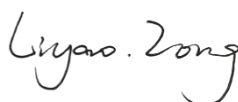


TEST REPORT

Applicant: Zhejiang ZEEKR Intelligent Technology Co., Ltd.
Address: Room 1031, Building 1, Liaohe Road Commercial Building, Xinqing Street, Beilun District, Ningbo City, Zhejiang Province, China
Equipment Type: Telematics Module
Model Name: GLM2037TDD
Brand Name: Neusoft
FCC ID: 2BGA3-GLM2037TDD
Test Standard: 47 CFR Part 2.1091
KDB 447498 D04 v01
Sample Arrival Date: Apr. 07, 2024
Test Date: Apr. 28, 2024 - May 20, 2024
Date of Issue: May 29, 2024

ISSUED BY:

Shenzhen BALUN Technology Co., Ltd.

Tested by: Xu Rui**Checked by:** Zong Liyao**Approved by:** Tolan Tu
(Testing Director)

Revision History

<u>Version</u>	<u>Issue Date</u>	<u>Revisions Content</u>
<u>Rev. 01</u>	<u>May 29, 2024</u>	<u>Initial Issue</u>

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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	Zhejiang ZEEKR Intelligent Technology Co., Ltd.
Address	Room 1031, Building 1, Liaohe Road Commercial Building, Xinqing Street, Beilun District, Ningbo City, Zhejiang Province, China

2.2 Manufacturer Information

Manufacturer	Neusoft Group (Dalian) Co., Ltd
Address	No 901-7 Huangpu Road, Ganjingzi District, Dalian City, Liaoning Province, China

2.3 General Description for Equipment under Test (EUT)

EUT Name	Telematics Module
Model Name Under Test	GLM2037TDD
Series Model Name	N/A
Description of Model name differentiation	N/A
Hardware Version	5510
Software Version	5000
Dimensions (Approx.)	N/A
Weight (Approx.)	N/A

2.4 Technical Information

Network and Wireless connectivity	2G Network GSM/GPRS/EDGE 850/1900 MHz 3G Network WCDMA/HSDPA/HSUPA Band 2/4/5 4G Network LTE FDD Band 2/4/5/7/12/14/17/25/26/66/71 LTE TDD Band 41/42 5G Network SA: NR n2/n5/n7/n12/n14/n25/n41/n66/n71/n77/n78 NSA(EN-DC): DC_5A_n2A, DC_12A_n2A, DC_66A_n2A, DC_71A_n2A, DC_2A_n5A, DC_7A_n5A, DC_66A_n5A, DC_5A_n7A, DC_12A_n7A, DC_66A_n7A, DC_2A_n66A, DC_5A_n66A, DC_12A_n66A, DC_2A_n71A, DC_7A_n71A, DC_66A_n71A, DC_2A_n78A, DC_5A_n78A, DC_7A_n78A, DC_12A_n78A, DC_66A_n78A 2.4G WIFI 802.11b, 802.11g, 802.11n(HT20/40) and 802.11ax(HE20/40) 5G WIFI 802.11a, 802.11n(HT20/40), 802.11ac(VHT20/40/80) and 802.11ax(HE20/40/80) U-NII-1/3, GPS, GLONASS, BDS, Galileo

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

Operating Mode	GSM, WCDMA, LTE, NR, WIFI		
Frequency Range	GSM 850	TX: 824 ~ 849 MHz	RX: 869 ~ 894 MHz
	GSM 1900	TX: 1850 ~ 1910 MHz	RX: 1930 ~ 1990 MHz
	WCDMA Band 2	TX: 1850 ~ 1910 MHz	RX: 1930 ~ 1990 MHz
	WCDMA Band 4	TX: 1710 ~ 1755 MHz	RX: 2110 ~ 2155 MHz
	WCDMA Band 5	TX: 824 ~ 849 MHz	RX: 869 ~ 894 MHz
	LTE Band 2	TX: 1850 ~ 1910 MHz	RX: 1930 ~ 1990 MHz
	LTE Band 4	TX: 1710 ~ 1755 MHz	RX: 2110 ~ 2155 MHz
	LTE Band 5	TX: 824 ~ 849 MHz	RX: 869 ~ 894 MHz
	LTE Band 7	TX: 2500 ~ 2570 MHz	RX: 2620 ~ 2690 MHz
	LTE Band 12	TX: 699 ~ 716 MHz	RX: 729 ~ 746 MHz
	LTE Band 14	TX: 788 ~ 798 MHz	RX: 758 ~ 768 MHz
	LTE Band 17	TX: 704 ~ 716 MHz	RX: 734 ~ 746 MHz
	LTE B25	TX: 1850 ~ 1915 MHz	RX: 1930 ~ 1995 MHz
	LTE B26	TX: 814 ~ 824 MHz &824 ~ 849 MHz	RX: 859 ~ 869 MHz &869 ~ 894 MHz
	LTE B41	TX: 2496 ~ 2690 MHz	RX: 2496 ~ 2690 MHz
	LTE B42	TX: 3450 ~ 3550 MHz	RX: 3450 ~ 3550 MHz
	LTE B66	TX: 1710 ~ 1780 MHz	RX: 2110 ~ 2180 MHz
	LTE B71	TX: 663 ~ 698 MHz	RX: 617 ~ 652 MHz
	NR n2	TX: 1850 ~ 1910 MHz	RX: 1930 ~ 1990 MHz
	NR n5	TX: 824 ~ 849 MHz	RX: 869 ~ 894 MHz
	NR n7	TX: 2500 ~ 2570 MHz	RX: 2620 ~ 2690 MHz

