

# 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-P23030799B-2

**FCC ID:** RAXTMOG4AR

**Product:** 5G Gateway

**Brand:** T-Mobile

**Model No.:** TMO-G4AR

**Received Date:** 2023/5/12

**Test Date:** 2023/5/20 ~ 2023/5/24

**Issued Date:** 2023/6/14

**Applicant:** Arcadyan Technology Corporation

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**Issued By:** Bureau Veritas Consumer Products Services (H.K.) Ltd., Taoyuan Branch  
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**FCC Registration /** 788550 / TW0003

**Designation Number:**

**Approved by:** Jeremy Lin, **Date:** 2023/6/14  
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-P23030799B-2	Original Release	2023/6/14

## 1 Certificate

**Product:** 5G Gateway

**Brand:** T-Mobile

**Test Model:** TMO-G4AR

**Sample Status:** Engineering Sample

**Applicant:** Arcadyan Technology Corporation

**Test Date:** 2023/5/20 ~ 2023/5/24

**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 -13.24 dB at 92.08 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 -16.75 dB at 5370.00 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 for NR n71 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. This report is prepared for FCC class II permissive change. The difference compared with the original report (BV CPS report no.: RFBCMA-WTW-P23030799-5) is adding external antenna.
2. Due to Band 5G n25/n41/n66 EIRP need equal or less than the original Certificate. Therefore, Band 5G n25/n41/n66 need reduce power. And base on conducted power less than 5G module (Fibocom FG360-NA), the conducted data still leverage after verify. Also record EIRP Power in the report with External Antenna to prove it not over the limit.
3. There are different power table for external and internal antenna, and external and internal antenna was control by FW to use, it not use at the same time.
4. 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



## 5. EUT Overview.

Band / Bandwidth	TX Frequency Range (MHz)	Max. EIRP Power				
SCS 15kHz						
n25 (Channel Bandwidth 5MHz)	1852.50-1912.50	QPSK	28.43	dBm	/	696.627 mW
		16QAM	27.44	dBm	/	554.626 mW
		64QAM	26.07	dBm	/	404.576 mW
		256QAM	24.44	dBm	/	277.971 mW
n25 (Channel Bandwidth 10MHz)	1855.00-1910.00	QPSK	28.48	dBm	/	704.693 mW
		16QAM	27.57	dBm	/	571.479 mW
		64QAM	26.25	dBm	/	421.697 mW
		256QAM	24.52	dBm	/	283.139 mW
n25 (Channel Bandwidth 15MHz)	1857.50-1907.50	QPSK	28.56	dBm	/	717.794 mW
		16QAM	27.71	dBm	/	590.201 mW
		64QAM	26.29	dBm	/	425.598 mW
		256QAM	24.69	dBm	/	294.442 mW
n25 (Channel Bandwidth 20MHz)	1860.00-1905.00	QPSK	28.57	dBm	/	719.449 mW
		16QAM	27.51	dBm	/	563.638 mW
		64QAM	26.29	dBm	/	425.598 mW
		256QAM	24.6	dBm	/	288.403 mW
n25 (Channel Bandwidth 25MHz)	1862.50-1902.50	QPSK	27.94	dBm	/	622.300 mW
		16QAM	26.91	dBm	/	490.908 mW
		64QAM	25.94	dBm	/	392.645 mW
		256QAM	23.95	dBm	/	248.313 mW
n25 (Channel Bandwidth 30MHz)	1865.00-1900.00	QPSK	28.57	dBm	/	719.449 mW
		16QAM	27.52	dBm	/	564.937 mW
		64QAM	26.23	dBm	/	419.759 mW
		256QAM	24.64	dBm	/	291.072 mW
n25 (Channel Bandwidth 40MHz)	1870.00-1895.00	QPSK	28.73	dBm	/	746.449 mW
		16QAM	27.77	dBm	/	598.412 mW
		64QAM	26.21	dBm	/	417.830 mW
		256QAM	24.74	dBm	/	297.852 mW
SCS 30kHz						
n25 (Channel Bandwidth 40MHz)	1870.00-1895.00	QPSK	28.71	dBm	/	743.019 mW
		16QAM	27.75	dBm	/	595.662 mW
		64QAM	26.19	dBm	/	415.911 mW
		256QAM	24.72	dBm	/	296.483 mW

Band / Bandwidth	TX Frequency Range (MHz)	Max. EIRP Power			
SCS 15kHz, SISO					
n41 (Channel Bandwidth 50MHz)	2546.01-2640.00	QPSK	28.27	dBm	/ 671.429 mW
		16QAM	27.23	dBm	/ 528.445 mW
		64QAM	26.2	dBm	/ 416.869 mW
		256QAM	24.1	dBm	/ 257.040 mW
SCS 15kHz, MIMO					
n41 (Channel Bandwidth 50MHz)	2546.01-2640.00	QPSK	31.42	dBm	/ 1386.756 mW
		16QAM	30.92	dBm	/ 1235.947 mW
		64QAM	29.63	dBm	/ 918.333 mW
		256QAM	26.51	dBm	/ 447.713 mW

Band / Bandwidth	TX Frequency Range (MHz)	Max. EIRP Power			
SCS 30kHz, SISO					
n41 (Channel Bandwidth 10MHz)	2501.01-2685.00	QPSK	29.03	dBm	/ 799.834 mW
		16QAM	28.01	dBm	/ 632.412 mW
		64QAM	26.96	dBm	/ 496.592 mW
		256QAM	24.87	dBm	/ 306.902 mW
n41 (Channel Bandwidth 15MHz)	2503.50-2682.48	QPSK	29.18	dBm	/ 827.942 mW
		16QAM	28.03	dBm	/ 635.331 mW
		64QAM	27	dBm	/ 501.187 mW
		256QAM	24.75	dBm	/ 298.538 mW
n41 (Channel Bandwidth 20MHz)	2506.02-2679.99	QPSK	29.09	dBm	/ 810.961 mW
		16QAM	28.03	dBm	/ 635.331 mW
		64QAM	27.07	dBm	/ 509.331 mW
		256QAM	26.74	dBm	/ 472.063 mW
n41 (Channel Bandwidth 30MHz)	2511.00-2674.98	QPSK	29.13	dBm	/ 818.465 mW
		16QAM	28.2	dBm	/ 660.693 mW
		64QAM	27.14	dBm	/ 517.607 mW
		256QAM	24.77	dBm	/ 299.916 mW
n41 (Channel Bandwidth 40MHz)	2516.01-2670.00	QPSK	29.1	dBm	/ 812.831 mW
		16QAM	27.93	dBm	/ 620.869 mW
		64QAM	27.05	dBm	/ 506.991 mW
		256QAM	24.79	dBm	/ 301.301 mW



Band / Bandwidth	TX Frequency Range (MHz)	Max. EIRP Power					
SCS 30kHz, SISO							
n41 (Channel Bandwidth 50MHz)	2521.02-2664.99	QPSK	28.86	dBm	/	769.130	mW
		16QAM	28.03	dBm	/	635.331	mW
		64QAM	26.87	dBm	/	486.407	mW
		256QAM	24.74	dBm	/	297.852	mW
n41 (Channel Bandwidth 60MHz)	2526.00-2659.98	QPSK	28.79	dBm	/	756.833	mW
		16QAM	28.03	dBm	/	635.331	mW
		64QAM	26.67	dBm	/	464.515	mW
		256QAM	24.6	dBm	/	288.403	mW
n41 (Channel Bandwidth 70MHz)	2531.01-2655.00	QPSK	28.9	dBm	/	776.247	mW
		16QAM	28.04	dBm	/	636.796	mW
		64QAM	26.98	dBm	/	498.884	mW
		256QAM	24.65	dBm	/	291.743	mW
n41 (Channel Bandwidth 80MHz)	2536.02-2649.99	QPSK	28.71	dBm	/	743.019	mW
		16QAM	28.04	dBm	/	636.796	mW
		64QAM	26.64	dBm	/	461.318	mW
		256QAM	24.54	dBm	/	284.446	mW
n41 (Channel Bandwidth 90MHz)	2541.00-2644.98	QPSK	28.74	dBm	/	748.170	mW
		16QAM	27.91	dBm	/	618.016	mW
		64QAM	26.75	dBm	/	473.151	mW
		256QAM	24.49	dBm	/	281.190	mW
n41 (Channel Bandwidth 100MHz)	2546.01-2640.00	QPSK	28.79	dBm	/	756.833	mW
		16QAM	27.72	dBm	/	591.562	mW
		64QAM	26.67	dBm	/	464.515	mW
		256QAM	24.53	dBm	/	283.792	mW



Band / Bandwidth	TX Frequency Range (MHz)	Max. EIRP Power					
SCS 30kHz, MIMO							
n41 (Channel Bandwidth 10MHz)	2501.01-2685.00	QPSK	31.64	dBm	/	1458.814	mW
		16QAM	30.78	dBm	/	1196.741	mW
		64QAM	30.19	dBm	/	1044.720	mW
		256QAM	26.36	dBm	/	432.514	mW
n41 (Channel Bandwidth 15MHz)	2503.50-2682.48	QPSK	31.30	dBm	/	1348.963	mW
		16QAM	30.71	dBm	/	1177.606	mW
		64QAM	29.79	dBm	/	952.796	mW
		256QAM	26.43	dBm	/	439.542	mW
n41 (Channel Bandwidth 20MHz)	2506.02-2679.99	QPSK	31.45	dBm	/	1396.368	mW
		16QAM	30.85	dBm	/	1216.186	mW
		64QAM	29.50	dBm	/	891.251	mW
		256QAM	26.47	dBm	/	443.609	mW
n41 (Channel Bandwidth 30MHz)	2511.00-2674.98	QPSK	31.35	dBm	/	1364.583	mW
		16QAM	30.70	dBm	/	1174.898	mW
		64QAM	29.43	dBm	/	877.001	mW
		256QAM	26.31	dBm	/	427.563	mW
n41 (Channel Bandwidth 40MHz)	2516.01-2670.00	QPSK	31.53	dBm	/	1422.329	mW
		16QAM	30.88	dBm	/	1224.616	mW
		64QAM	29.95	dBm	/	988.553	mW
		256QAM	26.47	dBm	/	443.609	mW
n41 (Channel Bandwidth 50MHz)	2521.02-2664.99	QPSK	31.37	dBm	/	1370.882	mW
		16QAM	30.87	dBm	/	1221.800	mW
		64QAM	29.55	dBm	/	901.571	mW
		256QAM	26.43	dBm	/	439.542	mW
n41 (Channel Bandwidth 60MHz)	2526.00-2659.98	QPSK	31.43	dBm	/	1389.953	mW
		16QAM	30.99	dBm	/	1256.030	mW
		64QAM	29.61	dBm	/	914.113	mW
		256QAM	26.60	dBm	/	457.088	mW

Band / Bandwidth	TX Frequency Range (MHz)	Max. EIRP Power					
SCS 30kHz, MIMO							
n41 (Channel Bandwidth 70MHz)	2531.01-2655.00	QPSK	31.47	dBm	/	1402.814	mW
		16QAM	30.98	dBm	/	1253.141	mW
		64QAM	29.73	dBm	/	939.723	mW
		256QAM	26.46	dBm	/	442.588	mW
n41 (Channel Bandwidth 80MHz)	2536.02-2649.99	QPSK	31.44	dBm	/	1393.157	mW
		16QAM	30.85	dBm	/	1216.186	mW
		64QAM	29.31	dBm	/	853.100	mW
		256QAM	26.46	dBm	/	442.588	mW
n41 (Channel Bandwidth 90MHz)	2541.00-2644.98	QPSK	31.42	dBm	/	1386.756	mW
		16QAM	30.77	dBm	/	1193.988	mW
		64QAM	29.75	dBm	/	944.061	mW
		256QAM	26.39	dBm	/	435.512	mW
n41 (Channel Bandwidth 100MHz)	2546.01-2640.00	QPSK	31.42	dBm	/	1386.756	mW
		16QAM	30.92	dBm	/	1235.947	mW
		64QAM	29.63	dBm	/	918.333	mW
		256QAM	26.51	dBm	/	447.713	mW



Band / Bandwidth	TX Frequency Range (MHz)	Max. EIRP Power				
SCS 15kHz						
n66 (Channel Bandwidth 5MHz)	1712.50-1777.50	QPSK	28.06	dBm	/	639.735 mW
		16QAM	27.09	dBm	/	511.682 mW
		64QAM	25.8	dBm	/	380.189 mW
		256QAM	24.22	dBm	/	264.241 mW
n66 (Channel Bandwidth 10MHz)	1715.00-1775.00	QPSK	28.2	dBm	/	660.693 mW
		16QAM	27.17	dBm	/	521.195 mW
		64QAM	25.84	dBm	/	383.707 mW
		256QAM	24.1	dBm	/	257.040 mW
n66 (Channel Bandwidth 15MHz)	1717.50-1772.50	QPSK	28.19	dBm	/	659.174 mW
		16QAM	27.1	dBm	/	512.861 mW
		64QAM	25.8	dBm	/	380.189 mW
		256QAM	24.24	dBm	/	265.461 mW
n66 (Channel Bandwidth 20MHz)	1720.00-1770.00	QPSK	28.27	dBm	/	671.429 mW
		16QAM	27.24	dBm	/	529.663 mW
		64QAM	25.87	dBm	/	386.367 mW
		256QAM	25.86	dBm	/	385.478 mW
n66 (Channel Bandwidth 25MHz)	1722.50-1767.50	QPSK	27.56	dBm	/	570.164 mW
		16QAM	26.55	dBm	/	451.856 mW
		64QAM	25.88	dBm	/	387.258 mW
		256QAM	23.75	dBm	/	237.137 mW
n66 (Channel Bandwidth 30MHz)	1725.00-1765.00	QPSK	28.22	dBm	/	663.743 mW
		16QAM	27.16	dBm	/	519.996 mW
		64QAM	26.68	dBm	/	465.586 mW
		256QAM	25.82	dBm	/	381.944 mW
n66 (Channel Bandwidth 40MHz)	1730.00-1760.00	QPSK	28.28	dBm	/	672.977 mW
		16QAM	27.46	dBm	/	557.186 mW
		64QAM	26.53	dBm	/	449.780 mW
		256QAM	24.33	dBm	/	271.019 mW
SCS 30kHz						
n66 (Channel Bandwidth 40MHz)	1730.00-1760.00	QPSK	27.79	dBm	/	601.174 mW
		16QAM	26.99	dBm	/	500.035 mW
		64QAM	26.08	dBm	/	405.509 mW
		256QAM	23.92	dBm	/	246.604 mW

Band / Bandwidth	TX Frequency Range (MHz)	Max. ERP Power				
SCS 15kHz						
n71 (Channel Bandwidth 5MHz)	665.50-695.50	QPSK	24.32	dBm	/	270.396 mW
		16QAM	23.43	dBm	/	220.293 mW
		64QAM	22.38	dBm	/	172.982 mW
		256QAM	19.98	dBm	/	99.541 mW
n71 (Channel Bandwidth 10MHz)	668.00-693.00	QPSK	24.38	dBm	/	274.157 mW
		16QAM	23.47	dBm	/	222.331 mW
		64QAM	21.82	dBm	/	152.055 mW
		256QAM	19.93	dBm	/	98.401 mW
n71 (Channel Bandwidth 15MHz)	670.50-690.50	QPSK	24.37	dBm	/	273.527 mW
		16QAM	23.44	dBm	/	220.800 mW
		64QAM	22.38	dBm	/	172.982 mW
		256QAM	19.93	dBm	/	98.401 mW
n71 (Channel Bandwidth 20MHz)	673.00-688.00	QPSK	24.46	dBm	/	279.254 mW
		16QAM	23.57	dBm	/	227.510 mW
		64QAM	22.07	dBm	/	161.065 mW
		256QAM	20.07	dBm	/	101.625 mW
SCS 30kHz						
n71 (Channel Bandwidth 20MHz)	673.00-688.00	QPSK	23.97	dBm	/	249.459 mW
		16QAM	23.09	dBm	/	203.704 mW
		64QAM	21.62	dBm	/	145.211 mW
		256QAM	19.66	dBm	/	92.470 mW

6. 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.

7. 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.



Antenna No.	RF Chain No.	Brand	Model	Antenna Net Gain (dBi)	Frequency range	Antenna Type	Connector Type
WWAN Antenna (External)	B71	TAOGLAS	ANT1	0.80	663-698 MHz	PIFA	ipex(MHF)
	B71		ANT2	1.50	663-698 MHz	PIFA	ipex(MHF)
	B71		ANT3	1.90	663-698 MHz	PIFA	ipex(MHF)
	B71		ANT4	1.40	663-698 MHz	PIFA	ipex(MHF)
	B12	TAOGLAS	ANT1	1.20	698-716 MHz	PIFA	ipex(MHF)
	B12		ANT2	1.40	698-716 MHz	PIFA	ipex(MHF)
	B12		ANT3	0.80	698-716 MHz	PIFA	ipex(MHF)
	B12		ANT4	0.80	698-716 MHz	PIFA	ipex(MHF)
	B5	TAOGLAS	ANT1	-1.00	824-849 MHz	PIFA	ipex(MHF)
	B5		ANT2	-1.80	824-849 MHz	PIFA	ipex(MHF)
	B5		ANT3	1.50	824-849 MHz	PIFA	ipex(MHF)
	B5		ANT4	-1.70	824-849 MHz	PIFA	ipex(MHF)
	B4/B66	TAOGLAS	ANT1	4.40	1710-1780 MHz	PIFA	ipex(MHF)
	B4/B66		ANT2	3.70	1710-1780 MHz	PIFA	ipex(MHF)
	B4/B66		ANT3	4.60	1710-1780 MHz	PIFA	ipex(MHF)
	B4/B66		ANT4	3.80	1710-1780 MHz	PIFA	ipex(MHF)
	B2/B25	TAOGLAS	ANT1	4.00	1850-1915 MHz	PIFA	ipex(MHF)
	B2/B25		ANT2	3.50	1850-1915 MHz	PIFA	ipex(MHF)
	B2/B25		ANT3	4.60	1850-1915 MHz	PIFA	ipex(MHF)
	B2/B25		ANT4	3.60	1850-1915 MHz	PIFA	ipex(MHF)
	B41	TAOGLAS	ANT1	3.90	2496-2690 MHz	PIFA	ipex(MHF)
	B41		ANT2	3.80	2496-2690 MHz	PIFA	ipex(MHF)
	B41		ANT3	2.90	2496-2690 MHz	PIFA	ipex(MHF)
	B41		ANT4	4.00	2496-2690 MHz	PIFA	ipex(MHF)
	B48	TAOGLAS	ANT1	2.60	3550-3700 MHz	PIFA	ipex(MHF)
	B48		ANT2	2.30	3550-3700 MHz	PIFA	ipex(MHF)
	B48		ANT3	1.70	3550-3700 MHz	PIFA	ipex(MHF)
	B48		ANT4	2.40	3550-3700 MHz	PIFA	ipex(MHF)
B77	TAOGLAS	ANT1	3.20	3300-4200 MHz	PIFA	ipex(MHF)	
B77		ANT2	2.80	3300-4200 MHz	PIFA	ipex(MHF)	
B77		ANT3	3.80	3300-4200 MHz	PIFA	ipex(MHF)	
B77		ANT4	2.90	3300-4200 MHz	PIFA	ipex(MHF)	

