

FCC RF TEST REPORT

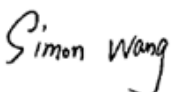
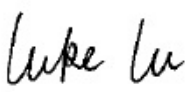
Applicant:	POINTMOBILE CO.,LTD
Address:	9F Kabul Great Valley, 32, Digital-ro 9-gil, Geumcheon-gu, Seoul, Korea 08512

Manufacturer or Supplier:	POINTMOBILE CO.,LTD
Address:	9F Kabul Great Valley, 32, Digital-ro 9-gil, Geumcheon-gu, Seoul, Korea 08512
Product:	Moblie computer
Brand Name:	Point mobile
Model Name:	PM95
FCC ID:	V2X-PM95
Date of tests:	Jan. 08, 2024 ~ May. 10, 2024

The tests have been carried out according to the requirements of the following standard:

☒ FCC PART 22, Subpart H ☒ FCC PART 24, Subpart E ☒ FCC Part 27, Subpart C, M ☒
ANSI/TIA/EIA-603-D
☒ FCC Part 2 ☒ ANSI/TIA/EIA-603-E ☒ ANSI C63.26-2015

CONCLUSION: The submitted sample was found to COMPLY with the test requirement

Prepared by Simon Wang Engineer / Mobile Department	Approved by Luke Lu Manager / Mobile Department
 Date: May. 10, 2024	 Date: May. 10, 2024

This report is governed by, and incorporates by reference, the Conditions of Testing as posted at the date of issuance of this report at <http://www.bureauveritas.com/home/about-us/our-business/cps/about-us/terms-conditions/> and is intended for your exclusive use. Any copying or replication of this report to or for any other person or entity, or use of our name or trademark, is permitted only with our prior written permission. This report sets forth our findings solely with respect to the test samples identified herein. The results set forth in this report are not indicative or representative of the quality or characteristics of the lot from which a test sample was taken or any similar or identical product unless specifically and expressly noted. Our report includes all of the tests requested by you and the results thereof based upon the information that you provided to us. Measurement uncertainty is only provided upon request for accredited tests. Statements of conformity are based on simple acceptance criteria without taking measurement uncertainty into account, unless otherwise requested in writing. You have 60 days from date of issuance of this report to notify us of any material error or omission caused by our negligence or if you require measurement uncertainty; provided, however, that such notice shall be in writing and shall specifically address the issue you wish to raise. A failure to raise such issue within the prescribed time shall constitute your unqualified acceptance of the completeness of this report, the tests conducted and the correctness of the report contents.

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RELEASE CONTROL RECORD

ISSUE NO.	REASON FOR CHANGE	DATE ISSUED
W7L-P23120020RF09	Original release	May. 10, 2024

1 SUMMARY OF TEST RESULTS

The EUT has been tested according to the following specifications:

APPLIED STANDARD: FCC PART 22/24/27 & PART 2			
STANDARD SECTION	TEST TYPE AND LIMIT	RESULT	TEST LAB*
§2.1046	Conducted Output Power	Compliance	A
§24.232(c) §27.50(h)(2) §27.50(d)(4) §27.50(j)(3) §27.50(k)(3)	Equivalent Isotropically Radiated Power (5G NR n2, n7,n25,n38,n41,n66,n77,n78)	Compliance	A
§22.913 (a) §27.50(b)(10) §27.50(c)(10)	Equivalent Radiated Power (5G NR n5,n26,n12,n13,n71)	Compliance	A
§2.1055 §22.355 §24.235 §27.54	Frequency Stability	Compliance	A
§2.1049	Occupied Bandwidth	Compliance	A
§2.1051 §2.917(a) §24.238(a) §27.53(g) §27.53(h) §27.53(l)(2) §27.53(m)(4)(6) §27.53(c)(2) §27.53(n)(2)	Band Edge Measurements	Compliance	A
§2.1051 §2.917(a) §24.238(a) §27.53(g)	Conducted Spurious Emissions	Compliance	A

§27.53(h) §27.53(l)(2) §27.53(m)(4)(6) §27.53(c)(2) §27.53(f) §27.53(n)(2)			
§2.1053 §2.917(a) §24.238(a) §27.53(g) §27.53(h) §27.53(l)(2) §27.53(m)(4)(6) §27.53(c)(2) §27.53(f) §27.53(n)(2)	Radiated Spurious Emissions	Compliance	A/B
§27.50(j)(4) §27.50(d)(5) §27.50(k)(4) §24.232(d) §22.913(d)	Peak-to-Average Ratio	Compliance	A

***Test Lab Information Reference**

Lab A:

BV 7Layers Communications Technology (Shenzhen) Co., Ltd

Lab Address:

Room B37, Warehouse A5, No.3 Chiwan 4th Road, Zhaoshang Street, Nanshan District Shenzhen, Guangdong, People's Republic of China

Accredited Test Lab Cert 3939.01

FCC Site Registration No. : 525120; Designation No. : CN1171;

Lab B:

Huarui 7Layers High Technology (Suzhou) Co., Ltd.

Lab Address:

Tower N, Innovation Center, 88 Zhuyi Road, High-tech District, Suzhou City, Anhui Province

Accredited Test Lab Cert 6613.01



Test Report No.: W7L-P23120020RF09

The FCC Site Registration No. is 434559; The Designation No. is CN1325.

1.1 MEASUREMENT UNCERTAINTY

Where relevant, the following measurement uncertainty levels have been estimated for tests performed on the EUT as specified in CISPR 16-4-2:

MEASUREMENT	UNCERTAINTY
Frequency Stability	$\pm 76.97\text{Hz}$
Radiated emissions (9KHz~30MHz)	$\pm 2.68\text{dB}$
Radiated emissions & Radiated Power (30MHz~1GHz)	$\pm 4.98\text{dB}$
Radiated emissions & Radiated Power (1GHz ~6GHz)	$\pm 4.70\text{dB}$
Radiated emissions (6GHz ~18GHz)	$\pm 4.60\text{dB}$
Radiated emissions (18GHz ~40GHz)	$\pm 4.12\text{dB}$
Conducted emissions	$\pm 4.01\text{dB}$
Occupied Channel Bandwidth	$\pm 43.58\text{KHz}$
Conducted Output power	$\pm 2.06\text{dB}$
Band Edge Measurements	$\pm 4.70\text{dB}$

This uncertainty represents an expanded uncertainty expressed at approximately the 95% confidence level using a coverage factor of $k=2$.

1.2 TEST SITE AND INSTRUMENTS

Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Next Cal.
MXE EMI Receiver	KEYSIGHT	N9038A-544	MY54450026	Mar. 28,23	Mar. 27,24
MXE EMI Receiver	KEYSIGHT	N9038A-544	MY54450026	Mar. 27,24	Mar. 26,25
EXA Signal Analyzer	KEYSIGHT	N9010A-544	MY54510355	May.10,23	May.09,24
EXA Signal Analyzer	KEYSIGHT	N9010A-544	MY54510355	May.09,24	May.08,25
Loop Antenna	Schwarzbeck	FMZB 1519B	00173	Sep.02,23	Sep.01,24
Bilog Antenna	ETS-LINDGRE N	3143B	00161965	Feb. 18,23	Feb. 17,24
Bilog Antenna	ETS-LINDGRE N	3143B	00161965	Feb. 17,24	Feb. 16,25
Horn Antenna	ETS-LINDGRE N	3117	00168692	Feb. 18,23	Feb. 17,24
Horn Antenna	ETS-LINDGRE N	3117	00168692	Feb. 17,24	Feb. 16,25
Horn Antenna (18GHz-40GHz)	N/A	QWH-SL-18-40-K-SG/QMS-00361	15433	Sep.03, 23	Sep.02, 24
Radio Communication Analyzer	ANRITSU	MT8820C	6201465426	Feb. 14,23	Feb. 13,24
Radio Communication Analyzer	ANRITSU	MT8820C	6201465426	Feb. 13,24	Feb. 12,25
Signal Pre-Amplifier	EMSI	EMC 9135	980249	May. 06,23	May. 05,24
Signal Pre-Amplifier	EMSI	EMC 9135	980249	May. 05,24	May. 04,25
Signal Pre-Amplifier	EMSI	EMC 012645B	980257	May.10,23	May.09,24
Signal Pre-Amplifier	EMSI	EMC 012645B	980257	May.09,24	May.08,25
Signal Pre-Amplifier	EMSI	EMC 184045B	980259	Feb. 17,23	Feb.16,24
Signal Pre-Amplifier	EMSI	EMC 184045B	980259	Feb.16,24	Feb.15,25
3m Semi-anechoic Chamber	ETS-LINDGRE N	9m*6m*6m	Euroshieldpn-CT0001143-1216	Nov. 14,23	Nov. 13,26
Test Software	E3	V 9.160323	N/A	N/A	N/A
Test Software	JS1120	3.1.36	N/A	N/A	N/A
10dB Attenuator	JFW/USA	50HF-010-SMA	50HF-010-SMA	May. 06,23	May. 05,24
10dB Attenuator	JFW/USA	50HF-010-SMA	50HF-010-SMA	May. 05,24	May. 04,25
Power Meter	Anritsu	ML2495A	1506002	Feb. 14,23	Feb. 13,24
Power Meter	Anritsu	ML2495A	1506002	Feb. 13,24	Feb. 12,25
Power Sensor	Anritsu	MA2411B	1339352	Feb. 14,23	Feb. 13,24
Power Sensor	Anritsu	MA2411B	1339352	Feb. 13,24	Feb. 12,25
Temperature Chamber	ESPEC	SH-242	93000855	May. 06,23	May. 05,24
Temperature Chamber	ESPEC	SH-242	93000855	May. 05,24	May. 04,25
MXG Analog Microwave Signal Generator	KEYSIGHT	N5183A	MY50143024	Feb. 14,23	Feb. 13,24
MXG Analog Microwave Signal Generator	KEYSIGHT	N5183A	MY50143024	Feb. 13,24	Feb. 12,25
Base station R&S CMW500	Rohde&Schwarz	CMW500	153085	May.10,23	May.09,24
Base station R&S	Rohde&Schwarz	CMW500	153085	May.09,24	May.08,25



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CMW500	rz				
DC Source	Kikusui/JP	PMX18-5A	N/A	Aug. 11,23	Aug. 10,24
N9010B keysight SN	KEYSIGHT	N9010B	MY62170516	Aug. 01,23	Jul. 31, 24

NOTE: 1. The calibration interval of the above test instruments is 12/ 36 months and the calibrations are traceable to CEPREI/CHINA, GRGT/CHINA and NIM/CHINA.

2. The test was performed in 3m Semi-anechoic Chamber and RF Oven Room.

3. The horn antenna is used only for the measurement of emission frequency above 1GHz if tested.

4. The FCC Site Registration No. is 525120; The Designation No. is CN1171.

Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Next Cal.
Pre-Amplifier	R&S	SCU18F1	100815	Aug.30,22	Aug.29,24
Pre-Amplifier	R&S	SCU08F1	101028	Sep.16,22	Sep.15,24
Vector Signal Generator	R&S	SMBV100B	102176	Feb.16,22	Feb.15,24
Vector Signal Generator	R&S	SMBV100B	102176	Feb.15,24	Feb.14,26
Signal Generator	R&S	SMB100A	182185	Feb.16,22	Feb.15,24
Signal Generator	R&S	SMB100A	182185	Feb.15,24	Feb.14,26
3m Fully-anechoic Chamber	TDK	9m*6m*6m	HRSW-SZ-E MC-01Chamber	Nov.25,22	Nov.24,25
3m Semi-anechoic Chamber	TDK	9m*6m*6m	HRSW-SZ-E MC-02Chamber	Nov.25,22	Nov.24,25
EMI TEST Receiver	R&S	ESR26	101734	Feb.25,22	Feb.24,24
EMI TEST Receiver	R&S	ESR26	101734	Feb.24,24	Feb.23,26
EMI TEST Receiver	R&S	ESW44	101973	Feb.25,22	Feb.24,24
EMI TEST Receiver	R&S	ESW44	101973	Feb.24,24	Feb.23,26
Bilog Antenna	SCHWARZBECK	VULB 9163	1264	Feb.28,22	Feb.27,24
Bilog Antenna	SCHWARZBECK	VULB 9163	1264	Feb.27,24	Feb.26,26
Horn Antenna	ETS-LINDGREN	3117	227836	Aug.22,22	Aug.21,24
Horn Antenna (18GHz-40GHz)	Steatite Q-par Antennas	QMS 00880	23486	Feb.23,22	Feb.22,24
Horn Antenna (18GHz-40GHz)	Steatite Q-par Antennas	QMS 00880	23486	Feb.22,24	Feb.21,26
Horn Antenna	Steatite Q-par Antennas	QMS 00208	23485	Aug.22,22	Aug.21,24
Loop Antenna	SCHWARZ	HFH2-Z2/Z2E	100976	Feb.23,22	Feb.22,24
Loop Antenna	SCHWARZ	HFH2-Z2/Z2E	100976	Feb.22,24	Feb.21,26
WIDEBANDRADIO COMMUNICATION TESTER	R&S	CMW500	169399	Jun.27,22	Jun.26,24

Test Software	EMC32	EMC32	N/A	N/A	N/A
Test Software	ELEKTRA	ELEKTRA4.32	N/A	N/A	N/A
Open Switch and Control Unit	R&S	OSP220	101964	Oct.01,22	Sep.30,24
DC Source	HYELEC	HY3010B	551016	Aug.31,22	Aug.30,24
Hygrothermograph	DELI	20210528	SZ014	Sep.06,22	Sep.05,24
PC	LENOVO	E14	HRSW0024	N/A	N/A
TMC-AMI18843A(CABLE)	R&S	HF290-NMNM-7.00M	N/A	N/A	N/A
TMC-AMI18843A(CABLE)	R&S	HF290-NMNM-4.00M	N/A	N/A	N/A
CABLE	R&S	W13.02	N/A	Apr.28,23	Apr.27,24
CABLE	R&S	W13.02	N/A	Apr.27,24	Apr.26,25
CABLE	R&S	W12.14	N/A	Apr.28,23	Apr.27,24
CABLE	R&S	W12.14	N/A	Apr.27,24	Apr.26,25
CABLE	R&S	J12J103539-00-1	SEP-03-20-069	Apr.28,23	Apr.27,24
CABLE	R&S	J12J103539-00-1	SEP-03-20-069	Apr.27,24	Apr.26,25
CABLE	R&S	J12J103539-00-1	SEP-03-20-070	Apr.28,23	Apr.27,24
CABLE	R&S	J12J103539-00-1	SEP-03-20-070	Apr.27,24	Apr.26,25
Temperature Chamber	votsch	VT4002	58566078100050	May.31,22	May.30,24

- NOTE:**
1. The calibration interval of the above test instruments is 12/ 24 / 36 months and the calibrations are traceable to CEPREI/CHINA, GRGT/CHINA and NIM/CHINA.
 2. The test was performed in 3m Semi-anechoic Chamber and RF Oven Room.
 3. The horn antenna is used only for the measurement of emission frequency above 1GHz if tested.
 4. The FCC Site Registration No. is 434559; The Designation No. is CN1325.

2 GENERAL INFORMATION

2.1 GENERAL DESCRIPTION OF EUT

PRODUCT	Moblie computer	
BRAND NAME	Point mobile	
MODEL NAME	PM95	
NOMINAL VOLTAGE	5.0Vdc (adapter) 3.87Vdc (battery)	
MODULATION TECHNOLOGY	5G NR	DFT-s-OFDM(Pi/2BPSK,QPSK,16QAM,64QAM,256QAM); CP-OFDM(QPSK,16QAM,64QAM,256QAM);
FREQUENCY RANGE	NR Band n2	1852.5MHz ~ 1907.5MHz
	NR Band n5	826.5MHz ~ 846.5MHz
	NR Band n7	2502.5MHz ~ 2567.5MHz
	NR Band n12	701.5MHz ~ 713.5MHz
	NR Band n13	779.5 MHz ~ 784.5MHz
	NR Band n25	1852.5MHz ~ 1912.5MHz
	NR Band n26	826.5MHz ~ 846.5MHz
	NR Band n38	2575MHz ~ 2615MHz
	NR Band n41/n41(HPUE)	2501.01MHz ~ 2685MHz
	NR Band n66	1712.5MHz ~ 1777.5MHz
	NR Band n71	665.5MHz ~ 695.5MHz
	NR Band n77/n77(HPUE) (Part27Q)	3455.01MHz ~ 3544.98MHz
	NR Band n77/n77(HPUE) (Part27O)	3705MHz ~ 3975MHz
	NR Band n78/n78(HPUE) (Part27Q)	3455.01MHz ~ 3544.98MHz

FREQUENCY RANGE	NR CA	The following only support downlink: CA_n25A-n41A CA_n25A-n71A CA_n41A-n66A CA_n41A-n71A CA_n7A-n78A CA_n5A-n78A CA_n66A-n71A CA_n2A-n66A CA_n5A-n66A CA_n2A-n5A CA_n12A-n66A CA_n30A-n66A CA_n2A-n12A CA_n2A-n30A CA_n5A-n30A CA_n12A-n30A CA_n14A-n30A CA_n2A-n29A CA_n29A-n66A CA_n66A-n78A CA_n7A-n66A CA_n25A-n66A CA_n2A-n77A CA_n5A-n77A CA_n66A-n77A CA_n48A-n66A CA_n2A-n48A CA_n5A-n48A CA_n48A-n71A CA_n71A-n77A CA_n71A-n78A CA_n2A-n7A CA_n25A-n78A CA_n38A-n66A CA_n25A-n48A CA_n5A-n25A CA_n25A-n77A CA_n25A-n38A
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FREQUENCY RANGE	ENDC	DC_13A_n66A DC_5A_n2A DC_14A_n2A DC_2A_n5A DC_30A_n5A DC_66A_n5A DC_66A_n12A DC_2A_n66A DC_5A_n66A DC_12A_n66A DC_14A_n66A DC_30A_n66A DC_12A_n2A DC_66A_n2A DC_71A_n2A DC_2A_n41A DC_71A_n66A DC_2A_n71A DC_66A_n71A DC_66A_n25A DC_66A_n41A DC_25A_n41A DC_66A_n78A DC_2A_n78A DC_7A_n71A DC_12A_n78A DC_5A_n7A DC_12A_n7A DC_66A_n7A DC_13A_n2A DC_48A_n5A DC_48A_n66A DC_7A_n66A DC_13A_n78A DC_66A_n38A DC_2A_n38A DC_12A_n38A DC_5A_n38A DC_12A_n25A DC_71A_n78A
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		DC_71A_n38A
		DC_13A_n7A
		DC_12A_n41A
		DC_2A_n77A
		DC_5A_n77A
		DC_13A_n77A
		DC_66A_n77A
		DC_12A_n77A
		DC_14A_n77A
		DC_2A-5A_n5A
		DC_2A-66A_n5A
		DC_2A-13A_n66A
		DC_13A-66A_n66A
		DC_2A-5A_n2A
		DC_5A-30A_n2A
		DC_5A-66A_n2A
		DC_12A-30A_n2A
		DC_14A-66A_n2A
		DC_29A-30A_n2A
		DC_2A-2A_n5A
		DC_5A-66A_n5A
		DC_30A-66A_n5A
		DC_66A-66A_n5A
		DC_2A-66A_n12A
		DC_2A-5A_n66A
		DC_2A-12A_n66A
		DC_2A-66A_n66A
		DC_5A-30A_n66A
		DC_5A-66A_n66A
		DC_12A-30A_n66A
		DC_2A-2A_n66A
		DC_2A-14A_n66A
		DC_2A-29A_n66A
		DC_14A-30A_n66A
		DC_2C_n41A
		DC_2A-12A_n2A
		DC_2A-66A_n2A
		DC_13A-66A_n2A
		DC_2A-48A_n5A
		DC_48A-66A_n5A
		DC_13A-48A_n66A

