NORTHWEST EMC

CONDUCTED EMISSIONS - EVALUATION ONLY

ACQ 2005.9
EMI 2005.5

EUT:	Ortho Pak	Work Order:	CNTR0012
Serial Number:	62021	Date:	09/14/05
Customer:	[redacted]	Temperature:	23
Attendees:	[redacted]	Humidity:	38%
Project:		Barometric Pressure	30.11
Tested by:	[redacted]	Job Site:	EV04
Power:	Battery		

TEST SPECIFICATIONS — Test Method

TEST PARAMETERS

Cable or Line Tested — *Positive*

COMMENTS

500 Ohm AAMI load.

EUT OPERATING MODES

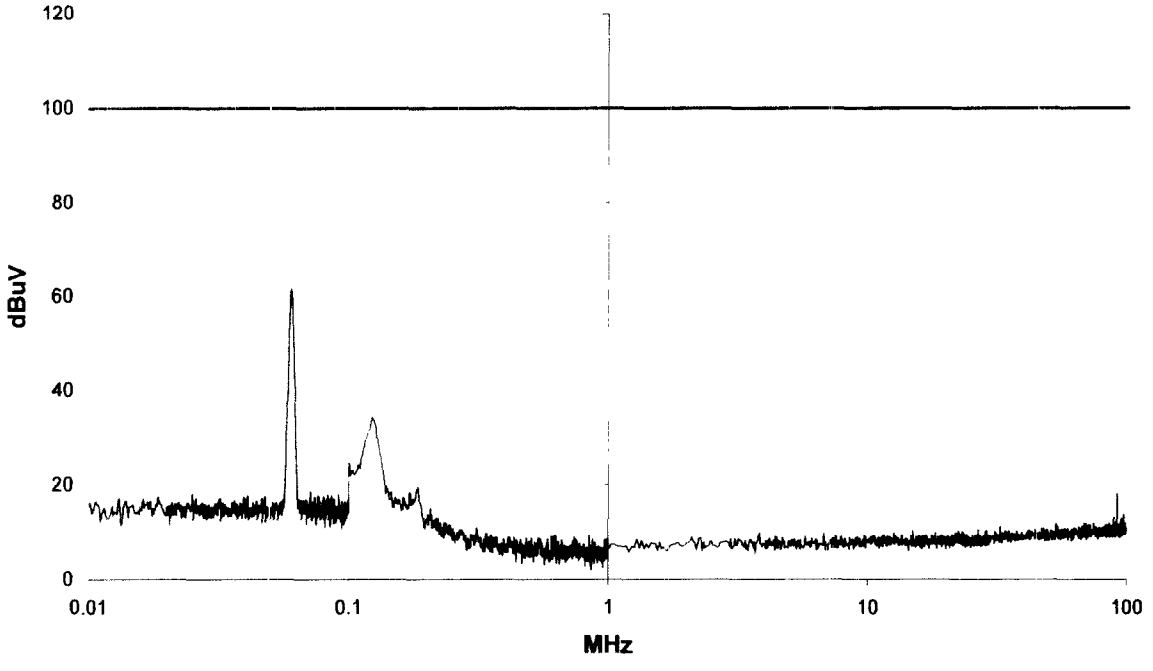
Normal operation

DEVIATIONS FROM TEST STANDARD

No deviations.

Run #	56
Configuration #	4
Results	Evaluation

Signature



Freq (MHz)	Amplitude (dBuV)			Transducer (dB)	Cable (dB)	External Attenuation (dB)		Detector (blank equal peaks [PK] from scan)		Adjusted dBuV	Spec Limit dBuV	Compared to Spec (dB)
0.060	61.6			0 0	0.0	0.0				61 6	100.0	-38.4
0.123	34 2			0.0	0 0	0.0				34 2	100 0	-65 8
0.100	25.0			0.0	0 0	0.0				25.0	100.0	-75 0
0.185	19 6			0.0	0 0	0 0				19 6	100 0	-80.4
0.071	18 7			0.0	0 0	0.0				18.7	100.0	-81.3
0.172	18.5			0.0	0 0	0.0				18.5	100.0	-81 5
91.600	15.9			0.0	2.5	0.0				18 4	100.0	-81 6
0.025	18 2			0 0	0.0	0.0				18 2	100 0	-81.8
0 092	18 0			0.0	0 0	0.0				18.0	100.0	-82.0
0 083	17.9			0.0	0.0	0.0				17.9	100.0	-82.1
0.076	17 8			0.0	0.0	0.0				17.8	100.0	-82.2
0 086	17.8			0.0	0.0	0.0				17.8	100.0	-82.2
0.041	17 7			0.0	0.0	0.0				17 7	100 0	-82.3
0.019	17 6			0 0	0.0	0 0				17.6	100 0	-82.4
0.040	17 6			0.0	0 0	0.0				17 6	100.0	-82.4
0 048	17 6			0.0	0.0	0 0				17 6	100 0	-82.4
0 077	17 6			0.0	0.0	0.0				17.6	100.0	-82 4
0 080	17.6			0.0	0.0	0.0				17.6	100.0	-82.4
0.013	17.5			0 0	0.0	0.0				17 5	100.0	-82 5

NORTHWEST EMC

CONDUCTED EMISSIONS - EVALUATION ONLY

ACQ 2005.9.12
EMI 2005 5.05

EUT:	Ortho Pak	Work Order:	CNTR0012
Serial Number:	62021	Date:	09/14/05
Customer:	[redacted]	Temperature:	23
Attendees:	[redacted]	Humidity:	38%
Project:		Barometric Pressure	30.11
Tested by:	[redacted] Power: Battery	Job Site:	EV04

TEST SPECIFICATIONS | **Test Method**

TEST PARAMETERS

Cable or Line Tested	Positive

COMMENTS

600 Ohm AAMI load.

EUT OPERATING MODES

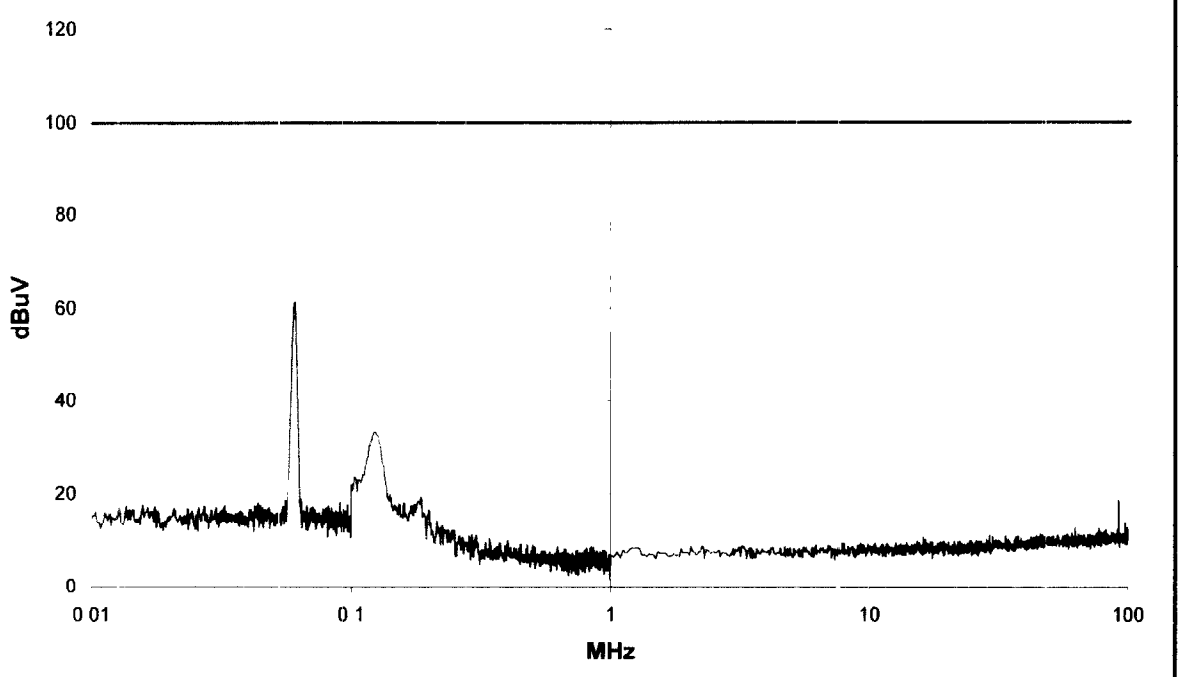
Normal operation

DEVIATIONS FROM TEST STANDARD

No deviations.

Run #	57
Configuration #	4
Results	Evaluation

Signature



Freq (MHz)	Amplitude (dBuV)			Transducer (dB)	Cable (dB)	External Attenuation (dB)		Detector (blank equal peaks (PK) from scan)		Adjusted dBuV	Spec Limit dBuV	Compared to Spec (dB)
0 060	61 5			0 0	0 0	0.0				61 5	100 0	-38 5
0 123	33 4			0 0	0 0	0.0				33.4	100 0	-66.6
0 103	23 8			0 0	0.0	0.0				23 8	100.0	-76 2
0 186	19 3			0 0	0 0	0.0				19 3	100 0	-80.7
0 064	18 9			0 0	0.0	0 0				18 9	100 0	-81.1
91.600	16.3			0 0	2.5	0.0				18 8	100 0	-81.2
0.056	18 6			0 0	0 0	0.0				18 6	100 0	-81.4
0 090	18.3			0 0	0 0	0.0				18 3	100 0	-81.7
0.044	18 1			0 0	0.0	0.0				18 1	100 0	-81 9
0 159	18 1			0 0	0 0	0 0				18 1	100 0	-81 9
0 153	18.0			0 0	0 0	0 0				18.0	100.0	-82 0
0 016	17 8			0.0	0 0	0.0				17.8	100.0	-82 2
0 097	17 7			0 0	0 0	0 0				17 7	100 0	-82 3
0 045	17 6			0 0	0 0	0 0				17 6	100 0	-82 4
0 033	17.5			0 0	0 0	0 0				17 5	100.0	-82 5
0.043	17.5			0 0	0 0	0.0				17 5	100 0	82 5
0 067	17 5			0 0	0 0	0.0				17 5	100 0	-82.5
0 170	17.5			0 0	0 0	0.0				17 5	100.0	-82.5
0.014	17 4			0 0	0 0	0.0				17 4	100 0	-82.6

NORTHWEST EMC

CONDUCTED EMISSIONS - EVALUATION ONLY

ACD 2005.9.12
EMI 2005.5.05

EUT:	Ortho Pak	Work Order:	CNTR0012
Serial Number:	62021	Date:	09/14/05
Customer:	[redacted]	Temperature:	23
Attendees:	[redacted]	Humidity:	38%
Project:		Barometric Pressure	30.11
Tested by:	[redacted] Power: Battery	Job Site:	EV04

TEST SPECIFICATIONS	Test Method

TEST PARAMETERS	
Cable or Line Tested	Positive

COMMENTS

600 Ohm Resistive load.

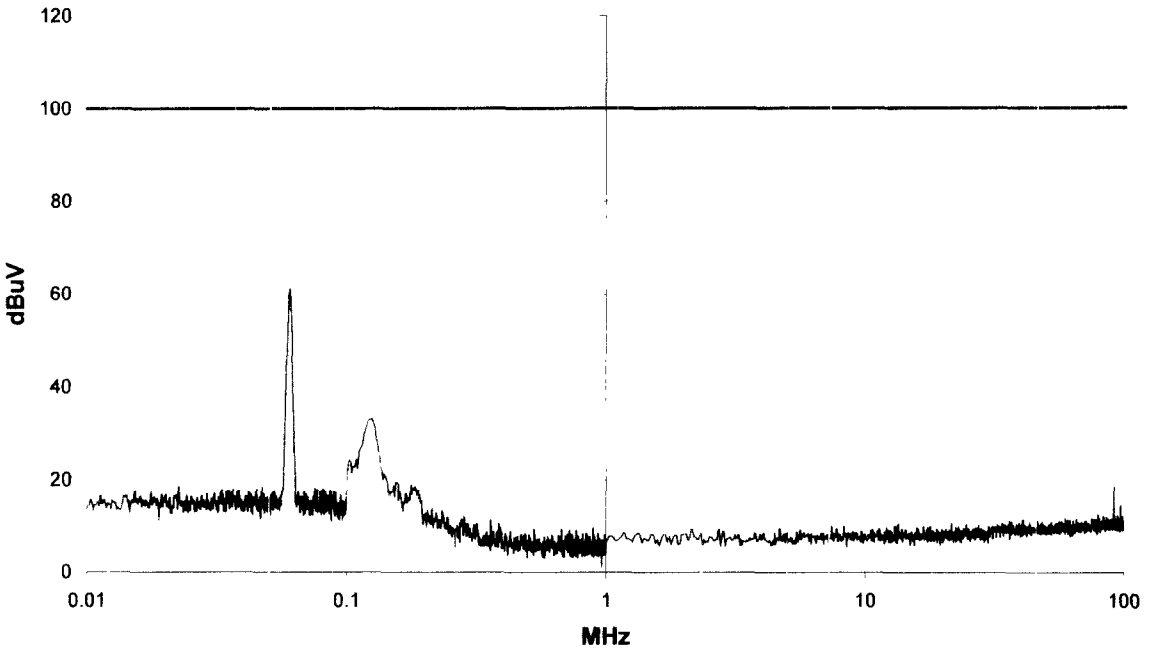
EUT OPERATING MODES

Normal operation

DEVIATIONS FROM TEST STANDARD

No deviations.

Run #	58	
Configuration #	4	
Results	Evaluation	Signature



Freq (MHz)	Amplitude (dBuV)			Transducer (dB)	Cable (dB)	External Attenuation (dB)		Detector (blank equal peaks [PK] from scan)		Adjusted dBuV	Spec Limit dBuV	Compared to Spec (dB)
0.060	61.4			0 0	0.0	0 0				61 4	100.0	-38.6
0 123	33.3			0 0	0.0	0 0				33 3	100 0	-66 7
0.103	24 3			0.0	0 0	0.0				24 3	100 0	-75 7
0 155	19.6			0.0	0 0	0 0				19 6	100.0	-80 4
0 177	19.0			0 0	0 0	0 0				19 0	100.0	-81 0
0 151	18.9			0 0	0.0	0.0				18 9	100 0	-81.1
0 023	18.6			0 0	0 0	0.0				18 6	100 0	-81 4
91 600	16.0			0 0	2 5	0.0				18.5	100 0	-81 5
0.047	18.5			0.0	0 0	0.0				18.5	100.0	-81 5
0 075	18 3			0 0	0 0	0.0				18 3	100 0	-81.7
0 037	18 1			0 0	0.0	0 0				18 1	100 0	-81 9
0 045	18.1			0 0	0.0	0 0				18 1	100.0	-81 9
0 081	18 1			0.0	0.0	0 0				18 1	100.0	-81 9
0 033	18.0			0 0	0 0	0 0				18.0	100.0	-82 0
0.081	18 0			0 0	0 0	0.0				18 0	100 0	-82 0
0 015	17.9			0.0	0 0	0 0				17 9	100.0	-82 1
0 077	17 9			0 0	0 0	0 0				17 9	100.0	-82 1
0 035	17.8			0.0	0 0	0 0				17.8	100.0	-82.2
0 039	17.8			0 0	0.0	0.0				17 8	100 0	-82 2

NORTHWEST EMC

CONDUCTED EMISSIONS - EVALUATION ONLY

ACQ 2005.8.12
EMI 2005.8.05

EUT:	Ortho Pak	Work Order:	CNTR0012
Serial Number:	62021	Date:	09/14/05
Customer:	[redacted]	Temperature:	23
Attendees:	[redacted]	Humidity:	38%
Project:		Barometric Pressure	30.11
Tested by:	[redacted] Power: Battery	Job Site:	EV04

TEST SPECIFICATIONS	Test Method

TEST PARAMETERS

Cable or Line Tested	Positive

COMMENTS

500 Ohm Resistive load.

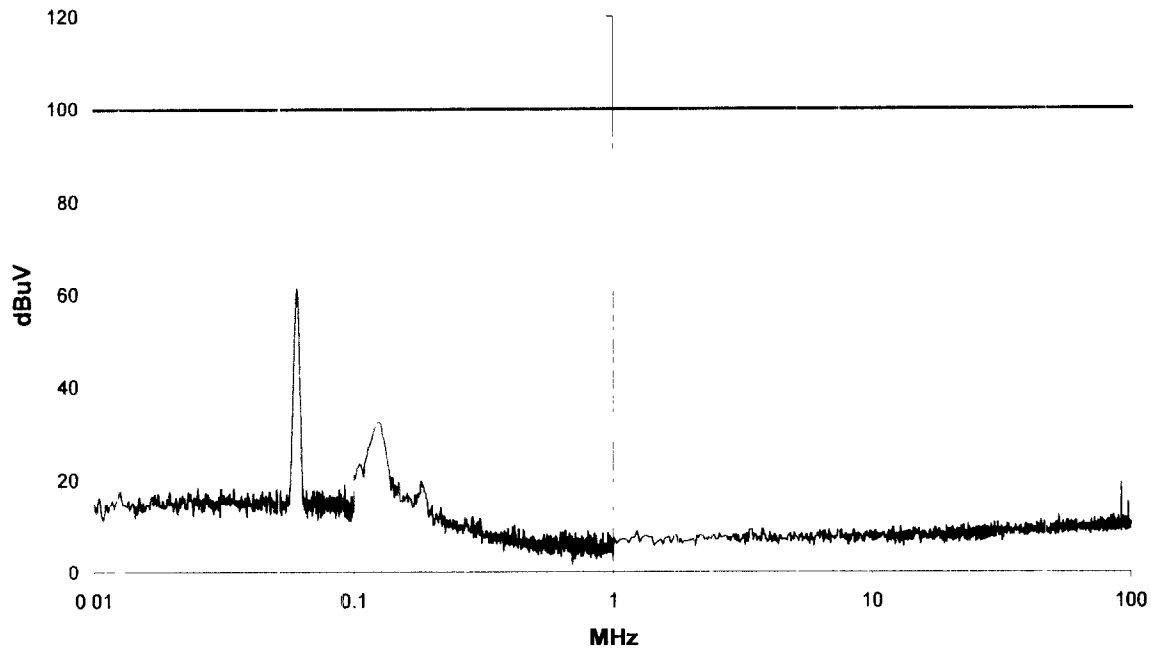
EUT OPERATING MODES

Normal operation

DEVIATIONS FROM TEST STANDARD

No deviations.

Run #	59	
Configuration #	4	
Results	Evaluation	Signature



Freq (MHz)	Amplitude (dBuV)			Transducer (dB)	Cable (dB)	External Attenuation (dB)		Detector (blank equal peaks [PK] from scan)		Adjusted dBuV	Spec Limit dBuV	Compared to Spec (dB)
0 060	61 4			0 0	0 0	0.0				61.4	100 0	-38 6
0 123	32 7			0 0	0.0	0.0				32 7	100 0	-67 3
0 105	23 8			0 0	0 0	0 0				23.8	100 0	-76.2
0 141	20 8			0 0	0 0	0 0				20 8	100 0	-79 2
0 182	20 0			0 0	0 0	0.0				20 0	100 0	-80.0
0 149	19.8			0 0	0.0	0 0				19 8	100 0	-80 2
91 600	17 0			0 0	2.5	0.0				19 5	100 0	-80.5
0 092	19.2			0 0	0 0	0 0				19.2	100 0	-80 8
0 144	19.0			0.0	0 0	0 0				19 0	100 0	-81 0
0 025	18 5			0 0	0.0	0.0				18 5	100 0	-81 5
0 035	18 4			0 0	0.0	0 0				18 4	100 0	-81 6
0 013	18.3			0 0	0.0	0 0				18.3	100 0	-81 7
0 031	18.3			0 0	0 0	0 0				18 3	100 0	-81.7
0 051	18.2			0 0	0 0	0 0				18 2	100 0	-81 8
0 088	18 2			0 0	0 0	0.0				18 2	100 0	-81 8
0 052	18 0			0 0	0 0	0.0				18 0	100 0	-82 0
0 066	18 0			0 0	0.0	0 0				18 0	100 0	-82 0
0 070	18.0			0 0	0.0	0 0				18.0	100 0	-82 0
0 072	17 9			0.0	0 0	0 0				17 9	100 0	-82 1

NORTHWEST EMC

CONDUCTED EMISSIONS - EVALUATION ONLY

ACQ 2005.9.12
EMI 2005.5.05

EUT:	Ortho Pak	Work Order:	CNTR0012
Serial Number:	62021	Date:	09/14/05
Customer:	[redacted]	Temperature:	23
Attendees:	[redacted]	Humidity:	38%
Project:		Barometric Pressure	30.11
Tested by:	[redacted]	Job Site:	EV04
Power:	Battery		

TEST SPECIFICATIONS | **Test Method**

TEST PARAMETERS

Cable or Line Tested	Positive

COMMENTS

400 Ohm Resistive load.

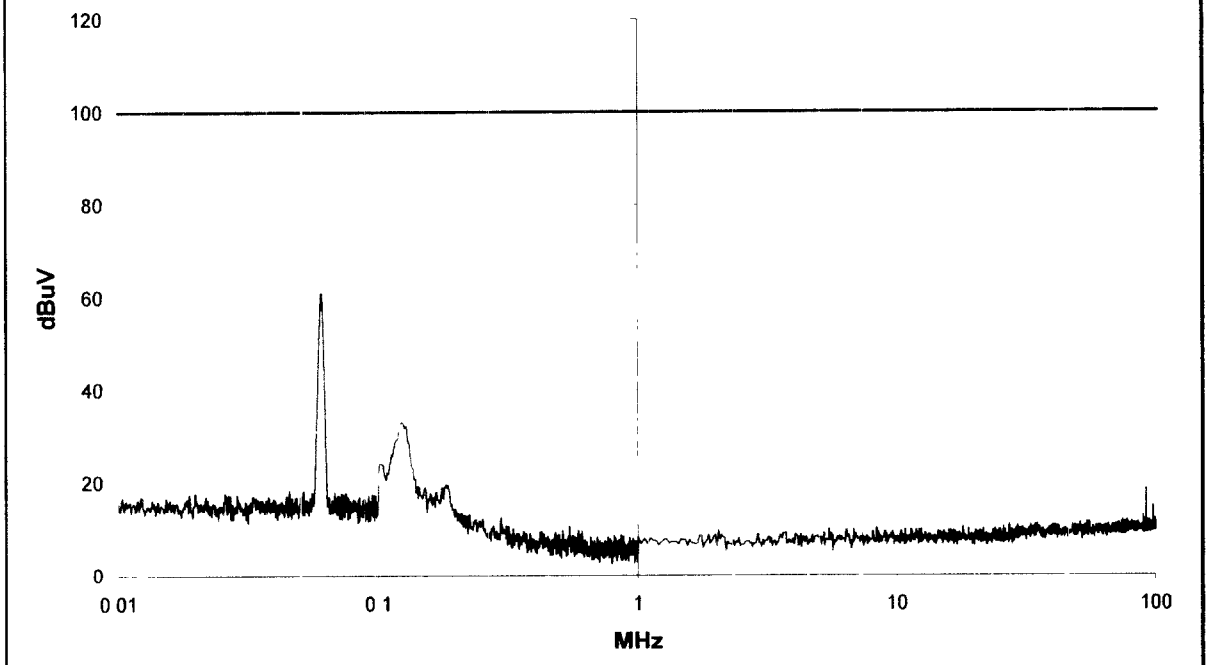
EUT OPERATING MODES

Normal operation

DEVIATIONS FROM TEST STANDARD

No deviations.

Run #	60	
Configuration #	4	
Results	Evaluation	Signature



Freq (MHz)	Amplitude (dBuV)			Transducer (dB)	Cable (dB)	External Attenuation (dB)		Detector (blank equal peaks [PK] from scan)		Adjusted dBuV	Spec Limit dBuV	Compared to Spec (dB)
0.060	61.2			0 0	0 0	0.0				61 2	100 0	-38.8
0.123	33 4			0 0	0 0	0 0				33 4	100.0	-66 6
0 102	24 2			0 0	0 0	0 0				24 2	100.0	-75.8
0 182	19 6			0 0	0 0	0 0				19 6	100 0	-80 4
0 143	19.3			0.0	0 0	0 0				19 3	100.0	-80 7
0 151	19.1			0.0	0 0	0 0				19.1	100.0	-80.9
0 176	19 1			0.0	0 0	0 0				19.1	100.0	-80 9
91 600	16 2			0 0	2 5	0 0				18 7	100 0	-81 3
0.046	18 4			0 0	0 0	0.0				18 4	100 0	-81 6
0 052	18 3			0.0	0 0	0 0				18 3	100 0	-81 7
0 168	18.1			0 0	0 0	0.0				18 1	100 0	-81 9
0 056	18 0			0 0	0.0	0.0				18 0	100 0	-82.0
0.068	18 0			0 0	0 0	0 0				18 0	100 0	-82 0
0 075	18 0			0 0	0 0	0.0				18 0	100 0	-82 0
0 020	17 8			0 0	0 0	0 0				17 8	100 0	-82 2
0 026	17.8			0 0	0 0	0 0				17 8	100 0	-82 2
0 051	17 8			0 0	0.0	0.0				17 8	100 0	-82 2
0 072	17 8			0 0	0.0	0.0				17.8	100 0	-82.2
0 159	17 8			0 0	0 0	0 0				17 8	100.0	-82 2

NORTHWEST EMC

CONDUCTED EMISSIONS - EVALUATION ONLY

ACQ 2005.9.12
EMI 2005.5.05

EUT:	Ortho Pak	Work Order:	CNTR0012
Serial Number:	62021	Date:	09/14/05
Customer:	[redacted]	Temperature:	23
Attendees:	[redacted]	Humidity:	38%
Project:		Barometric Pressure	30.11
Tested by:	[redacted] Power: Battery	Job Site:	EV04

TEST SPECIFICATIONS	Test Method

TEST PARAMETERS

Cable or Line Tested	Positive

COMMENTS

300 Ohm Resistive load.

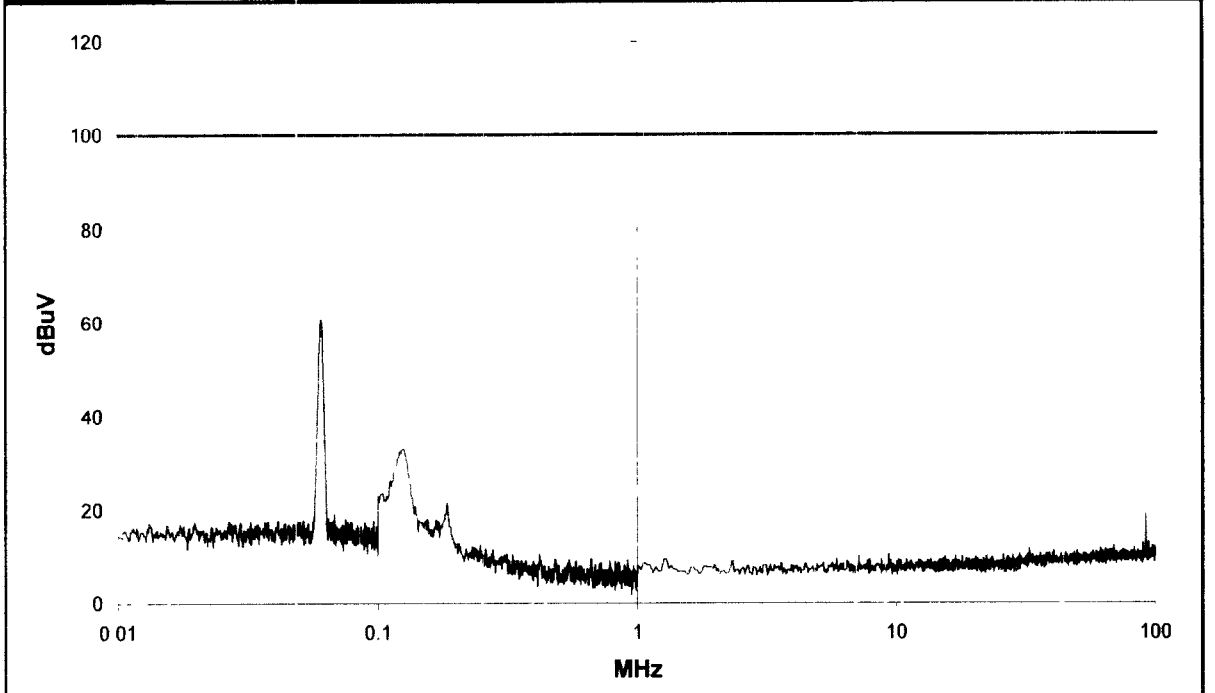
EUT OPERATING MODES

Normal operation

DEVIATIONS FROM TEST STANDARD

No deviations.

Run #	61	
Configuration #	4	
Results	Evaluation	Signature



Freq (MHz)	Amplitude (dBuV)			Transducer (dB)	Cable (dB)	External Attenuation (dB)		Detector (blank equal peaks [PK] from scan)		Adjusted dBuV	Spec Limit dBuV	Compared to Spec (dB)
0 060	61 1			0 0	0 0	0 0				61 1	100 0	-38.9
0 125	33 3			0 0	0.0	0.0				33 3	100 0	-66 7
0 185	21 7			0 0	0.0	0 0				21 7	100 0	-78 3
0 068	19 3			0 0	0 0	0 0				19.3	100 0	-80 7
91 600	16 6			0 0	2 5	0 0				19 1	100 0	-80 9
0 064	18.4			0 0	0.0	0 0				18 4	100 0	-81 6
0.075	18.2			0 0	0 0	0 0				18 2	100 0	-81.8
0.155	18 2			0 0	0 0	0 0				18 2	100 0	-81 8
0 049	18 1			0 0	0 0	0 0				18 1	100 0	-81 9
0 168	18 1			0 0	0.0	0 0				18 1	100 0	-81 9
0 041	18 0			0 0	0.0	0 0				18 0	100 0	-82 0
0 051	18.0			0 0	0 0	0 0				18.0	100.0	-82 0
0 144	18 0			0 0	0 0	0 0				18 0	100 0	-82 0
0 096	17 9			0 0	0 0	0 0				17 9	100 0	-82 1
0 067	17 8			0 0	0 0	0 0				17.8	100 0	-82 2
0 027	17 6			0 0	0 0	0 0				17 6	100 0	-82 4
0 056	17 6			0 0	0 0	0 0				17.6	100 0	-82 4
0 076	17.6			0.0	0 0	0 0				17.6	100.0	-82 4
0 078	17.6			0 0	0 0	0.0				17 6	100 0	-82 4

NORTHWEST EMC

CONDUCTED EMISSIONS - EVALUATION ONLY

ACD 2005.8.12
EMI 2005.5.05

EUT:	Ortho Pak	Work Order:	CNTR0012
Serial Number:	62021	Date:	09/14/05
Customer:	[redacted]	Temperature:	23
Attendees:	[redacted]	Humidity:	38%
Project:		Barometric Pressure	30.11
Tested by:	[redacted]	Power: Battery	Job Site: EV04

TEST SPECIFICATIONS | Test Method

TEST PARAMETERS

Cable or Line Tested	Positive

COMMENTS

200 Ohm Resistive load.

EUT OPERATING MODES

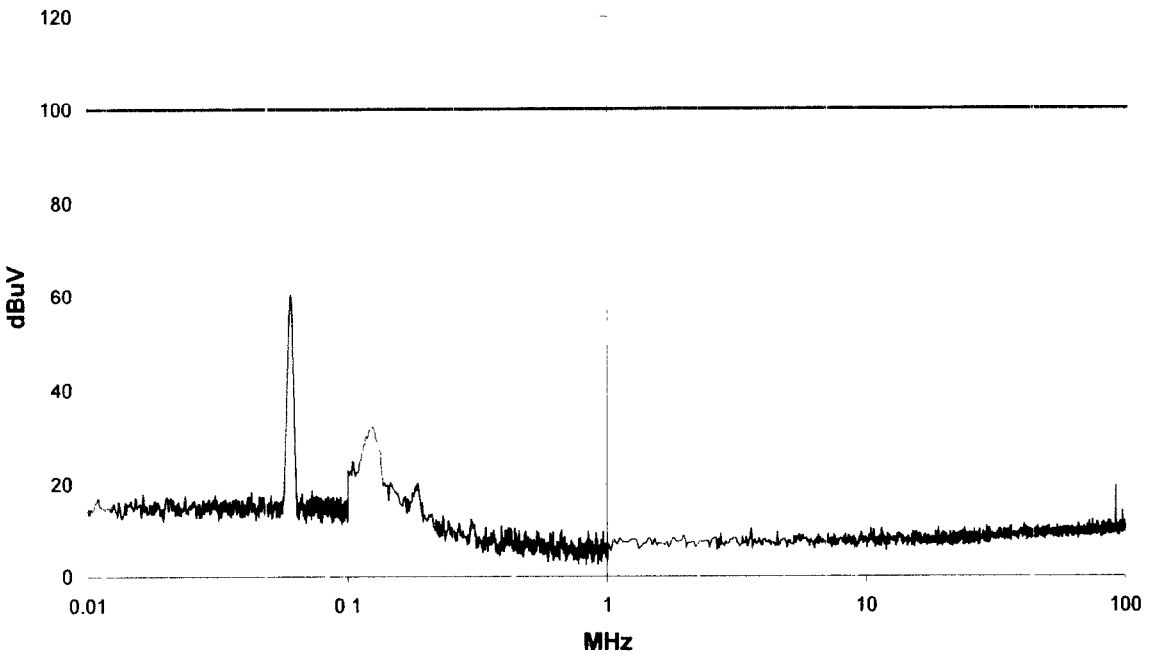
Normal operation

DEVIATIONS FROM TEST STANDARD

No deviations.

Run #	62
Configuration #	4
Results	Evaluation

Signature



Freq (MHz)	Amplitude (dBuV)			Transducer (dB)	Cable (dB)	External Attenuation (dB)		Detector (blank equal peaks [Pk] from scan)		Adjusted dBuV	Spec Limit dBuV	Compared to Spec (dB)
0.060	60.6			0.0	0.0	0.0				60.6	100.0	-39.4
0.125	32.4			0.0	0.0	0.0				32.4	100.0	-67.6
0.105	25.0			0.0	0.0	0.0				25.0	100.0	-75.0
0.146	20.6			0.0	0.0	0.0				20.6	100.0	-79.4
0.186	20.5			0.0	0.0	0.0				20.5	100.0	-79.5
91.740	17.1			0.0	2.6	0.0				19.7	100.0	-80.3
0.073	19.2			0.0	0.0	0.0				19.2	100.0	-80.8
0.043	18.5			0.0	0.0	0.0				18.5	100.0	-81.5
0.067	18.2			0.0	0.0	0.0				18.2	100.0	-81.8
0.016	18.1			0.0	0.0	0.0				18.1	100.0	-81.9
0.024	17.8			0.0	0.0	0.0				17.8	100.0	-82.2
0.031	17.8			0.0	0.0	0.0				17.8	100.0	-82.2
0.051	17.8			0.0	0.0	0.0				17.8	100.0	-82.2
0.076	17.7			0.0	0.0	0.0				17.7	100.0	-82.3
0.042	17.6			0.0	0.0	0.0				17.6	100.0	-82.4
0.046	17.6			0.0	0.0	0.0				17.6	100.0	-82.4
0.084	17.6			0.0	0.0	0.0				17.6	100.0	-82.4
0.167	17.6			0.0	0.0	0.0				17.6	100.0	-82.4
0.073	17.5			0.0	0.0	0.0				17.5	100.0	-82.5

NORTHWEST EMC

CONDUCTED EMISSIONS - EVALUATION ONLY

ACO 2005.9.12
EMI 2005.5.05

EUT:	Ortho Pak	Work Order:	CNTR0012
Serial Number:	62021	Date:	09/14/05
Customer:	[redacted]	Temperature:	23
Attendees:	[redacted]	Humidity:	38%
Project:		Barometric Pressure	30.11
Tested by:	[redacted] Power: Battery	Job Site:	EV04

TEST SPECIFICATIONS | **Test Method**

TEST PARAMETERS

Cable or Line Tested	Positive

COMMENTS

100 Ohm Resistive load.

EUT OPERATING MODES

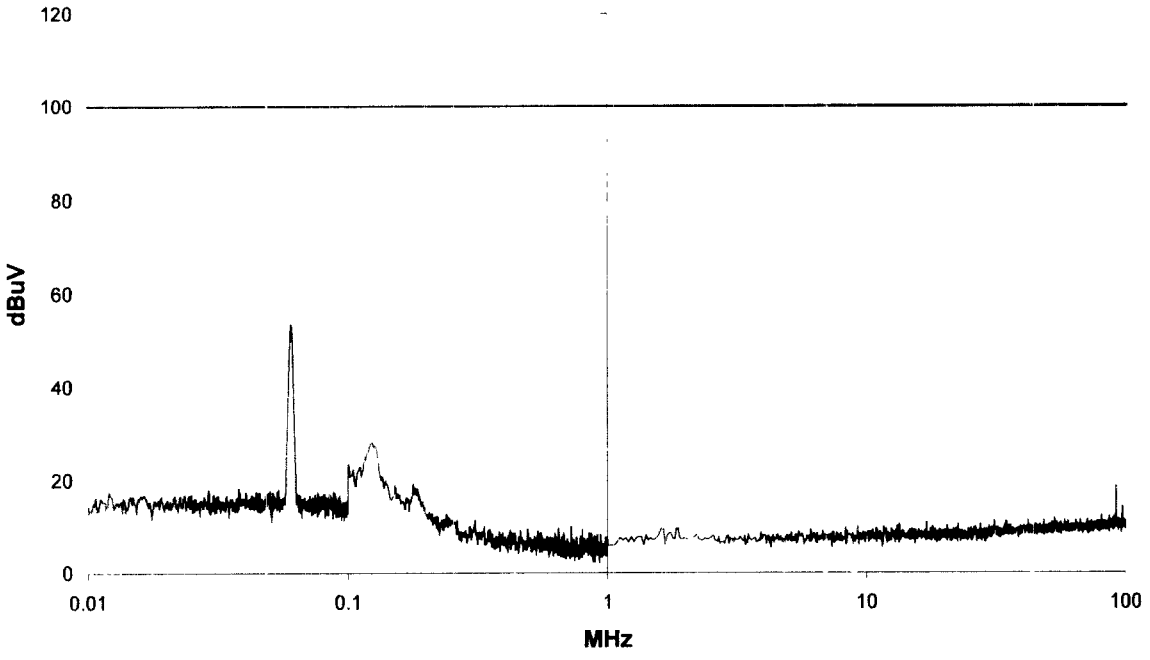
Normal operation

DEVIATIONS FROM TEST STANDARD

No deviations.

Run #	63
Configuration #	4
Results	Evaluation

Signature



Freq (MHz)	Amplitude (dBuV)			Transducer (dB)	Cable (dB)	External Attenuation (dB)		Detector (blank equal peaks [PK] from scan)		Adjusted dBuV	Spec Limit dBuV	Compared to Spec (dB)
0 060	53 5			0 0	0 0	0.0				53 5	100 0	-46.5
0 123	28 1			0 0	0 0	0.0				28 1	100 0	-71 9
0 100	23.8			0.0	0 0	0 0				23 8	100 0	-76 2
0 111	22 9			0 0	0.0	0.0				22 9	100 0	-77 1
0 178	19 3			0 0	0 0	0 0				19.3	100 0	-80 7
0 151	19.1			0.0	0.0	0 0				19.1	100 0	-80 9
91 740	16 4			0.0	2 6	0.0				19 0	100 0	-81 0
0 038	18 4			0 0	0 0	0 0				18 4	100 0	-81 6
0 054	18 2			0 0	0 0	0.0				18 2	100 0	-81.8
0 029	18 1			0 0	0 0	0 0				18 1	100.0	-81 9
0 050	18 0			0 0	0 0	0 0				18 0	100 0	-82 0
0 012	17.8			0.0	0 0	0.0				17 8	100 0	-82.2
0 053	17 8			0 0	0 0	0 0				17 8	100 0	-82 2
0 044	17 7			0 0	0 0	0.0				17 7	100 0	-82 3
0.088	17 7			0.0	0 0	0.0				17 7	100 0	-82.3
0 040	17 6			0 0	0 0	0 0				17 6	100 0	-82 4
0 046	17 6			0 0	0 0	0.0				17 6	100 0	-82 4
0 049	17 6			0.0	0 0	0.0				17 6	100.0	-82 4
0 077	17 6			0 0	0 0	0.0				17 6	100 0	-82 4

NORTHWEST EMC

CONDUCTED EMISSIONS - EVALUATION ONLY

ACD 2008.9.12
EMI 2008.5.05

EUT:	Ortho Pak	Work Order:	CNTR0012
Serial Number:	62021	Date:	09/14/05
Customer:	[redacted]	Temperature:	23
Attendees:	[redacted]	Humidity:	38%
Project:		Barometric Pressure	30.11
Tested by:	[redacted] Power: Battery	Job Site:	EV04

TEST SPECIFICATIONS	Test Method

TEST PARAMETERS

Cable or Line Tested	Positive

COMMENTS

500 Ohm AAMI load.

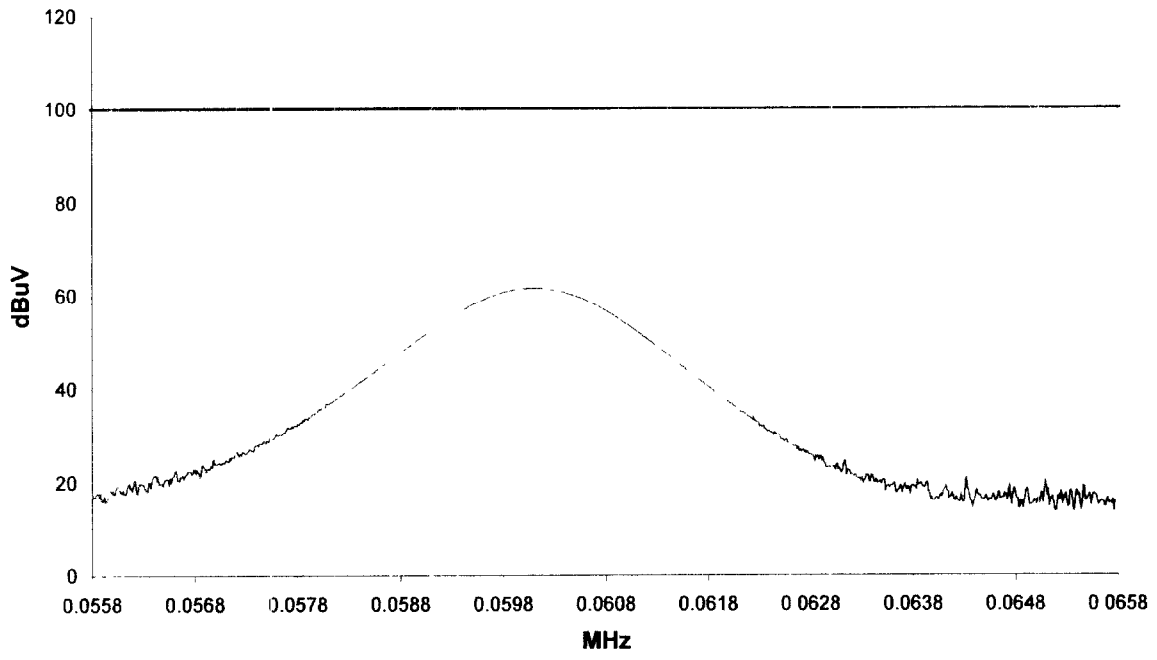
EUT OPERATING MODES

Normal operation

DEVIATIONS FROM TEST STANDARD

No deviations.

Run #	64	
Configuration #	4	
Results	Evaluation	Signature



Freq (MHz)	Amplitude (dBuV)			Transducer (dB)	Cable (dB)	External Attenuation (dB)		Detector (blank equal peaks [PK] from scan)		Adjusted dBuV	Spec Limit dBuV	Compared to Spec (dB)
0 060	61 6			0 0	0 0	0 0				61 6	100 0	-38 4
0.063	24 5			0 0	0 0	0.0				24.5	100 0	-75 5
0.057	22.6			0 0	0.0	0.0				22 6	100.0	-77 4
0 056	21 6			0.0	0 0	0 0				21 6	100 0	-78 4
0 064	21 0			0 0	0.0	0.0				21 0	100 0	-79 0
0 056	20 5			0 0	0.0	0.0				20.5	100 0	-79 5
0 064	20.5			0.0	0 0	0.0				20 5	100 0	-79 5
0 065	20 4			0.0	0 0	0 0				20 4	100.0	-79 6
0 064	19 8			0.0	0 0	0 0				19.8	100 0	-80 2
0 065	19 6			0.0	0 0	0 0				19 6	100 0	-80 4
0 064	19 4			0.0	0 0	0 0				19 4	100.0	-80 6
0 065	19 2			0.0	0 0	0 0				19.2	100 0	-80.8
0.065	18 8			0 0	0 0	0 0				18.8	100 0	-81 2
0 065	18 7			0 0	0 0	0 0				18 7	100 0	-81 3
0 064	18 5			0 0	0 0	0.0				18 5	100 0	-81 5
0 065	18 3			0 0	0 0	0 0				18 3	100.0	-81 7
0 065	18 3			0 0	0 0	0 0				18 3	100 0	-81 7
0 056	18 1			0 0	0.0	0.0				18.1	100.0	-81.9
0 065	18 1			0 0	0 0	0.0				18 1	100 0	-81 9

NORTHWEST EMC

CONDUCTED EMISSIONS - EVALUATION ONLY

ACC 2005.9 12
EM 2005.5 05

EUT:	Ortho Pak	Work Order:	CNTR0012
Serial Number:	62021	Date:	09/14/05
Customer:	[redacted]	Temperature:	23
Attendees:	[redacted]	Humidity:	38%
Project:		Barometric Pressure	30.11
Tested by:	[redacted] Power: Battery	Job Site:	EV04

TEST SPECIFICATIONS | **Test Method**

TEST PARAMETERS

Cable or Line Tested: Positive

COMMENTS

500 Ohm AAMI load.

EUT OPERATING MODES

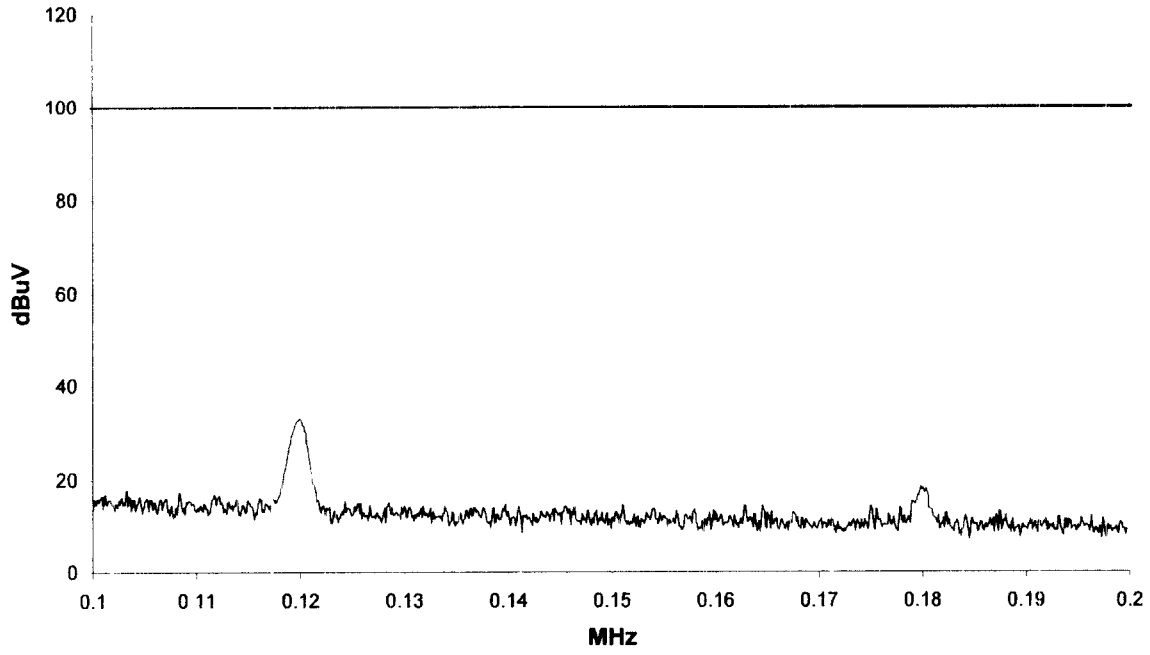
Normal operation

DEVIATIONS FROM TEST STANDARD

No deviations.

Run #	65
Configuration #	4
Results	Evaluation

Signature



Freq (MHz)	Amplitude (dBuV)			Transducer (dB)	Cable (dB)	External Attenuation (dB)		Detector (blank equal peaks [PK] from scan)		Adjusted dBuV	Spec Limit dBuV	Compared to Spec (dB)
0 120	33 1			0.0	0 0	0.0				33 1	100 0	-66 9
0 180	18 6			0 0	0 0	0 0				18 6	100.0	-81 4
0 103	18.0			0 0	0.0	0.0				18 0	100.0	-82 0
0 108	17 5			0 0	0 0	0.0				17 5	100 0	-82 5
0 101	17 1			0 0	0 0	0.0				17 1	100.0	-82.9
0 112	17 0			0 0	0.0	0.0				17 0	100.0	-83.0
0 101	16.8			0 0	0.0	0.0				16.8	100 0	-83 2
0 112	16 8			0 0	0 0	0 0				16 8	100 0	-83 2
0 105	16 7			0.0	0 0	0 0				16 7	100 0	-83.3
0 104	16.6			0 0	0 0	0.0				16 6	100 0	-83 4
0 105	16 3			0 0	0.0	0 0				16 3	100 0	-83 7
0 116	16 3			0.0	0.0	0 0				16 3	100 0	-83 7
0 107	16 2			0.0	0.0	0 0				16 2	100 0	-83 8
0 107	16 1			0 0	0.0	0.0				16 1	100.0	-83.9
0.106	16.0			0 0	0.0	0.0				16.0	100.0	-84 0
0 114	16 0			0.0	0 0	0 0				16 0	100 0	-84 0
0 104	15 9			0 0	0.0	0.0				15.9	100 0	-84 1
0 115	15 6			0.0	0.0	0.0				15 6	100 0	-84.4
0 109	15.5			0 0	0.0	0.0				15 5	100.0	-84.5

Section 2 SpecAnal SpIA65120
1 of 14 pgs. Data.Pdf

NORTHWEST EMC

CONDUCTED EMISSIONS - EVALUATION ONLY

ASQ 2005.9.12
MI 2005.5.06

EUT:	Spinal Pak 1	Work Order:	CNTR0012
Serial Number:	A65120	Date:	09/14/05
Customer:	[redacted]	Temperature:	23
Attendees:	[redacted]	Humidity:	38%
Project:		Barometric Pressure	30.11
Tested by:	[redacted] Power: Battery	Job Site:	EV04

TEST SPECIFICATIONS — Test Method

TEST PARAMETERS

Cable or Line Tested: Positive

COMMENTS

100 Ohm AAMI load.

EUT OPERATING MODES

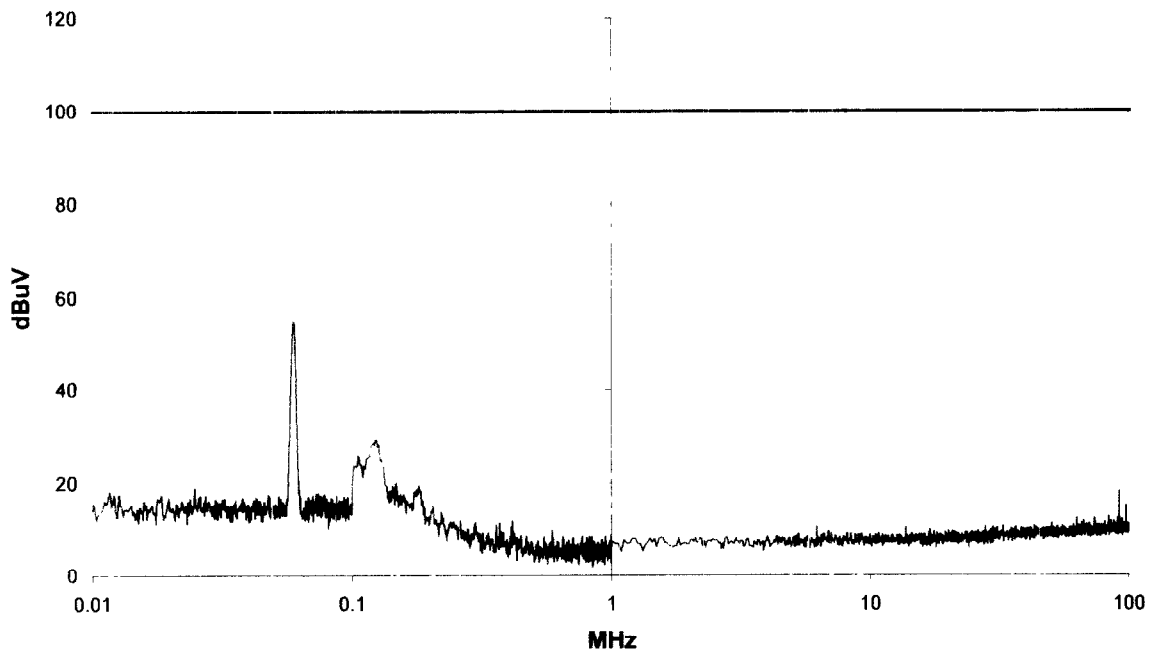
Normal operation

DEVIATIONS FROM TEST STANDARD

No deviations.

Run #	38
Configuration #	3
Results	Evaluation

Signature: [illegible]



Freq (MHz)	Amplitude (dBuV)			Transducer (dB)	Cable (dB)	External Attenuation (dB)		Detector (blank equal peaks [PK] from scan)		Adjusted dBuV	Spec Limit dBuV	Compared to Spec (dB)
0 059	54 9			0 0	0 0	0 0				54 9	100 0	-45 1
0 123	29.5			0 0	0 0	0.0				29 5	100 0	-70 5
0 105	25 9			0.0	0.0	0.0				25 9	100.0	-74 1
0 148	20 2			0 0	0 0	0.0				20 2	100.0	-79 8
0 181	19.6			0 0	0 0	0.0				19.6	100 0	-80 4
0 143	19.5			0.0	0.0	0.0				19.5	100 0	-80 5
0.025	19 2			0 0	0.0	0.0				19 2	100 0	-80 8
91.600	16 0			0.0	2 5	0.0				18 5	100 0	-81.5
0.012	18 5			0 0	0 0	0 0				18 5	100.0	-81 5
0 140	18 5			0 0	0 0	0.0				18 5	100 0	-81 5
0 074	18 0			0 0	0 0	0 0				18 0	100.0	-82 0
0 073	17 9			0.0	0.0	0 0				17.9	100.0	-82.1
0 018	17.8			0 0	0 0	0.0				17 8	100.0	-82.2
0 078	17.8			0 0	0 0	0.0				17 8	100.0	-82.2
0 153	17 8			0.0	0 0	0 0				17 8	100 0	-82 2
0 158	17 8			0.0	0.0	0 0				17 8	100 0	-82 2
0 012	17 7			0.0	0 0	0 0				17 7	100.0	-82 3
0 013	17 7			0 0	0 0	0 0				17 7	100.0	-82.3
0 048	17 7			0 0	0 0	0 0				17 7	100 0	-82 3

NORTHWEST EMC

CONDUCTED EMISSIONS - EVALUATION ONLY

ACQ 2005.9.12
EMI 2005.5.05

EUT:	Spinal Pak 1	Work Order:	CNTR0012
Serial Number:	A65120	Date:	09/14/05
Customer:	[redacted]	Temperature:	23
Attendees:	[redacted]	Humidity:	38%
Project:		Barometric Pressure	30.11
Tested by:	[redacted] Power: Battery	Job Site:	EV04

TEST SPECIFICATIONS | Test Method

TEST PARAMETERS

Cable or Line Tested: Positive

COMMENTS

200 Ohm AAMI load.

EUT OPERATING MODES

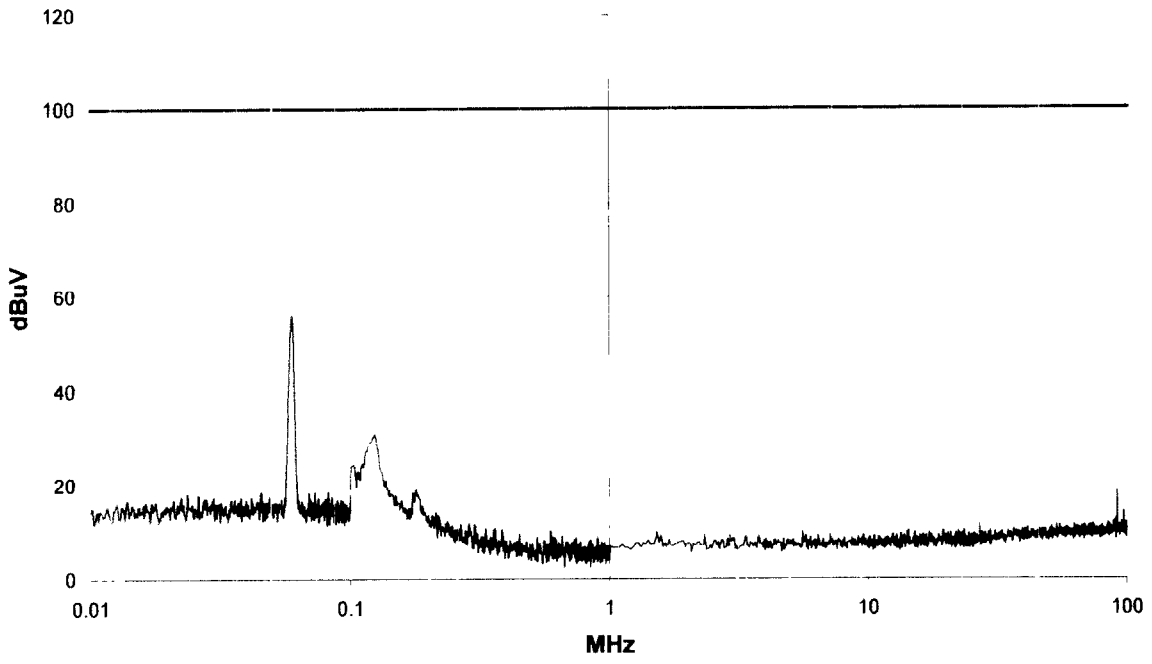
Normal operation

DEVIATIONS FROM TEST STANDARD

No deviations.