\* 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	QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
	371000 (1855.00 MHz) 376500 (1882.50 MHz) 382000 (1910.00 MHz)	10 MHz	QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
	371500 (1857.50 MHz) 376500 (1882.50 MHz) 381500 (1907.50 MHz)	15 MHz	QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
	372000 (1860.00 MHz) 376500 (1882.50 MHz) 381000 (1905.00 MHz)	20 MHz	QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
	372500 (1862.50 MHz) 376500 (1882.50 MHz) 380500 (1902.50 MHz)	25 MHz	QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
	373000 (1865.00 MHz) 376500 (1882.50 MHz) 380000 (1900.00 MHz)	30 MHz	QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
	374000 (1870.00 MHz) 376500 (1882.50 MHz) 379000 (1895.00 MHz)	40 MHz	QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
	RE Below 1GHz	370500 (1852.50 MHz)	5 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	QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
	500700 (2503.50 MHz) 518598 (2592.99 MHz) 536496 (2682.48 MHz)	15 MHz	QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
	501204 (2506.02 MHz) 518598 (2592.99 MHz) 535998 (2679.99 MHz)	20 MHz	QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
	502200 (2511.00 MHz) 518598 (2592.99 MHz) 534996 (2674.98 MHz)	30 MHz	QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
	503202 (2516.01 MHz) 518598 (2592.99 MHz) 534000 (2670.00 MHz)	40 MHz	QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
	504204 (2521.02 MHz) 518598 (2592.99 MHz) 532998 (2664.99 MHz)	50 MHz	QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
	505200 (2526.00 MHz) 518598 (2592.99 MHz) 531996 (2659.98 MHz)	60 MHz	QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
	506202 (2531.01 MHz) 518598 (2592.99 MHz) 531000 (2655.00 MHz)	70 MHz	QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
	507204 (2536.02 MHz) 518598 (2592.99 MHz) 529998 (2649.99 MHz)	80 MHz	QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
	508200 (2541.00 MHz) 518598 (2592.99 MHz) 528996 (2644.98 MHz)	90 MHz	QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
	509202 (2546.01 MHz) 518598 (2592.99 MHz) 528000 (2640.00 MHz)	100 MHz	QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
	RE Below 1GHz	537000 (2685.00 MHz)	10 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	QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
	343000 (1715.00 MHz) 349000 (1745.00 MHz) 355000 (1775.00 MHz)	10 MHz	QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
	343500 (1717.50 MHz) 349000 (1745.00 MHz) 354500 (1772.50 MHz)	15 MHz	QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
	344000 (1720.00 MHz) 349000 (1745.00 MHz) 354000 (1770.00 MHz)	20 MHz	QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
	344500 (1722.50 MHz) 349000 (1745.00 MHz) 353500 (1767.50 MHz)	25 MHz	QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
	345000 (1725.00 MHz) 349000 (1745.00 MHz) 353000 (1765.00 MHz)	30 MHz	QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
	346000 (1730.00 MHz) 349000 (1745.00 MHz) 352000 (1760.00 MHz)	40 MHz	QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
	RE Below 1GHz	349000 (1745.00 MHz)	20 MHz	QPSK
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

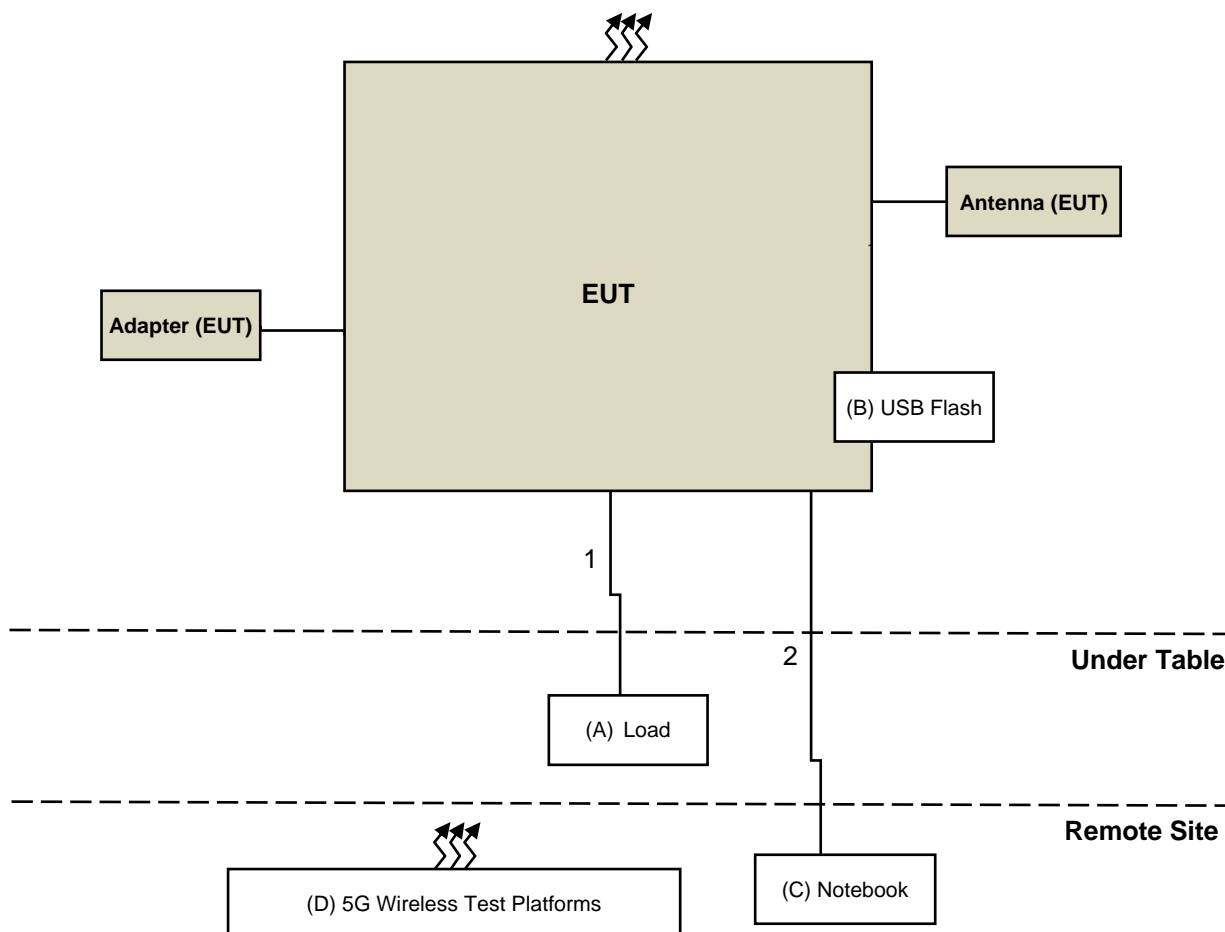
## For NR n71

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

Description Manufacturer	Model No.	Serial No.	Calibrated Date	Calibrated Until
N9030B - PXA Signal Analyzer KEYSIGHT	N9030B	MY57140488	2023/3/6	2024/3/5
5G Wireless Test Platforms Keysight	E7515B	MY59321376	2023/3/13	2024/3/12
Software BV	ADT_RF Test Software V6.6.5.4	N/A	N/A	N/A

Notes:

1. The test was performed in Oven room.
2. Tested Date: 2023/6/2

## 4.2 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	2023/5/3	2024/5/2
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: 2023/5/23 ~ 2023/5/24



### 4.3 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: 2023/5/20

## 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:

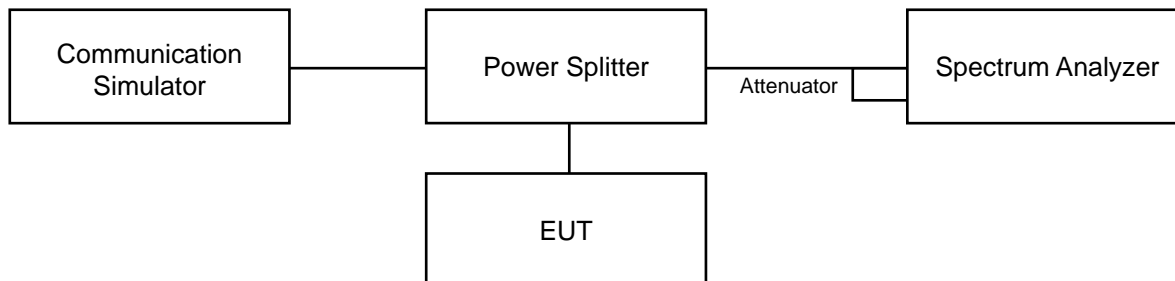
According to FCC 47 CFR part 27.53(g), for operations in the 600 MHz band and the 698-746 MHz band, the power of any emission outside a licensee's frequency band(s) of operation shall be attenuated below the transmitter power (P) within the licensed band(s) of operation, measured in watts, by at least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

## 6 Test Arrangements

### 6.1 Effective Radiated Power and Equivalent Isotropically Radiated Power

#### 6.1.1 Test Setup

##### Conducted Power Measurement:



#### 6.1.2 Test Procedure

##### Conducted Power Measurement:

The EUT is configured by emulator to set data modulation and maximum power using WWAN technology. The power measurement was performed on emulator and power value was measured from power function on emulator. Set the EUT to transmit under low, middle and high channel and record the power level shown on simulator.

Measurement method refers to ANSI C63.26 section 5.2.4.4.

- a. Set span to  $2 \times$  to  $3 \times$  the OBW.
- b. Set RBW = 1% to 5% of the OBW.
- c. Set VBW  $\geq 3 \times$  RBW.
- d. Set number of measurement points in sweep  $\geq 2 \times$  span / RBW.
- e. Set Sweep time = auto-couple.
- f. Detector = power averaging (rms).
- g. Set sweep trigger to "free run."
- h. Trace average at least 100 traces in power averaging (rms) mode.
- i. Compute power by integrating the spectrum across the OBW of the signal using the instrument's band or channel power measurement function with band/channel limits set equal to the OBW band edges.
- j. If Duty cycle < 98%, Add  $10 \log (1/\text{duty cycle})$  to the measured power level to compute the average power during continuous transmission.

##### Maximum EIRP / ERP

The relevant equation for determining the maximum ERP or EIRP from the measured RF output power is given in Equation as follows:

$$\text{EIRP} = P_{\text{Meas}} + G_{\text{T}}$$

$$\text{ERP} = P_{\text{Meas}} + G_{\text{T}} - 2.15$$

where

ERP or EIRP effective radiated power or equivalent isotropically radiated power, respectively

(expressed in the same units as  $P_{\text{Meas}}$ , e.g., dBm or dBW)

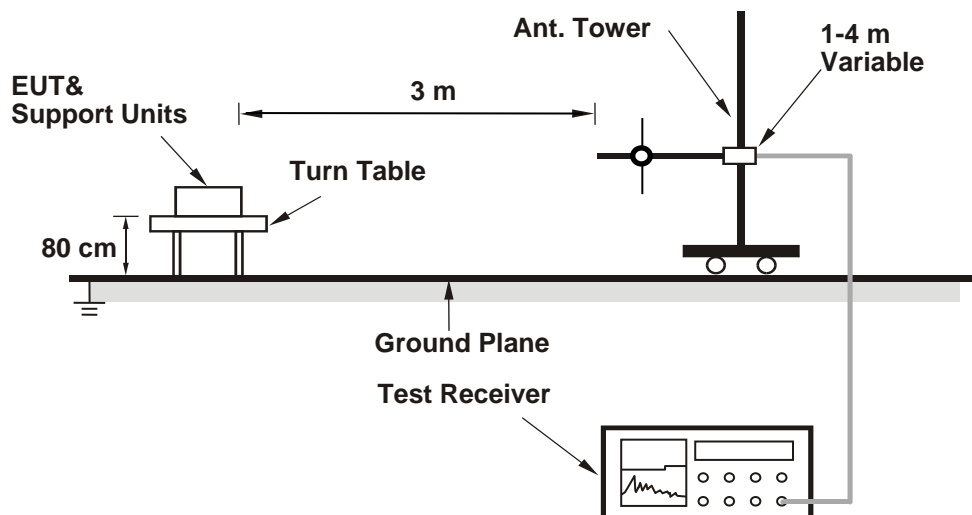
$P_{\text{Meas}}$  measured transmitter output power or PSD, in dBm or dBW

$G_{\text{T}}$  gain of the transmitting antenna, in dBd (ERP) or dBi (EIRP)

## 6.2 Radiated Spurious Emissions below 1GHz

### 6.2.1 Test Setup

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



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

### 6.2.2 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.

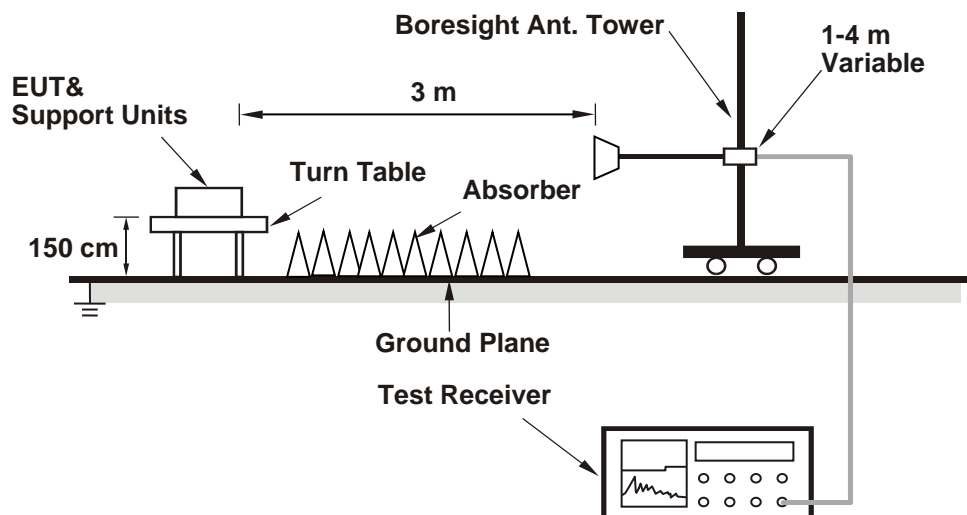
#### Note:

- 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.

## 6.3 Radiated Spurious Emissions above 1GHz

### 6.3.1 Test Setup

#### For radiated emission above 1 GHz



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

### 6.3.2 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 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.
- 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.

## 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, 70% RH	Tested By:	James Yang
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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	23.38	27.98
NR n25	15	5	DFT-QPSK	L	Inner_1RB_Right	23.45	28.05
NR n25	15	5	DFT-QPSK	L	Outer_Full	22.69	27.29
NR n25	15	5	DFT-16QAM	L	Inner_1RB_Left	22.43	27.03
NR n25	15	5	DFT-16QAM	L	Inner_1RB_Right	22.48	27.08
NR n25	15	5	DFT-16QAM	L	Outer_Full	21.69	26.29
NR n25	15	5	DFT-64QAM	L	Inner_1RB_Left	20.58	25.18
NR n25	15	5	DFT-64QAM	L	Inner_1RB_Right	20.66	25.26
NR n25	15	5	DFT-64QAM	L	Outer_Full	21.21	25.81
NR n25	15	5	DFT-256QAM	L	Inner_1RB_Left	19.3	23.9
NR n25	15	5	DFT-256QAM	L	Inner_1RB_Right	19.39	23.99
NR n25	15	5	DFT-256QAM	L	Outer_Full	19	23.6
NR n25	15	5	DFT-QPSK	M	Inner_1RB_Left	23.82	28.42
NR n25	15	5	DFT-QPSK	M	Inner_1RB_Right	23.83	28.43
NR n25	15	5	DFT-QPSK	M	Outer_Full	22.94	27.54
NR n25	15	5	DFT-16QAM	M	Inner_1RB_Left	22.73	27.33
NR n25	15	5	DFT-16QAM	M	Inner_1RB_Right	22.78	27.38
NR n25	15	5	DFT-16QAM	M	Outer_Full	21.95	26.55
NR n25	15	5	DFT-64QAM	M	Inner_1RB_Left	20.88	25.48
NR n25	15	5	DFT-64QAM	M	Inner_1RB_Right	20.9	25.5
NR n25	15	5	DFT-64QAM	M	Outer_Full	21.47	26.07
NR n25	15	5	DFT-256QAM	M	Inner_1RB_Left	19.81	24.41
NR n25	15	5	DFT-256QAM	M	Inner_1RB_Right	19.84	24.44
NR n25	15	5	DFT-256QAM	M	Outer_Full	19.41	24.01
NR n25	15	5	DFT-QPSK	H	Inner_1RB_Left	23.8	28.4
NR n25	15	5	DFT-QPSK	H	Inner_1RB_Right	23.77	28.37
NR n25	15	5	DFT-QPSK	H	Outer_Full	23.12	27.72
NR n25	15	5	DFT-16QAM	H	Inner_1RB_Left	22.84	27.44
NR n25	15	5	DFT-16QAM	H	Inner_1RB_Right	22.84	27.44
NR n25	15	5	DFT-16QAM	H	Outer_Full	22.12	26.72
NR n25	15	5	DFT-64QAM	H	Inner_1RB_Left	21.08	25.68
NR n25	15	5	DFT-64QAM	H	Inner_1RB_Right	20.95	25.55
NR n25	15	5	DFT-64QAM	H	Outer_Full	20.52	25.12
NR n25	15	5	DFT-256QAM	H	Inner_1RB_Left	19.8	24.4
NR n25	15	5	DFT-256QAM	H	Inner_1RB_Right	19.82	24.42
NR n25	15	5	DFT-256QAM	H	Outer_Full	19.39	23.99

Note:

1. 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	23.32	27.92
NR n25	15	10	DFT-QPSK	L	Inner_1RB_Right	23.49	28.09
NR n25	15	10	DFT-QPSK	L	Outer_Full	22.58	27.18
NR n25	15	10	DFT-16QAM	L	Inner_1RB_Left	22.27	26.87
NR n25	15	10	DFT-16QAM	L	Inner_1RB_Right	22.46	27.06
NR n25	15	10	DFT-16QAM	L	Outer_Full	21.52	26.12
NR n25	15	10	DFT-64QAM	L	Inner_1RB_Left	21.52	26.12
NR n25	15	10	DFT-64QAM	L	Inner_1RB_Right	21.61	26.21
NR n25	15	10	DFT-64QAM	L	Outer_Full	21.05	25.65
NR n25	15	10	DFT-256QAM	L	Inner_1RB_Left	19.35	23.95
NR n25	15	10	DFT-256QAM	L	Inner_1RB_Right	19.49	24.09
NR n25	15	10	DFT-256QAM	L	Outer_Full	19.03	23.63
NR n25	15	10	DFT-QPSK	M	Inner_1RB_Left	23.73	28.33
NR n25	15	10	DFT-QPSK	M	Inner_1RB_Right	23.88	28.48
NR n25	15	10	DFT-QPSK	M	Outer_Full	23.1	27.7
NR n25	15	10	DFT-16QAM	M	Inner_1RB_Left	22.83	27.43
NR n25	15	10	DFT-16QAM	M	Inner_1RB_Right	22.97	27.57
NR n25	15	10	DFT-16QAM	M	Outer_Full	22.08	26.68
NR n25	15	10	DFT-64QAM	M	Inner_1RB_Left	21.03	25.63
NR n25	15	10	DFT-64QAM	M	Inner_1RB_Right	21.1	25.7
NR n25	15	10	DFT-64QAM	M	Outer_Full	21.61	26.21
NR n25	15	10	DFT-256QAM	M	Inner_1RB_Left	19.71	24.31
NR n25	15	10	DFT-256QAM	M	Inner_1RB_Right	19.87	24.47
NR n25	15	10	DFT-256QAM	M	Outer_Full	19.44	24.04
NR n25	15	10	DFT-QPSK	H	Inner_1RB_Left	23.75	28.35
NR n25	15	10	DFT-QPSK	H	Inner_1RB_Right	23.86	28.46
NR n25	15	10	DFT-QPSK	H	Outer_Full	23.14	27.74
NR n25	15	10	DFT-16QAM	H	Inner_1RB_Left	22.84	27.44
NR n25	15	10	DFT-16QAM	H	Inner_1RB_Right	22.92	27.52
NR n25	15	10	DFT-16QAM	H	Outer_Full	22.13	26.73
NR n25	15	10	DFT-64QAM	H	Inner_1RB_Left	21.01	25.61
NR n25	15	10	DFT-64QAM	H	Inner_1RB_Right	21.15	25.75
NR n25	15	10	DFT-64QAM	H	Outer_Full	21.65	26.25
NR n25	15	10	DFT-256QAM	H	Inner_1RB_Left	19.8	24.4
NR n25	15	10	DFT-256QAM	H	Inner_1RB_Right	19.92	24.52
NR n25	15	10	DFT-256QAM	H	Outer_Full	19.46	24.06

