

# TEST REPORT

## CERTIFICATE OF CONFORMITY

**Standard:** 47 CFR FCC Part 24  
47 CFR FCC Part 27  
47 CFR FCC Part 2

**Report No.:** RFBCMA-WTW-P23030799-5

**FCC ID:** RAXTMOG4AR

**Product:** 5G Gateway

**Brand:** T-Mobile

**Model No.:** TMO-G4AR

**Received Date:** 2023/3/15

**Test Date:** 2023/4/11 ~ 2023/5/8

**Issued Date:** 2023/5/23

**Applicant:** Arcadyan Technology Corporation

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**FCC Registration /** 788550 / TW0003

**Designation Number:**

**Approved by:** Jeremy Lin, **Date:** 2023/5/23  
Jeremy Lin / Project Engineer

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Prepared by : Vera Huang / Specialist



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## Release Control Record

Issue No.	Description	Date Issued
RFBCMA-WTW-P23030799-5	Original Release	2023/5/23

## 1 Certificate

**Product:** 5G Gateway

**Brand:** T-Mobile

**Test Model:** TMO-G4AR

**Sample Status:** Engineering Sample

**Applicant:** Arcadyan Technology Corporation

**Test Date:** 2023/4/11 ~ 2023/5/8

**Standard:** 47 CFR FCC Part 24  
47 CFR FCC Part 27  
47 CFR FCC Part 2

**Measurement procedure:** ANSI/TIA/EIA-603-E 2016  
ANSI C63.26-2015  
KDB 971168 D01 Power Meas License Digital Systems v03r01  
KDB 971168 D02 Misc Rev Approv License Devices v02r01

The above equipment has been tested by **Bureau Veritas Consumer Products Services (H.K.) Ltd., Taoyuan Branch**, and found compliance with the requirement of the above standards. The test record, data evaluation & Equipment Under Test (EUT) configurations represented herein are true and accurate accounts of the measurements of the sample's RF characteristics under the conditions specified in this report.

## 2 Summary of Test Results

47 CFR FCC Part 24  
 47 CFR FCC Part 27  
 47 CFR FCC Part 2

Standard / Clause	Test Item	Result	Remark
FCC 47 CFR Part 2.1046 FCC 47 CFR Part 24.232 (c) FCC 47 CFR Part 27.50(h) FCC 47 CFR Part 27.50(d) FCC 47 CFR Part 27.50(c)	Effective Radiated Power and Equivalent Isotropically Radiated Power	Pass	Meet the requirement of limit. Refer to Note 2
FCC 47 CFR Part 2.1047	Modulation Characteristics	N/A	Refer to Note 1
FCC 47 CFR Part 24.232 (d) FCC 47 CFR Part 27.50(d)	Peak to Average Ratio	N/A	Refer to Note 1
FCC 47 CFR Part 2.1049	Bandwidth	N/A	Refer to Note 1
FCC 47 CFR Part 2.1051 FCC 47 CFR Part 24.238 FCC 47 CFR Part 27.53(m) FCC 47 CFR Part 27.53(h) FCC 47 CFR Part 27.53(g)	Conducted Spurious Emissions	N/A	Refer to Note 1

47 CFR FCC Part 24  
 47 CFR FCC Part 27  
 47 CFR FCC Part 2

Standard / Clause	Test Item	Result	Remark
FCC 47 CFR Part 2.1053 FCC 47 CFR Part 24.238 FCC 47 CFR Part 27.53(m) FCC 47 CFR Part 27.53(h) FCC 47 CFR Part 27.53(g)	Radiated Spurious Emissions below 1GHz	Pass	Minimum passing margin is -18.02 dB at 33.88 MHz
FCC 47 CFR Part 2.1053 FCC 47 CFR Part 24.238 FCC 47 CFR Part 27.53(m) FCC 47 CFR Part 27.53(h) FCC 47 CFR Part 27.53(g)	Radiated Spurious Emissions above 1GHz	Pass	Minimum passing margin is -23.52 dB at 5280.00 MHz
FCC 47 CFR Part 2.1055 FCC 47 CFR Part 24.235 FCC 47 CFR Part 27.54	Frequency Stability	N/A	Refer to Note 1

Note:

1. The only test item of Equivalent Isotropically Radiated Power and Radiated Spurious Emissions tests were performed for this report. Other testing data please refer to SGS-CSRC Standards Technical Services (Suzhou) Co., Ltd. Report No.: SEWM2210000205RG02 (5G Module, Brand: Fibocom, Model: FG360-NA, FCC ID: ZMOFG360NA08).
2. The conducted output power was copied from the original module report.
3. Determining compliance based on the results of the compliance measurement, not taking into account measurement instrumentation uncertainty.

## 2.1 Measurement Uncertainty

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

Parameter	Specification	Uncertainty (±)
Radiated Spurious Emissions below 1GHz	9 kHz ~ 30 MHz	2.44 dB
	30 MHz ~ 1 GHz	2.95 dB
Radiated Spurious Emissions above 1GHz	1 GHz ~ 18 GHz	2.26 dB
	18 GHz ~ 40 GHz	1.94 dB

The other instruments specified are routine verified to remain within the calibrated levels, no measurement uncertainty is required to be calculated.

## 2.2 Supplementary Information

There is not any deviation from the test standards for the test method, and no modifications required for compliance.

### 3 General Information

#### 3.1 General Description of EUT

Product	5G Gateway
Brand	T-Mobile
Test Model	TMO-G4AR
Status of EUT	Engineering Sample
Power Supply Rating	20Vdc or 15Vdc or 12Vdc or 9Vdc or 5Vdc (From adapter)

Note:

1. Base on the conducted power and all conducted result no change, the device WWAN conducted data leverage 5G module (Fibocom FG360-NA), and record ERP/EIRP in the report with Internal Antenna to prove it not over the limit.
2. The EUT supports the following configuration.

	FCC 5G FR1		
	Band	SCS	Bandwidth (MHz)
5GNR	n25	15kHz	5/10/15/20/25/30/40
		30kHz	10/15/20/25/30/40
	n41	15kHz	10/15/20/30/40/50
		30kHz	10/15/20/30/40/50/60/70/80/90/100
	n66	15kHz	5/10/15/20/25/30/40
		30kHz	10/15/20/25/30/40
	n71	15kHz	5/10/15/20
		30kHz	10/15/20



### 3. EUT Overview.

Band / Bandwidth	TX Frequency Range (MHz)	Max. EIRP Power				
SCS 15kHz						
n25 (Channel Bandwidth 5MHz)	1852.50-1912.50	QPSK	29.11	dBm	/	814.704 mW
		16QAM	28.12	dBm	/	648.634 mW
		64QAM	26.75	dBm	/	473.151 mW
		256QAM	25.12	dBm	/	325.087 mW
n25 (Channel Bandwidth 10MHz)	1855.00-1910.00	QPSK	29.16	dBm	/	824.138 mW
		16QAM	28.25	dBm	/	668.344 mW
		64QAM	26.93	dBm	/	493.174 mW
		256QAM	25.20	dBm	/	331.131 mW
n25 (Channel Bandwidth 15MHz)	1857.50-1907.50	QPSK	29.24	dBm	/	839.460 mW
		16QAM	28.39	dBm	/	690.240 mW
		64QAM	26.97	dBm	/	497.737 mW
		256QAM	25.37	dBm	/	344.350 mW
n25 (Channel Bandwidth 20MHz)	1860.00-1905.00	QPSK	29.25	dBm	/	841.395 mW
		16QAM	28.19	dBm	/	659.174 mW
		64QAM	26.97	dBm	/	497.737 mW
		256QAM	25.28	dBm	/	337.287 mW
n25 (Channel Bandwidth 25MHz)	1862.50-1902.50	QPSK	28.62	dBm	/	727.780 mW
		16QAM	27.59	dBm	/	574.116 mW
		64QAM	26.62	dBm	/	459.198 mW
		256QAM	24.63	dBm	/	290.402 mW
n25 (Channel Bandwidth 30MHz)	1865.00-1900.00	QPSK	29.25	dBm	/	841.395 mW
		16QAM	28.20	dBm	/	660.693 mW
		64QAM	26.91	dBm	/	490.908 mW
		256QAM	25.32	dBm	/	340.408 mW
n25 (Channel Bandwidth 40MHz)	1870.00-1895.00	QPSK	29.41	dBm	/	872.971 mW
		16QAM	28.45	dBm	/	699.842 mW
		64QAM	26.89	dBm	/	488.652 mW
		256QAM	25.42	dBm	/	348.337 mW
SCS 30kHz						
n25 (Channel Bandwidth 40MHz)	1870.00-1895.00	QPSK	29.39	dBm	/	868.960 mW
		16QAM	28.43	dBm	/	696.627 mW
		64QAM	26.87	dBm	/	486.407 mW
		256QAM	25.40	dBm	/	346.737 mW

Band / Bandwidth	TX Frequency Range (MHz)	Max. EIRP Power				
SCS 15kHz, SISO						
n41 (Channel Bandwidth 50MHz)	2546.01-2640.00	QPSK	28.29	dBm	/	674.528 mW
		16QAM	27.25	dBm	/	530.884 mW
		64QAM	26.22	dBm	/	418.794 mW
		256QAM	24.12	dBm	/	258.226 mW
SCS 15kHz, MIMO						
n41 (Channel Bandwidth 50MHz)	2546.01-2640.00	QPSK	31.44	dBm	/	1393.157 mW
		16QAM	30.94	dBm	/	1241.652 mW
		64QAM	29.65	dBm	/	922.571 mW
		256QAM	26.53	dBm	/	449.780 mW

Band / Bandwidth	TX Frequency Range (MHz)	Max. EIRP Power				
SCS 30kHz, SISO						
n41 (Channel Bandwidth 10MHz)	2501.01-2685.00	QPSK	29.05	dBm	/	803.526 mW
		16QAM	28.03	dBm	/	635.331 mW
		64QAM	26.98	dBm	/	498.884 mW
		256QAM	24.89	dBm	/	308.319 mW
n41 (Channel Bandwidth 15MHz)	2503.50-2682.48	QPSK	29.2	dBm	/	831.764 mW
		16QAM	28.05	dBm	/	638.263 mW
		64QAM	27.02	dBm	/	503.501 mW
		256QAM	24.77	dBm	/	299.916 mW
n41 (Channel Bandwidth 20MHz)	2506.02-2679.99	QPSK	29.11	dBm	/	814.704 mW
		16QAM	28.05	dBm	/	638.263 mW
		64QAM	27.09	dBm	/	511.682 mW
		256QAM	26.76	dBm	/	474.242 mW
n41 (Channel Bandwidth 30MHz)	2511.00-2674.98	QPSK	29.15	dBm	/	822.243 mW
		16QAM	28.22	dBm	/	663.743 mW
		64QAM	27.16	dBm	/	519.996 mW
		256QAM	24.79	dBm	/	301.301 mW
n41 (Channel Bandwidth 40MHz)	2516.01-2670.00	QPSK	29.12	dBm	/	816.582 mW
		16QAM	27.95	dBm	/	623.735 mW
		64QAM	27.07	dBm	/	509.331 mW
		256QAM	24.81	dBm	/	302.691 mW



Band / Bandwidth	TX Frequency Range (MHz)	Max. EIRP Power					
SCS 30kHz, SISO							
n41 (Channel Bandwidth 50MHz)	2521.02-2664.99	QPSK	28.88	dBm	/	772.681	mW
		16QAM	28.05	dBm	/	638.263	mW
		64QAM	26.89	dBm	/	488.652	mW
		256QAM	24.76	dBm	/	299.226	mW
n41 (Channel Bandwidth 60MHz)	2526.00-2659.98	QPSK	28.81	dBm	/	760.326	mW
		16QAM	28.05	dBm	/	638.263	mW
		64QAM	26.69	dBm	/	466.659	mW
		256QAM	24.62	dBm	/	289.734	mW
n41 (Channel Bandwidth 70MHz)	2531.01-2655.00	QPSK	28.92	dBm	/	779.830	mW
		16QAM	28.06	dBm	/	639.735	mW
		64QAM	27.00	dBm	/	501.187	mW
		256QAM	24.67	dBm	/	293.089	mW
n41 (Channel Bandwidth 80MHz)	2536.02-2649.99	QPSK	28.73	dBm	/	746.449	mW
		16QAM	28.06	dBm	/	639.735	mW
		64QAM	26.66	dBm	/	463.447	mW
		256QAM	24.56	dBm	/	285.759	mW
n41 (Channel Bandwidth 90MHz)	2541.00-2644.98	QPSK	28.76	dBm	/	751.623	mW
		16QAM	27.93	dBm	/	620.869	mW
		64QAM	26.77	dBm	/	475.335	mW
		256QAM	24.51	dBm	/	282.488	mW
n41 (Channel Bandwidth 100MHz)	2546.01-2640.00	QPSK	28.81	dBm	/	760.326	mW
		16QAM	27.74	dBm	/	594.292	mW
		64QAM	26.69	dBm	/	466.659	mW
		256QAM	24.55	dBm	/	285.102	mW

Band / Bandwidth	TX Frequency Range (MHz)	Max. EIRP Power				
SCS 30kHz, MIMO						
n41 (Channel Bandwidth 10MHz)	2501.01-2685.00	QPSK	31.66	dBm	/	1465.548 mW
		16QAM	30.80	dBm	/	1202.264 mW
		64QAM	30.21	dBm	/	1049.542 mW
		256QAM	26.38	dBm	/	434.510 mW
n41 (Channel Bandwidth 15MHz)	2503.50-2682.48	QPSK	31.32	dBm	/	1355.189 mW
		16QAM	30.73	dBm	/	1183.042 mW
		64QAM	29.81	dBm	/	957.194 mW
		256QAM	26.45	dBm	/	441.570 mW
n41 (Channel Bandwidth 20MHz)	2506.02-2679.99	QPSK	31.47	dBm	/	1402.814 mW
		16QAM	30.87	dBm	/	1221.800 mW
		64QAM	29.52	dBm	/	895.365 mW
		256QAM	26.49	dBm	/	445.656 mW
n41 (Channel Bandwidth 30MHz)	2511.00-2674.98	QPSK	31.37	dBm	/	1370.882 mW
		16QAM	30.72	dBm	/	1180.321 mW
		64QAM	29.45	dBm	/	881.049 mW
		256QAM	26.33	dBm	/	429.536 mW
n41 (Channel Bandwidth 40MHz)	2516.01-2670.00	QPSK	31.55	dBm	/	1428.894 mW
		16QAM	30.90	dBm	/	1230.269 mW
		64QAM	29.97	dBm	/	993.116 mW
		256QAM	26.49	dBm	/	445.656 mW
n41 (Channel Bandwidth 50MHz)	2521.02-2664.99	QPSK	31.39	dBm	/	1377.209 mW
		16QAM	30.89	dBm	/	1227.439 mW
		64QAM	29.57	dBm	/	905.733 mW
		256QAM	26.45	dBm	/	441.570 mW
n41 (Channel Bandwidth 60MHz)	2526.00-2659.98	QPSK	31.45	dBm	/	1396.368 mW
		16QAM	31.01	dBm	/	1261.828 mW
		64QAM	29.63	dBm	/	918.333 mW
		256QAM	26.62	dBm	/	459.198 mW

Band / Bandwidth	TX Frequency Range (MHz)	Max. EIRP Power			
SCS 30kHz, MIMO					
n41 (Channel Bandwidth 70MHz)	2531.01-2655.00	QPSK	31.49 dBm	/	1409.289 mW
		16QAM	31.00 dBm	/	1258.925 mW
		64QAM	29.75 dBm	/	944.061 mW
		256QAM	26.48 dBm	/	444.631 mW
n41 (Channel Bandwidth 80MHz)	2536.02-2649.99	QPSK	31.46 dBm	/	1399.587 mW
		16QAM	30.87 dBm	/	1221.800 mW
		64QAM	29.33 dBm	/	857.038 mW
		256QAM	26.48 dBm	/	444.631 mW
n41 (Channel Bandwidth 90MHz)	2541.00-2644.98	QPSK	31.44 dBm	/	1393.157 mW
		16QAM	30.79 dBm	/	1199.499 mW
		64QAM	29.77 dBm	/	948.418 mW
		256QAM	26.41 dBm	/	437.522 mW
n41 (Channel Bandwidth 100MHz)	2546.01-2640.00	QPSK	31.44 dBm	/	1393.157 mW
		16QAM	30.94 dBm	/	1241.652 mW
		64QAM	29.65 dBm	/	922.571 mW
		256QAM	26.53 dBm	/	449.780 mW

Band / Bandwidth	TX Frequency Range (MHz)	Max. EIRP Power				
SCS 15kHz						
n66 (Channel Bandwidth 5MHz)	1712.50-1777.50	QPSK	29.29	dBm	/	849.180 mW
		16QAM	28.32	dBm	/	679.204 mW
		64QAM	27.03	dBm	/	504.661 mW
		256QAM	25.45	dBm	/	350.752 mW
n66 (Channel Bandwidth 10MHz)	1715.00-1775.00	QPSK	29.43	dBm	/	877.001 mW
		16QAM	28.40	dBm	/	691.831 mW
		64QAM	27.07	dBm	/	509.331 mW
		256QAM	25.33	dBm	/	341.193 mW
n66 (Channel Bandwidth 15MHz)	1717.50-1772.50	QPSK	29.42	dBm	/	874.984 mW
		16QAM	28.33	dBm	/	680.769 mW
		64QAM	27.03	dBm	/	504.661 mW
		256QAM	25.47	dBm	/	352.371 mW
n66 (Channel Bandwidth 20MHz)	1720.00-1770.00	QPSK	29.50	dBm	/	891.251 mW
		16QAM	28.47	dBm	/	703.072 mW
		64QAM	27.10	dBm	/	512.861 mW
		256QAM	27.09	dBm	/	511.682 mW
n66 (Channel Bandwidth 25MHz)	1722.50-1767.50	QPSK	28.79	dBm	/	756.833 mW
		16QAM	27.78	dBm	/	599.791 mW
		64QAM	27.11	dBm	/	514.044 mW
		256QAM	24.98	dBm	/	314.775 mW
n66 (Channel Bandwidth 30MHz)	1725.00-1765.00	QPSK	29.45	dBm	/	881.049 mW
		16QAM	28.39	dBm	/	690.240 mW
		64QAM	27.91	dBm	/	618.016 mW
		256QAM	27.05	dBm	/	506.991 mW
n66 (Channel Bandwidth 40MHz)	1730.00-1760.00	QPSK	29.51	dBm	/	893.305 mW
		16QAM	28.69	dBm	/	739.605 mW
		64QAM	27.76	dBm	/	597.035 mW
		256QAM	25.56	dBm	/	359.749 mW
SCS 30kHz						
n66 (Channel Bandwidth 40MHz)	1730.00-1760.00	QPSK	29.02	dBm	/	797.995 mW
		16QAM	28.22	dBm	/	663.743 mW
		64QAM	27.31	dBm	/	538.270 mW
		256QAM	25.15	dBm	/	327.341 mW

Band / Bandwidth	TX Frequency Range (MHz)	Max. ERP Power			
SCS 15kHz					
n71 (Channel Bandwidth 5MHz)	665.50-695.50	QPSK	25.59 dBm	/	362.243 mW
		16QAM	24.70 dBm	/	295.121 mW
		64QAM	23.65 dBm	/	231.739 mW
		256QAM	21.25 dBm	/	133.352 mW
n71 (Channel Bandwidth 10MHz)	668.00-693.00	QPSK	25.65 dBm	/	367.282 mW
		16QAM	24.74 dBm	/	297.852 mW
		64QAM	23.09 dBm	/	203.704 mW
		256QAM	21.20 dBm	/	131.826 mW
n71 (Channel Bandwidth 15MHz)	670.50-690.50	QPSK	25.64 dBm	/	366.438 mW
		16QAM	24.71 dBm	/	295.801 mW
		64QAM	23.65 dBm	/	231.739 mW
		256QAM	21.20 dBm	/	131.826 mW
n71 (Channel Bandwidth 20MHz)	673.00-688.00	QPSK	25.73 dBm	/	374.111 mW
		16QAM	24.84 dBm	/	304.789 mW
		64QAM	23.34 dBm	/	215.774 mW
		256QAM	21.34 dBm	/	136.144 mW
SCS 30kHz					
n71 (Channel Bandwidth 20MHz)	673.00-688.00	QPSK	25.24 dBm	/	334.195 mW
		16QAM	23.68 dBm	/	233.346 mW
		64QAM	22.89 dBm	/	194.536 mW
		256QAM	20.93 dBm	/	123.880 mW

4. The EUT uses following accessories.

AC Adapter 1		
Brand	Model	Specification
LUCENT TRANS	1A78	AC Input : 100~240V, 1.2A, 50-60Hz DC Output : 5.0V, 3.0A, 15W or 9.0V, 3.0A, 27W or 12.0V, 3.0A, 36W or 15.0V, 3.0A, 45W or 20.0V, 2.25A, 45W DC Output Cable : 1.85 M , non-shielded cable, W/O ferrite core Plug : US
AC Adapter 2		
Brand	Model	Specification
MASS POWER	PD045E-C1C0AVU	AC Input : 100~240V, 1.0A, 50-60Hz DC Output : 5.0V, 3.0A or 9.0V, 3.0A or 12.0V, 3.0A or 15.0V, 3.0A or 20.0V, 2.25A, 45W DC Output Cable : 1.8 M , non-shielded cable, W/O ferrite core Plug : US

\*The adapter 1 was chosen for final test.

5. The above EUT information is declared by manufacturer and for more detailed features description, please refers to the manufacturer's specifications or user's manual.

### 3.2 Antenna Description of EUT

1. The antenna information is listed as below.

Antenna NO.	RF Chain NO.	Brand	Model	Antenna Net Gain(dBi)	Frequency range	Antenna Type	Connector Type	
WWAN Antenna (Internal)	B71 (TRx) (M2)	PSA	RFPCA811609IMMB403_B	3.17	663-698 MHz	Monopole	ipex(MHF1)	
	B71 (Rx) (M1)		RFPCA811609IMMB402_A	3.10	663-698 MHz	Monopole	ipex(MHF1)	
	B71 (Rx) (D1)		RFPCA652018IMMB401_A	2.09	663-698 MHz	Monopole	ipex(MHF1)	
	B71 (Rx)(D2)		RFFPA656320IMMB401_B	2.01	663-698 MHz	Monopole	ipex(MHF1)	
	B12 (TRx) (M2)	PSA	RFPCA811609IMMB403_B	3.34	698-716 MHz	Monopole	ipex(MHF1)	
	B12 (Rx) (D2)		RFFPA656320IMMB401_B	2.05	698-716 MHz	Monopole	ipex(MHF1)	
	B5 (TRx) (M2)	PSA	RFPCA811609IMMB403_B	1.68	824-849 MHz	Monopole	ipex(MHF1)	
	B5 (Rx) (D2)		RFFPA656320IMMB401_B	0.63	824-849 MHz	Monopole	ipex(MHF1)	
	B4/B66 (TRx) (M2)	PSA	RFPCA811609IMMB403_B	3.69	1710-1780 MHz	Monopole	ipex(MHF1)	
	B4/B66 (TRx) (M1)		RFPCA811609IMMB402_A	5.13	1710-1780 MHz	Monopole	ipex(MHF1)	
	B4/B66 (Rx) (D1)		RFPCA652018IMMB401_A	4.26	1710-1780 MHz	Monopole	ipex(MHF1)	
	B4/B66 (Rx) (D2)		RFFPA656320IMMB401_B	4.10	1710-1780 MHz	Monopole	ipex(MHF1)	
	B2/B25 (TRx) (M2)	PSA	RFPCA811609IMMB403_B	3.33	1850-1915 MHz	Monopole	ipex(MHF1)	
	B2/B25 (TRx) (M1)		RFPCA811609IMMB402_A	4.78	1850-1915 MHz	Monopole	ipex(MHF1)	
	B2/B25 (Rx) (D1)		RFPCA652018IMMB401_A	3.79	1850-1915 MHz	Monopole	ipex(MHF1)	
	B2/B25 (Rx) (D2)		RFFPA656320IMMB401_B	4.11	1850-1915 MHz	Monopole	ipex(MHF1)	
	B41 (TRx) (M2)	PSA	RFPCA811609IMMB403_B	2.78	2496-2690 MHz	Monopole	ipex(MHF1)	
	B41 (TRx) (M1)		RFPCA811609IMMB402_A	3.02	2496-2690 MHz	Monopole	ipex(MHF1)	
	B41 (Rx) (Omni-Antenna HC1O )		RFPCA380906IMMB401_A	4.45	2496-2690 MHz	Dipole	ipex(MHF1)	
	B41 (Rx) (Omni-Antenna HC2O)		RFPCA380912IMMB401_A	3.67	2496-2690 MHz	Dipole	ipex(MHF1)	
	B41 (Rx) (Semi-Antenna HC1S)		RFPCA474709IMMB401_A	7.59	2496-2690 MHz	Dipole	ipex(MHF1)	
	B41 (Rx) (Semi-Antenna HC2S )		RFPCA474709IMMB401_A	7.76	2496-2690 MHz	Dipole	ipex(MHF1)	
	B48 (TRx) (M2)		PSA	RFPCA811609IMMB403_B	0.94	3550-3700 MHz	Monopole	ipex(MHF1)
	B48 (TRx) (M1)			RFPCA811609IMMB402_A	1.02	3550-3700 MHz	Monopole	ipex(MHF1)
	B48 (Rx) (Omni-Antenna HC1O )	RFPCA380906IMMB401_A		4.64	3550-3700 MHz	Dipole	ipex(MHF1)	
	B48 (Rx) (Omni-Antenna HC2O)	RFPCA380912IMMB401_A		4.03	3550-3700 MHz	Dipole	ipex(MHF1)	
	B48 (Rx) (Semi-Antenna HC1S)	RFPCA474709IMMB401_A		7.67	3550-3700 MHz	Dipole	ipex(MHF1)	
	B48 (Rx) (Semi-Antenna HC2S)	RFPCA474709IMMB401_A		8.01	3550-3700 MHz	Dipole	ipex(MHF1)	
	B77 (TRx) (M2)	PSA		RFPCA811609IMMB403_B	0.84	3300-4200 MHz	Monopole	ipex(MHF1)
	B77(TRx) (M1)		RFPCA811609IMMB402_A	0.91	3300-4200 MHz	Monopole	ipex(MHF1)	
B77 (Rx) (Omni-Antenna HC1O )	RFPCA380906IMMB401_A		4.73	3300-4200 MHz	Dipole	ipex(MHF1)		
B77 (Rx) (Omni-Antenna HC2O)	RFPCA380912IMMB401_A		4.14	3300-4200 MHz	Dipole	ipex(MHF1)		
B77 (Rx) (Semi-Antenna HC1S )	RFPCA474709IMMB401_A		7.98	3300-4200 MHz	Dipole	ipex(MHF1)		
B77 (Rx) (Semi-Antenna HC2S)	RFPCA474709IMMB401_A		8.13	3300-4200 MHz	Dipole	ipex(MHF1)		

\* The above Antenna information is declared by manufacturer and for more detailed features description, please refer to the manufacturer's specifications, the laboratory shall not be held responsible.

\* Only NR n41/48/77 support 2TX/2RX, other bands support 1TX/1RX only.



### 3.3 Test Mode Applicability and Tested Channel Detail

Pre-Scan:	EUT can be used in the following ways: X-axis/ Y-axis/ Z-axis. Pre-scan these ways and find the worst case as a representative test condition.
Worst Case:	X-axis/ Y-axis/ Z-axis Worst Condition: Z-axis

#### For NR n25

Test Item	Tested Channel	Channel Bandwidth	Modulation	Mode
EIRP	370500 (1852.50 MHz) 376500 (1882.50 MHz) 382500 (1912.50 MHz)	5 MHz	BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
	371000 (1855.00 MHz) 376500 (1882.50 MHz) 382000 (1910.00 MHz)	10 MHz	BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
	371500 (1857.50 MHz) 376500 (1882.50 MHz) 381500 (1907.50 MHz)	15 MHz	BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
	372000 (1860.00 MHz) 376500 (1882.50 MHz) 381000 (1905.00 MHz)	20 MHz	BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
	372500 (1862.50 MHz) 376500 (1882.50 MHz) 380500 (1902.50 MHz)	25 MHz	BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
	373000 (1865.00 MHz) 376500 (1882.50 MHz) 380000 (1900.00 MHz)	30 MHz	BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
	374000 (1870.00 MHz) 376500 (1882.50 MHz) 379000 (1895.00 MHz)	40 MHz	BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
	RE Below 1GHz	381000 (1905.00 MHz)	20 MHz	QPSK
RE Above 1GHz	370500 (1852.50 MHz) 376500 (1882.50 MHz) 382500 (1912.50 MHz)	5 MHz	QPSK	1 RB
	372000 (1860.00 MHz) 376500 (1882.50 MHz) 381000 (1905.00 MHz)	20 MHz	QPSK	1 RB
	374000 (1870.00 MHz) 376500 (1882.50 MHz) 379000 (1895.00 MHz)	40 MHz	QPSK	1 RB

For NR n41

Test Item	Tested Channel	Channel Bandwidth	Modulation	Mode
EIRP	500202 (2501.01 MHz) 518598 (2592.99 MHz) 537000 (2685.00 MHz)	10 MHz	BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
	500700 (2503.50 MHz) 518598 (2592.99 MHz) 536496 (2682.48 MHz)	15 MHz	BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
	501204 (2506.02 MHz) 518598 (2592.99 MHz) 535998 (2679.99 MHz)	20 MHz	BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
	502200 (2511.00 MHz) 518598 (2592.99 MHz) 534996 (2674.98 MHz)	30 MHz	BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
	503202 (2516.01 MHz) 518598 (2592.99 MHz) 534000 (2670.00 MHz)	40 MHz	BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
	504204 (2521.02 MHz) 518598 (2592.99 MHz) 532998 (2664.99 MHz)	50 MHz	BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
	505200 (2526.00 MHz) 518598 (2592.99 MHz) 531996 (2659.98 MHz)	60 MHz	BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
	506202 (2531.01 MHz) 518598 (2592.99 MHz) 531000 (2655.00 MHz)	70 MHz	BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
	507204 (2536.02 MHz) 518598 (2592.99 MHz) 529998 (2649.99 MHz)	80 MHz	BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
	508200 (2541.00 MHz) 518598 (2592.99 MHz) 528996 (2644.98 MHz)	90 MHz	BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
	509202 (2546.01 MHz) 518598 (2592.99 MHz) 528000 (2640.00 MHz)	100 MHz	BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
	RE Below 1GHz	528000 (2640.00 MHz)	100 MHz	QPSK
RE Above 1GHz	500202 (2501.01 MHz) 518598 (2592.99 MHz) 537000 (2685.00 MHz)	10 MHz	QPSK	1 RB
	504204 (2521.02 MHz) 518598 (2592.99 MHz) 532998 (2664.99 MHz)	50 MHz	QPSK	1 RB
	509202 (2546.01 MHz) 518598 (2592.99 MHz) 528000 (2640.00 MHz)	100 MHz	QPSK	1 RB

For NR n66

Test Item	Tested Channel	Channel Bandwidth	Modulation	Mode
EIRP	342500 (1712.50 MHz) 349000 (1745.00 MHz) 355500 (1777.50 MHz)	5 MHz	BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
	343000 (1715.00 MHz) 349000 (1745.00 MHz) 355000 (1775.00 MHz)	10 MHz	BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
	343500 (1717.50 MHz) 349000 (1745.00 MHz) 354500 (1772.50 MHz)	15 MHz	BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
	344000 (1720.00 MHz) 349000 (1745.00 MHz) 354000 (1770.00 MHz)	20 MHz	BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
	344500 (1722.50 MHz) 349000 (1745.00 MHz) 353500 (1767.50 MHz)	25 MHz	BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
	345000 (1725.00 MHz) 349000 (1745.00 MHz) 353000 (1765.00 MHz)	30 MHz	BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
	346000 (1730.00 MHz) 349000 (1745.00 MHz) 352000 (1760.00 MHz)	40 MHz	BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
RE Below 1GHz	355500 (1777.50 MHz)	5 MHz	QPSK	1 RB
RE Above 1GHz	342500 (1712.50 MHz) 349000 (1745.00 MHz) 355500 (1777.50 MHz)	5 MHz	QPSK	1 RB
	344000 (1720.00 MHz) 349000 (1745.00 MHz) 354000 (1770.00 MHz)	20 MHz	QPSK	1 RB
	346000 (1730.00 MHz) 349000 (1745.00 MHz) 352000 (1760.00 MHz)	40 MHz	QPSK	1 RB

