



FCC Radio Test Report

FCC ID: 2AIBC-GOLIGHT3

This report concerns: Original Grant

Project No. : 2410C020
Equipment : Light Phone III
Brand Name : Light
Test Model : TLP301
Series Model : N/A
Applicant : The Light Phone Inc.
Address : 19 Morris Avenue Brooklyn, NY 11205 United States
Manufacturer : The Light Phone Inc.
Address : 19 Morris Avenue Brooklyn, NY 11205 United States
Factory : SHENZHEN FUTAIHONG PRECISION INDUSTRY CO.,LTD.
Address : ROOM 101, FOXCONN F7 FACTORY, NO.2, DONGHUAN 2ND ROAD,
FUKANG COMMUNITY, LONGHUA STREET, LONGHUA DISTRICT,
SHENZHEN, P.R.CHINA
Date of Receipt : Oct. 09, 2024
Date of Test : Oct. 11, 2024 ~ Feb. 18, 2025
Issued Date : Mar. 03, 2025
Report Version : R01
Test Sample : Engineering Sample No.: SSL20241009197 for radiated, SSL20250102152,
SSL20241009196, SSL20241009195 for conducted.
Standard(s) : 47 CFR FCC Part 27 Subpart Q
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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Declaration

BTL represents to the client that testing is done in accordance with standard procedures as applicable and that test instruments used has been calibrated with standards traceable to international standard(s) and/or national standard(s).

BTL's reports apply only to the specific samples tested under conditions. It is manufacture's responsibility to ensure that additional production units of this model are manufactured with the identical electrical and mechanical components. BTL assumes no responsibility for the data provided by the customer, any statements, inferences or generalizations drawn by the customer or others from the reports issued by BTL.

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BTL's laboratory quality assurance procedures are in compliance with the ISO/IEC 17025: 2017 requirements, and accredited by the conformity assessment authorities listed in this test report.

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-15-2410C020	R00	Original Report.	Feb. 20, 2025	Invalid
BTL-FCCP-15-2410C020	R01	Update the address of applicant.	Mar. 03, 2025	Valid

1. APPLICABLE STANDARDS

According to the specifications of the manufacturer, the EUT must comply with the requirements of the following standards:

ANSI C63.26-2015

The following reference test guidance is not within the scope of accreditation of A2LA:

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 Q & Part 2			
Standard(s) Section	Test Item	Judgment	Remark
2.1046	Output Power	PASS	-----
27.50(k)(3)	Equivalent Isotropic Radiated Power	PASS	-----
2.1049	Occupied Bandwidth	PASS	-----
2.1051 27.53(n)(2)	Conducted Spurious Emissions	PASS	-----
2.1051 27.53(n)(2)	Radiated Spurious Emissions	PASS	-----
2.1051 27.53(n)(2)	Band Edge Measurements	PASS	-----
27.50(k)(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

For Radiated test:

The test facilities used to collect the test data in this report is at the location of 1-2/F, 4/F, Building A, 1-2/F, Building B, 3/F, Building C, No.3, Jinshagang 1st Road, Dalang Town, Dongguan City, Guangdong People's Republic of China.

For others:

Room 108-116, 309-310, Building 2, No.1, Yile Road, Songshan Lake Zone, Dongguan City, Guangdong, People's Republic of China.

BTL's Registration Number for FCC: 747969

BTL's Designation Number for FCC: CN1377

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	Ant. H / V	U_c (dB)
DG-CB03 (3m)	CISPR	30MHz ~ 200MHz	V	4.40
		30MHz ~ 200MHz	H	3.62
		200MHz ~ 1,000MHz	V	4.58
		200MHz ~ 1,000MHz	H	3.98

Test Site	Method	Measurement Frequency Range	U_c (dB)
DG-CB03 (3m)	CISPR	1GHz ~ 6GHz	4.08
		6GHz ~ 18GHz	4.62

Test Site	Method	Measurement Frequency Range	U_c (dB)
DG-CB03 (1m)	CISPR	18 ~ 26.5 GHz	3.36

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	Test Date
Output Power & EIRP	25°C	37%	DC 3.8V	Gavin Ge	Oct. 11, 2024 ~ Feb. 18, 2025
Occupied Bandwidth	25°C	37%	DC 3.8V	Gavin Ge	Oct. 11, 2024 ~ Feb. 18, 2025
Conducted Spurious Emissions	25°C	37%	DC 3.8V	Gavin Ge	Oct. 11, 2024 ~ Feb. 18, 2025
Radiated Spurious Emissions (9 kHz to 30 MHz)	26°C	47%	DC 3.8V	Vance Lv	Dec. 11, 2024
Radiated Spurious Emissions (30 MHz to 1000 MHz)	21°C	38%	DC 3.8V	Allen Tong	Dec. 18, 2024
Radiated Spurious Emissions (Above 1000 MHz)	22-23°C	40-42%	DC 3.8V	Allen Tong Calvin Wen	Dec. 18, 2024 Jan. 21, 2025
Band Edge	25°C	37%	DC 3.8V	Gavin Ge	Oct. 11, 2024 ~ Feb. 18, 2025
Peak to Average Ratio	25°C	37%	DC 3.8V	Gavin Ge	Oct. 11, 2024 ~ Feb. 18, 2025
Frequency Stability	Normal & Extreme	37%	Normal & Extreme	Gavin Ge	Oct. 11, 2024 ~ Feb. 18, 2025

3. GENERAL INFORMATION

3.1 GENERAL DESCRIPTION OF EUT

Equipment	Light Phone III	
Brand Name	Light	
Test Model	TLP301	
Series Model	N/A	
Model Difference(s)	N/A	
Software Version	V1.330.00.0_B01_00WW	
Hardware Version	DVT	
Power Source	1# Supplied from USB-C port. 2# Battery supplied. Model: HE414	
Power Rating	1# DC 5V/900mA 2# Rated Capacity: 1730mAh/6.67Wh 1800mAh/6.93Wh Rated Voltage: 3.85V	
Radio System Type	SA	
Power Class	2 , 3	
SCS	30KHz	
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.	Radiated	359125420005706
	Conducted	359125420007496/359125420003834/359125420004907
Max. E.I.R.P.	Please refer to note 2.	

Note:

1. For a more detailed features description, please refer to the manufacturer's specifications or the user's manual.

2. Max. E.I.R.P.:

Band	Channel Bandwidth (MHz)	Modulation Type	EIRP (dBm)
n77	20M	DFT-s-OFDM PI/2 BPSK	24.42
n77	30M	DFT-s-OFDM PI/2 BPSK	24.44
n77	40M	DFT-s-OFDM PI/2 BPSK	24.33
n77	60M	DFT-s-OFDM PI/2 BPSK	24.28
n77	80M	DFT-s-OFDM PI/2 BPSK	24.17
n77	100M	DFT-s-OFDM PI/2 BPSK	24.04

n77	20M	DFT-s-OFDM QPSK	24.38
n77	30M	DFT-s-OFDM QPSK	24.47
n77	40M	DFT-s-OFDM QPSK	24.25
n77	60M	DFT-s-OFDM QPSK	24.2
n77	80M	DFT-s-OFDM QPSK	24.07
n77	100M	DFT-s-OFDM QPSK	24.16

n77	20M	DFT-s-OFDM 16QAM	23.42
n77	30M	DFT-s-OFDM 16QAM	23.34
n77	40M	DFT-s-OFDM 16QAM	23.28
n77	60M	DFT-s-OFDM 16QAM	23.17
n77	80M	DFT-s-OFDM 16QAM	23.05
n77	100M	DFT-s-OFDM 16QAM	23.09

n77	20M	DFT-s-OFDM 64QAM	21.87
n77	30M	DFT-s-OFDM 64QAM	22.03
n77	40M	DFT-s-OFDM 64QAM	21.9
n77	60M	DFT-s-OFDM 64QAM	21.65
n77	80M	DFT-s-OFDM 64QAM	21.66
n77	100M	DFT-s-OFDM 64QAM	21.64

n77	20M	DFT-s-OFDM 256QAM	19.92
n77	30M	DFT-s-OFDM 256QAM	21.07
n77	40M	DFT-s-OFDM 256QAM	19.91
n77	60M	DFT-s-OFDM 256QAM	19.82
n77	80M	DFT-s-OFDM 256QAM	19.69
n77	100M	DFT-s-OFDM 256QAM	19.63

n77	20M	CP-OFDM QPSK	22.86
n77	30M	CP-OFDM QPSK	22.99
n77	40M	CP-OFDM QPSK	22.96
n77	60M	CP-OFDM QPSK	22.73
n77	80M	CP-OFDM QPSK	22.61
n77	100M	CP-OFDM QPSK	22.57

n77	20M	CP-OFDM 16QAM	22.36
n77	30M	CP-OFDM 16QAM	22.42
n77	40M	CP-OFDM 16QAM	22.4
n77	60M	CP-OFDM 16QAM	22.12
n77	80M	CP-OFDM 16QAM	22.13
n77	100M	CP-OFDM 16QAM	22.04

Band	Channel Bandwidth (MHz)	Modulation Type	EIRP (dBm)
n77	20M	CP-OFDM 64QAM	21.05
n77	30M	CP-OFDM 64QAM	21.2
n77	40M	CP-OFDM 64QAM	21.11
n77	60M	CP-OFDM 64QAM	20.84
n77	80M	CP-OFDM 64QAM	20.8
n77	100M	CP-OFDM 64QAM	20.91
n77	20M	CP-OFDM 256QAM	18.16
n77	30M	CP-OFDM 256QAM	18.26
n77	40M	CP-OFDM 256QAM	18.13
n77	60M	CP-OFDM 256QAM	17.92
n77	80M	CP-OFDM 256QAM	17.82
n77	100M	CP-OFDM 256QAM	17.89

Band	Channel Bandwidth (MHz)	Modulation Type	EIRP (dBm)
n78	20M	DFT-s-OFDM PI/2 BPSK	24.24
n78	30M	DFT-s-OFDM PI/2 BPSK	24.16
n78	40M	DFT-s-OFDM PI/2 BPSK	24.1
n78	50M	DFT-s-OFDM PI/2 BPSK	24.33
n78	60M	DFT-s-OFDM PI/2 BPSK	24.47
n78	70M	DFT-s-OFDM PI/2 BPSK	24.2
n78	80M	DFT-s-OFDM PI/2 BPSK	24.52
n78	90M	DFT-s-OFDM PI/2 BPSK	24.47
n78	100M	DFT-s-OFDM PI/2 BPSK	24.44
n78	20M	DFT-s-OFDM QPSK	24.03
n78	30M	DFT-s-OFDM QPSK	23.77
n78	40M	DFT-s-OFDM QPSK	23.92
n78	50M	DFT-s-OFDM QPSK	24.32
n78	60M	DFT-s-OFDM QPSK	24.43
n78	70M	DFT-s-OFDM QPSK	24.36
n78	80M	DFT-s-OFDM QPSK	24.39
n78	90M	DFT-s-OFDM QPSK	24.42
n78	100M	DFT-s-OFDM QPSK	24.35
n78	20M	DFT-s-OFDM 16QAM	23.09
n78	30M	DFT-s-OFDM 16QAM	23.07
n78	40M	DFT-s-OFDM 16QAM	22.97
n78	50M	DFT-s-OFDM 16QAM	23.35
n78	60M	DFT-s-OFDM 16QAM	23.35
n78	70M	DFT-s-OFDM 16QAM	23.35
n78	80M	DFT-s-OFDM 16QAM	23.39
n78	90M	DFT-s-OFDM 16QAM	23.4
n78	100M	DFT-s-OFDM 16QAM	23.41

