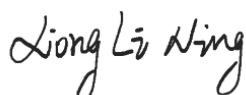


TEST REPORT

Applicant: MeiG Smart Technology Co., Ltd
Address: 2nd Floor, Office Building, No.5 Lingxia Road,
Fenghuang, Fuyong Street, Bao'an District,
Shenzhen City. China
Equipment Type: Smart Module
Model Name: SNM932
Brand Name: MEIGLink
FCC ID: 2APJ4-SNM932
Test Standard: 47 CFR Part 2.1091
KDB 447498 D04 v01
Sample Arrival Date: Jun. 30, 2025
Test Date: Aug. 19, 2025
Date of Issue: Aug. 27, 2025

ISSUED BY:

Shenzhen BALUN Technology Co., Ltd.

Tested by: Xiong Lining**Checked by:** Xu Rui**Approved by:** Tolan Tu
(Testing Director)

Revision History

<u>Version</u>	<u>Issue Date</u>	<u>Revisions Content</u>
<u>Rev. 01</u>	<u>Aug. 27, 2025</u>	<u>Initial Issue</u>

TABLE OF CONTENTS

1	GENERAL INFORMATION	3
1.1	Test Laboratory	3
1.2	Test Location	3
2	PRODUCT INFORMATION	4
2.1	Applicant Information	4
2.2	Manufacturer Information	4
2.3	General Description for Equipment under Test (EUT)	4
2.4	Technical Information	5
3	SUMMARY OF TEST RESULT	6
3.1	Test Standards	6
3.2	Limit Standards	6
4	DEVICE CATEGORY AND LEVELS LIMITS	7
5	ASSESSMENT RESULT	9
5.1	Output Power	9
5.2	Tune-up power	10
5.3	RF Exposure Evaluation Result	11
5.4	Collocated Power Calculation	13
5.5	Conclusion	15

1 GENERAL INFORMATION

1.1 Test Laboratory

Name	Shenzhen BALUN Technology Co., Ltd.
Address	Block B, 1/F, Baisha Science and Technology Park, Shahe Xi Road, Nanshan District, Shenzhen, Guangdong Province, P. R. China
Phone Number	+86 755 6685 0100

1.2 Test Location

Name	Shenzhen BALUN Technology Co., Ltd.
Location	☐ Block B, 1/F, Baisha Science and Technology Park, Shahe Xi Road, Nanshan District, Shenzhen, Guangdong Province, P. R. China
	☒ 1/F, Building B, Ganghongji High-tech Intelligent Industrial Park, No. 1008, Songbai Road, Yangguang Community, Xili Sub-district, Nanshan District, Shenzhen, Guangdong Province, P. R. China
Accreditation Certificate	The laboratory is a testing organization accredited by FCC as a accredited testing laboratory. The designation number is CN1196.

2 PRODUCT INFORMATION

2.1 Applicant Information

Applicant	MeiG Smart Technology Co., Ltd
Address	2nd Floor, Office Building, No.5 Lingxia Road, Fenghuang, Fuyong Street, Bao'an District, Shenzhen City. China

2.2 Manufacturer Information

Manufacturer	MeiG Smart Technology Co., Ltd
Address	2nd Floor, Office Building, No.5 Lingxia Road, Fenghuang, Fuyong Street, Bao'an District, Shenzhen City. China

2.3 General Description for Equipment under Test (EUT)

EUT Name	Smart Module
Model Name Under Test	SNM932
Series Model Name	N/A
Description of Model name differentiation	N/A
Hardware Version	V1.02
Software Version	V01_T06
Dimensions (Approx.)	N/A
Weight (Approx.)	N/A

2.4 Technical Information

Network and Wireless connectivity	Bluetooth (BR+EDR+BLE) WIFI 802.11a, 802.11b, 802.11g, 802.11n, 802.11ac and 802.11ax
-----------------------------------	--

The requirement for the following technical information of the EUT was tested in this report:

