

FCC RF Test Report

(5G NR)

Report No.: JYTSZ-R12-2500544

Applicant: Shenzhen Gotron Electronic CO., LTD.

Address of Applicant: 7B01, Building A, Block 1, Anhongji Tianyao Plaza, Longhua District, Shenzhen City, Guangdong Province China

Equipment Under Test (EUT)

Product Name: Smart Phone

Model No.: GQ5017, Armor 34 Pro, Armor 34, Armor 34 Ultra, Armor 34T Ultra, Armor 34T Pro, Armor 34 Lite, Armor 34s, Armor 34s Pro

Trade Mark: ulefone

FCC ID: 2AOWK-5017

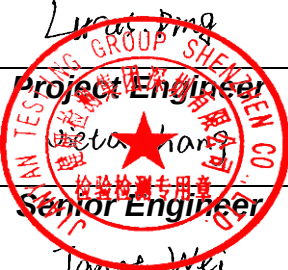
Applicable Standards: FCC CFR Title 47 Part 2, 27L& N

Date of Sample Receipt: 24 Mar., 2025

Date of Test: 25 Mar., to 21 Apr., 2025

Date of Report Issued: 16 Jul., 2025

Test Result: PASS

Project by:		Date:	16 Jul., 2025
Reviewed by:		Date:	16 Jul., 2025
Approved by:		Date:	16 Jul., 2025

Manager

This equipment has been shown to be capable of compliance with the applicable technical standards as indicated in the measurement report and was tested in accordance with the measurement procedures specified in above the application standard version. Test results reported herein relate only to the item(s) tested.

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1 Version

Version No.	Date	Description
00	22 Apr., 2025	Original
01	16 Jul., 2025	Updated pages 5 ,12 and 14~17

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3 General Information

3.1 Client Information

Applicant:	Shenzhen Gotron Electronic CO., LTD.
Address:	7B01, Building A, Block 1, Anhongji Tianyao Plaza, Longhua District, Shenzhen City, Guangdong Province China
Manufacturer:	Shenzhen Gotron Electronic CO., LTD.
Address:	7B01, Building A, Block 1, Anhongji Tianyao Plaza, Longhua District, Shenzhen City, Guangdong Province China

3.2 General Description of E.U.T.

Product Name:	Smart Phone				
Model No.:	GQ5017, Armor 34 Pro, Armor 34, Armor 34 Ultra, Armor 34T Ultra, Armor 34T Pro, Armor 34 Lite, Armor 34s, Armor 34s Pro				
Operation Frequency Range:	Band n66:	Tx: 1710 MHz - 1780 MHz		Rx: 2110 MHz - 2200 MHz	
	Band n71:	Tx: 663 MHz - 698 MHz		Rx: 617 MHz - 652 MHz	
Modulation Type:	☒ DFT-s-OFDM:		Pi/2-BPSK, QPSK, 16-QAM, 64-QAM, 256-QAM		
	☒ CP-OFDM:		QPSK, 16-QAM, 64-QAM, 256-QAM		
Network Mode:	☒ SA:	n66, n71			
SCS Support:	☒ 15 kHz	☒ 30 kHz	☐ 60 kHz	☐ 120 kHz	
Antenna Type:	Internal Antenna				
Antenna Gain:	Band n66:	-0.5 dBi (declare by Applicant)			
	Band n71:	-4.8 dBi (declare by Applicant)			
Power Supply:	Rechargeable Li-ion Battery DC3.87V, 25500mAh				
AC Adapter:	Model:HJ-PD66W-US Input: AC100-240V, 50/60Hz, 1.5A Output: DC 5.0V, 3.0A 15.0W OR 9.0V, 3.0A 27.0W OR 12.0V, 3.0A 36.0W OR 15.0V, 3.0A 45.0W OR 20.0V 3.25A 65W OR 11.0V, 6.0A 66.0W MAX				
Remark:	GQ5017, Armor 34 Pro, Armor 34, Armor 34 Ultra, Armor 34T Ultra, Armor 34T Pro, Armor 34 Lite, Armor 34s, Armor 34s Pro were identical inside, the electrical circuit design, layout, components used and internal wiring, with only difference being model name.				
Test Sample Condition:	The test samples were provided in good working order with no visible defects.				

