EXHIBIT L – AC Powerline Conducted Emissions

FCC ID# M4D0318

NORTHWEST
EMC

Radiated and Conducted Emissions

Rev 4.10
07/06/01

EUT:	LCS1 Rev. B			Work Order:	CARD0032
Serial Number:				Date:	09/21/01
Customer:	Cardio Theatre			Temperature:	22
Attendees:	N/A	Tester:	Rod Peloquin	Humidity:	42%
Customer Ref. No.:	N/A	Power:	120 V, 60 Hz	Job Site:	EV01

TEST SPECIFICATIONS

Specification:	FCC Class B	Year:	2000	Method:	ANSI C63.4	Year:	1992

SAMPLE CALCULATIONS

Radiated Emissions: Field Strength = Measured Level + Antenna Factor + Cable Attenuation Factor - Amplifier Gain

Conducted Emissions: Adjusted Level = Measured Level + Transducer Factor + Cable Attenuation Factor + External Attenuator

COMMENTS

Low frequency, 120VAC/60Hz

EUT OPERATING MODES

See Comments

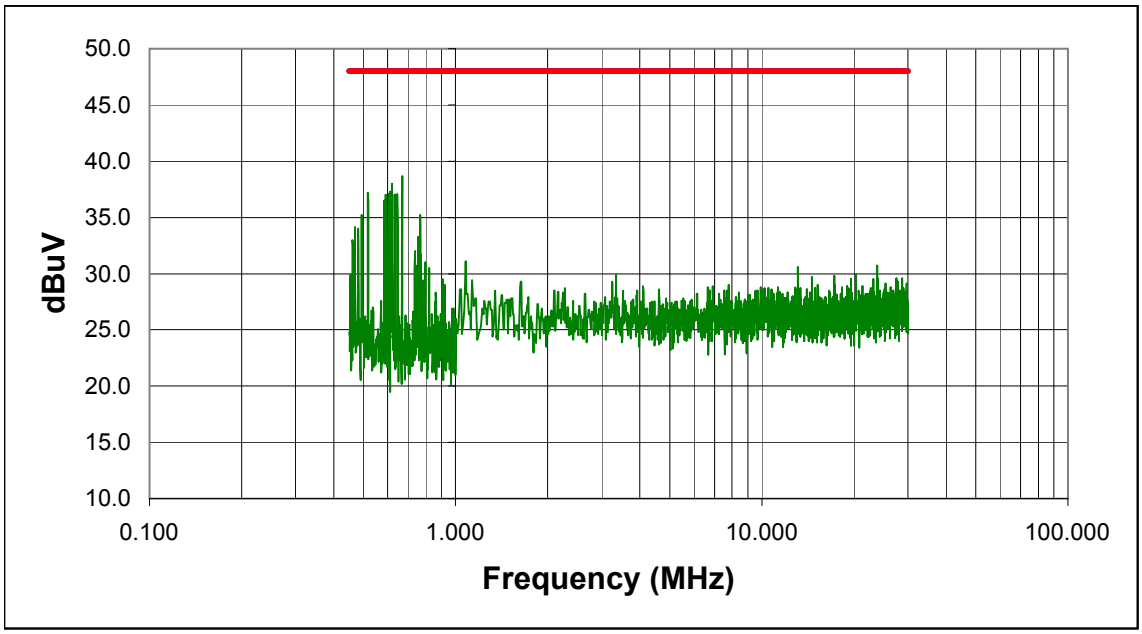
DEVIATIONS FROM TEST STANDARD

None

RESULTS	DISTANCE (m)	LINE	RUN
PASS	N/A	High Line	Run #10

OTHER

Tested By



Frequency (MHz)	Meter Reading (dBuV)	Detector	Correction Factor (dB)	Adjusted Level (dBuV)	Specification Limit (dBuV)	Margin (dB)
0.668	18.7	Peak	20.0	38.7	48.0	-9.3
0.620	18.0	Peak	20.0	38.0	48.0	-10.0
0.612	17.3	Peak	20.0	37.3	48.0	-10.7
0.517	17.2	Peak	20.0	37.2	48.0	-10.8
0.605	17.1	Peak	20.0	37.1	48.0	-10.9