Operating Mode	WIFI, Bluetooth	
Frequency Range	802.11b/g	2412 ~ 2462 MHz
	802.11n(HT20/HT40)	2412 ~ 2462 MHz
	802.11a	5150 ~ 5250 MHz
		5250 ~ 5350 MHz
		5470 ~ 5725 MHz
		5725 ~ 5850 MHz
	802.11n(HT20/HT40)	5150 ~ 5250 MHz
		5250 ~ 5350 MHz
		5470 ~ 5725 MHz
		5725 ~ 5850 MHz
	802.11ac (VHT20/VHT40/VHT80)	5150 ~ 5250 MHz
		5250 ~ 5350 MHz
		5470 ~ 5725 MHz
		5725 ~ 5850 MHz
	802.11ax (HE20/HE40/HE80)	5150 ~ 5250 MHz
		5250 ~ 5350 MHz
		5470 ~ 5725 MHz
		5725 ~ 5850 MHz
	802.11ac(VHT160)/ 802.11ax(HE160)	5150 ~ 5250 MHz
		5470 ~ 5725 MHz
	802.11ax (HE20/HE40/HE80/HE160)	5925 ~ 6425 MHz
		6425 ~ 6525 MHz
		6525 ~ 6875 MHz
		6875 ~ 7125 MHz
	Bluetooth	2402 ~ 2480 MHz
Antenna Type	WIFI	Dipole Antenna
	Bluetooth	Dipole Antenna
Exposure Category	General Population/Uncontrolled Exposure	
Product Type	Mobile Device	

3 SUMMARY OF TEST RESULT

3.1 Test Standards

No.	Identity	Document Title
1	KDB 447498 D04 v01	447498 D04 Interim General RF Exposure Guidance v01

3.2 Limit Standards

No.	Identity	Document Title
1	47 CFR Part 2.1091	Radiofrequency radiation exposure evaluation: mobile devices

4 DEVICE CATEGORY AND LEVELS LIMITS

Mobile Devices:

CFR Title 47 §2.1091(b)

For purposes of this section, a mobile device is defined as a transmitting device designed to be used in other than fixed locations and to generally be used in such a way that a separation distance of at least 20 centimeters is normally maintained between the transmitter's radiating structure(s) and the body of the user or nearby persons.

FCC KDB 447498 D04 General RF Exposure Guidance v01 Limit

Evaluation of compliance with the exposure limits in § 1.1310 is necessary if the ERP of the device is greater than ERP_{20cm} in Formula (B.1) [repeated from § 2.1091(c)(1) and § 1.1307(b)(1)(i)(B)].

$$P_{th} \text{ (mW)} = ERP_{20 \text{ cm}} \text{ (mW)} = \begin{cases} 2040f & 0.3 \text{ GHz} \leq f < 1.5 \text{ GHz} \\ 3060 & 1.5 \text{ GHz} \leq f \leq 6 \text{ GHz} \end{cases} \quad (\text{B.1})$$

If the ERP is not easily obtained, then the available maximum time-averaged power may be used (i. e., without consideration of ERP only if the physical dimensions of the radiating structure(s) do not exceed the electrical length of $\lambda/4$ or if the antenna gain is less than that of a half-wave dipole.

SAR-based exemptions are constant at separation distances between 20 cm and 40 cm to avoid discontinuities in the threshold when transitioning between SAR-based and MPE-based exemption criteria at 40 cm, considering the importance of reflections.

The SAR-based exemption formula of § 1.1307(b)(3)(i)(B), repeated here as Formula (B.2), applies for single fixed, mobile, and portable RF sources with available maximum time-averaged power or effective radiated power (ERP), whichever is greater, of less than or equal to the threshold P_{th} (mW).

This method shall only be used at separation distances from 0.5 cm to 40 cm and at frequencies from 0.3 GHz to 6 GHz (inclusive). P_{th} is given by Formula (B.2).

$$P_{th} \text{ (mW)} = \begin{cases} ERP_{20 \text{ cm}} (d/20 \text{ cm})^x & d \leq 20 \text{ cm} \\ ERP_{20 \text{ cm}} & 20 \text{ cm} < d \leq 40 \text{ cm} \end{cases} \quad (\text{B. 2})$$

where

$$x = -\log_{10} \left(\frac{60}{ERP_{20 \text{ cm}} \sqrt{f}} \right)$$

and f is in GHz, d is the separation distance (cm), and $ERP_{20 \text{ cm}}$ is per Formula (B.1). The example values shown in Table B.2 are for illustration only.

