Client:	GE MDS LLC	Job Number:	J71687
Model:	LCT450	T-Log Number:	T71884
		Account Manager:	Susan Pelzl
Contact:	Dennis McCarthy		
Standard:	RSS 119, FCC Part 90 and 15	Class:	N/A

Maximum Permissible Exposure

Test Specific Details

Objective: The objective of this test session is to perform final qualification testing of the EUT with respect to the specification listed above.

Date of Test: 6/5/2008

Test Engineer: Mehran Birgani

General Test Configuration

Calculation uses the free space transmission formula:

$$S = (PG)/(4 \pi d^2)$$

Where: S is power density (W/m^2), P is output power (W), G is antenna gain relative to isotropic, d is separation distance from the transmitting antenna (m).

Summary of Results

Device complies with Power Density requirements at 20cm separation:	No
Required separation distance for 9dBi ant. (in m):	2.53

Modifications Made During Testing

No modifications were made to the EUT during testing

Deviations From The Standard

No deviations were made from the requirements of the standard.

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Use: General

Freq. MHz	EUT Power dBm	EUT Power mW*	Cable Loss dB	Ant Gain dBi	Power at Ant dBm	EIRP mW	Power Density (S) at 20 cm mW/cm^2	MPE Limit at 20 cm mW/cm^2
450	44.8	30199.5	0	9	44.8	239883.29	47.723	0.300
481	45.1	32359.4	0	9	45.1	257039.58	51.136	0.321
512	44.8	30199.5	0	9	44.8	239883.29	47.723	0.341

For the cases where S > the MPE Limit

Freq. MHz	Power Density (S) at 20 cm mW/cm^2	MPE Limit at 20 cm mW/cm^2	Distance where S <= MPE Limit cm
450	47.723	0.300	252.3
481	51.136	0.321	252.6
512	47.723	0.341	236.5