



FCC Radio Test Report

FCC ID: 2A5LO-TOZEDZLTX100

This report concerns: Original Grant

Project No. : 2312C154
Equipment : 5G Wireless Router
Brand Name : Tozed Kangwei
Test Model : ZLT X100 PRO
Series Model : N/A
Applicant : Tozed Kangwei Tech Co., Ltd
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Manufacturer : Tozed Kangwei Tech Co., Ltd
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Date of Receipt : Dec. 25, 2023
Date of Test : Dec. 26, 2023 ~ Jan. 28, 2024
Issued Date : Jan. 31, 2024
Report Version : R00
Test Sample : Engineering Sample No.: DG2023122564 for radiated, DG2023122562 and DG2023122565 for conducted.
Standard(s) : 47 CFR FCC Part 27 Subpart O
47 CFR FCC Part 2

The above equipment has been tested and found compliance with the requirement of the relative standards by BTL Inc.

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BTL is not responsible for the sampling stage, so the results only apply to the sample as received.

The information, data and test plan are provided by manufacturer which may affect the validity of results, so it is manufacturer's responsibility to ensure that the apparatus meets the essential requirements of applied standards and in all the possible configurations as representative of its intended use.

Limitation

For the use of the authority's logo is limited unless the Test Standard(s)/Scope(s)/Item(s) mentioned in this test report is (are) included in the conformity assessment authorities acceptance respective.

Please note that the measurement uncertainty is provided for informational purpose only and are not use in determining the Pass/Fail results.

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REPORT ISSUED HISTORY

Report No.	Version	Description	Issued Date	Note
BTL-FCCP-6-2312C154	R00	Original Report.	Jan. 31, 2024	Valid

1. APPLICABLE STANDARDS

The following reference test guidance is not within the scope of accreditation of NVLAP:
ANSI C63.26-2015
FCC KDB 971168 D01 Power Meas License Digital Systems v03r01

2. SUMMARY OF TEST RESULTS

Test procedures according to the technical standard(s):

FCC Part 27 Subpart O & Part 2			
Standard(s) Section	Test Item	Judgment	Remark
2.1046	Output Power	PASS	-----
27.50(j)(3)	Equivalent Isotropic Radiated Power	PASS	-----
2.1049	Occupied Bandwidth	PASS	-----
2.1051 27.53(l)(2)	Conducted Spurious Emissions	PASS	-----
2.1051 27.53(l)(2)	Radiated Spurious Emissions	PASS	-----
2.1051 27.53(l)(2)	Band Edge Measurements	PASS	-----
27.50(j)(4)	Peak To Average Ratio	PASS	-----
2.1055 27.54	Frequency Stability	PASS	-----

Note:

(1) "N/A" denotes test is not applicable in this test report.

2.1 TEST FACILITY

The test facilities used to collect the test data in this report is at the location of Room 108, Building 2, No. 1, Yile Road, Songshan Lake Zone, Dongguan City, Guangdong 523000.

BTL's Registration Number for FCC: 568794

BTL's Designation Number for FCC: CN5041

2.2 MEASUREMENT UNCERTAINTY

The measurement uncertainty figures shall be calculated according the methods described in the ETSI TR 100 028 and shall correspond to an expansion factor (coverage factor) $k=1.96$ or $k=2$ (which provide confidence levels of respectively 90% and 95.45% in the case where the distributions characterizing the actual measurement uncertainties are normal (Gaussian)).

Measurement Uncertainty for a Level of Confidence of 95 %, $U=2 \times U_c(y)$.

The BTL measurement uncertainty as below table:

A. Radiated Measurement:

Test Site	Method	Measurement Frequency Range	U_c (dB)
SSL-CB01	CISPR	9kHz ~ 30MHz	2.74

Test Site	Method	Measurement Frequency Range	Ant. H / V	U_c (dB)
SSL-CB01 (3m)	CISPR	30MHz ~ 200MHz	V	4.70
		30MHz ~ 200MHz	H	3.56
		200MHz ~ 1,000MHz	V	4.92
		200MHz ~ 1,000MHz	H	4.54

Test Site	Method	Measurement Frequency Range	U_c (dB)
SSL-CB01 (3m)	CISPR	1GHz ~ 6GHz	4.56
		6GHz ~ 18GHz	5.14

Test Site	Method	Measurement Frequency Range	U_c (dB)
SSL-CB01 (1m)	CISPR	18 ~ 26.5 GHz	3.30
		26.5 ~ 40 GHz	3.82

B. Other Measurement:

Parameter	Uncertainty
Spectrum Bandwidth	± 3.8 %
Maximum Output Power	± 0.95 dB
Power Spectral Density	± 0.86 dB
Frequency Stability	± 0.16 dB
Temperature	± 0.08 °C
Time	± 0.58 %
Supply voltages	± 0.3 %

Note: Unless specifically mentioned, the uncertainty of measurement has not been taken into account to declare the compliance or non-compliance to the specification.

2.3 TEST ENVIRONMENT CONDITIONS

Test Item	Temperature	Humidity	Test Voltage	Tested By
Output Power & ERP	24°C	40%	DC 12V	Feilx Ye Gana Cai Edward Li
Occupied Bandwidth	24°C	40%	DC 12V	Feilx Ye Gana Cai Edward Li
Conducted Spurious Emissions	24°C	40%	DC 12V	Feilx Ye Gana Cai Edward Li
Radiated Spurious Emissions (9 kHz to 30 MHz)	25°C	60%	AC 120V/60Hz	Max Wang
Radiated Spurious Emissions (30 MHz to 1000 MHz)	24°C	43%	AC 120V/60Hz	Geoffrey Zou
Radiated Spurious Emissions (Above 1000 MHz)	23~24°C	43~46%	AC 120V/60Hz	Max Wang
Band Edge	24°C	40%	DC 12V	Feilx Ye Gana Cai Edward Li
Peak to Average Ratio	24°C	40%	DC 12V	Feilx Ye Gana Cai Edward Li
Frequency Stability	Normal & Extreme	40%	Normal & Extreme	Feilx Ye Gana Cai Edward Li

3. GENERAL INFORMATION

3.1 GENERAL DESCRIPTION OF EUT

Equipment	5G Wireless Router				
Brand Name	Tozed Kangwei				
Test Model	ZLT X100 PRO				
Series Model	N/A				
Model Difference(s)	N/A				
Software Version	V1.0				
Hardware Version	TZ7.823.806A				
Power Source	DC voltage supplied from AC adapter. 1# Manufacturer / Model: KELI / KL-WA120YYY-G1 2# Manufacturer / Model: JiYin / JYSY018-1201500UD				
Power Rating	1# I/P: 100-240V~ 50/60Hz 0.7A O/P: 12V  1.5A 2# I/P: 100-240V~ 50/60Hz 0.5A O/P: 12V  1.5A				
Radio System Type	SA&NSA				
SCS	30KHz				
Power Class	2(SA), 3(NSA)				
Operation Bands	SA: n77, n78				
	UL MIMO: n77, n78				
	DC_7A_n78, DC_66A_n78, DC_66A-66A_n78, DC_7C_n78, DC_4A_n78				
Bandwidth	10MHz, 15MHz, 20MHz, 25MHz, 30MHz, 40MHz, 50MHz, 60MHz, 80MHz, 90MHz,100MHz				
Modulation Type	DFT-s-OFDM PI/2 BPSK				
	DFT-s-OFDM QPSK		CP-OFDM QPSK		
	DFT-s-OFDM 16QAM		CP-OFDM 16QAM		
	DFT-s-OFDM 64QAM		CP-OFDM 64QAM		
	DFT-s-OFDM 256QAM		CP-OFDM 256QAM		
IMEI No.	Conducted	862378060001796, 862378060001309			
	Radiated	862378060001259			
Max. E.I.R.P (dBm)(Note 2)	Band/ Bandwidth (MHz)	Modulation (DFT-s-OFDM)	SISO (Ant.3)	Modulation (CP-OFDM)	MIMO (Ant.3+Ant.6)
	n77 (BW 10MHz)	PI/2 BPSK	28.64	QPSK	28.54
		QPSK	28.57	16QAM	28.08
		16QAM	27.45	64QAM	27.36
		64QAM	26.63	256QAM	23.57
		256QAM	24.01		
	n77 (BW 15MHz)	PI/2 BPSK	28.87	QPSK	28.88
		QPSK	28.81	16QAM	28.42
		16QAM	27.72	64QAM	27.5
		64QAM	26.86	256QAM	23.72
		256QAM	24.33		
	n77 (BW 20MHz)	PI/2 BPSK	29.01	QPSK	28.95
		QPSK	28.94	16QAM	28.45
		16QAM	27.77	64QAM	27.31
		64QAM	26.96	256QAM	23.52
		256QAM	24.35		
	n77 (BW 25MHz)	PI/2 BPSK	27.66	QPSK	28.20
		QPSK	27.62	16QAM	27.67
		16QAM	26.45	64QAM	26.15
		64QAM	25.44	256QAM	22.56
		256QAM	22.79		
	n77 (BW 30MHz)	PI/2 BPSK	29.51	QPSK	29.24
		QPSK	29.56	16QAM	28.75
		16QAM	28.53	64QAM	28.30
		64QAM	27.62	256QAM	24.50
		256QAM	24.99		

Max. E.I.R.P (dBm) (Note 2)	n77 (BW 40MHz)	PI/2 BPSK	29.29	QPSK	29.22
		QPSK	29.20	16QAM	28.72
		16QAM	28.13	64QAM	27.73
		64QAM	27.24	256QAM	24.24
		256QAM	24.77		
	n77 (BW 50MHz)	PI/2 BPSK	29.19	QPSK	28.89
		QPSK	29.11	16QAM	28.43
		16QAM	28.01	64QAM	26.77
		64QAM	27.16	256QAM	23.50
		256QAM	24.67		
	n77 (BW 60MHz)	PI/2 BPSK	29.52	QPSK	28.99
		QPSK	29.46	16QAM	28.55
		16QAM	28.44	64QAM	27.09
		64QAM	27.51	256QAM	23.84
		256QAM	24.91		
	n77 (BW 80MHz)	PI/2 BPSK	29.61	QPSK	29.22
		QPSK	29.53	16QAM	28.72
		16QAM	28.55	64QAM	27.46
		64QAM	27.69	256QAM	23.93
		256QAM	25.07		
	n77 (BW 90MHz)	PI/2 BPSK	29.96	QPSK	29.03
		QPSK	29.89	16QAM	29.00
		16QAM	29.08	64QAM	28.76
		64QAM	28.28	256QAM	24.97
		256QAM	25.70		
	n77 (BW 100MHz)	PI/2 BPSK	29.48	QPSK	29.06
		QPSK	29.40	16QAM	28.62
		16QAM	28.50	64QAM	27.33
		64QAM	27.58	256QAM	23.92
		256QAM	25.05		
	n78 (BW 10MHz)	PI/2 BPSK	28.78	QPSK	28.19
		QPSK	28.72	16QAM	27.81
		16QAM	27.75	64QAM	27.17
		64QAM	26.80	256QAM	23.27
		256QAM	24.41		
	n78 (BW 15MHz)	PI/2 BPSK	29.08	QPSK	26.56
		QPSK	29.07	16QAM	28.11
		16QAM	28.14	64QAM	27.07
		64QAM	27.17	256QAM	23.35
		256QAM	24.82		
	n78 (BW 20MHz)	PI/2 BPSK	29.33	QPSK	28.67
		QPSK	29.25	16QAM	28.11
		16QAM	28.20	64QAM	26.86
		64QAM	27.33	256QAM	23.14
		256QAM	24.94		
	n78 (BW 25MHz)	PI/2 BPSK	26.94	QPSK	28.63
		QPSK	26.92	16QAM	28.2
		16QAM	25.91	64QAM	26.72
		64QAM	25.15	256QAM	23.23
		256QAM	22.47		
	n78 (BW 30MHz)	PI/2 BPSK	29.61	QPSK	29.29
		QPSK	29.54	16QAM	28.82
		16QAM	28.82	64QAM	28.22
		64QAM	27.84	256QAM	24.49
		256QAM	25.25		

Max. E.I.R.P (dBm) (Note 2)	n78 (BW 40MHz)	PI/2 BPSK	29.63	QPSK	29.24
		QPSK	29.55	16QAM	28.74
		16QAM	28.53	64QAM	27.62
		64QAM	27.63	256QAM	24.17
		256QAM	25.33		
	n78 (BW 50MHz)	PI/2 BPSK	29.32	QPSK	28.88
		QPSK	29.24	16QAM	28.4
		16QAM	28.21	64QAM	26.82
		64QAM	27.3	256QAM	23.49
		256QAM	24.80		
	n78 (BW 60MHz)	PI/2 BPSK	29.52	QPSK	28.93
		QPSK	29.45	16QAM	28.49
		16QAM	28.46	64QAM	27.01
		64QAM	27.61	256QAM	23.72
		256QAM	25.22		
	n78 (BW 80MHz)	PI/2 BPSK	29.73	QPSK	28.9
		QPSK	29.66	16QAM	28.56
		16QAM	28.64	64QAM	27.29
		64QAM	27.68	256QAM	23.88
		256QAM	25.31		
	n78 (BW 90MHz)	PI/2 BPSK	29.84	QPSK	28.94
		QPSK	29.91	16QAM	29.15
		16QAM	29.35	64QAM	28.78
		64QAM	28.63	256QAM	25.15
		256QAM	26.05		
	n78 (BW 100MHz)	PI/2 BPSK	29.63	QPSK	29
		QPSK	29.56	16QAM	28.72
		16QAM	28.61	64QAM	27.54
		64QAM	27.68	256QAM	24.12
		256QAM	25.25		

Note:

1. For a more detailed features description, please refer to the manufacturer's specifications or the user's manual.
2. Due to the e.i.r.p of DFT-S-OFDM modulation mode is higher than that of CP-OFDM, so the SA max e.i.r.p of DFT-S-OFDM were recorded in the table.

3. Channel List:

NR n77(UL/DL:3700-3980MHz)			
Test Frequency ID	Bandwidth (MHz)	EARFCN	Frequency (UL and DL) (MHz)
Low Range	10	647000	3705
	15	647168	3707.52
	20	647334	3710.01
	25	647500	3712.5
	30	647668	3715.02
	40	648000	3720
	50	648334	3725.01
	60	648668	3730.02
	80	649334	3740.01
	90	649668	3745.02
	100	650000	3750
Mid Range	10/15/20/25/30/40/50/60/80/90/100	656000	3840
High Range	10	665000	3975
	15	664832	3972.48
	20	664666	3969.99
	25	664500	3840
	30	664332	3964.98
	40	664000	3960
	50	663666	3954.99
	60	663332	3949.98
	80	662666	3939.99
	90	662332	3934.98
	100	662000	3930

NR n78(UL/DL:3700-3800MHz)			
Test Frequency ID	Bandwidth (MHz)	EARFCN	Frequency (UL and DL) (MHz)
Low Range	10	647000	3705
	15	647168	3707.52
	20	647334	3710.01
	25	647500	3712.5
	30	647668	3715.02
	40	648000	3720
	50	648334	3725.01
	60	648668	3730.02
	80	649334	3740.01
	90	649668	3745.02
	100	-	-
Mid Range	10/15/20/25/30/40/50/60/80/90/100	650000	3750
High Range	10	653000	3795
	15	652832	3792.48
	20	652666	3789.99
	25	3787.5	652500
	30	652332	3784.98
	40	652000	3780.00
	50	651666	3774.99
	60	651332	3769.98
	80	650666	3759.99
	90	650332	3754.98
	100	-	-

4. Table for Filed Antenna:

Brand	Model Name	Antenna Type	Connector	Gain (dBi)	Note
ZTX	X100 PRO-ANT3	PCB	N/A	3.27	5G NR n77 (Ant.3)
	X100 PRO-ANT6	PCB	N/A	3.30	5G NR n77 (Ant.6)
ZTX	X100 PRO-ANT3	PCB	N/A	3.23	5G NR n78 (Ant.3)
	X100 PRO-ANT6	PCB	N/A	3.30	5G NR n78 (Ant.6)

Note:

- 1) This EUT supports MIMO, any transmit signals are correlated with each other, so Directional gain= $10\log[(10^{G1/20} + 10^{G2/20} + \dots + 10^{GN/20})^2 / N]$ dBi. So the Directional gain of n77= $10\log[(10^{3.27/20} + 10^{3.23/20})^2 / 2]$ dBi =6.30 and Directional gain of n78= $10\log[(10^{3.36/20} + 10^{3.36/20})^2 / 2]$ dBi =6.28.
- 2) SISO mode only supports Ant 3.
- 3) The antenna gain is provided by the manufacturer.

3.2 DESCRIPTION OF TEST MODES

Following mode(s) is (were) found to be the worst case(s) and selected for the final test.