Band	Channel Bandwidth (MHz)	Modulation Type	EIRP (dBm)
n78	20M	DFT-s-OFDM 64QAM	21.61
n78	30M	DFT-s-OFDM 64QAM	21.58
n78	40M	DFT-s-OFDM 64QAM	21.65
n78	50M	DFT-s-OFDM 64QAM	21.90
n78	60M	DFT-s-OFDM 64QAM	21.95
n78	70M	DFT-s-OFDM 64QAM	21.85
n78	80M	DFT-s-OFDM 64QAM	21.87
n78	90M	DFT-s-OFDM 64QAM	22
n78	100M	DFT-s-OFDM 64QAM	21.98
n78	20M	DFT-s-OFDM 256QAM	20.24
n78	30M	DFT-s-OFDM 256QAM	20.25
n78	40M	DFT-s-OFDM 256QAM	20.41
n78	50M	DFT-s-OFDM 256QAM	19.96
n78	60M	DFT-s-OFDM 256QAM	20.09
n78	70M	DFT-s-OFDM 256QAM	20.16
n78	80M	DFT-s-OFDM 256QAM	19.99
n78	90M	DFT-s-OFDM 256QAM	20.12
n78	100M	DFT-s-OFDM 256QAM	20.07
n78	20M	CP-OFDM QPSK	21.91
n78	30M	CP-OFDM QPSK	22.35
n78	40M	CP-OFDM QPSK	22.14
n78	50M	CP-OFDM QPSK	22.53
n78	60M	CP-OFDM QPSK	22.66
n78	70M	CP-OFDM QPSK	22.77
n78	80M	CP-OFDM QPSK	22.61
n78	90M	CP-OFDM QPSK	22.52
n78	100M	CP-OFDM QPSK	21.35
n78	20M	CP-OFDM 16QAM	21.9
n78	30M	CP-OFDM 16QAM	21.98
n78	40M	CP-OFDM 16QAM	21.78
n78	50M	CP-OFDM 16QAM	22.17
n78	60M	CP-OFDM 16QAM	22.37
n78	70M	CP-OFDM 16QAM	22.38
n78	80M	CP-OFDM 16QAM	22.3
n78	90M	CP-OFDM 16QAM	22.17
n78	100M	CP-OFDM 16QAM	22.2
n78	20M	CP-OFDM 64QAM	21.33
n78	30M	CP-OFDM 64QAM	21.19
n78	40M	CP-OFDM 64QAM	20.94
n78	50M	CP-OFDM 64QAM	21.13
n78	60M	CP-OFDM 64QAM	21.13
n78	70M	CP-OFDM 64QAM	21.25
n78	80M	CP-OFDM 64QAM	21.13
n78	90M	CP-OFDM 64QAM	21.14
n78	100M	CP-OFDM 64QAM	21.1

Band	Channel Bandwidth (MHz)	Modulation Type	EIRP (dBm)
n78	20M	CP-OFDM 256QAM	18.59
n78	30M	CP-OFDM 256QAM	18.57
n78	40M	CP-OFDM 256QAM	18.75
n78	50M	CP-OFDM 256QAM	18.26
n78	60M	CP-OFDM 256QAM	18.52
n78	70M	CP-OFDM 256QAM	18.46
n78	80M	CP-OFDM 256QAM	18.32
n78	90M	CP-OFDM 256QAM	18.37
n78	100M	CP-OFDM 256QAM	18.21

3. Channel List:

5G NR FCC n77(3450-3550)						
Bandwidth	Low Channel	Mid	High	Low	Mid	High
		Channel	Channel	Frequency	Frequency	Frequency
20	3460.02	3500.01	3540	630668	633334	636000
30	3465	3500.01	3534.99	631000	633334	635666
40	3470.01	3500.01	3530.01	631334	633334	635334
60	3480	3500.01	3519.99	632000	633334	634666
80	3490.02	3500.01	3510	632668	633334	634000
100	/	3500.01	/	/	633334	/

5G NR FCC n78(3450-3550)						
Bandwidth	Low Channel	Mid	High	Low	Mid	High
		Channel	Channel	Frequency	Frequency	Frequency
20	3460.02	3500.01	3540	630668	633334	636000
30	3465	3500.01	3534.99	631000	633334	635666
40	3470.01	3500.01	3530.01	631334	633334	635334
50	3475.02	3500.01	3525	631668	633334	635000
60	3480	3500.01	3519.99	632000	633334	634666
70	3485.01	3500.01	3515.01	632334	633334	634334
80	3490.02	3500.01	3510	632668	633334	634000
90	3495	3500.01	3504.99	633000	633334	633666
100	/	3500.01	/	/	633334	/

4. Table for Filed Antenna:

Brand	Model Name	Antenna Type	Connector	Gain (dBi)	Note
N/A	N/A	PIFA	N/A	-0.34	5G NR n77&n78

Note: 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	Low, Mid, High	20MHz	DFT-s-OFDM PI/2 BPSK, DFT-s-OFDM QPSK, DFT-s-OFDM 16QAM, DFT-s-OFDM 64QAM, DFT-s-OFDM 256QAM CP-OFDM QPSK, CP-OFDM 16QAM, CP-OFDM 64QAM, CP-OFDM 256QAM	Inner_Full Edge_1RB_Left Edge_1RB_Right Outer_Full
		30MHz		
		40MHz		
		60MHz		
		80MHz		
	Mid	100MHz		
Occupied Bandwidth	Low, Mid, High	20MHz	DFT-s-OFDM PI/2 BPSK, DFT-s-OFDM QPSK, DFT-s-OFDM 16QAM, DFT-s-OFDM 64QAM, DFT-s-OFDM 256QAM CP-OFDM QPSK, CP-OFDM 16QAM, CP-OFDM 64QAM, CP-OFDM 256QAM	Outer Full
		30MHz		
		40MHz		
		60MHz		
		80MHz		
	Mid	100MHz		
Conducted Spurious Emission	Low, Mid, High	20MHz	DFT-s-OFDM PI/2 BPSK, DFT-s-OFDM PI/2 QPSK	1RB # 0
		60MHz		
		100MHz		
Radiated Spurious Emission	Mid	20MHz	DFT-s-OFDM QPSK	1RB # 0
	Mid	100MHz		
Band Edge	Low, Mid, High	20MHz	DFT-s-OFDM PI/2 BPSK, DFT-s-OFDM PI/2 QPSK	Edge 1RB Left Edge 1RB Right Outer Full
	Low, Mid, High	60MHz		
	Low, Mid, High	100MHz		
Peak To Average Ratio	Low, Mid, High	20MHz	DFT-s-OFDM PI/2 BPSK, DFT-s-OFDM PI/2QPSK	Edge 1RB Left Outer Full
Frequency Stability	Low, High	20MHz	DFT-s-OFDM QPSK	Outer Full

NR n78				
Test Item	Tested Channel	Channel Bandwidth	Modulation	RB allocation
Output Power & EIRP	Low, Mid, High	20MHz	DFT-s-OFDM PI/2 BPSK, DFT-s-OFDM QPSK, DFT-s-OFDM 16QAM, DFT-s-OFDM 64QAM, DFT-s-OFDM 256QAM CP-OFDM QPSK, CP-OFDM 16QAM, CP-OFDM 64QAM, CP-OFDM 256QAM	Inner_Full Edge_1RB_Left Edge_1RB_Right Outer_Full
		30MHz		
		40MHz		
		50MHz		
		60MHz		
		70MHz		
		80MHz		
		90MHz		
	Mid	100MHz		
Occupied Bandwidth	Low, Mid, High	20MHz	DFT-s-OFDM PI/2 BPSK, DFT-s-OFDM QPSK, DFT-s-OFDM 16QAM, DFT-s-OFDM 64QAM, DFT-s-OFDM 256QAM CP-OFDM QPSK, CP-OFDM 16QAM, CP-OFDM 64QAM, CP-OFDM 256QAM	Outer Full
		30MHz		
		40MHz		
		50MHz		
		60MHz		
		70MHz		
		80MHz		
		90MHz		
	Mid	100MHz		
Radiated Spurious Emission	Mid	20MHz	DFT-s-OFDM QPSK	1RB # 0
	Mid	100MHz		

Note:

- 1) Since the power of DFT-S-OFDM modulation mode is higher than that of CP-OFMD, 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) All X, Y and Z axes are evaluated, but only the worst case (X axis) is recorded.

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	Brand	Model No.	Series No.
-	-	-	-	-

Item	Cable Type	Shielded Type	Ferrite Core	Length
-	-	-	-	-

4. TEST RESULT

4.1 OUTPUT POWER MEASUREMENT

4.1.1 LIMIT

Mobile devices are limited to 1Watt (30 dBm) 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:

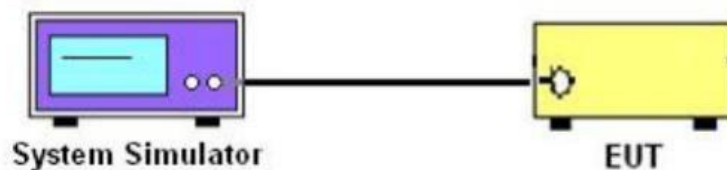
$ERP = EIRP - 2.15$

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.

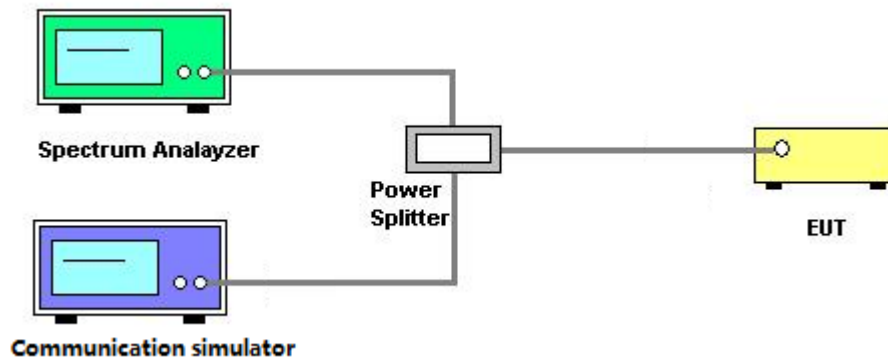
4.2 OCCUPIED BANDWIDTH MEASUREMENT

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

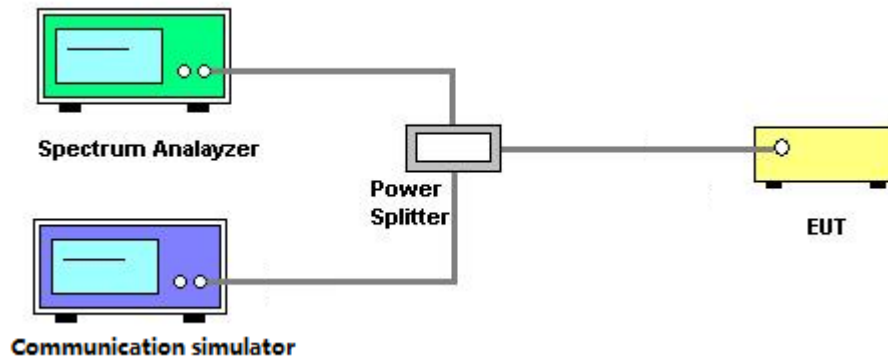
For mobile operations in the 3450-3550 MHz band, the conducted power of any emission outside the licensee's authorized bandwidth shall not exceed -13 dBm/MHz.

