

TEST REPORT

Applicant: Franklin Technology
Address: #906 JEI Platz, 186, Gasan digital1-ro,
Geumcheon-gu, Seoul 08502 Korea
Equipment Type: Module
Model Name: M3100
Brand Name: Franklin Wireless
FCC ID: XHG-M3100
Test Standard: 47 CFR Part 2.1091
KDB 447498 D04 v01
Test Date: Sep. 03, 2024 - Oct. 22, 2024
Date of Issue: Nov. 14, 2024

ISSUED BY:

Shenzhen BALUN Technology Co., Ltd.

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

Revision History

<u>Version</u>	<u>Issue Date</u>	<u>Revisions Content</u>
<u>Rev. 01</u>	<u>Nov. 14, 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	Franklin Technology
Address	#906 JEI Platz, 186, Gasan digital1-ro, Geumcheon-gu, Seoul 08502 Korea

2.2 Manufacturer Information

Manufacturer	Franklin Technology
Address	#906 JEI Platz, 186, Gasan digital1-ro, Geumcheon-gu, Seoul 08502 Korea

2.3 Factory Information

Factory	N/A
Address	N/A

2.4 General Description for Equipment under Test (EUT)

EUT Name	Module
Model Name Under Test	M3100
Series Model Name	N/A
Description of Model name differentiation	N/A
Hardware Version	P1
Software Version	RG3100.FR.1068
Dimensions (Approx.)	L:133mm, W:85mm, H:25.3mm
Weight (Approx.)	N/A

2.5 Technical Information

Network and Wireless connectivity	3G Network WCDMA/HSDPA/HSUPA Band 2/4/5
	4G Network FDD LTE Band 2/4/5/7/12/13/14/25/26/30/66/71 TDD LTE Band 38/40/41/48 LTE CA Uplink (UL): CA_5B, CA_41C, CA_66C 5G Network SA: NR n2/n5/n14/n25/n30/n41/n48/n66/n71/n77/n78 SA UL MIMO: n2/n25/n41/n48/n66/n77 TXD:n41 PC1.5, n77 PC1.5(3450-3550), n77 PC1.5(3700-3980) NSA(EN-DC): DC_2A_n5A, DC_2A_n41A, DC_2A_n66A, DC_2A_n71A, DC_2A_n77A(3450-3550), DC_2A_n77A(3700-3980), DC_5A_n2A, DC_5A_n77A(3450-3550), DC_5A_n77A(3700-3980), DC_12A_n2A, DC_12A_n66A, DC_12A_n77A(3450-3550), DC_12A_n77A(3770-3980), DC_14A_n2A, DC_14A_n66A, DC_14A_n77A(3450-3550), DC_14A_n77A(3770-3980), DC_30A_n2A, DC_30A_n5A, DC_30A_n66A, DC_30A_n77A(3450-3550), DC_30A_n77A(3770-3980), DC_66A_n2A, DC_66A_n5A, DC_66A_n25A, DC_66A_n41A, DC_66A_n71A, DC_66A_n77A(3450-3550), DC_66A_n77A(3770-3980)

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

Operating Mode	WWAN		
Frequency Range	WCDMA B2	TX: 1850 ~ 1910 MHz	RX: 1930 ~ 1990 MHz
	WCDMA B4	TX: 1710 ~ 1755 MHz	RX: 2110 ~ 2155 MHz
	WCDMA B5	TX: 824 ~ 849 MHz	RX: 869 ~ 894 MHz
	LTE B2	TX: 1850 ~ 1910 MHz	RX: 1930 ~ 1990 MHz
	LTE B4	TX: 1710 ~ 1755 MHz	RX: 2110 ~ 2155 MHz
	LTE B5	TX: 824 ~ 849 MHz	RX: 869 ~ 894 MHz
	LTE B7	TX: 2500 ~ 2570 MHz	RX: 2620 ~ 2690 MHz
	LTE B12	TX: 699 ~ 716 MHz	RX: 729 ~ 746 MHz
	LTE B13	TX: 777 ~ 787 MHz	RX: 746 ~ 756 MHz
	LTE B14	TX: 788 ~ 798 MHz	RX: 758 ~ 768 MHz
	LTE B25	TX: 1850 ~ 1915 MHz	RX: 1930 ~ 1995 MHz
	LTE B26	TX: 814 ~ 849 MHz	RX: 859 ~ 894 MHz
	LTE B30	TX: 2305 ~ 2315 MHz	RX: 2350 ~ 2360 MHz
	LTE B38	TX: 2570 ~ 2620 MHz	RX: 2570 ~ 2620 MHz
	LTE B40	TX: 2300 ~ 2400 MHz	RX: 2300 ~ 2400 MHz
	LTE B41	TX: 2496 ~ 2690 MHz	RX: 2496 ~ 2690 MHz
	LTE B48	TX: 3550 ~ 3700 MHz	RX: 3550 ~ 3700 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 n14	TX: 788 ~ 798 MHz	RX: 758 ~ 768 MHz
	NR n25	TX: 1850 ~ 1915 MHz	RX: 1930 ~ 1995 MHz
	NR n30	TX: 2305 ~ 2315 MHz	RX: 2350 ~ 2360 MHz
	NR n41	TX: 2496 ~ 2690 MHz	RX: 2496 ~ 2690 MHz
	NR n48	TX: 3550 ~ 3700 MHz	RX: 3550 ~ 3700 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	RX: 3450 ~ 3550 MHz
		TX: 3700 ~ 3980 MHz	RX: 3700 ~ 3980 MHz
	NR n78	TX: 3450 ~ 3550 MHz	RX: 3450 ~ 3550 MHz
		TX: 3700 ~ 3800 MHz	RX: 3700 ~ 3800 MHz
Antenna Type	WWAN	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	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