NR n77				
Test Item	Tested Channel	Channel Bandwidth	Modulation	RB allocation
Output Power & EIRP	647000, 656000, 665000	10MHz	DFT-s-OFDM PI/2 BPSK, DFT-s-OFDM PI/2 QPSK, DFT-s-OFDM PI/2 16QAM, DFT-s-OFDM PI/2 64QAM, DFT-s-OFDM PI/2 256QAM CP-OFDM QPSK, CP-OFDM 16QAM, CP-OFDM 64QAM, CP-OFDM 256QAM	Inner 1RB Left Inner 1RB Right Inner Full
	647168, 656000, 664832	15MHz		
	647334, 656000, 664666	20MHz		
	647500, 656000, 664500	25MHz		
	647668, 656000, 664332	30MHz		
	648000, 656000, 664000	40MHz		
	648334, 656000, 663666	50MHz		
	648668, 656000, 663332	60MHz		
	649334, 656000, 662666	80MHz		
	649668, 656000, 662332	90MHz		
	650000, 656000, 662000	100MHz		
Occupied Bandwidth	656000	10MHz	DFT-s-OFDM PI/2 BPSK, DFT-s-OFDM PI/2 QPSK, DFT-s-OFDM PI/2 16QAM, DFT-s-OFDM PI/2 64QAM, DFT-s-OFDM PI/2 256QAM CP-OFDM QPSK, CP-OFDM 16QAM, CP-OFDM 64QAM, CP-OFDM 256QAM	Outer Full
	656000	15MHz		
	656000	20MHz		
	656000	25 MHz		
	656000	30MHz		
	656000	40MHz		
	656000	50MHz		
	656000	60MHz		
	656000	80MHz		
	656000	90MHz		
	656000	100MHz		
Conducted Spurious Emission	647000, 656000, 665000	10MHz	DFT-s-OFDM PI/2 BPSK, DFT-s-OFDM PI/2 QPSK	1RB # 0
	648334, 656000, 663666	50MHz		
	650000, 656000, 662000	100MHz		
Radiated Spurious Emission	656000	10MHz	DFT-s-OFDM QPSK	1RB # 0
	656000	100MHz		
Band Edge	647000, 665000	10MHz	DFT-s-OFDM PI/2 BPSK, DFT-s-OFDM PI/2 QPSK	Edge 1RB Left Edge 1RB Right Outer Full
	648334, 663666	50MHz		
	650000, 662000	100MHz		
Peak To Average Ratio	647000, 656000, 665000	10MHz	DFT-s-OFDM PI/2 BPSK, DFT-s-OFDM PI/2 QPSK	Edge 1RB Left Outer Full
Frequency Stability	647000, 665000	10MHz	DFT-s-OFDM QPSK	Outer Full

NR n78				
Test Item	Tested Channel	Channel Bandwidth	Modulation	RB allocation
Output Power & EIRP	647000, 650000, 653000	10MHz	DFT-s-OFDM PI/2 BPSK, DFT-s-OFDM PI/2 QPSK, DFT-s-OFDM PI/2 16QAM, DFT-s-OFDM PI/2 64QAM, DFT-s-OFDM PI/2 256QAM CP-OFDM QPSK, CP-OFDM 16QAM, CP-OFDM 64QAM, CP-OFDM 256QAM	Inner 1RB Left Inner 1RB Right Inner Full
	647168, 650000, 652832	15MHz		
	647334, 650000, 652666	20MHz		
	647500, 650000, 652500	25MHz		
	647668, 650000, 652332	30MHz		
	648000, 650000, 652000	40MHz		
	648334, 650000, 651666	50MHz		
	648668, 650000, 651332	60MHz		
	649334, 650000, 650666	80MHz		
	649668, 650000, 650332	90MHz		
Radiated Spurious Emission	650000	100MHz	DFT-s-OFDM QPSK	1RB # 0
	650000	100MHz		

NR n78 MIMO				
Test Item	Tested Channel	Channel Bandwidth	Modulation	RB allocation
Output Power & EIRP	647000, 650000, 653000	10MHz	CP-OFDM QPSK, CP-OFDM 16QAM, CP-OFDM 64QAM, CP-OFDM 256QAM	Inner 1RB Left Inner 1RB Right Inner Full
	647168, 650000, 652832	15MHz		
	647334, 650000, 652666	20MHz		
	647500, 650000, 652500	25MHz		
	647668, 650000, 652332	30MHz		
	648000, 650000, 652000	40MHz		
	648334, 650000, 651666	50MHz		
	648668, 650000, 651332	60MHz		
	649334, 650000, 650666	80MHz		
	649668, 650000, 650332	90MHz		
Conducted Spurious Emission	650000	100MHz	CP-OFDM QPSK, CP-OFDM 16QAM	1RB # 0
	647000, 656000, 665000	10MHz		
	648334, 656000, 663666	50MHz		
	650000, 656000, 662000	100MHz		

DC 7A n78				
Test Item	Tested Channel	Channel Bandwidth	Modulation	RB allocation
Radiated Spurious Emission	Mid-CH	10MHz	DFT-s-OFDM QPSK	1RB # 0
	Mid-CH	100MHz		

Note:

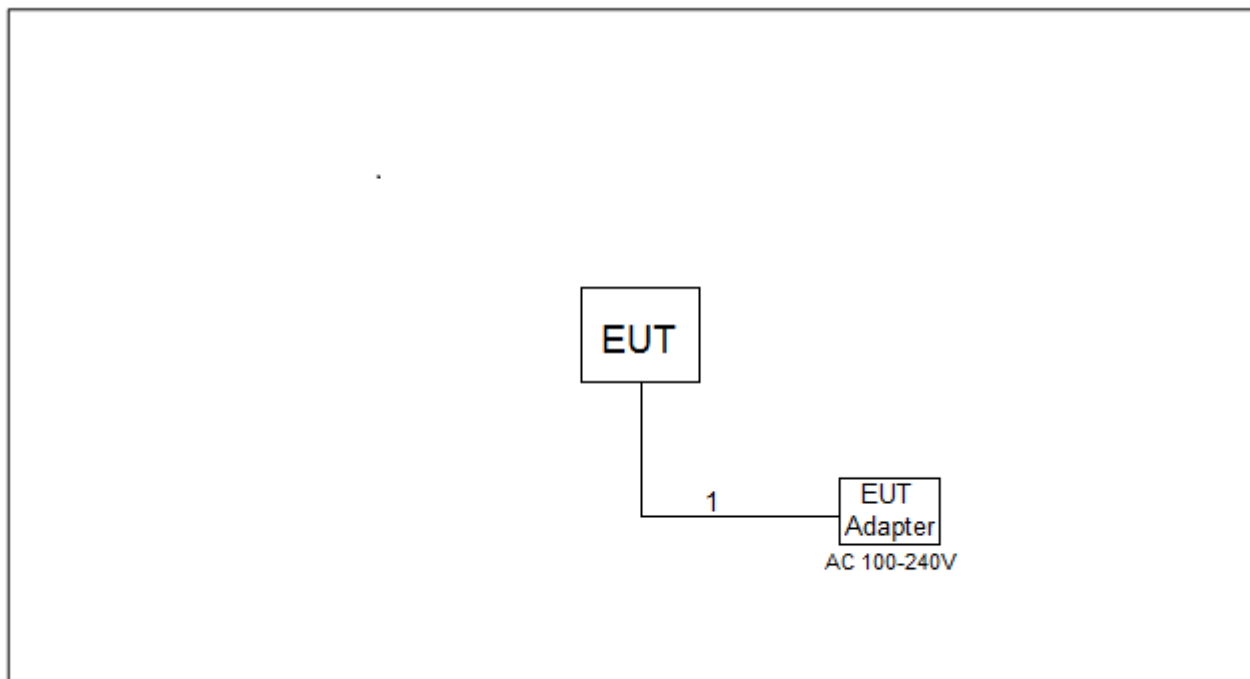
- 1) Since the power of DFT-S-OFDM modulation mode is higher than that of CP-OFDM, and the power of PI/2 BPSK and QPSK is greater than that of other modulation modes, we chose DFT-S-OFDM PI/2 BPSK and DFT-S-OFDM QPSK modulation mode to test other items except power and OBW.
- 2) Since n77 frequency band covers n78 and the power of n78 is not greater than n77, only n77 is performed and recorded in this report.
- 3) The equipment supports SA and NSA modes for n77 and n78. We tested the maximum power of SA and NSA, and the maximum power of SA is the worst case. Therefore, all conducted items are executed in SA mode. NSA only evaluates the worst configuration of SA and record radiated spurious emission test.
- 4) Radiated Spurious Emission was assessed for low, medium, high channels and all TX antennas, with only the worst data recorded in the report.
- 5) For radiated emissions below 1 GHz test, all adapters had been pre-tested and in this report only recorded the worst adapter(Manufacturer / Model: JiYi /JYSY018-1201500UD).

6) RB allocation:

Bandwidth	100	90	80	70	60	50	40	30	25	20	15	10
SCS 30KHz CP-OFDM	RB Size/ Offset	RB Size/ Offset	RB Size/ Offset	RB Size/ Offset	RB Size/ Offset	RB Size/ Offset	RB Size/ Offset	RB Size/ Offset	RB Size/ Offset	RB Size/ Offset	RB Size/ Offset	RB Size/ Offset
Edge_1RB _Left	1/0	1/0	1/0	1/0	1/0	1/0	1/0	1/0	1/0	1/0	1/0	1/0
Inner_1RB _Left	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1
Inner_1RB _Right	1/271	1/243	1/215	1/187	1/160	1/131	1/104	1/76	1/63	1/49	1/36	1/22
Edge_1RB _Right	1/272	1/244	1/216	1/188	1/161	1/132	1/105	1/77	1/64	1/50	1/37	1/23
Edge_Full _Left	2/0	2/0	2/0	2/0	2/0	2/0	2/0	2/0	2/0	2/0	2/0	2/0
Edge_Full _Right	2/271	2/243	2/215	2/187	2/160	2/131	2/104	2/76	2/63	2/49	2/36	2/22
Inner _Full	137/68	123/61	109/54	95/47	81/40	67/33	53/26	39/19	33/16	25/12	19/9	12/6
Outer _Full	273/0	245/0	217/0	189/0	162/0	133/0	106/0	78/0	65/0	51/0	36/0	24/0

Bandwidth	100	90	80	70	60	50	40	30	25	20	15	10
SCS 30KHz DFT-s- OFDM	RB Size/ Offset	RB Size/ Offset	RB Size/ Offset	RB Size/ Offset	RB Size/ Offset	RB Size/ Offset	RB Size/ Offset	RB Size/ Offset	RB Size/ Offset	RB Size/ Offset	RB Size/ Offset	RB Size/ Offset
Edge_1RB _Left	1/0	1/0	1/0	1/0	1/0	1/0	1/0	1/0	1/0	1/0	1/0	1/0
Inner_1RB _Left	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/0
Inner_1RB _Right	1/271	1/243	1/215	1/187	1/160	1/131	1/104	1/76	1/63	1/49	1/36	1/22
Edge_1RB _Right	1/272	1/244	1/216	1/188	1/161	1/132	1/105	1/77	1/64	1/50	1/37	1/23
Edge_Full _Left	2/0	2/0	2/0	2/0	2/0	2/0	2/0	2/0	2/0	2/0	2/0	2/0
Edge_Full _Right	2/271	2/243	2/215	2/187	2/160	2/131	2/104	2/76	2/63	2/49	2/36	2/22
Inner _Full	135/67	120/60	108/54	90/45	81/40	64/32	50/25	36/18	32/16	25/12	18/9	12/6
Outer _Full	270/0	240/0	216/0	189/0	162/0	128/0	100/0	75/0	64/0	50/0	38/0	24/0

3.3 BLOCK DIGRAM SHOWING THECONFIGURATIONOFSYSTEMTESTED



2.4 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.

Item	Equipment	Mfr/Brand	Model/Type No.	Series No.
-	-	-	-	-

Item	Cable Type	Shielded Type	Ferrite Core	Length
1	DC Cable	NO	NO	1.5m

4. TEST RESULT

4.1 OUTPUT POWER MEASUREMENT

4.1.1 LIMIT

Mobile and portable stations are limited to 1 Watt EIRP.

4.1.2 TEST PROCEDURE

The testing follows FCC KDB 971168 v03r01 Section 5 or ANSI C63.26-2015 Section 5.2.

EIRP:

$EIRP = \text{Output Power} + \text{Antenan gain}$

ERP:

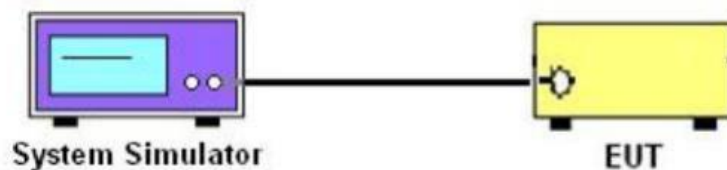
$ERP = EIRP - 2.15$

Output Power:

The EUT was set up for the maximum power with NR 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.

4.1.3 TEST SETUP LAYOUT

Output Power Measurement



4.1.4 TEST DEVIATION

No deviation

4.1.5 TEST RESULTS

Please refer to the APPENDIX A.

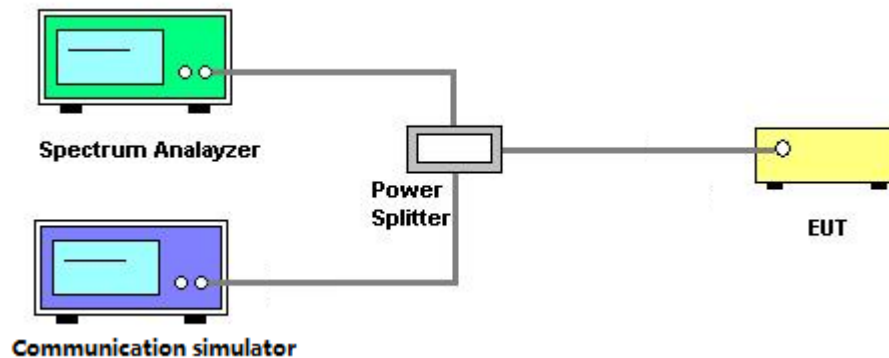
4.2 OCCUPIED BANDWIDTH MEASUREMENT

4.2.1 TEST PROCEDURE

The testing follows FCC KDB 971168 v03r01 Section 4 or ANSI C63.26-2015 Section 5.4.

1. The EUT makes a call to the communication simulator. All measurements were done at low, middle and high operational frequency range. The communication simulator station system controlled a EUT to export maximum output power under transmission mode and specific channel frequency. Use OBW measurement function of Spectrum analyzer to measure 99 % occupied bandwidth and 26dB bandwidth.
2. The EUT was connected to spectrum analyzer and system simulator via a power divider.
3. $RBW = (1\% \sim 5\%) \times EBW$
 $VBW \geq 3 \times RBW$
4. Set spectrum analyzer with Peak detector.

4.2.2 TEST SETUP LAYOUT



4.2.3 TEST DEVIATION

No deviation

4.2.4 TEST RESULTS

Please refer to the APPENDIX B.

4.3 CONDUCTED SPURIOUS EMISSIONS MEASUREMENT

4.3.1 LIMIT

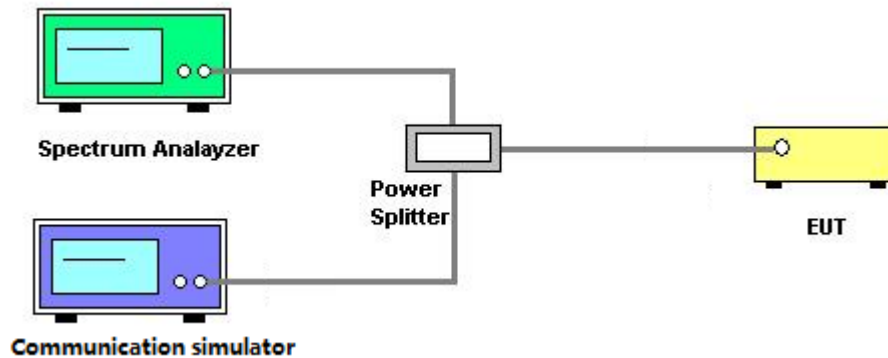
For mobile operations in the 3700-3980 MHz band, the conducted power of any emission outside the licensee's authorized bandwidth shall not exceed -13 dBm/MHz.

4.3.2 TEST PROCEDURES

The testing follows FCC KDB 971168 v03r01 Section 6 or ANSI C63.26-2015 Section 5.7.

1. The EUT was connected to spectrum analyzer and system simulator via a power divider.
2. The conducted spurious emission of middle channel for the highest RF powers were measured. Set RBW=1MHz.
3. Set spectrum analyzer with Average detector and trace mode with trace average.
4. The RF fundamental frequency should be excluded against the limit line in the operating frequency band.

4.3.3 TEST SETUP LAYOUT



4.3.4 TEST DEVIATION

No deviation

4.3.5 TEST RESULTS

Please refer to the APPENDIX C.

4.4 RADIATED SPURIOUS EMISSIONS MEASUREMENT

4.4.1 LIMIT

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. The emission limit equal to -13dBm.

$E \text{ (dB}\mu\text{V/m)} = \text{EIRP (dBm)} - 20 \log D + 104.8$; where D is the measurement distance in meters. The emission limit equal to 82.26dB μ V/m.