		DC_13A-48A_n2A
		DC_2A-2A_n41A
		DC_2A-71A_n71A
		DC_2A-2A_n78A
		DC_5A-5A_n66A
		DC_5B_n66A
		DC_2A-13A_n2A
		DC_5A-5A_n2A
		DC_5B_n2A
		DC_2A-66A_n25A
		DC_2A-14A_n2A
		DC_29A-30A_n66A
		DC_66A-66A_n77A
		DC_2A-2A_n77A
		DC_2A-12A_n7A
		DC_48C_n5A
		DC_66A-66A_n2A
		DC_66B_n2A
		DC_66B_n5A
		DC_66C_n2A
		DC_66C_n5A

EMISSION DESIGNATOR	NR Band n7 Channel Bandwidth: 5MHz	QPSK: 4M47G7D 16QAM: 4M46W7D 64QAM: 4M48W7D 256QAM: 4M48W7D Pi/2BPSK: 4M48G7D
	NR Band n7 Channel Bandwidth: 10MHz	QPSK: 8M92G7D 16QAM: 8M93W7D 64QAM: 8M92W7D 256QAM: 8M92W7D Pi/2BPSK: 8M92G7D
	NR Band n7 Channel Bandwidth: 15MHz	QPSK: 13M4G7D 16QAM: 13M4W7D 64QAM: 13M4W7D 256QAM: 13M4W7D Pi/2BPSK: 13M4G7D
	NR Band n7 Channel Bandwidth: 20MHz	QPSK: 17M9G7D 16QAM: 17M9W7D 64QAM: 17M9W7D 256QAM: 17M9W7D Pi/2BPSK: 17M9G7D
	NR Band n7 Channel Bandwidth: 25MHz	QPSK: 22M8G7D 16QAM: 22M9W7D 64QAM: 22M8W7D 256QAM: 22M9W7D Pi/2BPSK: 22M9G7D
	NR Band n7 Channel Bandwidth: 30MHz	QPSK: 28M6G7D 16QAM: 28M6W7D 64QAM: 28M6W7D 256QAM: 28M6W7D Pi/2BPSK: 28M6G7D
	NR Band n7 Channel Bandwidth: 40MHz	QPSK: 38M6G7D 16QAM: 38M6W7D 64QAM: 38M6W7D 256QAM: 38M6W7D Pi/2BPSK: 38M5G7D

EMISSION DESIGNATOR	NR Band n12 Channel Bandwidth: 5MHz	QPSK: 4M47G7D 16QAM: 4M46W7D 64QAM: 4M48W7D 256QAM: 4M47W7D Pi/2BPSK: 4M49G7D
	NR Band n12 Channel Bandwidth: 10MHz	QPSK: 8M91G7D 16QAM: 8M90W7D 64QAM: 8M92W7D 256QAM: 8M90W7D Pi/2BPSK: 8M90G7D
	NR Band n12 Channel Bandwidth: 15MHz	QPSK: 13M4G7D 16QAM: 13M4W7D 64QAM: 13M4W7D 256QAM: 13M4W7D Pi/2BPSK: 13M4G7D
	NR Band n13 Channel Bandwidth: 5MHz	QPSK: 4M46G7D 16QAM: 4M46W7D 64QAM: 4M46W7D 256QAM: 4M446W7D Pi/2BPSK: 4M48G7D
	NR Band n13 Channel Bandwidth: 10MHz	QPSK: 8M90G7D 16QAM: 8M94W7D 64QAM: 8M91W7D 256QAM: 8M90W7D Pi/2BPSK: 8M93G7D
	NR Band n25 Channel Bandwidth: 5MHz	QPSK: 4M46G7D 16QAM: 4M47W7D 64QAM: 4M47W7D 256QAM: 4M47W7D Pi/2BPSK: 4M48G7D
	NR Band n25 Channel Bandwidth: 10MHz	QPSK: 8M92G7D 16QAM: 8M93W7D 64QAM: 8M92W7D 256QAM: 8M91W7D Pi/2BPSK: 8M91G7D

EMISSION DESIGNATOR	NR Band n25 Channel Bandwidth: 15MHz	QPSK: 13M4G7D 16QAM: 13M4W7D 64QAM: 13M4W7D 256QAM: 13M4W7D Pi/2BPSK: 13M4G7D
	NR Band n25 Channel Bandwidth: 20MHz	QPSK: 18M0G7D 16QAM: 17M9W7D 64QAM: 17M9W7D 256QAM: 17M9W7D Pi/2BPSK: 17M8G7D
	NR Band n25 Channel Bandwidth: 25MHz	QPSK: 22M8G7D 16QAM: 22M8W7D 64QAM: 22M8W7D 256QAM: 22M8W7D Pi/2BPSK: 22M9G7D
	NR Band n25 Channel Bandwidth: 30MHz	QPSK: 28M5G7D 16QAM: 28M5W7D 64QAM: 28M5W7D 256QAM: 28M5W7D Pi/2BPSK: 28M5G7D
	NR Band n25 Channel Bandwidth: 40MHz	QPSK: 38M6G7D 16QAM: 38M5W7D 64QAM: 38M6W7D 256QAM: 38M6W7D Pi/2BPSK: 38M6G7D
	NR Band n26 Channel Bandwidth: 5MHz	QPSK: 4M46G7D 16QAM: 4M46W7D 64QAM: 4M48W7D 256QAM: 4M47W7D Pi/2BPSK: 4M48G7D
	NR Band n26 Channel Bandwidth: 10MHz	QPSK: 8M92G7D 16QAM: 8M93W7D 64QAM: 8M92W7D 256QAM: 8M93W7D Pi/2BPSK: 8M93G7D
	NR Band n26 Channel Bandwidth: 15MHz	QPSK: 13M4G7D 16QAM: 13M4W7D 64QAM: 13M4W7D 256QAM: 13M4W7D Pi/2BPSK: 13M4G7D

EMISSION DESIGNATOR	NR Band n26 Channel Bandwidth: 20MHz	QPSK: 17M9G7D 16QAM: 17M9W7D 64QAM: 17M9W7D 256QAM: 17M9W7D Pi/2BPSK: 17M8G7D
	NR Band n41 Channel Bandwidth: 10MHz	QPSK: 8M58G7D 16QAM: 8M54W7D 64QAM: 8M60W7D 256QAM: 8M57W7D Pi/2BPSK: 8M57G7D
	NR Band n41 Channel Bandwidth: 15MHz	QPSK: 12M8G7D 16QAM: 12M8W7D 64QAM: 12M8W7D 256QAM: 12M8W7D Pi/2BPSK: 12M8G7D
	NR Band n41 Channel Bandwidth: 20MHz	QPSK: 17M8G7D 16QAM: 17M9W7D 64QAM: 17M8W7D 256QAM: 17M8W7D Pi/2BPSK: 17M8G7D
	NR Band n41 Channel Bandwidth: 30MHz	QPSK: 26M8G7D 16QAM: 26M8W7D 64QAM: 26M8W7D 256QAM: 26M8W7D Pi/2BPSK: 26M8G7D
	NR Band n41 Channel Bandwidth: 40MHz	QPSK: 35M8G7D 16QAM: 35M8W7D 64QAM: 35M7W7D 256QAM: 35M8W7D Pi/2BPSK: 35M8G7D

EMISSION DESIGNATOR	NR Band n41 Channel Bandwidth 50MHz	QPSK: 45M7G7D 16QAM: 45M7W7D 64QAM: 45M7W7D 256QAM: 45M7W7D Pi/2BPSK: 45M7G7D
	NR Band n41 Channel Bandwidth 60MHz	QPSK: 57M9G7D 16QAM: 57M9W7D 64QAM: 57M8W7D 256QAM: 57M7W7D Pi/2BPSK: 57M8G7D
	NR Band n41 Channel Bandwidth 70MHz	QPSK: 64M2G7D 16QAM: 64M2W7D 64QAM: 64M3W7D 256QAM: 64M1W7D Pi/2BPSK: 64M3G7D
	NR Band n41 Channel Bandwidth 80MHz	QPSK: 77M0G7D 16QAM: 76M9W7D 64QAM: 77M1W7D 256QAM: 77M0W7D Pi/2BPSK: 77M0G7D
	NR Band n41 Channel Bandwidth 90MHz	QPSK: 86M7G7D 16QAM: 86M9W7D 64QAM: 86M5W7D 256QAM: 86M6W7D Pi/2BPSK: 86M8G7D
	NR Band n41 Channel Bandwidth 100MHz	QPSK: 96M3G7D 16QAM: 96M2W7D 64QAM: 96M5W7D 256QAM: 96M3W7D Pi/2BPSK: 96M2G7D
	NR Band n66 Channel Bandwidth: 5MHz	QPSK: 4M45G7D 16QAM: 4M45W7D 64QAM: 4M47W7D 256QAM: 4M48W7D Pi/2BPSK: 4M47G7D
	NR Band n66 Channel Bandwidth: 10MHz	QPSK: 8M92G7D 16QAM: 8M93W7D 64QAM: 8M91W7D 256QAM: 8M91W7D Pi/2BPSK: 8M92G7D

EMISSION DESIGNATOR	NR Band n66 Channel Bandwidth: 15MHz	QPSK: 13M4G7D 16QAM: 13M4W7D 64QAM: 13M4W7D 256QAM: 13M4W7D Pi/2BPSK: 13M4G7D
	NR Band n66 Channel Bandwidth: 20MHz	QPSK: 17M9G7D 16QAM: 17M9W7D 64QAM: 17M9W7D 256QAM: 17M9W7D Pi/2BPSK: 17M9G7D
	NR Band n66 Channel Bandwidth: 30MHz	QPSK: 28M5G7D 16QAM: 28M5W7D 64QAM: 28M5W7D 256QAM: 28M5W7D Pi/2BPSK: 28M5G7D
	NR Band n66 Channel Bandwidth: 40MHz	QPSK: 38M6G7D 16QAM: 38M4W7D 64QAM: 38M5W7D 256QAM: 38M5W7D Pi/2BPSK: 38M5G7D
	NR Band n71 Channel Bandwidth: 5MHz	QPSK: 4M47G7D 16QAM: 4M48W7D 64QAM: 4M48W7D 256QAM: 4M48W7D Pi/2BPSK: 4M48G7D
	NR Band n71 Channel Bandwidth: 10MHz	QPSK: 8M93G7D 16QAM: 8M92W7D 64QAM: 8M91W7D 256QAM: 8M93W7D Pi/2BPSK: 8M92G7D
	NR Band n71 Channel Bandwidth: 15MHz	QPSK: 13M4G7D 16QAM: 13M4W7D 64QAM: 13M4W7D 256QAM: 13M4W7D Pi/2BPSK: 13M4G7D
	NR Band 77(Part27Q) Channel Bandwidth: 10MHz	QPSK: 8M63G7D 16QAM: 8M61W7D 64QAM: 8M62W7D 256QAM: 8M59W7D Pi/2BPSK: 8M59G7D

EMISSION DESIGNATOR	NR Band 77(Part27Q) Channel Bandwidth: 15MHz	QPSK: 12M9G7D 16QAM: 12M9W7D 64QAM: 12M8W7D 256QAM: 12M9W7D Pi/2BPSK: 12M9G7D
	NR Band 77(Part27Q) Channel Bandwidth: 20MHz	QPSK: 17M8G7D 16QAM: 17M9W7D 64QAM: 17M8W7D 256QAM: 17M8W7D Pi/2BPSK: 17M8G7D
	NR Band 77(Part27Q) Channel Bandwidth: 30MHz	QPSK: 26M8G7D 16QAM: 26M8W7D 64QAM: 26M8W7D 256QAM: 26M8W7D Pi/2BPSK: 26M8G7D
	NR Band 77(Part27Q) Channel Bandwidth: 40MHz	QPSK: 35M7G7D 16QAM: 35M8W7D 64QAM: 35M8W7D 256QAM: 35M8W7D Pi/2BPSK: 35M8G7D
	NR Band 77(Part27Q) Channel Bandwidth: 50MHz	QPSK: 45M7G7D 16QAM: 45M8W7D 64QAM: 45M7W7D 256QAM: 45M7W7D Pi/2BPSK: 45M8G7D
	NR Band 77(Part27Q) Channel Bandwidth: 60MHz	QPSK: 58M0G7D 16QAM: 57M8W7D 64QAM: 57M8W7D 256QAM: 57M9W7D Pi/2BPSK: 57M9G7D
	NR Band 77(Part27Q) Channel Bandwidth: 70MHz	QPSK: 64M3G7D 16QAM: 64M3W7D 64QAM: 64M2W7D 256QAM: 64M2W7D Pi/2BPSK: 64M2G7D
	NR Band 77(Part27Q) Channel Bandwidth: 80MHz	QPSK: 77M1G7D 16QAM: 76M9W7D 64QAM: 77M2W7D 256QAM: 77M1W7D Pi/2BPSK: 77M2G7D

EMISSION DESIGNATOR	NR Band 77(Part27Q) Channel Bandwidth: 90MHz	QPSK: 86M7G7D 16QAM: 86M9W7D 64QAM: 86M6W7D 256QAM: 86M7W7D Pi/2BPSK: 86M8G7D
	NR Band 77(Part27Q) Channel Bandwidth: 100MHz	QPSK: 96M4G7D 16QAM: 96M5W7D 64QAM: 96M4W7D 256QAM: 96M3W7D Pi/2BPSK: 96M3G7D
	NR Band 77(Part27Q) Channel Bandwidth: 10MHz	QPSK: 8M58G7D 16QAM: 8M57W7D 64QAM: 8M58W7D 256QAM: 8M56W7D Pi/2BPSK: 8M58G7D
	NR Band 77(Part27Q) Channel Bandwidth: 15MHz	QPSK: 12M8G7D 16QAM: 12M8W7D 64QAM: 12M9W7D 256QAM: 12M9W7D Pi/2BPSK: 12M8G7D
	NR Band 77(Part27O) Channel Bandwidth: 20MHz	QPSK: 17M9G7D 16QAM: 17M9W7D 64QAM: 17M8W7D 256QAM: 17M8W7D Pi/2BPSK: 17M8G7D
	NR Band 77(Part27O) Channel Bandwidth: 30MHz	QPSK: 26M8G7D 16QAM: 26M8W7D 64QAM: 26M8W7D 256QAM: 26M8W7D Pi/2BPSK: 26M8G7D
	NR Band 77(Part27O) Channel Bandwidth: 40MHz	QPSK: 35M8G7D 16QAM: 35M8W7D 64QAM: 35M8W7D 256QAM: 35M8W7D Pi/2BPSK: 35M8G7D
	NR Band 77(Part27O) Channel Bandwidth: 50MHz	QPSK: 45M7G7D 16QAM: 45M7W7D 64QAM: 45M7W7D 256QAM: 45M7W7D Pi/2BPSK: 45M7G7D

EMISSION DESIGNATOR	NR Band 77(Part27O) Channel Bandwidth: 60MHz	QPSK: 58M0G7D 16QAM: 57M8W7D 64QAM: 57M8W7D 256QAM: 57M9W7D Pi/2BPSK: 57M9G7D
	NR Band 77(Part27O) Channel Bandwidth: 70MHz	QPSK: 64M3G7D 16QAM: 64M3W7D 64QAM: 64M2W7D 256QAM: 64M2W7D Pi/2BPSK: 64M2G7D
	NR Band 77(Part27O) Channel Bandwidth: 80MHz	QPSK: 77M1G7D 16QAM: 77M0W7D 64QAM: 77M2W7D 256QAM: 77M1W7D Pi/2BPSK: 77M1G7D
	NR Band 77(Part27O) Channel Bandwidth: 90MHz	QPSK: 86M6G7D 16QAM: 86M9W7D 64QAM: 86M5W7D 256QAM: 86M6W7D Pi/2BPSK: 86M8G7D
	NR Band 77(Part27O) Channel Bandwidth: 100MHz	QPSK: 96M4G7D 16QAM: 96M4W7D 64QAM: 96M3W7D 256QAM: 96M2W7D Pi/2BPSK: 96M2G7D
5G SA MAX. EIRP/ERP POWER	NR Band n2 Channel Bandwidth: 5MHz	309.74mW
	NR Band n2 Channel Bandwidth: 10MHz	310.46mW
	NR Band n2 Channel Bandwidth: 15MHz	311.89mW
	NR Band n2 Channel Bandwidth: 20MHz	323.59mW

5G SA MAX. EIRP/ERP POWER	NR Band n5 Channel Bandwidth: 5MHz	68.23mW
	NR Band n5 Channel Bandwidth: 10MHz	69.18mW
	NR Band n5 Channel Bandwidth: 15MHz	69.02mW
	NR Band n5 Channel Bandwidth: 20MHz	70.47mW
	NR Band n7 Channel Bandwidth: 5MHz	146.55mW
	NR Band n7 Channel Bandwidth: 10MHz	146.55mW
	NR Band n7 Channel Bandwidth: 15MHz	148.25mW
	NR Band n7 Channel Bandwidth: 20MHz	152.05mW
	NR Band n7 Channel Bandwidth: 25MHz	154.53mW
	NR Band n7 Channel Bandwidth: 30MHz	154.17mW
	NR Band n7 Channel Bandwidth: 40MHz	153.11mW

5G SA MAX. EIRP/ERP POWER	NR Band n12 Channel Bandwidth: 5MHz	115.61mW
	NR Band n12 Channel Bandwidth: 10MHz	114.82mW
	NR Band n12 Channel Bandwidth: 15MHz	117.76mW
	NR Band n13 Channel Bandwidth: 5MHz	128.23mW
	NR Band n13 Channel Bandwidth: 10MHz	128.53 mW
	NR Band n25 Channel Bandwidth: 5MHz	280.54mW
	NR Band n25 Channel Bandwidth: 10MHz	282.49mW
	NR Band n25 Channel Bandwidth: 15MHz	279.25mW
	NR Band n25 Channel Bandwidth: 20MHz	279.25mW
	NR Band n25 Channel Bandwidth: 25MHz	284.45mW
	NR Band n25 Channel Bandwidth: 30MHz	291.07mW
	NR Band n25 Channel Bandwidth: 40MHz	295.8mW

5G SA MAX. EIRP/ERP POWER	NR Band n26 Channel Bandwidth: 5MHz	75.86mW
	NR Band n26 Channel Bandwidth: 10MHz	75.34mW
	NR Band n26 Channel Bandwidth: 15MHz	76.21mW
	NR Band n26 Channel Bandwidth: 20MHz	76.38mW
	NR Band n38 Channel Bandwidth: 10MHz	112.46mW
	NR Band n38 Channel Bandwidth: 15MHz	113.24mW
	NR Band n38 Channel Bandwidth: 20MHz	115.61mW
	NR Band n38 Channel Bandwidth: 30MHz	112.46mW
	NR Band n38 Channel Bandwidth: 40MHz	116.14mW