	NR n12	TX: 699 ~ 716 MHz	RX: 729 ~ 746 MHz
	NR n14	TX: 758 ~ 768 MHz	RX: 788 ~ 798 MHz
	NR n25	TX: 1850 ~ 1915 MHz	RX: 1930 ~ 1995 MHz
	NR n41	TX: 2496 ~ 2690 MHz	RX: 2496 ~ 2690 MHz
	NR n66	TX: 1710 ~ 1780 MHz	RX: 2110 ~ 2180 MHz
	NR n71	TX: 663 ~ 698 MHz	RX: 617 ~ 652 MHz
	NR n77	TX: 3450 ~ 3550 MHz & 3700 ~ 3980 MHz	RX: 3450~ 3550 MHz & 3700 ~ 3980 MHz
	NR n78	TX: 3450 ~ 3550 MHz & 3700 ~ 3800 MHz	RX: 3450 ~ 3550 MHz & 3700 ~ 3800 MHz
	802.11b/g /n(HT20/HT40)/ ax(HE20/HE40)	2412 ~ 2462 MHz	
	802.11a/ /n(HT20/HT40) /ac(VHT20/VHT4 0/VHT80)/ ax(HE20/HE40/H E80)	5150 ~ 5250 MHz	
5725 ~ 5850 MHz			
Antenna Type	WWAN: External Antenna WIFI: FPC Antenna		
Exposure Category	General Population/Uncontrolled Exposure		
EUT Type	Mobile Device		

3 SUMMARY OF TEST RESULT

3.1 Test Standards

No.	Identity	Document Title
1	47 CFR Part 2.1091	Radiofrequency radiation exposure evaluation: mobile devices
2	KDB 447498 D04 v01	447498 D04 Interim General RF Exposure Guidance v01

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)

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

5 ASSESSMENT RESULT

5.1 Output Power

GSM							
GSM850 Band	Burst Average Power(dBm)			Division Factors	Frame-Averaged power (dBm)		
Channel	Low Channel	Middle Channel	High Channel		Low Channel	Middle Channel	High Channel
GSM (GMSK, 1-Slot)	31.95	32.09	32.16	9.19	22.76	22.90	22.97
GPRS (GMSK, 1-Slot)	31.97	32.09	32.17	9.19	22.78	22.90	22.98
GPRS (GMSK, 2-Slots)	31.84	32.00	32.01	6.13	25.71	25.87	25.88
GPRS (GMSK, 3-Slots)	31.72	31.83	31.89	4.42	27.30	27.41	27.47
GPRS (GMSK, 4-Slots)	31.65	31.79	31.80	3.18	28.47	28.61	28.62
EGPRS (8PSK, 1-Slot)	28.72	29.07	28.84	9.19	19.53	19.88	19.65
EGPRS (8PSK, 2-Slots)	28.66	28.91	28.69	6.13	22.53	22.78	22.56
EGPRS (8PSK, 3-Slots)	28.58	28.80	28.64	4.42	24.16	24.38	24.22
EGPRS (8PSK, 4-Slots)	28.56	28.75	28.56	3.18	25.38	25.57	25.38
GSM1900 Band	Burst Average Power(dBm)			Division Factors	Frame-Averaged power(dBm)		
Channel	Low Channel	Middle Channel	High Channel		Low Channel	Middle Channel	High Channel
GSM (GMSK, 1-Slot)	28.66	28.73	28.77	9.19	19.47	19.54	19.58
GPRS (GMSK, 1-Slot)	28.69	28.76	28.74	9.19	19.50	19.57	19.55
GPRS (GMSK, 2-Slots)	28.56	28.64	28.67	6.13	22.43	22.51	22.54
GPRS (GMSK, 3-Slots)	28.42	28.55	28.59	4.42	24.00	24.13	24.17
GPRS (GMSK, 4-Slots)	28.33	28.45	28.54	3.18	25.15	25.27	25.36
EGPRS (8PSK, 1-Slot)	27.29	27.33	27.09	9.19	18.10	18.14	17.90
EGPRS (8PSK, 2-Slots)	27.14	27.13	27.17	6.13	21.01	21.00	21.04
EGPRS (8PSK, 3-Slots)	27.08	27.01	27.08	4.42	22.66	22.59	22.66
EGPRS (8PSK, 4-Slots)	27.01	27.05	27.01	3.18	23.83	23.87	23.83
Note: This table listed the worst case power value, please refer to BL-SZ2420556-501 report for more details.							