Run #	39
Configuration #	3
Results	Evaluation

Signature



Freq (MHz)	Amplitude (dBuV)			Transducer (dB)	Cable (dB)	External Attenuation (dB)		Detector (blank equal peaks (PK) from scan)		Adjusted dBuV	Spec Limit dBuV	Compared to Spec (dB)
0 059	56.2			0.0	0.0	0.0				56 2	100 0	-43 8
0.124	30 9			0 0	0 0	0.0				30 9	100 0	-69 1
0.103	24 4			0 0	0 0	0 0				24.4	100.0	-75 6
0 179	19.2			0.0	0 0	0.0				19 2	100 0	-80.8
0.046	18 7			0 0	0 0	0 0				18 7	100 0	-81 3
0 082	18 7			0.0	0 0	0 0				18.7	100 0	-81 3
0 073	18.6			0 0	0 0	0.0				18.6	100.0	-81 4
91 600	16 0			0 0	2 5	0 0				18 5	100 0	-81 5
0 045	18 4			0.0	0.0	0.0				18.4	100.0	-81.6
0 069	18 4			0 0	0 0	0 0				18 4	100 0	-81.6
0 024	18 2			0 0	0 0	0 0				18.2	100 0	-81 8
0 026	17 9			0.0	0.0	0.0				17.9	100.0	-82.1
0 150	17 9			0 0	0 0	0.0				17 9	100 0	-82.1
0 049	17.7			0 0	0 0	0 0				17 7	100.0	-82.3
0 022	17.6			0 0	0 0	0 0				17 6	100 0	-82 4
0 085	17 6			0.0	0 0	0 0				17 6	100.0	-82.4
0 030	17 4			0 0	0 0	0 0				17 4	100 0	-82.6
0 038	17.4			0.0	0 0	0 0				17 4	100.0	-82 6
0 042	17 4			0 0	0 0	0.0				17 4	100 0	-82 6

NORTHWEST EMC

CONDUCTED EMISSIONS - EVALUATION ONLY

ACQ 2005.9.12
EMI 2005.5.05

EUT:	Spinal Pak 1	Work Order:	CNTR0012
Serial Number:	A65120	Date:	09/14/05
Customer:	[redacted]	Temperature:	23
Attendees:	[redacted]	Humidity:	38%
Project:		Barometric Pressure	30.11
Tested by:	[redacted]	Job Site:	EV04
Power:	Battery		

TEST SPECIFICATIONS | Test Method

TEST PARAMETERS

Cable or Line Tested: Positive

COMMENTS

300 Ohm AAMI load.

EUT OPERATING MODES

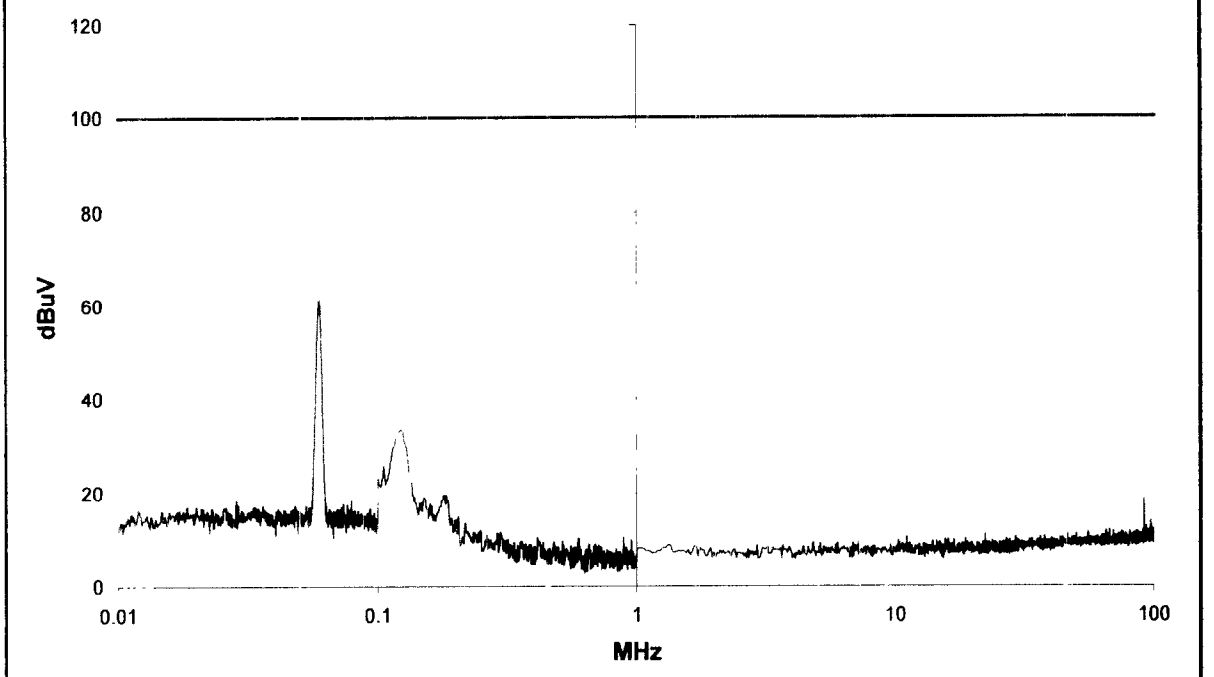
Normal operation

DEVIATIONS FROM TEST STANDARD

No deviations.

Run #	40
Configuration #	3
Results	Evaluation

Signature



Freq (MHz)	Amplitude (dBuV)			Transducer (dB)	Cable (dB)	External Attenuation (dB)		Detector (blank equal peak, [PK] from scan)		Adjusted dBuV	Spec Limit dBuV	Compared to Spec (dB)
0 059	61 5			0.0	0 0	0 0				61 5	100 0	-38 5
0 123	33 7			0 0	0 0	0.0				33 7	100 0	-66 3
0.105	25 9			0.0	0.0	0.0				25.9	100.0	-74.1
0 100	23.7			0 0	0.0	0.0				23 7	100 0	-76 3
0 179	19 7			0.0	0.0	0 0				19 7	100 0	-80 3
0 151	19 3			0.0	0 0	0.0				19.3	100 0	-80.7
0 050	19 0			0.0	0 0	0.0				19 0	100.0	-81.0
91 600	16 2			0 0	2 5	0 0				18 7	100.0	-81 3
0 029	18.5			0 0	0 0	0 0				18 5	100 0	-81 5
0 079	18 5			0.0	0 0	0 0				18 5	100.0	-81.5
0 159	17.9			0 0	0 0	0.0				17 9	100 0	-82 1
0 074	17 8			0 0	0 0	0.0				17 8	100 0	-82 2
0 076	17 6			0 0	0 0	0 0				17 6	100 0	-82 4
0 063	17 5			0 0	0 0	0 0				17 5	100 0	-82.5
0.029	17 4			0.0	0.0	0.0				17.4	100 0	-82 6
0 036	17 4			0 0	0 0	0 0				17 4	100 0	-82.6
0 048	17 4			0 0	0.0	0.0				17 4	100 0	-82.6
0 053	17 4			0 0	0.0	0.0				17 4	100 0	-82.6
0.018	17 2			0.0	0.0	0.0				17.2	100 0	-82.8

NORTHWEST EMC

CONDUCTED EMISSIONS - EVALUATION ONLY

ACO 2005.9.12
EMI 2005.5.05

EUT:	Spinal Pak 1	Work Order:	CNTR0012
Serial Number:	A65120	Date:	09/14/05
Customer:	[redacted]	Temperature:	23
Attendees:	[redacted]	Humidity:	38%
Project:		Barometric Pressure	30.11
Tested by:	[redacted] Power: Battery	Job Site:	EV04

TEST SPECIFICATIONS | Test Method

TEST PARAMETERS

Cable or Line Tested: Positive

COMMENTS

400 Ohm AAMI load.

EUT OPERATING MODES

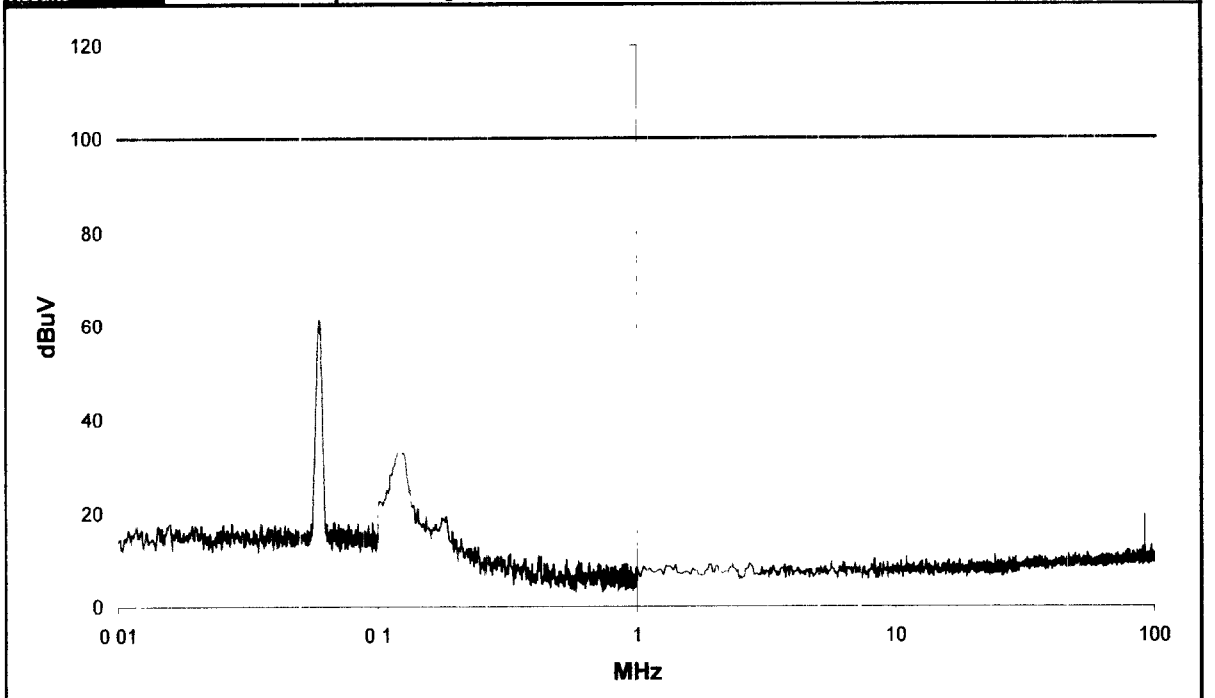
Normal operation

DEVIATIONS FROM TEST STANDARD

No deviations.

Run #	41
Configuration #	3
Results	Evaluation

Signature



Freq (MHz)	Amplitude (dBuV)			Transducer (dB)	Cable (dB)	External Attenuation (dB)		Detector (blank equal peaks (PK) from scan)		Adjusted dBuV	Spec Limit dBuV	Compared to Spec (dB)
0.059	61.5			0.0	0.0	0.0				61.5	100.0	-38.5
0.120	33.3			0.0	0.0	0.0				33.3	100.0	-66.7
0.142	21.2			0.0	0.0	0.0				21.2	100.0	-78.8
91.600	17.1			0.0	2.5	0.0				19.6	100.0	-80.4
0.154	19.4			0.0	0.0	0.0				19.4	100.0	-80.6
0.183	19.4			0.0	0.0	0.0				19.4	100.0	-80.6
0.068	18.3			0.0	0.0	0.0				18.3	100.0	-81.7
0.095	18.2			0.0	0.0	0.0				18.2	100.0	-81.8
0.068	18.1			0.0	0.0	0.0				18.1	100.0	-81.9
0.027	18.0			0.0	0.0	0.0				18.0	100.0	-82.0
0.056	18.0			0.0	0.0	0.0				18.0	100.0	-82.0
0.084	18.0			0.0	0.0	0.0				18.0	100.0	-82.0
0.064	17.9			0.0	0.0	0.0				17.9	100.0	-82.1
0.016	17.8			0.0	0.0	0.0				17.8	100.0	-82.2
0.036	17.8			0.0	0.0	0.0				17.8	100.0	-82.2
0.071	17.7			0.0	0.0	0.0				17.7	100.0	-82.3
0.077	17.7			0.0	0.0	0.0				17.7	100.0	-82.3
0.025	17.6			0.0	0.0	0.0				17.6	100.0	-82.4
0.040	17.6			0.0	0.0	0.0				17.6	100.0	-82.4

NORTHWEST EMC

CONDUCTED EMISSIONS - EVALUATION ONLY

MCQ 2005.9.12
EMI 2005.5.05

EUT:	Spinal Pak 1	Work Order:	CNTR0012
Serial Number:	A65120	Date:	09/14/05
Customer:	[redacted]	Temperature:	23
Attendees:	[redacted]	Humidity:	38%
Project:		Barometric Pressure	30.11
Tested by:	[redacted] Power: Battery	Job Site:	EV04

TEST SPECIFICATIONS	Test Method

TEST PARAMETERS

Cable or Line Tested	Positive

COMMENTS

500 Ohm AAMI load.

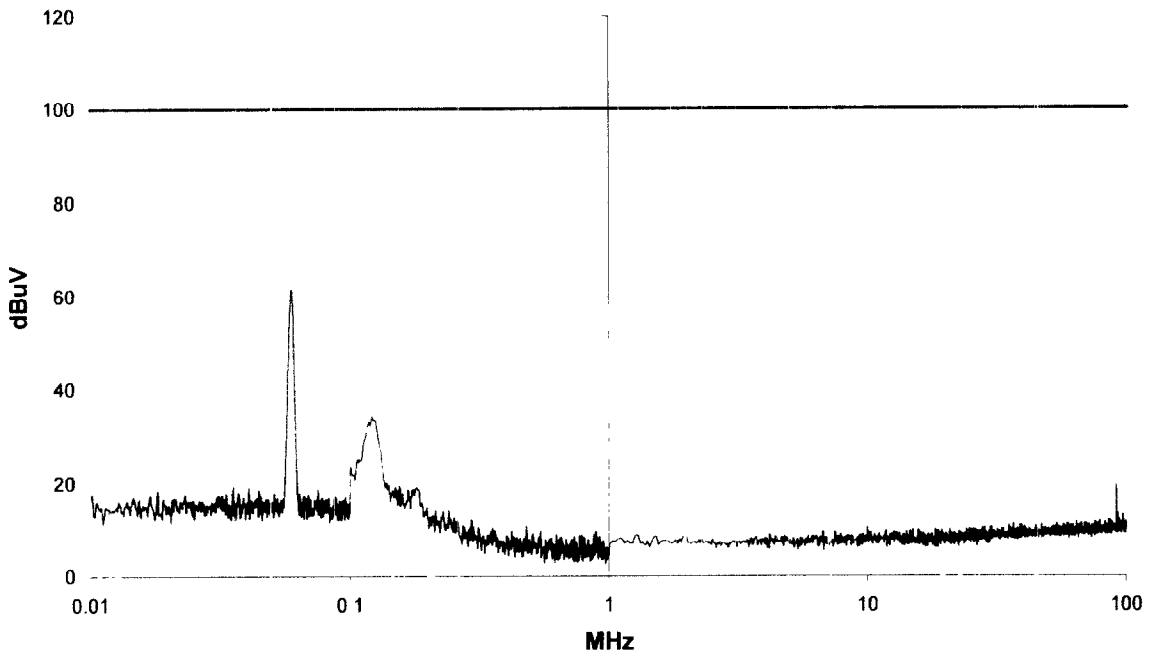
EUT OPERATING MODES

Normal operation

DEVIATIONS FROM TEST STANDARD

No deviations.

Run #	42	
Configuration #	3	
Results	Evaluation	Signature



Freq (MHz)	Amplitude (dBuV)			Transducer (dB)	Cable (dB)	External Attenuation (dB)		Detector (blank equal peaks [PK] from scan)		Adjusted dBuV	Spec Limit dBuV	Compared to Spec (dB)
0.060	61.7			0.0	0.0	0.0				61.7	100.0	-38.3
0.122	34.3			0.0	0.0	0.0				34.3	100.0	-65.7
0.100	23.7			0.0	0.0	0.0				23.7	100.0	-76.3
0.155	19.7			0.0	0.0	0.0				19.7	100.0	-80.3
91.600	17.1			0.0	2.5	0.0				19.6	100.0	-80.4
0.035	19.4			0.0	0.0	0.0				19.4	100.0	-80.6
0.150	19.3			0.0	0.0	0.0				19.3	100.0	-80.7
0.180	19.3			0.0	0.0	0.0				19.3	100.0	-80.7
0.041	19.2			0.0	0.0	0.0				19.2	100.0	-80.8
0.075	18.8			0.0	0.0	0.0				18.8	100.0	-81.2
0.168	18.8			0.0	0.0	0.0				18.8	100.0	-81.2
0.045	18.7			0.0	0.0	0.0				18.7	100.0	-81.3
0.018	18.5			0.0	0.0	0.0				18.5	100.0	-81.5
0.037	18.1			0.0	0.0	0.0				18.1	100.0	-81.9
0.051	18.0			0.0	0.0	0.0				18.0	100.0	-82.0
0.064	18.0			0.0	0.0	0.0				18.0	100.0	-82.0
0.159	18.0			0.0	0.0	0.0				18.0	100.0	-82.0
0.033	17.9			0.0	0.0	0.0				17.9	100.0	-82.1
0.010	17.8			0.0	0.0	0.0				17.8	100.0	-82.2

NORTHWEST EMC

CONDUCTED EMISSIONS - EVALUATION ONLY

ACQ 2009.12
EMI 2005.05

EUT:	Spinal Pak 1	Work Order:	CNTR0012
Serial Number:	A65120	Date:	09/14/05
Customer:	[redacted]	Temperature:	23
Attendees:	[redacted]	Humidity:	38%
Project:		Barometric Pressure	30.11
Tested by:	[redacted] Power: Battery	Job Site:	EV04

TEST SPECIFICATIONS	Test Method

TEST PARAMETERS

Cable or Line Tested	Positive

COMMENTS

600 Ohm AAMI load.

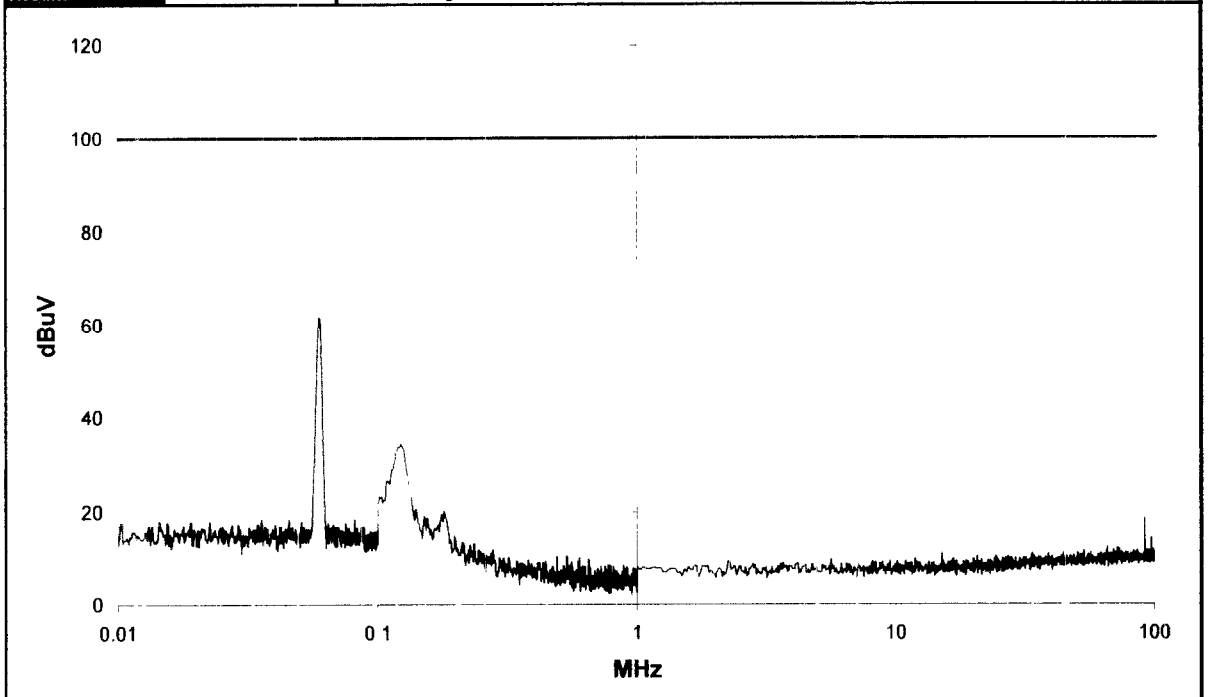
EUT OPERATING MODES

Normal operation

DEVIATIONS FROM TEST STANDARD

No deviations.

Run #	43	
Configuration #	3	
Results	Evaluation	Signature



Freq (MHz)	Amplitude (dBuV)			Transducer (dB)	Cable (dB)	External Attenuation (dB)		Detector (blank equal peaks (PK) from scan)		Adjusted dBuV	Spec Limit dBuV	Compared to Spec (dB)
0.059	61.8			0.0	0.0	0.0				61.8	100.0	-38.2
0.123	34.7			0.0	0.0	0.0				34.7	100.0	-65.3
0.141	20.8			0.0	0.0	0.0				20.8	100.0	-79.2
0.180	20.3			0.0	0.0	0.0				20.3	100.0	-79.7
0.151	19.2			0.0	0.0	0.0				19.2	100.0	-80.8
0.155	18.9			0.0	0.0	0.0				18.9	100.0	-81.1
91.740	16.1			0.0	2.6	0.0				18.7	100.0	-81.3
0.036	18.6			0.0	0.0	0.0				18.6	100.0	-81.4
0.081	18.6			0.0	0.0	0.0				18.6	100.0	-81.4
0.046	18.5			0.0	0.0	0.0				18.5	100.0	-81.5
0.014	18.2			0.0	0.0	0.0				18.2	100.0	-81.8
0.010	18.1			0.0	0.0	0.0				18.1	100.0	-81.9
0.019	18.1			0.0	0.0	0.0				18.1	100.0	-81.9
0.023	18.1			0.0	0.0	0.0				18.1	100.0	-81.9
0.051	18.1			0.0	0.0	0.0				18.1	100.0	-81.9
0.015	18.0			0.0	0.0	0.0				18.0	100.0	-82.0
0.065	17.7			0.0	0.0	0.0				17.7	100.0	-82.3
0.075	17.7			0.0	0.0	0.0				17.7	100.0	-82.3
0.034	17.6			0.0	0.0	0.0				17.6	100.0	-82.4

NORTHWEST EMC

CONDUCTED EMISSIONS - EVALUATION ONLY

ACD 2005.5.12
EMI 2005.4.05

EUT:	Spinal Pak 1	Work Order:	CNTR0012
Serial Number:	A65120	Date:	09/14/05
Customer:	[redacted]	Temperature:	23
Attendees:	[redacted]	Humidity:	38%
Project:		Barometric Pressure	30.11
Tested by:	[redacted] Power: Battery	Job Site:	EV04

TEST SPECIFICATIONS	Test Method

TEST PARAMETERS

Cable or Line Tested	Positive

COMMENTS

600 Ohm Resistive load.

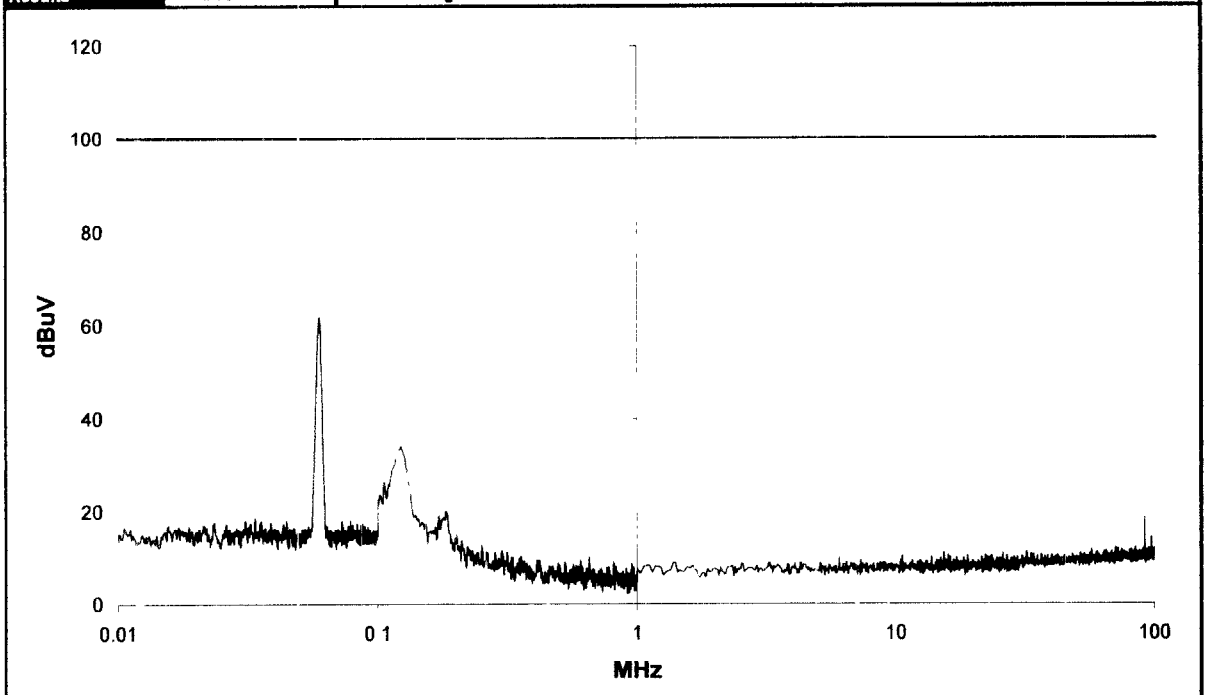
EUT OPERATING MODES

Normal operation

DEVIATIONS FROM TEST STANDARD

No deviations.

Run #	44	
Configuration #	3	
Results	Evaluation	Signature



Freq (MHz)	Amplitude (dBuV)			Transducer (dB)	Cable (dB)	External Attenuation (dB)		Detector (blank equal peaks [PK] from scan)		Adjusted dBuV	Spec Limit dBuV	Compared to Spec (dB)
0.059	61.8			0.0	0.0	0.0				61.8	100.0	-38.2
0.123	34.3			0.0	0.0	0.0				34.3	100.0	-65.7
0.106	26.4			0.0	0.0	0.0				26.4	100.0	-73.6
0.183	20.2			0.0	0.0	0.0				20.2	100.0	-79.8
0.172	19.2			0.0	0.0	0.0				19.2	100.0	-80.8
91.740	16.2			0.0	2.6	0.0				18.8	100.0	-81.2
0.034	18.7			0.0	0.0	0.0				18.7	100.0	-81.3
0.031	18.2			0.0	0.0	0.0				18.2	100.0	-81.8
0.045	18.2			0.0	0.0	0.0				18.2	100.0	-81.8
0.073	18.2			0.0	0.0	0.0				18.2	100.0	-81.8
0.078	18.2			0.0	0.0	0.0				18.2	100.0	-81.8
0.036	18.1			0.0	0.0	0.0				18.1	100.0	-81.9
0.023	17.8			0.0	0.0	0.0				17.8	100.0	-82.2
0.039	17.8			0.0	0.0	0.0				17.8	100.0	-82.2
0.032	17.6			0.0	0.0	0.0				17.6	100.0	-82.4
0.087	17.6			0.0	0.0	0.0				17.6	100.0	-82.4
0.026	17.5			0.0	0.0	0.0				17.5	100.0	-82.5
0.043	17.5			0.0	0.0	0.0				17.5	100.0	-82.5
0.083	17.5			0.0	0.0	0.0				17.5	100.0	-82.5

NORTHWEST EMC

CONDUCTED EMISSIONS - EVALUATION ONLY

ACQ:2005.9.12
EMI:2005.5.05

EUT:	Spinal Pak 1	Work Order:	CNTR0012
Serial Number:	A65120	Date:	09/14/05
Customer:	[redacted]	Temperature:	23
Attendees:	[redacted]	Humidity:	38%
Project:		Barometric Pressure	30.11
Tested by:	[redacted] Power: Battery	Job Site:	EV04

TEST SPECIFICATIONS	Test Method

TEST PARAMETERS

Cable or Line Tested	Positive

COMMENTS

500 Ohm Resistive load.

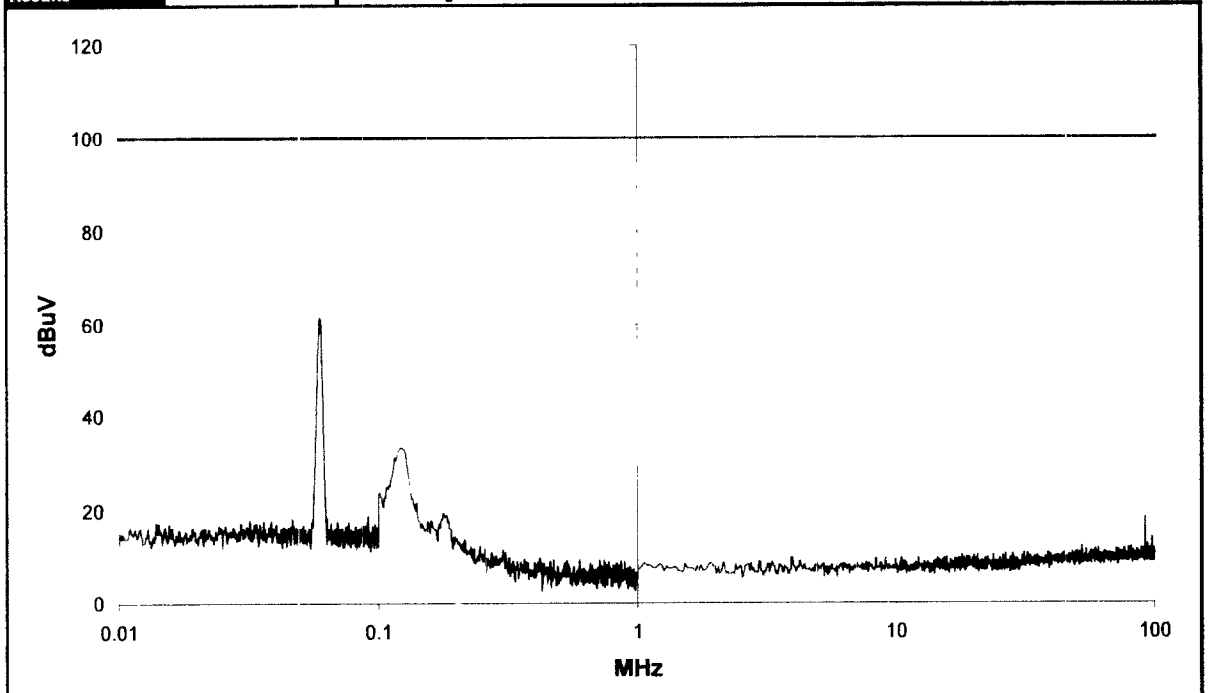
EUT OPERATING MODES

Normal operation

DEVIATIONS FROM TEST STANDARD

No deviations.

Run #	45	
Configuration #	3	
Results	Evaluation	Signature



Freq (MHz)	Amplitude (dBuV)			Transducer (dB)	Cable (dB)	External Attenuation (dB)		Detector (blank equal peaks [PK] from scan)		Adjusted dBuV	Spec Limit dBuV	Compared to Spec (dB)
0 059	61 7			0 0	0.0	0.0				61 7	100 0	-38 3
0 122	33 7			0 0	0.0	0.0				33 7	100 0	-66.3
0.101	24 1			0 0	0 0	0.0				24 1	100 0	-75.9
0 177	19 7			0.0	0.0	0 0				19 7	100 0	-80 3
0 091	19 1			0 0	0 0	0 0				19 1	100.0	-80.9
91 740	16 2			0.0	2 6	0 0				18 8	100.0	-81 2
0.063	18 7			0 0	0 0	0 0				18 7	100 0	-81.3
0 047	18.6			0 0	0 0	0 0				18 6	100 0	-81 4
0 036	18 2			0 0	0 0	0.0				18.2	100 0	-81 8
0 032	18 1			0 0	0 0	0 0				18 1	100 0	-81 9
0 159	18 1			0 0	0 0	0 0				18 1	100 0	-81 9
0 039	18.0			0.0	0.0	0.0				18.0	100 0	-82.0
0 069	18 0			0 0	0.0	0.0				18 0	100 0	-82.0
0 155	18 0			0.0	0 0	0.0				18 0	100.0	-82 0
0 077	17 8			0 0	0 0	0 0				17 8	100.0	-82.2
0 091	17 8			0 0	0.0	0.0				17 8	100 0	-82.2
0 014	17 6			0.0	0 0	0 0				17 6	100.0	-82 4
0 029	17 5			0.0	0 0	0 0				17 5	100.0	-82 5
0 066	17 5			0 0	0 0	0 0				17 5	100 0	-82 5

NORTHWEST EMC

CONDUCTED EMISSIONS - EVALUATION ONLY

AQO 2005.9.12
EMI 2005.5.05

EUT:	Spinal Pak 1	Work Order:	CNTR0012
Serial Number:	A65120	Date:	09/14/05
Customer:	[redacted]	Temperature:	23
Attendees:	[redacted]	Humidity:	38%
Project:		Barometric Pressure	30.11
Tested by:	[redacted] Power: Battery	Job Site:	EV04

TEST SPECIFICATIONS	Test Method

TEST PARAMETERS

Cable or Line Tested	Positive

COMMENTS

400 Ohm Resistive load.

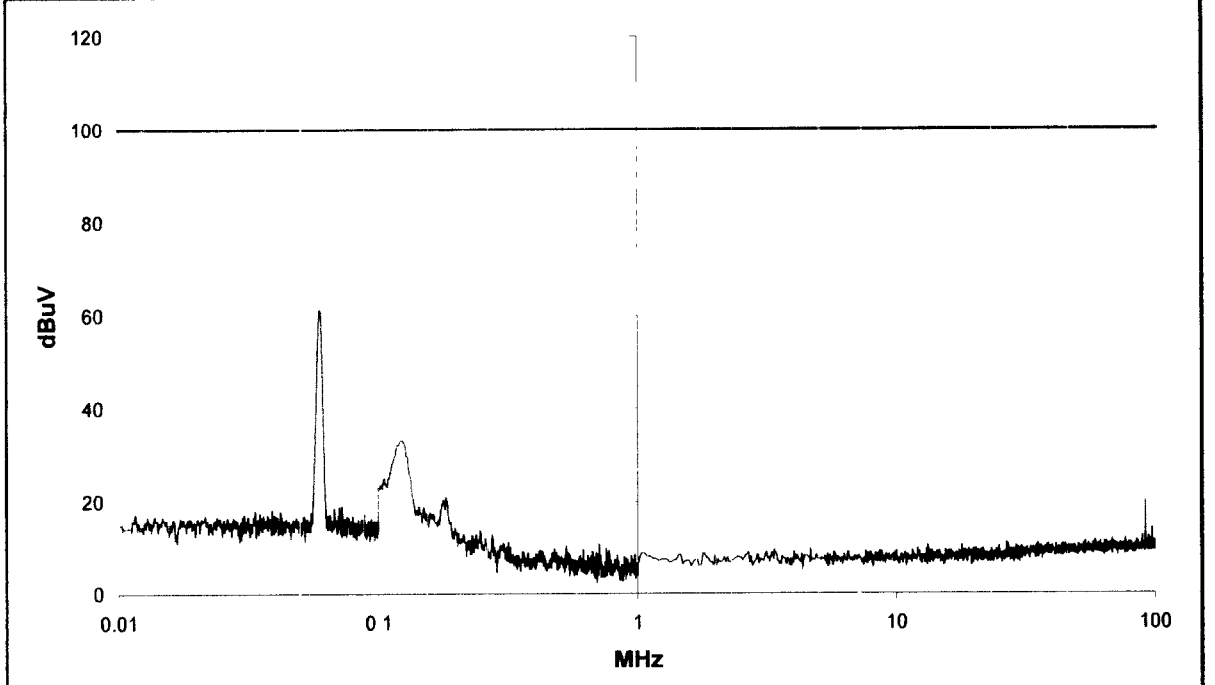
EUT OPERATING MODES

Normal operation

DEVIATIONS FROM TEST STANDARD

No deviations.

Run #	46	
Configuration #	3	
Results	Evaluation	Signature



Freq (MHz)	Amplitude (dBuV)			Transducer (dB)	Cable (dB)	External Attenuation (dB)		Detector (blank equal peaks [PK] from scan)		Adjusted dBuV	Spec Limit dBuV	Compared to Spec (dB)
0.059	61.5			0.0	0.0	0.0				61.5	100.0	-38.5
0.123	33.5			0.0	0.0	0.0				33.5	100.0	-66.5
0.182	21.0			0.0	0.0	0.0				21.0	100.0	-79.0
91.600	17.5			0.0	2.5	0.0				20.0	100.0	-80.0
0.072	19.2			0.0	0.0	0.0				19.2	100.0	-80.8
0.071	19.0			0.0	0.0	0.0				19.0	100.0	-81.0
0.150	18.9			0.0	0.0	0.0				18.9	100.0	-81.1
0.068	18.6			0.0	0.0	0.0				18.6	100.0	-81.4
0.039	18.3			0.0	0.0	0.0				18.3	100.0	-81.7
0.033	18.1			0.0	0.0	0.0				18.1	100.0	-81.9
0.042	18.0			0.0	0.0	0.0				18.0	100.0	-82.0
0.055	17.8			0.0	0.0	0.0				17.8	100.0	-82.2
0.158	17.8			0.0	0.0	0.0				17.8	100.0	-82.2
0.035	17.6			0.0	0.0	0.0				17.6	100.0	-82.4
0.012	17.5			0.0	0.0	0.0				17.5	100.0	-82.5
0.088	17.5			0.0	0.0	0.0				17.5	100.0	-82.5
0.030	17.3			0.0	0.0	0.0				17.3	100.0	-82.7
0.065	17.3			0.0	0.0	0.0				17.3	100.0	-82.7
0.037	17.2			0.0	0.0	0.0				17.2	100.0	-82.8

NORTHWEST EMC

CONDUCTED EMISSIONS - EVALUATION ONLY

ACO 2005.9.12
EMI 2005.5.05

EUT:	Spinal Pak 1	Work Order:	CNTR0012
Serial Number:	A65120	Date:	09/14/05
Customer:	[redacted]	Temperature:	23
Attendees:	[redacted]	Humidity:	38%
Project:		Barometric Pressure	30.11
Tested by:	[redacted]	Power: Battery	Job Site: EV04

TEST SPECIFICATIONS | **Test Method**

TEST PARAMETERS

Cable or Line Tested: Positive

COMMENTS

300 Ohm Resistive load.

EUT OPERATING MODES

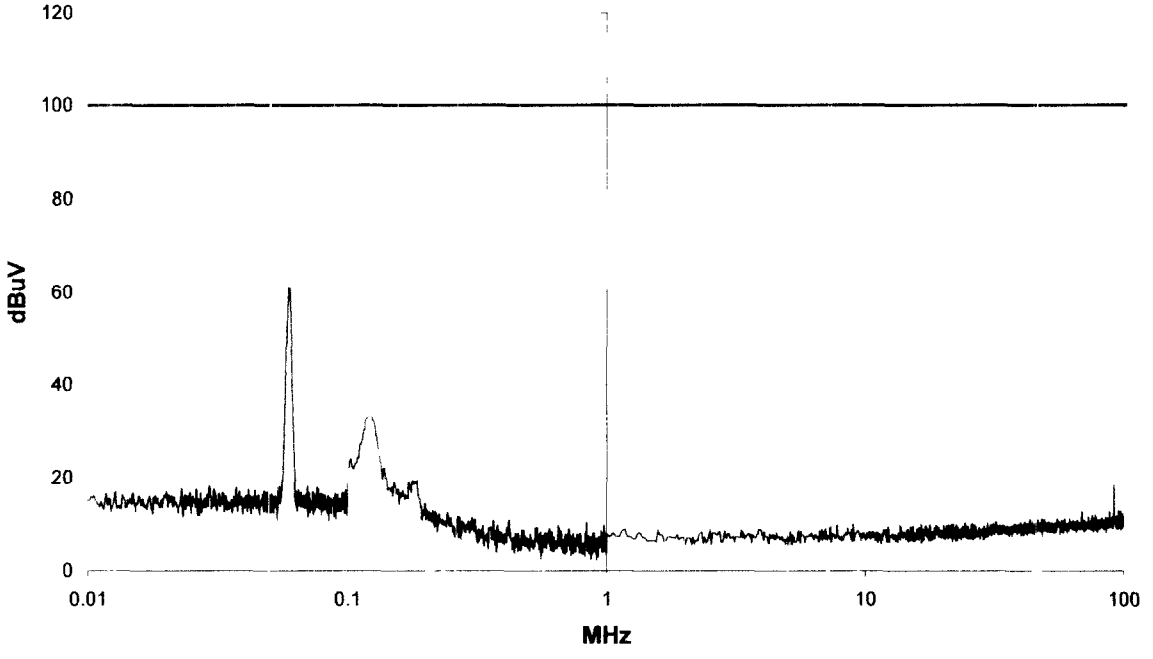
Normal operation

DEVIATIONS FROM TEST STANDARD

No deviations.

Run #	47
Configuration #	3
Results	Evaluation

Signature



Freq (MHz)	Amplitude (dBuV)			Transducer (dB)	Cable (dB)	External Attenuation (dB)		Detector (bank equal peaks [PK] from scan)		Adjusted dBuV	Spec Limit dBuV	Compared to Spec (dB)
0 059	61 2			0 0	0 0	0.0				61 2	100 0	-38.8
0 123	33 3			0 0	0.0	0.0				33 3	100 0	-66 7
0.103	24 1			0 0	0 0	0.0				24 1	100 0	-75 9
0 139	22 3			0.0	0.0	0.0				22 3	100 0	-77 7
0 185	19 6			0 0	0 0	0 0				19.6	100 0	-80 4
0 173	19 2			0.0	0 0	0 0				19 2	100.0	-80.8
0 151	19 1			0 0	0 0	0 0				19 1	100 0	-80 9
91 600	15.9			0 0	2.5	0.0				18 4	100 0	-81 6
0 029	18 3			0.0	0 0	0 0				18.3	100 0	-81 7
0 070	18 3			0 0	0 0	0.0				18 3	100 0	-81 7
0 055	18 1			0.0	0 0	0 0				18 1	100 0	-81 9
0.037	18 0			0.0	0 0	0 0				18.0	100 0	-82 0
0.054	18 0			0 0	0 0	0 0				18 0	100 0	-82 0
0.077	18 0			0 0	0 0	0 0				18.0	100 0	-82 0
0 023	17 7			0 0	0 0	0 0				17 7	100 0	-82 3
0 077	17 7			0 0	0 0	0 0				17 7	100 0	-82 3
0 026	17.6			0 0	0 0	0 0				17 6	100.0	-82 4
0 031	17 6			0 0	0 0	0.0				17 6	100.0	-82 4
0 042	17 5			0 0	0 0	0 0				17 5	100 0	-82 5

NORTHWEST EMC

CONDUCTED EMISSIONS - EVALUATION ONLY

ACD 2005.5.12
EMI 2005.5.06

EUT:	Spinal Pak 1	Work Order:	CNTR00[illegible]2
Serial Number:	A65120	Date:	09/14/05
Customer:	[redacted]	Temperature:	23
Attendees:	[redacted]	Humidity:	38%
Project:		Barometric Pressure	30.11
Tested by:	[redacted]	Job Site:	EV04
	Power: Battery		

TEST SPECIFICATIONS | **Test Method**

TEST PARAMETERS

Cable or Line Tested: Positive

COMMENTS

200 Ohm Resistive load.

EUT OPERATING MODES

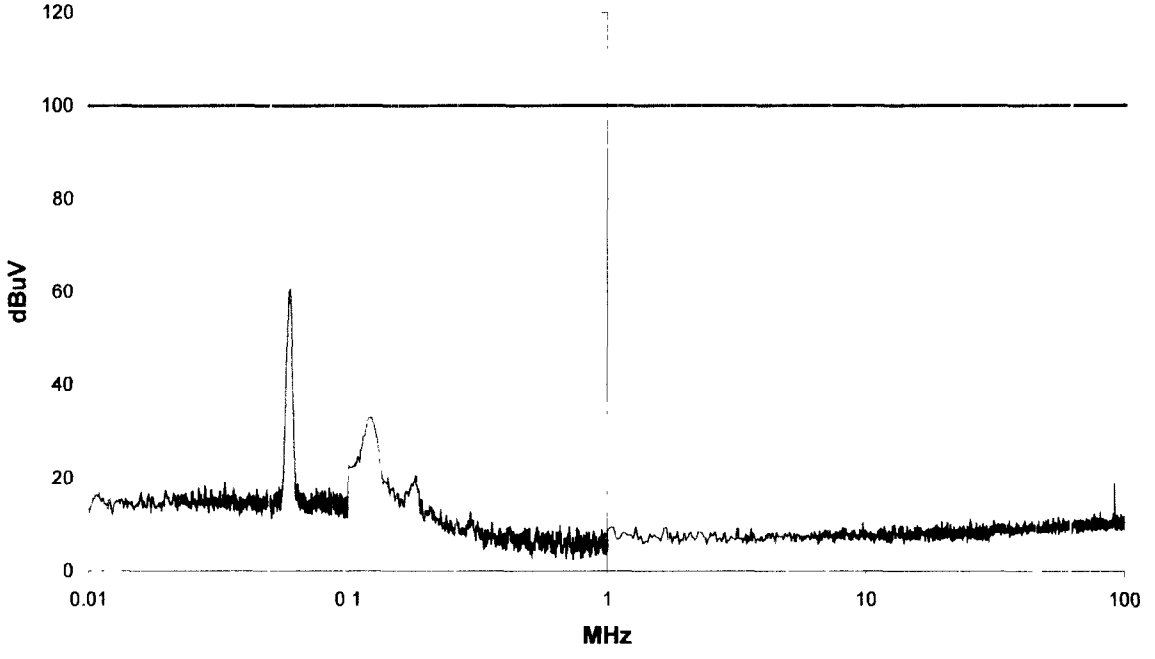
Normal operation

DEVIATIONS FROM TEST STANDARD

No deviations.

Run #	48
Configuration #	3
Results	Evaluation

Signature



Freq (MHz)	Amplitude (dBuV)			Transducer (dB)	Cable (dB)	External Attenuation (dB)		Detector (Rank equal peaks [PK] from scan)		Adjusted dBuV	Spec Limit dBuV	Compared to Spec (dB)
0.059	60.6			0.0	0.0	0.0				60.6	100.0	-39.4
0.123	33.2			0.0	0.0	0.0				33.2	100.0	-66.8
0.182	20.8			0.0	0.0	0.0				20.8	100.0	-79.2
0.034	19.1			0.0	0.0	0.0				19.1	100.0	-80.9
91.740	16.3			0.0	2.6	0.0				18.9	100.0	-81.1
0.064	18.8			0.0	0.0	0.0				18.8	100.0	-81.2
0.028	18.3			0.0	0.0	0.0				18.3	100.0	-81.7
0.054	18.1			0.0	0.0	0.0				18.1	100.0	-81.9
0.036	18.0			0.0	0.0	0.0				18.0	100.0	-82.0
0.027	17.9			0.0	0.0	0.0				17.9	100.0	-82.1
0.085	17.9			0.0	0.0	0.0				17.9	100.0	-82.1
0.076	17.8			0.0	0.0	0.0				17.8	100.0	-82.2
0.045	17.7			0.0	0.0	0.0				17.7	100.0	-82.3
0.020	17.5			0.0	0.0	0.0				17.5	100.0	-82.5
0.030	17.5			0.0	0.0	0.0				17.5	100.0	-82.5
0.049	17.5			0.0	0.0	0.0				17.5	100.0	-82.5
0.055	17.4			0.0	0.0	0.0				17.4	100.0	-82.6
0.079	17.4			0.0	0.0	0.0				17.4	100.0	-82.6
0.025	17.3			0.0	0.0	0.0				17.3	100.0	-82.7

NORTHWEST EMC

CONDUCTED EMISSIONS - EVALUATION ONLY

ACD 2005.9.12
EMI 2005.5.05

EUT:	Spinal Pak 1	Work Order:	CNTR0012
Serial Number:	A65120	Date:	09/14/05
Customer:	[redacted]	Temperature:	23
Attendees:	[redacted]	Humidity:	38%
Project:		Barometric Pressure	30.11
Tested by:	[redacted] Power: Battery	Job Site:	EV04

TEST SPECIFICATIONS | **Test Method**

TEST PARAMETERS

Cable or Line Tested	Positive

COMMENTS

100 Ohm Resistive load.

EUT OPERATING MODES

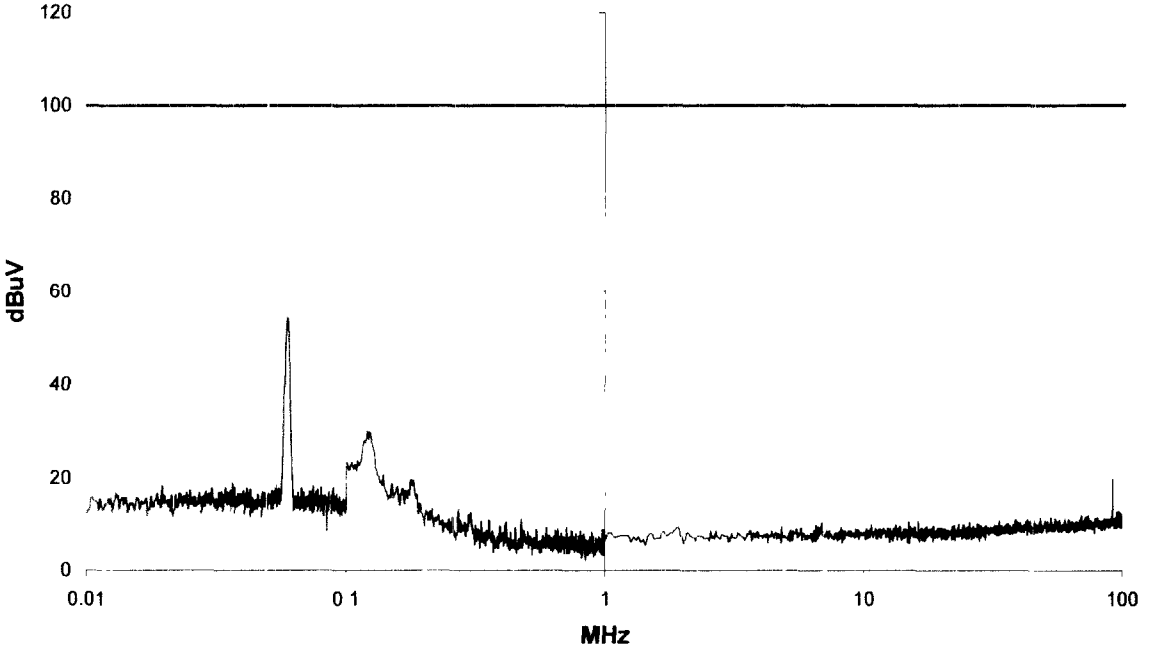
Normal operation

DEVIATIONS FROM TEST STANDARD

No deviations.

Run #	49
Configuration #	3
Results	Evaluation

Signature



Freq (MHz)	Amplitude (dBuV)			Transducer (dB)	Cable (dB)	External Attenuation (dB)		Detector (blank equal peaks [PK] from scan)		Adjusted dBuV	Spec Limit dBuV	Compared to Spec (dB)
0.060	54.5			0.0	0.0	0.0				54.5	100.0	-45.5
0.121	30.0			0.0	0.0	0.0				30.0	100.0	-70.0
0.140	20.8			0.0	0.0	0.0				20.8	100.0	-79.2
91.600	17.3			0.0	2.5	0.0				19.8	100.0	-80.2
0.178	19.8			0.0	0.0	0.0				19.8	100.0	-80.2
0.036	19.1			0.0	0.0	0.0				19.1	100.0	-80.9
0.150	19.0			0.0	0.0	0.0				19.0	100.0	-81.0
0.054	18.4			0.0	0.0	0.0				18.4	100.0	-81.6
0.020	18.2			0.0	0.0	0.0				18.2	100.0	-81.8
0.075	18.2			0.0	0.0	0.0				18.2	100.0	-81.8
0.158	18.1			0.0	0.0	0.0				18.1	100.0	-81.9
0.037	17.9			0.0	0.0	0.0				17.9	100.0	-82.1
0.080	17.9			0.0	0.0	0.0				17.9	100.0	-82.1
0.089	17.9			0.0	0.0	0.0				17.9	100.0	-82.1
0.034	17.8			0.0	0.0	0.0				17.8	100.0	-82.2
0.041	17.8			0.0	0.0	0.0				17.8	100.0	-82.2
0.067	17.8			0.0	0.0	0.0				17.8	100.0	-82.2
0.030	17.7			0.0	0.0	0.0				17.7	100.0	-82.3
0.055	17.7			0.0	0.0	0.0				17.7	100.0	-82.3

NORTHWEST EMC

CONDUCTED EMISSIONS - EVALUATION ONLY

ACD 2005.9.12
EMI 2005.5.05

EUT:	Spinal Pak 1	Work Order:	CNTR0012
Serial Number:	A65120	Date:	09/14/05
Customer:	[redacted]	Temperature:	23
Attendees:	[redacted]	Humidity:	38%
Project:		Barometric Pressure	30.11
Tested by:	[redacted]	Job Site:	EV04
Power:	Battery		

TEST SPECIFICATIONS | Test Method

TEST PARAMETERS

Cable or Line Tested: Positive

COMMENTS

500 Ohm AAMI load.

EUT OPERATING MODES

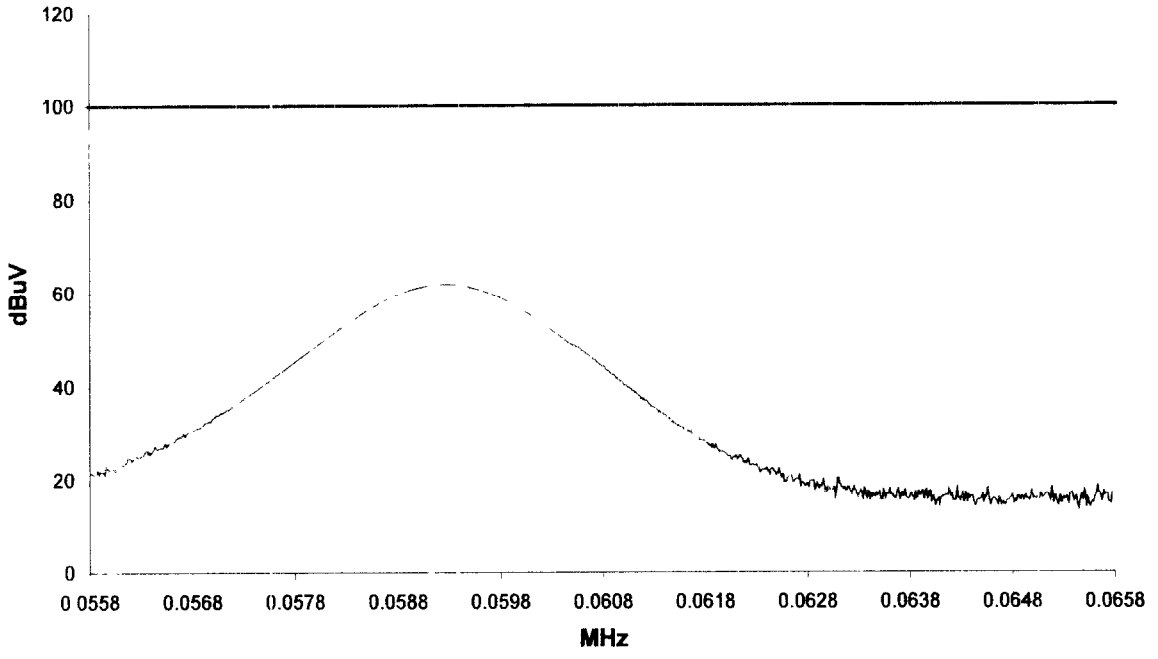
Normal operation

DEVIATIONS FROM TEST STANDARD

No deviations.

Run #	50
Configuration #	3
Results	Evaluation

Signature



Freq (MHz)	Amplitude (dBuV)			Transducer (dB)	Cable (dB)	External Attenuation (dB)		Detector (blank equal peaks [PK] from scan)		Adjusted dBuV	Spec Limit dBuV	Compared to Spec (dB)
0 059	61.9			0 0	0 0	0 0				61 9	100 0	-38 1
0 063	20 4			0 0	0 0	0.0				20 4	100 0	-79 6
0 063	20 1			0 0	0 0	0.0				20 1	100 0	-79 9
0 066	18 8			0 0	0 0	0 0				18 8	100 0	-81 2
0 063	18 7			0 0	0 0	0.0				18 7	100 0	-81 3
0 064	18.7			0 0	0 0	0.0				18.7	100.0	-81.3
0.064	18 4			0 0	0.0	0.0				18.4	100 0	-81.6
0 065	18 4			0.0	0 0	0.0				18 4	100 0	-81 6
0.063	18.3			0.0	0.0	0 0				18 3	100 0	-81 7
0 065	18 3			0 0	0.0	0.0				18 3	100 0	-81 7
0 064	18 2			0.0	0.0	0 0				18.2	100.0	-81 8
0 064	18 1			0 0	0.0	0.0				18.1	100 0	-81 9
0 064	18.0			0 0	0 0	0 0				18 0	100 0	-82 0
0 064	18.0			0 0	0 0	0.0				18 0	100 0	-82 0
0.065	18 0			0 0	0.0	0.0				18 0	100 0	-82 0
0 063	17.9			0 0	0 0	0 0				17 9	100.0	-82 1
0 064	17.9			0 0	0 0	0.0				17 9	100 0	-82 1
0 065	17 8			0 0	0.0	0.0				17 8	100 0	-82 2
0 064	17 7			0.0	0 0	0 0				17 7	100.0	-82.3

NORTHWEST EMC

CONDUCTED EMISSIONS - EVALUATION ONLY

ACD 2005 9.12
EMI 2005 5.05

EUT:	Spinal Pak 1	Work Order:	CNTR0012
Serial Number:	A65120	Date:	09/14/05
Customer:	[redacted]	Temperature:	23
Attendees:	[redacted]	Humidity:	38%
Project:		Barometric Pressure	30.11
Tested by:	[redacted] Power: Battery	Job Site:	EV04

TEST SPECIFICATIONS | Test Method

TEST PARAMETERS

Cable or Line Tested: Positive

COMMENTS

500 Ohm AAMI load.

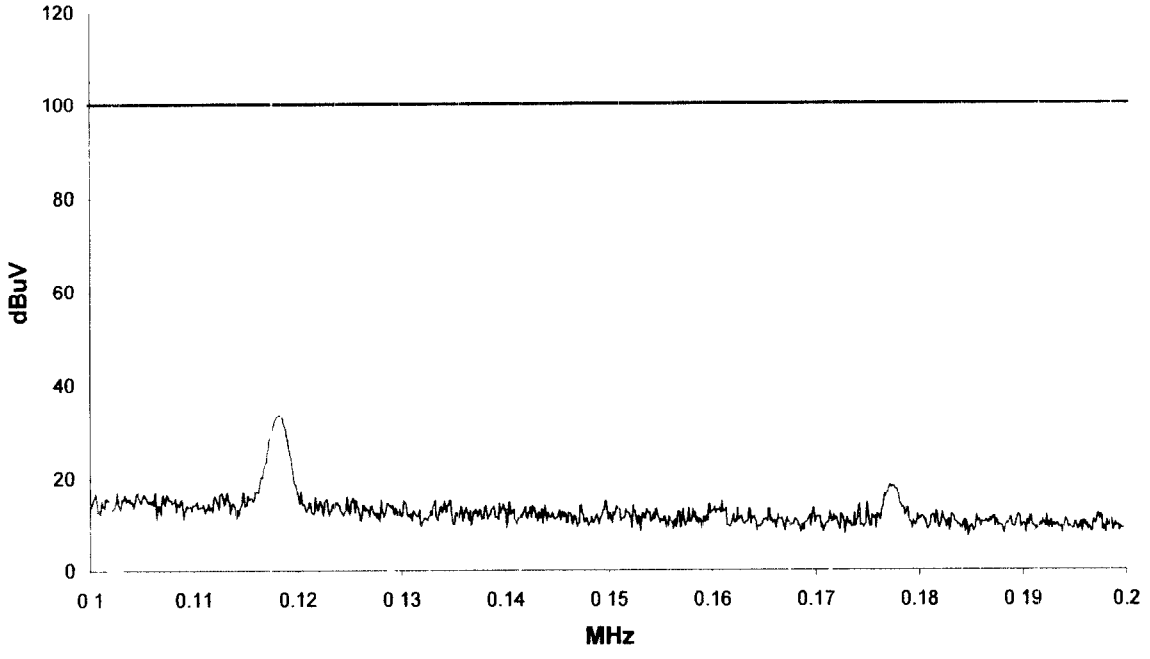
EUT OPERATING MODES

Normal operation

DEVIATIONS FROM TEST STANDARD

No deviations.