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 (dB μ V/m) = 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.

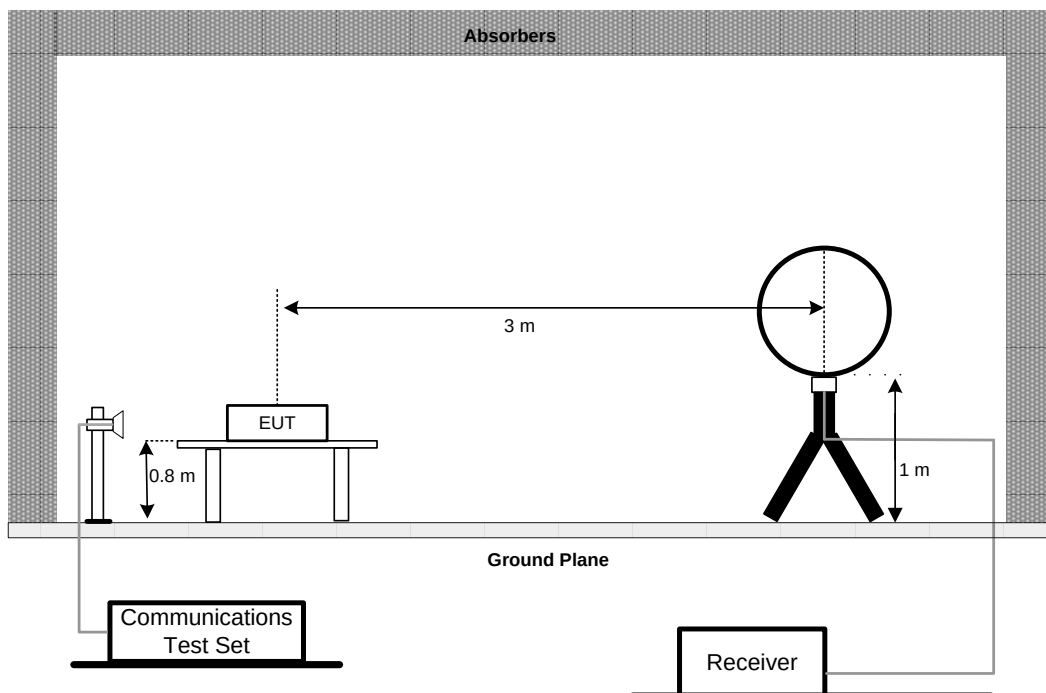
4.4.2 TEST PROCEDURES

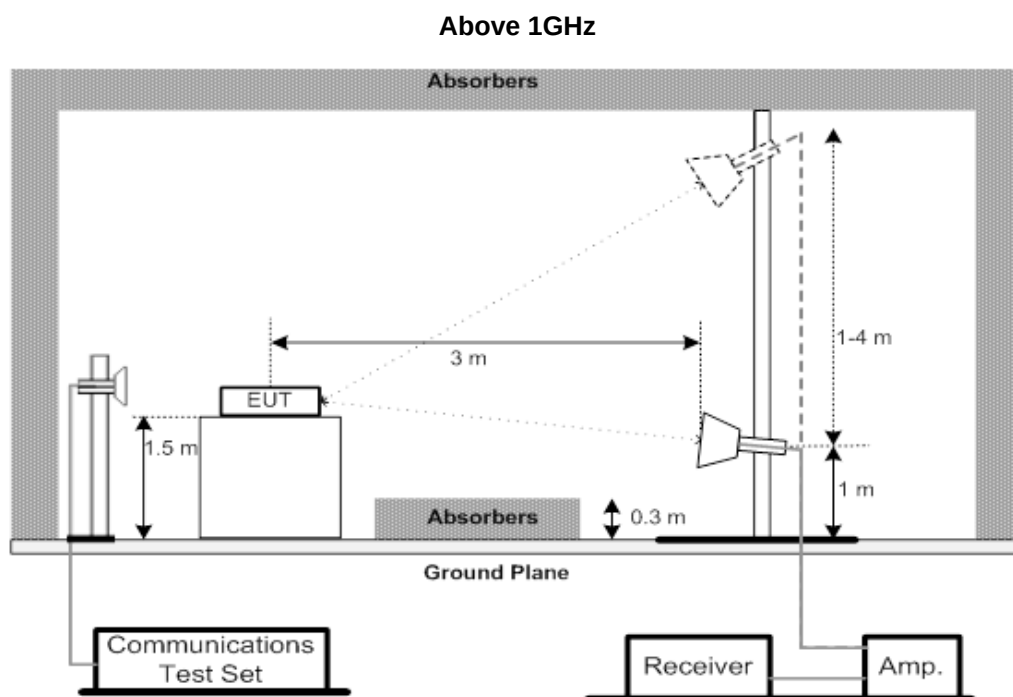
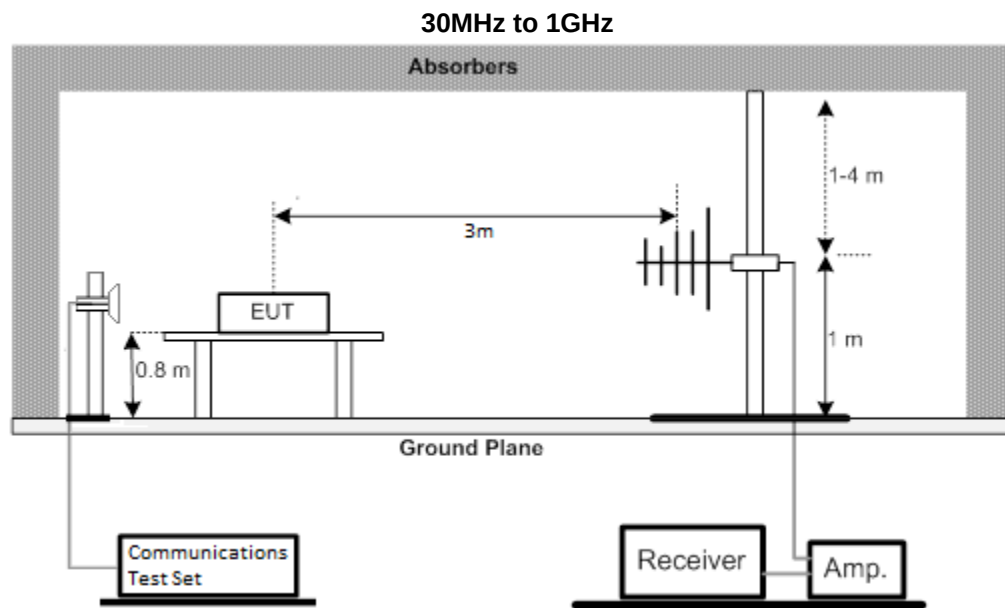
The testing follows FCC KDB 971168 v03r01 Section 6.2 or ANSI C63.26-2015 Section 5.5.

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 (dB μ V/m) = 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

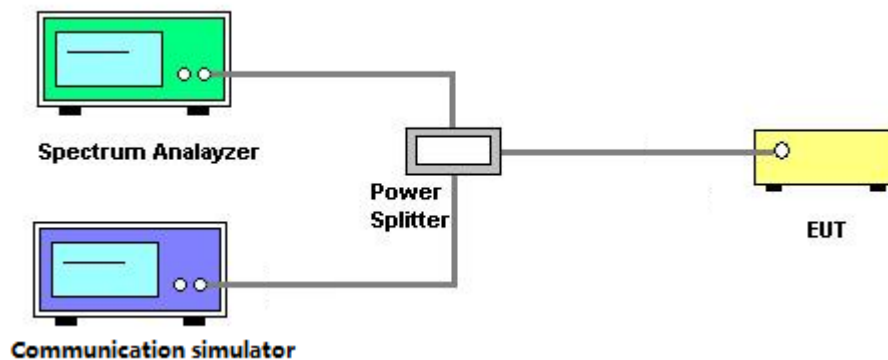
For mobile operations in the 3450-3550 MHz band, the conducted power of any emission outside the licensee's authorized bandwidth shall not exceed -13 dBm/MHz.

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, 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.
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

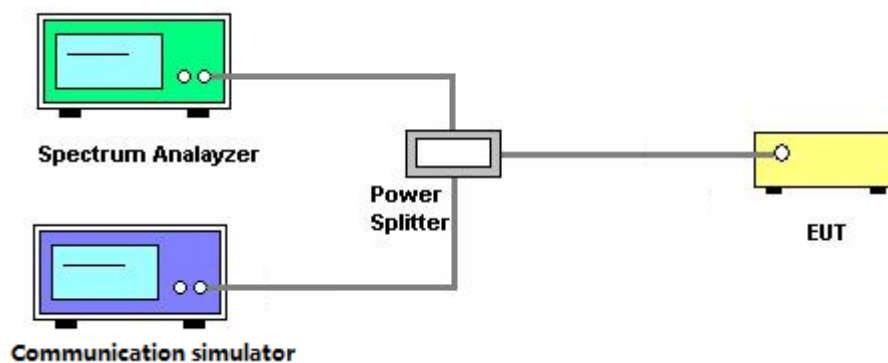
In measuring transmissions in this band using an average power technique, the peak to-average ratio (PAR) of the transmission may not exceed 13 dB.

