Elliott

Client:	Summit Data Communications	Job Number:	J68959
Model:	SDC-CF10AG 802.11a/g Compact Flash Module with Antenna Connectors	T-Log Number:	T69413
		Account Manager:	Dean Eriksen
Contact:	Ron Seide		
Standard:	15.247 / 15.E / 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: 2/1/2008
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
Maximum Power Density (S) in W/m^2	0.16

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:	J68959
Model:	SDC-CF10AG 802.11a/g Compact Flash Module with Antenna Connectors	T-Log Number:	T69413
		Account Manager:	Dean Eriksen
Contact:	Ron Seide		
Standard:	15.247 / 15.E / RSS-210	Class:	N/A

Use: General
Antenna: 5.1 dBi

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	13.2	20.9	0	5.1	13.2	67.61	0.013	1.000
5200	13.9	24.5	0	5.1	13.9	79.43	0.016	1.000
5240	13.6	22.9	0	5.1	13.6	74.13	0.015	1.000

For the cases where S > the MPE Limit

Freq. MHz	S @ 20 cm mW/cm^2	MPE Limit mW/cm^2	Distance where S <= MPE Limit
5180	0.013	1.000	2.3cm
5200	0.016	1.000	2.5cm
5240	0.015	1.000	2.4cm