Table B.2—Example Power Thresholds (mW)

Table B-2 Example Power Thresholds (mW)											
Frequency (MHz)	Distance (mm)										
	5	10	15	20	25	30	35	40	45	50	
	300	39	65	88	110	129	148	166	184	201	217
	450	22	44	67	89	112	135	158	180	203	226
	835	9	25	44	66	90	116	145	175	207	240
	1900	3	12	26	44	66	92	122	157	195	236
	2450	3	10	22	38	59	83	111	143	179	219
	3600	2	8	18	32	49	71	96	125	158	195
	5800	1	6	14	25	40	58	80	106	136	169

For 6000MHz to 10000Mhz

Frequencies above 300 kHz but at distances $R > \lambda/2\pi$, R is the antenna-person separation distance.
 λ =wavelength of transmitted signal.

Can calculate from the frequency of operation using $v=f*\lambda$

v =speed of light= $3*10^8$ m/s

f =frequency(Hz)

Primarily an MPE-based exclusion but also SAR-based where $\lambda/2\pi$ is $< 20\text{cm}$.

TABLE B.1—THRESHOLDS FOR SINGLE RF SOURCES
SUBJECT TO ROUTINE ENVIRONMENTAL EVALUATION

RF Source Frequency		Minimum Distance		Threshold ERP
f_L MHz	f_H MHz	$\lambda_L / 2\pi$	$\lambda_H / 2\pi$	W
0.3	1.34	159 m	35.6 m	$1,920 R^2$
1.34	30	35.6 m	1.6 m	$3,450 R^2/f^2$
30	300	1.6 m	159 mm	$3.83 R^2$
300	1,500	159 mm	31.8 mm	$0.0128 R^2 f$
1,500	100,000	31.8 mm	0.5 mm	$19.2 R^2$

Subscripts L and H are low and high; λ is wavelength.
 From § 1.1307(b)(3)(i)(C), modified by adding Minimum Distance columns.

5 ASSESSMENT RESULT

5.1 Output Power

Mode	Bluetooth	2.4G WIFI-SISO-ANT0	2.4G WIFI-SISO-ANT1	2.4G WIFI-MIMO	/	/
Conducted Power (dBm)	7.11	17.73	17.66	17.25	/	/
Antenna Gain (dBi)	3.95	3.95	3.95	3.95	/	/
EIRP (dBm)	11.06	21.68	21.61	21.20	/	/
Mode	5.2G WIFI-SISO-ANT0	5.2G WIFI-SISO-ANT1	5.2G WIFI-MIMO	5.3G WIFI-SISO-ANT0	5.3G WIFI-SISO-ANT1	5.3G WIFI-MIMO
Conducted Power (dBm)	17.72	17.71	17.26	17.84	17.93	17.42
Antenna Gain (dBi)	2.70	2.70	2.70	2.07	2.07	2.07
EIRP (dBm)	20.42	20.41	19.96	19.91	20.00	19.49
Mode	5.6G WIFI-SISO-ANT0	5.6G WIFI-SISO-ANT1	5.6G WIFI-MIMO	5.8G WIFI-SISO-ANT0	5.8G WIFI-SISO-ANT1	5.8G WIFI-MIMO
Conducted Power (dBm)	17.72	17.94	17.38	17.77	17.84	17.42
Antenna Gain (dBi)	1.48	1.48	1.48	1.48	1.48	1.48
EIRP (dBm)	19.20	19.42	18.86	19.25	19.32	18.90
Mode	6G WIFI-SISO-ANT0	6G WIFI-SISO-ANT1	6G WIFI-MIMO	6.4G WIFI-SISO-ANT0	6.4G WIFI-SISO-ANT1	6.4G WIFI-MIMO
Conducted Power (dBm)	14.38	14.62	14.16	13.57	13.89	13.34
Antenna Gain (dBi)	0.96	0.96	0.96	0.75	0.75	0.75
EIRP (dBm)	15.34	15.58	15.12	14.32	14.64	14.09
Mode	6.5G WIFI-SISO-ANT0	6.5G WIFI-SISO-ANT1	6.5G WIFI-MIMO	6.8G WIFI-SISO-ANT0	6.8G WIFI-SISO-ANT1	6.8G WIFI-MIMO
Conducted Power (dBm)	13.85	13.90	13.52	14.04	14.39	13.55
Antenna Gain (dBi)	0.77	0.77	0.77	1.56	1.56	1.56
EIRP (dBm)	14.62	14.67	14.29	15.60	15.95	15.11
Note: This report listed the worst case conducted power value, please refer to BL-SZ2561486-601, BL-SZ2561486-602, BL-SZ2561486-603, BL-SZ2561486-604, BL-SZ2561486-606 report for more details.						

