

# FCC RF EXPOSURE REPORT

**FCC ID: 2AEUPBHACP011**

**Project No.** : 1705007  
**Equipment** : Ring  
**Model** : Chime Pro  
**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:

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

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	LSR	001-0024	Dipole	IPEX	2	NA
2	LSR	001-0024	Dipole	IPEX	2	NA

Operating Mode / TX Mode	1TX	2TX
802.11b	V (ANT 1)	-
802.11g	V (ANT 1)	-
802.11n(20MHz)	-	V (ANT 1+ANT 2)

## 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
2.00	1.5849	18.54	71.4496	0.02253982	1	Complies
2.00	1.5849	18.65	73.2825	0.02311801	1	Complies
2.00	1.5849	18.77	75.3356	0.02376569	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
2.00	1.5849	18.48	70.4693	0.02223056	1	Complies
2.00	1.5849	21.13	129.7179	0.04092139	1	Complies
2.00	1.5849	20.13	103.0386	0.03250501	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
2.00	1.5849	20.37	108.8930	0.03435187	1	Complies
2.00	1.5849	23.17	207.4914	0.06545614	1	Complies
2.00	1.5849	20.56	113.7627	0.03588809	1	Complies