

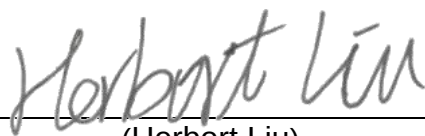
Maximum Permissible Exposure Report

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

: 
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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

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
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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
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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
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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.