0.645	17.1	Peak	20.0	37.1	48.0	-10.9
0.592	17.0	Peak	20.0	37.0	48.0	-11.0
0.632	17.0	Peak	20.0	37.0	48.0	-11.0
0.585	16.5	Peak	20.0	36.5	48.0	-11.5
0.767	15.2	Peak	20.0	35.2	48.0	-12.8
0.494	15.2	Peak	20.0	35.2	48.0	-12.8
0.493	15.2	Peak	20.0	35.2	48.0	-12.8
0.469	14.1	Peak	20.0	34.1	48.0	-13.9
0.481	14.0	Peak	20.0	34.0	48.0	-14.0
0.755	13.3	Peak	20.0	33.3	48.0	-14.7
0.617	13.3	Peak	20.0	33.3	48.0	-14.7
0.461	13.0	Peak	20.0	33.0	48.0	-15.0
0.736	12.0	Peak	20.0	32.0	48.0	-16.0
0.771	11.7	Peak	20.0	31.7	48.0	-16.3
1.077	10.6	Peak	20.5	31.1	48.0	-16.9

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Radiated and Conducted Emissions

Rev 4.10
07/06/01

EUT:	LCS1 Rev. B			Work Order:	CARD0032
Serial Number:				Date:	09/21/01
Customer:	Cardio Theatre			Temperature:	22
Attendees:	N/A	Tester:	Rod Peloquin	Humidity:	42%
Customer Ref. No.:	N/A	Power:	120 V, 60 Hz	Job Site:	EV01

TEST SPECIFICATIONS

Specification:	FCC Class B	Year:	2000	Method:	ANSI C63.4	Year:	1992

SAMPLE CALCULATIONS

Radiated Emissions: Field Strength = Measured Level + Antenna Factor + Cable Attenuation Factor - Amplifier Gain

Conducted Emissions: Adjusted Level = Measured Level + Transducer Factor + Cable Attenuation Factor + External Attenuator

