

FCC RF Test Report

(5G NR)

Applicant: INFINIX MOBILITY LIMITED

Address of Applicant: FLAT N 16/F BLOCK B UNIVERSAL INDUSTRIAL CENTRE
19-25 SHAN MEI STREET FOTAN NT HONGKONG

Equipment Under Test (EUT)

Product Name: Mobile Phone

Model No.: X666B

Trade Mark: Infinix

FCC ID: 2AIZN-X666B

Applicable Standards: FCC CFR Title 47 Part 2, 22H, 24E, 27L&M&N&O&Q

Date of Sample Receipt: 09 Oct., 2022

Date of Test: 10 Oct., to 28 Oct., 2022

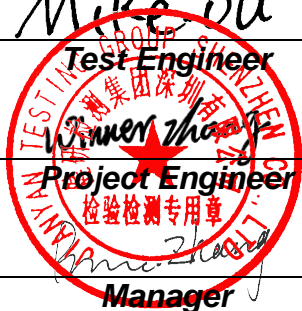
Date of Report Issued: 08 Nov., 2022

Test Result: PASS

Tested by: Mike DU **Date:** 08 Nov., 2022
Test Engineer

Reviewed by: Wenwen Zhang **Date:** 08 Nov., 2022
Project Engineer

Approved by: Wenwen Zhang **Date:** 08 Nov., 2022
Manager



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

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2. Version

Version No.	Date	Description
00	31 Oct., 2022	Original
01	08 Nov., 2022	Update Page 16, 17.

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4. General Information

4.1 Client Information

Applicant:	INFINIX MOBILITY LIMITED
Address:	FLAT N 16/F BLOCK B UNIVERSAL INDUSTRIAL CENTRE 19-25 SHAN MEI STREET FOTAN NT HONGKONG
Manufacturer:	INFINIX MOBILITY LIMITED
Address:	FLAT N 16/F BLOCK B UNIVERSAL INDUSTRIAL CENTRE 19-25 SHAN MEI STREET FOTAN NT HONGKONG
Factory:	SHENZHEN TECNO TECHNOLOGY CO., LTD.
Address:	101, Building 24, Waijing Industrial Park, Fumin Community, Fucheng Street, Longhua District, Shenzhen City, P.R.China

4.2 General Description of E.U.T.

Product Name:	Mobile Phone			
Model No.:	X666B			
Operation Frequency Range:	Band n2:	Tx: 1850 MHz - 1910 MHz	Rx: 1930 MHz - 1990 MHz	
	Band n5:	Tx: 824 MHz - 849 MHz	Rx: 869 MHz - 894 MHz	
	Band n7:	Tx: 2500 MHz - 2570 MHz	Rx: 2620 MHz - 2690 MHz	
	Band n38:	Tx: 2570 MHz - 2620 MHz	Rx: 2570 MHz - 2620 MHz	
	Band n41:	Tx: 2496 MHz - 2690 MHz	Rx: 2496 MHz - 2690 MHz	
	Band n66:	Tx: 1710 MHz - 1780 MHz	Rx: 2110 MHz - 2200 MHz	
	Band n71:	Tx: 663 MHz - 698 MHz	Rx: 617 MHz - 652 MHz	
	Band n77:	Tx: 3450 MHz - 3550 MHz	Rx: 3450 MHz - 3550 MHz	
	Band n77:	Tx: 3700 MHz - 3980 MHz	Rx: 3700 MHz - 3980 MHz	
	Band n78:	Tx: 3450 MHz - 3550 MHz	Rx: 3450 MHz - 3550 MHz	
	Band n78:	Tx: 3700 MHz - 3800 MHz	Rx: 3700 MHz - 3800 MHz	
Modulation Type:	<input checked="" type="checkbox"/> DFT-s-OFDM:	Pi/2-BPSK, QPSK, 16-QAM, 64-QAM, 256-QAM		
	<input checked="" type="checkbox"/> CP-OFDM:	QPSK, 16-QAM, 64-QAM, 256-QAM		
Network Mode:	<input checked="" type="checkbox"/> SA:	n2, n5, n7, n38, n41, n66, n71, n77, n78		
	<input checked="" type="checkbox"/> NSA(EN-DC):	DC_5A_n7A, DC_41A_n41A, DC_41C_n41A, DC_2A_n77A, DC_5A_n77A, DC_7A_n77A, DC_7C_n77A, DC_41A_n77A, DC_41C_n77A, DC_66A_n77A, DC_2A_n78A, DC_5A_n78A, DC_7A_n78A, DC_7C_n78A, DC_38A_n78A, DC_41A_n78A, DC_41C_n78A, DC_66A_n78A (LTE Band 7C and 41C only supports downlink)		
SCS Support:	<input checked="" type="checkbox"/> 15 kHz	<input checked="" type="checkbox"/> 30 kHz	<input type="checkbox"/> 60 kHz	<input type="checkbox"/> 120 kHz
Antenna Type:	Internal Antenna			
Antenna Gain:	Band n2:	-1.02 dBi (declare by Applicant)		
	Band n5:	-5.80 dBi (declare by Applicant)		
	Band n7:	-1.71 dBi (declare by Applicant)		
	Band n38:	-1.71 dBi (declare by Applicant)		
	Band n41:	-1.71 dBi (declare by Applicant)		
	Band n66:	-1.02 dBi (declare by Applicant)		
	Band n71:	-5.32 dBi (declare by Applicant)		
	Band n77:	-1.14 dBi (declare by Applicant)		
Band n78:	-1.14 dBi (declare by Applicant)			
Power Supply:	Rechargeable Li-ion Polymer Battery DC3.85V, 4900mAh			

AC Adapter:	Model: U180XSA Input: AC100-240V, 50/60Hz, 0.6A Output: DC 5.0V, 2.4A or 7.5V, 2.4A 18.0W Max
Test Sample Condition:	The test samples were provided in good working order with no visible defects.

4.3 Test Mode and Environment

Test Mode:	
DFT-s-OFDM access mode:	Keep the EUT communication with simulated station in Pi/2-BPSK, QPSK, 16-QAM, 64-QAM, 256-QAM modulation of DFT-s-OFDM access mode.
CP-OFDM access mode:	Keep the EUT communication with simulated station in Pi/2-BPSK, QPSK, 16-QAM, 64-QAM, 256-QAM modulation of CP-OFDM access mode.
<i>Remark: The EUT has been tested under continuous transmitting mode. Channel Low, Mid and High for each type band with rated data rate were chosen for full testing. The field strength of spurious radiation emission was measured as EUT stand-up position (H mode) and lie down position (E1, E2 mode) for these modes. Just the worst case position (H mode) shown in report.</i>	
Operating Environment:	
Temperature:	Normal: 15°C ~ 35°C, Extreme: -30°C ~ +50°C
Humidity:	20 % ~ 75 % RH
Atmospheric Pressure:	1008 mbar
Voltage:	Nominal: 3.85 Vdc, Extreme: Low 3.50 Vdc, High 4.40 Vdc

4.4 Description of Test Auxiliary Equipment

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

4.5 Measurement Uncertainty

Parameter	Expanded Uncertainty (Confidence of 95%(U = 2Uc(y)))
Radiated Emission (30MHz ~ 1GHz) (3m SAC)	±4.45 dB
Radiated Emission (1GHz ~ 18GHz) (3m SAC)	±5.34 dB
Radiated Emission (18GHz ~ 40GHz) (3m SAC)	±5.34 dB
<i>Note: All the measurement uncertainty value were shown with a coverage k=2 to indicate 95% level of confidence. The measurement data show herein meets or exceeds the CISPR measurement uncertainty values specified in CISPR 16-4-2 and can be compared directly to specified limit to determine compliance.</i>	

4.6 Additions to, Deviations, or Exclusions from the Method

No

4.7 Laboratory Facility

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

- **FCC - Designation No.: CN1211**
JianYan Testing Group Shenzhen Co., Ltd. has been accredited as a testing laboratory by FCC(Federal Communications Commission). The test firm Registration No. is 727551.
- **ISED – CAB identifier.: CN0021**
The 3m Semi-anechoic chamber and 10m Semi-anechoic chamber of JianYan Testing Group Shenzhen Co., Ltd. has been Registered by Certification and Engineering Bureau of Industry Canada for radio equipment testing with Registration No.: 10106A-1.
- **CNAS - Registration No.: CNAS L15527**
JianYan Testing Group Shenzhen Co., Ltd. is accredited to ISO/IEC 17025:2017 General Requirements for the Competence of Testing and Calibration laboratories for the competence of testing. The Registration No. is CNAS L15527.
- **A2LA - Registration No.: 4346.01**
This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2017 General requirements for the competence of testing and calibration laboratories. The test scope can be found as below link: <https://portal.a2la.org/scopepdf/4346-01.pdf>

4.8 Laboratory Location

JianYan Testing Group Shenzhen Co., Ltd.
 Address: No.101, Building 8, Innovation Wisdom Port, No.155 Hongtian Road, Huangpu Community, Xinqiao Street, Bao'an District, Shenzhen, Guangdong, People's Republic of China.
 Tel: +86-755-23118282, Fax: +86-755-23116366
 Email: info-JYTee@lets.com, Website: <http://jyt.lets.com>

4.9 Test Instruments List

Radiated Emission(3m SAC):					
Test Equipment	Manufacturer	Model No.	Manage No.	Cal. Date (mm-dd-yy)	Cal. Due date (mm-dd-yy)
3m SAC	ETS	9m*6m*6m	WXJ001-1	04-14-2021	04-13-2024
Loop Antenna	Schwarzbeck	FMZB 1519 B	WXJ002-4	03-07-2022	03-06-2023
BiConiLog Antenna	Schwarzbeck	VULB9163	WXJ002	03-08-2022	03-07-2023
Biconical Antenna	Schwarzbeck	VUBA9117	WXJ002-1	07-02-2021	07-01-2024
Horn Antenna	Schwarzbeck	BBHA9120D	WXJ002-2	03-08-2022	03-07-2023
Horn Antenna	Schwarzbeck	BBHA9120D	WXJ002-3	04-07-2022	04-06-2023
Horn Antenna	Schwarzbeck	BBHA9170	WXJ002-5	04-07-2022	04-06-2023
Horn Antenna	Schwarzbeck	BBHA9170	WXJ002-6	04-07-2022	04-06-2023
Pre-amplifier (30MHz ~ 1GHz)	Schwarzbeck	BBV9743B	WXJ001-2	01-20-2022	01-19-2023
Pre-amplifier (1GHz ~ 18GHz)	SKET	LNPA_0118G-50	WXJ001-3	01-20-2022	01-19-2023
Pre-amplifier (18GHz ~ 40GHz)	RF System	TRLA-180400G45B	WXJ002-7	03-30-2022	03-29-2023
EMI Test Receiver	Rohde & Schwarz	ESRP7	WXJ003-1	03-05-2022	03-04-2023
Spectrum Analyzer	Rohde & Schwarz	FSP 30	WXJ004	01-20-2022	01-19-2023
Spectrum Analyzer	KEYSIGHT	N9010B	WXJ004-2	10-27-2021	10-26-2022
				10-17-2022	10-16-2023
Coaxial Cable (30MHz ~ 1GHz)	JYTSZ	JYT3M-1G-NN-8M	WXG001-4	01-20-2022	01-19-2023
Coaxial Cable (1GHz ~ 18GHz)	JYTSZ	JYT3M-18G-NN-8M	WXG001-5	01-20-2022	01-19-2023
Coaxial Cable (18GHz ~ 40GHz)	JYTSZ	JYT3M-40G-SS-8M	WXG001-7	01-20-2022	01-19-2023
Band Reject Filter Group	Tonscend	JS0806-F	WXJ089	N/A	
Test Software	Tonscend	TS+	Version: 3.0.0.1		

Conducted Method:					
Test Equipment	Manufacturer	Model No.	Manage No.	Cal. Date (mm-dd-yy)	Cal. Due date (mm-dd-yy)
Spectrum Analyzer	Keysight	N9020B	WXJ004-2	10-27-2021	10-26-2022
				10-17-2022	10-16-2023
UXM 5G Wireless Test Platform	Keysight	E7515B	WXJ008-6	10-27-2021	10-26-2022
				10-17-2022	10-16-2023
Temperature Humidity Chamber	HONG ZHI	CZ-A-80D	WXJ032-2	03-19-2021	03-18-2023
DC Power Supply	Keysight	E3642A	WXJ025-3	N/A	
RF Control Box	MWRF-test	MW400-RFCB	WXG005	N/A	
Automatic Filter Box	MWRF-test	MW400-SFCB1	WXG005-1	N/A	
Automatic Filter Box	MWRF-test	MW400-SFCB2	WXG005-2	N/A	
Test Software	MWRF-test	MTS 8200 NR	Version: 2.0.0.0		

5. Measurement Setup and Procedure

5.1 Test Channel

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

Band n2, SCS: 15 kHz					
Channels	ARFCN	Frequency (MHz)	Channels	ARFCN	Frequency (MHz)
5 MHz			10 MHz		
Lowest	370500	1852.5	Lowest	371000	1855.0
Middle	376000	1880.0	Middle	376000	1880.0
Highest	381500	1907.5	Highest	381000	1905.0
15 MHz			20 MHz		
Lowest	371500	1857.5	Lowest	372000	1860.0
Middle	376000	1880.0	Middle	376000	1880.0
Highest	380500	1902.5	Highest	380000	1900.0
Band n2, SCS: 30 kHz					
Channels	ARFCN	Frequency (MHz)	Channels	ARFCN	Frequency (MHz)
10 MHz			15 MHz		
Lowest	371000	1855.0	Lowest	371500	1857.5
Middle	376000	1880.0	Middle	376000	1880.0
Highest	381000	1905.0	Highest	380500	1902.5
20 MHz					
Lowest	372000	1860.0			
Middle	376000	1880.0			
Highest	380000	1900.0			
Band n5, SCS: 15 kHz					
Channels	ARFCN	Frequency (MHz)	Channels	ARFCN	Frequency (MHz)
5 MHz			10 MHz		
Lowest	165300	826.5	Lowest	165800	829.0
Middle	167300	836.5	Middle	167300	836.5
Highest	169300	846.5	Highest	168800	844.0
15 MHz			20 MHz		
Lowest	166300	831.5	Lowest	166800	834.0
Middle	167300	836.5	Middle	167300	836.5
Highest	168300	841.5	Highest	167800	839.0
Band n5, SCS: 30 kHz					
Channels	ARFCN	Frequency (MHz)	Channels	ARFCN	Frequency (MHz)
10 MHz			15 MHz		
Lowest	165800	829.0	Lowest	166300	831.5
Middle	167300	836.5	Middle	167300	836.5
Highest	168800	844.0	Highest	168300	841.5
20 MHz					
Lowest	166800	834.0			
Middle	167300	836.5			
Highest	167800	839.0			