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

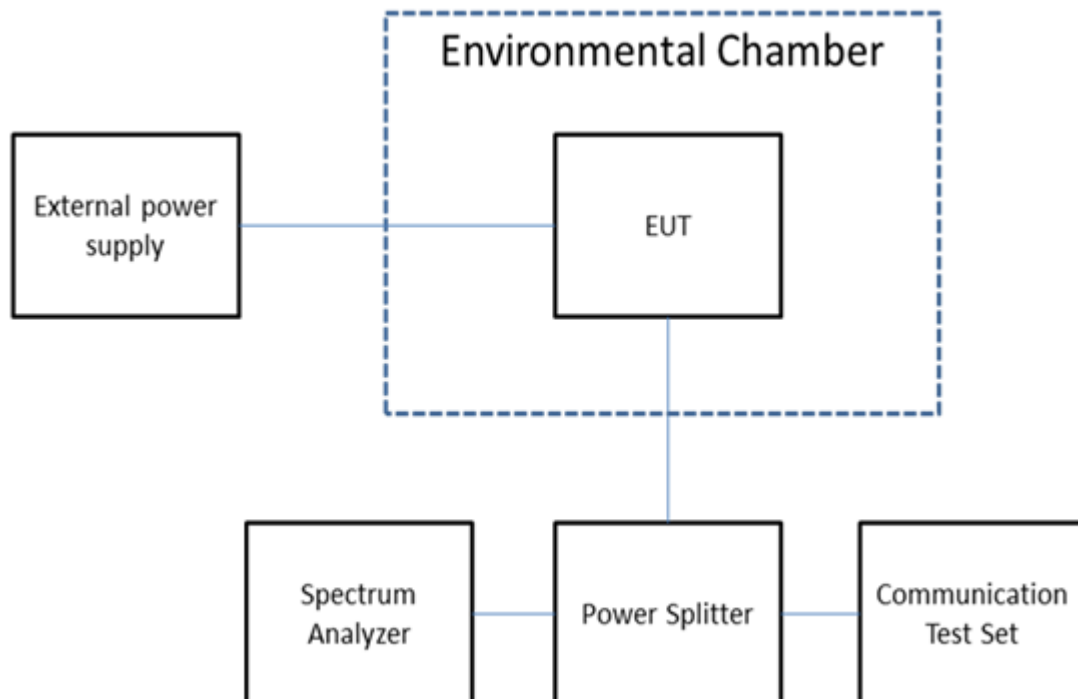
The frequency stability shall be sufficient to ensure that the fundamental emission stays within the authorized frequency block.

4.7.2 TEST PROCEDURES

The testing follows KDB 971168 v03r01 Section 9 or ANSI 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 1513-60B	1513-60 B-034	Mar. 30, 2025
2	MXE EMI Receiver	Keysight	N9038A	MY56400091	Dec. 22, 2024
3	Cable	N/A	RW4950-3.8A-N MSM-1.5	N/A	Nov. 12, 2025
4	Cable	N/A	LMR400-NMNM -8M	N/A	Nov. 12, 2025
5	Measurement Software	Farad	EZ-EMC Ver.NB-03A1-01	N/A	N/A
6	966 Chamber room	ETS	9*6*6	N/A	May 16, 2025
7	5G Wireless Test Platform	Star Point	SP9500	SP9500-20419	Jan. 19, 2025

Radiated Emissions - 30 MHz to 1 GHz					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Trilog-Broadband Antenna	Schwarzbeck	VULB9168	587	May 12, 2025
2	Attenuator	SHX	TS2-6-6-A	240124196	May 12, 2025
3	Preamplifier	EMC INSTRUMENT	EMC001330	980998	May 31, 2025
4	Cable	RegalWay	LMR400-NMNM-12.5 m	N/A	Jun. 06, 2025
5	Cable	RegalWay	LMR400-NMNM-3m	N/A	Jun. 06, 2025
6	Cable	RegalWay	LMR400-NMNM-0.5 m	N/A	Jun. 06, 2025
7	MXE EMI Receiver	KEYSIGHT	N9038B	MY62210123	Oct. 29, 2025
8	Attenuator	Talent Microwave	TA10A2-S-18	N/A	N/A
9	Positioning Controller	MF	MF-7802	N/A	N/A
10	Measurement Software	Farad	EZ-EMC Ver.NB-03A1-01	N/A	N/A
11	966 Chamber room	CM	9*6*6	N/A	May 16, 2025
12	Broadband double ridged horn antenna	Regalway	RW10180-N	1911004	N/A
13	5G Wireless Test Platform	Star Point	SP9500	SP9500-20419	Jan. 19, 2025 Jan. 10, 2026

Radiated Emissions - 1 GHz to 18GHz					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Receiver	Agilent	N9038A	MY52130039	Jan. 10, 2026
2	Preamplifier	EMC INSTRUMENT	EMC118A45SE	980878	Nov. 25, 2025
3	Double Ridged Guide Antenna	ETS	3115	75789	Jun. 15, 2025
4	Cable	RegalWay	RWLP50-4.0A-SMS M-12.5M	N/A	Jul. 03, 2025
5	Cable	RegalWay	RWLP50-4.0A-NM RASM-2.5M	N/A	Jul. 03, 2025
6	Cable	RegalWay	RWLP50-4.0A-NM RASMRA-0.8M	N/A	Jul. 03, 2025
7	966 Chamber room	CM	9*6*6	N/A	Dec. 28, 2025
8	Positioning Controller	MF	MF-7802	N/A	N/A
9	Measurement Software	Farad	EZ-EMC Ver.NB-03A1-01	N/A	N/A
10	Filter	STI	STI15-9912	N/A	May 31, 2025
11	Filter	Wairwright Instruments Gmbh	WHK 1.5/15G-10ST	N/A	Dec. 06, 2025
12	5G Wireless Test Platform	Star Point	SP9500	SP9500-20419	Jan. 19, 2025 Jan. 10, 2026
13	Broadband double ridged horn antenna	Regalway	RW10180-N	1911004	N/A

Radiated Emissions - Above 18 GHz					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	MXA Signal Analyzer	KEYSIGHT	N9020B	MY63380204	Oct. 29, 2025
2	Preamplifier	EMC INSTRUMENT	EMC184045SE	980905	Oct. 29, 2025
3	Cable	RegalWay	RWLP50-2.6A-2.92 M2.92M-1.1M	N/A	Jul. 25, 2025
4	Cable	Tonscend	HF160-KMKM-3M	N/A	Jul. 25, 2025
5	Broad-Band Horn Antenna	Schwarzbeck	BBHA9170(3m)	9170-319	Jun. 16, 2025
6	966 Chamber room	CM	9*6*6	N/A	May 19, 2025
7	Positioning Controller	MF	MF-7802	N/A	N/A
8	Measurement Software	Farad	EZ-EMC Ver.NB-03A1-01	N/A	N/A
9	5G Wireless Test Platform	Star Point	SP9500	SP9500-20419	Jan. 19, 2025 Jan. 10, 2026

Conducted Measurement For TR06					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Wideband Radio Communication Tester	R&S	CWM 500	104462	Jun. 28, 2025
2	Wideband Radio Communication Tester	R&S	CWM 500	165578	Jan. 19, 2025 Jan. 10, 2026
3	MXA Signal Analyzer	Agilent Technologies	N9020A	MY49100060	Jun. 28, 2025
4	MXA Signal Analyzer	KEYSIGHT	N9020B	MY63380204	Oct. 29, 2025
5	Signal Analyzer	R&S	FSV 40	100948	Jun. 28, 2025
6	Temperature Chamber	ESPEC	SU-242	93018786	Jun. 28, 2025
7	OUTPUT DC POWER SUPPLY	NA	IT6332C	80341601176733002 5	Jan. 19, 2025 Jan. 10, 2026
8	Measurement Software	BTL	BTL-Mobile Test20231204(12 46884249)	N/A	N/A

Conducted Measurement For TR05					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Control Interface	Anritsu	ARS200	862200005	N/A
2	Radio Communication Test Station	Anritsu	MT8000A	6261867313	Jan. 19, 2025 Jan. 10, 2026
3	Measurement Software	Anritsu	UCTS (SW Ver:6.24.1227.99)	NA	NA

Conducted Measurement For TR01					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	5G Wireless Test Platform	Star Point	SP9500	SP9500-20335	Jan. 29, 2025 Jan. 10, 2026
2	5G Wireless Test Platform	Star Point	SP9500	SP9500-20419	Jan. 19, 2025 Jan. 10, 2026
3	MXA Signal Analyzer	Agilent Technologies	N9020A	MY49100060	Jun. 28, 2025
4	MXA Signal Analyzer	KEYSIGHT	N9020B	MY63380204	Oct. 29, 2025
5	Signal Analyzer	R&S	FSV 40	100948	Jun. 28, 2025
6	Temperature Chamber	ESPEC	SU-242	93018777	Jun. 28, 2025
7	OUTPUT DC POWER SUPPLY	NA	IT6332C	80341601176733002 5	Jan. 19, 2025 Jan. 10, 2026