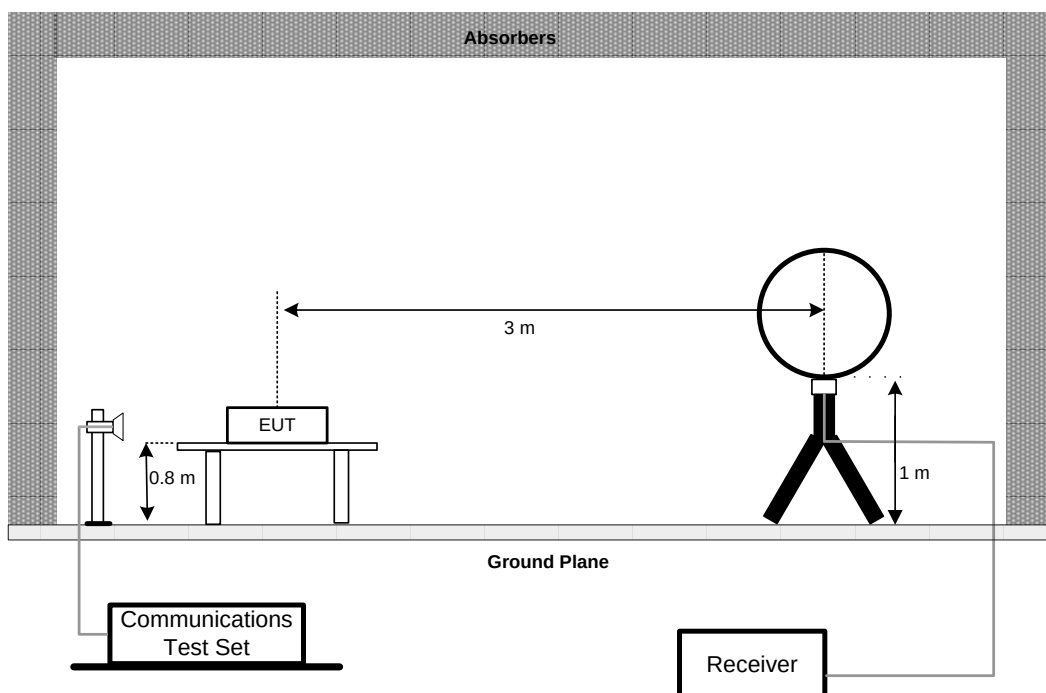
4.4.2 TEST PROCEDURES

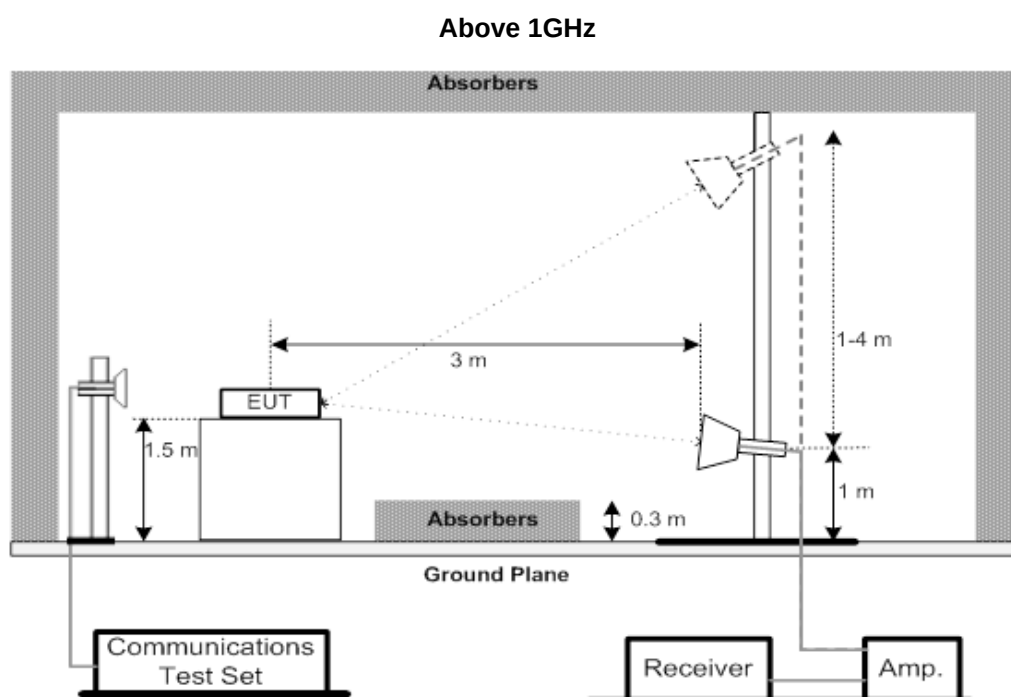
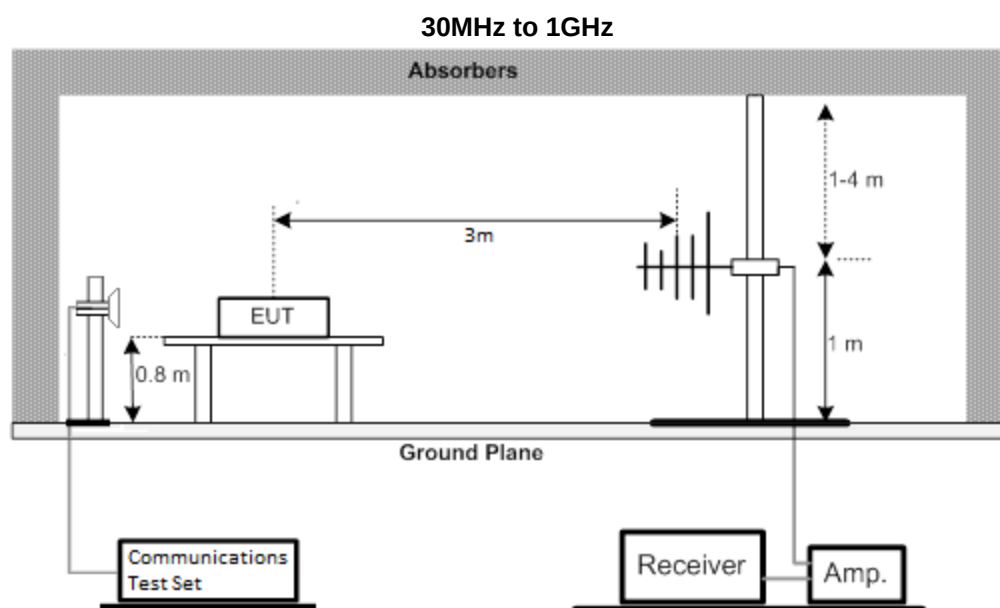
The testing follows FCC KDB 971168 v03r01 Section 6.2 or ANSI C63.26-2015 Section 5.5.

1. The EUT was placed on a turntable with 0.8 meter height for frequency below 1GHz and 1.5 meter height for frequency above 1GHz respectively above ground.
2. The EUT was set 3 meters from the receiving antenna mounted on the antenna tower.
3. During the measurement, the system simulator parameters were set to force the EUT transmitting at maximum output power.
4. Start the test, rotate the table 360° to find the worst Angle, maintain the worst Angle, raise the antenna to 1-4m to find the worst height, maintain the worst height, then rotate the table to determine the final worst Angle, grab the spectrum diagram.
5. EUT shall be placed in accordance with X,Y,Z as required by Figure 5 in ANSI C63.26. Repeat Step 5 above to find the worst placement. Test all bands according to the worst placement.
6. Then EIRP is then converted to field strength as follows in Equation
7. $E \text{ (dB}\mu\text{V/m)} = \text{EIRP (dBm)} - 20 \log(D) + 104.8$; where D is the measurement distance (in the far field region) in m. The emission limit equal to 82.26dB μ V/m.

4.4.3 TEST SETUP LAYOUT

Below 30MHz





4.4.4 TEST RESULTS (9KHZ TO 30MHZ)

Please refer to the APPENDIX D.

4.4.5 TEST RESULTS (30MHZ TO 1000MHZ)

Please refer to the APPENDIX E.

4.4.6 TEST RESULTS (ABOVE 1000MHZ)

Please refer to the APPENDIX F.

4.5 BAND EDGE MEASUREMENT

4.5.1 LIMIT

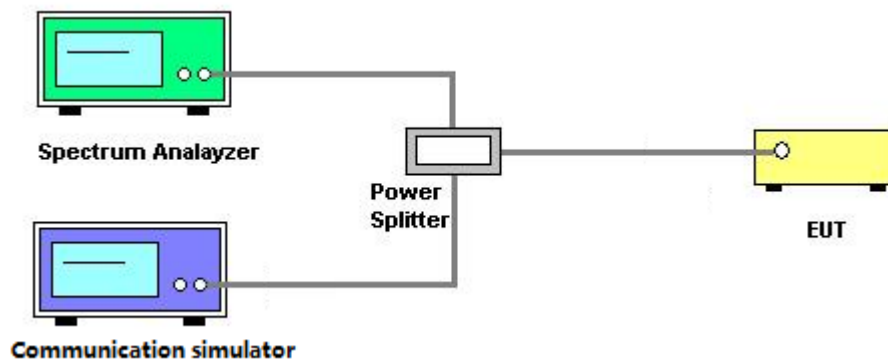
For mobile operations in the 3700-3980 MHz band, the conducted power of any emission outside the licensee's authorized bandwidth shall not exceed -13 dBm/MHz.

4.5.2 TEST PROCEDURES

The testing follows FCC KDB 971168 v03r01 Section 6 or ANSI C63.26-2015 Section 5.7.

1. All measurements were done at low and high operational frequency range.
2. 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.
3. Record the max trace plot into the test report.

4.5.3 TEST SETUP LAYOUT



4.5.4 TEST DEVIATION

No deviation

4.5.5 TEST RESULTS

Please refer to the APPENDIX G.

4.6 PEAK TO AVERAGE RATIO MEASUREMENT

4.6.1 LIMIT

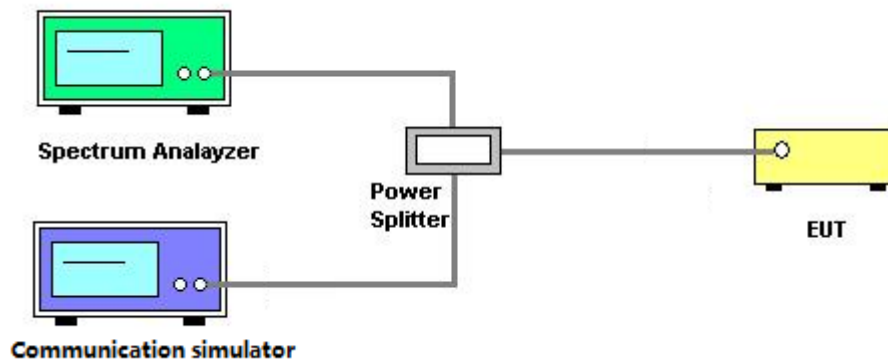
In measuring transmissions in this band using an average power technique, the peak to-average ratio (PAR) of the transmission may not exceed 13 dB.

4.6.2 TEST PROCEDURES

The testing follows FCC KDB 971168 v03r01 Section 5.7 or ANSI C63.26-2015 Section 5.2.6.

1. Set resolution/measurement bandwidth $\geq$ signal's occupied bandwidth;
2. Set the number of counts to a value that stabilizes the measured CCDF curve;
3. Record the maximum PAPR level associated with a probability of 0.1%.

4.6.3 TEST SETUP LAYOUT



4.6.4 TEST DEVIATION

No deviation

4.6.5 TEST RESULTS

Please refer to the APPENDIX H.

4.7 FREQUENCY STABILITY MEASUREMENT

4.7.1 LIMIT

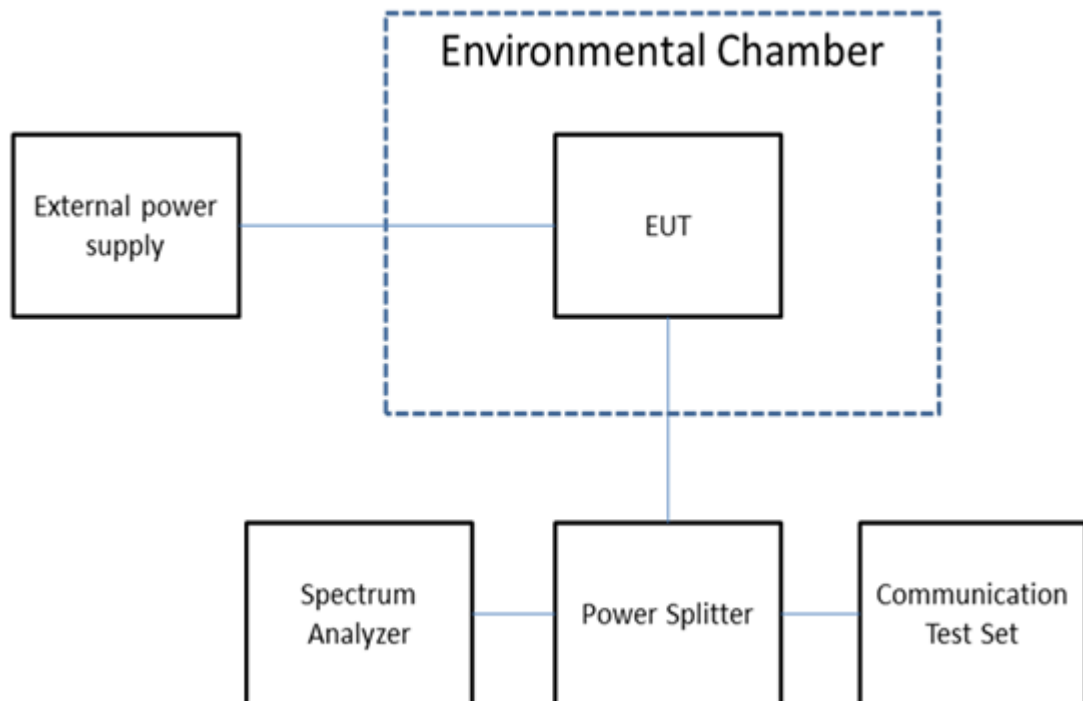
The frequency stability shall be sufficient to ensure that the fundamental emission stays within the authorized frequency block.

4.7.2 TEST PROCEDURES

The testing follows ANSI FCC KDB 971168 v03r01 Section 9 or C63.26-2015 Section 5.6.

1. A reference point shall be established at the applicable unwanted emissions limit using a RBW equal to the RBW required by the unwanted emissions specification of the applicable regulatory standard. These reference points measured using the lowest and highest channel of operation shall be identified as f_L and f_H respectively. The worst-case frequency offset determined in the above methods shall be added or subtracted from the values of f_L and f_H and the resulting frequencies must remain within the band.
2. The EUT was set up in the thermal chamber and connected with the system simulator.
3. With power OFF, the temperature was decreased to -30°C and the EUT was stabilized before testing. Power was applied and the maximum change in frequency was recorded within one minute.
4. With power OFF, the temperature was raised in 10°C step up to 50°C . The EUT was stabilized at each step for at least half an hour. Power was applied and the maximum frequency change was recorded within one minute.

4.7.3 TEST SETUP LAYOUT



4.7.4 TEST DEVIATION

No deviation

4.7.5 TEST RESULTS

Please refer to the APPENDIX I.

4. LIST OF MEASUREMENT EQUIPMENTS

Radiated Emissions - 9 kHz to 30 MHz					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Active Loop Antenna	Schwarzbeck	FMZB 1513-60	1513-60-025	Apr. 01, 2024
2	MXE EMI Receiver	Keysight	N9038A	MY59050118	Feb. 10, 2024
3	Cable	EMC INSTRUMENT	EMCCFD400-NM-N M-3000	N/A	Jun. 08, 2024
4	Cable	EMC INSTRUMENT	EMCCFD400-NM-N M-7000	N/A	Jun. 08, 2024
5	Measurement Software	Farad	EZ-EMC Ver.NB-03A1-01	N/A	N/A
6	966 Chamber room	Maorui	9*6*6 (NSA&VSWR)	N/A	Jun. 02, 2024

Radiated Emissions - 30 MHz to 1 GHz					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Trilog-Broadband Antenna	Schwarzbeck	VULB9168	01269	May 15, 2024
2	Attenuator	EMC INSTRUMENT	EMCI-N-6-06	AN-N0697	May 15, 2024
3	Preamplifier	EMC INSTRUMENT	EMC001330	4585/5/27	Feb. 10, 2024
4	Cable	EMC INSTRUMENT	EMCCFD400-NM-N M-2500	N/A	Jun. 08, 2024
5	Cable	EMC INSTRUMENT	EMCCFD400-NM-N M-7000	N/A	Jun. 08, 2024
6	Cable	EMC INSTRUMENT	EMCCFD400-NM-N M-3000	N/A	Jun. 08, 2024
7	MXE EMI Receiver	KEYSIGHT	N9038A	MY59050118	Feb. 10, 2024
8	Positioning Controller	MF	MF-7802BS	N/A	N/A
9	Max-Full Antenna Corp	MF	MFA-560BSN	N/A	N/A
10	Measurement Software	Farad	EZ-EMC Ver.NB-03A1-01	N/A	N/A
11	5G Wireless Test Platform	Starpoint	SP9500	SP9500-20335	Feb. 10, 2024
12	Attenuator	Talent Microwave	TA10A2-S-18	N/A	N/A
13	966 Chamber room	Maorui	9*6*6 (NSA&VSWR)	N/A	Jun. 02, 2024

Radiated Emissions - Above 1 GHz					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	MXE EMI Receiver	Keysight	N9038A	MY59050118	Feb. 10, 2024
2	Measurement Software	Farad	EZ-EMC Ver.NB-03A1-01	N/A	N/A
3	Preamplifier	EMC INSTRUMENT	EMC118A45SE	980739	Feb. 10, 2024
4	Cable	EMC INSTRUMENT	EMC104-SM-SM-1 0000	N/A	Jun. 08, 2024
5	Cable	EMC INSTRUMENT	EMC104-SM-SM-3 000	N/A	Jun. 08, 2024
6	Cable	EMC INSTRUMENT	EMC104-SM-SM-8 00	N/A	Jun. 08, 2024
7	5G Wireless Test Platform	Starpoint	SP9500	SP9500-20335	Feb. 10, 2024
8	Attenuator	Talent Microwave	TA10A2-S-18	N/A	N/A
9	Broad-Band Horn Antenna	Schwarzbeck	BBHA9170	1046	Jul. 05, 2024
10	966 Chamber room	Maorui	9*6*6 (NSA&VSWR)	N/A	Jun. 02, 2024