Band n7, SCS: 15 kHz					
Channels	ARFCN	Frequency (MHz)	Channels	ARFCN	Frequency (MHz)
5 MHz			10 MHz		
Lowest	500500	2502.5	Lowest	501000	2505.0
Middle	507000	2535.0	Middle	507000	2535.0
Highest	513500	2567.5	Highest	513000	2565.0
15 MHz			20 MHz		
Lowest	501500	2507.5	Lowest	502000	2510.0
Middle	507000	2535.0	Middle	507000	2535.0
Highest	512500	2562.5	Highest	512000	2560.0
Band n7, SCS: 30 kHz					
Channels	ARFCN	Frequency (MHz)	Channels	ARFCN	Frequency (MHz)
10 MHz			15 MHz		
Lowest	501000	2505.0	Lowest	501500	2507.5
Middle	507000	2535.0	Middle	507000	2535.0
Highest	513000	2565.0	Highest	512500	2562.5
20 MHz					
Lowest	502000	2510.0			
Middle	507000	2535.0			
Highest	512000	2560.0			
Band n41(2496 MHz ~2690 MHz), SCS: 15 kHz Include Band n38					
Channels	ARFCN	Frequency (MHz)	Channels	ARFCN	Frequency (MHz)
10 MHz			15 MHz		
Lowest	500202	2501.010	Lowest	500700	2503.500
Middle	518601	2593.005	Middle	518601	2593.005
Highest	537000	2685.000	Highest	536499	2682.495
20 MHz			30 MHz		
Lowest	501201	2506.005	Lowest	502200	2511.000
Middle	518601	2593.005	Middle	518601	2593.005
Highest	535998	2679.990	Highest	534999	2674.995
40 MHz			50 MHz		
Lowest	503202	2516.010	Lowest	504201	2521.005
Middle	518601	2593.005	Middle	518601	2593.005
Highest	534000	2670.000	Highest	532998	2664.990

Band n41(2496 MHz ~2690 MHz), SCS: 30 kHz Include Band n38					
Channels	ARFCN	Frequency (MHz)	Channels	ARFCN	Frequency (MHz)
10 MHz			15 MHz		
Lowest	500202	2501.010	Lowest	500700	2503.500
Middle	518598	2592.990	Middle	518598	2592.990
Highest	537000	2685.000	Highest	536496	2682.480
20 MHz			30 MHz		
Lowest	501204	2506.020	Lowest	502200	2511.000
Middle	518598	2592.990	Middle	518598	2592.990
Highest	535998	2679.990	Highest	534996	2674.980
40 MHz			50 MHz		
Lowest	503202	2516.010	Lowest	504204	2521.020
Middle	518598	2592.990	Middle	518598	2592.990
Highest	534000	2670.000	Highest	532998	2664.990
60 MHz			80 MHz		
Lowest	505200	2526.000	Lowest	507204	2536.020
Middle	518598	2592.990	Middle	518598	2592.990
Highest	531996	2659.980	Highest	52998	2649.990
90 MHz			100 MHz		
Lowest	508200	2541.000	Lowest	509202	2546.010
Middle	518598	2592.990	Middle	518598	2592.990
Highest	528996	2644.980	Highest	528000	2640.000
Band n66, SCS: 15 kHz					
Channels	ARFCN	Frequency (MHz)	Channels	ARFCN	Frequency (MHz)
5 MHz			10 MHz		
Lowest	342500	1712.5	Lowest	343000	1715.0
Middle	349000	1745.0	Middle	349000	1745.0
Highest	355500	1777.5	Highest	355000	1775.0
15 MHz			20 MHz		
Lowest	343500	1717.5	Lowest	344000	1720.0
Middle	349000	1745.0	Middle	349000	1745.0
Highest	354500	1772.5	Highest	354000	1770.0
40 MHz					
Lowest	346000	1730.0			
Middle	349000	1745.0			
Highest	352000	1760.0			

Band n66, SCS: 30 kHz					
Channels	ARFCN	Frequency (MHz)	Channels	ARFCN	Frequency (MHz)
10 MHz			15 MHz		
Lowest	343000	1715.0	Lowest	343500	1717.5
Middle	349000	1745.0	Middle	349000	1745.0
Highest	355000	1775.0	Highest	354500	1772.5
20 MHz			40 MHz		
Lowest	344000	1720.0	Lowest	346000	1730.0
Middle	349000	1745.0	Middle	349000	1745.0
Highest	354000	1770.0	Highest	352000	1760.0
Band n71, SCS: 15 kHz					
Channels	ARFCN	Frequency (MHz)	Channels	ARFCN	Frequency (MHz)
5 MHz			10 MHz		
Lowest	133100	665.5	Lowest	133600	668.0
Middle	136100	680.5	Middle	136100	680.5
Highest	139100	695.5	Highest	138600	693.0
15 MHz			20 MHz		
Lowest	134100	670.5	Lowest	134600	673.0
Middle	136100	680.5	Middle	136100	680.5
Highest	138100	690.5	Highest	137600	688.0
Band n71, SCS: 30 kHz					
Channels	ARFCN	Frequency (MHz)	Channels	ARFCN	Frequency (MHz)
10 MHz			15 MHz		
Lowest	133600	668.0	Lowest	134100	670.5
Middle	136100	680.5	Middle	136100	680.5
Highest	138600	693.0	Highest	138100	690.5
20 MHz					
Lowest	134600	673.0			
Middle	136100	680.5			
Highest	137600	688.0			

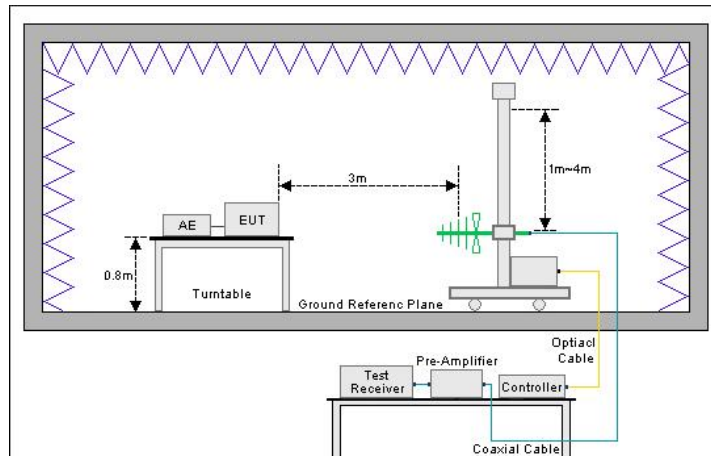
Band n77/78(3450-3550), SCS: 15 kHz Include Band n78					
Channels	ARFCN	Frequency (MHz)	Channels	ARFCN	Frequency (MHz)
10 MHz			15 MHz		
Lowest	630334	3455.010	Lowest	630500	3457.500
Middle	633334	3500.010	Middle	633334	3500.010
Highest	636332	3544.980	Highest	636166	3542.490
20 MHz			30 MHz		
Lowest	630668	3460.020	Lowest	631000	3465.000
Middle	633334	3500.010	Middle	633334	3500.010
Highest	636000	3540.000	Highest	635666	3534.990
40 MHz			50 MHz		
Lowest	631334	3470.010	Lowest	631668	3475.020
Middle	633334	3500.010	Middle	633334	3500.010
Highest	635332	3529.980	Highest	635000	3525.000
Band n77/78(3450-3550), SCS: 30 kHz Include Band n78					
Channels	ARFCN	Frequency (MHz)	Channels	ARFCN	Frequency (MHz)
10 MHz			15 MHz		
Lowest	630334	3455.010	Lowest	630500	3457.500
Middle	633334	3500.010	Middle	633334	3500.010
Highest	636332	3544.980	Highest	636166	3542.490
20 MHz			30 MHz		
Lowest	630668	3460.020	Lowest	631000	3465.000
Middle	633334	3500.010	Middle	633334	3500.010
Highest	636000	3540.000	Highest	635666	3534.990
40 MHz			50 MHz		
Lowest	631334	3470.010	Lowest	631668	3475.020
Middle	633334	3500.010	Middle	633334	3500.010
Highest	635332	3529.980	Highest	635000	3525.000
60 MHz			80 MHz		
Lowest	632000	3480.000	Lowest	632668	3490.020
Middle	633334	3500.010	Middle	633334	3500.010
Highest	634666	3519.990	Highest	634000	3510.000
90 MHz			100 MHz		
Lowest	633000	3495.000	Lowest	/	/
Middle	633334	3500.010	Middle	633334	3500.010
Highest	633666	3504.990	Highest	/	/

Band n77(3700-3980), SCS: 15 kHz Include Band n78					
Channels	ARFCN	Frequency (MHz)	Channels	ARFCN	Frequency (MHz)
10 MHz			15 MHz		
Lowest	647000	3705.000	Lowest	647168	3707.520
Middle	656000	3840.000	Middle	656000	3840.000
Highest	665000	3975.000	Highest	664832	3972.480
20 MHz			30 MHz		
Lowest	647334	3710.010	Lowest	647668	3715.020
Middle	656000	3840.000	Middle	656000	3840.000
Highest	664666	3969.990	Highest	664332	3964.980
40 MHz			50 MHz		
Lowest	648000	3720.000	Lowest	648334	3725.010
Middle	656000	3840.000	Middle	656000	3840.000
Highest	664000	3960.000	Highest	663666	3954.990
Band n77(3700-3980), SCS: 30 kHz Include Band n78					
Channels	ARFCN	Frequency (MHz)	Channels	ARFCN	Frequency (MHz)
10 MHz			15 MHz		
Lowest	647000	3705.000	Lowest	647168	3707.520
Middle	656000	3840.000	Middle	656000	3840.000
Highest	665000	3975.000	Highest	664832	3972.480
20 MHz			30 MHz		
Lowest	647334	3710.010	Lowest	647668	3715.020
Middle	656000	3840.000	Middle	656000	3840.000
Highest	664666	3969.990	Highest	664332	3964.980
40 MHz			50 MHz		
Lowest	648000	3720.000	Lowest	648334	3725.010
Middle	656000	3840.000	Middle	656000	3840.000
Highest	664000	3960.000	Highest	663666	3954.990
60 MHz			80 MHz		
Lowest	648668	3730.020	Lowest	649334	3740.010
Middle	656000	3840.000	Middle	656000	3840.000
Highest	663332	3949.980	Highest	662666	3939.990
90 MHz			100 MHz		
Lowest	649668	3745.020	Lowest	650000	3750.000
Middle	656000	3840.000	Middle	656000	3840.000
Highest	662332	3934.980	Highest	662000	3930.000

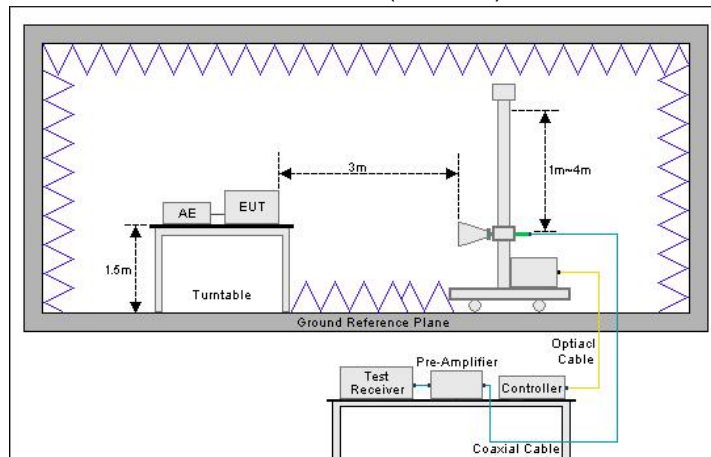
5.2 Test Setup

1) Radiated emission measurement:

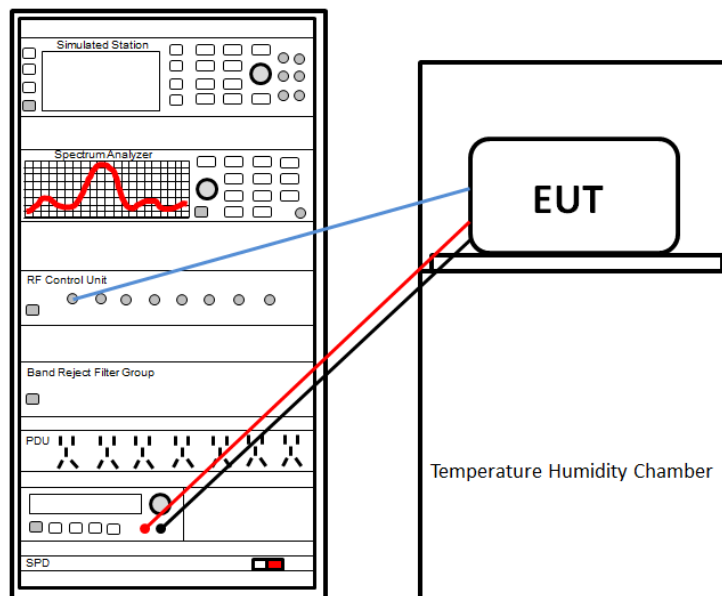
Below 1GHz (3m SAC)



Above 1GHz (3m SAC)



2) Conducted test method



5.3 Test Procedure

Test method	Test step
Radiated emission	<p>For below 1GHz:</p> <ol style="list-style-type: none"> 1. The EUT was placed on the tabletop of a rotating table 0.8 m the ground at a 3 m semi anechoic chamber. The measurement distance from the EUT to the receiving antenna is 3 m. 2. EUT works in each mode of operation that needs to be tested , and having the EUT continuously working, respectively on 3 axis (X, Y & Z) and considered typical configuration to obtain worst position. The highest signal levels relative to the limit shall be determined by rotating the EUT from 0° to 360° and with varying the measurement antenna height between 1 m and 4 m in vertical and horizontal polarizations. 3. Open the test software to control the test antenna and test turntable. Perform the test, save the test results, and export the test data. <p>For above 1GHz:</p> <ol style="list-style-type: none"> 1. The EUT was placed on the tabletop of a rotating table 1.5 m the ground at a 3 m fully anechoic room. The measurement distance from the EUT to the receiving antenna is 3 m. 2. EUT works in each mode of operation that needs to be tested , and having the EUT continuously working, respectively on 3 axis (X, Y & Z) and considered typical configuration to obtain worst position. The highest signal levels relative to the limit shall be determined by rotating the EUT from 0° to 360° and with varying the measurement antenna height between 1 m and 4 m in vertical and horizontal polarizations. 3. Open the test software to control the test antenna and test turntable. Perform the test, save the test results, and export the test data.
Conducted test method	<ol style="list-style-type: none"> 1. The NR antenna port of EUT was connected to the test port of the test system through an RF cable. 2. The EUT is keeping in continuous transmission mode and tested in all modulation modes. 3. Open the test software, prepare a test plan, and control the system through the software. After the test is completed, the test report is exported through the test software.