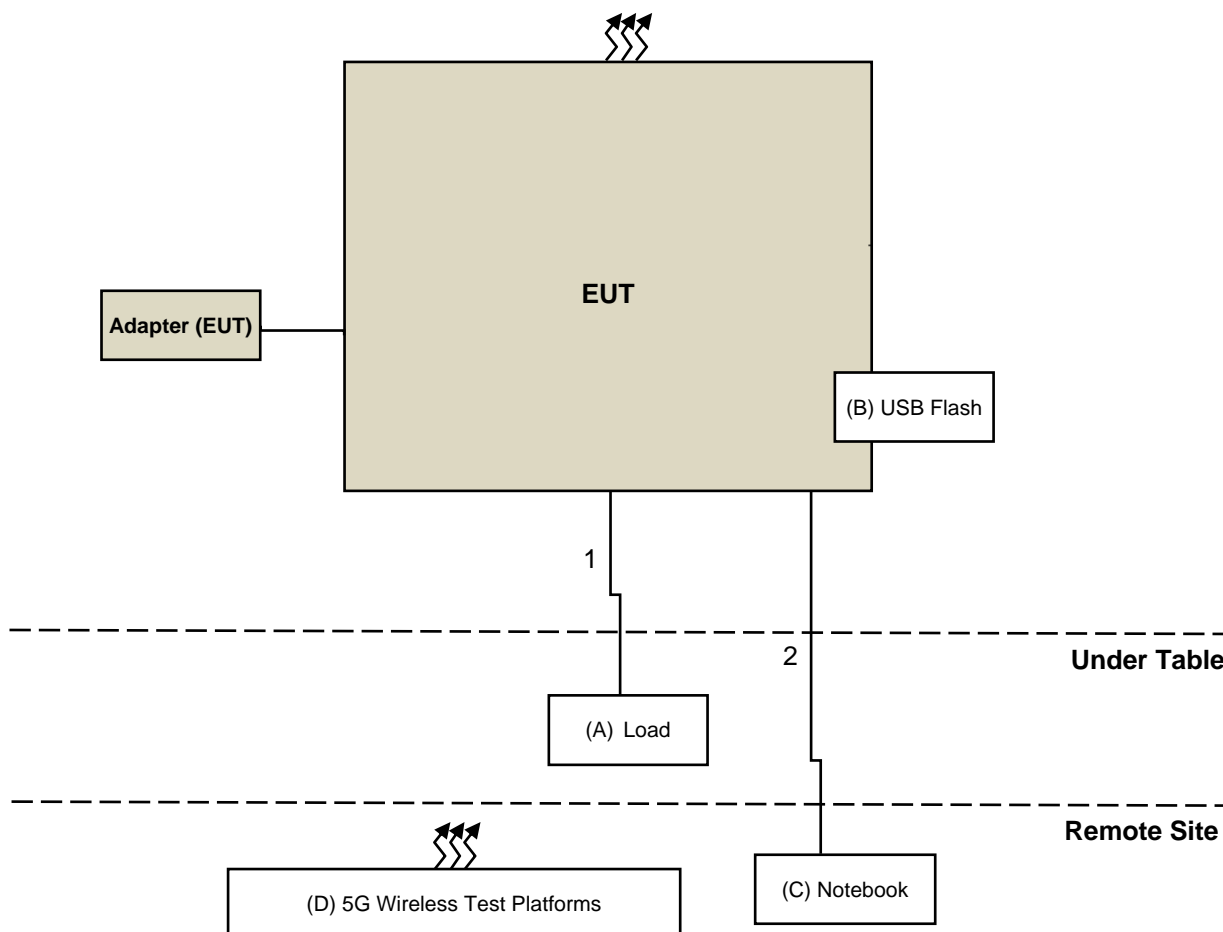
For NR n71

Test Item	Tested Channel	Channel Bandwidth	Modulation	Mode
ERP	133100 (665.50 MHz) 136100 (680.50 MHz) 139100 (695.50 MHz)	5 MHz	BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
	133600 (668.00 MHz) 136100 (680.50 MHz) 138600 (693.00 MHz)	10 MHz	BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
	134100 (670.50 MHz) 136100 (680.50 MHz) 138100 (690.50 MHz)	15 MHz	BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
	134600 (673.00 MHz) 136100 (680.50 MHz) 137600 (688.00 MHz)	20 MHz	BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
RE Below 1GHz	137600 (688.00 MHz)	20 MHz	QPSK	1 RB
RE Above 1GHz	133100 (665.50 MHz) 136100 (680.50 MHz) 139100 (695.50 MHz)	5 MHz	QPSK	1 RB
	134600 (673.00 MHz) 136100 (680.50 MHz) 137600 (688.00 MHz)	20 MHz	QPSK	1 RB

### 3.4 Test Program Used and Operation Descriptions

There is no need to controlling software during the test, and the EUT can be paired with the Radio Communication Analyzer to test the connection when it is powered on.

### 3.5 Connection Diagram of EUT and Peripheral Devices



### 3.6 Configuration of Peripheral Devices and Cable Connections

ID	Product	Brand	Model No.	Serial No.	FCC ID	Remarks
A	Load	NA	NA	NA	NA	Provided by Lab
B	USB Flash	SanDisk G	SDDDC3-032	NA	NA	Provided by Lab
C	Notebook	Lenovo	80Q7	PF0KUGU6	FCC DoC Approved	Provided by Lab
D	5G Wireless Test Platforms	Keysight	E7515B	NA	NA	Provided by Lab

ID	Cable Descriptions	Qty.	Length (m)	Shielding (Yes/No)	Cores (Qty.)	Remarks
1	RJ-45 Cable	1	1.5	No	0	Provided by Lab
2	RJ-45 Cable	1	10	No	0	Provided by Lab

## 4 Test Instruments

The calibration interval of the all test instruments are 12 months and the calibrations are traceable to NML/ROC and NIST/USA.

### 4.1 Radiated Spurious Emissions below 1GHz

Description Manufacturer	Model No.	Serial No.	Calibrated Date	Calibrated Until
Antenna Tower & Turn Max-Full	MFA-440H	AT93021705	N/A	N/A
Bi_Log Antenna Schwarzbeck	VULB9168	9168-472	2022/10/21	2023/10/20
Loop Antenna EMCI	EM-6879	269	2022/9/19	2023/9/18
Loop Antenna TESEQ	HLA 6121	45745	2022/7/27	2023/7/26
Pre-Amplifier EMCI	EMC 330H	980112	2022/10/1	2023/9/30
Pre-amplifier EMCI	EMC001340	980201	2022/9/23	2023/9/22
RF Coaxial Cable EMCI	5D-NM-BM	140903+140902	2023/1/7	2024/1/6
RF Coaxial Cable WORKEN	8D-FB	Cable-Ch10-01	2022/10/1	2023/9/30
Signal Analyzer Agilent	N9010A	MY52220207	2023/1/3	2024/1/2
Software BV ADT	ADT_Radiated_ V7.6.15.9.5	N/A	N/A	N/A
Test Receiver KEYSIGHT	N9038A	MY55420137	2022/4/27	2023/4/26
Turn Table Max-Full	MFT-201SS	N/A	N/A	N/A
Turn Table Controller Max-Full	MG-7802	N/A	N/A	N/A
5G Wireless Test Platforms Keysight	E7515B	MY59321376	2023/03/13	2024/03/12

#### Notes:

1. The test was performed in HY - 966 chamber 5.
2. Tested Date: 2023/4/13

## 4.2 Radiated Spurious Emissions above 1GHz

Description Manufacturer	Model No.	Serial No.	Calibrated Date	Calibrated Until
Antenna Tower & Turn Max-Full	MFA-440H	AT93021705	N/A	N/A
Boresight antenna tower fixture BV	BAF-02	7	N/A	N/A
Horn Antenna Schwarzbeck	BBHA 9120D	9120D-969	2022/11/13	2023/11/12
	BBHA 9170	148	2022/11/13	2023/11/12
Pre-Amplifier EMCI	EMC 184045	980116	2022/10/1	2023/9/30
Pre-Amplifier EMCI	EMC 012645	980115	2022/10/1	2023/9/30
RF Coaxial Cable EMCI	EMC102-KM-KM-600	150928	2022/7/9	2023/7/8
	EMC102-KM-KM-3000	150929	2022/7/9	2023/7/8
	EMC104-SM-SM- 8000+3000	171005	2022/10/1	2023/9/30
RF Coaxial Cable HUBER SUHNER	SUCOFLEX 104	EMC104-SM-SM- 1000(140807)	2022/10/1	2023/9/30
RF FLITER MICRO-TRONICS	BRM17690	004	2023/1/11	2024/1/10
	BRM50716	060	2023/1/11	2024/1/10
Signal Analyzer Agilent	N9010A	MY52220207	2023/1/3	2024/1/2
Software BV ADT	ADT_Radiated_ V7.6.15.9.5	N/A	N/A	N/A
Test Receiver KEYSIGHT	ESR	101451	2023/3/27	2024/3/26
Turn Table Max-Full	MFT-201SS	N/A	N/A	N/A
Turn Table Controller Max-Full	MG-7802	N/A	N/A	N/A
5G Wireless Test Platforms Keysight	E7515B	MY59321376	2023/03/13	2024/03/12

### Notes:

1. The test was performed in HY - 966 chamber 5.
2. Tested Date: 2023/4/11 ~ 2023/5/8

## 5 Limits of Test Items

### 5.1 Effective Radiated Power and Equivalent Isotropically Radiated Power

#### For NR n25:

Mobile and portable stations are limited to 2 watts EIRP.

#### For NR n41:

Mobile stations are limited to 2.0 watts EIRP. All user stations are limited to 2.0 watts transmitter output power.

#### For NR n66:

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

#### For NR n71:

Portable stations (hand-held devices) in the 600 MHz uplink band and the 698-746 MHz band, and fixed and mobile stations in the 600 MHz uplink band are limited to 3 watts ERP.

### 5.2 Radiated Spurious Emissions below 1GHz

#### For NR n25:

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  $-13$  dBm.

#### For NR n41:

According to FCC 47 CFR part 27.53(m)(4), on any frequency outside a licensee's frequency block, The power of any emission shall be attenuated below the transmitter power (P) by at least  $55 + 10 \log(P)$  dB. The emission limit equal to  $-25$  dBm.

#### For NR n66:

According to FCC 47 CFR part 27.53(h), for operations in the 1695-1710 MHz, 1710-1755 MHz, 1755-1780 MHz bands, the power of any emission outside a licensee's frequency block shall be attenuated below the transmitter power (P) in watts by at least  $43 + 10 \log(P)$  dB. The limit of emission is equal to  $-13$  dBm.

#### For NR n71:

According to FCC 47 CFR part 27.53(g), for operations in the 600 MHz band and the 698-746 MHz band, the power of any emission outside a licensee's frequency band(s) of operation shall be attenuated below the transmitter power (P) within the licensed band(s) of operation, measured in watts, by at least  $43 + 10 \log(P)$  dB. The limit of emissions is equal to  $-13$  dBm.

### 5.3 Radiated Spurious Emissions above 1GHz

#### For NR n25:

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  $-13$  dBm.

#### For NR n41:

According to FCC 47 CFR part 27.53(m)(4), on any frequency outside a licensee's frequency block, The power of any emission shall be attenuated below the transmitter power (P) by at least  $55 + 10 \log(P)$  dB. The emission limit equal to  $-25$  dBm.

#### For NR n66:

According to FCC 47 CFR part 27.53(h), for operations in the 1695-1710 MHz, 1710-1755 MHz, 1755-1780 MHz bands, the power of any emission outside a licensee's frequency block shall be attenuated below the transmitter power (P) in watts by at least  $43 + 10 \log(P)$  dB. The limit of emission is equal to  $-13$  dBm.

#### For NR n71:

According to FCC 47 CFR part 27.53(g), for operations in the 600 MHz band and the 698-746 MHz band, the power of any emission outside a licensee's frequency band(s) of operation shall be attenuated below the transmitter power (P) within the licensed band(s) of operation, measured in watts, by at least  $43 + 10 \log(P)$  dB. The limit of emissions is equal to  $-13$  dBm.

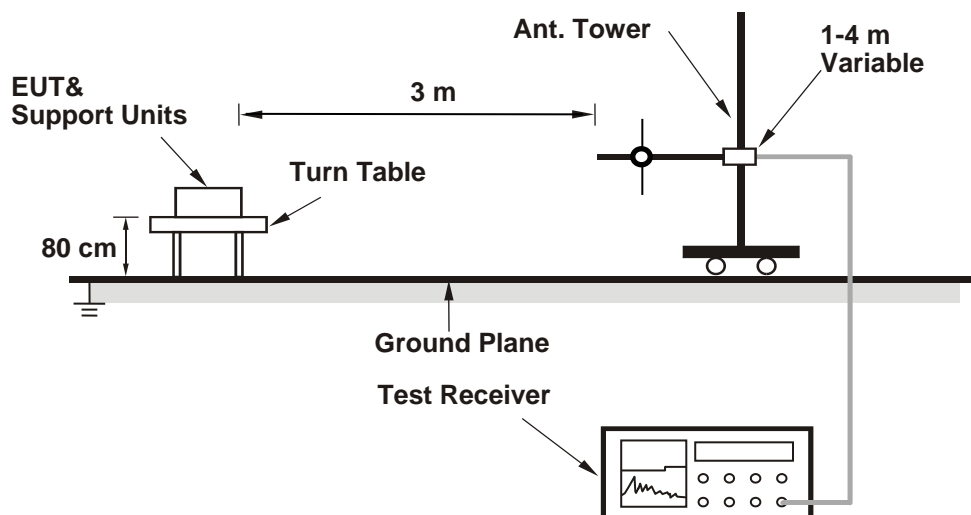


## 6 Test Arrangements

### 6.1 Radiated Spurious Emissions below 1GHz

#### 6.1.1 Test Setup

##### For radiated emission 30 MHz to 1 GHz



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

#### 6.1.2 Test Procedure

The EUT is configured by emulator to set data modulation and maximum power using WWAN technology.

- In the semi-anechoic chamber, EUT placed on the 0.8 m (below or equal 1 GHz) height of turn table, rotated the table around 360 degrees to search the maximum radiation power and receiver antenna shall be rotated vertical and horizontal polarization and moved height from 1 m to 4 m to find the maximum polar radiated power. The "Read Value" is the spectrum reading the maximum power value.
- The height of antenna is varied from one meter to four meters above the ground to determine the maximum value of the field strength. Both horizontal and vertical polarizations of the antenna are set to make the measurement.
- Perform a field strength measurement and record the worse read value, is the field strength value via a spectrum reading obtained corrected for antenna factor, cable loss and pre-amplifier factor and then mathematically convert the measured field strength level to EIRP/ERP level.
- Following C63.26 section 5.5 and 5.2.7
- $EIRP (dBm) = E (dB\mu V/m) + 20\log(D) - 104.8$ ; where D is the measurement distance (in the far field region) in m.
- $ERP (dBm) = E (dB\mu V/m) + 20\log(D) - 104.8 - 2.15$ ; where D is the measurement distance (in the far field region) in m.

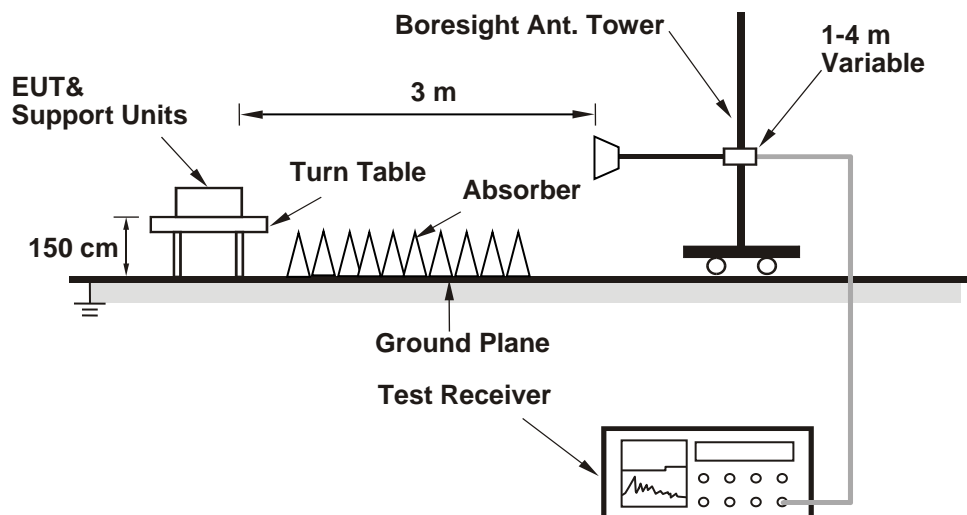
Note:

- The resolution bandwidth and video bandwidth of test receiver/spectrum analyzer is 1 MHz/3 MHz. Set detector = average.
- The emission levels were against the limit of frequency range 9 kHz ~ 30 MHz:  
The amplitude of spurious emissions attenuated more than 20 dB below the permissible value is not required to be report.

## 6.2 Radiated Spurious Emissions above 1GHz

### 6.2.1 Test Setup

#### For radiated emission above 1 GHz



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

### 6.2.2 Test Procedure

The EUT is configured by emulator to set data modulation and maximum power using WWAN technology.

- a. In the semi-anechoic chamber, EUT placed on the 1.5 m height of turn table, rotated the table around 360 degrees to search the maximum radiation power and receiver antenna shall be rotated vertical and horizontal polarization and moved height from 1 m to 4 m to find the maximum polar radiated power. The "Read Value" is the spectrum reading the maximum power value.
- b. The height of antenna is varied from one meter to four meters above the ground to determine the maximum value of the field strength. Both horizontal and vertical polarizations of the antenna are set to make the measurement.
- c. Perform a field strength measurement and record the worse read value, is the field strength value via a spectrum reading obtained corrected for antenna factor, cable loss and pre-amplifier factor and then mathematically convert the measured field strength level to EIRP/ERP level.
- d. Following C63.26 section 5.5 and 5.2.7
- e.  $EIRP (dBm) = E (dB\mu V/m) + 20\log(D) - 104.8$ ; where D is the measurement distance (in the far field region) in m.
- f.  $ERP (dBm) = E (dB\mu V/m) + 20\log(D) - 104.8 - 2.15$ ; where D is the measurement distance (in the far field region) in m.

#### Note:

1. The resolution bandwidth and video bandwidth of test receiver/spectrum analyzer is 1 MHz/3 MHz. Set detector = average.

## 7 Test Results of Test Item

### 7.1 Effective Radiated Power and Equivalent Isotropically Radiated Power

Input Power:	120 Vac, 60 Hz	Environmental Conditions:	22°C, 71% RH	Tested By:	Frank Liu
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#### 7.1.1 NR n25 SCS 15 kHz

Band	SCS	Bandwidth	Modulation	Channel	RB Configuration	Conducted Output Power (dBm)	EIRP Power (dBm)
NR n25	15	5	DFT-QPSK	L	Inner_1RB_Left	23.88	28.66
NR n25	15	5	DFT-QPSK	L	Inner_1RB_Right	23.95	28.73
NR n25	15	5	DFT-QPSK	L	Outer_Full	23.19	27.97
NR n25	15	5	DFT-16QAM	L	Inner_1RB_Left	22.93	27.71
NR n25	15	5	DFT-16QAM	L	Inner_1RB_Right	22.98	27.76
NR n25	15	5	DFT-16QAM	L	Outer_Full	22.19	26.97
NR n25	15	5	DFT-64QAM	L	Inner_1RB_Left	21.08	25.86
NR n25	15	5	DFT-64QAM	L	Inner_1RB_Right	21.16	25.94
NR n25	15	5	DFT-64QAM	L	Outer_Full	21.71	26.49
NR n25	15	5	DFT-256QAM	L	Inner_1RB_Left	19.8	24.58
NR n25	15	5	DFT-256QAM	L	Inner_1RB_Right	19.89	24.67
NR n25	15	5	DFT-256QAM	L	Outer_Full	19.5	24.28
NR n25	15	5	DFT-QPSK	M	Inner_1RB_Left	24.32	29.1
NR n25	15	5	DFT-QPSK	M	Inner_1RB_Right	24.33	29.11
NR n25	15	5	DFT-QPSK	M	Outer_Full	23.44	28.22
NR n25	15	5	DFT-16QAM	M	Inner_1RB_Left	23.23	28.01
NR n25	15	5	DFT-16QAM	M	Inner_1RB_Right	23.28	28.06
NR n25	15	5	DFT-16QAM	M	Outer_Full	22.45	27.23
NR n25	15	5	DFT-64QAM	M	Inner_1RB_Left	21.38	26.16
NR n25	15	5	DFT-64QAM	M	Inner_1RB_Right	21.4	26.18
NR n25	15	5	DFT-64QAM	M	Outer_Full	21.97	26.75
NR n25	15	5	DFT-256QAM	M	Inner_1RB_Left	20.31	25.09
NR n25	15	5	DFT-256QAM	M	Inner_1RB_Right	20.34	25.12
NR n25	15	5	DFT-256QAM	M	Outer_Full	19.91	24.69
NR n25	15	5	DFT-QPSK	H	Inner_1RB_Left	24.3	29.08
NR n25	15	5	DFT-QPSK	H	Inner_1RB_Right	24.27	29.05
NR n25	15	5	DFT-QPSK	H	Outer_Full	23.62	28.4
NR n25	15	5	DFT-16QAM	H	Inner_1RB_Left	23.34	28.12
NR n25	15	5	DFT-16QAM	H	Inner_1RB_Right	23.34	28.12
NR n25	15	5	DFT-16QAM	H	Outer_Full	22.62	27.4
NR n25	15	5	DFT-64QAM	H	Inner_1RB_Left	21.58	26.36
NR n25	15	5	DFT-64QAM	H	Inner_1RB_Right	21.45	26.23
NR n25	15	5	DFT-64QAM	H	Outer_Full	21.02	25.8
NR n25	15	5	DFT-256QAM	H	Inner_1RB_Left	20.3	25.08
NR n25	15	5	DFT-256QAM	H	Inner_1RB_Right	20.32	25.1
NR n25	15	5	DFT-256QAM	H	Outer_Full	19.89	24.67

Note:

1. The conducted output power was copied from the original module report.
2. EIRP (dBm) = Conducted Output Power (dBm) + Antenna Gain (dBi)

Band	SCS	Bandwidth	Modulation	Channel	RB Configuration	Conducted Output Power (dBm)	EIRP Power (dBm)
NR n25	15	10	DFT-QPSK	L	Inner_1RB_Left	23.82	28.6
NR n25	15	10	DFT-QPSK	L	Inner_1RB_Right	23.99	28.77
NR n25	15	10	DFT-QPSK	L	Outer_Full	23.08	27.86
NR n25	15	10	DFT-16QAM	L	Inner_1RB_Left	22.77	27.55
NR n25	15	10	DFT-16QAM	L	Inner_1RB_Right	22.96	27.74
NR n25	15	10	DFT-16QAM	L	Outer_Full	22.02	26.8
NR n25	15	10	DFT-64QAM	L	Inner_1RB_Left	22.02	26.8
NR n25	15	10	DFT-64QAM	L	Inner_1RB_Right	22.11	26.89
NR n25	15	10	DFT-64QAM	L	Outer_Full	21.55	26.33
NR n25	15	10	DFT-256QAM	L	Inner_1RB_Left	19.85	24.63
NR n25	15	10	DFT-256QAM	L	Inner_1RB_Right	19.99	24.77
NR n25	15	10	DFT-256QAM	L	Outer_Full	19.53	24.31
NR n25	15	10	DFT-QPSK	M	Inner_1RB_Left	24.23	29.01
NR n25	15	10	DFT-QPSK	M	Inner_1RB_Right	24.38	29.16
NR n25	15	10	DFT-QPSK	M	Outer_Full	23.6	28.38
NR n25	15	10	DFT-16QAM	M	Inner_1RB_Left	23.33	28.11
NR n25	15	10	DFT-16QAM	M	Inner_1RB_Right	23.47	28.25
NR n25	15	10	DFT-16QAM	M	Outer_Full	22.58	27.36
NR n25	15	10	DFT-64QAM	M	Inner_1RB_Left	21.53	26.31
NR n25	15	10	DFT-64QAM	M	Inner_1RB_Right	21.6	26.38
NR n25	15	10	DFT-64QAM	M	Outer_Full	22.11	26.89
NR n25	15	10	DFT-256QAM	M	Inner_1RB_Left	20.21	24.99
NR n25	15	10	DFT-256QAM	M	Inner_1RB_Right	20.37	25.15
NR n25	15	10	DFT-256QAM	M	Outer_Full	19.94	24.72
NR n25	15	10	DFT-QPSK	H	Inner_1RB_Left	24.25	29.03
NR n25	15	10	DFT-QPSK	H	Inner_1RB_Right	24.36	29.14
NR n25	15	10	DFT-QPSK	H	Outer_Full	23.64	28.42
NR n25	15	10	DFT-16QAM	H	Inner_1RB_Left	23.34	28.12
NR n25	15	10	DFT-16QAM	H	Inner_1RB_Right	23.42	28.2
NR n25	15	10	DFT-16QAM	H	Outer_Full	22.63	27.41
NR n25	15	10	DFT-64QAM	H	Inner_1RB_Left	21.51	26.29
NR n25	15	10	DFT-64QAM	H	Inner_1RB_Right	21.65	26.43
NR n25	15	10	DFT-64QAM	H	Outer_Full	22.15	26.93
NR n25	15	10	DFT-256QAM	H	Inner_1RB_Left	20.3	25.08
NR n25	15	10	DFT-256QAM	H	Inner_1RB_Right	20.42	25.2
NR n25	15	10	DFT-256QAM	H	Outer_Full	19.96	24.74

Note:

1. The conducted output power was copied from the original module report.
2. EIRP (dBm) = Conducted Output Power (dBm) + Antenna Gain (dBi)

Band	SCS	Bandwidth	Modulation	Channel	RB Configuration	Conducted Output Power (dBm)	EIRP Power (dBm)
NR n25	15	15	DFT-QPSK	L	Inner_1RB_Left	23.83	28.61
NR n25	15	15	DFT-QPSK	L	Inner_1RB_Right	24.07	28.85
NR n25	15	15	DFT-QPSK	L	Outer_Full	23.27	28.05
NR n25	15	15	DFT-16QAM	L	Inner_1RB_Left	22.99	27.77
NR n25	15	15	DFT-16QAM	L	Inner_1RB_Right	23.21	27.99
NR n25	15	15	DFT-16QAM	L	Outer_Full	22.09	26.87
NR n25	15	15	DFT-64QAM	L	Inner_1RB_Left	20.97	25.75
NR n25	15	15	DFT-64QAM	L	Inner_1RB_Right	21.36	26.14
NR n25	15	15	DFT-64QAM	L	Outer_Full	21.77	26.55
NR n25	15	15	DFT-256QAM	L	Inner_1RB_Left	19.83	24.61
NR n25	15	15	DFT-256QAM	L	Inner_1RB_Right	20.08	24.86
NR n25	15	15	DFT-256QAM	L	Outer_Full	19.6	24.38
NR n25	15	15	DFT-QPSK	M	Inner_1RB_Left	24.2	28.98
NR n25	15	15	DFT-QPSK	M	Inner_1RB_Right	24.46	29.24
NR n25	15	15	DFT-QPSK	M	Outer_Full	23.65	28.43
NR n25	15	15	DFT-16QAM	M	Inner_1RB_Left	23.33	28.11
NR n25	15	15	DFT-16QAM	M	Inner_1RB_Right	23.61	28.39
NR n25	15	15	DFT-16QAM	M	Outer_Full	22.47	27.25
NR n25	15	15	DFT-64QAM	M	Inner_1RB_Left	21.31	26.09
NR n25	15	15	DFT-64QAM	M	Inner_1RB_Right	21.67	26.45
NR n25	15	15	DFT-64QAM	M	Outer_Full	22	26.78
NR n25	15	15	DFT-256QAM	M	Inner_1RB_Left	20.19	24.97
NR n25	15	15	DFT-256QAM	M	Inner_1RB_Right	20.59	25.37
NR n25	15	15	DFT-256QAM	M	Outer_Full	20.16	24.94
NR n25	15	15	DFT-QPSK	H	Inner_1RB_Left	24.25	29.03
NR n25	15	15	DFT-QPSK	H	Inner_1RB_Right	24.39	29.17
NR n25	15	15	DFT-QPSK	H	Outer_Full	23.56	28.34
NR n25	15	15	DFT-16QAM	H	Inner_1RB_Left	23.22	28
NR n25	15	15	DFT-16QAM	H	Inner_1RB_Right	23.29	28.07
NR n25	15	15	DFT-16QAM	H	Outer_Full	22.55	27.33
NR n25	15	15	DFT-64QAM	H	Inner_1RB_Left	21.37	26.15
NR n25	15	15	DFT-64QAM	H	Inner_1RB_Right	21.6	26.38
NR n25	15	15	DFT-64QAM	H	Outer_Full	22.19	26.97
NR n25	15	15	DFT-256QAM	H	Inner_1RB_Left	20.24	25.02
NR n25	15	15	DFT-256QAM	H	Inner_1RB_Right	20.38	25.16
NR n25	15	15	DFT-256QAM	H	Outer_Full	20.15	24.93

Note:

1. The conducted output power was copied from the original module report.
2. EIRP (dBm) = Conducted Output Power (dBm) + Antenna Gain (dBi)

Band	SCS	Bandwidth	Modulation	Channel	RB Configuration	Conducted Output Power (dBm)	EIRP Power (dBm)
NR n25	15	20	DFT-QPSK	L	Inner_1RB_Left	24.02	28.8
NR n25	15	20	DFT-QPSK	L	Inner_1RB_Right	24.31	29.09
NR n25	15	20	DFT-QPSK	L	Outer_Full	23.24	28.02
NR n25	15	20	DFT-16QAM	L	Inner_1RB_Left	23.04	27.82
NR n25	15	20	DFT-16QAM	L	Inner_1RB_Right	23.22	28
NR n25	15	20	DFT-16QAM	L	Outer_Full	22.27	27.05
NR n25	15	20	DFT-64QAM	L	Inner_1RB_Left	21.16	25.94
NR n25	15	20	DFT-64QAM	L	Inner_1RB_Right	21.49	26.27
NR n25	15	20	DFT-64QAM	L	Outer_Full	21.79	26.57
NR n25	15	20	DFT-256QAM	L	Inner_1RB_Left	20.03	24.81
NR n25	15	20	DFT-256QAM	L	Inner_1RB_Right	20.37	25.15
NR n25	15	20	DFT-256QAM	L	Outer_Full	19.73	24.51
NR n25	15	20	DFT-QPSK	M	Inner_1RB_Left	24.24	29.02
NR n25	15	20	DFT-QPSK	M	Inner_1RB_Right	24.47	29.25
NR n25	15	20	DFT-QPSK	M	Outer_Full	23.54	28.32
NR n25	15	20	DFT-16QAM	M	Inner_1RB_Left	23.21	27.99
NR n25	15	20	DFT-16QAM	M	Inner_1RB_Right	23.41	28.19
NR n25	15	20	DFT-16QAM	M	Outer_Full	22.57	27.35
NR n25	15	20	DFT-64QAM	M	Inner_1RB_Left	21.43	26.21
NR n25	15	20	DFT-64QAM	M	Inner_1RB_Right	21.62	26.4
NR n25	15	20	DFT-64QAM	M	Outer_Full	22.08	26.86
NR n25	15	20	DFT-256QAM	M	Inner_1RB_Left	20.29	25.07
NR n25	15	20	DFT-256QAM	M	Inner_1RB_Right	20.47	25.25
NR n25	15	20	DFT-256QAM	M	Outer_Full	20.02	24.8
NR n25	15	20	DFT-QPSK	H	Inner_1RB_Left	24.34	29.12
NR n25	15	20	DFT-QPSK	H	Inner_1RB_Right	24.44	29.22
NR n25	15	20	DFT-QPSK	H	Outer_Full	23.58	28.36
NR n25	15	20	DFT-16QAM	H	Inner_1RB_Left	23.3	28.08
NR n25	15	20	DFT-16QAM	H	Inner_1RB_Right	23.39	28.17
NR n25	15	20	DFT-16QAM	H	Outer_Full	22.64	27.42
NR n25	15	20	DFT-64QAM	H	Inner_1RB_Left	21.49	26.27
NR n25	15	20	DFT-64QAM	H	Inner_1RB_Right	21.69	26.47
NR n25	15	20	DFT-64QAM	H	Outer_Full	22.19	26.97
NR n25	15	20	DFT-256QAM	H	Inner_1RB_Left	20.38	25.16
NR n25	15	20	DFT-256QAM	H	Inner_1RB_Right	20.5	25.28
NR n25	15	20	DFT-256QAM	H	Outer_Full	20.01	24.79