According with FCC KDB 447498 D04, Appendix A, Per § 1.1307(b)(3)(i)(A), a single RF source is exempt RF device (from the requirement to show data demonstrating compliance to RF exposure limits, as previously mentioned) if the available maximum time-averaged power is no more than 1 mW, regardless of separation distance.

This exemption applies to all operating configurations and exposure conditions, for the frequency range 100 kHz to 100 GHz, regardless of fixed, mobile, or portable device exposure conditions. This is a standalone exemption, and it cannot be applied in conjunction with any other test exemption.

When maximum available power each individual transmitting antenna within the same time averaging period is ≤ 1 mW, and the nearest parts of the antenna structures of the simultaneously operating transmitters are separated by at least 2 cm.

When the aggregate maximum available power of all transmitting antennas is ≤ 1 mW in the same time-averaging period.

5 ASSESSMENT RESULT

5.1 Output Power

WCDMA			
Mode	Band 2	Band 4	Band 5
Conducted Power (dBm)	23.77	24.15	24.41
Antenna Gain (dBi)	0.51	-0.71	0.89
ERP/EIRP (dBm)	24.28	23.44	23.15
Note: This report listed the worst case conducted power value, please refer to RF test report No.BL-SH2480562-501 for more details.			

LTE-FDD						
Mode	Band 2	Band 4	Band 5	Band 7	Band 12	Band 13
Conducted Power (dBm)	24.40	24.34	25.63	24.50	24.71	24.66
Antenna Gain (dBi)	0.51	-0.46	-0.40	4.03	4.06	0.74
ERP/EIRP (dBm)	24.91	23.88	23.08	28.53	26.62	23.25
Mode	Band 14	Band 25	Band 26	Band 30	Band 66	Band 71
Conducted Power (dBm)	24.70	22.95	24.54	21.21	24.81	24.60
Antenna Gain (dBi)	0.74	0.51	0.93	2.45	0.02	4.06
ERP/EIRP (dBm)	23.29	23.46	23.32	23.66	24.83	26.51
Note: This report listed the worst case conducted power value, please refer to RF test report No.BL-SH2480562-501 for more details.						

LTE-TDD				
Mode	Band 38	Band 40	Band 41	Band 48
Conducted Power (dBm)	24.89	23.39	25.12	22.08
Antenna Gain (dBi)	3.40	-2.83	4.03	0.68
ERP/EIRP (dBm)	28.29	20.56	29.15	22.76
Note: This report listed the worst case conducted power value, please refer to RF test report No.BL-SH2480562-501 for more details.				

LTE-CA (UL)			
Mode	CA_5B	CA_41C	CA_66C
Conducted Power (dBm)	24.69	28.92	25.85
Antenna Gain (dBi)	0.89	4.03	-0.02
ERP/EIRP (dBm)	25.58	32.95	25.83
Note: This report listed the worst case conducted power value, please refer to RF test report No.BL-SH2480562-501 for more details.			

NR-FDD							
Mode	n2	n5	n14	n25	n30	n66	n71
Conducted Power (dBm)	25.65	24.95	24.94	23.55	23.71	22.67	24.18
Antenna Gain (dBi)	0.51	0.89	0.74	0.51	0.74	0.02	3.38
ERP/EIRP (dBm)	26.16	23.69	23.53	24.06	24.45	22.69	25.41
Note: This report listed the worst case conducted power value, please refer to RF test report No.BL-SH2480562-501 for more details.							