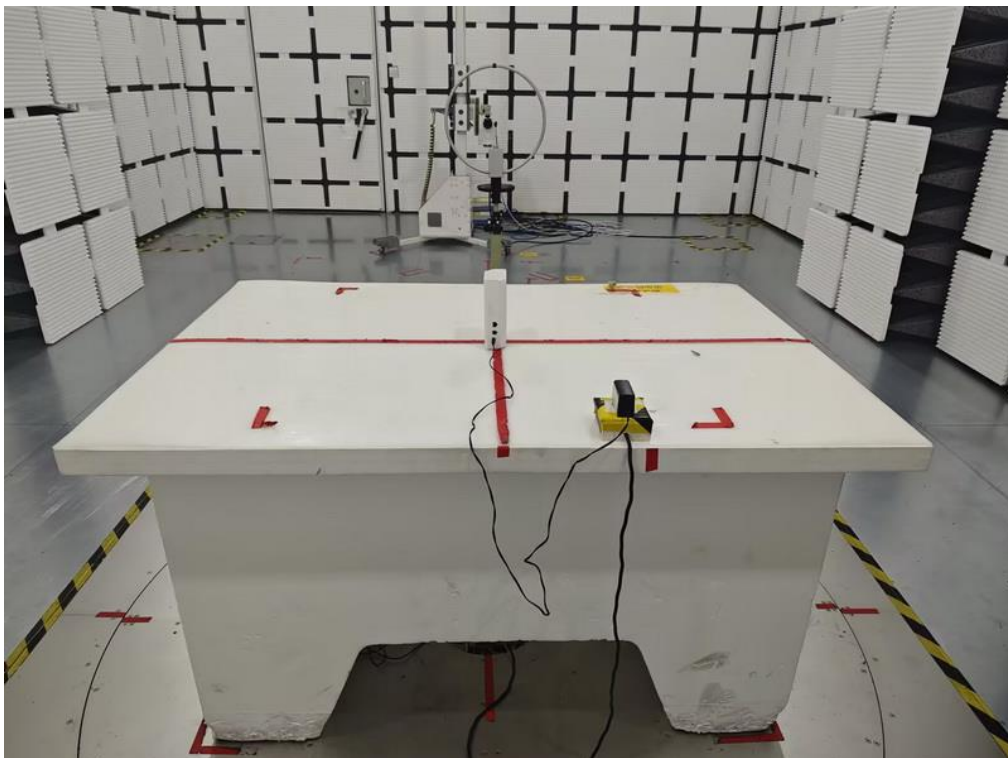
Conducted Measurement					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Signal Analyzer	R&S	FSV 40	100948	Jul. 07, 2024
2	MXA Signal Analyzer	Agilent Technologies	N9020A	MY49100060	Jul. 07, 2024
3	Temperature Chamber	ESPEC	SU-242	93018791	Jul. 07, 2024
4	Power Splitter	NA	ZN2PD2-14W-S +	SF654501927	Feb. 10, 2024
5	Radio Communication Test Station	Anritsu	MT8000A	6261867313	Feb. 11, 2024
6	Measurement Software	Anritsu	UCTS Signaling Ver6.22.121299	N/A	N/A
7	Cable	N/A	RWP50-4.6A-S MSM-1	N/A	N/A
8	5G Wireless Test Platform	Star Point	SP9500	SP9500-20335	Feb. 11, 2024
9	DC POWER SUPPLY	ITECH	IT6332C	8034160117673300	May 10, 2024

Remark: "N/A" denotes no model name, serial no. or calibration specified.
All calibration period of equipment list is one year.

5. EUT TEST PHOTO

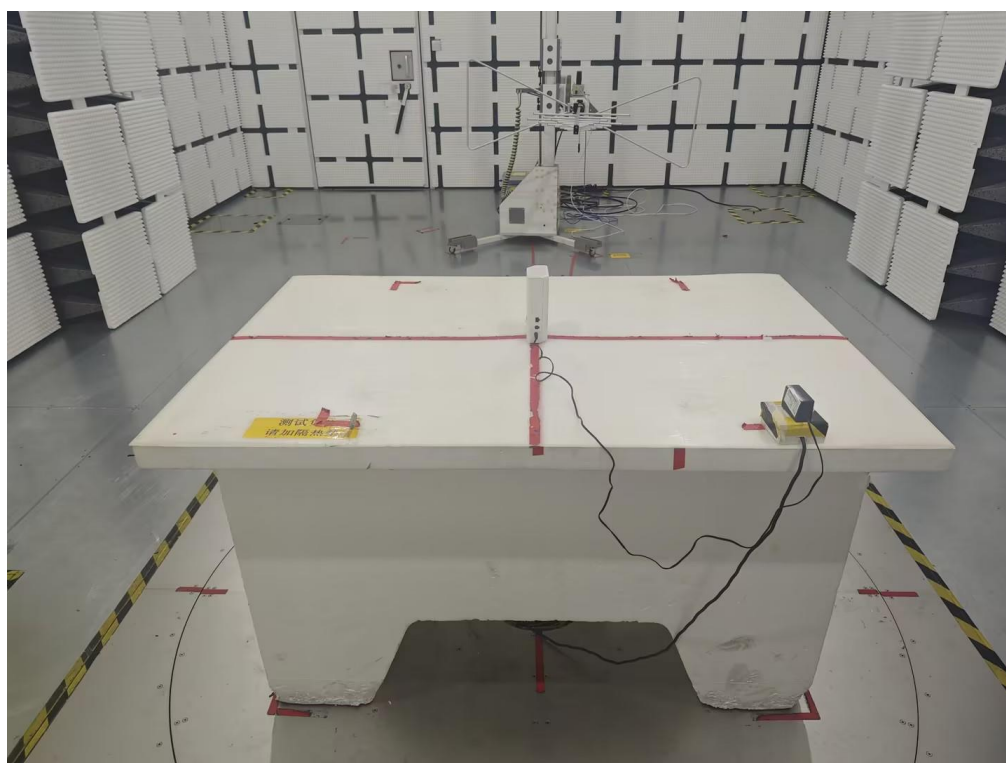
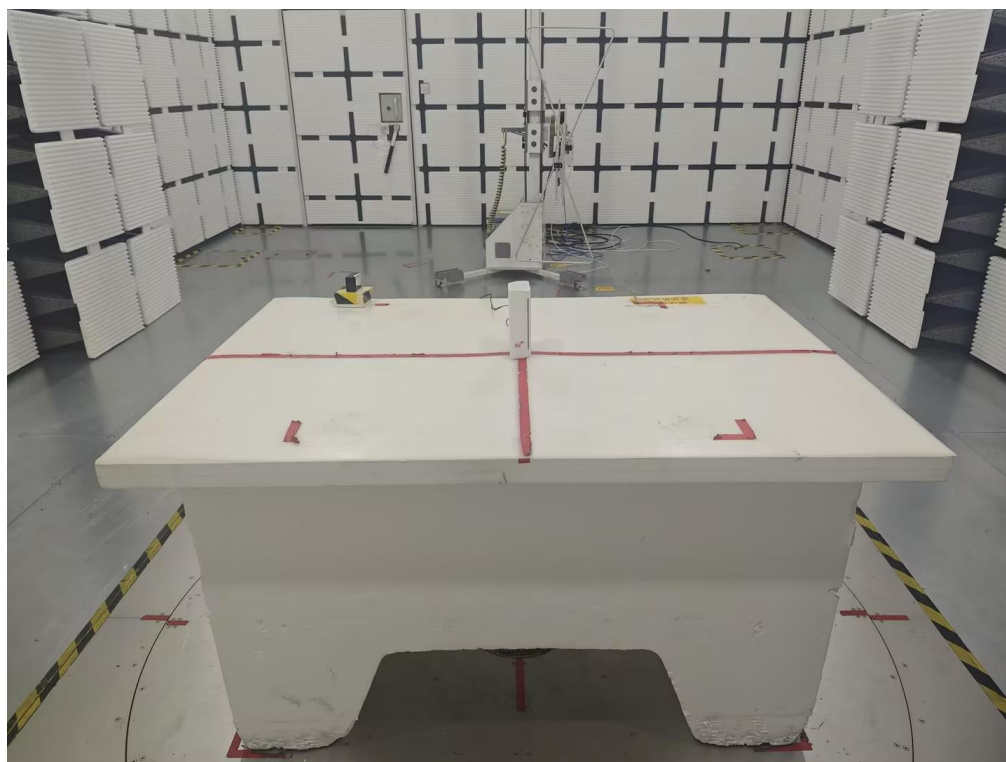
Radiated Emissions Test Photos

9 kHz to 30 MHz



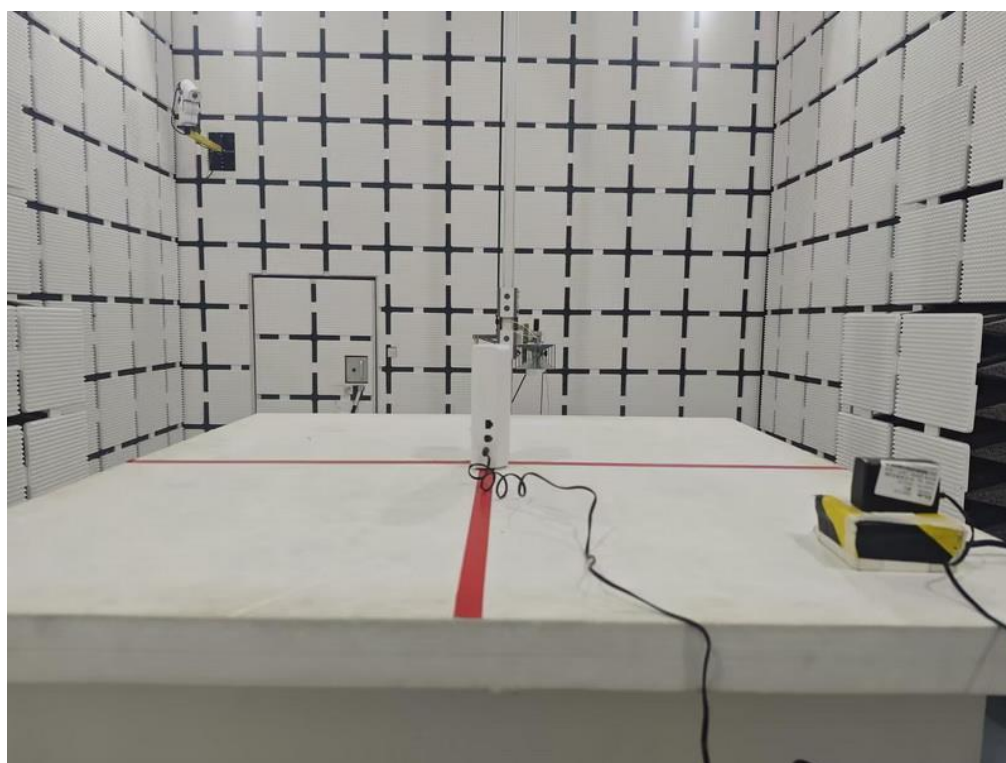
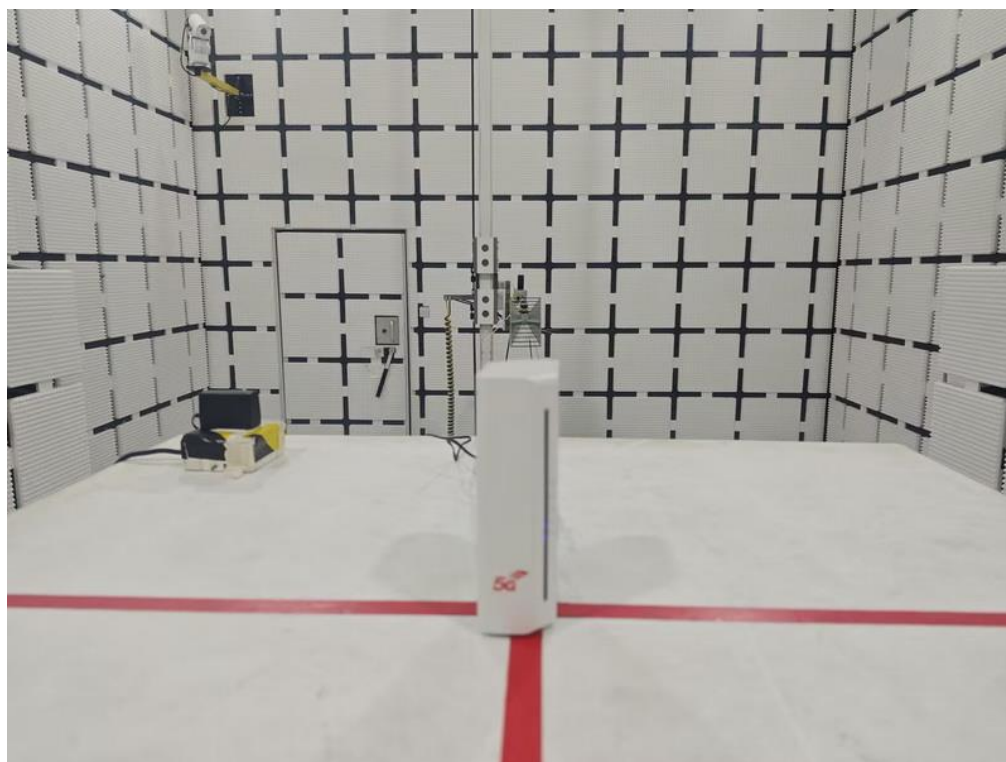
Radiated Emissions Test Photos