Note:

1. The conducted output power was copied from the original module report.
2. EIRP (dBm) = Conducted Output Power (dBm) + Antenna Gain (dBi)

Band	SCS	Bandwidth	Modulation	Channel	RB Configuration	Conducted Output Power (dBm)	EIRP Power (dBm)
NR n25	15	25	DFT-QPSK	L	Inner_1RB_Left	23.38	28.16
NR n25	15	25	DFT-QPSK	L	Inner_1RB_Right	23.76	28.54
NR n25	15	25	DFT-QPSK	L	Outer_Full	22.97	27.75
NR n25	15	25	DFT-16QAM	L	Inner_1RB_Left	22.28	27.06
NR n25	15	25	DFT-16QAM	L	Inner_1RB_Right	22.64	27.42
NR n25	15	25	DFT-16QAM	L	Outer_Full	21.98	26.76
NR n25	15	25	DFT-64QAM	L	Inner_1RB_Left	20.45	25.23
NR n25	15	25	DFT-64QAM	L	Inner_1RB_Right	20.85	25.63
NR n25	15	25	DFT-64QAM	L	Outer_Full	21.46	26.24
NR n25	15	25	DFT-256QAM	L	Inner_1RB_Left	19.41	24.19
NR n25	15	25	DFT-256QAM	L	Inner_1RB_Right	19.27	24.05
NR n25	15	25	DFT-256QAM	L	Outer_Full	19.05	23.83
NR n25	15	25	DFT-QPSK	M	Inner_1RB_Left	23.52	28.3
NR n25	15	25	DFT-QPSK	M	Inner_1RB_Right	23.84	28.62
NR n25	15	25	DFT-QPSK	M	Outer_Full	23.44	28.22
NR n25	15	25	DFT-16QAM	M	Inner_1RB_Left	22.55	27.33
NR n25	15	25	DFT-16QAM	M	Inner_1RB_Right	22.81	27.59
NR n25	15	25	DFT-16QAM	M	Outer_Full	22.34	27.12
NR n25	15	25	DFT-64QAM	M	Inner_1RB_Left	20.65	25.43
NR n25	15	25	DFT-64QAM	M	Inner_1RB_Right	20.88	25.66
NR n25	15	25	DFT-64QAM	M	Outer_Full	21.84	26.62
NR n25	15	25	DFT-256QAM	M	Inner_1RB_Left	19.69	24.47
NR n25	15	25	DFT-256QAM	M	Inner_1RB_Right	19.78	24.56
NR n25	15	25	DFT-256QAM	M	Outer_Full	19.8	24.58
NR n25	15	25	DFT-QPSK	H	Inner_1RB_Left	23.76	28.54
NR n25	15	25	DFT-QPSK	H	Inner_1RB_Right	23.79	28.57
NR n25	15	25	DFT-QPSK	H	Outer_Full	23.3	28.08
NR n25	15	25	DFT-16QAM	H	Inner_1RB_Left	22.7	27.48
NR n25	15	25	DFT-16QAM	H	Inner_1RB_Right	22.67	27.45
NR n25	15	25	DFT-16QAM	H	Outer_Full	22.29	27.07
NR n25	15	25	DFT-64QAM	H	Inner_1RB_Left	20.87	25.65
NR n25	15	25	DFT-64QAM	H	Inner_1RB_Right	20.92	25.7
NR n25	15	25	DFT-64QAM	H	Outer_Full	21.75	26.53
NR n25	15	25	DFT-256QAM	H	Inner_1RB_Left	19.79	24.57
NR n25	15	25	DFT-256QAM	H	Inner_1RB_Right	19.85	24.63
NR n25	15	25	DFT-256QAM	H	Outer_Full	19.76	24.54

Note:

1. The conducted output power was copied from the original module report.
2. EIRP (dBm) = Conducted Output Power (dBm) + Antenna Gain (dBi)



Band	SCS	Bandwidth	Modulation	Channel	RB Configuration	Conducted Output Power (dBm)	EIRP Power (dBm)
NR n25	15	30	DFT-QPSK	L	Inner_1RB_Left	23.98	28.76
NR n25	15	30	DFT-QPSK	L	Inner_1RB_Right	24.46	29.24
NR n25	15	30	DFT-QPSK	L	Outer_Full	23.32	28.1
NR n25	15	30	DFT-16QAM	L	Inner_1RB_Left	22.95	27.73
NR n25	15	30	DFT-16QAM	L	Inner_1RB_Right	23.42	28.2
NR n25	15	30	DFT-16QAM	L	Outer_Full	22.29	27.07
NR n25	15	30	DFT-64QAM	L	Inner_1RB_Left	21.13	25.91
NR n25	15	30	DFT-64QAM	L	Inner_1RB_Right	21.6	26.38
NR n25	15	30	DFT-64QAM	L	Outer_Full	21.9	26.68
NR n25	15	30	DFT-256QAM	L	Inner_1RB_Left	20	24.78
NR n25	15	30	DFT-256QAM	L	Inner_1RB_Right	20.49	25.27
NR n25	15	30	DFT-256QAM	L	Outer_Full	19.87	24.65
NR n25	15	30	DFT-QPSK	M	Inner_1RB_Left	24.16	28.94
NR n25	15	30	DFT-QPSK	M	Inner_1RB_Right	24.47	29.25
NR n25	15	30	DFT-QPSK	M	Outer_Full	23.55	28.33
NR n25	15	30	DFT-16QAM	M	Inner_1RB_Left	23.12	27.9
NR n25	15	30	DFT-16QAM	M	Inner_1RB_Right	23.41	28.19
NR n25	15	30	DFT-16QAM	M	Outer_Full	22.52	27.3
NR n25	15	30	DFT-64QAM	M	Inner_1RB_Left	21.27	26.05
NR n25	15	30	DFT-64QAM	M	Inner_1RB_Right	21.61	26.39
NR n25	15	30	DFT-64QAM	M	Outer_Full	22.07	26.85
NR n25	15	30	DFT-256QAM	M	Inner_1RB_Left	20.19	24.97
NR n25	15	30	DFT-256QAM	M	Inner_1RB_Right	20.54	25.32
NR n25	15	30	DFT-256QAM	M	Outer_Full	20.01	24.79
NR n25	15	30	DFT-QPSK	H	Inner_1RB_Left	24.35	29.13
NR n25	15	30	DFT-QPSK	H	Inner_1RB_Right	24.42	29.2
NR n25	15	30	DFT-QPSK	H	Outer_Full	23.54	28.32
NR n25	15	30	DFT-16QAM	H	Inner_1RB_Left	23.26	28.04
NR n25	15	30	DFT-16QAM	H	Inner_1RB_Right	23.39	28.17
NR n25	15	30	DFT-16QAM	H	Outer_Full	22.5	27.28
NR n25	15	30	DFT-64QAM	H	Inner_1RB_Left	21.44	26.22
NR n25	15	30	DFT-64QAM	H	Inner_1RB_Right	21.64	26.42
NR n25	15	30	DFT-64QAM	H	Outer_Full	22.13	26.91
NR n25	15	30	DFT-256QAM	H	Inner_1RB_Left	20.37	25.15
NR n25	15	30	DFT-256QAM	H	Inner_1RB_Right	20.52	25.3
NR n25	15	30	DFT-256QAM	H	Outer_Full	20.08	24.86

Note:

1. The conducted output power was copied from the original module report.
2. EIRP (dBm) = Conducted Output Power (dBm) + Antenna Gain (dBi)



Band	SCS	Bandwidth	Modulation	Channel	RB Configuration	Conducted Output Power (dBm)	EIRP Power (dBm)
NR n25	15	40	DFT-QPSK	L	Inner_1RB_Left	23.67	28.45
NR n25	15	40	DFT-QPSK	L	Inner_1RB_Right	24.63	29.41
NR n25	15	40	DFT-QPSK	L	Outer_Full	23.44	28.22
NR n25	15	40	DFT-16QAM	L	Inner_1RB_Left	23.15	27.93
NR n25	15	40	DFT-16QAM	L	Inner_1RB_Right	23.67	28.45
NR n25	15	40	DFT-16QAM	L	Outer_Full	20.83	25.61
NR n25	15	40	DFT-64QAM	L	Inner_1RB_Left	20.73	25.51
NR n25	15	40	DFT-64QAM	L	Inner_1RB_Right	21.88	26.66
NR n25	15	40	DFT-64QAM	L	Outer_Full	21	25.78
NR n25	15	40	DFT-256QAM	L	Inner_1RB_Left	19.75	24.53
NR n25	15	40	DFT-256QAM	L	Inner_1RB_Right	20.2	24.98
NR n25	15	40	DFT-256QAM	L	Outer_Full	19.82	24.6
NR n25	15	40	DFT-QPSK	M	Inner_1RB_Left	24.18	28.96
NR n25	15	40	DFT-QPSK	M	Inner_1RB_Right	24.54	29.32
NR n25	15	40	DFT-QPSK	M	Outer_Full	23.56	28.34
NR n25	15	40	DFT-16QAM	M	Inner_1RB_Left	23.11	27.89
NR n25	15	40	DFT-16QAM	M	Inner_1RB_Right	23.52	28.3
NR n25	15	40	DFT-16QAM	M	Outer_Full	22.64	27.42
NR n25	15	40	DFT-64QAM	M	Inner_1RB_Left	21.26	26.04
NR n25	15	40	DFT-64QAM	M	Inner_1RB_Right	21.68	26.46
NR n25	15	40	DFT-64QAM	M	Outer_Full	22.11	26.89
NR n25	15	40	DFT-256QAM	M	Inner_1RB_Left	20.24	25.02
NR n25	15	40	DFT-256QAM	M	Inner_1RB_Right	20.64	25.42
NR n25	15	40	DFT-256QAM	M	Outer_Full	20.1	24.88
NR n25	15	40	DFT-QPSK	H	Inner_1RB_Left	24.37	29.15
NR n25	15	40	DFT-QPSK	H	Inner_1RB_Right	24.53	29.31
NR n25	15	40	DFT-QPSK	H	Outer_Full	23.54	28.32
NR n25	15	40	DFT-16QAM	H	Inner_1RB_Left	23.45	28.23
NR n25	15	40	DFT-16QAM	H	Inner_1RB_Right	23.52	28.3
NR n25	15	40	DFT-16QAM	H	Outer_Full	22.62	27.4
NR n25	15	40	DFT-64QAM	H	Inner_1RB_Left	21.64	26.42
NR n25	15	40	DFT-64QAM	H	Inner_1RB_Right	21.86	26.64
NR n25	15	40	DFT-64QAM	H	Outer_Full	21.98	26.76
NR n25	15	40	DFT-256QAM	H	Inner_1RB_Left	20.39	25.17
NR n25	15	40	DFT-256QAM	H	Inner_1RB_Right	20.61	25.39
NR n25	15	40	DFT-256QAM	H	Outer_Full	19.96	24.74

Note:

1. The conducted output power was copied from the original module report.
2. EIRP (dBm) = Conducted Output Power (dBm) + Antenna Gain (dBi)

## 7.1.2 NR n25 SCS 30 kHz

Band	SCS	Bandwidth	Modulation	Channel	RB Configuration	Conducted Output Power (dBm)	EIRP Power (dBm)
NR n25	30	40	DFT-QPSK	L	Inner_1RB_Left	23.65	28.43
NR n25	30	40	DFT-QPSK	L	Inner_1RB_Right	24.61	29.39
NR n25	30	40	DFT-QPSK	L	Outer_Full	23.42	28.2
NR n25	30	40	DFT-16QAM	L	Inner_1RB_Left	23.13	27.91
NR n25	30	40	DFT-16QAM	L	Inner_1RB_Right	23.65	28.43
NR n25	30	40	DFT-16QAM	L	Outer_Full	20.81	25.59
NR n25	30	40	DFT-64QAM	L	Inner_1RB_Left	20.71	25.49
NR n25	30	40	DFT-64QAM	L	Inner_1RB_Right	21.86	26.64
NR n25	30	40	DFT-64QAM	L	Outer_Full	20.98	25.76
NR n25	30	40	DFT-256QAM	L	Inner_1RB_Left	19.73	24.51
NR n25	30	40	DFT-256QAM	L	Inner_1RB_Right	20.18	24.96
NR n25	30	40	DFT-256QAM	L	Outer_Full	19.8	24.58
NR n25	30	40	DFT-QPSK	M	Inner_1RB_Left	24.16	28.94
NR n25	30	40	DFT-QPSK	M	Inner_1RB_Right	24.52	29.3
NR n25	30	40	DFT-QPSK	M	Outer_Full	23.54	28.32
NR n25	30	40	DFT-16QAM	M	Inner_1RB_Left	23.09	27.87
NR n25	30	40	DFT-16QAM	M	Inner_1RB_Right	23.5	28.28
NR n25	30	40	DFT-16QAM	M	Outer_Full	22.62	27.4
NR n25	30	40	DFT-64QAM	M	Inner_1RB_Left	21.24	26.02
NR n25	30	40	DFT-64QAM	M	Inner_1RB_Right	21.66	26.44
NR n25	30	40	DFT-64QAM	M	Outer_Full	22.09	26.87
NR n25	30	40	DFT-256QAM	M	Inner_1RB_Left	20.22	25
NR n25	30	40	DFT-256QAM	M	Inner_1RB_Right	20.62	25.4
NR n25	30	40	DFT-256QAM	M	Outer_Full	20.08	24.86
NR n25	30	40	DFT-QPSK	H	Inner_1RB_Left	24.35	29.13
NR n25	30	40	DFT-QPSK	H	Inner_1RB_Right	24.51	29.29
NR n25	30	40	DFT-QPSK	H	Outer_Full	23.52	28.3
NR n25	30	40	DFT-16QAM	H	Inner_1RB_Left	23.43	28.21
NR n25	30	40	DFT-16QAM	H	Inner_1RB_Right	23.5	28.28
NR n25	30	40	DFT-16QAM	H	Outer_Full	22.6	27.38
NR n25	30	40	DFT-64QAM	H	Inner_1RB_Left	21.62	26.4
NR n25	30	40	DFT-64QAM	H	Inner_1RB_Right	21.84	26.62
NR n25	30	40	DFT-64QAM	H	Outer_Full	21.96	26.74
NR n25	30	40	DFT-256QAM	H	Inner_1RB_Left	20.37	25.15
NR n25	30	40	DFT-256QAM	H	Inner_1RB_Right	20.59	25.37
NR n25	30	40	DFT-256QAM	H	Outer_Full	19.94	24.72

Note:

1. The conducted output power was copied from the original module report.
2. EIRP (dBm) = Conducted Output Power (dBm) + Antenna Gain (dBi)

### 7.1.3 NR n41 SCS 15 kHz

#### SISO

Band	SCS	Bandwidth	Modulation	Channel	RB Configuration	Conducted Output Power (dBm)	EIRP Power (dBm)
NR n41	15	50	DFT-QPSK	L	Inner_1RB_Left	25.07	28.09
NR n41	15	50	DFT-QPSK	L	Inner_1RB_Right	24.97	27.99
NR n41	15	50	DFT-QPSK	L	Outer_Full	24.52	27.54
NR n41	15	50	DFT-16QAM	L	Inner_1RB_Left	24.19	27.21
NR n41	15	50	DFT-16QAM	L	Inner_1RB_Right	24.17	27.19
NR n41	15	50	DFT-16QAM	L	Outer_Full	23.5	26.52
NR n41	15	50	DFT-64QAM	L	Inner_1RB_Left	23.08	26.1
NR n41	15	50	DFT-64QAM	L	Inner_1RB_Right	22.76	25.78
NR n41	15	50	DFT-64QAM	L	Outer_Full	22.99	26.01
NR n41	15	50	DFT-256QAM	L	Inner_1RB_Left	20.96	23.98
NR n41	15	50	DFT-256QAM	L	Inner_1RB_Right	20.67	23.69
NR n41	15	50	DFT-256QAM	L	Outer_Full	20.97	23.99
NR n41	15	50	DFT-QPSK	M	Inner_1RB_Left	24.95	27.97
NR n41	15	50	DFT-QPSK	M	Inner_1RB_Right	25.23	28.25
NR n41	15	50	DFT-QPSK	M	Outer_Full	24.19	27.21
NR n41	15	50	DFT-16QAM	M	Inner_1RB_Left	23.83	26.85
NR n41	15	50	DFT-16QAM	M	Inner_1RB_Right	24.23	27.25
NR n41	15	50	DFT-16QAM	M	Outer_Full	23.21	26.23
NR n41	15	50	DFT-64QAM	M	Inner_1RB_Left	22.87	25.89
NR n41	15	50	DFT-64QAM	M	Inner_1RB_Right	23.02	26.04
NR n41	15	50	DFT-64QAM	M	Outer_Full	22.71	25.73
NR n41	15	50	DFT-256QAM	M	Inner_1RB_Left	20.69	23.71
NR n41	15	50	DFT-256QAM	M	Inner_1RB_Right	20.91	23.93
NR n41	15	50	DFT-256QAM	M	Outer_Full	20.72	23.74
NR n41	15	50	DFT-QPSK	H	Inner_1RB_Left	24.65	27.67
NR n41	15	50	DFT-QPSK	H	Inner_1RB_Right	25.27	28.29
NR n41	15	50	DFT-QPSK	H	Outer_Full	24.18	27.2
NR n41	15	50	DFT-16QAM	H	Inner_1RB_Left	23.58	26.6
NR n41	15	50	DFT-16QAM	H	Inner_1RB_Right	24.17	27.19
NR n41	15	50	DFT-16QAM	H	Outer_Full	23.2	26.22
NR n41	15	50	DFT-64QAM	H	Inner_1RB_Left	22.46	25.48
NR n41	15	50	DFT-64QAM	H	Inner_1RB_Right	23.2	26.22
NR n41	15	50	DFT-64QAM	H	Outer_Full	22.7	25.72
NR n41	15	50	DFT-256QAM	H	Inner_1RB_Left	20.37	23.39
NR n41	15	50	DFT-256QAM	H	Inner_1RB_Right	21.1	24.12
NR n41	15	50	DFT-256QAM	H	Outer_Full	20.69	23.71

Note:

1. The conducted output power was copied from the original module report.
2. EIRP (dBm) = Conducted Output Power (dBm) + Antenna Gain (dBi)

**MIMO**

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Conducted Output Power (dBm)		Total Power (dBm)	EIRP Power (dBm)
						Ant1	Ant2		
NR n41	15	50	DFT-QPSK	L	Inner_1RB_Left	25.21	24.56	27.91	30.93
NR n41	15	50	DFT-QPSK	L	Inner_1RB_Right	25.22	24.96	28.10	31.12
NR n41	15	50	DFT-QPSK	L	Outer_Full	23.93	22.95	26.48	29.50
NR n41	15	50	DFT-16QAM	L	Inner_1RB_Left	24.74	24.06	27.42	30.44
NR n41	15	50	DFT-16QAM	L	Inner_1RB_Right	24.96	24.36	27.68	30.70
NR n41	15	50	DFT-16QAM	L	Outer_Full	23.94	22.99	26.50	29.52
NR n41	15	50	DFT-64QAM	L	Inner_1RB_Left	23.76	22.64	26.25	29.27
NR n41	15	50	DFT-64QAM	L	Inner_1RB_Right	23.29	22.99	26.15	29.17
NR n41	15	50	DFT-64QAM	L	Outer_Full	23.48	22.52	26.04	29.06
NR n41	15	50	DFT-256QAM	L	Inner_1RB_Left	20.48	19.45	23.01	26.03
NR n41	15	50	DFT-256QAM	L	Inner_1RB_Right	20.12	19.84	22.99	26.01
NR n41	15	50	DFT-256QAM	L	Outer_Full	20.41	19.47	22.98	26.00
NR n41	15	50	DFT-QPSK	M	Inner_1RB_Left	25.03	24.47	27.77	30.79
NR n41	15	50	DFT-QPSK	M	Inner_1RB_Right	25.18	25.62	28.42	31.44
NR n41	15	50	DFT-QPSK	M	Outer_Full	23.81	23.53	26.68	29.70
NR n41	15	50	DFT-16QAM	M	Inner_1RB_Left	24.12	24.32	27.23	30.25
NR n41	15	50	DFT-16QAM	M	Inner_1RB_Right	24.84	24.98	27.92	30.94
NR n41	15	50	DFT-16QAM	M	Outer_Full	24.45	24.32	27.40	30.42
NR n41	15	50	DFT-64QAM	M	Inner_1RB_Left	23.38	22.58	26.01	29.03
NR n41	15	50	DFT-64QAM	M	Inner_1RB_Right	23.53	23.7	26.63	29.65
NR n41	15	50	DFT-64QAM	M	Outer_Full	22.65	22.42	25.55	28.57
NR n41	15	50	DFT-256QAM	M	Inner_1RB_Left	20.3	20.22	23.27	26.29
NR n41	15	50	DFT-256QAM	M	Inner_1RB_Right	20.32	20.25	23.30	26.32
NR n41	15	50	DFT-256QAM	M	Outer_Full	20.12	20.24	23.19	26.21
NR n41	15	50	DFT-QPSK	H	Inner_1RB_Left	24.93	24.32	27.65	30.67
NR n41	15	50	DFT-QPSK	H	Inner_1RB_Right	25.4	25.33	28.38	31.40
NR n41	15	50	DFT-QPSK	H	Outer_Full	23.76	23.72	26.75	29.77
NR n41	15	50	DFT-16QAM	H	Inner_1RB_Left	24.62	23.69	27.19	30.21
NR n41	15	50	DFT-16QAM	H	Inner_1RB_Right	24.87	24.56	27.73	30.75
NR n41	15	50	DFT-16QAM	H	Outer_Full	23.78	23.71	26.76	29.78
NR n41	15	50	DFT-64QAM	H	Inner_1RB_Left	23.22	22.51	25.89	28.91
NR n41	15	50	DFT-64QAM	H	Inner_1RB_Right	23.57	23.46	26.53	29.55
NR n41	15	50	DFT-64QAM	H	Outer_Full	23.32	23.26	26.30	29.32
NR n41	15	50	DFT-256QAM	H	Inner_1RB_Left	20.18	19.36	22.80	25.82
NR n41	15	50	DFT-256QAM	H	Inner_1RB_Right	20.68	20.32	23.51	26.53
NR n41	15	50	DFT-256QAM	H	Outer_Full	20.25	20.25	23.26	26.28

Note:

1. The conducted output power was copied from the original module report.
2. EIRP (dBm) = Conducted Output Power (dBm) + Antenna Gain (dBi)

## 7.1.4 NR n41 SCS 30 kHz

### SISO

Band	SCS	Bandwidth	Modulation	Channel	RB Configuration	Conducted Output Power (dBm)	EIRP Power (dBm)
NR n41	30	10	DFT-QPSK	L	Inner_1RB_Left	25.91	28.93
NR n41	30	10	DFT-QPSK	L	Inner_1RB_Right	26.03	29.05
NR n41	30	10	DFT-QPSK	L	Outer_Full	25.22	28.24
NR n41	30	10	DFT-16QAM	L	Inner_1RB_Left	25.01	28.03
NR n41	30	10	DFT-16QAM	L	Inner_1RB_Right	24.95	27.97
NR n41	30	10	DFT-16QAM	L	Outer_Full	24.22	27.24
NR n41	30	10	DFT-64QAM	L	Inner_1RB_Left	23.8	26.82
NR n41	30	10	DFT-64QAM	L	Inner_1RB_Right	23.96	26.98
NR n41	30	10	DFT-64QAM	L	Outer_Full	23.8	26.82
NR n41	30	10	DFT-256QAM	L	Inner_1RB_Left	21.59	24.61
NR n41	30	10	DFT-256QAM	L	Inner_1RB_Right	21.87	24.89
NR n41	30	10	DFT-256QAM	L	Outer_Full	21.74	24.76
NR n41	30	10	DFT-QPSK	M	Inner_1RB_Left	25.51	28.53
NR n41	30	10	DFT-QPSK	M	Inner_1RB_Right	25.39	28.41
NR n41	30	10	DFT-QPSK	M	Outer_Full	24.6	27.62
NR n41	30	10	DFT-16QAM	M	Inner_1RB_Left	24.47	27.49
NR n41	30	10	DFT-16QAM	M	Inner_1RB_Right	24.51	27.53
NR n41	30	10	DFT-16QAM	M	Outer_Full	23.59	26.61
NR n41	30	10	DFT-64QAM	M	Inner_1RB_Left	23.31	26.33
NR n41	30	10	DFT-64QAM	M	Inner_1RB_Right	23.1	26.12
NR n41	30	10	DFT-64QAM	M	Outer_Full	23.12	26.14
NR n41	30	10	DFT-256QAM	M	Inner_1RB_Left	21.15	24.17
NR n41	30	10	DFT-256QAM	M	Inner_1RB_Right	21.12	24.14
NR n41	30	10	DFT-256QAM	M	Outer_Full	21.09	24.11
NR n41	30	10	DFT-QPSK	H	Inner_1RB_Left	25.65	28.67
NR n41	30	10	DFT-QPSK	H	Inner_1RB_Right	25.68	28.7
NR n41	30	10	DFT-QPSK	H	Outer_Full	24.82	27.84
NR n41	30	10	DFT-16QAM	H	Inner_1RB_Left	24.54	27.56
NR n41	30	10	DFT-16QAM	H	Inner_1RB_Right	24.64	27.66
NR n41	30	10	DFT-16QAM	H	Outer_Full	23.82	26.84
NR n41	30	10	DFT-64QAM	H	Inner_1RB_Left	23.49	26.51
NR n41	30	10	DFT-64QAM	H	Inner_1RB_Right	23.58	26.6
NR n41	30	10	DFT-64QAM	H	Outer_Full	23.42	26.44
NR n41	30	10	DFT-256QAM	H	Inner_1RB_Left	21.28	24.3
NR n41	30	10	DFT-256QAM	H	Inner_1RB_Right	21.42	24.44
NR n41	30	10	DFT-256QAM	H	Outer_Full	21.36	24.38

Note:

1. The conducted output power was copied from the original module report.
2. EIRP (dBm) = Conducted Output Power (dBm) + Antenna Gain (dBi)



Band	SCS	Bandwidth	Modulation	Channel	RB Configuration	Conducted Output Power (dBm)	EIRP Power (dBm)
NR n41	30	15	DFT-QPSK	L	Inner_1RB_Left	26	29.02
NR n41	30	15	DFT-QPSK	L	Inner_1RB_Right	26.18	29.2
NR n41	30	15	DFT-QPSK	L	Outer_Full	25.3	28.32
NR n41	30	15	DFT-16QAM	L	Inner_1RB_Left	24.91	27.93
NR n41	30	15	DFT-16QAM	L	Inner_1RB_Right	25.03	28.05
NR n41	30	15	DFT-16QAM	L	Outer_Full	24.33	27.35
NR n41	30	15	DFT-64QAM	L	Inner_1RB_Left	23.81	26.83
NR n41	30	15	DFT-64QAM	L	Inner_1RB_Right	24	27.02
NR n41	30	15	DFT-64QAM	L	Outer_Full	23.83	26.85
NR n41	30	15	DFT-256QAM	L	Inner_1RB_Left	21.72	24.74
NR n41	30	15	DFT-256QAM	L	Inner_1RB_Right	21.71	24.73
NR n41	30	15	DFT-256QAM	L	Outer_Full	21.75	24.77
NR n41	30	15	DFT-QPSK	M	Inner_1RB_Left	25.59	28.61
NR n41	30	15	DFT-QPSK	M	Inner_1RB_Right	25.35	28.37
NR n41	30	15	DFT-QPSK	M	Outer_Full	24.59	27.61
NR n41	30	15	DFT-16QAM	M	Inner_1RB_Left	24.7	27.72
NR n41	30	15	DFT-16QAM	M	Inner_1RB_Right	24.46	27.48
NR n41	30	15	DFT-16QAM	M	Outer_Full	23.61	26.63
NR n41	30	15	DFT-64QAM	M	Inner_1RB_Left	23.34	26.36
NR n41	30	15	DFT-64QAM	M	Inner_1RB_Right	23.1	26.12
NR n41	30	15	DFT-64QAM	M	Outer_Full	23.15	26.17
NR n41	30	15	DFT-256QAM	M	Inner_1RB_Left	21.18	24.2
NR n41	30	15	DFT-256QAM	M	Inner_1RB_Right	20.95	23.97
NR n41	30	15	DFT-256QAM	M	Outer_Full	21.14	24.16
NR n41	30	15	DFT-QPSK	H	Inner_1RB_Left	25.65	28.67
NR n41	30	15	DFT-QPSK	H	Inner_1RB_Right	25.63	28.65
NR n41	30	15	DFT-QPSK	H	Outer_Full	24.8	27.82
NR n41	30	15	DFT-16QAM	H	Inner_1RB_Left	24.49	27.51
NR n41	30	15	DFT-16QAM	H	Inner_1RB_Right	24.57	27.59
NR n41	30	15	DFT-16QAM	H	Outer_Full	23.84	26.86
NR n41	30	15	DFT-64QAM	H	Inner_1RB_Left	23.5	26.52
NR n41	30	15	DFT-64QAM	H	Inner_1RB_Right	23.53	26.55
NR n41	30	15	DFT-64QAM	H	Outer_Full	23.38	26.4
NR n41	30	15	DFT-256QAM	H	Inner_1RB_Left	21.28	24.3
NR n41	30	15	DFT-256QAM	H	Inner_1RB_Right	21.33	24.35
NR n41	30	15	DFT-256QAM	H	Outer_Full	21.33	24.35

Note:

1. The conducted output power was copied from the original module report.
2. EIRP (dBm) = Conducted Output Power (dBm) + Antenna Gain (dBi)