6. Test Results

6.1 Summary

6.1.1 Clause and Data Summary

This report was amended on FCC ID: 2AIZN-X666. The original report: JYTSZ-R12-2201219, issued by JianYan Testing Group Shenzhen Co., Ltd. The X666B and the original model were identical inside, the electrical circuit design, layout, components used and internal wiring, the differences between them as below: Update the applicant and manufacturer addresses, update the model. Updated adapter and added NFC, So not need to retest.

Test items	Standard clause	Test data	Result
RF Exposure (SAR)	Part 1.1307 Part 2.1093	See SAR Report	Pass*
RF Output Power	Part 2.1046 Part 22.913 (a)(5) Part 24.232 (c) Part 27.50 (c)(10) Part 27.50 (h)(2) Part 27.50 (d)(4) Part 27.50 (j)(3) Part 27.50 (k)(3)	Please refer to JYTSZ-R12-2201219 report, See Section 6.2.1 of this report	Pass*
Peak-to-Average Power Ratio	Part 24.232 (d) Part 27.50 (d)(5) Part 27.50 (j)(4) Part 27.50 (k)(4)	Please refer to JYTSZ-R12-2201219 report	Pass*
26dB Emission Bandwidth 99% Occupied Bandwidth	Part 2.1049	Please refer to JYTSZ-R12-2201219 report	Pass*
Out of Band Emission at Antenna Terminals	Part 2.1051 Part 22.917 (a) Part 24.238 (a) Part 27.53 (g) Part 27.53 (h) Part 27.53 (l)(2) Part 27.53 (m)(4) Part 27.53 (n)(2)	Please refer to JYTSZ-R12-2201219 report	Pass*
Field Strength of Spurious Radiation	Part 2.1053 Part 22.917 (a) Part 24.238 (a) Part 27.53 (g) Part 27.53 (h) Part 27.53 (l)(2) Part 27.53 (m)(4) Part 27.53 (n)(2)	Please refer to JYTSZ-R12-2201219 report, See Section 6.2.2 of this report	Pass*
Frequency Stability vs. Temperature	Part 2.1055 (a)(1)(b) Part 22.355 Part 24.235 Part 27.54	Please refer to JYTSZ-R12-2201219 report	Pass*
Frequency Stability vs. Voltage	Part 2.1055 (d)(2) Part 22.355 Part 24.235 Part 27.54	Please refer to JYTSZ-R12-2201219 report	Pass*

Remark:

1. Pass*: Please refer to JYTSZ-R12-2201219 report, issued by JianYan Testing Group Shenzhen Co., Ltd.

Test Method:

ANSI/TIA-603-E-2016

ANSI C63.26-2015

6.1.2 Test Limit

Test items	Limit
RF output power	<p>Band n2/7/38/41: 2W EIRP, Band n5: 7W EIRP, Band 71: 3W EIRP Band n66, n77, n78: 1W EIRP</p>
Peak-to-Average Power Ratio	The peak-to-average ratio (PAR) of the transmission may not exceed 13 dB
Modulation Characteristics	N/A
26dB Emission Bandwidth 99% Occupied Bandwidth	N/A
<p>Out of Band Emission at Antenna Terminals</p> <p>Field Strength of Spurious Radiation</p>	<p>Band n2, n5, n66, n71, : The power of any emission outside of the authorized operating frequency ranges must be attenuated below the transmitting power (P) by a factor of at least $43 + 10 \log(P)$ dB.</p> <p>Band n7, n38, n41: For mobile digital stations, the attenuation factor shall be not less than $40 + 10 \log(P)$ dB on all frequencies between the channel edge and 5 megahertz from the channel edge, $43 + 10 \log(P)$ dB on all frequencies between 5 megahertz and X megahertz from the channel edge, and $55 + 10 \log(P)$ dB on all frequencies more than X megahertz from the channel edge, where X is the greater of 6 megahertz or the actual emission bandwidth as defined in paragraph (m)(6) of this section. In addition, the attenuation factor shall not be less than $43 + 10 \log(P)$ dB on all frequencies between 2490.5 MHz and 2496 MHz and $55 + 10 \log(P)$ dB at or below 2490.5 MHz. Mobile Satellite Service licensees operating on frequencies below 2495 MHz may also submit a documented interference complaint against BRS licensees operating on channel BRS Channel 1 on the same terms and conditions as adjacent channel BRS or EBS licensees.</p> <p>Band n77, n78: For mobile operations in the 3450-3550 MHz band, the conducted power of any emission outside the licensee's authorized bandwidth shall not exceed -13 dBm/MHz. Compliance with this paragraph (n)(2) is based on the use of measurement instrumentation employing a resolution bandwidth of 1 megahertz or greater. However, in the 1 megahertz bands immediately outside and adjacent to the licensee's frequency block, a resolution bandwidth of at least one percent of the emission bandwidth of the fundamental emission of the transmitter may be employed, but limited to a maximum of 200 kHz. In the bands between 1 and 5 MHz removed from the licensee's frequency block, the minimum resolution bandwidth for the measurement shall be 500 kHz. The emission bandwidth is defined as the width of the signal between two points, one below the carrier center frequency and one above the carrier center frequency, outside of which all emissions are attenuated at least 26 dB below the transmitter power.</p>

<p>Out of Band Emission at Antenna Terminals</p> <p>Field Strength of Spurious Radiation</p>	<p>For mobile operations in the 3700-3980 MHz band, the conducted power of any emission outside the licensee's authorized bandwidth shall not exceed -13 dBm/MHz. Compliance with this paragraph (l)(2) is based on the use of measurement instrumentation employing a resolution bandwidth of 1 megahertz or greater. However, in the 1 megahertz bands immediately outside and adjacent to the licensee's frequency block, the minimum resolution bandwidth for the measurement shall be either one percent of the emission bandwidth of the fundamental emission of the transmitter or 350 kHz. In the bands between 1 and 5 MHz removed from the licensee's frequency block, the minimum resolution bandwidth for the measurement shall be 500 kHz. The emission bandwidth is defined as the width of the signal between two points, one below the carrier center frequency and one above the carrier center frequency, outside of which all emissions are attenuated at least 26 dB below the transmitter power.</p>
<p>Frequency Stability vs. Temperature</p> <p>Frequency Stability vs. Voltage</p>	<p>The frequency stability shall be sufficient to ensure that the fundamental emissions stay within the authorized bands of operation.</p>

6.2 Test Results

6.2.1 RF Output Power Spot-check.

Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	Power (dBm)	EIRP (dBm)	Limit (dBm)	Verdict
n2	30	20	372000	25@12	DFT_BPSK	22.35	21.33	33	PASS
n2	30	20	372000	1@1	DFT_BPSK	22.80	21.78	33	PASS
n2	30	20	372000	1@49	DFT_BPSK	22.82	21.80	33	PASS
n2	30	20	372000	25@12	DFT_QPSK	22.64	21.62	33	PASS
n2	30	20	372000	1@1	DFT_QPSK	22.78	21.76	33	PASS
n2	30	20	372000	1@49	DFT_QPSK	22.80	21.78	33	PASS
n2	30	20	372000	25@12	DFT_QAM16	22.38	21.36	33	PASS
n2	30	20	372000	1@1	DFT_QAM16	21.75	20.73	33	PASS
n2	30	20	372000	1@49	DFT_QAM16	22.02	21.00	33	PASS
n2	30	20	372000	25@12	DFT_QAM64	20.67	19.65	33	PASS
n2	30	20	372000	1@1	DFT_QAM64	20.55	19.53	33	PASS
n2	30	20	372000	1@49	DFT_QAM64	20.75	19.73	33	PASS
n2	30	20	372000	25@12	DFT_QAM256	18.52	17.50	33	PASS
n2	30	20	372000	1@1	DFT_QAM256	18.42	17.40	33	PASS
n2	30	20	372000	1@49	DFT_QAM256	18.55	17.53	33	PASS
n2	30	20	372000	25@12	CP_QPSK	21.69	20.67	33	PASS
n2	30	20	372000	1@1	CP_QPSK	21.06	20.04	33	PASS
n2	30	20	372000	1@49	CP_QPSK	21.20	20.18	33	PASS
n2	30	20	372000	25@12	CP_QAM16	21.22	20.20	33	PASS
n2	30	20	372000	1@1	CP_QAM16	20.51	19.49	33	PASS
n2	30	20	372000	1@49	CP_QAM16	20.74	19.72	33	PASS
n2	30	20	372000	25@12	CP_QAM64	19.57	18.55	33	PASS
n2	30	20	372000	1@1	CP_QAM64	19.23	18.21	33	PASS
n2	30	20	372000	1@49	CP_QAM64	19.40	18.38	33	PASS
n2	30	20	372000	25@12	CP_QAM256	16.56	15.54	33	PASS
n2	30	20	372000	1@1	CP_QAM256	16.36	15.34	33	PASS
n2	30	20	372000	1@49	CP_QAM256	16.72	15.70	33	PASS
n2	30	20	376000	25@12	DFT_BPSK	22.23	21.21	33	PASS
n2	30	20	376000	1@1	DFT_BPSK	22.83	21.81	33	PASS
n2	30	20	376000	1@49	DFT_BPSK	22.55	21.53	33	PASS
n2	30	20	376000	25@12	DFT_QPSK	22.17	21.15	33	PASS
n2	30	20	376000	1@1	DFT_QPSK	22.77	21.75	33	PASS
n2	30	20	376000	1@49	DFT_QPSK	22.82	21.80	33	PASS
n2	30	20	376000	25@12	DFT_QAM16	22.15	21.13	33	PASS

n2	30	20	376000	1@1	DFT_QAM16	21.85	20.83	33	PASS
n2	30	20	376000	1@49	DFT_QAM16	21.95	20.93	33	PASS
n2	30	20	376000	25@12	DFT_QAM64	20.56	19.54	33	PASS
n2	30	20	376000	1@1	DFT_QAM64	20.21	19.19	33	PASS
n2	30	20	376000	1@49	DFT_QAM64	20.71	19.69	33	PASS
n2	30	20	376000	25@12	DFT_QAM256	18.49	17.47	33	PASS
n2	30	20	376000	1@1	DFT_QAM256	18.00	16.98	33	PASS
n2	30	20	376000	1@49	DFT_QAM256	18.11	17.09	33	PASS
n2	30	20	376000	25@12	CP_QPSK	21.60	20.58	33	PASS
n2	30	20	376000	1@1	CP_QPSK	21.10	20.08	33	PASS
n2	30	20	376000	1@49	CP_QPSK	21.10	20.08	33	PASS
n2	30	20	376000	25@12	CP_QAM16	21.06	20.04	33	PASS
n2	30	20	376000	1@1	CP_QAM16	21.03	20.01	33	PASS
n2	30	20	376000	1@49	CP_QAM16	20.86	19.84	33	PASS
n2	30	20	376000	25@12	CP_QAM64	19.49	18.47	33	PASS
n2	30	20	376000	1@1	CP_QAM64	19.52	18.50	33	PASS
n2	30	20	376000	1@49	CP_QAM64	19.98	18.96	33	PASS
n2	30	20	376000	25@12	CP_QAM256	16.42	15.40	33	PASS
n2	30	20	376000	1@1	CP_QAM256	16.67	15.65	33	PASS
n2	30	20	376000	1@49	CP_QAM256	16.67	15.65	33	PASS
n2	30	20	380000	25@12	DFT_BPSK	22.29	21.27	33	PASS
n2	30	20	380000	1@1	DFT_BPSK	22.98	21.96	33	PASS
n2	30	20	380000	1@49	DFT_BPSK	22.95	21.93	33	PASS
n2	30	20	380000	25@12	DFT_QPSK	22.40	21.38	33	PASS
n2	30	20	380000	1@1	DFT_QPSK	22.02	21.00	33	PASS
n2	30	20	380000	1@49	DFT_QPSK	22.96	21.94	33	PASS
n2	30	20	380000	25@12	DFT_QAM16	22.35	21.33	33	PASS
n2	30	20	380000	1@1	DFT_QAM16	21.91	20.89	33	PASS
n2	30	20	380000	1@49	DFT_QAM16	21.97	20.95	33	PASS
n2	30	20	380000	25@12	DFT_QAM64	20.60	19.58	33	PASS
n2	30	20	380000	1@1	DFT_QAM64	20.58	19.56	33	PASS
n2	30	20	380000	1@49	DFT_QAM64	20.39	19.37	33	PASS
n2	30	20	380000	25@12	DFT_QAM256	18.62	17.60	33	PASS
n2	30	20	380000	1@1	DFT_QAM256	17.95	16.93	33	PASS
n2	30	20	380000	1@49	DFT_QAM256	17.93	16.91	33	PASS
n2	30	20	380000	25@12	CP_QPSK	21.69	20.67	33	PASS
n2	30	20	380000	1@1	CP_QPSK	21.13	20.11	33	PASS
n2	30	20	380000	1@49	CP_QPSK	21.23	20.21	33	PASS

n2	30	20	380000	25@12	CP_QAM16	21.23	20.21	33	PASS
n2	30	20	380000	1@1	CP_QAM16	20.75	19.73	33	PASS
n2	30	20	380000	1@49	CP_QAM16	20.69	19.67	33	PASS
n2	30	20	380000	25@12	CP_QAM64	19.54	18.52	33	PASS
n2	30	20	380000	1@1	CP_QAM64	19.69	18.67	33	PASS
n2	30	20	380000	1@49	CP_QAM64	19.70	18.68	33	PASS
n2	30	20	380000	25@12	CP_QAM256	16.61	15.59	33	PASS
n2	30	20	380000	1@1	CP_QAM256	16.80	15.78	33	PASS
n2	30	20	380000	1@49	CP_QAM256	16.78	15.76	33	PASS

Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	Power (dBm)	ERP (dBm)	Limit (dBm)	Verdict
n5	30	20	166800	25@12	DFT_BPSK	23.14	15.19	38.5	PASS
n5	30	20	166800	1@1	DFT_BPSK	22.84	14.89	38.5	PASS
n5	30	20	166800	1@49	DFT_BPSK	22.88	14.93	38.5	PASS
n5	30	20	166800	25@12	DFT_QPSK	23.19	15.24	38.5	PASS
n5	30	20	166800	1@1	DFT_QPSK	22.77	14.82	38.5	PASS
n5	30	20	166800	1@49	DFT_QPSK	22.89	14.94	38.5	PASS
n5	30	20	166800	25@12	DFT_QAM16	22.18	14.23	38.5	PASS
n5	30	20	166800	1@1	DFT_QAM16	21.89	13.94	38.5	PASS
n5	30	20	166800	1@49	DFT_QAM16	22.15	14.20	38.5	PASS
n5	30	20	166800	25@12	DFT_QAM64	20.66	12.71	38.5	PASS
n5	30	20	166800	1@1	DFT_QAM64	20.78	12.83	38.5	PASS
n5	30	20	166800	1@49	DFT_QAM64	20.84	12.89	38.5	PASS
n5	30	20	166800	25@12	DFT_QAM256	18.62	10.67	38.5	PASS
n5	30	20	166800	1@1	DFT_QAM256	18.48	10.53	38.5	PASS
n5	30	20	166800	1@49	DFT_QAM256	18.57	10.62	38.5	PASS
n5	30	20	166800	25@12	CP_QPSK	21.76	13.81	38.5	PASS
n5	30	20	166800	1@1	CP_QPSK	21.36	13.41	38.5	PASS
n5	30	20	166800	1@49	CP_QPSK	21.51	13.56	38.5	PASS
n5	30	20	166800	25@12	CP_QAM16	21.21	13.26	38.5	PASS
n5	30	20	166800	1@1	CP_QAM16	20.99	13.04	38.5	PASS
n5	30	20	166800	1@49	CP_QAM16	21.13	13.18	38.5	PASS
n5	30	20	166800	25@12	CP_QAM64	19.61	11.66	38.5	PASS
n5	30	20	166800	1@1	CP_QAM64	19.53	11.58	38.5	PASS
n5	30	20	166800	1@49	CP_QAM64	19.39	11.44	38.5	PASS
n5	30	20	166800	25@12	CP_QAM256	16.72	8.77	38.5	PASS
n5	30	20	166800	1@1	CP_QAM256	16.65	8.70	38.5	PASS

n5	30	20	166800	1@49	CP_QAM256	16.79	8.84	38.5	PASS
n5	30	20	167300	25@12	DFT_BPSK	23.26	15.31	38.5	PASS
n5	30	20	167300	1@1	DFT_BPSK	22.89	14.94	38.5	PASS
n5	30	20	167300	1@49	DFT_BPSK	23.01	15.06	38.5	PASS
n5	30	20	167300	25@12	DFT_QPSK	23.25	15.30	38.5	PASS
n5	30	20	167300	1@1	DFT_QPSK	22.82	14.87	38.5	PASS
n5	30	20	167300	1@49	DFT_QPSK	22.84	14.89	38.5	PASS
n5	30	20	167300	25@12	DFT_QAM16	22.29	14.34	38.5	PASS
n5	30	20	167300	1@1	DFT_QAM16	22.02	14.07	38.5	PASS
n5	30	20	167300	1@49	DFT_QAM16	22.07	14.12	38.5	PASS
n5	30	20	167300	25@12	DFT_QAM64	20.60	12.65	38.5	PASS
n5	30	20	167300	1@1	DFT_QAM64	20.42	12.47	38.5	PASS
n5	30	20	167300	1@49	DFT_QAM64	20.48	12.53	38.5	PASS
n5	30	20	167300	25@12	DFT_QAM256	18.56	10.61	38.5	PASS
n5	30	20	167300	1@1	DFT_QAM256	18.50	10.55	38.5	PASS
n5	30	20	167300	1@49	DFT_QAM256	18.59	10.64	38.5	PASS
n5	30	20	167300	25@12	CP_QPSK	21.60	13.65	38.5	PASS
n5	30	20	167300	1@1	CP_QPSK	21.42	13.47	38.5	PASS
n5	30	20	167300	1@49	CP_QPSK	21.48	13.53	38.5	PASS
n5	30	20	167300	25@12	CP_QAM16	21.16	13.21	38.5	PASS
n5	30	20	167300	1@1	CP_QAM16	20.71	12.76	38.5	PASS
n5	30	20	167300	1@49	CP_QAM16	20.89	12.94	38.5	PASS
n5	30	20	167300	25@12	CP_QAM64	19.63	11.68	38.5	PASS
n5	30	20	167300	1@1	CP_QAM64	19.36	11.41	38.5	PASS
n5	30	20	167300	1@49	CP_QAM64	19.66	11.71	38.5	PASS
n5	30	20	167300	25@12	CP_QAM256	16.69	8.74	38.5	PASS
n5	30	20	167300	1@1	CP_QAM256	16.71	8.76	38.5	PASS
n5	30	20	167300	1@49	CP_QAM256	16.42	8.47	38.5	PASS
n5	30	20	167800	25@12	DFT_BPSK	23.20	15.25	38.5	PASS
n5	30	20	167800	1@1	DFT_BPSK	22.94	14.99	38.5	PASS
n5	30	20	167800	1@49	DFT_BPSK	23.05	15.10	38.5	PASS
n5	30	20	167800	25@12	DFT_QPSK	23.23	15.28	38.5	PASS
n5	30	20	167800	1@1	DFT_QPSK	22.81	14.86	38.5	PASS
n5	30	20	167800	1@49	DFT_QPSK	22.83	14.88	38.5	PASS
n5	30	20	167800	25@12	DFT_QAM16	22.20	14.25	38.5	PASS
n5	30	20	167800	1@1	DFT_QAM16	22.05	14.10	38.5	PASS
n5	30	20	167800	1@49	DFT_QAM16	22.06	14.11	38.5	PASS
n5	30	20	167800	25@12	DFT_QAM64	20.71	12.76	38.5	PASS

n5	30	20	167800	1@1	DFT_QAM64	20.76	12.81	38.5	PASS
n5	30	20	167800	1@49	DFT_QAM64	20.54	12.59	38.5	PASS
n5	30	20	167800	25@12	DFT_QAM256	18.62	10.67	38.5	PASS
n5	30	20	167800	1@1	DFT_QAM256	18.59	10.64	38.5	PASS
n5	30	20	167800	1@49	DFT_QAM256	18.63	10.68	38.5	PASS
n5	30	20	167800	25@12	CP_QPSK	21.63	13.68	38.5	PASS
n5	30	20	167800	1@1	CP_QPSK	21.54	13.59	38.5	PASS
n5	30	20	167800	1@49	CP_QPSK	21.53	13.58	38.5	PASS
n5	30	20	167800	25@12	CP_QAM16	21.16	13.21	38.5	PASS
n5	30	20	167800	1@1	CP_QAM16	20.85	12.90	38.5	PASS
n5	30	20	167800	1@49	CP_QAM16	21.20	13.25	38.5	PASS
n5	30	20	167800	25@12	CP_QAM64	19.62	11.67	38.5	PASS
n5	30	20	167800	1@1	CP_QAM64	19.64	11.69	38.5	PASS
n5	30	20	167800	1@49	CP_QAM64	19.83	11.88	38.5	PASS
n5	30	20	167800	25@12	CP_QAM256	16.63	8.68	38.5	PASS
n5	30	20	167800	1@1	CP_QAM256	16.82	8.87	38.5	PASS
n5	30	20	167800	1@49	CP_QAM256	16.56	8.61	38.5	PASS

Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	Power (dBm)	EIRP (dBm)	Limit (dBm)	Verdict
n7	30	10	501000	12@6	DFT_BPSK	23.46	21.75	33	PASS
n7	30	10	501000	1@1	DFT_BPSK	23.37	21.66	33	PASS
n7	30	10	501000	1@22	DFT_BPSK	23.36	21.65	33	PASS
n7	30	10	501000	12@6	DFT_QPSK	23.42	21.71	33	PASS
n7	30	10	501000	1@1	DFT_QPSK	23.24	21.53	33	PASS
n7	30	10	501000	1@22	DFT_QPSK	23.30	21.59	33	PASS
n7	30	10	501000	12@6	DFT_QAM16	22.43	20.72	33	PASS
n7	30	10	501000	1@1	DFT_QAM16	22.34	20.63	33	PASS
n7	30	10	501000	1@22	DFT_QAM16	22.37	20.66	33	PASS
n7	30	10	501000	12@6	DFT_QAM64	20.94	19.23	33	PASS
n7	30	10	501000	1@1	DFT_QAM64	20.85	19.14	33	PASS
n7	30	10	501000	1@22	DFT_QAM64	21.24	19.53	33	PASS
n7	30	10	501000	12@6	DFT_QAM256	19.00	17.29	33	PASS
n7	30	10	501000	1@1	DFT_QAM256	18.55	16.84	33	PASS
n7	30	10	501000	1@22	DFT_QAM256	19.04	17.33	33	PASS
n7	30	10	501000	12@6	CP_QPSK	21.98	20.27	33	PASS
n7	30	10	501000	1@1	CP_QPSK	22.08	20.37	33	PASS
n7	30	10	501000	1@22	CP_QPSK	22.11	20.40	33	PASS

n7	30	10	501000	12@6	CP_QAM16	21.37	19.66	33	PASS
n7	30	10	501000	1@1	CP_QAM16	21.08	19.37	33	PASS
n7	30	10	501000	1@22	CP_QAM16	21.12	19.41	33	PASS
n7	30	10	501000	12@6	CP_QAM64	19.91	18.20	33	PASS
n7	30	10	501000	1@1	CP_QAM64	20.22	18.51	33	PASS
n7	30	10	501000	1@22	CP_QAM64	20.13	18.42	33	PASS
n7	30	10	501000	12@6	CP_QAM256	16.91	15.20	33	PASS
n7	30	10	501000	1@1	CP_QAM256	17.07	15.36	33	PASS
n7	30	10	501000	1@22	CP_QAM256	16.66	14.95	33	PASS
n7	30	10	507000	12@6	DFT_BPSK	22.99	21.28	33	PASS
n7	30	10	507000	1@1	DFT_BPSK	22.99	21.28	33	PASS
n7	30	10	507000	1@22	DFT_BPSK	23.09	21.38	33	PASS
n7	30	10	507000	12@6	DFT_QPSK	23.07	21.36	33	PASS
n7	30	10	507000	1@1	DFT_QPSK	22.82	21.11	33	PASS
n7	30	10	507000	1@22	DFT_QPSK	22.91	21.20	33	PASS
n7	30	10	507000	12@6	DFT_QAM16	22.01	20.30	33	PASS
n7	30	10	507000	1@1	DFT_QAM16	21.89	20.18	33	PASS
n7	30	10	507000	1@22	DFT_QAM16	21.97	20.26	33	PASS
n7	30	10	507000	12@6	DFT_QAM64	20.51	18.80	33	PASS
n7	30	10	507000	1@1	DFT_QAM64	20.62	18.91	33	PASS
n7	30	10	507000	1@22	DFT_QAM64	20.80	19.09	33	PASS
n7	30	10	507000	12@6	DFT_QAM256	18.64	16.93	33	PASS
n7	30	10	507000	1@1	DFT_QAM256	18.61	16.90	33	PASS
n7	30	10	507000	1@22	DFT_QAM256	18.75	17.04	33	PASS
n7	30	10	507000	12@6	CP_QPSK	21.52	19.81	33	PASS
n7	30	10	507000	1@1	CP_QPSK	21.60	19.89	33	PASS
n7	30	10	507000	1@22	CP_QPSK	21.74	20.03	33	PASS
n7	30	10	507000	12@6	CP_QAM16	20.96	19.25	33	PASS
n7	30	10	507000	1@1	CP_QAM16	20.68	18.97	33	PASS
n7	30	10	507000	1@22	CP_QAM16	20.74	19.03	33	PASS
n7	30	10	507000	12@6	CP_QAM64	19.46	17.75	33	PASS
n7	30	10	507000	1@1	CP_QAM64	19.62	17.91	33	PASS
n7	30	10	507000	1@22	CP_QAM64	19.72	18.01	33	PASS
n7	30	10	507000	12@6	CP_QAM256	16.44	14.73	33	PASS
n7	30	10	507000	1@1	CP_QAM256	16.63	14.92	33	PASS
n7	30	10	507000	1@22	CP_QAM256	16.32	14.61	33	PASS
n7	30	10	513000	12@6	DFT_BPSK	23.55	21.84	33	PASS
n7	30	10	513000	1@1	DFT_BPSK	23.48	21.77	33	PASS

n7	30	10	513000	1@22	DFT_BPSK	23.51	21.80	33	PASS
n7	30	10	513000	12@6	DFT_QPSK	23.59	21.88	33	PASS
n7	30	10	513000	1@1	DFT_QPSK	23.39	21.68	33	PASS
n7	30	10	513000	1@22	DFT_QPSK	23.40	21.69	33	PASS
n7	30	10	513000	12@6	DFT_QAM16	22.62	20.91	33	PASS
n7	30	10	513000	1@1	DFT_QAM16	22.49	20.78	33	PASS
n7	30	10	513000	1@22	DFT_QAM16	22.50	20.79	33	PASS
n7	30	10	513000	12@6	DFT_QAM64	21.07	19.36	33	PASS
n7	30	10	513000	1@1	DFT_QAM64	21.27	19.56	33	PASS
n7	30	10	513000	1@22	DFT_QAM64	21.52	19.81	33	PASS
n7	30	10	513000	12@6	DFT_QAM256	19.12	17.41	33	PASS
n7	30	10	513000	1@1	DFT_QAM256	18.49	16.78	33	PASS
n7	30	10	513000	1@22	DFT_QAM256	19.23	17.52	33	PASS
n7	30	10	513000	12@6	CP_QPSK	22.04	20.33	33	PASS
n7	30	10	513000	1@1	CP_QPSK	22.23	20.52	33	PASS
n7	30	10	513000	1@22	CP_QPSK	22.33	20.62	33	PASS
n7	30	10	513000	12@6	CP_QAM16	21.48	19.77	33	PASS
n7	30	10	513000	1@1	CP_QAM16	21.32	19.61	33	PASS
n7	30	10	513000	1@22	CP_QAM16	21.32	19.61	33	PASS
n7	30	10	513000	12@6	CP_QAM64	20.03	18.32	33	PASS
n7	30	10	513000	1@1	CP_QAM64	19.76	18.05	33	PASS
n7	30	10	513000	1@22	CP_QAM64	19.88	18.17	33	PASS
n7	30	10	513000	12@6	CP_QAM256	16.98	15.27	33	PASS
n7	30	10	513000	1@1	CP_QAM256	16.76	15.05	33	PASS
n7	30	10	513000	1@22	CP_QAM256	17.19	15.48	33	PASS
n7	30	15	501500	18@9	DFT_BPSK	23.39	21.68	33	PASS
n7	30	15	501500	1@1	DFT_BPSK	23.30	21.59	33	PASS
n7	30	15	501500	1@36	DFT_BPSK	23.21	21.50	33	PASS
n7	30	15	501500	18@9	DFT_QPSK	23.38	21.67	33	PASS
n7	30	15	501500	1@1	DFT_QPSK	23.19	21.48	33	PASS
n7	30	15	501500	1@36	DFT_QPSK	23.07	21.36	33	PASS
n7	30	15	501500	18@9	DFT_QAM16	22.36	20.65	33	PASS
n7	30	15	501500	1@1	DFT_QAM16	22.38	20.67	33	PASS
n7	30	15	501500	1@36	DFT_QAM16	22.24	20.53	33	PASS
n7	30	15	501500	18@9	DFT_QAM64	20.86	19.15	33	PASS
n7	30	15	501500	1@1	DFT_QAM64	21.30	19.59	33	PASS
n7	30	15	501500	1@36	DFT_QAM64	20.95	19.24	33	PASS
n7	30	15	501500	18@9	DFT_QAM256	18.98	17.27	33	PASS