5.2 Tune-up power

Mode	Conducted Power Range (dBm)	EIRP Range (dBm)	ERP Range (dBm)
Bluetooth	[5.50, 7.50]	[9.45, 11.45]	[7.30, 9.30]
2.4G WIFI-SISO-ANT0	[16.00, 18.00]	[19.95, 21.95]	[17.80, 19.80]
2.4G WIFI-SISO-ANT1	[16.00, 18.00]	[19.95, 21.95]	[17.80, 19.80]
2.4G WIFI-MIMO	[15.50, 17.50]	[18.95, 20.95]	[17.30, 19.30]
5.2G WIFI-SISO-ANT0	[16.00, 18.00]	[18.70, 20.70]	[16.55, 18.55]
5.2G WIFI-SISO-ANT1	[16.00, 18.00]	[18.70, 20.70]	[16.55, 18.55]
5.2G WIFI-MIMO	[15.50, 17.50]	[18.20, 20.20]	[16.05, 18.05]
5.3G WIFI-SISO-ANT0	[16.00, 18.00]	[18.07, 20.07]	[15.92, 17.92]
5.3G WIFI-SISO-ANT1	[16.00, 18.00]	[18.07, 20.07]	[15.92, 17.92]
5.3G WIFI-MIMO	[15.50, 17.50]	[17.57, 19.57]	[15.42, 17.42]
5.6G WIFI-SISO-ANT0	[16.00, 18.00]	[17.48, 19.48]	[15.33, 17.33]
5.6G WIFI-SISO-ANT1	[16.00, 18.00]	[17.48, 19.48]	[15.33, 17.33]
5.6G WIFI-MIMO	[15.50, 17.50]	[16.98, 18.98]	[14.83, 16.83]
5.8G WIFI-SISO-ANT0	[16.00, 18.00]	[17.48, 19.48]	[15.33, 17.33]
5.8G WIFI-SISO-ANT1	[16.00, 18.00]	[17.48, 19.48]	[15.33, 17.33]
5.8G WIFI-MIMO	[15.50, 17.50]	[16.98, 18.98]	[14.83, 16.83]
6G WIFI-SISO-ANT0	[12.50, 14.50]	[13.46, 15.46]	[11.31, 13.31]
6G WIFI-SISO-ANT1	[13.00, 15.00]	[13.96, 15.96]	[11.81, 13.81]
6G WIFI-MIMO	[12.50, 14.50]	[13.46, 15.46]	[11.31, 13.31]
6.4G WIFI-SISO-ANT0	[12.00, 14.00]	[12.75, 14.75]	[10.60, 12.60]
6.4G WIFI-SISO-ANT1	[12.00, 14.00]	[12.75, 14.75]	[10.60, 12.60]
6.4G WIFI-MIMO	[11.50, 13.50]	[12.25, 14.25]	[10.10, 12.10]
6.5G WIFI-SISO-ANT0	[12.00, 14.00]	[12.77, 14.77]	[10.62, 12.62]
6.5G WIFI-SISO-ANT1	[12.00, 14.00]	[12.77, 14.77]	[10.62, 12.62]
6.5G WIFI-MIMO	[12.00, 14.00]	[12.77, 14.77]	[10.62, 12.62]
6.8G WIFI-SISO-ANT0	[12.50, 14.50]	[14.06, 16.06]	[11.91, 13.91]
6.8G WIFI-SISO-ANT1	[12.50, 14.50]	[14.06, 16.06]	[11.91, 13.91]
6.8G WIFI-MIMO	[12.00, 14.00]	[13.56, 15.56]	[11.41, 13.41]
Note 1: ERP= EIRP -2.15dB.			
Note 2: According KDB 447498 D04, used the greater of maximum conducted power and ERP to compare with the threshold value Pth.			

