Client:	GE MDS LLC	Job Number:	J81584
Model:	SD1	T-Log Number:	T81609
		Account Manager:	Susan Pelzl
Contact:	Dennis McCarthy		
Standard:	FCC Parts 15 & 90, RSS-GEN and RSS-119	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: 1/5/2011

Test Engineer: John Caizzi

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
If not, required separation distance (in m):	1.8

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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Standard:	FCC Parts 15 & 90, RSS-GEN and RSS-119	Class:	N/A

Use: General
Antenna:

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
150	37.0	4965.9	0	9.15	37.0	40831.94	8.12	0.100
162	37.0	4965.9	0	9.15	37.0	40831.94	8.12	0.108
174	37.0	4965.9	0	9.15	37.0	40831.94	8.12	0.116

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
150	8.12	0.100	180.3
162	8.12	0.108	173.5
174	8.12	0.116	167.4