Run #	51	
Configuration #	3	
Results	Evaluation	Signature



Freq (MHz)	Amplitude (dBuV)			Transducer (dB)	Cable (dB)	External Attenuation (dB)		Detector (blank equal peaks [PK] from scan)		Adjusted dBuV	Spec Limit dBuV	Compared to Spec (dB)
0 118	33.6			0 0	0 0	0.0				33.6	100 0	-66 4
0 177	18 6			0.0	0 0	0.0				18 6	100.0	-81 4
0.120	17 3			0.0	0 0	0.0				17 3	100 0	-82 7
0 103	17 1			0.0	0.0	0.0				17 1	100 0	-82 9
0 105	16 9			0 0	0 0	0.0				16 9	100.0	-83 1
0.106	16.9			0.0	0.0	0.0				16 9	100 0	-83 1
0 113	16 9			0 0	0 0	0 0				16.9	100 0	-83 1
0 115	16.9			0.0	0 0	0.0				16 9	100 0	-83 1
0 113	16 7			0.0	0 0	0.0				16 7	100 0	-83.3
0 101	16.6			0 0	0.0	0.0				16 6	100 0	-83 4
0 103	16.5			0.0	0 0	0 0				16 5	100 0	-83 5
0 107	16.5			0.0	0 0	0 0				16.5	100 0	-83.5
0 107	16.4			0 0	0 0	0 0				16 4	100 0	-83.6
0 112	16 1			0 0	0 0	0 0				16 1	100.0	-83 9
0 125	16 1			0 0	0 0	0.0				16 1	100 0	-83 9
0 122	15 9			0 0	0 0	0 0				15.9	100 0	-84 1
0 125	15 8			0 0	0.0	0 0				15 8	100 0	-84 2
0 102	15.6			0 0	0 0	0 0				15.6	100.0	-84 4
0 109	15 4			0 0	0 0	0 0				15 4	100 0	-84 6

Section 2. SpecAnal\SP1S13787 Data.pdf

1 of 15 pgs.

NORTHWEST EMC

CONDUCTED EMISSIONS - EVALUATION ONLY

ACD 2005.9.19
EV 2005.5.6

EUT:	Spinal Pak 1	Work Order:	CNTF:0012
Serial Number:	S13787	Date:	09/14/05
Customer:	[redacted]	Temperature:	23
Attendees:	[redacted]	Humidity:	38%
Project:		Barometric Pressure	30.11
Tested by:	[redacted] Power: Battery	Job Site:	EV04

TEST SPECIFICATIONS	Test Method

TEST PARAMETERS

Cable or Line Tested	Positive

COMMENTS

600 Ohm AAMI load.

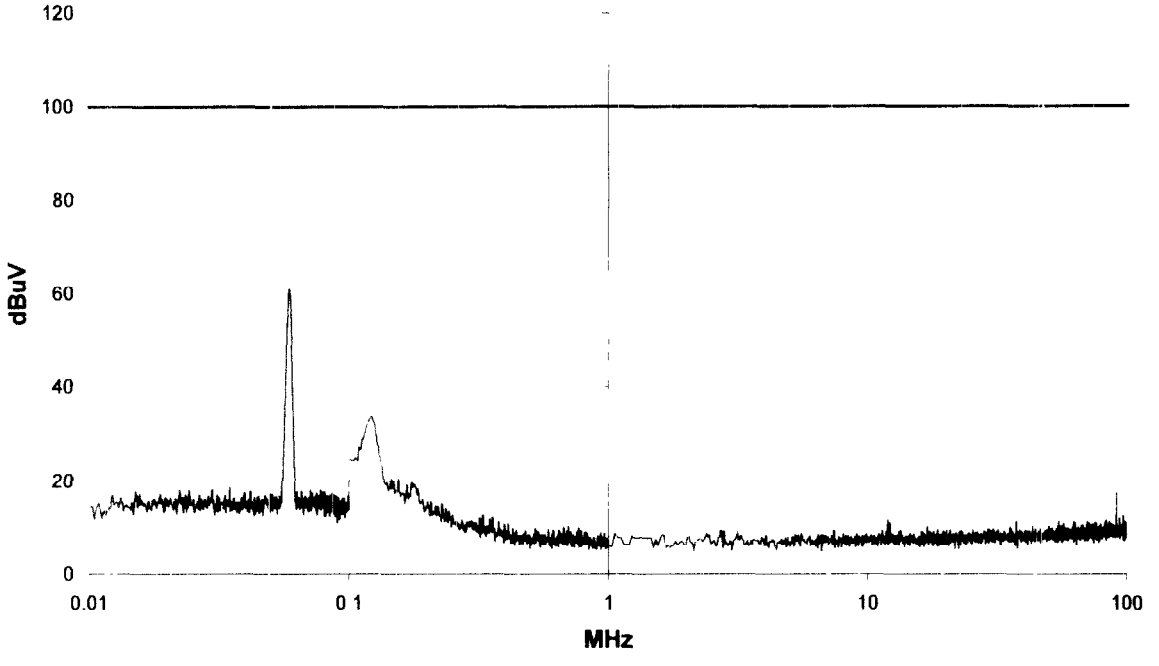
EUT OPERATING MODES

Normal operation

DEVIATIONS FROM TEST STANDARD

No deviations.

Run #	23	
Configuration #	2	
Results	Evaluation	Signature



Freq (MHz)	Amplitude (dBuV)			Transducer (dB)	Cable (dB)	External Attenuation (dB)		Detector (blank equal peaks (PK) from scan)		Adjusted dBuV	Spec. Limit dBuV	Compared to Spec (dB)
0.059	61.2			0.0	0.0	0.0				61.2	100.0	-38.8
0.122	33.9			0.0	0.0	0.0				33.9	100.0	-66.1
0.145	20.6			0.0	0.0	0.0				20.6	100.0	-79.4
0.155	20.5			0.0	0.0	0.0				20.5	100.0	-79.5
0.175	19.8			0.0	0.0	0.0				19.8	100.0	-80.2
0.168	19.3			0.0	0.0	0.0				19.3	100.0	-80.7
0.035	18.7			0.0	0.0	0.0				18.7	100.0	-81.3
0.024	18.2			0.0	0.0	0.0				18.2	100.0	-81.8
0.030	18.2			0.0	0.0	0.0				18.2	100.0	-81.8
0.022	18.1			0.0	0.0	0.0				18.1	100.0	-81.9
0.071	18.1			0.0	0.0	0.0				18.1	100.0	-81.9
0.078	18.1			0.0	0.0	0.0				18.1	100.0	-81.9
91.600	15.4			0.0	2.5	0.0				17.9	100.0	-82.1
0.015	17.9			0.0	0.0	0.0				17.9	100.0	-82.1
0.042	17.9			0.0	0.0	0.0				17.9	100.0	-82.1
0.050	17.9			0.0	0.0	0.0				17.9	100.0	-82.1
0.066	17.8			0.0	0.0	0.0				17.8	100.0	-82.2
0.079	17.8			0.0	0.0	0.0				17.8	100.0	-82.2
0.063	17.7			0.0	0.0	0.0				17.7	100.0	-82.3

NORTHWEST EMC

CONDUCTED EMISSIONS - EVALUATION ONLY

ACQ 2005[illegible]12
EMI 2005[illegible]05

EUT:	Spinal Pak 1	Work Order:	CNTR0012
Serial Number:	S13787	Date:	09/14/05
Customer:	[redacted]	Temperature:	23
Attendees:	[redacted]	Humidity:	38%
Project:		Barometric Pressure	30.11
Tested by:	[redacted]	Power: Battery	Job Site: EV04

TEST SPECIFICATIONS | **Test Method**

TEST PARAMETERS

Cable or Line Tested	Positive

COMMENTS

500 Ohm AAMI load.

EUT OPERATING MODES

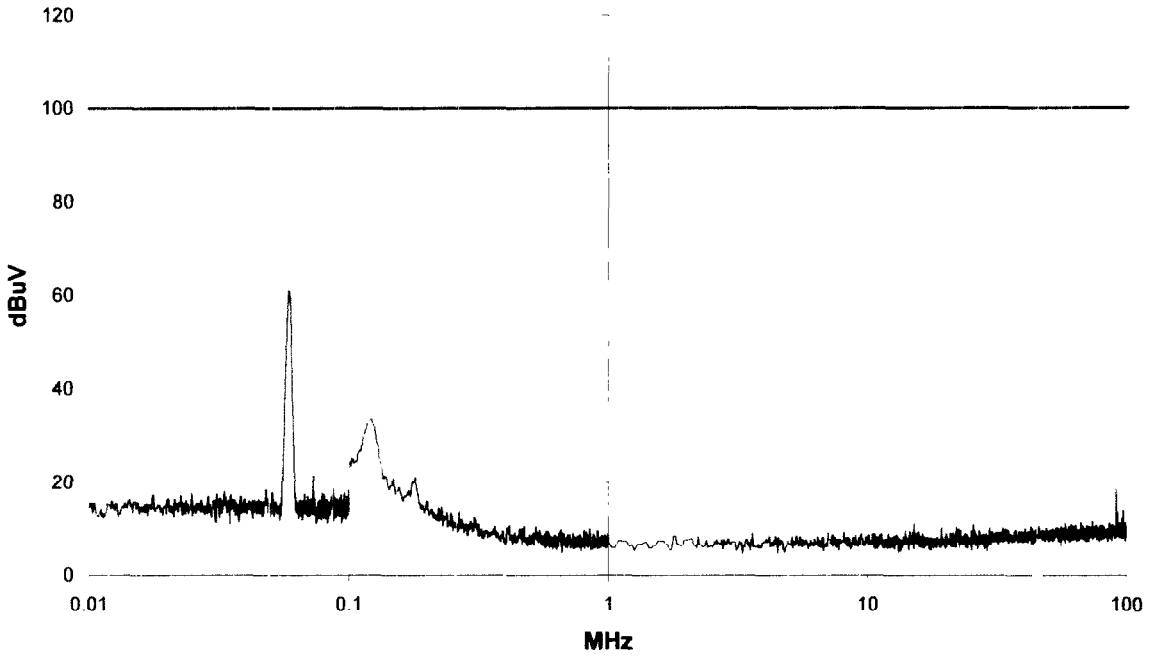
Normal operation

DEVIATIONS FROM TEST STANDARD

No deviations.

Run #	24
Configuration #	2
Results	Evaluation

Signature



Freq (MHz)	Amplitude (dBuV)			Transducer (dB)	Cable (dB)	External Attenuation (dB)		Detector (blank equal peaks [PK] from scan)		Adjusted dBuV	Spec Limit dBuV	Compared to Spec (dB)
0 059	61 1			0.0	0 0	0.0				61 1	100 0	-38.9
0 122	33 8			0 0	0 0	0.0				33 8	100 0	-66.2
0.073	21.5			0.0	0 0	0 0				21 5	100 0	-78 5
0 179	21 3			0.0	0 0	0.0				21 3	100 0	-78 7
0 148	21.0			0 0	0 0	0 0				21 0	100 0	-79 0
0 087	18.7			0.0	0 0	0.0				18.7	100.0	-81 3
91 600	16 0			0 0	2 5	0 0				18 5	100 0	-81 5
0 048	18 5			0 0	0 0	0 0				18 5	100 0	-81 5
0 033	18 1			0 0	0 0	0.0				18 1	100 0	-81 9
0 051	18.0			0 0	0 0	0 0				18 0	100 0	-82.0
0 096	17 9			0 0	0 0	0.0				17 9	100.0	-82 1
0 079	17 7			0 0	0.0	0.0				17 7	100 0	-82.3
0.025	17 6			0.0	0.0	0.0				17 6	100 0	-82 4
0 018	17 5			0 0	0 0	0 0				17.5	100.0	-82.5
0 031	17 5			0 0	0 0	0.0				17 5	100.0	-82 5
0 068	17 5			0 0	0 0	0 0				17 5	100 0	-82 5
0 035	17 4			0 0	0 0	0.0				17.4	100 0	-82 6
0 081	17 4			0.0	0.0	0.0				17.4	100.0	-82 6
0 023	17 3			0 0	0.0	0.0				17 3	100.0	-82 7

NORTHWEST EMC

CONDUCTED EMISSIONS - EVALUATION ONLY

ACD 2005 [illegible]
EMI 2005 [illegible]

EUT:	Spinal Pak 1	Work Order:	CNTR0012
Serial Number:	S13787	Date:	09/14/05
Customer:	[redacted]	Temperature:	23
Attendees:	[redacted]	Humidity:	38%
Project:		Barometric Pressure	30.11
Tested by:	[redacted] Power: Battery	Job Site:	EV04

TEST SPECIFICATIONS | **Test Method**

TEST PARAMETERS

Cable or Line Tested	Positive

COMMENTS

400 Ohm AAMI load.

EUT OPERATING MODES

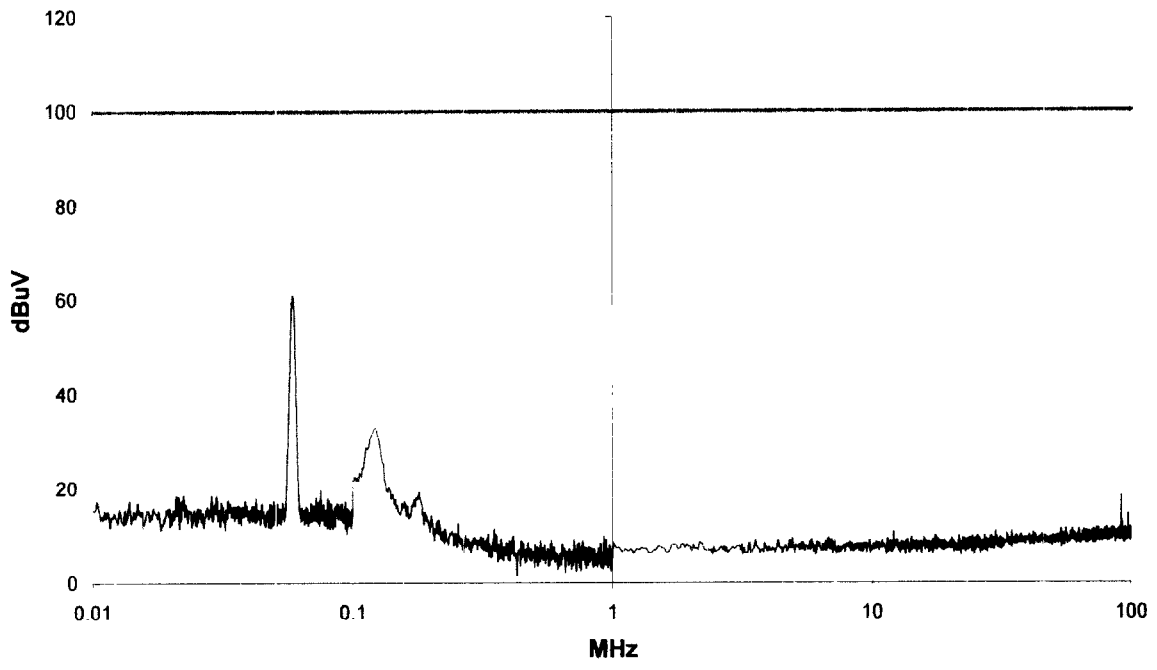
Normal operation

DEVIATIONS FROM TEST STANDARD

No deviations.

Run #	25
Configuration #	2
Results	Evaluation

Signature



Freq (MHz)	Amplitude (dBuV)			Transducer (dB)	Cable (dB)	External Attenuation (dB)		Detector (blank equal peaks (PK) from scan)		Adjusted dBuV	Spec Limit dBuV	Compared to Spec (dB)
0 059	61 0			0 0	0.0	0 0				61 0	100 0	-39.0
0 123	33 0			0 0	0 0	0.0				33.0	100 0	-67.0
0.075	19 8			0.0	0 0	0.0				19.8	100.0	-80.2
0 180	19 3			0.0	0.0	0.0				19 3	100 0	-80 7
0 021	18 6			0 0	0.0	0.0				18.6	100.0	-81.4
0 022	18 6			0 0	0.0	0.0				18.6	100.0	-81.4
0 030	18 6			0.0	0 0	0.0				18.6	100.0	-81.4
91 600	16 0			0.0	2 5	0.0				18.5	100.0	-81 5
0.029	18 5			0.0	0.0	0.0				18 5	100.0	-81 5
0 021	18 4			0 0	0.0	0 0				18.4	100.0	-81 6
0 072	18.1			0 0	0.0	0.0				18.1	100 0	-81.9
0 043	18 0			0.0	0.0	0.0				18.0	100.0	-82.0
0 080	18 0			0 0	0 0	0.0				18.0	100 0	-82 0
0 033	17 6			0.0	0.0	0.0				17 6	100 0	-82 4
0 081	17 6			0.0	0.0	0 0				17 6	100 0	-82.4
0 010	17 4			0.0	0.0	0.0				17.4	100.0	-82 6
0 014	17 4			0.0	0.0	0.0				17.4	100.0	-82.6
0 039	17.4			0.0	0.0	0.0				17.4	100.0	-82.6
0 050	17.4			0 0	0 0	0 0				17 4	100.0	-82.6

NORTHWEST EMC

CONDUCTED EMISSIONS - EVALUATION ONLY

ACQ 2005 9 12
EMI 2005 5 05

EUT:	Spinal Pak 1	Work Order:	CNTR0012
Serial Number:	S13787	Date:	09/14/05
Customer:	[redacted]	Temperature:	23
Attendees:	[redacted]	Humidity:	38%
Project:		Barometric Pressure	30.11
Tested by:	[redacted] Power: Battery	Job Site:	EV04

TEST SPECIFICATIONS | **Test Method**

TEST PARAMETERS

Cable or Line Tested: Positive

COMMENTS

300 Ohm AAMI load.

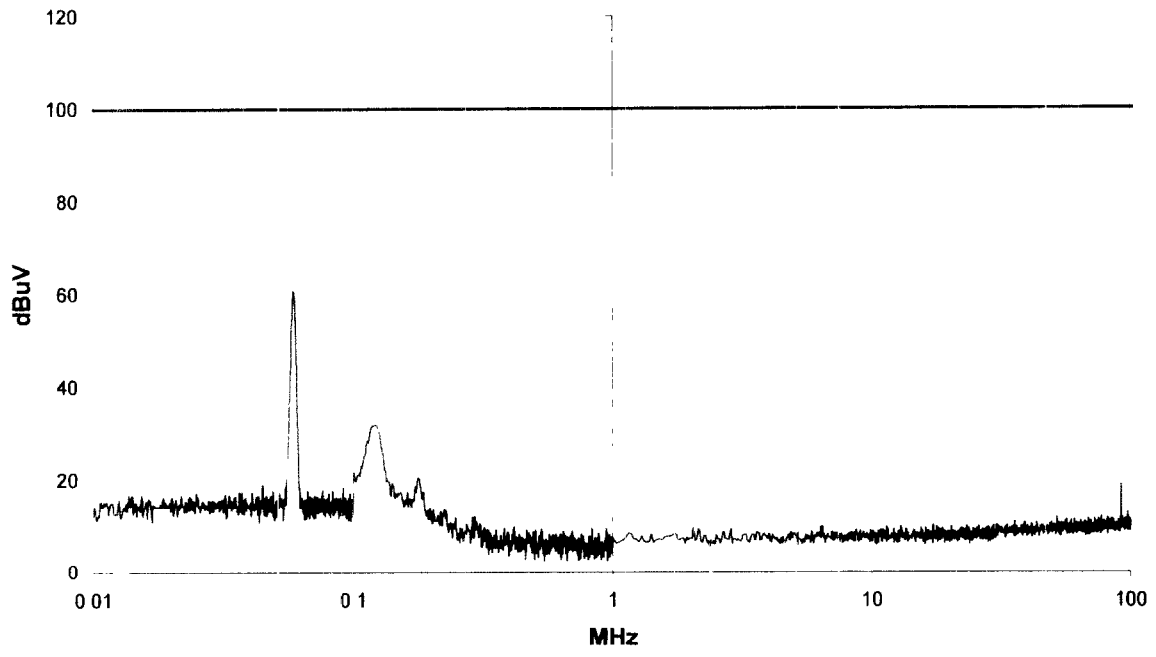
EUT OPERATING MODES

Normal operation

DEVIATIONS FROM TEST STANDARD

No deviations.

Run #	26	
Configuration #	2	
Results	Evaluation	Signature



Freq (MHz)	Amplitude (dBuV)			Transducer (dB)	Cable (dB)	External Attenuation (dB)		Detector (blank equal peaks (PK) from scan)		Adjusted dBuV	Spec Limit dBuV	Compared to Spec (dB)
0 059	60 8			0 0	0 0	0.0				60 8	100 0	-39.2
0 122	32 1			0 0	0 0	0 0				32 1	100 0	-67 9
0 100	22 0			0 0	0 0	0 0				22 0	100 0	-78 0
0 178	20.6			0 0	0.0	0.0				20 6	100 0	-79 4
0 141	19.4			0 0	0.0	0.0				19 4	100 0	-80 6
91 600	16.8			0.0	2 5	0.0				19 3	100 0	-80 7
0 045	19 1			0.0	0 0	0.0				19 1	100 0	-80 9
0 055	18 9			0.0	0 0	0 0				18 9	100 0	-81 1
0 091	18 4			0 0	0 0	0.0				18 4	100 0	-81 6
0 076	18 0			0 0	0 0	0 0				18 0	100 0	-82 0
0 083	17 8			0 0	0 0	0 0				17.8	100 0	-82 2
0 049	17.7			0.0	0 0	0.0				17.7	100 0	-82 3
0 067	17 7			0.0	0 0	0 0				17 7	100 0	-82 3
0 037	17 6			0 0	0 0	0 0				17 6	100 0	-82 4
0 161	17 6			0 0	0 0	0.0				17 6	100.0	-82 4
0 037	17 5			0 0	0 0	0 0				17 5	100 0	-82 5
0 041	17 4			0.0	0 0	0.0				17 4	100 0	-82 6
0 052	17.3			0.0	0 0	0 0				17.3	100 0	-82 7
0 080	17 3			0 0	0 0	0.0				17 3	100 0	-82 7

NORTHWEST EMC

CONDUCTED EMISSIONS - EVALUATION ONLY

ACD:2005.9.19
EUT:2005.5.05

EUT:	Spinal Pak 1	Work Order:	CNTR0012
Serial Number:	S13787	Date:	09/14/05
Customer:	[redacted]	Temperature:	23
Attendees:	[redacted]	Humidity:	38%
Project:		Barometric Pressure	30.11
Tested by:	[redacted] Power: Battery	Job Site:	EV04

TEST SPECIFICATIONS | **Test Method**

TEST PARAMETERS

Cable or Line Tested: Positive

COMMENTS

200 Ohm AAMI load.

EUT OPERATING MODES

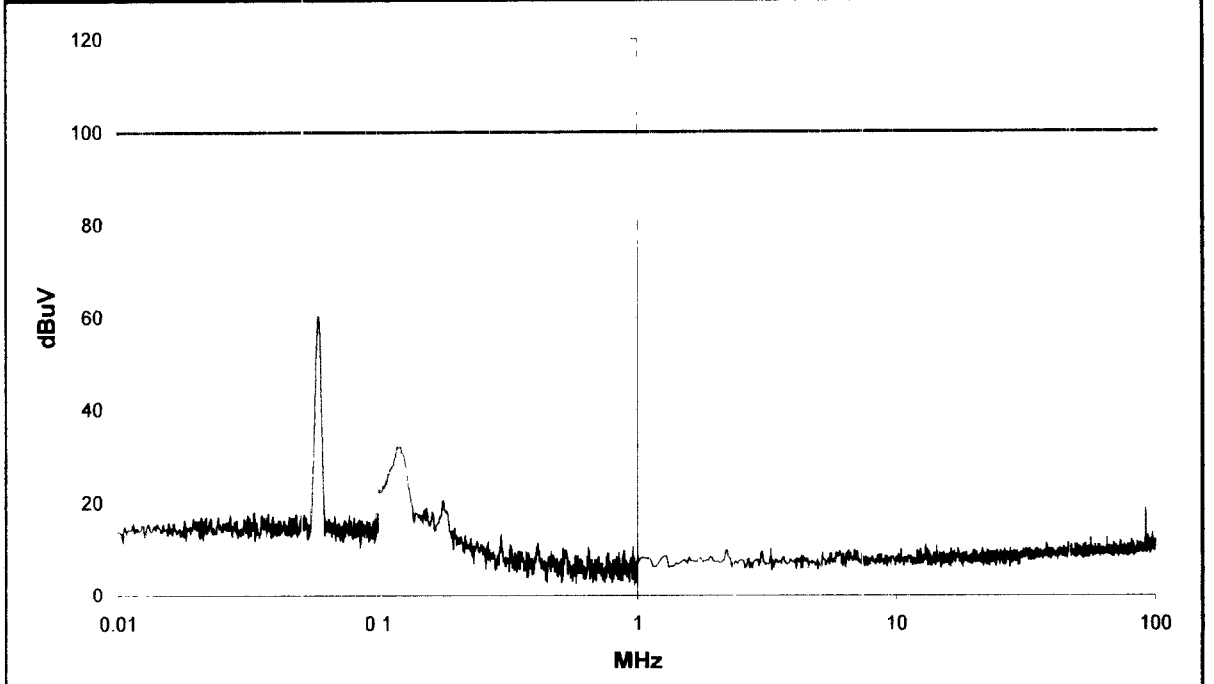
Normal operation

DEVIATIONS FROM TEST STANDARD

No deviations.

Run #	27
Configuration #	2
Results	Evaluation

Signature



Freq (MHz)	Amplitude (dBuV)			Transducer (dB)	Cable (dB)	External Attenuation (dB)		Detector (blank equal peaks [PK] from scan)		Adjusted dBuV	Spec Limit dBuV	Compared to Spec (dB)
0.059	60.4			0.0	0.0	0.0				60.4	100.0	-39.6
0.121	32.3			0.0	0.0	0.0				32.3	100.0	-67.7
0.178	20.7			0.0	0.0	0.0				20.7	100.0	-79.3
0.153	19.0			0.0	0.0	0.0				19.0	100.0	-81.0
91.740	16.3			0.0	2.6	0.0				18.9	100.0	-81.1
0.150	18.7			0.0	0.0	0.0				18.7	100.0	-81.3
0.051	18.2			0.0	0.0	0.0				18.2	100.0	-81.8
0.162	18.2			0.0	0.0	0.0				18.2	100.0	-81.8
0.033	18.1			0.0	0.0	0.0				18.1	100.0	-81.9
0.099	18.0			0.0	0.0	0.0				18.0	100.0	-82.0
0.140	18.0			0.0	0.0	0.0				18.0	100.0	-82.0
0.038	17.8			0.0	0.0	0.0				17.8	100.0	-82.2
0.048	17.7			0.0	0.0	0.0				17.7	100.0	-82.3
0.052	17.6			0.0	0.0	0.0				17.6	100.0	-82.4
0.027	17.5			0.0	0.0	0.0				17.5	100.0	-82.5
0.032	17.4			0.0	0.0	0.0				17.4	100.0	-82.6
0.036	17.4			0.0	0.0	0.0				17.4	100.0	-82.6
0.078	17.4			0.0	0.0	0.0				17.4	100.0	-82.6
0.068	17.3			0.0	0.0	0.0				17.3	100.0	-82.7

NORTHWEST EMC

CONDUCTED EMISSIONS - EVALUATION ONLY

ACQ 2005.9.12
EMI 2005 5.65

EUT:	Spinal Pak 1	Work Order:	CNTR0012
Serial Number:	S13787	Date:	09/14/05
Customer:	[redacted]	Temperature:	23
Attendees:	[redacted]	Humidity:	38%
Project:		Barometric Pressure	30.11
Tested by:	[redacted]	Job Site:	EV04
Power:	Battery		

TEST SPECIFICATIONS	Test Method

TEST PARAMETERS

Cable or Line Tested	Positive

COMMENTS

100 Ohm AAMI load.

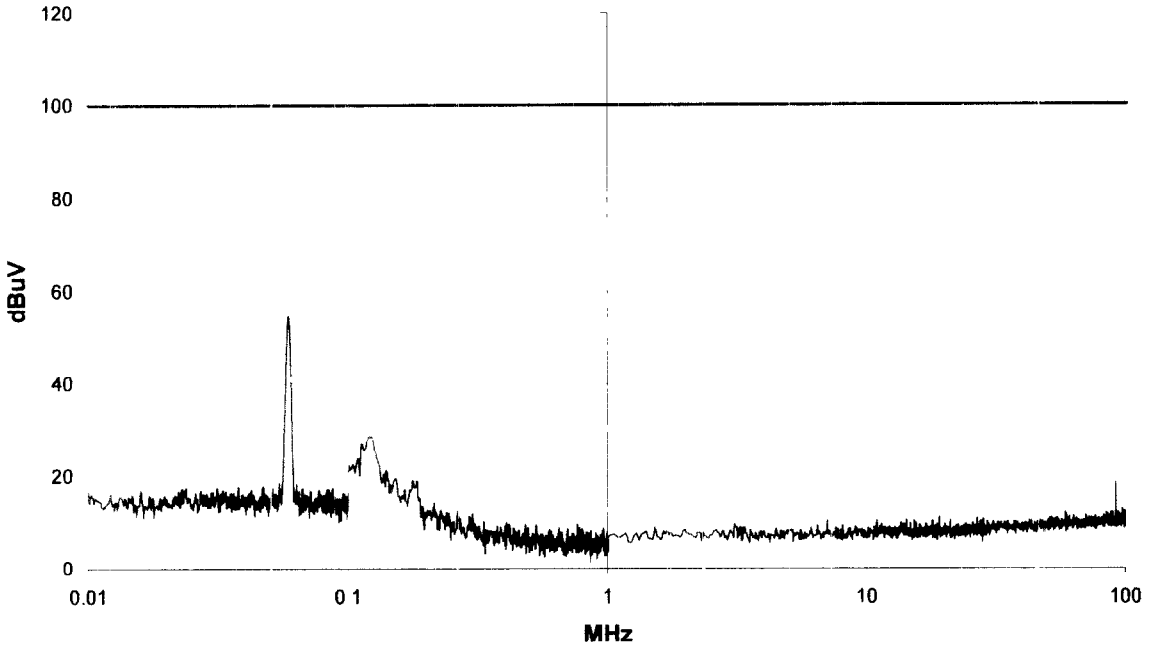
EUT OPERATING MODES

Normal operation

DEVIATIONS FROM TEST STANDARD

No deviations.

Run #	28	
Configuration #	2	
Results	Evaluation	Signature



Freq (MHz)	Amplitude (dBuV)			Transducer (dB)	Cable (dB)	External Attenuation (dB)		Detector (blank equal peaks (PK) from scan)		Adjusted dBuV	Spec. Limit dBuV	Compared to Spec (dB)
0 059	54 6			0 0	0 0	0.0				54 6	100 0	-45 4
0 121	28 8			0 0	0 0	0 0				28 8	100 0	-71 2
0.109	24 0			0 0	0.0	0.0				24 0	100 0	-76 0
0 141	21 4			0 0	0 0	0 0				21 4	100 0	-78 6
0 137	20 6			0 0	0 0	0.0				20 6	100 0	-79 4
0 152	19 7			0 0	0 0	0.0				19 7	100.0	-80 3
0 177	19 1			0 0	0 0	0 0				19 1	100 0	-80 9
0 054	18 7			0 0	0 0	0.0				18 7	100 0	-81 3
91 600	16 1			0 0	2 5	0.0				18 6	100 0	-81.4
0 063	18 4			0 0	0 0	0 0				18 4	100 0	-81 6
0 047	18 0			0 0	0 0	0 0				18 0	100.0	-82 0
0 038	17 8			0 0	0.0	0.0				17 8	100 0	-82.2
0 024	17 6			0 0	0 0	0.0				17 6	100 0	-82 4
0 031	17 6			0 0	0.0	0.0				17 6	100 0	-82 4
0 047	17 6			0 0	0.0	0.0				17 6	100 0	-82.4
0 023	17 5			0 0	0.0	0 0				17 5	100 0	-82 5
0 051	17 5			0.0	0 0	0 0				17 5	100 0	-82 5
0 067	17 5			0 0	0 0	0.0				17 5	100.0	-82 5
0.087	17 5			0 0	0 0	0.0				17 5	100 0	-82 5

NORTHWEST EMC

CONDUCTED EMISSIONS - EVALUATION ONLY

ACQ 2005.9.12
EMI 2005.5.05

EUT:	Spinal Pak 1	Work Order:	CNTR0012
Serial Number:	S13787	Date:	09/14/05
Customer:	[redacted]	Temperature:	23
Attendees:	[redacted]	Humidity:	38%
Project:		Barometric Pressure	30.11
Tested by:	[redacted] Power: Battery	Job Site:	EV04

TEST SPECIFICATIONS	Test Method

TEST PARAMETERS	
Cable or Line Tested	Positive

COMMENTS

100 Ohm resistive load.

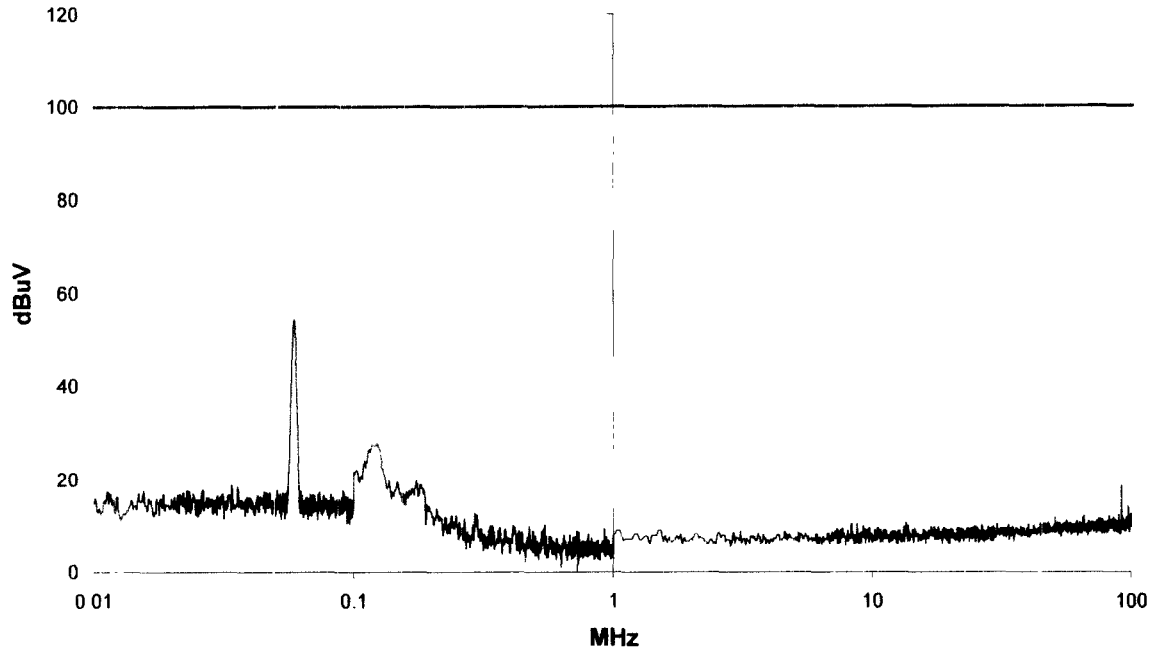
EUT OPERATING MODES

Normal operation

DEVIATIONS FROM TEST STANDARD

No deviations.

Run #	29	
Configuration #	2	
Results	Evaluation	Signature



Freq (MHz)	Amplitude (dBuV)			Transducer (dB)	Cable (dB)	External Attenuation (dB)		Detector (blank equal peaks [PK] from scan)		Adjusted dBuV	Spec Limit dBuV	Compared to Spec (dB)
0.059	54.5			0.0	0.0	0.0				54.5	100.0	-45.5
0.123	28.0			0.0	0.0	0.0				28.0	100.0	-72.0
0.103	22.3			0.0	0.0	0.0				22.3	100.0	-77.7
0.175	19.8			0.0	0.0	0.0				19.8	100.0	-80.2
0.147	19.6			0.0	0.0	0.0				19.6	100.0	-80.4
0.181	19.0			0.0	0.0	0.0				19.0	100.0	-81.0
0.034	18.9			0.0	0.0	0.0				18.9	100.0	-81.1
91.740	16.2			0.0	2.6	0.0				18.8	100.0	-81.2
0.036	18.5			0.0	0.0	0.0				18.5	100.0	-81.5
0.051	18.0			0.0	0.0	0.0				18.0	100.0	-82.0
0.026	17.9			0.0	0.0	0.0				17.9	100.0	-82.1
0.015	17.8			0.0	0.0	0.0				17.8	100.0	-82.2
0.023	17.8			0.0	0.0	0.0				17.8	100.0	-82.2
0.091	17.8			0.0	0.0	0.0				17.8	100.0	-82.2
0.055	17.7			0.0	0.0	0.0				17.7	100.0	-82.3
0.062	17.7			0.0	0.0	0.0				17.7	100.0	-82.3
0.011	17.6			0.0	0.0	0.0				17.6	100.0	-82.4
0.023	17.5			0.0	0.0	0.0				17.5	100.0	-82.5
0.045	17.5			0.0	0.0	0.0				17.5	100.0	-82.5

NORTHWEST EMC

CONDUCTED EMISSIONS - EVALUATION ONLY

ACO 2005.9.12
EMI 2005.5.05

EUT:	Spinal Pak 1	Work Order:	CNTR0012
Serial Number:	S13787	Date:	09/14/05
Customer:	[redacted]	Temperature:	23
Attendees:	[redacted]	Humidity:	38%
Project:		Barometric Pressure	30.11
Tested by:	[redacted] Power: Battery	Job Site:	EV04

TEST SPECIFICATIONS | Test Method

TEST PARAMETERS

Cable or Line Tested	Positive

COMMENTS

200 Ohm resistive load.

EUT OPERATING MODES

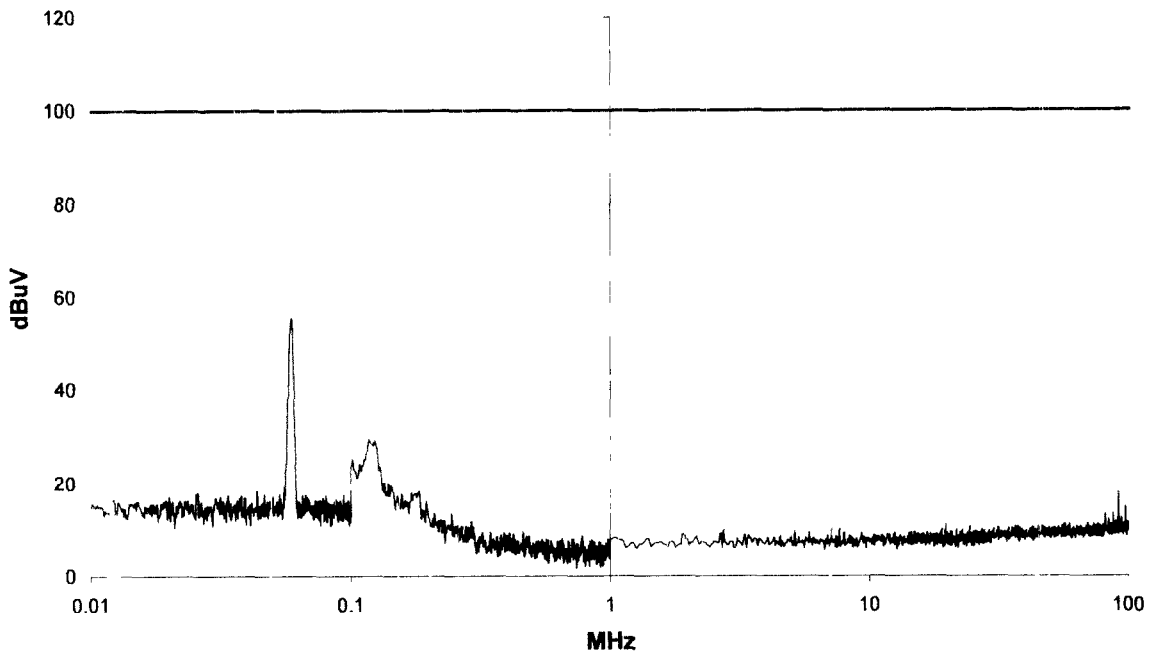
Normal operation

DEVIATIONS FROM TEST STANDARD

No deviations.

Run #	30
Configuration #	2
Results	Evaluation

Signature



Freq (MHz)	Amplitude (dBuV)			Transducer (dB)	Cable (dB)	External Attenuation (dB)		Detector (blank equal peaks, [PK] from scan)		Adjusted dBuV	Spec Limit dBuV	Compared to Spec (dB)
0 059	55.7			0 0	0.0	0.0				55 7	100.0	-44.3
0 117	29 5			0 0	0 0	0 0				29.5	100 0	-70 5
0 101	25.2			0 0	0.0	0.0				25 2	100 0	-74 8
0 135	20 4			0 0	0.0	0.0				20 4	100 0	-79.6
0 140	20 2			0.0	0 0	0 0				20 2	100 0	-79 8
0 143	19.6			0.0	0.0	0.0				19 6	100.0	-80 4
0 056	19.5			0 0	0 0	0 0				19.5	100 0	-80 5
0 044	18 6			0 0	0 0	0.0				18 6	100 0	-81 4
0 183	18 4			0.0	0 0	0 0				18.4	100.0	-81 6
91 600	15 6			0 0	2 5	0 0				18 1	100 0	-81 9
0 026	18 1			0 0	0 0	0.0				18 1	100 0	-81 9
0 047	17.8			0 0	0.0	0.0				17 8	100.0	-82.2
0 053	17 8			0 0	0 0	0.0				17 8	100.0	-82 2
0 157	17.8			0.0	0 0	0 0				17 8	100 0	-82.2
0 067	17.6			0 0	0 0	0.0				17 6	100 0	-82 4
0 094	17 6			0 0	0.0	0.0				17 6	100.0	-82 4
0 034	17 5			0.0	0.0	0 0				17 5	100 0	-82 5
0 065	17 5			0.0	0.0	0 0				17 5	100 0	-82 5
0 080	17.5			0 0	0.0	0.0				17 5	100 0	-82 5

NORTHWEST EMC

CONDUCTED EMISSIONS - EVALUATION ONLY

ACD 2005.9.12
EMI 2005.5.05

EUT:	Spinal Pak 1	Work Order:	CNTR0012
Serial Number:	S13787	Date:	09/14/05
Customer:	[redacted]	Temperature:	23
Attendees:	[redacted]	Humidity:	38%
Project:		Barometric Pressure	30.11
Tested by:	[redacted] Power: Battery	Job Site:	EV04

TEST SPECIFICATIONS | **Test Method**

TEST PARAMETERS

Cable or Line Tested	Positive

COMMENTS

300 Ohm resistive load.

EUT OPERATING MODES

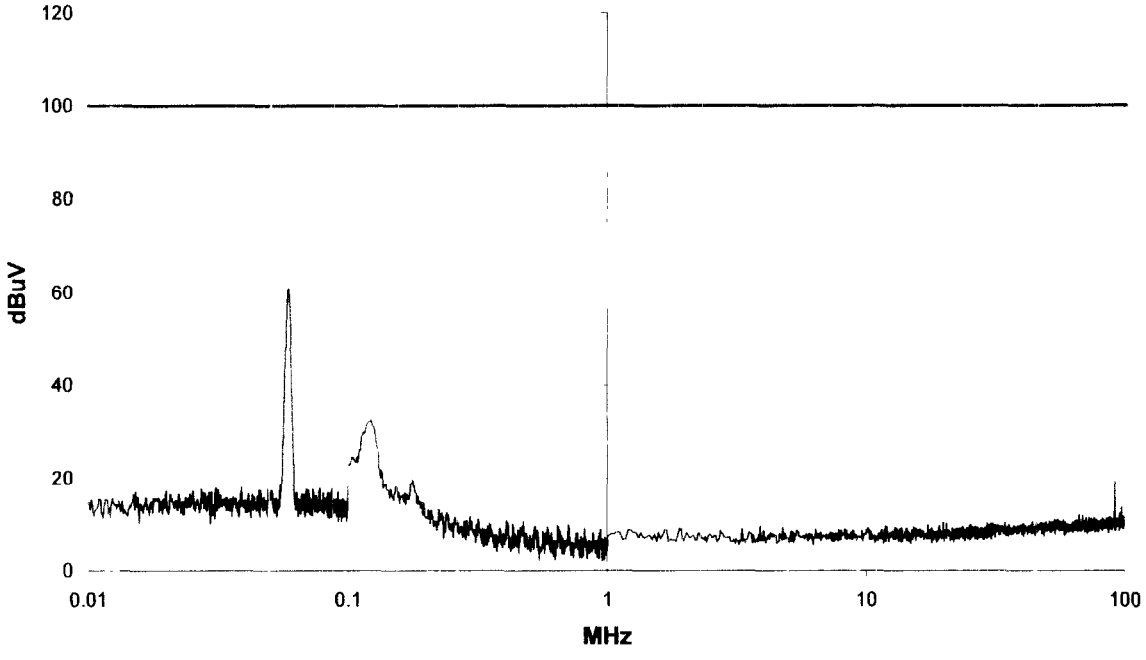
Normal operation

DEVIATIONS FROM TEST STANDARD

No deviations.

Run #	31
Configuration #	2
Results	Evaluation

Signature



Freq (MHz)	Amplitude (dBuV)			Transducer (dB)	Cable (dB)	External Attenuation (dB)		Detector (blank equal peaks PAK from scan)		Adjusted dBuV	Spec Limit dBuV	Compared to Spec (dB)
0.059	61 1			0.0	0 0	0 0				61 1	100.0	-38 9
0 123	32 5			0 0	0.0	0 0				32 5	100 0	-67 5
0 177	19 8			0.0	0 0	0.0				19.8	100 0	-80.2
91 600	16 8			0 0	2.5	0.0				19 3	100 0	-80 7
0 154	18.7			0 0	0.0	0.0				18 7	100 0	-81 3
0 039	18.1			0 0	0 0	0 0				18 1	100 0	-81.9
0 050	18 0			0.0	0.0	0.0				18 0	100 0	-82 0
0.078	18 0			0 0	0 0	0 0				18 0	100 0	-82.0
0 031	17 9			0 0	0 0	0 0				17.9	100 0	-82 1
0 027	17 8			0.0	0 0	0 0				17 8	100.0	-82 2
0 055	17 8			0 0	0 0	0 0				17 8	100.0	-82 2
0 069	17 8			0 0	0 0	0.0				17.8	100.0	-82 2
0 087	17 8			0 0	0 0	0.0				17 8	100 0	-82 2
0 146	17 8			0.0	0 0	0.0				17 8	100.0	-82.2
0 074	17 7			0 0	0 0	0.0				17 7	100 0	-82 3
0 032	17 6			0 0	0 0	0 0				17 6	100.0	-82.4
0 046	17 6			0.0	0 0	0 0				17 6	100 0	-82 4
0 046	17 5			0 0	0 0	0 0				17 5	100.0	-82 5
0 055	17 5			0 0	0 0	0.0				17 5	100 0	-82 5

NORTHWEST EMC

CONDUCTED EMISSIONS - EVALUATION ONLY

AQ 2005.9.12
EM 2005.5.05

EUT:	Spinal Pak 1	Work Order:	CNTR0012
Serial Number:	S13787	Date:	09/14/05
Customer:	[redacted]	Temperature:	23
Attendees:	[redacted]	Humidity:	38%
Project:		Barometric Pressure	30.11
Tested by:	[redacted] Power: Battery	Job Site:	EV04

TEST SPECIFICATIONS	Test Method

TEST PARAMETERS	
Cable or Line Tested	Positive

COMMENTS

400 Ohm resistive load.

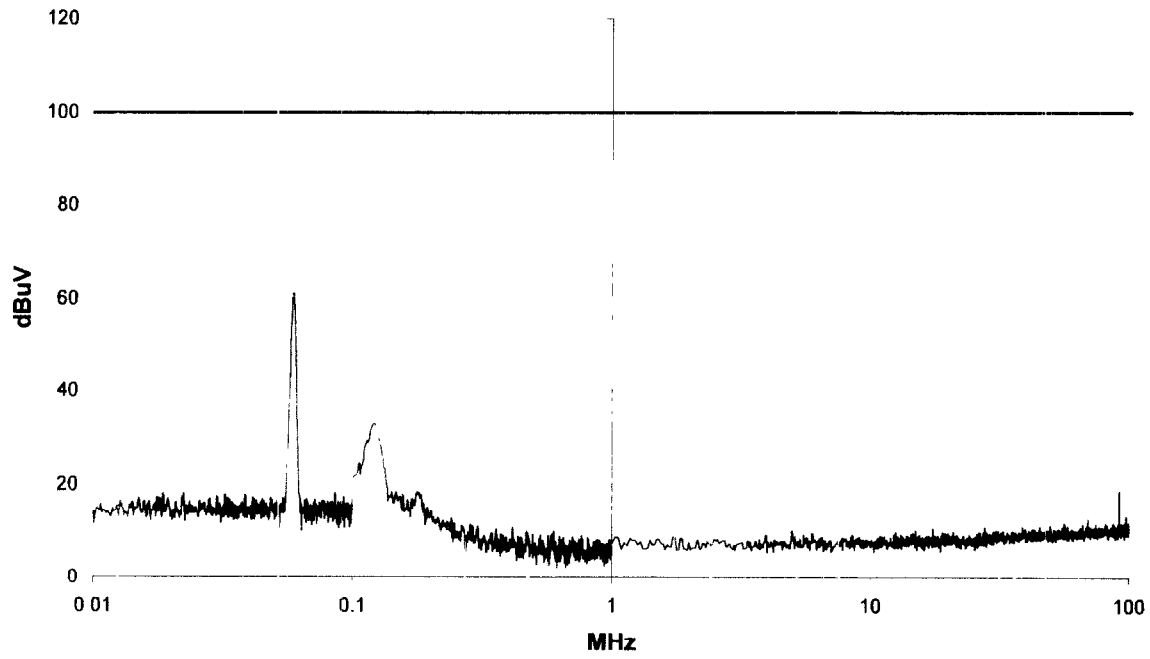
EUT OPERATING MODES

Normal operation

DEVIATIONS FROM TEST STANDARD

No deviations.

Run #	32	
Configuration #	2	
Results	Evaluation	Signature



Freq (MHz)	Amplitude (dBuV)			Transducer (dB)	Cable (dB)	External Attenuation (dB)		Detector (blank equal peaks [PK] from scan)		Adjusted dBuV	Spec Limit dBuV	Compared to Spec (dB)
0.059	61.3			0.0	0.0	0.0				61.3	100.0	-38.7
0.121	33.1			0.0	0.0	0.0				33.1	100.0	-66.9
0.105	24.6			0.0	0.0	0.0				24.6	100.0	-75.4
91.740	16.3			0.0	2.6	0.0				18.9	100.0	-81.1
0.141	18.6			0.0	0.0	0.0				18.6	100.0	-81.4
0.177	18.6			0.0	0.0	0.0				18.6	100.0	-81.4
0.086	18.5			0.0	0.0	0.0				18.5	100.0	-81.5
0.147	18.5			0.0	0.0	0.0				18.5	100.0	-81.5
0.019	18.3			0.0	0.0	0.0				18.3	100.0	-81.7
0.022	18.3			0.0	0.0	0.0				18.3	100.0	-81.7
0.032	18.0			0.0	0.0	0.0				18.0	100.0	-82.0
0.039	17.9			0.0	0.0	0.0				17.9	100.0	-82.1
0.156	17.9			0.0	0.0	0.0				17.9	100.0	-82.1
0.030	17.6			0.0	0.0	0.0				17.6	100.0	-82.4
0.018	17.5			0.0	0.0	0.0				17.5	100.0	-82.5
0.041	17.4			0.0	0.0	0.0				17.4	100.0	-82.6
0.092	17.4			0.0	0.0	0.0				17.4	100.0	-82.6
0.048	17.3			0.0	0.0	0.0				17.3	100.0	-82.7
0.015	17.2			0.0	0.0	0.0				17.2	100.0	-82.8

NORTHWEST EMC

CONDUCTED EMISSIONS - EVALUATION ONLY

ACD 2005.9.12
EMI 2005.5.05

EUT:	Spinal Pak 1	Work Order:	CNTR0012
Serial Number:	S13787	Date:	09/14/05
Customer:	[redacted]	Temperature:	23
Attendees:	[redacted]	Humidity:	38%
Project:		Barometric Pressure	30.11
Tested by:	[redacted]	Job Site:	EV04
Power:	Battery		

TEST SPECIFICATIONS	Test Method

TEST PARAMETERS	
Cable or Line Tested	Positive

COMMENTS

500 Ohm resistive load.

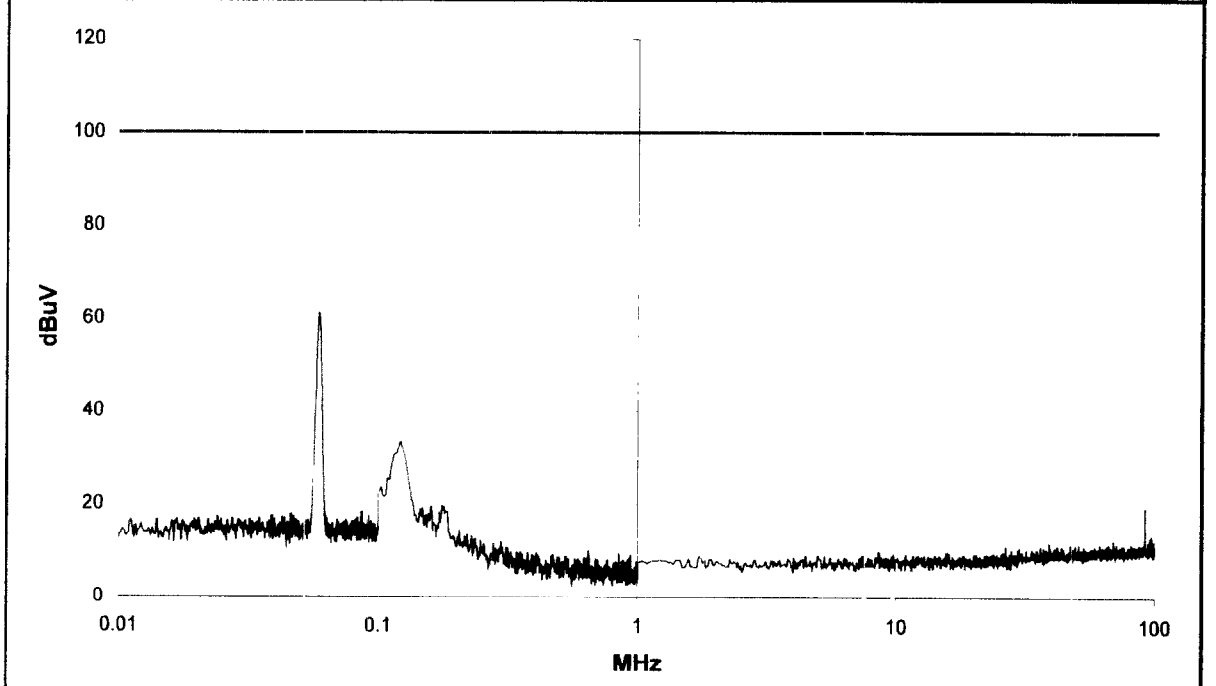
EUT OPERATING MODES

Normal operation

DEVIATIONS FROM TEST STANDARD

No deviations.

Run #	33	
Configuration #	2	
Results	Evaluation	Signature



Freq (MHz)	Amplitude (dBuV)			Transducer (dB)	Cable (dB)	External Attenuation (dB)		Detector (blank equal peaks (PK) from scan)		Adjusted dBuV	Spec Limit dBuV	Compared to Spec (dB)
0.059	61.2			0 0	0 0	0 0				61 2	100.0	-38 8
0.122	33 5			0 0	0 0	0 0				33 5	100 0	-66 5
0 102	23 6			0 0	0 0	0 0				23 6	100.0	-76 4
0 176	19.7			0 0	0.0	0.0				19 7	100 0	-80.3
0 159	19 5			0 0	0 0	0 0				19 5	100 0	-80 5
91 740	16.8			0 0	2 6	0 0				19 4	100.0	-80.6
0 148	19.2			0 0	0 0	0 0				19 2	100.0	-80.8
0 087	18 4			0 0	0 0	0.0				18 4	100.0	-81 6
0 086	18.3			0 0	0 0	0.0				18 3	100.0	-81 7
0 172	18 3			0 0	0 0	0 0				18.3	100.0	-81 7
0 046	18 0			0.0	0 0	0 0				18.0	100 0	-82.0
0 062	17.8			0 0	0.0	0 0				17 8	100 0	-82.2
0 152	17 7			0 0	0.0	0.0				17 7	100 0	-82 3
0 039	17.6			0 0	0 0	0.0				17 6	100 0	-82 4
0 091	17.5			0 0	0 0	0 0				17 5	100.0	-82 5
0 024	17 4			0 0	0.0	0 0				17 4	100 0	-82.6
0 047	17 4			0 0	0 0	0 0				17 4	100 0	-82 6
0 043	17 3			0 0	0 0	0 0				17 3	100.0	-82 7
0 083	17 2			0 0	0 0	0 0				17 2	100.0	-82 8

NORTHWEST EMC

CONDUCTED EMISSIONS - EVALUATION ONLY

ACQ 2005.9.12
EMI 2005.5.05

EUT:	Spinal Pak 1	Work Order:	CNTR0012
Serial Number:	S13787	Date:	09/14/05
Customer:	[redacted]	Temperature:	23
Attendees:	[redacted]	Humidity:	38%
Project:		Barometric Pressure	30.11
Tested by:	[redacted] Power: Battery	Job Site:	EV04

TEST SPECIFICATIONS | **Test Method**

TEST PARAMETERS

Cable or Line Tested: Positive

COMMENTS

600 Ohm resistive load.

EUT OPERATING MODES

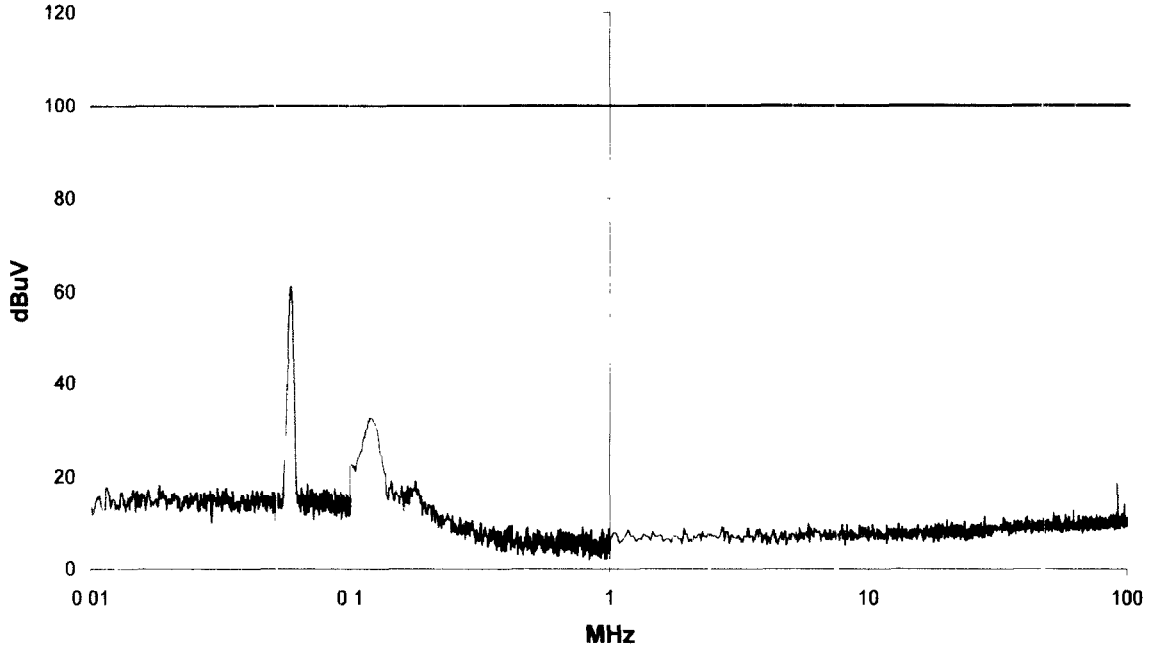
Normal operation

DEVIATIONS FROM TEST STANDARD

No deviations.