5G SA MAX. EIRP/ERP POWER	NR Band n41 Channel Bandwidth: 10MHz	503.5mW
	NR Band n41 Channel Bandwidth: 15MHz	509.33mW
	NR Band n41 Channel Bandwidth: 20MHz	505.82mW
	NR Band n41 Channel Bandwidth: 30MHz	495.45mW
	NR Band n41 Channel Bandwidth: 40MHz	496.59mW
	NR Band n41 Channel Bandwidth: 50MHz	506.99mW
	NR Band n41 Channel Bandwidth: 60MHz	498.88mW
	NR Band n41 Channel Bandwidth: 70MHz	509.33mW
	NR Band n41 Channel Bandwidth: 80MHz	495.45mW
	NR Band n41 Channel Bandwidth: 90MHz	505.82mW
	NR Band n41 Channel Bandwidth: 100MHz	527.23mW

5G SA MAX. EIRP/ERP POWER	NR Band n41(HPUE) Channel Bandwidth: 10MHz	970.51mW
	NR Band n41(HPUE) Channel Bandwidth: 15MHz	968.28mW
	NR Band n41(HPUE) Channel Bandwidth: 20MHz	984.01mW
	NR Band n41(HPUE) Channel Bandwidth: 30MHz	970.51mW
	NR Band n41(HPUE) Channel Bandwidth: 40MHz	984.01mW
	NR Band n41(HPUE) Channel Bandwidth: 50MHz	974.99mW
	NR Band n41(HPUE) Channel Bandwidth: 60MHz	984.01mW
	NR Band n41(HPUE) Channel Bandwidth: 70MHz	979.49mW
	NR Band n41(HPUE) Channel Bandwidth: 80MHz	990.83mW
	NR Band n41(HPUE) Channel Bandwidth: 90MHz	968.28mW
	NR Band n41(HPUE) Channel Bandwidth: 100MHz	1030.39mW

5G SA MAX. EIRP/ERP POWER	NR Band n66 Channel Bandwidth: 5MHz	257.63mW
	NR Band n66 Channel Bandwidth: 10MHz	255.86mW
	NR Band n66 Channel Bandwidth: 15MHz	257.04mW
	NR Band n66 Channel Bandwidth: 20MHz	256.45mW
	NR Band n66 Channel Bandwidth: 25MHz	257.04mW
	NR Band n66 Channel Bandwidth: 30MHz	267.3mW
	NR Band n66 Channel Bandwidth: 40MHz	270.4mW
	NR Band n71 Channel Bandwidth: 5MHz	116.68mW
	NR Band n71 Channel Bandwidth: 10MHz	114.82mW
	NR Band n71 Channel Bandwidth: 15MHz	115.35mW
	NR Band n71 Channel Bandwidth: 20MHz	117.49mW
	NR Band 77(Part27Q) Channel Bandwidth: 10MHz	149.97mW
	NR Band 77(Part27Q) Channel Bandwidth: 15MHz	151.71mW

5G SA MAX. EIRP/ERP POWER	NR Band 77(Part27Q) Channel Bandwidth: 20MHz	151.71mW
	NR Band 77(Part27Q) Channel Bandwidth: 30MHz	152.41mW
	NR Band 77(Part27Q) Channel Bandwidth: 40MHz	153.11mW
	NR Band 77(Part27Q) Channel Bandwidth: 50MHz	150.66mW
	NR Band 77(Part27Q) Channel Bandwidth: 60MHz	152.05mW
	NR Band 77(Part27Q) Channel Bandwidth: 70MHz	149.28mW
	NR Band 77(Part27Q) Channel Bandwidth: 80MHz	150.66mW
	NR Band 77(Part27Q) Channel Bandwidth: 90MHz	153.11mW
	NR Band 77(Part27Q) Channel Bandwidth: 100MHz	153.46mW
	NR Band 77(Part27Q) (HPUE) Channel Bandwidth: 10MHz	281.19mW
	NR Band 77(Part27Q) (HPUE) Channel Bandwidth: 15MHz	283.79mW
	NR Band 77(Part27Q) (HPUE) Channel Bandwidth: 20MHz	285.1mW
	NR Band 77(Part27Q) (HPUE) Channel Bandwidth: 30MHz	285.76mW
	NR Band 77(Part27Q) (HPUE) Channel Bandwidth: 40MHz	287.74mW

5G SA MAX. EIRP/ERP POWER	NR Band 77(Part27Q) (HPUE) Channel Bandwidth: 50MHz	284.45mW
	NR Band 77(Part27Q) (HPUE) Channel Bandwidth: 60MHz	287.08mW
	NR Band 77(Part27Q) (HPUE) Channel Bandwidth: 70MHz	285.1mW
	NR Band 77(Part27Q) (HPUE) Channel Bandwidth: 80MHz	287.74mW
	NR Band 77(Part27Q) (HPUE) Channel Bandwidth: 90MHz	287.08mW
	NR Band 77(Part27Q) (HPUE)Channel Bandwidth: 100MHz	288.4mW
	NR Band 77(Part27O) Channel Bandwidth: 10MHz	165.2mW
	NR Band 77(Part27O) Channel Bandwidth: 15MHz	165.58mW
	NR Band 77(Part27O) Channel Bandwidth: 20MHz	167.49mW
	NR Band 77(Part27O) Channel Bandwidth: 30MHz	168.27mW
	NR Band 77(Part27O) Channel Bandwidth: 40MHz	163.68mW
	NR Band 77(Part27O) Channel Bandwidth: 50MHz	163.68mW
	NR Band 77(Part27O) Channel Bandwidth: 60MHz	167.88mW
	NR Band 77(Part27O) Channel Bandwidth: 70MHz	163.31mW

5G SA MAX. EIRP/ERP POWER	NR Band 77(Part27O) Channel Bandwidth: 80MHz	163.31mW
	NR Band 77(Part27O) Channel Bandwidth: 90MHz	158.85mW
	NR Band 77(Part27O) Channel Bandwidth: 100MHz	168.66mW
	NR Band 77(Part27O)(HPUE) Channel Bandwidth: 10MHz	165.2mW
	NR Band 77(Part27O) (HPUE) Channel Bandwidth: 15MHz	165.58mW
	NR Band 77(Part27O) (HPUE) Channel Bandwidth: 20MHz	167.49mW
	NR Band 77(Part27O) (HPUE) Channel Bandwidth: 30MHz	168.27mW
	NR Band 77(Part27O) (HPUE) Channel Bandwidth: 40MHz	163.68mW
	NR Band 77(Part27O) (HPUE) Channel Bandwidth: 50MHz	163.68mW
	NR Band 77(Part27O) (HPUE) Channel Bandwidth: 60MHz	167.88mW
	NR Band 77(Part27O) (HPUE) Channel Bandwidth: 70MHz	163.31mW
	NR Band 77(Part27O) (HPUE) Channel Bandwidth: 80MHz	163.31mW
	NR Band 77(Part27O) (HPUE) Channel Bandwidth: 90MHz	164.44mW

5G SA MAX. EIRP/ERP POWER	NR Band 77(Part27O) (HPUE) Channel Bandwidth: 100MHz	168.66 mW
	NR Band 78(Part27Q) Channel Bandwidth: 10MHz	169.82 mW
	NR Band 78(Part27Q) Channel Bandwidth: 15MHz	167.49 mW
	NR Band 78(Part27Q) Channel Bandwidth: 20MHz	167.11mW
	NR Band 78(Part27Q) Channel Bandwidth: 30MHz	169.04mW
	NR Band 78(Part27Q) Channel Bandwidth: 40MHz	169.82mW
	NR Band 78(Part27Q) Channel Bandwidth: 50MHz	169.82mW
	NR Band 78(Part27Q) Channel Bandwidth: 60MHz	167.49mW
	NR Band 78(Part27Q) Channel Bandwidth: 70MHz	168.27mW
	NR Band 78(Part27Q) Channel Bandwidth: 80MHz	169.82mW
	NR Band 78(Part27Q) Channel Bandwidth: 90MHz	167.88mW
	NR Band 78(Part27Q) Channel Bandwidth: 100MHz	170.22mW
	NR Band 78(Part27Q)(HPUE) Channel Bandwidth: 10MHz	297.85mW
	NR Band 78(Part27Q) (HPUE) Channel Bandwidth: 15MHz	293.76mW
	NR Band 78(Part27Q) (HPUE) Channel Bandwidth: 20MHz	298.54mW

5G SA MAX. EIRP/ERP POWER	NR Band 78(Part27Q) (HPUE) Channel Bandwidth: 30MHz	296.48mW
	NR Band 78(Part27Q) (HPUE) Channel Bandwidth: 40MHz	297.85mW
	NR Band 78(Part27Q) (HPUE) Channel Bandwidth: 50MHz	294.44mW
	NR Band 78(Part27Q) (HPUE) Channel Bandwidth: 60MHz	298.54mW
	NR Band 78(Part27Q) (HPUE) Channel Bandwidth: 70MHz	298.54mW
	NR Band 78(Part27Q) (HPUE) Channel Bandwidth: 80MHz	295.8mW
	NR Band 78(Part27Q) (HPUE) Channel Bandwidth: 90MHz	295.12mW
	NR Band 78(Part27Q) (HPUE) Channel Bandwidth: 100MHz	300.61mW

ANTENNA TYPE	5G SA ANT 0 Internal Antenna with 1.41 dBi gain for NR Band n2 Internal Antenna with -2.9 dBi gain for NR Band n5 Internal Antenna with -0.28dBi gain for NR Band n12 Internal Antenna with -0.19dBi gain for NR Band n13 Internal Antenna with 1.41 dBi gain for NR Band n25 Internal Antenna with -2.24 dBi gain for NR Band n26 Internal Antenna with 1.32dBi gain for NR Band n66 Internal Antenna with -0.21dBi gain for NR Band n71 ANT6 Internal Antenna with -1.7 dBi gain for NR Band n7 Internal Antenna with -2.48dBi gain for NR Band n38 ANT10 Internal Antenna with 3.65dBi gain for NR Band n41 ANT11 Internal Antenna with -0.96dBi gain for NR Band n77 Internal Antenna with -0.96dBi gain for NR Band n78
HW VERSION	MP
SW VERSION	95.00
I/O PORTS	Refer to user's manual
CABLE SUPPLIED	USB cable: non-shielded cable, with w/o ferrite core, 1.5meter
EXTREME TEMPERATURE	-20-60 °C
EXTREME VOLTAGE	3.5V – 4.45V

NOTE:

- For a more detailed features description, please refer to the manufacturer's specifications or the user's manual.
- The EUT incorporates a SISO function. Physically, the EUT provides one completed transmitter and four receivers.

MODULATION MODE	TX FUNCTION
5G NR	1TX/4RX

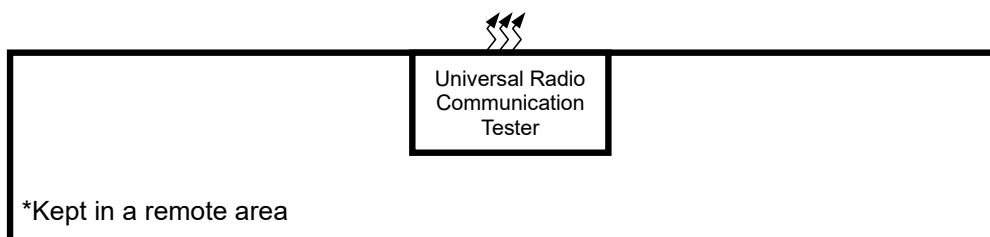
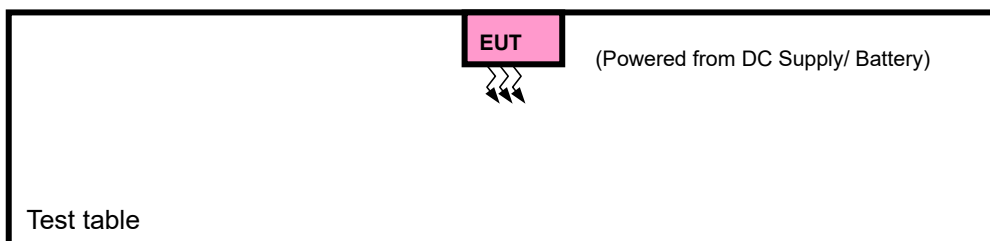
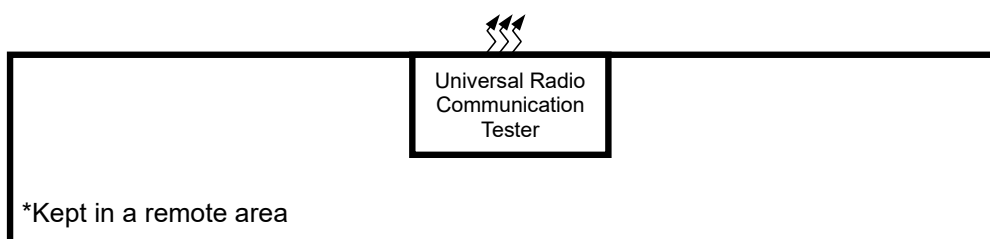
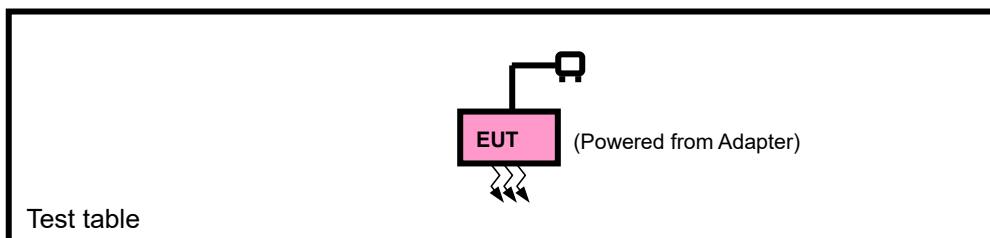
- For the test results, the EUT had been tested with all conditions. But only the worst case was shown in test report.
- Antenna gain and EUT conducted cable loss are provided by the customer, and the laboratory will record the results based on these items that involve these two parameters.
- Max ERP/EIRP is according to Max conducted power calculate for SA.
- For ENDC combinations, all the cases have been considered, only the worst case datas have been reported in the radiated emission measurement.

List of Accessory:

ACCESSORIES	BRAND	MANUFACTURER	MODEL	SPECIFICATION
Battery	N/A	Shenzhen Guangwei Electronic Technology CO., LTD	95-BTSC	Capacity : 3.87Vdc, 4820mAh
AC Adapter 1	N/A	Shenzhen Shi Ying Yuan Electronics Co Ltd	ICP12-050-2000D(ICP12-xxx-yyyf)	I/P: 100-240Vac, 0.3mA, O/P: 5.0Vdc, 2A
AC Adapter 2	N/A	SHENZHEN AQUILSTAR TECHNOLOGY CO.,LTD.	ASUC71w-050912300	I/P: 100-240V~50/60Hz, 0.7A O/P: 5.0Vdc, 3A or 9.0Vdc, 2A or 12.0Vdc, 1.5A
USB Cable	N/A	Dongguan DAWEI PRECISION Technology Co., Ltd.	SC-109B205	USB3.0, 1.5m

2.2 CONFIGURATION OF SYSTEM UNDER TEST

FOR RADIATION EMISSION TEST



2.3 DESCRIPTION OF SUPPORT UNITS

The EUT has been tested as an independent unit together with other necessary accessories or support units. The following support units or accessories were used to form a representative test configuration during the tests.

NO.	PRODUCT	BRAND	MODEL NO.	SERIAL NO.	FCC ID
1	N/A	N/A	N/A	N/A	N/A

NO.	SIGNAL CABLE DESCRIPTION OF THE ABOVE SUPPORT UNITS
1	USB Line: Unshielded, Detachable, 1.5m;

2.4 TEST ITEM AND TEST CONFIGURATION

Pre-Scan has been conducted to determine the worst-case mode from all possible combinations between available modulations, data rates, XYZ axis and antenna ports. The worst case was found when positioned on Y-plane for EIRP and X-axis for radiated emission. Following channel(s) was (were) selected for the final test as listed below:

EUT CONFIGURE MODE	DESCRIPTION
A	EUT + Adapter + USB Cable with 5G NR link
B	EUT + DC Supply /Battery with 5G NR link

5G NR n2 MODE (SA_n2/ ENDC)

EUT CONFIGURE MODE	TEST ITEM	AVAILAB LE CP-OFDM CHANNE L	AVAILABL E DFT-S-OFD M CHANNEL	TESTED CHANNEL	CHANNEL BANDWIDTH	MODULATION	MODE(DFT-S- OFDM) (INCLUDE CP-OFDM)
A	EIRP	370500 to 381500	370500 to 381500	Low, Middle, High	5MHz	QPSK	1RB/ 0RB Offset
		371000 to 381000	371000 to 381000	Low, Middle, High	10MHz	QPSK	1RB/ 0RB Offset
		371500 to 380500	371500 to 380500	Low, Middle, High	15MHz	QPSK	1RB/ 0RB Offset
		372000 to 513500	372000 to 513500	Low, Middle, High	20MHz	Pi/2BPSK,QPSK,16QAM, 64QAM, 256QAM	1RB/ 0RB Offset

Note: 1.This device was tested under all bandwidths, RB configurations and modulations. The worst case was found in QPSK modulation.

2. The EIRP calculate presented in the report from worst SA n2.

3. SA n2 are covered by SA n25, Because it is a subset of SA n25 with the same output power and supported bandwidths, So the conducted test data and RSE test data please refer to SA n25.

5G NR n5 MODE (SA_n5/ENDC)

EUT CONFIGU RE MODE	TEST ITEM	AVAILAB LE CP-OFDM CHANNE L	AVAILABL E DFT-S-OFD M CHANNEL	TESTED CHANNEL	CHANNEL BANDWIDTH	MODULATION	MODE(DFT-S- OFDM) (INCLUDE CP-OFDM)
A	ERP	165300 to 169300	165300 to 169300	Low, Middle, High	5MHz	QPSK	1RB/ 0RB Offset
		165800 to 168800	165800 to 168800	Low, Middle, High	10MHz	QPSK	1RB/ 0RB Offset
		166300 to 168300	166300 to 168300	Low, Middle, High	15MHz	QPSK	1RB/ 0RB Offset
		166800 to 167800	166800 to 167800	Low, Middle, High	20MHz	Pi/2BPSK,QPSK,16QAM, 64QAM, 256QAM	1RB/ 0RB Offset

Note: 1.This device was tested under all bandwidths, RB configurations and modulations. The worst case was found in QPSK modulation.

2. The test data presented in the report from worst SA _n5.

3. SA n5 are covered by SA n26, Because it is a subset of SA n26 with the same output power and supported bandwidths, So the conducted test data and RSE test data please refer to SA n26.