Band	SCS	Bandwidth	Modulation	Channel	RB Configuration	Conducted Output Power (dBm)	EIRP Power (dBm)
NR n41	30	20	DFT-QPSK	L	Inner_1RB_Left	25.93	28.95
NR n41	30	20	DFT-QPSK	L	Inner_1RB_Right	26.09	29.11
NR n41	30	20	DFT-QPSK	L	Outer_Full	25.22	28.24
NR n41	30	20	DFT-16QAM	L	Inner_1RB_Left	25	28.02
NR n41	30	20	DFT-16QAM	L	Inner_1RB_Right	25.03	28.05
NR n41	30	20	DFT-16QAM	L	Outer_Full	24.34	27.36
NR n41	30	20	DFT-64QAM	L	Inner_1RB_Left	23.85	26.87
NR n41	30	20	DFT-64QAM	L	Inner_1RB_Right	24.07	27.09
NR n41	30	20	DFT-64QAM	L	Outer_Full	23.78	26.8
NR n41	30	20	DFT-256QAM	L	Inner_1RB_Left	23.74	26.76
NR n41	30	20	DFT-256QAM	L	Inner_1RB_Right	21.91	24.93
NR n41	30	20	DFT-256QAM	L	Outer_Full	21.78	24.8
NR n41	30	20	DFT-QPSK	M	Inner_1RB_Left	25.59	28.61
NR n41	30	20	DFT-QPSK	M	Inner_1RB_Right	25.34	28.36
NR n41	30	20	DFT-QPSK	M	Outer_Full	24.6	27.62
NR n41	30	20	DFT-16QAM	M	Inner_1RB_Left	24.81	27.83
NR n41	30	20	DFT-16QAM	M	Inner_1RB_Right	24.51	27.53
NR n41	30	20	DFT-16QAM	M	Outer_Full	23.69	26.71
NR n41	30	20	DFT-64QAM	M	Inner_1RB_Left	23.45	26.47
NR n41	30	20	DFT-64QAM	M	Inner_1RB_Right	23.13	26.15
NR n41	30	20	DFT-64QAM	M	Outer_Full	23.14	26.16
NR n41	30	20	DFT-256QAM	M	Inner_1RB_Left	21.29	24.31
NR n41	30	20	DFT-256QAM	M	Inner_1RB_Right	20.96	23.98
NR n41	30	20	DFT-256QAM	M	Outer_Full	21.15	24.17
NR n41	30	20	DFT-QPSK	H	Inner_1RB_Left	25.55	28.57
NR n41	30	20	DFT-QPSK	H	Inner_1RB_Right	25.66	28.68
NR n41	30	20	DFT-QPSK	H	Outer_Full	24.38	27.4
NR n41	30	20	DFT-16QAM	H	Inner_1RB_Left	24.67	27.69
NR n41	30	20	DFT-16QAM	H	Inner_1RB_Right	24.77	27.79
NR n41	30	20	DFT-16QAM	H	Outer_Full	23.96	26.98
NR n41	30	20	DFT-64QAM	H	Inner_1RB_Left	23.81	26.83
NR n41	30	20	DFT-64QAM	H	Inner_1RB_Right	23.95	26.97
NR n41	30	20	DFT-64QAM	H	Outer_Full	23.41	26.43
NR n41	30	20	DFT-256QAM	H	Inner_1RB_Left	23.4	26.42
NR n41	30	20	DFT-256QAM	H	Inner_1RB_Right	21.5	24.52
NR n41	30	20	DFT-256QAM	H	Outer_Full	21.43	24.45

Note:

1. The conducted output power was copied from the original module report.
2. EIRP (dBm) = Conducted Output Power (dBm) + Antenna Gain (dBi)

Band	SCS	Bandwidth	Modulation	Channel	RB Configuration	Conducted Output Power (dBm)	EIRP Power (dBm)
NR n41	30	30	DFT-QPSK	L	Inner_1RB_Left	25.87	28.89
NR n41	30	30	DFT-QPSK	L	Inner_1RB_Right	26.13	29.15
NR n41	30	30	DFT-QPSK	L	Outer_Full	25.19	28.21
NR n41	30	30	DFT-16QAM	L	Inner_1RB_Left	24.92	27.94
NR n41	30	30	DFT-16QAM	L	Inner_1RB_Right	25.2	28.22
NR n41	30	30	DFT-16QAM	L	Outer_Full	24.3	27.32
NR n41	30	30	DFT-64QAM	L	Inner_1RB_Left	24.14	27.16
NR n41	30	30	DFT-64QAM	L	Inner_1RB_Right	24.03	27.05
NR n41	30	30	DFT-64QAM	L	Outer_Full	23.75	26.77
NR n41	30	30	DFT-256QAM	L	Inner_1RB_Left	21.71	24.73
NR n41	30	30	DFT-256QAM	L	Inner_1RB_Right	21.77	24.79
NR n41	30	30	DFT-256QAM	L	Outer_Full	21.73	24.75
NR n41	30	30	DFT-QPSK	M	Inner_1RB_Left	25.54	28.56
NR n41	30	30	DFT-QPSK	M	Inner_1RB_Right	25.38	28.4
NR n41	30	30	DFT-QPSK	M	Outer_Full	24.55	27.57
NR n41	30	30	DFT-16QAM	M	Inner_1RB_Left	24.75	27.77
NR n41	30	30	DFT-16QAM	M	Inner_1RB_Right	24.35	27.37
NR n41	30	30	DFT-16QAM	M	Outer_Full	23.63	26.65
NR n41	30	30	DFT-64QAM	M	Inner_1RB_Left	23.36	26.38
NR n41	30	30	DFT-64QAM	M	Inner_1RB_Right	23.19	26.21
NR n41	30	30	DFT-64QAM	M	Outer_Full	23.11	26.13
NR n41	30	30	DFT-256QAM	M	Inner_1RB_Left	21.18	24.2
NR n41	30	30	DFT-256QAM	M	Inner_1RB_Right	21.22	24.24
NR n41	30	30	DFT-256QAM	M	Outer_Full	21.1	24.12
NR n41	30	30	DFT-QPSK	H	Inner_1RB_Left	25.58	28.6
NR n41	30	30	DFT-QPSK	H	Inner_1RB_Right	25.69	28.71
NR n41	30	30	DFT-QPSK	H	Outer_Full	24.72	27.74
NR n41	30	30	DFT-16QAM	H	Inner_1RB_Left	24.44	27.46
NR n41	30	30	DFT-16QAM	H	Inner_1RB_Right	24.5	27.52
NR n41	30	30	DFT-16QAM	H	Outer_Full	23.75	26.77
NR n41	30	30	DFT-64QAM	H	Inner_1RB_Left	23.35	26.37
NR n41	30	30	DFT-64QAM	H	Inner_1RB_Right	23.52	26.54
NR n41	30	30	DFT-64QAM	H	Outer_Full	23.23	26.25
NR n41	30	30	DFT-256QAM	H	Inner_1RB_Left	21.2	24.22
NR n41	30	30	DFT-256QAM	H	Inner_1RB_Right	21.53	24.55
NR n41	30	30	DFT-256QAM	H	Outer_Full	21.2	24.22

Note:

1. The conducted output power was copied from the original module report.
2. EIRP (dBm) = Conducted Output Power (dBm) + Antenna Gain (dBi)



Band	SCS	Bandwidth	Modulation	Channel	RB Configuration	Conducted Output Power (dBm)	EIRP Power (dBm)
NR n41	30	40	DFT-QPSK	L	Inner_1RB_Left	25.96	28.98
NR n41	30	40	DFT-QPSK	L	Inner_1RB_Right	26.1	29.12
NR n41	30	40	DFT-QPSK	L	Outer_Full	25.14	28.16
NR n41	30	40	DFT-16QAM	L	Inner_1RB_Left	24.93	27.95
NR n41	30	40	DFT-16QAM	L	Inner_1RB_Right	24.88	27.9
NR n41	30	40	DFT-16QAM	L	Outer_Full	24.26	27.28
NR n41	30	40	DFT-64QAM	L	Inner_1RB_Left	23.87	26.89
NR n41	30	40	DFT-64QAM	L	Inner_1RB_Right	24.05	27.07
NR n41	30	40	DFT-64QAM	L	Outer_Full	23.78	26.8
NR n41	30	40	DFT-256QAM	L	Inner_1RB_Left	21.65	24.67
NR n41	30	40	DFT-256QAM	L	Inner_1RB_Right	21.79	24.81
NR n41	30	40	DFT-256QAM	L	Outer_Full	21.74	24.76
NR n41	30	40	DFT-QPSK	M	Inner_1RB_Left	25.59	28.61
NR n41	30	40	DFT-QPSK	M	Inner_1RB_Right	25.45	28.47
NR n41	30	40	DFT-QPSK	M	Outer_Full	24.53	27.55
NR n41	30	40	DFT-16QAM	M	Inner_1RB_Left	24.67	27.69
NR n41	30	40	DFT-16QAM	M	Inner_1RB_Right	24.56	27.58
NR n41	30	40	DFT-16QAM	M	Outer_Full	23.52	26.54
NR n41	30	40	DFT-64QAM	M	Inner_1RB_Left	23.33	26.35
NR n41	30	40	DFT-64QAM	M	Inner_1RB_Right	23.26	26.28
NR n41	30	40	DFT-64QAM	M	Outer_Full	23.05	26.07
NR n41	30	40	DFT-256QAM	M	Inner_1RB_Left	21.18	24.2
NR n41	30	40	DFT-256QAM	M	Inner_1RB_Right	21.23	24.25
NR n41	30	40	DFT-256QAM	M	Outer_Full	21.02	24.04
NR n41	30	40	DFT-QPSK	H	Inner_1RB_Left	25.65	28.67
NR n41	30	40	DFT-QPSK	H	Inner_1RB_Right	25.79	28.81
NR n41	30	40	DFT-QPSK	H	Outer_Full	24.74	27.76
NR n41	30	40	DFT-16QAM	H	Inner_1RB_Left	24.61	27.63
NR n41	30	40	DFT-16QAM	H	Inner_1RB_Right	24.64	27.66
NR n41	30	40	DFT-16QAM	H	Outer_Full	23.78	26.8
NR n41	30	40	DFT-64QAM	H	Inner_1RB_Left	23.41	26.43
NR n41	30	40	DFT-64QAM	H	Inner_1RB_Right	23.71	26.73
NR n41	30	40	DFT-64QAM	H	Outer_Full	23.29	26.31
NR n41	30	40	DFT-256QAM	H	Inner_1RB_Left	21.21	24.23
NR n41	30	40	DFT-256QAM	H	Inner_1RB_Right	21.63	24.65
NR n41	30	40	DFT-256QAM	H	Outer_Full	21.28	24.3

Note:

1. The conducted output power was copied from the original module report.
2. EIRP (dBm) = Conducted Output Power (dBm) + Antenna Gain (dBi)



Band	SCS	Bandwidth	Modulation	Channel	RB Configuration	Conducted Output Power (dBm)	EIRP Power (dBm)
NR n41	30	50	DFT-QPSK	L	Inner_1RB_Left	25.86	28.88
NR n41	30	50	DFT-QPSK	L	Inner_1RB_Right	25.85	28.87
NR n41	30	50	DFT-QPSK	L	Outer_Full	25.12	28.14
NR n41	30	50	DFT-16QAM	L	Inner_1RB_Left	25	28.02
NR n41	30	50	DFT-16QAM	L	Inner_1RB_Right	25.03	28.05
NR n41	30	50	DFT-16QAM	L	Outer_Full	24.24	27.26
NR n41	30	50	DFT-64QAM	L	Inner_1RB_Left	23.82	26.84
NR n41	30	50	DFT-64QAM	L	Inner_1RB_Right	23.87	26.89
NR n41	30	50	DFT-64QAM	L	Outer_Full	23.73	26.75
NR n41	30	50	DFT-256QAM	L	Inner_1RB_Left	21.74	24.76
NR n41	30	50	DFT-256QAM	L	Inner_1RB_Right	21.64	24.66
NR n41	30	50	DFT-256QAM	L	Outer_Full	21.73	24.75
NR n41	30	50	DFT-QPSK	M	Inner_1RB_Left	25.54	28.56
NR n41	30	50	DFT-QPSK	M	Inner_1RB_Right	25.63	28.65
NR n41	30	50	DFT-QPSK	M	Outer_Full	24.58	27.6
NR n41	30	50	DFT-16QAM	M	Inner_1RB_Left	24.71	27.73
NR n41	30	50	DFT-16QAM	M	Inner_1RB_Right	24.66	27.68
NR n41	30	50	DFT-16QAM	M	Outer_Full	23.64	26.66
NR n41	30	50	DFT-64QAM	M	Inner_1RB_Left	23.43	26.45
NR n41	30	50	DFT-64QAM	M	Inner_1RB_Right	23.5	26.52
NR n41	30	50	DFT-64QAM	M	Outer_Full	23.14	26.16
NR n41	30	50	DFT-256QAM	M	Inner_1RB_Left	21.17	24.19
NR n41	30	50	DFT-256QAM	M	Inner_1RB_Right	21.23	24.25
NR n41	30	50	DFT-256QAM	M	Outer_Full	21.15	24.17
NR n41	30	50	DFT-QPSK	H	Inner_1RB_Left	25.53	28.55
NR n41	30	50	DFT-QPSK	H	Inner_1RB_Right	25.72	28.74
NR n41	30	50	DFT-QPSK	H	Outer_Full	24.7	27.72
NR n41	30	50	DFT-16QAM	H	Inner_1RB_Left	24.47	27.49
NR n41	30	50	DFT-16QAM	H	Inner_1RB_Right	24.57	27.59
NR n41	30	50	DFT-16QAM	H	Outer_Full	23.72	26.74
NR n41	30	50	DFT-64QAM	H	Inner_1RB_Left	23.24	26.26
NR n41	30	50	DFT-64QAM	H	Inner_1RB_Right	23.55	26.57
NR n41	30	50	DFT-64QAM	H	Outer_Full	23.23	26.25
NR n41	30	50	DFT-256QAM	H	Inner_1RB_Left	21.12	24.14
NR n41	30	50	DFT-256QAM	H	Inner_1RB_Right	21.41	24.43
NR n41	30	50	DFT-256QAM	H	Outer_Full	21.21	24.23

Note:

1. The conducted output power was copied from the original module report.
2. EIRP (dBm) = Conducted Output Power (dBm) + Antenna Gain (dBi)

Band	SCS	Bandwidth	Modulation	Channel	RB Configuration	Conducted Output Power (dBm)	EIRP Power (dBm)
NR n41	30	60	DFT-QPSK	L	Inner_1RB_Left	25.74	28.76
NR n41	30	60	DFT-QPSK	L	Inner_1RB_Right	25.79	28.81
NR n41	30	60	DFT-QPSK	L	Outer_Full	25.06	28.08
NR n41	30	60	DFT-16QAM	L	Inner_1RB_Left	24.86	27.88
NR n41	30	60	DFT-16QAM	L	Inner_1RB_Right	25.03	28.05
NR n41	30	60	DFT-16QAM	L	Outer_Full	24.16	27.18
NR n41	30	60	DFT-64QAM	L	Inner_1RB_Left	23.67	26.69
NR n41	30	60	DFT-64QAM	L	Inner_1RB_Right	23.64	26.66
NR n41	30	60	DFT-64QAM	L	Outer_Full	23.62	26.64
NR n41	30	60	DFT-256QAM	L	Inner_1RB_Left	21.42	24.44
NR n41	30	60	DFT-256QAM	L	Inner_1RB_Right	21.59	24.61
NR n41	30	60	DFT-256QAM	L	Outer_Full	21.6	24.62
NR n41	30	60	DFT-QPSK	M	Inner_1RB_Left	25.39	28.41
NR n41	30	60	DFT-QPSK	M	Inner_1RB_Right	25.58	28.6
NR n41	30	60	DFT-QPSK	M	Outer_Full	24.55	27.57
NR n41	30	60	DFT-16QAM	M	Inner_1RB_Left	24.35	27.37
NR n41	30	60	DFT-16QAM	M	Inner_1RB_Right	24.47	27.49
NR n41	30	60	DFT-16QAM	M	Outer_Full	23.65	26.67
NR n41	30	60	DFT-64QAM	M	Inner_1RB_Left	23.33	26.35
NR n41	30	60	DFT-64QAM	M	Inner_1RB_Right	23.44	26.46
NR n41	30	60	DFT-64QAM	M	Outer_Full	23.13	26.15
NR n41	30	60	DFT-256QAM	M	Inner_1RB_Left	21.07	24.09
NR n41	30	60	DFT-256QAM	M	Inner_1RB_Right	21.25	24.27
NR n41	30	60	DFT-256QAM	M	Outer_Full	21.12	24.14
NR n41	30	60	DFT-QPSK	H	Inner_1RB_Left	25.34	28.36
NR n41	30	60	DFT-QPSK	H	Inner_1RB_Right	25.68	28.7
NR n41	30	60	DFT-QPSK	H	Outer_Full	24.72	27.74
NR n41	30	60	DFT-16QAM	H	Inner_1RB_Left	24.28	27.3
NR n41	30	60	DFT-16QAM	H	Inner_1RB_Right	24.65	27.67
NR n41	30	60	DFT-16QAM	H	Outer_Full	23.75	26.77
NR n41	30	60	DFT-64QAM	H	Inner_1RB_Left	23.08	26.1
NR n41	30	60	DFT-64QAM	H	Inner_1RB_Right	23.56	26.58
NR n41	30	60	DFT-64QAM	H	Outer_Full	23.23	26.25
NR n41	30	60	DFT-256QAM	H	Inner_1RB_Left	20.92	23.94
NR n41	30	60	DFT-256QAM	H	Inner_1RB_Right	21.52	24.54
NR n41	30	60	DFT-256QAM	H	Outer_Full	21.21	24.23

Note:

1. The conducted output power was copied from the original module report.
2. EIRP (dBm) = Conducted Output Power (dBm) + Antenna Gain (dBi)

Band	SCS	Bandwidth	Modulation	Channel	RB Configuration	Conducted Output Power (dBm)	EIRP Power (dBm)
NR n41	30	70	DFT-QPSK	L	Inner_1RB_Left	25.81	28.83
NR n41	30	70	DFT-QPSK	L	Inner_1RB_Right	25.9	28.92
NR n41	30	70	DFT-QPSK	L	Outer_Full	25.18	28.2
NR n41	30	70	DFT-16QAM	L	Inner_1RB_Left	24.87	27.89
NR n41	30	70	DFT-16QAM	L	Inner_1RB_Right	25.04	28.06
NR n41	30	70	DFT-16QAM	L	Outer_Full	24.2	27.22
NR n41	30	70	DFT-64QAM	L	Inner_1RB_Left	23.98	27
NR n41	30	70	DFT-64QAM	L	Inner_1RB_Right	23.84	26.86
NR n41	30	70	DFT-64QAM	L	Outer_Full	23.68	26.7
NR n41	30	70	DFT-256QAM	L	Inner_1RB_Left	21.52	24.54
NR n41	30	70	DFT-256QAM	L	Inner_1RB_Right	21.3	24.32
NR n41	30	70	DFT-256QAM	L	Outer_Full	21.65	24.67
NR n41	30	70	DFT-QPSK	M	Inner_1RB_Left	25.53	28.55
NR n41	30	70	DFT-QPSK	M	Inner_1RB_Right	25.63	28.65
NR n41	30	70	DFT-QPSK	M	Outer_Full	24.63	27.65
NR n41	30	70	DFT-16QAM	M	Inner_1RB_Left	24.59	27.61
NR n41	30	70	DFT-16QAM	M	Inner_1RB_Right	24.68	27.7
NR n41	30	70	DFT-16QAM	M	Outer_Full	23.71	26.73
NR n41	30	70	DFT-64QAM	M	Inner_1RB_Left	23.44	26.46
NR n41	30	70	DFT-64QAM	M	Inner_1RB_Right	23.47	26.49
NR n41	30	70	DFT-64QAM	M	Outer_Full	23.21	26.23
NR n41	30	70	DFT-256QAM	M	Inner_1RB_Left	21.21	24.23
NR n41	30	70	DFT-256QAM	M	Inner_1RB_Right	21.16	24.18
NR n41	30	70	DFT-256QAM	M	Outer_Full	21.21	24.23
NR n41	30	70	DFT-QPSK	H	Inner_1RB_Left	25.37	28.39
NR n41	30	70	DFT-QPSK	H	Inner_1RB_Right	25.67	28.69
NR n41	30	70	DFT-QPSK	H	Outer_Full	24.78	27.8
NR n41	30	70	DFT-16QAM	H	Inner_1RB_Left	24.28	27.3
NR n41	30	70	DFT-16QAM	H	Inner_1RB_Right	24.72	27.74
NR n41	30	70	DFT-16QAM	H	Outer_Full	23.79	26.81
NR n41	30	70	DFT-64QAM	H	Inner_1RB_Left	23.1	26.12
NR n41	30	70	DFT-64QAM	H	Inner_1RB_Right	23.6	26.62
NR n41	30	70	DFT-64QAM	H	Outer_Full	23.02	26.04
NR n41	30	70	DFT-256QAM	H	Inner_1RB_Left	21.08	24.1
NR n41	30	70	DFT-256QAM	H	Inner_1RB_Right	21.5	24.52
NR n41	30	70	DFT-256QAM	H	Outer_Full	21.33	24.35

Note:

1. The conducted output power was copied from the original module report.
2. EIRP (dBm) = Conducted Output Power (dBm) + Antenna Gain (dBi)



Band	SCS	Bandwidth	Modulation	Channel	RB Configuration	Conducted Output Power (dBm)	EIRP Power (dBm)
NR n41	30	80	DFT-QPSK	L	Inner_1RB_Left	25.71	28.73
NR n41	30	80	DFT-QPSK	L	Inner_1RB_Right	25.71	28.73
NR n41	30	80	DFT-QPSK	L	Outer_Full	24.99	28.01
NR n41	30	80	DFT-16QAM	L	Inner_1RB_Left	24.75	27.77
NR n41	30	80	DFT-16QAM	L	Inner_1RB_Right	25.04	28.06
NR n41	30	80	DFT-16QAM	L	Outer_Full	24.08	27.1
NR n41	30	80	DFT-64QAM	L	Inner_1RB_Left	23.59	26.61
NR n41	30	80	DFT-64QAM	L	Inner_1RB_Right	23.39	26.41
NR n41	30	80	DFT-64QAM	L	Outer_Full	23.56	26.58
NR n41	30	80	DFT-256QAM	L	Inner_1RB_Left	21.31	24.33
NR n41	30	80	DFT-256QAM	L	Inner_1RB_Right	21.2	24.22
NR n41	30	80	DFT-256QAM	L	Outer_Full	21.54	24.56
NR n41	30	80	DFT-QPSK	M	Inner_1RB_Left	25.47	28.49
NR n41	30	80	DFT-QPSK	M	Inner_1RB_Right	25.6	28.62
NR n41	30	80	DFT-QPSK	M	Outer_Full	24.65	27.67
NR n41	30	80	DFT-16QAM	M	Inner_1RB_Left	24.51	27.53
NR n41	30	80	DFT-16QAM	M	Inner_1RB_Right	24.64	27.66
NR n41	30	80	DFT-16QAM	M	Outer_Full	23.73	26.75
NR n41	30	80	DFT-64QAM	M	Inner_1RB_Left	23.46	26.48
NR n41	30	80	DFT-64QAM	M	Inner_1RB_Right	23.49	26.51
NR n41	30	80	DFT-64QAM	M	Outer_Full	23.22	26.24
NR n41	30	80	DFT-256QAM	M	Inner_1RB_Left	21.1	24.12
NR n41	30	80	DFT-256QAM	M	Inner_1RB_Right	21.35	24.37
NR n41	30	80	DFT-256QAM	M	Outer_Full	21.22	24.24
NR n41	30	80	DFT-QPSK	H	Inner_1RB_Left	25.01	28.03
NR n41	30	80	DFT-QPSK	H	Inner_1RB_Right	25.69	28.71
NR n41	30	80	DFT-QPSK	H	Outer_Full	24.73	27.75
NR n41	30	80	DFT-16QAM	H	Inner_1RB_Left	24	27.02
NR n41	30	80	DFT-16QAM	H	Inner_1RB_Right	24.61	27.63
NR n41	30	80	DFT-16QAM	H	Outer_Full	23.74	26.76
NR n41	30	80	DFT-64QAM	H	Inner_1RB_Left	22.7	25.72
NR n41	30	80	DFT-64QAM	H	Inner_1RB_Right	23.64	26.66
NR n41	30	80	DFT-64QAM	H	Outer_Full	23.12	26.14
NR n41	30	80	DFT-256QAM	H	Inner_1RB_Left	20.59	23.61
NR n41	30	80	DFT-256QAM	H	Inner_1RB_Right	21.36	24.38
NR n41	30	80	DFT-256QAM	H	Outer_Full	21.29	24.31

Note:

1. The conducted output power was copied from the original module report.
2. EIRP (dBm) = Conducted Output Power (dBm) + Antenna Gain (dBi)

Band	SCS	Bandwidth	Modulation	Channel	RB Configuration	Conducted Output Power (dBm)	EIRP Power (dBm)
NR n41	30	90	DFT-QPSK	L	Inner_1RB_Left	25.62	28.64
NR n41	30	90	DFT-QPSK	L	Inner_1RB_Right	25.74	28.76
NR n41	30	90	DFT-QPSK	L	Outer_Full	24.94	27.96
NR n41	30	90	DFT-16QAM	L	Inner_1RB_Left	24.66	27.68
NR n41	30	90	DFT-16QAM	L	Inner_1RB_Right	24.91	27.93
NR n41	30	90	DFT-16QAM	L	Outer_Full	24.02	27.04
NR n41	30	90	DFT-64QAM	L	Inner_1RB_Left	23.52	26.54
NR n41	30	90	DFT-64QAM	L	Inner_1RB_Right	23.45	26.47
NR n41	30	90	DFT-64QAM	L	Outer_Full	23.54	26.56
NR n41	30	90	DFT-256QAM	L	Inner_1RB_Left	21.4	24.42
NR n41	30	90	DFT-256QAM	L	Inner_1RB_Right	21.26	24.28
NR n41	30	90	DFT-256QAM	L	Outer_Full	21.49	24.51
NR n41	30	90	DFT-QPSK	M	Inner_1RB_Left	25.37	28.39
NR n41	30	90	DFT-QPSK	M	Inner_1RB_Right	25.58	28.6
NR n41	30	90	DFT-QPSK	M	Outer_Full	24.7	27.72
NR n41	30	90	DFT-16QAM	M	Inner_1RB_Left	24.65	27.67
NR n41	30	90	DFT-16QAM	M	Inner_1RB_Right	24.58	27.6
NR n41	30	90	DFT-16QAM	M	Outer_Full	23.75	26.77
NR n41	30	90	DFT-64QAM	M	Inner_1RB_Left	23.66	26.68
NR n41	30	90	DFT-64QAM	M	Inner_1RB_Right	23.75	26.77
NR n41	30	90	DFT-64QAM	M	Outer_Full	23.27	26.29
NR n41	30	90	DFT-256QAM	M	Inner_1RB_Left	20.95	23.97
NR n41	30	90	DFT-256QAM	M	Inner_1RB_Right	21.17	24.19
NR n41	30	90	DFT-256QAM	M	Outer_Full	21.24	24.26
NR n41	30	90	DFT-QPSK	H	Inner_1RB_Left	24.98	28
NR n41	30	90	DFT-QPSK	H	Inner_1RB_Right	25.68	28.7
NR n41	30	90	DFT-QPSK	H	Outer_Full	24.71	27.73
NR n41	30	90	DFT-16QAM	H	Inner_1RB_Left	24.12	27.14
NR n41	30	90	DFT-16QAM	H	Inner_1RB_Right	24.67	27.69
NR n41	30	90	DFT-16QAM	H	Outer_Full	23.68	26.7
NR n41	30	90	DFT-64QAM	H	Inner_1RB_Left	22.73	25.75
NR n41	30	90	DFT-64QAM	H	Inner_1RB_Right	23.56	26.58
NR n41	30	90	DFT-64QAM	H	Outer_Full	23.2	26.22
NR n41	30	90	DFT-256QAM	H	Inner_1RB_Left	20.56	23.58
NR n41	30	90	DFT-256QAM	H	Inner_1RB_Right	21.36	24.38
NR n41	30	90	DFT-256QAM	H	Outer_Full	21.14	24.16

Note:

1. The conducted output power was copied from the original module report.
2. EIRP (dBm) = Conducted Output Power (dBm) + Antenna Gain (dBi)

Band	SCS	Bandwidth	Modulation	Channel	RB Configuration	Conducted Output Power (dBm)	EIRP Power (dBm)
NR n41	30	100	DFT-QPSK	L	Inner_1RB_Left	25.58	28.6
NR n41	30	100	DFT-QPSK	L	Inner_1RB_Right	25.48	28.5
NR n41	30	100	DFT-QPSK	L	Outer_Full	25.02	28.04
NR n41	30	100	DFT-16QAM	L	Inner_1RB_Left	24.68	27.7
NR n41	30	100	DFT-16QAM	L	Inner_1RB_Right	24.66	27.68
NR n41	30	100	DFT-16QAM	L	Outer_Full	23.98	27
NR n41	30	100	DFT-64QAM	L	Inner_1RB_Left	23.55	26.57
NR n41	30	100	DFT-64QAM	L	Inner_1RB_Right	23.22	26.24
NR n41	30	100	DFT-64QAM	L	Outer_Full	23.46	26.48
NR n41	30	100	DFT-256QAM	L	Inner_1RB_Left	21.39	24.41
NR n41	30	100	DFT-256QAM	L	Inner_1RB_Right	21.09	24.11
NR n41	30	100	DFT-256QAM	L	Outer_Full	21.4	24.42
NR n41	30	100	DFT-QPSK	M	Inner_1RB_Left	25.46	28.48
NR n41	30	100	DFT-QPSK	M	Inner_1RB_Right	25.74	28.76
NR n41	30	100	DFT-QPSK	M	Outer_Full	24.68	27.7
NR n41	30	100	DFT-16QAM	M	Inner_1RB_Left	24.32	27.34
NR n41	30	100	DFT-16QAM	M	Inner_1RB_Right	24.72	27.74
NR n41	30	100	DFT-16QAM	M	Outer_Full	23.68	26.7
NR n41	30	100	DFT-64QAM	M	Inner_1RB_Left	23.34	26.36
NR n41	30	100	DFT-64QAM	M	Inner_1RB_Right	23.49	26.51
NR n41	30	100	DFT-64QAM	M	Outer_Full	23.17	26.19
NR n41	30	100	DFT-256QAM	M	Inner_1RB_Left	21.11	24.13
NR n41	30	100	DFT-256QAM	M	Inner_1RB_Right	21.34	24.36
NR n41	30	100	DFT-256QAM	M	Outer_Full	21.14	24.16
NR n41	30	100	DFT-QPSK	H	Inner_1RB_Left	25.15	28.17
NR n41	30	100	DFT-QPSK	H	Inner_1RB_Right	25.79	28.81
NR n41	30	100	DFT-QPSK	H	Outer_Full	24.67	27.69
NR n41	30	100	DFT-16QAM	H	Inner_1RB_Left	24.06	27.08
NR n41	30	100	DFT-16QAM	H	Inner_1RB_Right	24.66	27.68
NR n41	30	100	DFT-16QAM	H	Outer_Full	23.67	26.69
NR n41	30	100	DFT-64QAM	H	Inner_1RB_Left	22.92	25.94
NR n41	30	100	DFT-64QAM	H	Inner_1RB_Right	23.67	26.69
NR n41	30	100	DFT-64QAM	H	Outer_Full	23.16	26.18
NR n41	30	100	DFT-256QAM	H	Inner_1RB_Left	20.79	23.81
NR n41	30	100	DFT-256QAM	H	Inner_1RB_Right	21.53	24.55
NR n41	30	100	DFT-256QAM	H	Outer_Full	21.11	24.13

Note:

1. The conducted output power was copied from the original module report.
2. EIRP (dBm) = Conducted Output Power (dBm) + Antenna Gain (dBi)