3.3 Test Mode and Environment

Test Mode:	
DFT-s-OFDM access mode:	Keep the EUT communication with simulated station in Pi/2-BPSK, QPSK, 16-QAM, 64-QAM, 256-QAM modulation of DFT-s-OFDM access mode.
CP-OFDM access mode:	Keep the EUT communication with simulated station in Pi/2-BPSK, QPSK, 16-QAM, 64-QAM, 256-QAM modulation of CP-OFDM access mode.
Remark: The EUT has been tested under continuous transmitting mode. Channel Low, Mid and High for each type band with rated data rate were chosen for full testing. The field strength of spurious radiation emission was measured as EUT stand-up position (H mode) and lie down position (E1, E2 mode) for these modes. Just the worst case position (H mode) shown in report.	
Operating Environment:	
Temperature:	15°C ~ 35°C
Humidity:	20 % ~ 75 % RH
Atmospheric Pressure:	1008 mbar
Voltage:	Nominal: 3.87 Vdc, Extreme: Low 3.00 Vdc, High 4.45 Vdc
Test Engineer:	Easion Wu(Conducted measurement) Robin Gu(Radiated measurement)

3.4 Description of Test Auxiliary Equipment

Test Equipment	Manufacturer	Model No.	Serial No.
UXM 5G Wireless Test Platform	KEYSIGHT	E7515B	MY60192444

3.5 Measurement Uncertainty

Parameter	Expanded Uncertainty (Confidence of 95%(U = 2Uc(y)))
Radio Frequency	54.33Hz
RF Power, Conducted and PAPR	0.65 dB
Spurious emission, Conducted and Band edge	3.12 dB
Occupied bandwidth	6.5kHz
Temperature	±0.3 °C
Voltage	±0.1 %
Radiated Emission (30MHz ~ 200MHz) (3m SAC)	±4.6 dB
Radiated Emission (200MHz ~ 1000MHz) (3m SAC)	±5.8 dB
Radiated Emission (1GHz ~ 18GHz) (3m FAR)	5.15 dB
Radiated Emission (18GHz ~ 40GHz) (3m FAR)	5.30 dB
Note: All the measurement uncertainty value were shown with a coverage k=2 to indicate 95% level of confidence. The measurement data show herein meets or exceeds the CISPR measurement uncertainty values specified in CISPR 16-4-2 and can be compared directly to specified limit to determine compliance.	

3.6 Additions to, Deviations, or Exclusions from the Method

No

3.7 Laboratory Facility

The test facility is recognized, certified, or accredited by the following organizations:

● **FCC - Designation No.: CN1211**

JianYan Testing Group Shenzhen Co., Ltd. has been accredited as a testing laboratory by FCC(Federal Communications Commission). The test firm Registration No. is 727551.

● **ISED – CAB identifier.: CN0021**

The 3m Semi-anechoic chamber and 10m Semi-anechoic chamber of JianYan Testing Group Shenzhen Co., Ltd. has been Registered by Certification and Engineering Bureau of Industry Canada for radio equipment testing with Registration No.: 10106A-1.

● **CNAS - Registration No.: CNAS L15527**

JianYan Testing Group Shenzhen Co., Ltd. is accredited to ISO/IEC 17025:2017 General Requirements for the Competence of Testing and Calibration laboratories for the competence of testing. The Registration No. is CNAS L15527.

● **A2LA - Registration No.: 4346.01**

This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2017 General requirements for the competence of testing and calibration laboratories. The test scope can be found as below link: <https://portal.a2la.org/scopepdf/4346-01.pdf>

3.8 Laboratory Location

JianYan Testing Group Shenzhen Co., Ltd.

Address: No.101, Building 8, Innovation Wisdom Port, No.155 Hongtian Road, Huangpu Community, Xinqiao Street, Bao'an District, Shenzhen, Guangdong, People's Republic of China.