5G NR n7 MODE (SA_n7/ ENDC)

EUT CONFIGURE MODE	TEST ITEM	AVAILABLE CP-OFDM CHANNEL	AVAILABLE DFT-S-OFDM CHANNEL	TESTED CHANNEL	CHANNEL BANDWIDTH	MODULATION	MODE(DFT-S-OFDM) (INCLUDE CP-OFDM)
A	ERP	500500 to 513500	500500 to 513500	Low, Middle, High	5MHz	QPSK	1RB/ 0RB Offset
		51000 to 513000	51000 to 513000	Low, Middle, High	10MHz	QPSK	1RB/ 0RB Offset
		501500 to 512500	501500 to 512500	Low, Middle, High	15MHz	QPSK	1RB/ 0RB Offset
		502000 to 512000	502000 to 512000	Low, Middle, High	20MHz	QPSK	1RB/ 0RB Offset
		502500 to 511500	502500 to 511500	Low, Middle, High	25MHz	QPSK	1RB/ 0RB Offset
		503000 to 511000	503000 to 511000	Low, Middle, High	30MHz	QPSK	1RB/ 0RB Offset
		504000 to 510000	504000 to 510000	Low, Middle, High	40MHz	Pi/2BPSK, QPSK, 16QAM, 64QAM, 256QAM	1RB/ 0RB Offset
B	FREQUENCY STABILITY	502000 to 512000	502000 to 512000	Middle	20MHz	QPSK	Outer_ Full
A	PEAK TO AVERAGE RATIO	502000 to 512000	502000 to 512000	Low, Middle, High	20MHz	QPSK	1RB/ 0RB Offset
							Outer_ Full
A	OCCUPIED BANDWIDTH	500500 to 513500	500500 to 513500	Middle	5MHz	Pi/2BPSK, QPSK, 16QAM, 64QAM, 256QAM	Outer_ Full
		51000 to 513000	51000 to 513000	Middle	10MHz	Pi/2BPSK, QPSK, 16QAM, 64QAM, 256QAM	Outer_ Full
		501500 to 512500	501500 to 512500	Middle	15MHz	Pi/2BPSK, QPSK, 16QAM, 64QAM, 256QAM	Outer_ Full
		502000 to 512000	502000 to 512000	Middle	20MHz	Pi/2BPSK, QPSK, 16QAM, 64QAM, 256QAM	Outer_ Full
		502500 to 511500	502500 to 511500	Middle	25MHz	Pi/2BPSK, QPSK, 16QAM, 64QAM, 256QAM	Outer_ Full
		503000 to 511000	503000 to 511000	Low, Middle, High	30MHz	Pi/2BPSK, QPSK, 16QAM, 64QAM, 256QAM	Outer_ Full
		504000 to 510000	504000 to 510000	Low, Middle, High	40MHz	Pi/2BPSK, QPSK, 16QAM, 64QAM, 256QAM	Outer_ Full
A	BAND EDGE	500500 to 513500	500500 to 513500	Low	5MHz	QPSK	1RB/ 0RB Offset
				High	5MHz	QPSK	Outer_ Full
							1RB/ 24RB Offset
		502500 to 511500	502500 to 511500	Low	25MHz	QPSK	Outer_ Full
							1RB/ 0RB Offset
				High	25MHz	QPSK	Outer_ Full
							1RB/ 51RB Offset
		504000 to 510000	504000 to 510000	Low	40MHz	QPSK	Outer_ Full
							1RB/ 0RB Offset

				High	40MHz	QPSK	1RB/ 105RB Offset
							Outer_ Full
A	CONDUCTED EMISSION	500500 to 513500	500500 to 513500	Low, Middle, High	5MHz	QPSK	1RB/ 0RB Offset
		502500 to 511500	502500 to 511500	Low, Middle, High	25MHz	QPSK	1RB/ 0RB Offset
		504000 to 510000	504000 to 510000	Low, Middle, High	40MHz	QPSK	1RB/ 0RB Offset
A	RADIATED EMISSION	500500 to 513500	500500 to 513500	Middle	5MHz	QPSK	1RB/ 0RB Offset
		51000 to 513000	51000 to 513000	Low, Middle, High	10MHz	QPSK	1RB/ 0RB Offset
		501500 to 512500	501500 to 512500	Middle	15MHz	QPSK	1RB/ 0RB Offset
		502000 to 512000	502000 to 512000	Middle	20MHz	QPSK	1RB/ 0RB Offset
		502500 to 511500	502500 to 511500	Middle	25MHz	QPSK	1RB/ 0RB Offset
		503000 to 511000	503000 to 511000	Middle	30MHz	QPSK	1RB/ 0RB Offset
		504000 to 510000	504000 to 510000	Middle	40MHz	QPSK	1RB/ 0RB Offset

Note: 1. This device was tested under all bandwidths, RB configurations and modulations. The worst case was found in QPSK modulation.

2. The test data presented in the report from worst SA_n7.

5G NR n12 MODE (SA_n12/ ENDC)

EUT CONFIGU RE MODE	TEST ITEM	AVAILAB LE CP-OFDM CHANNE L	AVAILABL E DFT-S-OFD M CHANNEL	TESTED CHANNEL	CHANNEL BANDWIDTH	MODULATION	MODE(DFT-S- OFDM) (INCLUDE CP-OFDM)
A	ERP	140300 to 142700	140300 to 142700	Low, Middle, High	5MHz	QPSK	1RB/ 0RB Offset
		140800 to 142200	140800 to 142200	Low, Middle, High	10MHz	QPSK	1RB/ 0RB Offset
		141300 to 141700	141300 to 141700	Low, Middle, High	15MHz	Pi/2BPSK, QPSK, 16QAM, 64QAM, 256QAM	1RB/ 0RB Offset
B	FREQUENCY STABILITY	141300 to 141700	141300 to 141700	Middle	15MHz	QPSK	Outer_ Full
A	PEAK TO AVERAGE RATIO	141300 to 141700	141300 to 141700	Low, Middle, High	15MHz	QPSK	1RB/ 0RB Offset
							Outer_ Full
A	OCCUPIED BANDWIDTH	140300 to 142700	140300 to 142700	Middle	5MHz	Pi/2BPSK, QPSK, 16QAM, 64QAM, 256QAM	Outer_ Full
		140800 to 142200	140800 to 142200	Middle	10MHz	Pi/2BPSK, QPSK, 16QAM, 64QAM, 256QAM	Outer_ Full
		141300 to 141700	141300 to 141700	Middle	15MHz	Pi/2BPSK, QPSK, 16QAM, 64QAM, 256QAM	Outer_ Full

A	BAND EDGE	140300 to 142700	140300 to 142700	Low	5MHz	Pi/2BPSK,QPSK,16QAM, 64QAM, 256QAM	1RB/ 0RB Offset
				High	5MHz	Pi/2BPSK,QPSK,16QAM, 64QAM, 256QAM	Outer_Full
		140800 to 142200	140800 to 142200	Low	10MHz	Pi/2BPSK,QPSK,16QAM, 64QAM, 256QAM	1RB/ 24RB Offset
				High	10MHz	Pi/2BPSK,QPSK,16QAM, 64QAM, 256QAM	Outer_Full
		141300 to 141700	141300 to 141700	Low	15MHz	Pi/2BPSK,QPSK,16QAM, 64QAM, 256QAM	1RB/ 0RB Offset
				High	15MHz	Pi/2BPSK,QPSK,16QAM, 64QAM, 256QAM	Outer_Full
		140300 to 142700	140300 to 142700	Low, Middle, High	5MHz	QPSK	1RB/ 0RB Offset
				Low, Middle, High	10MHz	QPSK	1RB/ 0RB Offset
		140800 to 142200	140800 to 142200	Low, Middle, High	15MHz	QPSK	1RB/ 0RB Offset
				Low, Middle, High	15MHz	QPSK	1RB/ 0RB Offset
		141300 to 141700	141300 to 141700	Middle	5MHz	QPSK	1RB/ 0RB Offset
				Low, Middle, High	10MHz	QPSK	1RB/ 0RB Offset
A	RADIATED EMISSION	140300 to 142700	140300 to 142700	Middle	5MHz	QPSK	1RB/ 0RB Offset
		140800 to 142200	140800 to 142200	Low, Middle, High	10MHz	QPSK	1RB/ 0RB Offset
		141300 to 141700	141300 to 141700	Middle	15MHz	QPSK	1RB/ 0RB Offset

Note: 1.This device was tested under all bandwidths, RB configurations and modulations. The worst case was found in QPSK modulation.

2. The test data presented in the report from worst SA_n12.

5G NR n13 MODE (SA_n13)

EUT CONFIGURE MODE	TEST ITEM	AVAILABLE CP-OFDM CHANNEL	AVAILABLE DFT-S-OFDM CHANNEL	TESTED CHANNEL	CHANNEL BANDWIDTH	MODULATION	MODE(DFT-S-OFDM) (INCLUDE CP-OFDM)
A	ERP	155900 to 156900	155900 to 156900	Low, Middle, High	5MHz	QPSK	1RB/ 0RB Offset
		156400	156400	Middle	10MHz	Pi/2BPSK,QPSK,16QAM, 64QAM, 256QAM	1RB/ 0RB Offset
B	FREQUENCY STABILITY	155900 to 156900	155900 to 156900	Middle	5MHz	QPSK	Outer_ Full
A	PEAK TO AVERAGE RATIO	155900 to 156900	155900 to 156900	Low, Middle, High	5MHz	QPSK	1RB/ 0RB Offset
							Outer_ Full
A	OCCUPIED BANDWIDTH	155900 to 156900	155900 to 156900	Middle	5MHz	Pi/2BPSK,QPSK,16QAM, 64QAM, 256QAM	Outer_ Full
		156400	156400	Middle	10MHz	Pi/2BPSK,QPSK,16QAM, 64QAM, 256QAM	Outer_ Full
A	BAND EDGE	155900 to 156900	155900 to 156900	Low	5MHz	Pi/2BPSK,QPSK,16QAM, 64QAM, 256QAM	1RB/ 0RB Offset
							Outer_ Full
				High	5MHz	Pi/2BPSK,QPSK,16QAM, 64QAM, 256QAM	1RB/ 24RB Offset
							Outer_ Full
		156400	156400	Middle	10MHz	Pi/2BPSK,QPSK,16QAM, 64QAM, 256QAM	1RB/ 0RB Offset
							Outer_ Full
A	CONDUCTED EMISSION	155900 to 156900	155900 to 156900	Low, Middle, High	5MHz	QPSK	1RB/ 0RB Offset
		140800 to 142200	140800 to 142200	Low, Middle, High	10MHz	QPSK	1RB/ 0RB Offset
A	RADIATED EMISSION	155900 to 156900	155900 to 156900	Low, Middle, High	5MHz	QPSK	1RB/ 0RB Offset
		156400	156400	Middle	10MHz	QPSK	1RB/ 0RB Offset

Note: 1.This device was tested under all bandwidths, RB configurations and modulations. The worst case was found in QPSK modulation.

2. The test data presented in the report from worst SA_n13.

5G NR n25 MODE (SA_n25/ENDC)

EUT CONFIGURE MODE	TEST ITEM	AVAILABLE CP-OFDM CHANNEL	AVAILABLE DFT-S-OFDM CHANNEL	TESTED CHANNEL	CHANNEL BANDWIDTH	MODULATION	MODE(DFT-S-OFDM) (INCLUDE CP-OFDM)
A	EIRP	370500 to 382500	370500 to 382500	Low, Middle, High	5MHz	QPSK	1RB/ 0RB Offset
		371000 to 382000	371000 to 382000	Low, Middle, High	10MHz	QPSK	1RB/ 0RB Offset
		371500 to 381500	371500 to 381500	Low, Middle, High	15MHz	QPSK	1RB/ 0RB Offset
		372000 to 381000	372000 to 381000	Low, Middle, High	20MHz	QPSK	1RB/ 0RB Offset
		372500 to 380500	372500 to 380500	Low, Middle, High	25MHz	QPSK	1RB/ 0RB Offset
		373000 to 380000	373000 to 380000	Low, Middle, High	30MHz	QPSK	1RB/ 0RB Offset
		374000 to 379000	374000 to 379000	Low, Middle, High	40MHz	Pi/2BPSK,QPSK,16QAM, 64QAM, 256QAM	1RB/ 0RB Offset
B	FREQUENCY STABILITY	372000 to 381000	372000 to 381000	Middle	20MHz	QPSK	Outer_ Full
A	PEAK TO AVERAGE RATIO	372000 to 381000	372000 to 381000	Low, Middle, High	20MHz	QPSK	1RB/ 0RB Offset
							Outer_ Full
A	OCCUPIED BANDWIDTH	370500 to 382500	370500 to 382500	Middle	5MHz	Pi/2BPSK,QPSK,16QAM, 64QAM, 256QAM	Outer_ Full
		371000 to 382000	371000 to 382000	Middle	10MHz	Pi/2BPSK,QPSK,16QAM, 64QAM, 256QAM	Outer_ Full
		371500 to 381500	371500 to 381500	Middle	15MHz	Pi/2BPSK,QPSK,16QAM, 64QAM, 256QAM	Outer_ Full
		372000 to 381000	372000 to 381000	Middle	20MHz	Pi/2BPSK,QPSK,16QAM, 64QAM, 256QAM	Outer_ Full
		372500 to 380500	372500 to 380500	Low, Middle, High	25MHz	Pi/2BPSK,QPSK,16QAM, 64QAM, 256QAM	Outer_ Full
		373000 to 380000	373000 to 380000	Low, Middle, High	30MHz	Pi/2BPSK,QPSK,16QAM, 64QAM, 256QAM	Outer_ Full
		374000 to 379000	374000 to 379000	Low, Middle, High	40MHz	Pi/2BPSK,QPSK, 16QAM, 64QAM, 256QAM	Outer_ Full
A	BAND EDGE	370500 to 382500	370500 to 382500	Low	5MHz	QPSK	1RB/ 0RB Offset
				High	5MHz	QPSK	Outer_ Full
		372000 to 381000	372000 to 381000	Low	20MHz	QPSK	1RB/ 24 RB Offset
				High	20MHz	QPSK	Outer_ Full
		372000 to 381000	372000 to 381000	Low	20MHz	QPSK	1RB/ 0RB Offset
				High	20MHz	QPSK	Outer_ Full
		374000 to 379000	374000 to 379000	Low	40MHz	QPSK	1RB/ 105 RB Offset
				High	40MHz	QPSK	Outer_ Full

A	CONDUCTED EMISSION	370500 to 382500	370500 to 382500	Low, Middle, High	5MHz	QPSK	1RB/ 0RB Offset
		372000 to 381000	372000 to 381000	Low, Middle, High	20MHz	QPSK	1RB/ 0RB Offset
		374000 to 379000	374000 to 379000	Low, Middle, High	40MHz	QPSK	1RB/ 0RB Offset
A	RADIATED EMISSION	370500 to 382500	370500 to 382500	Middle	5MHz	QPSK	1RB/ 0RB Offset
		371000 to 382000	371000 to 382000	Middle	10MHz	QPSK	1RB/ 0RB Offset
		371500 to 381500	371500 to 381500	Middle	15MHz	QPSK	1RB/ 0RB Offset
		372000 to 381000	372000 to 381000	Middle	20MHz	QPSK	1RB/ 0RB Offset
		372500 to 380500	372500 to 380500	Low, Middle, High	25MHz	QPSK	1RB/ 0RB Offset
		373000 to 380000	373000 to 380000	Middle	30MHz	QPSK	1RB/ 0RB Offset
		374000 to 379000	374000 to 379000	Middle	40MHz	QPSK	1RB/ 0RB Offset

Note: 1.This device was tested under all bandwidths, RB configurations and modulations. The worst case was found in QPSK modulation.

2. The test data presented in the report from worst SA_n25

5G NR n26 MODE (SA_n26)

EUT CONFIGURE MODE	TEST ITEM	AVAILABLE CP-OFDM CHANNEL	AVAILABLE DFT-S-OFDM CHANNEL	TESTED CHANNEL	CHANNEL BANDWIDTH	MODULATION	MODE(DFT-S-OFDM) (INCLUDE CP-OFDM)
A	ERP	165300 to 169300	165300 to 169300	Low, Middle, High	5MHz	QPSK	1RB/ 0RB Offset
		165800 to 168800	165800 to 168800	Low, Middle, High	10MHz	QPSK	1RB/ 0RB Offset
		166300 to 168300	166300 to 168300	Low, Middle, High	15MHz	QPSK	1RB/ 0RB Offset
		166800 to 167800	166800 to 167800	Low, Middle, High	20MHz	Pi/2BPSK,QPSK,16QAM, 64QAM, 256QAM	1RB/ 0RB Offset
B	FREQUENCY STABILITY	166800 to 167800	166800 to 167800	Middle	20MHz	QPSK	Outer_ Full
A	PEAK TO AVERAGE RATIO	166800 to 167800	166800 to 167800	Low, Middle, High	20MHz	QPSK	1RB/ 0RB Offset
							Outer_ Full
A	OCCUPIED BANDWIDTH	165300 to 169300	165300 to 169300	Middle	5MHz	Pi/2BPSK,QPSK,16QAM, 64QAM, 256QAM	Outer_ Full
		165800 to 168800	165800 to 168800	Middle	10MHz	Pi/2BPSK,QPSK,16QAM, 64QAM, 256QAM	Outer_ Full
		166300 to 168300	166300 to 168300	Middle	15MHz	Pi/2BPSK,QPSK,16QAM, 64QAM, 256QAM	Outer_ Full
		166800 to 167800	166800 to 167800	Middle	20MHz	Pi/2BPSK,QPSK,16QAM, 64QAM, 256QAM	Outer_ Full
A	BAND EDGE	165300 to 169300	165300 to 169300	Low	5MHz	QPSK	1RB/ 0RB Offset
				High	5MHz	QPSK	1RB/ 24 RB Offset
		165800 to 168800	165800 to 168800	Low	10MHz	QPSK	1RB/ 0RB Offset
				High	10MHz	QPSK	1RB/ 105 RB Offset
		166800 to 167800	166800 to 167800	Low	20MHz	QPSK	1RB/ 0RB Offset
				High	20MHz	QPSK	1RB/ 215 RB Offset
							Outer_ Full
							Outer_ Full
A	CONDUCTED EMISSION	165300 to 169300	165300 to 169300	Low, Middle, High	5MHz	QPSK	1RB/ 0RB Offset
		165800 to 168800	165800 to 168800	Low, Middle, High	10MHz	QPSK	1RB/ 0RB Offset
		166800 to 167800	166800 to 167800	Low, Middle, High	20MHz	QPSK	1RB/ 0RB Offset
A	RADIATED EMISSION	165300 to 169300	165300 to 169300	Middle	5MHz	QPSK	1RB/ 0RB Offset

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		165800 to 168800	165800 to 168800	Middle	10MHz	QPSK	1RB/ 0RB Offset
		166300 to 168300	166300 to 168300	Middle	15MHz	QPSK	1RB/ 0RB Offset
		166800 to 167800	166800 to 167800	Low, Middle, High	20MHz	QPSK	1RB/ 0RB Offset

Note: 1.This device was tested under all bandwidths, RB configurations and modulations. The worst case was found in QPSK modulation.