Mode	GSM	
	GSM850	GSM1900
Conducted Power (dBm)	28.62	25.36
Antenna Gain (dBm)	1.80	-1.30
ERP/EIRP (dBm)	28.27	24.06
Note: This table listed the worst case power value, please refer to BL-SZ2420556-501 report for more details.		

WCDMA			
Mode	Band 2	Band 4	Band 5
Conducted Power (dBm)	21.71	22.23	23.37
Antenna Gain (dBi)	-1.30	-1.30	1.80
ERP/EIRP (dBm)	20.41	20.93	23.02
Note: This table listed the worst case power value, please refer to BL-SZ2420556-501 report for more details.			

LTE							
Mode	Band 2	Band 4	Band 5	Band 7	Band 12	Band 14	Band 17
Conducted Power (dBm)	22.24	22.82	23.18	23.02	23.24	23.39	23.19
Antenna Gain (dBi)	-1.30	-1.30	1.80	2.20	0.30	2.90	0.30
ERP/EIRP (dBm)	20.94	21.52	22.83	25.22	21.39	24.14	21.34
Note: This table listed the worst case power value, please refer to BL-SZ2420556-501 report for more details.							

LTE							
Mode	Band 25	Band 26 (Part22)	Band 26 (Part90)	Band 66	Band 71	Band 41	Band 42
Conducted Power (dBm)	22.27	23.34	23.30	22.64	23.38	23.14	23.93
Antenna Gain (dBi)	-1.30	2.50	2.50	0.90	-1.10	2.80	5.30
ERP/EIRP (dBm)	20.97	23.69	23.65	23.54	20.13	25.94	29.23
Note: This table listed the worst case power value, please refer to BL-SZ2420556-501 report for more details.							

NR								
Mode	n2	n5	n7	n12	n14	n25	n41	n66
Conducted Power (dBm)	21.46	22.98	22.52	23.36	23.08	22.00	25.63	22.07
Antenna Gain (dBi)	-1.30	1.80	2.20	0.30	2.90	-1.30	2.80	0.90
ERP/EIRP (dBm)	20.16	22.63	24.72	21.51	23.83	20.70	28.43	22.97
Note: This table listed the worst case power value, please refer to BL-SZ2420556-501 report for more details.								

NR					
Mode	n71	n77 (3450-3550MHz)	n77 (3700-3980MHz)	n78 (3450-3550MHz)	n78 (3700-3800MHz)
Conducted Power (dBm)	22.98	24.31	23.57	24.37	24.04
Antenna Gain (dBi)	-1.10	5.30	4.50	5.30	4.50
ERP/EIRP (dBm)	19.73	29.61	28.07	29.67	28.54
Note: This table listed the worst case power value, please refer to BL-SZ2420556-501 report for more details.					

Mode	2.4G WIFI		
	SISO-Antenna 1	SISO-Antenna 2	MIMO
Conducted Power (dBm)	12.91	12.89	16.42
Antenna Gain (dBm)	2.00	2.00	2.00
ERP/EIRP (dBm)	14.91	14.89	18.42

Note: This table listed the worst case power value, please refer to BL-SZ2420556-601 report for more details.

Mode	5.2G WIFI		
	SISO-Antenna 1	SISO-Antenna 2	MIMO
Conducted Power (dBm)	8.96	8.96	12.32
Antenna Gain (dBm)	2.00	2.00	2.00
ERP/EIRP (dBm)	10.96	10.96	14.32

Note: This table listed the worst case power value, please refer to BL-SZ2420556-602 report for more details.