30 MHz to 1 GHz



Radiated Emissions Test Photos

Above 1 GHz



APPENDIX A - OUTPUT POWER

For SA n77

n77	Channel	Cell Power	Test Item	Measured	Up Link	Unit	Result	EIRP
				Value				
n77	647000	-57	2.1046 RF power output n77, 10MHz, 30kHz, 647000,1,DFT-s-OFDM P1/2 BPSK*Inner, 1RB, Left-PC2	24.47	30	dBm	PASS	27.74
n77	647000	-57	2.1046 RF power output n77, 10MHz, 30kHz, 647000,2,DFT-s-OFDM P1/2 BPSK*Inner, 1RB, Right-PC2	24.43	30	dBm	PASS	27.70
n77	647000	-57	2.1046 RF power output n77, 10MHz, 30kHz, 647000,3,DFT-s-OFDM P1/2 BPSK*Inner, Full-PC2	24.52	30	dBm	PASS	27.79
n77	647000	-57	2.1046 RF power output n77, 10MHz, 30kHz, 647000,4,DFT-s-OFDM P1/2 BPSK*Edge, 1RB, Left-PC2	22.41	30	dBm	PASS	25.68
n77	647000	-57	2.1046 RF power output n77, 10MHz, 30kHz, 647000,5,DFT-s-OFDM P1/2 BPSK*Edge, 1RB, Right-PC2	22.39	30	dBm	PASS	25.66
n77	647000	-57	2.1046 RF power output n77, 10MHz, 30kHz, 647000,6,DFT-s-OFDM P1/2 BPSK*Outer, Full-PC2	24.03	30	dBm	PASS	27.70
n77	647000	-57	2.1046 RF power output n77, 10MHz, 30kHz, 647000,7,DFT-s-OFDM QPSK*Inner, 1RB, Left-PC2	24.47	30	dBm	PASS	27.74
n77	647000	-57	2.1046 RF power output n77, 10MHz, 30kHz, 647000,8,DFT-s-OFDM QPSK*Inner, 1RB, Right-PC2	24.41	30	dBm	PASS	27.68
n77	647000	-57	2.1046 RF power output n77, 10MHz, 30kHz, 647000,9,DFT-s-OFDM QPSK*Inner, Full-PC2	24.47	30	dBm	PASS	27.74
n77	647000	-57	2.1046 RF power output n77, 10MHz, 30kHz, 647000,10,DFT-s-OFDM QPSK*Edge, 1RB, Left-PC2	22.42	30	dBm	PASS	25.69
n77	647000	-57	2.1046 RF power output n77, 10MHz, 30kHz, 647000,11,DFT-s-OFDM QPSK*Edge, 1RB, Right-PC2	22.39	30	dBm	PASS	25.66
n77	647000	-57	2.1046 RF power output n77, 10MHz, 30kHz, 647000,12,DFT-s-OFDM QPSK*Outer, Full-PC2	23.31	30	dBm	PASS	26.58
n77	647000	-57	2.1046 RF power output n77, 10MHz, 30kHz, 647000,13,DFT-s-OFDM 16QAM*Inner, 1RB, Left-PC2	23.30	30	dBm	PASS	26.57
n77	647000	-57	2.1046 RF power output n77, 10MHz, 30kHz, 647000,14,DFT-s-OFDM 16QAM*Inner, 1RB, Right-PC2	23.25	30	dBm	PASS	26.52
n77	647000	-57	2.1046 RF power output n77, 10MHz, 30kHz, 647000,15,DFT-s-OFDM 16QAM*Inner, Full-PC2	23.31	30	dBm	PASS	26.58
n77	647000	-57	2.1046 RF power output n77, 10MHz, 30kHz, 647000,16,DFT-s-OFDM 16QAM*Edge, 1RB, Left-PC2	22.54	30	dBm	PASS	25.65
n77	647000	-57	2.1046 RF power output n77, 10MHz, 30kHz, 647000,17,DFT-s-OFDM 16QAM*Edge, 1RB, Right-PC2	22.52	30	dBm	PASS	25.79
n77	647000	-57	2.1046 RF power output n77, 10MHz, 30kHz, 647000,18,DFT-s-OFDM 16QAM*Outer, Full-PC2	22.36	30	dBm	PASS	25.63
n77	647000	-57	2.1046 RF power output n77, 10MHz, 30kHz, 647000,19,DFT-s-OFDM 64QAM*Inner, 1RB, Left-PC2	22.45	30	dBm	PASS	25.72
n77	647000	-57	2.1046 RF power output n77, 10MHz, 30kHz, 647000,20,DFT-s-OFDM 64QAM*Inner, 1RB, Right-PC2	22.41	30	dBm	PASS	25.68
n77	647000	-57	2.1046 RF power output n77, 10MHz, 30kHz, 647000,21,DFT-s-OFDM 64QAM*Inner, Full-PC2	22.40	30	dBm	PASS	25.67
n77	647000	-57	2.1046 RF power output n77, 10MHz, 30kHz, 647000,22,DFT-s-OFDM 64QAM*Edge, 1RB, Left-PC2	22.45	30	dBm	PASS	25.72
n77	647000	-57	2.1046 RF power output n77, 10MHz, 30kHz, 647000,23,DFT-s-OFDM 64QAM*Edge, 1RB, Right-PC2	22.41	30	dBm	PASS	25.68
n77	647000	-57	2.1046 RF power output n77, 10MHz, 30kHz, 647000,24,DFT-s-OFDM 64QAM*Outer, Full-PC2	21.87	30	dBm	PASS	25.14
n77	647000	-57	2.1046 RF power output n77, 10MHz, 30kHz, 647000,25,DFT-s-OFDM 256QAM*Inner, 1RB, Left-PC2	19.67	30	dBm	PASS	22.94
n77	647000	-57	2.1046 RF power output n77, 10MHz, 30kHz, 647000,26,DFT-s-OFDM 256QAM*Inner, 1RB, Right-PC2	19.63	30	dBm	PASS	22.90
n77	647000	-57	2.1046 RF power output n77, 10MHz, 30kHz, 647000,27,DFT-s-OFDM 256QAM*Inner, Full-PC2	19.82	30	dBm	PASS	23.09
n77	647000	-57	2.1046 RF power output n77, 10MHz, 30kHz, 647000,28,DFT-s-OFDM 256QAM*Edge, 1RB, Left-PC2	19.65	30	dBm	PASS	22.92
n77	647000	-57	2.1046 RF power output n77, 10MHz, 30kHz, 647000,29,DFT-s-OFDM 256QAM*Edge, 1RB, Right-PC2	19.63	30	dBm	PASS	22.90
n77	647000	-57	2.1046 RF power output n77, 10MHz, 30kHz, 647000,30,DFT-s-OFDM 256QAM*Outer, Full-PC2	19.26	30	dBm	PASS	22.53
n77	647000	-57	2.1046 RF power output n77, 10MHz, 30kHz, 647000,31,CP-OFDM QPSK*Inner, 1RB, Left-PC2	22.72	30	dBm	PASS	25.93
n77	647000	-57	2.1046 RF power output n77, 10MHz, 30kHz, 647000,32,CP-OFDM QPSK*Inner, 1RB, Right-PC2	22.66	30	dBm	PASS	25.99
n77	647000	-57	2.1046 RF power output n77, 10MHz, 30kHz, 647000,33,CP-OFDM QPSK*Inner, Full-PC2	22.72	30	dBm	PASS	26.06
n77	647000	-57	2.1046 RF power output n77, 10MHz, 30kHz, 647000,34,CP-OFDM QPSK*Edge, 1RB, Left-PC2	21.29	30	dBm	PASS	24.52
n77	647000	-57	2.1046 RF power output n77, 10MHz, 30kHz, 647000,35,CP-OFDM QPSK*Edge, 1RB, Right-PC2	21.26	30	dBm	PASS	24.53
n77	647000	-57	2.1046 RF power output n77, 10MHz, 30kHz, 647000,36,CP-OFDM QPSK*Outer, Full-PC2	21.34	30	dBm	PASS	24.61
n77	647000	-57	2.1046 RF power output n77, 10MHz, 30kHz, 647000,37,CP-OFDM 16QAM*Inner, 1RB, Left-PC2	22.51	30	dBm	PASS	25.78
n77	647000	-57	2.1046 RF power output n77, 10MHz, 30kHz, 647000,38,CP-OFDM 16QAM*Inner, 1RB, Right-PC2	22.47	30	dBm	PASS	25.74
n77	647000	-57	2.1046 RF power output n77, 10MHz, 30kHz, 647000,39,CP-OFDM 16QAM*Inner, Full-PC2	22.35	30	dBm	PASS	25.62
n77	647000	-57	2.1046 RF power output n77, 10MHz, 30kHz, 647000,40,CP-OFDM 16QAM*Edge, 1RB, Left-PC2	22.48	30	dBm	PASS	25.75
n77	647000	-57	2.1046 RF power output n77, 10MHz, 30kHz, 647000,41,CP-OFDM 16QAM*Edge, 1RB, Right-PC2	22.47	30	dBm	PASS	25.74
n77	647000	-57	2.1046 RF power output n77, 10MHz, 30kHz, 647000,42,CP-OFDM 16QAM*Outer, Full-PC2	21.29	30	dBm	PASS	24.56
n77	647000	-57	2.1046 RF power output n77, 10MHz, 30kHz, 647000,43,CP-OFDM 64QAM*Inner, 1RB, Left-PC2	22.05	30	dBm	PASS	25.32
n77	647000	-57	2.1046 RF power output n77, 10MHz, 30kHz, 647000,44,CP-OFDM 64QAM*Inner, 1RB, Right-PC2	21.94	30	dBm	PASS	25.21
n77	647000	-57	2.1046 RF power output n77, 10MHz, 30kHz, 647000,45,CP-OFDM 64QAM*Inner, Full-PC2	21.89	30	dBm	PASS	25.16
n77	647000	-57	2.1046 RF power output n77, 10MHz, 30kHz, 647000,46,CP-OFDM 64QAM*Edge, 1RB, Left-PC2	21.95	30	dBm	PASS	25.22
n77	647000	-57	2.1046 RF power output n77, 10MHz, 30kHz, 647000,47,CP-OFDM 64QAM*Edge, 1RB, Right-PC2	21.94	30	dBm	PASS	25.21
n77	647000	-57	2.1046 RF power output n77, 10MHz, 30kHz, 647000,48,CP-OFDM 64QAM*Outer, Full-PC2	20.83	30	dBm	PASS	24.40
n77	647000	-57	2.1046 RF power output n77, 10MHz, 30kHz, 647000,49,CP-OFDM 256QAM*Inner, 1RB, Left-PC2	17.65	30	dBm	PASS	20.92
n77	647000	-57	2.1046 RF power output n77, 10MHz, 30kHz, 647000,50,CP-OFDM 256QAM*Inner, 1RB, Right-PC2	17.61	30	dBm	PASS	20.88
n77	647000	-57	2.1046 RF power output n77, 10MHz, 30kHz, 647000,51,CP-OFDM 256QAM*Inner, Full-PC2	17.78	30	dBm	PASS	21.05
n77	647000	-57	2.1046 RF power output n77, 10MHz, 30kHz, 647000,52,CP-OFDM 256QAM*Edge, 1RB, Left-PC2	17.60	30	dBm	PASS	20.87
n77	647000	-57	2.1046 RF power output n77, 10MHz, 30kHz, 647000,53,CP-OFDM 256QAM*Edge, 1RB, Right-PC2	17.61	30	dBm	PASS	20.88
n77	647000	-57	2.1046 RF power output n77, 10MHz, 30kHz, 647000,54,CP-OFDM 256QAM*Outer, Full-PC2	17.41	30	dBm	PASS	20.86
n77	647000	-57	2.1046 RF power output n77, 10MHz, 30kHz, 647000,49,CP-OFDM 256QAM*Inner, 1RB, Left-PC2	17.65	30	dBm	PASS	20.92
n77	647000	-57	2.1046 RF power output n77, 10MHz, 30kHz, 647000,50,CP-OFDM 256QAM*Inner, 1RB, Right-PC2	17.61	30	dBm	PASS	20.88
n77	647000	-57	2.1046 RF power output n77, 10MHz, 30kHz, 647000,51,CP-OFDM 256QAM*Inner, Full-PC2	17.78	30	dBm	PASS	21.05
n77	647000	-57	2.1046 RF power output n77, 10MHz, 30kHz, 647000,52,CP-OFDM 256QAM*Edge, 1RB, Left-PC2	17.60	30	dBm	PASS	20.87
n77	647000	-57	2.1046 RF power output n77, 10MHz, 30kHz, 647000,53,CP-OFDM 256QAM*Edge, 1RB, Right-PC2	17.61	30	dBm	PASS	20.88
n77	647000	-57	2.1046 RF power output n77, 10MHz, 30kHz, 647000,54,CP-OFDM 256QAM*Outer, Full-PC2	17.41	30	dBm	PASS	20.86
n77	647000	-57	2.1046 RF power output n77, 10MHz, 30kHz, 647000,49,CP-OFDM 256QAM*Inner, 1RB, Left-PC2	17.65	30	dBm	PASS	20.92
n77	647000	-57	2.1046 RF power output n77, 10MHz, 30kHz, 647000,50,CP-OFDM 256QAM*Inner, 1RB, Right-PC2	17.61	30	dBm	PASS	20.88
n77	647000	-57	2.1046 RF power output n77, 10MHz, 30kHz, 647000,51,CP-OFDM 256QAM*Inner, Full-PC2	17.78	30	dBm	PASS	21.05
n77	647000	-57	2.1046 RF power output n77, 10MHz, 30kHz, 647000,52,CP-OFDM 256QAM*Edge, 1RB, Left-PC2	17.60	30	dBm	PASS	20.87
n77	647000	-57	2.1046 RF power output n77, 10MHz, 30kHz, 647000,53,CP-OFDM 256QAM*Edge, 1RB, Right-PC2	17.61	30	dBm	PASS	20.88
n77	647000	-57	2.1046 RF power output n77, 10MHz, 30kHz, 647000,54,CP-OFDM 256QAM*Outer, Full-PC2	17.41	30	dBm	PASS	20.86
n77	647000	-57	2.1046 RF power output n77, 10MHz, 30kHz, 647000,49,CP-OFDM 256QAM*Inner, 1RB, Left-PC2	17.65	30	dBm	PASS	20.92
n77	647000	-57	2.1046 RF power output n77, 10MHz, 30kHz, 647000,50,CP-OFDM 256QAM*Inner, 1RB, Right-PC2	17.61	30	dBm	PASS	20.88
n77	647000	-57	2.1046 RF power output n77, 10MHz, 30kHz, 647000,51,CP-OFDM 256QAM*Inner, Full-PC2	17.78	30	dBm	PASS	21.05
n77	647000	-57	2.1046 RF power output n77, 10MHz, 30kHz, 647000,52,CP-OFDM 256QAM*Edge, 1RB, Left-PC2	17.60	30	dBm	PASS	20.87
n77	647000	-57	2.1046 RF power output n77, 10MHz, 30kHz, 647000,53,CP-OFDM 256QAM*Edge, 1RB, Right-PC2	17.61	30	dBm	PASS	20.88
n77	647000	-57	2.1046 RF power output n77, 10MHz, 30kHz, 647000,54,CP-OFDM 256QAM*Outer, Full-PC2	17.41	30	dBm	PASS	20.86
n77	647000	-57	2.1046 RF power output n77, 10MHz, 30kHz, 647000,49,CP-OFDM 256QAM*Inner, 1RB, Left-PC2	17.65	30	dBm	PASS	20.92
n77	647000	-57	2.1046 RF power output n77, 10MHz, 30kHz, 647000,50,CP-OFDM 256QAM*Inner, 1RB, Right-PC2	17.61	30	dBm	PASS	20.88
n77	647000	-57	2.1046 RF power output n77, 10MHz, 30kHz, 647000,51,CP-OFDM 256QAM*Inner, Full-PC2	17.78	30	dBm	PASS	21.05
n77	647000	-57	2.1046 RF power output n77, 10MHz, 30kHz, 647000,52,CP-OFDM 256QAM*Edge, 1RB, Left-PC2	17.60	30	dBm	PASS	20.87
n77	647000	-57	2.1046 RF power output n77, 10MHz, 30kHz, 647000,53,CP-OFDM 256QAM*Edge, 1RB, Right-PC2	17.61	30	dBm	PASS	20.88
n77	647000	-57	2.1046 RF power output n77, 10MHz, 30kHz, 647000,54,CP-OFDM 256QAM*Outer, Full-PC2	17.41	30	dBm	PASS	20.86
n77	647000	-57	2.1046 RF power output n77, 10MHz, 30kHz, 647000,49,CP-OFDM 256QAM*Inner, 1RB, Left-PC2	17.65	30	dBm	PASS	20.92
n77	647000	-57	2.1046 RF power output n77, 10MHz, 30kHz, 647000,50,CP-OFDM 256QAM*Inner, 1RB, Right-PC2	17.61	30	dBm	PASS	20.88
n77	647000	-57	2.1046 RF power output n77, 10MHz, 30kHz, 647000,51,CP-OFDM 256QAM*Inner, Full-PC2	17.78	30	dBm	PASS	21.05
n77	647000	-57	2.1046 RF power output n77, 10MHz, 30kHz, 647000,52,CP-OFDM 256QAM*Edge, 1RB, Left-PC2	17.60	30	dBm	PASS	20.87
n77	647000	-57	2.1046 RF power output n77, 10MHz, 30kHz, 647000,53,CP-OFDM 256QAM*Edge, 1RB, Right-PC2	17.61	30	dBm	PASS	20.88
n77	647000	-57	2.1046 RF power output n77, 10MHz, 30kHz, 647000,54,CP-OFDM 256QAM*Outer, Full-PC2	17.41	30	dBm	PASS	20.86
n77	647000	-57	2.1046 RF power output n77, 10MHz, 30kHz, 647000,49,CP-OFDM 256QAM*Inner, 1RB, Left-PC2	17.65	30	dBm	PASS	20.92
n77	647000	-57	2.1046 RF power output n77, 10MHz, 30kHz, 647000,50,CP-OFDM 256QAM*Inner, 1RB, Right-PC2	17.61	30	dBm	PASS	20.88
n77	647000	-57	2.1046 RF power output n77, 10MHz, 30kHz, 647000,51,CP-OFDM 256QAM*Inner, Full-PC2	17.78	30	dBm	PASS	21.05
n77	647000	-57	2.1046 RF power output n77, 10MHz, 30kHz, 647000,52,CP-OFDM 256QAM*Edge, 1RB, Left-PC2	17.60	30	dBm	PASS	20.87
n77	647000	-57	2.1046 RF power output n77, 10MHz, 30kHz, 647000,53,CP-OFDM 256QAM*Edge, 1RB, Right-PC2	17.61	30	dBm	PASS	20.88
n77	647000	-57	2.1046 RF power output n77, 10MHz, 30kHz, 647000,54,CP-OFDM 256QAM*Outer, Full-PC2	17.41	30	dBm	PASS	20.86
n77	647000	-57	2.1046 RF power output n77, 10MHz, 30kHz, 647000,49,CP-OFDM 256QAM*Inner, 1RB, Left-PC2	17.65	30	dBm	PASS	20.92
n77	647000	-57	2.1046 RF power output n77, 10MHz, 30kHz, 647000,50,CP-OFDM 256QAM*Inner, 1RB, Right-PC2	17.61	30	dBm	PASS	20.88
n77	647000	-57	2.1046 RF power output n77, 10MHz, 30kHz, 647000,51,CP-OFDM 256QAM*Inner, Full-PC2	17.78	30	dBm	PASS	21.05
n77	647000	-57	2.1046 RF power output n77, 10MHz, 30kHz, 647000,52,CP-OFDM 256QAM*Edge, 1RB, Left-PC2	17.60	30	dBm	PASS	20.87
n77	647000	-57	2.1046 RF power output n77, 10MHz, 30kHz, 647000,53,CP-OFDM 256QAM*Edge, 1RB, Right-PC2	17.61	30	dBm	PASS	20.88
n77	647000	-57	2.1046 RF power output n77, 10MHz, 30kHz, 647000,54,CP-OFDM 256QAM*Outer, Full-PC2	17.41	30	dBm	PASS	20.86
n77	647000	-57	2.1046 RF power output n77, 10MHz, 30kHz, 647000,					

