Client:	Summit Data Communications	Job Number:	J74548
Model:	802.11abg Compact Flash Card	T-Log Number:	T74642
		Account Manager:	Christine Krebill
Contact:	Jerry Pohmurski		
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: 4/7/2009

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, S in mW/cm^2	0.103

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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EMC Test Data

Client:	Summit Data Communications		Job Number:	J74548
			T-Log Number:	T74642
Model:	802.11abg Compact Flash Card		Account Manager:	Christine Krebill
Contact:	Jerry Pohmurski			
Standard:	FCC 15.247/RSS 210		Class:	N/A

Use: General
Antenna: 5.1 dBi, used for worse case calculations

USE THIS FOR 1.5-15 GHz single transmitters

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
5180	12.0	15.8	0	5.1	12.0	51.29	0.010	1.000
5200	12.3	16.9	0	5.1	12.3	54.83	0.011	1.000
5240	12.3	17.1	0	5.1	12.3	55.34	0.011	1.000
5260	12.1	16.3	0	5.1	12.1	52.72	0.010	1.000
5300	14.1	25.9	0	5.1	14.1	83.75	0.017	1.000
5320	14.2	26.1	0	5.1	14.2	84.53	0.017	1.000
5500	15.0	31.3	0	5.1	15.0	101.16	0.020	1.000
5600	15.8	37.6	0	5.1	15.8	121.62	0.024	1.000
5700	22.0	159.2	0	5.1	22.0	515.23	0.103	1.000