Run #	34
Configuration #	2
Results	Evaluation

Signature



Freq (MHz)	Amplitude (dBuV)			Transducer (dB)	Cable (dB)	External Attenuation (dB)		Detector (blank equal peaks [PK] from scan)		Adjusted dBuV	Spec Limit dBuV	Compared to Spec (dB)
0 059	61 3			0.0	0 0	0.0				61.3	100 0	-38 7
0 119	32.8			0 0	0 0	0.0				32 8	100 0	-67 2
0 144	19.2			0 0	0 0	0.0				19 2	100 0	-80 8
0 178	19 2			0 0	0 0	0.0				19 2	100 0	-80 8
91 600	16.1			0 0	2 5	0.0				18 6	100.0	-81.4
0 068	18.5			0 0	0.0	0.0				18.5	100 0	-81 5
0 018	18 3			0 0	0 0	0 0				18.3	100 0	-81.7
0 158	18 1			0 0	0 0	0 0				18 1	100 0	-81 9
0 167	18.1			0.0	0 0	0 0				18 1	100 0	-81 9
0 011	18 0			0 0	0 0	0 0				18 0	100.0	-82 0
0 171	17.8			0 0	0 0	0 0				17 8	100.0	-82 2
0 031	17 7			0 0	0 0	0 0				17.7	100.0	-82 3
0 033	17 7			0 0	0 0	0 0				17.7	100 0	-82 3
0.065	17 7			0 0	0 0	0 0				17 7	100 0	-82.3
0.087	17 6			0.0	0 0	0.0				17.6	100 0	-82.4
0.015	17 4			0 0	0 0	0.0				17 4	100 0	-82 6
0.071	17 4			0 0	0 0	0.0				17 4	100 0	-82 6
0.081	17 4			0 0	0 0	0.0				17.4	100 0	-82 6
0.017	17 3			0 0	0 0	0.0				17 3	100 0	-82 7

NORTHWEST EMC

CONDUCTED EMISSIONS - EVALUATION ONLY

ACQ 2005.9.12
EMI 2005.5.05

EUT:	Spinal Pak 1	Work Order:	CNTR0012
Serial Number:	S13787	Date:	09/14/05
Customer:	[redacted]	Temperature:	23
Attendees:	[redacted]	Humidity:	38%
Project:		Barometric Pressure	30.11
Tested by:	[redacted]	Job Site:	EV04
Power:	Battery		

TEST SPECIFICATIONS | **Test Method**

TEST PARAMETERS

Cable or Line Tested	Positive

COMMENTS

500 Ohm AAMI load.

EUT OPERATING MODES

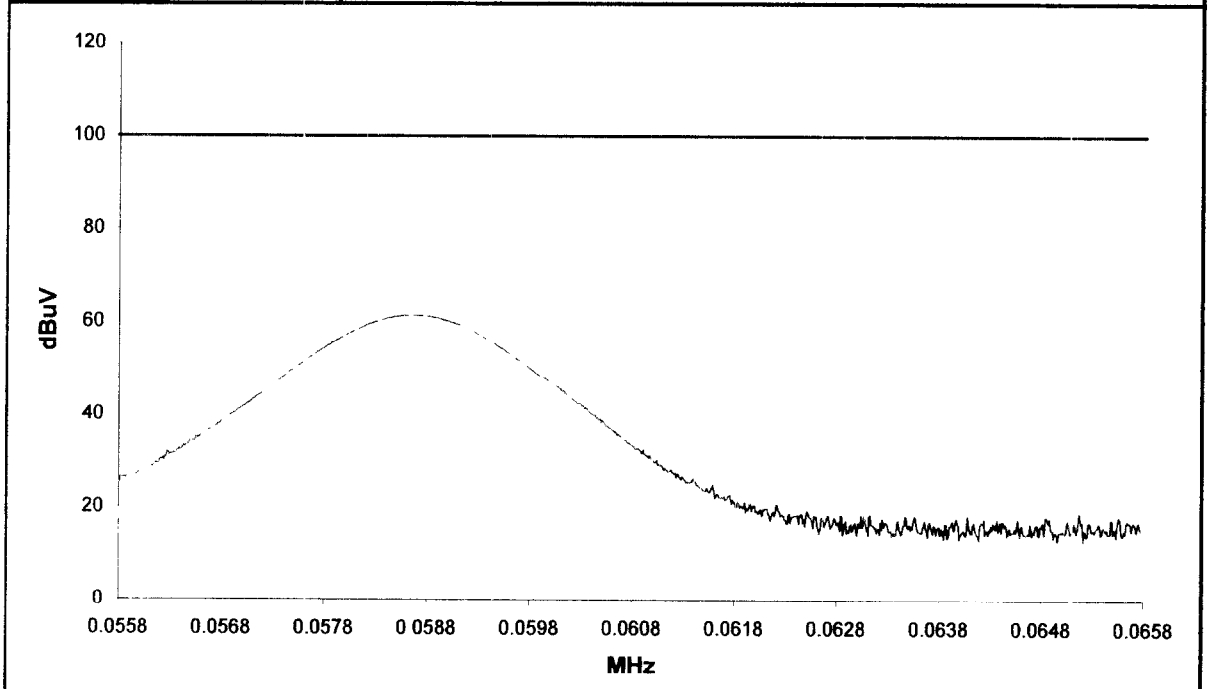
Normal operation

DEVIATIONS FROM TEST STANDARD

No deviations.

Run #	35
Configuration #	2
Results	Evaluation

Signature



Freq (MHz)	Amplitude (dBuV)			Transducer (dB)	Cable (dB)	External Attenuation (dB)		Detector (blank equal peaks (PK) from scan)		Adjusted dBuV	Spec Limit dBuV	Compared to Spec (dB)
0 059	61 3			0 0	0 0	0 0				61 3	100 0	-38 7
0.062	20 6			0 0	0 0	0 0				20 6	100 0	-79 4
0 063	19.5			0.0	0 0	0 0				19 5	100 0	-80 5
0 065	19 1			0 0	0.0	0.0				19 1	100 0	-80 9
0 062	18 8			0 0	0 0	0.0				18 8	100 0	-81 2
0 063	18.5			0 0	0 0	0 0				18 5	100.0	-81 5
0 063	18.5			0 0	0 0	0 0				18 5	100 0	-81 5
0.063	18 5			0.0	0 0	0.0				18.5	100 0	-81.5
0.063	18 4			0 0	0 0	0.0				18.4	100 0	-81 6
0.063	18 4			0 0	0 0	0 0				18 4	100 0	-81 6
0 063	18 3			0 0	0 0	0 0				18.3	100 0	-81 7
0 064	18.3			0 0	0.0	0.0				18.3	100 0	-81.7
0 063	18 2			0 0	0 0	0 0				18 2	100 0	-81.8
0 064	18.2			0 0	0 0	0 0				18 2	100 0	-81 8
0 065	18.2			0 0	0 0	0 0				18 2	100 0	-81 8
0 063	18 1			0 0	0 0	0.0				18 1	100 0	-81 9
0 066	18 1			0 0	0 0	0.0				18 1	100 0	-81 9
0 063	18.0			0 0	0 0	0 0				18.0	100.0	-82 0
0 063	17 8			0 0	0 0	0 0				17 8	100 0	-82 2

NORTHWEST EMC

CONDUCTED EMISSIONS - EVALUATION ONLY

ACQ 2005.9.12
EMI 2005.5.05

EUT:	Spinal Pak 1	Work Order:	CNTR0012
Serial Number:	S13787	Date:	09/14/05
Customer:	[redacted]	Temperature:	23
Attendees:	[redacted]	Humidity:	38%
Project:		Barometric Pressure	30.11
Tested by:	[redacted] Power: Battery	Job Site:	EV04

TEST SPECIFICATIONS | **Test Method**

TEST PARAMETERS

Cable or Line Tested	Positive

COMMENTS

500 Ohm AAMI load.

EUT OPERATING MODES

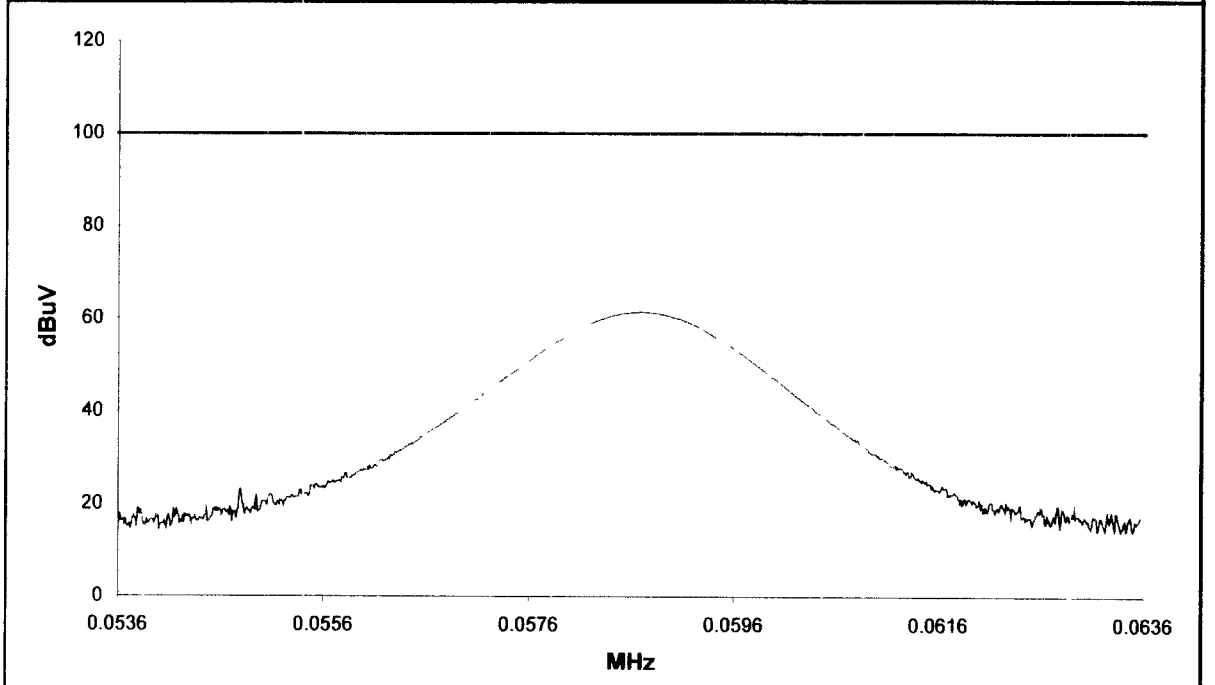
Normal operation

DEVIATIONS FROM TEST STANDARD

No deviations.

Run #	36
Configuration #	2
Results	Evaluation

Signature



Freq (MHz)	Amplitude (dBuV)			Transducer (dB)	Cable (dB)	External Attenuation (dB)		Detector (blank equal peaks [PK] from scan)		Adjusted dBuV	Spec Limit dBuV	Compared to Spec (dB)
0.059	61 4			0 0	0 0	0 0				61 4	100 0	-38.6
0 055	23.3			0.0	0 0	0 0				23 3	100 0	-76 7
0 055	22 2			0.0	0 0	0.0				22.2	100 0	-77 8
0 055	22 0			0.0	0 0	0 0				22 0	100 0	-78 0
0 062	20 5			0 0	0 0	0 0				20 5	100 0	-79 5
0 062	20 5			0 0	0.0	0.0				20 5	100 0	-79.5
0 062	19 9			0 0	0 0	0.0				19 9	100 0	-80 1
0 063	19 9			0 0	0 0	0 0				19 9	100 0	-80 1
0 063	19 7			0 0	0 0	0 0				19 7	100 0	-80.3
0 054	19 6			0 0	0 0	0 0				19 6	100.0	-80.4
0 063	19 6			0 0	0 0	0 0				19.6	100 0	-80 4
0 055	19 4			0 0	0.0	0.0				19 4	100 0	-80 6
0 054	19 2			0 0	0 0	0 0				19 2	100 0	-80 8
0 063	19 2			0 0	0 0	0 0				19.2	100 0	-80 8
0 054	19.1			0 0	0 0	0 0				19 1	100.0	-80 9
0 063	18 4			0 0	0.0	0 0				18 4	100 0	-81 6
0 063	18 4			0 0	0 0	0 0				18 4	100 0	-81 6
0 063	18.2			0 0	0 0	0 0				18 2	100.0	-81 8
0 054	18.0			0 0	0 0	0 0				18 0	100.0	-82 0

NORTHWEST EMC

CONDUCTED EMISSIONS - EVALUATION ONLY

ACQ:2005.8.12
EMI:2005.5.05

EUT:	Spinal Pak 1	Work Order:	CNTR0012
Serial Number:	S13787	Date:	09/14/05
Customer:	[redacted]	Temperature:	23
Attendees:	[redacted]	Humidity:	38%
Project:		Barometric Pressure	30.11
Tested by:	[redacted]	Job Site:	EV04
Power:	Battery		

TEST SPECIFICATIONS — Test Method

TEST PARAMETERS

Cable or Line Tested: Positive

COMMENTS

500 Ohm AAMI load.

EUT OPERATING MODES

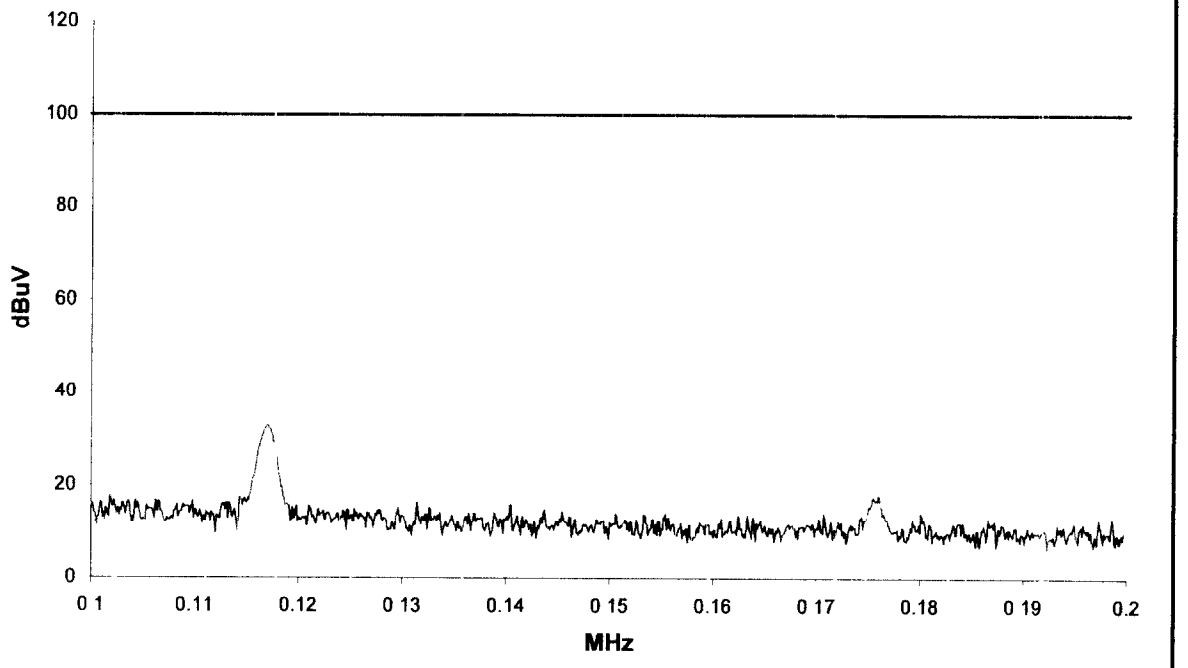
Normal operation

DEVIATIONS FROM TEST STANDARD

No deviations.

Run #	37
Configuration #	2
Results	Evaluation

Signature



Freq (MHz)	Amplitude (dBuV)			Transducer (dB)	Cable (dB)	External Attenuation (dB)		Detector (blank equal peaks (PK) from scan)		Adjusted dBuV	Spec Limit dBuV	Compared to Spec (dB)
0 117	32.8			0 0	0 0	0 0				32.8	100.0	-67 2
0 176	18 1			0.0	0 0	0 0				18 1	100 0	-81 9
0.102	17 8			0 0	0 0	0.0				17 8	100 0	-82 2
0 104	16.8			0 0	0 0	0 0				16 8	100 0	-83 2
0 106	16 8			0 0	0 0	0 0				16 8	100.0	-83 2
0 104	16 7			0.0	0.0	0.0				16.7	100.0	-83 3
0 110	16 7			0 0	0.0	0.0				16 7	100 0	-83.3
0 107	16 6			0 0	0 0	0 0				16 6	100 0	-83.4
0 101	16 5			0 0	0 0	0.0				16 5	100 0	-83.5
0 131	16 4			0 0	0 0	0 0				16.4	100 0	-83.6
0 103	16 3			0 0	0 0	0 0				16.3	100 0	-83.7
0 113	16 3			0 0	0.0	0.0				16 3	100 0	-83 7
0 113	16 3			0 0	0 0	0 0				16 3	100 0	-83 7
0.100	16 2			0 0	0 0	0 0				16 2	100.0	-83.8
0 109	16.0			0 0	0 0	0 0				16.0	100.0	-84 0
0 108	15 9			0 0	0 0	0.0				15 9	100 0	-84 1
0 140	15 9			0 0	0 0	0 0				15 9	100.0	-84 1
0 105	15 7			0 0	0.0	0 0				15.7	100.0	-84 3
0 120	15 6			0 0	0.0	0.0				15 6	100 0	-84.4

Section 2 SpecAnal. Sp2 15625 Data.Pdf
1 of 16 pgs.

NORTHWEST EMC

CONDUCTED EMISSIONS - EVALUATION ONLY

ACQ 2005.9.12
EMI 2005.5.05

EUT:	Spinal Pak 2	Work Order:	CNTR0012
Serial Number:	15625	Date:	09/14/05
Customer:	[redacted]	Temperature:	23
Attendees:	[redacted]	Humidity:	38%
Project:		Barometric Pressure	30.11
Tested by:	[redacted] Power: Battery	Job Site:	EV04

TEST SPECIFICATIONS | **Test Method**

TEST PARAMETERS

Cable or Line Tested: Positive

COMMENTS

100 Ohm AAMI load.

EUT OPERATING MODES

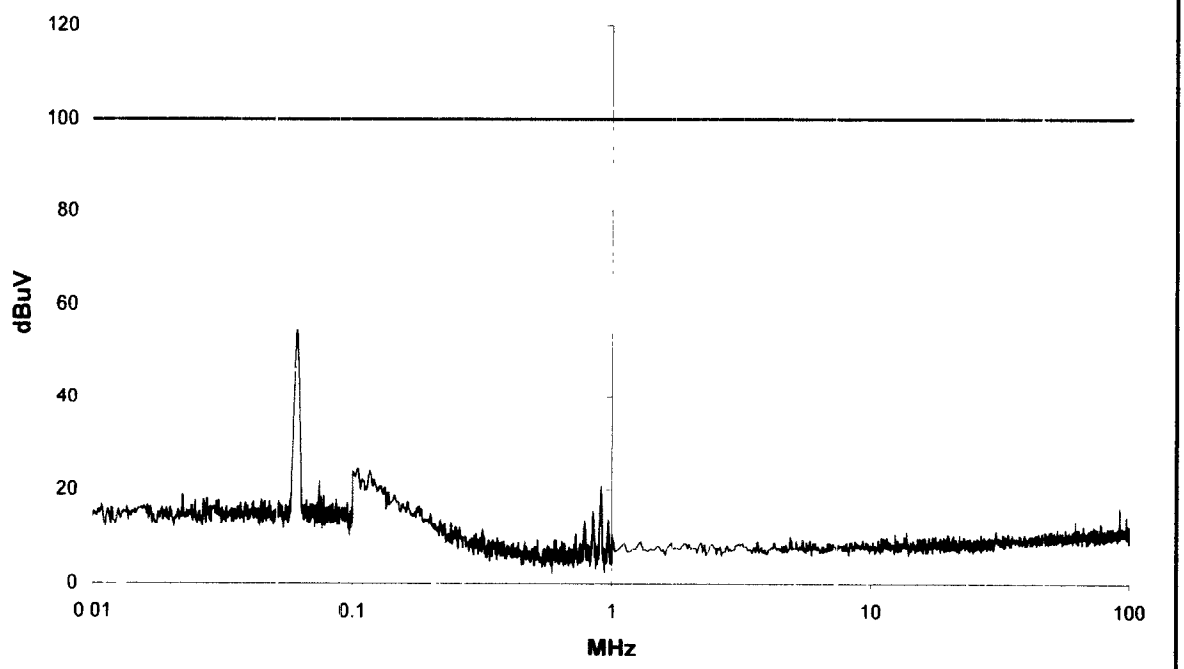
Normal operating mode.

DEVIATIONS FROM TEST STANDARD

No deviations.

Run #	83
Configuration #	6
Results	Evaluation

Signature



Freq (MHz)	Amplitude (dBuV)			Transducer (dB)	Cable (dB)	External Attenuation (dB)		Detector (blank equal peak (PK) from scan)		Adjusted dBuV	Spec Limit dBuV	Compared to Spec (dB)
0.061	54.5			0.0	0.0	0.0				54.5	100.0	-45.5
0.105	24.6			0.0	0.0	0.0				24.6	100.0	-75.4
0.116	24.1			0.0	0.0	0.0				24.1	100.0	-75.9
0.109	22.3			0.0	0.0	0.0				22.3	100.0	-77.7
0.074	21.9			0.0	0.0	0.0				21.9	100.0	-78.1
0.907	20.9			0.0	0.0	0.0				20.9	100.0	-79.1
0.137	19.5			0.0	0.0	0.0				19.5	100.0	-80.5
0.022	19.1			0.0	0.0	0.0				19.1	100.0	-80.9
0.145	18.9			0.0	0.0	0.0				18.9	100.0	-81.1
0.078	18.7			0.0	0.0	0.0				18.7	100.0	-81.3
0.076	18.5			0.0	0.0	0.0				18.5	100.0	-81.5
0.028	18.2			0.0	0.0	0.0				18.2	100.0	-81.8
0.086	18.0			0.0	0.0	0.0				18.0	100.0	-82.0
0.027	17.9			0.0	0.0	0.0				17.9	100.0	-82.1
0.045	17.9			0.0	0.0	0.0				17.9	100.0	-82.1
0.025	17.8			0.0	0.0	0.0				17.8	100.0	-82.2
0.031	17.8			0.0	0.0	0.0				17.8	100.0	-82.2
0.066	17.8			0.0	0.0	0.0				17.8	100.0	-82.2
0.030	17.6			0.0	0.0	0.0				17.6	100.0	-82.4

NORTHWEST EMC

CONDUCTED EMISSIONS - EVALUATION ONLY

ACQ 2005.9.12
EMI 2005.5.05

EUT:	Spinal Pak 2	Work Order:	CNTR0012
Serial Number:	15625	Date:	09/14/05
Customer:	[redacted]	Temperature:	23
Attendees:	[redacted]	Humidity:	38%
Project:		Barometric Pressure	30.11
Tested by:	[redacted]	Job Site:	EV04
Power:	Battery		

TEST SPECIFICATIONS | **Test Method**

TEST PARAMETERS

Cable or Line Tested: Positive

COMMENTS

100 Ohm AAMI load.

EUT OPERATING MODES

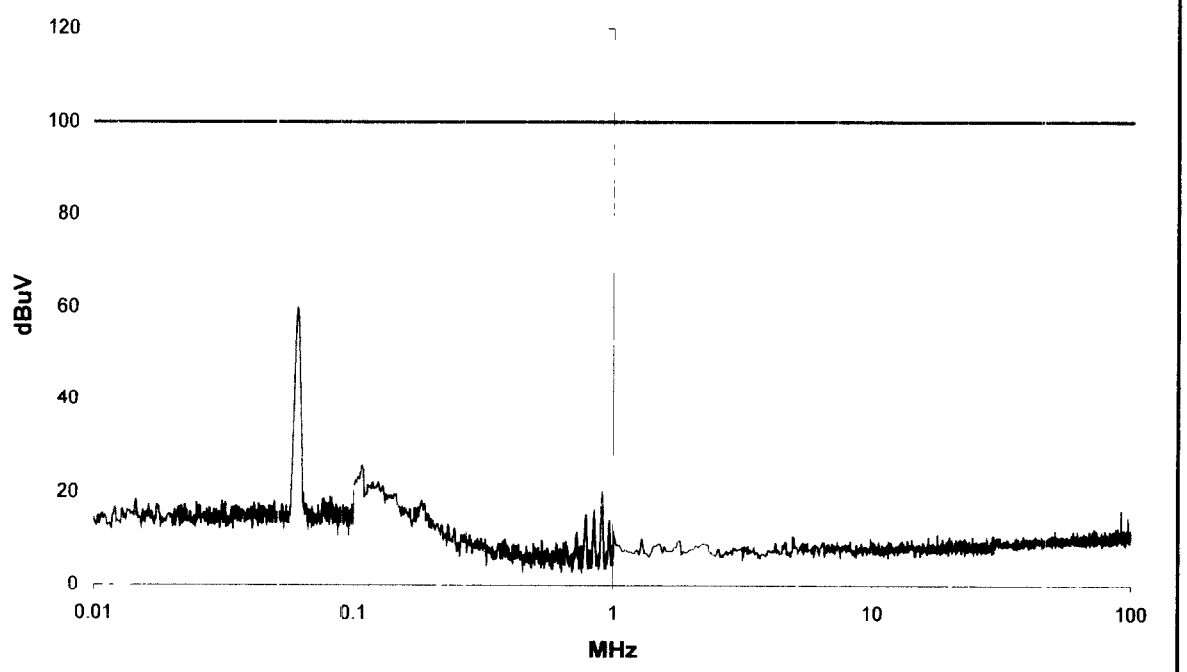
Normal operating mode.

DEVIATIONS FROM TEST STANDARD

No deviations.

Run #	84
Configuration #	6
Results	Evaluation

Signature



Freq (MHz)	Amplitude (dBuV)			Transducer (dB)	Cable (dB)	External Attenuation (dB)		Detector (blank equal peaks (PK) from scan)		Adjusted dBuV	Spec Limit dBuV	Compared to Spec (dB)
0.061	60.0			0.0	0.0	0.0				60.0	100.0	-40.0
0.108	25.8			0.0	0.0	0.0				25.8	100.0	-74.2
0.124	22.3			0.0	0.0	0.0				22.3	100.0	-77.7
0.907	20.3			0.0	0.0	0.0				20.3	100.0	-79.7
0.064	19.8			0.0	0.0	0.0				19.8	100.0	-80.2
0.146	19.7			0.0	0.0	0.0				19.7	100.0	-80.3
0.081	19.1			0.0	0.0	0.0				19.1	100.0	-80.9
0.082	19.0			0.0	0.0	0.0				19.0	100.0	-81.0
0.077	18.8			0.0	0.0	0.0				18.8	100.0	-81.2
0.015	18.6			0.0	0.0	0.0				18.6	100.0	-81.4
0.076	18.6			0.0	0.0	0.0				18.6	100.0	-81.4
0.183	18.3			0.0	0.0	0.0				18.3	100.0	-81.7
0.031	18.2			0.0	0.0	0.0				18.2	100.0	-81.8
0.050	18.2			0.0	0.0	0.0				18.2	100.0	-81.8
0.025	18.0			0.0	0.0	0.0				18.0	100.0	-82.0
0.032	17.9			0.0	0.0	0.0				17.9	100.0	-82.1
0.041	17.8			0.0	0.0	0.0				17.8	100.0	-82.2
0.078	17.8			0.0	0.0	0.0				17.8	100.0	-82.2
0.043	17.7			0.0	0.0	0.0				17.7	100.0	-82.3

NORTHWEST EMC

CONDUCTED EMISSIONS - EVALUATION ONLY

ACQ 2005.9.12
EMI 2005.5.05

EUT:	Spinal Pak 2	Work Order:	CNTR0012
Serial Number:	15625	Date:	09/14/05
Customer:	[redacted]	Temperature:	23
Attendees:	[redacted]	Humidity:	38%
Project:		Barometric Pressure	30.11
Tested by:	[redacted] Power: Battery	Job Site:	EV04

TEST SPECIFICATIONS	Test Method

TEST PARAMETERS	
Cable or Line Tested	Positive

COMMENTS

100 Ohm AAMI load.

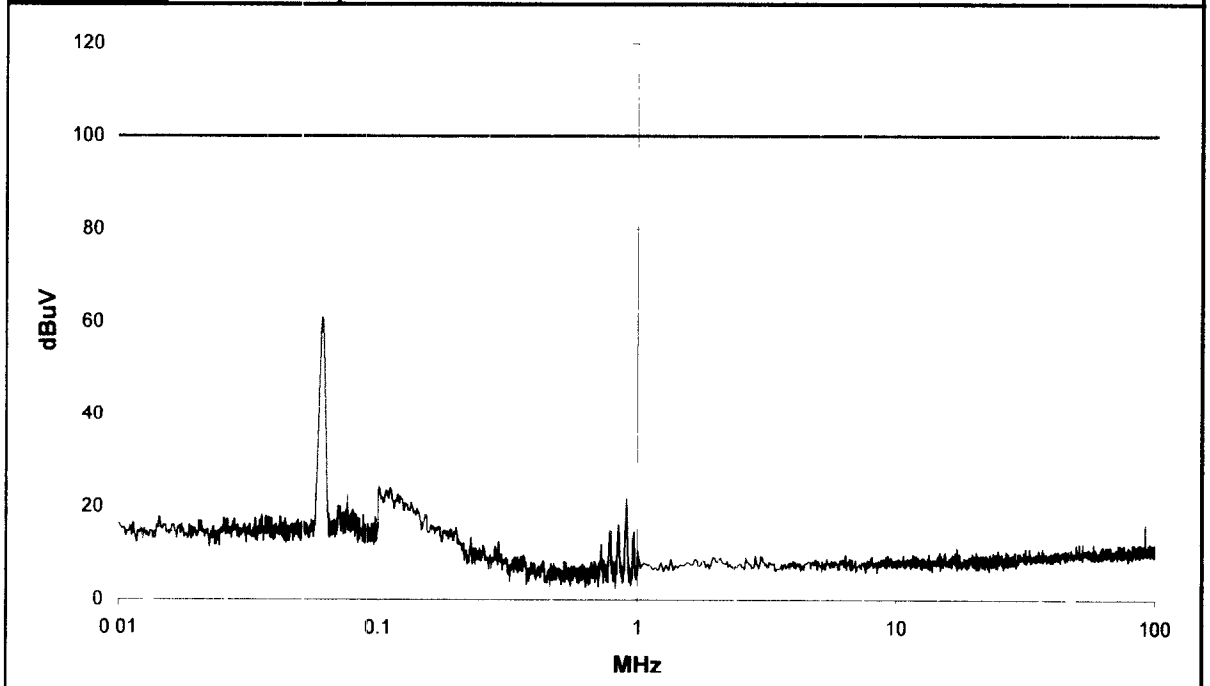
EUT OPERATING MODES

Normal operating mode.

DEVIATIONS FROM TEST STANDARD

No deviations.

Run #	85	
Configuration #	6	
Results	Evaluation	Signature



Freq (MHz)	Amplitude (dBuV)			Transducer (dB)	Cable (dB)	External Attenuation (dB)		Detector (blank equal peaks [PK] from scan)		Adjusted dBuV	Spec Limit dBuV	Compared to Spec (dB)
0 061	61 1			0.0	0 0	0 0				61 1	100.0	-38 9
0 101	24 8			0 0	0 0	0 0				24 8	100 0	-75 2
0 112	24 1			0 0	0 0	0.0				24 1	100 0	-75 9
0 076	22 6			0 0	0 0	0.0				22 6	100 0	-77 4
0 119	22 6			0 0	0 0	0 0				22 6	100 0	-77 4
0 905	21 8			0.0	0 0	0 0				21 8	100.0	-78 2
0 070	20 2			0 0	0 0	0 0				20 2	100 0	-79.8
0 071	20 2			0 0	0 0	0 0				20 2	100 0	-79.8
0.080	19.4			0 0	0 0	0 0				19 4	100 0	-80 6
0 080	19.3			0 0	0 0	0 0				19 3	100 0	-80 7
0 075	19 1			0 0	0 0	0 0				19 1	100.0	-80 9
0 073	18.9			0.0	0 0	0 0				18 9	100.0	-81 1
0 079	18.8			0 0	0 0	0 0				18 8	100 0	-81.2
0.073	18.5			0.0	0 0	0 0				18 5	100 0	-81.5
0.079	18.5			0.0	0 0	0.0				18.5	100 0	-81.5
0 082	18 5			0.0	0 0	0 0				18 5	100 0	-81 5
0 051	18.4			0 0	0 0	0 0				18 4	100 0	-81 6
0 072	18 4			0 0	0 0	0 0				18 4	100 0	-81 6
0 152	18 4			0 0	0 0	0.0				18 4	100 0	-81 6

NORTHWEST EMC

CONDUCTED EMISSIONS - EVALUATION ONLY

ACQ 2005.9.12
EMI 2005.5.05

EUT:	Spinal Pak 2	Work Order:	CNTR0012
Serial Number:	15625	Date:	09/14/05
Customer:	[redacted]	Temperature:	23
Attendees:	[redacted]	Humidity:	38%
Project:		Barometric Pressure	30.11
Tested by:	[redacted]	Job Site:	EV04
Power:	Battery		

TEST SPECIFICATIONS | **Test Method**

TEST PARAMETERS

Cable or Line Tested	Positive

COMMENTS

100 Ohm AAMI load.

EUT OPERATING MODES

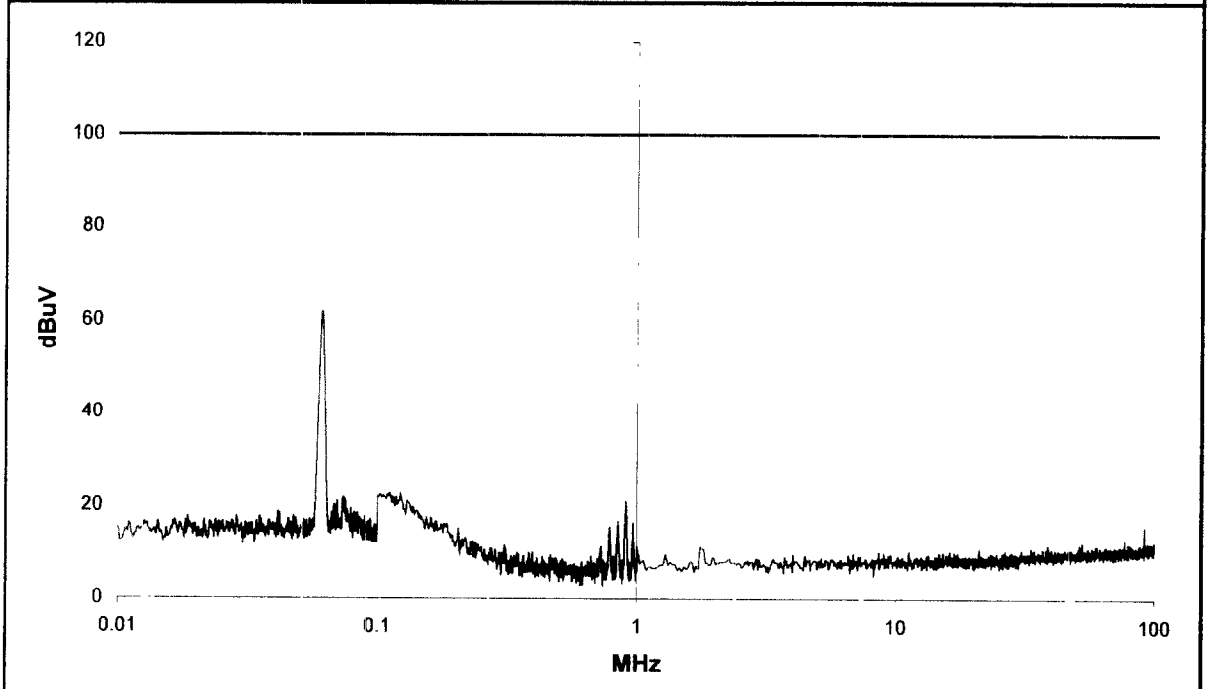
Normal operating mode.

DEVIATIONS FROM TEST STANDARD

No deviations.

Run #	86
Configuration #	6
Results	Evaluation

Signature



Freq (MHz)	Amplitude (dBuV)			Transducer (dB)	Cable (dB)	External Attenuation (dB)		Detector (blank equal peaks (PK) from scan)		Adjusted dBuV	Spec Limit dBuV	Compared to Spec (dB)
0 061	62.0			0.0	0 0	0.0				62 0	100 0	-38.0
0 123	22 8			0 0	0.0	0.0				22 8	100 0	-77 2
0.111	22 7			0 0	0.0	0.0				22 7	100 0	-77 3
0 074	22 0			0.0	0 0	0 0				22 0	100 0	-78 0
0 073	21.6			0 0	0 0	0 0				21 6	100 0	-78.4
0 075	21 5			0 0	0.0	0 0				21 5	100 0	-78 5
0.070	21 1			0 0	0 0	0 0				21 1	100 0	-78 9
0 130	21 1			0 0	0 0	0 0				21 1	100 0	-78 9
0 905	21 1			0 0	0 0	0 0				21 1	100 0	-78 9
0 068	20 3			0 0	0.0	0.0				20 3	100 0	-79 7
0 068	19 7			0.0	0 0	0.0				19.7	100 0	-80 3
0 079	19 5			0.0	0 0	0.0				19 5	100.0	-80 5
0 076	19.3			0 0	0 0	0.0				19 3	100 0	-80 7
0 041	18 9			0 0	0 0	0.0				18 9	100 0	-81.1
0 077	18 8			0 0	0 0	0.0				18 8	100 0	-81 2
0 067	18 7			0 0	0 0	0 0				18 7	100 0	-81 3
0 081	18 6			0 0	0 0	0 0				18 6	100 0	-81 4
0 082	18.6			0.0	0.0	0 0				18 6	100 0	-81 4
0 084	18 6			0 0	0 0	0.0				18 6	100 0	-81 4

NORTHWEST EMC

CONDUCTED EMISSIONS - EVALUATION ONLY

ACQ 2005.9 12
EMI 2005.5 05

EUT:	Spinal Pak 2	Work Order:	CNTR0012
Serial Number:	15625	Date:	09/14/05
Customer:	[redacted]	Temperature:	23
Attendees:	[redacted]	Humidity:	38%
Project:		Barometric Pressure	30.11
Tested by:	[redacted]	Job Site:	EV04
Power:	Battery		

TEST SPECIFICATIONS	Test Method

TEST PARAMETERS

Cable or Line Tested	Positive

COMMENTS

100 Ohm AAMI load.

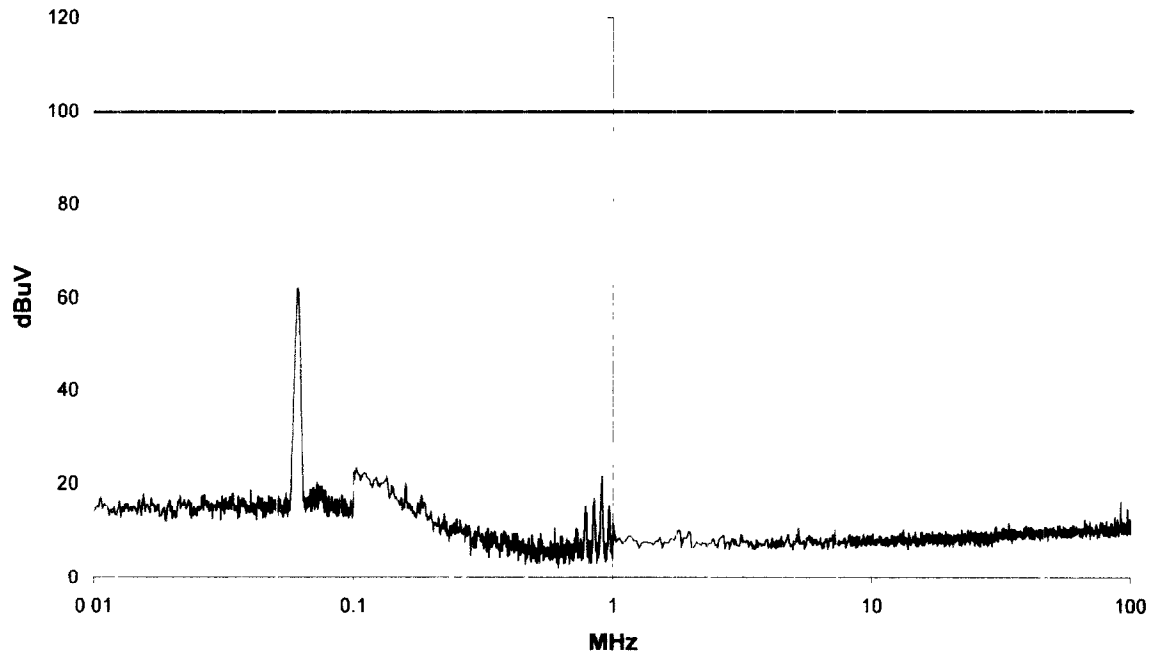
EUT OPERATING MODES

Normal operating mode.

DEVIATIONS FROM TEST STANDARD

No deviations.

Run #	87	
Configuration #	6	
Results	Evaluation	Signature



Freq (MHz)	Amplitude (dBuV)			Transducer (dB)	Cable (dB)	External Attenuation (dB)		Detector (blank equal peaks [PK] from scan)		Adjusted dBuV	Spec Limit dBuV	Compared to Spec (dB)
0 061	62 2			0.0	0.0	0 0				62 2	100.0	-37 8
0 103	23 6			0 0	0 0	0.0				23 6	100 0	-76.4
0 134	21 7			0.0	0 0	0 0				21 7	100 0	-78.3
0 905	21 7			0.0	0.0	0.0				21 7	100 0	-78 3
0 123	21 4			0 0	0 0	0.0				21 4	100 0	-78 6
0 072	20 4			0.0	0 0	0.0				20.4	100 0	-79 6
0 159	20 3			0.0	0 0	0.0				20 3	100 0	-79 7
0 073	19 8			0.0	0.0	0 0				19.8	100 0	-80 2
0 141	19.7			0.0	0 0	0.0				19.7	100.0	-80 3
0 075	19 5			0 0	0 0	0.0				19 5	100 0	-80 5
0 075	19 5			0 0	0.0	0.0				19 5	100 0	-80 5
0 070	19 3			0 0	0.0	0.0				19 3	100 0	-80 7
0 040	18 9			0 0	0 0	0 0				18 9	100 0	-81 1
0 068	18 9			0.0	0 0	0.0				18 9	100 0	-81 1
0.072	18 7			0 0	0 0	0.0				18 7	100 0	-81 3
0 078	18 6			0 0	0 0	0 0				18.6	100 0	-81 4
0 077	18.5			0 0	0 0	0 0				18 5	100 0	-81 5
0 055	18.2			0 0	0 0	0.0				18.2	100 0	-81 8
0 034	18 1			0.0	0 0	0 0				18 1	100 0	-81.9

NORTHWEST EMC

CONDUCTED EMISSIONS - EVALUATION ONLY

ACQ 2005.1.12
EMI 2005.1.04

EUT:	Spinal Pak 2	Work Order:	CNTR0012
Serial Number:	15625	Date:	09/14/05
Customer:	[redacted]	Temperature:	23
Attendees:	[redacted]	Humidity:	38%
Project:		Barometric Pressure	30.11
Tested by:	[redacted] Power: Battery	Job Site:	EV04

TEST SPECIFICATIONS | **Test Method**

TEST PARAMETERS

Cable or Line Tested	Positive

COMMENTS

100 Ohm AAMI load.

EUT OPERATING MODES

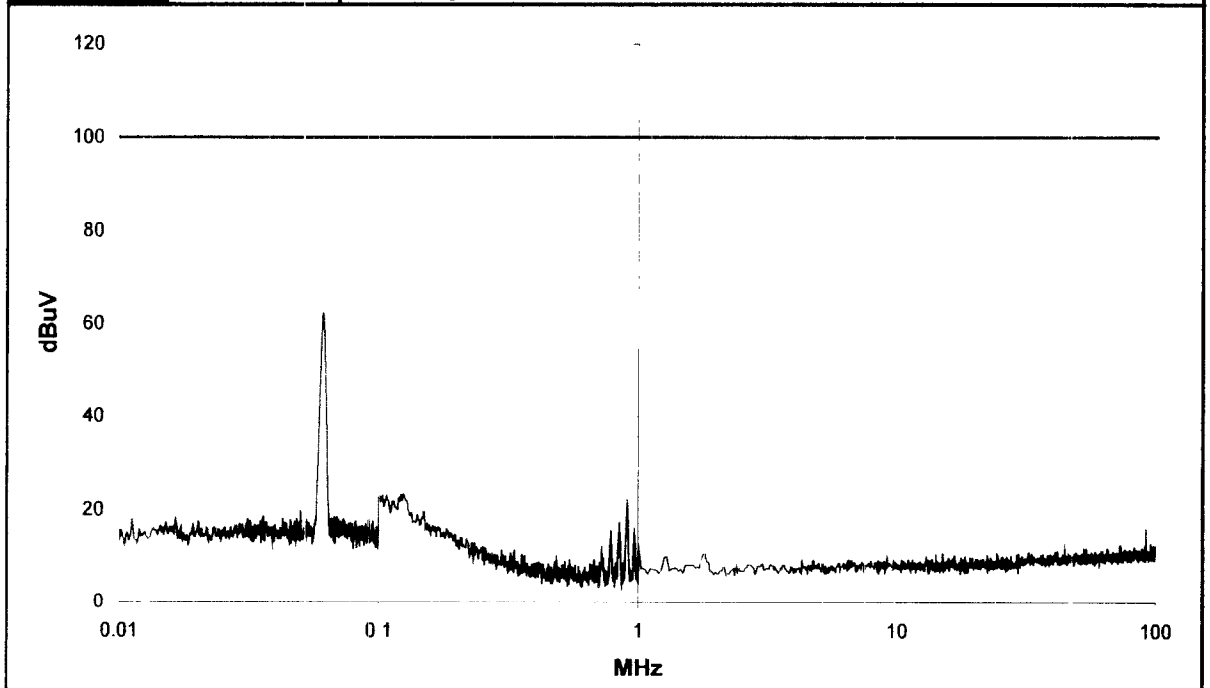
Normal operating mode.

DEVIATIONS FROM TEST STANDARD

No deviations.

Run #	88
Configuration #	6
Results	Evaluation

Signature: [illegible]



Freq (MHz)	Amplitude (dBuV)			Transducer (dB)	Cable (dB)	External Attenuation (dB)		Detector (blank equal peaks, (PK) from scan)		Adjusted dBuV	Spec Limit dBuV	Compared to Spec (dB)
0.061	62.3			0.0	0.0	0.0				62.3	100.0	-37.7
0.125	23.5			0.0	0.0	0.0				23.5	100.0	-76.5
0.104	23.2			0.0	0.0	0.0				23.2	100.0	-76.8
0.107	23.2			0.0	0.0	0.0				23.2	100.0	-76.8
0.905	22.5			0.0	0.0	0.0				22.5	100.0	-77.5
0.050	19.8			0.0	0.0	0.0				19.8	100.0	-80.2
0.150	19.8			0.0	0.0	0.0				19.8	100.0	-80.2
0.036	18.7			0.0	0.0	0.0				18.7	100.0	-81.3
0.068	18.5			0.0	0.0	0.0				18.5	100.0	-81.5
0.069	18.5			0.0	0.0	0.0				18.5	100.0	-81.5
0.016	18.4			0.0	0.0	0.0				18.4	100.0	-81.6
0.011	18.2			0.0	0.0	0.0				18.2	100.0	-81.8
0.043	18.2			0.0	0.0	0.0				18.2	100.0	-81.8
0.066	18.2			0.0	0.0	0.0				18.2	100.0	-81.8
0.031	18.1			0.0	0.0	0.0				18.1	100.0	-81.9
0.048	18.1			0.0	0.0	0.0				18.1	100.0	-81.9
0.066	18.1			0.0	0.0	0.0				18.1	100.0	-81.9
0.073	18.1			0.0	0.0	0.0				18.1	100.0	-81.9
0.053	18.0			0.0	0.0	0.0				18.0	100.0	-82.0

NORTHWEST EMC

CONDUCTED EMISSIONS - EVALUATION ONLY

ACQ 2005 9/13
EMI 2005 5/05

EUT:	Spinal Pak 2	Work Order:	CNTR0012
Serial Number:	15625	Date:	09/14/05
Customer:	[redacted]	Temperature:	23
Attendees:	[redacted]	Humidity:	38%
Project:		Barometric Pressure	30.11
Tested by:	[redacted] Power: Battery	Job Site:	EV04

TEST SPECIFICATIONS	Test Method

TEST PARAMETERS	
Cable or Line Tested	Positive

COMMENTS

100 Ohm AAMI load.

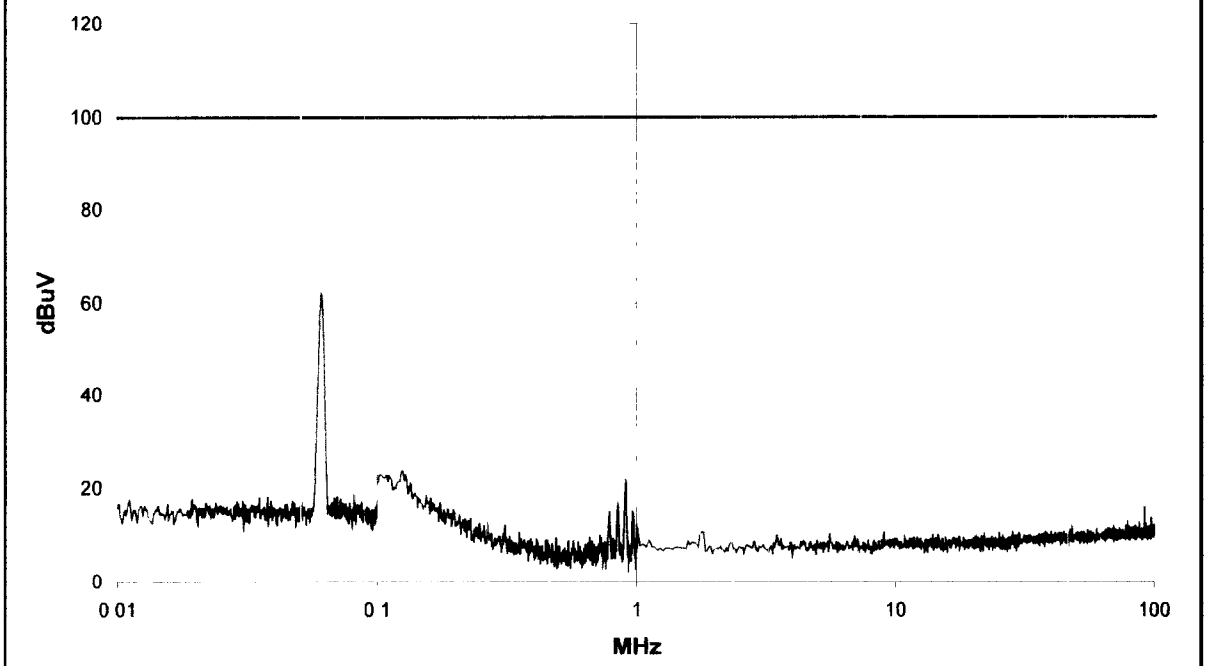
EUT OPERATING MODES

Normal operating mode.

DEVIATIONS FROM TEST STANDARD

No deviations.

Run #	89	
Configuration #	6	
Results	Evaluation	Signature



Freq (MHz)	Amplitude (dBuV)			Transducer (dB)	Cable (dB)	External Attenuation (dB)		Detector (blank equal peaks [PK] from scan)		Adjusted dBuV	Spec Limit dBuV	Compared to Spec (dB)
0 061	62.4			0 0	0 0	0.0				62 4	100.0	-37 6
0.124	23.9			0 0	0 0	0 0				23 9	100 0	-76 1
0 100	23.3			0 0	0 0	0 0				23 3	100 0	-76 7
0 905	22.0			0.0	0.0	0 0				22 0	100 0	-78.0
0 134	21 3			0.0	0 0	0 0				21.3	100 0	-78 7
0 081	18 8			0 0	0 0	0 0				18.8	100 0	-81.2
0 154	18.7			0.0	0 0	0 0				18.7	100.0	-81.3
0.070	18 4			0.0	0 0	0 0				18.4	100 0	-81.6
0.038	18.3			0 0	0 0	0 0				18 3	100 0	-81 7
0 035	18 1			0 0	0 0	0 0				18 1	100 0	-81.9
0 068	18 1			0 0	0 0	0 0				18.1	100 0	-81 9
0 144	18 1			0 0	0.0	0 0				18 1	100 0	-81.9
0 160	18 0			0.0	0 0	0 0				18.0	100 0	-82.0
0 072	17 9			0.0	0 0	0 0				17 9	100 0	-82.1
0 011	17.8			0.0	0 0	0.0				17 8	100.0	-82 2
0 019	17 8			0 0	0.0	0.0				17 8	100 0	-82.2
0 069	17 8			0 0	0 0	0 0				17 8	100 0	-82.2
0 030	17 4			0 0	0.0	0 0				17.4	100.0	-82.6
0 039	17.4			0 0	0 0	0 0				17 4	100 0	-82 6

NORTHWEST EMC

CONDUCTED EMISSIONS - EVALUATION ONLY

ACC 2005.9.12
EMI 2005.5.05

EUT:	Spinal Pak 2	Work Order:	CNTR0012
Serial Number:	15625	Date:	09/14/05
Customer:	[redacted]	Temperature:	23
Attendees:	[redacted]	Humidity:	38%
Project:		Barometric Pressure	30.11
Tested by:	[redacted]	Job Site:	EV04
Power:	Battery		

TEST SPECIFICATIONS | **Test Method**

TEST PARAMETERS

Cable or Line Tested	Positive

COMMENTS

700 Ohm Resistive load.

EUT OPERATING MODES

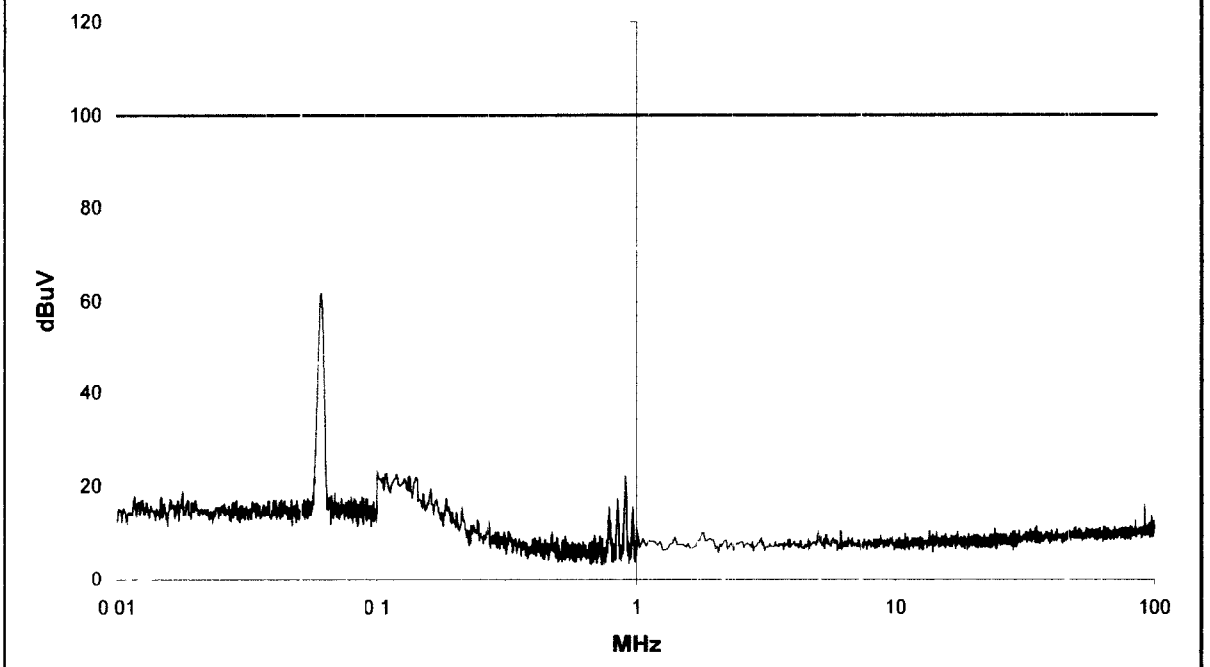
Normal operating mode.

DEVIATIONS FROM TEST STANDARD

No deviations.

Run #	90
Configuration #	6
Results	Evaluation

Signature



Freq (MHz)	Amplitude (dBuV)			Transducer (dB)	Cable (dB)	External Attenuation (dB)		Detector (blank equal peaks (PK) from scan)		Adjusted dBuV	Spec Limit dBuV	Compared to Spec (dB)
0.061	62.0			0.0	0.0	0.0				62.0	100.0	-38.0
0.100	23.6			0.0	0.0	0.0				23.6	100.0	-76.4
0.108	22.7			0.0	0.0	0.0				22.7	100.0	-77.3
0.120	22.6			0.0	0.0	0.0				22.6	100.0	-77.4
0.903	22.3			0.0	0.0	0.0				22.3	100.0	-77.7
0.133	22.2			0.0	0.0	0.0				22.2	100.0	-77.8
0.141	21.9			0.0	0.0	0.0				21.9	100.0	-78.1
0.161	19.5			0.0	0.0	0.0				19.5	100.0	-80.5
0.018	19.0			0.0	0.0	0.0				19.0	100.0	-81.0
0.057	18.7			0.0	0.0	0.0				18.7	100.0	-81.3
0.069	18.6			0.0	0.0	0.0				18.6	100.0	-81.4
0.150	18.5			0.0	0.0	0.0				18.5	100.0	-81.5
0.067	18.1			0.0	0.0	0.0				18.1	100.0	-81.9
0.012	18.0			0.0	0.0	0.0				18.0	100.0	-82.0
0.015	17.9			0.0	0.0	0.0				17.9	100.0	-82.1
0.080	17.9			0.0	0.0	0.0				17.9	100.0	-82.1
0.088	17.8			0.0	0.0	0.0				17.8	100.0	-82.2
0.065	17.7			0.0	0.0	0.0				17.7	100.0	-82.3
0.066	17.7			0.0	0.0	0.0				17.7	100.0	-82.3

NORTHWEST EMC

CONDUCTED EMISSIONS - EVALUATION ONLY

ACQ 2005 9.12
EMI 2005 5.05

EUT:	Spinal Pak 2	Work Order:	CNTR0012
Serial Number:	15625	Date:	09/14/05
Customer:	[redacted]	Temperature:	23
Attendees:	[redacted]	Humidity:	38%
Project:		Barometric Pressure	30.11
Tested by:	[redacted] Power: Battery	Job Site:	EV04

TEST SPECIFICATIONS | **Test Method**

TEST PARAMETERS

Cable or Line Tested	Positive

COMMENTS

600 Ohm Resistive load.

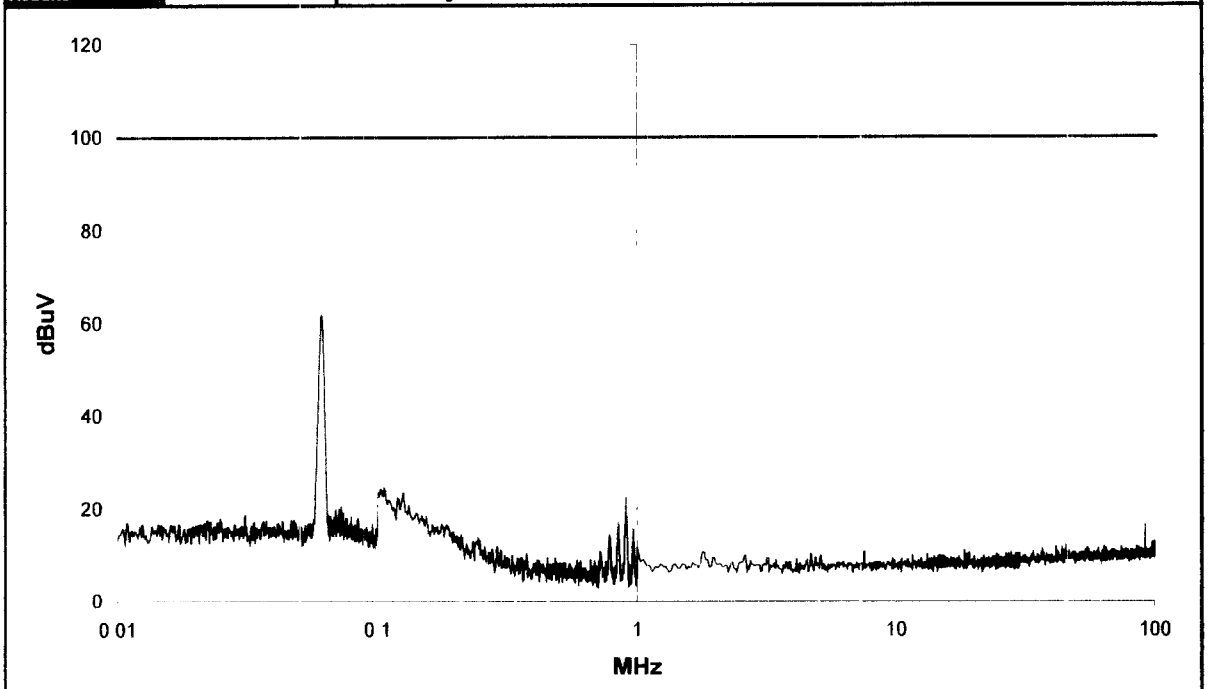
EUT OPERATING MODES

Normal operating mode.