n7	30	15	501500	1@1	DFT_QAM256	18.29	16.58	33	PASS
n7	30	15	501500	1@36	DFT_QAM256	18.28	16.57	33	PASS
n7	30	15	501500	19@9	CP_QPSK	21.86	20.15	33	PASS
n7	30	15	501500	1@1	CP_QPSK	22.18	20.47	33	PASS
n7	30	15	501500	1@36	CP_QPSK	22.02	20.31	33	PASS
n7	30	15	501500	19@9	CP_QAM16	21.35	19.64	33	PASS
n7	30	15	501500	1@1	CP_QAM16	21.05	19.34	33	PASS
n7	30	15	501500	1@36	CP_QAM16	21.03	19.32	33	PASS
n7	30	15	501500	19@9	CP_QAM64	19.74	18.03	33	PASS
n7	30	15	501500	1@1	CP_QAM64	19.97	18.26	33	PASS
n7	30	15	501500	1@36	CP_QAM64	19.55	17.84	33	PASS
n7	30	15	501500	19@9	CP_QAM256	16.90	15.19	33	PASS
n7	30	15	501500	1@1	CP_QAM256	16.65	14.94	33	PASS
n7	30	15	501500	1@36	CP_QAM256	16.91	15.20	33	PASS
n7	30	15	507000	18@9	DFT_BPSK	22.99	21.28	33	PASS
n7	30	15	507000	1@1	DFT_BPSK	22.89	21.18	33	PASS
n7	30	15	507000	1@36	DFT_BPSK	23.05	21.34	33	PASS
n7	30	15	507000	18@9	DFT_QPSK	23.01	21.30	33	PASS
n7	30	15	507000	1@1	DFT_QPSK	22.75	21.04	33	PASS
n7	30	15	507000	1@36	DFT_QPSK	22.97	21.26	33	PASS
n7	30	15	507000	18@9	DFT_QAM16	22.04	20.33	33	PASS
n7	30	15	507000	1@1	DFT_QAM16	22.05	20.34	33	PASS
n7	30	15	507000	1@36	DFT_QAM16	22.09	20.38	33	PASS
n7	30	15	507000	18@9	DFT_QAM64	20.49	18.78	33	PASS
n7	30	15	507000	1@1	DFT_QAM64	20.78	19.07	33	PASS
n7	30	15	507000	1@36	DFT_QAM64	20.79	19.08	33	PASS
n7	30	15	507000	18@9	DFT_QAM256	18.50	16.79	33	PASS
n7	30	15	507000	1@1	DFT_QAM256	18.60	16.89	33	PASS
n7	30	15	507000	1@36	DFT_QAM256	18.82	17.11	33	PASS
n7	30	15	507000	19@9	CP_QPSK	21.50	19.79	33	PASS
n7	30	15	507000	1@1	CP_QPSK	21.38	19.67	33	PASS
n7	30	15	507000	1@36	CP_QPSK	21.74	20.03	33	PASS
n7	30	15	507000	19@9	CP_QAM16	20.97	19.26	33	PASS
n7	30	15	507000	1@1	CP_QAM16	20.98	19.27	33	PASS
n7	30	15	507000	1@36	CP_QAM16	20.94	19.23	33	PASS
n7	30	15	507000	19@9	CP_QAM64	19.63	17.92	33	PASS
n7	30	15	507000	1@1	CP_QAM64	19.36	17.65	33	PASS
n7	30	15	507000	1@36	CP_QAM64	19.45	17.74	33	PASS

n7	30	15	507000	19@9	CP_QAM256	16.42	14.71	33	PASS
n7	30	15	507000	1@1	CP_QAM256	16.17	14.46	33	PASS
n7	30	15	507000	1@36	CP_QAM256	16.84	15.13	33	PASS
n7	30	15	512500	18@9	DFT_BPSK	23.55	21.84	33	PASS
n7	30	15	512500	1@1	DFT_BPSK	23.42	21.71	33	PASS
n7	30	15	512500	1@36	DFT_BPSK	23.55	21.84	33	PASS
n7	30	15	512500	18@9	DFT_QPSK	23.52	21.81	33	PASS
n7	30	15	512500	1@1	DFT_QPSK	23.24	21.53	33	PASS
n7	30	15	512500	1@36	DFT_QPSK	23.40	21.69	33	PASS
n7	30	15	512500	18@9	DFT_QAM16	22.57	20.86	33	PASS
n7	30	15	512500	1@1	DFT_QAM16	22.60	20.89	33	PASS
n7	30	15	512500	1@36	DFT_QAM16	22.59	20.88	33	PASS
n7	30	15	512500	18@9	DFT_QAM64	20.99	19.28	33	PASS
n7	30	15	512500	1@1	DFT_QAM64	21.36	19.65	33	PASS
n7	30	15	512500	1@36	DFT_QAM64	21.29	19.58	33	PASS
n7	30	15	512500	18@9	DFT_QAM256	19.15	17.44	33	PASS
n7	30	15	512500	1@1	DFT_QAM256	19.14	17.43	33	PASS
n7	30	15	512500	1@36	DFT_QAM256	19.24	17.53	33	PASS
n7	30	15	512500	19@9	CP_QPSK	21.98	20.27	33	PASS
n7	30	15	512500	1@1	CP_QPSK	22.04	20.33	33	PASS
n7	30	15	512500	1@36	CP_QPSK	22.14	20.43	33	PASS
n7	30	15	512500	19@9	CP_QAM16	21.50	19.79	33	PASS
n7	30	15	512500	1@1	CP_QAM16	21.57	19.86	33	PASS
n7	30	15	512500	1@36	CP_QAM16	21.64	19.93	33	PASS
n7	30	15	512500	19@9	CP_QAM64	20.08	18.37	33	PASS
n7	30	15	512500	1@1	CP_QAM64	19.82	18.11	33	PASS
n7	30	15	512500	1@36	CP_QAM64	19.95	18.24	33	PASS
n7	30	15	512500	19@9	CP_QAM256	16.93	15.22	33	PASS
n7	30	15	512500	1@1	CP_QAM256	16.70	14.99	33	PASS
n7	30	15	512500	1@36	CP_QAM256	16.86	15.15	33	PASS
n7	30	20	502000	25@12	DFT_BPSK	23.37	21.66	33	PASS
n7	30	20	502000	1@1	DFT_BPSK	23.26	21.55	33	PASS
n7	30	20	502000	1@49	DFT_BPSK	23.11	21.40	33	PASS
n7	30	20	502000	25@12	DFT_QPSK	23.28	21.57	33	PASS
n7	30	20	502000	1@1	DFT_QPSK	23.23	21.52	33	PASS
n7	30	20	502000	1@49	DFT_QPSK	22.94	21.23	33	PASS
n7	30	20	502000	25@12	DFT_QAM16	22.44	20.73	33	PASS
n7	30	20	502000	1@1	DFT_QAM16	22.19	20.48	33	PASS

n7	30	20	502000	1@49	DFT_QAM16	21.88	20.17	33	PASS
n7	30	20	502000	25@12	DFT_QAM64	20.84	19.13	33	PASS
n7	30	20	502000	1@1	DFT_QAM64	20.44	18.73	33	PASS
n7	30	20	502000	1@49	DFT_QAM64	20.16	18.45	33	PASS
n7	30	20	502000	25@12	DFT_QAM256	18.75	17.04	33	PASS
n7	30	20	502000	1@1	DFT_QAM256	18.63	16.92	33	PASS
n7	30	20	502000	1@49	DFT_QAM256	18.39	16.68	33	PASS
n7	30	20	502000	25@12	CP_QPSK	21.75	20.04	33	PASS
n7	30	20	502000	1@1	CP_QPSK	21.72	20.01	33	PASS
n7	30	20	502000	1@49	CP_QPSK	21.66	19.95	33	PASS
n7	30	20	502000	25@12	CP_QAM16	21.29	19.58	33	PASS
n7	30	20	502000	1@1	CP_QAM16	21.00	19.29	33	PASS
n7	30	20	502000	1@49	CP_QAM16	20.84	19.13	33	PASS
n7	30	20	502000	25@12	CP_QAM64	19.75	18.04	33	PASS
n7	30	20	502000	1@1	CP_QAM64	19.73	18.02	33	PASS
n7	30	20	502000	1@49	CP_QAM64	19.54	17.83	33	PASS
n7	30	20	502000	25@12	CP_QAM256	16.79	15.08	33	PASS
n7	30	20	502000	1@1	CP_QAM256	16.77	15.06	33	PASS
n7	30	20	502000	1@49	CP_QAM256	16.61	14.90	33	PASS
n7	30	20	507000	25@12	DFT_BPSK	23.03	21.32	33	PASS
n7	30	20	507000	1@1	DFT_BPSK	22.83	21.12	33	PASS
n7	30	20	507000	1@49	DFT_BPSK	23.13	21.42	33	PASS
n7	30	20	507000	25@12	DFT_QPSK	23.05	21.34	33	PASS
n7	30	20	507000	1@1	DFT_QPSK	22.73	21.02	33	PASS
n7	30	20	507000	1@49	DFT_QPSK	22.94	21.23	33	PASS
n7	30	20	507000	25@12	DFT_QAM16	22.00	20.29	33	PASS
n7	30	20	507000	1@1	DFT_QAM16	21.81	20.10	33	PASS
n7	30	20	507000	1@49	DFT_QAM16	21.98	20.27	33	PASS
n7	30	20	507000	25@12	DFT_QAM64	20.47	18.76	33	PASS
n7	30	20	507000	1@1	DFT_QAM64	20.46	18.75	33	PASS
n7	30	20	507000	1@49	DFT_QAM64	20.55	18.84	33	PASS
n7	30	20	507000	25@12	DFT_QAM256	18.50	16.79	33	PASS
n7	30	20	507000	1@1	DFT_QAM256	17.93	16.22	33	PASS
n7	30	20	507000	1@49	DFT_QAM256	18.22	16.51	33	PASS
n7	30	20	507000	25@12	CP_QPSK	21.49	19.78	33	PASS
n7	30	20	507000	1@1	CP_QPSK	21.59	19.88	33	PASS
n7	30	20	507000	1@49	CP_QPSK	21.86	20.15	33	PASS
n7	30	20	507000	25@12	CP_QAM16	20.93	19.22	33	PASS

n7	30	20	507000	1@1	CP_QAM16	20.67	18.96	33	PASS
n7	30	20	507000	1@49	CP_QAM16	20.83	19.12	33	PASS
n7	30	20	507000	25@12	CP_QAM64	19.46	17.75	33	PASS
n7	30	20	507000	1@1	CP_QAM64	19.32	17.61	33	PASS
n7	30	20	507000	1@49	CP_QAM64	19.56	17.85	33	PASS
n7	30	20	507000	25@12	CP_QAM256	16.34	14.63	33	PASS
n7	30	20	507000	1@1	CP_QAM256	16.47	14.76	33	PASS
n7	30	20	507000	1@49	CP_QAM256	16.62	14.91	33	PASS
n7	30	20	512000	25@12	DFT_BPSK	23.52	21.81	33	PASS
n7	30	20	512000	1@1	DFT_BPSK	23.28	21.57	33	PASS
n7	30	20	512000	1@49	DFT_BPSK	23.43	21.72	33	PASS
n7	30	20	512000	25@12	DFT_QPSK	23.58	21.87	33	PASS
n7	30	20	512000	1@1	DFT_QPSK	23.18	21.47	33	PASS
n7	30	20	512000	1@49	DFT_QPSK	23.26	21.55	33	PASS
n7	30	20	512000	25@12	DFT_QAM16	22.57	20.86	33	PASS
n7	30	20	512000	1@1	DFT_QAM16	22.35	20.64	33	PASS
n7	30	20	512000	1@49	DFT_QAM16	22.46	20.75	33	PASS
n7	30	20	512000	25@12	DFT_QAM64	21.00	19.29	33	PASS
n7	30	20	512000	1@1	DFT_QAM64	21.29	19.58	33	PASS
n7	30	20	512000	1@49	DFT_QAM64	21.43	19.72	33	PASS
n7	30	20	512000	25@12	DFT_QAM256	18.97	17.26	33	PASS
n7	30	20	512000	1@1	DFT_QAM256	18.25	16.54	33	PASS
n7	30	20	512000	1@49	DFT_QAM256	18.43	16.72	33	PASS
n7	30	20	512000	25@12	CP_QPSK	21.92	20.21	33	PASS
n7	30	20	512000	1@1	CP_QPSK	22.19	20.48	33	PASS
n7	30	20	512000	1@49	CP_QPSK	22.36	20.65	33	PASS
n7	30	20	512000	25@12	CP_QAM16	21.45	19.74	33	PASS
n7	30	20	512000	1@1	CP_QAM16	21.02	19.31	33	PASS
n7	30	20	512000	1@49	CP_QAM16	21.42	19.71	33	PASS
n7	30	20	512000	25@12	CP_QAM64	20.01	18.30	33	PASS
n7	30	20	512000	1@1	CP_QAM64	19.62	17.91	33	PASS
n7	30	20	512000	1@49	CP_QAM64	19.78	18.07	33	PASS
n7	30	20	512000	25@12	CP_QAM256	16.89	15.18	33	PASS
n7	30	20	512000	1@1	CP_QAM256	16.52	14.81	33	PASS
n7	30	20	512000	1@49	CP_QAM256	17.20	15.49	33	PASS

Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	Power (dBm)	EIRP (dBm)	Limit (dBm)	Verdict
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n41	30	100	509202	135@67	DFT_BPSK	21.40	19.69	37	PASS
n41	30	100	509202	1@1	DFT_BPSK	20.42	18.71	37	PASS
n41	30	100	509202	1@271	DFT_BPSK	20.53	18.82	37	PASS
n41	30	100	509202	135@67	DFT_QPSK	21.26	19.55	37	PASS
n41	30	100	509202	1@1	DFT_QPSK	19.96	18.25	37	PASS
n41	30	100	509202	1@271	DFT_QPSK	20.40	18.69	37	PASS
n41	30	100	509202	135@67	DFT_QAM16	20.36	18.65	37	PASS
n41	30	100	509202	1@1	DFT_QAM16	19.26	17.55	37	PASS
n41	30	100	509202	1@271	DFT_QAM16	19.65	17.94	37	PASS
n41	30	100	509202	135@67	DFT_QAM64	18.85	17.14	37	PASS
n41	30	100	509202	1@1	DFT_QAM64	18.03	16.32	37	PASS
n41	30	100	509202	1@271	DFT_QAM64	17.98	16.27	37	PASS
n41	30	100	509202	135@67	DFT_QAM256	16.97	15.26	37	PASS
n41	30	100	509202	1@1	DFT_QAM256	15.90	14.19	37	PASS
n41	30	100	509202	1@271	DFT_QAM256	15.81	14.10	37	PASS
n41	30	100	509202	137@68	CP_QPSK	19.76	18.05	37	PASS
n41	30	100	509202	1@1	CP_QPSK	18.23	16.52	37	PASS
n41	30	100	509202	1@271	CP_QPSK	18.95	17.24	37	PASS
n41	30	100	509202	137@68	CP_QAM16	19.30	17.59	37	PASS
n41	30	100	509202	1@1	CP_QAM16	18.30	16.59	37	PASS
n41	30	100	509202	1@271	CP_QAM16	18.71	17.00	37	PASS
n41	30	100	509202	137@68	CP_QAM64	17.93	16.22	37	PASS
n41	30	100	509202	1@1	CP_QAM64	17.24	15.53	37	PASS
n41	30	100	509202	1@271	CP_QAM64	17.22	15.51	37	PASS
n41	30	100	509202	137@68	CP_QAM256	14.78	13.07	37	PASS
n41	30	100	509202	1@1	CP_QAM256	14.26	12.55	37	PASS
n41	30	100	509202	1@271	CP_QAM256	14.17	12.46	37	PASS
n41	30	100	518598	135@67	DFT_BPSK	21.42	19.71	37	PASS
n41	30	100	518598	1@1	DFT_BPSK	20.40	18.69	37	PASS
n41	30	100	518598	1@271	DFT_BPSK	20.38	18.67	37	PASS
n41	30	100	518598	135@67	DFT_QPSK	21.32	19.61	37	PASS
n41	30	100	518598	1@1	DFT_QPSK	20.30	18.59	37	PASS
n41	30	100	518598	1@271	DFT_QPSK	20.31	18.60	37	PASS
n41	30	100	518598	135@67	DFT_QAM16	20.38	18.67	37	PASS
n41	30	100	518598	1@1	DFT_QAM16	19.54	17.83	37	PASS
n41	30	100	518598	1@271	DFT_QAM16	19.56	17.85	37	PASS
n41	30	100	518598	135@67	DFT_QAM64	18.86	17.15	37	PASS
n41	30	100	518598	1@1	DFT_QAM64	17.83	16.12	37	PASS

n41	30	100	518598	1@271	DFT_QAM64	17.88	16.17	37	PASS
n41	30	100	518598	135@67	DFT_QAM256	16.91	15.20	37	PASS
n41	30	100	518598	1@1	DFT_QAM256	15.78	14.07	37	PASS
n41	30	100	518598	1@271	DFT_QAM256	15.83	14.12	37	PASS
n41	30	100	518598	137@68	CP_QPSK	19.80	18.09	37	PASS
n41	30	100	518598	1@1	CP_QPSK	19.08	17.37	37	PASS
n41	30	100	518598	1@271	CP_QPSK	19.10	17.39	37	PASS
n41	30	100	518598	137@68	CP_QAM16	19.37	17.66	37	PASS
n41	30	100	518598	1@1	CP_QAM16	18.74	17.03	37	PASS
n41	30	100	518598	1@271	CP_QAM16	18.72	17.01	37	PASS
n41	30	100	518598	137@68	CP_QAM64	17.92	16.21	37	PASS
n41	30	100	518598	1@1	CP_QAM64	17.16	15.45	37	PASS
n41	30	100	518598	1@271	CP_QAM64	17.21	15.50	37	PASS
n41	30	100	518598	137@68	CP_QAM256	14.86	13.15	37	PASS
n41	30	100	518598	1@1	CP_QAM256	14.03	12.32	37	PASS
n41	30	100	518598	1@271	CP_QAM256	14.09	12.38	37	PASS
n41	30	100	528000	135@67	DFT_BPSK	21.42	19.71	37	PASS
n41	30	100	528000	1@1	DFT_BPSK	20.63	18.92	37	PASS
n41	30	100	528000	1@271	DFT_BPSK	20.37	18.66	37	PASS
n41	30	100	528000	135@67	DFT_QPSK	21.35	19.64	37	PASS
n41	30	100	528000	1@1	DFT_QPSK	20.45	18.74	37	PASS
n41	30	100	528000	1@271	DFT_QPSK	20.15	18.44	37	PASS
n41	30	100	528000	135@67	DFT_QAM16	20.38	18.67	37	PASS
n41	30	100	528000	1@1	DFT_QAM16	19.99	18.28	37	PASS
n41	30	100	528000	1@271	DFT_QAM16	19.72	18.01	37	PASS
n41	30	100	528000	135@67	DFT_QAM64	18.92	17.21	37	PASS
n41	30	100	528000	1@1	DFT_QAM64	17.88	16.17	37	PASS
n41	30	100	528000	1@271	DFT_QAM64	17.77	16.06	37	PASS
n41	30	100	528000	135@67	DFT_QAM256	17.00	15.29	37	PASS
n41	30	100	528000	1@1	DFT_QAM256	15.78	14.07	37	PASS
n41	30	100	528000	1@271	DFT_QAM256	15.58	13.87	37	PASS
n41	30	100	528000	137@68	CP_QPSK	19.86	18.15	37	PASS
n41	30	100	528000	1@1	CP_QPSK	18.83	17.12	37	PASS
n41	30	100	528000	1@271	CP_QPSK	18.69	16.98	37	PASS
n41	30	100	528000	137@68	CP_QAM16	19.32	17.61	37	PASS
n41	30	100	528000	1@1	CP_QAM16	18.87	17.16	37	PASS
n41	30	100	528000	1@271	CP_QAM16	18.87	17.16	37	PASS
n41	30	100	528000	137@68	CP_QAM64	17.87	16.16	37	PASS

n41	30	100	528000	1@1	CP_QAM64	16.92	15.21	37	PASS
n41	30	100	528000	1@271	CP_QAM64	16.79	15.08	37	PASS
n41	30	100	528000	137@68	CP_QAM256	14.90	13.19	37	PASS
n41	30	100	528000	1@1	CP_QAM256	14.34	12.63	37	PASS
n41	30	100	528000	1@271	CP_QAM256	14.15	12.44	37	PASS

Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocatio n	Modulation	Power (dBm)	EIRP (dBm)	Limit (dBm)	Verdict
n66	30	20	344000	25@12	DFT_BPSK	22.14	21.12	30	PASS
n66	30	20	344000	1@1	DFT_BPSK	22.69	21.67	30	PASS
n66	30	20	344000	1@49	DFT_BPSK	22.81	21.79	30	PASS
n66	30	20	344000	25@12	DFT_QPSK	22.19	21.17	30	PASS
n66	30	20	344000	1@1	DFT_QPSK	22.62	21.6	30	PASS
n66	30	20	344000	1@49	DFT_QPSK	22.62	21.6	30	PASS
n66	30	20	344000	25@12	DFT_QAM16	22.14	21.12	30	PASS
n66	30	20	344000	1@1	DFT_QAM16	21.61	20.59	30	PASS
n66	30	20	344000	1@49	DFT_QAM16	21.70	20.68	30	PASS
n66	30	20	344000	25@12	DFT_QAM64	20.51	19.49	30	PASS
n66	30	20	344000	1@1	DFT_QAM64	20.48	19.46	30	PASS
n66	30	20	344000	1@49	DFT_QAM64	20.51	19.49	30	PASS
n66	30	20	344000	25@12	DFT_QAM256	18.39	17.37	30	PASS
n66	30	20	344000	1@1	DFT_QAM256	17.76	16.74	30	PASS
n66	30	20	344000	1@49	DFT_QAM256	18.27	17.25	30	PASS
n66	30	20	344000	25@12	CP_QPSK	21.55	20.53	30	PASS
n66	30	20	344000	1@1	CP_QPSK	21.01	19.99	30	PASS
n66	30	20	344000	1@49	CP_QPSK	21.02	20	30	PASS
n66	30	20	344000	25@12	CP_QAM16	21.04	20.02	30	PASS
n66	30	20	344000	1@1	CP_QAM16	20.76	19.74	30	PASS
n66	30	20	344000	1@49	CP_QAM16	20.96	19.94	30	PASS
n66	30	20	344000	25@12	CP_QAM64	19.38	18.36	30	PASS
n66	30	20	344000	1@1	CP_QAM64	19.62	18.6	30	PASS
n66	30	20	344000	1@49	CP_QAM64	19.68	18.66	30	PASS
n66	30	20	344000	25@12	CP_QAM256	16.41	15.39	30	PASS
n66	30	20	344000	1@1	CP_QAM256	16.37	15.35	30	PASS
n66	30	20	344000	1@49	CP_QAM256	16.37	15.35	30	PASS
n66	30	20	349000	25@12	DFT_BPSK	22.28	21.26	30	PASS
n66	30	20	349000	1@1	DFT_BPSK	22.92	21.9	30	PASS

n66	30	20	349000	1@49	DFT_BPSK	22.91	21.89	30	PASS
n66	30	20	349000	25@12	DFT_QPSK	22.26	21.24	30	PASS
n66	30	20	349000	1@1	DFT_QPSK	22.87	21.85	30	PASS
n66	30	20	349000	1@49	DFT_QPSK	22.85	21.83	30	PASS
n66	30	20	349000	25@12	DFT_QAM16	22.28	21.26	30	PASS
n66	30	20	349000	1@1	DFT_QAM16	21.83	20.81	30	PASS
n66	30	20	349000	1@49	DFT_QAM16	21.93	20.91	30	PASS
n66	30	20	349000	25@12	DFT_QAM64	20.55	19.53	30	PASS
n66	30	20	349000	1@1	DFT_QAM64	20.33	19.31	30	PASS
n66	30	20	349000	1@49	DFT_QAM64	20.41	19.39	30	PASS
n66	30	20	349000	25@12	DFT_QAM256	18.58	17.56	30	PASS
n66	30	20	349000	1@1	DFT_QAM256	17.90	16.88	30	PASS
n66	30	20	349000	1@49	DFT_QAM256	18.56	17.54	30	PASS
n66	30	20	349000	25@12	CP_QPSK	21.63	20.61	30	PASS
n66	30	20	349000	1@1	CP_QPSK	21.22	20.2	30	PASS
n66	30	20	349000	1@49	CP_QPSK	21.27	20.25	30	PASS
n66	30	20	349000	25@12	CP_QAM16	21.09	20.07	30	PASS
n66	30	20	349000	1@1	CP_QAM16	20.65	19.63	30	PASS
n66	30	20	349000	1@49	CP_QAM16	20.99	19.97	30	PASS
n66	30	20	349000	25@12	CP_QAM64	19.51	18.49	30	PASS
n66	30	20	349000	1@1	CP_QAM64	19.29	18.27	30	PASS
n66	30	20	349000	1@49	CP_QAM64	19.29	18.27	30	PASS
n66	30	20	349000	25@12	CP_QAM256	16.49	15.47	30	PASS
n66	30	20	349000	1@1	CP_QAM256	16.27	15.25	30	PASS
n66	30	20	349000	1@49	CP_QAM256	16.71	15.69	30	PASS
n66	30	20	354000	25@12	DFT_BPSK	23.17	22.15	30	PASS
n66	30	20	354000	1@1	DFT_BPSK	22.78	21.76	30	PASS
n66	30	20	354000	1@49	DFT_BPSK	22.79	21.77	30	PASS
n66	30	20	354000	25@12	DFT_QPSK	22.21	21.19	30	PASS
n66	30	20	354000	1@1	DFT_QPSK	22.75	21.73	30	PASS
n66	30	20	354000	1@49	DFT_QPSK	22.78	21.76	30	PASS
n66	30	20	354000	25@12	DFT_QAM16	22.15	21.13	30	PASS
n66	30	20	354000	1@1	DFT_QAM16	21.76	20.74	30	PASS
n66	30	20	354000	1@49	DFT_QAM16	21.94	20.92	30	PASS
n66	30	20	354000	25@12	DFT_QAM64	20.56	19.54	30	PASS
n66	30	20	354000	1@1	DFT_QAM64	20.32	19.3	30	PASS
n66	30	20	354000	1@49	DFT_QAM64	20.58	19.56	30	PASS
n66	30	20	354000	25@12	DFT_QAM256	18.53	17.51	30	PASS

n66	30	20	354000	1@1	DFT_QAM256	18.48	17.46	30	PASS
n66	30	20	354000	1@49	DFT_QAM256	18.51	17.49	30	PASS
n66	30	20	354000	25@12	CP_QPSK	21.52	20.5	30	PASS
n66	30	20	354000	1@1	CP_QPSK	21.19	20.17	30	PASS
n66	30	20	354000	1@49	CP_QPSK	21.30	20.28	30	PASS
n66	30	20	354000	25@12	CP_QAM16	21.17	20.15	30	PASS
n66	30	20	354000	1@1	CP_QAM16	20.71	19.69	30	PASS
n66	30	20	354000	1@49	CP_QAM16	21.04	20.02	30	PASS
n66	30	20	354000	25@12	CP_QAM64	19.59	18.57	30	PASS
n66	30	20	354000	1@1	CP_QAM64	19.53	18.51	30	PASS
n66	30	20	354000	1@49	CP_QAM64	19.30	18.28	30	PASS
n66	30	20	354000	25@12	CP_QAM256	16.42	15.4	30	PASS
n66	30	20	354000	1@1	CP_QAM256	16.15	15.13	30	PASS
n66	30	20	354000	1@49	CP_QAM256	16.29	15.27	30	PASS

Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	Power (dBm)	ERP (dBm)	Limit (dBm)	Verdict
n71	30	20	134600	25@12	DFT_BPSK	23.24	15.77	37	PASS
n71	30	20	134600	1@1	DFT_BPSK	23.10	15.63	37	PASS
n71	30	20	134600	1@49	DFT_BPSK	22.99	15.52	37	PASS
n71	30	20	134600	25@12	DFT_QPSK	23.26	15.79	37	PASS
n71	30	20	134600	1@1	DFT_QPSK	23.08	15.61	37	PASS
n71	30	20	134600	1@49	DFT_QPSK	22.90	15.43	37	PASS
n71	30	20	134600	25@12	DFT_QAM16	22.31	14.84	37	PASS
n71	30	20	134600	1@1	DFT_QAM16	22.15	14.68	37	PASS
n71	30	20	134600	1@49	DFT_QAM16	22.04	14.57	37	PASS
n71	30	20	134600	25@12	DFT_QAM64	20.69	13.22	37	PASS
n71	30	20	134600	1@1	DFT_QAM64	20.91	13.44	37	PASS
n71	30	20	134600	1@49	DFT_QAM64	20.82	13.35	37	PASS
n71	30	20	134600	25@12	DFT_QAM256	18.82	11.35	37	PASS
n71	30	20	134600	1@1	DFT_QAM256	18.55	11.08	37	PASS
n71	30	20	134600	1@49	DFT_QAM256	18.35	10.88	37	PASS
n71	30	20	134600	25@12	CP_QPSK	21.80	14.33	37	PASS
n71	30	20	134600	1@1	CP_QPSK	21.71	14.24	37	PASS
n71	30	20	134600	1@49	CP_QPSK	21.66	14.19	37	PASS
n71	30	20	134600	25@12	CP_QAM16	21.16	13.69	37	PASS
n71	30	20	134600	1@1	CP_QAM16	20.88	13.41	37	PASS
n71	30	20	134600	1@49	CP_QAM16	20.94	13.47	37	PASS

n71	30	20	134600	25@12	CP_QAM64	19.81	12.34	37	PASS
n71	30	20	134600	1@1	CP_QAM64	19.76	12.29	37	PASS
n71	30	20	134600	1@49	CP_QAM64	19.61	12.14	37	PASS
n71	30	20	134600	25@12	CP_QAM256	16.79	9.32	37	PASS
n71	30	20	134600	1@1	CP_QAM256	16.58	9.11	37	PASS
n71	30	20	134600	1@49	CP_QAM256	16.50	9.03	37	PASS
n71	30	20	136100	25@12	DFT_BPSK	23.14	15.67	37	PASS
n71	30	20	136100	1@1	DFT_BPSK	23.16	15.69	37	PASS
n71	30	20	136100	1@49	DFT_BPSK	23.03	15.56	37	PASS
n71	30	20	136100	25@12	DFT_QPSK	23.18	15.71	37	PASS
n71	30	20	136100	1@1	DFT_QPSK	22.98	15.51	37	PASS
n71	30	20	136100	1@49	DFT_QPSK	22.98	15.51	37	PASS
n71	30	20	136100	25@12	DFT_QAM16	22.34	14.87	37	PASS
n71	30	20	136100	1@1	DFT_QAM16	22.17	14.7	37	PASS
n71	30	20	136100	1@49	DFT_QAM16	22.14	14.67	37	PASS
n71	30	20	136100	25@12	DFT_QAM64	20.69	13.22	37	PASS
n71	30	20	136100	1@1	DFT_QAM64	20.58	13.11	37	PASS
n71	30	20	136100	1@49	DFT_QAM64	20.50	13.03	37	PASS
n71	30	20	136100	25@12	DFT_QAM256	18.76	11.29	37	PASS
n71	30	20	136100	1@1	DFT_QAM256	18.41	10.94	37	PASS
n71	30	20	136100	1@49	DFT_QAM256	18.36	10.89	37	PASS
n71	30	20	136100	25@12	CP_QPSK	21.63	14.16	37	PASS
n71	30	20	136100	1@1	CP_QPSK	21.73	14.26	37	PASS
n71	30	20	136100	1@49	CP_QPSK	21.80	14.33	37	PASS
n71	30	20	136100	25@12	CP_QAM16	21.14	13.67	37	PASS
n71	30	20	136100	1@1	CP_QAM16	20.92	13.45	37	PASS
n71	30	20	136100	1@49	CP_QAM16	20.89	13.42	37	PASS
n71	30	20	136100	25@12	CP_QAM64	19.81	12.34	37	PASS
n71	30	20	136100	1@1	CP_QAM64	19.73	12.26	37	PASS
n71	30	20	136100	1@49	CP_QAM64	19.54	12.07	37	PASS
n71	30	20	136100	25@12	CP_QAM256	16.77	9.3	37	PASS
n71	30	20	136100	1@1	CP_QAM256	16.50	9.03	37	PASS
n71	30	20	136100	1@49	CP_QAM256	16.76	9.29	37	PASS
n71	30	20	137600	25@12	DFT_BPSK	23.22	15.75	37	PASS
n71	30	20	137600	1@1	DFT_BPSK	22.99	15.52	37	PASS
n71	30	20	137600	1@49	DFT_BPSK	23.15	15.68	37	PASS
n71	30	20	137600	25@12	DFT_QPSK	23.25	15.78	37	PASS
n71	30	20	137600	1@1	DFT_QPSK	22.99	15.52	37	PASS

n71	30	20	137600	1@49	DFT_QPSK	23.06	15.59	37	PASS
n71	30	20	137600	25@12	DFT_QAM16	22.32	14.85	37	PASS
n71	30	20	137600	1@1	DFT_QAM16	22.14	14.67	37	PASS
n71	30	20	137600	1@49	DFT_QAM16	22.10	14.63	37	PASS
n71	30	20	137600	25@12	DFT_QAM64	20.66	13.19	37	PASS
n71	30	20	137600	1@1	DFT_QAM64	20.68	13.21	37	PASS
n71	30	20	137600	1@49	DFT_QAM64	20.82	13.35	37	PASS
n71	30	20	137600	25@12	DFT_QAM256	18.78	11.31	37	PASS
n71	30	20	137600	1@1	DFT_QAM256	18.86	11.39	37	PASS
n71	30	20	137600	1@49	DFT_QAM256	19.00	11.53	37	PASS
n71	30	20	137600	25@12	CP_QPSK	21.71	14.24	37	PASS
n71	30	20	137600	1@1	CP_QPSK	21.86	14.39	37	PASS
n71	30	20	137600	1@49	CP_QPSK	21.85	14.38	37	PASS
n71	30	20	137600	25@12	CP_QAM16	21.26	13.79	37	PASS
n71	30	20	137600	1@1	CP_QAM16	20.75	13.28	37	PASS
n71	30	20	137600	1@49	CP_QAM16	21.08	13.61	37	PASS
n71	30	20	137600	25@12	CP_QAM64	19.85	12.38	37	PASS
n71	30	20	137600	1@1	CP_QAM64	19.98	12.51	37	PASS
n71	30	20	137600	1@49	CP_QAM64	20.03	12.56	37	PASS
n71	30	20	137600	25@12	CP_QAM256	16.75	9.28	37	PASS
n71	30	20	137600	1@1	CP_QAM256	16.44	8.97	37	PASS
n71	30	20	137600	1@49	CP_QAM256	16.61	9.14	37	PASS

Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	Power (dBm)	EIRP (dBm)	Limit (dBm)	Verdict
n77(3450-3550)	30	50	631668	64@32	DFT_BPSK	23.37	22.23	30	PASS
n77(3450-3550)	30	50	631668	1@1	DFT_BPSK	22.93	21.79	30	PASS
n77(3450-3550)	30	50	631668	1@131	DFT_BPSK	23.07	21.93	30	PASS
n77(3450-3550)	30	50	631668	64@32	DFT_QPSK	23.36	22.22	30	PASS
n77(3450-3550)	30	50	631668	1@1	DFT_QPSK	22.90	21.76	30	PASS
n77(3450-3550)	30	50	631668	1@131	DFT_QPSK	22.95	21.81	30	PASS
n77(3450-3550)	30	50	631668	64@32	DFT_QAM16	22.30	21.16	30	PASS

n77(3450-3550)	30	50	631668	1@1	DFT_QAM16	21.88	20.74	30	PASS
n77(3450-3550)	30	50	631668	1@131	DFT_QAM16	21.91	20.77	30	PASS
n77(3450-3550)	30	50	631668	64@32	DFT_QAM64	20.84	19.70	30	PASS
n77(3450-3550)	30	50	631668	1@1	DFT_QAM64	20.82	19.68	30	PASS
n77(3450-3550)	30	50	631668	1@131	DFT_QAM64	20.88	19.74	30	PASS
n77(3450-3550)	30	50	631668	64@32	DFT_QAM256	18.88	17.74	30	PASS
n77(3450-3550)	30	50	631668	1@1	DFT_QAM256	18.68	17.54	30	PASS
n77(3450-3550)	30	50	631668	1@131	DFT_QAM256	18.88	17.74	30	PASS
n77(3450-3550)	30	50	631668	67@33	CP_QPSK	21.80	20.66	30	PASS
n77(3450-3550)	30	50	631668	1@1	CP_QPSK	21.45	20.31	30	PASS
n77(3450-3550)	30	50	631668	1@131	CP_QPSK	21.49	20.35	30	PASS
n77(3450-3550)	30	50	631668	67@33	CP_QAM16	21.31	20.17	30	PASS
n77(3450-3550)	30	50	631668	1@1	CP_QAM16	21.03	19.89	30	PASS
n77(3450-3550)	30	50	631668	1@131	CP_QAM16	20.97	19.83	30	PASS
n77(3450-3550)	30	50	631668	67@33	CP_QAM64	19.71	18.57	30	PASS
n77(3450-3550)	30	50	631668	1@1	CP_QAM64	19.33	18.19	30	PASS
n77(3450-3550)	30	50	631668	1@131	CP_QAM64	19.59	18.45	30	PASS
n77(3450-3550)	30	50	631668	67@33	CP_QAM256	16.94	15.80	30	PASS
n77(3450-3550)	30	50	631668	1@1	CP_QAM256	16.86	15.72	30	PASS
n77(3450-3550)	30	50	631668	1@131	CP_QAM256	16.97	15.83	30	PASS

3550)									
n77(3450-3550)	30	50	633334	64@32	DFT_BPSK	23.25	22.11	30	PASS
n77(3450-3550)	30	50	633334	1@1	DFT_BPSK	23.13	21.99	30	PASS
n77(3450-3550)	30	50	633334	1@131	DFT_BPSK	22.68	21.54	30	PASS
n77(3450-3550)	30	50	633334	64@32	DFT_QPSK	23.31	22.17	30	PASS
n77(3450-3550)	30	50	633334	1@1	DFT_QPSK	23.04	21.90	30	PASS
n77(3450-3550)	30	50	633334	1@131	DFT_QPSK	22.44	21.30	30	PASS
n77(3450-3550)	30	50	633334	64@32	DFT_QAM16	22.27	21.13	30	PASS
n77(3450-3550)	30	50	633334	1@1	DFT_QAM16	22.29	21.15	30	PASS
n77(3450-3550)	30	50	633334	1@131	DFT_QAM16	21.73	20.59	30	PASS
n77(3450-3550)	30	50	633334	64@32	DFT_QAM64	20.74	19.60	30	PASS
n77(3450-3550)	30	50	633334	1@1	DFT_QAM64	20.91	19.77	30	PASS
n77(3450-3550)	30	50	633334	1@131	DFT_QAM64	20.32	19.18	30	PASS
n77(3450-3550)	30	50	633334	64@32	DFT_QAM256	18.81	17.67	30	PASS
n77(3450-3550)	30	50	633334	1@1	DFT_QAM256	18.75	17.61	30	PASS
n77(3450-3550)	30	50	633334	1@131	DFT_QAM256	18.47	17.33	30	PASS
n77(3450-3550)	30	50	633334	67@33	CP_QPSK	21.75	20.61	30	PASS
n77(3450-3550)	30	50	633334	1@1	CP_QPSK	21.60	20.46	30	PASS
n77(3450-3550)	30	50	633334	1@131	CP_QPSK	21.06	19.92	30	PASS
n77(3450-3550)	30	50	633334	67@33	CP_QAM16	21.27	20.13	30	PASS

n77(3450-3550)	30	50	633334	1@1	CP_QAM16	21.24	20.10	30	PASS
n77(3450-3550)	30	50	633334	1@131	CP_QAM16	20.89	19.75	30	PASS
n77(3450-3550)	30	50	633334	67@33	CP_QAM64	19.72	18.58	30	PASS
n77(3450-3550)	30	50	633334	1@1	CP_QAM64	19.68	18.54	30	PASS
n77(3450-3550)	30	50	633334	1@131	CP_QAM64	19.19	18.05	30	PASS
n77(3450-3550)	30	50	633334	67@33	CP_QAM256	16.82	15.68	30	PASS
n77(3450-3550)	30	50	633334	1@1	CP_QAM256	17.22	16.08	30	PASS
n77(3450-3550)	30	50	633334	1@131	CP_QAM256	16.65	15.51	30	PASS
n77(3450-3550)	30	50	635000	64@32	DFT_BPSK	22.97	21.83	30	PASS
n77(3450-3550)	30	50	635000	1@1	DFT_BPSK	23.06	21.92	30	PASS
n77(3450-3550)	30	50	635000	1@131	DFT_BPSK	22.63	21.49	30	PASS
n77(3450-3550)	30	50	635000	64@32	DFT_QPSK	22.90	21.76	30	PASS
n77(3450-3550)	30	50	635000	1@1	DFT_QPSK	23.02	21.88	30	PASS
n77(3450-3550)	30	50	635000	1@131	DFT_QPSK	22.52	21.38	30	PASS
n77(3450-3550)	30	50	635000	64@32	DFT_QAM16	21.89	20.75	30	PASS
n77(3450-3550)	30	50	635000	1@1	DFT_QAM16	22.18	21.04	30	PASS
n77(3450-3550)	30	50	635000	1@131	DFT_QAM16	21.73	20.59	30	PASS
n77(3450-3550)	30	50	635000	64@32	DFT_QAM64	20.53	19.39	30	PASS
n77(3450-3550)	30	50	635000	1@1	DFT_QAM64	20.93	19.79	30	PASS
n77(3450-3550)	30	50	635000	1@131	DFT_QAM64	20.36	19.22	30	PASS

3550)									
n77(3450-3550)	30	50	635000	64@32	DFT_QAM256	18.48	17.34	30	PASS
n77(3450-3550)	30	50	635000	1@1	DFT_QAM256	18.79	17.65	30	PASS
n77(3450-3550)	30	50	635000	1@131	DFT_QAM256	18.26	17.12	30	PASS
n77(3450-3550)	30	50	635000	67@33	CP_QPSK	21.44	20.30	30	PASS
n77(3450-3550)	30	50	635000	1@1	CP_QPSK	21.54	20.40	30	PASS
n77(3450-3550)	30	50	635000	1@131	CP_QPSK	21.11	19.97	30	PASS
n77(3450-3550)	30	50	635000	67@33	CP_QAM16	20.89	19.75	30	PASS
n77(3450-3550)	30	50	635000	1@1	CP_QAM16	21.09	19.95	30	PASS
n77(3450-3550)	30	50	635000	1@131	CP_QAM16	20.53	19.39	30	PASS
n77(3450-3550)	30	50	635000	67@33	CP_QAM64	19.45	18.31	30	PASS
n77(3450-3550)	30	50	635000	1@1	CP_QAM64	19.80	18.66	30	PASS
n77(3450-3550)	30	50	635000	1@131	CP_QAM64	19.30	18.16	30	PASS
n77(3450-3550)	30	50	635000	67@33	CP_QAM256	16.52	15.38	30	PASS
n77(3450-3550)	30	50	635000	1@1	CP_QAM256	16.97	15.83	30	PASS
n77(3450-3550)	30	50	635000	1@131	CP_QAM256	16.45	15.31	30	PASS

Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	Power (dBm)	EIRP (dBm)	Limit (dBm)	Verdict
n77(3700-3980)	30	80	649334	108@54	DFT_BPSK	22.20	21.06	37	PASS
n77(3700-3980)	30	80	649334	1@1	DFT_BPSK	21.35	20.21	37	PASS
n77(3700-	30	80	649334	1@215	DFT_BPSK	21.37	20.23	37	PASS

