



FCC RF EXPOSURE REPORT

For

Ring Contact Sensor

MODEL NUMBER: 5AT3S2

FCC ID: 2AEUP5AT3S2A

REPORT NUMBER: 4790641259.1-5

ISSUE DATE: December 02, 2022

Prepared for

Ring LLC

12515 Cerise Ave Hawthorne California 90250 United States

Prepared by

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Revision History

Rev.	Issue Date	Revisions	Revised By
V0	12/02/2022	Initial Issue	

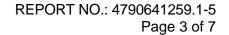




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1. ATTESTATION OF TEST RESULTS

Applicant Information

Company Name: Ring LLC

Address: 12515 Cerise Ave Hawthorne California 90250 United States

Manufacturer Information

Company Name: Ring LLC

Address: 12515 Cerise Ave Hawthorne California 90250 United States

EUT Information

EUT Name: Ring Contact Sensor

Model: 5AT3S2 Brand: ring

Sample Received Date: November 16, 2022

Sample Status: Normal Sample ID: 5542342

Date of Tested: November 16~ December 02, 2022

APPLICABLE STANDARDS				
STANDARD	TEST RESULTS			
FCC 47CFR§2.1091	PASS			

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2. TEST METHODOLOGY

The tests documented in this report were performed in accordance with 47 CFR FCC Part 2 Subpart J, section 2.1091, KDB 447948 D01V06.

3. FACILITIES AND ACCREDITATION

	A2LA (Certificate No.: 4102.01) UL Verification Services (Guangzhou) Co., Ltd. Song Shan Lake Branch. has been assessed and proved to be in compliance with A2LA. FCC (FCC Designation No.: CN1187)
Accreditation Certificate	UL Verification Services (Guangzhou) Co., Ltd. Song Shan Lake Branch. Has been recognized to perform compliance testing on equipment subject to the Commission's Delcaration of Conformity (DoC) and Certification rules ISED (Company No.: 21320) UL Verification Services (Guangzhou) Co., Ltd. Song Shan Lake Branch. has been registered and fully described in a report filed with ISED. The Company Number is 21320 and the test lab Conformity Assessment Body Identifier (CABID) is CN0046. VCCI (Registration No.: G-20019, R-20004, C-20012 and T-20011) UL Verification Services (Guangzhou) Co., Ltd. Song Shan Lake Branch. has been assessed and proved to be in compliance with VCCI, the Membership No. is 3793. Facility Name: Chamber D, the VCCI registration No. is G-20019 and R-20004 Shielding Room B, the VCCI registration No. is C-20012 and T-20011

Note: All tests measurement facilities use to collect the measurement data are located at Building 10, Innovation Technology Park, Song Shan Lake Hi tech Development Zone, Dongguan, 523808, China.

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4. REQUIREMENT

LIMIT AND CALCULATION METHOD

Systems operating under the provisions of FCC 47 CFR section shall be operated in a manner that ensures that the public is not exposed to radio frequency energy level in excess of the Commission's guidelines.

In accordance with 47 CFR FCC Part 2 Subpart J, section 2.1091 this device has been defined as mobile device whereby a distance of 0.2m normally can be maintained between the user and the device, and below RF Permissible Exposure limit shall comply with.

Limits for General Population/Uncontrolled Exposure

RF EXPOSURE LIMIT

Frequency Range (MHz)	E-field Strength (E) (V/m)	Magnetic Field Strength (H) (A/m)	Power Density (S) (mW/cm²)	Averaging Time E ², H ² or S (Minutes)
0.3 1.34	614	1.63	(100)*	30
1.34 30	824/f	2.19/f	(180/f ²)*	30
30 300	27.5	0.073	0.2	30
300 1500			f/1500	30
1500 100,000			1.0	30

CALCULATION METHOD

S=PG/4πR²

Where:

S=power density

P=power input to 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



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CALCULATED RESULTS

DTS (Worst case)					
Operating	Max. Tune up Power	Antenna Gain Power density		Limit	
Mode	(dBm)	(dBi)	(num)	(mW/ cm ²)	
DTS	16	0.1	1.02	0.00810	0.6

DSS (Worst case)					
Operating Mode	Max. Tune up Power	Antenna Gain		Power density	Limit
	(dBm)	(dBi)	(num)	(mW/ cm2)	Liiiik
DSS	16	0.1	1.02	0.00810	0.6

Note: the calculated distance is 20 cm.

END OF REPORT