Tel: +86-755-23118282, Fax: +86-755-23116366

Email: info-JYTee@lets.com, Website: <http://jyt.lets.com>

3.9 Test Instruments List

Radiated Emission(3m SAC):					
Test Equipment	Manufacturer	Model No.	Manage No.	Cal. Date (mm-dd-yy)	Cal. Due date (mm-dd-yy)
3m SAC	ETS	9m*6m*6m	WXJ001-1	04-14-2021	04-13-2026
Loop Antenna	Schwarzbeck	FMZB 1519 B	WXJ002-4	01-03-2025	01-02-2026
BiConiLog Antenna	Schwarzbeck	VULB9163	WXJ002	01-03-2025	01-02-2026
Biconical Antenna	Schwarzbeck	VUBA9117	WXJ002-1	07-01-2024	06-30-2027
Pre-amplifier (30MHz ~ 1GHz)	Schwarzbeck	BBV9743B	WXJ001-2	12-16-2024	12-15-2025
EMI Test Receiver	Rohde & Schwarz	ESRP7	WXJ003-1	12-16-2024	12-15-2025
Coaxial Cable (30MHz ~ 1GHz)	JYTSZ	JYT3M-1G-NN-8M	WXG001-4	01-15-2025	01-14-2026
Band Reject Filter Group	Tonscend	JS0806-F	WXJ089	N/A	
Test Software	Tonscend	TS+	Version: 3.0.0.1		

Radiated Emission(3m FAR):					
Test Equipment	Manufacturer	Model No.	Manage No.	Cal. Date (mm-dd-yy)	Cal. Due date (mm-dd-yy)
3m FAR	YUNYI	9m*6m*6m	WXJ097	06-15-2023	06-14-2028
BiConiLog Antenna	Schwarzbeck	VULB9163	WXJ097-2	07-01-2024	06-30-2025
Biconical Antenna	Schwarzbeck	VUBA9117	WXJ002-1	07-01-2024	06-30-2027
Horn Antenna	Schwarzbeck	BBHA9120D	WXJ097-3	06-16-2024	06-15-2025
Horn Antenna	Schwarzbeck	BBHA9120D	WXJ002-3	12-25-2024	12-24-2025
Horn Antenna	Schwarzbeck	BBHA9170	WXJ002-5	12-25-2024	12-24-2025
Horn Antenna	Schwarzbeck	BBHA9170	WXJ002-6	12-25-2024	12-24-2025
Pre-amplifier (30MHz ~ 1GHz)	YUNYI	PAM-310N	WXJ097-5	04-24-2024	04-23-2025
Pre-amplifier (1GHz ~ 18GHz)	YUNYI	PAM-118N	WXJ097-6	04-24-2024	04-23-2025
Pre-amplifier (18GHz ~ 40GHz)	RF System	TRLA-180400G45B	WXJ002-7	12-16-2024	12-15-2025
EMI Test Receiver	Rohde & Schwarz	ESCI3	WXJ003	12-16-2024	12-15-2025
Spectrum Analyzer	Rohde & Schwarz	FSP 30	WXJ004	12-16-2024	12-15-2025
Spectrum Analyzer	KEYSIGHT	N9020B	WXJ081-1	06-11-2024	06-10-2025
Coaxial Cable (30MHz ~ 1GHz)	JYTSZ	JYT3M-1G-NN-13M	WXG097-1	07-30-2024	07-29-2025
Coaxial Cable (1GHz ~ 18GHz)	JYTSZ	JYT3M-18G-NN-8M	WXG097-2	07-30-2024	07-29-2025
Coaxial Cable (18GHz ~ 40GHz)	JYTSZ	JYT3M-40G-SS-8M	WXG097-3	07-30-2024	07-29-2025
High Band Reject Filter Group	Tonscend	JS0806-F	WXJ089	N/A	
Low Band Reject Filter Group	Tonscend	JS0806-F	WXJ097-4	N/A	
Test Software	Tonscend	TS+	Version: 5.0.0		

Conducted Method:					
Test Equipment	Manufacturer	Model No.	Manage No.	Cal. Date (mm-dd-yy)	Cal. Due date (mm-dd-yy)
Spectrum Analyzer	Keysight	N9010B	WXJ004-2	09-09-2024	09-08-2025
UXM 5G Wireless Test Platform	Keysight	E7515B	WXJ008-6	09-10-2024	09-09-2025
Temperature Humidity Chamber	HONG ZHI	CZ-A-80D	WXJ032-2	12-17-2024	12-16-2026
RF Control Box	MWRF-test	MW400-RFCB	WXG005	N/A	
Automatic Filter Box	MWRF-test	MW400-SFCB1	WXG005-1	N/A	
Automatic Filter Box	MWRF-test	MW400-SFCB2	WXG005-2	N/A	
DC Power Supply	Keysight	E3642A	WXJ025-3	N/A	
Test Software	MWRF-test	MTS 8200 NR	Version: 2.0.0.0		

4 Measurement Setup and Procedure

4.1 Test Channel

According to ANSI C63.26-2015 chapter 5.1.2.1 Table 2 requirement, select lowest channel, middle channel, and highest channel in the frequency range in which device operates for testing. The detailed frequency points are as follows:

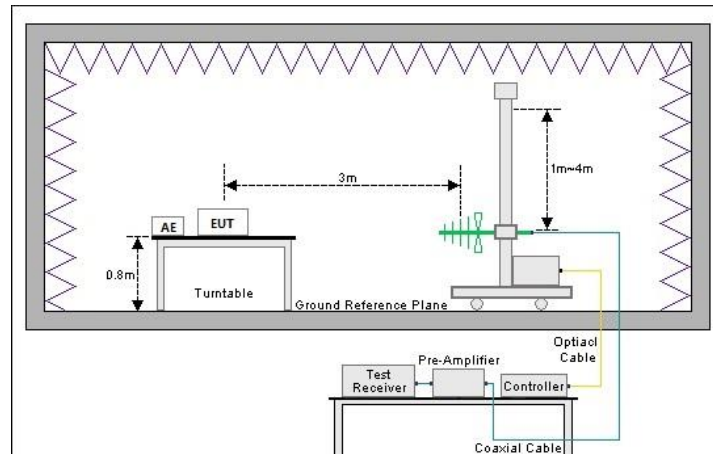
Band n66, SCS: 15 kHz					
Channels	ARFCN	Frequency (MHz)	Channels	ARFCN	Frequency (MHz)
5 MHz			10 MHz		
Lowest	342500	1712.5	Lowest	343000	1715.0
Middle	349000	1745.0	Middle	349000	1745.0
Highest	355500	1777.5	Highest	355000	1775.0
15 MHz			20 MHz		
Lowest	343500	1717.5	Lowest	344000	1720.0
Middle	349000	1745.0	Middle	349000	1745.0
Highest	354500	1772.5	Highest	354000	1770.0
25 MHz			30 MHz		
Lowest	344500	1722.5	Lowest	345000	1725.0
Middle	349000	1745.0	Middle	349000	1745.0
Highest	353500	1767.5	Highest	353000	1765.0
40 MHz					
Lowest	346000	1730.0			
Middle	349000	1745.0			
Highest	352000	1760.0			
Band n66, SCS: 30 kHz					
Channels	ARFCN	Frequency (MHz)	Channels	ARFCN	Frequency (MHz)
10 MHz			15 MHz		
Lowest	343000	1715.0	Lowest	343500	1717.5
Middle	349000	1745.0	Middle	349000	1745.0
Highest	355000	1775.0	Highest	354500	1772.5
20 MHz			30 MHz		
Lowest	344000	1720.0	Lowest	345000	1725.0
Middle	349000	1745.0	Middle	349000	1745.0
Highest	354000	1770.0	Highest	353000	1765.0
40 MHz					
Lowest	346000	1730.0			
Middle	349000	1745.0			
Highest	352000	1760.0			

Band n71, SCS: 15 kHz					
Channels	ARFCN	Frequency (MHz)	Channels	ARFCN	Frequency (MHz)
5 MHz			10 MHz		
Lowest	133100	665.5	Lowest	133600	668.0
Middle	136100	680.5	Middle	136100	680.5
Highest	139100	695.5	Highest	138600	693.0
15 MHz			20 MHz		
Lowest	134100	670.5	Lowest	134600	673.0
Middle	136100	680.5	Middle	136100	680.5
Highest	138100	690.5	Highest	137600	688.0
Band n71, SCS: 30 kHz					
Channels	ARFCN	Frequency (MHz)	Channels	ARFCN	Frequency (MHz)
10 MHz			15 MHz		
Lowest	133600	668.0	Lowest	134100	670.5
Middle	136100	680.5	Middle	136100	680.5
Highest	138600	693.0	Highest	138100	690.5
20 MHz					
Lowest	134600	673.0			
Middle	136100	680.5			
Highest	137600	688.0			