COMMENTS

Low frequency, 120VAC/60Hz

EUT OPERATING MODES

See Comments

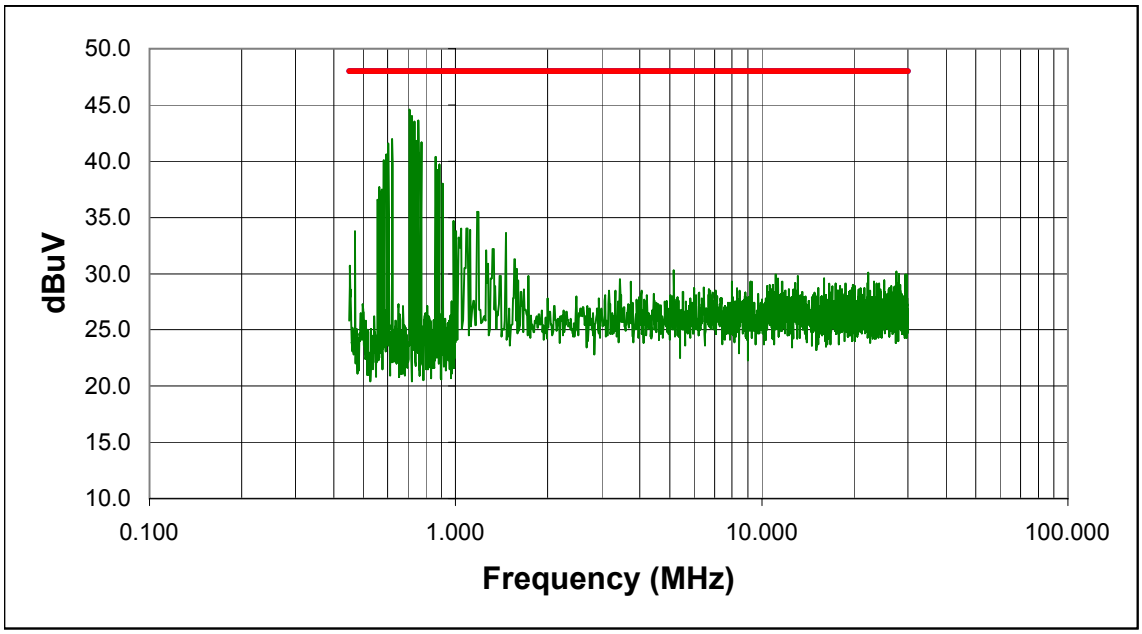
DEVIATIONS FROM TEST STANDARD

None

RESULTS	DISTANCE (m)	LINE	RUN
PASS	N/A	Low Line	Run #11

OTHER

Tested By



Frequency (MHz)	Meter Reading (dBuV)	Detector	Correction Factor (dB)	Adjusted Level (dBuV)	Specification Limit (dBuV)	Margin (dB)
0.707	24.6	Peak	20.0	44.6	48.0	-3.4
0.721	24.0	Peak	20.0	44.0	48.0	-4.0
0.756	23.6	Peak	20.0	43.6	48.0	-4.4
0.734	23.5	Peak	20.0	43.5	48.0	-4.5
0.621	22.0	Peak	20.0	42.0	48.0	-6.0
0.733	21.9	Peak	20.0	41.9	48.0	-6.1
0.745	21.8	Peak	20.0	41.8	48.0	-6.2
0.772	21.7	Peak	20.0	41.7	48.0	-6.3
0.603	21.6	Peak	20.0	41.6	48.0	-6.4
0.754	20.8	Peak	20.0	40.8	48.0	-7.2
0.595	20.6	Peak	20.0	40.6	48.0	-7.4
0.859	20.4	Peak	20.0	40.4	48.0	-7.6
0.581	20.1	Peak	20.0	40.1	48.0	-7.9
0.724	19.8	Peak	20.0	39.8	48.0	-8.2
0.885	19.7	Peak	20.0	39.7	48.0	-8.3
0.872	19.2	Peak	20.0	39.2	48.0	-8.8
0.715	19.0	Peak	20.0	39.0	48.0	-9.0
0.907	18.0	Peak	20.0	38.0	48.0	-10.0
0.564	17.7	Peak	20.0	37.7	48.0	-10.3
0.573	17.5	Peak	20.0	37.5	48.0	-10.5

NORTHWEST
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Radiated and Conducted Emissions

Rev 4.10
07/06/01

EUT:	LCS1 Rev. B			Work Order:	CARD0032
Serial Number:				Date:	09/21/01
Customer:	Cardio Theatre			Temperature:	22
Attendees:	N/A	Tester:	Rod Peloquin	Humidity:	42%
Customer Ref. No.:	N/A	Power:	120 V, 60 Hz	Job Site:	EV01

TEST SPECIFICATIONS

Specification:	FCC Class B	Year:	2000	Method:	ANSI C63.4	Year:	1992

SAMPLE CALCULATIONS

Radiated Emissions: Field Strength = Measured Level + Antenna Factor + Cable Attenuation Factor - Amplifier Gain

Conducted Emissions: Adjusted Level = Measured Level + Transducer Factor + Cable Attenuation Factor + External Attenuator