Note:

1. 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	23.33	27.93
NR n25	15	15	DFT-QPSK	L	Inner_1RB_Right	23.57	28.17
NR n25	15	15	DFT-QPSK	L	Outer_Full	22.77	27.37
NR n25	15	15	DFT-16QAM	L	Inner_1RB_Left	22.49	27.09
NR n25	15	15	DFT-16QAM	L	Inner_1RB_Right	22.71	27.31
NR n25	15	15	DFT-16QAM	L	Outer_Full	21.59	26.19
NR n25	15	15	DFT-64QAM	L	Inner_1RB_Left	20.47	25.07
NR n25	15	15	DFT-64QAM	L	Inner_1RB_Right	20.86	25.46
NR n25	15	15	DFT-64QAM	L	Outer_Full	21.27	25.87
NR n25	15	15	DFT-256QAM	L	Inner_1RB_Left	19.33	23.93
NR n25	15	15	DFT-256QAM	L	Inner_1RB_Right	19.58	24.18
NR n25	15	15	DFT-256QAM	L	Outer_Full	19.1	23.7
NR n25	15	15	DFT-QPSK	M	Inner_1RB_Left	23.7	28.3
NR n25	15	15	DFT-QPSK	M	Inner_1RB_Right	23.96	28.56
NR n25	15	15	DFT-QPSK	M	Outer_Full	23.15	27.75
NR n25	15	15	DFT-16QAM	M	Inner_1RB_Left	22.83	27.43
NR n25	15	15	DFT-16QAM	M	Inner_1RB_Right	23.11	27.71
NR n25	15	15	DFT-16QAM	M	Outer_Full	21.97	26.57
NR n25	15	15	DFT-64QAM	M	Inner_1RB_Left	20.81	25.41
NR n25	15	15	DFT-64QAM	M	Inner_1RB_Right	21.17	25.77
NR n25	15	15	DFT-64QAM	M	Outer_Full	21.5	26.1
NR n25	15	15	DFT-256QAM	M	Inner_1RB_Left	19.69	24.29
NR n25	15	15	DFT-256QAM	M	Inner_1RB_Right	20.09	24.69
NR n25	15	15	DFT-256QAM	M	Outer_Full	19.66	24.26
NR n25	15	15	DFT-QPSK	H	Inner_1RB_Left	23.75	28.35
NR n25	15	15	DFT-QPSK	H	Inner_1RB_Right	23.89	28.49
NR n25	15	15	DFT-QPSK	H	Outer_Full	23.06	27.66
NR n25	15	15	DFT-16QAM	H	Inner_1RB_Left	22.72	27.32
NR n25	15	15	DFT-16QAM	H	Inner_1RB_Right	22.79	27.39
NR n25	15	15	DFT-16QAM	H	Outer_Full	22.05	26.65
NR n25	15	15	DFT-64QAM	H	Inner_1RB_Left	20.87	25.47
NR n25	15	15	DFT-64QAM	H	Inner_1RB_Right	21.1	25.7
NR n25	15	15	DFT-64QAM	H	Outer_Full	21.69	26.29
NR n25	15	15	DFT-256QAM	H	Inner_1RB_Left	19.74	24.34
NR n25	15	15	DFT-256QAM	H	Inner_1RB_Right	19.88	24.48
NR n25	15	15	DFT-256QAM	H	Outer_Full	19.65	24.25

Note:

1. 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	23.52	28.12
NR n25	15	20	DFT-QPSK	L	Inner_1RB_Right	23.81	28.41
NR n25	15	20	DFT-QPSK	L	Outer_Full	22.74	27.34
NR n25	15	20	DFT-16QAM	L	Inner_1RB_Left	22.54	27.14
NR n25	15	20	DFT-16QAM	L	Inner_1RB_Right	22.72	27.32
NR n25	15	20	DFT-16QAM	L	Outer_Full	21.77	26.37
NR n25	15	20	DFT-64QAM	L	Inner_1RB_Left	20.66	25.26
NR n25	15	20	DFT-64QAM	L	Inner_1RB_Right	20.99	25.59
NR n25	15	20	DFT-64QAM	L	Outer_Full	21.29	25.89
NR n25	15	20	DFT-256QAM	L	Inner_1RB_Left	19.53	24.13
NR n25	15	20	DFT-256QAM	L	Inner_1RB_Right	19.87	24.47
NR n25	15	20	DFT-256QAM	L	Outer_Full	19.23	23.83
NR n25	15	20	DFT-QPSK	M	Inner_1RB_Left	23.74	28.34
NR n25	15	20	DFT-QPSK	M	Inner_1RB_Right	23.97	28.57
NR n25	15	20	DFT-QPSK	M	Outer_Full	23.04	27.64
NR n25	15	20	DFT-16QAM	M	Inner_1RB_Left	22.71	27.31
NR n25	15	20	DFT-16QAM	M	Inner_1RB_Right	22.91	27.51
NR n25	15	20	DFT-16QAM	M	Outer_Full	22.07	26.67
NR n25	15	20	DFT-64QAM	M	Inner_1RB_Left	20.93	25.53
NR n25	15	20	DFT-64QAM	M	Inner_1RB_Right	21.12	25.72
NR n25	15	20	DFT-64QAM	M	Outer_Full	21.58	26.18
NR n25	15	20	DFT-256QAM	M	Inner_1RB_Left	19.79	24.39
NR n25	15	20	DFT-256QAM	M	Inner_1RB_Right	19.97	24.57
NR n25	15	20	DFT-256QAM	M	Outer_Full	19.52	24.12
NR n25	15	20	DFT-QPSK	H	Inner_1RB_Left	23.84	28.44
NR n25	15	20	DFT-QPSK	H	Inner_1RB_Right	23.94	28.54
NR n25	15	20	DFT-QPSK	H	Outer_Full	23.08	27.68
NR n25	15	20	DFT-16QAM	H	Inner_1RB_Left	22.8	27.4
NR n25	15	20	DFT-16QAM	H	Inner_1RB_Right	22.89	27.49
NR n25	15	20	DFT-16QAM	H	Outer_Full	22.14	26.74
NR n25	15	20	DFT-64QAM	H	Inner_1RB_Left	20.99	25.59
NR n25	15	20	DFT-64QAM	H	Inner_1RB_Right	21.19	25.79
NR n25	15	20	DFT-64QAM	H	Outer_Full	21.69	26.29
NR n25	15	20	DFT-256QAM	H	Inner_1RB_Left	19.88	24.48
NR n25	15	20	DFT-256QAM	H	Inner_1RB_Right	20	24.6
NR n25	15	20	DFT-256QAM	H	Outer_Full	19.51	24.11

Note:

1. 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	22.88	27.48
NR n25	15	25	DFT-QPSK	L	Inner_1RB_Right	23.26	27.86
NR n25	15	25	DFT-QPSK	L	Outer_Full	22.47	27.07
NR n25	15	25	DFT-16QAM	L	Inner_1RB_Left	21.78	26.38
NR n25	15	25	DFT-16QAM	L	Inner_1RB_Right	22.14	26.74
NR n25	15	25	DFT-16QAM	L	Outer_Full	21.48	26.08
NR n25	15	25	DFT-64QAM	L	Inner_1RB_Left	19.95	24.55
NR n25	15	25	DFT-64QAM	L	Inner_1RB_Right	20.35	24.95
NR n25	15	25	DFT-64QAM	L	Outer_Full	20.96	25.56
NR n25	15	25	DFT-256QAM	L	Inner_1RB_Left	18.91	23.51
NR n25	15	25	DFT-256QAM	L	Inner_1RB_Right	18.77	23.37
NR n25	15	25	DFT-256QAM	L	Outer_Full	18.55	23.15
NR n25	15	25	DFT-QPSK	M	Inner_1RB_Left	23.02	27.62
NR n25	15	25	DFT-QPSK	M	Inner_1RB_Right	23.34	27.94
NR n25	15	25	DFT-QPSK	M	Outer_Full	22.94	27.54
NR n25	15	25	DFT-16QAM	M	Inner_1RB_Left	22.05	26.65
NR n25	15	25	DFT-16QAM	M	Inner_1RB_Right	22.31	26.91
NR n25	15	25	DFT-16QAM	M	Outer_Full	21.84	26.44
NR n25	15	25	DFT-64QAM	M	Inner_1RB_Left	20.15	24.75
NR n25	15	25	DFT-64QAM	M	Inner_1RB_Right	20.38	24.98
NR n25	15	25	DFT-64QAM	M	Outer_Full	21.34	25.94
NR n25	15	25	DFT-256QAM	M	Inner_1RB_Left	19.19	23.79
NR n25	15	25	DFT-256QAM	M	Inner_1RB_Right	19.28	23.88
NR n25	15	25	DFT-256QAM	M	Outer_Full	19.3	23.9
NR n25	15	25	DFT-QPSK	H	Inner_1RB_Left	23.26	27.86
NR n25	15	25	DFT-QPSK	H	Inner_1RB_Right	23.29	27.89
NR n25	15	25	DFT-QPSK	H	Outer_Full	22.8	27.4
NR n25	15	25	DFT-16QAM	H	Inner_1RB_Left	22.2	26.8
NR n25	15	25	DFT-16QAM	H	Inner_1RB_Right	22.17	26.77
NR n25	15	25	DFT-16QAM	H	Outer_Full	21.79	26.39
NR n25	15	25	DFT-64QAM	H	Inner_1RB_Left	20.37	24.97
NR n25	15	25	DFT-64QAM	H	Inner_1RB_Right	20.42	25.02
NR n25	15	25	DFT-64QAM	H	Outer_Full	21.25	25.85
NR n25	15	25	DFT-256QAM	H	Inner_1RB_Left	19.29	23.89
NR n25	15	25	DFT-256QAM	H	Inner_1RB_Right	19.35	23.95
NR n25	15	25	DFT-256QAM	H	Outer_Full	19.26	23.86

Note:

1. 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	23.48	28.08
NR n25	15	30	DFT-QPSK	L	Inner_1RB_Right	23.96	28.56
NR n25	15	30	DFT-QPSK	L	Outer_Full	22.82	27.42
NR n25	15	30	DFT-16QAM	L	Inner_1RB_Left	22.45	27.05
NR n25	15	30	DFT-16QAM	L	Inner_1RB_Right	22.92	27.52
NR n25	15	30	DFT-16QAM	L	Outer_Full	21.79	26.39
NR n25	15	30	DFT-64QAM	L	Inner_1RB_Left	20.63	25.23
NR n25	15	30	DFT-64QAM	L	Inner_1RB_Right	21.1	25.7
NR n25	15	30	DFT-64QAM	L	Outer_Full	21.4	26
NR n25	15	30	DFT-256QAM	L	Inner_1RB_Left	19.5	24.1
NR n25	15	30	DFT-256QAM	L	Inner_1RB_Right	19.99	24.59
NR n25	15	30	DFT-256QAM	L	Outer_Full	19.37	23.97
NR n25	15	30	DFT-QPSK	M	Inner_1RB_Left	23.66	28.26
NR n25	15	30	DFT-QPSK	M	Inner_1RB_Right	23.97	28.57
NR n25	15	30	DFT-QPSK	M	Outer_Full	23.05	27.65
NR n25	15	30	DFT-16QAM	M	Inner_1RB_Left	22.62	27.22
NR n25	15	30	DFT-16QAM	M	Inner_1RB_Right	22.91	27.51
NR n25	15	30	DFT-16QAM	M	Outer_Full	22.02	26.62
NR n25	15	30	DFT-64QAM	M	Inner_1RB_Left	20.77	25.37
NR n25	15	30	DFT-64QAM	M	Inner_1RB_Right	21.11	25.71
NR n25	15	30	DFT-64QAM	M	Outer_Full	21.57	26.17
NR n25	15	30	DFT-256QAM	M	Inner_1RB_Left	19.69	24.29
NR n25	15	30	DFT-256QAM	M	Inner_1RB_Right	20.04	24.64
NR n25	15	30	DFT-256QAM	M	Outer_Full	19.51	24.11
NR n25	15	30	DFT-QPSK	H	Inner_1RB_Left	23.85	28.45
NR n25	15	30	DFT-QPSK	H	Inner_1RB_Right	23.92	28.52
NR n25	15	30	DFT-QPSK	H	Outer_Full	23.04	27.64
NR n25	15	30	DFT-16QAM	H	Inner_1RB_Left	22.76	27.36
NR n25	15	30	DFT-16QAM	H	Inner_1RB_Right	22.89	27.49
NR n25	15	30	DFT-16QAM	H	Outer_Full	22	26.6
NR n25	15	30	DFT-64QAM	H	Inner_1RB_Left	20.94	25.54
NR n25	15	30	DFT-64QAM	H	Inner_1RB_Right	21.14	25.74
NR n25	15	30	DFT-64QAM	H	Outer_Full	21.63	26.23
NR n25	15	30	DFT-256QAM	H	Inner_1RB_Left	19.87	24.47
NR n25	15	30	DFT-256QAM	H	Inner_1RB_Right	20.02	24.62
NR n25	15	30	DFT-256QAM	H	Outer_Full	19.58	24.18

Note:

1. 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	23.17	27.77
NR n25	15	40	DFT-QPSK	L	Inner_1RB_Right	24.13	28.73
NR n25	15	40	DFT-QPSK	L	Outer_Full	22.94	27.54
NR n25	15	40	DFT-16QAM	L	Inner_1RB_Left	22.65	27.25
NR n25	15	40	DFT-16QAM	L	Inner_1RB_Right	23.17	27.77
NR n25	15	40	DFT-16QAM	L	Outer_Full	20.33	24.93
NR n25	15	40	DFT-64QAM	L	Inner_1RB_Left	20.23	24.83
NR n25	15	40	DFT-64QAM	L	Inner_1RB_Right	21.38	25.98
NR n25	15	40	DFT-64QAM	L	Outer_Full	20.5	25.1
NR n25	15	40	DFT-256QAM	L	Inner_1RB_Left	19.25	23.85
NR n25	15	40	DFT-256QAM	L	Inner_1RB_Right	19.7	24.3
NR n25	15	40	DFT-256QAM	L	Outer_Full	19.32	23.92
NR n25	15	40	DFT-QPSK	M	Inner_1RB_Left	23.68	28.28
NR n25	15	40	DFT-QPSK	M	Inner_1RB_Right	24.04	28.64
NR n25	15	40	DFT-QPSK	M	Outer_Full	23.06	27.66
NR n25	15	40	DFT-16QAM	M	Inner_1RB_Left	22.61	27.21
NR n25	15	40	DFT-16QAM	M	Inner_1RB_Right	23.02	27.62
NR n25	15	40	DFT-16QAM	M	Outer_Full	22.14	26.74
NR n25	15	40	DFT-64QAM	M	Inner_1RB_Left	20.76	25.36
NR n25	15	40	DFT-64QAM	M	Inner_1RB_Right	21.18	25.78
NR n25	15	40	DFT-64QAM	M	Outer_Full	21.61	26.21
NR n25	15	40	DFT-256QAM	M	Inner_1RB_Left	19.74	24.34
NR n25	15	40	DFT-256QAM	M	Inner_1RB_Right	20.14	24.74
NR n25	15	40	DFT-256QAM	M	Outer_Full	19.6	24.2
NR n25	15	40	DFT-QPSK	H	Inner_1RB_Left	23.87	28.47
NR n25	15	40	DFT-QPSK	H	Inner_1RB_Right	24.03	28.63
NR n25	15	40	DFT-QPSK	H	Outer_Full	23.04	27.64
NR n25	15	40	DFT-16QAM	H	Inner_1RB_Left	22.95	27.55
NR n25	15	40	DFT-16QAM	H	Inner_1RB_Right	23.02	27.62
NR n25	15	40	DFT-16QAM	H	Outer_Full	22.12	26.72
NR n25	15	40	DFT-64QAM	H	Inner_1RB_Left	21.14	25.74
NR n25	15	40	DFT-64QAM	H	Inner_1RB_Right	21.36	25.96
NR n25	15	40	DFT-64QAM	H	Outer_Full	21.48	26.08
NR n25	15	40	DFT-256QAM	H	Inner_1RB_Left	19.89	24.49
NR n25	15	40	DFT-256QAM	H	Inner_1RB_Right	20.11	24.71
NR n25	15	40	DFT-256QAM	H	Outer_Full	19.46	24.06

Note:

1. 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	23.15	27.75
NR n25	30	40	DFT-QPSK	L	Inner_1RB_Right	24.11	28.71
NR n25	30	40	DFT-QPSK	L	Outer_Full	22.92	27.52
NR n25	30	40	DFT-16QAM	L	Inner_1RB_Left	22.63	27.23
NR n25	30	40	DFT-16QAM	L	Inner_1RB_Right	23.15	27.75
NR n25	30	40	DFT-16QAM	L	Outer_Full	20.31	24.91
NR n25	30	40	DFT-64QAM	L	Inner_1RB_Left	20.21	24.81
NR n25	30	40	DFT-64QAM	L	Inner_1RB_Right	21.36	25.96
NR n25	30	40	DFT-64QAM	L	Outer_Full	20.48	25.08
NR n25	30	40	DFT-256QAM	L	Inner_1RB_Left	19.23	23.83
NR n25	30	40	DFT-256QAM	L	Inner_1RB_Right	19.68	24.28
NR n25	30	40	DFT-256QAM	L	Outer_Full	19.3	23.9
NR n25	30	40	DFT-QPSK	M	Inner_1RB_Left	23.66	28.26
NR n25	30	40	DFT-QPSK	M	Inner_1RB_Right	24.02	28.62
NR n25	30	40	DFT-QPSK	M	Outer_Full	23.04	27.64
NR n25	30	40	DFT-16QAM	M	Inner_1RB_Left	22.59	27.19
NR n25	30	40	DFT-16QAM	M	Inner_1RB_Right	23	27.6
NR n25	30	40	DFT-16QAM	M	Outer_Full	22.12	26.72
NR n25	30	40	DFT-64QAM	M	Inner_1RB_Left	20.74	25.34
NR n25	30	40	DFT-64QAM	M	Inner_1RB_Right	21.16	25.76
NR n25	30	40	DFT-64QAM	M	Outer_Full	21.59	26.19
NR n25	30	40	DFT-256QAM	M	Inner_1RB_Left	19.72	24.32
NR n25	30	40	DFT-256QAM	M	Inner_1RB_Right	20.12	24.72
NR n25	30	40	DFT-256QAM	M	Outer_Full	19.58	24.18
NR n25	30	40	DFT-QPSK	H	Inner_1RB_Left	23.85	28.45
NR n25	30	40	DFT-QPSK	H	Inner_1RB_Right	24.01	28.61
NR n25	30	40	DFT-QPSK	H	Outer_Full	23.02	27.62
NR n25	30	40	DFT-16QAM	H	Inner_1RB_Left	22.93	27.53
NR n25	30	40	DFT-16QAM	H	Inner_1RB_Right	23	27.6
NR n25	30	40	DFT-16QAM	H	Outer_Full	22.1	26.7
NR n25	30	40	DFT-64QAM	H	Inner_1RB_Left	21.12	25.72
NR n25	30	40	DFT-64QAM	H	Inner_1RB_Right	21.34	25.94
NR n25	30	40	DFT-64QAM	H	Outer_Full	21.46	26.06
NR n25	30	40	DFT-256QAM	H	Inner_1RB_Left	19.87	24.47
NR n25	30	40	DFT-256QAM	H	Inner_1RB_Right	20.09	24.69
NR n25	30	40	DFT-256QAM	H	Outer_Full	19.44	24.04