2. The test data presented in the report from worst SA_n26

5G NR n38 MODE (SA_n38/ENDC)

EUT CONFIGURE MODE	TEST ITEM	AVAILABLE CP-OFDM CHANNEL	AVAILABLE DFT-S-OFDM CHANNEL	TESTED CHANNEL	CHANNEL BANDWIDTH	MODULATION	MODE(DFT-S-OFDM) (INCLUDE CP-OFDM)
A	ERP	515000 to 523000	515000 to 523000	Low, Middle, High	10MHz	QPSK	1RB/ 0RB Offset
		515500 to 522500	515500 to 522500	Low, Middle, High	15MHz	QPSK	1RB/ 0RB Offset
		516000 to 522000	516000 to 522000	Low, Middle, High	20MHz	QPSK	1RB/ 0RB Offset
		517000 to 521000	517000 to 521000	Low, Middle, High	30MHz	QPSK	1RB/ 0RB Offset
		518000 to 520000	518000 to 520000	Low, Middle, High	40MHz	Pi/2BPSK, QPSK, 16QAM, 64QAM, 256QAM	1RB/ 0RB Offset
A	FREQUENCY STABILITY	516000 to 522000	516000 to 522000	Middle	20MHz	QPSK	Outer_ Full
A	PEAK TO AVERAGE RATIO	516000 to 522000	516000 to 522000	Low, Middle, High	20MHz	QPSK	1RB/ 0RB Offset
							Outer_ Full
A	OCCUPIED BANDWIDTH	515000 to 523000	515000 to 523000	Middle	10MHz	Pi/2BPSK, QPSK, 16QAM, 64QAM, 256QAM	Outer_ Full
		515500 to 522500	515500 to 522500	Middle	15MHz	Pi/2BPSK, QPSK, 16QAM, 64QAM, 256QAM	Outer_ Full
		516000 to 522000	516000 to 522000	Middle	20MHz	Pi/2BPSK, QPSK, 16QAM, 64QAM, 256QAM	Outer_ Full
		517000 to 521000	517000 to 521000	Middle	30MHz	Pi/2BPSK, QPSK, 16QAM, 64QAM, 256QAM	Outer_ Full
		518000 to 520000	518000 to 520000	Middle	40MHz	Pi/2BPSK, QPSK, 16QAM, 64QAM, 256QAM	Outer_ Full
A	BAND EDGE	515000 to 523000	515000 to 523000	Low	10MHz	QPSK	1RB/ 0RB Offset
				High	10MHz	QPSK	Outer_ Full
		516000 to 522000	516000 to 522000	Low	20MHz	QPSK	1RB/ 50RB Offset
				High	20MHz	QPSK	Outer_ Full
		518000 to 520000	518000 to 520000	Low	40MHz	QPSK	1RB/ 161RB Offset
				High	40MHz	QPSK	Outer_ Full

							Outer_Full
							1RB/ 272RB Offset
				High	40MHz	QPSK	Outer_Full
A	CONDUCTED EMISSION	515000 to 523000	515000 to 523000	Low, Middle, High	10MHz	QPSK	1RB/ 0RB Offset
		516000 to 522000	516000 to 522000	Low, Middle, High	20MHz	QPSK	1RB/ 0RB Offset
		518000 to 520000	518000 to 520000	Low, Middle, High	40MHz	QPSK	1RB/ 0RB Offset
A	RADIATED EMISSION	515000 to 523000	515000 to 523000	Middle	10MHz	QPSK	1RB/ 0RB Offset
		515500 to 522500	515500 to 522500	Low, Middle, High	15MHz	QPSK	1RB/ 0RB Offset
		516000 to 522000	516000 to 522000	Middle	20MHz	QPSK	1RB/ 0RB Offset
		517000 to 521000	517000 to 521000	Middle	30MHz	QPSK	1RB/ 0RB Offset
		518000 to 520000	518000 to 520000	Middle	40MHz	QPSK	1RB/ 0RB Offset

Note: 1.This device was tested under all bandwidths, RB configurations and modulations. The worst case was found in QPSK modulation.

2. The EIRP calculate presented in the report from worst SA n38.

5G NR n41 MODE (SA_n41/ENDC)

EUT CONFIGU RE MODE	TEST ITEM	AVAILAB LE CP-OFDM CHANNE L	AVAILABL E DFT-S-OFD M CHANNEL	TESTED CHANNEL	CHANNEL BANDWIDTH	MODULATION	MODE(DFT-S- OFDM) (INCLUDE CP-OFDM)
A	EIRP	500202 to 537000	500202 to 537000	Low, Middle, High	10MHz	QPSK,	1RB/ 0RB Offset
		500700 to 536496	500700 to 536496	Low, Middle, High	15MHz	QPSK,	1RB/ 0RB Offset
		501204 to 535998	501204 to 535998	Low, Middle, High	20MHz	QPSK,	1RB/ 0RB Offset
		502200 to 534996	502200 to 534996	Low, Middle, High	30MHz	QPSK	1RB/ 0RB Offset
		503202 to 534000	503202 to 534000	Low, Middle, High	40MHz	QPSK	1RB/ 0RB Offset
		504204 to 532998	504204 to 532998	Low, Middle, High	50MHz	QPSK	1RB/ 0RB Offset
		505200 to 531996	505200 to 531996	Low, Middle, High	60MHz	QPSK	1RB/ 0RB Offset
		505202 to 531000	505202 to 531000	Low, Middle, High	70MHz	QPSK	1RB/ 0RB Offset
		507204 to 529998	507204 to 529998	Low, Middle, High	80MHz	QPSK	1RB/ 0RB Offset
		508200 to 528996	508200 to 528996	Low, Middle, High	90MHz	QPSK	1RB/ 0RB Offset
		509202 to 528000	509202 to 528000	Low, Middle, High	100MHz	Pi/2BPSK,QPSK,16QAM, 64QAM, 256QAM	1RB/ 0RB Offset

A	FREQUENCY STABILITY	501204 to 535998	501204 to 535998	Middle	20MHz	QPSK	Outer_ Full
A	PEAK TO AVERAGE RATIO	501204 to 535998	501204 to 535998	Low, Middle, High	20MHz	QPSK	1RB/ 0RB Offset
							Outer_ Full
A	OCCUPIED BANDWIDTH	500202 to 537000	500202 to 537000	Middle	10MHz	Pi/2BPSK,QPSK,16QAM, 64QAM, 256QAM	Outer_ Full
		500700 to 536496	500700 to 536496	Middle	15MHz	Pi/2BPSK,QPSK,16QAM, 64QAM, 256QAM	Outer_ Full
		501204 to 535998	501204 to 535998	Middle	20MHz	Pi/2BPSK,QPSK,16QAM, 64QAM, 256QAM	Outer_ Full
		502200 to 534996	502200 to 534996	Middle	30MHz	Pi/2BPSK,QPSK,16QAM, 64QAM, 256QAM	Outer_ Full
		503202 to 534000	503202 to 534000	Middle	40MHz	Pi/2BPSK,QPSK,16QAM, 64QAM, 256QAM	Outer_ Full
		504204 to 532998	504204 to 532998	Middle	50MHz	Pi/2BPSK,QPSK,16QAM, 64QAM, 256QAM	Outer_ Full
		505200 to 531996	505200 to 531996	Middle	60MHz	Pi/2BPSK,QPSK,16QAM, 64QAM, 256QAM	Outer_ Full
		505202 to 531000	505202 to 531000	Middle	70MHz	Pi/2BPSK,QPSK,16QAM, 64QAM, 256QAM	Outer_ Full
		507204 to 529998	507204 to 529998	Middle	80MHz	Pi/2BPSK,QPSK,16QAM, 64QAM, 256QAM	Outer_ Full
		508200 to 528996	508200 to 528996	Middle	90MHz	Pi/2BPSK,QPSK,16QAM, 64QAM, 256QAM	Outer_ Full
		509202 to 528000	509202 to 528000	Middle	100MHz	Pi/2BPSK,QPSK,16QAM, 64QAM, 256QAM	Outer_ Full
A	BAND EDGE	500202 to 537000	500202 to 537000	Low	10MHz	QPSK	1RB/ 0RB Offset
							Outer_ Full
		504204 to 532998	504204 to 532998	High	10MHz	QPSK	1RB/ 50RB Offset
							Outer_ Full
		509202 to 528000	509202 to 528000	Low	50MHz	QPSK	1RB/ 0RB Offset
							Outer_ Full
				High	50MHz	QPSK	1RB/ 161RB Offset
							Outer_ Full
A	CONDUCTED EMISSION	500202 to 537000	500202 to 537000	Low	100MHz	QPSK	1RB/ 0RB Offset
							Outer_ Full
		504204 to 532998	504204 to 532998	Low	100MHz	QPSK	1RB/ 0RB Offset
							Outer_ Full
		509202 to 528000	509202 to 528000	High	100MHz	QPSK	1RB/ 272RB Offset
							Outer_ Full
A	RADIATED EMISSION	500202 to 537000	500202 to 537000	Low, Middle, High	10MHz	QPSK	1RB/ 0RB Offset
		500700 to 536496	500700 to 536496	Low, Middle, High	15MHz	QPSK	1RB/ 0RB Offset
		501204 to 535998	501204 to 535998	Middle	20MHz	QPSK	1RB/ 0RB Offset

		502200 to 534996	502200 to 534996	Middle	30MHz	QPSK	1RB/ 0RB Offset
		503202 to 534000	503202 to 534000	Middle	40MHz	QPSK	1RB/ 0RB Offset
		504204 to 532998	504204 to 532998	Middle	50MHz	QPSK	1RB/ 0RB Offset
		505200 to 531996	505200 to 531996	Middle	60MHz	QPSK	1RB/ 0RB Offset
		505202 to 531000	505202 to 531000	Middle	70MHz	QPSK	1RB/ 0RB Offset
		507204 to 529998	507204 to 529998	Middle	80MHz	QPSK	1RB/ 0RB Offset
		508200 to 528996	508200 to 528996	Middle	90MHz	QPSK	1RB/ 0RB Offset
		509202 to 528000	509202 to 528000	Middle	100MHz	QPSK	1RB/ 0RB Offset

Note: 1. This device was tested under all bandwidths, RB configurations and modulations. The worst case was found in QPSK modulation.

2. The test data presented in the report from worst SA_n41.

5G NR n66 MODE (SA_n66/ ENDC)

EUT CONFIGURE MODE	TEST ITEM	AVAILABLE CP-OFDM CHANNEL	AVAILABLE DFT-S-OFDM CHANNEL	TESTED CHANNEL	CHANNEL BANDWIDTH	MODULATION	MODE(DFT-S-OFDM) (INCLUDE CP-OFDM)
A	EIRP	342500 to 355500	342500 to 355500	Low, Middle, High	5MHz	QPSK	1RB/ 0RB Offset
		343000 to 355000	343000 to 355000	Low, Middle, High	10MHz	QPSK	1RB/ 0RB Offset
		343500 to 354500	343500 to 354500	Low, Middle, High	15MHz	QPSK	1RB/ 0RB Offset
		344000 to 354000	344000 to 354000	Low, Middle, High	20MHz	QPSK	1RB/ 0RB Offset
		344500 to 353500	344500 to 353500	Low, Middle, High	25MHz	QPSK	1RB/ 0RB Offset
		345000 to 353000	345000 to 353000	Low, Middle, High	30MHz	QPSK	1RB/ 0RB Offset
		346000 to 352000	346000 to 352000	Low, Middle, High	40MHz	Pi/2BPSK,QPSK,16QAM, 64QAM, 256QAM	1RB/ 0RB Offset
A	FREQUENCY STABILITY	344000 to 354000	344000 to 354000	Middle	20MHz	QPSK	Outer_ Full
A	PEAK TO AVERAGE RATIO	344000 to 354000	344000 to 354000	Low, Middle, High	20MHz	QPSK	1RB/ 0RB Offset
							Outer_ Full
A	OCCUPIED BANDWIDTH	342500 to 355500	342500 to 355500	Middle	5MHz	Pi/2BPSK,QPSK,16QAM, 64QAM, 256QAM	Outer_ Full
		343000 to 355000	343000 to 355000	Middle	10MHz	Pi/2BPSK,QPSK,16QAM, 64QAM, 256QAM	Outer_ Full
		343500 to 354500	343500 to 354500	Middle	15MHz	Pi/2BPSK,QPSK,16QAM, 64QAM, 256QAM	Outer_ Full
		344000 to 354000	344000 to 354000	Middle	20MHz	Pi/2BPSK,QPSK,16QAM, 64QAM, 256QAM	Outer_ Full
		344500 to 353500	344500 to 353500	Middle	25MHz	Pi/2BPSK,QPSK,16QAM, 64QAM, 256QAM	Outer_ Full
		345000 to 353000	345000 to 353000	Middle	30MHz	Pi/2BPSK,QPSK,16QAM, 64QAM, 256QAM	Outer_ Full

		346000 to 352000	346000 to 352000	Middle	40MHz	Pi/2BPSK,QPSK,16QAM, 64QAM, 256QAM	Outer_ Full
A	BAND EDGE	502008 to 535998	502008 to 535998	Low	5MHz	QPSK	1RB/ 0RB Offset
				High	5MHz	QPSK	Outer_ Full
		505008 to 532998	505008 to 532998	Low	20MHz	QPSK	1RB/ 24RB Offset
				High	20MHz	QPSK	Outer_ Full
		508002 to 529998	508002 to 529998	Low	40MHz	QPSK	1RB/ 0RB Offset
				High	40MHz	QPSK	Outer_ Full
		508002 to 529998	508002 to 529998	Low	40MHz	QPSK	1RB/ 215RB Offset
				High	40MHz	QPSK	Outer_ Full
A	CONDUCTED EMISSION	342500 to 355500	342500 to 355500	Low, Middle, High	5MHz	QPSK	1RB/ 0RB Offset
		344000 to 354000	344000 to 354000	Low, Middle, High	20MHz	QPSK	1RB/ 0RB Offset
		346000 to 352000	346000 to 352000	Low, Middle, High	40MHz	QPSK	1RB/ 0RB Offset
A	RADIATED EMISSION	342500 to 355500	342500 to 355500	Middle	5MHz	QPSK	1RB/ 0RB Offset
		343000 to 355000	343000 to 355000	Middle	10MHz	QPSK	1RB/ 0RB Offset
		343500 to 354500	343500 to 354500	Low, Middle, High	15MHz	QPSK	1RB/ 0RB Offset
		344000 to 354000	344000 to 354000	Middle	20MHz	QPSK	1RB/ 0RB Offset
		344500 to 353500	344500 to 353500	Middle	25MHz	QPSK	1RB/ 0RB Offset
		345000 to 353000	345000 to 353000	Middle	30MHz	QPSK	1RB/ 0RB Offset
		346000 to 352000	346000 to 352000	Middle	40MHz	QPSK	1RB/ 0RB Offset

Note: 1.This device was tested under all bandwidths, RB configurations and modulations. The worst case was found in QPSK modulation.

2. The test data presented in the report from worst SA_n66.

5G NR n71 MODE (SA_n71/ENDC)

EUT CONFIGURE MODE	TESWT ITEM	AVAILAB LE CP-OFDM CHANNE L	AVAILABL E DFT-S-OFDM CHANNEL	TESTED CHANNEL	CHANNEL BANDWIDTH	MODULATION	MODE(DFT-S-OFDM) (INCLUDE CP-OFDM)
A	ERP	133100 to 139100	133100 to 139100	Low, Middle, High	5MHz	QPSK	1RB/ 0RB Offset

		133600 to 138600	133600 to 138600	Low, Middle, High	10MHz	QPSK	1RB/ 0RB Offset
		134100 to 138100	134100 to 138100	Low, Middle, High	15MHz	QPSK	1RB/ 0RB Offset
		134600 to 137600	134600 to 137600	Low, Middle, High	20MHz	Pi/2BPSK,QPSK,16QAM, 64QAM, 256QAM	1RB/ 0RB Offset
A	FREQUENCY STABILITY	134600 to 137600	134600 to 137600	Middle	20MHz	QPSK	Outer_ Full
A	PEAK TO AVERAGE RATIO	134600 to 137600	134600 to 137600	Low, Middle, High	20MHz	QPSK	Outer_ Full
A	OCCUPIED BANDWIDTH	133100 to 139100	133100 to 139100	Middle	5MHz	Pi/2BPSK,QPSK,16QAM, 64QAM, 256QAM	Outer_ Full
		133600 to 138600	133600 to 138600	Middle	10MHz	Pi/2BPSK,QPSK,16QAM, 64QAM, 256QAM	Outer_ Full
		134100 to 138100	134100 to 138100	Middle	15MHz	Pi/2BPSK,QPSK, 16QAM, 64QAM, 256QAM	Outer_ Full
		134600 to 137600	134600 to 137600	Middle	20MHz	Pi/2BPSK,QPSK, 16QAM, 64QAM, 256QAM	Outer_ Full
A	BAND EDGE	133100 to 139100	133100 to 139100	Low	5MHz	QPSK	1RB/ 0RB Offset
							1RB/ 24RB Offset
							Outer_ Full
		133600 to 138600	133600 to 138600	High	5MHz	QPSK	1RB/ 0RB Offset
							1RB/ 24RB Offset
							Outer_ Full
		133600 to 138600	133600 to 138600	Low	10MHz	QPSK	1RB/ 0RB Offset
							1RB/ 51RB Offset
							Outer_ Full
		134100 to 138100	134100 to 138100	High	10MHz	QPSK	1RB/ 0RB Offset
							1RB/ 51RB Offset
							Outer_ Full
		134100 to 138100	134100 to 138100	Low	15MHz	QPSK	1RB/ 0RB Offset
							1RB/ 78RB Offset
							Outer_ Full
		134600 to 137600	134600 to 137600	Low	20MHz	QPSK	1RB/ 0RB Offset
							1RB/ 78RB Offset
							Outer_ Full
		134600 to 137600	134600 to 137600	High	20MHz	QPSK	1RB/ 0RB Offset
							1RB/ 78RB Offset
							Outer_ Full

A	CONDUCTED EMISSION	133100 to 139100	133100 to 139100	Low, Middle, High	5MHz	QPSK	1RB/ 0RB Offset
		133600 to 138600	133600 to 138600	Low, Middle, High	10MHz	QPSK	1RB/ 0RB Offset
		134100 to 138100	134100 to 138100	Low, Middle, High	15MHz	QPSK	1RB/ 0RB Offset
		134600 to 137600	134600 to 137600	Low, Middle, High	20MHz	QPSK	1RB/ 0RB Offset
A	RADIATED EMISSION	133100 to 139100	133100 to 139100	Middle	5MHz	QPSK	1RB/ 0RB Offset
		133600 to 138600	133600 to 138600	Low, Middle, High	10MHz	QPSK	1RB/ 0RB Offset
		134100 to 138100	134100 to 138100	Middle	15MHz	QPSK	1RB/ 0RB Offset
		134600 to 137600	134600 to 137600	Middle	20MHz	QPSK	1RB/ 0RB Offset

Note: 1.This device was tested under all bandwidths, RB configurations and modulations. The worst case was found in QPSK modulation.