COMMENTS

Mid frequency, 120VAC/60Hz

EUT OPERATING MODES

See Comments

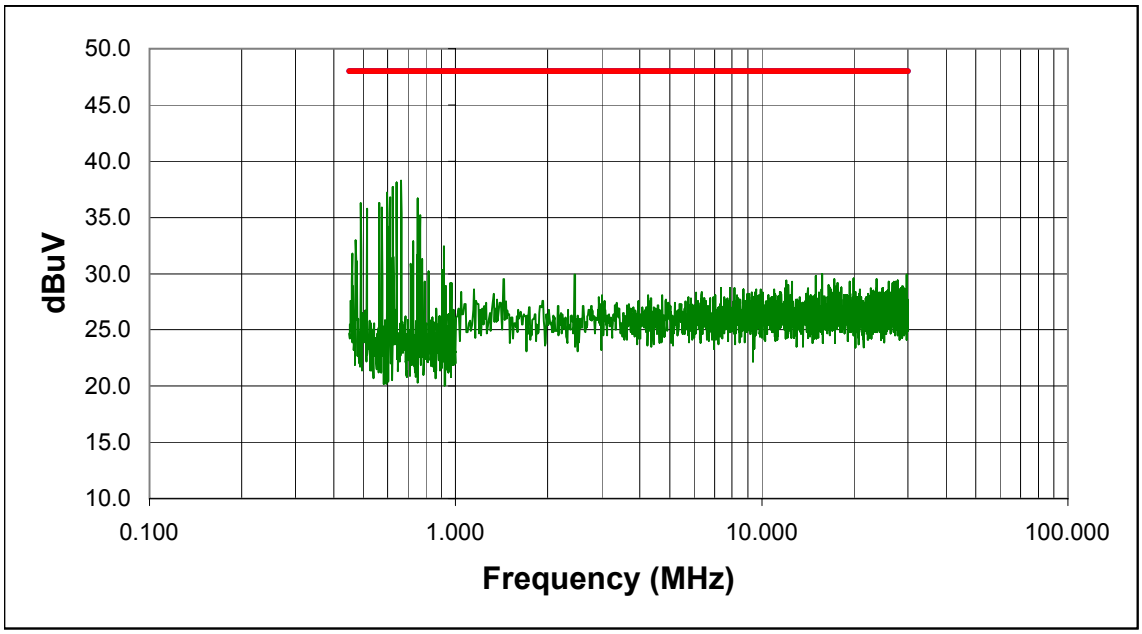
DEVIATIONS FROM TEST STANDARD

None

RESULTS	DISTANCE (m)	LINE	RUN
PASS	N/A	High Line	Run #12

OTHER

Tested By



Frequency (MHz)	Meter Reading (dBuV)	Detector	Correction Factor (dB)	Adjusted Level (dBuV)	Specification Limit (dBuV)	Margin (dB)
0.664	18.3	Peak	20.0	38.3	48.0	-9.7
0.641	18.1	Peak	20.0	38.1	48.0	-9.9
0.623	17.7	Peak	20.0	37.7	48.0	-10.3
0.597	17.2	Peak	20.0	37.2	48.0	-10.8
0.610	16.8	Peak	20.0	36.8	48.0	-11.2
0.751	16.7	Peak	20.0	36.7	48.0	-11.3
0.490	16.3	Peak	20.0	36.3	48.0	-11.7
0.563	16.3	Peak	20.0	36.3	48.0	-11.7
0.575	15.9	Peak	20.0	35.9	48.0	-12.1
0.513	15.8	Peak	20.0	35.8	48.0	-12.2
0.765	15.2	Peak	20.0	35.2	48.0	-12.8
0.600	14.2	Peak	20.0	34.2	48.0	-13.8
0.472	13.0	Peak	20.0	33.0	48.0	-15.0
0.726	12.9	Peak	20.0	32.9	48.0	-15.1
0.916	12.4	Peak	20.0	32.4	48.0	-15.6
0.459	11.8	Peak	20.0	31.8	48.0	-16.2
0.748	11.6	Peak	20.0	31.6	48.0	-16.4
0.627	11.5	Peak	20.0	31.5	48.0	-16.5
0.613	11.4	Peak	20.0	31.4	48.0	-16.6
0.778	11.3	Peak	20.0	31.3	48.0	-16.7