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

APPENDIX A - OUTPUT POWER

For SA n77_PC3

Channel	TestItem	MeasuredValue	EIRP
630668	RF power output:n77_20MHz_30kHz_630668;5;DFT-s-OFDM PI/2 BPSK^Inner_Full:PC3	22.47	22.13
630668	RF power output:n77_20MHz_30kHz_630668;6;DFT-s-OFDM PI/2 BPSK^Edge_1RB_Left:PC3	21.18	20.84
630668	RF power output:n77_20MHz_30kHz_630668;7;DFT-s-OFDM PI/2 BPSK^Edge_1RB_Right:PC3	20.95	20.61
630668	RF power output:n77_20MHz_30kHz_630668;8;DFT-s-OFDM PI/2 BPSK^Outer_Full:PC3	22.62	22.28
630668	RF power output:n77_20MHz_30kHz_630668;9;DFT-s-OFDM QPSK^Inner_Full:PC3	22.44	22.1
630668	RF power output:n77_20MHz_30kHz_630668;10;DFT-s-OFDM QPSK^Edge_1RB_Left:PC3	21.18	20.84
630668	RF power output:n77_20MHz_30kHz_630668;11;DFT-s-OFDM QPSK^Edge_1RB_Right:PC3	20.92	20.58
630668	RF power output:n77_20MHz_30kHz_630668;12;DFT-s-OFDM QPSK^Outer_Full:PC3	22.51	22.17
630668	RF power output:n77_20MHz_30kHz_630668;13;DFT-s-OFDM 16QAM^Inner_Full:PC3	22.48	22.14
630668	RF power output:n77_20MHz_30kHz_630668;14;DFT-s-OFDM 16QAM^Edge_1RB_Left:PC3	21.16	20.82
630668	RF power output:n77_20MHz_30kHz_630668;15;DFT-s-OFDM 16QAM^Edge_1RB_Right:PC3	21.06	20.72
630668	RF power output:n77_20MHz_30kHz_630668;16;DFT-s-OFDM 16QAM^Outer_Full:PC3	22.59	22.25
630668	RF power output:n77_20MHz_30kHz_630668;17;DFT-s-OFDM 64QAM^Edge_1RB_Left:PC3	21.28	20.94
630668	RF power output:n77_20MHz_30kHz_630668;18;DFT-s-OFDM 64QAM^Edge_1RB_Right:PC3	21.04	20.7
630668	RF power output:n77_20MHz_30kHz_630668;19;DFT-s-OFDM 64QAM^Outer_Full:PC3	22.11	21.77
630668	RF power output:n77_20MHz_30kHz_630668;20;DFT-s-OFDM 256QAM^Edge_1RB_Left:PC3	20.06	19.72
630668	RF power output:n77_20MHz_30kHz_630668;21;DFT-s-OFDM 256QAM^Edge_1RB_Right:PC3	19.94	19.6
630668	RF power output:n77_20MHz_30kHz_630668;22;DFT-s-OFDM 256QAM^Outer_Full:PC3	20.1	19.76
630668	RF power output:n77_20MHz_30kHz_630668;23;CP-OFDM QPSK^Inner_Full:PC3	22.46	22.12
630668	RF power output:n77_20MHz_30kHz_630668;24;CP-OFDM QPSK^Edge_1RB_Left:PC3	21.09	20.75
630668	RF power output:n77_20MHz_30kHz_630668;25;CP-OFDM QPSK^Edge_1RB_Right:PC3	20.99	20.65
630668	RF power output:n77_20MHz_30kHz_630668;26;CP-OFDM QPSK^Outer_Full:PC3	21.5	21.16
630668	RF power output:n77_20MHz_30kHz_630668;27;CP-OFDM 16QAM^Inner_Full:PC3	22.51	22.17
630668	RF power output:n77_20MHz_30kHz_630668;28;CP-OFDM 16QAM^Edge_1RB_Left:PC3	21.06	20.72
630668	RF power output:n77_20MHz_30kHz_630668;29;CP-OFDM 16QAM^Edge_1RB_Right:PC3	20.89	20.55
630668	RF power output:n77_20MHz_30kHz_630668;30;CP-OFDM 16QAM^Outer_Full:PC3	21.47	21.13
630668	RF power output:n77_20MHz_30kHz_630668;31;CP-OFDM 64QAM^Edge_1RB_Left:PC3	21.21	20.87
630668	RF power output:n77_20MHz_30kHz_630668;32;CP-OFDM 64QAM^Edge_1RB_Right:PC3	21.11	20.77
630668	RF power output:n77_20MHz_30kHz_630668;33;CP-OFDM 64QAM^Outer_Full:PC3	21.12	20.78
630668	RF power output:n77_20MHz_30kHz_630668;34;CP-OFDM 256QAM^Edge_1RB_Left:PC3	18.4	18.06
630668	RF power output:n77_20MHz_30kHz_630668;35;CP-OFDM 256QAM^Edge_1RB_Right:PC3	18.21	17.87
630668	RF power output:n77_20MHz_30kHz_630668;36;CP-OFDM 256QAM^Outer_Full:PC3	17.95	17.61
633334	RF power output:n77_20MHz_30kHz_633334;5;DFT-s-OFDM PI/2 BPSK^Inner_Full:PC3	22.41	22.07
633334	RF power output:n77_20MHz_30kHz_633334;6;DFT-s-OFDM PI/2 BPSK^Edge_1RB_Left:PC3	20.76	20.42
633334	RF power output:n77_20MHz_30kHz_633334;7;DFT-s-OFDM PI/2 BPSK^Edge_1RB_Right:PC3	21.1	20.76
633334	RF power output:n77_20MHz_30kHz_633334;8;DFT-s-OFDM PI/2 BPSK^Outer_Full:PC3	22.36	22.02
633334	RF power output:n77_20MHz_30kHz_633334;9;DFT-s-OFDM QPSK^Inner_Full:PC3	22.33	21.99
633334	RF power output:n77_20MHz_30kHz_633334;10;DFT-s-OFDM QPSK^Edge_1RB_Left:PC3	20.7	20.36
633334	RF power output:n77_20MHz_30kHz_633334;11;DFT-s-OFDM QPSK^Edge_1RB_Right:PC3	21.09	20.75
633334	RF power output:n77_20MHz_30kHz_633334;12;DFT-s-OFDM QPSK^Outer_Full:PC3	22.36	22.02
633334	RF power output:n77_20MHz_30kHz_633334;13;DFT-s-OFDM 16QAM^Inner_Full:PC3	22.39	22.05
633334	RF power output:n77_20MHz_30kHz_633334;14;DFT-s-OFDM 16QAM^Edge_1RB_Left:PC3	20.83	20.49
633334	RF power output:n77_20MHz_30kHz_633334;15;DFT-s-OFDM 16QAM^Edge_1RB_Right:PC3	21.16	20.82

Channel	TestItem	MeasuredValue	EIRP
633334	RF power output:n77_20MHz_30kHz_633334;16;DFT-s-OFDM 16QAM^Outer_Full:PC3	22.32	21.98
633334	RF power output:n77_20MHz_30kHz_633334;17;DFT-s-OFDM 64QAM^Edge_1RB_Left:PC3	20.82	20.48
633334	RF power output:n77_20MHz_30kHz_633334;18;DFT-s-OFDM 64QAM^Edge_1RB_Right:PC3	21.17	20.83
633334	RF power output:n77_20MHz_30kHz_633334;19;DFT-s-OFDM 64QAM^Outer_Full:PC3	21.94	21.6
633334	RF power output:n77_20MHz_30kHz_633334;20;DFT-s-OFDM 256QAM^Edge_1RB_Left:PC3	19.76	19.42
633334	RF power output:n77_20MHz_30kHz_633334;21;DFT-s-OFDM 256QAM^Edge_1RB_Right:PC3	20.17	19.83
633334	RF power output:n77_20MHz_30kHz_633334;22;DFT-s-OFDM 256QAM^Outer_Full:PC3	20.04	19.7
633334	RF power output:n77_20MHz_30kHz_633334;23;CP-OFDM QPSK^Inner_Full:PC3	22.37	22.03
633334	RF power output:n77_20MHz_30kHz_633334;24;CP-OFDM QPSK^Edge_1RB_Left:PC3	20.82	20.48
633334	RF power output:n77_20MHz_30kHz_633334;25;CP-OFDM QPSK^Edge_1RB_Right:PC3	21.1	20.76
633334	RF power output:n77_20MHz_30kHz_633334;26;CP-OFDM QPSK^Outer_Full:PC3	21.37	21.03
633334	RF power output:n77_20MHz_30kHz_633334;27;CP-OFDM 16QAM^Inner_Full:PC3	22.47	22.13
633334	RF power output:n77_20MHz_30kHz_633334;28;CP-OFDM 16QAM^Edge_1RB_Left:PC3	20.61	20.27
633334	RF power output:n77_20MHz_30kHz_633334;29;CP-OFDM 16QAM^Edge_1RB_Right:PC3	21	20.66
633334	RF power output:n77_20MHz_30kHz_633334;30;CP-OFDM 16QAM^Outer_Full:PC3	21.42	21.08
633334	RF power output:n77_20MHz_30kHz_633334;31;CP-OFDM 64QAM^Edge_1RB_Left:PC3	20.77	20.43
633334	RF power output:n77_20MHz_30kHz_633334;32;CP-OFDM 64QAM^Edge_1RB_Right:PC3	21.17	20.83
633334	RF power output:n77_20MHz_30kHz_633334;33;CP-OFDM 64QAM^Outer_Full:PC3	21.02	20.68
633334	RF power output:n77_20MHz_30kHz_633334;34;CP-OFDM 256QAM^Edge_1RB_Left:PC3	18.01	17.67
633334	RF power output:n77_20MHz_30kHz_633334;35;CP-OFDM 256QAM^Edge_1RB_Right:PC3	18.43	18.09
633334	RF power output:n77_20MHz_30kHz_633334;36;CP-OFDM 256QAM^Outer_Full:PC3	17.98	17.64
636000	RF power output:n77_20MHz_30kHz_636000;5;DFT-s-OFDM PI/2 BPSK^Inner_Full:PC3	22.64	22.3
636000	RF power output:n77_20MHz_30kHz_636000;6;DFT-s-OFDM PI/2 BPSK^Edge_1RB_Left:PC3	20.92	20.58
636000	RF power output:n77_20MHz_30kHz_636000;7;DFT-s-OFDM PI/2 BPSK^Edge_1RB_Right:PC3	20.89	20.55
636000	RF power output:n77_20MHz_30kHz_636000;8;DFT-s-OFDM PI/2 BPSK^Outer_Full:PC3	22.55	22.21
636000	RF power output:n77_20MHz_30kHz_636000;9;DFT-s-OFDM QPSK^Inner_Full:PC3	22.55	22.21
636000	RF power output:n77_20MHz_30kHz_636000;10;DFT-s-OFDM QPSK^Edge_1RB_Left:PC3	20.88	20.54
636000	RF power output:n77_20MHz_30kHz_636000;11;DFT-s-OFDM QPSK^Edge_1RB_Right:PC3	20.9	20.56
636000	RF power output:n77_20MHz_30kHz_636000;12;DFT-s-OFDM QPSK^Outer_Full:PC3	22.55	22.21
636000	RF power output:n77_20MHz_30kHz_636000;13;DFT-s-OFDM 16QAM^Inner_Full:PC3	22.66	22.32
636000	RF power output:n77_20MHz_30kHz_636000;14;DFT-s-OFDM 16QAM^Edge_1RB_Left:PC3	20.94	20.6
636000	RF power output:n77_20MHz_30kHz_636000;15;DFT-s-OFDM 16QAM^Edge_1RB_Right:PC3	21.03	20.69
636000	RF power output:n77_20MHz_30kHz_636000;16;DFT-s-OFDM 16QAM^Outer_Full:PC3	22.6	22.26
636000	RF power output:n77_20MHz_30kHz_636000;17;DFT-s-OFDM 64QAM^Edge_1RB_Left:PC3	21.04	20.7
636000	RF power output:n77_20MHz_30kHz_636000;18;DFT-s-OFDM 64QAM^Edge_1RB_Right:PC3	21.01	20.67
636000	RF power output:n77_20MHz_30kHz_636000;19;DFT-s-OFDM 64QAM^Outer_Full:PC3	22.06	21.72
636000	RF power output:n77_20MHz_30kHz_636000;20;DFT-s-OFDM 256QAM^Edge_1RB_Left:PC3	19.93	19.59
636000	RF power output:n77_20MHz_30kHz_636000;21;DFT-s-OFDM 256QAM^Edge_1RB_Right:PC3	19.94	19.6
636000	RF power output:n77_20MHz_30kHz_636000;22;DFT-s-OFDM 256QAM^Outer_Full:PC3	20.15	19.81
636000	RF power output:n77_20MHz_30kHz_636000;23;CP-OFDM QPSK^Inner_Full:PC3	22.54	22.2
636000	RF power output:n77_20MHz_30kHz_636000;24;CP-OFDM QPSK^Edge_1RB_Left:PC3	21	20.66
636000	RF power output:n77_20MHz_30kHz_636000;25;CP-OFDM QPSK^Edge_1RB_Right:PC3	21.13	20.79
636000	RF power output:n77_20MHz_30kHz_636000;26;CP-OFDM QPSK^Outer_Full:PC3	21.54	21.2
636000	RF power output:n77_20MHz_30kHz_636000;27;CP-OFDM 16QAM^Inner_Full:PC3	22.7	22.36
636000	RF power output:n77_20MHz_30kHz_636000;28;CP-OFDM 16QAM^Edge_1RB_Left:PC3	20.83	20.49