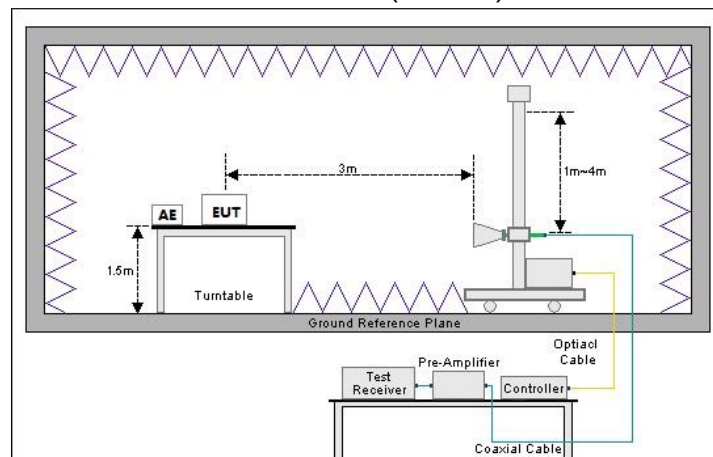
4.2 Test Setup

1) Radiated emission measurement:

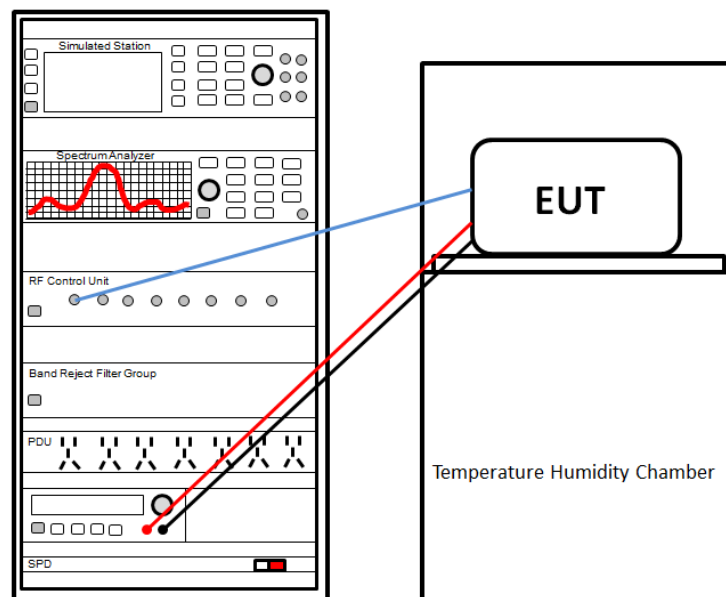
Below 1GHz (3m SAC)



Above 1GHz (3m FAR)



2) Conducted test method



4.3 Test Procedure

Test method	Test step
Radiated emission	For below 1GHz: 1. The EUT was placed on the tabletop of a rotating table 0.8 m the ground at a 3 m semi anechoic chamber. The measurement distance from the EUT to the receiving antenna is 3 m. 2. EUT works in each mode of operation that needs to be tested , and having the EUT continuously working, respectively on 3 axis (X, Y & Z) and considered typical configuration to obtain worst position. The highest signal levels relative to the limit shall be determined by rotating the EUT from 0° to 360° and with varying the measurement antenna height between 1 m and 4 m in vertical and horizontal polarizations. 3. Open the test software to control the test antenna and test turntable. Perform the test, save the test results, and export the test data. For above 1GHz: 1. The EUT was placed on the tabletop of a rotating table 1.5 m the ground at a 3 m fully anechoic room. The measurement distance from the EUT to the receiving antenna is 3 m. 2. EUT works in each mode of operation that needs to be tested , and having the EUT continuously working, respectively on 3 axis (X, Y & Z) and considered typical configuration to obtain worst position. The highest signal levels relative to the limit shall be determined by rotating the EUT from 0° to 360° and with varying the measurement antenna height between 1 m and 4 m in vertical and horizontal polarizations. 3. Open the test software to control the test antenna and test turntable. Perform the test, save the test results, and export the test data.
Conducted test method	1. The NR antenna port of EUT was connected to the test port of the test system through an RF cable. 2. The EUT is keeping in continuous transmission mode and tested in all modulation modes. 3. Open the test software, prepare a test plan, and control the system through the software. After the test is completed, the test report is exported through the test software.