DEVIATIONS FROM TEST STANDARD

No deviations.

Run #	91	
Configuration #	6	
Results	Evaluation	Signature



Freq (MHz)	Amplitude (dBuV)			Transducer (dB)	Cable (dB)	External Attenuation (dB)		Detector (blank equal peaks [PK] from scan)		Adjusted dBuV	Spec Limit dBuV	Compared to Spec (dB)
0 061	62.0			0.0	0 0	0 0				62.0	100 0	-38 0
0 106	24 7			0.0	0 0	0 0				24 7	100 0	-75 3
0 125	23.7			0 0	0 0	0.0				23.7	100.0	-76 3
0 120	22 6			0 0	0.0	0 0				22 6	100 0	-77.4
0 905	22 5			0 0	0 0	0.0				22 5	100 0	-77 5
0 132	20.9			0.0	0 0	0 0				20 9	100 0	-79 1
0 073	20 5			0 0	0 0	0.0				20 5	100 0	-79 5
0 071	20 1			0.0	0 0	0 0				20 1	100 0	-79 9
0 069	19 9			0 0	0 0	0.0				19 9	100 0	-80 1
0 074	19 2			0 0	0.0	0 0				19 2	100 0	-80 8
0 031	18.8			0 0	0 0	0 0				18 8	100 0	-81 2
0 065	18 7			0.0	0 0	0 0				18 7	100 0	-81 3
0 066	18 5			0 0	0 0	0 0				18 5	100 0	-81 5
0 154	18 5			0 0	0 0	0 0				18 5	100 0	-81 5
0 068	18 4			0 0	0 0	0.0				18 4	100 0	-81 6
0 079	18 4			0 0	0.0	0 0				18 4	100 0	-81 6
0 076	18.2			0 0	0 0	0 0				18 2	100 0	-81 8
0 025	18 1			0 0	0 0	0.0				18 1	100.0	-81 9
0.070	18 1			0 0	0 0	0.0				18.1	100 0	-81 9

NORTHWEST EMC

CONDUCTED EMISSIONS - EVALUATION ONLY

ACQ 200510 12
EMI 200515.05

EUT:	Spinal Pak 2	Work Order:	CNTR0012
Serial Number:	15625	Date:	09/14/05
Customer:	[redacted]	Temperature:	23
Attendees:	[redacted]	Humidity:	38%
Project:		Barometric Pressure	30.11
Tested by:	[redacted] Power: Battery	Job Site:	EV04

TEST SPECIFICATIONS | **Test Method**

TEST PARAMETERS

Cable or Line Tested	Positive

COMMENTS

500 Ohm Resistive load.

EUT OPERATING MODES

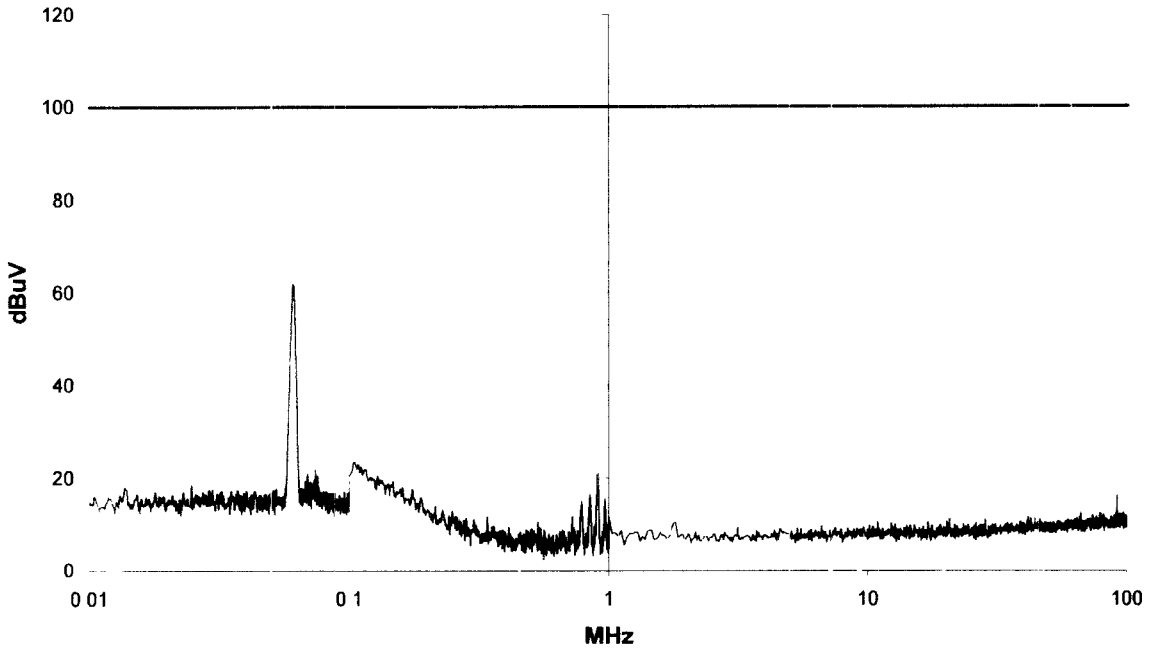
Normal operating mode.

DEVIATIONS FROM TEST STANDARD

No deviations.

Run #	92
Configuration #	6
Results	Evaluation

Signature



Freq (MHz)	Amplitude (dBuV)			Transducer (dB)	Cable (dB)	External Attenuation (dB)		Detector (blank equal peaks [PK] from scan)		Adjusted dBuV	Spec Limit dBuV	Compared to Spec (dB)
0.061	62 0			0.0	0.0	0.0				62 0	100 0	-38 0
0 105	23 6			0.0	0 0	0 0				23 6	100 0	-76 4
0 074	21.9			0 0	0.0	0.0				21 9	100.0	-78.1
0 904	21 7			0 0	0.0	0 0				21 7	100 0	-78 3
0 069	21 0			0 0	0.0	0 0				21.0	100 0	-79 0
0.075	20.5			0 0	0.0	0 0				20 5	100 0	-79 5
0.129	20.5			0.0	0 0	0 0				20 5	100 0	-79 5
0.073	19 7			0 0	0 0	0 0				19 7	100 0	-80 3
0 068	19.4			0.0	0 0	0 0				19 4	100.0	-80.6
0 147	19 4			0 0	0 0	0 0				19 4	100 0	-80 6
0 071	19 3			0 0	0 0	0 0				19 3	100 0	-80 7
0 069	19 1			0 0	0.0	0.0				19 1	100 0	-80.9
0.075	19 0			0 0	0.0	0 0				19 0	100 0	-81 0
0 141	18.9			0.0	0 0	0 0				18 9	100 0	-81 1
0 072	18 8			0 0	0 0	0 0				18.8	100.0	-81 2
0 025	18 7			0 0	0 0	0.0				18 7	100 0	-81 3
0 014	18 2			0 0	0 0	0 0				18 2	100 0	-81 8
0 069	18 2			0 0	0.0	0 0				18.2	100 0	-81 8
0 077	18.2			0.0	0 0	0 0				18 2	100.0	-81 8

NORTHWEST EMC

CONDUCTED EMISSIONS - EVALUATION ONLY

ACC2005[illegible]2
EMC2005[illegible]5

EUT:	Spinal Pak 2	Work Order:	CNTR0012
Serial Number:	15625	Date:	09/14/05
Customer:	[redacted]	Temperature:	23
Attendees:	[redacted]	Humidity:	38%
Project:		Barometric Pressure	30.11
Tested by:	[redacted] Power: Battery	Job Site:	EV04

TEST SPECIFICATIONS | **Test Method**

TEST PARAMETERS

Cable or Line Tested: Positive

COMMENTS

400 Ohm Resistive load.

EUT OPERATING MODES

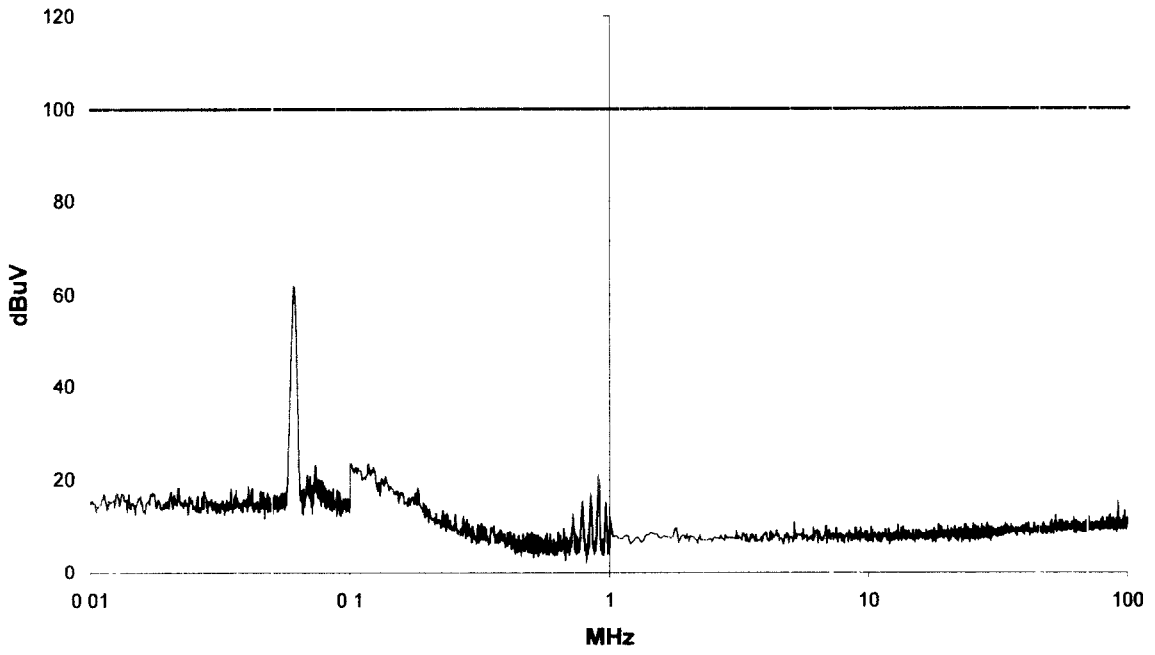
Normal operating mode.

DEVIATIONS FROM TEST STANDARD

No deviations.

Run #	93
Configuration #	6
Results	Evaluation

Signature: [illegible]



Freq (MHz)	Amplitude (dBuV)			Transducer (dB)	Cable (dB)	External Attenuation (dB)		Detector (blank equal peaks (PK) from scan)		Adjusted dBuV	Spec Limit dBuV	Compared to Spec (dB)
0.061	62.0			0.0	0.0	0.0				62.0	100.0	-38 0
0 100	24 0			0.0	0 0	0 0				24 0	100 0	-76.0
0 118	23.5			0 0	0 0	0.0				23 5	100 0	-76 5
0 073	23 2			0 0	0 0	0.0				23 2	100 0	-76 8
0.068	21 1			0 0	0 0	0 0				21 1	100 0	-78.9
0.905	21 1			0.0	0.0	0 0				21.1	100 0	-78.9
0.070	20 8			0.0	0.0	0 0				20 8	100 0	-79 2
0 137	20.8			0 0	0 0	0 0				20 8	100.0	-79.2
0 076	20.1			0 0	0 0	0.0				20 1	100 0	-79.9
0 076	20 0			0 0	0.0	0.0				20 0	100 0	-80.0
0 078	19.9			0 0	0 0	0 0				19 9	100 0	-80.1
0.077	19.8			0.0	0.0	0 0				19.8	100.0	-80.2
0.069	19 5			0.0	0 0	0 0				19.5	100 0	-80 5
0.072	18 9			0.0	0 0	0 0				18 9	100 0	-81.1
0 080	18.8			0.0	0.0	0.0				18.8	100 0	-81.2
0 041	18 7			0 0	0 0	0 0				18 7	100 0	-81 3
0 078	18 7			0 0	0 0	0 0				18 7	100 0	-81.3
0 022	18 4			0.0	0 0	0 0				18.4	100 0	-81.6
0 042	18 3			0 0	0 0	0 0				18.3	100 0	-81.7

NORTHWEST EMC

CONDUCTED EMISSIONS - EVALUATION ONLY

ACD 2005.1.12
EMI 2005.5.05

EUT:	Spinal Pak 2	Work Order:	CNTR0012
Serial Number:	15625	Date:	09/14/05
Customer:	[redacted]	Temperature:	23
Attendees:	[redacted]	Humidity:	38%
Project:		Barometric Pressure	30.11
Tested by:	[redacted]	Job Site:	EV04
Power:	Battery		

TEST SPECIFICATIONS — Test Method

TEST PARAMETERS

Cable or Line Tested: Positive

COMMENTS

300 Ohm Resistive load.

EUT OPERATING MODES

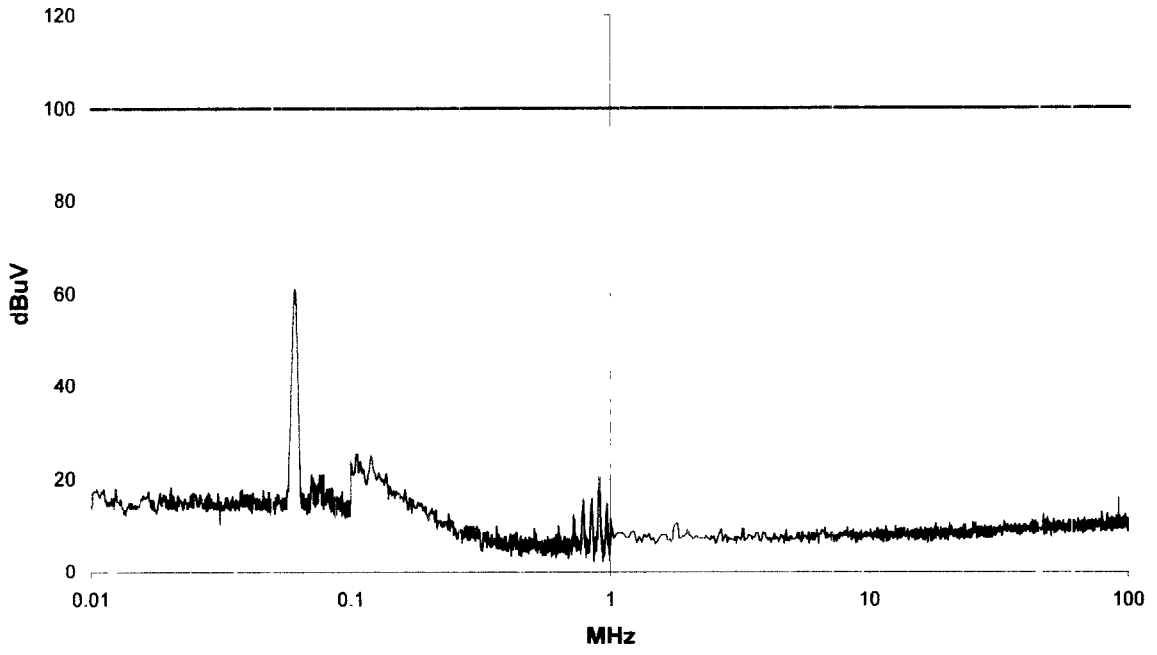
Normal operating mode.

DEVIATIONS FROM TEST STANDARD

No deviations.

Run #	94
Configuration #	6
Results	Evaluation

Signature: Sandra Palmer



Freq (MHz)	Amplitude (dBuV)			Transducer (dB)	Cable (dB)	External Attenuation (dB)		Detector (blank equal peaks [PK] from scan)		Adjusted dBuV	Spec Limit dBuV	Compared to Spec (dB)
0.061	61.1			0.0	0.0	0.0				61.1	100.0	-38.9
0.105	25.5			0.0	0.0	0.0				25.5	100.0	-74.5
0.120	25.2			0.0	0.0	0.0				25.2	100.0	-74.8
0.100	24.1			0.0	0.0	0.0				24.1	100.0	-75.9
0.109	23.8			0.0	0.0	0.0				23.8	100.0	-76.2
0.137	21.3			0.0	0.0	0.0				21.3	100.0	-78.7
0.071	21.1			0.0	0.0	0.0				21.1	100.0	-78.9
0.076	21.0			0.0	0.0	0.0				21.0	100.0	-79.0
0.078	21.0			0.0	0.0	0.0				21.0	100.0	-79.0
0.077	20.9			0.0	0.0	0.0				20.9	100.0	-79.1
0.903	20.7			0.0	0.0	0.0				20.7	100.0	-79.3
0.073	19.3			0.0	0.0	0.0				19.3	100.0	-80.7
0.073	18.7			0.0	0.0	0.0				18.7	100.0	-81.3
0.141	18.7			0.0	0.0	0.0				18.7	100.0	-81.3
0.020	18.4			0.0	0.0	0.0				18.4	100.0	-81.6
0.012	18.3			0.0	0.0	0.0				18.3	100.0	-81.7
0.085	18.3			0.0	0.0	0.0				18.3	100.0	-81.7
0.083	18.2			0.0	0.0	0.0				18.2	100.0	-81.8
0.011	18.1			0.0	0.0	0.0				18.1	100.0	-81.9

NORTHWEST EMC

CONDUCTED EMISSIONS - EVALUATION ONLY

AQS2005.1.12
EMI2005.5.05

EUT:	Spinal Pak 2	Work Order:	CNTR0012
Serial Number:	15625	Date:	09/14/05
Customer:	[redacted]	Temperature:	23
Attendees:	[redacted]	Humidity:	38%
Project:		Barometric Pressure	30.11
Tested by:	[redacted] Power: Battery	Job Site:	EV04

TEST SPECIFICATIONS | **Test Method**

TEST PARAMETERS

Cable or Line Tested: Positive

COMMENTS

200 Ohm Resistive load.

EUT OPERATING MODES

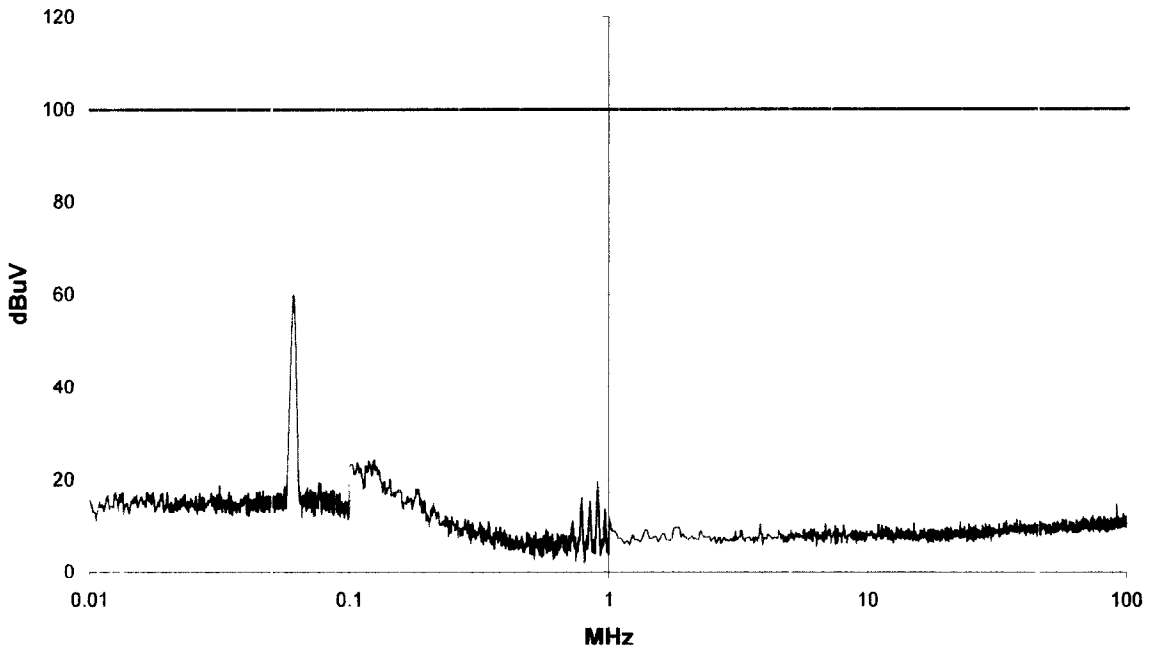
Normal operating mode.

DEVIATIONS FROM TEST STANDARD

No deviations.

Run #	95
Configuration #	6
Results	Evaluation

Signature



Freq (MHz)	Amplitude (dBuV)			Transducer (dB)	Cable (dB)	External Attenuation (dB)		Detector (blank equal peaks [PK] from scan)		Adjusted dBuV	Spec Limit dBuV	Compared to Spec (dB)
0.061	59.9			0 0	0.0	0.0				59 9	100 0	-40.1
0 124	24 3			0.0	0.0	0.0				24 3	100 0	-75 7
0.119	24 1			0.0	0.0	0.0				24.1	100 0	-75 9
0 107	23 7			0 0	0 0	0.0				23 7	100 0	-76.3
0 103	23 4			0 0	0 0	0 0				23 4	100 0	-76 6
0 143	20 3			0 0	0.0	0.0				20.3	100.0	-79 7
0.904	19 9			0 0	0 0	0 0				19 9	100 0	-80.1
0 136	19 7			0 0	0 0	0.0				19 7	100 0	-80.3
0.076	19 4			0 0	0 0	0.0				19 4	100 0	-80.6
0 078	19 3			0 0	0 0	0 0				19 3	100 0	-80 7
0 032	18 9			0 0	0 0	0.0				18 9	100 0	-81 1
0 056	18 6			0 0	0.0	0.0				18.6	100 0	-81 4
0.069	18.4			0 0	0 0	0 0				18.4	100.0	-81 6
0 181	18 2			0 0	0 0	0.0				18 2	100 0	-81 8
0 071	18 0			0 0	0 0	0.0				18 0	100 0	-82.0
0 087	17 9			0 0	0 0	0 0				17 9	100 0	-82 1
0 047	17 7			0 0	0 0	0 0				17 7	100 0	-82 3
0 081	17.7			0.0	0.0	0 0				17.7	100.0	-82 3
0 085	17 7			0 0	0 0	0 0				17 7	100 0	-82 3

NORTHWEST EMC

CONDUCTED EMISSIONS - EVALUATION ONLY

ACD 2005 9.12
EMI 2005 5.05

EUT:	Spinal Pak 2	Work Order:	CNTR0012
Serial Number:	15625	Date:	09/14/05
Customer:	[redacted]	Temperature:	23
Attendees:	[redacted]	Humidity:	38%
Project:		Barometric Pressure	30.11
Tested by:	[redacted] Power: Battery	Job Site:	EV04

TEST SPECIFICATIONS	Test Method

TEST PARAMETERS	
Cable or Line Tested	Positive

COMMENTS

100 Ohm Resistive load.

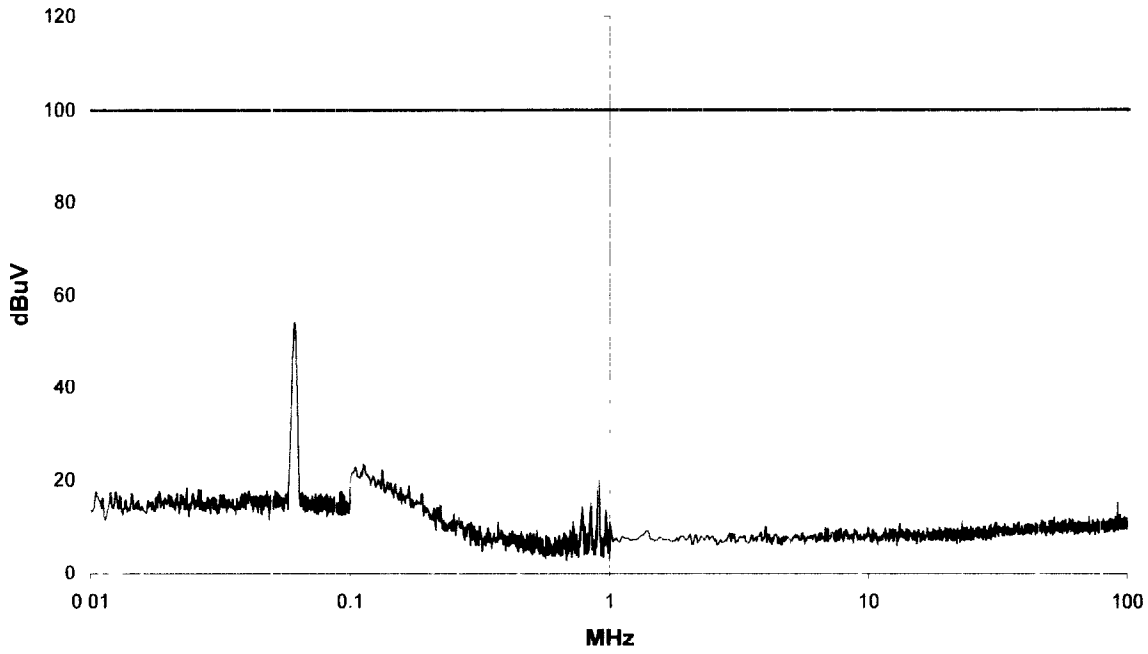
EUT OPERATING MODES

Normal operating mode.

DEVIATIONS FROM TEST STANDARD

No deviations.

Run #	96	
Configuration #	6	
Results	Evaluation	Signature



Freq (MHz)	Amplitude (dBuV)			Transducer (dB)	Cable (dB)	External Attenuation (dB)		Detector (blank equal peaks [PK] from scan)		Adjusted dBuV	Spec Limit dBuV	Compared to Spec (dB)
0.061	54.1			0.0	0.0	0.0				54.1	100.0	-45.9
0.113	23.5			0.0	0.0	0.0				23.5	100.0	-76.5
0.105	22.9			0.0	0.0	0.0				22.9	100.0	-77.1
0.132	22.2			0.0	0.0	0.0				22.2	100.0	-77.8
0.123	21.0			0.0	0.0	0.0				21.0	100.0	-79.0
0.905	20.0			0.0	0.0	0.0				20.0	100.0	-80.0
0.139	19.6			0.0	0.0	0.0				19.6	100.0	-80.4
0.149	19.2			0.0	0.0	0.0				19.2	100.0	-80.8
0.168	18.9			0.0	0.0	0.0				18.9	100.0	-81.1
0.156	18.5			0.0	0.0	0.0				18.5	100.0	-81.5
0.023	18.4			0.0	0.0	0.0				18.4	100.0	-81.6
0.026	18.1			0.0	0.0	0.0				18.1	100.0	-81.9
0.027	18.0			0.0	0.0	0.0				18.0	100.0	-82.0
0.100	18.0			0.0	0.0	0.0				18.0	100.0	-82.0
0.041	17.8			0.0	0.0	0.0				17.8	100.0	-82.2
0.051	17.8			0.0	0.0	0.0				17.8	100.0	-82.2
0.018	17.7			0.0	0.0	0.0				17.7	100.0	-82.3
0.048	17.7			0.0	0.0	0.0				17.7	100.0	-82.3
0.093	17.7			0.0	0.0	0.0				17.7	100.0	-82.3

NORTHWEST EMC

CONDUCTED EMISSIONS - EVALUATION ONLY

EUT:	Spinal Pak 2	Work Order:	CNTR0012
Serial Number:	15625	Date:	09/14/05
Customer:	[redacted]	Temperature:	23
Attendees:	[redacted]	Humidity:	38%
Project:		Barometric Pressure	30.11
Tested by:	[redacted]	Job Site:	EV04
	Power: Battery		

TEST SPECIFICATIONS | **Test Method**

TEST PARAMETERS

Cable or Line Tested	Positive

COMMENTS

500 Ohm AAMI load.

EUT OPERATING MODES

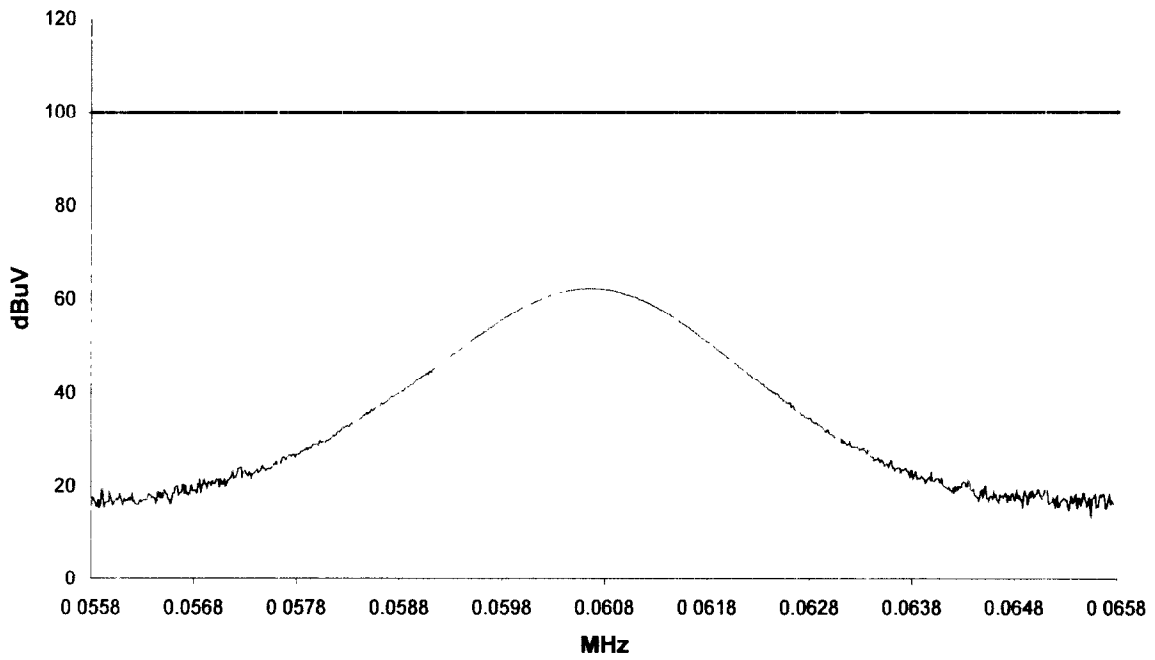
Normal operating mode.

DEVIATIONS FROM TEST STANDARD

No deviations.

Run #	97
Configuration #	6
Results	Evaluation

Signature



Freq (MHz)	Amplitude (dBuV)			Transducer (dB)	Cable (dB)	External Attenuation (dB)		Detector (blank equal peaks [PK] from scan)		Adjusted dBuV	Spec Limit dBuV	Compared to Spec (dB)
0 061	62 2			0 0	0 0	0.0				62 2	100 0	-37 8
0.057	24 1			0 0	0 0	0 0				24 1	100.0	-75 9
0.064	23 2			0 0	0 0	0 0				23 2	100 0	-76 8
0 057	21 7			0 0	0 0	0.0				21 7	100.0	-78 3
0 057	21 6			0 0	0 0	0.0				21 6	100 0	-78 4
0 064	21.5			0 0	0 0	0.0				21 5	100.0	-78.5
0.057	20 4			0 0	0 0	0.0				20 4	100 0	-79.6
0 065	20 2			0 0	0 0	0.0				20 2	100 0	-79.8
0.057	20 1			0 0	0 0	0.0				20 1	100 0	-79 9
0 056	19 8			0.0	0 0	0 0				19 8	100.0	-80.2
0 065	19 7			0 0	0 0	0 0				19.7	100.0	-80 3
0.065	19 5			0 0	0 0	0 0				19.5	100.0	-80.5
0 065	19 5			0 0	0.0	0 0				19 5	100.0	-80.5
0 057	19 2			0 0	0 0	0.0				19 2	100 0	-80.8
0 065	19 2			0 0	0 0	0 0				19 2	100 0	-80.8
0 065	19 2			0 0	0 0	0 0				19.2	100 0	-80 8
0 056	19 0			0 0	0 0	0 0				19.0	100.0	-81.0
0.056	18 9			0 0	0.0	0 0				18 9	100.0	-81 1
0 056	18 7			0 0	0 0	0.0				18 7	100.0	-81 3

NORTHWEST EMC

CONDUCTED EMISSIONS - EVALUATION ONLY

ACD 2005.5.12
EMI 2005.5.15

EUT:	Spinal Pak 2	Work Order:	CNTR0012
Serial Number:	15625	Date:	09/14/05
Customer:	[redacted]	Temperature:	23
Attendees:	[redacted]	Humidity:	38%
Project:		Barometric Pressure	30.11
Tested by:	[redacted]n	Power: Battery	Job Site: EV04

TEST SPECIFICATIONS	Test Method

TEST PARAMETERS

Cable or Line Tested	Positive

COMMENTS

500 Ohm AAMI load.

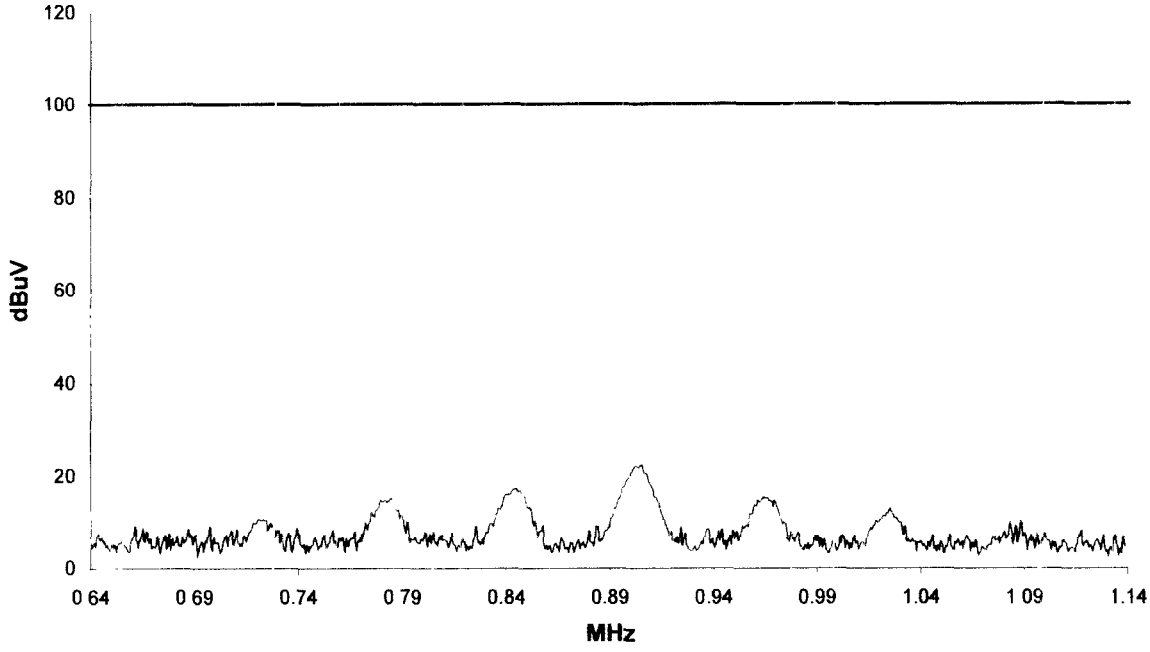
EUT OPERATING MODES

Normal operating mode.

DEVIATIONS FROM TEST STANDARD

No deviations.

Run #	98	
Configuration #	6	
Results	Evaluation	Signature



Freq (MHz)	Amplitude (dBuV)			Transducer (dB)	Cable (dB)	External Attenuation (dB)		Detector (blank equal peaks [PK] from scan)		Adjusted dBuV	Spec Limit dBuV	Compared to Spec (dB)
0.905	22.5			0.0	0 0	0.0				22 5	100 0	-77 5
0 844	17 1			0 0	0 0	0 0				17 1	100 0	-82 9
0 964	15 4			0 0	0 0	0 0				15 4	100.0	-84 6
0 785	15 2			0.0	0 0	0 0				15 2	100 0	-84.8
1 025	13 0			0 0	0 0	0 0				13.0	100 0	-87 0
0 721	10 7			0 0	0.0	0.0				10 7	100.0	-89 3
1 088	10 3			0 0	0 0	0.0				10 3	100.0	-89 7
0 792	10 2			0 0	0 0	0.0				10 2	100 0	-89 8
1.063	10 1			0 0	0 0	0 0				10 1	100.0	-89 9
0 858	9 4			0.0	0 0	0 0				9 4	100 0	-90 6
1 086	9 3			0 0	0 0	0.0				9 3	100.0	-90 7
0 661	9.2			0.0	0 0	0 0				9 2	100 0	-90.8
0 697	9 2			0 0	0 0	0 0				9.2	100 0	-90.8
0 883	9 2			0 0	0 0	0 0				9 2	100.0	-90 8
0 825	9 1			0 0	0.0	0.0				9 1	100 0	-90.9
0 924	8 9			0 0	0 0	0.0				8 9	100 0	-91 1
0 739	8 8			0 0	0.0	0 0				8 8	100 0	-91 2
0 665	8.7			0.0	0.0	0 0				8 7	100 0	-91.3
0 937	8.7			0 0	0 0	0 0				8 7	100 0	-91 3

Section 2 SpecAnal Sp19235 Data.pdf
1 of 16 pgs.

NORTHWEST EMC

CONDUCTED EMISSIONS - EVALUATION ONLY

EUT:	Spinal Pak 2	Work Order:	CNTR0012
Serial Number:	19235	Date:	09/14/05
Customer:	[redacted]	Temperature:	23
Attendees:	[redacted]	Humidity:	38%
Project:		Barometric Pressure	30.11
Tested by:	[redacted] Power: Battery	Job Site:	EV04

TEST SPECIFICATIONS | Test Method

TEST PARAMETERS

Cable or Line Tested: Positive

COMMENTS

100 Ohm AAMI load.

EUT OPERATING MODES

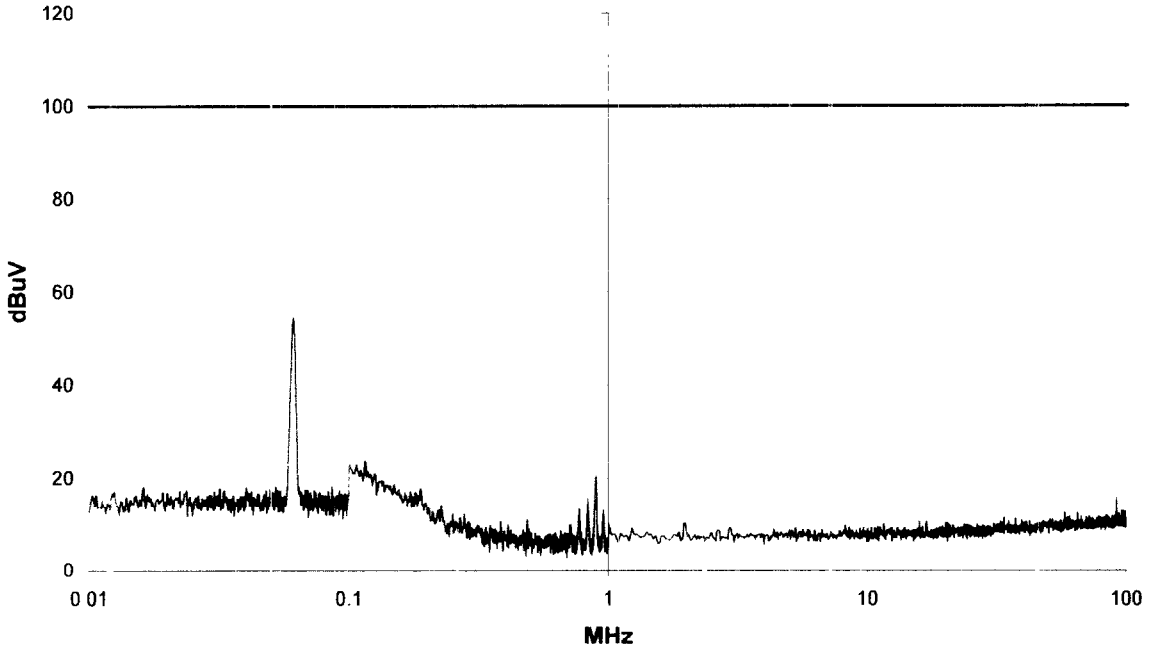
Normal operating mode.

DEVIATIONS FROM TEST STANDARD

No deviations.

Run #	99
Configuration #	7
Results	Evaluation

Signature



Freq (MHz)	Amplitude (dBuV)			Transducer (dB)	Cable (dB)	External Attenuation (dB)		Detector (blank equal peaks [PK] from scan)		Adjusted dBuV	Spec Limit dBuV	Compared to Spec (dB)
0.061	54.3			0.0	0.0	0.0				54.3	100.0	-45.7
0.115	23.9			0.0	0.0	0.0				23.9	100.0	-76.1
0.101	23.1			0.0	0.0	0.0				23.1	100.0	-76.9
0.126	21.1			0.0	0.0	0.0				21.1	100.0	-78.9
0.894	20.5			0.0	0.0	0.0				20.5	100.0	-79.5
0.135	19.6			0.0	0.0	0.0				19.6	100.0	-80.4
0.150	18.8			0.0	0.0	0.0				18.8	100.0	-81.2
0.016	18.4			0.0	0.0	0.0				18.4	100.0	-81.6
0.050	18.4			0.0	0.0	0.0				18.4	100.0	-81.6
0.052	18.2			0.0	0.0	0.0				18.2	100.0	-81.8
0.086	18.2			0.0	0.0	0.0				18.2	100.0	-81.8
0.040	18.1			0.0	0.0	0.0				18.1	100.0	-81.9
0.032	17.9			0.0	0.0	0.0				17.9	100.0	-82.1
0.189	17.9			0.0	0.0	0.0				17.9	100.0	-82.1
0.053	17.6			0.0	0.0	0.0				17.6	100.0	-82.4
0.068	17.6			0.0	0.0	0.0				17.6	100.0	-82.4
0.086	17.6			0.0	0.0	0.0				17.6	100.0	-82.4
0.024	17.5			0.0	0.0	0.0				17.5	100.0	-82.5
0.048	17.5			0.0	0.0	0.0				17.5	100.0	-82.5

NORTHWEST EMC

CONDUCTED EMISSIONS - EVALUATION ONLY

ACQ 2005.0.10
EMI 2005.5.00

EUT:	Spinal Pak 2	Work Order:	CNTR0012
Serial Number:	19235	Date:	09/14/05
Customer:	[redacted]	Temperature:	23
Attendees:	[redacted]	Humidity:	38%
Project:		Barometric Pressure	30.11
Tested by:	[redacted] Power: Battery	Job Site:	EV04

TEST SPECIFICATIONS | **Test Method**

TEST PARAMETERS

Cable or Line Tested	Positive

COMMENTS

200 Ohm AAMI load.

EUT OPERATING MODES

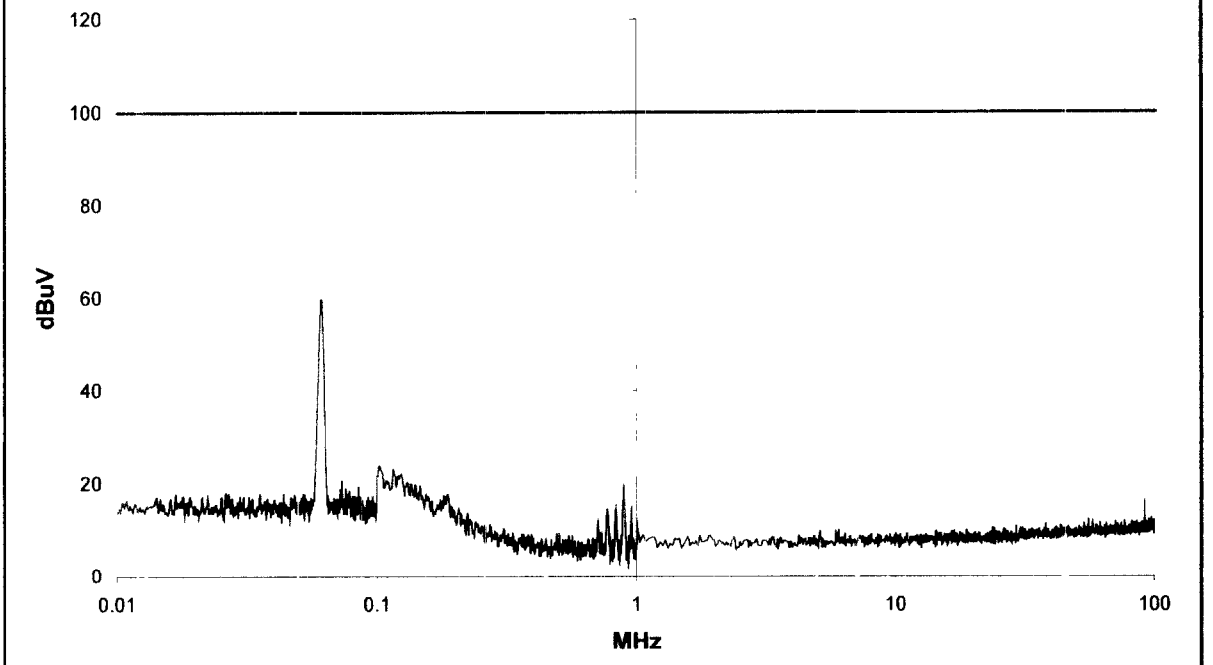
Normal operating mode.

DEVIATIONS FROM TEST STANDARD

No deviations.

Run #	100
Configuration #	7
Results	Evaluation

Signature



Freq (MHz)	Amplitude (dBuV)			Transducer (dB)	Cable (dB)	External Attenuation (dB)		Detector (blank equal peaks [PK] from scan)		Adjusted dBuV	Spec Limit dBuV	Compared to Spec (dB)
0 061	59 9			0 0	0 0	0 0				59 9	100 0	-40 1
0 102	24 0			0 0	0 0	0.0				24 0	100.0	-76 0
0 115	23.2			0 0	0 0	0.0				23 2	100 0	-76 8
0 124	22 2			0.0	0 0	0 0				22 2	100.0	-77 8
0 073	20 8			0 0	0 0	0 0				20 8	100 0	-79 2
0 131	20.3			0 0	0 0	0.0				20.3	100.0	-79 7
0 135	20 0			0 0	0 0	0 0				20.0	100 0	-80 0
0 141	19 9			0 0	0 0	0.0				19 9	100 0	-80 1
0.892	19 9			0 0	0 0	0.0				19 9	100 0	-80 1
0 147	19 6			0 0	0 0	0 0				19.6	100.0	-80 4
0 085	19 4			0 0	0 0	0 0				19 4	100 0	-80 6
0 076	19 1			0 0	0 0	0.0				19 1	100 0	-80 9
0.072	18 9			0 0	0 0	0 0				18 9	100 0	-81 1
0 078	18.5			0 0	0 0	0.0				18 5	100 0	-81 5
0.026	18 2			0 0	0.0	0.0				18 2	100 0	-81 8
0 035	18 0			0 0	0 0	0 0				18.0	100.0	-82 0
0 052	18 0			0 0	0 0	0.0				18 0	100 0	-82 0
0 154	18 0			0 0	0 0	0.0				18 0	100 0	-82 0
0.017	17.9			0 0	0 0	0.0				17 9	100 0	-82 1

NORTHWEST EMC

CONDUCTED EMISSIONS - EVALUATION ONLY

ACQ 2005 9 12
EMI 2005 5 05

EUT:	Spinal Pak 2	Work Order:	CNTR0012
Serial Number:	19235	Date:	09/14/05
Customer:	[redacted]	Temperature:	23
Attendees:	[redacted]	Humidity:	38%
Project:		Barometric Pressure	30.11
Tested by:	[redacted] Power: Battery	Job Site:	EV04

TEST SPECIFICATIONS | **Test Method**

TEST PARAMETERS

Cable or Line Tested	Positive

COMMENTS

300 Ohm AAMI load.

EUT OPERATING MODES

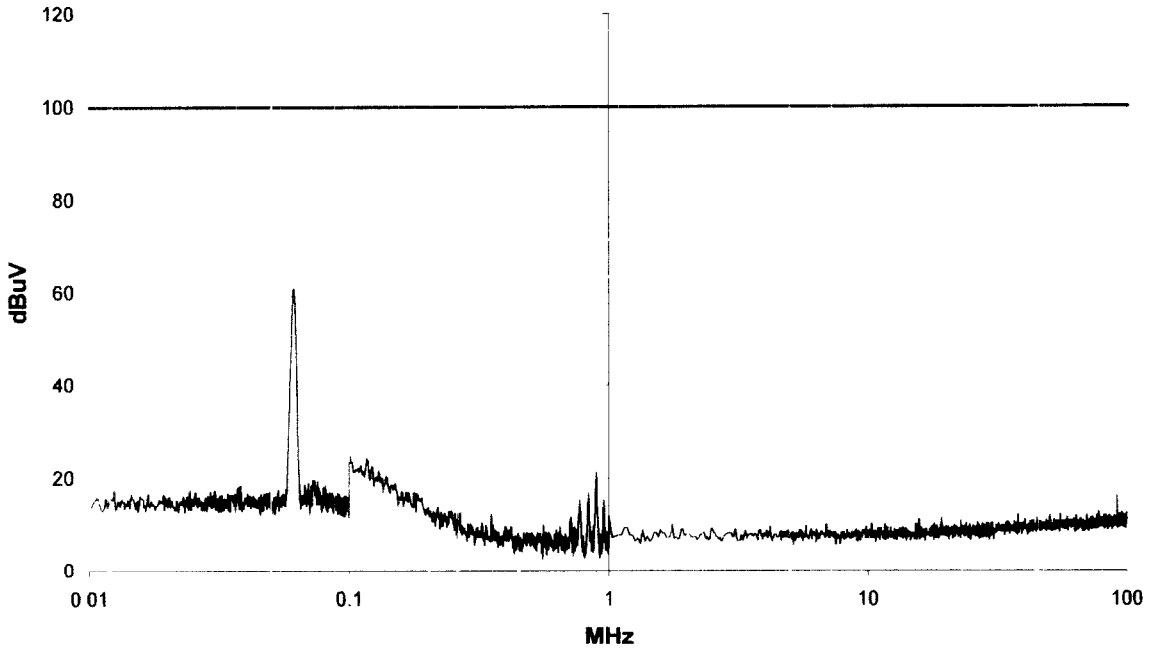
Normal operating mode.

DEVIATIONS FROM TEST STANDARD

No deviations.

Run #	101
Configuration #	7
Results	Evaluation

Signature



Freq (MHz)	Amplitude (dBuV)			Transducer (dB)	Cable (dB)	External Attenuation (dB)		Detector (blank equal peaks (PK) from scan)		Adjusted dBuV	Spec Limit dBuV	Compared to Spec (dB)
0 061	61 0			0 0	0 0	0.0				61.0	100 0	-39.0
0 101	24.8			0 0	0 0	0 0				24 8	100 0	-75.2
0.117	24.4			0 0	0.0	0.0				24 4	100 0	-75.6
0 123	22.7			0 0	0 0	0.0				22 7	100 0	-77 3
0 130	21.6			0 0	0 0	0.0				21 6	100 0	-78 4
0 893	21.3			0.0	0.0	0.0				21.3	100 0	-78.7
0 139	20 5			0 0	0 0	0.0				20 5	100 0	-79.5
0.072	19 8			0 0	0 0	0.0				19 8	100 0	-80.2
0.075	19 4			0 0	0.0	0.0				19 4	100 0	-80 6
0 069	19.0			0 0	0 0	0 0				19 0	100 0	-81 0
0 150	19 0			0 0	0 0	0 0				19 0	100 0	-81 0
0 067	18 7			0 0	0 0	0 0				18 7	100.0	-81.3
0.038	18.5			0 0	0 0	0.0				18 5	100 0	-81 5
0 071	18.5			0 0	0.0	0.0				18 5	100 0	-81.5
0.081	18.5			0 0	0 0	0.0				18 5	100 0	-81 5
0 037	18 2			0 0	0 0	0.0				18 2	100 0	-81.8
0 076	18 2			0 0	0 0	0 0				18 2	100 0	-81.8
0 079	18 2			0 0	0.0	0.0				18 2	100 0	-81.8
0.012	17.6			0 0	0 0	0 0				17 6	100 0	-82 4

NORTHWEST EMC

CONDUCTED EMISSIONS - EVALUATION ONLY

ACC 2005.9.12
EMI 2005.5.05

EUT:	Spinal Pak 2	Work Order:	CNTR0012
Serial Number:	19235	Date:	09/14/05
Customer:	[redacted]	Temperature:	23
Attendees:	[redacted]	Humidity:	38%
Project:		Barometric Pressure	30.11
Tested by:	[redacted]	Job Site:	EV04
Power:	Battery		

TEST SPECIFICATIONS | **Test Method**

TEST PARAMETERS

Cable or Line Tested: Positive

COMMENTS

400 Ohm AAMI load.

EUT OPERATING MODES

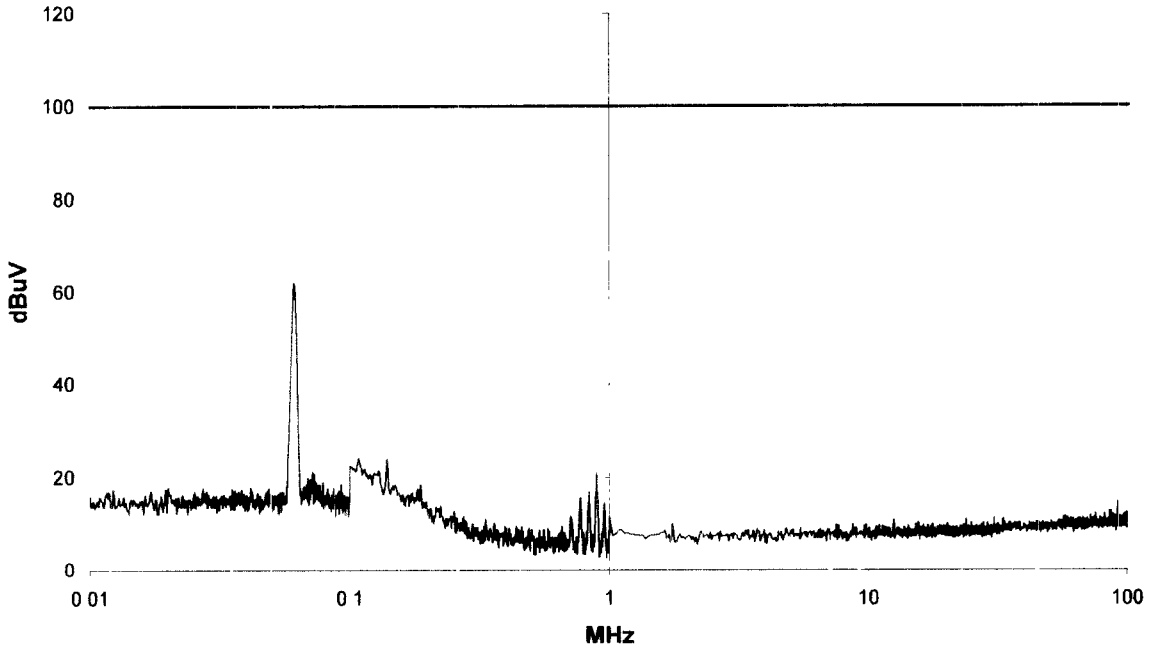
Normal operating mode.

DEVIATIONS FROM TEST STANDARD

No deviations.

Run #	102
Configuration #	7
Results	Evaluation

Signature



Freq (MHz)	Amplitude (dBuV)			Transducer (dB)	Cable (dB)	External Attenuation (dB)		Detector (blank equal peaks (PK) from scan)		Adjusted dBuV	Spec Limit dBuV	Compared to Spec (dB)
0 061	62 1			0 0	0 0	0 0				62 1	100 0	-37 9
0 108	24.2			0 0	0 0	0.0				24 2	100 0	-75 8
0 140	24 0			0 0	0.0	0.0				24 0	100 0	-76 0
0.130	21 5			0 0	0 0	0 0				21 5	100.0	-78 5
0 072	21 3			0.0	0 0	0 0				21 3	100 0	-78 7
0 892	21 0			0 0	0 0	0.0				21 0	100.0	-79 0
0 073	20 9			0 0	0 0	0 0				20 9	100 0	-79 1
0 069	20 0			0 0	0 0	0.0				20 0	100 0	-80 0
0.071	19.7			0.0	0.0	0.0				19.7	100 0	-80.3
0 070	19 6			0 0	0 0	0 0				19 6	100.0	-80 4
0 069	19 3			0 0	0 0	0 0				19 3	100 0	-80 7
0 074	19 1			0 0	0.0	0.0				19 1	100 0	-80.9
0 079	19 1			0 0	0 0	0.0				19 1	100 0	-80 9
0 093	18 7			0 0	0 0	0.0				18 7	100 0	-81 3
0 187	18.6			0.0	0 0	0.0				18.6	100 0	-81.4
0.068	18 5			0 0	0 0	0.0				18 5	100 0	-81 5
0 076	18 5			0 0	0 0	0.0				18 5	100 0	-81 5
0 076	18 5			0 0	0.0	0 0				18 5	100 0	-81.5
0 150	18 5			0.0	0 0	0.0				18 5	100 0	-81 5

NORTHWEST EMC

CONDUCTED EMISSIONS - EVALUATION ONLY

ACQ 2005.1.12
EMI 2005.1.05

EUT:	Spinal Pak 2	Work Order:	CNTR0012
Serial Number:	19235	Date:	09/14/05
Customer:	[redacted]	Temperature:	23
Attendees:	[redacted]	Humidity:	38%
Project:		Barometric Pressure	30.11
Tested by:	[redacted]	Job Site:	EV04
Power:	Battery		

TEST SPECIFICATIONS	Test Method

TEST PARAMETERS	
Cable or Line Tested	Positive

COMMENTS

500 Ohm AAMI load.

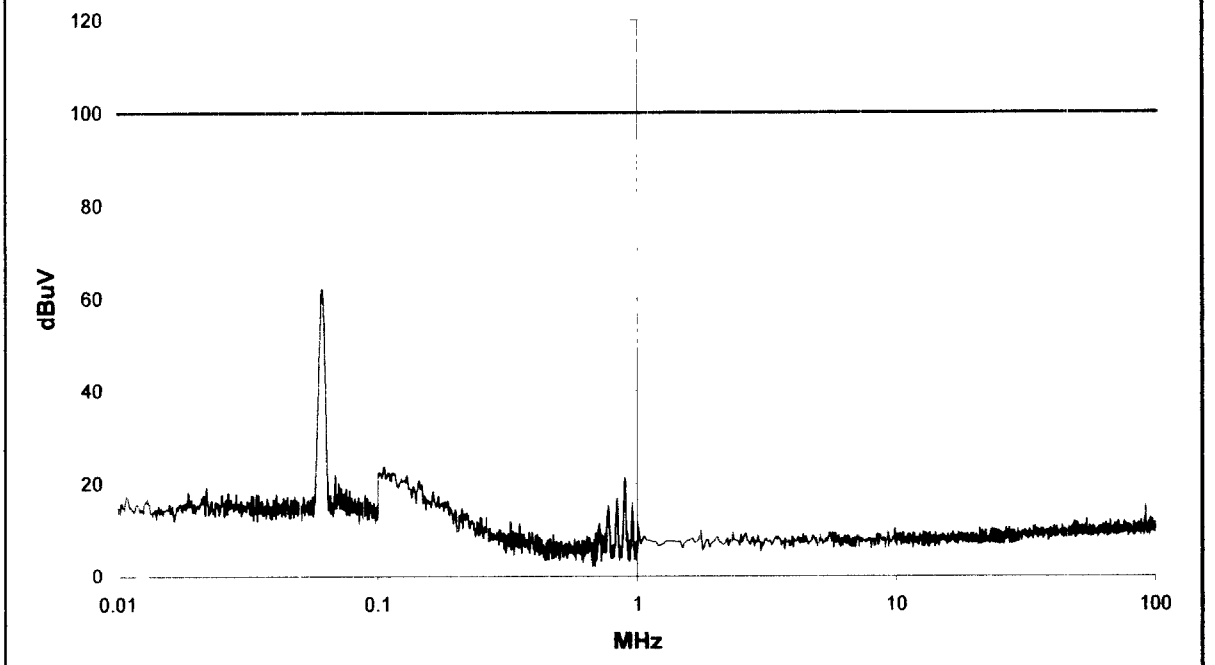
EUT OPERATING MODES

Normal operating mode.