NORTHWEST
EMC

Radiated and Conducted Emissions

Rev 4.10
07/06/01

EUT:	LCS1 Rev. B			Work Order:	CARD0032
Serial Number:				Date:	09/21/01
Customer:	Cardio Theatre			Temperature:	22
Attendees:	N/A	Tester:	Rod Peloquin	Humidity:	42%
Customer Ref. No.:	N/A	Power:	120 V, 60 Hz	Job Site:	EV01

TEST SPECIFICATIONS

Specification:	FCC Class B	Year:	2000	Method:	ANSI C63.4	Year:	1992

SAMPLE CALCULATIONS

Radiated Emissions: Field Strength = Measured Level + Antenna Factor + Cable Attenuation Factor - Amplifier Gain

Conducted Emissions: Adjusted Level = Measured Level + Transducer Factor + Cable Attenuation Factor + External Attenuator

COMMENTS

Mid frequency, 120VAC/60Hz

EUT OPERATING MODES

See Comments

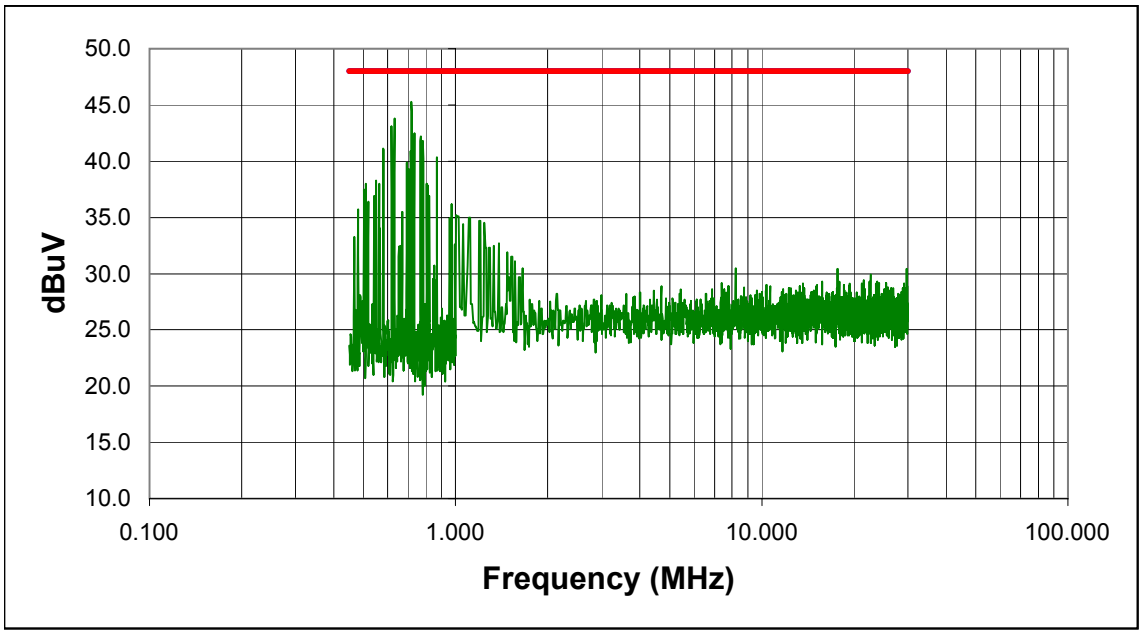
DEVIATIONS FROM TEST STANDARD

None

RESULTS	DISTANCE (m)	LINE	RUN
PASS	N/A	Low Line	Run #13

OTHER

Tested By



Frequency (MHz)	Meter Reading (dBuV)	Detector	Correction Factor (dB)	Adjusted Level (dBuV)	Specification Limit (dBuV)	Margin (dB)
0.717	25.3	Peak	20.0	45.3	48.0	-2.7
0.631	23.8	Peak	20.0	43.8	48.0	-4.2
0.618	23.1	Peak	20.0	43.1	48.0	-4.9
0.732	22.5	Peak	20.0	42.5	48.0	-5.5
0.769	22.2	Peak	20.0	42.2	48.0	-5.8