5.3 RF Exposure Evaluation Result

For 300MHz to 6000MHz

Evolution Mode	Frequency (MHz)	Maximum Power (dBm)	Maximum Power (mw)	Distance (mm)	Threshold Power (mW)	Power / Limit	Verdict
Bluetooth	2402	9.30	8.51	200	3060.00	0.0028	Pass
2.4G WIFI-SISO-ANT0	2412	19.80	95.50	200	3060.00	0.0312	Pass
2.4G WIFI-SISO-ANT1	2412	19.80	95.50	200	3060.00	0.0312	Pass
2.4G WIFI-MIMO	2412	19.30	85.11	200	3060.00	0.0278	Pass
5.2G WIFI-SISO-ANT0	5150	18.55	71.61	200	3060.00	0.0234	Pass
5.2G WIFI-SISO-ANT1	5150	18.55	71.61	200	3060.00	0.0234	Pass
5.2G WIFI-MIMO	5150	18.05	63.83	200	3060.00	0.0209	Pass
5.3G WIFI-SISO-ANT0	5250	18.00	63.10	200	3060.00	0.0206	Pass
5.3G WIFI-SISO-ANT1	5250	18.00	63.10	200	3060.00	0.0206	Pass
5.3G WIFI-MIMO	5250	17.50	56.23	200	3060.00	0.0184	Pass
5.6G WIFI-SISO-ANT0	5470	18.00	63.10	200	3060.00	0.0206	Pass
5.6G WIFI-SISO-ANT1	5470	18.00	63.10	200	3060.00	0.0206	Pass
5.6G WIFI-MIMO	5470	17.50	56.23	200	3060.00	0.0184	Pass
5.8G WIFI-SISO-ANT0	5725	18.00	63.10	200	3060.00	0.0206	Pass
5.8G WIFI-SISO-ANT1	5725	18.00	63.10	200	3060.00	0.0206	Pass
5.8G WIFI-MIMO	5725	17.50	56.23	200	3060.00	0.0184	Pass

For 6000MHz to 10000MHz

Evolution Mode	Distance (mm)	$\lambda / 2 \pi$ (m)	$\lambda / 2 \pi$ (mm)	R> $\lambda / 2 \pi$
6G WIFI-SISO-ANT0	200	0.007	7.000	Yes
6G WIFI-SISO-ANT1	200	0.007	7.000	Yes
6G WIFI-MIMO	200	0.007	7.000	Yes
6.4G WIFI-SISO-ANT0	200	0.007	7.000	Yes
6.4G WIFI-SISO-ANT1	200	0.007	7.000	Yes
6.4G WIFI-MIMO	200	0.007	7.000	Yes
6.5G WIFI-SISO-ANT0	200	0.007	7.000	Yes
6.5G WIFI-SISO-ANT1	200	0.007	7.000	Yes
6.5G WIFI-MIMO	200	0.007	7.000	Yes
6.8G WIFI-SISO-ANT0	200	0.007	7.000	Yes
6.8G WIFI-SISO-ANT1	200	0.007	7.000	Yes
6.8G WIFI-MIMO	200	0.007	7.000	Yes