NR-TDD				
Mode	n41	n48	n77	n78
Conducted Power (dBm)	25.71	22.19	26.01	24.44
Antenna Gain (dBi)	2.15	0.68	2.77	2.77
ERP/EIRP (dBm)	27.86	22.87	28.78	27.21
Note: This report listed the worst case conducted power value, please refer to RF test report No.BL-SH2480562-501 for more details.				

NR-UL MIMO						
Mode	n2	n25	n41	n48	n66	n77
Conducted Power (dBm)	20.97	22.53	24.5	21.10	22.41	26.67
Antenna Gain (dBi)	0.51	0.51	2.15	0.68	0.02	2.77
ERP/EIRP (dBm)	21.48	23.04	26.65	21.78	22.43	29.44
Note: This report listed the worst case conducted power value, please refer to RF test report No.BL-SH2480562-501 for more details.						

EN-DC						
Mode	DC_2A_n5A	DC_2A_n41A	DC_2A_n66A	DC_2A_n71A	DC_2A_n77A	DC_5A_n2A
ERP/EIRP (dBm)	24.44	24.84	24.26	23.76	25.93	24.45
Mode	DC_5A_n77A	DC_12A_n2A	DC_12A_n66A	DC_12A_n77A	DC_14A_n2A	DC_14A_n66A
ERP/EIRP (dBm)	25.44	24.65	25.32	25.65	24.63	25.30
Mode	DC_14A_n77A	DC_30A_n2A	DC_30A_n5A	DC_30A_n66A	DC_30A_n77A	DC_66A_n2A
ERP/EIRP (dBm)	25.60	25.55	24.74	24.80	26.12	25.72
Mode	DC_66A_n5A	DC_66A_n25A	DC_66A_n41A	DC_66A_n71A	DC_66A_n77A	
ERP/EIRP (dBm)	24.85	24.85	25.01	23.88	26.12	
Note: This report listed the worst case conducted power value, please refer to RF test report No.BL-SH2480562-501 for more details.						

TXD		
Mode	n41	n77
ERP/EIRP (dBm)	31.22	29.26
Note: This report listed the worst case conducted power value, please refer to RF test report No.BL-SH2480562-501 for more details.		

5.2 Tune-up power

Mode		Conducted Power Range (dBm)	EIRP Range (dBm)	ERP Range (dBm)
WCDMA	Band 2	【22.50,24.50】	【23.01,25.01】	【20.86,22.86】
	Band 4	【23.00,25.00】	【22.29,24.29】	【20.14,22.14】
	Band 5	【23.50,25.50】	/	【22.24,24.24】
LTE	Band 2	【23.50,25.50】	【24.01,26.01】	【21.86,23.86】
	Band 4	【23.50,25.50】	【23.04,25.04】	【20.89,22.89】
	Band 5	【24.50,26.50】	/	【21.95,23.95】
	Band 7	【23.50,25.50】	【27.53,29.53】	【25.38,27.38】
	Band 12	【23.50,25.50】	/	【25.41,27.41】
	Band 13	【23.50,25.50】	/	【22.09,24.09】
	Band 14	【23.50,25.50】	/	【22.09,24.09】
	Band 25	【22.00,24.00】	【22.51,24.51】	【20.36,22.36】
	Band 26	【23.50,25.50】	/	【22.28,24.28】
	Band 30	【20.00,22.00】	【22.45,24.45】	【20.30,22.30】
	Band 66	【24.00,26.00】	【24.02,26.02】	【21.87,23.87】
	Band 71	【23.50,25.50】	/	【25.41,27.41】
	Band 38	【24.00,26.00】	【27.40,29.40】	【25.25,27.25】
	Band 40	【22.50,24.50】	【19.67,21.67】	【17.52,19.52】
	Band 41	【24.00,26.00】	【28.03,30.03】	【25.88,27.88】
	Band 48	【21.00,23.00】	【21.68,23.68】	【19.53,21.53】
LTE-CA (UL)	CA_5B	【23.50,25.50】	/	【22.24,24.24】
	CA_41C	【28.00,30.00】	【32.03,34.03】	【29.88,30.88】
	CA_66C	【25.00,27.00】	【24.98,26.98】	【22.83,24.83】

