

FCC RF EXPOSURE REPORT

FCC ID: ACJ-SU-C500

Project No. : 1508C256A
Equipment : CD STEREO SYSTEM
Model : SU-C500
Applicant : Panasonic Corporation of North America
Address : Two Riverfront Plaza,9th Floor Newark New Jersey
United States 07102-5490

According: : FCC Guidelines for Human Exposure IEEE C95.1

B T L I N C .

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MPE CALCULATION METHOD:

Calculation Method of RF Safety Distance:

$$S = \frac{PG}{4\pi^2} = \frac{EIRP}{4\pi^2}$$

where:

S = power density

P = power input to the antenna

G = power gain of the antenna in the direction of interest relative to an isotropic radiator

R = distance to the center of radiation of the antenna

Table for Filed Antenna

Ant.	Brand	Model Name	Antenna Type	Connector	Gain(dBi)
1	N/A	N/A	Printed	N/A	-6.37

TEST RESULTS

EUT :	CD STEREO SYSTEM	Model Name :	SU-C500
Temperature :	25 °C	Relative Humidity:	55 %
Test Voltage :	AC 120V/60Hz		
Test Mode :	TX MODE_1Mbps		

Antenna Gain (dBi)	Antenna Gain (numeric)	Peak Output Power (dBm)	Peak Output Power (mW)	Power Density (S) (mW/cm ²)	Limit of Power Density (S) (mW/cm ²)	Test Result
-6.37	0.2307	2.17	1.6482	0.00007567	1	Complies
-6.37	0.2307	2.10	1.6218	0.00007446	1	Complies
-6.37	0.2307	2.15	1.6406	0.00007533	1	Complies

EUT :	CD STEREO SYSTEM	Model Name :	SU-C500
Temperature :	25 °C	Relative Humidity:	55 %
Test Voltage :	AC 120V/60Hz		
Test Mode :	TX MODE_3Mbps		

Antenna Gain (dBi)	Antenna Gain (numeric)	Peak Output Power (dBm)	Peak Output Power (mW)	Power Density (S) (mW/cm ²)	Limit of Power Density (S) (mW/cm ²)	Test Result
-6.37	0.2307	3.41	2.1928	0.00010068	1	Complies
-6.37	0.2307	3.38	2.1777	0.00009999	1	Complies
-6.37	0.2307	3.44	2.2080	0.00010138	1	Complies

Note: the calculated distance is 20 cm.