5 Test Results

5.1 Summary

5.1.1 Clause and Data Summary

Test items	Standard clause	Test method	Test data	Result
RF Exposure (SAR)	Part 1.1307 Part 2.1093	See SAR Report	See SAR Report	Pass
RF Output Power	Part 2.1046 Part 27.50 (c)(10) Part 27.50 (d)(4)	ANSI C63.26 Clause 5.2.4	Appendix – 5G NR	Pass
Peak-to-Average Power Ratio	Part 27.50 (d)(5)	ANSI C63.26 Clause 5.2.3.4	Appendix – 5G NR	Pass
26dB Emission Bandwidth 99% Occupied Bandwidth	Part 2.1049 Part 27.53 (g) Part 27.53 (h)(3)	ANSI C63.26 Clause 5.3.1	Appendix – 5G NR	Pass
Out of Band Emission at Antenna Terminals	Part 2.1051 Part 27.53 (g) Part 27.53 (h)(1)	ANSI C63.26 Clause 5.4.3	Appendix – 5G NR	Pass
Field Strength of Spurious Radiation	Part 2.1053 Part 27.53 (g) Part 27.53 (h)(1)	ANSI C63.26 Clause 5.7.3 and Clause 5.7.4	See Section 5.2	Pass
Frequency Stability vs. Temperature	Part 2.1055 (a)(1)(b) Part 22.355 Part 24.235 Part 27.54	ANSI C63.26 Clause 5.5.2.4 and Clause 5.5.3.2	Appendix – 5G NR	Pass
Frequency Stability vs. Voltage	Part 2.1055 (d)(2) Part 22.355 Part 24.235 Part 27.54	ANSI C63.26 Clause 5.6.4	Appendix – 5G NR	Pass
Remark: 1. Pass: The EUT complies with the essential requirements in the standard. 2. The cable insertion loss used by “RF Output Power” and other conduction measurement items is 0.5dB (Fundamental Frequency below 1GHz)/1.0dB (Fundamental Frequency above 1GHz) (provided by the customer).				
Test Method:	ANSI/TIA-603-E-2016 ANSI C63.26-2015 KDB 971168 D01 Power Meas License Digital Systems v03r01 KDB 971168 D02 Misc Rev Approv License Devices v02r01 KDB 412172 D01 Determining ERP and EIRP v01r01			

5.1.2 Test Limit

Test items	Limit
RF output power	Band n71: 3W EIRP Band n66: 1W EIRP
Peak-to-Average Power Ratio	The peak-to-average ratio (PAR) of the transmission may not exceed 13 dB
Modulation Characteristics	N/A
26dB Emission Bandwidth 99% Occupied Bandwidth	N/A
Out of Band Emission at Antenna Terminals Field Strength of Spurious Radiation	Band n66, n71, : The power of any emission outside of the authorized operating frequency ranges must be attenuated below the transmitting power (P) by a factor of at least $43 + 10 \log(P)$ dB.
Out of Band Emission at Antenna Terminals Field Strength of Spurious Radiation	For mobile operations in the 3700-3980 MHz band, the conducted power of any emission outside the licensee's authorized bandwidth shall not exceed -13 dBm/MHz. Compliance with this paragraph (l)(2) is based on the use of measurement instrumentation employing a resolution bandwidth of 1 megahertz or greater. However, in the 1 megahertz bands immediately outside and adjacent to the licensee's frequency block, the minimum resolution bandwidth for the measurement shall be either one percent of the emission bandwidth of the fundamental emission of the transmitter or 350 kHz. In the bands between 1 and 5 MHz removed from the licensee's frequency block, the minimum resolution bandwidth for the measurement shall be 500 kHz. The emission bandwidth is defined as the width of the signal between two points, one below the carrier center frequency and one above the carrier center frequency, outside of which all emissions are attenuated at least 26 dB below the transmitter power.
Frequency Stability vs. Temperature Frequency Stability vs. Voltage	The frequency stability shall be sufficient to ensure that the fundamental emissions stay within the authorized bands of operation.

5.2 Field Strength of Spurious Radiation Measurement

Note:

1. All bandwidths, modulation types and RB configurations were pretested, the report only reflects the worst mode..

Band n66 – SCS 15kHz						
5MHz(Edge_1RB_Left) for DFT-s-OFDM Pi/2 BPSK						
Lowest channel						
Frequency (MHz)	Reading Level (dBm)	Factor (dB)	Level (dBm)	Limit (dBm)	Margin (dB)	Polarization
3425.00	-57.63	-2.17	-59.80	-13.00	46.80	Vertical
5137.50	-64.42	3.76	-60.66	-13.00	47.66	Vertical
6850.00	-65.98	5.80	-60.18	-13.00	47.18	Vertical
3425.00	-56.46	-2.23	-58.69	-13.00	45.69	Horizontal
5137.50	-64.57	3.81	-60.76	-13.00	47.76	Horizontal
6850.00	-66.23	6.01	-60.22	-13.00	47.22	Horizontal
Middle channel						
Frequency (MHz)	Reading Level (dBm)	Factor (dB)	Level (dBm)	Limit (dBm)	Margin (dB)	Polarization
3490.00	-57.64	-3.02	-60.66	-13.00	47.66	Vertical
5235.00	-65.20	3.17	-62.03	-13.00	49.03	Vertical
6980.00	-65.68	5.49	-60.19	-13.00	47.19	Vertical
3490.00	-56.48	-2.92	-59.40	-13.00	46.40	Horizontal
5235.00	-64.62	3.32	-61.30	-13.00	48.30	Horizontal
6980.00	-65.56	5.46	-60.10	-13.00	47.10	Horizontal
Highest channel						
Frequency (MHz)	Reading Level (dBm)	Factor (dB)	Level (dBm)	Limit (dBm)	Margin (dB)	Polarization
3555.00	-57.85	-2.32	-60.17	-13.00	47.17	Vertical
5332.50	-64.58	4.12	-60.46	-13.00	47.46	Vertical
7110.00	-66.27	5.42	-60.85	-13.00	47.85	Vertical
3555.00	-56.91	-2.28	-59.19	-13.00	46.19	Horizontal
5332.50	-64.75	4.13	-60.62	-13.00	47.62	Horizontal
7110.00	-65.79	5.24	-60.55	-13.00	47.55	Horizontal
Remark: 1. The emission levels of below 1 GHz are lower than the limit 10dB, so not show in test report. 2. Test Frequency up to 20GHz, and the emission levels of other frequencies are lower than the limit 20dB, not show in test report.						

Band n66 – SCS 30kHz						
10MHz(Edge_1RB_Left) for DFT-s-OFDM Pi/2 BPSK						
Lowest channel						
Frequency (MHz)	Reading Level (dBm)	Factor (dB)	Level (dBm)	Limit (dBm)	Margin (dB)	Polarization
3430.00	-58.02	-2.18	-60.20	-13.00	47.20	Vertical
5145.00	-64.83	3.70	-61.13	-13.00	48.13	Vertical
6860.00	-65.77	5.68	-60.09	-13.00	47.09	Vertical
3430.00	-56.45	-2.24	-58.69	-13.00	45.69	Horizontal
5145.00	-65.23	3.73	-61.50	-13.00	48.50	Horizontal
6860.00	-65.69	5.88	-59.81	-13.00	46.81	Horizontal
Middle channel						
Frequency (MHz)	Reading Level (dBm)	Factor (dB)	Level (dBm)	Limit (dBm)	Margin (dB)	Polarization
3490.00	-58.03	-3.02	-61.05	-13.00	48.05	Vertical
5235.00	-64.76	3.17	-61.59	-13.00	48.59	Vertical
6980.00	-65.27	5.49	-59.78	-13.00	46.78	Vertical
3490.00	-56.35	-2.92	-59.27	-13.00	46.27	Horizontal
5235.00	-64.96	3.32	-61.64	-13.00	48.64	Horizontal
6980.00	-65.24	5.46	-59.78	-13.00	46.78	Horizontal
Highest channel						
Frequency (MHz)	Reading Level (dBm)	Factor (dB)	Level (dBm)	Limit (dBm)	Margin (dB)	Polarization
3550.00	-58.07	-2.42	-60.49	-13.00	47.49	Vertical
5325.00	-64.60	3.99	-60.61	-13.00	47.61	Vertical
7100.00	-65.71	5.28	-60.43	-13.00	47.43	Vertical
3550.00	-56.53	-2.36	-58.89	-13.00	45.89	Horizontal
5325.00	-65.37	4.05	-61.32	-13.00	48.32	Horizontal
7100.00	-65.18	5.13	-60.05	-13.00	47.05	Horizontal
Remark: - The emission levels of below 1 GHz are lower than the limit 10dB, so not show in test report. - Test Frequency up to 20GHz, and the emission levels of other frequencies are lower than the limit 20dB, not show in test report.						

