

# FCC RF EXPOSURE REPORT

**FCC ID: 2AEUPBHASC041**

Project No. : 1705154  
Equipment : Ring  
Model : Spotlight Cam Battery  
Series Model : N/A  
Applicant : Bot Home Automation, Inc.  
Address : 1523 26th St, Santa Monica, CA 90404, USA  
  
According: : FCC Guidelines for Human Exposure IEEE  
C95.1

Technical Manager

:



(Herbert Liu)

**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.	Manufacture	Model Name	Antenna Type	Connector	Gain (dBi)
1		CAM V4	PIFA	N/A	2.20

## TEST RESULTS

Test Mode :	TX B Mode /CH01, CH06, CH11
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Antenna Gain (dBi)	Antenna Gain (numeric)	Peak Output Power (dBm)	Peak Output Power (mW)	Power Density (S) (mW/cm <sup>2</sup> )	Limit of Power Density (S) (mW/cm <sup>2</sup> )	Test Result
2.20	1.6596	14.26	26.6686	0.00880948	1	Complies
2.20	1.6596	14.43	27.7332	0.00916116	1	Complies
2.20	1.6596	15.13	32.5837	0.01076342	1	Complies

Test Mode :	TX G Mode /CH01, CH06, CH11
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Antenna Gain (dBi)	Antenna Gain (numeric)	Peak Output Power (dBm)	Peak Output Power (mW)	Power Density (S) (mW/cm <sup>2</sup> )	Limit of Power Density (S) (mW/cm <sup>2</sup> )	Test Result
2.20	1.6596	18.13	65.0130	0.02147585	1	Complies
2.20	1.6596	18.21	66.2217	0.02187512	1	Complies
2.20	1.6596	17.9	61.6595	0.02036809	1	Complies

Test Mode :	TX N-20M Mode_ Total /CH01, CH06, CH11
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Antenna Gain (dBi)	Antenna Gain (numeric)	Peak Output Power (dBm)	Peak Output Power (mW)	Power Density (S) (mW/cm <sup>2</sup> )	Limit of Power Density (S) (mW/cm <sup>2</sup> )	Test Result
2.20	1.6596	18.16	65.4636	0.02162471	1	Complies
2.20	1.6596	18.21	66.2217	0.02187512	1	Complies
2.20	1.6596	17.71	59.0201	0.01949622	1	Complies