2. The test data presented in the report from worst SA_n71.

5G NR n77(Part27Q) MODE (SA_n77/ENDC)

EUT CONFIGU RE MODE	TEST ITEM	AVAILAB LE CP-OFDM CHANNE L	AVAILABL E DFT-S-OFD M CHANNEL	TESTED CHANNEL	CHANNEL BANDWIDTH	MODULATION	MODE(DFT-S- OFDM) (INCLUDE CP-OFDM)
A	EIRP	630334 to 636332	630334 to 636332	Low, Middle, High	10MHz	QPSK	1RB/ 0RB Offset
		630500 to 636166	630500 to 636166	Low, Middle, High	15MHz	QPSK	1RB/ 0RB Offset
		630668 to 636000	630668 to 636000	Low, Middle, High	20MHz	QPSK	1RB/ 0RB Offset
		631000 to 635666	631002 to 635664	Low, Middle, High	30MHz	QPSK	1RB/ 0RB Offset
		631334 to 635332	631334 to 635332	Low, Middle, High	40MHz	QPSK	1RB/ 0RB Offset
		631668 to 635000	631668 to 634998	Low, Middle, High	50MHz	QPSK	1RB/ 0RB Offset
		632000 to 634666	632000 to 634666	Low, Middle, High	60MHz	QPSK	1RB/ 0RB Offset
		632334 to 634332	632334 to 634332	Low, Middle, High	70MHz	QPSK	1RB/ 0RB Offset
		632668 to 634000	632668 to 634000	Low, Middle, High	80MHz	QPSK	1RB/ 0RB Offset
		633000 to 633666	633000 to 633666	Low, Middle, High	90MHz	QPSK	1RB/ 0RB Offset
		633334	633334	Middle	100MHz	Pi/2BPSK,QPSK,16QAM, 64QAM, 256QAM	1RB/ 0RB Offset
A	FREQUENCY STABILITY	630668 to 636000	630668 to 636000	Middle	20MHz	QPSK	Outer_ Full
A	PEAK TO AVERAGE RATIO	630668 to 636000	630668 to 636000	Low, Middle, High	20MHz	QPSK	Outer_ Full

A	OCCUPIED BANDWIDTH	630334 to 636332	630334 to 636332	Middle	10MHz	Pi/2BPSK,QPSK,16QAM, 64QAM, 256QAM	Outer_ Full
		630500 to 636166	630500 to 636166	Middle	15MHz	Pi/2BPSK,QPSK,16QAM, 64QAM, 256QAM	Outer_ Full
		630668 to 636000	630668 to 636000	Middle	20MHz	Pi/2BPSK,QPSK,16QAM, 64QAM, 256QAM	Outer_ Full
		631000 to 635666	631002 to 635664	Middle	30MHz	Pi/2BPSK,QPSK,16QAM, 64QAM, 256QAM	Outer_ Full
		631334 to 635332	631334 to 635332	Middle	40MHz	Pi/2BPSK,QPSK,16QAM, 64QAM, 256QAM	Outer_ Full
		631668 to 635000	631668 to 634998	Middle	50MHz	Pi/2BPSK,QPSK,16QAM, 64QAM, 256QAM	Outer_ Full
		632000 to 634666	632000 to 634666	Middle	60MHz	Pi/2BPSK,QPSK,16QAM, 64QAM, 256QAM	Outer_ Full
		632334 to 634332	632334 to 634332	Middle	70MHz	Pi/2BPSK,QPSK,16QAM, 64QAM, 256QAM	Outer_ Full
		632668 to 634000	632668 to 634000	Middle	80MHz	Pi/2BPSK,QPSK,16QAM, 64QAM, 256QAM	Outer_ Full
		633000 to 633666	633000 to 633666	Middle	90MHz	Pi/2BPSK,QPSK,16QAM, 64QAM, 256QAM	Outer_ Full
		633334	633334	Low, Middle, High	100MHz	Pi/2BPSK,QPSK,16QAM, 64QAM, 256QAM	Outer_ Full
A	BAND EDGE	630334 to 636332	630334 to 636332	Low	10MHz	QPSK	1RB/ 0RB Offset
				High	10MHz	QPSK	Outer_ Full
							1RB/ 50RB Offset
		631668 to 635000	631668 to 634998	Low	50MHz	QPSK	Outer_ Full
				High	50MHz	QPSK	1RB/ 161RB Offset
							Outer_ Full
		633334	633334	Low	100MHz	QPSK	Outer_ Full
				High	100MHz	QPSK	1RB/ 0RB Offset
							Outer_ Full
		633334	633334	Low	100MHz	QPSK	1RB/ 272RB Offset
				High	100MHz	QPSK	Outer_ Full
							Outer_ Full
A	CONDUCTED EMISSION	630334 to 636332	630334 to 636332	Low, Middle, High	10MHz	QPSK	1RB/ 0RB Offset
		631668 to 635000	631668 to 634998	Low, Middle, High	50MHz	QPSK	1RB/ 0RB Offset
		633334	633334	Low, Middle, High	100MHz	QPSK	1RB/ 0RB Offset
A	RADIATED EMISSION	630334 to 636332	630334 to 636332	Middle	10MHz	QPSK	1RB/ 0RB Offset
		630500 to 636166	630500 to 636166	Low, Middle, High	15MHz	QPSK	1RB/ 0RB Offset
		630668 to 636000	630668 to 636000	Middle	20MHz	QPSK	1RB/ 0RB Offset

		631000 to 635666	631002 to 635664	Middle	30MHz		
		631334 to 635332	631334 to 635332	Middle	40MHz		
		631668 to 635000	631668 to 634998	Middle	50MHz		
		632000 to 634666	632000 to 634666	Middle	60MHz		
		632334 to 634332	632334 to 634332	Middle	70MHz	QPSK	1RB/ 0RB Offset
		632668 to 634000	632668 to 634000	Middle	80MHz	QPSK	1RB/ 0RB Offset
		633000 to 633666	633000 to 633666	Middle	90MHz	QPSK	1RB/ 0RB Offset
		633334	633334	Middle	100MHz	QPSK	1RB/ 0RB Offset

Note: 1. This device was tested under all bandwidths, RB configurations and modulations. The worst case was found in QPSK modulation.

2. The EIRP calculate presented in the report from worst SA n77(Part27Q).

5G NR n77(Part27Q) MODE (SA_n77/ENDC)

EUT CONFIGURE MODE	TEST ITEM	AVAILABLE CP-OFDM CHANNEL	AVAILABLE DFT-S-OFDM CHANNEL	TESTED CHANNEL	CHANNEL BANDWIDTH	MODULATION	MODE(DFT-S-OFDM) (INCLUDE CP-OFDM)
A	EIRP	647000 to 665000	647000 to 665000	Low, Middle, High	10MHz	QPSK	1RB/ 0RB Offset
		647168 to 664832	647168 to 664832	Low, Middle, High	15MHz	QPSK	1RB/ 0RB Offset
		647334 to 664666	647334 to 664666	Low, Middle, High	20MHz	QPSK	1RB/ 0RB Offset
		647668 to 664332	647670 to 664332	Low, Middle, High	30MHz	QPSK	1RB/ 0RB Offset
		648000 to 664000	648000 to 664000	Low, Middle, High	40MHz	QPSK	1RB/ 0RB Offset
		648334 to 663666	648336 to 663666	Low, Middle, High	50MHz	QPSK	1RB/ 0RB Offset
		648668 to 663332	648668 to 663332	Low, Middle, High	60MHz	QPSK	1RB/ 0RB Offset
		632334 to 634332	632334 to 664666	Low, Middle, High	70MHz	QPSK	1RB/ 0RB Offset
		649334 to 662666	649334 to 662666	Low, Middle, High	80MHz	QPSK	1RB/ 0RB Offset
		649668 to 662332	649668 to 662332	Low, Middle, High	90MHz	QPSK	1RB/ 0RB Offset
		650000 to 662000	650000 to 662000	Low, Middle, High	100MHz	Pi/2BPSK, QPSK, 16QAM, 64QAM, 256QAM	1RB/ 0RB Offset
A	FREQUENCY STABILITY	647334 to 664666	647334 to 664666	Middle	20MHz	QPSK	Outer_ Full
A	PEAK TO AVERAGE RATIO	647334 to 664666	647334 to 664666	Low, Middle, High	20MHz	QPSK	Outer_ Full
A	OCCUPIED BANDWIDTH	647000 to 665000	647000 to 665000	Middle	10MHz	Pi/2BPSK, QPSK, 16QAM, 64QAM, 256QAM	Outer_ Full
		647168 to 664832	647168 to 664832	Middle	15MHz	Pi/2BPSK, QPSK, 16QAM, 64QAM, 256QAM	Outer_ Full
		647334 to 664666	647334 to 664666	Middle	20MHz	Pi/2BPSK, QPSK, 16QAM, 64QAM, 256QAM	Outer_ Full

		647668 to 664332	647670 to 664332	Middle	30MHz	Pi/2BPSK,QPSK,16QAM, 64QAM, 256QAM	Outer_ Full
		648000 to 664000	648000 to 664000	Middle	40MHz	Pi/2BPSK,QPSK,16QAM, 64QAM, 256QAM	Outer_ Full
		648334 to 663666	648336 to 663666	Middle	50MHz	Pi/2BPSK,QPSK,16QAM, 64QAM, 256QAM	Outer_ Full
		648668 to 663332	648668 to 663332	Middle	60MHz	Pi/2BPSK,QPSK,16QAM, 64QAM, 256QAM	Outer_ Full
		632334 to 634332	632334 to 664666	Middle	70MHz	Pi/2BPSK,QPSK,16QAM, 64QAM, 256QAM	Outer_ Full
		649334 to 662666	649334 to 662666	Middle	80MHz	Pi/2BPSK,QPSK,16QAM, 64QAM, 256QAM	Outer_ Full
		649668 to 662332	649668 to 662332	Middle	90MHz	Pi/2BPSK,QPSK,16QAM, 64QAM, 256QAM	Outer_ Full
		650000 to 662000	650000 to 662000	Middle	100MHz	Pi/2BPSK,QPSK,16QAM, 64QAM, 256QAM	Outer_ Full
A	BAND EDGE	647000 to 665000	647000 to 665000	Low	10MHz	QPSK	1RB/ 0RB Offset
				High	10MHz	QPSK	Outer_ Full
		648334 to 663666	648336 to 663666	Low	50MHz	QPSK	1RB/ 50RB Offset
				High	50MHz	QPSK	Outer_ Full
		650000 to 662000	650000 to 662000	Low	100MHz	QPSK	1RB/ 0RB Offset
				High	100MHz	QPSK	Outer_ Full
				Low	100MHz	QPSK	1RB/ 161RB Offset
				High	100MHz	QPSK	Outer_ Full
A	CONDUCTED EMISSION	647000 to 665000	647000 to 665000	Low, Middle, High	10MHz	QPSK	1RB/ 0RB Offset
		648334 to 663666	648336 to 663666	Low, Middle, High	50MHz	QPSK	1RB/ 0RB Offset
		650000 to 662000	650000 to 662000	Low, Middle, High	100MHz	QPSK	1RB/ 0RB Offset
A	RADIATED EMISSION	647000 to 665000	647000 to 665000	Low, Middle, High	10MHz	QPSK	1RB/ 0RB Offset
		647168 to 664832	647168 to 664832	Middle	15MHz	QPSK	1RB/ 0RB Offset
		647334 to 664666	647334 to 664666	Middle	20MHz	QPSK	1RB/ 0RB Offset
		647668 to 664332	647670 to 664332	Middle	30MHz	QPSK	1RB/ 0RB Offset
		648000 to 664000	648000 to 664000	Middle	40MHz		
		648334 to 663666	648336 to 663666	Middle	50MHz		
		648668 to 663332	648668 to 663332	Middle	60MHz		

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		632334 to 634332	632334 to 664666	Middle	70MHz		
		649334 to 662666	649334 to 662666	Middle	80MHz	QPSK	1RB/ 0RB Offset
		649668 to 662332	649668 to 662332	Middle	90MHz	QPSK	1RB/ 0RB Offset
		650000 to 662000	650000 to 662000	Middle	100MHz	QPSK	1RB/ 0RB Offset

Note: 1.This device was tested under all bandwidths, RB configurations and modulations. The worst case was found in QPSK modulation.

2. The test data presented in the report from worst SA_{n77}(Part 27O).

5G NR Band n78(Part27Q) (SA_{n78}/ENDC)

EUT CONFIGUR E MODE	TEST ITEM	AVAILAB LE CP-OFDM CHANNE L	AVAILABL E DFT-S-OFD M CHANNEL	TESTED CHANNEL	CHANNEL BANDWIDTH	MODULATION	MODE(DFT-S-OFDM) (INCLUDE CP-OFDM)
A	EIRP	630334 to 636332	630334 to 636332	Low, Middle, High	10MHz	QPSK	1RB/ 0RB Offset
		630500 to 636166	630500 to 636166	Low, Middle, High	15MHz	QPSK	1RB/ 0RB Offset
		630668 to 636000	630668 to 636000	Low, Middle, High	20MHz	QPSK	1RB/ 0RB Offset
		631000 to 635666	631002 to 635664	Low, Middle, High	30MHz	QPSK	1RB/ 0RB Offset
		631334 to 635332	631334 to 635332	Low, Middle, High	40MHz	QPSK	1RB/ 0RB Offset
		631668 to 635000	631668 to 634998	Low, Middle, High	50MHz	QPSK	1RB/ 0RB Offset
		632000 to 634666	632000 to 634666	Low, Middle, High	60MHz	QPSK	1RB/ 0RB Offset
		632334 to 634332	632334 to 634332	Low, Middle, High	70MHz	QPSK	1RB/ 0RB Offset
		632668 to 634000	632668 to 634000	Low, Middle, High	80MHz	QPSK	1RB/ 0RB Offset
		633000 to 633666	633000 to 633666	Low, Middle, High	90MHz	QPSK	1RB/ 0RB Offset
		633334	633334	Middle	100MHz	Pi/2BPSK,QPSK,16QAM, 64QAM, 256QAM	1RB/ 0RB Offset

Note: 1.This device was tested under all bandwidths, RB configurations and modulations. The worst case was found in QPSK modulation.

2. The test data presented in the report from worst SA_{n78}(Part27Q).

3. SA_{n78}(Part27Q) are covered by SA_{n77}(Part27Q), Because it is a subset of SA_{n77}(Part27Q) with the same output power and supported bandwidths, So the conducted test data and RSE test data please refer to SA_{n77}(Part27Q).

TEST CONDITION:

TEST ITEM	ENVIRONMENTAL CONDITIONS	INPUT POWER	TESTED BY
ERP	23deg. C, 70%RH	DC 5.0Vdc by Adapter	Jace Hu
FREQUENCY STABILITY	23deg. C, 70%RH	DC 3.5V/ 3.87V/ 4.45V By Battery	James Fu

OCCUPIED BANDWIDTH	23deg. C, 70%RH	DC 5.0Vdc by Adapter	James Fu
BAND EDGE	23deg. C, 70%RH	DC 5.0Vdc by Adapter	James Fu
CONDUCTED EMISSION	23deg. C, 70%RH	DC 5.0Vdc by Adapter	James Fu
RADIATED EMISSION	23deg. C, 70%RH	DC 5.0Vdc by Adapter	Jace Hu
PEAK TO AVERAGE RATIO	23deg. C, 70%RH	DC 5.0Vdc by Adapter	James Fu



Test Report No.: W7L-P23120020RF09

2.5 GENERAL DESCRIPTION OF APPLIED STANDARDS

The EUT is a RF product. According to the specifications of the manufacturer, it must comply with the requirements of the following standards:

FCC 47 CFR Part 2

FCC 47 CFR Part 22/24/27

KDB 971168 D01 Power Meas License Digital Systems v03r01

ANSI/TIA/EIA-603-D

ANSI/TIA/EIA-603-E

ANSI C63.26-2015

NOTE: All test items have been performed and recorded as per the above standards.

3 TEST TYPES AND RESULTS

3.1 OUTPUT POWER MEASUREMENT

3.1.1 LIMITS OF OUTPUT POWER MEASUREMENT

Mobile / Portable station are limited to 7 watts e.r.p. (n5/n26)

Mobile and portable stations are limited to 2 watts EIRP. (n2/n25)

The radiated peak output power shall be according to the specific rule Part 27.50(h)(2) that "User stations are limited to 2 watts" and 27.50(i) specific that "Peak transmit power must be measure over any interval of continuous transmission using instrumentation calibration in terms of rms-equivalent voltage.(n7/n38/n41)"

Fixed, mobile, and portable (hand-held) stations operating in the 1710-1755 MHz band and mobile and portable stations operating in the 1695-1710 MHz and 1755-1780 MHz bands are limited to 1 watt EIRP(n66)

According to the specific rule Part 27.50(b)(10) and 27.50(c)(10) Fixed, mobile, and Portable stations (hand-held devices) transmitting in the 698-746 MHz, 746-757 MHz, 776-788 MHz, and 805-806 MHz bands are limited to 3 watts ERP(n12/n71)

According to the specific rule Part 27.50(j)(4) and Part 27.50(k)(3) ,Mobile and portable stations are limited to 1 Watt EIRP. Mobile and portable stations operating in these bands must employ a means for limiting power to the minimum necessary for successful communications.(n77/n78)

Portable stations (hand-held devices) transmitting in the 746–757 MHz, 776–788 MHz, and 805–806 MHz bands are limited to 3 watts ERP. (n13)

3.1.2 TEST PROCEDURES

EIRP / ERP MEASUREMENT:

Per KDB 971168 D01 Power Meas License Digital Systems v03r01 or subclause 5.2.5.5 of ANSI C63.26-2015, the relevant equation for determining the ERP or EIRP from the conducted RF output power measured using the guidance provided above is:

$$\text{ERP or EIRP} = P_{\text{Meas}} + G_{\text{T}} - L_{\text{C}}$$

Where:

ERP or EIRP = effective radiated power or equivalent isotropically radiated power, respectively
(expressed in the same units as P_{Meas} , typically dBW or dBm);

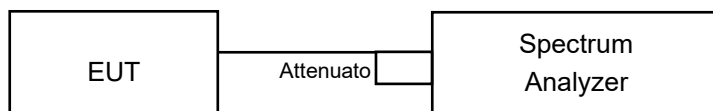
P_{Meas} = measured transmitter output power or PSD, in dBm or dBW;

G_{T} = gain of the transmitting antenna, in dBd (ERP) or dBi (EIRP);

L_{C} = signal attenuation in the connecting cable between the transmitter and antenna, in dB.

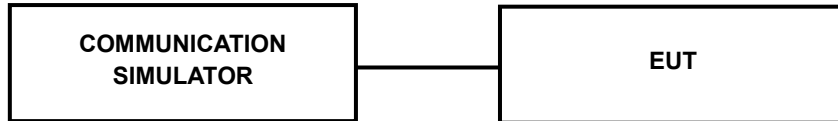
CONDUCTED POWER MEASUREMENT:

- The EUT was set up for the maximum power with LTE link data modulation and link up with simulator.
- Set the EUT to transmit under low, middle and high channel and record the power level shown on simulator.



3.1.3 TEST SETUP

CONDUCTED POWER MEASUREMENT:



1. Connect the DUT transmitter output to the spectrum analyzer via coaxial cable while ensuring proper impedance matching.
2. Tune the analyzer to the nominal center frequency of the emission bandwidth (EBW).
3. Set the span to twice the nominal EBW (span = 2 x EBW).
4. Set the resolution bandwidth (RBW) to approximately 1% of EBW.
5. Set the video bandwidth (VBW) to $\geq 3 \times \text{RBW}$
6. Select the average power (RMS) display detector.
7. Set the number of measurement points to ≥ 1001 .
8. Use auto-coupled sweep time.
9. Perform measurement over an interval of time when the transmission is continuous and at its maximum power level.
10. Utilize trace averaging over 100 traces in the power averaging mode.
11. Use the Band/Channel Power function to determine the integrated power over the full EBW.
12. Record the band power level.
13. Adjust the recorded level by applying appropriate correction factors for the measurement set-up.
14. Determine the EIRP by adding the effective antenna gain to the adjusted power level.

