Maximum Permissible Exposure Report

FCC ID: 2AEUPBHASC042

Project No.	**: 10804T043**
Equipment	**: Ring**
Test Model	**: Spotlight Cam-Battery**
Series Model	**: N/A**
Applicant	**: Ring, Inc.**
Address	**: 1523 26th St, Santa Monica, CA 90404,USA**
According:	**: FCC Guidelines for Human Exposure IEEE C95.1**

Authorized Signatory : _____
(Herbort Liu)

BTL INC.

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Testing Laboratory
0659

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
Group I:

Ant.	Manufacturer	Model Name	Antenna Type	Connector	Gain (dBi)
1	PSA	N/A	Dipole Antenna	I-PEX	0.5

Group II:

Ant.	Manufacturer	Model Name	Antenna Type	Connector	Gain (dBi)
1	WIESON	N/A	Dipole Antenna	I-PEX	1.08

Group 2 is found to be the worst case and used for final test.

TEST RESULTS

Test Mode :	TX B Mode / CH01, CH06, CH11

Antenna Gain (dBi)	Antenna Gain (numeric)	Average Output Power (dBm)	Average Output Power (mW)	Power Density (S) (mW/cm^2)	Limit of Power Density (S) (mW/cm^2)	Test Result
1.08	1.2823	12.73	18.7499	0.00478575	1	Complies
1.08	1.2823	12.39	17.3380	0.00442538	1	Complies
1.08	1.2823	12.86	19.3197	0.00493117	1	Complies

Test Mode :	TX G Mode / CH01, CH06, CH11

Antenna Gain (dBi)	Antenna Gain (numeric)	Average Output Power (dBm)	Average Output Power (mW)	Power Density (S) (mW/cm^2)	Limit of Power Density (S) (mW/cm^2)	Test Result
1.08	1.2823	11.42	13.8676	0.00353957	1	Complies
1.08	1.2823	12.88	19.4089	0.00495394	1	Complies
1.08	1.2823	12.11	16.2555	0.00414907	1	Complies

Test Mode :	TX N-20M Mode / CH01, CH06, CH11

Antenna Gain (dBi)	Antenna Gain (numeric)	Average Output Power (dBm)	Average Output Power (mW)	Power Density (S) (mW/cm^2)	Limit of Power Density (S) (mW/cm^2)	Test Result
1.08	1.2823	10.86	12.1899	0.00311136	1	Complies
1.08	1.2823	12.83	19.1867	0.00489723	1	Complies
1.08	1.2823	11.58	14.3880	0.00367240	1	Complies

Note:
(1) The calculated distance is 20 cm.