



EMC Test Data

Client:	Smartrove	Job Number:	J91375
Model:	SR1410 (Outdoor)	T-Log Number:	T91470
		Account Manager:	Christine Krebill
Contact:	Venkat Kalkunte		
Standard:	FCC 15.E / FCC 15.B	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: 4/22/2013

Test Engineer: Mark Hill

General Test Configuration

Calculation uses the free space transmission formula:

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

Where: S is power density (W/m²), 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:	Yes
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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
 Antenna: 5dBi antenna (8dBi effective)

Freq. MHz	EUT Power		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
	dBm	mW*						
5310	19.3	85.1	0	8	19.3	537.03	0.107	1.000
5510	18.7	74.1	0	8	18.7	467.74	0.093	1.000
5550	19.9	97.7	0	8	19.9	616.60	0.123	1.000
5670	19.8	95.5	0	8	19.8	602.56	0.120	1.000
5755	19.8	95.5	0	8	19.8	602.56	0.120	1.000
5795	20.0	100.0	0	8	20.0	630.96	0.126	1.000