DEVIATIONS FROM TEST STANDARD

No deviations.

Run #	103	
Configuration #	7	
Results	Evaluation	Signature



Freq (MHz)	Amplitude (dBuV)			Transducer (dB)	Cable (dB)	External Attenuation (dB)		Detector (blank equal peaks [PK] from scan)		Adjusted dBuV	Spec Limit dBuV	Compared to Spec (dB)
0.061	62.3			0.0	0 0	0.0				62.3	100 0	-37 7
0 106	23 7			0 0	0 0	0 0				23 7	100.0	-76 3
0.068	21.9			0 0	0 0	0 0				21 9	100 0	-78 1
0.130	21 9			0.0	0 0	0 0				21.9	100.0	-78.1
0 893	21 4			0 0	0 0	0 0				21 4	100.0	-78.6
0 144	20.8			0 0	0 0	0 0				20.8	100 0	-79.2
0 071	20 2			0 0	0.0	0 0				20.2	100 0	-79.8
0 137	19 5			0 0	0 0	0 0				19 5	100 0	-80 5
0.022	19 3			0 0	0.0	0.0				19.3	100 0	-80 7
0.071	19.2			0.0	0 0	0.0				19.2	100.0	-80.8
0 072	19 1			0 0	0 0	0 0				19 1	100 0	-80.9
0 076	19.0			0.0	0 0	0.0				19 0	100 0	-81 0
0 078	18 6			0 0	0 0	0 0				18 6	100 0	-81 4
0 019	18 3			0 0	0 0	0.0				18 3	100 0	-81.7
0.163	18.3			0 0	0.0	0.0				18 3	100 0	-81.7
0 027	18 1			0 0	0.0	0 0				18 1	100 0	-81 9
0 074	18 0			0 0	0.0	0 0				18 0	100 0	-82.0
0 029	17.9			0 0	0 0	0.0				17 9	100.0	-82.1
0 041	17.8			0 0	0.0	0 0				17 8	100 0	-82 2

NORTHWEST EMC

CONDUCTED EMISSIONS - EVALUATION ONLY

ACQ 2005.9.32
EMI 2005.5.0

EUT:	Spinal Pak 2	Work Order:	CNTR0012
Serial Number:	19235	Date:	09/14/05
Customer:	[redacted]	Temperature:	23
Attendees:	[redacted]	Humidity:	38%
Project:		Barometric Pressure	30.11
Tested by:	[redacted]	Job Site:	EV04
Power:	Battery		

TEST SPECIFICATIONS | **Test Method**

TEST PARAMETERS

Cable or Line Tested: Positive

COMMENTS

600 Ohm AAMI load.

EUT OPERATING MODES

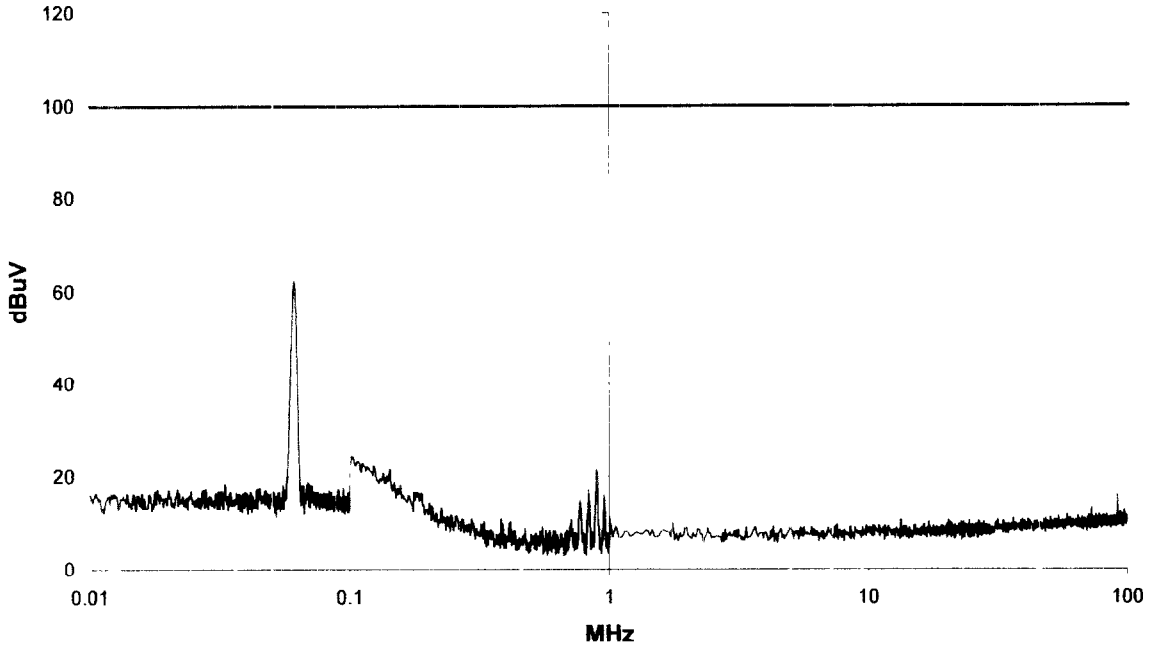
Normal operating mode.

DEVIATIONS FROM TEST STANDARD

No deviations.

Run #	104
Configuration #	7
Results	Evaluation

Signature



Freq (MHz)	Amplitude (dBuV)			Transducer (dB)	Cable (dB)	External Attenuation (dB)		Detector (blank equal peaks (PK) from scan)		Adjusted dBuV	Spec Limit dBuV	Compared to Spec (dB)
0.061	62 4			0.0	0 0	0.0				62.4	100.0	-37.6
0 102	24 4			0 0	0 0	0 0				24 4	100 0	-75 6
0 123	22.3			0 0	0 0	0 0				22 3	100 0	-77 7
0 893	21 8			0 0	0 0	0 0				21 8	100 0	-78.2
0 142	21 7			0 0	0 0	0 0				21 7	100 0	-78.3
0 134	20 9			0 0	0 0	0 0				20 9	100 0	-79.1
0.050	19 1			0.0	0 0	0 0				19 1	100 0	-80.9
0 069	18.9			0 0	0 0	0 0				18 9	100 0	-81 1
0 033	18.5			0 0	0 0	0.0				18 5	100 0	-81 5
0 068	18 4			0 0	0 0	0 0				18.4	100 0	-81.6
0 070	18 3			0.0	0 0	0 0				18 3	100 0	-81.7
0 156	18 3			0.0	0 0	0 0				18.3	100 0	-81 7
0 055	18 2			0 0	0 0	0 0				18 2	100 0	-81 8
0 065	18 2			0 0	0 0	0 0				18 2	100 0	-81 8
0.067	18 2			0 0	0 0	0.0				18 2	100 0	-81.8
0 072	18 1			0 0	0 0	0 0				18 1	100.0	-81.9
0 045	17 7			0 0	0 0	0 0				17 7	100 0	-82 3
0 095	17 7			0.0	0 0	0 0				17.7	100 0	-82 3
0 028	17.5			0 0	0 0	0.0				17 5	100 0	-82.5

NORTHWEST EMC

CONDUCTED EMISSIONS - EVALUATION ONLY

ACQ 2005.9.12
EMI 2005.5.05

EUT:	Spinal Pak 2	Work Order:	CNTR0012
Serial Number:	19235	Date:	09/14/05
Customer:	[redacted]	Temperature:	23
Attendees:	[redacted]	Humidity:	38%
Project:		Barometric Pressure	30.11
Tested by:	[redacted]	Job Site:	EV04
Power:	Battery		

TEST SPECIFICATIONS	Test Method

TEST PARAMETERS

Cable or Line Tested	Positive

COMMENTS

700 Ohm AAMI load.

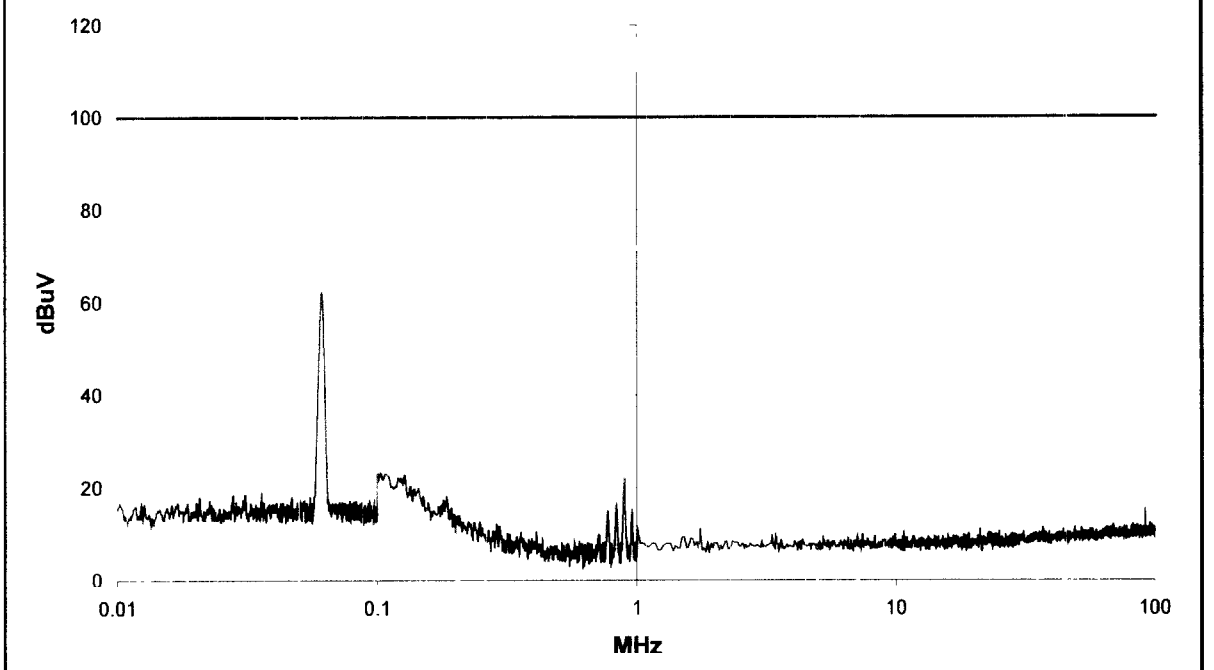
EUT OPERATING MODES

Normal operating mode.

DEVIATIONS FROM TEST STANDARD

No deviations.

Run #	105	
Configuration #	7	
Results	Evaluation	Signature



Freq (MHz)	Amplitude (dBuV)			Transducer (dB)	Cable (dB)	External Attenuation (dB)		Detector (blank equal peak, [PK] from scan)		Adjusted dBuV	Spec Limit dBuV	Compared to Spec (dB)
0 061	62 4			0 0	0.0	0.0				62 4	100 0	-37 6
0 100	23 4			0 0	0 0	0 0				23 4	100 0	-76 6
0 127	23 0			0.0	0 0	0 0				23 0	100 0	-77 0
0 893	22 2			0 0	0 0	0 0				22 2	100 0	-77 8
0 134	20 5			0 0	0 0	0 0				20 5	100 0	-79.5
0 144	20.1			0.0	0 0	0 0				20 1	100 0	-79 9
0 036	19 1			0 0	0 0	0 0				19 1	100 0	-80 9
0 031	18 7			0 0	0 0	0 0				18 7	100 0	-81 3
0 028	18 5			0 0	0 0	0 0				18 5	100.0	-81 5
0 150	18 4			0 0	0 0	0 0				18 4	100 0	-81 6
0 185	18 3			0 0	0 0	0 0				18 3	100.0	-81 7
0 055	18 2			0.0	0 0	0 0				18.2	100.0	-81 8
0 021	18 1			0 0	0 0	0 0				18 1	100 0	-81 9
0 047	18 1			0 0	0 0	0 0				18 1	100 0	-81 9
0.057	18 0			0 0	0 0	0 0				18 0	100 0	-82 0
0 050	17 7			0 0	0 0	0 0				17 7	100 0	-82 3
0 097	17 7			0 0	0 0	0 0				17 7	100 0	-82 3
0 031	17 6			0.0	0 0	0 0				17 6	100.0	-82 4
0 093	17 6			0 0	0 0	0.0				17 6	100.0	-82 4

NORTHWEST EMC

CONDUCTED EMISSIONS - EVALUATION ONLY

ACQ 2005.9.12
EMI 2005.5.05

EUT:	Spinal Pak 2	Work Order:	CNTR0012
Serial Number:	19235	Date:	09/14/05
Customer:	[redacted]	Temperature:	23
Attendees:	[redacted]	Humidity:	38%
Project:		Barometric Pressure	30.11
Tested by:	[redacted] Power: Battery	Job Site:	EV04

TEST SPECIFICATIONS | **Test Method**

TEST PARAMETERS

Cable or Line Tested: Positive

COMMENTS

700 Ohm Resistive load.

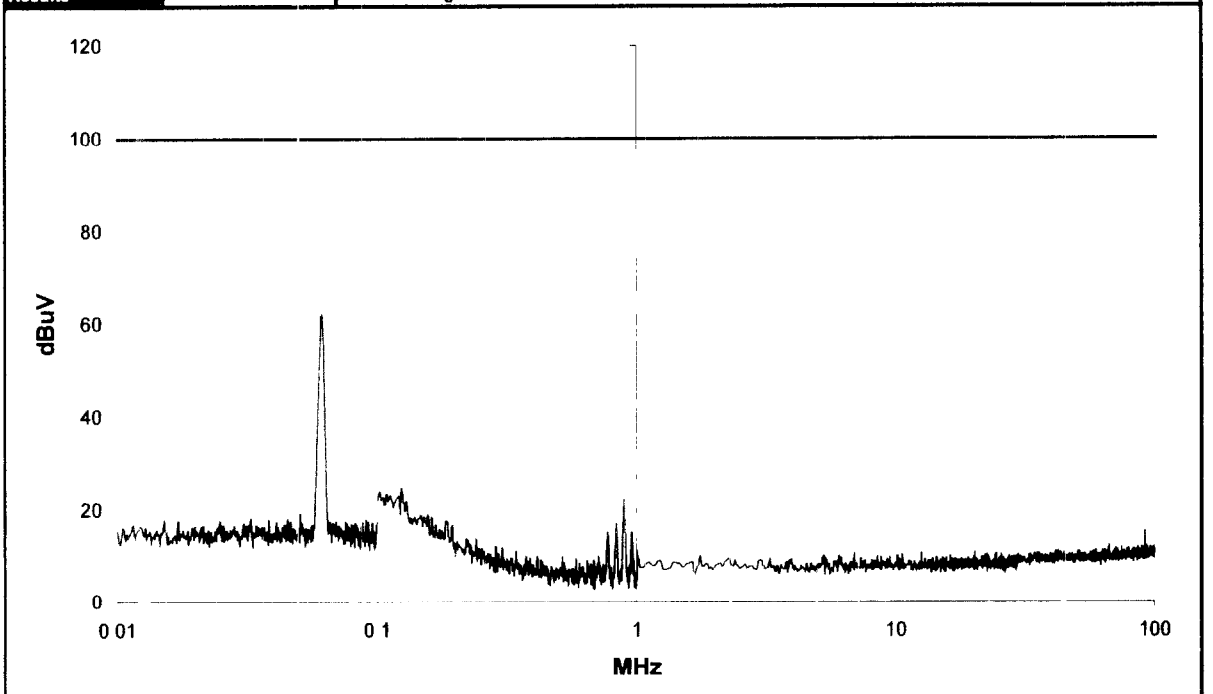
EUT OPERATING MODES

Normal operating mode.

DEVIATIONS FROM TEST STANDARD

No deviations.

Run #	106	
Configuration #	7	
Results	Evaluation	Signature



Freq (MHz)	Amplitude (dBuV)			Transducer (dB)	Cable (dB)	External Attenuation (dB)		Detector (blank equal peaks [PK] from scan)		Adjusted dBuV	Spec Limit dBuV	Compared to Spec (dB)
0 061	62.2			0 0	0 0	0 0				62.2	100.0	-37 8
0 124	24 9			0.0	0 0	0 0				24.9	100 0	-75 1
0 103	24 0			0 0	0.0	0.0				24 0	100.0	-76 0
0 109	23 5			0 0	0 0	0 0				23 5	100 0	-76 5
0 121	23 1			0 0	0 0	0.0				23 1	100.0	-76 9
0 893	22 3			0 0	0 0	0.0				22.3	100.0	-77 7
0 130	22 0			0 0	0.0	0.0				22 0	100 0	-78 0
0 051	19 2			0 0	0 0	0.0				19 2	100.0	-80 8
0.157	19 1			0.0	0 0	0 0				19 1	100.0	-80 9
0 147	19 0			0.0	0 0	0.0				19 0	100.0	-81 0
0 162	18 5			0.0	0 0	0 0				18 5	100.0	-81 5
0.033	18 3			0 0	0.0	0 0				18 3	100 0	-81 7
0.045	18 2			0.0	0 0	0 0				18 2	100 0	-81 8
0.038	18 0			0.0	0 0	0 0				18.0	100 0	-82 0
0.091	18.0			0.0	0 0	0 0				18.0	100.0	-82.0
0 015	17 9			0 0	0.0	0 0				17 9	100 0	-82 1
0 017	17 8			0 0	0 0	0.0				17 8	100.0	-82 2
0 025	17 8			0 0	0.0	0.0				17 8	100.0	-82 2
0 184	17 8			0.0	0 0	0 0				17 8	100 0	-82 2

NORTHWEST EMC

CONDUCTED EMISSIONS - EVALUATION ONLY

ACQ 2005.9.12
EMI 2005.5.05

EUT:	Spinal Pak 2	Work Order:	CNTR0012
Serial Number:	19235	Date:	09/14/05
Customer:	[redacted]	Temperature:	23
Attendees:	[redacted]	Humidity:	38%
Project:		Barometric Pressure	30.11
Tested by:	[redacted] Power: Battery	Job Site:	EV04

TEST SPECIFICATIONS | **Test Method**

TEST PARAMETERS

Cable or Line Tested	Positive

COMMENTS

600 Ohm Resistive load.

EUT OPERATING MODES

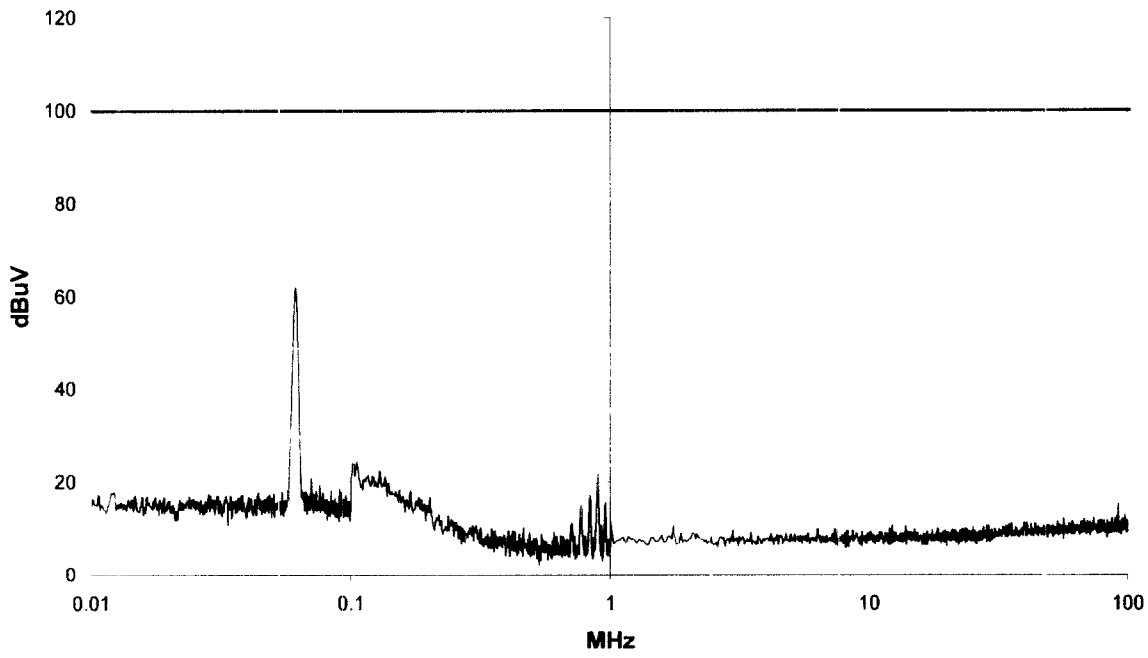
Normal operating mode.

DEVIATIONS FROM TEST STANDARD

No deviations.

Run #	107
Configuration #	7
Results	Evaluation

Signature: [illegible]



Freq (MHz)	Amplitude (dBuV)			Transducer (dB)	Cable (dB)	External Attenuation (dB)		Detector (blank equal peaks [PK] from scan)		Adjusted dBuV	Spec Limit dBuV	Compared to Spec (dB)
0.061	62.0			0.0	0.0	0.0				62.0	100.0	-38.0
0.105	24.4			0.0	0.0	0.0				24.4	100.0	-75.6
0.102	24.1			0.0	0.0	0.0				24.1	100.0	-75.9
0.129	22.5			0.0	0.0	0.0				22.5	100.0	-77.5
0.894	22.0			0.0	0.0	0.0				22.0	100.0	-78.0
0.116	21.5			0.0	0.0	0.0				21.5	100.0	-78.5
0.121	21.3			0.0	0.0	0.0				21.3	100.0	-78.7
0.135	21.2			0.0	0.0	0.0				21.2	100.0	-78.8
0.070	20.9			0.0	0.0	0.0				20.9	100.0	-79.1
0.140	19.9			0.0	0.0	0.0				19.9	100.0	-80.1
0.076	19.4			0.0	0.0	0.0				19.4	100.0	-80.6
0.090	18.6			0.0	0.0	0.0				18.6	100.0	-81.4
0.154	18.6			0.0	0.0	0.0				18.6	100.0	-81.4
0.057	18.4			0.0	0.0	0.0				18.4	100.0	-81.6
0.169	18.3			0.0	0.0	0.0				18.3	100.0	-81.7
0.084	18.2			0.0	0.0	0.0				18.2	100.0	-81.8
0.067	18.1			0.0	0.0	0.0				18.1	100.0	-81.9
0.074	18.1			0.0	0.0	0.0				18.1	100.0	-81.9
0.012	18.0			0.0	0.0	0.0				18.0	100.0	-82.0

NORTHWEST EMC

CONDUCTED EMISSIONS - EVALUATION ONLY

ACO 200519 12
EMI 200515.05

EUT:	Spinal Pak 2	Work Order:	CNTR0012
Serial Number:	19235	Date:	09/14/05
Customer:	[redacted]	Temperature:	23
Attendees:	[redacted]	Humidity:	38%
Project:		Barometric Pressure	30.11
Tested by:	[redacted] Power: Battery	Job Site:	EV04

TEST SPECIFICATIONS | **Test Method**

TEST PARAMETERS

Cable or Line Tested	Positive

COMMENTS

500 Ohm Resistive load.

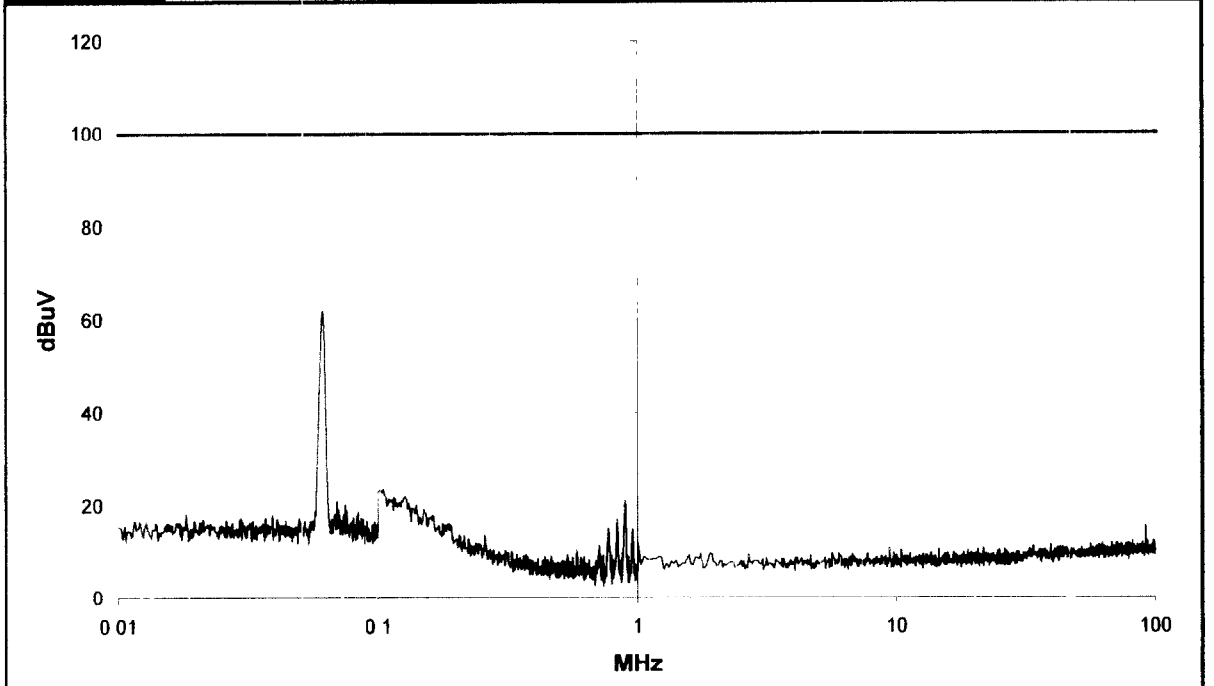
EUT OPERATING MODES

Normal operating mode.

DEVIATIONS FROM TEST STANDARD

No deviations.

Run #	108	
Configuration #	7	
Results	Evaluation	Signature



Freq (MHz)	Amplitude (dBuV)			Transducer (dB)	Cable (dB)	External Attenuation (dB)		Detector (blank equal peaks [PK] from scan)		Adjusted dBuV	Spec Limit dBuV	Compared to Spec (dB)
0 061	62 1			0 0	0.0	0.0				62 1	100.0	-37 9
0 105	23 8			0 0	0 0	0.0				23 8	100 0	-76.2
0.127	22.1			0 0	0 0	0.0				22 1	100 0	-77 9
0 115	22 0			0 0	0 0	0.0				22 0	100 0	-78 0
0.890	21 2			0 0	0 0	0 0				21 2	100 0	-78 8
0 069	21.1			0 0	0 0	0.0				21 1	100 0	-78.9
0 075	20.3			0 0	0 0	0.0				20 3	100 0	-79 7
0 141	20.3			0 0	0 0	0.0				20 3	100 0	-79 7
0 150	19 4			0.0	0 0	0.0				19.4	100 0	-80 6
0 070	19 2			0 0	0.0	0 0				19.2	100 0	-80 8
0 076	19.2			0 0	0 0	0 0				19 2	100 0	-80 8
0 084	18.8			0 0	0 0	0 0				18 8	100 0	-81 2
0 018	18 3			0 0	0 0	0 0				18 3	100 0	-81 7
0 068	18.3			0 0	0 0	0 0				18 3	100 0	-81 7
0 074	18.3			0 0	0 0	0 0				18.3	100.0	-81 7
0 163	18 2			0.0	0 0	0 0				18 2	100 0	-81 8
0 039	18.1			0.0	0 0	0 0				18 1	100 0	-81 9
0 083	18 0			0.0	0 0	0 0				18.0	100 0	-82 0
0 080	17 6			0 0	0 0	0.0				17 6	100 0	-82 4

NORTHWEST
EMC

CONDUCTED EMISSIONS - EVALUATION ONLY

ACO 2005.1.12
EMI 2005.1.05

EUT:	Spinal Pak 2	Work Order:	CNTR0012
Serial Number:	19235	Date:	09/14/05
Customer:	[redacted]	Temperature:	23
Attendees:	[redacted]	Humidity:	38%
Project:		Barometric Pressure	30.11
Tested by:	[redacted] Power: Battery	Job Site:	EV04

TEST SPECIFICATIONS | **Test Method**

TEST PARAMETERS

Cable or Line Tested	Positive

COMMENTS

400 Ohm Resistive load.

EUT OPERATING MODES

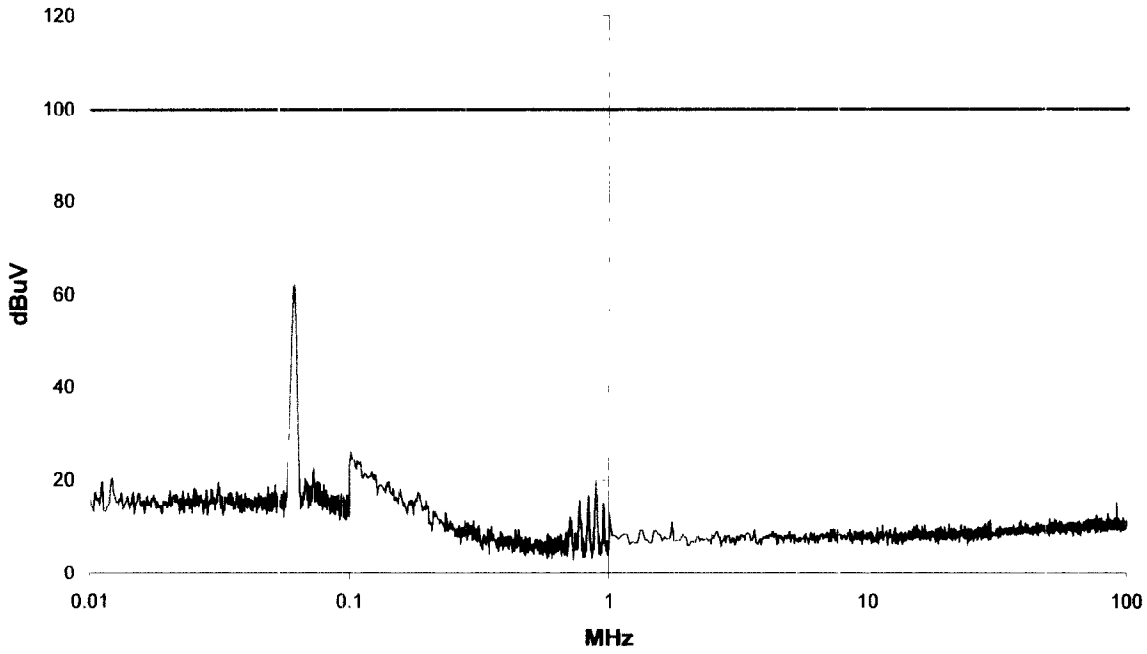
Normal operating mode.

DEVIATIONS FROM TEST STANDARD

No deviations.

Run #	109
Configuration #	7
Results	Evaluation

Signature



Freq (MHz)	Amplitude (dBuV)			Transducer (dB)	Cable (dB)	External Attenuation (dB)		Detector (blank equal peaks [PK] from scan)		Adjusted dBuV	Spec Limit dBuV	Compared to Spec (dB)
0.061	62.1			0.0	0.0	0.0				62.1	100.0	-37.9
0.102	26.2			0.0	0.0	0.0				26.2	100.0	-73.8
0.073	22.6			0.0	0.0	0.0				22.6	100.0	-77.4
0.892	21.0			0.0	0.0	0.0				21.0	100.0	-79.0
0.012	20.6			0.0	0.0	0.0				20.6	100.0	-79.4
0.067	20.3			0.0	0.0	0.0				20.3	100.0	-79.7
0.011	19.7			0.0	0.0	0.0				19.7	100.0	-80.3
0.075	19.7			0.0	0.0	0.0				19.7	100.0	-80.3
0.141	19.7			0.0	0.0	0.0				19.7	100.0	-80.3
0.031	19.6			0.0	0.0	0.0				19.6	100.0	-80.4
0.077	19.5			0.0	0.0	0.0				19.5	100.0	-80.5
0.069	19.3			0.0	0.0	0.0				19.3	100.0	-80.7
0.075	19.3			0.0	0.0	0.0				19.3	100.0	-80.7
0.080	19.2			0.0	0.0	0.0				19.2	100.0	-80.8
0.052	19.1			0.0	0.0	0.0				19.1	100.0	-80.9
0.074	18.9			0.0	0.0	0.0				18.9	100.0	-81.1
0.049	18.7			0.0	0.0	0.0				18.7	100.0	-81.3
0.070	18.7			0.0	0.0	0.0				18.7	100.0	-81.3
0.025	18.3			0.0	0.0	0.0				18.3	100.0	-81.7

NORTHWEST EMC

CONDUCTED EMISSIONS - EVALUATION ONLY

ACQ 20050 9.12
EMI 20050 5.05

EUT:	Spinal Pak 2	Work Order:	CNTR0012
Serial Number:	19235	Date:	09/14/05
Customer:	[redacted]	Temperature:	23
Attendees:	[redacted]	Humidity:	38%
Project:		Barometric Pressure	30.11
Tested by:	[redacted] Power: Battery	Job Site:	EV04

TEST SPECIFICATIONS | **Test Method**

TEST PARAMETERS

Cable or Line Tested	Positive

COMMENTS

300 Ohm Resistive load.

EUT OPERATING MODES

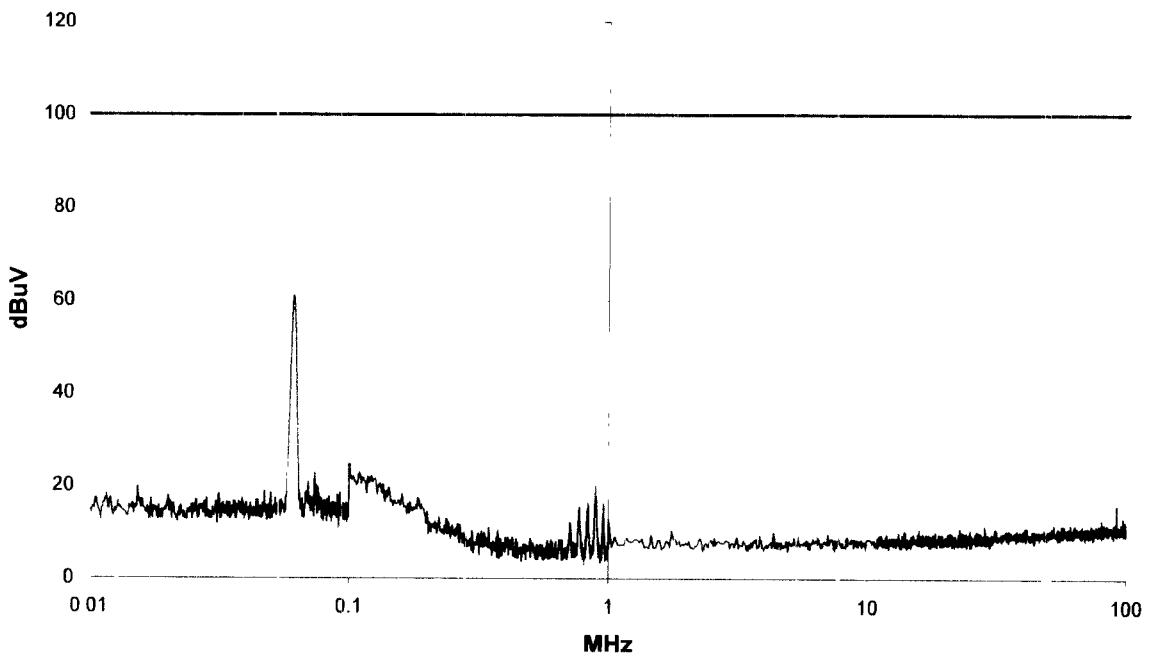
Normal operating mode.

DEVIATIONS FROM TEST STANDARD

No deviations.

Run #	110
Configuration #	7
Results	Evaluation

Signature



Freq (MHz)	Amplitude (dBuV)			Transducer (dB)	Cable (dB)	External Attenuation (dB)		Detector (blank equal peaks, [PK] from scan)		Adjusted dBuV	Spec Limit dBuV	Compared to Spec (dB)
0 061	61 0			0 0	0 0	0 0				61 0	100 0	-39 0
0 100	24 8			0 0	0 0	0 0				24 8	100 0	-75 2
0.110	23.0			0 0	0 0	0 0				23 0	100.0	-77 0
0 074	22 9			0 0	0 0	0.0				22.9	100 0	-77 1
0 122	22 1			0 0	0 0	0 0				22 1	100 0	-77 9
0 894	21 2			0 0	0 0	0 0				21.2	100.0	-78 8
0 070	20 8			0 0	0.0	0 0				20 8	100 0	-79 2
0 132	20 6			0 0	0 0	0.0				20 6	100 0	-79 4
0.075	20 2			0 0	0 0	0.0				20 2	100 0	-79 8
0 015	19 9			0 0	0 0	0 0				19 9	100 0	-80 1
0 076	19 9			0 0	0 0	0 0				19 9	100 0	-80 1
0 142	19.6			0 0	0 0	0.0				19 6	100.0	-80 4
0 047	18 9			0 0	0 0	0 0				18 9	100 0	-81 1
0 075	18 6			0 0	0 0	0 0				18 6	100 0	-81 4
0.092	18.6			0.0	0 0	0 0				18 6	100 0	-81 4
0 050	18 5			0 0	0.0	0 0				18 5	100.0	-81 5
0 076	18 5			0 0	0 0	0 0				18 5	100.0	-81 5
0 012	18 4			0 0	0 0	0 0				18 4	100 0	-81 6
0 032	18 3			0 0	0.0	0 0				18 3	100 0	-81 7

NORTHWEST EMC

CONDUCTED EMISSIONS - EVALUATION ONLY

ADO 2005.1.12
EMI 2005.1.05

EUT:	Spinal Pak 2	Work Order:	CNTR0012
Serial Number:	19235	Date:	09/14/05
Customer:	[redacted]	Temperature:	23
Attendees:	[redacted]	Humidity:	38%
Project:		Barometric Pressure	30.11
Tested by:	[redacted] Power: Battery	Job Site:	EV04

TEST SPECIFICATIONS	Test Method

TEST PARAMETERS

Cable or Line Tested	Positive

COMMENTS

200 Ohm Resistive load.

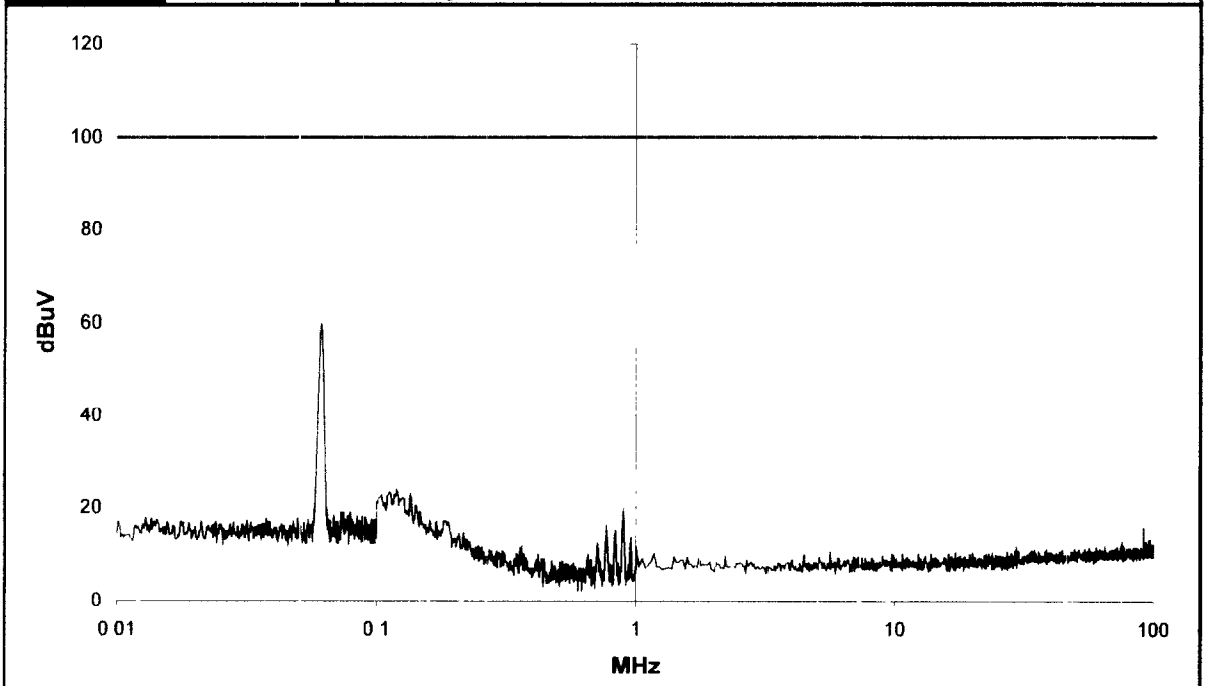
EUT OPERATING MODES

Normal operating mode.

DEVIATIONS FROM TEST STANDARD

No deviations.

Run #	111	
Configuration #	7	
Results	Evaluation	Signature



Freq (MHz)	Amplitude (dBuV)			Transducer (dB)	Cable (dB)	External Attenuation (dB)		Detector (blank equal peaks (PK) from scan)		Adjusted dBuV	Spec Limit dBuV	Compared to Spec (dB)
0 061	59 8			0.0	0 0	0.0				59.8	100 0	-40 2
0 120	24 0			0 0	0 0	0 0				24 0	100 0	-76 0
0 113	23 4			0.0	0 0	0 0				23.4	100 0	-76 6
0 135	23 1			0 0	0.0	0.0				23 1	100 0	-76 9
0 105	22 8			0 0	0 0	0.0				22 8	100 0	-77 2
0 142	20 5			0 0	0.0	0.0				20 5	100 0	-79 5
0 057	20 0			0 0	0 0	0 0				20 0	100 0	-80 0
0 892	19 9			0 0	0 0	0 0				19 9	100 0	-80 1
0 147	19 2			0 0	0 0	0.0				19 2	100.0	-80 8
0 073	19.1			0 0	0 0	0 0				19 1	100 0	-80 9
0 079	19 1			0 0	0 0	0 0				19 1	100 0	-80.9
0 075	19.0			0 0	0.0	0 0				19 0	100 0	-81.0
0 065	18.8			0 0	0 0	0 0				18 8	100 0	-81 2
0.068	18 3			0 0	0 0	0.0				18 3	100 0	-81 7
0.077	18 2			0 0	0 0	0.0				18 2	100 0	-81 8
0 078	18 2			0.0	0 0	0 0				18.2	100.0	-81.8
0 084	18.2			0.0	0 0	0 0				18 2	100 0	-81.8
0 088	18 1			0 0	0 0	0 0				18 1	100 0	-81 9
0 090	18 0			0.0	0 0	0.0				18 0	100 0	-82 0

NORTHWEST EMC

CONDUCTED EMISSIONS - EVALUATION ONLY

ACQ 2005.9.12
EMI 2005.5.05

EUT:	Spinal Pak 2	Work Order:	CNTR0012
Serial Number:	19235	Date:	09/14/05
Customer:	[redacted]	Temperature:	23
Attendees:	[redacted]	Humidity:	38%
Project:		Barometric Pressure	30.11
Tested by:	[redacted]	Job Site:	EV04
Power:	Battery		

TEST SPECIFICATIONS | **Test Method**

TEST PARAMETERS

Cable or Line Tested	Positive

COMMENTS

100 Ohm Resistive load.

EUT OPERATING MODES

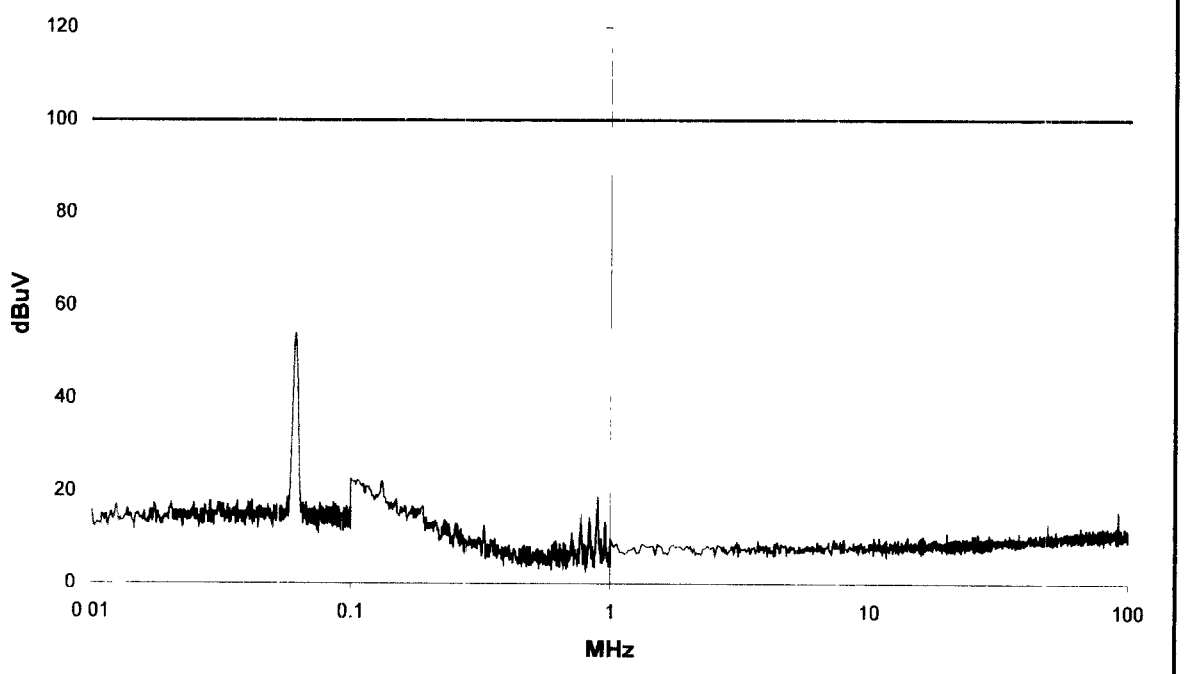
Normal operating mode.

DEVIATIONS FROM TEST STANDARD

No deviations.

Run #	112
Configuration #	7
Results	Evaluation

Signature



Freq (MHz)	Amplitude (dBuV)			Transducer (dB)	Cable (dB)	External Attenuation (dB)		Detector (blank equal peaks, [PK] from scan)		Adjusted dBuV	Spec Limit dBuV	Compared to Spec (dB)
0 061	53 9			0 0	0 0	0 0				53 9	100 0	-46 1
0.101	22 7			0 0	0 0	0 0				22 7	100 0	-77.3
0.132	22.3			0.0	0 0	0 0				22.3	100.0	-77 7
0 895	19 9			0 0	0 0	0.0				19 9	100.0	-80 1
0 057	18 9			0 0	0 0	0 0				18 9	100 0	-81 1
0 150	18.3			0 0	0.0	0.0				18 3	100 0	-81.7
0 042	18 2			0 0	0 0	0 0				18 2	100 0	-81 8
0 029	18 0			0 0	0 0	0.0				18 0	100 0	-82 0
0 037	18 0			0 0	0 0	0.0				18 0	100 0	-82 0
0 020	17.7			0 0	0 0	0.0				17 7	100 0	-82 3
0 040	17 7			0 0	0 0	0 0				17 7	100 0	-82 3
0 086	17 7			0 0	0 0	0 0				17 7	100.0	-82.3
0 025	17 6			0 0	0 0	0 0				17.6	100.0	-82 4
0 031	17 6			0 0	0 0	0 0				17 6	100 0	-82 4
0 067	17.6			0 0	0 0	0 0				17 6	100.0	-82 4
0 041	17 5			0 0	0 0	0 0				17 5	100 0	-82 5
0 066	17 5			0 0	0 0	0 0				17 5	100 0	-82 5
0 076	17 5			0 0	0.0	0 0				17 5	100 0	-82.5
0 013	17 4			0 0	0 0	0 0				17 4	100 0	-82 6

NORTHWEST EMC

CONDUCTED EMISSIONS - EVALUATION ONLY

ACQ 2005 9 12
EMI 2005 5 5

EUT:	Spinal Pak 2	Work Order:	CNTR0012
Serial Number:	19235	Date:	09/14/05
Customer:	[redacted]	Temperature:	23
Attendees:	[redacted]	Humidity:	38%
Project:		Barometric Pressure	30.11
Tested by:	[redacted] Power: Battery	Job Site:	EV04

TEST SPECIFICATIONS | **Test Method**

TEST PARAMETERS

Cable or Line Tested	Positive

COMMENTS

500 Ohm AAMI load.

EUT OPERATING MODES

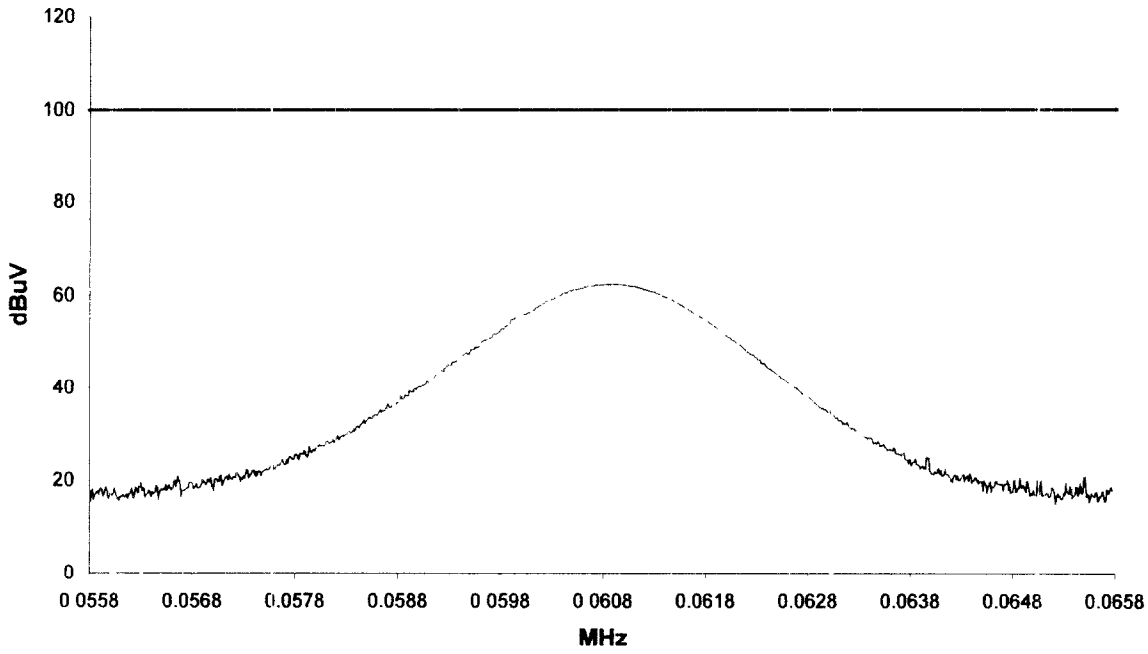
Normal operating mode.

DEVIATIONS FROM TEST STANDARD

No deviations.

Run #	113
Configuration #	7
Results	Evaluation

Signature



Freq (MHz)	Amplitude (dBuV)			Transducer (dB)	Cable (dB)	External Attenuation (dB)		Detector (blank equal peaks [PK] from scan)		Adjusted dBuV	Spec Limit dBuV	Compared to Spec (dB)
0 061	62 3			0 0	0 0	0 0				62.3	100 0	-37 7
0 064	25 0			0 0	0 0	0 0				25 0	100 0	-75 0
0 057	21 0			0 0	0 0	0.0				21 0	100 0	-79.0
0 057	21 0			0.0	0.0	0 0				21 0	100 0	-79.0
0 066	20 8			0 0	0 0	0 0				20 8	100 0	-79 2
0 057	20 5			0 0	0.0	0.0				20 5	100.0	-79 5
0.065	20.5			0 0	0 0	0.0				20 5	100 0	-79 5
0 065	20 2			0 0	0 0	0 0				20 2	100 0	-79 8
0.065	20 1			0.0	0.0	0.0				20 1	100.0	-79 9
0 065	20 0			0 0	0 0	0.0				20.0	100 0	-80 0
0 065	20 0			0.0	0 0	0.0				20 0	100 0	-80 0
0 065	20 0			0 0	0 0	0 0				20 0	100 0	-80 0
0 065	19 9			0 0	0 0	0.0				19 9	100 0	-80 1
0 065	19.9			0 0	0.0	0 0				19 9	100 0	-80 1
0 065	19 8			0 0	0.0	0.0				19 8	100 0	-80.2
0 056	19 5			0 0	0 0	0 0				19 5	100 0	-80 5
0 065	19 5			0 0	0 0	0 0				19 5	100 0	-80 5
0 065	19 4			0.0	0 0	0 0				19.4	100 0	-80.6
0 056	19 0			0 0	0 0	0 0				19 0	100.0	-81 0

NORTHWEST EMC

CONDUCTED EMISSIONS - EVALUATION ONLY

ACO 2006.9.12
EMI 2005.5.05

EUT:	Spinal Pak 2	Work Order:	CNTR0012
Serial Number:	19235	Date:	09/14/05
Customer:	[redacted] Inc.	Temperature:	23
Attendees:	[redacted]	Humidity:	38%
Project:		Barometric Pressure	30.11
Tested by:	[redacted] Power: Battery	Job Site:	EV04

TEST SPECIFICATIONS	Test Method

TEST PARAMETERS

Cable or Line Tested	Positive

COMMENTS

500 Ohm AAMI load.

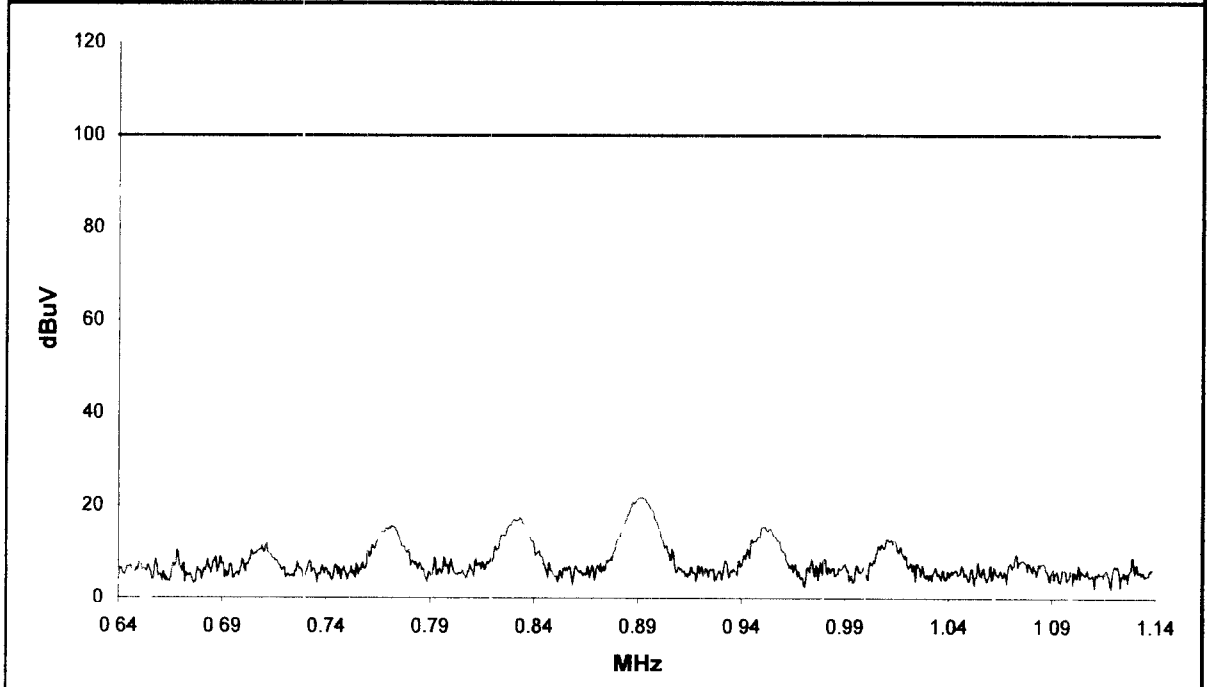
EUT OPERATING MODES

Normal operating mode.

DEVIATIONS FROM TEST STANDARD

No deviations.

Run #	114	
Configuration #	7	
Results	Evaluation	Signature



Freq (MHz)	Amplitude (dBuV)			Transducer (dB)	Cable (dB)	External Attenuation (dB)		Detector (blank equal peaks [PK] from scan)		Adjusted dBuV	Spec Limit dBuV	Compared to Spec (dB)
0 891	21 7			0 0	0 0	0 0				21 7	100 0	-78 3
0 833	17 5			0 0	0 0	0 0				17 5	100.0	-82 5
0 772	15 8			0 0	0 0	0 0				15 8	100.0	-84 2
0.950	15 5			0 0	0.0	0.0				15 5	100 0	-84.5
1 011	12 8			0 0	0 0	0 0				12 8	100 0	-87.2
0 712	11 7			0 0	0.0	0.0				11 7	100.0	-88 3
0 943	10 7			0 0	0 0	0 0				10 7	100 0	-89 3
0 907	10 5			0 0	0 0	0 0				10 5	100 0	-89.5
0 669	10 3			0.0	0 0	0.0				10 3	100 0	-89 7
1 073	9 5			0 0	0 0	0 0				9 5	100 0	-90 5
0 687	8 9			0 0	0 0	0 0				8 9	100 0	-91 1
0 689	8 9			0 0	0 0	0 0				8 9	100 0	-91 1
1 129	8 8			0 0	0 0	0 0				8 8	100 0	-91 2
0 792	8 7			0 0	0 0	0 0				8 7	100 0	-91.3
0 797	8.7			0 0	0 0	0.0				8 7	100 0	-91.3
0 974	8.6			0.0	0 0	0 0				8.6	100.0	-91 4
0 980	8.6			0.0	0 0	0 0				8 6	100 0	-91.4
0 812	8.5			0 0	0 0	0 0				8 5	100 0	-91 5
0.658	8 4			0 0	0.0	0 0				8 4	100 0	-91 6

Section 2 SpecAnal SD2 5602 Data.pdf

1 of 16 pgs.