Evolution Mode	Frequency (MHz)	Maximum Power (dBm)	Maximum Power (W)	Distance (mm)	Threshold Power (W)	Power / Limit	Verdict
6G WIFI-SISO-ANT0	6425	14.50	0.028	200	76.800	0.0004	Pass
6G WIFI-SISO-ANT1	6425	15.00	0.032	200	76.800	0.0004	Pass
6G WIFI-MIMO	6425	14.50	0.028	200	76.800	0.0004	Pass
6.4G WIFI-SISO-ANT0	6525	14.00	0.025	200	76.800	0.0003	Pass
6.4G WIFI-SISO-ANT1	6525	14.00	0.025	200	76.800	0.0003	Pass
6.4G WIFI-MIMO	6525	13.50	0.022	200	76.800	0.0003	Pass
6.5G WIFI-SISO-ANT0	6875	14.00	0.025	200	76.800	0.0003	Pass
6.5G WIFI-SISO-ANT1	6875	14.00	0.025	200	76.800	0.0003	Pass
6.5G WIFI-MIMO	6875	14.00	0.025	200	76.800	0.0003	Pass
6.8G WIFI-SISO-ANT0	7125	14.50	0.028	200	76.800	0.0004	Pass
6.8G WIFI-SISO-ANT1	7125	14.50	0.028	200	76.800	0.0004	Pass
6.8G WIFI-MIMO	7125	14.00	0.025	200	76.800	0.0003	Pass

5.4 Collocated Power Calculation

Evolution Mode	Frequency (MHz)	Power / Limit	$\Sigma(\text{Power} / \text{Limit})$ of Bluetooth + 2.4G WIFI-ANT1	Verdict
Bluetooth	2402	0.0028	0.0340	Pass
2.4G WIFI-ANT1	2412	0.0312		
Evolution Mode	Frequency (MHz)	Power / Limit	$\Sigma(\text{Power} / \text{Limit})$ of 2.4G WIFI-ANT0 + 2.4G WIFI-ANT1	Verdict
2.4G WIFI-ANT0	2412	0.0312	0.0624	Pass
2.4G WIFI-ANT1	2412	0.0312		
Evolution Mode	Frequency (MHz)	Power / Limit	$\Sigma(\text{Power} / \text{Limit})$ of 5G WIFI-ANT0 + 2.4G WIFI-ANT1	Verdict
5G WIFI-ANT0	5150	0.0234	0.0546	Pass
2.4G WIFI-ANT1	2412	0.0312		
Evolution Mode	Frequency (MHz)	Power / Limit	$\Sigma(\text{Power} / \text{Limit})$ of 6G WIFI-ANT0 + 2.4G WIFI-ANT1	Verdict
6G WIFI-ANT0	6425	0.0004	0.0316	Pass
2.4G WIFI-ANT1	2412	0.0312		
Evolution Mode	Frequency (MHz)	Power / Limit	$\Sigma(\text{Power} / \text{Limit})$ of Bluetooth + 5G WIFI-ANT1	Verdict
Bluetooth	2402	0.0028	0.0262	Pass
5G WIFI-ANT1	5150	0.0234		
Evolution Mode	Frequency (MHz)	Power / Limit	$\Sigma(\text{Power} / \text{Limit})$ of 2.4G WIFI-ANT0 + 5G WIFI-ANT1	Verdict
2.4G WIFI-ANT0	2412	0.0312	0.0546	Pass
5G WIFI-ANT1	5150	0.0234		
Evolution Mode	Frequency (MHz)	Power / Limit	$\Sigma(\text{Power} / \text{Limit})$ of 5G WIFI-ANT0 + 5G WIFI-ANT1	Verdict
5G WIFI-ANT0	5150	0.0234	0.0468	Pass
5G WIFI-ANT1	5150	0.0234		
Evolution Mode	Frequency (MHz)	Power / Limit	$\Sigma(\text{Power} / \text{Limit})$ of 6G WIFI-ANT0 + 5G WIFI-ANT1	Verdict
6G WIFI-ANT0	6425	0.0004	0.0238	Pass
5G WIFI-ANT1	5150	0.0234		