Channel	TestItem	MeasuredValue	EIRP
636000	RF power output:n77_20MHz_30kHz_636000;29;CP-OFDM 16QAM^Edge_1RB_Right:PC3	20.7	20.36
636000	RF power output:n77_20MHz_30kHz_636000;30;CP-OFDM 16QAM^Outer_Full:PC3	21.52	21.18
636000	RF power output:n77_20MHz_30kHz_636000;31;CP-OFDM 64QAM^Edge_1RB_Left:PC3	20.94	20.6
636000	RF power output:n77_20MHz_30kHz_636000;32;CP-OFDM 64QAM^Edge_1RB_Right:PC3	20.94	20.6
636000	RF power output:n77_20MHz_30kHz_636000;33;CP-OFDM 64QAM^Outer_Full:PC3	21.12	20.78
636000	RF power output:n77_20MHz_30kHz_636000;34;CP-OFDM 256QAM^Edge_1RB_Left:PC3	18.2	17.86
636000	RF power output:n77_20MHz_30kHz_636000;35;CP-OFDM 256QAM^Edge_1RB_Right:PC3	18.24	17.9
636000	RF power output:n77_20MHz_30kHz_636000;36;CP-OFDM 256QAM^Outer_Full:PC3	18.09	17.75
631000	RF power output:n77_30MHz_30kHz_631000;5;DFT-s-OFDM PI/2 BPSK^Inner_Full:PC3	22.41	22.07
631000	RF power output:n77_30MHz_30kHz_631000;6;DFT-s-OFDM PI/2 BPSK^Edge_1RB_Left:PC3	21.29	20.95
631000	RF power output:n77_30MHz_30kHz_631000;7;DFT-s-OFDM PI/2 BPSK^Edge_1RB_Right:PC3	21.09	20.75
631000	RF power output:n77_30MHz_30kHz_631000;8;DFT-s-OFDM PI/2 BPSK^Outer_Full:PC3	22.53	22.19
631000	RF power output:n77_30MHz_30kHz_631000;9;DFT-s-OFDM QPSK^Inner_Full:PC3	22.35	22.01
631000	RF power output:n77_30MHz_30kHz_631000;10;DFT-s-OFDM QPSK^Edge_1RB_Left:PC3	21.11	20.77
631000	RF power output:n77_30MHz_30kHz_631000;11;DFT-s-OFDM QPSK^Edge_1RB_Right:PC3	21.05	20.71
631000	RF power output:n77_30MHz_30kHz_631000;12;DFT-s-OFDM QPSK^Outer_Full:PC3	22.45	22.11
631000	RF power output:n77_30MHz_30kHz_631000;13;DFT-s-OFDM 16QAM^Inner_Full:PC3	22.27	21.93
631000	RF power output:n77_30MHz_30kHz_631000;14;DFT-s-OFDM 16QAM^Edge_1RB_Left:PC3	21.16	20.82
631000	RF power output:n77_30MHz_30kHz_631000;15;DFT-s-OFDM 16QAM^Edge_1RB_Right:PC3	21.03	20.69
631000	RF power output:n77_30MHz_30kHz_631000;16;DFT-s-OFDM 16QAM^Outer_Full:PC3	22.54	22.2
631000	RF power output:n77_30MHz_30kHz_631000;17;DFT-s-OFDM 64QAM^Edge_1RB_Left:PC3	21.18	20.84
631000	RF power output:n77_30MHz_30kHz_631000;18;DFT-s-OFDM 64QAM^Edge_1RB_Right:PC3	21.14	20.8
631000	RF power output:n77_30MHz_30kHz_631000;19;DFT-s-OFDM 64QAM^Outer_Full:PC3	22	21.66
631000	RF power output:n77_30MHz_30kHz_631000;20;DFT-s-OFDM 256QAM^Edge_1RB_Left:PC3	20.09	19.75
631000	RF power output:n77_30MHz_30kHz_631000;21;DFT-s-OFDM 256QAM^Edge_1RB_Right:PC3	20.1	19.76
631000	RF power output:n77_30MHz_30kHz_631000;22;DFT-s-OFDM 256QAM^Outer_Full:PC3	20.02	19.68
631000	RF power output:n77_30MHz_30kHz_631000;23;CP-OFDM QPSK^Inner_Full:PC3	22.48	22.14
631000	RF power output:n77_30MHz_30kHz_631000;24;CP-OFDM QPSK^Edge_1RB_Left:PC3	21.31	20.97
631000	RF power output:n77_30MHz_30kHz_631000;25;CP-OFDM QPSK^Edge_1RB_Right:PC3	21.1	20.76
631000	RF power output:n77_30MHz_30kHz_631000;26;CP-OFDM QPSK^Outer_Full:PC3	21.62	21.28
631000	RF power output:n77_30MHz_30kHz_631000;27;CP-OFDM 16QAM^Inner_Full:PC3	22.36	22.02
631000	RF power output:n77_30MHz_30kHz_631000;28;CP-OFDM 16QAM^Edge_1RB_Left:PC3	21.1	20.76
631000	RF power output:n77_30MHz_30kHz_631000;29;CP-OFDM 16QAM^Edge_1RB_Right:PC3	21.02	20.68
631000	RF power output:n77_30MHz_30kHz_631000;30;CP-OFDM 16QAM^Outer_Full:PC3	21.61	21.27
631000	RF power output:n77_30MHz_30kHz_631000;31;CP-OFDM 64QAM^Edge_1RB_Left:PC3	21.5	21.16
631000	RF power output:n77_30MHz_30kHz_631000;32;CP-OFDM 64QAM^Edge_1RB_Right:PC3	21.28	20.94
631000	RF power output:n77_30MHz_30kHz_631000;33;CP-OFDM 64QAM^Outer_Full:PC3	21.08	20.74
631000	RF power output:n77_30MHz_30kHz_631000;34;CP-OFDM 256QAM^Edge_1RB_Left:PC3	18.45	18.11
631000	RF power output:n77_30MHz_30kHz_631000;35;CP-OFDM 256QAM^Edge_1RB_Right:PC3	18.41	18.07
631000	RF power output:n77_30MHz_30kHz_631000;36;CP-OFDM 256QAM^Outer_Full:PC3	18.17	17.83
633334	RF power output:n77_30MHz_30kHz_633334;5;DFT-s-OFDM PI/2 BPSK^Inner_Full:PC3	22.47	22.13
633334	RF power output:n77_30MHz_30kHz_633334;6;DFT-s-OFDM PI/2 BPSK^Edge_1RB_Left:PC3	21.02	20.68
633334	RF power output:n77_30MHz_30kHz_633334;7;DFT-s-OFDM PI/2 BPSK^Edge_1RB_Right:PC3	21.16	20.82
633334	RF power output:n77_30MHz_30kHz_633334;8;DFT-s-OFDM PI/2 BPSK^Outer_Full:PC3	22.45	22.11

Channel	TestItem	MeasuredValue	EIRP
633334	RF power output:n77_30MHz_30kHz_633334;9;DFT-s-OFDM QPSK^Inner_Full:PC3	22.29	21.95
633334	RF power output:n77_30MHz_30kHz_633334;10;DFT-s-OFDM QPSK^Edge_1RB_Left:PC3	21.01	20.67
633334	RF power output:n77_30MHz_30kHz_633334;11;DFT-s-OFDM QPSK^Edge_1RB_Right:PC3	21.07	20.73
633334	RF power output:n77_30MHz_30kHz_633334;12;DFT-s-OFDM QPSK^Outer_Full:PC3	22.43	22.09
633334	RF power output:n77_30MHz_30kHz_633334;13;DFT-s-OFDM 16QAM^Inner_Full:PC3	22.34	22
633334	RF power output:n77_30MHz_30kHz_633334;14;DFT-s-OFDM 16QAM^Edge_1RB_Left:PC3	21.06	20.72
633334	RF power output:n77_30MHz_30kHz_633334;15;DFT-s-OFDM 16QAM^Edge_1RB_Right:PC3	21.09	20.75
633334	RF power output:n77_30MHz_30kHz_633334;16;DFT-s-OFDM 16QAM^Outer_Full:PC3	22.47	22.13
633334	RF power output:n77_30MHz_30kHz_633334;17;DFT-s-OFDM 64QAM^Edge_1RB_Left:PC3	21.14	20.8
633334	RF power output:n77_30MHz_30kHz_633334;18;DFT-s-OFDM 64QAM^Edge_1RB_Right:PC3	21.15	20.81
633334	RF power output:n77_30MHz_30kHz_633334;19;DFT-s-OFDM 64QAM^Outer_Full:PC3	21.97	21.63
633334	RF power output:n77_30MHz_30kHz_633334;20;DFT-s-OFDM 256QAM^Edge_1RB_Left:PC3	19.95	19.61
633334	RF power output:n77_30MHz_30kHz_633334;21;DFT-s-OFDM 256QAM^Edge_1RB_Right:PC3	20.05	19.71
633334	RF power output:n77_30MHz_30kHz_633334;22;DFT-s-OFDM 256QAM^Outer_Full:PC3	19.96	19.62
633334	RF power output:n77_30MHz_30kHz_633334;23;CP-OFDM QPSK^Inner_Full:PC3	22.4	22.06
633334	RF power output:n77_30MHz_30kHz_633334;24;CP-OFDM QPSK^Edge_1RB_Left:PC3	21.14	20.8
633334	RF power output:n77_30MHz_30kHz_633334;25;CP-OFDM QPSK^Edge_1RB_Right:PC3	21.13	20.79
633334	RF power output:n77_30MHz_30kHz_633334;26;CP-OFDM QPSK^Outer_Full:PC3	21.46	21.12
633334	RF power output:n77_30MHz_30kHz_633334;27;CP-OFDM 16QAM^Inner_Full:PC3	22.36	22.02
633334	RF power output:n77_30MHz_30kHz_633334;28;CP-OFDM 16QAM^Edge_1RB_Left:PC3	21	20.66
633334	RF power output:n77_30MHz_30kHz_633334;29;CP-OFDM 16QAM^Edge_1RB_Right:PC3	21.02	20.68
633334	RF power output:n77_30MHz_30kHz_633334;30;CP-OFDM 16QAM^Outer_Full:PC3	21.54	21.2
633334	RF power output:n77_30MHz_30kHz_633334;31;CP-OFDM 64QAM^Edge_1RB_Left:PC3	21.2	20.86
633334	RF power output:n77_30MHz_30kHz_633334;32;CP-OFDM 64QAM^Edge_1RB_Right:PC3	21.32	20.98
633334	RF power output:n77_30MHz_30kHz_633334;33;CP-OFDM 64QAM^Outer_Full:PC3	20.99	20.65
633334	RF power output:n77_30MHz_30kHz_633334;34;CP-OFDM 256QAM^Edge_1RB_Left:PC3	18.29	17.95
633334	RF power output:n77_30MHz_30kHz_633334;35;CP-OFDM 256QAM^Edge_1RB_Right:PC3	18.49	18.15
633334	RF power output:n77_30MHz_30kHz_633334;36;CP-OFDM 256QAM^Outer_Full:PC3	18	17.66
635666	RF power output:n77_30MHz_30kHz_635666;5;DFT-s-OFDM PI/2 BPSK^Inner_Full:PC3	22.66	22.32
635666	RF power output:n77_30MHz_30kHz_635666;6;DFT-s-OFDM PI/2 BPSK^Edge_1RB_Left:PC3	21.1	20.76
635666	RF power output:n77_30MHz_30kHz_635666;7;DFT-s-OFDM PI/2 BPSK^Edge_1RB_Right:PC3	21	20.66
635666	RF power output:n77_30MHz_30kHz_635666;8;DFT-s-OFDM PI/2 BPSK^Outer_Full:PC3	22.62	22.28
635666	RF power output:n77_30MHz_30kHz_635666;9;DFT-s-OFDM QPSK^Inner_Full:PC3	22.64	22.3
635666	RF power output:n77_30MHz_30kHz_635666;10;DFT-s-OFDM QPSK^Edge_1RB_Left:PC3	21.05	20.71
635666	RF power output:n77_30MHz_30kHz_635666;11;DFT-s-OFDM QPSK^Edge_1RB_Right:PC3	20.97	20.63
635666	RF power output:n77_30MHz_30kHz_635666;12;DFT-s-OFDM QPSK^Outer_Full:PC3	22.65	22.31
635666	RF power output:n77_30MHz_30kHz_635666;13;DFT-s-OFDM 16QAM^Inner_Full:PC3	22.65	22.31
635666	RF power output:n77_30MHz_30kHz_635666;14;DFT-s-OFDM 16QAM^Edge_1RB_Left:PC3	21.07	20.73
635666	RF power output:n77_30MHz_30kHz_635666;15;DFT-s-OFDM 16QAM^Edge_1RB_Right:PC3	21.03	20.69
635666	RF power output:n77_30MHz_30kHz_635666;16;DFT-s-OFDM 16QAM^Outer_Full:PC3	22.6	22.26
635666	RF power output:n77_30MHz_30kHz_635666;17;DFT-s-OFDM 64QAM^Edge_1RB_Left:PC3	21.18	20.84
635666	RF power output:n77_30MHz_30kHz_635666;18;DFT-s-OFDM 64QAM^Edge_1RB_Right:PC3	21.18	20.84
635666	RF power output:n77_30MHz_30kHz_635666;19;DFT-s-OFDM 64QAM^Outer_Full:PC3	22.13	21.79
635666	RF power output:n77_30MHz_30kHz_635666;20;DFT-s-OFDM 256QAM^Edge_1RB_Left:PC3	20.05	19.71