NORTHWEST EMC

CONDUCTED EMISSIONS - EVALUATION ONLY

NQ 20050 EMI 20050

EUT:	Spinal Pak 2	Work Order:	CNTR0012
Serial Number:	5602	Date:	09/14/05
Customer:	[redacted]	Temperature:	23
Attendees:	[redacted]	Humidity:	38%
Project:		Barometric Pressure	30.11
Tested by:	[redacted]	Job Site:	EV04
Power:	Battery		

TEST SPECIFICATIONS | **Test Method**

TEST PARAMETERS

Cable or Line Tested: Positive

COMMENTS

100 Ohm AAMI load.

EUT OPERATING MODES

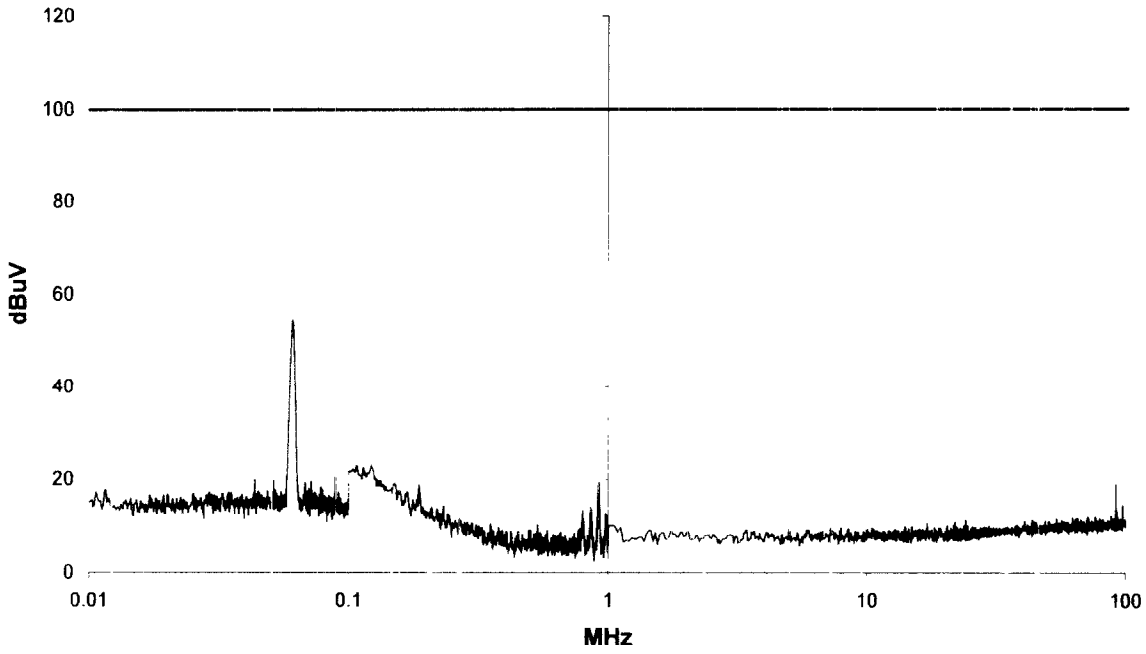
Normal operating mode.

DEVIATIONS FROM TEST STANDARD

No deviations.

Run #	67
Configuration #	5
Results	Evaluation

Signature



Freq (MHz)	Amplitude (dBuV)			Transducer (dB)	Cable (dB)	External Attenuation (dB)		Detector (blank equal peaks [PK] from scan)		Adjusted dBuV	Spec Limit dBuV	Compared to Spec (dB)
0.061	54.5			0.0	0.0	0.0				54.5	100.0	-45.5
0.107	23.1			0.0	0.0	0.0				23.1	100.0	-76.9
0.122	23.1			0.0	0.0	0.0				23.1	100.0	-76.9
0.114	22.5			0.0	0.0	0.0				22.5	100.0	-77.5
0.089	20.5			0.0	0.0	0.0				20.5	100.0	-79.5
0.043	19.9			0.0	0.0	0.0				19.9	100.0	-80.1
0.051	19.8			0.0	0.0	0.0				19.8	100.0	-80.2
0.919	19.7			0.0	0.0	0.0				19.7	100.0	-80.3
0.072	19.6			0.0	0.0	0.0				19.6	100.0	-80.4
0.068	19.3			0.0	0.0	0.0				19.3	100.0	-80.7
0.150	19.2			0.0	0.0	0.0				19.2	100.0	-80.8
91.600	16.5			0.0	2.5	0.0				19.0	100.0	-81.0
0.186	18.9			0.0	0.0	0.0				18.9	100.0	-81.1
0.078	18.4			0.0	0.0	0.0				18.4	100.0	-81.6
0.070	18.0			0.0	0.0	0.0				18.0	100.0	-82.0
0.012	17.9			0.0	0.0	0.0				17.9	100.0	-82.1
0.079	17.9			0.0	0.0	0.0				17.9	100.0	-82.1
0.052	17.8			0.0	0.0	0.0				17.8	100.0	-82.2
0.049	17.6			0.0	0.0	0.0				17.6	100.0	-82.4

NORTHWEST EMC

CONDUCTED EMISSIONS - EVALUATION ONLY

ACQ 2005.9.1
EMI 2005 5.0

EUT:	Spinal Pak 2	Work Order:	CNTR0012
Serial Number:	5602	Date:	09/14/05
Customer:	[redacted]	Temperature:	23
Attendees:	[redacted]	Humidity:	38%
Project:		Barometric Pressure	30.11
Tested by:	[redacted]	Job Site:	EV04
Power:	Battery		

TEST SPECIFICATIONS — Test Method

TEST PARAMETERS

Cable or Line Tested: Positive

COMMENTS

200 Ohm AAMI load.

EUT OPERATING MODES

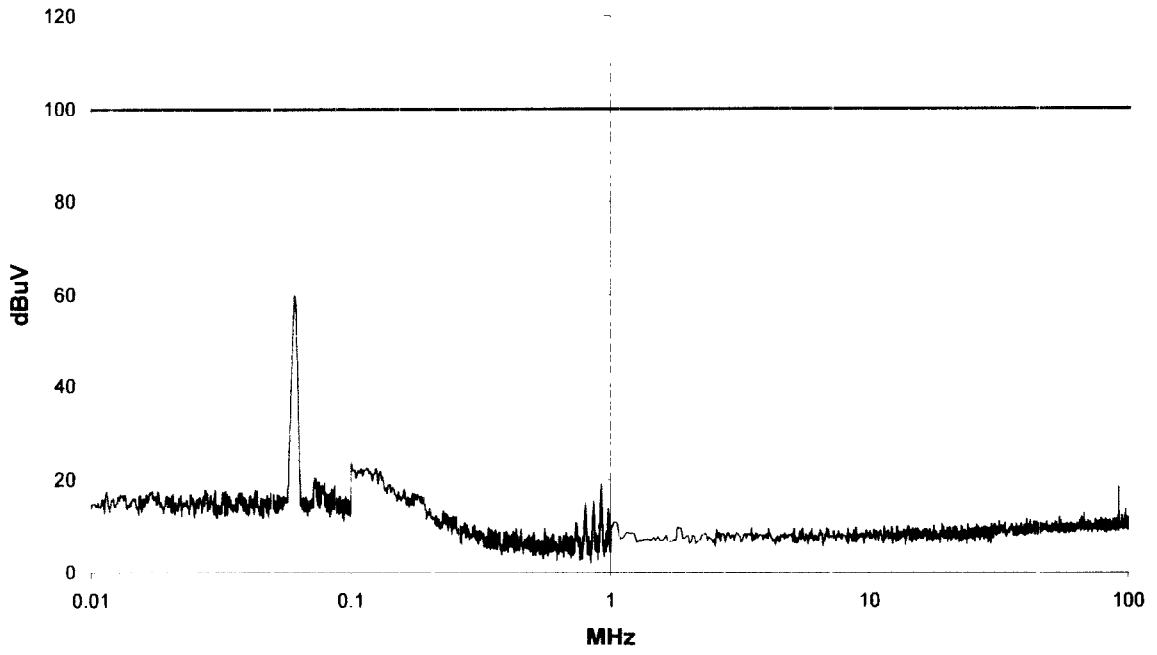
Normal operating mode.

DEVIATIONS FROM TEST STANDARD

No deviations.

Run #	68
Configuration #	5
Results	Evaluation

Signature



Freq (MHz)	Amplitude (dBuV)			Transducer (dB)	Cable (dB)	External Attenuation (dB)		Detector (blank equal peaks [PK] from scan)		Adjusted dBuV	Spec Limit dBuV	Compared to Spec (dB)
0.061	60 0			0 0	0.0	0.0				60 0	100 0	-40 0
0 100	24 1			0.0	0 0	0 0				24 1	100 0	-75.9
0 115	22 7			0.0	0 0	0 0				22.7	100.0	-77 3
0 125	22.5			0 0	0.0	0 0				22 5	100 0	-77.5
0 130	21 9			0 0	0.0	0 0				21 9	100 0	-78.1
0 072	20.5			0.0	0.0	0 0				20 5	100 0	-79.5
0 075	19.6			0 0	0.0	0.0				19 6	100 0	-80.4
0 074	19 4			0 0	0 0	0.0				19 4	100 0	-80.6
0 079	19 4			0.0	0 0	0.0				19 4	100.0	-80 6
0 920	19 4			0 0	0 0	0.0				19.4	100 0	-80 6
0 075	19 3			0 0	0 0	0.0				19 3	100 0	-80 7
0.078	18.9			0 0	0.0	0 0				18 9	100 0	-81.1
0 087	18.9			0 0	0 0	0.0				18 9	100 0	-81.1
91 600	16.1			0 0	2.5	0.0				18 6	100 0	-81.4
0 160	18 2			0 0	0 0	0 0				18 2	100 0	-81 8
0 084	18.1			0 0	0 0	0.0				18 1	100.0	-81 9
0 027	18 0			0 0	0 0	0.0				18 0	100 0	-82.0
0.030	18 0			0 0	0 0	0.0				18 0	100 0	-82.0
0 043	18 0			0 0	0 0	0 0				18 0	100 0	-82 0

NORTHWEST EMC

CONDUCTED EMISSIONS - EVALUATION ONLY

ACQ 2005.9.12
EMI 2005.5.0

EUT:	Spinal Pak 2	Work Order:	CNTR0012
Serial Number:	5602	Date:	09/14/05
Customer:	[redacted]	Temperature:	23
Attendees:	[redacted]	Humidity:	38%
Project:		Barometric Pressure	30.11
Tested by:	[redacted]	Job Site:	EV04
Power:	Battery		

TEST SPECIFICATIONS	Test Method

TEST PARAMETERS	
Cable or Line Tested	Positive

COMMENTS

300 Ohm AAMI load.

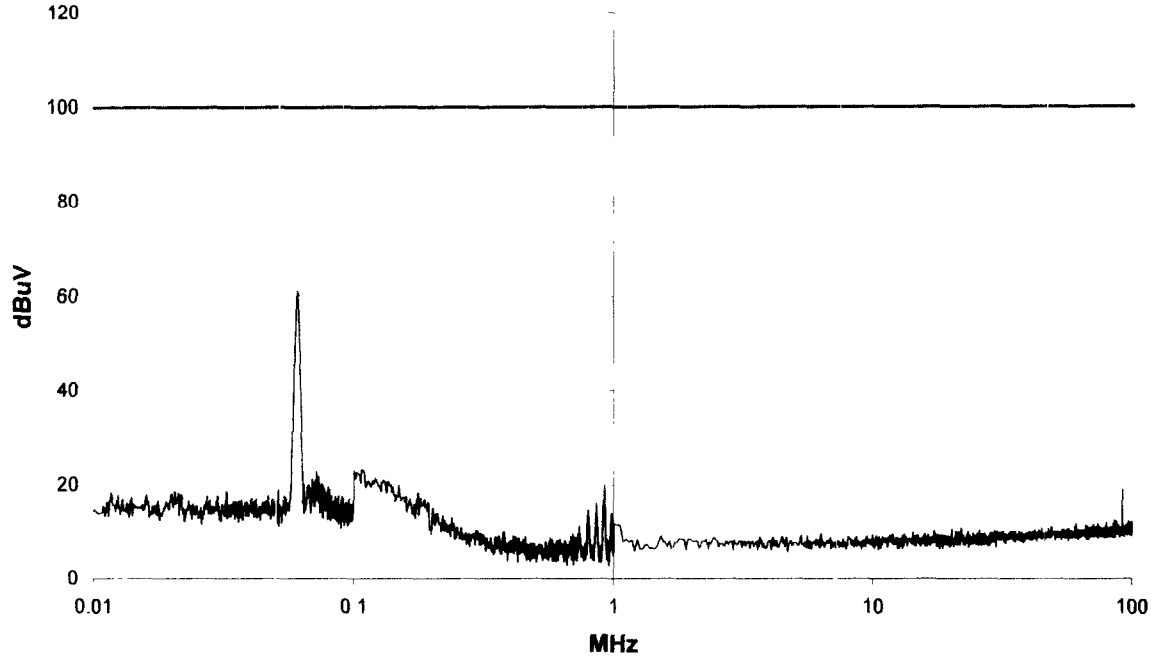
EUT OPERATING MODES

Normal operating mode.

DEVIATIONS FROM TEST STANDARD

No deviations.

Run #	69	
Configuration #	5	
Results	Evaluation	Signature



Freq (MHz)	Amplitude (dBuV)			Transducer (dB)	Cable (dB)	External Attenuation (dB)		Detector (blank equal peaks (PK) from scan)		Adjusted dBuV	Spec Limit dBuV	Compared to Spec (dB)
0.061	61.2			0.0	0.0	0.0				61.2	100.0	-38.8
0.107	23.3			0.0	0.0	0.0				23.3	100.0	-76.7
0.100	23.0			0.0	0.0	0.0				23.0	100.0	-77.0
0.072	22.9			0.0	0.0	0.0				22.9	100.0	-77.1
0.073	21.7			0.0	0.0	0.0				21.7	100.0	-78.3
0.069	21.2			0.0	0.0	0.0				21.2	100.0	-78.8
0.130	21.1			0.0	0.0	0.0				21.1	100.0	-78.9
0.071	21.0			0.0	0.0	0.0				21.0	100.0	-79.0
0.135	20.7			0.0	0.0	0.0				20.7	100.0	-79.3
0.070	20.4			0.0	0.0	0.0				20.4	100.0	-79.6
0.070	20.3			0.0	0.0	0.0				20.3	100.0	-79.7
0.075	20.2			0.0	0.0	0.0				20.2	100.0	-79.8
0.064	20.1			0.0	0.0	0.0				20.1	100.0	-79.9
0.067	20.0			0.0	0.0	0.0				20.0	100.0	-80.0
0.918	20.0			0.0	0.0	0.0				20.0	100.0	-80.0
0.070	19.9			0.0	0.0	0.0				19.9	100.0	-80.1
0.076	19.9			0.0	0.0	0.0				19.9	100.0	-80.1
0.149	19.9			0.0	0.0	0.0				19.9	100.0	-80.1
0.079	19.5			0.0	0.0	0.0				19.5	100.0	-80.5

NORTHWEST EMC

CONDUCTED EMISSIONS - EVALUATION ONLY

ACQ 2005.9.12
EMI 2005.5.05

EUT:	Spinal Pak 2	Work Order:	CNTR0012
Serial Number:	5602	Date:	09/14/05
Customer:	[redacted]	Temperature:	23
Attendees:	[redacted]	Humidity:	38%
Project:		Barometric Pressure	30.11
Tested by:	[redacted]	Job Site:	EV04
Power:	Battery		

TEST SPECIFICATIONS	Test Method

TEST PARAMETERS

Cable or Line Tested	Positive

COMMENTS

400 Ohm AAMI load

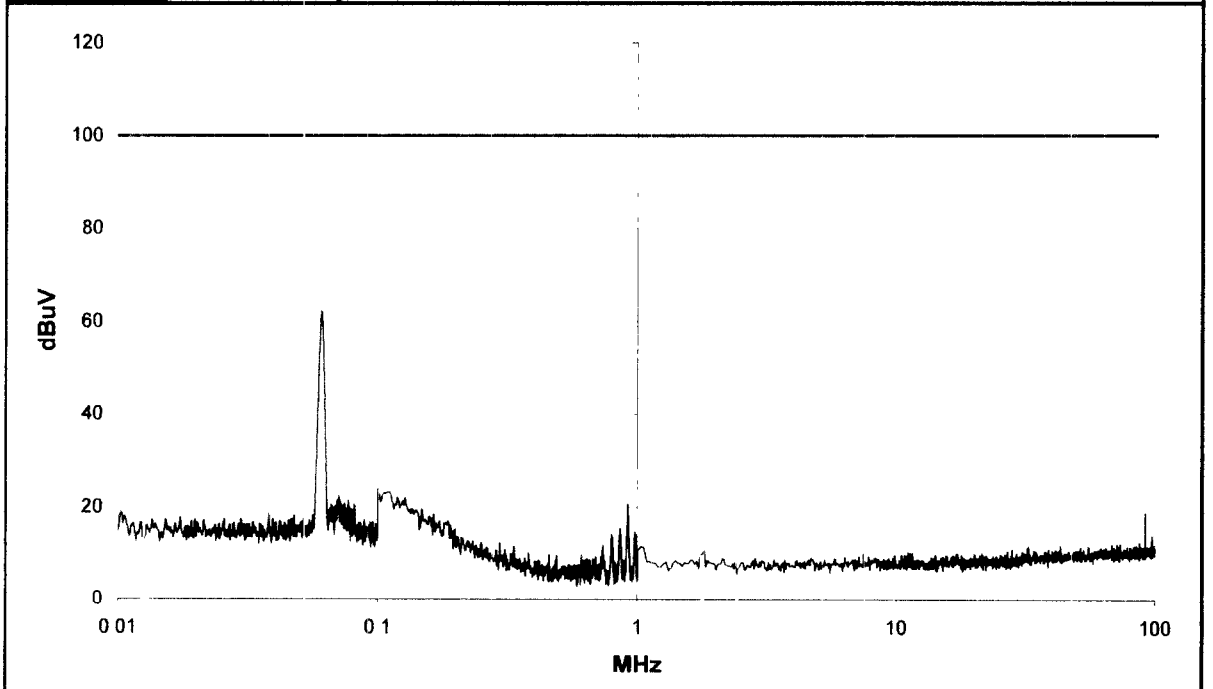
EUT OPERATING MODES

Normal operating mode.

DEVIATIONS FROM TEST STANDARD

No deviations.

Run #	70	
Configuration #	5	
Results	Evaluation	Signature



Freq (MHz)	Amplitude (dBuV)			Transducer (dB)	Cable (dB)	External Attenuation (dB)		Detector (blank equal peaks [PK] from scan)		Adjusted dBuV	Spec Limit dBuV	Compared to Spec (dB)
0 061	62 3			0 0	0 0	0 0				62 3	100 0	-37 7
0 100	24 0			0 0	0 0	0.0				24 0	100 0	-76 0
0.110	23 3			0.0	0.0	0 0				23 3	100 0	-76 7
0 071	22 4			0.0	0 0	0.0				22.4	100 0	-77 6
0 119	22 1			0 0	0 0	0 0				22 1	100 0	-77 9
0 128	22.1			0.0	0.0	0 0				22 1	100.0	-77 9
0 070	21 5			0.0	0 0	0.0				21 5	100 0	-78 5
0 077	21 4			0 0	0.0	0.0				21 4	100 0	-78.6
0.072	21.2			0.0	0 0	0.0				21 2	100 0	-78 8
0 072	20 8			0 0	0 0	0 0				20 8	100.0	-79 2
0 075	20.8			0 0	0 0	0 0				20 8	100 0	-79 2
0 916	20.7			0 0	0 0	0 0				20 7	100 0	-79.3
0.066	20.6			0 0	0 0	0 0				20 6	100 0	-79 4
0.074	20.5			0 0	0 0	0.0				20 5	100 0	-79.5
0.081	20.5			0 0	0 0	0.0				20 5	100 0	-79.5
0 068	20.2			0 0	0 0	0 0				20.2	100 0	-79.8
0 067	19 9			0 0	0 0	0 0				19 9	100 0	-80.1
0.075	19.8			0.0	0 0	0 0				19 8	100 0	-80.2
0 079	19 6			0 0	0 0	0 0				19.6	100 0	-80.4

NORTHWEST EMC

CONDUCTED EMISSIONS - EVALUATION ONLY

ACQ 2005.9.12
EMI 2005.5.05

EUT:	Spinal Pak 2	Work Order:	CNTR0012
Serial Number:	5602	Date:	09/14/05
Customer:	[redacted]	Temperature:	23
Attendees:	[redacted]	Humidity:	38%
Project:		Barometric Pressure	30.11
Tested by:	[redacted]	Job Site:	EV04
Power:	Battery		

TEST SPECIFICATIONS	Test Method

TEST PARAMETERS

Cable or Line Tested	Positive

COMMENTS

500 Ohm AAMI load.

EUT OPERATING MODES

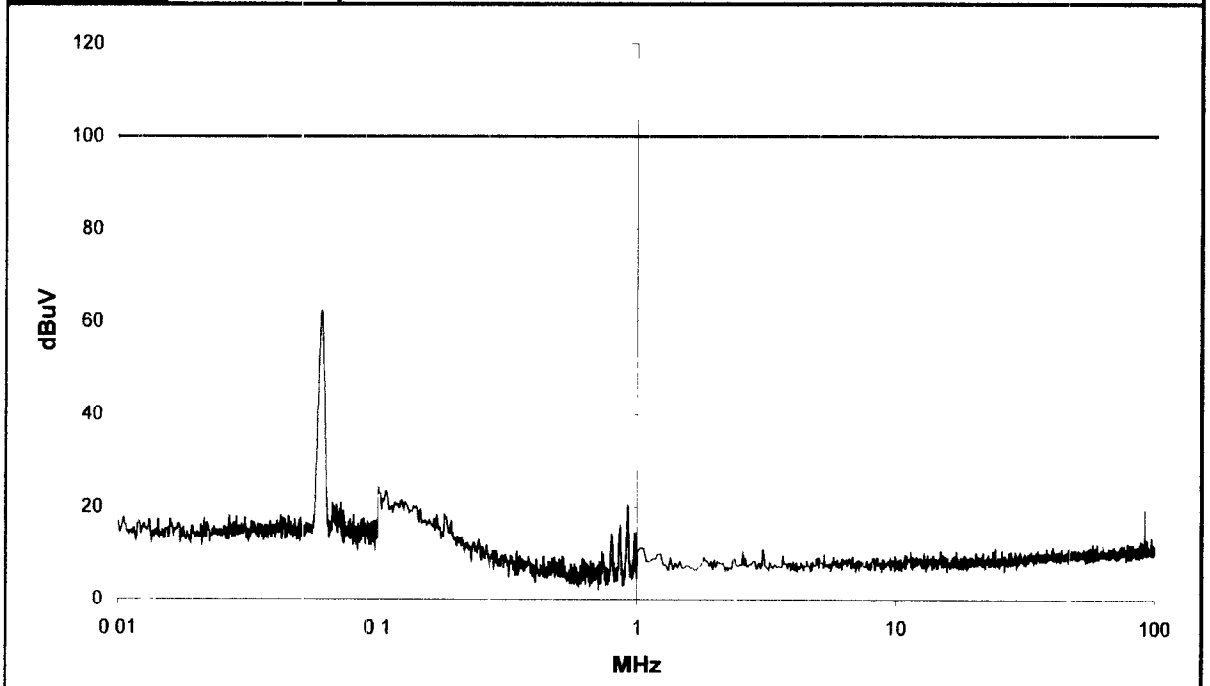
Normal operating mode.

DEVIATIONS FROM TEST STANDARD

No deviations.

Run #	71
Configuration #	5
Results	Evaluation

Signature



Freq (MHz)	Amplitude (dBuV)			Transducer (dB)	Cable (dB)	External Attenuation (dB)		Detector (blank equal peaks [PK] from scan)		Adjusted dBuV	Spec Limit dBuV	Compared to Spec (dB)
0 061	62 3			0 0	0 0	0.0				62 3	100 0	-37.7
0 100	24 6			0 0	0 0	0.0				24 6	100 0	-75 4
0 108	23 5			0.0	0 0	0.0				23 5	100 0	-76 5
0 123	21.6			0 0	0 0	0 0				21 6	100.0	-78 4
0 072	21 0			0 0	0 0	0 0				21 0	100 0	-79 0
0.067	20.9			0 0	0.0	0 0				20 9	100 0	-79.1
0.917	20.6			0 0	0 0	0.0				20 6	100 0	-79.4
0 069	20 5			0 0	0 0	0 0				20 5	100 0	-79.5
0.068	20.3			0 0	0 0	0.0				20 3	100 0	-79.7
0.069	19 6			0 0	0 0	0 0				19.6	100 0	-80.4
0 071	19 6			0 0	0 0	0 0				19 6	100.0	-80 4
0 146	19 6			0.0	0.0	0 0				19 6	100.0	-80.4
91 740	17 0			0 0	2 6	0.0				19.6	100.0	-80 4
0 074	19 2			0 0	0 0	0.0				19 2	100 0	-80 8
0 070	19 0			0 0	0.0	0.0				19 0	100 0	-81 0
0 072	19 0			0 0	0 0	0.0				19 0	100 0	-81.0
0 068	18 6			0 0	0 0	0 0				18 6	100.0	-81 4
0 181	18 5			0 0	0 0	0.0				18 5	100 0	-81.5
0 081	18.4			0 0	0 0	0.0				18 4	100 0	-81 6

NORTHWEST EMC

CONDUCTED EMISSIONS - EVALUATION ONLY

ACO 2005.8.18
EMI 2005.5.06

EUT:	Spinal Pak 2	Work Order:	CNTR0012
Serial Number:	5602	Date:	09/14/05
Customer:	[redacted]	Temperature:	23
Attendees:	[redacted]	Humidity:	38%
Project:		Barometric Pressure	30.11
Tested by:	[redacted]	Job Site:	EV04
Power:	Battery		

TEST SPECIFICATIONS | **Test Method**

TEST PARAMETERS

Cable or Line Tested	Positive

COMMENTS

600 Ohm AAMI load.

EUT OPERATING MODES

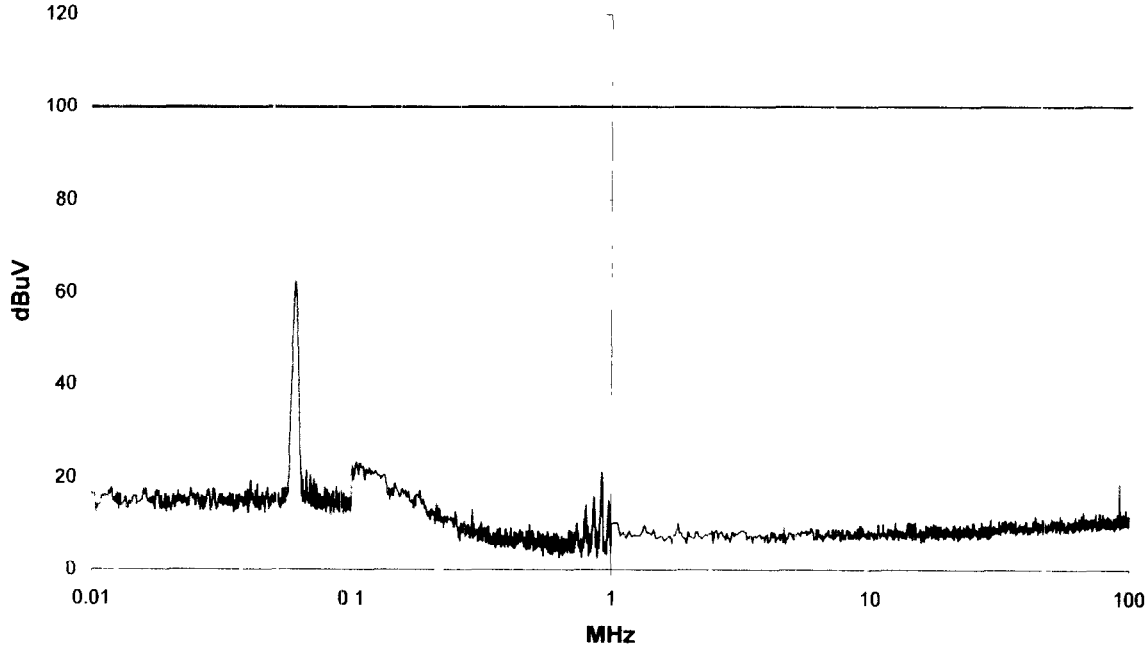
Normal operating mode.

DEVIATIONS FROM TEST STANDARD

No deviations.

Run #	72
Configuration #	5
Results	Evaluation

Signature



Freq (MHz)	Amplitude (dBuV)			Transducer (dB)	Cable (dB)	External Attenuation (dB)		Detector (blank equal peaks [PK] from scan)		Adjusted dBuV	Spec Limit dBuV	Compared to Spec (dB)
0.061	62.3			0.0	0.0	0.0				62.3	100.0	-37.7
0.104	23.4			0.0	0.0	0.0				23.4	100.0	-76.6
0.108	23.1			0.0	0.0	0.0				23.1	100.0	-76.9
0.100	22.7			0.0	0.0	0.0				22.7	100.0	-77.3
0.117	22.2			0.0	0.0	0.0				22.2	100.0	-77.8
0.067	21.5			0.0	0.0	0.0				21.5	100.0	-78.5
0.917	21.3			0.0	0.0	0.0				21.3	100.0	-78.7
0.069	20.5			0.0	0.0	0.0				20.5	100.0	-79.5
0.072	19.6			0.0	0.0	0.0				19.6	100.0	-80.4
0.065	19.5			0.0	0.0	0.0				19.5	100.0	-80.5
0.041	19.4			0.0	0.0	0.0				19.4	100.0	-80.6
0.147	18.9			0.0	0.0	0.0				18.9	100.0	-81.1
91.600	16.3			0.0	2.5	0.0				18.8	100.0	-81.2
0.070	18.8			0.0	0.0	0.0				18.8	100.0	-81.2
0.043	18.6			0.0	0.0	0.0				18.6	100.0	-81.4
0.073	18.6			0.0	0.0	0.0				18.6	100.0	-81.4
0.071	18.2			0.0	0.0	0.0				18.2	100.0	-81.8
0.087	18.2			0.0	0.0	0.0				18.2	100.0	-81.8
0.012	18.0			0.0	0.0	0.0				18.0	100.0	-82.0

NORTHWEST EMC

CONDUCTED EMISSIONS - EVALUATION ONLY

ACQ 2005.9.12
EMI 2005.5.05

EUT:	Spinal Pak 2	Work Order:	CNTR0012
Serial Number:	5602	Date:	09/14/05
Customer:	[redacted]	Temperature:	23
Attendees:	[redacted]	Humidity:	38%
Project:		Barometric Pressure	30.11
Tested by:	[redacted]	Power: Battery	Job Site: EV04

TEST SPECIFICATIONS	Test Method

TEST PARAMETERS	
Cable or Line Tested	Positive

COMMENTS

700 Ohm AAMI load.

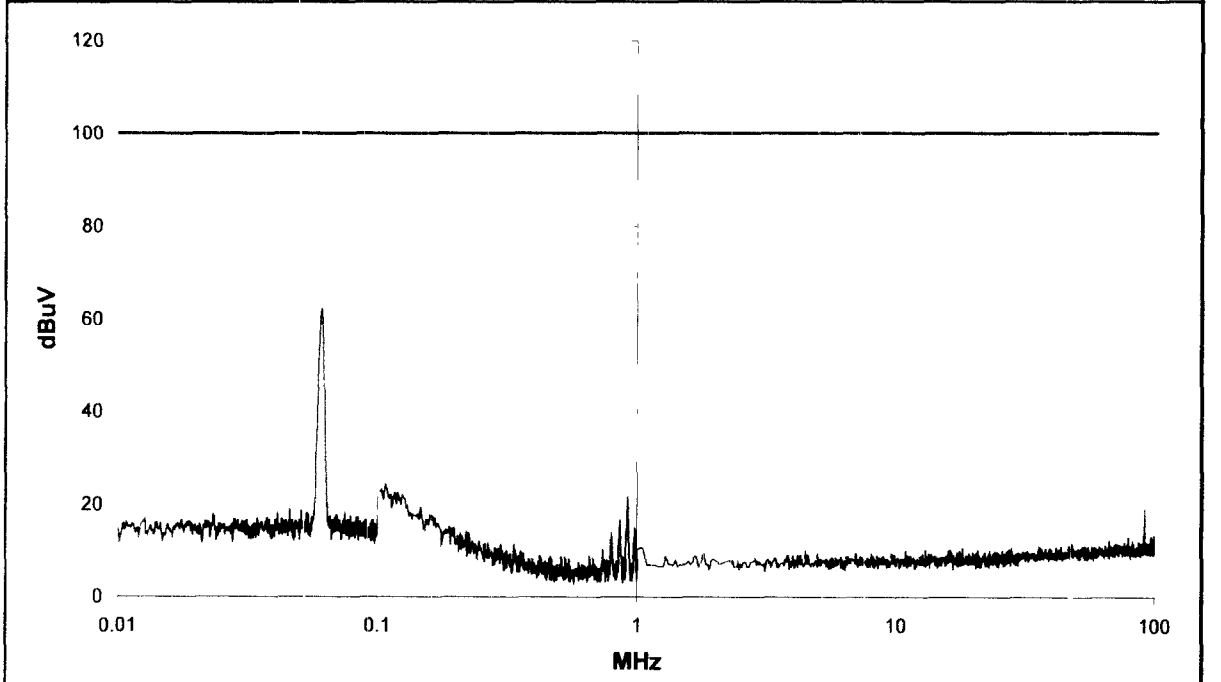
EUT OPERATING MODES

Normal operating mode.

DEVIATIONS FROM TEST STANDARD

No deviations.

Run #	73	
Configuration #	5	
Results	Evaluation	Signature



Freq (MHz)	Amplitude (dBuV)			Transducer (dB)	Cable (dB)	External Attenuation (dB)		Detector (blank equals peaks (PK) from scan)		Adjusted dBuV	Spec Limit dBuV	Compared to Spec (dB)
0 061	62 3			0 0	0 0	0.0				62 3	100 0	-37 7
0 107	24 4			0 0	0 0	0 0				24 4	100 0	-75 6
0.104	23 5			0 0	0 0	0 0				23 5	100 0	-76 5
0 116	22 7			0 0	0.0	0 0				22 7	100 0	-77 3
0 120	22 7			0 0	0 0	0 0				22 7	100 0	-77 3
0 124	22 2			0 0	0 0	0.0				22 2	100 0	-77.8
0 919	21 8			0 0	0 0	0 0				21 8	100 0	-78 2
0 146	19.5			0 0	0 0	0.0				19 5	100 0	-80.5
91 600	16 8			0 0	2 5	0 0				19 3	100 0	-80 7
0 046	19 1			0 0	0 0	0 0				19 1	100 0	-80 9
0 051	18 8			0 0	0 0	0.0				18 8	100.0	-81 2
0 075	18.5			0 0	0.0	0 0				18.5	100 0	-81 5
0 041	18 4			0 0	0 0	0.0				18 4	100 0	-81 6
0 053	18 3			0 0	0 0	0.0				18 3	100 0	-81 7
0 023	18 2			0 0	0 0	0 0				18 2	100 0	-81 8
0 054	18.2			0 0	0 0	0 0				18 2	100.0	-81 8
0 160	18 1			0 0	0 0	0 0				18 1	100 0	-81 9
0 069	18 0			0 0	0 0	0 0				18.0	100.0	-82.0
0 013	17 9			0 0	0 0	0 0				17 9	100.0	-82 1

NORTHWEST EMC

CONDUCTED EMISSIONS - EVALUATION ONLY

ACO 200[illegible]9 12
EMI 200[illegible]5.05

EUT:	Spinal Pak 2	Work Order:	CNTR0012
Serial Number:	5602	Date:	09/14/05
Customer:	[redacted]	Temperature:	23
Attendees:	[redacted]	Humidity:	38%
Project:		Barometric Pressure	30.11
Tested by:	[redacted] Power: Battery	Job Site:	EV04

TEST SPECIFICATIONS | **Test Method**

TEST PARAMETERS

Cable or Line Tested: Positive

COMMENTS

700 Ohm Resistive load.

EUT OPERATING MODES

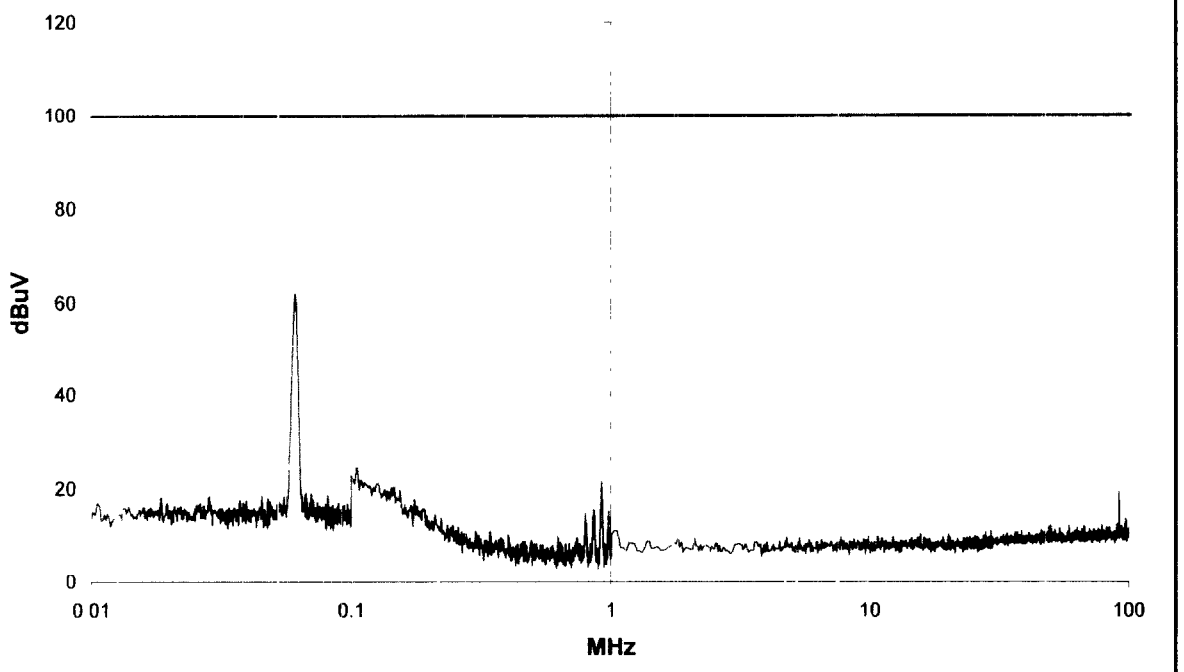
Normal operating mode.

DEVIATIONS FROM TEST STANDARD

No deviations.

Run #	74
Configuration #	5
Results	Evaluation

Signature



Freq (MHz)	Amplitude (dBuV)			Transducer (dB)	Cable (dB)	External Attenuation (dB)		Detector (blank equal peaks [PK] from scan)		Adjusted dBuV	Spec Limit dBuV	Compared to Spec (dB)
0 061	62 1			0.0	0 0	0 0				62 1	100.0	-37 9
0 105	25 0			0 0	0 0	0 0				25 0	100 0	-75 0
0 109	22 0			0 0	0 0	0 0				22 0	100 0	-78 0
0.919	21.7			0 0	0 0	0.0				21 7	100 0	-78.3
0 126	21 4			0 0	0 0	0 0				21 4	100 0	-78 6
0 146	20 6			0.0	0.0	0.0				20.6	100.0	-79 4
0 153	19 8			0.0	0 0	0 0				19 8	100 0	-80 2
91 600	16 9			0 0	2 5	0 0				19 4	100 0	-80 6
0 067	19 2			0 0	0 0	0 0				19 2	100 0	-80 8
0 070	19 1			0 0	0 0	0 0				19 1	100 0	-80.9
0 066	18 8			0 0	0 0	0 0				18 8	100 0	-81 2
0.081	18 7			0 0	0.0	0 0				18 7	100.0	-81 3
0 028	18.6			0 0	0 0	0.0				18 6	100 0	-81 4
0 045	18 6			0 0	0 0	0 0				18 6	100 0	-81 4
0 055	18.5			0 0	0 0	0 0				18 5	100 0	-81 5
0 019	18 3			0 0	0 0	0.0				18 3	100 0	-81 7
0 048	18 1			0 0	0 0	0 0				18 1	100 0	-81.9
0 175	18.0			0 0	0 0	0.0				18 0	100 0	-82.0
0 037	17 8			0 0	0 0	0 0				17 8	100 0	-82.2

NORTHWEST EMC

CONDUCTED EMISSIONS - EVALUATION ONLY

ACQ 2005.5.0
EMI 2005.5.0

EUT:	Spinal Pak 2	Work Order:	CNTR0012
Serial Number:	5602	Date:	09/14/05
Customer:	[redacted]	Temperature:	23
Attendees:	[redacted]	Humidity:	38%
Project:		Barometric Pressure	30.11
Tested by:	[redacted] Power: Battery	Job Site:	EV04

TEST SPECIFICATIONS | **Test Method**

TEST PARAMETERS

Cable or Line Tested	Positive

COMMENTS

600 Ohm Resistive load.

EUT OPERATING MODES

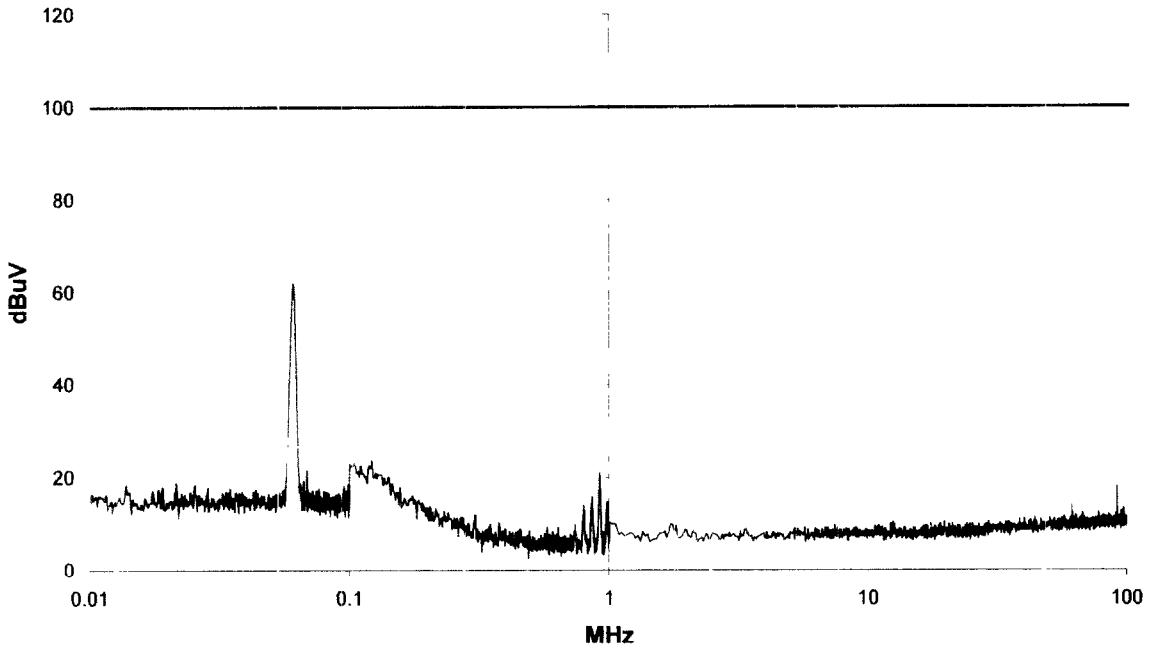
Normal operating mode.

DEVIATIONS FROM TEST STANDARD

No deviations.

Run #	75
Configuration #	5
Results	Evaluation

Signature



Freq (MHz)	Amplitude (dBuV)			Transducer (dB)	Cable (dB)	External Attenuation (dB)		Detector (blank equal peaks [PK] from scan)		Adjusted dBuV	Spec Limit dBuV	Compared to Spec (dB)
0 061	62 0			0 0	0 0	0.0				62 0	100 0	-38.0
0.122	23 8			0 0	0 0	0.0				23 8	100 0	-76 2
0 105	23.2			0 0	0 0	0 0				23 2	100 0	-76.8
0 111	22 7			0 0	0 0	0.0				22 7	100 0	-77 3
0 069	21 6			0 0	0 0	0.0				21 6	100 0	-78.4
0 917	21 2			0 0	0 0	0.0				21 2	100 0	-78.8
0.067	19 4			0 0	0 0	0.0				19 4	100.0	-80.6
0 022	19 1			0 0	0.0	0 0				19 1	100 0	-80.9
0 146	18 8			0 0	0 0	0 0				18 8	100 0	-81 2
0 014	18 6			0 0	0 0	0 0				18 6	100 0	-81 4
0 025	18 6			0 0	0 0	0 0				18 6	100 0	-81 4
0.099	18 6			0 0	0.0	0.0				18 6	100.0	-81.4
91 740	16 0			0 0	2 6	0.0				18 6	100 0	-81 4
0.095	18.3			0 0	0.0	0.0				18 3	100 0	-81 7
0 019	18 1			0 0	0.0	0.0				18 1	100 0	-81 9
0 029	18 0			0 0	0 0	0 0				18 0	100.0	-82 0
0 156	18 0			0 0	0 0	0 0				18 0	100 0	-82.0
0 076	17 8			0 0	0 0	0.0				17 8	100 0	-82.2
0 035	17 7			0 0	0 0	0.0				17 7	100 0	-82 3

NORTHWEST EMC

CONDUCTED EMISSIONS - EVALUATION ONLY

ACO 2005.3.12
EMI 2005.5.05

EUT:	Spinal Pak 2	Work Order:	CNTR0012
Serial Number:	5602	Date:	09/14/05
Customer:	[redacted]	Temperature:	23
Attendees:	[redacted]	Humidity:	38%
Project:		Barometric Pressure	30.11
Tested by:	[redacted] Power: Battery	Job Site:	EV04

TEST SPECIFICATIONS	Test Method

TEST PARAMETERS

Cable or Line Tested	Positive

COMMENTS

500 Ohm Resistive load.

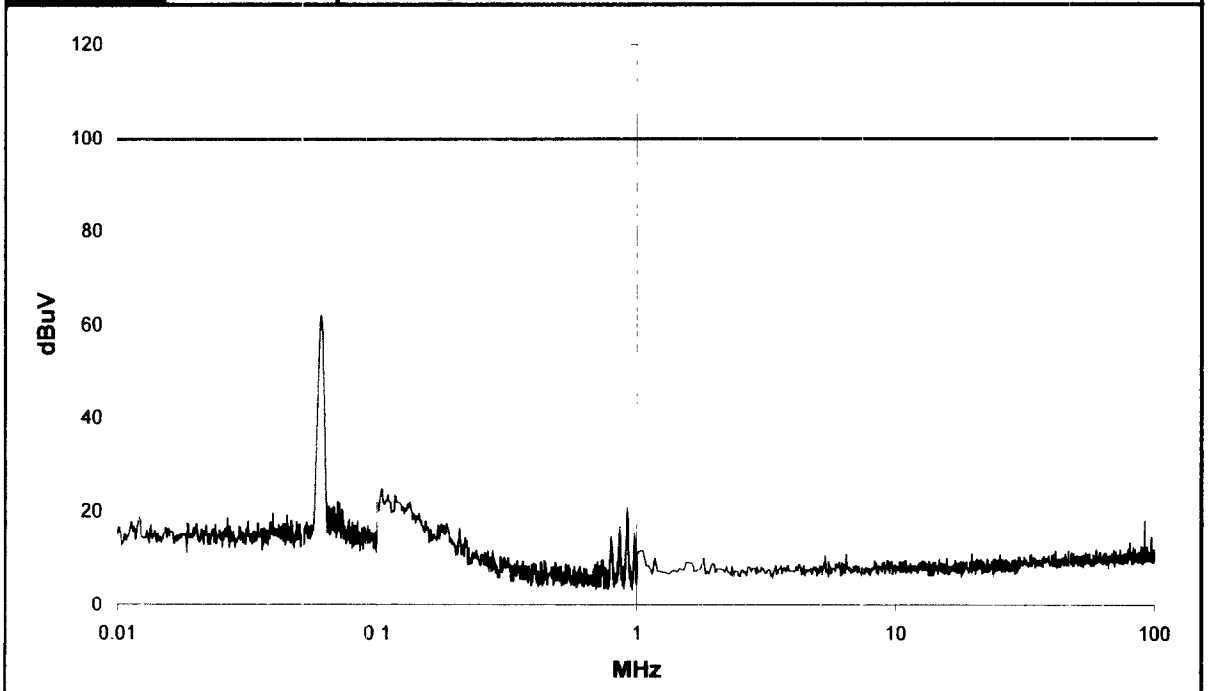
EUT OPERATING MODES

Normal operating mode.

DEVIATIONS FROM TEST STANDARD

No deviations.

Run #	76	
Configuration #	5	
Results	Evaluation	Signature



Freq (MHz)	Amplitude (dBuV)			Transducer (dB)	Cable (dB)	External Attenuation (dB)		Detector (blank equal peaks [PK] from scan)		Adjusted dBuV	Spec Limit dBuV	Compared to Spec (dB)
0.061	62.2			0.0	0.0	0.0				62.2	100.0	-37.8
0.105	24.9			0.0	0.0	0.0				24.9	100.0	-75.1
0.110	23.6			0.0	0.0	0.0				23.6	100.0	-76.4
0.117	23.6			0.0	0.0	0.0				23.6	100.0	-76.4
0.070	22.2			0.0	0.0	0.0				22.2	100.0	-77.8
0.133	22.0			0.0	0.0	0.0				22.0	100.0	-78.0
0.071	21.8			0.0	0.0	0.0				21.8	100.0	-78.2
0.065	21.1			0.0	0.0	0.0				21.1	100.0	-78.9
0.068	21.1			0.0	0.0	0.0				21.1	100.0	-78.9
0.918	20.8			0.0	0.0	0.0				20.8	100.0	-79.2
0.067	20.7			0.0	0.0	0.0				20.7	100.0	-79.3
0.067	20.5			0.0	0.0	0.0				20.5	100.0	-79.5
0.073	20.4			0.0	0.0	0.0				20.4	100.0	-79.6
0.040	19.7			0.0	0.0	0.0				19.7	100.0	-80.3
0.145	19.7			0.0	0.0	0.0				19.7	100.0	-80.3
0.045	19.3			0.0	0.0	0.0				19.3	100.0	-80.7
0.066	19.2			0.0	0.0	0.0				19.2	100.0	-80.8
0.069	19.1			0.0	0.0	0.0				19.1	100.0	-80.9
0.012	18.8			0.0	0.0	0.0				18.8	100.0	-81.2

NORTHWEST EMC

CONDUCTED EMISSIONS - EVALUATION ONLY

ACQ 2005.9.12
EMI 2005.5.05

EUT:	Spinal Pak 2	Work Order:	CNTR0012
Serial Number:	5602	Date:	09/14/05
Customer:	[redacted]	Temperature:	23
Attendees:	[redacted]	Humidity:	38%
Project:		Barometric Pressure	30.11
Tested by:	[redacted]	Job Site:	EV04
Power:	Battery		

TEST SPECIFICATIONS | Test Method

TEST PARAMETERS

Cable or Line Tested	Positive

COMMENTS

400 Ohm Resistive load.

EUT OPERATING MODES

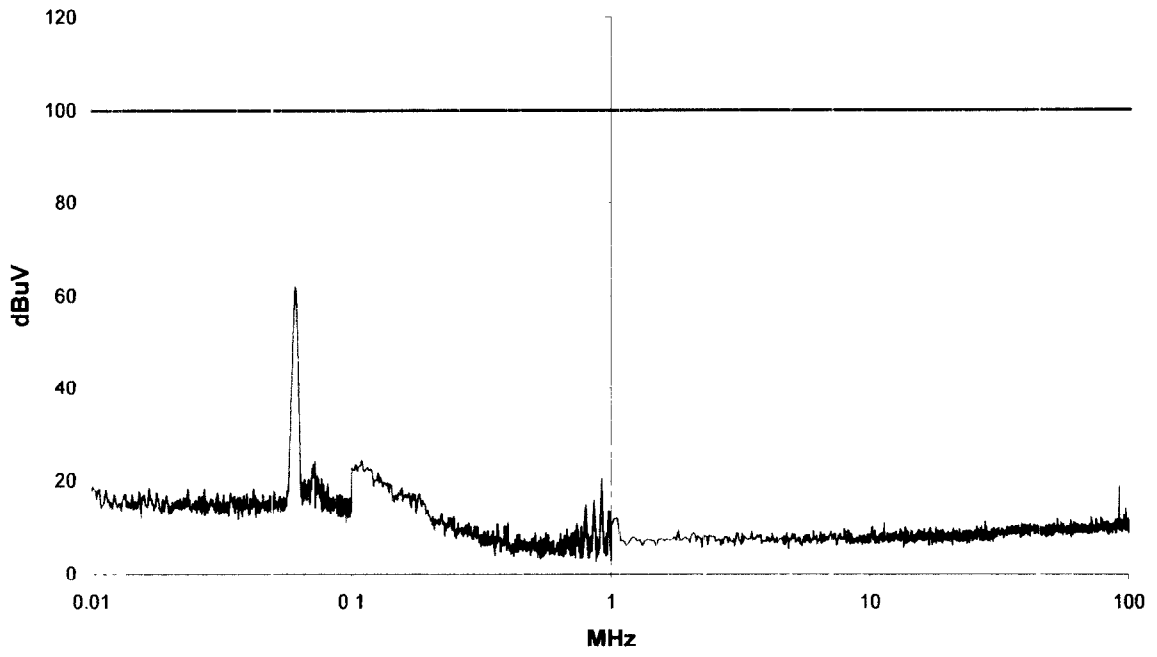
Normal operating mode.

DEVIATIONS FROM TEST STANDARD

No deviations.

Run #	77
Configuration #	5
Results	Evaluation

Signature



Freq (MHz)	Amplitude (dBuV)			Transducer (dB)	Cable (dB)	External Attenuation (dB)		Detector (blank equal peaks [PK] from scan)		Adjusted dBuV	Spec Limit dBuV	Compared to Spec (dB)
0.061	62.1			0.0	0.0	0.0				62.1	100.0	-37.9
0.110	24.4			0.0	0.0	0.0				24.4	100.0	-75.6
0.072	24.2			0.0	0.0	0.0				24.2	100.0	-75.8
0.071	23.5			0.0	0.0	0.0				23.5	100.0	-76.5
0.126	21.6			0.0	0.0	0.0				21.6	100.0	-78.4
0.074	21.2			0.0	0.0	0.0				21.2	100.0	-78.8
0.073	20.9			0.0	0.0	0.0				20.9	100.0	-79.1
0.919	20.6			0.0	0.0	0.0				20.6	100.0	-79.4
0.077	20.5			0.0	0.0	0.0				20.5	100.0	-79.5
0.066	20.4			0.0	0.0	0.0				20.4	100.0	-79.6
0.075	20.4			0.0	0.0	0.0				20.4	100.0	-79.6
0.068	20.3			0.0	0.0	0.0				20.3	100.0	-79.7
0.064	19.7			0.0	0.0	0.0				19.7	100.0	-80.3
0.069	19.7			0.0	0.0	0.0				19.7	100.0	-80.3
0.065	19.5			0.0	0.0	0.0				19.5	100.0	-80.5
0.081	19.4			0.0	0.0	0.0				19.4	100.0	-80.6
0.078	19.3			0.0	0.0	0.0				19.3	100.0	-80.7
0.067	19.1			0.0	0.0	0.0				19.1	100.0	-80.9
91.740	16.5			0.0	2.6	0.0				19.1	100.0	-80.9

NORTHWEST EMC

CONDUCTED EMISSIONS - EVALUATION ONLY

ACQ 2005.9.12
EMI 2005.5.05

EUT:	Spinal Pak 2	Work Order:	CNTR0012
Serial Number:	5602	Date:	09/14/05
Customer:	[redacted]	Temperature:	23
Attendees:	[redacted]	Humidity:	38%
Project:		Barometric Pressure	30.11
Tested by:	[redacted] Power: Battery	Job Site:	EV04

TEST SPECIFICATIONS	Test Method

TEST PARAMETERS

Cable or Line Tested	Positive

COMMENTS

300 Ohm Resistive load.

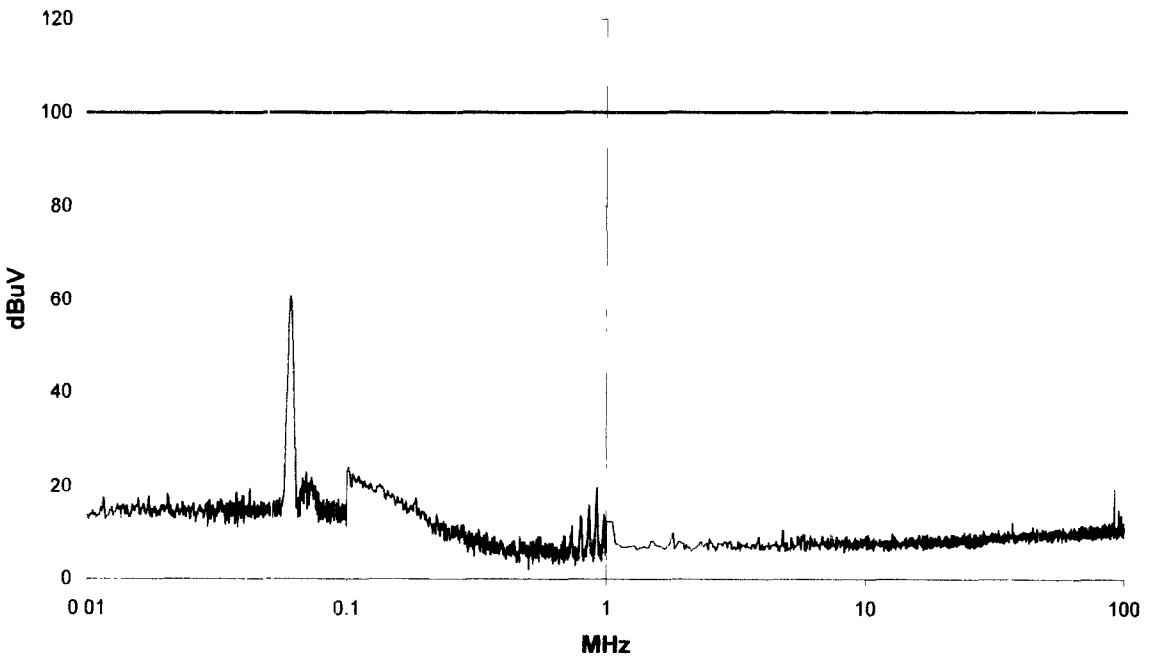
EUT OPERATING MODES

Normal operating mode.

DEVIATIONS FROM TEST STANDARD

No deviations.