Evolution Mode	Frequency (MHz)	Power / Limit	$\Sigma(\text{Power / Limit})$ of Bluetooth + 6G WIFI-ANT1	Verdict
Bluetooth	2402	0.0028	0.0032	Pass
6G WIFI-ANT1	6425	0.0004		
Evolution Mode	Frequency (MHz)	Power / Limit	$\Sigma(\text{Power / Limit})$ of 2.4G WIFI-ANT0 + 6G WIFI-ANT1	Verdict
2.4G WIFI-ANT0	2412	0.0312	0.0316	Pass
6G WIFI-ANT1	6425	0.0004		
Evolution Mode	Frequency (MHz)	Power / Limit	$\Sigma(\text{Power / Limit})$ of 5G WIFI-ANT0 + 6G WIFI-ANT1	Verdict
5G WIFI-ANT0	5150	0.0234	0.0238	Pass
6G WIFI-ANT1	6425	0.0004		
Evolution Mode	Frequency (MHz)	Power / Limit	$\Sigma(\text{Power / Limit})$ of 6G WIFI-ANT0 + 6G WIFI-ANT1	Verdict
6G WIFI-ANT0	6425	0.0004	0.0008	Pass
6G WIFI-ANT1	6425	0.0004		

Note:

1. Either SAR-based or MPE-based exemption may be considered for test exemption for mobile device exposure conditions, therefore, the contributions from each exemption in conjunction with the measured SAR shall be used to determine exemption for simultaneous transmission according to Formula in FCC KDB 447498 D04.

$$\sum_{i=1}^a \frac{P_i}{P_{th,i}} + \sum_{j=1}^b \frac{ERP_j}{ERP_{th,j}} + \sum_{k=1}^c \frac{Evaluated_k}{Exposure\ Limit_k} \leq 1$$

- a* number of fixed, mobile, or portable RF sources claiming exemption using the § 1.1307(b)(3)(i)(B) formula for P_{th} , including existing exempt transmitters and those being added.
- b* number of fixed, mobile, or portable RF sources claiming exemption using the applicable § 1.1307(b)(3)(i)(C) Table 1 formula for Threshold ERP, including existing exempt transmitters and those being added.
- c* number of existing fixed, mobile, or portable RF sources with known evaluation for the specified minimum distance.

2. $\Sigma(\text{Power / Limit})$: This is a summation of [(power for each transmitter/ antenna included in the simultaneous transmission)/ (corresponding Power limit)], for 2.4G WIFI-ANT0 + 2.4G WIFI-ANT1.
3. Both of the 2.4GHz/5GHz/6GHz can transmit simultaneously, the formula of calculated the Power is $CP1 / LP1 + CP2 / LP2 + \dots \text{etc.} < 1$
CP = Calculation power

LP = Limit of power

4. The worst-case situation is 0.0624, which is less than “1”. This confirmed that the device comply with FCC KDB 447498 D04 Power limit.
5. The DUT work frequency range used is 2402 MHz ~ 2480 MHz, 2412 MHz ~ 2462 MHz, 5150 MHz ~ 5250 MHz and 6425 MHz ~ 6525 MHz the result close to the limit by the above formula, so we select worst case power to calculate the exclusion power threshold.

5.5 Conclusion

This EUT is deemed to comply with the reference level limits, therefore the basic restrictions are compliant with human exposure limits.

Statement

1. The laboratory guarantees the scientificity, accuracy and impartiality of the test, and is responsible for all the information in the report, except the information provided by the customer. The customer is responsible for the impact of the information provided on the validity of the results.
2. The report without China inspection body and laboratory Mandatory Approval (CMA) mark has no effect of proving to the society.
3. For the report with CNAS mark or A2LA mark, the items marked with "☆" are not within the accredited scope.
4. This report is invalid if it is altered, without the signature of the testing and approval personnel, or without the "inspection and testing dedicated stamp" or test report stamp.
5. The test data and results are only valid for the tested samples provided by the customer.
6. This report shall not be partially reproduced without the written permission of the laboratory.
7. Any objection shall be raised to the laboratory within 30 days after receiving the report.

--END OF REPORT--