Note:

1. 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	24.07	28.07
NR n41	15	50	DFT-QPSK	L	Inner_1RB_Right	23.97	27.97
NR n41	15	50	DFT-QPSK	L	Outer_Full	23.52	27.52
NR n41	15	50	DFT-16QAM	L	Inner_1RB_Left	23.19	27.19
NR n41	15	50	DFT-16QAM	L	Inner_1RB_Right	23.17	27.17
NR n41	15	50	DFT-16QAM	L	Outer_Full	22.5	26.5
NR n41	15	50	DFT-64QAM	L	Inner_1RB_Left	22.08	26.08
NR n41	15	50	DFT-64QAM	L	Inner_1RB_Right	21.76	25.76
NR n41	15	50	DFT-64QAM	L	Outer_Full	21.99	25.99
NR n41	15	50	DFT-256QAM	L	Inner_1RB_Left	19.96	23.96
NR n41	15	50	DFT-256QAM	L	Inner_1RB_Right	19.67	23.67
NR n41	15	50	DFT-256QAM	L	Outer_Full	19.97	23.97
NR n41	15	50	DFT-QPSK	M	Inner_1RB_Left	23.95	27.95
NR n41	15	50	DFT-QPSK	M	Inner_1RB_Right	24.23	28.23
NR n41	15	50	DFT-QPSK	M	Outer_Full	23.19	27.19
NR n41	15	50	DFT-16QAM	M	Inner_1RB_Left	22.83	26.83
NR n41	15	50	DFT-16QAM	M	Inner_1RB_Right	23.23	27.23
NR n41	15	50	DFT-16QAM	M	Outer_Full	22.21	26.21
NR n41	15	50	DFT-64QAM	M	Inner_1RB_Left	21.87	25.87
NR n41	15	50	DFT-64QAM	M	Inner_1RB_Right	22.02	26.02
NR n41	15	50	DFT-64QAM	M	Outer_Full	21.71	25.71
NR n41	15	50	DFT-256QAM	M	Inner_1RB_Left	19.69	23.69
NR n41	15	50	DFT-256QAM	M	Inner_1RB_Right	19.91	23.91
NR n41	15	50	DFT-256QAM	M	Outer_Full	19.72	23.72
NR n41	15	50	DFT-QPSK	H	Inner_1RB_Left	23.65	27.65
NR n41	15	50	DFT-QPSK	H	Inner_1RB_Right	24.27	28.27
NR n41	15	50	DFT-QPSK	H	Outer_Full	23.18	27.18
NR n41	15	50	DFT-16QAM	H	Inner_1RB_Left	22.58	26.58
NR n41	15	50	DFT-16QAM	H	Inner_1RB_Right	23.17	27.17
NR n41	15	50	DFT-16QAM	H	Outer_Full	22.2	26.2
NR n41	15	50	DFT-64QAM	H	Inner_1RB_Left	21.46	25.46
NR n41	15	50	DFT-64QAM	H	Inner_1RB_Right	22.2	26.2
NR n41	15	50	DFT-64QAM	H	Outer_Full	21.7	25.7
NR n41	15	50	DFT-256QAM	H	Inner_1RB_Left	19.37	23.37
NR n41	15	50	DFT-256QAM	H	Inner_1RB_Right	20.1	24.1
NR n41	15	50	DFT-256QAM	H	Outer_Full	19.69	23.69

Note:

1. 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	24.21	23.56	26.91	30.91
NR n41	15	50	DFT-QPSK	L	Inner_1RB_Right	24.22	23.96	27.10	31.10
NR n41	15	50	DFT-QPSK	L	Outer_Full	22.93	21.95	25.48	29.48
NR n41	15	50	DFT-16QAM	L	Inner_1RB_Left	23.74	23.06	26.42	30.42
NR n41	15	50	DFT-16QAM	L	Inner_1RB_Right	23.96	23.36	26.68	30.68
NR n41	15	50	DFT-16QAM	L	Outer_Full	22.94	21.99	25.50	29.50
NR n41	15	50	DFT-64QAM	L	Inner_1RB_Left	22.76	21.64	25.25	29.25
NR n41	15	50	DFT-64QAM	L	Inner_1RB_Right	22.29	21.99	25.15	29.15
NR n41	15	50	DFT-64QAM	L	Outer_Full	22.48	21.52	25.04	29.04
NR n41	15	50	DFT-256QAM	L	Inner_1RB_Left	19.48	18.45	22.01	26.01
NR n41	15	50	DFT-256QAM	L	Inner_1RB_Right	19.12	18.84	21.99	25.99
NR n41	15	50	DFT-256QAM	L	Outer_Full	19.41	18.47	21.98	25.98
NR n41	15	50	DFT-QPSK	M	Inner_1RB_Left	24.03	23.47	26.77	30.77
NR n41	15	50	DFT-QPSK	M	Inner_1RB_Right	24.18	24.62	27.42	31.42
NR n41	15	50	DFT-QPSK	M	Outer_Full	22.81	22.53	25.68	29.68
NR n41	15	50	DFT-16QAM	M	Inner_1RB_Left	23.12	23.32	26.23	30.23
NR n41	15	50	DFT-16QAM	M	Inner_1RB_Right	23.84	23.98	26.92	30.92
NR n41	15	50	DFT-16QAM	M	Outer_Full	23.45	23.32	26.40	30.40
NR n41	15	50	DFT-64QAM	M	Inner_1RB_Left	22.38	21.58	25.01	29.01
NR n41	15	50	DFT-64QAM	M	Inner_1RB_Right	22.53	22.7	25.63	29.63
NR n41	15	50	DFT-64QAM	M	Outer_Full	21.65	21.42	24.55	28.55
NR n41	15	50	DFT-256QAM	M	Inner_1RB_Left	19.3	19.22	22.27	26.27
NR n41	15	50	DFT-256QAM	M	Inner_1RB_Right	19.32	19.25	22.30	26.30
NR n41	15	50	DFT-256QAM	M	Outer_Full	19.12	19.24	22.19	26.19
NR n41	15	50	DFT-QPSK	H	Inner_1RB_Left	23.93	23.32	26.65	30.65
NR n41	15	50	DFT-QPSK	H	Inner_1RB_Right	24.4	24.33	27.38	31.38
NR n41	15	50	DFT-QPSK	H	Outer_Full	22.76	22.72	25.75	29.75
NR n41	15	50	DFT-16QAM	H	Inner_1RB_Left	23.62	22.69	26.19	30.19
NR n41	15	50	DFT-16QAM	H	Inner_1RB_Right	23.87	23.56	26.73	30.73
NR n41	15	50	DFT-16QAM	H	Outer_Full	22.78	22.71	25.76	29.76
NR n41	15	50	DFT-64QAM	H	Inner_1RB_Left	22.22	21.51	24.89	28.89
NR n41	15	50	DFT-64QAM	H	Inner_1RB_Right	22.57	22.46	25.53	29.53
NR n41	15	50	DFT-64QAM	H	Outer_Full	22.32	22.26	25.30	29.30
NR n41	15	50	DFT-256QAM	H	Inner_1RB_Left	19.18	18.36	21.80	25.80
NR n41	15	50	DFT-256QAM	H	Inner_1RB_Right	19.68	19.32	22.51	26.51
NR n41	15	50	DFT-256QAM	H	Outer_Full	19.25	19.25	22.26	26.26

Note:

1. 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	24.91	28.91
NR n41	30	10	DFT-QPSK	L	Inner_1RB_Right	25.03	29.03
NR n41	30	10	DFT-QPSK	L	Outer_Full	24.22	28.22
NR n41	30	10	DFT-16QAM	L	Inner_1RB_Left	24.01	28.01
NR n41	30	10	DFT-16QAM	L	Inner_1RB_Right	23.95	27.95
NR n41	30	10	DFT-16QAM	L	Outer_Full	23.22	27.22
NR n41	30	10	DFT-64QAM	L	Inner_1RB_Left	22.8	26.8
NR n41	30	10	DFT-64QAM	L	Inner_1RB_Right	22.96	26.96
NR n41	30	10	DFT-64QAM	L	Outer_Full	22.8	26.8
NR n41	30	10	DFT-256QAM	L	Inner_1RB_Left	20.59	24.59
NR n41	30	10	DFT-256QAM	L	Inner_1RB_Right	20.87	24.87
NR n41	30	10	DFT-256QAM	L	Outer_Full	20.74	24.74
NR n41	30	10	DFT-QPSK	M	Inner_1RB_Left	24.51	28.51
NR n41	30	10	DFT-QPSK	M	Inner_1RB_Right	24.39	28.39
NR n41	30	10	DFT-QPSK	M	Outer_Full	23.6	27.6
NR n41	30	10	DFT-16QAM	M	Inner_1RB_Left	23.47	27.47
NR n41	30	10	DFT-16QAM	M	Inner_1RB_Right	23.51	27.51
NR n41	30	10	DFT-16QAM	M	Outer_Full	22.59	26.59
NR n41	30	10	DFT-64QAM	M	Inner_1RB_Left	22.31	26.31
NR n41	30	10	DFT-64QAM	M	Inner_1RB_Right	22.1	26.1
NR n41	30	10	DFT-64QAM	M	Outer_Full	22.12	26.12
NR n41	30	10	DFT-256QAM	M	Inner_1RB_Left	20.15	24.15
NR n41	30	10	DFT-256QAM	M	Inner_1RB_Right	20.12	24.12
NR n41	30	10	DFT-256QAM	M	Outer_Full	20.09	24.09
NR n41	30	10	DFT-QPSK	H	Inner_1RB_Left	24.65	28.65
NR n41	30	10	DFT-QPSK	H	Inner_1RB_Right	24.68	28.68
NR n41	30	10	DFT-QPSK	H	Outer_Full	23.82	27.82
NR n41	30	10	DFT-16QAM	H	Inner_1RB_Left	23.54	27.54
NR n41	30	10	DFT-16QAM	H	Inner_1RB_Right	23.64	27.64
NR n41	30	10	DFT-16QAM	H	Outer_Full	22.82	26.82
NR n41	30	10	DFT-64QAM	H	Inner_1RB_Left	22.49	26.49
NR n41	30	10	DFT-64QAM	H	Inner_1RB_Right	22.58	26.58
NR n41	30	10	DFT-64QAM	H	Outer_Full	22.42	26.42
NR n41	30	10	DFT-256QAM	H	Inner_1RB_Left	20.28	24.28
NR n41	30	10	DFT-256QAM	H	Inner_1RB_Right	20.42	24.42
NR n41	30	10	DFT-256QAM	H	Outer_Full	20.36	24.36

Note:

1. 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	25	29
NR n41	30	15	DFT-QPSK	L	Inner_1RB_Right	25.18	29.18
NR n41	30	15	DFT-QPSK	L	Outer_Full	24.3	28.3
NR n41	30	15	DFT-16QAM	L	Inner_1RB_Left	23.91	27.91
NR n41	30	15	DFT-16QAM	L	Inner_1RB_Right	24.03	28.03
NR n41	30	15	DFT-16QAM	L	Outer_Full	23.33	27.33
NR n41	30	15	DFT-64QAM	L	Inner_1RB_Left	22.81	26.81
NR n41	30	15	DFT-64QAM	L	Inner_1RB_Right	23	27
NR n41	30	15	DFT-64QAM	L	Outer_Full	22.83	26.83
NR n41	30	15	DFT-256QAM	L	Inner_1RB_Left	20.72	24.72
NR n41	30	15	DFT-256QAM	L	Inner_1RB_Right	20.71	24.71
NR n41	30	15	DFT-256QAM	L	Outer_Full	20.75	24.75
NR n41	30	15	DFT-QPSK	M	Inner_1RB_Left	24.59	28.59
NR n41	30	15	DFT-QPSK	M	Inner_1RB_Right	24.35	28.35
NR n41	30	15	DFT-QPSK	M	Outer_Full	23.59	27.59
NR n41	30	15	DFT-16QAM	M	Inner_1RB_Left	23.7	27.7
NR n41	30	15	DFT-16QAM	M	Inner_1RB_Right	23.46	27.46
NR n41	30	15	DFT-16QAM	M	Outer_Full	22.61	26.61
NR n41	30	15	DFT-64QAM	M	Inner_1RB_Left	22.34	26.34
NR n41	30	15	DFT-64QAM	M	Inner_1RB_Right	22.1	26.1
NR n41	30	15	DFT-64QAM	M	Outer_Full	22.15	26.15
NR n41	30	15	DFT-256QAM	M	Inner_1RB_Left	20.18	24.18
NR n41	30	15	DFT-256QAM	M	Inner_1RB_Right	19.95	23.95
NR n41	30	15	DFT-256QAM	M	Outer_Full	20.14	24.14
NR n41	30	15	DFT-QPSK	H	Inner_1RB_Left	24.65	28.65
NR n41	30	15	DFT-QPSK	H	Inner_1RB_Right	24.63	28.63
NR n41	30	15	DFT-QPSK	H	Outer_Full	23.8	27.8
NR n41	30	15	DFT-16QAM	H	Inner_1RB_Left	23.49	27.49
NR n41	30	15	DFT-16QAM	H	Inner_1RB_Right	23.57	27.57
NR n41	30	15	DFT-16QAM	H	Outer_Full	22.84	26.84
NR n41	30	15	DFT-64QAM	H	Inner_1RB_Left	22.5	26.5
NR n41	30	15	DFT-64QAM	H	Inner_1RB_Right	22.53	26.53
NR n41	30	15	DFT-64QAM	H	Outer_Full	22.38	26.38
NR n41	30	15	DFT-256QAM	H	Inner_1RB_Left	20.28	24.28
NR n41	30	15	DFT-256QAM	H	Inner_1RB_Right	20.33	24.33
NR n41	30	15	DFT-256QAM	H	Outer_Full	20.33	24.33

Note:

1. 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	24.93	28.93
NR n41	30	20	DFT-QPSK	L	Inner_1RB_Right	25.09	29.09
NR n41	30	20	DFT-QPSK	L	Outer_Full	24.22	28.22
NR n41	30	20	DFT-16QAM	L	Inner_1RB_Left	24	28
NR n41	30	20	DFT-16QAM	L	Inner_1RB_Right	24.03	28.03
NR n41	30	20	DFT-16QAM	L	Outer_Full	23.34	27.34
NR n41	30	20	DFT-64QAM	L	Inner_1RB_Left	22.85	26.85
NR n41	30	20	DFT-64QAM	L	Inner_1RB_Right	23.07	27.07
NR n41	30	20	DFT-64QAM	L	Outer_Full	22.78	26.78
NR n41	30	20	DFT-256QAM	L	Inner_1RB_Left	22.74	26.74
NR n41	30	20	DFT-256QAM	L	Inner_1RB_Right	20.91	24.91
NR n41	30	20	DFT-256QAM	L	Outer_Full	20.78	24.78
NR n41	30	20	DFT-QPSK	M	Inner_1RB_Left	24.59	28.59
NR n41	30	20	DFT-QPSK	M	Inner_1RB_Right	24.34	28.34
NR n41	30	20	DFT-QPSK	M	Outer_Full	23.6	27.6
NR n41	30	20	DFT-16QAM	M	Inner_1RB_Left	23.81	27.81
NR n41	30	20	DFT-16QAM	M	Inner_1RB_Right	23.51	27.51
NR n41	30	20	DFT-16QAM	M	Outer_Full	22.69	26.69
NR n41	30	20	DFT-64QAM	M	Inner_1RB_Left	22.45	26.45
NR n41	30	20	DFT-64QAM	M	Inner_1RB_Right	22.13	26.13
NR n41	30	20	DFT-64QAM	M	Outer_Full	22.14	26.14
NR n41	30	20	DFT-256QAM	M	Inner_1RB_Left	20.29	24.29
NR n41	30	20	DFT-256QAM	M	Inner_1RB_Right	19.96	23.96
NR n41	30	20	DFT-256QAM	M	Outer_Full	20.15	24.15
NR n41	30	20	DFT-QPSK	H	Inner_1RB_Left	24.55	28.55
NR n41	30	20	DFT-QPSK	H	Inner_1RB_Right	24.66	28.66
NR n41	30	20	DFT-QPSK	H	Outer_Full	23.38	27.38
NR n41	30	20	DFT-16QAM	H	Inner_1RB_Left	23.67	27.67
NR n41	30	20	DFT-16QAM	H	Inner_1RB_Right	23.77	27.77
NR n41	30	20	DFT-16QAM	H	Outer_Full	22.96	26.96
NR n41	30	20	DFT-64QAM	H	Inner_1RB_Left	22.81	26.81
NR n41	30	20	DFT-64QAM	H	Inner_1RB_Right	22.95	26.95
NR n41	30	20	DFT-64QAM	H	Outer_Full	22.41	26.41
NR n41	30	20	DFT-256QAM	H	Inner_1RB_Left	22.4	26.4
NR n41	30	20	DFT-256QAM	H	Inner_1RB_Right	20.5	24.5
NR n41	30	20	DFT-256QAM	H	Outer_Full	20.43	24.43

Note:

1. 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	24.87	28.87
NR n41	30	30	DFT-QPSK	L	Inner_1RB_Right	25.13	29.13
NR n41	30	30	DFT-QPSK	L	Outer_Full	24.19	28.19
NR n41	30	30	DFT-16QAM	L	Inner_1RB_Left	23.92	27.92
NR n41	30	30	DFT-16QAM	L	Inner_1RB_Right	24.2	28.2
NR n41	30	30	DFT-16QAM	L	Outer_Full	23.3	27.3
NR n41	30	30	DFT-64QAM	L	Inner_1RB_Left	23.14	27.14
NR n41	30	30	DFT-64QAM	L	Inner_1RB_Right	23.03	27.03
NR n41	30	30	DFT-64QAM	L	Outer_Full	22.75	26.75
NR n41	30	30	DFT-256QAM	L	Inner_1RB_Left	20.71	24.71
NR n41	30	30	DFT-256QAM	L	Inner_1RB_Right	20.77	24.77
NR n41	30	30	DFT-256QAM	L	Outer_Full	20.73	24.73
NR n41	30	30	DFT-QPSK	M	Inner_1RB_Left	24.54	28.54
NR n41	30	30	DFT-QPSK	M	Inner_1RB_Right	24.38	28.38
NR n41	30	30	DFT-QPSK	M	Outer_Full	23.55	27.55
NR n41	30	30	DFT-16QAM	M	Inner_1RB_Left	23.75	27.75
NR n41	30	30	DFT-16QAM	M	Inner_1RB_Right	23.35	27.35
NR n41	30	30	DFT-16QAM	M	Outer_Full	22.63	26.63
NR n41	30	30	DFT-64QAM	M	Inner_1RB_Left	22.36	26.36
NR n41	30	30	DFT-64QAM	M	Inner_1RB_Right	22.19	26.19
NR n41	30	30	DFT-64QAM	M	Outer_Full	22.11	26.11
NR n41	30	30	DFT-256QAM	M	Inner_1RB_Left	20.18	24.18
NR n41	30	30	DFT-256QAM	M	Inner_1RB_Right	20.22	24.22
NR n41	30	30	DFT-256QAM	M	Outer_Full	20.1	24.1
NR n41	30	30	DFT-QPSK	H	Inner_1RB_Left	24.58	28.58
NR n41	30	30	DFT-QPSK	H	Inner_1RB_Right	24.69	28.69
NR n41	30	30	DFT-QPSK	H	Outer_Full	23.72	27.72
NR n41	30	30	DFT-16QAM	H	Inner_1RB_Left	23.44	27.44
NR n41	30	30	DFT-16QAM	H	Inner_1RB_Right	23.5	27.5
NR n41	30	30	DFT-16QAM	H	Outer_Full	22.75	26.75
NR n41	30	30	DFT-64QAM	H	Inner_1RB_Left	22.35	26.35
NR n41	30	30	DFT-64QAM	H	Inner_1RB_Right	22.52	26.52
NR n41	30	30	DFT-64QAM	H	Outer_Full	22.23	26.23
NR n41	30	30	DFT-256QAM	H	Inner_1RB_Left	20.2	24.2
NR n41	30	30	DFT-256QAM	H	Inner_1RB_Right	20.53	24.53
NR n41	30	30	DFT-256QAM	H	Outer_Full	20.2	24.2

Note:

1. 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	24.96	28.96
NR n41	30	40	DFT-QPSK	L	Inner_1RB_Right	25.1	29.1
NR n41	30	40	DFT-QPSK	L	Outer_Full	24.14	28.14
NR n41	30	40	DFT-16QAM	L	Inner_1RB_Left	23.93	27.93
NR n41	30	40	DFT-16QAM	L	Inner_1RB_Right	23.88	27.88
NR n41	30	40	DFT-16QAM	L	Outer_Full	23.26	27.26
NR n41	30	40	DFT-64QAM	L	Inner_1RB_Left	22.87	26.87
NR n41	30	40	DFT-64QAM	L	Inner_1RB_Right	23.05	27.05
NR n41	30	40	DFT-64QAM	L	Outer_Full	22.78	26.78
NR n41	30	40	DFT-256QAM	L	Inner_1RB_Left	20.65	24.65
NR n41	30	40	DFT-256QAM	L	Inner_1RB_Right	20.79	24.79
NR n41	30	40	DFT-256QAM	L	Outer_Full	20.74	24.74
NR n41	30	40	DFT-QPSK	M	Inner_1RB_Left	24.59	28.59
NR n41	30	40	DFT-QPSK	M	Inner_1RB_Right	24.45	28.45
NR n41	30	40	DFT-QPSK	M	Outer_Full	23.53	27.53
NR n41	30	40	DFT-16QAM	M	Inner_1RB_Left	23.67	27.67
NR n41	30	40	DFT-16QAM	M	Inner_1RB_Right	23.56	27.56
NR n41	30	40	DFT-16QAM	M	Outer_Full	22.52	26.52
NR n41	30	40	DFT-64QAM	M	Inner_1RB_Left	22.33	26.33
NR n41	30	40	DFT-64QAM	M	Inner_1RB_Right	22.26	26.26
NR n41	30	40	DFT-64QAM	M	Outer_Full	22.05	26.05
NR n41	30	40	DFT-256QAM	M	Inner_1RB_Left	20.18	24.18
NR n41	30	40	DFT-256QAM	M	Inner_1RB_Right	20.23	24.23
NR n41	30	40	DFT-256QAM	M	Outer_Full	20.02	24.02
NR n41	30	40	DFT-QPSK	H	Inner_1RB_Left	24.65	28.65
NR n41	30	40	DFT-QPSK	H	Inner_1RB_Right	24.79	28.79
NR n41	30	40	DFT-QPSK	H	Outer_Full	23.74	27.74
NR n41	30	40	DFT-16QAM	H	Inner_1RB_Left	23.61	27.61
NR n41	30	40	DFT-16QAM	H	Inner_1RB_Right	23.64	27.64
NR n41	30	40	DFT-16QAM	H	Outer_Full	22.78	26.78
NR n41	30	40	DFT-64QAM	H	Inner_1RB_Left	22.41	26.41
NR n41	30	40	DFT-64QAM	H	Inner_1RB_Right	22.71	26.71
NR n41	30	40	DFT-64QAM	H	Outer_Full	22.29	26.29
NR n41	30	40	DFT-256QAM	H	Inner_1RB_Left	20.21	24.21
NR n41	30	40	DFT-256QAM	H	Inner_1RB_Right	20.63	24.63
NR n41	30	40	DFT-256QAM	H	Outer_Full	20.28	24.28

Note:

1. 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	24.86	28.86
NR n41	30	50	DFT-QPSK	L	Inner_1RB_Right	24.85	28.85
NR n41	30	50	DFT-QPSK	L	Outer_Full	24.12	28.12
NR n41	30	50	DFT-16QAM	L	Inner_1RB_Left	24	28
NR n41	30	50	DFT-16QAM	L	Inner_1RB_Right	24.03	28.03
NR n41	30	50	DFT-16QAM	L	Outer_Full	23.24	27.24
NR n41	30	50	DFT-64QAM	L	Inner_1RB_Left	22.82	26.82
NR n41	30	50	DFT-64QAM	L	Inner_1RB_Right	22.87	26.87
NR n41	30	50	DFT-64QAM	L	Outer_Full	22.73	26.73
NR n41	30	50	DFT-256QAM	L	Inner_1RB_Left	20.74	24.74
NR n41	30	50	DFT-256QAM	L	Inner_1RB_Right	20.64	24.64
NR n41	30	50	DFT-256QAM	L	Outer_Full	20.73	24.73
NR n41	30	50	DFT-QPSK	M	Inner_1RB_Left	24.54	28.54
NR n41	30	50	DFT-QPSK	M	Inner_1RB_Right	24.63	28.63
NR n41	30	50	DFT-QPSK	M	Outer_Full	23.58	27.58
NR n41	30	50	DFT-16QAM	M	Inner_1RB_Left	23.71	27.71
NR n41	30	50	DFT-16QAM	M	Inner_1RB_Right	23.66	27.66
NR n41	30	50	DFT-16QAM	M	Outer_Full	22.64	26.64
NR n41	30	50	DFT-64QAM	M	Inner_1RB_Left	22.43	26.43
NR n41	30	50	DFT-64QAM	M	Inner_1RB_Right	22.5	26.5
NR n41	30	50	DFT-64QAM	M	Outer_Full	22.14	26.14
NR n41	30	50	DFT-256QAM	M	Inner_1RB_Left	20.17	24.17
NR n41	30	50	DFT-256QAM	M	Inner_1RB_Right	20.23	24.23
NR n41	30	50	DFT-256QAM	M	Outer_Full	20.15	24.15
NR n41	30	50	DFT-QPSK	H	Inner_1RB_Left	24.53	28.53
NR n41	30	50	DFT-QPSK	H	Inner_1RB_Right	24.72	28.72
NR n41	30	50	DFT-QPSK	H	Outer_Full	23.7	27.7
NR n41	30	50	DFT-16QAM	H	Inner_1RB_Left	23.47	27.47
NR n41	30	50	DFT-16QAM	H	Inner_1RB_Right	23.57	27.57
NR n41	30	50	DFT-16QAM	H	Outer_Full	22.72	26.72
NR n41	30	50	DFT-64QAM	H	Inner_1RB_Left	22.24	26.24
NR n41	30	50	DFT-64QAM	H	Inner_1RB_Right	22.55	26.55
NR n41	30	50	DFT-64QAM	H	Outer_Full	22.23	26.23
NR n41	30	50	DFT-256QAM	H	Inner_1RB_Left	20.12	24.12
NR n41	30	50	DFT-256QAM	H	Inner_1RB_Right	20.41	24.41
NR n41	30	50	DFT-256QAM	H	Outer_Full	20.21	24.21

Note:

1. 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	24.74	28.74
NR n41	30	60	DFT-QPSK	L	Inner_1RB_Right	24.79	28.79
NR n41	30	60	DFT-QPSK	L	Outer_Full	24.06	28.06
NR n41	30	60	DFT-16QAM	L	Inner_1RB_Left	23.86	27.86
NR n41	30	60	DFT-16QAM	L	Inner_1RB_Right	24.03	28.03
NR n41	30	60	DFT-16QAM	L	Outer_Full	23.16	27.16
NR n41	30	60	DFT-64QAM	L	Inner_1RB_Left	22.67	26.67
NR n41	30	60	DFT-64QAM	L	Inner_1RB_Right	22.64	26.64
NR n41	30	60	DFT-64QAM	L	Outer_Full	22.62	26.62
NR n41	30	60	DFT-256QAM	L	Inner_1RB_Left	20.42	24.42
NR n41	30	60	DFT-256QAM	L	Inner_1RB_Right	20.59	24.59
NR n41	30	60	DFT-256QAM	L	Outer_Full	20.6	24.6
NR n41	30	60	DFT-QPSK	M	Inner_1RB_Left	24.39	28.39
NR n41	30	60	DFT-QPSK	M	Inner_1RB_Right	24.58	28.58
NR n41	30	60	DFT-QPSK	M	Outer_Full	23.55	27.55
NR n41	30	60	DFT-16QAM	M	Inner_1RB_Left	23.35	27.35
NR n41	30	60	DFT-16QAM	M	Inner_1RB_Right	23.47	27.47
NR n41	30	60	DFT-16QAM	M	Outer_Full	22.65	26.65
NR n41	30	60	DFT-64QAM	M	Inner_1RB_Left	22.33	26.33
NR n41	30	60	DFT-64QAM	M	Inner_1RB_Right	22.44	26.44
NR n41	30	60	DFT-64QAM	M	Outer_Full	22.13	26.13
NR n41	30	60	DFT-256QAM	M	Inner_1RB_Left	20.07	24.07
NR n41	30	60	DFT-256QAM	M	Inner_1RB_Right	20.25	24.25
NR n41	30	60	DFT-256QAM	M	Outer_Full	20.12	24.12
NR n41	30	60	DFT-QPSK	H	Inner_1RB_Left	24.34	28.34
NR n41	30	60	DFT-QPSK	H	Inner_1RB_Right	24.68	28.68
NR n41	30	60	DFT-QPSK	H	Outer_Full	23.72	27.72
NR n41	30	60	DFT-16QAM	H	Inner_1RB_Left	23.28	27.28
NR n41	30	60	DFT-16QAM	H	Inner_1RB_Right	23.65	27.65
NR n41	30	60	DFT-16QAM	H	Outer_Full	22.75	26.75
NR n41	30	60	DFT-64QAM	H	Inner_1RB_Left	22.08	26.08
NR n41	30	60	DFT-64QAM	H	Inner_1RB_Right	22.56	26.56
NR n41	30	60	DFT-64QAM	H	Outer_Full	22.23	26.23
NR n41	30	60	DFT-256QAM	H	Inner_1RB_Left	19.92	23.92
NR n41	30	60	DFT-256QAM	H	Inner_1RB_Right	20.52	24.52
NR n41	30	60	DFT-256QAM	H	Outer_Full	20.21	24.21

Note:

1. 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	24.81	28.81
NR n41	30	70	DFT-QPSK	L	Inner_1RB_Right	24.9	28.9
NR n41	30	70	DFT-QPSK	L	Outer_Full	24.18	28.18
NR n41	30	70	DFT-16QAM	L	Inner_1RB_Left	23.87	27.87
NR n41	30	70	DFT-16QAM	L	Inner_1RB_Right	24.04	28.04
NR n41	30	70	DFT-16QAM	L	Outer_Full	23.2	27.2
NR n41	30	70	DFT-64QAM	L	Inner_1RB_Left	22.98	26.98
NR n41	30	70	DFT-64QAM	L	Inner_1RB_Right	22.84	26.84
NR n41	30	70	DFT-64QAM	L	Outer_Full	22.68	26.68
NR n41	30	70	DFT-256QAM	L	Inner_1RB_Left	20.52	24.52
NR n41	30	70	DFT-256QAM	L	Inner_1RB_Right	20.3	24.3
NR n41	30	70	DFT-256QAM	L	Outer_Full	20.65	24.65
NR n41	30	70	DFT-QPSK	M	Inner_1RB_Left	24.53	28.53
NR n41	30	70	DFT-QPSK	M	Inner_1RB_Right	24.63	28.63
NR n41	30	70	DFT-QPSK	M	Outer_Full	23.63	27.63
NR n41	30	70	DFT-16QAM	M	Inner_1RB_Left	23.59	27.59
NR n41	30	70	DFT-16QAM	M	Inner_1RB_Right	23.68	27.68
NR n41	30	70	DFT-16QAM	M	Outer_Full	22.71	26.71
NR n41	30	70	DFT-64QAM	M	Inner_1RB_Left	22.44	26.44
NR n41	30	70	DFT-64QAM	M	Inner_1RB_Right	22.47	26.47
NR n41	30	70	DFT-64QAM	M	Outer_Full	22.21	26.21
NR n41	30	70	DFT-256QAM	M	Inner_1RB_Left	20.21	24.21
NR n41	30	70	DFT-256QAM	M	Inner_1RB_Right	20.16	24.16
NR n41	30	70	DFT-256QAM	M	Outer_Full	20.21	24.21
NR n41	30	70	DFT-QPSK	H	Inner_1RB_Left	24.37	28.37
NR n41	30	70	DFT-QPSK	H	Inner_1RB_Right	24.67	28.67
NR n41	30	70	DFT-QPSK	H	Outer_Full	23.78	27.78
NR n41	30	70	DFT-16QAM	H	Inner_1RB_Left	23.28	27.28
NR n41	30	70	DFT-16QAM	H	Inner_1RB_Right	23.72	27.72
NR n41	30	70	DFT-16QAM	H	Outer_Full	22.79	26.79
NR n41	30	70	DFT-64QAM	H	Inner_1RB_Left	22.1	26.1
NR n41	30	70	DFT-64QAM	H	Inner_1RB_Right	22.6	26.6
NR n41	30	70	DFT-64QAM	H	Outer_Full	22.02	26.02
NR n41	30	70	DFT-256QAM	H	Inner_1RB_Left	20.08	24.08
NR n41	30	70	DFT-256QAM	H	Inner_1RB_Right	20.5	24.5
NR n41	30	70	DFT-256QAM	H	Outer_Full	20.33	24.33

Note:

1. 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	24.71	28.71
NR n41	30	80	DFT-QPSK	L	Inner_1RB_Right	24.71	28.71
NR n41	30	80	DFT-QPSK	L	Outer_Full	23.99	27.99
NR n41	30	80	DFT-16QAM	L	Inner_1RB_Left	23.75	27.75
NR n41	30	80	DFT-16QAM	L	Inner_1RB_Right	24.04	28.04
NR n41	30	80	DFT-16QAM	L	Outer_Full	23.08	27.08
NR n41	30	80	DFT-64QAM	L	Inner_1RB_Left	22.59	26.59
NR n41	30	80	DFT-64QAM	L	Inner_1RB_Right	22.39	26.39
NR n41	30	80	DFT-64QAM	L	Outer_Full	22.56	26.56
NR n41	30	80	DFT-256QAM	L	Inner_1RB_Left	20.31	24.31
NR n41	30	80	DFT-256QAM	L	Inner_1RB_Right	20.2	24.2
NR n41	30	80	DFT-256QAM	L	Outer_Full	20.54	24.54
NR n41	30	80	DFT-QPSK	M	Inner_1RB_Left	24.47	28.47
NR n41	30	80	DFT-QPSK	M	Inner_1RB_Right	24.6	28.6
NR n41	30	80	DFT-QPSK	M	Outer_Full	23.65	27.65
NR n41	30	80	DFT-16QAM	M	Inner_1RB_Left	23.51	27.51
NR n41	30	80	DFT-16QAM	M	Inner_1RB_Right	23.64	27.64
NR n41	30	80	DFT-16QAM	M	Outer_Full	22.73	26.73
NR n41	30	80	DFT-64QAM	M	Inner_1RB_Left	22.46	26.46
NR n41	30	80	DFT-64QAM	M	Inner_1RB_Right	22.49	26.49
NR n41	30	80	DFT-64QAM	M	Outer_Full	22.22	26.22
NR n41	30	80	DFT-256QAM	M	Inner_1RB_Left	20.1	24.1
NR n41	30	80	DFT-256QAM	M	Inner_1RB_Right	20.35	24.35
NR n41	30	80	DFT-256QAM	M	Outer_Full	20.22	24.22
NR n41	30	80	DFT-QPSK	H	Inner_1RB_Left	24.01	28.01
NR n41	30	80	DFT-QPSK	H	Inner_1RB_Right	24.69	28.69
NR n41	30	80	DFT-QPSK	H	Outer_Full	23.73	27.73
NR n41	30	80	DFT-16QAM	H	Inner_1RB_Left	23	27
NR n41	30	80	DFT-16QAM	H	Inner_1RB_Right	23.61	27.61
NR n41	30	80	DFT-16QAM	H	Outer_Full	22.74	26.74
NR n41	30	80	DFT-64QAM	H	Inner_1RB_Left	21.7	25.7
NR n41	30	80	DFT-64QAM	H	Inner_1RB_Right	22.64	26.64
NR n41	30	80	DFT-64QAM	H	Outer_Full	22.12	26.12
NR n41	30	80	DFT-256QAM	H	Inner_1RB_Left	19.59	23.59
NR n41	30	80	DFT-256QAM	H	Inner_1RB_Right	20.36	24.36
NR n41	30	80	DFT-256QAM	H	Outer_Full	20.29	24.29

Note:

1. 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	24.62	28.62
NR n41	30	90	DFT-QPSK	L	Inner_1RB_Right	24.74	28.74
NR n41	30	90	DFT-QPSK	L	Outer_Full	23.94	27.94
NR n41	30	90	DFT-16QAM	L	Inner_1RB_Left	23.66	27.66
NR n41	30	90	DFT-16QAM	L	Inner_1RB_Right	23.91	27.91
NR n41	30	90	DFT-16QAM	L	Outer_Full	23.02	27.02
NR n41	30	90	DFT-64QAM	L	Inner_1RB_Left	22.52	26.52
NR n41	30	90	DFT-64QAM	L	Inner_1RB_Right	22.45	26.45
NR n41	30	90	DFT-64QAM	L	Outer_Full	22.54	26.54
NR n41	30	90	DFT-256QAM	L	Inner_1RB_Left	20.4	24.4
NR n41	30	90	DFT-256QAM	L	Inner_1RB_Right	20.26	24.26
NR n41	30	90	DFT-256QAM	L	Outer_Full	20.49	24.49
NR n41	30	90	DFT-QPSK	M	Inner_1RB_Left	24.37	28.37
NR n41	30	90	DFT-QPSK	M	Inner_1RB_Right	24.58	28.58
NR n41	30	90	DFT-QPSK	M	Outer_Full	23.7	27.7
NR n41	30	90	DFT-16QAM	M	Inner_1RB_Left	23.65	27.65
NR n41	30	90	DFT-16QAM	M	Inner_1RB_Right	23.58	27.58
NR n41	30	90	DFT-16QAM	M	Outer_Full	22.75	26.75
NR n41	30	90	DFT-64QAM	M	Inner_1RB_Left	22.66	26.66
NR n41	30	90	DFT-64QAM	M	Inner_1RB_Right	22.75	26.75
NR n41	30	90	DFT-64QAM	M	Outer_Full	22.27	26.27
NR n41	30	90	DFT-256QAM	M	Inner_1RB_Left	19.95	23.95
NR n41	30	90	DFT-256QAM	M	Inner_1RB_Right	20.17	24.17
NR n41	30	90	DFT-256QAM	M	Outer_Full	20.24	24.24
NR n41	30	90	DFT-QPSK	H	Inner_1RB_Left	23.98	27.98
NR n41	30	90	DFT-QPSK	H	Inner_1RB_Right	24.68	28.68
NR n41	30	90	DFT-QPSK	H	Outer_Full	23.71	27.71
NR n41	30	90	DFT-16QAM	H	Inner_1RB_Left	23.12	27.12
NR n41	30	90	DFT-16QAM	H	Inner_1RB_Right	23.67	27.67
NR n41	30	90	DFT-16QAM	H	Outer_Full	22.68	26.68
NR n41	30	90	DFT-64QAM	H	Inner_1RB_Left	21.73	25.73
NR n41	30	90	DFT-64QAM	H	Inner_1RB_Right	22.56	26.56
NR n41	30	90	DFT-64QAM	H	Outer_Full	22.2	26.2
NR n41	30	90	DFT-256QAM	H	Inner_1RB_Left	19.56	23.56
NR n41	30	90	DFT-256QAM	H	Inner_1RB_Right	20.36	24.36
NR n41	30	90	DFT-256QAM	H	Outer_Full	20.14	24.14

Note:

1. 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	24.58	28.58
NR n41	30	100	DFT-QPSK	L	Inner_1RB_Right	24.48	28.48
NR n41	30	100	DFT-QPSK	L	Outer_Full	24.02	28.02
NR n41	30	100	DFT-16QAM	L	Inner_1RB_Left	23.68	27.68
NR n41	30	100	DFT-16QAM	L	Inner_1RB_Right	23.66	27.66
NR n41	30	100	DFT-16QAM	L	Outer_Full	22.98	26.98
NR n41	30	100	DFT-64QAM	L	Inner_1RB_Left	22.55	26.55
NR n41	30	100	DFT-64QAM	L	Inner_1RB_Right	22.22	26.22
NR n41	30	100	DFT-64QAM	L	Outer_Full	22.46	26.46
NR n41	30	100	DFT-256QAM	L	Inner_1RB_Left	20.39	24.39
NR n41	30	100	DFT-256QAM	L	Inner_1RB_Right	20.09	24.09
NR n41	30	100	DFT-256QAM	L	Outer_Full	20.4	24.4
NR n41	30	100	DFT-QPSK	M	Inner_1RB_Left	24.46	28.46
NR n41	30	100	DFT-QPSK	M	Inner_1RB_Right	24.74	28.74
NR n41	30	100	DFT-QPSK	M	Outer_Full	23.68	27.68
NR n41	30	100	DFT-16QAM	M	Inner_1RB_Left	23.32	27.32
NR n41	30	100	DFT-16QAM	M	Inner_1RB_Right	23.72	27.72
NR n41	30	100	DFT-16QAM	M	Outer_Full	22.68	26.68
NR n41	30	100	DFT-64QAM	M	Inner_1RB_Left	22.34	26.34
NR n41	30	100	DFT-64QAM	M	Inner_1RB_Right	22.49	26.49
NR n41	30	100	DFT-64QAM	M	Outer_Full	22.17	26.17
NR n41	30	100	DFT-256QAM	M	Inner_1RB_Left	20.11	24.11
NR n41	30	100	DFT-256QAM	M	Inner_1RB_Right	20.34	24.34
NR n41	30	100	DFT-256QAM	M	Outer_Full	20.14	24.14
NR n41	30	100	DFT-QPSK	H	Inner_1RB_Left	24.15	28.15
NR n41	30	100	DFT-QPSK	H	Inner_1RB_Right	24.79	28.79
NR n41	30	100	DFT-QPSK	H	Outer_Full	23.67	27.67
NR n41	30	100	DFT-16QAM	H	Inner_1RB_Left	23.06	27.06
NR n41	30	100	DFT-16QAM	H	Inner_1RB_Right	23.66	27.66
NR n41	30	100	DFT-16QAM	H	Outer_Full	22.67	26.67
NR n41	30	100	DFT-64QAM	H	Inner_1RB_Left	21.92	25.92
NR n41	30	100	DFT-64QAM	H	Inner_1RB_Right	22.67	26.67
NR n41	30	100	DFT-64QAM	H	Outer_Full	22.16	26.16
NR n41	30	100	DFT-256QAM	H	Inner_1RB_Left	19.79	23.79
NR n41	30	100	DFT-256QAM	H	Inner_1RB_Right	20.53	24.53
NR n41	30	100	DFT-256QAM	H	Outer_Full	20.11	24.11

Note:

1. 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	24.63	24.44	27.55	31.55
NR n41	30	10	DFT-QPSK	L	Inner_1RB_Right	24.58	24.68	27.64	31.64
NR n41	30	10	DFT-QPSK	L	Outer_Full	23.2	23.2	26.21	30.21
NR n41	30	10	DFT-16QAM	L	Inner_1RB_Left	24.09	23.02	26.60	30.60
NR n41	30	10	DFT-16QAM	L	Inner_1RB_Right	24.31	23.15	26.78	30.78
NR n41	30	10	DFT-16QAM	L	Outer_Full	23.33	22.25	25.83	29.83
NR n41	30	10	DFT-64QAM	L	Inner_1RB_Left	23.12	23.23	26.19	30.19
NR n41	30	10	DFT-64QAM	L	Inner_1RB_Right	22.88	21.83	25.40	29.40
NR n41	30	10	DFT-64QAM	L	Outer_Full	21.63	21.7	24.68	28.68
NR n41	30	10	DFT-256QAM	L	Inner_1RB_Left	19.49	19.21	22.36	26.36
NR n41	30	10	DFT-256QAM	L	Inner_1RB_Right	19.54	18.66	22.13	26.13
NR n41	30	10	DFT-256QAM	L	Outer_Full	19.62	18.65	22.17	26.17
NR n41	30	10	DFT-QPSK	M	Inner_1RB_Left	24.38	23.52	26.98	30.98
NR n41	30	10	DFT-QPSK	M	Inner_1RB_Right	24.15	23.92	27.05	31.05
NR n41	30	10	DFT-QPSK	M	Outer_Full	22.84	22.26	25.57	29.57
NR n41	30	10	DFT-16QAM	M	Inner_1RB_Left	23.9	22.97	26.47	30.47
NR n41	30	10	DFT-16QAM	M	Inner_1RB_Right	23.91	23.35	26.65	30.65
NR n41	30	10	DFT-16QAM	M	Outer_Full	22.85	22.21	25.55	29.55
NR n41	30	10	DFT-64QAM	M	Inner_1RB_Left	22.77	22.21	25.51	29.51
NR n41	30	10	DFT-64QAM	M	Inner_1RB_Right	22.37	22.17	25.28	29.28
NR n41	30	10	DFT-64QAM	M	Outer_Full	22.19	21.52	24.88	28.88
NR n41	30	10	DFT-256QAM	M	Inner_1RB_Left	19.29	19.35	22.33	26.33
NR n41	30	10	DFT-256QAM	M	Inner_1RB_Right	19.11	19.52	22.33	26.33
NR n41	30	10	DFT-256QAM	M	Outer_Full	18.52	18.69	21.62	25.62
NR n41	30	10	DFT-QPSK	H	Inner_1RB_Left	24.23	24.19	27.22	31.22
NR n41	30	10	DFT-QPSK	H	Inner_1RB_Right	24.32	24.09	27.22	31.22
NR n41	30	10	DFT-QPSK	H	Outer_Full	22.95	22.8	25.89	29.89
NR n41	30	10	DFT-16QAM	H	Inner_1RB_Left	23.59	23.54	26.58	30.58
NR n41	30	10	DFT-16QAM	H	Inner_1RB_Right	23.74	23.45	26.61	30.61
NR n41	30	10	DFT-16QAM	H	Outer_Full	22.87	22.76	25.83	29.83
NR n41	30	10	DFT-64QAM	H	Inner_1RB_Left	22.54	22.21	25.39	29.39
NR n41	30	10	DFT-64QAM	H	Inner_1RB_Right	22.54	22.28	25.42	29.42
NR n41	30	10	DFT-64QAM	H	Outer_Full	22.4	22.3	25.36	29.36
NR n41	30	10	DFT-256QAM	H	Inner_1RB_Left	19.27	19.3	22.30	26.30
NR n41	30	10	DFT-256QAM	H	Inner_1RB_Right	19.27	18.67	21.99	25.99
NR n41	30	10	DFT-256QAM	H	Outer_Full	19.38	19.28	22.34	26.34

Note:

1. 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	24.46	23.67	27.09	31.09
NR n41	30	15	DFT-QPSK	L	Inner_1RB_Right	24.55	24.02	27.30	31.30
NR n41	30	15	DFT-QPSK	L	Outer_Full	23.24	22.31	25.81	29.81
NR n41	30	15	DFT-16QAM	L	Inner_1RB_Left	23.97	23.04	26.54	30.54
NR n41	30	15	DFT-16QAM	L	Inner_1RB_Right	24.09	23.28	26.71	30.71
NR n41	30	15	DFT-16QAM	L	Outer_Full	23.3	22.32	25.85	29.85
NR n41	30	15	DFT-64QAM	L	Inner_1RB_Left	22.81	22.74	25.79	29.79
NR n41	30	15	DFT-64QAM	L	Inner_1RB_Right	22.81	21.97	25.42	29.42
NR n41	30	15	DFT-64QAM	L	Outer_Full	22.74	21.85	25.33	29.33
NR n41	30	15	DFT-256QAM	L	Inner_1RB_Left	19.47	18.59	22.06	26.06
NR n41	30	15	DFT-256QAM	L	Inner_1RB_Right	19.49	19.32	22.42	26.42
NR n41	30	15	DFT-256QAM	L	Outer_Full	19.6	18.76	22.21	26.21
NR n41	30	15	DFT-QPSK	M	Inner_1RB_Left	24.33	23.56	26.97	30.97
NR n41	30	15	DFT-QPSK	M	Inner_1RB_Right	24.11	24.15	27.14	31.14
NR n41	30	15	DFT-QPSK	M	Outer_Full	22.75	22.31	25.55	29.55
NR n41	30	15	DFT-16QAM	M	Inner_1RB_Left	23.86	22.96	26.44	30.44
NR n41	30	15	DFT-16QAM	M	Inner_1RB_Right	23.66	23.51	26.60	30.60
NR n41	30	15	DFT-16QAM	M	Outer_Full	22.78	22.31	25.56	29.56
NR n41	30	15	DFT-64QAM	M	Inner_1RB_Left	22.6	21.8	25.23	29.23
NR n41	30	15	DFT-64QAM	M	Inner_1RB_Right	22.36	22.38	25.38	29.38
NR n41	30	15	DFT-64QAM	M	Outer_Full	22.19	21.82	25.02	29.02
NR n41	30	15	DFT-256QAM	M	Inner_1RB_Left	19.25	18.6	21.95	25.95
NR n41	30	15	DFT-256QAM	M	Inner_1RB_Right	18.99	18.22	21.63	25.63
NR n41	30	15	DFT-256QAM	M	Outer_Full	19.14	18.83	22.00	26.00
NR n41	30	15	DFT-QPSK	H	Inner_1RB_Left	24.27	24.3	27.30	31.30
NR n41	30	15	DFT-QPSK	H	Inner_1RB_Right	24.19	24.16	27.19	31.19
NR n41	30	15	DFT-QPSK	H	Outer_Full	22.84	22.82	25.84	29.84
NR n41	30	15	DFT-16QAM	H	Inner_1RB_Left	23.56	23.54	26.56	30.56
NR n41	30	15	DFT-16QAM	H	Inner_1RB_Right	23.73	23.45	26.60	30.60
NR n41	30	15	DFT-16QAM	H	Outer_Full	22.85	22.78	25.83	29.83
NR n41	30	15	DFT-64QAM	H	Inner_1RB_Left	22.33	22.46	25.41	29.41
NR n41	30	15	DFT-64QAM	H	Inner_1RB_Right	22.41	22.36	25.40	29.40
NR n41	30	15	DFT-64QAM	H	Outer_Full	22.42	22.42	25.43	29.43
NR n41	30	15	DFT-256QAM	H	Inner_1RB_Left	19.16	19.25	22.22	26.22
NR n41	30	15	DFT-256QAM	H	Inner_1RB_Right	19.24	19.02	22.14	26.14
NR n41	30	15	DFT-256QAM	H	Outer_Full	19.52	19.32	22.43	26.43

Note:

1. 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	24.59	23.77	27.21	31.21
NR n41	30	20	DFT-QPSK	L	Inner_1RB_Right	24.75	24.11	27.45	31.45
NR n41	30	20	DFT-QPSK	L	Outer_Full	23.22	23.12	26.18	30.18
NR n41	30	20	DFT-16QAM	L	Inner_1RB_Left	24.02	23.03	26.56	30.56
NR n41	30	20	DFT-16QAM	L	Inner_1RB_Right	24.18	23.48	26.85	30.85
NR n41	30	20	DFT-16QAM	L	Outer_Full	23.15	22.45	25.82	29.82
NR n41	30	20	DFT-64QAM	L	Inner_1RB_Left	22.73	21.52	25.18	29.18
NR n41	30	20	DFT-64QAM	L	Inner_1RB_Right	22.83	22.11	25.50	29.50
NR n41	30	20	DFT-64QAM	L	Outer_Full	22.67	21.92	25.32	29.32
NR n41	30	20	DFT-256QAM	L	Inner_1RB_Left	19.48	18.68	22.11	26.11
NR n41	30	20	DFT-256QAM	L	Inner_1RB_Right	19.56	18.96	22.28	26.28
NR n41	30	20	DFT-256QAM	L	Outer_Full	19.67	18.83	22.28	26.28
NR n41	30	20	DFT-QPSK	M	Inner_1RB_Left	24.37	23.42	26.93	30.93
NR n41	30	20	DFT-QPSK	M	Inner_1RB_Right	24.22	24.17	27.21	31.21
NR n41	30	20	DFT-QPSK	M	Outer_Full	22.78	22.35	25.58	29.58
NR n41	30	20	DFT-16QAM	M	Inner_1RB_Left	23.94	22.45	26.27	30.27
NR n41	30	20	DFT-16QAM	M	Inner_1RB_Right	23.82	23.49	26.67	30.67
NR n41	30	20	DFT-16QAM	M	Outer_Full	22.73	22.38	25.57	29.57
NR n41	30	20	DFT-64QAM	M	Inner_1RB_Left	22.53	21.83	25.20	29.20
NR n41	30	20	DFT-64QAM	M	Inner_1RB_Right	22.12	22.16	25.15	29.15
NR n41	30	20	DFT-64QAM	M	Outer_Full	22.18	21.91	25.06	29.06
NR n41	30	20	DFT-256QAM	M	Inner_1RB_Left	19.3	18.71	22.03	26.03
NR n41	30	20	DFT-256QAM	M	Inner_1RB_Right	19.17	18.29	21.76	25.76
NR n41	30	20	DFT-256QAM	M	Outer_Full	19.22	18.88	22.06	26.06
NR n41	30	20	DFT-QPSK	H	Inner_1RB_Left	24.11	24.48	27.31	31.31
NR n41	30	20	DFT-QPSK	H	Inner_1RB_Right	24.32	24.27	27.31	31.31
NR n41	30	20	DFT-QPSK	H	Outer_Full	22.85	22.95	25.91	29.91
NR n41	30	20	DFT-16QAM	H	Inner_1RB_Left	23.57	23.73	26.66	30.66
NR n41	30	20	DFT-16QAM	H	Inner_1RB_Right	23.84	23.47	26.67	30.67
NR n41	30	20	DFT-16QAM	H	Outer_Full	22.78	23.01	25.91	29.91
NR n41	30	20	DFT-64QAM	H	Inner_1RB_Left	22.35	22.25	25.31	29.31
NR n41	30	20	DFT-64QAM	H	Inner_1RB_Right	22.32	22.35	25.35	29.35
NR n41	30	20	DFT-64QAM	H	Outer_Full	22.4	22.58	25.50	29.50
NR n41	30	20	DFT-256QAM	H	Inner_1RB_Left	19.13	19.42	22.29	26.29
NR n41	30	20	DFT-256QAM	H	Inner_1RB_Right	19.4	19.21	22.32	26.32
NR n41	30	20	DFT-256QAM	H	Outer_Full	19.38	19.54	22.47	26.47

Note:

1. 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	24.09	22.82	26.51	30.51
NR n41	30	30	DFT-QPSK	L	Inner_1RB_Right	24.12	19.81	25.49	29.49
NR n41	30	30	DFT-QPSK	L	Outer_Full	23.15	22.33	25.77	29.77
NR n41	30	30	DFT-16QAM	L	Inner_1RB_Left	24.01	23.08	26.58	30.58
NR n41	30	30	DFT-16QAM	L	Inner_1RB_Right	24.15	23.09	26.66	30.66
NR n41	30	30	DFT-16QAM	L	Outer_Full	23.15	22.34	25.77	29.77
NR n41	30	30	DFT-64QAM	L	Inner_1RB_Left	22.69	21.71	25.24	29.24
NR n41	30	30	DFT-64QAM	L	Inner_1RB_Right	22.73	21.63	25.23	29.23
NR n41	30	30	DFT-64QAM	L	Outer_Full	22.61	21.89	25.28	29.28
NR n41	30	30	DFT-256QAM	L	Inner_1RB_Left	19.44	18.59	22.05	26.05
NR n41	30	30	DFT-256QAM	L	Inner_1RB_Right	19.77	18.56	22.22	26.22
NR n41	30	30	DFT-256QAM	L	Outer_Full	19.57	18.78	22.20	26.20
NR n41	30	30	DFT-QPSK	M	Inner_1RB_Left	24.29	23.72	27.02	31.02
NR n41	30	30	DFT-QPSK	M	Inner_1RB_Right	24.26	24.16	27.22	31.22
NR n41	30	30	DFT-QPSK	M	Outer_Full	23.76	23.33	26.56	30.56
NR n41	30	30	DFT-16QAM	M	Inner_1RB_Left	23.86	23.02	26.47	30.47
NR n41	30	30	DFT-16QAM	M	Inner_1RB_Right	23.82	23.55	26.70	30.70
NR n41	30	30	DFT-16QAM	M	Outer_Full	22.73	22.29	25.53	29.53
NR n41	30	30	DFT-64QAM	M	Inner_1RB_Left	22.48	21.81	25.17	29.17
NR n41	30	30	DFT-64QAM	M	Inner_1RB_Right	22.42	22.35	25.40	29.40
NR n41	30	30	DFT-64QAM	M	Outer_Full	22.21	21.87	25.05	29.05
NR n41	30	30	DFT-256QAM	M	Inner_1RB_Left	19.17	18.65	21.93	25.93
NR n41	30	30	DFT-256QAM	M	Inner_1RB_Right	18.96	19.28	22.13	26.13
NR n41	30	30	DFT-256QAM	M	Outer_Full	19.16	18.9	22.04	26.04
NR n41	30	30	DFT-QPSK	H	Inner_1RB_Left	24.06	24.17	27.13	31.13
NR n41	30	30	DFT-QPSK	H	Inner_1RB_Right	24.37	24.31	27.35	31.35
NR n41	30	30	DFT-QPSK	H	Outer_Full	22.78	22.82	25.81	29.81
NR n41	30	30	DFT-16QAM	H	Inner_1RB_Left	23.55	23.31	26.44	30.44
NR n41	30	30	DFT-16QAM	H	Inner_1RB_Right	23.73	23.57	26.66	30.66
NR n41	30	30	DFT-16QAM	H	Outer_Full	22.75	22.83	25.80	29.80
NR n41	30	30	DFT-64QAM	H	Inner_1RB_Left	22.28	22.09	25.20	29.20
NR n41	30	30	DFT-64QAM	H	Inner_1RB_Right	22.45	22.38	25.43	29.43
NR n41	30	30	DFT-64QAM	H	Outer_Full	22.25	22.38	25.33	29.33
NR n41	30	30	DFT-256QAM	H	Inner_1RB_Left	19.02	19.01	22.03	26.03
NR n41	30	30	DFT-256QAM	H	Inner_1RB_Right	19.27	19.26	22.28	26.28
NR n41	30	30	DFT-256QAM	H	Outer_Full	19.21	19.38	22.31	26.31