Run #	78	
Configuration #	5	
Results	Evaluation	Signature



Freq (MHz)	Amplitude (dBuV)			Transducer (dB)	Cable (dB)	External Attenuation (dB)		Detector (blank equal peaks (PK) from scan)		Adjusted dBuV	Spec Limit dBuV	Compared to Spec (dB)
0 061	61 1			0.0	0 0	0 0				61 1	100 0	-38.9
0 101	24 5			0 0	0 0	0 0				24 5	100.0	-75 5
0 070	23 1			0 0	0.0	0 0				23 1	100.0	-76 9
0 105	22.8			0 0	0.0	0 0				22.8	100.0	-77 2
0 073	22 0			0 0	0 0	0.0				22 0	100 0	-78 0
0 068	21 8			0.0	0 0	0.0				21 8	100 0	-78.2
0 071	20.7			0 0	0 0	0 0				20.7	100.0	-79 3
0.076	20 2			0 0	0 0	0 0				20 2	100.0	-79 8
0 076	20 1			0 0	0 0	0.0				20 1	100 0	-79 9
0 919	20 0			0 0	0 0	0 0				20.0	100 0	-80 0
0 075	19 8			0 0	0.0	0 0				19 8	100.0	-80.2
0 042	19.7			0 0	0 0	0.0				19 7	100.0	-80.3
0.066	19 6			0 0	0 0	0 0				19.6	100 0	-80 4
91 600	16 8			0 0	2 5	0.0				19 3	100 0	-80 7
0 144	19 1			0 0	0 0	0.0				19 1	100 0	-80 9
0.071	19 0			0 0	0 0	0.0				19.0	100 0	-81 0
0 076	19.0			0 0	0 0	0.0				19 0	100 0	-81 0
0.038	18.9			0.0	0 0	0.0				18 9	100 0	-81.1
0 078	18.7			0 0	0 0	0 0				18 7	100.0	-81 3

NORTHWEST EMC

CONDUCTED EMISSIONS - EVALUATION ONLY

ACQ 2005.9.19
EMI 2005.5.05

EUT:	Spinal Pak 2	Work Order:	CNTR0012
Serial Number:	5602	Date:	09/14/05
Customer:	[redacted]	Temperature:	23
Attendees:	[redacted]	Humidity:	38%
Project:		Barometric Pressure	30.11
Tested by:	[redacted]	Job Site:	EV04
Power:	Battery		

TEST SPECIFICATIONS | **Test Method**

TEST PARAMETERS

Cable or Line Tested	Positive

COMMENTS

200 Ohm Resistive load.

EUT OPERATING MODES

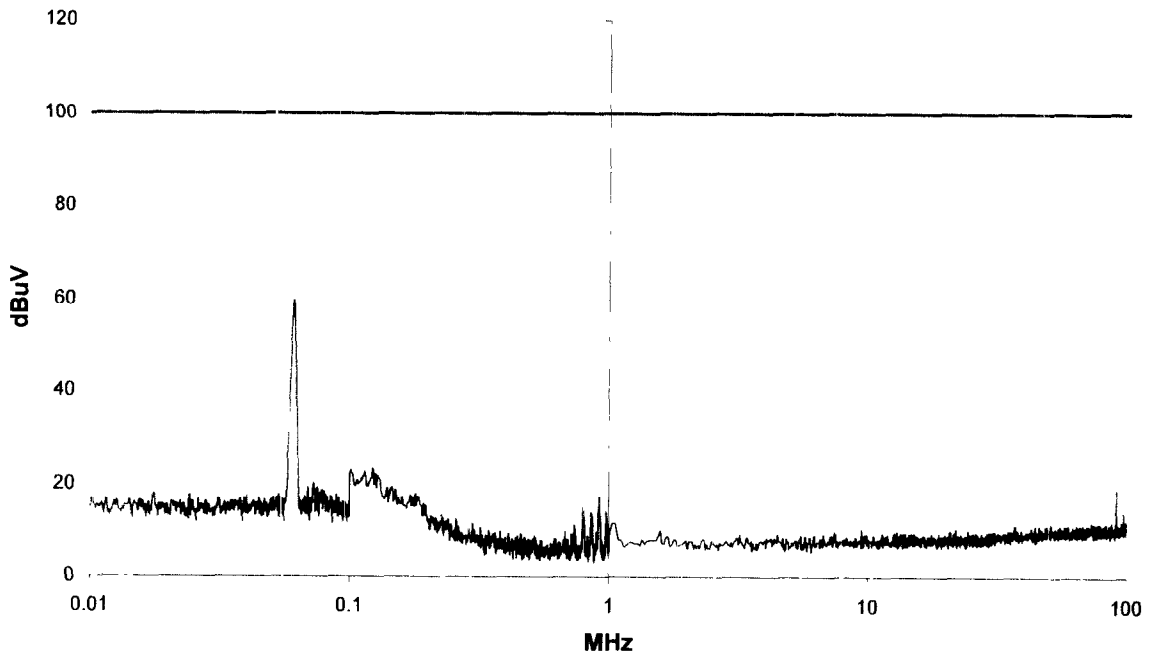
Normal operating mode.

DEVIATIONS FROM TEST STANDARD

No deviations.

Run #	79
Configuration #	5
Results	Evaluation

Signature



Freq (MHz)	Amplitude (dBuV)			Transducer (dB)	Cable (dB)	External Attenuation (dB)		Detector (blank equal peaks [PK] from scan)		Adjusted dBuV	Spec Limit dBuV	Compared to Spec (dB)
0 061	59.9			0 0	0 0	0 0				59.9	100.0	-40 1
0.123	23 6			0 0	0 0	0 0				23 6	100 0	-76 4
0 101	23 2			0 0	0 0	0 0				23 2	100 0	-76 8
0 114	22 8			0 0	0 0	0.0				22 8	100 0	-77 2
0 125	22 4			0 0	0 0	0 0				22.4	100 0	-77 6
0 128	21 9			0 0	0 0	0 0				21.9	100.0	-78 1
0 073	20 4			0 0	0 0	0 0				20 4	100 0	-79 6
0 069	19 5			0 0	0 0	0 0				19 5	100 0	-80 5
0 146	19 5			0 0	0 0	0 0				19 5	100 0	-80 5
0 075	19 4			0 0	0 0	0 0				19 4	100 0	-80 6
0 140	19 3			0 0	0 0	0 0				19 3	100.0	-80 7
91 740	16 6			0 0	2 6	0 0				19 2	100 0	-80 8
0 150	19 0			0 0	0 0	0 0				19 0	100 0	-81 0
0 917	19 0			0 0	0 0	0 0				19 0	100 0	-81 0
0 078	18 9			0 0	0 0	0 0				18 9	100 0	-81 1
0 078	18 8			0 0	0 0	0 0				18 8	100 0	-81.2
0 080	18 6			0 0	0 0	0 0				18 6	100 0	-81 4
0 018	18 1			0 0	0 0	0 0				18 1	100 0	-81.9
0 179	18 1			0 0	0 0	0.0				18 1	100.0	-81 9

NORTHWEST EMC

CONDUCTED EMISSIONS - EVALUATION ONLY

AEM 2005.9.12
EMI 2005.5.05

EUT:	Spinal Pak 2	Work Order:	CNTR0012
Serial Number:	5602	Date:	09/14/05
Customer:	[redacted]	Temperature:	23
Attendees:	[redacted]	Humidity:	38%
Project:		Barometric Pressure:	30.11
Tested by:	[redacted]	Job Site:	EV04
Power:	Battery		

TEST SPECIFICATIONS | **Test Method**

TEST PARAMETERS

Cable or Line Tested	Positive

COMMENTS

100 Ohm Resistive load.

EUT OPERATING MODES

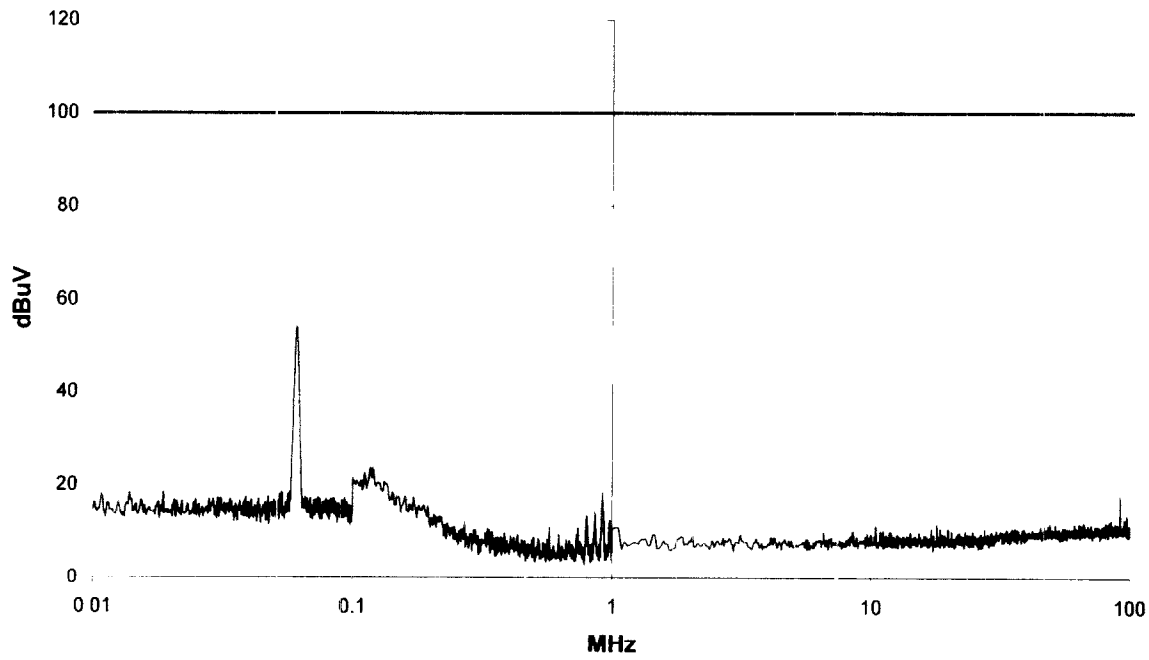
Normal operating mode.

DEVIATIONS FROM TEST STANDARD

No deviations.

Run #	80
Configuration #	5
Results	Evaluation

Signature



Freq (MHz)	Amplitude (dBuV)			Transducer (dB)	Cable (dB)	External Attenuation (dB)		Detector (blank equal peaks, [PK] from scan)		Adjusted dBuV	Spec Limit dBuV	Compared to Spec (dB)
0.061	54.1			0.0	0.0	0.0				54.1	100.0	-45.9
0.117	23.8			0.0	0.0	0.0				23.8	100.0	-76.2
0.120	23.8			0.0	0.0	0.0				23.8	100.0	-76.2
0.112	22.7			0.0	0.0	0.0				22.7	100.0	-77.3
0.100	21.7			0.0	0.0	0.0				21.7	100.0	-78.3
0.132	20.8			0.0	0.0	0.0				20.8	100.0	-79.2
0.053	18.6			0.0	0.0	0.0				18.6	100.0	-81.4
0.019	18.5			0.0	0.0	0.0				18.5	100.0	-81.5
0.918	18.5			0.0	0.0	0.0				18.5	100.0	-81.5
0.014	18.4			0.0	0.0	0.0				18.4	100.0	-81.6
0.011	18.1			0.0	0.0	0.0				18.1	100.0	-81.9
0.052	18.1			0.0	0.0	0.0				18.1	100.0	-81.9
0.056	18.1			0.0	0.0	0.0				18.1	100.0	-81.9
91.600	15.4			0.0	2.5	0.0				17.9	100.0	-82.1
0.057	17.8			0.0	0.0	0.0				17.8	100.0	-82.2
0.149	17.7			0.0	0.0	0.0				17.7	100.0	-82.3
0.159	17.7			0.0	0.0	0.0				17.7	100.0	-82.3
0.047	17.6			0.0	0.0	0.0				17.6	100.0	-82.4
0.039	17.5			0.0	0.0	0.0				17.5	100.0	-82.5

NORTHWEST EMC

CONDUCTED EMISSIONS - EVALUATION ONLY

ACQ 2005 9
EMI 2005 5

EUT:	Spinal Pak 2	Work Order:	CNTR0012
Serial Number:	5602	Date:	09/14/05
Customer:	[redacted]	Temperature:	23
Attendees:	[redacted]	Humidity:	38%
Project:		Barometric Pressure	30.11
Tested by:	[redacted]	Job Site:	EV04
Power:	Battery		

TEST SPECIFICATIONS | **Test Method**

TEST PARAMETERS

Cable or Line Tested	Positive

COMMENTS

500 Ohm AAMI cad.

EUT OPERATING MODES

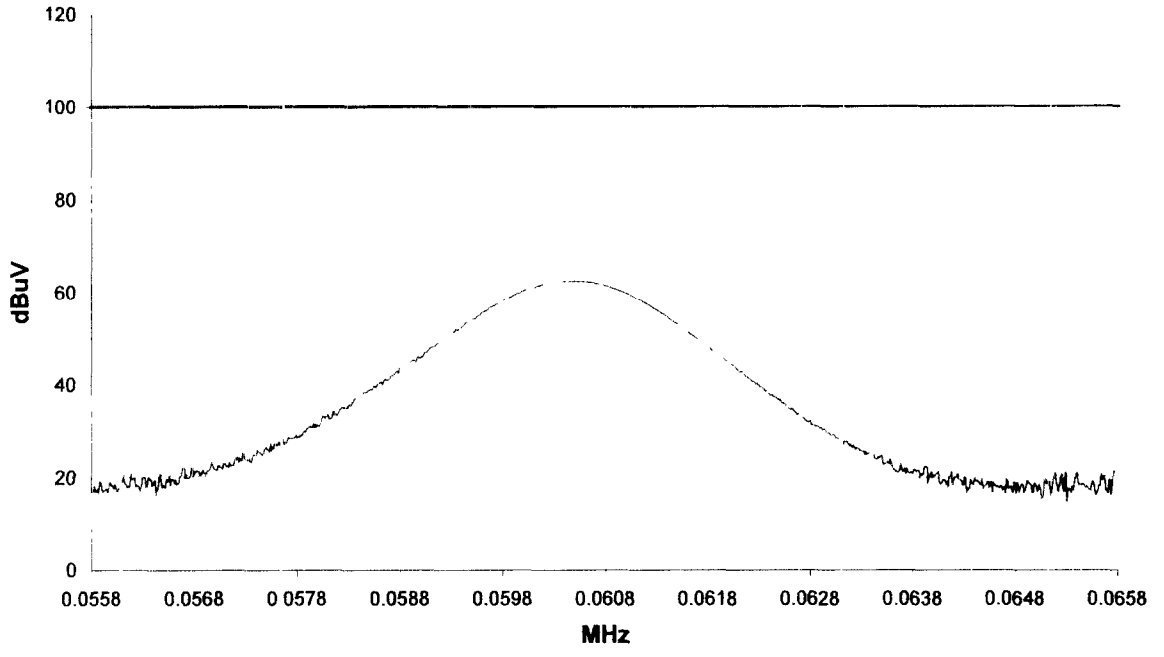
Normal operating mode.

DEVIATIONS FROM TEST STANDARD

No deviations.

Run #	81
Configuration #	5
Results	Evaluation

Signature



Freq (MHz)	Amplitude (dBuV)			Transducer (dB)	Cable (dB)	External Attenuation (dB)		Detector (blank equal peaks, [PK] from scan)		Adjusted dBuV	Spec Limit dBuV	Compared to Spec (dB)
0.060	62.5			0.0	0.0	0.0				62.5	100.0	-37.5
0.064	22.5			0.0	0.0	0.0				22.5	100.0	-77.5
0.057	22.1			0.0	0.0	0.0				22.1	100.0	-77.9
0.066	21.5			0.0	0.0	0.0				21.5	100.0	-78.5
0.065	21.4			0.0	0.0	0.0				21.4	100.0	-78.6
0.056	21.3			0.0	0.0	0.0				21.3	100.0	-78.7
0.064	21.3			0.0	0.0	0.0				21.3	100.0	-78.7
0.064	21.3			0.0	0.0	0.0				21.3	100.0	-78.7
0.065	21.1			0.0	0.0	0.0				21.1	100.0	-78.9
0.065	21.1			0.0	0.0	0.0				21.1	100.0	-78.9
0.056	20.8			0.0	0.0	0.0				20.8	100.0	-79.2
0.064	20.8			0.0	0.0	0.0				20.8	100.0	-79.2
0.065	20.8			0.0	0.0	0.0				20.8	100.0	-79.2
0.056	20.7			0.0	0.0	0.0				20.7	100.0	-79.3
0.066	20.7			0.0	0.0	0.0				20.7	100.0	-79.3
0.057	20.6			0.0	0.0	0.0				20.6	100.0	-79.4
0.056	20.4			0.0	0.0	0.0				20.4	100.0	-79.6
0.056	20.2			0.0	0.0	0.0				20.2	100.0	-79.8
0.064	20.0			0.0	0.0	0.0				20.0	100.0	-80.0

NORTHWEST EMC

CONDUCTED EMISSIONS - EVALUATION ONLY

ACQ 2005.9.12
EMI 2005.5.05

EUT:	Spinal Pak 2	Work Order:	CNTR0012
Serial Number:	5602	Date:	09/14/05
Customer:	[redacted]	Temperature:	23
Attendees:	[redacted]	Humidity:	38%
Project:		Barometric Pressure	30.11
Tested by:	[redacted]	Job Site:	EV04
Power:	Battery		

TEST SPECIFICATIONS | Test Method

TEST PARAMETERS

Cable or Line Tested: Positive

COMMENTS

500 Ohm AAMI cad.

EUT OPERATING MODES

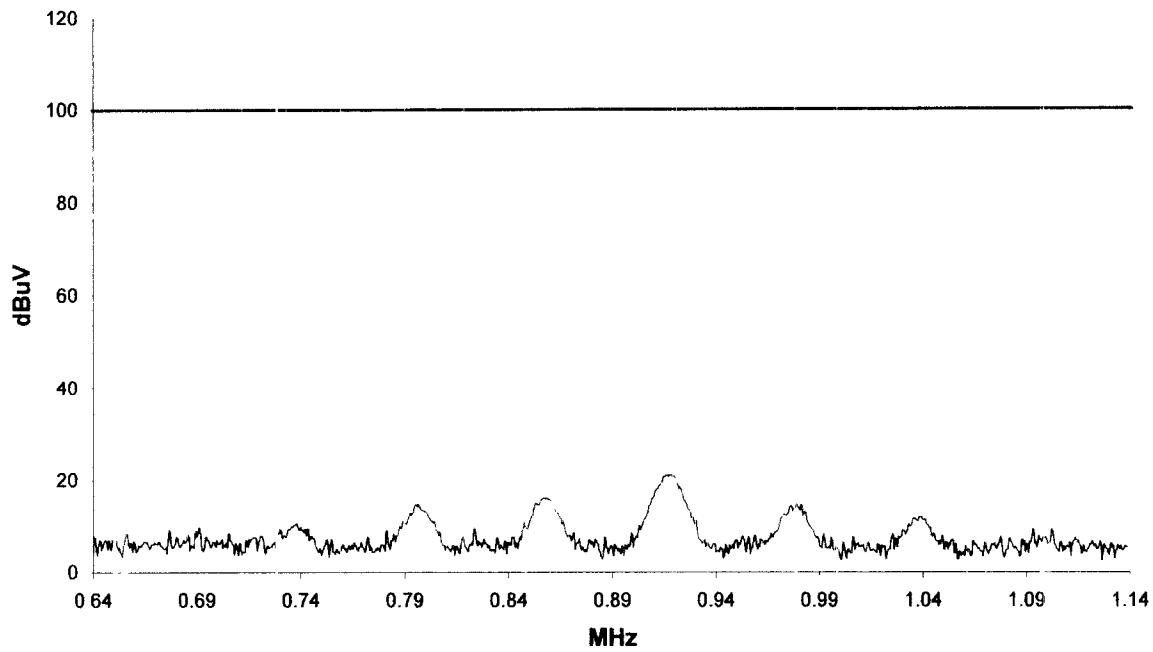
Normal operating mode.

DEVIATIONS FROM TEST STANDARD

No deviations.

Run #	82
Configuration #	5
Results	Evaluation

Signature



Freq (MHz)	Amplitude (dBuV)			Transducer (dB)	Cable (dB)	External Attenuation (dB)		Detector (blank equal peaks (PK) from scan)		Adjusted dBuV	Spec Limit dBuV	Compared to Spec (dB)
0.916	21.3			0.0	0.0	0.0				21.3	100.0	-78.7
0.857	16.3			0.0	0.0	0.0				16.3	100.0	-83.7
0.796	14.9			0.0	0.0	0.0				14.9	100.0	-85.1
0.979	14.8			0.0	0.0	0.0				14.8	100.0	-85.2
1.039	12.1			0.0	0.0	0.0				12.1	100.0	-87.9
0.738	10.6			0.0	0.0	0.0				10.6	100.0	-89.4
0.691	9.9			0.0	0.0	0.0				9.9	100.0	-90.1
0.824	9.6			0.0	0.0	0.0				9.6	100.0	-90.4
1.102	9.3			0.0	0.0	0.0				9.3	100.0	-90.7
0.730	9.3			0.0	0.0	0.0				9.3	100.0	-90.7
1.094	9.2			0.0	0.0	0.0				9.2	100.0	-90.8
0.677	9.2			0.0	0.0	0.0				9.2	100.0	-90.8
0.782	9.0			0.0	0.0	0.0				9.0	100.0	-91.0
0.650	8.7			0.0	0.0	0.0				8.7	100.0	-91.3
0.656	8.5			0.0	0.0	0.0				8.5	100.0	-91.5
0.706	8.5			0.0	0.0	0.0				8.5	100.0	-91.5
0.899	8.5			0.0	0.0	0.0				8.5	100.0	-91.5
1.026	8.3			0.0	0.0	0.0				8.3	100.0	-91.7
0.992	8.2			0.0	0.0	0.0				8.2	100.0	-91.8

Section 3 VarBatVolt DPI 62021

	P1	P2	P3	P4	P5	P6	11:12 15 22.3C	36%
	pkpk(C1)	rms(C1)	pkpk(C2)	rms(C2)	freq(C1)	period(F1)		
Value	6.62919	2.264612	0.028726	0.004611	59714.89	1.67E-05		
Mean	6.660727	2.262201	0.027565	0.004613	59821.48	1.67E-05		
Max	6.717579	2.265354	0.030052	0.004638	60098.72	1.68E-05		
Min	6.408217	2.173858	0.025412	0.004426	59549.53	1.67E-05		
Num	206	206	206	206	5768	412		
St Dev	0.039204	0.010454	0.000901	2.43E-05	71.25723	2.05E-08		

5.11V

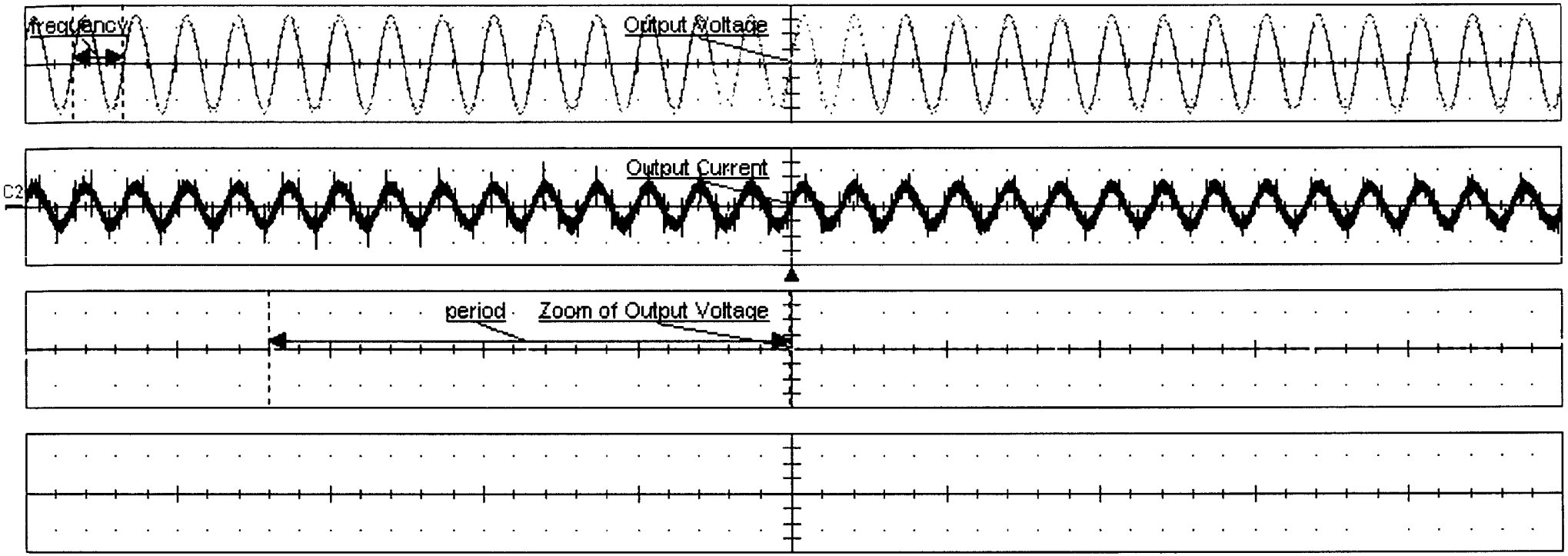
	P1	P2	P3	P4	P5	P6	11:15:08
	pkpk(C1)	rms(C1)	pkpk(C2)	rms(C2)	freq(C1)	period(F1)	
Value	6.62919	2.253995	0.026296	0.004578	60005.26	1.67E-05	
Mean	6.549899	2.251663	0.027093	0.004574	60020.9	1.67E-05	
Max	6.62919	2.254925	0.028947	0.004604	60413.45	1.67E-05	
Min	6.05466	2.056788	0.025191	0.00417	59799.05	1.66E-05	
Num	204	204	204	204	5713	408	
St Dev	0.059628	0.018829	0.000803	4E-05	64.96947	1.73E-08	

5.03V

Value
Mean
Max
Min
Num
St Dev

Value
Mean
Max
Min
Num
St Dev

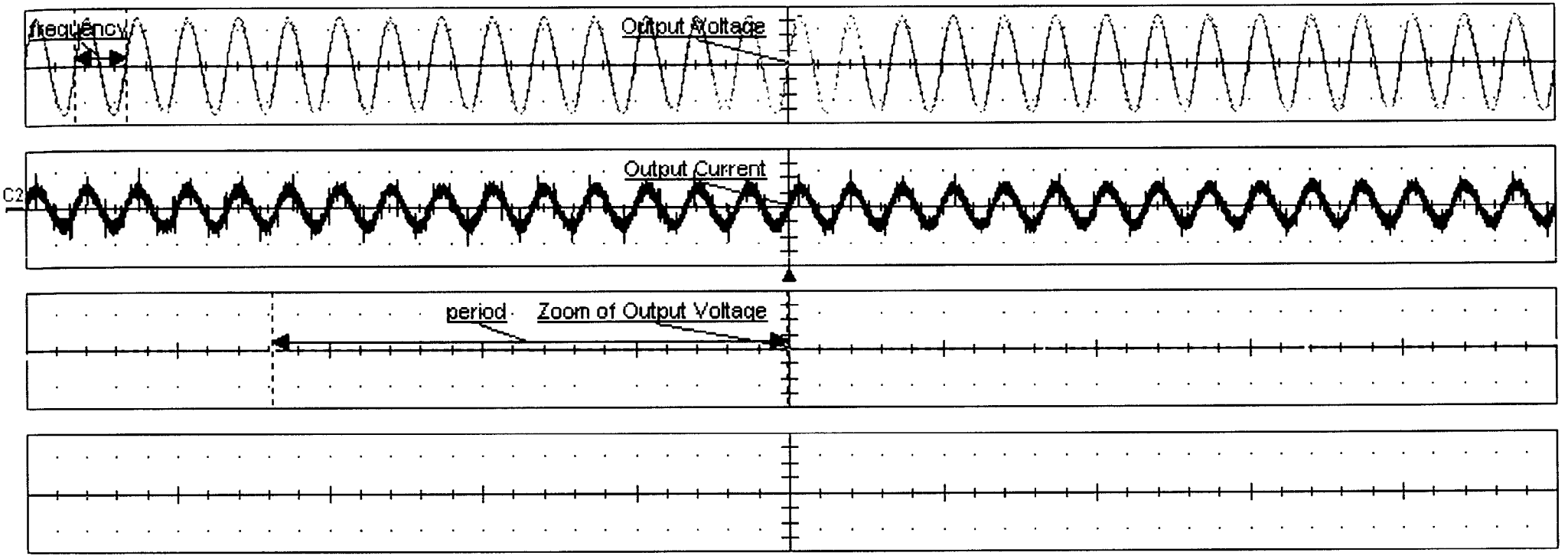
Value
Mean
Max
Min
Num
St Dev



Measure	P1:pkpk(C1)	P2:rms(C1)	P3:pkpk(C2)	P4:rms(C2)	P5:freq(C1)	P6:period(F1)
value	6.63 V	2.265 V	28.7 mV	4.61 mV	59.7378 kHz	16.72741 µs
mean	6.6607 V	2.26220 V	27.565 mV	4.6133 mV	59.821 kHz	16.7156808 µs
min	6.41 V	2.174 V	25.4 mV	4.43 mV	59.5 kHz	16.65997 µs
max	6.72 V	2.265 V	30.1 mV	4.64 mV	60.1 kHz	16.77021 µs
sdev	39.2 mV	10.45 mV	901 µV	24.3 µV	71 Hz	20.5176 ns
num	206	206	206	206	5.768e+3	412
status	✔	✔	✔	✔	✔	✔
histo						

C1 1.00 V/div 0 mV offset | 5.00 mV/div 0.00 mV ofst | F1 zoom(C1) 1.00 V/div 1.95 µs/div | Timebase 0 µs 50.0 µs/div 100 kS 200 MS/s | Trigger C1 Stop 0.00 V Edge Positive

0716 1



Measure	P1:pkpk(C1)	P2:rms(C1)	P3:pkpk(C2)	P4:rms(C2)	P5:freq(C1)	P6:period(F1)
value	6.63 V	2.254 V	26.3 mV	4.58 mV	60.0057 kHz	16.68427 µs
mean	6.5499 V	2.25166 V	27.093 mV	4.5739 mV	60.021 kHz	16.6605312 µs
min	6.05 V	2.057 V	25.2 mV	4.17 mV	59.8 kHz	16.60030 µs
max	6.63 V	2.255 V	28.9 mV	4.60 mV	60.4 kHz	16.72176 µs
sdev	59.6 mV	18.83 mV	803 µV	40.0 µV	65 Hz	17.2592 ns
num	204	204	204	204	5.713e+3	408
status	✓	✓	✓	✓	✓	✓

histo

0717

Section 3 VarBotVoltSpl165120

	P1	P2	P3	P4	P5	P6	9:47:20 22.5C	33%
	pkpk(C1)	rms(C1)	pkpk(C2)	rms(C2)	freq(C1)	period(F1)		
Value	6.894357	2.345927	0.025854	0.004848	59064.87	1.7E-05		
Mean	6.933525	2.341526	0.025607	0.00484	59119.89	1.69E-05		
Max	7.026941	2.346048	0.028285	0.004871	59924.22	1.71E-05		
Min	6.584995	2.241295	0.023202	0.004624	58146.58	1.67E-05		
Num	211	211	211	211	5908	422		
St Dev	0.049925	0.012227	0.00084	2.72E-05	241.3647	6.88E-08		

5.05V

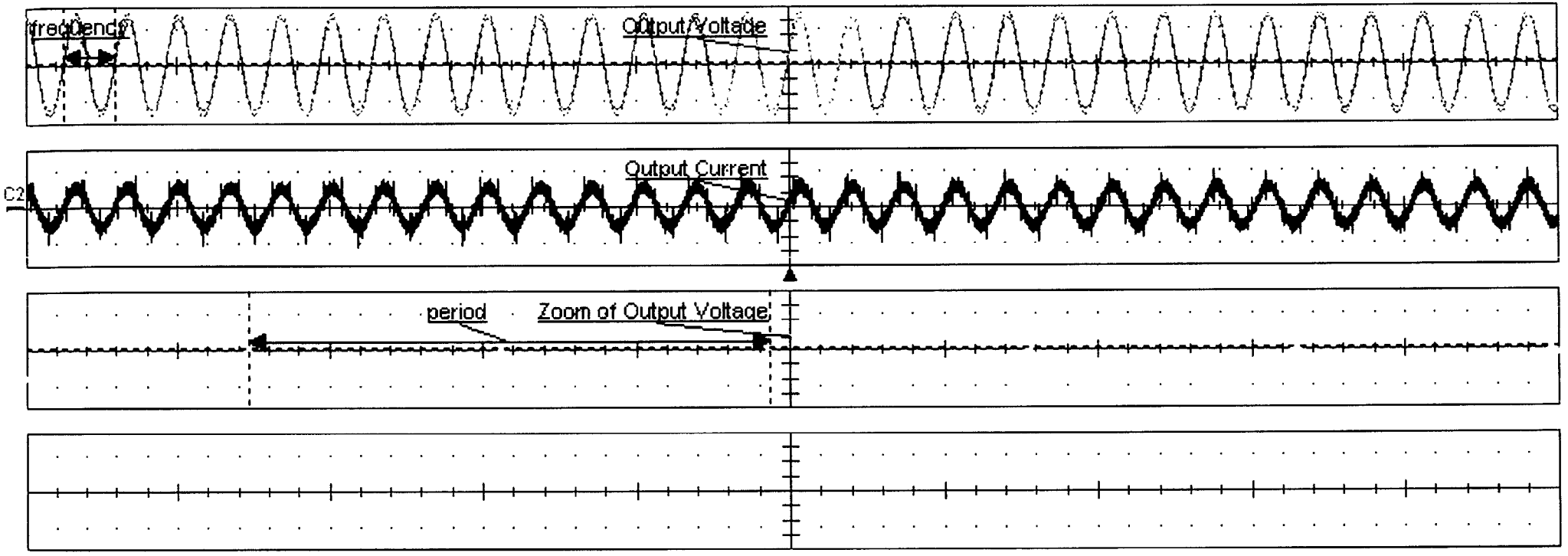
	P1	P2	P3	P4	P5	P6	9:51:35
	pkpk(C1)	rms(C1)	pkpk(C2)	rms(C2)	freq(C1)	period(F1)	
Value	6.5408	2.3115	0.026738	0.004792	59541.72	1.69E-05	
Mean	6.572337	2.308124	0.025518	0.004786	59322.33	1.69E-05	
Max	6.673384	2.312047	0.02961	0.004822	60218.59	1.71E-05	
Min	6.231438	2.116009	0.023644	0.004379	58501.11	1.67E-05	
Num	206	206	206	206	5768	412	
St Dev	0.048108	0.019685	0.000939	4.17E-05	243.3279	7.24E-08	

4.28V

Value
Mean
Max
Min
Num
St Dev

Value
Mean
Max
Min
Num
St Dev

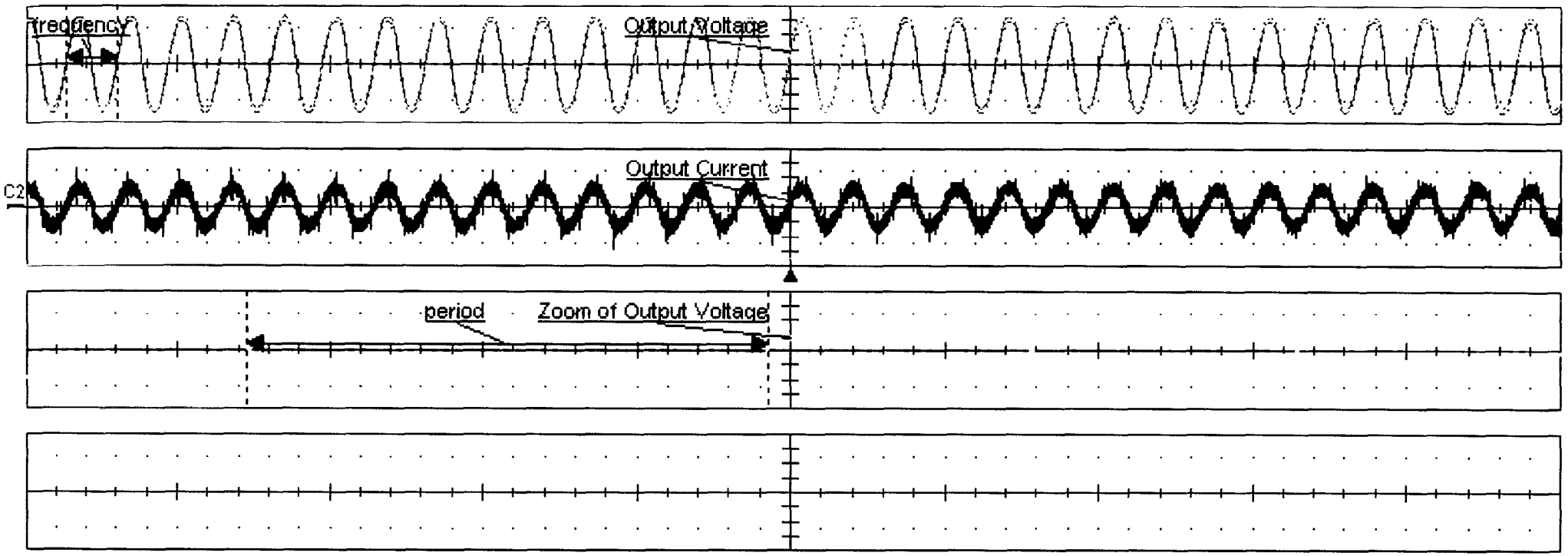
Value
Mean
Max
Min
Num
St Dev



Measure	P1:pkpk(C1)	P2:rms(C1)	P3:pkpk(C2)	P4:rms(C2)	P5:freq(C1)	P6:period(F1)
value	6.89 V	2.346 V	25.9 mV	4.85 mV	59.0649 kHz	17.02666 µs
mean	6.9335 V	2.34153 V	25.607 mV	4.8404 mV	0 MHz	16.9173617 µs
min	6.58 V	2.241 V	23.2 mV	4.62 mV	0 GHz	16.68924 µs
max	7.03 V	2.346 V	28.3 mV	4.87 mV	0 GHz	17.14010 µs
sdev	49.9 mV	12.23 mV	840 µV	27.2 µV	0 MHz	68.8075 ns
num	211	211	211	211	5.908e+3	422
status	✔	✔	✔	✔	✔	✔
histo						

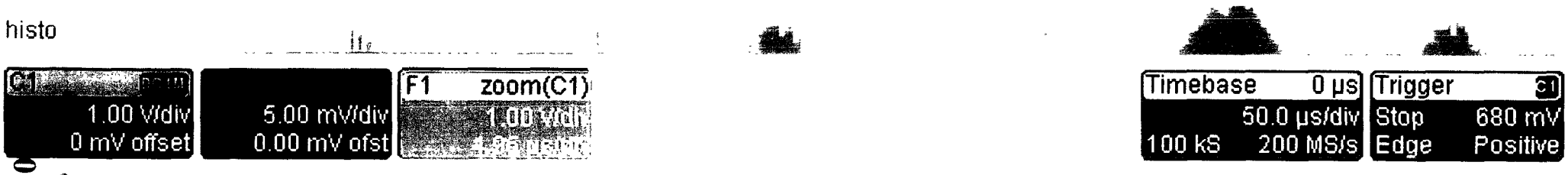
C1		F1 zoom(C1)	Timebase 0 µs	Trigger C1
1.00 V/div	5.00 mV/div	1.00 V/div	50.0 µs/div	Stop 680 mV
0 mV offset	0.00 mV ofst	[illegible]	100 kS 200 MS/s	Edge Positive

0719



Measure	P1:pkpk(C1)	P2:rms(C1)	P3:pkpk(C2)	P4:rms(C2)	P5:freq(C1)	P6:period(F1)
value	6.54 V	2.312 V	26.7 mV	4.79 mV	59.5417 kHz	16.89895 µs
mean	6.5723 V	2.30812 V	25.518 mV	4.7857 mV	0 MHz	16.8567720 µs
min	6.23 V	2.116 V	23.6 mV	4.38 mV	0 GHz	16.67487 µs
max	6.67 V	2.312 V	29.6 mV	4.82 mV	0 GHz	17.06822 µs
sdev	48.1 mV	19.68 mV	939 µV	41.7 µV	0 MHz	72.3532 ns
num	206	206	206	206	5.768e+3	412
status	✔	✔	✔	✔	✔	✔

histo



0720

2

Section 3 VarBatVolt Sp1
S13787

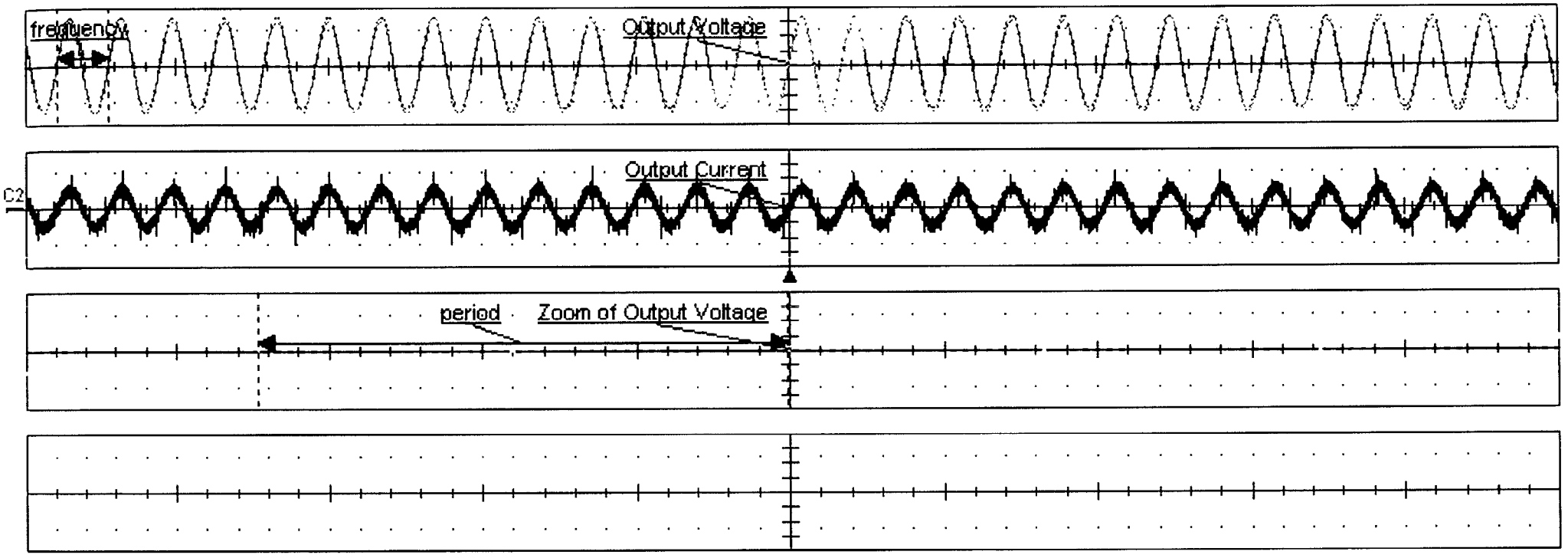
	P1	P2	P3	P4	P5	P6	11:11:50 24.9C	39%
	pkpk(C1)	rms(C1)	pkpk(C2)	rms(C2)	freq(C1)	period(F1)		
Value	6.496606	2.214232	0.026075	0.004553	58499.95	1.71E-05		
Mean	6.514068	2.21182	0.02589	0.004552	58506.79	1.71E-05		
Max	6.584995	2.214527	0.028506	0.004579	59278.21	1.72E-05		
Min	6.452411	2.2066	0.023865	0.004523	57803.47	1.7E-05		
Num	205	205	205	205	5740	410		
St Dev	0.03102	0.001465	0.000955	1.03E-05	106.6317	2.88E-08		
5.07								

	P1	P2	P3	P4	P5	P6	11:14:36
	pkpk(C1)	rms(C1)	pkpk(C2)	rms(C2)	freq(C1)	period(F1)	
Value	6.187244	2.238064	0.025191	0.004624	58781.88	1.7E-05	
Mean	6.151508	2.210549	0.025759	0.004554	58744.47	1.7E-05	
Max	6.319827	2.239183	0.028285	0.004634	59259.26	1.72E-05	
Min	2.740065	0.85814	0.019004	0.001915	57987.82	1.69E-05	
Num	256	256	256	256	7168	512	
St Dev	0.385929	0.158103	0.001135	0.000309	73.53223	2.28E-08	
4.32							

Value
Mean
Max
Min
Num
St Dev

Value
Mean
Max
Min
Num
St Dev

Value
Mean
Max
Min
Num
St Dev

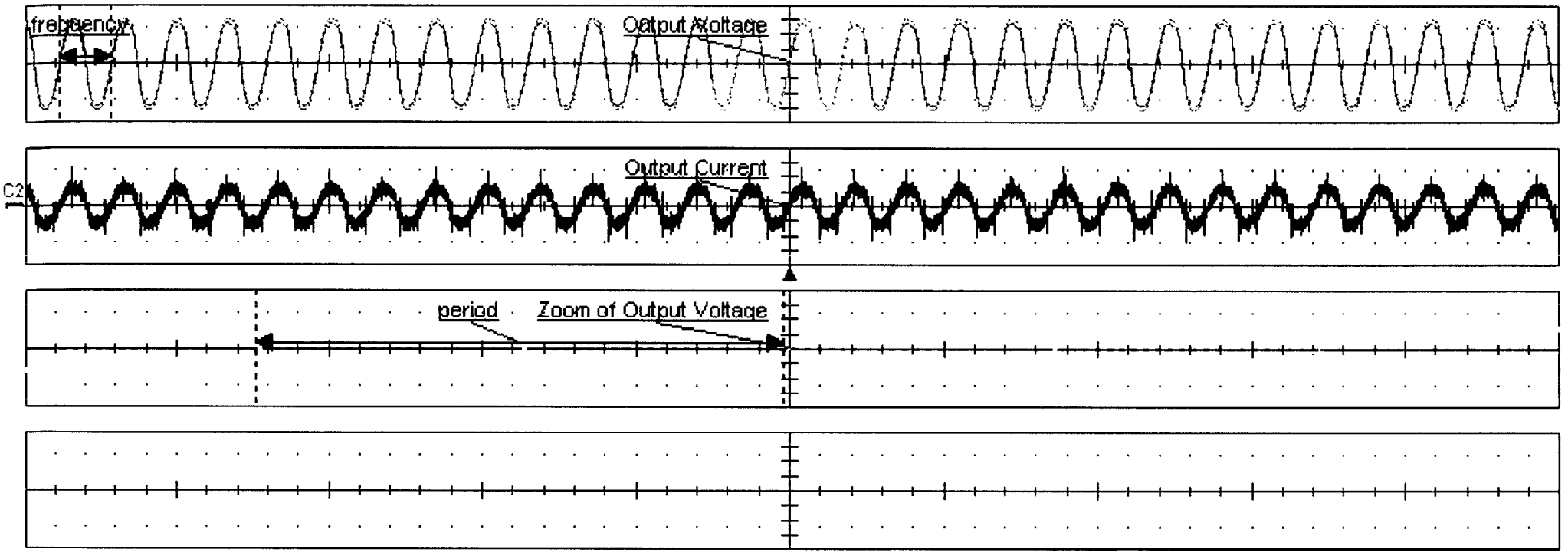


Measure	P1:pkpk(C1)	P2:rms(C1)	P3:pkpk(C2)	P4:rms(C2)	P5:freq(C1)	P6:period(F1)
value	6.50 V	2.214 V	26.1 mV	4.55 mV	58.5059 kHz	17.07111 µs
mean	6.5141 V	2.21182 V	25.890 mV	4.5516 mV	58.507 kHz	17.0931470 µs
min	6.45 V	2.207 V	23.9 mV	4.52 mV	57.8 kHz	16.99826 µs
max	6.58 V	2.215 V	28.5 mV	4.58 mV	59.3 kHz	17.19863 µs
sdev	31.0 mV	1.46 mV	955 µV	10.3 µV	107 Hz	28.8263 ns
num	205	205	205	205	5.740e+3	410
status	✔	✔	✔	✔	✔	✔
histo						

C1		F1 zoom(C1)	Timebase 0 µs	Trigger C1
1.00 V/div	5.00 mV/div	1.00 V/div	50.0 µs/div	Stop 0.00 V
0 mV offset	0.00 mV ofst	4.95 µs/div	100 kS 200 MS/s	Edge Positive

0722

1



Measure	P1:pkpk(C1)	P2:rms(C1)	P3:pkpk(C2)	P4:rms(C2)	P5:freq(C1)	P6:period(F1)
value	6.19 V	2.238 V	25.2 mV	4.62 mV	58.7952 kHz	17.03574 µs
mean	6.1515 V	2.21055 V	25.759 mV	4.5536 mV	58.744 kHz	17.0221737 µs
min	2.74 V	858 mV	19.0 mV	1.91 mV	58.0 kHz	16.92000 µs
max	6.32 V	2.239 V	28.3 mV	4.63 mV	59.3 kHz	17.24500 µs
sdev	385.9 mV	158.10 mV	1.135 mV	308.8 µV	74 Hz	22.7707 ns
num	256	256	256	256	7.168e+3	512
status	✔	✔	✔	✔	✔	✔

histo

C1	5.00 mV/div	F1 zoom(C1)	Timebase 0 µs	Trigger C1
1.00 V/div	0.00 mV ofst	1.00 V/div	50.0 µs/div	Stop 0.00 V
0 mV offset		1.95 µs/div	100 kS 200 MS/s	Edge Positive

0723

2

Section 3 Var Bat Volt SP2
005602

	P1	P2	P3	P4	P5	P6	9:41:15 22.1C	35%
	pkpk(C1)	rms(C1)	pkpk(C2)	rms(C2)	freq(C1)	period(F1)		
Value	7.071136	2.401427	0.023202	0.004868	60440.42	1.66E-05		
Mean	7.119083	2.401486	0.023342	0.004886	60314.51	1.66E-05		
Max	7.203719	2.411636	0.02497	0.004934	60732.95	1.67E-05		
Min	7.071136	2.387026	0.020992	0.004847	59761.81	1.65E-05		
Num	212	212	212	212	6357	424		
St Dev	0.03467	0.004333	0.000738	1.35E-05	154.5736	4.18E-08		

1.12V

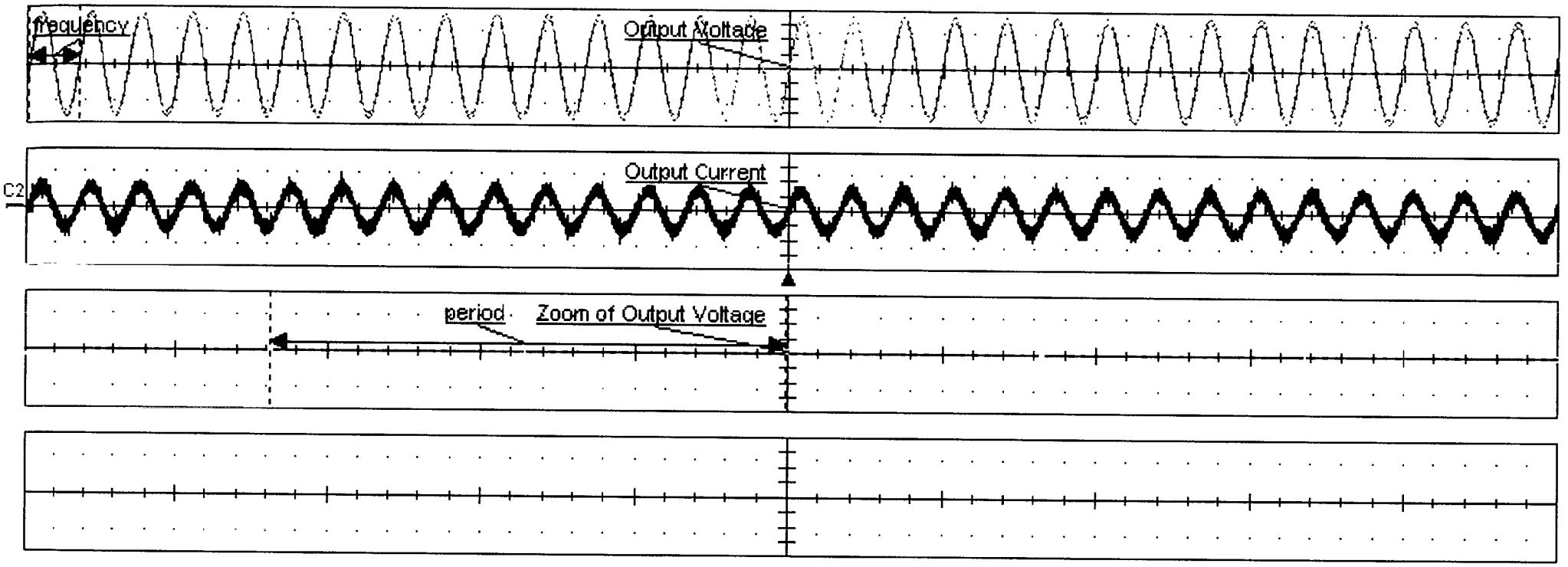
	P1	P2	P3	P4	P5	P6	9:44:40
	pkpk(C1)	rms(C1)	pkpk(C2)	rms(C2)	freq(C1)	period(F1)	
Value	7.11533	2.407297	0.02276	0.004893	60339.05	1.66E-05	
Mean	7.159738	2.406787	0.023276	0.004895	60293.25	1.66E-05	
Max	7.292109	2.41168	0.026296	0.004933	60766.04	1.67E-05	
Min	7.071136	2.391551	0.021655	0.004845	59710.4	1.65E-05	
Num	207	207	207	207	6210	414	
St Dev	0.039457	0.005714	0.000777	1.66E-05	170.5465	4.77E-08	

1.12V

Value
Mean
Max
Min
Num
St Dev

Value
Mean
Max
Min
Num
St Dev

Value
Mean
Max
Min
Num
St Dev



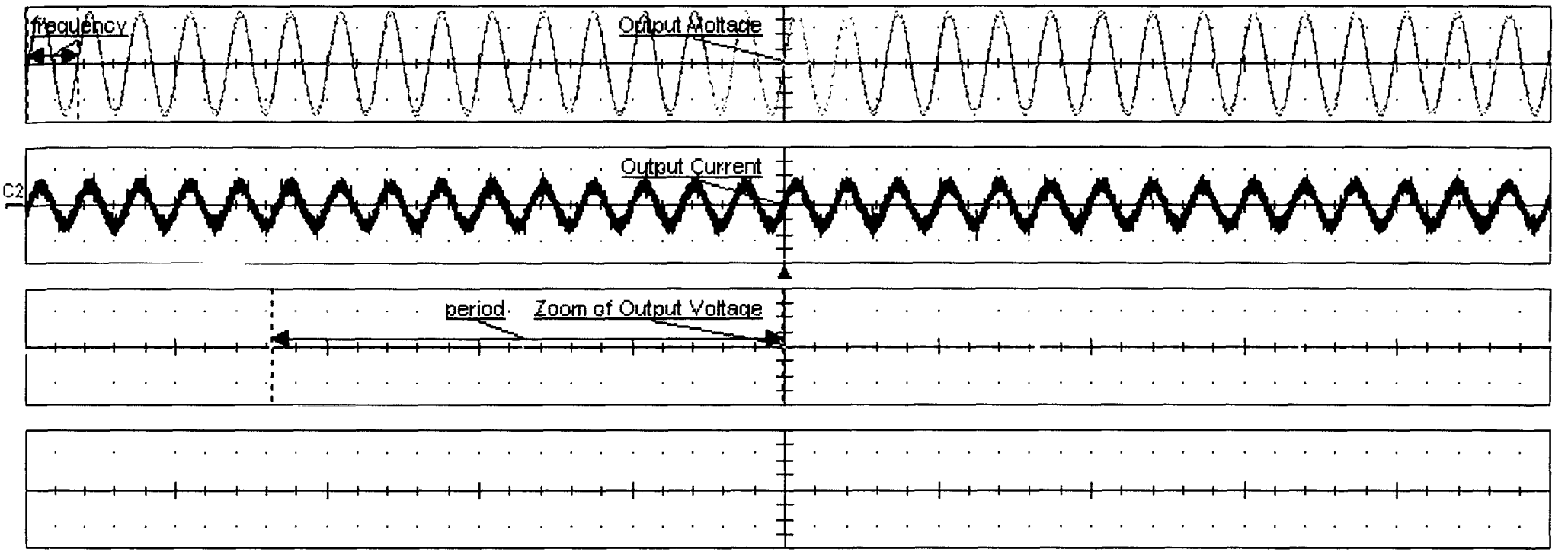
Measure	P1:pkpk(C1)	P2:rms(C1)	P3:pkpk(C2)	P4:rms(C2)	P5:freq(C1)	P6:period(F1)
value	7.07 V	2.401 V	23.2 mV	4.87 mV	60.4411 kHz	16.63138 µs
mean	7.1191 V	2.40149 V	23.342 mV	4.8859 mV	60.315 kHz	16.5815005 µs
min	7.07 V	2.387 V	21.0 mV	4.85 mV	59.8 kHz	16.47963 µs
max	7.20 V	2.412 V	25.0 mV	4.93 mV	60.7 kHz	16.69807 µs
sdev	34.7 mV	4.33 mV	738 µV	13.5 µV	155 Hz	41.7930 ns
num	212	212	212	212	6.357e+3	424
status	✔	✔	✔	✔	✔	✔

histo

C1 1.00 V/div 0 mV offset | 5.00 mV/div 0.00 mV ofst | F1 zoom(C1) 1.00 V/div 4.95 µs/div | Timebase 0 µs 50.0 µs/div 100 kS 200 MS/s | Trigger C1 Stop 0.00 V Edge Positive

0725

1



Measure	P1:pkpk(C1)	P2:rms(C1)	P3:pkpk(C2)	P4:rms(C2)	P5:freq(C1)	P6:period(F1)
value	7.12 V	2.407 V	22.8 mV	4.89 mV	60.3370 kHz	16.63281 µs
mean	7.1597 V	2.40679 V	23.276 mV	4.8947 mV	60.293 kHz	16.5876051 µs
min	7.07 V	2.392 V	21.7 mV	4.85 mV	59.7 kHz	16.46396 µs
max	7.29 V	2.412 V	26.3 mV	4.93 mV	60.8 kHz	16.74486 µs
sdev	39.5 mV	5.71 mV	777 µV	16.6 µV	171 Hz	47.6554 ns
num	207	207	207	207	6.210e+3	414
status	✔	✔	✔	✔	✔	✔

histo

2

0726

Section 3 VarBatVolt Sp20150625

	P1	P2	P3	P4	P5	P6	9:27:43 23.6C	43%
	pkpk(C1)	rms(C1)	pkpk(C2)	rms(C2)	freq(C1)	period(F1)		
Value	7.11533	2.399769	0.024307	0.004885	60588.83	1.65E-05		
Mean	7.096952	2.398774	0.024636	0.004876	60539.65	1.65E-05		
Max	7.203719	2.410362	0.026738	0.004909	60976.71	1.66E-05		
Min	6.982746	2.368145	0.022539	0.004807	60257.15	1.64E-05		
Num	202	202	202	202	6060	404		
St Dev	0.033356	0.00796	0.00082	1.95E-05	90.94765	2.55E-08		

1.11V

	P1	P2	P3	P4	P5	P6	9:30:28
	pkpk(C1)	rms(C1)	pkpk(C2)	rms(C2)	freq(C1)	period(F1)	
Value	7.11533	2.3797	0.025854	0.004835	60623.66	1.65E-05	
Mean	7.080272	2.379835	0.024545	0.004834	60526.98	1.65E-05	
Max	7.203719	2.38334	0.026296	0.004855	61008.89	1.66E-05	
Min	7.026941	2.377522	0.02276	0.004811	60238.61	1.64E-05	
Num	208	208	208	208	6240	416	
St Dev	0.02941	0.001013	0.000685	8.02E-06	119.9501	3.35E-08	

1.11V

Value
Mean
Max
Min
Num
St Dev

Value
Mean
Max
Min
Num
St Dev

Value
Mean
Max
Min
Num
St Dev