Mode	5.8G WIFI		
	SISO-Antenna 1	SISO-Antenna 2	MIMO
Conducted Power (dBm)	7.94	7.97	11.40
Antenna Gain (dBm)	2.00	2.00	2.00
ERP/EIRP (dBm)	9.94	9.97	13.40

Note: This table listed the worst case power value, please refer to BL-SZ2420556-602 report for more details.

5.2 Tune-up power

Mode		Conducted Power Range (dBm)	EIRP Range (dBm)	ERP Range (dBm)
GSM	850	[27.00,29.00]	/	[26.85,28.85]
	1900	[24.00,26.00]	[23.00,25.00]	[20.85,22.85]
WCDMA	Band 2	[20.00,22.00]	[19.00,21.00]	[16.85,18.85]
	Band 4	[21.00,23.00]	[19.00,21.00]	[16.85,18.85]
	Band 5	[22.00,24.00]	/	[21.85,23.85]
LTE	Band 2	[21.00,23.00]	[19.00,21.00]	[16.85,18.85]
	Band 4	[21.00,23.00]	[20.00,22.00]	[17.85,19.85]
	Band 5	[22.00,24.00]	/	[21.85,23.85]
	Band 7	[22.00,24.00]	[24.00,26.00]	[21.85,23.85]
	Band 12	[22.00,24.00]	/	[20.85,22.85]
	Band 14	[23.00,25.00]	/	[23.85,25.85]
	Band 17	[22.00,24.00]	/	[19.85,21.85]
	Band 25	[21.00,23.00]	[20.00,22.00]	[17.85,19.85]
	Band26(Part22)	[22.00,24.00]	/	[22.85,24.85]
	Band26(Part90)	[22.00,24.00]	/	[22.85,24.85]
	Band 66	[21.00,23.00]	[22.00,24.00]	[19.85,21.85]
	Band 71	[22.00,24.00]	/	[18.85,20.85]

	Band 41	[22.00,24.00]	[25.00,27.00]	[22.85,24.85]
	Band 42	[22.00,24.00]	[28.00,30.00]	[25.85,27.85]
NR	n2	[20.00,22.00]	[19.00,21.00]	[16.85,18.85]
	n5	[22.00,24.00]	/	[21.85,23.85]
	n7	[22.00,24.00]	[24.00,26.00]	[21.85,23.85]
	n12	[22.00,24.00]	/	[20.85,22.85]
	n14	[22.00,24.00]	/	[22.85,24.85]
	n25	[21.00,23.00]	[20.00,22.00]	[17.85,19.85]
	n41	[25.00,27.00]	[27.00,29.00]	[24.85,26.85]
	n66	[21.00,23.00]	[22.00,24.00]	[19.85,21.85]
	n71	[22.00,24.00]	/	[18.85,20.85]
	n77 (3450-3550MHz)	[23.00,25.00]	[29.00,31.00]	[26.85,28.85]
	n77 (3700-3980MHz)	[23.00,25.00]	[27.00,29.00]	[24.85,26.85]
	n78 (3450-3550MHz)	[23.00,25.00]	[28.00,30.00]	[25.85,27.85]
	n78 (3700-3800MHz)	[23.00,25.00]	[27.00,29.00]	[24.85,26.85]
2.4G WIFI	SISO-Antenna 1	[12.00,14.00]	[14.00,16.00]	[11.85,13.85]
	SISO-Antenna 2	[12.00,14.00]	[14.00,16.00]	[11.85,13.85]
	MIMO	[15.00,17.00]	[17.00,19.00]	[14.85,16.85]
5.2G WIFI	SISO-Antenna 1	[8.00,10.00]	[10.00,12.00]	[7.85,9.85]
	SISO-Antenna 2	[8.00,10.00]	[10.00,12.00]	[7.85,9.85]
	MIMO	[11.00,13.00]	[13.00,15.00]	[10.85,12.85]
5.8G WIFI	SISO-Antenna 1	[7.00,9.00]	[9.00,11.00]	[6.85,8.85]
	SISO-Antenna 2	[7.00,9.00]	[9.00,11.00]	[6.85,8.85]
	MIMO	[10.00,12.00]	[12.00,14.00]	[9.85,11.85]
Note1: ERP= EIRP -2.15dB. Note2: 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