Note:

1. 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	24.79	23.88	27.37	31.37
NR n41	30	40	DFT-QPSK	L	Inner_1RB_Right	24.77	23.36	27.13	31.13
NR n41	30	40	DFT-QPSK	L	Outer_Full	23.15	22.23	25.72	29.72
NR n41	30	40	DFT-16QAM	L	Inner_1RB_Left	24.18	23.21	26.73	30.73
NR n41	30	40	DFT-16QAM	L	Inner_1RB_Right	24.31	22.79	26.63	30.63
NR n41	30	40	DFT-16QAM	L	Outer_Full	23.18	22.19	25.72	29.72
NR n41	30	40	DFT-64QAM	L	Inner_1RB_Left	23.03	22.85	25.95	29.95
NR n41	30	40	DFT-64QAM	L	Inner_1RB_Right	23.06	21.34	25.29	29.29
NR n41	30	40	DFT-64QAM	L	Outer_Full	22.59	21.73	25.19	29.19
NR n41	30	40	DFT-256QAM	L	Inner_1RB_Left	19.59	18.69	22.17	26.17
NR n41	30	40	DFT-256QAM	L	Inner_1RB_Right	19.65	18.3	22.04	26.04
NR n41	30	40	DFT-256QAM	L	Outer_Full	19.58	18.68	22.16	26.16
NR n41	30	40	DFT-QPSK	M	Inner_1RB_Left	24.38	23.93	27.17	31.17
NR n41	30	40	DFT-QPSK	M	Inner_1RB_Right	24.53	24.17	27.36	31.36
NR n41	30	40	DFT-QPSK	M	Outer_Full	22.77	22.38	25.59	29.59
NR n41	30	40	DFT-16QAM	M	Inner_1RB_Left	23.92	23.22	26.59	30.59
NR n41	30	40	DFT-16QAM	M	Inner_1RB_Right	23.96	23.56	26.77	30.77
NR n41	30	40	DFT-16QAM	M	Outer_Full	22.79	22.38	25.60	29.60
NR n41	30	40	DFT-64QAM	M	Inner_1RB_Left	22.67	22.09	25.40	29.40
NR n41	30	40	DFT-64QAM	M	Inner_1RB_Right	22.71	22.39	25.56	29.56
NR n41	30	40	DFT-64QAM	M	Outer_Full	21.56	21.42	24.50	28.50
NR n41	30	40	DFT-256QAM	M	Inner_1RB_Left	19.35	18.83	22.11	26.11
NR n41	30	40	DFT-256QAM	M	Inner_1RB_Right	19.29	19.11	22.21	26.21
NR n41	30	40	DFT-256QAM	M	Outer_Full	19.22	18.86	22.05	26.05
NR n41	30	40	DFT-QPSK	H	Inner_1RB_Left	24.16	24.66	27.43	31.43
NR n41	30	40	DFT-QPSK	H	Inner_1RB_Right	24.53	24.5	27.53	31.53
NR n41	30	40	DFT-QPSK	H	Outer_Full	22.72	22.86	25.80	29.80
NR n41	30	40	DFT-16QAM	H	Inner_1RB_Left	23.66	23.85	26.77	30.77
NR n41	30	40	DFT-16QAM	H	Inner_1RB_Right	24.01	23.72	26.88	30.88
NR n41	30	40	DFT-16QAM	H	Outer_Full	22.74	22.91	25.84	29.84
NR n41	30	40	DFT-64QAM	H	Inner_1RB_Left	22.41	22.15	25.29	29.29
NR n41	30	40	DFT-64QAM	H	Inner_1RB_Right	22.32	22.24	25.29	29.29
NR n41	30	40	DFT-64QAM	H	Outer_Full	21.58	21.46	24.53	28.53
NR n41	30	40	DFT-256QAM	H	Inner_1RB_Left	19.1	19.5	22.31	26.31
NR n41	30	40	DFT-256QAM	H	Inner_1RB_Right	19.52	19.4	22.47	26.47
NR n41	30	40	DFT-256QAM	H	Outer_Full	19.15	19.38	22.28	26.28

Note:

1. 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	24.62	23.74	27.21	31.21
NR n41	30	50	DFT-QPSK	L	Inner_1RB_Right	24.53	23.84	27.21	31.21
NR n41	30	50	DFT-QPSK	L	Outer_Full	23.19	22.13	25.70	29.70
NR n41	30	50	DFT-16QAM	L	Inner_1RB_Left	24.06	23.03	26.59	30.59
NR n41	30	50	DFT-16QAM	L	Inner_1RB_Right	24.07	23.33	26.73	30.73
NR n41	30	50	DFT-16QAM	L	Outer_Full	23.19	22.12	25.70	29.70
NR n41	30	50	DFT-64QAM	L	Inner_1RB_Left	22.82	21.3	25.14	29.14
NR n41	30	50	DFT-64QAM	L	Inner_1RB_Right	22.8	21.84	25.36	29.36
NR n41	30	50	DFT-64QAM	L	Outer_Full	22.68	21.62	25.19	29.19
NR n41	30	50	DFT-256QAM	L	Inner_1RB_Left	19.49	18.63	22.09	26.09
NR n41	30	50	DFT-256QAM	L	Inner_1RB_Right	19.39	18.77	22.10	26.10
NR n41	30	50	DFT-256QAM	L	Outer_Full	19.57	18.57	22.11	26.11
NR n41	30	50	DFT-QPSK	M	Inner_1RB_Left	24.29	23.49	26.92	30.92
NR n41	30	50	DFT-QPSK	M	Inner_1RB_Right	24.38	24.32	27.36	31.36
NR n41	30	50	DFT-QPSK	M	Outer_Full	22.77	22.45	25.62	29.62
NR n41	30	50	DFT-16QAM	M	Inner_1RB_Left	23.77	22.83	26.34	30.34
NR n41	30	50	DFT-16QAM	M	Inner_1RB_Right	24.03	23.68	26.87	30.87
NR n41	30	50	DFT-16QAM	M	Outer_Full	22.76	22.47	25.63	29.63
NR n41	30	50	DFT-64QAM	M	Inner_1RB_Left	22.62	21.61	25.15	29.15
NR n41	30	50	DFT-64QAM	M	Inner_1RB_Right	22.25	22.32	25.30	29.30
NR n41	30	50	DFT-64QAM	M	Outer_Full	21.96	21.74	24.86	28.86
NR n41	30	50	DFT-256QAM	M	Inner_1RB_Left	19.17	19.65	22.43	26.43
NR n41	30	50	DFT-256QAM	M	Inner_1RB_Right	19.3	19.35	22.34	26.34
NR n41	30	50	DFT-256QAM	M	Outer_Full	19.12	19.32	22.23	26.23
NR n41	30	50	DFT-QPSK	H	Inner_1RB_Left	24.03	24.31	27.18	31.18
NR n41	30	50	DFT-QPSK	H	Inner_1RB_Right	24.33	24.39	27.37	31.37
NR n41	30	50	DFT-QPSK	H	Outer_Full	22.75	22.83	25.80	29.80
NR n41	30	50	DFT-16QAM	H	Inner_1RB_Left	23.5	23.65	26.59	30.59
NR n41	30	50	DFT-16QAM	H	Inner_1RB_Right	23.93	23.66	26.81	30.81
NR n41	30	50	DFT-16QAM	H	Outer_Full	22.74	22.85	25.81	29.81
NR n41	30	50	DFT-64QAM	H	Inner_1RB_Left	22.33	22.39	25.37	29.37
NR n41	30	50	DFT-64QAM	H	Inner_1RB_Right	22.57	22.5	25.55	29.55
NR n41	30	50	DFT-64QAM	H	Outer_Full	22.25	22.41	25.34	29.34
NR n41	30	50	DFT-256QAM	H	Inner_1RB_Left	19.02	19.25	22.15	26.15
NR n41	30	50	DFT-256QAM	H	Inner_1RB_Right	19.4	19.28	22.35	26.35
NR n41	30	50	DFT-256QAM	H	Outer_Full	19.18	19.41	22.31	26.31

Note:

1. 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	24.45	23.74	27.12	31.12
NR n41	30	60	DFT-QPSK	L	Inner_1RB_Right	24.36	23.49	26.96	30.96
NR n41	30	60	DFT-QPSK	L	Outer_Full	23.09	22.04	25.61	29.61
NR n41	30	60	DFT-16QAM	L	Inner_1RB_Left	23.74	23.08	26.43	30.43
NR n41	30	60	DFT-16QAM	L	Inner_1RB_Right	23.83	23.01	26.45	30.45
NR n41	30	60	DFT-16QAM	L	Outer_Full	22.99	22.03	25.55	29.55
NR n41	30	60	DFT-64QAM	L	Inner_1RB_Left	22.63	22.25	25.45	29.45
NR n41	30	60	DFT-64QAM	L	Inner_1RB_Right	22.69	21.48	25.14	29.14
NR n41	30	60	DFT-64QAM	L	Outer_Full	22.57	21.56	25.10	29.10
NR n41	30	60	DFT-256QAM	L	Inner_1RB_Left	19.3	18.55	21.95	25.95
NR n41	30	60	DFT-256QAM	L	Inner_1RB_Right	18.75	18.23	21.51	25.51
NR n41	30	60	DFT-256QAM	L	Outer_Full	19.51	18.51	22.05	26.05
NR n41	30	60	DFT-QPSK	M	Inner_1RB_Left	24.22	23.07	26.69	30.69
NR n41	30	60	DFT-QPSK	M	Inner_1RB_Right	24.3	24.53	27.43	31.43
NR n41	30	60	DFT-QPSK	M	Outer_Full	22.8	22.38	25.61	29.61
NR n41	30	60	DFT-16QAM	M	Inner_1RB_Left	23.73	22.49	26.16	30.16
NR n41	30	60	DFT-16QAM	M	Inner_1RB_Right	23.97	23.99	26.99	30.99
NR n41	30	60	DFT-16QAM	M	Outer_Full	22.78	22.4	25.60	29.60
NR n41	30	60	DFT-64QAM	M	Inner_1RB_Left	22.56	22.45	25.52	29.52
NR n41	30	60	DFT-64QAM	M	Inner_1RB_Right	22.53	22.67	25.61	29.61
NR n41	30	60	DFT-64QAM	M	Outer_Full	22.24	21.92	25.09	29.09
NR n41	30	60	DFT-256QAM	M	Inner_1RB_Left	19.32	19.85	22.60	26.60
NR n41	30	60	DFT-256QAM	M	Inner_1RB_Right	19.26	19.55	22.42	26.42
NR n41	30	60	DFT-256QAM	M	Outer_Full	19.25	18.88	22.08	26.08
NR n41	30	60	DFT-QPSK	H	Inner_1RB_Left	24	24.27	27.15	31.15
NR n41	30	60	DFT-QPSK	H	Inner_1RB_Right	24.41	24.26	27.35	31.35
NR n41	30	60	DFT-QPSK	H	Outer_Full	22.76	22.79	25.79	29.79
NR n41	30	60	DFT-16QAM	H	Inner_1RB_Left	23.48	23.53	26.52	30.52
NR n41	30	60	DFT-16QAM	H	Inner_1RB_Right	23.83	23.57	26.71	30.71
NR n41	30	60	DFT-16QAM	H	Outer_Full	22.72	22.78	25.76	29.76
NR n41	30	60	DFT-64QAM	H	Inner_1RB_Left	22.22	20.82	24.59	28.59
NR n41	30	60	DFT-64QAM	H	Inner_1RB_Right	22.71	22.4	25.57	29.57
NR n41	30	60	DFT-64QAM	H	Outer_Full	22.2	22.34	25.28	29.28
NR n41	30	60	DFT-256QAM	H	Inner_1RB_Left	18.92	19.21	22.08	26.08
NR n41	30	60	DFT-256QAM	H	Inner_1RB_Right	19.36	19.25	22.32	26.32
NR n41	30	60	DFT-256QAM	H	Outer_Full	19.18	19.32	22.26	26.26

Note:

1. 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	24.43	23.68	27.08	31.08
NR n41	30	70	DFT-QPSK	L	Inner_1RB_Right	24.39	23.25	26.87	30.87
NR n41	30	70	DFT-QPSK	L	Outer_Full	23.04	22.01	25.57	29.57
NR n41	30	70	DFT-16QAM	L	Inner_1RB_Left	23.88	23.05	26.50	30.50
NR n41	30	70	DFT-16QAM	L	Inner_1RB_Right	23.86	22.46	26.23	30.23
NR n41	30	70	DFT-16QAM	L	Outer_Full	23.09	22.04	25.61	29.61
NR n41	30	70	DFT-64QAM	L	Inner_1RB_Left	22.62	22.32	25.48	29.48
NR n41	30	70	DFT-64QAM	L	Inner_1RB_Right	22.59	21.32	25.01	29.01
NR n41	30	70	DFT-64QAM	L	Outer_Full	22.47	21.54	25.04	29.04
NR n41	30	70	DFT-256QAM	L	Inner_1RB_Left	19.28	18.52	21.93	25.93
NR n41	30	70	DFT-256QAM	L	Inner_1RB_Right	19.21	19.33	22.28	26.28
NR n41	30	70	DFT-256QAM	L	Outer_Full	19.49	18.45	22.01	26.01
NR n41	30	70	DFT-QPSK	M	Inner_1RB_Left	24.06	24.32	27.20	31.20
NR n41	30	70	DFT-QPSK	M	Inner_1RB_Right	24.19	24.72	27.47	31.47
NR n41	30	70	DFT-QPSK	M	Outer_Full	23.79	23.38	26.60	30.60
NR n41	30	70	DFT-16QAM	M	Inner_1RB_Left	23.68	23.42	26.56	30.56
NR n41	30	70	DFT-16QAM	M	Inner_1RB_Right	23.83	24.11	26.98	30.98
NR n41	30	70	DFT-16QAM	M	Outer_Full	22.81	22.34	25.59	29.59
NR n41	30	70	DFT-64QAM	M	Inner_1RB_Left	22.66	19.4	24.34	28.34
NR n41	30	70	DFT-64QAM	M	Inner_1RB_Right	22.53	22.91	25.73	29.73
NR n41	30	70	DFT-64QAM	M	Outer_Full	22.23	21.9	25.08	29.08
NR n41	30	70	DFT-256QAM	M	Inner_1RB_Left	19.09	18.85	21.98	25.98
NR n41	30	70	DFT-256QAM	M	Inner_1RB_Right	19.26	19.64	22.46	26.46
NR n41	30	70	DFT-256QAM	M	Outer_Full	19.19	18.86	22.04	26.04
NR n41	30	70	DFT-QPSK	H	Inner_1RB_Left	24.03	24.17	27.11	31.11
NR n41	30	70	DFT-QPSK	H	Inner_1RB_Right	24.37	24.29	27.34	31.34
NR n41	30	70	DFT-QPSK	H	Outer_Full	22.81	22.9	25.87	29.87
NR n41	30	70	DFT-16QAM	H	Inner_1RB_Left	23.51	23.52	26.53	30.53
NR n41	30	70	DFT-16QAM	H	Inner_1RB_Right	23.92	23.6	26.77	30.77
NR n41	30	70	DFT-16QAM	H	Outer_Full	22.79	22.86	25.84	29.84
NR n41	30	70	DFT-64QAM	H	Inner_1RB_Left	22.56	22.74	25.66	29.66
NR n41	30	70	DFT-64QAM	H	Inner_1RB_Right	22.77	22.36	25.58	29.58
NR n41	30	70	DFT-64QAM	H	Outer_Full	22.28	22.41	25.36	29.36
NR n41	30	70	DFT-256QAM	H	Inner_1RB_Left	18.93	19.13	22.04	26.04
NR n41	30	70	DFT-256QAM	H	Inner_1RB_Right	19.37	19.24	22.32	26.32
NR n41	30	70	DFT-256QAM	H	Outer_Full	19.23	19.34	22.30	26.30

Note:

1. 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	24.29	23.56	26.95	30.95
NR n41	30	80	DFT-QPSK	L	Inner_1RB_Right	24.34	23.91	27.14	31.14
NR n41	30	80	DFT-QPSK	L	Outer_Full	23	22.01	25.54	29.54
NR n41	30	80	DFT-16QAM	L	Inner_1RB_Left	23.8	22.96	26.41	30.41
NR n41	30	80	DFT-16QAM	L	Inner_1RB_Right	23.85	23.19	26.54	30.54
NR n41	30	80	DFT-16QAM	L	Outer_Full	23.01	22	25.54	29.54
NR n41	30	80	DFT-64QAM	L	Inner_1RB_Left	22.54	21.67	25.14	29.14
NR n41	30	80	DFT-64QAM	L	Inner_1RB_Right	22.47	22.07	25.28	29.28
NR n41	30	80	DFT-64QAM	L	Outer_Full	22.41	21.54	25.01	29.01
NR n41	30	80	DFT-256QAM	L	Inner_1RB_Left	19.24	18.46	21.88	25.88
NR n41	30	80	DFT-256QAM	L	Inner_1RB_Right	19.19	18.77	22.00	26.00
NR n41	30	80	DFT-256QAM	L	Outer_Full	19.36	18.46	21.94	25.94
NR n41	30	80	DFT-QPSK	M	Inner_1RB_Left	24.06	23.27	26.69	30.69
NR n41	30	80	DFT-QPSK	M	Inner_1RB_Right	24.2	24.65	27.44	31.44
NR n41	30	80	DFT-QPSK	M	Outer_Full	22.81	22.42	25.63	29.63
NR n41	30	80	DFT-16QAM	M	Inner_1RB_Left	23.53	22.67	26.13	30.13
NR n41	30	80	DFT-16QAM	M	Inner_1RB_Right	23.71	23.96	26.85	30.85
NR n41	30	80	DFT-16QAM	M	Outer_Full	22.78	22.44	25.62	29.62
NR n41	30	80	DFT-64QAM	M	Inner_1RB_Left	22.18	21.45	24.84	28.84
NR n41	30	80	DFT-64QAM	M	Inner_1RB_Right	22.49	18.88	24.06	28.06
NR n41	30	80	DFT-64QAM	M	Outer_Full	22.32	22.21	25.28	29.28
NR n41	30	80	DFT-256QAM	M	Inner_1RB_Left	19.45	19.25	22.36	26.36
NR n41	30	80	DFT-256QAM	M	Inner_1RB_Right	19.22	19.67	22.46	26.46
NR n41	30	80	DFT-256QAM	M	Outer_Full	19.25	18.88	22.08	26.08
NR n41	30	80	DFT-QPSK	H	Inner_1RB_Left	23.83	23.65	26.75	30.75
NR n41	30	80	DFT-QPSK	H	Inner_1RB_Right	24.29	24.31	27.31	31.31
NR n41	30	80	DFT-QPSK	H	Outer_Full	22.77	22.89	25.84	29.84
NR n41	30	80	DFT-16QAM	H	Inner_1RB_Left	23.3	22.98	26.15	30.15
NR n41	30	80	DFT-16QAM	H	Inner_1RB_Right	23.45	23.68	26.58	30.58
NR n41	30	80	DFT-16QAM	H	Outer_Full	22.79	22.84	25.83	29.83
NR n41	30	80	DFT-64QAM	H	Inner_1RB_Left	22.17	21.77	24.98	28.98
NR n41	30	80	DFT-64QAM	H	Inner_1RB_Right	18.41	22.42	23.87	27.87
NR n41	30	80	DFT-64QAM	H	Outer_Full	22.28	22.32	25.31	29.31
NR n41	30	80	DFT-256QAM	H	Inner_1RB_Left	19.32	18.53	21.95	25.95
NR n41	30	80	DFT-256QAM	H	Inner_1RB_Right	19.33	19.36	22.36	26.36
NR n41	30	80	DFT-256QAM	H	Outer_Full	19.24	19.26	22.26	26.26

