

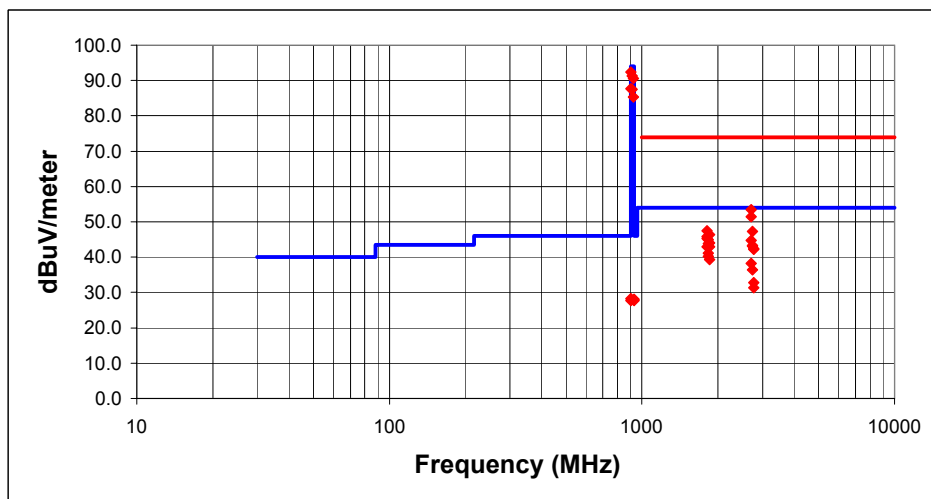
EXHIBIT M – Radiated Spurious Emissions

FCC ID# M4D0318

NORTHWEST

EMC**Radiated and Conducted Emissions**Rev 4.10
07/08/01

EUT: LCS1 Rev B		Work Order: CARD0032	
Serial Number:		Date: 09/21/01	
Customer: Cardio Theater		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: 47 CFR 15.249 Class B	Year: Most Recent	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			
EUT with Tape in			
EUT OPERATING MODES			
See Comments			
DEVIATIONS FROM TEST STANDARD			
None			
RESULTS		DISTANCE (m)	LINE
PASS		3	
OTHER		 Tested By	



Frequency (MHz)	Meter Reading (dBuV)	Detector	Antenna Factor (dB/m)	Antenna Polarity	Preamplifier Gain (dB)	Cable Loss (dB)	Table Azimuth (degrees)	Antenna Height (meters)	Adjusted Level (dBuV/m)	Spec. Limit (dBuV/m)	Margin (dB)	Comment
903.618	67.4	QP	23.3	VBGL	0.0	1.7	348.0	1.2	92.4	94.0	-1.6	Low frequency
2710.850	51.2	AV	31.1	VHRN	33.9	3.0	181.0	1.1	51.4	54.0	-2.6	Low frequency
915.022	66.2	QP	23.4	VBGL	0.0	1.7	176.0	1.3	91.3	94.0	-2.7	Mid frequency
926.214	65.4	QP	23.5	VBGL	0.0	1.7	270.0	1.2	90.6	94.0	-3.4	High frequency
903.618	62.7	QP	23.3	HBLG	0.0	1.7	60.0	1.0	87.7	94.0	-6.3	Low frequency
915.014	62.3	QP	23.4	HBLG	0.0	1.7	60.0	1.0	87.4	94.0	-6.6	Mid frequency
926.217	60.2	QP	23.5	HBLG	0.0	1.7	58.0	1.1	85.4	94.0	-8.6	High frequency
1807.200	48.8	AV	28.3	VHRN	34.1	2.3	162.0	1.7	45.3	54.0	-8.8	Low frequency
2745.000	42.9	AV	31.2	VHRN	33.9	3.0	172.0	1.1	43.2	54.0	-10.8	Mid frequency
1807.200	46.5	AV	28.3	HHRN	34.1	2.3	201.0	1.4	43.0	54.0	-11.0	Low frequency
1852.400	46.2	AV	28.5	VHRN	34.1	2.4	196.0	1.0	43.0	54.0	-11.0	High frequency
1830.000	44.5	AV	28.4	VHRN	34.1	2.4	194.0	1.0	41.2	54.0	-12.8	Mid frequency
1830.000	43.6	AV	28.4	HHRN	34.1	2.4	198.0	1.3	40.3	54.0	-13.7	Mid frequency
1852.400	42.6	AV	28.5	HHRN	34.1	2.4	197.0	1.3	39.4	54.0	-14.6	High frequency
2710.850	38.0	AV	31.1	HHRN	33.9	3.0	179.0	1.7	38.2	54.0	-15.9	Low frequency
2745.000	36.1	AV	31.2	HHRN	33.9	3.0	215.0	1.2	36.4	54.0	-17.6	Mid frequency
902.000	33.8	QP	23.3	VBGL	30.6	1.7	353.0	1.2	28.2	46.0	-17.8	Band Edge, Low frequency
928.100	33.6	QP	23.5	VBGL	30.6	1.7	270.0	1.2	28.2	46.0	-17.9	Band Edge, High frequency
928.001	33.1	QP	23.5	HBLG	30.6	1.7	57.0	1.1	27.7	46.0	-18.3	Band Edge, High frequency
902.000	33.2	QP	23.3	HBLG	30.6	1.7	58.0	1.0	27.6	46.0	-18.4	Band Edge, Low frequency
2710.850	53.2	PK	31.1	VHRN	33.9	3.0	181.0	1.1	53.4	74.0	-20.6	Low frequency
2778.600	32.3	AV	31.3	VHRN	33.9	3.1	174.0	1.3	32.8	54.0	-21.2	High frequency
2778.600	30.8	AV	31.3	HHRN	33.9	3.1	144.0	1.4	31.3	54.0	-22.7	High frequency
1807.200	51.0	PK	28.3	VHRN	34.1	2.3	162.0	1.7	47.5	74.0	-26.5	Low frequency
2745.000	47.0	PK	31.2	VHRN	33.9	3.0	172.0	1.1	47.3	74.0	-26.8	Mid frequency
1852.400	49.6	PK	28.5	VHRN	34.1	2.4	196.0	1.0	46.4	74.0	-27.6	High frequency
1807.200	49.3	PK	28.3	HHRN	34.1	2.3	201.0	1.4	45.8	74.0	-28.3	Low frequency
1830.000	48.2	PK	28.4	VHRN	34.1	2.4	194.0	1.0	44.9	74.0	-29.2	Mid frequency
2710.850	44.6	PK	31.1	HHRN	33.9	3.0	179.0	1.7	44.8	74.0	-29.2	Low frequency
1852.400	47.2	PK	28.5	HHRN	34.1	2.4	197.0	1.3	44.0	74.0	-30.0	High frequency
1830.000	47.2	PK	28.4	HHRN	34.1	2.4	198.0	1.3	43.9	74.0	-30.1	Mid frequency
2745.000	43.0	PK	31.2	HHRN	33.9	3.0	215.0	1.2	43.3	74.0	-30.8	Mid frequency
2778.600	41.9	PK	31.3	VHRN	33.9	3.1	174.0	1.3	42.4	74.0	-31.7	High frequency
2778.600	41.7	PK	31.3	HHRN	33.9	3.1	144.0	1.4	42.2	74.0	-31.8	High frequency