For the actual test configuration, please refer to the attached file (Test Setup Photo).

3.1.4 TEST RESULTS

CONDUCTED OUTPUT POWER (dBm)

5G SA N2

BW	MCS Index	RB Size	RB Offset	Low CH 370500	Mid CH 376000	High CH 381500
				Frequency 1852.5MHz	Frequency 1880MHz	Frequency 1907.5MHz
5M	DFT-s-OFDM QPSK	1	1	23.50	23.30	23.43

BW	MCS Index	RB Size	RB Offset	Low CH 371000	Mid CH 376000	High CH 381000
				Frequency 1855MHz	Frequency 1880MHz	Frequency 1905MHz
10M	DFT-s-OFDM QPSK	1	1	23.51	23.31	23.38

BW	MCS Index	RB Size	RB Offset	Low CH 371500	Mid CH 376000	High CH 380500
				Frequency 1857.5MHz	Frequency 1880MHz	Frequency 1902.5MHz
15M	DFT-s-OFDM QPSK	1	1	23.53	23.34	23.41

BW	MCS Index	RB Size	RB Offset	Low CH 372000	Mid CH 376000	High CH 380000
				Frequency 1860MHz	Frequency 1880MHz	Frequency 1900MHz
20M	DFT-s-OFDM Pi/2 BPSK	1	1	23.65	23.45	23.51
		1	53	23.57	23.39	23.43
		1	104	23.53	23.48	23.51
		50	0	22.60	22.65	22.62
		50	28	23.62	23.58	23.54
		50	56	22.59	22.55	22.45
		100	0	22.65	22.51	22.51
	DFT-s-OFDM QPSK	1	1	23.69	23.51	23.55
		1	53	23.62	23.45	23.55
		1	104	23.49	23.51	23.47
		50	0	23.05	22.90	22.90
		50	28	23.65	23.53	23.47
		50	56	23.15	22.98	22.98
		100	0	23.13	23.06	23.00
	DFT-s-OFDM 16QAM	1	1	22.74	22.70	22.74
	DFT-s-OFDM 64QAM	1	1	21.14	21.16	21.13
	DFT-s-OFDM 256QAM	1	1	19.25	19.09	19.14

N5

BW	MCS Index	RB Size	RB Offset	Low CH 165300	Mid CH 167300	High CH 169300
				Frequency 826.5MHz	Frequency 836.5MHz	Frequency 846.5MHz
5M	DFT-s-OFDM QPSK	1	1	23.39	23.38	23.33

BW	MCS Index	RB Size	RB Offset	Low CH 165800	Mid CH 167300	High CH 168800
				Frequency 829MHz	Frequency 836.5MHz	Frequency 844MHz
10M	DFT-s-OFDM QPSK	1	1	23.45	23.44	23.36

BW	MCS Index	RB Size	RB Offset	Low CH 166300	Mid CH 167300	High CH 168300
				Frequency 831.5MHz	Frequency 836.5MHz	Frequency 841.5MHz
15M	DFT-s-OFDM QPSK	1	1	23.44	23.41	23.30

BW	MCS Index	RB Size	RB Offset	Low CH 166800	Mid CH 167300	High CH 167800
				Frequency 834MHz	Frequency 836.5MHz	Frequency 839MHz
20M	DFT-s-OFDM Pi/2 BPSK	1	1	23.43	23.41	23.31
		1	53	23.27	23.29	23.28
		1	104	23.14	23.09	23.02
		50	0	22.88	22.75	22.79
		50	28	23.30	23.20	23.15
		50	56	22.80	22.73	22.68
		100	0	22.87	22.78	22.75
	DFT-s-OFDM QPSK	1	1	23.53	23.46	23.39
		1	53	23.37	23.24	23.21
		1	104	23.25	23.12	23.17
		50	0	22.42	22.29	22.23
		50	28	23.26	23.21	23.27
		50	56	22.32	22.29	22.24
		100	0	22.37	22.23	22.26
	DFT-s-OFDM 16QAM	1	1	22.69	22.59	22.58
	DFT-s-OFDM 64QAM	1	1	21.12	21.00	20.98
	DFT-s-OFDM 256QAM	1	1	19.14	19.01	19.00

N7

BW	MCS Index	RB Size	RB Offset	Low CH 500500	Mid CH 507000	High CH 513500
				Frequency 2502.5MHz	Frequency 2535MHz	Frequency 2567.5MHz
5M	DFT-s-OFDM QPSK	1	1	23.33	23.21	23.36

BW	MCS Index	RB Size	RB Offset	Low CH 501000	Mid CH 507000	High CH 513000
				Frequency 2505MHz	Frequency 2535MHz	Frequency 2565MHz
10M	DFT-s-OFDM QPSK	1	1	23.23	23.24	23.36

BW	MCS Index	RB Size	RB Offset	Low CH 501500	Mid CH 507000	High CH 512500
				Frequency 2507.5MHz	Frequency 2535MHz	Frequency 2562.5MHz
15M	DFT-s-OFDM QPSK	1	1	23.35	23.25	23.41

BW	MCS Index	RB Size	RB Offset	Low CH 502000	Mid CH 507000	High CH 512000
				Frequency 2510MHz	Frequency 2535MHz	Frequency 2560MHz
20M	DFT-s-OFDM QPSK	1	1	23.40	23.29	23.52

BW	MCS Index	RB Size	RB Offset	Low CH 502500	Mid CH 507000	High CH 511500
				Frequency 2512.5MHz	Frequency 2535MHz	Frequency 2557.5MHz
25M	DFT-s-OFDM QPSK	1	1	23.49	23.35	23.59

BW	MCS Index	RB Size	RB Offset	Low CH 503000	Mid CH 507000	High CH 511000
				Frequency 2515MHz	Frequency 2535MHz	Frequency 2555MHz
30M	DFT-s-OFDM QPSK	1	1	23.41	23.25	23.58

BW	MCS Index	RB Size	RB Offset	Low CH 502500	Mid CH 507000	High CH 511500
				Frequency 2512.5MHz	Frequency 2535MHz	Frequency 2557.5MHz
40M	DFT-s-OFDM Pi/2 BPSK	1	1	23.43	23.21	23.47
		1	108	23.39	23.18	23.34
		1	214	23.21	23.22	23.31
		108	0	22.29	22.13	22.40
		108	54	23.26	23.11	23.23
		108	108	22.23	22.10	22.24
		216	0	22.16	22.15	22.22
	DFT-s-OFDM QPSK	1	1	23.35	23.35	23.55
		1	108	23.34	23.19	23.26
		1	214	23.43	23.25	23.40
		108	0	22.79	22.58	22.89
		108	54	23.33	23.12	23.16
		108	108	22.67	22.59	22.88
		216	0	22.68	22.49	22.73
	DFT-s-OFDM 16QAM	1	1	22.44	22.26	22.47
	DFT-s-OFDM 64QAM	1	1	21.13	20.95	21.03
	DFT-s-OFDM 256QAM	1	1	19.39	19.34	19.46

N12

BW	MCS Index	RB Size	RB Offset	Low CH 140300	Mid CH 141500	High CH 142700
				Frequency 701.5MHz	Frequency 707.5MHz	Frequency 713.5MHz
5M	DFT-s-OFDM QPSK	1	1	23.01	22.98	23.06

BW	MCS Index	RB Size	RB Offset	Low CH 140800	Mid CH 141500	High CH 142200
				Frequency 704MHz	Frequency 707.5MHz	Frequency 711MHz
10M	DFT-s-OFDM QPSK	1	1	23.03	22.93	22.94

BW	MCS Index	RB Size	RB Offset	Low CH 141300	Mid CH 141500	High CH 141700
				Frequency 706.5MHz	Frequency 707.5MHz	Frequency 708.5MHz
15M	DFT-s-OFDM Pi/2 BPSK	1	1	23.13	23.08	23.09
		1	38	23.05	22.91	22.87
		1	77	22.91	22.85	22.87
		36	0	21.98	21.94	21.99
		36	22	22.91	22.89	22.97
		36	43	21.90	21.92	21.88
		75	0	22.01	21.94	21.89
	DFT-s-OFDM QPSK	1	1	23.14	23.05	23.05
		1	38	23.09	22.94	23.04
		1	77	22.93	22.89	22.89
		36	0	22.50	22.50	22.37
		36	22	22.92	22.79	22.89
		36	43	22.32	22.32	22.34
		75	0	22.42	22.39	22.36
	DFT-s-OFDM 16QAM	1	1	22.21	22.21	22.14
	DFT-s-OFDM 64QAM	1	1	20.66	20.65	20.68
	DFT-s-OFDM 256QAM	1	1	18.79	18.73	18.68

N13

BW	MCS Index	RB Size	RB Offset	Low CH 155900	Mid CH 156400	High CH 156900
				Frequency 779.5MHz	Frequency 782MHz	Frequency 784.5MHz
5M	DFT-s-OFDM QPSK	1	1	23.29	23.34	23.42

BW	MCS Index	RB Size	RB Offset	/	Mid CH 156400	/
				/	Frequency 782MHz	/
10M	DFT-s-OFDM Pi/2 BPSK	1	1	/	23.25	/
		1	25	/	23.27	/
		1	50	/	23.32	/
		25	0	/	22.76	/
		25	14	/	23.20	/
		25	27	/	22.62	/
		50	0	/	22.73	/
	DFT-s-OFDM QPSK	1	1	/	23.43	/
		1	25	/	23.32	/
		1	50	/	23.36	/
		25	0	/	22.26	/
		25	14	/	23.26	/
		25	27	/	22.18	/
		50	0	/	22.26	/
	DFT-s-OFDM 16QAM	1	1	/	23.30	/
	DFT-s-OFDM 64QAM	1	1	/	20.87	/
	DFT-s-OFDM 256QAM	1	1	/	18.85	/

N25

BW	MCS Index	RB Size	RB Offset	Low CH 370500	Mid CH 376500	High CH 382500
				Frequency 1852.5MHz	Frequency 1882.5MHz	Frequency 1912.5MHz
5M	DFT-s-OFDM QPSK	1	1	23.06	22.94	23.07

BW	MCS Index	RB Size	RB Offset	Low CH 371000	Mid CH 376500	High CH 382000
				Frequency 1855MHz	Frequency 1882.5MHz	Frequency 1910MHz
10M	DFT-s-OFDM QPSK	1	1	23.10	22.82	23.00

BW	MCS Index	RB Size	RB Offset	Low CH 371500	Mid CH 376500	High CH 381500
				Frequency 1857.5MHz	Frequency 1882.5MHz	Frequency 1907.5MHz
15M	DFT-s-OFDM QPSK	1	1	23.05	22.82	23.04

BW	MCS Index	RB Size	RB Offset	Low CH 372000	Mid CH 376500	High CH 381000
				Frequency 1860MHz	Frequency 1882.5MHz	Frequency 1905MHz
20M	DFT-s-OFDM QPSK	1	1	23.05	22.86	22.98

BW	MCS Index	RB Size	RB Offset	Low CH 372500	Mid CH 376500	High CH 380500
				Frequency 1862.5MHz	Frequency 1882.5MHz	Frequency 1902.5MHz
25M	DFT-s-OFDM QPSK	1	1	23.13	22.83	23.11

BW	MCS Index	RB Size	RB Offset	Low CH 373000	Mid CH 376500	High CH 380000
				Frequency 1865MHz	Frequency 1882.5MHz	Frequency 1900MHz
30M	DFT-s-OFDM QPSK	1	1	23.23	23.01	23.04

BW	MCS Index	RB Size	RB Offset	Low CH 374000	Mid CH 376500	High CH 379000
				Frequency 1870MHz	Frequency 1882.5MHz	Frequency 1895MHz
40M	DFT-s-OFDM Pi/2 BPSK	1	1	23.19	23.20	23.27
		1	107	23.20	23.05	23.09
		1	214	23.14	23.01	23.14
		108	0	22.17	22.03	22.07
		108	54	22.11	21.91	22.05
		108	108	22.16	21.91	22.17
		216	0	22.71	22.60	22.56
	DFT-s-OFDM QPSK	1	1	23.30	23.01	23.10
		1	107	23.17	22.99	23.02
		1	214	23.24	22.99	23.06
		108	0	22.65	22.51	22.65
		108	54	23.14	23.01	23.11
		108	108	22.62	22.55	22.56
		216	0	22.06	22.05	22.21
	DFT-s-OFDM 16QAM	1	1	22.32	22.16	22.20
	DFT-s-OFDM 64QAM	1	1	20.83	20.71	20.77
	DFT-s-OFDM 256QAM	1	1	18.86	18.82	18.80

N26

BW	MCS Index	RB Size	RB Offset	Low CH 165300	Mid CH 167300	High CH 169300
				Frequency 826.5MHz	Frequency 836.5MHz	Frequency 846.5MHz
5M	DFT-s-OFDM QPSK	1	1	23.07	23.13	23.19

BW	MCS Index	RB Size	RB Offset	Low CH 165800	Mid CH 167300	High CH 168800
				Frequency 829MHz	Frequency 836.5MHz	Frequency 844MHz
10M	DFT-s-OFDM QPSK	1	1	23.16	23.10	23.11

BW	MCS Index	RB Size	RB Offset	Low CH 166300	Mid CH 167300	High CH 168300
				Frequency 831.5MHz	Frequency 836.5MHz	Frequency 841.5MHz
15M	DFT-s-OFDM QPSK	1	1	23.05	23.00	23.21

BW	MCS Index	RB Size	RB Offset	Low CH 166800	Mid CH 167300	High CH 167800
				Frequency 834MHz	Frequency 836.5MHz	Frequency 839MHz
20M	DFT-s-OFDM Pi/2 BPSK	1	1	23.07	23.03	23.14
		1	53	23.05	23.10	23.14
		1	104	22.96	22.95	23.07
		50	0	22.58	22.66	22.69
		50	28	23.01	23.06	23.11
		50	56	22.43	22.38	22.50
		100	0	22.52	22.52	22.61
	DFT-s-OFDM QPSK	1	1	23.17	23.15	23.22
		1	53	23.06	22.95	23.06
		1	104	22.97	22.97	23.05
		50	0	22.14	22.10	22.14
		50	28	22.95	22.85	22.98
		50	56	22.16	21.97	22.13
		100	0	22.00	21.92	22.06
	DFT-s-OFDM 16QAM	1	1	22.29	22.22	22.33
	DFT-s-OFDM 64QAM	1	1	20.72	20.73	20.79
	DFT-s-OFDM 256QAM	1	1	18.68	18.64	18.75

N41(PC3)

BW	MCS Index	RB Size	RB Offset	Low CH 500202	Mid CH 518598	High CH 537000
				Frequency 2501.01MHz	Frequency 2592.99MHz	Frequency 2685MHz
10M	DFT-s-OFDM QPSK	1	1	23.23	23.21	23.37

BW	MCS Index	RB Size	RB Offset	Low CH 500700	Mid CH 518598	High CH 536496
				Frequency 2503.5MHz	Frequency 2592.99MHz	Frequency 2682.48MHz
15M	DFT-s-OFDM QPSK	1	1	23.24	23.31	23.42

BW	MCS Index	RB Size	RB Offset	Low CH 501204	Mid CH 518598	High CH 535998
				Frequency 2506.02MHz	Frequency 2592.99MHz	Frequency 2679.99MHz
20M	DFT-s-OFDM QPSK	1	1	23.28	23.33	23.39

BW	MCS Index	RB Size	RB Offset	Low CH 502200	Mid CH 518598	High CH 534996
				Frequency 2511MHz	Frequency 2592.99MHz	Frequency 2674.98MHz
30M	DFT-s-OFDM QPSK	1	1	23.20	23.21	23.30

BW	MCS Index	RB Size	RB Offset	Low CH 503202	Mid CH 518598	High CH 534000
				Frequency 2516.01MHz	Frequency 2592.99MHz	Frequency 2670MHz
40M	DFT-s-OFDM QPSK	1	1	23.23	23.22	23.31

BW	MCS Index	RB Size	RB Offset	Low CH 504204	Mid CH 518598	High CH 532998
				Frequency 2521.02MHz	Frequency 2592.99MHz	Frequency 2664.99MHz
50M	DFT-s-OFDM QPSK	1	1	23.30	23.27	23.40

BW	MCS Index	RB Size	RB Offset	Low CH 505200	Mid CH 518598	High CH 531996
				Frequency 2526MHz	Frequency 2592.99MHz	Frequency 2659.98MHz
60M	DFT-s-OFDM QPSK	1	1	23.29	23.30	23.33

BW	MCS Index	RB Size	RB Offset	Low CH 505202	Mid CH 518598	High CH 531000
				Frequency 2531.01MHz	Frequency 2592.99MHz	Frequency 2655MHz
70M	DFT-s-OFDM QPSK	1	1	23.26	23.22	23.42

BW	MCS Index	RB Size	RB Offset	Low CH 507204	Mid CH 518598	High CH 529998
				Frequency 2536.02MHz	Frequency 2592.99MHz	Frequency 2649.99MHz
80M	DFT-s-OFDM QPSK	1	1	23.20	23.28	23.30

BW	MCS Index	RB Size	RB Offset	Low CH 508200	Mid CH 518598	High CH 528996
				Frequency 2541MHz	Frequency 2592.99MHz	Frequency 2644.98MHz
90M	DFT-s-OFDM QPSK	1	1	23.25	23.22	23.39

BW	MCS Index	RB Size	RB Offset	Low CH 509202	Mid CH 518598	High CH 528000
				Frequency 2546.01MHz	Frequency 2592.99MHz	Frequency 2640MHz
100M	DFT-s-OFDM Pi/2 BPSK	1	1	23.21	23.25	23.40
		1	137	23.38	23.36	23.54
		1	271	23.38	23.36	23.45
		135	0	23.29	23.26	23.40
		135	69	23.25	23.26	23.38
		135	138	23.36	23.25	23.44
		270	0	23.30	23.22	23.43
	DFT-s-OFDM QPSK	1	1	23.45	23.46	23.57
		1	137	23.31	23.28	23.49
		1	271	23.46	23.36	23.49
		135	0	23.23	23.26	23.39
		135	69	23.39	23.31	23.48
		135	138	23.32	23.27	23.42
		270	0	23.20	23.33	23.43
	DFT-s-OFDM 16QAM	1	1	23.33	23.34	23.43
	DFT-s-OFDM 64QAM	1	1	23.13	23.08	23.20
	DFT-s-OFDM 256QAM	1	1	21.93	21.97	22.04

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BW	MCS Index	RB Size	RB Offset	Low CH 500202	Mid CH 518598	High CH 537000
				Frequency 2501.01MHz	Frequency 2592.99MHz	Frequency 2685MHz
10M	DFT-s-OFDM QPSK	1	1	26.20	26.10	26.22

BW	MCS Index	RB Size	RB Offset	Low CH 500700	Mid CH 518598	High CH 536496
				Frequency 2503.5MHz	Frequency 2592.99MHz	Frequency 2682.48MHz
15M	DFT-s-OFDM QPSK	1	1	26.21	26.09	26.20

BW	MCS Index	RB Size	RB Offset	Low CH 501204	Mid CH 518598	High CH 535998
				Frequency 2506.02MHz	Frequency 2592.99MHz	Frequency 2679.99MHz
20M	DFT-s-OFDM QPSK	1	1	26.25	26.13	26.28

