Elliott
An *NTS* company

EMC Test Data

Client:	Summit Data Communications	Job Number:	J85128
Model:	SDC-SSD40L (802.11b/g/n)	T-Log Number:	T85260
		Account Manager:	Christine Krebill
Contact:	Sue White		
Standard:	FCC 15.247/RSS-210	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: 12/21/2011
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/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:	Yes
Power Density at 20cm (mW/cm^2)	0.014

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.

Use: General
Antenna: 2dBi
802.11b represents the worse case condition

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
2412	15.6	36.3	0	2	15.6	57.54	0.011	1.000
2437	16.4	43.7	0	2	16.4	69.18	0.014	1.000
2462	14.8	30.2	0	2	14.8	47.86	0.010	1.000