

FCC RF EXPOSURE REPORT

FCC ID: 2AC80FLIKE

Project No. : 1501C108
Equipment : FACEBOOK COUNTER DISPLAY
Model : COUNTER; FACEBOOK 5D
Applicant : Smiirl
Address : 57 rue faubourg Saint Antoine, 75011 Paris

**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:

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

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	WALSIN	RFECA321606 0A1T	Chip	N/A	2	TX/RX
2	WALSIN	RFECA321606 0A1T	Chip	N/A	2	RX

TEST RESULTS

EUT :	FACEBOOK COUNTER DISPLAY	Model Name :	COUNTER; FACEBOOK 5D
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
2	1.5849	19.1	81.2831	0.02564191	1	Complies
2	1.5849	19.73	93.9723	0.02964493	1	Complies
2	1.5849	20.12	102.8016	0.03243026	1	Complies

EUT :	FACEBOOK COUNTER DISPLAY	Model Name :	COUNTER; FACEBOOK 5D
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
2	1.5849	22.6	181.9701	0.05740509	1	Complies
2	1.5849	23.11	204.6445	0.06455804	1	Complies
2	1.5849	22.22	166.7247	0.05259572	1	Complies

EUT :	FACEBOOK COUNTER DISPLAY	Model Name :	COUNTER; FACEBOOK 5D
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
2	1.5849	22.02	159.2209	0.05022852	1	Complies
2	1.5849	23.02	200.4472	0.06323396	1	Complies
2	1.5849	21.61	144.8772	0.04570360	1	Complies

EUT :	FACEBOOK COUNTER DISPLAY	Model Name :	COUNTER; FACEBOOK 5D
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
2	1.5849	21.56	143.2188	0.04518043	1	Complies
2	1.5849	22.36	172.1869	0.05431883	1	Complies
2	1.5849	21.11	129.1219	0.04073337	1	Complies

Note: the calculated distance is 20 cm.