NR	n2	【24.50,26.50】	【25.01,27.01】	【22.86,24.86】
	n5	【24.00,26.00】	/	【22.74,24.74】
	n14	【24.00,26.00】	/	【22.59,24.59】
	n25	【22.50,24.50】	【23.01,25.01】	【20.86,22.86】
	n30	【22.50,24.50】	【23.24,25.24】	【21.09,23.09】
	n41	【24.50,26.50】	【26.65,28.65】	【24.50,26.50】
	n48	【21.00,23.00】	【21.68,23.68】	【19.53,21.53】
	n66	【21.50,23.50】	【21.52,23.52】	【19.37,21.37】
	n71	【23.00,25.00】	/	【24.23,26.23】
	n77	【25.00,27.00】	【27.77,29.77】	【25.62,27.62】
	n78	【23.50,25.50】	【26.27,28.27】	【24.12,26.12】
NR-UL MIMO	n2	【20.00,22.00】	【20.51,22.51】	【18.36,20.36】
	n25	【21.50,23.50】	【22.01,24.01】	【19.86,21.86】
	n41	【23.50,25.50】	【25.65,27.65】	【23.50,25.50】
	n48	【20.00,22.00】	【20.68,22.68】	【18.53,20.53】
	n66	【21.50,23.50】	【21.52,23.52】	【19.37,21.37】
	n77	【25.50,27.50】	【28.27,30.27】	【26.12,28.12】
EN-DC	DC_2A_n5A	/	【23.50,25.50】	/
	DC_2A_n41A	/	【24.00,26.00】	/
	DC_2A_n66A	/	【23.50,25.50】	/
	DC_2A_n71A	/	【22.50,24.50】	/
	DC_2A_n77A	/	【25.00,27.00】	/
	DC_5A_n2A	/	【23.50,25.50】	/
	DC_5A_n77A	/	【24.50,26.50】	/
	DC_12A_n2A	/	【23.50,25.50】	/
	DC_12A_n66A	/	【24.50,26.50】	/
	DC_12A_n77A	/	【24.50,26.50】	/
	DC_14A_n2A	/	【23.50,25.50】	/
	DC_14A_n66A	/	【24.50,26.50】	/

	DC_14A_n77A	/	【24.50,26.50】	/
	DC_30A_n2A	/	【24.50,26.50】	/
	DC_30A_n5A	/	【23.50,25.50】	/
	DC_30A_n66A	/	【24.00,26.00】	/
	DC_30A_n77A	/	【25.00,27.00】	/
	DC_66A_n2A	/	【24.50,26.50】	/
	DC_66A_n5A	/	【24.00,26.00】	/
	DC_66A_n25A	/	【24.00,26.00】	/
	DC_66A_n41A	/	【24.00,26.00】	/
	DC_66A_n71A	/	【23.00,25.00】	/
	DC_66A_n77A	/	【25.00,27.00】	/
TXD	n41	/	【30.00,32.00】	/
	n77	/	【28.00,30.00】	/
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

Mode		f(MHz)	d(cm)	Maximum power (dBm)	Maximum power (mw)	Threshold Power (mW)	P/Plimit	Verdict
WCDMA	Band 2	1850	20	25.01	316.96	3060.00	0.1036	Pass
	Band 4	1710	20	25.00	316.23	3060.00	0.1033	Pass
	Band 5	824	20	25.50	354.81	1680.96	0.2111	Pass
LTE	Band 2	1850	20	26.01	399.02	3060.00	0.1304	Pass
	Band 4	1710	20	25.50	354.81	3060.00	0.1160	Pass
	Band 5	824	20	26.50	446.68	1680.96	0.2657	Pass
	Band 7	2500	20	29.53	897.43	3060.00	0.2933	Pass
	Band 12	699	20	27.41	550.81	1425.96	0.3863	Pass
	Band 13	777	20	25.50	354.81	1585.08	0.2238	Pass
	Band 14	788	20	25.50	354.81	1607.52	0.2207	Pass
	Band 25	1850	20	24.51	282.49	3060.00	0.0923	Pass
	Band 26	814	20	25.50	354.81	1660.56	0.2137	Pass