**MIMO**

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Conducted Output Power (dBm)		Total Power (dBm)	EIRP Power (dBm)
						Ant1	Ant2		
NR n41	30	10	DFT-QPSK	L	Inner_1RB_Left	25.63	25.44	28.55	31.57
NR n41	30	10	DFT-QPSK	L	Inner_1RB_Right	25.58	25.68	28.64	31.66
NR n41	30	10	DFT-QPSK	L	Outer_Full	24.2	24.2	27.21	30.23
NR n41	30	10	DFT-16QAM	L	Inner_1RB_Left	25.09	24.02	27.60	30.62
NR n41	30	10	DFT-16QAM	L	Inner_1RB_Right	25.31	24.15	27.78	30.80
NR n41	30	10	DFT-16QAM	L	Outer_Full	24.33	23.25	26.83	29.85
NR n41	30	10	DFT-64QAM	L	Inner_1RB_Left	24.12	24.23	27.19	30.21
NR n41	30	10	DFT-64QAM	L	Inner_1RB_Right	23.88	22.83	26.40	29.42
NR n41	30	10	DFT-64QAM	L	Outer_Full	22.63	22.7	25.68	28.70
NR n41	30	10	DFT-256QAM	L	Inner_1RB_Left	20.49	20.21	23.36	26.38
NR n41	30	10	DFT-256QAM	L	Inner_1RB_Right	20.54	19.66	23.13	26.15
NR n41	30	10	DFT-256QAM	L	Outer_Full	20.62	19.65	23.17	26.19
NR n41	30	10	DFT-QPSK	M	Inner_1RB_Left	25.38	24.52	27.98	31.00
NR n41	30	10	DFT-QPSK	M	Inner_1RB_Right	25.15	24.92	28.05	31.07
NR n41	30	10	DFT-QPSK	M	Outer_Full	23.84	23.26	26.57	29.59
NR n41	30	10	DFT-16QAM	M	Inner_1RB_Left	24.9	23.97	27.47	30.49
NR n41	30	10	DFT-16QAM	M	Inner_1RB_Right	24.91	24.35	27.65	30.67
NR n41	30	10	DFT-16QAM	M	Outer_Full	23.85	23.21	26.55	29.57
NR n41	30	10	DFT-64QAM	M	Inner_1RB_Left	23.77	23.21	26.51	29.53
NR n41	30	10	DFT-64QAM	M	Inner_1RB_Right	23.37	23.17	26.28	29.30
NR n41	30	10	DFT-64QAM	M	Outer_Full	23.19	22.52	25.88	28.90
NR n41	30	10	DFT-256QAM	M	Inner_1RB_Left	20.29	20.35	23.33	26.35
NR n41	30	10	DFT-256QAM	M	Inner_1RB_Right	20.11	20.52	23.33	26.35
NR n41	30	10	DFT-256QAM	M	Outer_Full	19.52	19.69	22.62	25.64
NR n41	30	10	DFT-QPSK	H	Inner_1RB_Left	25.23	25.19	28.22	31.24
NR n41	30	10	DFT-QPSK	H	Inner_1RB_Right	25.32	25.09	28.22	31.24
NR n41	30	10	DFT-QPSK	H	Outer_Full	23.95	23.8	26.89	29.91
NR n41	30	10	DFT-16QAM	H	Inner_1RB_Left	24.59	24.54	27.58	30.60
NR n41	30	10	DFT-16QAM	H	Inner_1RB_Right	24.74	24.45	27.61	30.63
NR n41	30	10	DFT-16QAM	H	Outer_Full	23.87	23.76	26.83	29.85
NR n41	30	10	DFT-64QAM	H	Inner_1RB_Left	23.54	23.21	26.39	29.41
NR n41	30	10	DFT-64QAM	H	Inner_1RB_Right	23.54	23.28	26.42	29.44
NR n41	30	10	DFT-64QAM	H	Outer_Full	23.4	23.3	26.36	29.38
NR n41	30	10	DFT-256QAM	H	Inner_1RB_Left	20.27	20.3	23.30	26.32
NR n41	30	10	DFT-256QAM	H	Inner_1RB_Right	20.27	19.67	22.99	26.01
NR n41	30	10	DFT-256QAM	H	Outer_Full	20.38	20.28	23.34	26.36

Note:

1. The conducted output power was copied from the original module report.
2. EIRP (dBm) = Conducted Output Power (dBm) + Antenna Gain (dBi)





Band	SCS	Bandwidth	Modulation	Channel	RB Config	Conducted Output Power (dBm)		Total Power (dBm)	EIRP Power (dBm)
						Ant1	Ant2		
NR n41	30	15	DFT-QPSK	L	Inner_1RB_Left	25.46	24.67	28.09	31.11
NR n41	30	15	DFT-QPSK	L	Inner_1RB_Right	25.55	25.02	28.30	31.32
NR n41	30	15	DFT-QPSK	L	Outer_Full	24.24	23.31	26.81	29.83
NR n41	30	15	DFT-16QAM	L	Inner_1RB_Left	24.97	24.04	27.54	30.56
NR n41	30	15	DFT-16QAM	L	Inner_1RB_Right	25.09	24.28	27.71	30.73
NR n41	30	15	DFT-16QAM	L	Outer_Full	24.3	23.32	26.85	29.87
NR n41	30	15	DFT-64QAM	L	Inner_1RB_Left	23.81	23.74	26.79	29.81
NR n41	30	15	DFT-64QAM	L	Inner_1RB_Right	23.81	22.97	26.42	29.44
NR n41	30	15	DFT-64QAM	L	Outer_Full	23.74	22.85	26.33	29.35
NR n41	30	15	DFT-256QAM	L	Inner_1RB_Left	20.47	19.59	23.06	26.08
NR n41	30	15	DFT-256QAM	L	Inner_1RB_Right	20.49	20.32	23.42	26.44
NR n41	30	15	DFT-256QAM	L	Outer_Full	20.6	19.76	23.21	26.23
NR n41	30	15	DFT-QPSK	M	Inner_1RB_Left	25.33	24.56	27.97	30.99
NR n41	30	15	DFT-QPSK	M	Inner_1RB_Right	25.11	25.15	28.14	31.16
NR n41	30	15	DFT-QPSK	M	Outer_Full	23.75	23.31	26.55	29.57
NR n41	30	15	DFT-16QAM	M	Inner_1RB_Left	24.86	23.96	27.44	30.46
NR n41	30	15	DFT-16QAM	M	Inner_1RB_Right	24.66	24.51	27.60	30.62
NR n41	30	15	DFT-16QAM	M	Outer_Full	23.78	23.31	26.56	29.58
NR n41	30	15	DFT-64QAM	M	Inner_1RB_Left	23.6	22.8	26.23	29.25
NR n41	30	15	DFT-64QAM	M	Inner_1RB_Right	23.36	23.38	26.38	29.40
NR n41	30	15	DFT-64QAM	M	Outer_Full	23.19	22.82	26.02	29.04
NR n41	30	15	DFT-256QAM	M	Inner_1RB_Left	20.25	19.6	22.95	25.97
NR n41	30	15	DFT-256QAM	M	Inner_1RB_Right	19.99	19.22	22.63	25.65
NR n41	30	15	DFT-256QAM	M	Outer_Full	20.14	19.83	23.00	26.02
NR n41	30	15	DFT-QPSK	H	Inner_1RB_Left	25.27	25.3	28.30	31.32
NR n41	30	15	DFT-QPSK	H	Inner_1RB_Right	25.19	25.16	28.19	31.21
NR n41	30	15	DFT-QPSK	H	Outer_Full	23.84	23.82	26.84	29.86
NR n41	30	15	DFT-16QAM	H	Inner_1RB_Left	24.56	24.54	27.56	30.58
NR n41	30	15	DFT-16QAM	H	Inner_1RB_Right	24.73	24.45	27.60	30.62
NR n41	30	15	DFT-16QAM	H	Outer_Full	23.85	23.78	26.83	29.85
NR n41	30	15	DFT-64QAM	H	Inner_1RB_Left	23.33	23.46	26.41	29.43
NR n41	30	15	DFT-64QAM	H	Inner_1RB_Right	23.41	23.36	26.40	29.42
NR n41	30	15	DFT-64QAM	H	Outer_Full	23.42	23.42	26.43	29.45
NR n41	30	15	DFT-256QAM	H	Inner_1RB_Left	20.16	20.25	23.22	26.24
NR n41	30	15	DFT-256QAM	H	Inner_1RB_Right	20.24	20.02	23.14	26.16
NR n41	30	15	DFT-256QAM	H	Outer_Full	20.52	20.32	23.43	26.45

Note:

1. The conducted output power was copied from the original module report.
2. EIRP (dBm) = Conducted Output Power (dBm) + Antenna Gain (dBi)



Band	SCS	Bandwidth	Modulation	Channel	RB Config	Conducted Output Power (dBm)		Total Power (dBm)	EIRP Power (dBm)
						Ant1	Ant2		
NR n41	30	20	DFT-QPSK	L	Inner_1RB_Left	25.59	24.77	28.21	31.23
NR n41	30	20	DFT-QPSK	L	Inner_1RB_Right	25.75	25.11	28.45	31.47
NR n41	30	20	DFT-QPSK	L	Outer_Full	24.22	24.12	27.18	30.20
NR n41	30	20	DFT-16QAM	L	Inner_1RB_Left	25.02	24.03	27.56	30.58
NR n41	30	20	DFT-16QAM	L	Inner_1RB_Right	25.18	24.48	27.85	30.87
NR n41	30	20	DFT-16QAM	L	Outer_Full	24.15	23.45	26.82	29.84
NR n41	30	20	DFT-64QAM	L	Inner_1RB_Left	23.73	22.52	26.18	29.20
NR n41	30	20	DFT-64QAM	L	Inner_1RB_Right	23.83	23.11	26.50	29.52
NR n41	30	20	DFT-64QAM	L	Outer_Full	23.67	22.92	26.32	29.34
NR n41	30	20	DFT-256QAM	L	Inner_1RB_Left	20.48	19.68	23.11	26.13
NR n41	30	20	DFT-256QAM	L	Inner_1RB_Right	20.56	19.96	23.28	26.30
NR n41	30	20	DFT-256QAM	L	Outer_Full	20.67	19.83	23.28	26.30
NR n41	30	20	DFT-QPSK	M	Inner_1RB_Left	25.37	24.42	27.93	30.95
NR n41	30	20	DFT-QPSK	M	Inner_1RB_Right	25.22	25.17	28.21	31.23
NR n41	30	20	DFT-QPSK	M	Outer_Full	23.78	23.35	26.58	29.60
NR n41	30	20	DFT-16QAM	M	Inner_1RB_Left	24.94	23.45	27.27	30.29
NR n41	30	20	DFT-16QAM	M	Inner_1RB_Right	24.82	24.49	27.67	30.69
NR n41	30	20	DFT-16QAM	M	Outer_Full	23.73	23.38	26.57	29.59
NR n41	30	20	DFT-64QAM	M	Inner_1RB_Left	23.53	22.83	26.20	29.22
NR n41	30	20	DFT-64QAM	M	Inner_1RB_Right	23.12	23.16	26.15	29.17
NR n41	30	20	DFT-64QAM	M	Outer_Full	23.18	22.91	26.06	29.08
NR n41	30	20	DFT-256QAM	M	Inner_1RB_Left	20.3	19.71	23.03	26.05
NR n41	30	20	DFT-256QAM	M	Inner_1RB_Right	20.17	19.29	22.76	25.78
NR n41	30	20	DFT-256QAM	M	Outer_Full	20.22	19.88	23.06	26.08
NR n41	30	20	DFT-QPSK	H	Inner_1RB_Left	25.11	25.48	28.31	31.33
NR n41	30	20	DFT-QPSK	H	Inner_1RB_Right	25.32	25.27	28.31	31.33
NR n41	30	20	DFT-QPSK	H	Outer_Full	23.85	23.95	26.91	29.93
NR n41	30	20	DFT-16QAM	H	Inner_1RB_Left	24.57	24.73	27.66	30.68
NR n41	30	20	DFT-16QAM	H	Inner_1RB_Right	24.84	24.47	27.67	30.69
NR n41	30	20	DFT-16QAM	H	Outer_Full	23.78	24.01	26.91	29.93
NR n41	30	20	DFT-64QAM	H	Inner_1RB_Left	23.35	23.25	26.31	29.33
NR n41	30	20	DFT-64QAM	H	Inner_1RB_Right	23.32	23.35	26.35	29.37
NR n41	30	20	DFT-64QAM	H	Outer_Full	23.4	23.58	26.50	29.52
NR n41	30	20	DFT-256QAM	H	Inner_1RB_Left	20.13	20.42	23.29	26.31
NR n41	30	20	DFT-256QAM	H	Inner_1RB_Right	20.4	20.21	23.32	26.34
NR n41	30	20	DFT-256QAM	H	Outer_Full	20.38	20.54	23.47	26.49

Note:

1. The conducted output power was copied from the original module report.
2. EIRP (dBm) = Conducted Output Power (dBm) + Antenna Gain (dBi)



Band	SCS	Bandwidth	Modulation	Channel	RB Config	Conducted Output Power (dBm)		Total Power (dBm)	EIRP Power (dBm)
						Ant1	Ant2		
NR n41	30	30	DFT-QPSK	L	Inner_1RB_Left	25.09	23.82	27.51	30.53
NR n41	30	30	DFT-QPSK	L	Inner_1RB_Right	25.12	20.81	26.49	29.51
NR n41	30	30	DFT-QPSK	L	Outer_Full	24.15	23.33	26.77	29.79
NR n41	30	30	DFT-16QAM	L	Inner_1RB_Left	25.01	24.08	27.58	30.60
NR n41	30	30	DFT-16QAM	L	Inner_1RB_Right	25.15	24.09	27.66	30.68
NR n41	30	30	DFT-16QAM	L	Outer_Full	24.15	23.34	26.77	29.79
NR n41	30	30	DFT-64QAM	L	Inner_1RB_Left	23.69	22.71	26.24	29.26
NR n41	30	30	DFT-64QAM	L	Inner_1RB_Right	23.73	22.63	26.23	29.25
NR n41	30	30	DFT-64QAM	L	Outer_Full	23.61	22.89	26.28	29.30
NR n41	30	30	DFT-256QAM	L	Inner_1RB_Left	20.44	19.59	23.05	26.07
NR n41	30	30	DFT-256QAM	L	Inner_1RB_Right	20.77	19.56	23.22	26.24
NR n41	30	30	DFT-256QAM	L	Outer_Full	20.57	19.78	23.20	26.22
NR n41	30	30	DFT-QPSK	M	Inner_1RB_Left	25.29	24.72	28.02	31.04
NR n41	30	30	DFT-QPSK	M	Inner_1RB_Right	25.26	25.16	28.22	31.24
NR n41	30	30	DFT-QPSK	M	Outer_Full	24.76	24.33	27.56	30.58
NR n41	30	30	DFT-16QAM	M	Inner_1RB_Left	24.86	24.02	27.47	30.49
NR n41	30	30	DFT-16QAM	M	Inner_1RB_Right	24.82	24.55	27.70	30.72
NR n41	30	30	DFT-16QAM	M	Outer_Full	23.73	23.29	26.53	29.55
NR n41	30	30	DFT-64QAM	M	Inner_1RB_Left	23.48	22.81	26.17	29.19
NR n41	30	30	DFT-64QAM	M	Inner_1RB_Right	23.42	23.35	26.40	29.42
NR n41	30	30	DFT-64QAM	M	Outer_Full	23.21	22.87	26.05	29.07
NR n41	30	30	DFT-256QAM	M	Inner_1RB_Left	20.17	19.65	22.93	25.95
NR n41	30	30	DFT-256QAM	M	Inner_1RB_Right	19.96	20.28	23.13	26.15
NR n41	30	30	DFT-256QAM	M	Outer_Full	20.16	19.9	23.04	26.06
NR n41	30	30	DFT-QPSK	H	Inner_1RB_Left	25.06	25.17	28.13	31.15
NR n41	30	30	DFT-QPSK	H	Inner_1RB_Right	25.37	25.31	28.35	31.37
NR n41	30	30	DFT-QPSK	H	Outer_Full	23.78	23.82	26.81	29.83
NR n41	30	30	DFT-16QAM	H	Inner_1RB_Left	24.55	24.31	27.44	30.46
NR n41	30	30	DFT-16QAM	H	Inner_1RB_Right	24.73	24.57	27.66	30.68
NR n41	30	30	DFT-16QAM	H	Outer_Full	23.75	23.83	26.80	29.82
NR n41	30	30	DFT-64QAM	H	Inner_1RB_Left	23.28	23.09	26.20	29.22
NR n41	30	30	DFT-64QAM	H	Inner_1RB_Right	23.45	23.38	26.43	29.45
NR n41	30	30	DFT-64QAM	H	Outer_Full	23.25	23.38	26.33	29.35
NR n41	30	30	DFT-256QAM	H	Inner_1RB_Left	20.02	20.01	23.03	26.05
NR n41	30	30	DFT-256QAM	H	Inner_1RB_Right	20.27	20.26	23.28	26.30
NR n41	30	30	DFT-256QAM	H	Outer_Full	20.21	20.38	23.31	26.33

Note:

1. The conducted output power was copied from the original module report.
2. EIRP (dBm) = Conducted Output Power (dBm) + Antenna Gain (dBi)



Band	SCS	Bandwidth	Modulation	Channel	RB Config	Conducted Output Power (dBm)		Total Power (dBm)	EIRP Power (dBm)
						Ant1	Ant2		
NR n41	30	40	DFT-QPSK	L	Inner_1RB_Left	25.79	24.88	28.37	31.39
NR n41	30	40	DFT-QPSK	L	Inner_1RB_Right	25.77	24.36	28.13	31.15
NR n41	30	40	DFT-QPSK	L	Outer_Full	24.15	23.23	26.72	29.74
NR n41	30	40	DFT-16QAM	L	Inner_1RB_Left	25.18	24.21	27.73	30.75
NR n41	30	40	DFT-16QAM	L	Inner_1RB_Right	25.31	23.79	27.63	30.65
NR n41	30	40	DFT-16QAM	L	Outer_Full	24.18	23.19	26.72	29.74
NR n41	30	40	DFT-64QAM	L	Inner_1RB_Left	24.03	23.85	26.95	29.97
NR n41	30	40	DFT-64QAM	L	Inner_1RB_Right	24.06	22.34	26.29	29.31
NR n41	30	40	DFT-64QAM	L	Outer_Full	23.59	22.73	26.19	29.21
NR n41	30	40	DFT-256QAM	L	Inner_1RB_Left	20.59	19.69	23.17	26.19
NR n41	30	40	DFT-256QAM	L	Inner_1RB_Right	20.65	19.3	23.04	26.06
NR n41	30	40	DFT-256QAM	L	Outer_Full	20.58	19.68	23.16	26.18
NR n41	30	40	DFT-QPSK	M	Inner_1RB_Left	25.38	24.93	28.17	31.19
NR n41	30	40	DFT-QPSK	M	Inner_1RB_Right	25.53	25.17	28.36	31.38
NR n41	30	40	DFT-QPSK	M	Outer_Full	23.77	23.38	26.59	29.61
NR n41	30	40	DFT-16QAM	M	Inner_1RB_Left	24.92	24.22	27.59	30.61
NR n41	30	40	DFT-16QAM	M	Inner_1RB_Right	24.96	24.56	27.77	30.79
NR n41	30	40	DFT-16QAM	M	Outer_Full	23.79	23.38	26.60	29.62
NR n41	30	40	DFT-64QAM	M	Inner_1RB_Left	23.67	23.09	26.40	29.42
NR n41	30	40	DFT-64QAM	M	Inner_1RB_Right	23.71	23.39	26.56	29.58
NR n41	30	40	DFT-64QAM	M	Outer_Full	22.56	22.42	25.50	28.52
NR n41	30	40	DFT-256QAM	M	Inner_1RB_Left	20.35	19.83	23.11	26.13
NR n41	30	40	DFT-256QAM	M	Inner_1RB_Right	20.29	20.11	23.21	26.23
NR n41	30	40	DFT-256QAM	M	Outer_Full	20.22	19.86	23.05	26.07
NR n41	30	40	DFT-QPSK	H	Inner_1RB_Left	25.16	25.66	28.43	31.45
NR n41	30	40	DFT-QPSK	H	Inner_1RB_Right	25.53	25.5	28.53	31.55
NR n41	30	40	DFT-QPSK	H	Outer_Full	23.72	23.86	26.80	29.82
NR n41	30	40	DFT-16QAM	H	Inner_1RB_Left	24.66	24.85	27.77	30.79
NR n41	30	40	DFT-16QAM	H	Inner_1RB_Right	25.01	24.72	27.88	30.90
NR n41	30	40	DFT-16QAM	H	Outer_Full	23.74	23.91	26.84	29.86
NR n41	30	40	DFT-64QAM	H	Inner_1RB_Left	23.41	23.15	26.29	29.31
NR n41	30	40	DFT-64QAM	H	Inner_1RB_Right	23.32	23.24	26.29	29.31
NR n41	30	40	DFT-64QAM	H	Outer_Full	22.58	22.46	25.53	28.55
NR n41	30	40	DFT-256QAM	H	Inner_1RB_Left	20.1	20.5	23.31	26.33
NR n41	30	40	DFT-256QAM	H	Inner_1RB_Right	20.52	20.4	23.47	26.49
NR n41	30	40	DFT-256QAM	H	Outer_Full	20.15	20.38	23.28	26.30

Note:

1. The conducted output power was copied from the original module report.
2. EIRP (dBm) = Conducted Output Power (dBm) + Antenna Gain (dBi)



Band	SCS	Bandwidth	Modulation	Channel	RB Config	Conducted Output Power (dBm)		Total Power (dBm)	EIRP Power (dBm)
						Ant1	Ant2		
NR n41	30	50	DFT-QPSK	L	Inner_1RB_Left	25.62	24.74	28.21	31.23
NR n41	30	50	DFT-QPSK	L	Inner_1RB_Right	25.53	24.84	28.21	31.23
NR n41	30	50	DFT-QPSK	L	Outer_Full	24.19	23.13	26.70	29.72
NR n41	30	50	DFT-16QAM	L	Inner_1RB_Left	25.06	24.03	27.59	30.61
NR n41	30	50	DFT-16QAM	L	Inner_1RB_Right	25.07	24.33	27.73	30.75
NR n41	30	50	DFT-16QAM	L	Outer_Full	24.19	23.12	26.70	29.72
NR n41	30	50	DFT-64QAM	L	Inner_1RB_Left	23.82	22.3	26.14	29.16
NR n41	30	50	DFT-64QAM	L	Inner_1RB_Right	23.8	22.84	26.36	29.38
NR n41	30	50	DFT-64QAM	L	Outer_Full	23.68	22.62	26.19	29.21
NR n41	30	50	DFT-256QAM	L	Inner_1RB_Left	20.49	19.63	23.09	26.11
NR n41	30	50	DFT-256QAM	L	Inner_1RB_Right	20.39	19.77	23.10	26.12
NR n41	30	50	DFT-256QAM	L	Outer_Full	20.57	19.57	23.11	26.13
NR n41	30	50	DFT-QPSK	M	Inner_1RB_Left	25.29	24.49	27.92	30.94
NR n41	30	50	DFT-QPSK	M	Inner_1RB_Right	25.38	25.32	28.36	31.38
NR n41	30	50	DFT-QPSK	M	Outer_Full	23.77	23.45	26.62	29.64
NR n41	30	50	DFT-16QAM	M	Inner_1RB_Left	24.77	23.83	27.34	30.36
NR n41	30	50	DFT-16QAM	M	Inner_1RB_Right	25.03	24.68	27.87	30.89
NR n41	30	50	DFT-16QAM	M	Outer_Full	23.76	23.47	26.63	29.65
NR n41	30	50	DFT-64QAM	M	Inner_1RB_Left	23.62	22.61	26.15	29.17
NR n41	30	50	DFT-64QAM	M	Inner_1RB_Right	23.25	23.32	26.30	29.32
NR n41	30	50	DFT-64QAM	M	Outer_Full	22.96	22.74	25.86	28.88
NR n41	30	50	DFT-256QAM	M	Inner_1RB_Left	20.17	20.65	23.43	26.45
NR n41	30	50	DFT-256QAM	M	Inner_1RB_Right	20.3	20.35	23.34	26.36
NR n41	30	50	DFT-256QAM	M	Outer_Full	20.12	20.32	23.23	26.25
NR n41	30	50	DFT-QPSK	H	Inner_1RB_Left	25.03	25.31	28.18	31.20
NR n41	30	50	DFT-QPSK	H	Inner_1RB_Right	25.33	25.39	28.37	31.39
NR n41	30	50	DFT-QPSK	H	Outer_Full	23.75	23.83	26.80	29.82
NR n41	30	50	DFT-16QAM	H	Inner_1RB_Left	24.5	24.65	27.59	30.61
NR n41	30	50	DFT-16QAM	H	Inner_1RB_Right	24.93	24.66	27.81	30.83
NR n41	30	50	DFT-16QAM	H	Outer_Full	23.74	23.85	26.81	29.83
NR n41	30	50	DFT-64QAM	H	Inner_1RB_Left	23.33	23.39	26.37	29.39
NR n41	30	50	DFT-64QAM	H	Inner_1RB_Right	23.57	23.5	26.55	29.57
NR n41	30	50	DFT-64QAM	H	Outer_Full	23.25	23.41	26.34	29.36
NR n41	30	50	DFT-256QAM	H	Inner_1RB_Left	20.02	20.25	23.15	26.17
NR n41	30	50	DFT-256QAM	H	Inner_1RB_Right	20.4	20.28	23.35	26.37
NR n41	30	50	DFT-256QAM	H	Outer_Full	20.18	20.41	23.31	26.33

Note:

1. The conducted output power was copied from the original module report.
2. EIRP (dBm) = Conducted Output Power (dBm) + Antenna Gain (dBi)



Band	SCS	Bandwidth	Modulation	Channel	RB Config	Conducted Output Power (dBm)		Total Power (dBm)	EIRP Power (dBm)
						Ant1	Ant2		
NR n41	30	60	DFT-QPSK	L	Inner_1RB_Left	25.45	24.74	28.12	31.14
NR n41	30	60	DFT-QPSK	L	Inner_1RB_Right	25.36	24.49	27.96	30.98
NR n41	30	60	DFT-QPSK	L	Outer_Full	24.09	23.04	26.61	29.63
NR n41	30	60	DFT-16QAM	L	Inner_1RB_Left	24.74	24.08	27.43	30.45
NR n41	30	60	DFT-16QAM	L	Inner_1RB_Right	24.83	24.01	27.45	30.47
NR n41	30	60	DFT-16QAM	L	Outer_Full	23.99	23.03	26.55	29.57
NR n41	30	60	DFT-64QAM	L	Inner_1RB_Left	23.63	23.25	26.45	29.47
NR n41	30	60	DFT-64QAM	L	Inner_1RB_Right	23.69	22.48	26.14	29.16
NR n41	30	60	DFT-64QAM	L	Outer_Full	23.57	22.56	26.10	29.12
NR n41	30	60	DFT-256QAM	L	Inner_1RB_Left	20.3	19.55	22.95	25.97
NR n41	30	60	DFT-256QAM	L	Inner_1RB_Right	19.75	19.23	22.51	25.53
NR n41	30	60	DFT-256QAM	L	Outer_Full	20.51	19.51	23.05	26.07
NR n41	30	60	DFT-QPSK	M	Inner_1RB_Left	25.22	24.07	27.69	30.71
NR n41	30	60	DFT-QPSK	M	Inner_1RB_Right	25.3	25.53	28.43	31.45
NR n41	30	60	DFT-QPSK	M	Outer_Full	23.8	23.38	26.61	29.63
NR n41	30	60	DFT-16QAM	M	Inner_1RB_Left	24.73	23.49	27.16	30.18
NR n41	30	60	DFT-16QAM	M	Inner_1RB_Right	24.97	24.99	27.99	31.01
NR n41	30	60	DFT-16QAM	M	Outer_Full	23.78	23.4	26.60	29.62
NR n41	30	60	DFT-64QAM	M	Inner_1RB_Left	23.56	23.45	26.52	29.54
NR n41	30	60	DFT-64QAM	M	Inner_1RB_Right	23.53	23.67	26.61	29.63
NR n41	30	60	DFT-64QAM	M	Outer_Full	23.24	22.92	26.09	29.11
NR n41	30	60	DFT-256QAM	M	Inner_1RB_Left	20.32	20.85	23.60	26.62
NR n41	30	60	DFT-256QAM	M	Inner_1RB_Right	20.26	20.55	23.42	26.44
NR n41	30	60	DFT-256QAM	M	Outer_Full	20.25	19.88	23.08	26.10
NR n41	30	60	DFT-QPSK	H	Inner_1RB_Left	25	25.27	28.15	31.17
NR n41	30	60	DFT-QPSK	H	Inner_1RB_Right	25.41	25.26	28.35	31.37
NR n41	30	60	DFT-QPSK	H	Outer_Full	23.76	23.79	26.79	29.81
NR n41	30	60	DFT-16QAM	H	Inner_1RB_Left	24.48	24.53	27.52	30.54
NR n41	30	60	DFT-16QAM	H	Inner_1RB_Right	24.83	24.57	27.71	30.73
NR n41	30	60	DFT-16QAM	H	Outer_Full	23.72	23.78	26.76	29.78
NR n41	30	60	DFT-64QAM	H	Inner_1RB_Left	23.22	21.82	25.59	28.61
NR n41	30	60	DFT-64QAM	H	Inner_1RB_Right	23.71	23.4	26.57	29.59
NR n41	30	60	DFT-64QAM	H	Outer_Full	23.2	23.34	26.28	29.30
NR n41	30	60	DFT-256QAM	H	Inner_1RB_Left	19.92	20.21	23.08	26.10
NR n41	30	60	DFT-256QAM	H	Inner_1RB_Right	20.36	20.25	23.32	26.34
NR n41	30	60	DFT-256QAM	H	Outer_Full	20.18	20.32	23.26	26.28

Note:

1. The conducted output power was copied from the original module report.
2. EIRP (dBm) = Conducted Output Power (dBm) + Antenna Gain (dBi)



Band	SCS	Bandwidth	Modulation	Channel	RB Config	Conducted Output Power (dBm)		Total Power (dBm)	EIRP Power (dBm)
						Ant1	Ant2		
NR n41	30	70	DFT-QPSK	L	Inner_1RB_Left	25.43	24.68	28.08	31.10
NR n41	30	70	DFT-QPSK	L	Inner_1RB_Right	25.39	24.25	27.87	30.89
NR n41	30	70	DFT-QPSK	L	Outer_Full	24.04	23.01	26.57	29.59
NR n41	30	70	DFT-16QAM	L	Inner_1RB_Left	24.88	24.05	27.50	30.52
NR n41	30	70	DFT-16QAM	L	Inner_1RB_Right	24.86	23.46	27.23	30.25
NR n41	30	70	DFT-16QAM	L	Outer_Full	24.09	23.04	26.61	29.63
NR n41	30	70	DFT-64QAM	L	Inner_1RB_Left	23.62	23.32	26.48	29.50
NR n41	30	70	DFT-64QAM	L	Inner_1RB_Right	23.59	22.32	26.01	29.03
NR n41	30	70	DFT-64QAM	L	Outer_Full	23.47	22.54	26.04	29.06
NR n41	30	70	DFT-256QAM	L	Inner_1RB_Left	20.28	19.52	22.93	25.95
NR n41	30	70	DFT-256QAM	L	Inner_1RB_Right	20.21	20.33	23.28	26.30
NR n41	30	70	DFT-256QAM	L	Outer_Full	20.49	19.45	23.01	26.03
NR n41	30	70	DFT-QPSK	M	Inner_1RB_Left	25.06	25.32	28.20	31.22
NR n41	30	70	DFT-QPSK	M	Inner_1RB_Right	25.19	25.72	28.47	31.49
NR n41	30	70	DFT-QPSK	M	Outer_Full	24.79	24.38	27.60	30.62
NR n41	30	70	DFT-16QAM	M	Inner_1RB_Left	24.68	24.42	27.56	30.58
NR n41	30	70	DFT-16QAM	M	Inner_1RB_Right	24.83	25.11	27.98	31.00
NR n41	30	70	DFT-16QAM	M	Outer_Full	23.81	23.34	26.59	29.61
NR n41	30	70	DFT-64QAM	M	Inner_1RB_Left	23.66	20.4	25.34	28.36
NR n41	30	70	DFT-64QAM	M	Inner_1RB_Right	23.53	23.91	26.73	29.75
NR n41	30	70	DFT-64QAM	M	Outer_Full	23.23	22.9	26.08	29.10
NR n41	30	70	DFT-256QAM	M	Inner_1RB_Left	20.09	19.85	22.98	26.00
NR n41	30	70	DFT-256QAM	M	Inner_1RB_Right	20.26	20.64	23.46	26.48
NR n41	30	70	DFT-256QAM	M	Outer_Full	20.19	19.86	23.04	26.06
NR n41	30	70	DFT-QPSK	H	Inner_1RB_Left	25.03	25.17	28.11	31.13
NR n41	30	70	DFT-QPSK	H	Inner_1RB_Right	25.37	25.29	28.34	31.36
NR n41	30	70	DFT-QPSK	H	Outer_Full	23.81	23.9	26.87	29.89
NR n41	30	70	DFT-16QAM	H	Inner_1RB_Left	24.51	24.52	27.53	30.55
NR n41	30	70	DFT-16QAM	H	Inner_1RB_Right	24.92	24.6	27.77	30.79
NR n41	30	70	DFT-16QAM	H	Outer_Full	23.79	23.86	26.84	29.86
NR n41	30	70	DFT-64QAM	H	Inner_1RB_Left	23.56	23.74	26.66	29.68
NR n41	30	70	DFT-64QAM	H	Inner_1RB_Right	23.77	23.36	26.58	29.60
NR n41	30	70	DFT-64QAM	H	Outer_Full	23.28	23.41	26.36	29.38
NR n41	30	70	DFT-256QAM	H	Inner_1RB_Left	19.93	20.13	23.04	26.06
NR n41	30	70	DFT-256QAM	H	Inner_1RB_Right	20.37	20.24	23.32	26.34
NR n41	30	70	DFT-256QAM	H	Outer_Full	20.23	20.34	23.30	26.32

