

FCC RF EXPOSURE REPORT

FCC ID: 2AFG6-C65CA

Project No. : 1611C191C
Equipment : Conference Flat Panel
Model : C65CA, C65CB, C65CC, C65CD, C65CE
Applicant : Guangzhou Shirui Electronics Co.,Ltd
Address : No.192,KeZhu Road,Science Park,
Economic-Technological Development Area,
Guangzhou,Guangdong,China

According: : FCC Guidelines for Human Exposure IEEE C95.1 &
FCC Part 2.1091

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	Dipole	N/A	3

TEST RESULTS

EUT:	Conference Flat Panel	Model Name :	C65CA
Temperature:	25 °C	Relative Humidity:	55 %
Test Voltage:	AC 120V/60Hz		
Test Mode :	TX B Mode_CH01/06/11		

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
3	1.9953	19.10	81.2831	0.03228125	1	Complies
3	1.9953	18.97	78.8860	0.03132928	1	Complies
3	1.9953	18.65	73.2825	0.02910385	1	Complies

EUT:	Conference Flat Panel	Model Name :	C65CA
Temperature:	25 °C	Relative Humidity:	55 %
Test Voltage :	AC 120V/60Hz		
Test Mode :	TX G Mode_CH01/06/11		

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
3	1.9953	22.47	176.6038	0.07013751	1	Complies
3	1.9953	22.42	174.5822	0.06933466	1	Complies
3	1.9953	22.31	170.2159	0.06760057	1	Complies

EUT:	Conference Flat Panel	Model Name :	C65CA
Temperature:	25 °C	Relative Humidity:	55 %
Test Voltage :	AC 120V/60Hz		
Test Mode :	TX N20 Mode_CH01/06/11		

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
3	1.9953	21.23	132.7394	0.05271696	1	Complies
3	1.9953	21.31	135.2073	0.05369704	1	Complies
3	1.9953	21.16	130.6171	0.05187408	1	Complies

EUT:	Conference Flat Panel	Model Name :	C65CA
Temperature:	25 °C	Relative Humidity:	55 %
Test Voltage :	AC 120V/60Hz		
Test Mode :	TX N40 Mode_CH03/06/09		

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
3	1.9953	20.97	125.0259	0.04965356	1	Complies
3	1.9953	21.12	129.4196	0.05139849	1	Complies
3	1.9953	21.03	126.7652	0.05034431	1	Complies

Note: the calculated distance is 20 cm.