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	Band	Channel	Cell Power	Test Item										Measured Value	Up Limit	Unit	Result	EIRP
n77	647168	-55	2.1046	RF power output	n77	15MHz	30kHz	647168;49;CP-OFDM 256QAM	Inner_1RB	Left	PC2			17.86	30	dBm	PASS	21.13
n77	647168	-55	2.1046	RF power output	n77	15MHz	30kHz	647168;50;CP-OFDM 256QAM	Inner_1RB	Right	PC2			17.91	30	dBm	PASS	21.18
n77	647168	-55	2.1046	RF power output	n77	15MHz	30kHz	647168;51;CP-OFDM 256QAM	Inner_Full	PC2			18.27	30	dBm	PASS	21.54	
n77	647168	-55	2.1046	RF power output	n77	15MHz	30kHz	647168;52;CP-OFDM 256QAM	Edge_1RB	Left	PC2			17.66	30	dBm	PASS	20.93
n77	647168	-55	2.1046	RF power output	n77	15MHz	30kHz	647168;53;CP-OFDM 256QAM	Edge_1RB	Right	PC2			17.77	30	dBm	PASS	21.04
n77	647168	-55	2.1046	RF power output	n77	15MHz	30kHz	647168;54;CP-OFDM 256QAM	Outer_Full	PC2			17.74	30	dBm	PASS	21.01	
n77	656000	-55	2.1046	RF power output	n77	15MHz	30kHz	656000;1;DFT-s-OFDM	PI/2 BPSK	Inner_1RB	Left	PC2		25.44	30	dBm	PASS	28.71
n77	656000	-55	2.1046	RF power output	n77	15MHz	30kHz	656000;2;DFT-s-OFDM	PI/2 BPSK	Inner_1RB	Right	PC2		25.39	30	dBm	PASS	28.66
n77	656000	-55	2.1046	RF power output	n77	15MHz	30kHz	656000;3;DFT-s-OFDM	PI/2 BPSK	Inner_Full	PC2		25.60	30	dBm	PASS	28.87	
n77	656000	-55	2.1046	RF power output	n77	15MHz	30kHz	656000;4;DFT-s-OFDM	PI/2 BPSK	Edge_1RB	Left	PC2		23.34	30	dBm	PASS	26.61
n77	656000	-55	2.1046	RF power output	n77	15MHz	30kHz	656000;5;DFT-s-OFDM	PI/2 BPSK	Edge_1RB	Right	PC2		23.28	30	dBm	PASS	26.55
n77	656000	-55	2.1046	RF power output	n77	15MHz	30kHz	656000;6;DFT-s-OFDM	PI/2 BPSK	Outer_Full	PC2		25.09	30	dBm	PASS	28.36	
n77	656000	-55	2.1046	RF power output	n77	15MHz	30kHz	656000;7;DFT-s-OFDM	QPSK	Inner_1RB	Left	PC2		25.40	30	dBm	PASS	28.67
n77	656000	-55	2.1046	RF power output	n77	15MHz	30kHz	656000;8;DFT-s-OFDM	QPSK	Inner_1RB	Right	PC2		25.35	30	dBm	PASS	28.62
n77	656000	-55	2.1046	RF power output	n77	15MHz	30kHz	656000;9;DFT-s-OFDM	QPSK	Inner_Full	PC2		25.54	30	dBm	PASS	28.81	
n77	656000	-55	2.1046	RF power output	n77	15MHz	30kHz	656000;10;DFT-s-OFDM	QPSK	Edge_1RB	Left	PC2		23.34	30	dBm	PASS	26.61
n77	656000	-55	2.1046	RF power output	n77	15MHz	30kHz	656000;11;DFT-s-OFDM	QPSK	Edge_1RB	Right	PC2		23.27	30	dBm	PASS	26.54
n77	656000	-55	2.1046	RF power output	n77	15MHz	30kHz	656000;12;DFT-s-OFDM	QPSK	Outer_Full	PC2		24.43	30	dBm	PASS	27.70	
n77	656000	-55	2.1046	RF power output	n77	15MHz	30kHz	656000;13;DFT-s-OFDM	16QAM	Inner_1RB	Left	PC2		24.32	30	dBm	PASS	27.59
n77	656000	-55	2.1046	RF power output	n77	15MHz	30kHz	656000;14;DFT-s-OFDM	16QAM	Inner_1RB	Right	PC2		24.23	30	dBm	PASS	27.50
n77	656000	-55	2.1046	RF power output	n77	15MHz	30kHz	656000;15;DFT-s-OFDM	16QAM	Inner_Full	PC2		24.45	30	dBm	PASS	27.72	
n77	656000	-55	2.1046	RF power output	n77	15MHz	30kHz	656000;16;DFT-s-OFDM	16QAM	Edge_1RB	Left	PC2		23.34	30	dBm	PASS	26.61
n77	656000	-55	2.1046	RF power output	n77	15MHz	30kHz	656000;17;DFT-s-OFDM	16QAM	Edge_1RB	Right	PC2		23.27	30	dBm	PASS	26.54
n77	656000	-55	2.1046	RF power output	n77	15MHz	30kHz	656000;18;DFT-s-OFDM	16QAM	Outer_Full	PC2		23.56	30	dBm	PASS	26.83	
n77	656000	-55	2.1046	RF power output	n77	15MHz	30kHz	656000;19;DFT-s-OFDM	16QAM	Inner_1RB	Left	PC2		23.48	30	dBm	PASS	26.75
n77	656000	-55	2.1046	RF power output	n77	15MHz	30kHz	656000;20;DFT-s-OFDM	16QAM	Inner_1RB	Right	PC2		23.43	30	dBm	PASS	26.70
n77	656000	-55	2.1046	RF power output	n77	15MHz	30kHz	656000;21;DFT-s-OFDM	16QAM	Inner_Full	PC2		23.59	30	dBm	PASS	26.86	
n77	656000	-55	2.1046	RF power output	n77	15MHz	30kHz	656000;22;DFT-s-OFDM	16QAM	Edge_1RB	Left	PC2		23.32	30	dBm	PASS	26.59
n77	656000	-55	2.1046	RF power output	n77	15MHz	30kHz	656000;23;DFT-s-OFDM	16QAM	Edge_1RB	Right	PC2		23.27	30	dBm	PASS	26.54
n77	656000	-55	2.1046	RF power output	n77	15MHz	30kHz	656000;24;DFT-s-OFDM	16QAM	Outer_Full	PC2		23.05	30	dBm	PASS	26.32	
n77	656000	-55	2.1046	RF power output	n77	15MHz	30kHz	656000;25;DFT-s-OFDM	256QAM	Inner_1RB	Left	PC2		20.62	30	dBm	PASS	23.89
n77	656000	-55	2.1046	RF power output	n77	15MHz	30kHz	656000;26;DFT-s-OFDM	256QAM	Inner_1RB	Right	PC2		20.57	30	dBm	PASS	23.84
n77	656000	-55	2.1046	RF power output	n77	15MHz	30kHz	656000;27;DFT-s-OFDM	256QAM	Inner_Full	PC2		21.06	30	dBm	PASS	24.33	
n77	656000	-55	2.1046	RF power output	n77	15MHz	30kHz	656000;28;DFT-s-OFDM	256QAM	Edge_1RB	Left	PC2		20.46	30	dBm	PASS	23.73
n77	656000	-55	2.1046	RF power output	n77	15MHz	30kHz	656000;29;DFT-s-OFDM	256QAM	Edge_1RB	Right	PC2		20.40	30	dBm	PASS	23.67
n77	656000	-55	2.1046	RF power output	n77	15MHz	30kHz	656000;30;DFT-s-OFDM	256QAM	Outer_Full	PC2		20.44	30	dBm	PASS	23.71	
n77	656000	-55	2.1046	RF power output	n77	15MHz	30kHz	656000;31;CP-OFDM	QPSK	Inner_1RB	Left	PC2		23.68	30	dBm	PASS	26.95
n77	656000	-55	2.1046	RF power output	n77	15MHz	30kHz	656000;32;CP-OFDM	QPSK	Inner_1RB	Right	PC2		23.60	30	dBm	PASS	26.87
n77	656000	-55	2.1046	RF power output	n77	15MHz	30kHz	656000;33;CP-OFDM	QPSK	Inner_Full	PC2		23.82	30	dBm	PASS	27.09	
n77	656000	-55	2.1046	RF power output	n77	15MHz	30kHz	656000;34;CP-OFDM	QPSK	Edge_1RB	Left	PC2		22.08	30	dBm	PASS	25.35
n77	656000	-55	2.1046	RF power output	n77	15MHz	30kHz	656000;35;CP-OFDM	QPSK	Edge_1RB	Right	PC2		22.07	30	dBm	PASS	25.34
n77	656000	-55	2.1046	RF power output	n77	15MHz	30kHz	656000;36;CP-OFDM	QPSK	Outer_Full	PC2		22.39	30	dBm	PASS	25.66	
n77	656000	-55	2.1046	RF power output	n77	15MHz	30kHz	656000;37;CP-OFDM	16QAM	Inner_1RB	Left	PC2		23.54	30	dBm	PASS	26.81
n77	656000	-55	2.1046	RF power output	n77	15MHz	30kHz	656000;38;CP-OFDM	16QAM	Inner_1RB	Right	PC2		23.47	30	dBm	PASS	26.74
n77	656000	-55	2.1046	RF power output	n77	15MHz	30kHz	656000;39;CP-OFDM	16QAM	Inner_Full	PC2		23.50	30	dBm	PASS	26.77	
n77	656000	-55	2.1046	RF power output	n77	15MHz	30kHz	656000;40;CP-OFDM	16QAM	Edge_1RB	Left	PC2		23.34	30	dBm	PASS	26.61
n77	656000	-55	2.1046	RF power output	n77	15MHz	30kHz	656000;41;CP-OFDM	16QAM	Edge_1RB	Right	PC2		23.33	30	dBm	PASS	26.60
n77	656000	-55	2.1046	RF power output	n77	15MHz	30kHz	656000;42;CP-OFDM	16QAM	Outer_Full	PC2		22.38	30	dBm	PASS	25.65	
n77	656000	-55	2.1046	RF power output	n77	15MHz	30kHz	656000;43;CP-OFDM	64QAM	Inner_1RB	Left	PC2		23.09	30	dBm	PASS	26.36
n77	656000	-55	2.1046	RF power output	n77	15MHz	30kHz	656000;44;CP-OFDM	64QAM	Inner_1RB	Right	PC2		23.02	30	dBm	PASS	26.29
n77	656000	-55	2.1046	RF power output	n77	15MHz	30kHz	656000;45;CP-OFDM	64QAM	Inner_Full	PC2		23.01	30	dBm	PASS	26.28	
n77	656000	-55	2.1046	RF power output	n77	15MHz	30kHz	656000;46;CP-OFDM	64QAM	Edge_1RB	Left	PC2		22.89	30	dBm	PASS	26.16
n77	656000	-55	2.1046	RF power output	n77	15MHz	30kHz	656000;47;CP-OFDM	64QAM	Edge_1RB	Right	PC2		22.87	30	dBm	PASS	26.14
n77	656000	-55	2.1046	RF power output	n77	15MHz	30kHz	656000;48;CP-OFDM	64QAM	Outer_Full	PC2		21.87	30	dBm	PASS	25.14	
n77	656000	-55	2.1046	RF power output	n77	15MHz	30kHz	656000;49;CP-OFDM	256QAM	Inner_1RB	Left	PC2		18.62	30	dBm	PASS	21.89
n77	656000	-55	2.1046	RF power output	n77	15MHz	30kHz	656000;50;CP-OFDM	256QAM	Inner_1RB	Right	PC2		18.54	30	dBm	PASS	21.81
n77	656000	-55	2.1046	RF power output	n77	15MHz	30kHz	656000;51;CP-OFDM	256QAM	Inner_Full	PC2		18.96	30	dBm	PASS	22.23	
n77	656000	-55	2.1046	RF power output	n77	15MHz	30kHz	656000;52;CP-OFDM	256QAM	Edge_1RB	Left	PC2		18.41	30	dBm	PASS	21.68
n77	656000	-55	2.1046	RF power output	n77	15MHz	30kHz	656000;53;CP-OFDM	256QAM	Edge_1RB	Right	PC2		18.39	30	dBm	PASS	21.66
n77	656000	-55	2.1046	RF power output	n77	15MHz	30kHz	656000;54;CP-OFDM	256QAM	Outer_Full	PC2		18.35	30	dBm	PASS	21.62	
n77	664832	-55	2.1046	RF power output	n77	15MHz	30kHz	664832;1;DFT-s-OFDM	PI/2 BPSK	Inner_1RB	Left	PC2		24.86	30	dBm	PASS	28.13
n77	664832	-55	2.1046	RF power output	n77	15MHz	30kHz	664832;2;DFT-s-OFDM	PI/2 BPSK	Inner_1RB	Right	PC2		24.44	30	dBm	PASS	27.71
n77	664832	-55	2.1046	RF power output	n77	15MHz	30kHz	664832;3;DFT-s-OFDM	PI/2 BPSK	Inner_Full	PC2		24.79	30	dBm	PASS	28.06	
n77	664832	-55	2.1046	RF power output	n77	15MHz	30kHz	664832;4;DFT-s-OFDM	PI/2 BPSK	Edge_1RB	Left	PC2		22.79	30	dBm	PASS	26.06
n77	664832	-55	2.1046	RF power output	n77	15MHz	30kHz	664832;5;DFT-s-OFDM	PI/2 BPSK	Edge_1RB	Right	PC2		22.35	30	dBm	PASS	25.62
n77	664832	-55	2.1046	RF power output	n77	15MHz	30kHz	664832;6;DFT-s-OFDM	PI/2 BPSK	Outer_Full	PC2		24.34	30	dBm	PASS	27.61	
n77	664832	-55	2.1046	RF power output	n77	15MHz	30kHz	664832;7;DFT-s-OFDM	QPSK	Inner_1RB	Left	PC2		24.81	30	dBm	PASS	28.08
n77	664832	-55	2.1046	RF power output	n77	15MHz	30kHz	664832;8;DFT-s-OFDM	QPSK	Inner_1RB	Right	PC2		24.38	30	dBm	PASS	27.65
n77	664832	-55	2.1046	RF power output	n77	15MHz	30kHz	664832;9;DFT-s-OFDM	QPSK	Inner_Full	PC2		24.71	30	dBm	PASS	27.98	
n77	664832	-55	2.1046	RF power output	n77	15MHz	30kHz	664832;10;DFT-s-OFDM	QPSK	Edge_1RB	Left	PC2		22.80	30	dBm	PASS	26.07
n77	664832	-55	2.1046	RF power output	n77	15MHz	30kHz	664832;11;DFT-s-OFDM	QPSK	Edge_1RB	Right	PC2		22.34	30	dBm	PASS	25.61
n77	664832	-55	2.1046	RF power output	n77	15MHz	30kHz	664832;12;DFT-s-OFDM	QPSK	Outer_Full	PC2		23.65	30	dBm	PASS	26.92	
n77	664832	-55	2.1046	RF power output	n77	15MHz	30kHz	664832;13;DFT-s-OFDM	16QAM	Inner_1RB	Left	PC2		23.72	30	dBm	PASS	26.99
n77	664832	-55	2.1046	RF power output	n77	15MHz	30kHz	664832;14;DFT-s-OFDM	16QAM	Inner_1RB	Right	PC2		23.30	30	dBm	PASS	26.57
n77	664832	-55	2.1046	RF power output	n77	15MHz	30kHz	664832;15;DFT-s-OFDM	16QAM	Inner_Full	PC2		23.60	30	dBm	PASS	26.91	
n77	6648																	

