



EMC Test Data

Client:	Summit Data Communications	Job Number:	J71524
Model:	SDC-CF00AG(DFS Bands)	T-Log Number:	T71529
		Account Manager:	Dean Eriksen
Contact:	Ron Seide		
Standard:	FCC	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: 5/21/2008

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/No
Max Power Density (W/m^2)	0.23

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: 5.1 dBi

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
5280	14.1	25.7	0	5.1	14.1	83.18	0.017	1.000
5300	15.0	31.6	0	5.1	15.0	102.33	0.020	1.000
5320	15.6	36.3	0	5.1	15.6	117.49	0.023	1.000
5500	12.5	17.8	0	5.1	12.5	57.54	0.011	1.000
5600	12.2	16.6	0	5.1	12.2	53.70	0.011	1.000
5700	11.0	12.6	0	5.1	11.0	40.74	0.008	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
5280	0.017	1.000	2.6cm
5300	0.020	1.000	2.9cm
5320	0.023	1.000	3.1cm
5500	0.011	1.000	2.1cm
5600	0.011	1.000	2.1cm
5700	0.008	1.000	1.8cm