0.782	21.8	Peak	20.0	41.8	48.0	-6.2
0.580	21.1	Peak	20.0	41.1	48.0	-6.9
0.713	20.9	Peak	20.0	40.9	48.0	-7.1
0.869	20.3	Peak	20.0	40.3	48.0	-7.7
0.692	19.9	Peak	20.0	39.9	48.0	-8.1
0.700	19.3	Peak	20.0	39.3	48.0	-8.7
0.550	18.3	Peak	20.0	38.3	48.0	-9.7
0.562	18.0	Peak	20.0	38.0	48.0	-10.0
0.804	18.0	Peak	20.0	38.0	48.0	-10.0
0.509	18.0	Peak	20.0	38.0	48.0	-10.0
0.812	17.8	Peak	20.0	37.8	48.0	-10.2
0.502	17.5	Peak	20.0	37.5	48.0	-10.5
0.820	16.9	Peak	20.0	36.9	48.0	-11.1
0.541	16.9	Peak	20.0	36.9	48.0	-11.1
0.518	16.4	Peak	20.0	36.4	48.0	-11.6

NORTHWEST
EMC

Radiated and Conducted Emissions

Rev 4.10
07/06/01

EUT:	LCS1 Rev. B			Work Order:	CARD0032
Serial Number:				Date:	09/21/01
Customer:	Cardio Theatre			Temperature:	22
Attendees:	N/A	Tester:	Rod Peloquin	Humidity:	42%
Customer Ref. No.:	N/A	Power:	120 V, 60 Hz	Job Site:	EV01

TEST SPECIFICATIONS

Specification:	FCC Class B	Year:	2000	Method:	ANSI C63.4	Year:	1992

SAMPLE CALCULATIONS

Radiated Emissions: Field Strength = Measured Level + Antenna Factor + Cable Attenuation Factor - Amplifier Gain

Conducted Emissions: Adjusted Level = Measured Level + Transducer Factor + Cable Attenuation Factor + External Attenuator