Band	Channel	Cell Power	Test Item										Measured Value	Up Limit	Unit	Result	EIRP
n77	664832	-55	2.1046 RF power output n77 15MHz 30kHz 664832;46,CP-OFDM 64QAM*Edge_1RB_LeftPC2										22.22	30	dBm	PASS	25.49
n77	664832	-55	2.1046 RF power output n77 15MHz 30kHz 664832;47,CP-OFDM 64QAM*Edge_1RB_RightPC2										21.74	30	dBm	PASS	25.01
n77	664832	-55	2.1046 RF power output n77 15MHz 30kHz 664832;48,CP-OFDM 64QAM*Outer_FullPC2										20.99	30	dBm	PASS	24.26
n77	664832	-55	2.1046 RF power output n77 15MHz 30kHz 664832;49,CP-OFDM 256QAM*Inner_1RB_LeftPC2										18.17	30	dBm	PASS	21.44
n77	664832	-55	2.1046 RF power output n77 15MHz 30kHz 664832;50,CP-OFDM 256QAM*Edge_1RB_RightPC2										17.71	30	dBm	PASS	20.98
n77	664832	-55	2.1046 RF power output n77 15MHz 30kHz 664832;51,CP-OFDM 256QAM*Inner_FullPC2										18.20	30	dBm	PASS	21.47
n77	664832	-55	2.1046 RF power output n77 15MHz 30kHz 664832;52,CP-OFDM 256QAM*Edge_1RB_LeftPC2										18.03	30	dBm	PASS	21.30
n77	664832	-55	2.1046 RF power output n77 15MHz 30kHz 664832;53,CP-OFDM 256QAM*Edge_1RB_RightPC2										17.53	30	dBm	PASS	20.80
n77	664832	-55	2.1046 RF power output n77 15MHz 30kHz 664832;54,CP-OFDM 256QAM*Outer_FullPC2										17.65	30	dBm	PASS	20.92
n77	647334	-54	2.1046 RF power output n77 20MHz 30kHz 647334;1,DFT-s-OFDM PI2 BPSK*Inner_1RB_LeftPC2										24.58	30	dBm	PASS	27.85
n77	647334	-54	2.1046 RF power output n77 20MHz 30kHz 647334;2,DFT-s-OFDM PI2 BPSK*Inner_1RB_RightPC2										24.76	30	dBm	PASS	28.03
n77	647334	-54	2.1046 RF power output n77 20MHz 30kHz 647334;3,DFT-s-OFDM PI2 BPSK*Inner_FullPC2										24.95	30	dBm	PASS	28.22
n77	647334	-54	2.1046 RF power output n77 20MHz 30kHz 647334;4,DFT-s-OFDM PI2 BPSK*Edge_1RB_LeftPC2										22.26	30	dBm	PASS	25.53
n77	647334	-54	2.1046 RF power output n77 20MHz 30kHz 647334;5,DFT-s-OFDM PI2 BPSK*Edge_1RB_RightPC2										22.45	30	dBm	PASS	25.72
n77	647334	-54	2.1046 RF power output n77 20MHz 30kHz 647334;6,DFT-s-OFDM PI2 BPSK*Outer_FullPC2										24.49	30	dBm	PASS	27.76
n77	647334	-54	2.1046 RF power output n77 20MHz 30kHz 647334;7,DFT-s-OFDM QPSK*Inner_1RB_LeftPC2										24.59	30	dBm	PASS	27.86
n77	647334	-54	2.1046 RF power output n77 20MHz 30kHz 647334;8,DFT-s-OFDM QPSK*Inner_1RB_RightPC2										24.74	30	dBm	PASS	28.01
n77	647334	-54	2.1046 RF power output n77 20MHz 30kHz 647334;9,DFT-s-OFDM QPSK*Inner_FullPC2										24.91	30	dBm	PASS	28.18
n77	647334	-54	2.1046 RF power output n77 20MHz 30kHz 647334;10,DFT-s-OFDM QPSK*Edge_1RB_LeftPC2										22.28	30	dBm	PASS	25.55
n77	647334	-54	2.1046 RF power output n77 20MHz 30kHz 647334;11,DFT-s-OFDM QPSK*Edge_1RB_RightPC2										22.45	30	dBm	PASS	25.72
n77	647334	-54	2.1046 RF power output n77 20MHz 30kHz 647334;12,DFT-s-OFDM QPSK*Outer_FullPC2										23.76	30	dBm	PASS	27.03
n77	647334	-54	2.1046 RF power output n77 20MHz 30kHz 647334;13,DFT-s-OFDM 16QAM*Inner_1RB_LeftPC2										23.38	30	dBm	PASS	26.65
n77	647334	-54	2.1046 RF power output n77 20MHz 30kHz 647334;14,DFT-s-OFDM 16QAM*Inner_1RB_RightPC2										23.55	30	dBm	PASS	26.82
n77	647334	-54	2.1046 RF power output n77 20MHz 30kHz 647334;15,DFT-s-OFDM 16QAM*Inner_FullPC2										23.73	30	dBm	PASS	27.00
n77	647334	-54	2.1046 RF power output n77 20MHz 30kHz 647334;16,DFT-s-OFDM 16QAM*Edge_1RB_LeftPC2										22.25	30	dBm	PASS	25.52
n77	647334	-54	2.1046 RF power output n77 20MHz 30kHz 647334;17,DFT-s-OFDM 16QAM*Edge_1RB_RightPC2										22.42	30	dBm	PASS	25.69
n77	647334	-54	2.1046 RF power output n77 20MHz 30kHz 647334;18,DFT-s-OFDM 16QAM*Outer_FullPC2										22.91	30	dBm	PASS	26.18
n77	647334	-54	2.1046 RF power output n77 20MHz 30kHz 647334;19,DFT-s-OFDM 64QAM*Inner_1RB_LeftPC2										22.46	30	dBm	PASS	25.73
n77	647334	-54	2.1046 RF power output n77 20MHz 30kHz 647334;20,DFT-s-OFDM 64QAM*Inner_1RB_RightPC2										22.65	30	dBm	PASS	25.92
n77	647334	-54	2.1046 RF power output n77 20MHz 30kHz 647334;21,DFT-s-OFDM 64QAM*Inner_FullPC2										22.95	30	dBm	PASS	26.22
n77	647334	-54	2.1046 RF power output n77 20MHz 30kHz 647334;22,DFT-s-OFDM 64QAM*Edge_1RB_LeftPC2										22.33	30	dBm	PASS	25.60
n77	647334	-54	2.1046 RF power output n77 20MHz 30kHz 647334;23,DFT-s-OFDM 64QAM*Edge_1RB_RightPC2										22.53	30	dBm	PASS	25.80
n77	647334	-54	2.1046 RF power output n77 20MHz 30kHz 647334;24,DFT-s-OFDM 64QAM*Outer_FullPC2										22.44	30	dBm	PASS	25.71
n77	647334	-54	2.1046 RF power output n77 20MHz 30kHz 647334;25,DFT-s-OFDM 256QAM*Inner_1RB_LeftPC2										19.97	30	dBm	PASS	23.24
n77	647334	-54	2.1046 RF power output n77 20MHz 30kHz 647334;26,DFT-s-OFDM 256QAM*Inner_1RB_RightPC2										20.17	30	dBm	PASS	23.44
n77	647334	-54	2.1046 RF power output n77 20MHz 30kHz 647334;27,DFT-s-OFDM 256QAM*Inner_FullPC2										20.48	30	dBm	PASS	23.75
n77	647334	-54	2.1046 RF power output n77 20MHz 30kHz 647334;28,DFT-s-OFDM 256QAM*Edge_1RB_LeftPC2										19.71	30	dBm	PASS	22.98
n77	647334	-54	2.1046 RF power output n77 20MHz 30kHz 647334;29,DFT-s-OFDM 256QAM*Edge_1RB_RightPC2										19.91	30	dBm	PASS	23.18
n77	647334	-54	2.1046 RF power output n77 20MHz 30kHz 647334;30,DFT-s-OFDM 256QAM*Outer_FullPC2										19.82	30	dBm	PASS	23.09
n77	647334	-54	2.1046 RF power output n77 20MHz 30kHz 647334;31,CP-OFDM QPSK*Inner_1RB_LeftPC2										22.99	30	dBm	PASS	26.26
n77	647334	-54	2.1046 RF power output n77 20MHz 30kHz 647334;32,CP-OFDM QPSK*Inner_1RB_RightPC2										23.11	30	dBm	PASS	26.38
n77	647334	-54	2.1046 RF power output n77 20MHz 30kHz 647334;33,CP-OFDM QPSK*Inner_FullPC2										23.37	30	dBm	PASS	26.64
n77	647334	-54	2.1046 RF power output n77 20MHz 30kHz 647334;34,CP-OFDM QPSK*Edge_1RB_LeftPC2										21.26	30	dBm	PASS	24.53
n77	647334	-54	2.1046 RF power output n77 20MHz 30kHz 647334;35,CP-OFDM QPSK*Edge_1RB_RightPC2										21.47	30	dBm	PASS	24.74
n77	647334	-54	2.1046 RF power output n77 20MHz 30kHz 647334;36,CP-OFDM QPSK*Outer_FullPC2										21.93	30	dBm	PASS	25.20
n77	647334	-54	2.1046 RF power output n77 20MHz 30kHz 647334;37,CP-OFDM 16QAM*Inner_1RB_LeftPC2										22.72	30	dBm	PASS	25.99
n77	647334	-54	2.1046 RF power output n77 20MHz 30kHz 647334;38,CP-OFDM 16QAM*Inner_1RB_RightPC2										22.86	30	dBm	PASS	26.13
n77	647334	-54	2.1046 RF power output n77 20MHz 30kHz 647334;39,CP-OFDM 16QAM*Inner_FullPC2										22.82	30	dBm	PASS	26.09
n77	647334	-54	2.1046 RF power output n77 20MHz 30kHz 647334;40,CP-OFDM 16QAM*Edge_1RB_LeftPC2										22.42	30	dBm	PASS	25.69
n77	647334	-54	2.1046 RF power output n77 20MHz 30kHz 647334;41,CP-OFDM 16QAM*Edge_1RB_RightPC2										22.62	30	dBm	PASS	25.89
n77	647334	-54	2.1046 RF power output n77 20MHz 30kHz 647334;42,CP-OFDM 16QAM*Outer_FullPC2										21.89	30	dBm	PASS	25.16
n77	647334	-54	2.1046 RF power output n77 20MHz 30kHz 647334;43,CP-OFDM 64QAM*Inner_1RB_LeftPC2										22.13	30	dBm	PASS	25.40
n77	647334	-54	2.1046 RF power output n77 20MHz 30kHz 647334;44,CP-OFDM 64QAM*Inner_1RB_RightPC2										22.27	30	dBm	PASS	25.54
n77	647334	-54	2.1046 RF power output n77 20MHz 30kHz 647334;45,CP-OFDM 64QAM*Inner_FullPC2										22.40	30	dBm	PASS	25.67
n77	647334	-54	2.1046 RF power output n77 20MHz 30kHz 647334;46,CP-OFDM 64QAM*Edge_1RB_LeftPC2										21.82	30	dBm	PASS	25.09
n77	647334	-54	2.1046 RF power output n77 20MHz 30kHz 647334;47,CP-OFDM 64QAM*Edge_1RB_RightPC2										22.10	30	dBm	PASS	25.37
n77	647334	-54	2.1046 RF power output n77 20MHz 30kHz 647334;48,CP-OFDM 64QAM*Outer_FullPC2										21.43	30	dBm	PASS	24.70
n77	647334	-54	2.1046 RF power output n77 20MHz 30kHz 647334;49,CP-OFDM 256QAM*Inner_1RB_LeftPC2										17.93	30	dBm	PASS	21.20
n77	647334	-54	2.1046 RF power output n77 20MHz 30kHz 647334;50,CP-OFDM 256QAM*Inner_1RB_RightPC2										18.07	30	dBm	PASS	21.34
n77	647334	-54	2.1046 RF power output n77 20MHz 30kHz 647334;51,CP-OFDM 256QAM*Inner_FullPC2										18.42	30	dBm	PASS	21.69
n77	647334	-54	2.1046 RF power output n77 20MHz 30kHz 647334;52,CP-OFDM 256QAM*Edge_1RB_LeftPC2										17.62	30	dBm	PASS	20.89
n77	647334	-54	2.1046 RF power output n77 20MHz 30kHz 647334;53,CP-OFDM 256QAM*Edge_1RB_RightPC2										17.84	30	dBm	PASS	21.11
n77	647334	-54	2.1046 RF power output n77 20MHz 30kHz 647334;54,CP-OFDM 256QAM*Outer_FullPC2										17.98	30	dBm	PASS	21.25
n77	656000	-54	2.1046 RF power output n77 20MHz 30kHz 656000;1,DFT-s-OFDM PI2 BPSK*Inner_1RB_LeftPC2										25.37	30	dBm	PASS	28.64
n77	656000	-54	2.1046 RF power output n77 20MHz 30kHz 656000;2,DFT-s-OFDM PI2 BPSK*Inner_1RB_RightPC2										25.32	30	dBm	PASS	28.59
n77	656000	-54	2.1046 RF power output n77 20MHz 30kHz 656000;3,DFT-s-OFDM PI2 BPSK*Inner_FullPC2										25.74	30	dBm	PASS	29.01
n77	656000	-54	2.1046 RF power output n77 20MHz 30kHz 656000;4,DFT-s-OFDM PI2 BPSK*Edge_1RB_LeftPC2										23.14	30	dBm	PASS	26.41
n77	656000	-54	2.1046 RF power output n77 20MHz 30kHz 656000;5,DFT-s-OFDM PI2 BPSK*Edge_1RB_RightPC2										23.09	30	dBm	PASS	26.36
n77	656000	-54	2.1046 RF power output n77 20MHz 30kHz 656000;6,DFT-s-OFDM PI2 BPSK*Outer_FullPC2										25.25	30	dBm	PASS	28.52
n77	656000	-54	2.1046 RF power output n77 20MHz 30kHz 656000;7,DFT-s-OFDM QPSK*Inner_1RB_LeftPC2										25.37	30	dBm	PASS	28.64
n77	656000	-54	2.1046 RF power output n77 20MHz 30kHz 656000;8,DFT-s-OFDM QPSK*Inner_1RB_RightPC2										25.30	30	dBm	PASS	28.57
n77	656000	-54	2.1046 RF power output n77 20MHz 30kHz 656000;9,DFT-s-OFDM QPSK*Inner_FullPC2										25.67	30	dBm	PASS	28.94
n77	656000	-54	2.1046 RF power output n77 20MHz 30kHz 656000;10,DFT-s-OFDM QPSK*Edge_1RB_LeftPC2										23.16	30	dBm	PASS	26.43
n77	656000	-54	2.1046 RF power output n77 20MHz 30kHz 656000;11,DFT-s-OFDM QPSK*Edge_1RB_RightPC2										23.09	30	dBm	PASS	26.36
n77	656000	-54	2.1046 RF power output n77 20MHz 30kHz 656000;12,DFT-s-OFDM QPSK*Outer_FullPC2										24.54	30	dBm	PASS	27.81
n77	656000	-54	2.1046 RF power output n77 20MHz 30kHz 656000;13,DFT-s-OFDM 16QAM*Inner_1RB_LeftPC2										24.21	30	dBm	PASS	27.48
n77	656000	-54	2.1046 RF power output n77 20MHz 30kHz 656000;14,DFT-s-OFDM 16QAM*Inner_1RB_RightPC2										24.15	30	dBm	PASS	27.42
n77	656000	-54	2.1046 RF power output n77 20MHz 30kHz 656000;15,DFT-s-OFDM 16QAM*Inner_FullPC2										24.50	30	dBm	PASS	27.77
n77	656000	-54	2.1046 RF power output n77 20MHz 30kHz 656000;16,DFT-s-OFDM 16QAM*Edge_1RB_LeftPC2										23.14	30	dBm	PASS	26.41
n77	656000	-54	2.1046 RF power output n77 20MHz 30kHz 656000;17,DFT-s-OFDM 16QAM*Edge_1RB_RightPC2										23.06	30	dBm	PASS	26.33
n77	656000	-54	2.1046 RF power output n77 20MHz 30kHz 656000;18,DFT-s-OFDM 16QAM*Outer_FullPC2										23.64	30	dBm	PASS	26.91
n77	656000	-54	2.1046 RF power output n77 20MHz 30kHz 656000;19,DFT-s-OFDM 64QAM*Inner_1RB_LeftPC2										23.36	30	dBm	PASS	26.63
n77	656000	-54	2.1046 RF power output n77 20MHz 30kHz 656000;20,DFT-s-OFDM 64QAM*Inner_1RB_RightPC2										23.30	30	dBm	PASS	26.57
n77	656000	-54	2.1046 RF power output n77 20MHz 30kHz 656000;21,DFT-s-OFDM 64QAM*Inner_FullPC2										23.69	30	dBm	PASS	26.96
n77	656000	-54	2.1046 RF power output n77 20MHz 30kHz 656000;22,DFT-s-OFDM 64QAM*Edge_1RB_LeftPC2										23.10	30	dBm	PASS	26.37
n77	656000	-54	2.1046 RF power output n77 20MHz 30kHz 656000;23,DFT-s-OFDM 64QAM*Edge_1RB_RightPC2										23.04	30	dBm	PASS	26.31
n77	656000	-54	2.1046 RF power output n77 20MHz 30kHz 656000;24,DFT-s-OFDM 64QAM*Outer_FullPC2										23.19	30	dBm	PASS	26.46
n77	656000	-54	2.1046 RF power output n77 20MHz 30kHz 656000;25,DFT-s-OFDM 256QAM*Inner_1RB_LeftPC2										20.48	30	dBm	PASS	23.75
n77	656000	-54	2.1046 RF power output n77 20MHz 30kHz 656000;26,DFT-s-OFDM 256QAM*Inner_1RB_RightPC2										20.42	30	dBm	PASS	23.69
n77	656000	-54	2.1046 RF power output n77 20MHz 30kHz 656000;27,DFT-s-OFDM 256QAM*Inner_FullPC2										21.08	30	dBm	PASS	24.35
n77	656000	-54	2.1046 RF power output n77 20MHz 30kHz 656000;28,DFT-s-OFDM 256QAM*Edge_1RB_LeftPC2										20.22	30	dBm	PASS	23.49
n77	656000	-54	2.1046 RF power output n77 20MHz 30kHz 656000;29,DFT-s-OFDM 256QAM*Edge_1RB_RightPC2										20.15	30	dBm	PASS	23.42
n77	656000	-54	2.1046 RF power output n77 20MHz 30kHz 656000;30,DFT-s-OFDM 256QAM*Outer_FullPC2										20.52	30	dBm	PASS	23.79
n77	656000	-54	2.1046 RF power output n77 20MHz 30kHz 656000;31,CP-OFDM QPSK*Inner_1RB_LeftPC2										23.64	30	dBm	PASS	26.91
n77	656000	-54	2.1046 RF power output n77 20MHz 30kHz 656000;32,CP-OFDM QPSK*Inner_1RB_RightPC2										23.53	30	dBm	PASS	26.80
n77	656000	-54	2.1046 RF power output n77 20MHz 30kHz 656000;33,CP-OFDM QPSK*Inner_FullPC2										23.96	30	dBm	PASS	27.23
n77	656000	-54	2.1046 RF power output n77 20MHz 30kHz 656000;34,CP-OFDM QPSK*Edge_1RB_LeftPC2										21.90	30	dBm	PASS	25.17
n77	656000	-54	2.1046 RF power output n77 20MHz 30kHz 656000;35,CP-OFDM QPSK*Edge_1RB_RightPC2										21.87	30	dBm	PASS	25.14
n77																	