Note:

1. The conducted output power was copied from the original module report.
2. EIRP (dBm) = Conducted Output Power (dBm) + Antenna Gain (dBi)



Band	SCS	Bandwidth	Modulation	Channel	RB Config	Conducted Output Power (dBm)		Total Power (dBm)	EIRP Power (dBm)
						Ant1	Ant2		
NR n41	30	80	DFT-QPSK	L	Inner_1RB_Left	25.29	24.56	27.95	30.97
NR n41	30	80	DFT-QPSK	L	Inner_1RB_Right	25.34	24.91	28.14	31.16
NR n41	30	80	DFT-QPSK	L	Outer_Full	24	23.01	26.54	29.56
NR n41	30	80	DFT-16QAM	L	Inner_1RB_Left	24.8	23.96	27.41	30.43
NR n41	30	80	DFT-16QAM	L	Inner_1RB_Right	24.85	24.19	27.54	30.56
NR n41	30	80	DFT-16QAM	L	Outer_Full	24.01	23	26.54	29.56
NR n41	30	80	DFT-64QAM	L	Inner_1RB_Left	23.54	22.67	26.14	29.16
NR n41	30	80	DFT-64QAM	L	Inner_1RB_Right	23.47	23.07	26.28	29.30
NR n41	30	80	DFT-64QAM	L	Outer_Full	23.41	22.54	26.01	29.03
NR n41	30	80	DFT-256QAM	L	Inner_1RB_Left	20.24	19.46	22.88	25.90
NR n41	30	80	DFT-256QAM	L	Inner_1RB_Right	20.19	19.77	23.00	26.02
NR n41	30	80	DFT-256QAM	L	Outer_Full	20.36	19.46	22.94	25.96
NR n41	30	80	DFT-QPSK	M	Inner_1RB_Left	25.06	24.27	27.69	30.71
NR n41	30	80	DFT-QPSK	M	Inner_1RB_Right	25.2	25.65	28.44	31.46
NR n41	30	80	DFT-QPSK	M	Outer_Full	23.81	23.42	26.63	29.65
NR n41	30	80	DFT-16QAM	M	Inner_1RB_Left	24.53	23.67	27.13	30.15
NR n41	30	80	DFT-16QAM	M	Inner_1RB_Right	24.71	24.96	27.85	30.87
NR n41	30	80	DFT-16QAM	M	Outer_Full	23.78	23.44	26.62	29.64
NR n41	30	80	DFT-64QAM	M	Inner_1RB_Left	23.18	22.45	25.84	28.86
NR n41	30	80	DFT-64QAM	M	Inner_1RB_Right	23.49	19.88	25.06	28.08
NR n41	30	80	DFT-64QAM	M	Outer_Full	23.32	23.21	26.28	29.30
NR n41	30	80	DFT-256QAM	M	Inner_1RB_Left	20.45	20.25	23.36	26.38
NR n41	30	80	DFT-256QAM	M	Inner_1RB_Right	20.22	20.67	23.46	26.48
NR n41	30	80	DFT-256QAM	M	Outer_Full	20.25	19.88	23.08	26.10
NR n41	30	80	DFT-QPSK	H	Inner_1RB_Left	24.83	24.65	27.75	30.77
NR n41	30	80	DFT-QPSK	H	Inner_1RB_Right	25.29	25.31	28.31	31.33
NR n41	30	80	DFT-QPSK	H	Outer_Full	23.77	23.89	26.84	29.86
NR n41	30	80	DFT-16QAM	H	Inner_1RB_Left	24.3	23.98	27.15	30.17
NR n41	30	80	DFT-16QAM	H	Inner_1RB_Right	24.45	24.68	27.58	30.60
NR n41	30	80	DFT-16QAM	H	Outer_Full	23.79	23.84	26.83	29.85
NR n41	30	80	DFT-64QAM	H	Inner_1RB_Left	23.17	22.77	25.98	29.00
NR n41	30	80	DFT-64QAM	H	Inner_1RB_Right	19.41	23.42	24.87	27.89
NR n41	30	80	DFT-64QAM	H	Outer_Full	23.28	23.32	26.31	29.33
NR n41	30	80	DFT-256QAM	H	Inner_1RB_Left	20.32	19.53	22.95	25.97
NR n41	30	80	DFT-256QAM	H	Inner_1RB_Right	20.33	20.36	23.36	26.38
NR n41	30	80	DFT-256QAM	H	Outer_Full	20.24	20.26	23.26	26.28

Note:

1. The conducted output power was copied from the original module report.
2. EIRP (dBm) = Conducted Output Power (dBm) + Antenna Gain (dBi)





Band	SCS	Bandwidth	Modulation	Channel	RB Config	Conducted Output Power (dBm)		Total Power (dBm)	EIRP Power (dBm)
						Ant1	Ant2		
NR n41	30	90	DFT-QPSK	L	Inner_1RB_Left	25.3	24.62	27.98	31.00
NR n41	30	90	DFT-QPSK	L	Inner_1RB_Right	25.35	24.8	28.09	31.11
NR n41	30	90	DFT-QPSK	L	Outer_Full	23.97	23.01	26.53	29.55
NR n41	30	90	DFT-16QAM	L	Inner_1RB_Left	24.8	24.04	27.45	30.47
NR n41	30	90	DFT-16QAM	L	Inner_1RB_Right	24.97	24.1	27.57	30.59
NR n41	30	90	DFT-16QAM	L	Outer_Full	23.96	23.01	26.52	29.54
NR n41	30	90	DFT-64QAM	L	Inner_1RB_Left	23.51	22.66	26.12	29.14
NR n41	30	90	DFT-64QAM	L	Inner_1RB_Right	23.49	23	26.26	29.28
NR n41	30	90	DFT-64QAM	L	Outer_Full	23.39	22.54	26.00	29.02
NR n41	30	90	DFT-256QAM	L	Inner_1RB_Left	20.19	20.48	23.35	26.37
NR n41	30	90	DFT-256QAM	L	Inner_1RB_Right	20.17	20.52	23.36	26.38
NR n41	30	90	DFT-256QAM	L	Outer_Full	20.31	20.45	23.39	26.41
NR n41	30	90	DFT-QPSK	M	Inner_1RB_Left	25.01	24.59	27.82	30.84
NR n41	30	90	DFT-QPSK	M	Inner_1RB_Right	25.2	25.54	28.38	31.40
NR n41	30	90	DFT-QPSK	M	Outer_Full	23.81	23.47	26.65	29.67
NR n41	30	90	DFT-16QAM	M	Inner_1RB_Left	24.36	24.1	27.24	30.26
NR n41	30	90	DFT-16QAM	M	Inner_1RB_Right	24.54	24.87	27.72	30.74
NR n41	30	90	DFT-16QAM	M	Outer_Full	23.85	23.46	26.67	29.69
NR n41	30	90	DFT-64QAM	M	Inner_1RB_Left	23.28	22.63	25.98	29.00
NR n41	30	90	DFT-64QAM	M	Inner_1RB_Right	23.81	23.67	26.75	29.77
NR n41	30	90	DFT-64QAM	M	Outer_Full	23.24	23.32	26.29	29.31
NR n41	30	90	DFT-256QAM	M	Inner_1RB_Left	19.83	19.28	22.57	25.59
NR n41	30	90	DFT-256QAM	M	Inner_1RB_Right	20.18	20.48	23.34	26.36
NR n41	30	90	DFT-256QAM	M	Outer_Full	19.36	19.42	22.40	25.42
NR n41	30	90	DFT-QPSK	H	Inner_1RB_Left	24.85	24.75	27.81	30.83
NR n41	30	90	DFT-QPSK	H	Inner_1RB_Right	25.39	25.42	28.42	31.44
NR n41	30	90	DFT-QPSK	H	Outer_Full	23.75	23.78	26.78	29.80
NR n41	30	90	DFT-16QAM	H	Inner_1RB_Left	24.38	24.2	27.30	30.32
NR n41	30	90	DFT-16QAM	H	Inner_1RB_Right	24.89	24.63	27.77	30.79
NR n41	30	90	DFT-16QAM	H	Outer_Full	23.72	23.79	26.77	29.79
NR n41	30	90	DFT-64QAM	H	Inner_1RB_Left	23.04	22.99	26.03	29.05
NR n41	30	90	DFT-64QAM	H	Inner_1RB_Right	23.71	23.47	26.60	29.62
NR n41	30	90	DFT-64QAM	H	Outer_Full	23.12	23.25	26.20	29.22
NR n41	30	90	DFT-256QAM	H	Inner_1RB_Left	19.95	19.77	22.87	25.89
NR n41	30	90	DFT-256QAM	H	Inner_1RB_Right	20.38	20.29	23.35	26.37
NR n41	30	90	DFT-256QAM	H	Outer_Full	20.17	20.21	23.20	26.22

Note:

1. The conducted output power was copied from the original module report.
2. EIRP (dBm) = Conducted Output Power (dBm) + Antenna Gain (dBi)



Band	SCS	Bandwidth	Modulation	Channel	RB Config	Conducted Output Power (dBm)		Total Power (dBm)	EIRP Power (dBm)
						Ant1	Ant2		
NR n41	30	100	DFT-QPSK	L	Inner_1RB_Left	25.21	24.56	27.91	30.93
NR n41	30	100	DFT-QPSK	L	Inner_1RB_Right	25.22	24.96	28.10	31.12
NR n41	30	100	DFT-QPSK	L	Outer_Full	23.93	22.95	26.48	29.50
NR n41	30	100	DFT-16QAM	L	Inner_1RB_Left	24.74	24.06	27.42	30.44
NR n41	30	100	DFT-16QAM	L	Inner_1RB_Right	24.96	24.36	27.68	30.70
NR n41	30	100	DFT-16QAM	L	Outer_Full	23.94	22.99	26.50	29.52
NR n41	30	100	DFT-64QAM	L	Inner_1RB_Left	23.76	22.64	26.25	29.27
NR n41	30	100	DFT-64QAM	L	Inner_1RB_Right	23.29	22.99	26.15	29.17
NR n41	30	100	DFT-64QAM	L	Outer_Full	23.48	22.52	26.04	29.06
NR n41	30	100	DFT-256QAM	L	Inner_1RB_Left	20.48	19.45	23.01	26.03
NR n41	30	100	DFT-256QAM	L	Inner_1RB_Right	20.12	19.84	22.99	26.01
NR n41	30	100	DFT-256QAM	L	Outer_Full	20.41	19.47	22.98	26.00
NR n41	30	100	DFT-QPSK	M	Inner_1RB_Left	25.03	24.47	27.77	30.79
NR n41	30	100	DFT-QPSK	M	Inner_1RB_Right	25.18	25.62	28.42	31.44
NR n41	30	100	DFT-QPSK	M	Outer_Full	23.81	23.53	26.68	29.70
NR n41	30	100	DFT-16QAM	M	Inner_1RB_Left	24.12	24.32	27.23	30.25
NR n41	30	100	DFT-16QAM	M	Inner_1RB_Right	24.84	24.98	27.92	30.94
NR n41	30	100	DFT-16QAM	M	Outer_Full	24.45	24.32	27.40	30.42
NR n41	30	100	DFT-64QAM	M	Inner_1RB_Left	23.38	22.58	26.01	29.03
NR n41	30	100	DFT-64QAM	M	Inner_1RB_Right	23.53	23.7	26.63	29.65
NR n41	30	100	DFT-64QAM	M	Outer_Full	22.65	22.42	25.55	28.57
NR n41	30	100	DFT-256QAM	M	Inner_1RB_Left	20.3	20.22	23.27	26.29
NR n41	30	100	DFT-256QAM	M	Inner_1RB_Right	20.32	20.25	23.30	26.32
NR n41	30	100	DFT-256QAM	M	Outer_Full	20.12	20.24	23.19	26.21
NR n41	30	100	DFT-QPSK	H	Inner_1RB_Left	24.93	24.32	27.65	30.67
NR n41	30	100	DFT-QPSK	H	Inner_1RB_Right	25.4	25.33	28.38	31.40
NR n41	30	100	DFT-QPSK	H	Outer_Full	23.76	23.72	26.75	29.77
NR n41	30	100	DFT-16QAM	H	Inner_1RB_Left	24.62	23.69	27.19	30.21
NR n41	30	100	DFT-16QAM	H	Inner_1RB_Right	24.87	24.56	27.73	30.75
NR n41	30	100	DFT-16QAM	H	Outer_Full	23.78	23.71	26.76	29.78
NR n41	30	100	DFT-64QAM	H	Inner_1RB_Left	23.22	22.51	25.89	28.91
NR n41	30	100	DFT-64QAM	H	Inner_1RB_Right	23.57	23.46	26.53	29.55
NR n41	30	100	DFT-64QAM	H	Outer_Full	23.32	23.26	26.30	29.32
NR n41	30	100	DFT-256QAM	H	Inner_1RB_Left	20.18	19.36	22.80	25.82
NR n41	30	100	DFT-256QAM	H	Inner_1RB_Right	20.68	20.32	23.51	26.53
NR n41	30	100	DFT-256QAM	H	Outer_Full	20.25	20.25	23.26	26.28

Note:

1. The conducted output power was copied from the original module report.
2. EIRP (dBm) = Conducted Output Power (dBm) + Antenna Gain (dBi)

**7.1.5 NR n66 SCS 15 kHz**

Band	SCS	Bandwidth	Modulation	Channel	RB Configuration	Conducted Output Power (dBm)	EIRP Power (dBm)
NR n66	15	5	DFT-QPSK	L	Inner_1RB_Left	24.12	29.25
NR n66	15	5	DFT-QPSK	L	Inner_1RB_Right	24.15	29.28
NR n66	15	5	DFT-QPSK	L	Outer_Full	23.31	28.44
NR n66	15	5	DFT-16QAM	L	Inner_1RB_Left	23.01	28.14
NR n66	15	5	DFT-16QAM	L	Inner_1RB_Right	23.08	28.21
NR n66	15	5	DFT-16QAM	L	Outer_Full	22.29	27.42
NR n66	15	5	DFT-64QAM	L	Inner_1RB_Left	21.19	26.32
NR n66	15	5	DFT-64QAM	L	Inner_1RB_Right	21.23	26.36
NR n66	15	5	DFT-64QAM	L	Outer_Full	21.83	26.96
NR n66	15	5	DFT-256QAM	L	Inner_1RB_Left	20.09	25.22
NR n66	15	5	DFT-256QAM	L	Inner_1RB_Right	20.1	25.23
NR n66	15	5	DFT-256QAM	L	Outer_Full	20.32	25.45
NR n66	15	5	DFT-QPSK	M	Inner_1RB_Left	24.16	29.29
NR n66	15	5	DFT-QPSK	M	Inner_1RB_Right	24.15	29.28
NR n66	15	5	DFT-QPSK	M	Outer_Full	23.41	28.54
NR n66	15	5	DFT-16QAM	M	Inner_1RB_Left	23.16	28.29
NR n66	15	5	DFT-16QAM	M	Inner_1RB_Right	23.19	28.32
NR n66	15	5	DFT-16QAM	M	Outer_Full	22.41	27.54
NR n66	15	5	DFT-64QAM	M	Inner_1RB_Left	21.34	26.47
NR n66	15	5	DFT-64QAM	M	Inner_1RB_Right	21.36	26.49
NR n66	15	5	DFT-64QAM	M	Outer_Full	21.9	27.03
NR n66	15	5	DFT-256QAM	M	Inner_1RB_Left	20.26	25.39
NR n66	15	5	DFT-256QAM	M	Inner_1RB_Right	20.24	25.37
NR n66	15	5	DFT-256QAM	M	Outer_Full	19.85	24.98
NR n66	15	5	DFT-QPSK	H	Inner_1RB_Left	23.97	29.1
NR n66	15	5	DFT-QPSK	H	Inner_1RB_Right	24.03	29.16
NR n66	15	5	DFT-QPSK	H	Outer_Full	23.13	28.26
NR n66	15	5	DFT-16QAM	H	Inner_1RB_Left	22.93	28.06
NR n66	15	5	DFT-16QAM	H	Inner_1RB_Right	23	28.13
NR n66	15	5	DFT-16QAM	H	Outer_Full	22.16	27.29
NR n66	15	5	DFT-64QAM	H	Inner_1RB_Left	21.06	26.19
NR n66	15	5	DFT-64QAM	H	Inner_1RB_Right	21.13	26.26
NR n66	15	5	DFT-64QAM	H	Outer_Full	21.65	26.78
NR n66	15	5	DFT-256QAM	H	Inner_1RB_Left	19.96	25.09
NR n66	15	5	DFT-256QAM	H	Inner_1RB_Right	20.03	25.16
NR n66	15	5	DFT-256QAM	H	Outer_Full	19.58	24.71

**Note:**

1. The conducted output power was copied from the original module report.
2. EIRP (dBm) = Conducted Output Power (dBm) + Antenna Gain (dBi)

Band	SCS	Bandwidth	Modulation	Channel	RB Configuration	Conducted Output Power (dBm)	EIRP Power (dBm)
NR n66	15	10	DFT-QPSK	L	Inner_1RB_Left	24.14	29.27
NR n66	15	10	DFT-QPSK	L	Inner_1RB_Right	24.3	29.43
NR n66	15	10	DFT-QPSK	L	Outer_Full	23.3	28.43
NR n66	15	10	DFT-16QAM	L	Inner_1RB_Left	23.15	28.28
NR n66	15	10	DFT-16QAM	L	Inner_1RB_Right	23.27	28.4
NR n66	15	10	DFT-16QAM	L	Outer_Full	22.36	27.49
NR n66	15	10	DFT-64QAM	L	Inner_1RB_Left	21.27	26.4
NR n66	15	10	DFT-64QAM	L	Inner_1RB_Right	21.41	26.54
NR n66	15	10	DFT-64QAM	L	Outer_Full	21.85	26.98
NR n66	15	10	DFT-256QAM	L	Inner_1RB_Left	20.1	25.23
NR n66	15	10	DFT-256QAM	L	Inner_1RB_Right	20.2	25.33
NR n66	15	10	DFT-256QAM	L	Outer_Full	19.79	24.92
NR n66	15	10	DFT-QPSK	M	Inner_1RB_Left	24.16	29.29
NR n66	15	10	DFT-QPSK	M	Inner_1RB_Right	24.22	29.35
NR n66	15	10	DFT-QPSK	M	Outer_Full	23.35	28.48
NR n66	15	10	DFT-16QAM	M	Inner_1RB_Left	23.12	28.25
NR n66	15	10	DFT-16QAM	M	Inner_1RB_Right	23.18	28.31
NR n66	15	10	DFT-16QAM	M	Outer_Full	22.35	27.48
NR n66	15	10	DFT-64QAM	M	Inner_1RB_Left	21.26	26.39
NR n66	15	10	DFT-64QAM	M	Inner_1RB_Right	21.3	26.43
NR n66	15	10	DFT-64QAM	M	Outer_Full	21.94	27.07
NR n66	15	10	DFT-256QAM	M	Inner_1RB_Left	20.13	25.26
NR n66	15	10	DFT-256QAM	M	Inner_1RB_Right	20.02	25.15
NR n66	15	10	DFT-256QAM	M	Outer_Full	19.93	25.06
NR n66	15	10	DFT-QPSK	H	Inner_1RB_Left	24	29.13
NR n66	15	10	DFT-QPSK	H	Inner_1RB_Right	24.13	29.26
NR n66	15	10	DFT-QPSK	H	Outer_Full	23.14	28.27
NR n66	15	10	DFT-16QAM	H	Inner_1RB_Left	22.92	28.05
NR n66	15	10	DFT-16QAM	H	Inner_1RB_Right	23.07	28.2
NR n66	15	10	DFT-16QAM	H	Outer_Full	22.15	27.28
NR n66	15	10	DFT-64QAM	H	Inner_1RB_Left	21.05	26.18
NR n66	15	10	DFT-64QAM	H	Inner_1RB_Right	21.23	26.36
NR n66	15	10	DFT-64QAM	H	Outer_Full	21.72	26.85
NR n66	15	10	DFT-256QAM	H	Inner_1RB_Left	19.94	25.07
NR n66	15	10	DFT-256QAM	H	Inner_1RB_Right	19.1	24.23
NR n66	15	10	DFT-256QAM	H	Outer_Full	19.71	24.84

Note:

1. The conducted output power was copied from the original module report.
2. EIRP (dBm) = Conducted Output Power (dBm) + Antenna Gain (dBi)

Band	SCS	Bandwidth	Modulation	Channel	RB Configuration	Conducted Output Power (dBm)	EIRP Power (dBm)
NR n66	15	15	DFT-QPSK	L	Inner_1RB_Left	24.1	29.23
NR n66	15	15	DFT-QPSK	L	Inner_1RB_Right	24.29	29.42
NR n66	15	15	DFT-QPSK	L	Outer_Full	23.34	28.47
NR n66	15	15	DFT-16QAM	L	Inner_1RB_Left	22.97	28.1
NR n66	15	15	DFT-16QAM	L	Inner_1RB_Right	23.18	28.31
NR n66	15	15	DFT-16QAM	L	Outer_Full	22.36	27.49
NR n66	15	15	DFT-64QAM	L	Inner_1RB_Left	21.16	26.29
NR n66	15	15	DFT-64QAM	L	Inner_1RB_Right	21.39	26.52
NR n66	15	15	DFT-64QAM	L	Outer_Full	21.84	26.97
NR n66	15	15	DFT-256QAM	L	Inner_1RB_Left	20.05	25.18
NR n66	15	15	DFT-256QAM	L	Inner_1RB_Right	20.34	25.47
NR n66	15	15	DFT-256QAM	L	Outer_Full	19.84	24.97
NR n66	15	15	DFT-QPSK	M	Inner_1RB_Left	24.21	29.34
NR n66	15	15	DFT-QPSK	M	Inner_1RB_Right	24.24	29.37
NR n66	15	15	DFT-QPSK	M	Outer_Full	23.36	28.49
NR n66	15	15	DFT-16QAM	M	Inner_1RB_Left	23.15	28.28
NR n66	15	15	DFT-16QAM	M	Inner_1RB_Right	23.2	28.33
NR n66	15	15	DFT-16QAM	M	Outer_Full	22.37	27.5
NR n66	15	15	DFT-64QAM	M	Inner_1RB_Left	21.24	26.37
NR n66	15	15	DFT-64QAM	M	Inner_1RB_Right	21.39	26.52
NR n66	15	15	DFT-64QAM	M	Outer_Full	21.9	27.03
NR n66	15	15	DFT-256QAM	M	Inner_1RB_Left	20.14	25.27
NR n66	15	15	DFT-256QAM	M	Inner_1RB_Right	20.22	25.35
NR n66	15	15	DFT-256QAM	M	Outer_Full	19.85	24.98
NR n66	15	15	DFT-QPSK	H	Inner_1RB_Left	24.03	29.16
NR n66	15	15	DFT-QPSK	H	Inner_1RB_Right	24.22	29.35
NR n66	15	15	DFT-QPSK	H	Outer_Full	23.22	28.35
NR n66	15	15	DFT-16QAM	H	Inner_1RB_Left	23.03	28.16
NR n66	15	15	DFT-16QAM	H	Inner_1RB_Right	23.14	28.27
NR n66	15	15	DFT-16QAM	H	Outer_Full	22.17	27.3
NR n66	15	15	DFT-64QAM	H	Inner_1RB_Left	21.2	26.33
NR n66	15	15	DFT-64QAM	H	Inner_1RB_Right	19.73	24.86
NR n66	15	15	DFT-64QAM	H	Outer_Full	21.79	26.92
NR n66	15	15	DFT-256QAM	H	Inner_1RB_Left	20.04	25.17
NR n66	15	15	DFT-256QAM	H	Inner_1RB_Right	20.16	25.29
NR n66	15	15	DFT-256QAM	H	Outer_Full	19.7	24.83

Note:

1. The conducted output power was copied from the original module report.
2. EIRP (dBm) = Conducted Output Power (dBm) + Antenna Gain (dBi)

Band	SCS	Bandwidth	Modulation	Channel	RB Configuration	Conducted Output Power (dBm)	EIRP Power (dBm)
NR n66	15	20	DFT-QPSK	L	Inner_1RB_Left	24.18	29.31
NR n66	15	20	DFT-QPSK	L	Inner_1RB_Right	24.37	29.5
NR n66	15	20	DFT-QPSK	L	Outer_Full	23.37	28.5
NR n66	15	20	DFT-16QAM	L	Inner_1RB_Left	23.12	28.25
NR n66	15	20	DFT-16QAM	L	Inner_1RB_Right	23.31	28.44
NR n66	15	20	DFT-16QAM	L	Outer_Full	22.38	27.51
NR n66	15	20	DFT-64QAM	L	Inner_1RB_Left	21.25	26.38
NR n66	15	20	DFT-64QAM	L	Inner_1RB_Right	21.45	26.58
NR n66	15	20	DFT-64QAM	L	Outer_Full	21.93	27.06
NR n66	15	20	DFT-256QAM	L	Inner_1RB_Left	21.96	27.09
NR n66	15	20	DFT-256QAM	L	Inner_1RB_Right	20.39	25.52
NR n66	15	20	DFT-256QAM	L	Outer_Full	19.93	25.06
NR n66	15	20	DFT-QPSK	M	Inner_1RB_Left	24.21	29.34
NR n66	15	20	DFT-QPSK	M	Inner_1RB_Right	24.32	29.45
NR n66	15	20	DFT-QPSK	M	Outer_Full	23.46	28.59
NR n66	15	20	DFT-16QAM	M	Inner_1RB_Left	23.21	28.34
NR n66	15	20	DFT-16QAM	M	Inner_1RB_Right	23.34	28.47
NR n66	15	20	DFT-16QAM	M	Outer_Full	22.39	27.52
NR n66	15	20	DFT-64QAM	M	Inner_1RB_Left	21.25	26.38
NR n66	15	20	DFT-64QAM	M	Inner_1RB_Right	21.39	26.52
NR n66	15	20	DFT-64QAM	M	Outer_Full	21.97	27.1
NR n66	15	20	DFT-256QAM	M	Inner_1RB_Left	20.22	25.35
NR n66	15	20	DFT-256QAM	M	Inner_1RB_Right	20.31	25.44
NR n66	15	20	DFT-256QAM	M	Outer_Full	19.86	24.99
NR n66	15	20	DFT-QPSK	H	Inner_1RB_Left	24.12	29.25
NR n66	15	20	DFT-QPSK	H	Inner_1RB_Right	24.25	29.38
NR n66	15	20	DFT-QPSK	H	Outer_Full	23.22	28.35
NR n66	15	20	DFT-16QAM	H	Inner_1RB_Left	23.09	28.22
NR n66	15	20	DFT-16QAM	H	Inner_1RB_Right	23.18	28.31
NR n66	15	20	DFT-16QAM	H	Outer_Full	22.26	27.39
NR n66	15	20	DFT-64QAM	H	Inner_1RB_Left	21.22	26.35
NR n66	15	20	DFT-64QAM	H	Inner_1RB_Right	21.35	26.48
NR n66	15	20	DFT-64QAM	H	Outer_Full	21.72	26.85
NR n66	15	20	DFT-256QAM	H	Inner_1RB_Left	20.14	25.27
NR n66	15	20	DFT-256QAM	H	Inner_1RB_Right	20.24	25.37
NR n66	15	20	DFT-256QAM	H	Outer_Full	19.69	24.82

Note:

1. The conducted output power was copied from the original module report.
2. EIRP (dBm) = Conducted Output Power (dBm) + Antenna Gain (dBi)

Band	SCS	Bandwidth	Modulation	Channel	RB Configuration	Conducted Output Power (dBm)	EIRP Power (dBm)
NR n66	15	25	DFT-QPSK	L	Inner_1RB_Left	23.43	28.56
NR n66	15	25	DFT-QPSK	L	Inner_1RB_Right	23.66	28.79
NR n66	15	25	DFT-QPSK	L	Outer_Full	23.11	28.24
NR n66	15	25	DFT-16QAM	L	Inner_1RB_Left	22.32	27.45
NR n66	15	25	DFT-16QAM	L	Inner_1RB_Right	22.6	27.73
NR n66	15	25	DFT-16QAM	L	Outer_Full	22.14	27.27
NR n66	15	25	DFT-64QAM	L	Inner_1RB_Left	20.48	25.61
NR n66	15	25	DFT-64QAM	L	Inner_1RB_Right	20.71	25.84
NR n66	15	25	DFT-64QAM	L	Outer_Full	21.63	26.76
NR n66	15	25	DFT-256QAM	L	Inner_1RB_Left	19.43	24.56
NR n66	15	25	DFT-256QAM	L	Inner_1RB_Right	19.68	24.81
NR n66	15	25	DFT-256QAM	L	Outer_Full	19.62	24.75
NR n66	15	25	DFT-QPSK	M	Inner_1RB_Left	23.55	28.68
NR n66	15	25	DFT-QPSK	M	Inner_1RB_Right	23.59	28.72
NR n66	15	25	DFT-QPSK	M	Outer_Full	23.02	28.15
NR n66	15	25	DFT-16QAM	M	Inner_1RB_Left	22.43	27.56
NR n66	15	25	DFT-16QAM	M	Inner_1RB_Right	22.46	27.59
NR n66	15	25	DFT-16QAM	M	Outer_Full	22.07	27.2
NR n66	15	25	DFT-64QAM	M	Inner_1RB_Left	20.56	25.69
NR n66	15	25	DFT-64QAM	M	Inner_1RB_Right	20.62	25.75
NR n66	15	25	DFT-64QAM	M	Outer_Full	21.51	26.64
NR n66	15	25	DFT-256QAM	M	Inner_1RB_Left	19.47	24.6
NR n66	15	25	DFT-256QAM	M	Inner_1RB_Right	19.6	24.73
NR n66	15	25	DFT-256QAM	M	Outer_Full	19.49	24.62
NR n66	15	25	DFT-QPSK	H	Inner_1RB_Left	23.42	28.55
NR n66	15	25	DFT-QPSK	H	Inner_1RB_Right	23.51	28.64
NR n66	15	25	DFT-QPSK	H	Outer_Full	22.95	28.08
NR n66	15	25	DFT-16QAM	H	Inner_1RB_Left	22.65	27.78
NR n66	15	25	DFT-16QAM	H	Inner_1RB_Right	22.52	27.65
NR n66	15	25	DFT-16QAM	H	Outer_Full	22.12	27.25
NR n66	15	25	DFT-64QAM	H	Inner_1RB_Left	21.98	27.11
NR n66	15	25	DFT-64QAM	H	Inner_1RB_Right	21.85	26.98
NR n66	15	25	DFT-64QAM	H	Outer_Full	21.23	26.36
NR n66	15	25	DFT-256QAM	H	Inner_1RB_Left	19.35	24.48
NR n66	15	25	DFT-256QAM	H	Inner_1RB_Right	19.5	24.63
NR n66	15	25	DFT-256QAM	H	Outer_Full	19.85	24.98

Note:

1. The conducted output power was copied from the original module report.
2. EIRP (dBm) = Conducted Output Power (dBm) + Antenna Gain (dBi)