COMMENTS

High frequency, 120VAC/60Hz

EUT OPERATING MODES

See Comments

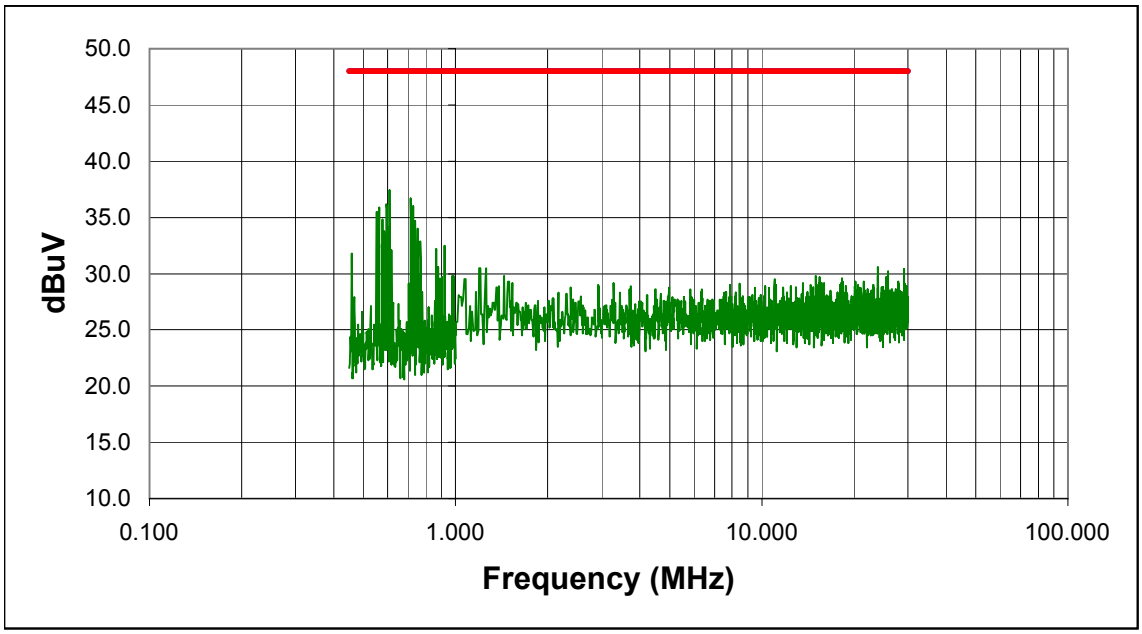
DEVIATIONS FROM TEST STANDARD

None

RESULTS	DISTANCE (m)	LINE	RUN
PASS	N/A	High Line	Run #14

OTHER

Tested By



Frequency (MHz)	Meter Reading (dBuV)	Detector	Correction Factor (dB)	Adjusted Level (dBuV)	Specification Limit (dBuV)	Margin (dB)
0.608	17.4	Peak	20.0	37.4	48.0	-10.6
0.713	16.7	Peak	20.0	36.7	48.0	-11.3
0.595	16.2	Peak	20.0	36.2	48.0	-11.8
0.726	16.0	Peak	20.0	36.0	48.0	-12.0
0.562	15.9	Peak	20.0	35.9	48.0	-12.1
0.552	15.5	Peak	20.0	35.5	48.0	-12.5
0.577	14.8	Peak	20.0	34.8	48.0	-13.2
0.738	14.7	Peak	20.0	34.7	48.0	-13.3
0.559	14.7	Peak	20.0	34.7	48.0	-13.3
0.599	14.2	Peak	20.0	34.2	48.0	-13.8
0.750	14.0	Peak	20.0	34.0	48.0	-14.0
0.586	13.8	Peak	20.0	33.8	48.0	-14.2
0.768	12.9	Peak	20.0	32.9	48.0	-15.1
0.574	12.6	Peak	20.0	32.6	48.0	-15.4
0.919	12.5	Peak	20.0	32.5	48.0	-15.5
0.746	12.5	Peak	20.0	32.5	48.0	-15.5
0.865	12.2	Peak	20.0	32.2	48.0	-15.8
0.865	12.2	Peak	20.0	32.2	48.0	-15.8
0.617	12.1	Peak	20.0	32.1	48.0	-15.9
0.457	11.8	Peak	20.0	31.8	48.0	-16.2

NORTHWEST
EMC

Radiated and Conducted Emissions

Rev 4.10
07/06/01

EUT:	LCS1 Rev. B			Work Order:	CARD0032
Serial Number:				Date:	09/21/01
Customer:	Cardio Theatre			Temperature:	22
Attendees:	N/A	Tester:	Rod Peloquin	Humidity:	42%
Customer Ref. No.:	N/A	Power:	120 V, 60 Hz	Job Site:	EV01

TEST SPECIFICATIONS

Specification:	FCC Class B	Year:	2000	Method:	ANSI C63.4	Year:	1992

SAMPLE CALCULATIONS

Radiated Emissions: Field Strength = Measured Level + Antenna Factor + Cable Attenuation Factor - Amplifier Gain

Conducted Emissions: Adjusted Level = Measured Level + Transducer Factor + Cable Attenuation Factor + External Attenuator