Evolution mode		Maximum power (dBm)	Maximum power (mw)	Distance (mm)	Threshold Power (mW)	Power / Limit	Verdict
GSM	850	29.00	794.33	200	1731.96	0.459	Pass
	1900	26.00	398.11	200	3060.00	0.130	Pass
WCDMA	Band 2	22.00	158.49	200	3060.00	0.052	Pass
	Band 4	23.00	199.53	200	3060.00	0.065	Pass
	Band 5	24.00	251.19	200	1731.96	0.145	Pass
LTE	Band 2	23.00	199.53	200	3060.00	0.065	Pass
	Band 4	23.00	199.53	200	3060.00	0.065	Pass
	Band 5	24.00	251.19	200	1731.96	0.145	Pass
	Band 7	24.00	251.19	200	3060.00	0.082	Pass
	Band 12	24.00	251.19	200	1460.64	0.172	Pass
	Band 14	25.85	384.59	200	1627.92	0.236	Pass
	Band 17	24.00	251.19	200	1460.64	0.172	Pass
	Band 25	23.00	199.53	200	3060.00	0.065	Pass
	Band26(Part22)	24.85	305.49	200	1731.96	0.176	Pass
	Band26(Part90)	24.85	305.49	200	1680.96	0.182	Pass
	Band 66	23.00	199.53	200	3060.00	0.065	Pass
	Band 71	24.00	251.19	200	1423.92	0.176	Pass
	Band 41	24.85	305.49	200	3060.00	0.100	Pass
	Band 42	27.85	609.54	200	3060.00	0.199	Pass
NR	n2	22.00	158.49	200	3060.00	0.052	Pass
	n5	24.00	251.19	200	1731.96	0.145	Pass
	n7	24.00	251.19	200	3060.00	0.082	Pass
	n12	24.00	251.19	200	1460.64	0.172	Pass
	n14	24.85	305.49	200	1627.92	0.188	Pass
	n25	23.00	199.53	200	3060.00	0.065	Pass
	n41	27.00	501.19	200	3060.00	0.164	Pass
	n66	23.00	199.53	200	3060.00	0.065	Pass
	n71	24.00	251.19	200	1423.92	0.176	Pass
	n77 (3450-3550MHz)	28.85	767.36	200	3060.00	0.251	Pass
	n77 (3700-3980MHz)	26.85	484.17	200	3060.00	0.158	Pass
	n78 (3450-3550MHz)	27.85	609.54	200	3060.00	0.199	Pass
	n78 (3700-3800MHz)	26.85	484.17	200	3060.00	0.158	Pass
2.4G WIFI	SISO-Antenna 1	14.00	25.12	200	3060.00	0.008	Pass
	SISO-Antenna 2	14.00	25.12	200	3060.00	0.008	Pass

	MIMO	17.00	50.12	200	3060.00	0.016	Pass
5.2G WIFI	SISO-Antenna 1	10.00	10.00	200	3060.00	0.003	Pass
	SISO-Antenna 2	10.00	10.00	200	3060.00	0.003	Pass
	MIMO	13.00	19.95	200	3060.00	0.007	Pass
5.8G WIFI	SISO-Antenna 1	9.00	7.94	200	3060.00	0.003	Pass
	SISO-Antenna 2	9.00	7.94	200	3060.00	0.003	Pass
	MIMO	12.00	15.85	200	3060.00	0.005	Pass

5.4 Collocated Power Calculation

Evolution mode	Frequency(MHz)	Power /Limit	$\Sigma(\text{Power / Limit})$ of WWAN + WLAN	Verdict
GSM850	824MHz ~ 849MHz	0.469	0.492	Pass
2.4G WIFI MIMO	2412MHz ~ 2462 MHz	0.016		
5.2G WIFI MIMO	5150MHz ~ 5250 MHz	0.007		

Note:

- $\Sigma(\text{Power / Limit})$: This is a summation of [(power for each transmitter/ antenna included in the simultaneous transmission)/ (corresponding Power limit)], for WWAN+WLAN 2.4GHz+WLAN 5GHz.
- Both of the WWAN+2.4GHz/5GHz 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
- The worst-case situation is 0.492, which is less than "1". This confirmed that the device comply with FCC KDB 447498 D04 Power limit.
- The DUT work frequency range used is 824MHz ~ 849MHz, 2412MHz ~ 2462 MHz and 5150 MHz~ 5250 MHz the result close to the limit by the above formula, so we select worst case power to calculate the exclusion power threshold.
- More power list please refer to BL-SZ2420556-501,601,602 test report.

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.
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--END OF REPORT--