Band	SCS	Bandwidth	Modulation	Channel	RB Configuration	Conducted Output Power (dBm)	EIRP Power (dBm)
NR n66	15	30	DFT-QPSK	L	Inner_1RB_Left	24.06	29.19
NR n66	15	30	DFT-QPSK	L	Inner_1RB_Right	24.29	29.42
NR n66	15	30	DFT-QPSK	L	Outer_Full	23.38	28.51
NR n66	15	30	DFT-16QAM	L	Inner_1RB_Left	23.01	28.14
NR n66	15	30	DFT-16QAM	L	Inner_1RB_Right	23.26	28.39
NR n66	15	30	DFT-16QAM	L	Outer_Full	22.35	27.48
NR n66	15	30	DFT-64QAM	L	Inner_1RB_Left	21.14	26.27
NR n66	15	30	DFT-64QAM	L	Inner_1RB_Right	21.43	26.56
NR n66	15	30	DFT-64QAM	L	Outer_Full	21.94	27.07
NR n66	15	30	DFT-256QAM	L	Inner_1RB_Left	20.08	25.21
NR n66	15	30	DFT-256QAM	L	Inner_1RB_Right	20.34	25.47
NR n66	15	30	DFT-256QAM	L	Outer_Full	19.84	24.97
NR n66	15	30	DFT-QPSK	M	Inner_1RB_Left	24.32	29.45
NR n66	15	30	DFT-QPSK	M	Inner_1RB_Right	24.2	29.33
NR n66	15	30	DFT-QPSK	M	Outer_Full	23.26	28.39
NR n66	15	30	DFT-16QAM	M	Inner_1RB_Left	23.06	28.19
NR n66	15	30	DFT-16QAM	M	Inner_1RB_Right	23.19	28.32
NR n66	15	30	DFT-16QAM	M	Outer_Full	22.3	27.43
NR n66	15	30	DFT-64QAM	M	Inner_1RB_Left	21.22	26.35
NR n66	15	30	DFT-64QAM	M	Inner_1RB_Right	21.33	26.46
NR n66	15	30	DFT-64QAM	M	Outer_Full	21.02	26.15
NR n66	15	30	DFT-256QAM	M	Inner_1RB_Left	21.92	27.05
NR n66	15	30	DFT-256QAM	M	Inner_1RB_Right	20.25	25.38
NR n66	15	30	DFT-256QAM	M	Outer_Full	20.03	25.16
NR n66	15	30	DFT-QPSK	H	Inner_1RB_Left	24.08	29.21
NR n66	15	30	DFT-QPSK	H	Inner_1RB_Right	24.16	29.29
NR n66	15	30	DFT-QPSK	H	Outer_Full	23.58	28.71
NR n66	15	30	DFT-16QAM	H	Inner_1RB_Left	23.02	28.15
NR n66	15	30	DFT-16QAM	H	Inner_1RB_Right	23.21	28.34
NR n66	15	30	DFT-16QAM	H	Outer_Full	22.89	28.02
NR n66	15	30	DFT-64QAM	H	Inner_1RB_Left	22.78	27.91
NR n66	15	30	DFT-64QAM	H	Inner_1RB_Right	22.63	27.76
NR n66	15	30	DFT-64QAM	H	Outer_Full	22.02	27.15
NR n66	15	30	DFT-256QAM	H	Inner_1RB_Left	20.06	25.19
NR n66	15	30	DFT-256QAM	H	Inner_1RB_Right	20.18	25.31
NR n66	15	30	DFT-256QAM	H	Outer_Full	19.69	24.82

Note:

1. The conducted output power was copied from the original module report.
2. EIRP (dBm) = Conducted Output Power (dBm) + Antenna Gain (dBi)





Band	SCS	Bandwidth	Modulation	Channel	RB Configuration	Conducted Output Power (dBm)	EIRP Power (dBm)
NR n66	15	40	DFT-QPSK	L	Inner_1RB_Left	24.17	29.3
NR n66	15	40	DFT-QPSK	L	Inner_1RB_Right	24.38	29.51
NR n66	15	40	DFT-QPSK	L	Outer_Full	24.02	29.15
NR n66	15	40	DFT-16QAM	L	Inner_1RB_Left	23.56	28.69
NR n66	15	40	DFT-16QAM	L	Inner_1RB_Right	23.32	28.45
NR n66	15	40	DFT-16QAM	L	Outer_Full	23.21	28.34
NR n66	15	40	DFT-64QAM	L	Inner_1RB_Left	22.54	27.67
NR n66	15	40	DFT-64QAM	L	Inner_1RB_Right	22.63	27.76
NR n66	15	40	DFT-64QAM	L	Outer_Full	21.85	26.98
NR n66	15	40	DFT-256QAM	L	Inner_1RB_Left	20.16	25.29
NR n66	15	40	DFT-256QAM	L	Inner_1RB_Right	20.43	25.56
NR n66	15	40	DFT-256QAM	L	Outer_Full	19.85	24.98
NR n66	15	40	DFT-QPSK	M	Inner_1RB_Left	24.19	29.32
NR n66	15	40	DFT-QPSK	M	Inner_1RB_Right	24.3	29.43
NR n66	15	40	DFT-QPSK	M	Outer_Full	23.28	28.41
NR n66	15	40	DFT-16QAM	M	Inner_1RB_Left	23.15	28.28
NR n66	15	40	DFT-16QAM	M	Inner_1RB_Right	23.27	28.4
NR n66	15	40	DFT-16QAM	M	Outer_Full	22.31	27.44
NR n66	15	40	DFT-64QAM	M	Inner_1RB_Left	21.27	26.4
NR n66	15	40	DFT-64QAM	M	Inner_1RB_Right	21.44	26.57
NR n66	15	40	DFT-64QAM	M	Outer_Full	21.81	26.94
NR n66	15	40	DFT-256QAM	M	Inner_1RB_Left	20.24	25.37
NR n66	15	40	DFT-256QAM	M	Inner_1RB_Right	20.35	25.48
NR n66	15	40	DFT-256QAM	M	Outer_Full	19.76	24.89
NR n66	15	40	DFT-QPSK	H	Inner_1RB_Left	24.19	29.32
NR n66	15	40	DFT-QPSK	H	Inner_1RB_Right	24.31	29.44
NR n66	15	40	DFT-QPSK	H	Outer_Full	23.3	28.43
NR n66	15	40	DFT-16QAM	H	Inner_1RB_Left	23.17	28.3
NR n66	15	40	DFT-16QAM	H	Inner_1RB_Right	23.22	28.35
NR n66	15	40	DFT-16QAM	H	Outer_Full	22.35	27.48
NR n66	15	40	DFT-64QAM	H	Inner_1RB_Left	21.26	26.39
NR n66	15	40	DFT-64QAM	H	Inner_1RB_Right	21.32	26.45
NR n66	15	40	DFT-64QAM	H	Outer_Full	20.85	25.98
NR n66	15	40	DFT-256QAM	H	Inner_1RB_Left	20.36	25.49
NR n66	15	40	DFT-256QAM	H	Inner_1RB_Right	20.41	25.54
NR n66	15	40	DFT-256QAM	H	Outer_Full	20.32	25.45

Note:

1. The conducted output power was copied from the original module report.
2. EIRP (dBm) = Conducted Output Power (dBm) + Antenna Gain (dBi)

**7.1.6 NR n66 SCS 30 kHz**

Band	SCS	Bandwidth	Modulation	Channel	RB Configuration	Conducted Output Power (dBm)	EIRP Power (dBm)
NR n66	30	40	DFT-QPSK	L	Inner_1RB_Left	23.69	28.82
NR n66	30	40	DFT-QPSK	L	Inner_1RB_Right	23.89	29.02
NR n66	30	40	DFT-QPSK	L	Outer_Full	23.54	28.67
NR n66	30	40	DFT-16QAM	L	Inner_1RB_Left	23.09	28.22
NR n66	30	40	DFT-16QAM	L	Inner_1RB_Right	22.85	27.98
NR n66	30	40	DFT-16QAM	L	Outer_Full	22.75	27.88
NR n66	30	40	DFT-64QAM	L	Inner_1RB_Left	22.09	27.22
NR n66	30	40	DFT-64QAM	L	Inner_1RB_Right	22.18	27.31
NR n66	30	40	DFT-64QAM	L	Outer_Full	21.41	26.54
NR n66	30	40	DFT-256QAM	L	Inner_1RB_Left	19.76	24.89
NR n66	30	40	DFT-256QAM	L	Inner_1RB_Right	20.02	25.15
NR n66	30	40	DFT-256QAM	L	Outer_Full	19.45	24.58
NR n66	30	40	DFT-QPSK	M	Inner_1RB_Left	23.71	28.84
NR n66	30	40	DFT-QPSK	M	Inner_1RB_Right	23.81	28.94
NR n66	30	40	DFT-QPSK	M	Outer_Full	22.81	27.94
NR n66	30	40	DFT-16QAM	M	Inner_1RB_Left	22.69	27.82
NR n66	30	40	DFT-16QAM	M	Inner_1RB_Right	22.8	27.93
NR n66	30	40	DFT-16QAM	M	Outer_Full	21.86	26.99
NR n66	30	40	DFT-64QAM	M	Inner_1RB_Left	20.84	25.97
NR n66	30	40	DFT-64QAM	M	Inner_1RB_Right	21.01	26.14
NR n66	30	40	DFT-64QAM	M	Outer_Full	21.37	26.5
NR n66	30	40	DFT-256QAM	M	Inner_1RB_Left	19.84	24.97
NR n66	30	40	DFT-256QAM	M	Inner_1RB_Right	19.94	25.07
NR n66	30	40	DFT-256QAM	M	Outer_Full	19.36	24.49
NR n66	30	40	DFT-QPSK	H	Inner_1RB_Left	23.71	28.84
NR n66	30	40	DFT-QPSK	H	Inner_1RB_Right	23.82	28.95
NR n66	30	40	DFT-QPSK	H	Outer_Full	22.83	27.96
NR n66	30	40	DFT-16QAM	H	Inner_1RB_Left	22.71	27.84
NR n66	30	40	DFT-16QAM	H	Inner_1RB_Right	22.76	27.89
NR n66	30	40	DFT-16QAM	H	Outer_Full	21.9	27.03
NR n66	30	40	DFT-64QAM	H	Inner_1RB_Left	20.83	25.96
NR n66	30	40	DFT-64QAM	H	Inner_1RB_Right	20.89	26.02
NR n66	30	40	DFT-64QAM	H	Outer_Full	20.43	25.56
NR n66	30	40	DFT-256QAM	H	Inner_1RB_Left	19.95	25.08
NR n66	30	40	DFT-256QAM	H	Inner_1RB_Right	20	25.13
NR n66	30	40	DFT-256QAM	H	Outer_Full	19.91	25.04

**Note:**

1. The conducted output power was copied from the original module report.
2. EIRP (dBm) = Conducted Output Power (dBm) + Antenna Gain (dBi)

**7.1.7 NR n71 SCS 15 kHz**

Band	SCS	Bandwidth	Modulation	Channel	RB Configuration	Conducted Output Power (dBm)	ERP Power (dBm)
NR n71	15	5	DFT-QPSK	L	Inner_1RB_Left	24.5	25.52
NR n71	15	5	DFT-QPSK	L	Inner_1RB_Right	24.57	25.59
NR n71	15	5	DFT-QPSK	L	Outer_Full	23.62	24.64
NR n71	15	5	DFT-16QAM	L	Inner_1RB_Left	23.61	24.63
NR n71	15	5	DFT-16QAM	L	Inner_1RB_Right	23.68	24.7
NR n71	15	5	DFT-16QAM	L	Outer_Full	22.65	23.67
NR n71	15	5	DFT-64QAM	L	Inner_1RB_Left	22.02	23.04
NR n71	15	5	DFT-64QAM	L	Inner_1RB_Right	21.99	23.01
NR n71	15	5	DFT-64QAM	L	Outer_Full	22.14	23.16
NR n71	15	5	DFT-256QAM	L	Inner_1RB_Left	20.08	21.1
NR n71	15	5	DFT-256QAM	L	Inner_1RB_Right	20.1	21.12
NR n71	15	5	DFT-256QAM	L	Outer_Full	20.19	21.21
NR n71	15	5	DFT-QPSK	M	Inner_1RB_Left	24.51	25.53
NR n71	15	5	DFT-QPSK	M	Inner_1RB_Right	24.55	25.57
NR n71	15	5	DFT-QPSK	M	Outer_Full	23.61	24.63
NR n71	15	5	DFT-16QAM	M	Inner_1RB_Left	23.64	24.66
NR n71	15	5	DFT-16QAM	M	Inner_1RB_Right	23.55	24.57
NR n71	15	5	DFT-16QAM	M	Outer_Full	22.63	23.65
NR n71	15	5	DFT-64QAM	M	Inner_1RB_Left	22.63	23.65
NR n71	15	5	DFT-64QAM	M	Inner_1RB_Right	22.54	23.56
NR n71	15	5	DFT-64QAM	M	Outer_Full	22.32	23.34
NR n71	15	5	DFT-256QAM	M	Inner_1RB_Left	20.05	21.07
NR n71	15	5	DFT-256QAM	M	Inner_1RB_Right	20.07	21.09
NR n71	15	5	DFT-256QAM	M	Outer_Full	20.12	21.14
NR n71	15	5	DFT-QPSK	H	Inner_1RB_Left	24.49	25.51
NR n71	15	5	DFT-QPSK	H	Inner_1RB_Right	24.54	25.56
NR n71	15	5	DFT-QPSK	H	Outer_Full	23.61	24.63
NR n71	15	5	DFT-16QAM	H	Inner_1RB_Left	23.63	24.65
NR n71	15	5	DFT-16QAM	H	Inner_1RB_Right	23.63	24.65
NR n71	15	5	DFT-16QAM	H	Outer_Full	22.69	23.71
NR n71	15	5	DFT-64QAM	H	Inner_1RB_Left	21.94	22.96
NR n71	15	5	DFT-64QAM	H	Inner_1RB_Right	21.98	23
NR n71	15	5	DFT-64QAM	H	Outer_Full	22.16	23.18
NR n71	15	5	DFT-256QAM	H	Inner_1RB_Left	20.01	21.03
NR n71	15	5	DFT-256QAM	H	Inner_1RB_Right	20.04	21.06
NR n71	15	5	DFT-256QAM	H	Outer_Full	20.23	21.25

**Note:**

1. The conducted output power was copied from the original module report.
2. ERP (dBm) = Conducted Output Power (dBm) + Antenna Gain (dBi) - 2.15

Band	SCS	Bandwidth	Modulation	Channel	RB Configuration	Conducted Output Power (dBm)	ERP Power (dBm)
NR n71	15	10	DFT-QPSK	L	Inner_1RB_Left	24.51	25.53
NR n71	15	10	DFT-QPSK	L	Inner_1RB_Right	24.6	25.62
NR n71	15	10	DFT-QPSK	L	Outer_Full	23.53	24.55
NR n71	15	10	DFT-16QAM	L	Inner_1RB_Left	23.61	24.63
NR n71	15	10	DFT-16QAM	L	Inner_1RB_Right	23.69	24.71
NR n71	15	10	DFT-16QAM	L	Outer_Full	22.52	23.54
NR n71	15	10	DFT-64QAM	L	Inner_1RB_Left	22.02	23.04
NR n71	15	10	DFT-64QAM	L	Inner_1RB_Right	22.07	23.09
NR n71	15	10	DFT-64QAM	L	Outer_Full	22.04	23.06
NR n71	15	10	DFT-256QAM	L	Inner_1RB_Left	20.05	21.07
NR n71	15	10	DFT-256QAM	L	Inner_1RB_Right	19.67	20.69
NR n71	15	10	DFT-256QAM	L	Outer_Full	20.01	21.03
NR n71	15	10	DFT-QPSK	M	Inner_1RB_Left	24.57	25.59
NR n71	15	10	DFT-QPSK	M	Inner_1RB_Right	24.59	25.61
NR n71	15	10	DFT-QPSK	M	Outer_Full	23.67	24.69
NR n71	15	10	DFT-16QAM	M	Inner_1RB_Left	23.66	24.68
NR n71	15	10	DFT-16QAM	M	Inner_1RB_Right	23.71	24.73
NR n71	15	10	DFT-16QAM	M	Outer_Full	22.68	23.7
NR n71	15	10	DFT-64QAM	M	Inner_1RB_Left	21.97	22.99
NR n71	15	10	DFT-64QAM	M	Inner_1RB_Right	20.46	21.48
NR n71	15	10	DFT-64QAM	M	Outer_Full	20.32	21.34
NR n71	15	10	DFT-256QAM	M	Inner_1RB_Left	20.07	21.09
NR n71	15	10	DFT-256QAM	M	Inner_1RB_Right	20.13	21.15
NR n71	15	10	DFT-256QAM	M	Outer_Full	20.18	21.2
NR n71	15	10	DFT-QPSK	H	Inner_1RB_Left	24.5	25.52
NR n71	15	10	DFT-QPSK	H	Inner_1RB_Right	24.63	25.65
NR n71	15	10	DFT-QPSK	H	Outer_Full	23.66	24.68
NR n71	15	10	DFT-16QAM	H	Inner_1RB_Left	23.6	24.62
NR n71	15	10	DFT-16QAM	H	Inner_1RB_Right	23.72	24.74
NR n71	15	10	DFT-16QAM	H	Outer_Full	22.66	23.68
NR n71	15	10	DFT-64QAM	H	Inner_1RB_Left	21.9	22.92
NR n71	15	10	DFT-64QAM	H	Inner_1RB_Right	21.52	22.54
NR n71	15	10	DFT-64QAM	H	Outer_Full	21.32	22.34
NR n71	15	10	DFT-256QAM	H	Inner_1RB_Left	20.01	21.03
NR n71	15	10	DFT-256QAM	H	Inner_1RB_Right	20.15	21.17
NR n71	15	10	DFT-256QAM	H	Outer_Full	20.18	21.2

Note:

1. The conducted output power was copied from the original module report.
2. ERP (dBm) = Conducted Output Power (dBm) + Antenna Gain (dBi) - 2.15

Band	SCS	Bandwidth	Modulation	Channel	RB Configuration	Conducted Output Power (dBm)	ERP Power (dBm)
NR n71	15	15	DFT-QPSK	L	Inner_1RB_Left	24.56	25.58
NR n71	15	15	DFT-QPSK	L	Inner_1RB_Right	24.57	25.59
NR n71	15	15	DFT-QPSK	L	Outer_Full	23.57	24.59
NR n71	15	15	DFT-16QAM	L	Inner_1RB_Left	23.55	24.57
NR n71	15	15	DFT-16QAM	L	Inner_1RB_Right	23.69	24.71
NR n71	15	15	DFT-16QAM	L	Outer_Full	22.55	23.57
NR n71	15	15	DFT-64QAM	L	Inner_1RB_Left	21.97	22.99
NR n71	15	15	DFT-64QAM	L	Inner_1RB_Right	20.49	21.51
NR n71	15	15	DFT-64QAM	L	Outer_Full	22.08	23.1
NR n71	15	15	DFT-256QAM	L	Inner_1RB_Left	20.05	21.07
NR n71	15	15	DFT-256QAM	L	Inner_1RB_Right	20.15	21.17
NR n71	15	15	DFT-256QAM	L	Outer_Full	20.05	21.07
NR n71	15	15	DFT-QPSK	M	Inner_1RB_Left	24.52	25.54
NR n71	15	15	DFT-QPSK	M	Inner_1RB_Right	24.61	25.63
NR n71	15	15	DFT-QPSK	M	Outer_Full	23.65	24.67
NR n71	15	15	DFT-16QAM	M	Inner_1RB_Left	23.63	24.65
NR n71	15	15	DFT-16QAM	M	Inner_1RB_Right	23.52	24.54
NR n71	15	15	DFT-16QAM	M	Outer_Full	23.14	24.16
NR n71	15	15	DFT-64QAM	M	Inner_1RB_Left	22.52	23.54
NR n71	15	15	DFT-64QAM	M	Inner_1RB_Right	22.63	23.65
NR n71	15	15	DFT-64QAM	M	Outer_Full	22.02	23.04
NR n71	15	15	DFT-256QAM	M	Inner_1RB_Left	20.04	21.06
NR n71	15	15	DFT-256QAM	M	Inner_1RB_Right	20.17	21.19
NR n71	15	15	DFT-256QAM	M	Outer_Full	20.16	21.18
NR n71	15	15	DFT-QPSK	H	Inner_1RB_Left	24.48	25.5
NR n71	15	15	DFT-QPSK	H	Inner_1RB_Right	24.62	25.64
NR n71	15	15	DFT-QPSK	H	Outer_Full	23.85	24.87
NR n71	15	15	DFT-16QAM	H	Inner_1RB_Left	23.25	24.27
NR n71	15	15	DFT-16QAM	H	Inner_1RB_Right	23.12	24.14
NR n71	15	15	DFT-16QAM	H	Outer_Full	23.02	24.04
NR n71	15	15	DFT-64QAM	H	Inner_1RB_Left	22.21	23.23
NR n71	15	15	DFT-64QAM	H	Inner_1RB_Right	22.12	23.14
NR n71	15	15	DFT-64QAM	H	Outer_Full	21.85	22.87
NR n71	15	15	DFT-256QAM	H	Inner_1RB_Left	20.01	21.03
NR n71	15	15	DFT-256QAM	H	Inner_1RB_Right	20.18	21.2
NR n71	15	15	DFT-256QAM	H	Outer_Full	20.14	21.16

Note:

1. The conducted output power was copied from the original module report.
2. ERP (dBm) = Conducted Output Power (dBm) + Antenna Gain (dBi) - 2.15

Band	SCS	Bandwidth	Modulation	Channel	RB Configuration	Conducted Output Power (dBm)	ERP Power (dBm)
NR n71	15	20	DFT-QPSK	L	Inner_1RB_Left	24.32	25.34
NR n71	15	20	DFT-QPSK	L	Inner_1RB_Right	24.69	25.71
NR n71	15	20	DFT-QPSK	L	Outer_Full	23.54	24.56
NR n71	15	20	DFT-16QAM	L	Inner_1RB_Left	23.68	24.7
NR n71	15	20	DFT-16QAM	L	Inner_1RB_Right	23.82	24.84
NR n71	15	20	DFT-16QAM	L	Outer_Full	22.55	23.57
NR n71	15	20	DFT-64QAM	L	Inner_1RB_Left	21.23	22.25
NR n71	15	20	DFT-64QAM	L	Inner_1RB_Right	21.25	22.27
NR n71	15	20	DFT-64QAM	L	Outer_Full	20.32	21.34
NR n71	15	20	DFT-256QAM	L	Inner_1RB_Left	20.11	21.13
NR n71	15	20	DFT-256QAM	L	Inner_1RB_Right	20.24	21.26
NR n71	15	20	DFT-256QAM	L	Outer_Full	20.06	21.08
NR n71	15	20	DFT-QPSK	M	Inner_1RB_Left	24.58	25.6
NR n71	15	20	DFT-QPSK	M	Inner_1RB_Right	24.71	25.73
NR n71	15	20	DFT-QPSK	M	Outer_Full	23.67	24.69
NR n71	15	20	DFT-16QAM	M	Inner_1RB_Left	23.72	24.74
NR n71	15	20	DFT-16QAM	M	Inner_1RB_Right	23.82	24.84
NR n71	15	20	DFT-16QAM	M	Outer_Full	22.7	23.72
NR n71	15	20	DFT-64QAM	M	Inner_1RB_Left	22.06	23.08
NR n71	15	20	DFT-64QAM	M	Inner_1RB_Right	22.13	23.15
NR n71	15	20	DFT-64QAM	M	Outer_Full	22.2	23.22
NR n71	15	20	DFT-256QAM	M	Inner_1RB_Left	20.17	21.19
NR n71	15	20	DFT-256QAM	M	Inner_1RB_Right	20.28	21.3
NR n71	15	20	DFT-256QAM	M	Outer_Full	20.2	21.22
NR n71	15	20	DFT-QPSK	H	Inner_1RB_Left	24.57	25.59
NR n71	15	20	DFT-QPSK	H	Inner_1RB_Right	24.7	25.72
NR n71	15	20	DFT-QPSK	H	Outer_Full	23.59	24.61
NR n71	15	20	DFT-16QAM	H	Inner_1RB_Left	23.12	24.14
NR n71	15	20	DFT-16QAM	H	Inner_1RB_Right	23.02	24.04
NR n71	15	20	DFT-16QAM	H	Outer_Full	22.98	24
NR n71	15	20	DFT-64QAM	H	Inner_1RB_Left	22.23	23.25
NR n71	15	20	DFT-64QAM	H	Inner_1RB_Right	22.32	23.34
NR n71	15	20	DFT-64QAM	H	Outer_Full	21.85	22.87
NR n71	15	20	DFT-256QAM	H	Inner_1RB_Left	20.13	21.15
NR n71	15	20	DFT-256QAM	H	Inner_1RB_Right	20.28	21.3
NR n71	15	20	DFT-256QAM	H	Outer_Full	20.32	21.34

Note:

1. The conducted output power was copied from the original module report.
2.  $ERP\ (dBm) = \text{Conducted Output Power (dBm)} + \text{Antenna Gain (dBi)} - 2.15$

**7.1.8 NR n71 SCS 30 kHz**

Band	SCS	Bandwidth	Modulation	Channel	RB Configuration	Conducted Output Power (dBm)	ERP Power (dBm)
NR n71	30	20	DFT-QPSK	L	Inner_1RB_Left	23.83	24.85
NR n71	30	20	DFT-QPSK	L	Inner_1RB_Right	24.2	25.22
NR n71	30	20	DFT-QPSK	L	Outer_Full	23.07	24.09
NR n71	30	20	DFT-16QAM	L	Inner_1RB_Left	23.21	24.23
NR n71	30	20	DFT-16QAM	L	Inner_1RB_Right	23.34	24.36
NR n71	30	20	DFT-16QAM	L	Outer_Full	22.1	23.12
NR n71	30	20	DFT-64QAM	L	Inner_1RB_Left	20.81	21.83
NR n71	30	20	DFT-64QAM	L	Inner_1RB_Right	20.83	21.85
NR n71	30	20	DFT-64QAM	L	Outer_Full	19.91	20.93
NR n71	30	20	DFT-256QAM	L	Inner_1RB_Left	19.71	20.73
NR n71	30	20	DFT-256QAM	L	Inner_1RB_Right	19.84	20.86
NR n71	30	20	DFT-256QAM	L	Outer_Full	19.66	20.68
NR n71	30	20	DFT-QPSK	M	Inner_1RB_Left	24.09	25.11
NR n71	30	20	DFT-QPSK	M	Inner_1RB_Right	24.22	25.24
NR n71	30	20	DFT-QPSK	M	Outer_Full	23.2	24.22
NR n71	30	20	DFT-16QAM	M	Inner_1RB_Left	23.25	24.27
NR n71	30	20	DFT-16QAM	M	Inner_1RB_Right	23.34	24.36
NR n71	30	20	DFT-16QAM	M	Outer_Full	22.25	23.27
NR n71	30	20	DFT-64QAM	M	Inner_1RB_Left	21.62	22.64
NR n71	30	20	DFT-64QAM	M	Inner_1RB_Right	21.69	22.71
NR n71	30	20	DFT-64QAM	M	Outer_Full	21.76	22.78
NR n71	30	20	DFT-256QAM	M	Inner_1RB_Left	19.77	20.79
NR n71	30	20	DFT-256QAM	M	Inner_1RB_Right	19.87	20.89
NR n71	30	20	DFT-256QAM	M	Outer_Full	19.8	20.82
NR n71	30	20	DFT-QPSK	H	Inner_1RB_Left	24.08	25.1
NR n71	30	20	DFT-QPSK	H	Inner_1RB_Right	24.21	25.23
NR n71	30	20	DFT-QPSK	H	Outer_Full	23.12	24.14
NR n71	30	20	DFT-16QAM	H	Inner_1RB_Left	22.66	23.68
NR n71	30	20	DFT-16QAM	H	Inner_1RB_Right	22.56	23.58
NR n71	30	20	DFT-16QAM	H	Outer_Full	22.52	23.54
NR n71	30	20	DFT-64QAM	H	Inner_1RB_Left	21.79	22.81
NR n71	30	20	DFT-64QAM	H	Inner_1RB_Right	21.87	22.89
NR n71	30	20	DFT-64QAM	H	Outer_Full	21.41	22.43
NR n71	30	20	DFT-256QAM	H	Inner_1RB_Left	19.73	20.75
NR n71	30	20	DFT-256QAM	H	Inner_1RB_Right	19.87	20.89
NR n71	30	20	DFT-256QAM	H	Outer_Full	19.91	20.93

**Note:**

1. The conducted output power was copied from the original module report.
2. ERP (dBm) = Conducted Output Power (dBm) + Antenna Gain (dBi) - 2.15

## 7.2 Radiated Spurious Emissions below 1GHz

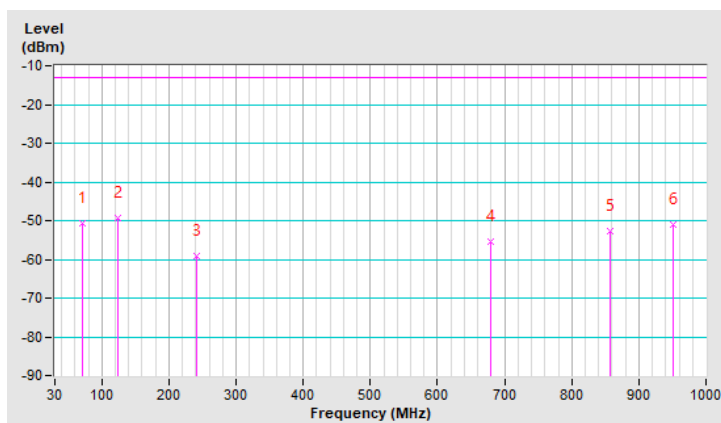
### 7.2.1 NR n25 SCS 15 kHz

RF Mode	NR n25 Channel Bandwidth: 20MHz	Channel	CH 381000 : 1905.0 MHz
Frequency Range	30 MHz ~ 1 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	24°C, 78% RH
Tested By	Vincent Chen		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	71.71	-50.68	-13.00	-37.68	1.00 H	230	59.27	-109.95
2	124.09	-49.24	-13.00	-36.24	1.50 H	94	59.97	-109.21
3	240.49	-59.02	-13.00	-46.02	2.00 H	18	50.19	-109.21
4	678.93	-55.38	-13.00	-42.38	1.50 H	218	43.84	-99.22
5	856.44	-52.79	-13.00	-39.79	1.00 H	288	44.01	-96.80
6	951.50	-51.05	-13.00	-38.05	2.00 H	8	44.60	-95.65

#### Remarks:

1.  $EIRP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2.  $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$
3.  $Margin\ value = EIRP - Limit\ value$
4. The other EIRP levels were very low against the limit of frequency range 30 MHz ~ 1 GHz.
5. The EIRP levels were very low against the limit of frequency range 9 kHz ~ 30 MHz: the amplitude of spurious emissions attenuated more than 20 dB below the permissible value to be report.





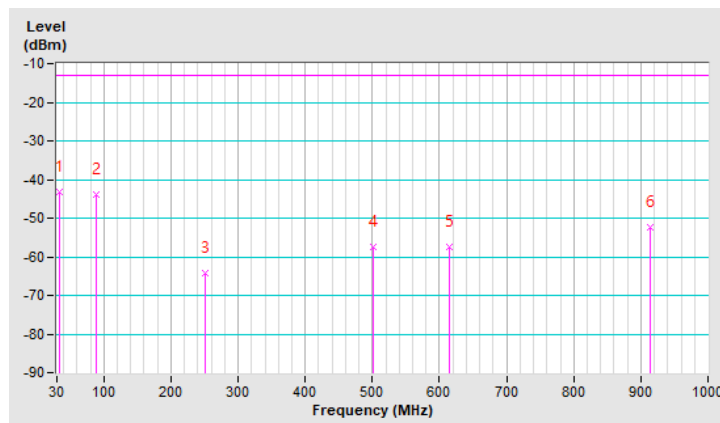
RF Mode	NR n25 Channel Bandwidth: 20MHz	Channel	CH 381000 : 1905.0 MHz
Frequency Range	30 MHz ~ 1 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	24°C, 78% RH
Tested By	Vincent Chen		

Antenna Polarity & Test Distance : Vertical at 3 m

No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	33.88	-43.29	-13.00	-30.29	1.00 V	165	64.71	-108.00
2	89.17	-44.04	-13.00	-31.04	1.50 V	126	69.23	-113.27
3	250.19	-64.16	-13.00	-51.16	2.00 V	214	44.72	-108.88
4	500.45	-57.42	-13.00	-44.42	1.50 V	184	44.73	-102.15
5	613.94	-57.48	-13.00	-44.48	2.00 V	202	42.74	-100.22
6	914.64	-52.44	-13.00	-39.44	1.50 V	285	43.68	-96.12

Remarks:

1.  $EIRP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2.  $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$
3.  $Margin\ value = EIRP - Limit\ value$
4. The other EIRP levels were very low against the limit of frequency range 30 MHz ~ 1 GHz.
5. The EIRP levels were very low against the limit of frequency range 9 kHz ~ 30 MHz: the amplitude of spurious emissions attenuated more than 20 dB below the permissible value to be report.