Band n71 – SCS 15kHz						
5MHz(Edge_1RB_Left) for DFT-s-OFDM Pi/2 BPSK						
Lowest channel						
Frequency (MHz)	Reading Level (dBm)	Factor (dB)	Level (dBm)	Limit (dBm)	Margin (dB)	Polarization
1331.00	-57.34	-11.75	-69.09	-13.00	56.09	Vertical
1996.50	-52.76	-10.59	-63.35	-13.00	50.35	Vertical
2662.00	-61.35	-7.26	-68.61	-13.00	55.61	Vertical
1331.00	-48.42	-11.97	-60.39	-13.00	47.39	Horizontal
1996.50	-47.60	-10.81	-58.41	-13.00	45.41	Horizontal
2662.00	-62.07	-7.18	-69.25	-13.00	56.25	Horizontal
Middle channel						
Frequency (MHz)	Reading Level (dBm)	Factor (dB)	Level (dBm)	Limit (dBm)	Margin (dB)	Polarization
1361.00	-57.54	-11.77	-69.31	-13.00	56.31	Vertical
2041.50	-52.87	-10.78	-63.65	-13.00	50.65	Vertical
2722.00	-61.24	-7.04	-68.28	-13.00	55.28	Vertical
1361.00	-48.72	-11.70	-60.42	-13.00	47.42	Horizontal
2041.50	-47.72	-11.11	-58.83	-13.00	45.83	Horizontal
2722.00	-62.00	-7.16	-69.16	-13.00	56.16	Horizontal
Highest channel						
Frequency (MHz)	Reading Level (dBm)	Factor (dB)	Level (dBm)	Limit (dBm)	Margin (dB)	Polarization
1391.00	-57.36	-11.69	-69.05	-13.00	56.05	Vertical
2086.50	-52.59	-10.13	-62.72	-13.00	49.72	Vertical
2782.00	-61.51	-7.00	-68.51	-13.00	55.51	Vertical
1391.00	-48.84	-11.48	-60.32	-13.00	47.32	Horizontal
2086.50	-47.26	-9.89	-57.15	-13.00	44.15	Horizontal
2782.00	-62.00	-6.83	-68.83	-13.00	55.83	Horizontal
Remark: 1. The emission levels of below 1 GHz are lower than the limit 10dB, so not show in test report. 2. Test Frequency up to 10GHz, and the emission levels of other frequencies are lower than the limit 20dB, not show in test report.						

Band n71 – SCS 30kHz						
10MHz(Edge_1RB_Left) for DFT-s-OFDM Pi/2 BPSK						
Lowest channel						
Frequency (MHz)	Reading Level (dBm)	Factor (dB)	Level (dBm)	Limit (dBm)	Margin (dB)	Polarization
1336.00	-56.99	-11.76	-68.75	-13.00	55.75	Vertical
2004.00	-52.77	-10.63	-63.40	-13.00	50.40	Vertical
2672.00	-61.45	-7.29	-68.74	-13.00	55.74	Vertical
1336.00	-48.51	-11.93	-60.44	-13.00	47.44	Horizontal
2004.00	-47.55	-10.87	-58.42	-13.00	45.42	Horizontal
2672.00	-62.27	-7.19	-69.46	-13.00	56.46	Horizontal
Middle channel						
Frequency (MHz)	Reading Level (dBm)	Factor (dB)	Level (dBm)	Limit (dBm)	Margin (dB)	Polarization
1361.00	-56.87	-11.77	-68.64	-13.00	55.64	Vertical
2041.50	-52.73	-10.78	-63.51	-13.00	50.51	Vertical
2722.00	-61.54	-7.04	-68.58	-13.00	55.58	Vertical
1361.00	-48.20	-11.70	-59.90	-13.00	46.90	Horizontal
2041.50	-47.43	-11.11	-58.54	-13.00	45.54	Horizontal
2722.00	-62.41	-7.16	-69.57	-13.00	56.57	Horizontal
Highest channel						
Frequency (MHz)	Reading Level (dBm)	Factor (dB)	Level (dBm)	Limit (dBm)	Margin (dB)	Polarization
1386.00	-57.29	-11.71	-69.00	-13.00	56.00	Vertical
2079.00	-52.93	-10.27	-63.20	-13.00	50.20	Vertical
2772.00	-61.34	-6.95	-68.29	-13.00	55.29	Vertical
1386.00	-47.75	-11.53	-59.28	-13.00	46.28	Horizontal
2079.00	-47.48	-10.14	-57.62	-13.00	44.62	Horizontal
2772.00	-62.71	-6.91	-69.62	-13.00	56.62	Horizontal
Remark: 1. The emission levels of below 1 GHz are lower than the limit 10dB, so not show in test report. 2. Test Frequency up to 10GHz, and the emission levels of other frequencies are lower than the limit 20dB, not show in test report.						

-----End of report-----