

FCC RF EXPOSURE REPORT

FCC ID: UZZK401

Project No. : 1408C226
Equipment : Kinoma Create
Model : K4-01
Applicant : Beautiful Enterprise Co., Ltd.
Address : 27th Floor, Beautiful Group Tower, 77
Connaught Road Central,
Hong Kong
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		A10192	SMD	N/A	0.80

TEST RESULTS

EUT :	Kinoma Create	Model Name :	K4-01
Temperature :	25 °C	Relative Humidity:	55 %
Test Voltage :	AC 120V/60Hz		
Test Mode :	TX B MODE /CH01, CH06, CH11		

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
0.8	1.2023	15.78	37.8443	0.00905629	1	Complies
0.8	1.2023	16.12	40.9261	0.00979378	1	Complies
0.8	1.2023	16.3	42.6580	0.01020823	1	Complies

EUT :	Kinoma Create	Model Name :	K4-01
Temperature :	25 °C	Relative Humidity:	55 %
Test Voltage :	AC 120V/60Hz		
Test Mode :	TX G MODE /CH01, CH06, CH11		

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
0.8	1.2023	20.25	105.9254	0.02534839	1	Complies
0.8	1.2023	21.1	128.8250	0.03082836	1	Complies
0.8	1.2023	21.32	135.5189	0.03243026	1	Complies

EUT :	Kinoma Create	Model Name :	K4-01
Temperature:	25 °C	Relative Humidity:	55 %
Test Voltage :	AC 120V/60Hz		
Test Mode :	TX N-20M MODE_ Total /CH01, CH06, CH11		

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
0.8	1.2023	20.21	104.9542	0.02511599	1	Complies
0.8	1.2023	21.08	128.2331	0.03068671	1	Complies
0.8	1.2023	21.22	132.4342	0.03169205	1	Complies

EUT :	Kinoma Create	Model Name :	K4-01
Temperature:	25 °C	Relative Humidity:	55 %
Test Voltage :	AC 120V/60Hz		
Test Mode :	TX N-40M MODE_ Total /CH03, CH06, CH09		

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
0.8	1.2023	21.25	133.3521	0.03191173	1	Complies
0.8	1.2023	20.91	123.3105	0.02950872	1	Complies
0.8	1.2023	21.16	130.6171	0.03125722	1	Complies

Note: the calculated distance is 20 cm.