Channel	TestItem	MeasuredValue	EIRP
635666	RF power output:n77_30MHz_30kHz_635666;21;DFT-s-OFDM 256QAM^Edge_1RB_Right:PC3	20.09	19.75
635666	RF power output:n77_30MHz_30kHz_635666;22;DFT-s-OFDM 256QAM^Outer_Full:PC3	20.2	19.86
635666	RF power output:n77_30MHz_30kHz_635666;23;CP-OFDM QPSK^Inner_Full:PC3	22.67	22.33
635666	RF power output:n77_30MHz_30kHz_635666;24;CP-OFDM QPSK^Edge_1RB_Left:PC3	21.16	20.82
635666	RF power output:n77_30MHz_30kHz_635666;25;CP-OFDM QPSK^Edge_1RB_Right:PC3	21.15	20.81
635666	RF power output:n77_30MHz_30kHz_635666;26;CP-OFDM QPSK^Outer_Full:PC3	21.61	21.27
635666	RF power output:n77_30MHz_30kHz_635666;27;CP-OFDM 16QAM^Inner_Full:PC3	22.68	22.34
635666	RF power output:n77_30MHz_30kHz_635666;28;CP-OFDM 16QAM^Edge_1RB_Left:PC3	21.05	20.71
635666	RF power output:n77_30MHz_30kHz_635666;29;CP-OFDM 16QAM^Edge_1RB_Right:PC3	20.97	20.63
635666	RF power output:n77_30MHz_30kHz_635666;30;CP-OFDM 16QAM^Outer_Full:PC3	21.69	21.35
635666	RF power output:n77_30MHz_30kHz_635666;31;CP-OFDM 64QAM^Edge_1RB_Left:PC3	21.25	20.91
635666	RF power output:n77_30MHz_30kHz_635666;32;CP-OFDM 64QAM^Edge_1RB_Right:PC3	21.13	20.79
635666	RF power output:n77_30MHz_30kHz_635666;33;CP-OFDM 64QAM^Outer_Full:PC3	21.17	20.83
635666	RF power output:n77_30MHz_30kHz_635666;34;CP-OFDM 256QAM^Edge_1RB_Left:PC3	18.4	18.06
635666	RF power output:n77_30MHz_30kHz_635666;35;CP-OFDM 256QAM^Edge_1RB_Right:PC3	18.38	18.04
635666	RF power output:n77_30MHz_30kHz_635666;36;CP-OFDM 256QAM^Outer_Full:PC3	18.22	17.88
631334	RF power output:n77_40MHz_30kHz_631334;5;DFT-s-OFDM PI/2 BPSK^Inner_Full:PC3	22.63	22.29
631334	RF power output:n77_40MHz_30kHz_631334;6;DFT-s-OFDM PI/2 BPSK^Edge_1RB_Left:PC3	21.32	20.98
631334	RF power output:n77_40MHz_30kHz_631334;7;DFT-s-OFDM PI/2 BPSK^Edge_1RB_Right:PC3	20.99	20.65
631334	RF power output:n77_40MHz_30kHz_631334;8;DFT-s-OFDM PI/2 BPSK^Outer_Full:PC3	22.55	22.21
631334	RF power output:n77_40MHz_30kHz_631334;9;DFT-s-OFDM QPSK^Inner_Full:PC3	22.53	22.19
631334	RF power output:n77_40MHz_30kHz_631334;10;DFT-s-OFDM QPSK^Edge_1RB_Left:PC3	21.38	21.04
631334	RF power output:n77_40MHz_30kHz_631334;11;DFT-s-OFDM QPSK^Edge_1RB_Right:PC3	21.01	20.67
631334	RF power output:n77_40MHz_30kHz_631334;12;DFT-s-OFDM QPSK^Outer_Full:PC3	22.59	22.25
631334	RF power output:n77_40MHz_30kHz_631334;13;DFT-s-OFDM 16QAM^Inner_Full:PC3	22.5	22.16
631334	RF power output:n77_40MHz_30kHz_631334;14;DFT-s-OFDM 16QAM^Edge_1RB_Left:PC3	21.29	20.95
631334	RF power output:n77_40MHz_30kHz_631334;15;DFT-s-OFDM 16QAM^Edge_1RB_Right:PC3	21.02	20.68
631334	RF power output:n77_40MHz_30kHz_631334;16;DFT-s-OFDM 16QAM^Outer_Full:PC3	22.58	22.24
631334	RF power output:n77_40MHz_30kHz_631334;17;DFT-s-OFDM 64QAM^Edge_1RB_Left:PC3	21.48	21.14
631334	RF power output:n77_40MHz_30kHz_631334;18;DFT-s-OFDM 64QAM^Edge_1RB_Right:PC3	21.08	20.74
631334	RF power output:n77_40MHz_30kHz_631334;19;DFT-s-OFDM 64QAM^Outer_Full:PC3	22.13	21.79
631334	RF power output:n77_40MHz_30kHz_631334;20;DFT-s-OFDM 256QAM^Edge_1RB_Left:PC3	20.43	20.09
631334	RF power output:n77_40MHz_30kHz_631334;21;DFT-s-OFDM 256QAM^Edge_1RB_Right:PC3	19.96	19.62
631334	RF power output:n77_40MHz_30kHz_631334;22;DFT-s-OFDM 256QAM^Outer_Full:PC3	20.17	19.83
631334	RF power output:n77_40MHz_30kHz_631334;23;CP-OFDM QPSK^Inner_Full:PC3	22.53	22.19
631334	RF power output:n77_40MHz_30kHz_631334;24;CP-OFDM QPSK^Edge_1RB_Left:PC3	21.39	21.05
631334	RF power output:n77_40MHz_30kHz_631334;25;CP-OFDM QPSK^Edge_1RB_Right:PC3	21.1	20.76
631334	RF power output:n77_40MHz_30kHz_631334;26;CP-OFDM QPSK^Outer_Full:PC3	21.58	21.24
631334	RF power output:n77_40MHz_30kHz_631334;27;CP-OFDM 16QAM^Inner_Full:PC3	22.49	22.15
631334	RF power output:n77_40MHz_30kHz_631334;28;CP-OFDM 16QAM^Edge_1RB_Left:PC3	21.26	20.92
631334	RF power output:n77_40MHz_30kHz_631334;29;CP-OFDM 16QAM^Edge_1RB_Right:PC3	20.87	20.53
631334	RF power output:n77_40MHz_30kHz_631334;30;CP-OFDM 16QAM^Outer_Full:PC3	21.64	21.3
631334	RF power output:n77_40MHz_30kHz_631334;31;CP-OFDM 64QAM^Edge_1RB_Left:PC3	21.41	21.07
631334	RF power output:n77_40MHz_30kHz_631334;32;CP-OFDM 64QAM^Edge_1RB_Right:PC3	20.98	20.64

