

TEST REPORT

RF Exposure Evaluation

Report No.	CISRR25112418904
Project No.	CISR251124189
FCC ID	2BMSK-2000-26-0005
Applicant	Rehan Electronics Ltd.
Address	Brunswick Row, Aughrim Road, Carnew Co. Wicklow Y14 NY60, Republic of Ireland
Manufacturer	DAS INDUSTRY LIMITED
Address	Room 807, No.58 Building, 260 Maoyuan Road, Fengxian District, Shanghai 201400, PRC.
Product Name	LookyBOT Wi-Fi Camera
Trade mark	-
Model/Type reference	2000-26-0005
Listed Model(s)	-
Standard	47 CFR Part 2.1091
Date of sample receipt	November 27, 2025
Test date	November 27, 2025 to December 23, 2025
Issue date	December 23, 2025
Test result	Complied

Lucas Huang

Reviewed by: Lucas Huang



Approved by: Hans Hu

The test results relate only to the tested samples.

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1. APPLICABLE STANDARD

[47 CFR Part2.1091](#): Radio frequency radiation exposure evaluation: mobile devices

[ANSI C95.1–2019](#): IEEE Standard for Safety Levels with Respect to Human Exposure to Radio Frequency Electromagnetic Fields, 3 kHz to 300 GHz.

[FCC KDB publication 447498 D01](#) General RF Exposure Guidance v06: Mobile and Portable Devices RF Exposure Procedures and Equipment Authorization Policies.

[47 CFR Part1.1307](#): Actions that may have a significant environmental effect, for which Environmental Assessments (EAs) must be prepared.

[47 CFR Part1.1310](#): Radio frequency radiation exposure limits.

2. REPORT VERSION

Version No.	Issue date	Description
00	December 23, 2025	Original

3. RADIO SPECIFICATION DESCRIPTION

WIFI-2.4GHz Band			
Supported type:	☒ 802.11b	☒ 802.11g	☒ 802.11n
	☐ 802.11ax		
WIFI-5GHz Band			
Operation Band:	☒ 5.15~5.25GHz band	☒ 5.25~5.35GHz band	☒ 5.47~5.725GHz band
	☒ 5.725~5.85GHz band		
Supported type:	☒ 802.11a	☒ 802.11n	☒ 802.11ac
	☒ 802.11ax		

Note: Please refer to RF report for detailed technical specifications

4. SIMULTANEOUS TRANSMISSION ANALYSIS

This device has two antennas. The data transmission in the same mode has been evaluated using the MIMO mode.

5. TEST RESULT

5.1. SAR test exclusion Evaluation

Exclusion Limit:

KDB447498 D01 v06, Clause 4.3.1 b)

- **100 MHz to 1500 MHz**

{[Power allowed at numeric threshold for 50 mm in step a)] + [(test separation distance – 50 mm)·(f(MHz)/150)]} mW

- **1500 MHz and ≤ 6 GHz**

{[Power allowed at numeric threshold for 50 mm in step a)] + [(test separation distance – 50 mm)·10]} mW

Result:

Passed

Test Data

MIMO:

Radio type	Frequency (GHz)	Maximum output power #1 (dBm)	Antenna gain #2 (dBi)	Maximum EIRP#3 (dBm)	Maximum tune-up EIRP (dBm)	Minimum distance #4 (mm)	Exclusion Limit (dBm)	Result
2.4GWIFI	2.422	21.06	3.50	24.56	25.00	200mm	32.03	PASS
5GWIFI	5.180	18.74	3.50	22.24	23.00	200mm	31.95	PASS
5.8GWIFI	5.825	18.11	3.50	21.61	22.00	200mm	31.94	PASS

Note

#1: This value comes from the RF test report.

#2: This value is declared by the applicant.

#3: EIRP=Maximum output power + Antenna gain.

#4: This value is declared by the applicant.

5.2. Standalone transmission

Limit:

The criteria listed in the following table shall be used to evaluate the environment impact of human exposure to radio frequency (RF) radiation as specified in 1.1307(b)

Limits for Maximum Permissible Exposure (MPE)

Frequency range (MHz)	Electric field strength(V/m)	Magnetic field strength (A/m)	Power density (mW/cm ²)	Averaging time (minutes)
(A) Limits for Occupational/Controlled Exposures				
0.3–3.0	614	1.63	*(100)	6
3.0–30	1842/f	4.89/f	*(900/f ²)	6
30–300	61.4	0.163	1.0	6
300–1500	-	-	f/300	6
1500–100,000	-	-	5	6
(B) Limits for General Population/Uncontrolled Exposure				
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

Evaluation method:

$$P_d = (P_{out} * G) / (4 * \pi * r^2)$$

Where

P_d = power density in mW/cm², **P_{out}** = output power to antenna in mW,

G = gain of antenna in linear scale, **π** = 3.1416,

R = distance between observation point and center of the radiator in cm

Result:

Passed

Test Data

MIMO:

Radio type	Maximum output power (dBm) #1	Maximum tune-up power (dBm)	Antenna gain (dBi) #2	Minimum distance (cm) #3	P _d (mW/cm ²)	Limit (mW/cm ²)	Result
2.4GWIFI	18.11	25.00	3.50	20.00	0.1408	1.00	PASS
5GWIFI	18.74	23.00	3.50	20.00	0.0889	1.00	PASS
5.8GWIFI	18.11	22.00	3.50	20.00	0.0706	1.00	PASS

Note

#1: This value comes from the RF test report.

#2: This value is declared by the applicant.

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