COMMENTS

High frequency, 120VAC/60Hz

EUT OPERATING MODES

See Comments

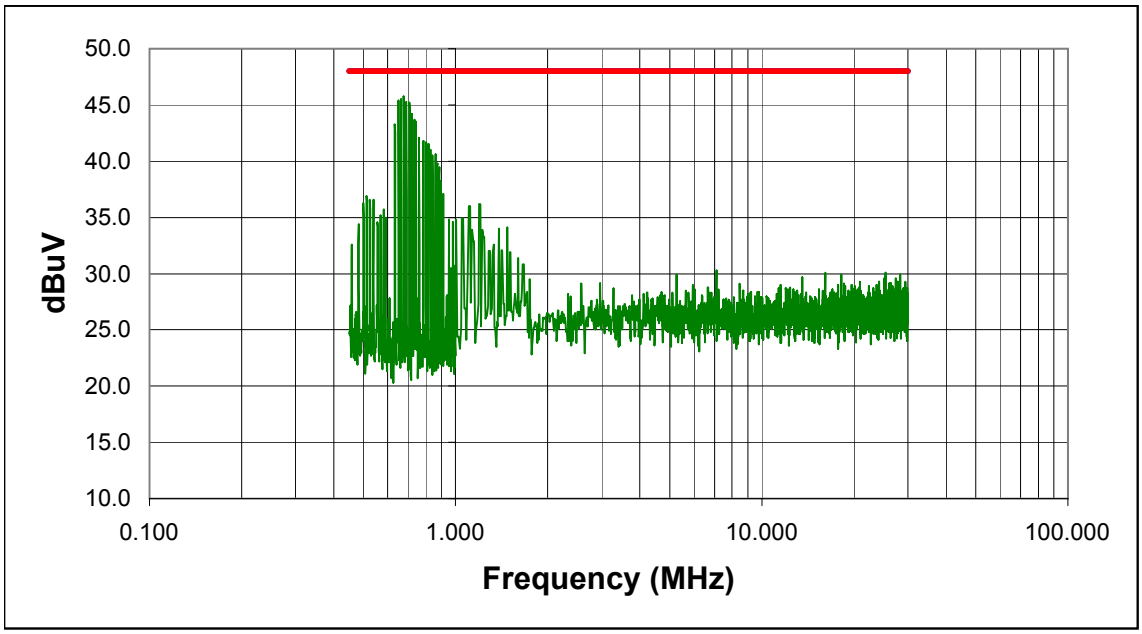
DEVIATIONS FROM TEST STANDARD

None

RESULTS	DISTANCE (m)	LINE	RUN
PASS	N/A	Low Line	Run #15

OTHER

Tested By



Frequency (MHz)	Meter Reading (dBuV)	Detector	Correction Factor (dB)	Adjusted Level (dBuV)	Specification Limit (dBuV)	Margin (dB)
0.677	25.8	Peak	20.0	45.8	48.0	-2.2
0.663	25.5	Peak	20.0	45.5	48.0	-2.5
0.651	25.4	Peak	20.0	45.4	48.0	-2.6
0.690	25.3	Peak	20.0	45.3	48.0	-2.7
0.707	25.2	Peak	20.0	45.2	48.0	-2.8
0.719	24.2	Peak	20.0	44.2	48.0	-3.8
0.733	23.7	Peak	20.0	43.7	48.0	-4.3
0.741	23.5	Peak	20.0	43.5	48.0	-4.5
0.633	23.3	Peak	20.0	43.3	48.0	-4.7
0.760	22.1	Peak	20.0	42.1	48.0	-5.9
0.784	21.8	Peak	20.0	41.8	48.0	-6.2
0.802	21.7	Peak	20.0	41.7	48.0	-6.3
0.815	21.5	Peak	20.0	41.5	48.0	-6.5
0.828	21.0	Peak	20.0	41.0	48.0	-7.0
0.859	20.6	Peak	20.0	40.6	48.0	-7.4
0.840	20.5	Peak	20.0	40.5	48.0	-7.5
0.871	19.8	Peak	20.0	39.8	48.0	-8.2
0.884	19.5	Peak	20.0	39.5	48.0	-8.5
0.892	18.2	Peak	20.0	38.2	48.0	-9.8
0.893	18.2	Peak	20.0	38.2	48.0	-9.8