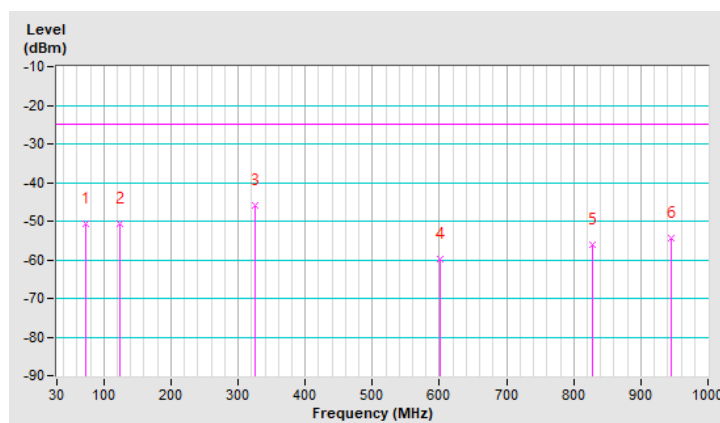
## 7.2.2 NR n41 SCS 30 kHz (MIMO)

RF Mode	NR n41 Channel Bandwidth: 100MHz	Channel	CH 528000 : 2640.00 MHz
Frequency Range	30 MHz ~ 1 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	24°C, 78% RH
Tested By	Vincent Chen		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	72.68	-50.83	-25.00	-25.83	1.00 H	226	59.33	-110.16
2	124.09	-50.56	-25.00	-25.56	1.50 H	254	58.65	-109.21
3	324.88	-46.00	-25.00	-21.00	2.00 H	337	60.37	-106.37
4	600.36	-59.84	-25.00	-34.84	1.50 H	41	40.79	-100.63
5	827.34	-55.98	-25.00	-30.98	1.50 H	300	40.78	-96.76
6	944.71	-54.49	-25.00	-29.49	2.00 H	178	41.29	-95.78

## Remarks:

- EIRP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
- Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8
- Margin value = EIRP – Limit value
- The other EIRP levels were very low against the limit of frequency range 30 MHz ~ 1 GHz.
- The EIRP levels were very low against the limit of frequency range 9 kHz ~ 30 MHz: the amplitude of spurious emissions attenuated more than 20 dB below the permissible value to be report.



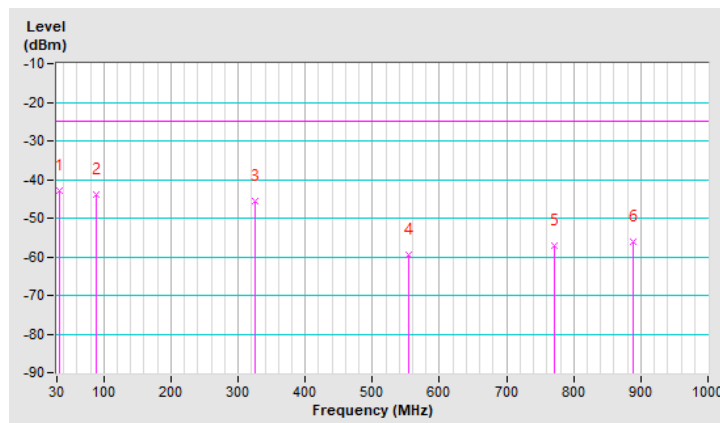
RF Mode	NR n41 Channel Bandwidth: 100MHz	Channel	CH 528000 : 2640.00 MHz
Frequency Range	30 MHz ~ 1 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	24°C, 78% RH
Tested By	Vincent Chen		

Antenna Polarity & Test Distance : Vertical at 3 m

No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	33.88	-43.02	-25.00	-18.02	1.00 V	88	64.98	-108.00
2	89.17	-44.00	-25.00	-19.00	1.50 V	220	69.27	-113.27
3	324.88	-45.63	-25.00	-20.63	2.00 V	343	60.74	-106.37
4	553.80	-59.45	-25.00	-34.45	2.00 V	179	42.06	-101.51
5	771.08	-57.08	-25.00	-32.08	1.50 V	314	39.98	-97.06
6	888.45	-56.23	-25.00	-31.23	1.00 V	1	40.17	-96.40

Remarks:

1.  $EIRP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2.  $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$
3.  $Margin\ value = EIRP - Limit\ value$
4. The other EIRP levels were very low against the limit of frequency range 30 MHz ~ 1 GHz.
5. The EIRP levels were very low against the limit of frequency range 9 kHz ~ 30 MHz: the amplitude of spurious emissions attenuated more than 20 dB below the permissible value to be report.



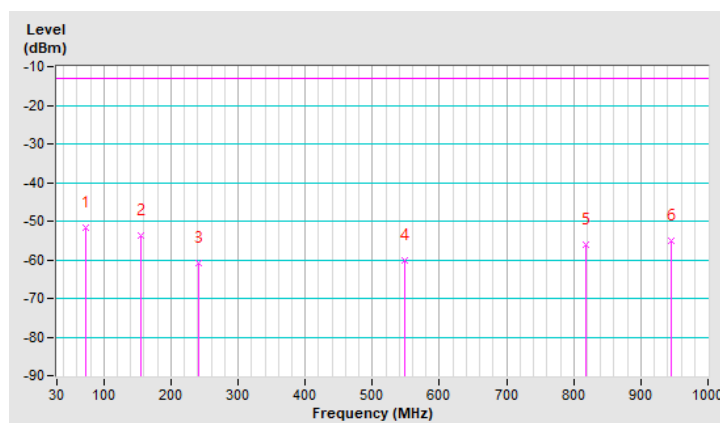
## 7.2.3 NR n66 SCS 15 kHz

RF Mode	NR n66 Channel Bandwidth: 5MHz	Channel	CH 355500 : 1777.5 MHz
Frequency Range	30 MHz ~ 1 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	24°C, 78% RH
Tested By	Vincent Chen		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	72.68	-51.66	-13.00	-38.66	2.00 H	247	58.50	-110.16
2	156.10	-53.61	-13.00	-40.61	1.00 H	123	54.12	-107.73
3	241.46	-60.93	-13.00	-47.93	1.50 H	32	48.24	-109.17
4	548.95	-60.11	-13.00	-47.11	2.00 H	122	41.45	-101.56
5	818.61	-56.10	-13.00	-43.10	1.50 H	164	40.62	-96.72
6	945.68	-55.04	-13.00	-42.04	1.00 H	137	40.72	-95.76

## Remarks:

1.  $EIRP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2.  $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$
3.  $Margin\ value = EIRP - Limit\ value$
4. The other EIRP levels were very low against the limit of frequency range 30 MHz ~ 1 GHz.
5. The EIRP levels were very low against the limit of frequency range 9 kHz ~ 30 MHz: the amplitude of spurious emissions attenuated more than 20 dB below the permissible value to be report.



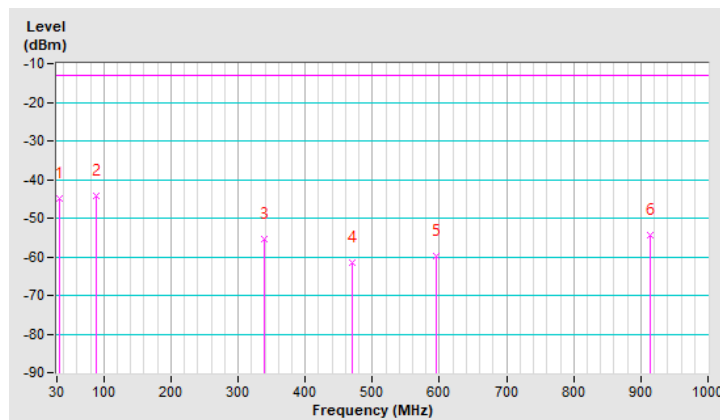
RF Mode	NR n66 Channel Bandwidth: 5MHz	Channel	CH 355500 : 1777.5 MHz
Frequency Range	30 MHz ~ 1 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	24°C, 78% RH
Tested By	Vincent Chen		

Antenna Polarity & Test Distance : Vertical at 3 m

No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	33.88	-45.00	-13.00	-32.00	1.00 V	124	63.00	-108.00
2	88.20	-44.24	-13.00	-31.24	1.50 V	244	69.03	-113.27
3	338.46	-55.34	-13.00	-42.34	2.00 V	18	50.86	-106.20
4	470.38	-61.61	-13.00	-48.61	1.50 V	5	41.24	-102.85
5	595.51	-59.73	-13.00	-46.73	1.00 V	198	41.00	-100.73
6	914.64	-54.26	-13.00	-41.26	1.50 V	120	41.86	-96.12

Remarks:

1.  $EIRP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2.  $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$
3.  $Margin\ value = EIRP - Limit\ value$
4. The other EIRP levels were very low against the limit of frequency range 30 MHz ~ 1 GHz.
5. The EIRP levels were very low against the limit of frequency range 9 kHz ~ 30 MHz: the amplitude of spurious emissions attenuated more than 20 dB below the permissible value to be report.



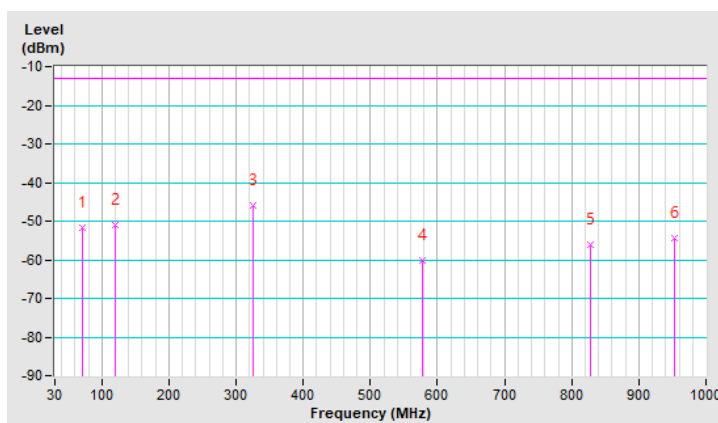
## 7.2.4 NR n71 SCS 15 kHz

RF Mode	NR n71 Channel Bandwidth: 20MHz	Channel	CH 137600 : 688.0 MHz
Frequency Range	30 MHz ~ 1 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	24°C, 78% RH
Tested By	Vincent Chen		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	71.71	-51.64	-13.00	-38.64	1.00 H	218	60.46	-112.10
2	120.21	-50.96	-13.00	-37.96	1.50 H	100	60.71	-111.67
3	325.85	-46.08	-13.00	-33.08	2.00 H	345	62.43	-108.51
4	578.05	-60.09	-13.00	-47.09	1.50 H	201	43.16	-103.25
5	828.31	-56.27	-13.00	-43.27	1.00 H	128	42.65	-98.92
6	953.44	-54.49	-13.00	-41.49	2.00 H	14	43.29	-97.78

## Remarks:

- ERP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
- Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8 – 2.15
- Margin value = ERP – Limit value
- The other ERP levels were very low against the limit of frequency range 30 MHz ~ 1 GHz.
- The ERP levels were very low against the limit of frequency range 9 kHz ~ 30 MHz: the amplitude of spurious emissions attenuated more than 20 dB below the permissible value to be report.



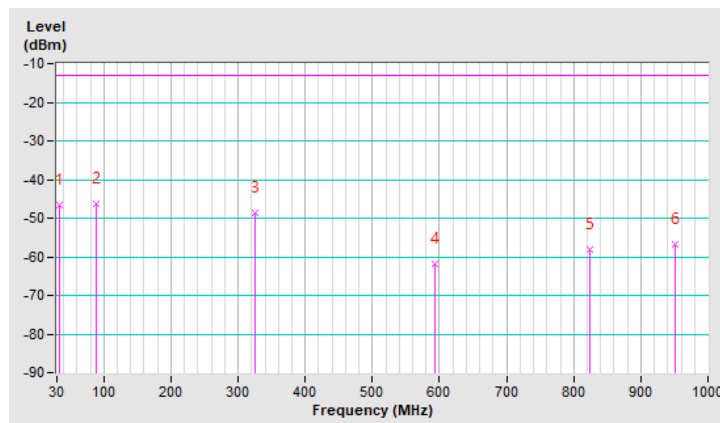
RF Mode	NR n71 Channel Bandwidth: 20MHz	Channel	CH 137600 : 688.0 MHz
Frequency Range	30 MHz ~ 1 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	24°C, 78% RH
Tested By	Vincent Chen		

Antenna Polarity & Test Distance : Vertical at 3 m

No	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	33.88	-46.58	-13.00	-33.58	1.00 V	82	63.57	-110.15
2	88.20	-46.18	-13.00	-33.18	1.50 V	144	69.24	-115.42
3	325.85	-48.61	-13.00	-35.61	2.00 V	356	59.90	-108.51
4	593.57	-61.94	-13.00	-48.94	1.50 V	94	40.97	-102.91
5	824.43	-58.13	-13.00	-45.13	1.00 V	65	40.76	-98.89
6	951.50	-56.72	-13.00	-43.72	2.00 V	2	41.08	-97.80

Remarks:

- ERP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
- Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8 – 2.15
- Margin value = ERP – Limit value
- The other ERP levels were very low against the limit of frequency range 30 MHz ~ 1 GHz.
- The ERP levels were very low against the limit of frequency range 9 kHz ~ 30 MHz: the amplitude of spurious emissions attenuated more than 20 dB below the permissible value to be report.



### 7.3 Radiated Spurious Emissions above 1GHz

#### 7.3.1 NR n25 SCS 15 kHz

RF Mode	NR n25 Channel Bandwidth: 5MHz	Channel	CH 370500 : 1852.5 MHz
Frequency Range	1 GHz ~ 20 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	20°C, 67% RH
Tested By	Vincent Chen / Thomas Cheng		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	3705.00	-52.26	-13.00	-39.26	3.50 H	52	56.62	-108.88
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	3705.00	-53.57	-13.00	-40.57	1.71 V	288	55.31	-108.88

Remarks:

1.  $EIRP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2.  $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$
3.  $Margin\ value = EIRP - Limit\ value$
4. The other EIRP levels were very low against the limit.





RF Mode	NR n25 Channel Bandwidth: 5MHz	Channel	CH 376500 : 1882.5 MHz
Frequency Range	1 GHz ~ 20 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	20°C, 67% RH
Tested By	Vincent Chen / Thomas Cheng		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	3765.00	-52.66	-13.00	-39.66	1.53 H	190	56.34	-109.00
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	3765.00	-52.64	-13.00	-39.64	3.45 V	296	56.36	-109.00

Remarks:

1.  $EIRP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2.  $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit.



RF Mode	NR n25 Channel Bandwidth: 5MHz	Channel	CH 382500 : 1912.5 MHz
Frequency Range	1 GHz ~ 20 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	20°C, 67% RH
Tested By	Vincent Chen / Thomas Cheng		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	3825.00	-52.47	-13.00	-39.47	3.23 H	346	56.31	-108.78
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	3825.00	-53.51	-13.00	-40.51	1.58 V	80	55.27	-108.78

Remarks:

1.  $EIRP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2.  $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit.



RF Mode	NR n25 Channel Bandwidth: 20MHz	Channel	CH 372000 : 1860 MHz
Frequency Range	1 GHz ~ 20 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	20°C, 67% RH
Tested By	Vincent Chen / Thomas Cheng		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	3720.00	-52.54	-13.00	-39.54	2.96 H	333	56.39	-108.93
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	3720.00	-53.06	-13.00	-40.06	3.00 V	230	55.87	-108.93

Remarks:

1.  $EIRP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2.  $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit.



RF Mode	NR n25 Channel Bandwidth: 20MHz	Channel	CH 376500 : 1882.5 MHz
Frequency Range	1 GHz ~ 20 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	20°C, 67% RH
Tested By	Vincent Chen / Thomas Cheng		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	3765.00	-52.28	-13.00	-39.28	3.71 H	33	56.72	-109.00
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	3765.00	-53.39	-13.00	-40.39	2.82 V	101	55.61	-109.00

Remarks:

1.  $EIRP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2.  $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit.



RF Mode	NR n25 Channel Bandwidth: 20MHz	Channel	CH 381000 : 1905 MHz
Frequency Range	1 GHz ~ 20 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	20°C, 67% RH
Tested By	Vincent Chen / Thomas Cheng		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	3810.00	-52.26	-13.00	-39.26	2.02 H	217	56.66	-108.92
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	3810.00	-53.53	-13.00	-40.53	2.94 V	135	55.39	-108.92

## Remarks:

1.  $EIRP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2.  $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit.

RF Mode	NR n25 Channel Bandwidth: 40MHz	Channel	CH 374000 : 1870 MHz
Frequency Range	1 GHz ~ 20 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	20°C, 67% RH
Tested By	Vincent Chen / Thomas Cheng		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	3740.00	-52.57	-13.00	-39.57	2.31 H	156	56.41	-108.98
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	3740.00	-53.77	-13.00	-40.77	1.52 V	242	55.21	-108.98

Remarks:

1.  $EIRP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2.  $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit.



RF Mode	NR n25 Channel Bandwidth: 40MHz	Channel	CH 376500 : 1882.5 MHz
Frequency Range	1 GHz ~ 20 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	20°C, 67% RH
Tested By	Vincent Chen / Thomas Cheng		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	3765.00	-52.64	-13.00	-39.64	1.22 H	142	56.36	-109.00
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	3765.00	-53.26	-13.00	-40.26	1.63 V	278	55.74	-109.00

Remarks:

1.  $EIRP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2.  $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit.



RF Mode	NR n25 Channel Bandwidth: 40MHz	Channel	CH 379000 : 1895 MHz
Frequency Range	1 GHz ~ 20 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	20°C, 67% RH
Tested By	Vincent Chen / Thomas Cheng		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	3790.00	-52.58	-13.00	-39.58	2.56 H	173	56.42	-109.00
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	3790.00	-53.37	-13.00	-40.37	1.63 V	203	55.63	-109.00

Remarks:

1.  $EIRP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2.  $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit.



**7.3.2 NR n41 SCS 30 kHz (MIMO)**

RF Mode	NR n41 Channel Bandwidth: 10MHz	Channel	CH 500202 : 2501.01 MHz
Frequency Range	1 GHz ~ 27 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	20°C, 67% RH
Tested By	Vincent Chen / Thomas Cheng		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5002.02	-49.93	-25.00	-24.93	1.23 H	227	56.18	-106.11
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5002.02	-51.79	-25.00	-26.79	2.64 V	125	54.32	-106.11

**Remarks:**

1.  $EIRP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2.  $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$
3.  $Margin\ value = EIRP - Limit\ value$
4. The other EIRP levels were very low against the limit.



RF Mode	NR n41 Channel Bandwidth: 10MHz	Channel	CH 518598 : 2592.99 MHz
Frequency Range	1 GHz ~ 27 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	20°C, 67% RH
Tested By	Vincent Chen / Thomas Cheng		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5185.98	-49.46	-25.00	-24.46	1.65 H	287	56.67	-106.13
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5185.98	-51.41	-25.00	-26.41	2.63 V	145	54.72	-106.13

Remarks:

1.  $EIRP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2.  $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit.



RF Mode	NR n41 Channel Bandwidth: 10MHz	Channel	CH 537000 : 2685.00 MHz
Frequency Range	1 GHz ~ 27 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	20°C, 67% RH
Tested By	Vincent Chen / Thomas Cheng		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5370.00	-50.12	-25.00	-25.12	1.65 H	206	56.15	-106.27
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5370.00	-51.98	-25.00	-26.98	2.10 V	178	54.29	-106.27

Remarks:

1.  $EIRP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2.  $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit.



RF Mode	NR n41 Channel Bandwidth: 50MHz	Channel	CH 504204 : 2521.02 MHz
Frequency Range	1 GHz ~ 27 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	20°C, 67% RH
Tested By	Vincent Chen / Thomas Cheng		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5042.04	-48.90	-25.00	-23.90	1.46 H	265	57.03	-105.93
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5042.04	-50.79	-25.00	-25.79	2.03 V	178	55.14	-105.93

Remarks:

1.  $EIRP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2.  $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit.



RF Mode	NR n41 Channel Bandwidth: 50MHz	Channel	CH 518598 : 2592.99 MHz
Frequency Range	1 GHz ~ 27 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	20°C, 67% RH
Tested By	Vincent Chen / Thomas Cheng		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5185.98	-48.68	-25.00	-23.68	1.70 H	254	57.45	-106.13
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5185.98	-50.92	-25.00	-25.92	2.10 V	163	55.21	-106.13

Remarks:

1.  $EIRP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2.  $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit.



RF Mode	NR n41 Channel Bandwidth: 50MHz	Channel	CH 532998 : 2664.99 MHz
Frequency Range	1 GHz ~ 27 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	20°C, 67% RH
Tested By	Vincent Chen / Thomas Cheng		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5329.98	-49.03	-25.00	-24.03	1.53 H	263	57.19	-106.22
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5329.98	-51.10	-25.00	-26.10	2.46 V	178	55.12	-106.22

Remarks:

1.  $EIRP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2.  $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$
3.  $Margin\ value = EIRP - Limit\ value$
4. The other EIRP levels were very low against the limit.



RF Mode	NR n41 Channel Bandwidth: 100MHz	Channel	CH 509202 : 2546.01 MHz
Frequency Range	1 GHz ~ 27 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	20°C, 67% RH
Tested By	Vincent Chen / Thomas Cheng		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5092.02	-48.90	-25.00	-23.90	1.47 H	238	56.63	-105.53
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5092.02	-50.81	-25.00	-25.81	2.54 V	136	54.72	-105.53

Remarks:

1.  $EIRP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2.  $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit.



RF Mode	NR n41 Channel Bandwidth: 100MHz	Channel	CH 518598 : 2592.99 MHz
Frequency Range	1 GHz ~ 27 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	20°C, 67% RH
Tested By	Vincent Chen / Thomas Cheng		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5185.98	-49.01	-25.00	-24.01	1.25 H	233	57.12	-106.13
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5185.98	-50.90	-25.00	-25.90	2.43 V	155	55.23	-106.13

Remarks:

1.  $EIRP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2.  $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$
3.  $Margin\ value = EIRP - Limit\ value$
4. The other EIRP levels were very low against the limit.





RF Mode	NR n41 Channel Bandwidth: 100MHz	Channel	CH 528000 : 2640 MHz
Frequency Range	1 GHz ~ 27 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	20°C, 67% RH
Tested By	Vincent Chen / Thomas Cheng		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5280.00	-49.72	-25.00	-24.72	1.65 H	232	56.48	-106.20
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	<b>5280.00</b>	<b>-48.52</b>	<b>-25.00</b>	<b>-23.52</b>	<b>1.65 V</b>	<b>232</b>	<b>57.68</b>	<b>-106.20</b>

Remarks:

1.  $EIRP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2.  $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit.

## 7.3.3 NR n66 SCS 15 kHz

RF Mode	NR n66 Channel Bandwidth: 5MHz	Channel	CH 342500 : 1712.5 MHz
Frequency Range	1 GHz ~ 18 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	20°C, 67% RH
Tested By	Vincent Chen / Thomas Cheng		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	3425.00	-53.33	-13.00	-40.33	1.30 H	188	56.53	-109.86
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	3425.00	-54.22	-13.00	-41.22	2.01 V	334	55.64	-109.86

## Remarks:

1.  $EIRP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2.  $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit.



RF Mode	NR n66 Channel Bandwidth: 5MHz	Channel	CH 349000 : 1745 MHz
Frequency Range	1 GHz ~ 18 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	20°C, 67% RH
Tested By	Vincent Chen / Thomas Cheng		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	3490.00	-52.77	-13.00	-39.77	1.82 H	222	56.36	-109.13
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	3490.00	-53.66	-13.00	-40.66	3.15 V	208	55.47	-109.13

Remarks:

1.  $EIRP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2.  $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit.



RF Mode	NR n66 Channel Bandwidth: 5MHz	Channel	CH 355500 : 1777.5 MHz
Frequency Range	1 GHz ~ 18 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	20°C, 67% RH
Tested By	Vincent Chen / Thomas Cheng		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	3555.00	-51.97	-13.00	-38.97	1.60 H	299	56.90	-108.87
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	3555.00	-53.41	-13.00	-40.41	2.65 V	106	55.46	-108.87

Remarks:

1.  $EIRP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2.  $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit.



RF Mode	NR n66 Channel Bandwidth: 20MHz	Channel	CH 344000 : 1720 MHz
Frequency Range	1 GHz ~ 18 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	20°C, 67% RH
Tested By	Vincent Chen / Thomas Cheng		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	3440.00	-53.18	-13.00	-40.18	1.09 H	223	56.56	-109.74
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	3440.00	-54.13	-13.00	-41.13	2.13 V	277	55.61	-109.74

Remarks:

1.  $EIRP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2.  $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit.



RF Mode	NR n66 Channel Bandwidth: 20MHz	Channel	CH 349000 : 1745 MHz
Frequency Range	1 GHz ~ 18 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	20°C, 67% RH
Tested By	Vincent Chen / Thomas Cheng		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	3490.00	-52.27	-13.00	-39.27	1.33 H	64	56.86	-109.13
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	3490.00	-53.52	-13.00	-40.52	2.42 V	18	55.61	-109.13

Remarks:

1.  $EIRP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2.  $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit.



RF Mode	NR n66 Channel Bandwidth: 20MHz	Channel	CH 354000 : 1770 MHz
Frequency Range	1 GHz ~ 18 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	20°C, 67% RH
Tested By	Vincent Chen / Thomas Cheng		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	3540.00	-52.25	-13.00	-39.25	3.92 H	291	56.65	-108.90
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	3540.00	-53.70	-13.00	-40.70	1.58 V	156	55.20	-108.90

Remarks:

1.  $EIRP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2.  $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit.



RF Mode	NR n66 Channel Bandwidth: 40MHz	Channel	CH 346000 : 1730.0 MHz
Frequency Range	1 GHz ~ 18 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	20°C, 67% RH
Tested By	Vincent Chen / Thomas Cheng		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	3460.00	-52.78	-13.00	-39.78	1.23 H	78	56.73	-109.51
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	3460.00	-53.98	-13.00	-40.98	2.32 V	15	55.53	-109.51

Remarks:

1.  $EIRP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2.  $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit.





RF Mode	NR n66 Channel Bandwidth: 40MHz	Channel	CH 349000 : 1745.0 MHz
Frequency Range	1 GHz ~ 18 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	20°C, 67% RH
Tested By	Vincent Chen / Thomas Cheng		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	3490.00	-52.45	-13.00	-39.45	1.43 H	65	56.68	-109.13
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	3490.00	-53.66	-13.00	-40.66	2.52 V	23	55.47	-109.13

Remarks:

1.  $EIRP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2.  $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit.



RF Mode	NR n66 Channel Bandwidth: 40MHz	Channel	CH 352000 : 1760.0 MHz
Frequency Range	1 GHz ~ 18 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	20°C, 67% RH
Tested By	Vincent Chen / Thomas Cheng		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	3520.00	-52.33	-13.00	-39.33	1.32 H	45	56.62	-108.95
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	3520.00	-53.54	-13.00	-40.54	2.49 V	53	55.41	-108.95

Remarks:

1.  $EIRP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2.  $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit.

## 7.3.4 NR n71 SCS 15 kHz

RF Mode	NR n71 Channel Bandwidth: 5MHz	Channel	CH 133100 : 665.5 MHz
Frequency Range	1 GHz ~ 18 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	20°C, 67% RH
Tested By	Vincent Chen / Thomas Cheng		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1331.00	-61.31	-13.00	-48.31	2.52 H	245	56.78	-118.09
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1331.00	-62.41	-13.00	-49.41	1.69 V	289	55.68	-118.09

## Remarks:

- ERP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
- Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8 – 2.15
- Margin value = ERP – Limit value
- The other ERP levels were very low against the limit.



RF Mode	NR n71 Channel Bandwidth: 5MHz	Channel	CH 136100 : 680.5 MHz
Frequency Range	1 GHz ~ 18 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	20°C, 67% RH
Tested By	Vincent Chen / Thomas Cheng		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1361.00	-61.49	-13.00	-48.49	3.80 H	75	56.48	-117.97
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1361.00	-62.21	-13.00	-49.21	2.19 V	284	55.76	-117.97

Remarks:

- ERP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
- Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8 – 2.15
- Margin value = ERP – Limit value
- The other ERP levels were very low against the limit.



RF Mode	NR n71 Channel Bandwidth: 5MHz	Channel	CH 139100 : 695.5 MHz
Frequency Range	1 GHz ~ 18 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	20°C, 67% RH
Tested By	Vincent Chen / Thomas Cheng		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1391.00	-61.19	-13.00	-48.19	3.13 H	107	56.63	-117.82
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1391.00	-62.34	-13.00	-49.34	2.75 V	150	55.48	-117.82

Remarks:

- ERP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
- Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8 – 2.15
- Margin value = ERP – Limit value
- The other ERP levels were very low against the limit.



RF Mode	NR n71 Channel Bandwidth: 20MHz	Channel	CH 134600 : 673 MHz
Frequency Range	1 GHz ~ 18 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	20°C, 67% RH
Tested By	Vincent Chen / Thomas Cheng		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1346.00	-61.50	-13.00	-48.50	2.25 H	93	56.53	-118.03
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1346.00	-62.58	-13.00	-49.58	3.15 V	198	55.45	-118.03

Remarks:

1.  $ERP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2.  $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8 - 2.15$
3.  $Margin\ value = ERP - Limit\ value$
4. The other ERP levels were very low against the limit.



RF Mode	NR n71 Channel Bandwidth: 20MHz	Channel	CH 136100 : 680.5 MHz
Frequency Range	1 GHz ~ 18 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	20°C, 67% RH
Tested By	Vincent Chen / Thomas Cheng		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1361.00	-61.11	-13.00	-48.11	3.02 H	258	56.86	-117.97
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1361.00	-62.08	-13.00	-49.08	2.60 V	327	55.89	-117.97

Remarks:

1.  $ERP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2.  $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8 - 2.15$
3.  $Margin\ value = ERP - Limit\ value$
4. The other ERP levels were very low against the limit.



RF Mode	NR n71 Channel Bandwidth: 20MHz	Channel	CH 137600 : 688 MHz
Frequency Range	1 GHz ~ 18 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	20°C, 67% RH
Tested By	Vincent Chen / Thomas Cheng		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1376.00	-61.51	-13.00	-48.51	1.20 H	141	56.38	-117.89
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1376.00	-62.68	-13.00	-49.68	1.59 V	347	55.21	-117.89

Remarks:

- ERP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
- Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8 – 2.15
- Margin value = ERP – Limit value
- The other ERP levels were very low against the limit.



## 8 Pictures of Test Arrangements

Please refer to the attached file (Test Setup Photo)

## 9 Information of the Testing Laboratories

We, Bureau Veritas Consumer Products Services (H.K.) Ltd., Taoyuan Branch, were founded in 1988 to provide our best service in EMC, Radio, Telecom and Safety consultation. Our laboratories are FCC recognized accredited test firms and accredited according to ISO/IEC 17025.

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The address and road map of all our labs can be found in our web site also.

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