Channel	TestItem	MeasuredValue	EIRP
631334	RF power output:n77_40MHz_30kHz_631334;33;CP-OFDM 64QAM^Outer_Full:PC3	21.13	20.79
631334	RF power output:n77_40MHz_30kHz_631334;34;CP-OFDM 256QAM^Edge_1RB_Left:PC3	18.67	18.33
631334	RF power output:n77_40MHz_30kHz_631334;35;CP-OFDM 256QAM^Edge_1RB_Right:PC3	18.32	17.98
631334	RF power output:n77_40MHz_30kHz_631334;36;CP-OFDM 256QAM^Outer_Full:PC3	18.11	17.77
633334	RF power output:n77_40MHz_30kHz_633334;5;DFT-s-OFDM PI/2 BPSK^Inner_Full:PC3	22.51	22.17
633334	RF power output:n77_40MHz_30kHz_633334;6;DFT-s-OFDM PI/2 BPSK^Edge_1RB_Left:PC3	21.16	20.82
633334	RF power output:n77_40MHz_30kHz_633334;7;DFT-s-OFDM PI/2 BPSK^Edge_1RB_Right:PC3	21.08	20.74
633334	RF power output:n77_40MHz_30kHz_633334;8;DFT-s-OFDM PI/2 BPSK^Outer_Full:PC3	22.47	22.13
633334	RF power output:n77_40MHz_30kHz_633334;9;DFT-s-OFDM QPSK^Inner_Full:PC3	22.4	22.06
633334	RF power output:n77_40MHz_30kHz_633334;10;DFT-s-OFDM QPSK^Edge_1RB_Left:PC3	21.18	20.84
633334	RF power output:n77_40MHz_30kHz_633334;11;DFT-s-OFDM QPSK^Edge_1RB_Right:PC3	21.04	20.7
633334	RF power output:n77_40MHz_30kHz_633334;12;DFT-s-OFDM QPSK^Outer_Full:PC3	22.52	22.18
633334	RF power output:n77_40MHz_30kHz_633334;13;DFT-s-OFDM 16QAM^Inner_Full:PC3	22.39	22.05
633334	RF power output:n77_40MHz_30kHz_633334;14;DFT-s-OFDM 16QAM^Edge_1RB_Left:PC3	21.17	20.83
633334	RF power output:n77_40MHz_30kHz_633334;15;DFT-s-OFDM 16QAM^Edge_1RB_Right:PC3	21.21	20.87
633334	RF power output:n77_40MHz_30kHz_633334;16;DFT-s-OFDM 16QAM^Outer_Full:PC3	22.58	22.24
633334	RF power output:n77_40MHz_30kHz_633334;17;DFT-s-OFDM 64QAM^Edge_1RB_Left:PC3	21.28	20.94
633334	RF power output:n77_40MHz_30kHz_633334;18;DFT-s-OFDM 64QAM^Edge_1RB_Right:PC3	21.2	20.86
633334	RF power output:n77_40MHz_30kHz_633334;19;DFT-s-OFDM 64QAM^Outer_Full:PC3	22.02	21.68
633334	RF power output:n77_40MHz_30kHz_633334;20;DFT-s-OFDM 256QAM^Edge_1RB_Left:PC3	20.24	19.9
633334	RF power output:n77_40MHz_30kHz_633334;21;DFT-s-OFDM 256QAM^Edge_1RB_Right:PC3	20.15	19.81
633334	RF power output:n77_40MHz_30kHz_633334;22;DFT-s-OFDM 256QAM^Outer_Full:PC3	20.14	19.8
633334	RF power output:n77_40MHz_30kHz_633334;23;CP-OFDM QPSK^Inner_Full:PC3	22.48	22.14
633334	RF power output:n77_40MHz_30kHz_633334;24;CP-OFDM QPSK^Edge_1RB_Left:PC3	21.23	20.89
633334	RF power output:n77_40MHz_30kHz_633334;25;CP-OFDM QPSK^Edge_1RB_Right:PC3	21.14	20.8
633334	RF power output:n77_40MHz_30kHz_633334;26;CP-OFDM QPSK^Outer_Full:PC3	21.54	21.2
633334	RF power output:n77_40MHz_30kHz_633334;27;CP-OFDM 16QAM^Inner_Full:PC3	22.42	22.08
633334	RF power output:n77_40MHz_30kHz_633334;28;CP-OFDM 16QAM^Edge_1RB_Left:PC3	21.13	20.79
633334	RF power output:n77_40MHz_30kHz_633334;29;CP-OFDM 16QAM^Edge_1RB_Right:PC3	21.13	20.79
633334	RF power output:n77_40MHz_30kHz_633334;30;CP-OFDM 16QAM^Outer_Full:PC3	21.6	21.26
633334	RF power output:n77_40MHz_30kHz_633334;31;CP-OFDM 64QAM^Edge_1RB_Left:PC3	21.3	20.96
633334	RF power output:n77_40MHz_30kHz_633334;32;CP-OFDM 64QAM^Edge_1RB_Right:PC3	21.17	20.83
633334	RF power output:n77_40MHz_30kHz_633334;33;CP-OFDM 64QAM^Outer_Full:PC3	21	20.66
633334	RF power output:n77_40MHz_30kHz_633334;34;CP-OFDM 256QAM^Edge_1RB_Left:PC3	18.47	18.13
633334	RF power output:n77_40MHz_30kHz_633334;35;CP-OFDM 256QAM^Edge_1RB_Right:PC3	18.41	18.07
633334	RF power output:n77_40MHz_30kHz_633334;36;CP-OFDM 256QAM^Outer_Full:PC3	18.06	17.72
635334	RF power output:n77_40MHz_30kHz_635334;5;DFT-s-OFDM PI/2 BPSK^Inner_Full:PC3	22.5	22.16
635334	RF power output:n77_40MHz_30kHz_635334;6;DFT-s-OFDM PI/2 BPSK^Edge_1RB_Left:PC3	21.16	20.82
635334	RF power output:n77_40MHz_30kHz_635334;7;DFT-s-OFDM PI/2 BPSK^Edge_1RB_Right:PC3	20.98	20.64
635334	RF power output:n77_40MHz_30kHz_635334;8;DFT-s-OFDM PI/2 BPSK^Outer_Full:PC3	22.56	22.22
635334	RF power output:n77_40MHz_30kHz_635334;9;DFT-s-OFDM QPSK^Inner_Full:PC3	22.49	22.15
635334	RF power output:n77_40MHz_30kHz_635334;10;DFT-s-OFDM QPSK^Edge_1RB_Left:PC3	21.18	20.84
635334	RF power output:n77_40MHz_30kHz_635334;11;DFT-s-OFDM QPSK^Edge_1RB_Right:PC3	21.03	20.69
635334	RF power output:n77_40MHz_30kHz_635334;12;DFT-s-OFDM QPSK^Outer_Full:PC3	22.56	22.22

Channel	TestItem	MeasuredValue	EIRP
635334	RF power output:n77_40MHz_30kHz_635334;13;DFT-s-OFDM 16QAM^Inner_Full:PC3	22.51	22.17
635334	RF power output:n77_40MHz_30kHz_635334;14;DFT-s-OFDM 16QAM^Edge_1RB_Left:PC3	21.23	20.89
635334	RF power output:n77_40MHz_30kHz_635334;15;DFT-s-OFDM 16QAM^Edge_1RB_Right:PC3	21.08	20.74
635334	RF power output:n77_40MHz_30kHz_635334;16;DFT-s-OFDM 16QAM^Outer_Full:PC3	22.56	22.22
635334	RF power output:n77_40MHz_30kHz_635334;17;DFT-s-OFDM 64QAM^Edge_1RB_Left:PC3	21.25	20.91
635334	RF power output:n77_40MHz_30kHz_635334;18;DFT-s-OFDM 64QAM^Edge_1RB_Right:PC3	21.11	20.77
635334	RF power output:n77_40MHz_30kHz_635334;19;DFT-s-OFDM 64QAM^Outer_Full:PC3	22.02	21.68
635334	RF power output:n77_40MHz_30kHz_635334;20;DFT-s-OFDM 256QAM^Edge_1RB_Left:PC3	20.14	19.8
635334	RF power output:n77_40MHz_30kHz_635334;21;DFT-s-OFDM 256QAM^Edge_1RB_Right:PC3	20.03	19.69
635334	RF power output:n77_40MHz_30kHz_635334;22;DFT-s-OFDM 256QAM^Outer_Full:PC3	20.06	19.72
635334	RF power output:n77_40MHz_30kHz_635334;23;CP-OFDM QPSK^Inner_Full:PC3	22.55	22.21
635334	RF power output:n77_40MHz_30kHz_635334;24;CP-OFDM QPSK^Edge_1RB_Left:PC3	21.22	20.88
635334	RF power output:n77_40MHz_30kHz_635334;25;CP-OFDM QPSK^Edge_1RB_Right:PC3	21.06	20.72
635334	RF power output:n77_40MHz_30kHz_635334;26;CP-OFDM QPSK^Outer_Full:PC3	21.61	21.27
635334	RF power output:n77_40MHz_30kHz_635334;27;CP-OFDM 16QAM^Inner_Full:PC3	22.53	22.19
635334	RF power output:n77_40MHz_30kHz_635334;28;CP-OFDM 16QAM^Edge_1RB_Left:PC3	21.11	20.77
635334	RF power output:n77_40MHz_30kHz_635334;29;CP-OFDM 16QAM^Edge_1RB_Right:PC3	20.96	20.62
635334	RF power output:n77_40MHz_30kHz_635334;30;CP-OFDM 16QAM^Outer_Full:PC3	21.62	21.28
635334	RF power output:n77_40MHz_30kHz_635334;31;CP-OFDM 64QAM^Edge_1RB_Left:PC3	21.25	20.91
635334	RF power output:n77_40MHz_30kHz_635334;32;CP-OFDM 64QAM^Edge_1RB_Right:PC3	21.17	20.83
635334	RF power output:n77_40MHz_30kHz_635334;33;CP-OFDM 64QAM^Outer_Full:PC3	21.13	20.79
635334	RF power output:n77_40MHz_30kHz_635334;34;CP-OFDM 256QAM^Edge_1RB_Left:PC3	18.4	18.06
635334	RF power output:n77_40MHz_30kHz_635334;35;CP-OFDM 256QAM^Edge_1RB_Right:PC3	18.36	18.02
635334	RF power output:n77_40MHz_30kHz_635334;36;CP-OFDM 256QAM^Outer_Full:PC3	18.14	17.8
632000	RF power output:n77_60MHz_30kHz_632000;5;DFT-s-OFDM PI/2 BPSK^Inner_Full:PC3	22.39	22.05
632000	RF power output:n77_60MHz_30kHz_632000;6;DFT-s-OFDM PI/2 BPSK^Edge_1RB_Left:PC3	21.08	20.74
632000	RF power output:n77_60MHz_30kHz_632000;7;DFT-s-OFDM PI/2 BPSK^Edge_1RB_Right:PC3	20.83	20.49
632000	RF power output:n77_60MHz_30kHz_632000;8;DFT-s-OFDM PI/2 BPSK^Outer_Full:PC3	22.32	21.98
632000	RF power output:n77_60MHz_30kHz_632000;9;DFT-s-OFDM QPSK^Inner_Full:PC3	22.39	22.05
632000	RF power output:n77_60MHz_30kHz_632000;10;DFT-s-OFDM QPSK^Edge_1RB_Left:PC3	20.95	20.61
632000	RF power output:n77_60MHz_30kHz_632000;11;DFT-s-OFDM QPSK^Edge_1RB_Right:PC3	20.82	20.48
632000	RF power output:n77_60MHz_30kHz_632000;12;DFT-s-OFDM QPSK^Outer_Full:PC3	22.39	22.05
632000	RF power output:n77_60MHz_30kHz_632000;13;DFT-s-OFDM 16QAM^Inner_Full:PC3	22.37	22.03
632000	RF power output:n77_60MHz_30kHz_632000;14;DFT-s-OFDM 16QAM^Edge_1RB_Left:PC3	21.03	20.69
632000	RF power output:n77_60MHz_30kHz_632000;15;DFT-s-OFDM 16QAM^Edge_1RB_Right:PC3	20.81	20.47
632000	RF power output:n77_60MHz_30kHz_632000;16;DFT-s-OFDM 16QAM^Outer_Full:PC3	22.4	22.06
632000	RF power output:n77_60MHz_30kHz_632000;17;DFT-s-OFDM 64QAM^Edge_1RB_Left:PC3	21.13	20.79
632000	RF power output:n77_60MHz_30kHz_632000;18;DFT-s-OFDM 64QAM^Edge_1RB_Right:PC3	20.96	20.62
632000	RF power output:n77_60MHz_30kHz_632000;19;DFT-s-OFDM 64QAM^Outer_Full:PC3	21.89	21.55
632000	RF power output:n77_60MHz_30kHz_632000;20;DFT-s-OFDM 256QAM^Edge_1RB_Left:PC3	20.03	19.69
632000	RF power output:n77_60MHz_30kHz_632000;21;DFT-s-OFDM 256QAM^Edge_1RB_Right:PC3	19.86	19.52
632000	RF power output:n77_60MHz_30kHz_632000;22;DFT-s-OFDM 256QAM^Outer_Full:PC3	19.94	19.6
632000	RF power output:n77_60MHz_30kHz_632000;23;CP-OFDM QPSK^Inner_Full:PC3	22.39	22.05
632000	RF power output:n77_60MHz_30kHz_632000;24;CP-OFDM QPSK^Edge_1RB_Left:PC3	21.08	20.74