	Band 30	2305	20	24.45	278.61	3060.00	0.0910	Pass
	Band 66	1710	20	26.02	399.94	3060.00	0.1307	Pass
	Band 71	663	20	27.41	550.81	1352.52	0.4072	Pass
	Band 38	2570	20	29.40	870.96	3060.00	0.2846	Pass
	Band 40	2300	20	24.50	281.84	3060.00	0.0921	Pass
	Band 41	2496	20	30.03	1006.93	3060.00	0.3291	Pass
	Band 48	3550	20	23.68	233.35	3060.00	0.0763	Pass
LTE-CA (UL)	CA_5B	824	20	25.50	354.81	1680.96	0.2111	Pass
	CA_41C	2496	20	34.03	2529.30	3060.00	0.8266	Pass
	CA_66C	1710	20	27.00	501.19	3060.00	0.1638	Pass
NR	n2	1850	20	27.01	502.34	3060.00	0.1642	Pass
	n5	824	20	26.00	398.11	1680.96	0.2368	Pass
	n14	788	20	26.00	398.11	1607.52	0.2477	Pass
	n25	1850	20	25.01	316.96	3060.00	0.1036	Pass
	n30	2305	20	25.24	334.20	3060.00	0.1092	Pass
	n41	2496	20	28.65	732.82	3060.00	0.2395	Pass
	n48	3550	20	23.68	233.35	3060.00	0.0763	Pass
	n66	1710	20	23.52	224.91	3060.00	0.0735	Pass
	n71	663	20	26.23	419.76	1352.52	0.3104	Pass
	n77	3450	20	29.77	948.42	3060.00	0.3099	Pass
	n78	3450	20	28.27	671.43	3060.00	0.2194	Pass
NR-UL MIMO	n2	1850	20	22.51	178.24	3060.00	0.0582	Pass
	n25	1850	20	24.01	251.77	3060.00	0.0823	Pass
	n41	2496	20	27.65	582.10	3060.00	0.1902	Pass
	n48	3550	20	22.68	185.35	3060.00	0.0606	Pass
	n66	1710	20	23.52	224.91	3060.00	0.0735	Pass
	n77	3450	20	30.27	1064.14	3060.00	0.3478	Pass
EN-DC	DC_2A_n5A	1850	20	25.50	354.81	3060.00	0.1160	Pass
	DC_2A_n41A	1850	20	26.00	398.11	3060.00	0.1301	Pass
	DC_2A_n66A	1850	20	25.50	354.81	3060.00	0.1160	Pass
	DC_2A_n71A	1850	20	24.50	281.84	3060.00	0.0921	Pass
	DC_2A_n77A	1850	20	27.00	501.19	3060.00	0.1638	Pass
	DC_5A_n2A	824	20	25.50	354.81	1680.96	0.2111	Pass
	DC_5A_n77A	824	20	26.50	446.68	1680.96	0.2657	Pass

	DC_12A_n2A	699	20	25.50	354.81	1425.96	0.2488	Pass
	DC_12A_n66A	699	20	26.50	446.68	1425.96	0.3132	Pass
	DC_12A_n77A	699	20	26.50	446.68	1425.96	0.3132	Pass
	DC_14A_n2A	788	20	25.50	354.81	1607.52	0.2207	Pass
	DC_14A_n66A	788	20	26.50	446.68	1607.52	0.2779	Pass
	DC_14A_n77A	788	20	26.50	446.68	1607.52	0.2779	Pass
	DC_30A_n2A	2305	20	26.50	446.68	3060.00	0.1460	Pass
	DC_30A_n5A	2305	20	25.50	354.81	3060.00	0.1160	Pass
	DC_30A_n66A	2305	20	26.00	398.11	3060.00	0.1301	Pass
	DC_30A_n77A	2305	20	27.00	501.19	3060.00	0.1638	Pass
	DC_66A_n2A	1710	20	26.50	446.68	3060.00	0.1460	Pass
	DC_66A_n5A	1710	20	26.00	398.11	3060.00	0.1301	Pass
	DC_66A_n25A	1710	20	26.00	398.11	3060.00	0.1301	Pass
	DC_66A_n41A	1710	20	26.00	398.11	3060.00	0.1301	Pass
	DC_66A_n71A	1710	20	25.00	316.23	3060.00	0.1033	Pass
	DC_66A_n77A	1710	20	27.00	501.19	3060.00	0.1638	Pass
TXD	n41	2496	20	32.00	1584.89	3060.00	0.5179	Pass
	n77	3450	20	30.00	1000.00	3060.00	0.3268	Pass

Note:

1. The worst-case situation is 0.8266, which is less than "1". This confirmed that the device comply with FCC KDB 447498 D04 Power limit.
2. More power list please refer to test report No. BL-SH2480562-501.

5.4 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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7. Any objection shall be raised to the laboratory within 30 days after receiving the report.

--END OF REPORT--