BW	MCS Index	RB Size	RB Offset	Low CH 502200	Mid CH 518598	High CH 534996
				Frequency 2511MHz	Frequency 2592.99MHz	Frequency 2674.98MHz
30M	DFT-s-OFDM QPSK	1	1	26.22	26.02	26.21

BW	MCS Index	RB Size	RB Offset	Low CH 503202	Mid CH 518598	High CH 534000
				Frequency 2516.01MHz	Frequency 2592.99MHz	Frequency 2670MHz
40M	DFT-s-OFDM QPSK	1	1	26.17	26.12	26.28

BW	MCS Index	RB Size	RB Offset	Low CH 504204	Mid CH 518598	High CH 532998
				Frequency 2521.02MHz	Frequency 2592.99MHz	Frequency 2664.99MHz
50M	DFT-s-OFDM QPSK	1	1	26.24	26.01	26.21

BW	MCS Index	RB Size	RB Offset	Low CH 505200	Mid CH 518598	High CH 531996
				Frequency 2526MHz	Frequency 2592.99MHz	Frequency 2659.98MHz
60M	DFT-s-OFDM QPSK	1	1	26.14	26.08	26.28

BW	MCS Index	RB Size	RB Offset	Low CH 505202	Mid CH 518598	High CH 531000
				Frequency 2531.01MHz	Frequency 2592.99MHz	Frequency 2655MHz
70M	DFT-s-OFDM QPSK	1	1	26.15	26.09	26.26

BW	MCS Index	RB Size	RB Offset	Low CH 507204	Mid CH 518598	High CH 529998
				Frequency 2536.02MHz	Frequency 2592.99MHz	Frequency 2649.99MHz
80M	DFT-s-OFDM QPSK	1	1	26.28	26.05	26.31

BW	MCS Index	RB Size	RB Offset	Low CH 508200	Mid CH 518598	High CH 528996
				Frequency 2541MHz	Frequency 2592.99MHz	Frequency 2644.98MHz
90M	DFT-s-OFDM QPSK	1	1	26.18	26.04	26.21

BW	MCS Index	RB Size	RB Offset	Low CH 509202	Mid CH 518598	High CH 528000
				Frequency 2546.01MHz	Frequency 2592.99MHz	Frequency 2640MHz
100M	DFT-s-OFDM Pi/2 BPSK	1	1	26.31	26.23	26.34
		1	137	26.29	26.15	26.33
		1	271	26.10	26.11	26.22
		135	0	25.10	25.09	25.07
		135	69	26.06	26.11	26.21
		135	138	25.05	24.99	25.09
		270	0	25.17	25.03	25.16
	DFT-s-OFDM QPSK	1	1	26.41	26.34	26.48
		1	137	26.40	26.28	26.41
		1	271	26.40	26.34	26.43
		135	0	25.61	25.50	25.70
		135	69	26.08	26.05	26.19
		135	138	25.67	25.53	25.65
		270	0	25.52	25.60	25.66
	DFT-s-OFDM 16QAM	1	1	24.83	24.78	24.86
	DFT-s-OFDM 64QAM	1	1	23.53	23.58	23.68
	DFT-s-OFDM 256QAM	1	1	22.28	22.33	22.33

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BW	MCS Index	RB Size	RB Offset	Low CH 342500	Mid CH 349000	High CH 355500
				Frequency 1712.5MHz	Frequency 1745MHz	Frequency 1777.5MHz
5M	DFT-s-OFDM QPSK	1	1	22.79	22.71	22.63

BW	MCS Index	RB Size	RB Offset	Low CH 343000	Mid CH 349000	High CH 355000
				Frequency 1715MHz	Frequency 1745MHz	Frequency 1775MHz
10M	DFT-s-OFDM QPSK	1	1	22.81	22.76	22.61

BW	MCS Index	RB Size	RB Offset	Low CH 343500	Mid CH 349000	High CH 354500
				Frequency 1717.5MHz	Frequency 1745MHz	Frequency 1772.5MHz
15M	DFT-s-OFDM QPSK	1	1	22.78	22.68	22.56

BW	MCS Index	RB Size	RB Offset	Low CH 344000	Mid CH 349000	High CH 354000
				Frequency 1720MHz	Frequency 1745MHz	Frequency 1770MHz
20M	DFT-s-OFDM QPSK	1	1	22.77	22.70	22.53

BW	MCS Index	RB Size	RB Offset	Low CH 344500	Mid CH 349000	High CH 353500
				Frequency 1722.5MHz	Frequency 1745MHz	Frequency 1767.5MHz
25M	DFT-s-OFDM QPSK	1	1	22.78	22.64	22.52

BW	MCS Index	RB Size	RB Offset	Low CH 345000	Mid CH 349000	High CH 353000
				Frequency 1725MHz	Frequency 1745MHz	Frequency 1765MHz
30M	DFT-s-OFDM QPSK	1	1	22.95	22.79	22.85

BW	MCS Index	RB Size	RB Offset	Low CH 346000	Mid CH 349000	High CH 352000
				Frequency 1730MHz	Frequency 1745MHz	Frequency 1760MHz
40M	DFT-s-OFDM Pi/2 BPSK	1	1	22.86	22.80	22.73
		1	107	22.89	22.75	22.83
		1	214	22.84	22.71	22.73
		108	0	21.93	21.75	21.75
		108	54	22.89	22.63	22.70
		108	108	21.96	21.85	21.67
		216	0	21.88	21.87	21.73
	DFT-s-OFDM QPSK	1	1	23.00	22.87	22.80
		1	107	22.86	22.78	22.72
		1	214	22.80	22.69	22.65
		108	0	22.32	22.27	22.27
		108	54	22.91	22.90	22.79
		108	108	22.42	22.22	22.20
		216	0	22.45	22.37	22.34
	DFT-s-OFDM 16QAM	1	1	21.97	21.75	21.92
	DFT-s-OFDM 64QAM	1	1	20.62	20.34	20.32
	DFT-s-OFDM 256QAM	1	1	18.65	18.53	18.56

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BW	MCS Index	RB Size	RB Offset	Low CH 133100	Mid CH 136100	High CH 139100
				Frequency 665.5 MHz	Frequency 680.5 MHz	Frequency 695.5 MHz
5M	DFT-s-OFDM QPSK	1	1	23.03	22.72	22.81

BW	MCS Index	RB Size	RB Offset	Low CH 133600	Mid CH 136100	High CH 138600
				Frequency 668 MHz	Frequency 680.5 MHz	Frequency 693 MHz
10M	DFT-s-OFDM QPSK	1	1	22.96	22.70	22.86

BW	MCS Index	RB Size	RB Offset	Low CH 134100	Mid CH 136100	High CH 138100
				Frequency 670.5 MHz	Frequency 680.5 MHz	Frequency 690.5 MHz
15M	DFT-s-OFDM QPSK	1	1	22.98	22.74	22.77

BW	MCS Index	RB Size	RB Offset	Low CH 134600	Mid CH 136100	High CH 137600
				Frequency 673MHz	Frequency 680.5 MHz	Frequency 688 MHz
20M	DFT-s-OFDM Pi/2 BPSK	1	1	22.95	22.80	22.83
		1	53	22.71	22.59	22.64
		1	104	22.68	22.51	22.66
		50	0	22.35	22.22	22.36
		50	28	22.77	22.53	22.60
		50	56	22.27	22.10	22.08
		100	0	22.28	21.99	22.12
	DFT-s-OFDM QPSK	1	1	23.06	22.82	22.90
		1	53	22.86	22.70	22.68
		1	104	22.82	22.61	22.79
		50	0	21.81	21.63	21.74
		50	28	22.80	22.57	22.69
		50	56	21.67	21.59	21.65
		100	0	21.72	21.48	21.58
	DFT-s-OFDM 16QAM	1	1	22.21	22.03	22.12
	DFT-s-OFDM 64QAM	1	1	20.70	20.44	20.62
	DFT-s-OFDM 256QAM	1	1	18.39	18.24	18.21

N77(Part 27Q)(PC3)

BW	MCS Index	RB Size	RB Offset	Low CH 630334	Mid CH 633334	High CH 636332
				Frequency 3455.01MHz	Frequency 3500.01MHz	Frequency 3544.98MHz
10M	DFT-s-OFDM QPSK	1	1	22.67	22.70	22.72

BW	MCS Index	RB Size	RB Offset	Low CH 630500	Mid CH 633334	High CH 636166
				Frequency 3457.5MHz	Frequency 3500.01MHz	Frequency 3542.49MHz
15M	DFT-s-OFDM QPSK	1	1	22.77	22.72	22.73

BW	MCS Index	RB Size	RB Offset	Low CH 630668	Mid CH 633334	High CH 636000
				Frequency 3460.02MHz	Frequency 3500.01MHz	Frequency 3540MHz
20M	DFT-s-OFDM QPSK	1	1	22.77	22.73	22.77

BW	MCS Index	RB Size	RB Offset	Low CH 631000	Mid CH 633334	High CH 636000
				Frequency 3465MHz	Frequency 3500.01MHz	Frequency 3540MHz
30M	DFT-s-OFDM QPSK	1	1	22.72	22.79	22.74

BW	MCS Index	RB Size	RB Offset	Low CH 631334	Mid CH 633334	High CH 635332
				Frequency 3470.01MHz	Frequency 3500.01MHz	Frequency 3529.98MHz
40M	DFT-s-OFDM QPSK	1	1	22.71	22.69	22.81

BW	MCS Index	RB Size	RB Offset	Low CH 631668	Mid CH 633334	High CH 635000
				Frequency 3475.02MHz	Frequency 3500.01MHz	Frequency 355MHz
50M	DFT-s-OFDM QPSK	1	1	22.73	22.74	22.69

BW	MCS Index	RB Size	RB Offset	Low CH 632000	Mid CH 633334	High CH 634666
				Frequency 3480MHz	Frequency 3500.01MHz	Frequency 3519.99MHz
60M	DFT-s-OFDM QPSK	1	1	22.67	22.78	22.69

BW	MCS Index	RB Size	RB Offset	Low CH 632334	Mid CH 633334	High CH 634332
				Frequency 3485.01MHz	Frequency 3500.01MHz	Frequency 3514.98MHz
70M	DFT-s-OFDM QPSK	1	1	22.68	22.69	22.70

BW	MCS Index	RB Size	RB Offset	Low CH 632668	Mid CH 633334	High CH 634000
				Frequency 3490.02MHz	Frequency 3500.01MHz	Frequency 3510MHz
80M	DFT-s-OFDM QPSK	1	1	22.74	22.74	22.70

BW	MCS Index	RB Size	RB Offset	Low CH 633000	Mid CH 633334	High CH 633666
				Frequency 3495MHz	Frequency 3500.01MHz	Frequency 3504.99MHz
90M	DFT-s-OFDM QPSK	1	1	22.72	22.81	22.76

BW	MCS Index	RB Size	RB Offset	/	Mid CH 633334	/
				/	Frequency 3500.01MHz	/
100M	DFT-s-OFDM Pi/2 BPSK	1	1	/	22.65	/
		1	137	/	22.50	/
		1	271	/	22.56	/
		135	0	/	22.45	/
		135	69	/	22.51	/
		135	138	/	22.53	/
		270	0	/	22.46	/
	DFT-s-OFDM QPSK	1	1	/	22.82	/
		1	137	/	22.67	/
		1	271	/	22.60	/
		135	0	/	22.44	/
		135	69	/	22.48	/
		135	138	/	22.49	/
		270	0	/	22.53	/
	DFT-s-OFDM 16QAM	1	1	/	22.75	/
	DFT-s-OFDM 64QAM	1	1	/	22.45	/
	DFT-s-OFDM 256QAM	1	1	/	21.20	/

N77(Part 27Q)(PC2)

BW	MCS Index	RB Size	RB Offset	Low CH 630334	Mid CH 633334	High CH 636332
				Frequency 3455.01MHz	Frequency 3500.01MHz	Frequency 3544.98MHz
10M	DFT-s-OFDM QPSK	1	1	25.42	25.45	25.43

BW	MCS Index	RB Size	RB Offset	Low CH 630500	Mid CH 633334	High CH 636166
				Frequency 3457.5MHz	Frequency 3500.01MHz	Frequency 3542.49MHz
15M	DFT-s-OFDM QPSK	1	1	25.48	25.45	25.49

BW	MCS Index	RB Size	RB Offset	Low CH 630668	Mid CH 633334	High CH 636000
				Frequency 3460.02MHz	Frequency 3500.01MHz	Frequency 3540MHz
20M	DFT-s-OFDM QPSK	1	1	25.48	25.47	25.51

BW	MCS Index	RB Size	RB Offset	Low CH 631000	Mid CH 633334	High CH 636000
				Frequency 3465MHz	Frequency 3500.01MHz	Frequency 3540MHz
30M	DFT-s-OFDM QPSK	1	1	25.52	25.42	25.48

BW	MCS Index	RB Size	RB Offset	Low CH 631334	Mid CH 633334	High CH 635332
				Frequency 3470.01MHz	Frequency 3500.01MHz	Frequency 3529.98MHz
40M	DFT-s-OFDM QPSK	1	1	25.43	25.49	25.55

BW	MCS Index	RB Size	RB Offset	Low CH 631668	Mid CH 633334	High CH 635000
				Frequency 3475.02MHz	Frequency 3500.01MHz	Frequency 355MHz
50M	DFT-s-OFDM QPSK	1	1	25.42	25.46	25.50

BW	MCS Index	RB Size	RB Offset	Low CH 632000	Mid CH 633334	High CH 634666
				Frequency 3480MHz	Frequency 3500.01MHz	Frequency 3519.99MHz
60M	DFT-s-OFDM QPSK	1	1	25.51	25.54	25.53

BW	MCS Index	RB Size	RB Offset	Low CH 632334	Mid CH 633334	High CH 634332
				Frequency 3485.01MHz	Frequency 3500.01MHz	Frequency 3514.98MHz
70M	DFT-s-OFDM QPSK	1	1	25.41	25.51	25.46

BW	MCS Index	RB Size	RB Offset	Low CH 632668	Mid CH 633334	High CH 634000
				Frequency 3490.02MHz	Frequency 3500.01MHz	Frequency 3510MHz
80M	DFT-s-OFDM QPSK	1	1	25.44	25.44	25.55

BW	MCS Index	RB Size	RB Offset	Low CH 633000	Mid CH 633334	High CH 633666
				Frequency 3495MHz	Frequency 3500.01MHz	Frequency 3504.99MHz
90M	DFT-s-OFDM QPSK	1	1	25.44	25.45	25.54

BW	MCS Index	RB Size	RB Offset	/	Mid CH 633334	/
				/	Frequency 3500.01MHz	/
100M	DFT-s-OFDM Pi/2 BPSK	1	1	/	25.42	/
		1	137	/	25.37	/
		1	271	/	25.41	/
		135	0	/	24.70	/
		135	69	/	25.33	/
		135	138	/	24.88	/
		270	0	/	24.88	/
	DFT-s-OFDM QPSK	1	1	/	25.56	/
		1	137	/	25.19	/
		1	271	/	25.49	/
		135	0	/	24.18	/
		135	69	/	25.25	/
		135	138	/	24.33	/
		270	0	/	24.23	/
	DFT-s-OFDM 16QAM	1	1	/	24.44	/
	DFT-s-OFDM 64QAM	1	1	/	22.79	/
	DFT-s-OFDM 256QAM	1	1	/	21.46	/

N77(Part 270)(PC3)

BW	MCS Index	RB Size	RB Offset	Low CH 647000	Mid CH 656000	High CH 665000
				Frequency 3705MHz	Frequency 3840MHz	Frequency 3975MHz
10M	DFT-s-OFDM QPSK	1	1	23.14	22.62	22.98

BW	MCS Index	RB Size	RB Offset	Low CH 647168	Mid CH 656000	High CH 664832
				Frequency 3707.52MHz	Frequency 3840MHz	Frequency 3972.48MHz
15M	DFT-s-OFDM QPSK	1	1	23.15	22.60	23.03

BW	MCS Index	RB Size	RB Offset	Low CH 647334	Mid CH 656000	High CH 664666
				Frequency 3710.01MHz	Frequency 3840MHz	Frequency 3969.99MHz
20M	DFT-s-OFDM QPSK	1	1	23.20	22.70	22.91

BW	MCS Index	RB Size	RB Offset	Low CH 647670	Mid CH 656000	High CH 664332
				Frequency 3715.05MHz	Frequency 3840MHz	Frequency 3964.98MHz
30M	DFT-s-OFDM QPSK	1	1	23.22	22.68	23.01

BW	MCS Index	RB Size	RB Offset	Low CH 648000	Mid CH 656000	High CH 664000
				Frequency 3720MHz	Frequency 3840MHz	Frequency 3960MHz
40M	DFT-s-OFDM QPSK	1	1	23.10	22.65	23.00

BW	MCS Index	RB Size	RB Offset	Low CH 648336	Mid CH 656000	High CH 663666
				Frequency 3725.04MHz	Frequency 3840MHz	Frequency 3954.99MHz
50M	DFT-s-OFDM QPSK	1	1	23.10	22.69	23.02

BW	MCS Index	RB Size	RB Offset	Low CH 648668	Mid CH 656000	High CH 663332
				Frequency 3730.02MHz	Frequency 3840MHz	Frequency 3949.98MHz
60M	DFT-s-OFDM QPSK	1	1	23.21	22.62	22.94

BW	MCS Index	RB Size	RB Offset	Low CH 632334	Mid CH 656000	High CH 634332
				Frequency 3485.01MHz	Frequency 3840MHz	Frequency 3514.98MHz
70M	DFT-s-OFDM QPSK	1	1	23.09	22.65	23.00

BW	MCS Index	RB Size	RB Offset	Low CH 649334	Mid CH 656000	High CH 662666
				Frequency 3740.01MHz	Frequency 3840MHz	Frequency 3939.99MHz
80M	DFT-s-OFDM QPSK	1	1	23.09	22.67	22.91

BW	MCS Index	RB Size	RB Offset	Low CH 649668	Mid CH 656000	High CH 662332
				Frequency 3745.02MHz	Frequency 3840MHz	Frequency 3934.98MHz
90M	DFT-s-OFDM QPSK	1	1	23.12	22.70	22.97

BW	MCS Index	RB Size	RB Offset	Low CH 650000	Mid CH 656000	High CH 662000
				Frequency 3750MHz	Frequency 3840MHz	Frequency 3930MHz
100M	DFT-s-OFDM Pi/2 BPSK	1	1	23.19	22.71	22.91
		1	137	23.01	22.68	22.93
		1	271	23.00	22.48	22.70
		135	0	22.89	22.54	22.84
		135	69	22.95	22.42	22.71
		135	138	22.95	22.52	22.78
		270	0	22.86	22.50	22.80
	DFT-s-OFDM QPSK	1	1	23.23	22.74	23.04
		1	137	23.02	22.60	22.88
		1	271	23.01	22.46	22.75
		135	0	22.75	22.53	22.71
		135	69	22.95	22.56	22.78
		135	138	22.93	22.50	22.80
		270	0	22.87	22.44	22.79
	DFT-s-OFDM 16QAM	1	1	23.13	22.57	22.76
	DFT-s-OFDM 64QAM	1	1	22.86	22.41	22.74
	DFT-s-OFDM 256QAM	1	1	21.59	21.09	21.43