

FCC RF EXPOSURE REPORT

FCC ID: I46INF6501C

Project No. : 1412C151
Equipment : TouchScreen Displays
Model : INF6501c
Applicant : InFocus Corporation
Address : 13190 SW 68th Parkway Suite 200 Portland,
OR 97223-8368

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)	Note
1		ANTS71L-DJ65 1-DH	Internal	N/A	-2.92	TX/RX

TEST RESULTS

EUT :	TouchScreen Displays	Model Name :	InFocus
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
-2.92	0.5105	16.37	43.3511	0.00440505	1	Complies
-2.92	0.5105	16.34	43.0527	0.00437472	1	Complies
-2.92	0.5105	16.38	43.4510	0.00441520	1	Complies

EUT :	TouchScreen Displays	Model Name :	InFocus
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
-2.92	0.5105	15.28	33.7287	0.00342729	1	Complies
-2.92	0.5105	15.21	33.1894	0.00337249	1	Complies
-2.92	0.5105	15.23	33.3426	0.00338805	1	Complies

EUT :	TouchScreen Displays	Model Name :	InFocus
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
-2.92	0.5105	14.07	25.5270	0.00259388	1	Complies
-2.92	0.5105	14.11	25.7632	0.00261788	1	Complies
-2.92	0.5105	14.12	25.8226	0.00262392	1	Complies

Note: the calculated distance is 20 cm.