3980)									
n77(3700-3980)	30	80	649334	108@54	DFT_QPSK	22.16	21.02	37	PASS
n77(3700-3980)	30	80	649334	1@1	DFT_QPSK	21.14	20.00	37	PASS
n77(3700-3980)	30	80	649334	1@215	DFT_QPSK	21.08	19.94	37	PASS
n77(3700-3980)	30	80	649334	108@54	DFT_QAM16	21.16	20.02	37	PASS
n77(3700-3980)	30	80	649334	1@1	DFT_QAM16	20.40	19.26	37	PASS
n77(3700-3980)	30	80	649334	1@215	DFT_QAM16	20.55	19.41	37	PASS
n77(3700-3980)	30	80	649334	108@54	DFT_QAM64	19.70	18.56	37	PASS
n77(3700-3980)	30	80	649334	1@1	DFT_QAM64	19.09	17.95	37	PASS
n77(3700-3980)	30	80	649334	1@215	DFT_QAM64	18.76	17.62	37	PASS
n77(3700-3980)	30	80	649334	108@54	DFT_QAM256	17.68	16.54	37	PASS
n77(3700-3980)	30	80	649334	1@1	DFT_QAM256	16.71	15.57	37	PASS
n77(3700-3980)	30	80	649334	1@215	DFT_QAM256	16.97	15.83	37	PASS
n77(3700-3980)	30	80	649334	109@54	CP_QPSK	20.61	19.47	37	PASS
n77(3700-3980)	30	80	649334	1@1	CP_QPSK	19.72	18.58	37	PASS
n77(3700-3980)	30	80	649334	1@215	CP_QPSK	19.73	18.59	37	PASS
n77(3700-3980)	30	80	649334	109@54	CP_QAM16	20.08	18.94	37	PASS
n77(3700-3980)	30	80	649334	1@1	CP_QAM16	19.25	18.11	37	PASS
n77(3700-3980)	30	80	649334	1@215	CP_QAM16	19.25	18.11	37	PASS
n77(3700-3980)	30	80	649334	109@54	CP_QAM64	18.65	17.51	37	PASS

n77(3700-3980)	30	80	649334	1@1	CP_QAM64	17.53	16.39	37	PASS
n77(3700-3980)	30	80	649334	1@215	CP_QAM64	18.02	16.88	37	PASS
n77(3700-3980)	30	80	649334	109@54	CP_QAM256	15.78	14.64	37	PASS
n77(3700-3980)	30	80	649334	1@1	CP_QAM256	15.27	14.13	37	PASS
n77(3700-3980)	30	80	649334	1@215	CP_QAM256	15.10	13.96	37	PASS
n77(3700-3980)	30	80	656000	108@54	DFT_BPSK	21.83	20.69	37	PASS
n77(3700-3980)	30	80	656000	1@1	DFT_BPSK	21.13	19.99	37	PASS
n77(3700-3980)	30	80	656000	1@215	DFT_BPSK	21.66	20.52	37	PASS
n77(3700-3980)	30	80	656000	108@54	DFT_QPSK	21.85	20.71	37	PASS
n77(3700-3980)	30	80	656000	1@1	DFT_QPSK	20.93	19.79	37	PASS
n77(3700-3980)	30	80	656000	1@215	DFT_QPSK	21.49	20.35	37	PASS
n77(3700-3980)	30	80	656000	108@54	DFT_QAM16	20.84	19.70	37	PASS
n77(3700-3980)	30	80	656000	1@1	DFT_QAM16	20.18	19.04	37	PASS
n77(3700-3980)	30	80	656000	1@215	DFT_QAM16	20.85	19.71	37	PASS
n77(3700-3980)	30	80	656000	108@54	DFT_QAM64	19.41	18.27	37	PASS
n77(3700-3980)	30	80	656000	1@1	DFT_QAM64	18.80	17.66	37	PASS
n77(3700-3980)	30	80	656000	1@215	DFT_QAM64	19.38	18.24	37	PASS
n77(3700-3980)	30	80	656000	108@54	DFT_QAM256	17.40	16.26	37	PASS
n77(3700-3980)	30	80	656000	1@1	DFT_QAM256	16.37	15.23	37	PASS
n77(3700-3980)	30	80	656000	1@215	DFT_QAM256	17.40	16.26	37	PASS

3980)									
n77(3700-3980)	30	80	656000	109@54	CP_QPSK	20.29	19.15	37	PASS
n77(3700-3980)	30	80	656000	1@1	CP_QPSK	19.83	18.69	37	PASS
n77(3700-3980)	30	80	656000	1@215	CP_QPSK	20.35	19.21	37	PASS
n77(3700-3980)	30	80	656000	109@54	CP_QAM16	19.88	18.74	37	PASS
n77(3700-3980)	30	80	656000	1@1	CP_QAM16	19.11	17.97	37	PASS
n77(3700-3980)	30	80	656000	1@215	CP_QAM16	19.60	18.46	37	PASS
n77(3700-3980)	30	80	656000	109@54	CP_QAM64	18.25	17.11	37	PASS
n77(3700-3980)	30	80	656000	1@1	CP_QAM64	17.91	16.77	37	PASS
n77(3700-3980)	30	80	656000	1@215	CP_QAM64	18.38	17.24	37	PASS
n77(3700-3980)	30	80	656000	109@54	CP_QAM256	15.51	14.37	37	PASS
n77(3700-3980)	30	80	656000	1@1	CP_QAM256	15.30	14.16	37	PASS
n77(3700-3980)	30	80	656000	1@215	CP_QAM256	15.88	14.74	37	PASS
n77(3700-3980)	30	80	662666	108@54	DFT_BPSK	22.10	20.96	37	PASS
n77(3700-3980)	30	80	662666	1@1	DFT_BPSK	21.56	20.42	37	PASS
n77(3700-3980)	30	80	662666	1@215	DFT_BPSK	21.84	20.70	37	PASS
n77(3700-3980)	30	80	662666	108@54	DFT_QPSK	22.29	21.15	37	PASS
n77(3700-3980)	30	80	662666	1@1	DFT_QPSK	21.45	20.31	37	PASS
n77(3700-3980)	30	80	662666	1@215	DFT_QPSK	21.57	20.43	37	PASS
n77(3700-3980)	30	80	662666	108@54	DFT_QAM16	21.30	20.16	37	PASS

n77(3700-3980)	30	80	662666	1@1	DFT_QAM16	20.71	19.57	37	PASS
n77(3700-3980)	30	80	662666	1@215	DFT_QAM16	20.99	19.85	37	PASS
n77(3700-3980)	30	80	662666	108@54	DFT_QAM64	19.89	18.75	37	PASS
n77(3700-3980)	30	80	662666	1@1	DFT_QAM64	19.40	18.26	37	PASS
n77(3700-3980)	30	80	662666	1@215	DFT_QAM64	19.64	18.50	37	PASS
n77(3700-3980)	30	80	662666	108@54	DFT_QAM256	17.93	16.79	37	PASS
n77(3700-3980)	30	80	662666	1@1	DFT_QAM256	16.80	15.66	37	PASS
n77(3700-3980)	30	80	662666	1@215	DFT_QAM256	17.17	16.03	37	PASS
n77(3700-3980)	30	80	662666	109@54	CP_QPSK	20.71	19.57	37	PASS
n77(3700-3980)	30	80	662666	1@1	CP_QPSK	20.23	19.09	37	PASS
n77(3700-3980)	30	80	662666	1@215	CP_QPSK	20.43	19.29	37	PASS
n77(3700-3980)	30	80	662666	109@54	CP_QAM16	20.27	19.13	37	PASS
n77(3700-3980)	30	80	662666	1@1	CP_QAM16	19.83	18.69	37	PASS
n77(3700-3980)	30	80	662666	1@215	CP_QAM16	20.08	18.94	37	PASS
n77(3700-3980)	30	80	662666	109@54	CP_QAM64	18.77	17.63	37	PASS
n77(3700-3980)	30	80	662666	1@1	CP_QAM64	18.39	17.25	37	PASS
n77(3700-3980)	30	80	662666	1@215	CP_QAM64	18.64	17.50	37	PASS
n77(3700-3980)	30	80	662666	109@54	CP_QAM256	15.99	14.85	37	PASS
n77(3700-3980)	30	80	662666	1@1	CP_QAM256	15.42	14.28	37	PASS
n77(3700-3980)	30	80	662666	1@215	CP_QAM256	15.79	14.65	37	PASS

3980)									
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6.2.2 Radiated spurious emissions Spot-check.

Band n2(10MHz)-SCS 30kHz						
10MHz(1@0) for DFT-s-OFDM Pi/2 BPSK						
Middle channel						
Frequency (MHz)	Reading Level (dBm)	Factor (dB)	Level (dBm)	Limit (dBm)	Margin (dB)	Polarization
3760.00	-49.91	-1.06	-50.97	-13.00	37.97	Vertical
5640.00	-51.54	7.14	-44.40	-13.00	31.40	Vertical
7520.00	-53.12	11.47	-41.65	-13.00	28.65	Vertical
3760.00	-50.23	-1.55	-51.78	-13.00	38.78	Horizontal
5640.00	-49.46	4.45	-45.01	-13.00	32.01	Horizontal
7520.00	-53.22	9.98	-43.24	-13.00	30.24	Horizontal
Band n5(10MHz)-SCS 30kHz						
10MHz(1@0) for DFT-s-OFDM Pi/2 BPSK						
Middle channel						
Frequency (MHz)	Reading Level (dBm)	Factor (dB)	Level (dBm)	Limit (dBm)	Margin (dB)	Polarization
1673.00	-49.83	-11.13	-60.96	-13.00	47.96	Vertical
2509.50	-44.33	-6.20	-50.53	-13.00	37.53	Vertical
3346.00	-49.11	-5.03	-54.14	-13.00	41.14	Vertical
1673.00	-49.52	-11.39	-60.91	-13.00	47.91	Horizontal
2509.50	-45.77	-6.70	-52.47	-13.00	39.47	Horizontal
3346.00	-48.99	-5.17	-54.16	-13.00	41.16	Horizontal
Band n7(10MHz)-SCS 30kHz						
10MHz(1@0) for DFT-s-OFDM Pi/2 BPSK						
Frequency (MHz)	Reading Level (dBm)	Factor (dB)	Level (dBm)	Limit (dBm)	Margin (dB)	Polarization
5070.00	-52.24	4.68	-47.56	-13.00	34.56	Vertical
7605.00	-46.76	11.22	-35.54	-13.00	22.54	Vertical
10140.00	-52.17	17.42	-34.75	-13.00	21.75	Vertical
5070.00	-51.17	4.23	-46.94	-13.00	33.94	Horizontal
7605.00	-45.93	10.04	-35.89	-13.00	22.89	Horizontal
10140.00	-52.40	16.02	-36.38	-13.00	23.38	Horizontal

Band n41(10MHz)-SCS 30kHz						
10MHz(Edge_1RB_Left) for DFT-s-OFDM Pi/2 BPSK						
Middle channel						
Frequency (MHz)	Reading Level (dBm)	Factor (dB)	Level (dBm)	Limit (dBm)	Margin (dB)	Polarization
5185.98	-51.44	4.21	-47.23	-25.00	22.23	Vertical
7778.97	-43.34	11.34	-32.00	-25.00	7.00	Vertical
10371.96	-53.85	18.38	-35.47	-25.00	10.47	Vertical
5185.98	-49.68	3.72	-45.96	-25.00	20.96	Horizontal
7778.97	-42.57	10.86	-31.71	-25.00	6.71	Horizontal
10371.96	-52.82	17.10	-35.72	-25.00	10.72	Horizontal
Band n66(10MHz)-SCS 30kHz						
10MHz(1@0) for DFT-s-OFDM Pi/2 BPSK						
Middle channel						
Frequency (MHz)	Reading Level (dBm)	Factor (dB)	Level (dBm)	Limit (dBm)	Margin (dB)	Polarization
3490.00	-50.71	-2.31	-53.02	-13.00	40.02	Vertical
5235.00	-52.71	3.88	-48.83	-13.00	35.83	Vertical
6980.00	-53.11	11.02	-42.09	-13.00	29.09	Vertical
3490.00	-50.24	-2.42	-52.66	-13.00	39.66	Horizontal
5235.00	-50.40	3.44	-46.96	-13.00	33.96	Horizontal
6980.00	-53.11	9.59	-43.52	-13.00	30.52	Horizontal
Band n71(10MHz)-SCS 30kHz						
10MHz(1@0) for DFT-s-OFDM Pi/2 BPSK						
Frequency (MHz)	Reading Level (dBm)	Factor (dB)	Level (dBm)	Limit (dBm)	Margin (dB)	Polarization
1361.00	-50.12	-8.13	-58.25	-13.00	45.25	Vertical
2041.50	-36.33	-8.30	-44.63	-13.00	31.63	Vertical
2722.00	-49.16	-5.73	-54.89	-13.00	41.89	Vertical
1361.00	-49.10	-8.66	-57.76	-13.00	44.76	Horizontal
2041.50	-49.76	-8.32	-58.08	-13.00	45.08	Horizontal
2722.00	-50.09	-6.06	-56.15	-13.00	43.15	Horizontal

Band n77(10MHz)-SCS 30kHz(3450MHz - 3550MHz)						
10MHz(Edge_1RB_Left) for DFT-s-OFDM Pi/2 BPSK						
Middle channel						
Frequency (MHz)	Reading Level (dBm)	Factor (dB)	Level (dBm)	Limit (dBm)	Margin (dB)	Polarization
7000.02	-52.92	10.90	-42.02	-13.00	29.02	Vertical
10500.03	-51.26	17.98	-33.28	-13.00	20.28	Vertical
14000.04	-50.42	24.22	-26.20	-13.00	13.20	Vertical
7000.02	-52.3	9.42	-42.88	-13.00	29.88	Horizontal
10500.03	-53.09	16.93	-36.16	-13.00	23.16	Horizontal
14000.04	-50.17	24.58	-25.59	-13.00	12.59	Horizontal
Band n77(10MHz)-SCS 30kHz(3700MHz - 3980MHz)						
10MHz(Edge_1RB_Left) for DFT-s-OFDM Pi/2 BPSK						
Middle channel						
Frequency (MHz)	Reading Level (dBm)	Factor (dB)	Level (dBm)	Limit (dBm)	Margin (dB)	Polarization
7680.00	-52.36	10.68	-41.68	-13.00	28.68	Vertical
11520.00	-51.74	19.16	-32.58	-13.00	19.58	Vertical
15360.00	-52.81	28.27	-24.54	-13.00	11.54	Vertical
7680.00	-52.16	9.54	-42.62	-13.00	29.62	Horizontal
11520.00	-51.56	18.66	-32.90	-13.00	19.90	Horizontal
15360.00	-52.38	28.44	-23.94	-13.00	10.94	Horizontal

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