Band	Channel	Cell Power	Test Item	Measured Value	Up Limit	Unit	Result	EIRP
n77	656000	-54	2.1046 RF power output:n77_20MHz_30kHz 656000;43;CP-OFDM 64QAM*Inner_1RB_Left.PC2	22.96	30	dBm	PASS	26.23
n77	656000	-54	2.1046 RF power output:n77_20MHz_30kHz 656000;44;CP-OFDM 64QAM*Inner_1RB_Right.PC2	22.87	30	dBm	PASS	26.14
n77	656000	-54	2.1046 RF power output:n77_20MHz_30kHz 656000;45;CP-OFDM 64QAM*Inner_Full.PC2	23.12	30	dBm	PASS	26.39
n77	656000	-54	2.1046 RF power output:n77_20MHz_30kHz 656000;46;CP-OFDM 64QAM*Edge_1RB_Left.PC2	22.67	30	dBm	PASS	25.94
n77	656000	-54	2.1046 RF power output:n77_20MHz_30kHz 656000;47;CP-OFDM 64QAM*Edge_1RB_Right.PC2	22.64	30	dBm	PASS	25.91
n77	656000	-54	2.1046 RF power output:n77_20MHz_30kHz 656000;48;CP-OFDM 64QAM*Outer_Full.PC2	22.00	30	dBm	PASS	25.27
n77	656000	-54	2.1046 RF power output:n77_20MHz_30kHz 656000;49;CP-OFDM 256QAM*Inner_1RB_Left.PC2	18.58	30	dBm	PASS	21.85
n77	656000	-54	2.1046 RF power output:n77_20MHz_30kHz 656000;50;CP-OFDM 256QAM*Inner_1RB_Right.PC2	18.48	30	dBm	PASS	21.75
n77	656000	-54	2.1046 RF power output:n77_20MHz_30kHz 656000;51;CP-OFDM 256QAM*Inner_Full.PC2	19.13	30	dBm	PASS	22.40
n77	656000	-54	2.1046 RF power output:n77_20MHz_30kHz 656000;52;CP-OFDM 256QAM*Edge_1RB_Left.PC2	18.28	30	dBm	PASS	21.55
n77	656000	-54	2.1046 RF power output:n77_20MHz_30kHz 656000;53;CP-OFDM 256QAM*Edge_1RB_Right.PC2	18.24	30	dBm	PASS	21.51
n77	656000	-54	2.1046 RF power output:n77_20MHz_30kHz 656000;54;CP-OFDM 256QAM*Outer_Full.PC2	18.52	30	dBm	PASS	21.79
n77	664666	-54	2.1046 RF power output:n77_20MHz_30kHz 664666;1;DFT-s-OFDM Pi/2 BPSK*Inner_1RB_Left.PC2	24.33	30	dBm	PASS	27.60
n77	664666	-54	2.1046 RF power output:n77_20MHz_30kHz 664666;2;DFT-s-OFDM Pi/2 BPSK*Inner_1RB_Right.PC2	23.94	30	dBm	PASS	27.21
n77	664666	-54	2.1046 RF power output:n77_20MHz_30kHz 664666;3;DFT-s-OFDM Pi/2 BPSK*Inner_Full.PC2	24.58	30	dBm	PASS	27.85
n77	664666	-54	2.1046 RF power output:n77_20MHz_30kHz 664666;4;DFT-s-OFDM Pi/2 BPSK*Edge_1RB_Left.PC2	22.10	30	dBm	PASS	25.37
n77	664666	-54	2.1046 RF power output:n77_20MHz_30kHz 664666;5;DFT-s-OFDM Pi/2 BPSK*Edge_1RB_Right.PC2	21.70	30	dBm	PASS	24.97
n77	664666	-54	2.1046 RF power output:n77_20MHz_30kHz 664666;6;DFT-s-OFDM Pi/2 BPSK*Outer_Full.PC2	23.87	30	dBm	PASS	27.14
n77	664666	-54	2.1046 RF power output:n77_20MHz_30kHz 664666;7;DFT-s-OFDM QPSK*Inner_1RB_Left.PC2	24.30	30	dBm	PASS	27.57
n77	664666	-54	2.1046 RF power output:n77_20MHz_30kHz 664666;8;DFT-s-OFDM QPSK*Inner_1RB_Right.PC2	23.90	30	dBm	PASS	27.17
n77	664666	-54	2.1046 RF power output:n77_20MHz_30kHz 664666;9;DFT-s-OFDM QPSK*Inner_Full.PC2	24.50	30	dBm	PASS	27.77
n77	664666	-54	2.1046 RF power output:n77_20MHz_30kHz 664666;10;DFT-s-OFDM QPSK*Edge_1RB_Left.PC2	22.13	30	dBm	PASS	25.40
n77	664666	-54	2.1046 RF power output:n77_20MHz_30kHz 664666;11;DFT-s-OFDM QPSK*Edge_1RB_Right.PC2	21.70	30	dBm	PASS	24.97
n77	664666	-54	2.1046 RF power output:n77_20MHz_30kHz 664666;12;DFT-s-OFDM QPSK*Outer_Full.PC2	23.36	30	dBm	PASS	26.63
n77	664666	-54	2.1046 RF power output:n77_20MHz_30kHz 664666;13;DFT-s-OFDM 16QAM*Inner_1RB_Left.PC2	23.16	30	dBm	PASS	26.43
n77	664666	-54	2.1046 RF power output:n77_20MHz_30kHz 664666;14;DFT-s-OFDM 16QAM*Inner_1RB_Right.PC2	22.77	30	dBm	PASS	26.04
n77	664666	-54	2.1046 RF power output:n77_20MHz_30kHz 664666;15;DFT-s-OFDM 16QAM*Inner_Full.PC2	23.33	30	dBm	PASS	26.60
n77	664666	-54	2.1046 RF power output:n77_20MHz_30kHz 664666;16;DFT-s-OFDM 16QAM*Edge_1RB_Left.PC2	22.10	30	dBm	PASS	25.37
n77	664666	-54	2.1046 RF power output:n77_20MHz_30kHz 664666;17;DFT-s-OFDM 16QAM*Edge_1RB_Right.PC2	21.68	30	dBm	PASS	24.95
n77	664666	-54	2.1046 RF power output:n77_20MHz_30kHz 664666;18;DFT-s-OFDM 16QAM*Outer_Full.PC2	22.53	30	dBm	PASS	25.80
n77	664666	-54	2.1046 RF power output:n77_20MHz_30kHz 664666;19;DFT-s-OFDM 64QAM*Inner_1RB_Left.PC2	22.32	30	dBm	PASS	25.59
n77	664666	-54	2.1046 RF power output:n77_20MHz_30kHz 664666;20;DFT-s-OFDM 64QAM*Inner_1RB_Right.PC2	21.93	30	dBm	PASS	25.20
n77	664666	-54	2.1046 RF power output:n77_20MHz_30kHz 664666;21;DFT-s-OFDM 64QAM*Inner_Full.PC2	22.60	30	dBm	PASS	25.87
n77	664666	-54	2.1046 RF power output:n77_20MHz_30kHz 664666;22;DFT-s-OFDM 64QAM*Edge_1RB_Left.PC2	22.06	30	dBm	PASS	25.33
n77	664666	-54	2.1046 RF power output:n77_20MHz_30kHz 664666;23;DFT-s-OFDM 64QAM*Edge_1RB_Right.PC2	21.60	30	dBm	PASS	24.87
n77	664666	-54	2.1046 RF power output:n77_20MHz_30kHz 664666;24;DFT-s-OFDM 64QAM*Outer_Full.PC2	22.01	30	dBm	PASS	25.28
n77	664666	-54	2.1046 RF power output:n77_20MHz_30kHz 664666;25;DFT-s-OFDM 256QAM*Inner_1RB_Left.PC2	19.71	30	dBm	PASS	22.98
n77	664666	-54	2.1046 RF power output:n77_20MHz_30kHz 664666;26;DFT-s-OFDM 256QAM*Inner_1RB_Right.PC2	19.30	30	dBm	PASS	22.57
n77	664666	-54	2.1046 RF power output:n77_20MHz_30kHz 664666;27;DFT-s-OFDM 256QAM*Inner_Full.PC2	20.04	30	dBm	PASS	23.31
n77	664666	-54	2.1046 RF power output:n77_20MHz_30kHz 664666;28;DFT-s-OFDM 256QAM*Edge_1RB_Left.PC2	19.43	30	dBm	PASS	22.70
n77	664666	-54	2.1046 RF power output:n77_20MHz_30kHz 664666;29;DFT-s-OFDM 256QAM*Edge_1RB_Right.PC2	19.02	30	dBm	PASS	22.29
n77	664666	-54	2.1046 RF power output:n77_20MHz_30kHz 664666;30;DFT-s-OFDM 256QAM*Outer_Full.PC2	19.52	30	dBm	PASS	22.79
n77	664666	-54	2.1046 RF power output:n77_20MHz_30kHz 664666;31;CP-OFDM QPSK*Inner_1RB_Left.PC2	22.66	30	dBm	PASS	25.93
n77	664666	-54	2.1046 RF power output:n77_20MHz_30kHz 664666;32;CP-OFDM QPSK*Inner_1RB_Right.PC2	22.27	30	dBm	PASS	25.54
n77	664666	-54	2.1046 RF power output:n77_20MHz_30kHz 664666;33;CP-OFDM QPSK*Inner_Full.PC2	22.93	30	dBm	PASS	26.20
n77	664666	-54	2.1046 RF power output:n77_20MHz_30kHz 664666;34;CP-OFDM QPSK*Edge_1RB_Left.PC2	21.05	30	dBm	PASS	24.32
n77	664666	-54	2.1046 RF power output:n77_20MHz_30kHz 664666;35;CP-OFDM QPSK*Edge_1RB_Right.PC2	20.63	30	dBm	PASS	23.90
n77	664666	-54	2.1046 RF power output:n77_20MHz_30kHz 664666;36;CP-OFDM QPSK*Outer_Full.PC2	21.45	30	dBm	PASS	24.72
n77	664666	-54	2.1046 RF power output:n77_20MHz_30kHz 664666;37;CP-OFDM 16QAM*Inner_1RB_Left.PC2	22.43	30	dBm	PASS	25.70
n77	664666	-54	2.1046 RF power output:n77_20MHz_30kHz 664666;38;CP-OFDM 16QAM*Inner_1RB_Right.PC2	22.04	30	dBm	PASS	25.31
n77	664666	-54	2.1046 RF power output:n77_20MHz_30kHz 664666;39;CP-OFDM 16QAM*Inner_Full.PC2	22.46	30	dBm	PASS	25.73
n77	664666	-54	2.1046 RF power output:n77_20MHz_30kHz 664666;40;CP-OFDM 16QAM*Edge_1RB_Left.PC2	22.20	30	dBm	PASS	25.47
n77	664666	-54	2.1046 RF power output:n77_20MHz_30kHz 664666;41;CP-OFDM 16QAM*Edge_1RB_Right.PC2	21.79	30	dBm	PASS	25.06
n77	664666	-54	2.1046 RF power output:n77_20MHz_30kHz 664666;42;CP-OFDM 16QAM*Outer_Full.PC2	21.44	30	dBm	PASS	24.71
n77	664666	-54	2.1046 RF power output:n77_20MHz_30kHz 664666;43;CP-OFDM 64QAM*Inner_1RB_Left.PC2	21.88	30	dBm	PASS	25.15
n77	664666	-54	2.1046 RF power output:n77_20MHz_30kHz 664666;44;CP-OFDM 64QAM*Inner_1RB_Right.PC2	21.48	30	dBm	PASS	24.75
n77	664666	-54	2.1046 RF power output:n77_20MHz_30kHz 664666;45;CP-OFDM 64QAM*Inner_Full.PC2	21.96	30	dBm	PASS	25.23
n77	664666	-54	2.1046 RF power output:n77_20MHz_30kHz 664666;46;CP-OFDM 64QAM*Edge_1RB_Left.PC2	21.64	30	dBm	PASS	24.91
n77	664666	-54	2.1046 RF power output:n77_20MHz_30kHz 664666;47;CP-OFDM 64QAM*Edge_1RB_Right.PC2	21.24	30	dBm	PASS	24.51
n77	664666	-54	2.1046 RF power output:n77_20MHz_30kHz 664666;48;CP-OFDM 64QAM*Outer_Full.PC2	20.98	30	dBm	PASS	24.25
n77	664666	-54	2.1046 RF power output:n77_20MHz_30kHz 664666;49;CP-OFDM 256QAM*Inner_1RB_Left.PC2	17.68	30	dBm	PASS	20.95
n77	664666	-54	2.1046 RF power output:n77_20MHz_30kHz 664666;50;CP-OFDM 256QAM*Inner_1RB_Right.PC2	17.25	30	dBm	PASS	20.52
n77	664666	-54	2.1046 RF power output:n77_20MHz_30kHz 664666;51;CP-OFDM 256QAM*Inner_Full.PC2	18.05	30	dBm	PASS	21.32
n77	664666	-54	2.1046 RF power output:n77_20MHz_30kHz 664666;52;CP-OFDM 256QAM*Edge_1RB_Left.PC2	17.43	30	dBm	PASS	20.70
n77	664666	-54	2.1046 RF power output:n77_20MHz_30kHz 664666;53;CP-OFDM 256QAM*Edge_1RB_Right.PC2	16.98	30	dBm	PASS	20.25
n77	664666	-54	2.1046 RF power output:n77_20MHz_30kHz 664666;54;CP-OFDM 256QAM*Outer_Full.PC2	17.56	30	dBm	PASS	20.83
n77	664666	-54	2.1046 RF power output:n77_20MHz_30kHz 664666;55;DFT-s-OFDM Pi/2 BPSK*Inner_1RB_Left.PC2	22.94	30	dBm	PASS	26.21
n77	664666	-54	2.1046 RF power output:n77_20MHz_30kHz 664666;56;DFT-s-OFDM Pi/2 BPSK*Inner_1RB_Right.PC2	23.03	30	dBm	PASS	26.30
n77	664666	-54	2.1046 RF power output:n77_20MHz_30kHz 664666;57;DFT-s-OFDM Pi/2 BPSK*Inner_Full.PC2	23.85	30	dBm	PASS	27.12
n77	664666	-54	2.1046 RF power output:n77_20MHz_30kHz 664666;58;DFT-s-OFDM Pi/2 BPSK*Edge_1RB_Left.PC2	20.30	30	dBm	PASS	23.57
n77	664666	-54	2.1046 RF power output:n77_20MHz_30kHz 664666;59;DFT-s-OFDM Pi/2 BPSK*Edge_1RB_Right.PC2	20.41	30	dBm	PASS	23.68
n77	664666	-54	2.1046 RF power output:n77_20MHz_30kHz 664666;60;DFT-s-OFDM Pi/2 BPSK*Outer_Full.PC2	23.38	30	dBm	PASS	26.65
n77	664666	-54	2.1046 RF power output:n77_20MHz_30kHz 664666;61;DFT-s-OFDM QPSK*Inner_1RB_Left.PC2	22.97	30	dBm	PASS	26.24
n77	664666	-54	2.1046 RF power output:n77_20MHz_30kHz 664666;62;DFT-s-OFDM QPSK*Inner_1RB_Right.PC2	23.04	30	dBm	PASS	26.31
n77	664666	-54	2.1046 RF power output:n77_20MHz_30kHz 664666;63;DFT-s-OFDM QPSK*Inner_Full.PC2	23.83	30	dBm	PASS	27.10
n77	664666	-54	2.1046 RF power output:n77_20MHz_30kHz 664666;64;DFT-s-OFDM QPSK*Edge_1RB_Left.PC2	20.35	30	dBm	PASS	23.62
n77	664666	-54	2.1046 RF power output:n77_20MHz_30kHz 664666;65;DFT-s-OFDM QPSK*Edge_1RB_Right.PC2	20.43	30	dBm	PASS	23.70
n77	664666	-54	2.1046 RF power output:n77_20MHz_30kHz 664666;66;DFT-s-OFDM QPSK*Outer_Full.PC2	22.67	30	dBm	PASS	25.94
n77	664666	-54	2.1046 RF power output:n77_20MHz_30kHz 664666;67;DFT-s-OFDM 16QAM*Inner_1RB_Left.PC2	21.92	30	dBm	PASS	25.19
n77	664666	-54	2.1046 RF power output:n77_20MHz_30kHz 664666;68;DFT-s-OFDM 16QAM*Inner_1RB_Right.PC2	22.00	30	dBm	PASS	25.27
n77	664666	-54	2.1046 RF power output:n77_20MHz_30kHz 664666;69;DFT-s-OFDM 16QAM*Inner_Full.PC2	22.63	30	dBm	PASS	25.90
n77	664666	-54	2.1046 RF power output:n77_20MHz_30kHz 664666;70;DFT-s-OFDM 16QAM*Edge_1RB_Left.PC2	20.51	30	dBm	PASS	23.78
n77	664666	-54	2.1046 RF power output:n77_20MHz_30kHz 664666;71;DFT-s-OFDM 16QAM*Edge_1RB_Right.PC2	20.60	30	dBm	PASS	23.87
n77	664666	-54	2.1046 RF power output:n77_20MHz_30kHz 664666;72;DFT-s-OFDM 16QAM*Outer_Full.PC2	21.63	30	dBm	PASS	24.90
n77	664666	-54	2.1046 RF power output:n77_20MHz_30kHz 664666;73;DFT-s-OFDM 64QAM*Inner_1RB_Left.PC2	20.79	30	dBm	PASS	24.06
n77	664666	-54	2.1046 RF power output:n77_20MHz_30kHz 664666;74;DFT-s-OFDM 64QAM*Inner_1RB_Right.PC2	20.90	30	dBm	PASS	24.17
n77	664666	-54	2.1046 RF power output:n77_20MHz_30kHz 664666;75;DFT-s-OFDM 64QAM*Inner_Full.PC2	21.62	30	dBm	PASS	24.89
n77	664666	-54	2.1046 RF power output:n77_20MHz_30kHz 664666;76;DFT-s-OFDM 64QAM*Edge_1RB_Left.PC2	20.40	30	dBm	PASS	23.67
n77	664666	-54	2.1046 RF power output:n77_20MHz_30kHz 664666;77;DFT-s-OFDM 64QAM*Edge_1RB_Right.PC2	20.51	30	dBm	PASS	23.78
n77	664666	-54	2.1046 RF power output:n77_20MHz_30kHz 664666;78;DFT-s-OFDM 64QAM*Outer_Full.PC2	21.15	30	dBm	PASS	24.42
n77	664666	-54	2.1046 RF power output:n77_20MHz_30kHz 664666;79;DFT-s-OFDM 256QAM*Inner_1RB_Left.PC2	18.01	30	dBm	PASS	21.28
n77	664666	-54	2.1046 RF power output:n77_20MHz_30kHz 664666;80;DFT-s-OFDM 256QAM*Inner_1RB_Right.PC2	18.10	30	dBm	PASS	21.37
n77	664666	-54	2.1046 RF power output:n77_20MHz_30kHz 664666;81;DFT-s-OFDM 256QAM*Inner_Full.PC2	19.00	30	dBm	PASS	22.27
n77	664666	-54	2.1046 RF power output:n77_20MHz_30kHz 664666;82;DFT-s-OFDM 256QAM*Edge_1RB_Left.PC2	17.62	30	dBm	PASS	20.89
n77	664666	-54	2.1046 RF power output:n77_20MHz_30kHz 664666;83;DFT-s-OFDM 256QAM*Edge_1RB_Right.PC2	17.71	30	dBm	PASS	20.98
n77	664666	-54	2.1046 RF power output:n77_20MHz_30kHz 664666;84;DFT-s-OFDM 256QAM*Outer_Full.PC2	18.50	30	dBm	PASS	21.77
n77	664666	-54	2.1046 RF power output:n77_20MHz_30kHz 664666;85;CP-OFDM QPSK*Inner_1RB_Left.PC2	21.21	30	dBm	PASS	24.48
n77	664666	-54	2.1046 RF power output:n77_20MHz_30kHz 664666;86;CP-OFDM QPSK*Inner_1RB_Right.PC2	21.27	30	dBm	PASS	