Note:

1. 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	24.3	23.62	26.98	30.98
NR n41	30	90	DFT-QPSK	L	Inner_1RB_Right	24.35	23.8	27.09	31.09
NR n41	30	90	DFT-QPSK	L	Outer_Full	22.97	22.01	25.53	29.53
NR n41	30	90	DFT-16QAM	L	Inner_1RB_Left	23.8	23.04	26.45	30.45
NR n41	30	90	DFT-16QAM	L	Inner_1RB_Right	23.97	23.1	26.57	30.57
NR n41	30	90	DFT-16QAM	L	Outer_Full	22.96	22.01	25.52	29.52
NR n41	30	90	DFT-64QAM	L	Inner_1RB_Left	22.51	21.66	25.12	29.12
NR n41	30	90	DFT-64QAM	L	Inner_1RB_Right	22.49	22	25.26	29.26
NR n41	30	90	DFT-64QAM	L	Outer_Full	22.39	21.54	25.00	29.00
NR n41	30	90	DFT-256QAM	L	Inner_1RB_Left	19.19	19.48	22.35	26.35
NR n41	30	90	DFT-256QAM	L	Inner_1RB_Right	19.17	19.52	22.36	26.36
NR n41	30	90	DFT-256QAM	L	Outer_Full	19.31	19.45	22.39	26.39
NR n41	30	90	DFT-QPSK	M	Inner_1RB_Left	24.01	23.59	26.82	30.82
NR n41	30	90	DFT-QPSK	M	Inner_1RB_Right	24.2	24.54	27.38	31.38
NR n41	30	90	DFT-QPSK	M	Outer_Full	22.81	22.47	25.65	29.65
NR n41	30	90	DFT-16QAM	M	Inner_1RB_Left	23.36	23.1	26.24	30.24
NR n41	30	90	DFT-16QAM	M	Inner_1RB_Right	23.54	23.87	26.72	30.72
NR n41	30	90	DFT-16QAM	M	Outer_Full	22.85	22.46	25.67	29.67
NR n41	30	90	DFT-64QAM	M	Inner_1RB_Left	22.28	21.63	24.98	28.98
NR n41	30	90	DFT-64QAM	M	Inner_1RB_Right	22.81	22.67	25.75	29.75
NR n41	30	90	DFT-64QAM	M	Outer_Full	22.24	22.32	25.29	29.29
NR n41	30	90	DFT-256QAM	M	Inner_1RB_Left	18.83	18.28	21.57	25.57
NR n41	30	90	DFT-256QAM	M	Inner_1RB_Right	19.18	19.48	22.34	26.34
NR n41	30	90	DFT-256QAM	M	Outer_Full	18.36	18.42	21.40	25.40
NR n41	30	90	DFT-QPSK	H	Inner_1RB_Left	23.85	23.75	26.81	30.81
NR n41	30	90	DFT-QPSK	H	Inner_1RB_Right	24.39	24.42	27.42	31.42
NR n41	30	90	DFT-QPSK	H	Outer_Full	22.75	22.78	25.78	29.78
NR n41	30	90	DFT-16QAM	H	Inner_1RB_Left	23.38	23.2	26.30	30.30
NR n41	30	90	DFT-16QAM	H	Inner_1RB_Right	23.89	23.63	26.77	30.77
NR n41	30	90	DFT-16QAM	H	Outer_Full	22.72	22.79	25.77	29.77
NR n41	30	90	DFT-64QAM	H	Inner_1RB_Left	22.04	21.99	25.03	29.03
NR n41	30	90	DFT-64QAM	H	Inner_1RB_Right	22.71	22.47	25.60	29.60
NR n41	30	90	DFT-64QAM	H	Outer_Full	22.12	22.25	25.20	29.20
NR n41	30	90	DFT-256QAM	H	Inner_1RB_Left	18.95	18.77	21.87	25.87
NR n41	30	90	DFT-256QAM	H	Inner_1RB_Right	19.38	19.29	22.35	26.35
NR n41	30	90	DFT-256QAM	H	Outer_Full	19.17	19.21	22.20	26.20

Note:

1. 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	24.21	23.56	26.91	30.91
NR n41	30	100	DFT-QPSK	L	Inner_1RB_Right	24.22	23.96	27.10	31.10
NR n41	30	100	DFT-QPSK	L	Outer_Full	22.93	21.95	25.48	29.48
NR n41	30	100	DFT-16QAM	L	Inner_1RB_Left	23.74	23.06	26.42	30.42
NR n41	30	100	DFT-16QAM	L	Inner_1RB_Right	23.96	23.36	26.68	30.68
NR n41	30	100	DFT-16QAM	L	Outer_Full	22.94	21.99	25.50	29.50
NR n41	30	100	DFT-64QAM	L	Inner_1RB_Left	22.76	21.64	25.25	29.25
NR n41	30	100	DFT-64QAM	L	Inner_1RB_Right	22.29	21.99	25.15	29.15
NR n41	30	100	DFT-64QAM	L	Outer_Full	22.48	21.52	25.04	29.04
NR n41	30	100	DFT-256QAM	L	Inner_1RB_Left	19.48	18.45	22.01	26.01
NR n41	30	100	DFT-256QAM	L	Inner_1RB_Right	19.12	18.84	21.99	25.99
NR n41	30	100	DFT-256QAM	L	Outer_Full	19.41	18.47	21.98	25.98
NR n41	30	100	DFT-QPSK	M	Inner_1RB_Left	24.03	23.47	26.77	30.77
NR n41	30	100	DFT-QPSK	M	Inner_1RB_Right	24.18	24.62	27.42	31.42
NR n41	30	100	DFT-QPSK	M	Outer_Full	22.81	22.53	25.68	29.68
NR n41	30	100	DFT-16QAM	M	Inner_1RB_Left	23.12	23.32	26.23	30.23
NR n41	30	100	DFT-16QAM	M	Inner_1RB_Right	23.84	23.98	26.92	30.92
NR n41	30	100	DFT-16QAM	M	Outer_Full	23.45	23.32	26.40	30.40
NR n41	30	100	DFT-64QAM	M	Inner_1RB_Left	22.38	21.58	25.01	29.01
NR n41	30	100	DFT-64QAM	M	Inner_1RB_Right	22.53	22.7	25.63	29.63
NR n41	30	100	DFT-64QAM	M	Outer_Full	21.65	21.42	24.55	28.55
NR n41	30	100	DFT-256QAM	M	Inner_1RB_Left	19.3	19.22	22.27	26.27
NR n41	30	100	DFT-256QAM	M	Inner_1RB_Right	19.32	19.25	22.30	26.30
NR n41	30	100	DFT-256QAM	M	Outer_Full	19.12	19.24	22.19	26.19
NR n41	30	100	DFT-QPSK	H	Inner_1RB_Left	23.93	23.32	26.65	30.65
NR n41	30	100	DFT-QPSK	H	Inner_1RB_Right	24.4	24.33	27.38	31.38
NR n41	30	100	DFT-QPSK	H	Outer_Full	22.76	22.72	25.75	29.75
NR n41	30	100	DFT-16QAM	H	Inner_1RB_Left	23.62	22.69	26.19	30.19
NR n41	30	100	DFT-16QAM	H	Inner_1RB_Right	23.87	23.56	26.73	30.73
NR n41	30	100	DFT-16QAM	H	Outer_Full	22.78	22.71	25.76	29.76
NR n41	30	100	DFT-64QAM	H	Inner_1RB_Left	22.22	21.51	24.89	28.89
NR n41	30	100	DFT-64QAM	H	Inner_1RB_Right	22.57	22.46	25.53	29.53
NR n41	30	100	DFT-64QAM	H	Outer_Full	22.32	22.26	25.30	29.30
NR n41	30	100	DFT-256QAM	H	Inner_1RB_Left	19.18	18.36	21.80	25.80
NR n41	30	100	DFT-256QAM	H	Inner_1RB_Right	19.68	19.32	22.51	26.51
NR n41	30	100	DFT-256QAM	H	Outer_Full	19.25	19.25	22.26	26.26

Note:

1. 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	23.42	28.02
NR n66	15	5	DFT-QPSK	L	Inner_1RB_Right	23.45	28.05
NR n66	15	5	DFT-QPSK	L	Outer_Full	22.61	27.21
NR n66	15	5	DFT-16QAM	L	Inner_1RB_Left	22.31	26.91
NR n66	15	5	DFT-16QAM	L	Inner_1RB_Right	22.38	26.98
NR n66	15	5	DFT-16QAM	L	Outer_Full	21.59	26.19
NR n66	15	5	DFT-64QAM	L	Inner_1RB_Left	20.49	25.09
NR n66	15	5	DFT-64QAM	L	Inner_1RB_Right	20.53	25.13
NR n66	15	5	DFT-64QAM	L	Outer_Full	21.13	25.73
NR n66	15	5	DFT-256QAM	L	Inner_1RB_Left	19.39	23.99
NR n66	15	5	DFT-256QAM	L	Inner_1RB_Right	19.4	24
NR n66	15	5	DFT-256QAM	L	Outer_Full	19.62	24.22
NR n66	15	5	DFT-QPSK	M	Inner_1RB_Left	23.46	28.06
NR n66	15	5	DFT-QPSK	M	Inner_1RB_Right	23.45	28.05
NR n66	15	5	DFT-QPSK	M	Outer_Full	22.71	27.31
NR n66	15	5	DFT-16QAM	M	Inner_1RB_Left	22.46	27.06
NR n66	15	5	DFT-16QAM	M	Inner_1RB_Right	22.49	27.09
NR n66	15	5	DFT-16QAM	M	Outer_Full	21.71	26.31
NR n66	15	5	DFT-64QAM	M	Inner_1RB_Left	20.64	25.24
NR n66	15	5	DFT-64QAM	M	Inner_1RB_Right	20.66	25.26
NR n66	15	5	DFT-64QAM	M	Outer_Full	21.2	25.8
NR n66	15	5	DFT-256QAM	M	Inner_1RB_Left	19.56	24.16
NR n66	15	5	DFT-256QAM	M	Inner_1RB_Right	19.54	24.14
NR n66	15	5	DFT-256QAM	M	Outer_Full	19.15	23.75
NR n66	15	5	DFT-QPSK	H	Inner_1RB_Left	23.27	27.87
NR n66	15	5	DFT-QPSK	H	Inner_1RB_Right	23.33	27.93
NR n66	15	5	DFT-QPSK	H	Outer_Full	22.43	27.03
NR n66	15	5	DFT-16QAM	H	Inner_1RB_Left	22.23	26.83
NR n66	15	5	DFT-16QAM	H	Inner_1RB_Right	22.3	26.9
NR n66	15	5	DFT-16QAM	H	Outer_Full	21.46	26.06
NR n66	15	5	DFT-64QAM	H	Inner_1RB_Left	20.36	24.96
NR n66	15	5	DFT-64QAM	H	Inner_1RB_Right	20.43	25.03
NR n66	15	5	DFT-64QAM	H	Outer_Full	20.95	25.55
NR n66	15	5	DFT-256QAM	H	Inner_1RB_Left	19.26	23.86
NR n66	15	5	DFT-256QAM	H	Inner_1RB_Right	19.33	23.93
NR n66	15	5	DFT-256QAM	H	Outer_Full	18.88	23.48

Note:

1. 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	23.44	28.04
NR n66	15	10	DFT-QPSK	L	Inner_1RB_Right	23.6	28.2
NR n66	15	10	DFT-QPSK	L	Outer_Full	22.6	27.2
NR n66	15	10	DFT-16QAM	L	Inner_1RB_Left	22.45	27.05
NR n66	15	10	DFT-16QAM	L	Inner_1RB_Right	22.57	27.17
NR n66	15	10	DFT-16QAM	L	Outer_Full	21.66	26.26
NR n66	15	10	DFT-64QAM	L	Inner_1RB_Left	20.57	25.17
NR n66	15	10	DFT-64QAM	L	Inner_1RB_Right	20.71	25.31
NR n66	15	10	DFT-64QAM	L	Outer_Full	21.15	25.75
NR n66	15	10	DFT-256QAM	L	Inner_1RB_Left	19.4	24
NR n66	15	10	DFT-256QAM	L	Inner_1RB_Right	19.5	24.1
NR n66	15	10	DFT-256QAM	L	Outer_Full	19.09	23.69
NR n66	15	10	DFT-QPSK	M	Inner_1RB_Left	23.46	28.06
NR n66	15	10	DFT-QPSK	M	Inner_1RB_Right	23.52	28.12
NR n66	15	10	DFT-QPSK	M	Outer_Full	22.65	27.25
NR n66	15	10	DFT-16QAM	M	Inner_1RB_Left	22.42	27.02
NR n66	15	10	DFT-16QAM	M	Inner_1RB_Right	22.48	27.08
NR n66	15	10	DFT-16QAM	M	Outer_Full	21.65	26.25
NR n66	15	10	DFT-64QAM	M	Inner_1RB_Left	20.56	25.16
NR n66	15	10	DFT-64QAM	M	Inner_1RB_Right	20.6	25.2
NR n66	15	10	DFT-64QAM	M	Outer_Full	21.24	25.84
NR n66	15	10	DFT-256QAM	M	Inner_1RB_Left	19.43	24.03
NR n66	15	10	DFT-256QAM	M	Inner_1RB_Right	19.32	23.92
NR n66	15	10	DFT-256QAM	M	Outer_Full	19.23	23.83
NR n66	15	10	DFT-QPSK	H	Inner_1RB_Left	23.3	27.9
NR n66	15	10	DFT-QPSK	H	Inner_1RB_Right	23.43	28.03
NR n66	15	10	DFT-QPSK	H	Outer_Full	22.44	27.04
NR n66	15	10	DFT-16QAM	H	Inner_1RB_Left	22.22	26.82
NR n66	15	10	DFT-16QAM	H	Inner_1RB_Right	22.37	26.97
NR n66	15	10	DFT-16QAM	H	Outer_Full	21.45	26.05
NR n66	15	10	DFT-64QAM	H	Inner_1RB_Left	20.35	24.95
NR n66	15	10	DFT-64QAM	H	Inner_1RB_Right	20.53	25.13
NR n66	15	10	DFT-64QAM	H	Outer_Full	21.02	25.62
NR n66	15	10	DFT-256QAM	H	Inner_1RB_Left	19.24	23.84
NR n66	15	10	DFT-256QAM	H	Inner_1RB_Right	18.4	23
NR n66	15	10	DFT-256QAM	H	Outer_Full	19.01	23.61

Note:

1. 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	23.4	28
NR n66	15	15	DFT-QPSK	L	Inner_1RB_Right	23.59	28.19
NR n66	15	15	DFT-QPSK	L	Outer_Full	22.64	27.24
NR n66	15	15	DFT-16QAM	L	Inner_1RB_Left	22.27	26.87
NR n66	15	15	DFT-16QAM	L	Inner_1RB_Right	22.48	27.08
NR n66	15	15	DFT-16QAM	L	Outer_Full	21.66	26.26
NR n66	15	15	DFT-64QAM	L	Inner_1RB_Left	20.46	25.06
NR n66	15	15	DFT-64QAM	L	Inner_1RB_Right	20.69	25.29
NR n66	15	15	DFT-64QAM	L	Outer_Full	21.14	25.74
NR n66	15	15	DFT-256QAM	L	Inner_1RB_Left	19.35	23.95
NR n66	15	15	DFT-256QAM	L	Inner_1RB_Right	19.64	24.24
NR n66	15	15	DFT-256QAM	L	Outer_Full	19.14	23.74
NR n66	15	15	DFT-QPSK	M	Inner_1RB_Left	23.51	28.11
NR n66	15	15	DFT-QPSK	M	Inner_1RB_Right	23.54	28.14
NR n66	15	15	DFT-QPSK	M	Outer_Full	22.66	27.26
NR n66	15	15	DFT-16QAM	M	Inner_1RB_Left	22.45	27.05
NR n66	15	15	DFT-16QAM	M	Inner_1RB_Right	22.5	27.1
NR n66	15	15	DFT-16QAM	M	Outer_Full	21.67	26.27
NR n66	15	15	DFT-64QAM	M	Inner_1RB_Left	20.54	25.14
NR n66	15	15	DFT-64QAM	M	Inner_1RB_Right	20.69	25.29
NR n66	15	15	DFT-64QAM	M	Outer_Full	21.2	25.8
NR n66	15	15	DFT-256QAM	M	Inner_1RB_Left	19.44	24.04
NR n66	15	15	DFT-256QAM	M	Inner_1RB_Right	19.52	24.12
NR n66	15	15	DFT-256QAM	M	Outer_Full	19.15	23.75
NR n66	15	15	DFT-QPSK	H	Inner_1RB_Left	23.33	27.93
NR n66	15	15	DFT-QPSK	H	Inner_1RB_Right	23.52	28.12
NR n66	15	15	DFT-QPSK	H	Outer_Full	22.52	27.12
NR n66	15	15	DFT-16QAM	H	Inner_1RB_Left	22.33	26.93
NR n66	15	15	DFT-16QAM	H	Inner_1RB_Right	22.44	27.04
NR n66	15	15	DFT-16QAM	H	Outer_Full	21.47	26.07
NR n66	15	15	DFT-64QAM	H	Inner_1RB_Left	20.5	25.1
NR n66	15	15	DFT-64QAM	H	Inner_1RB_Right	19.03	23.63
NR n66	15	15	DFT-64QAM	H	Outer_Full	21.09	25.69
NR n66	15	15	DFT-256QAM	H	Inner_1RB_Left	19.34	23.94
NR n66	15	15	DFT-256QAM	H	Inner_1RB_Right	19.46	24.06
NR n66	15	15	DFT-256QAM	H	Outer_Full	19	23.6

Note:

1. 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	23.48	28.08
NR n66	15	20	DFT-QPSK	L	Inner_1RB_Right	23.67	28.27
NR n66	15	20	DFT-QPSK	L	Outer_Full	22.67	27.27
NR n66	15	20	DFT-16QAM	L	Inner_1RB_Left	22.42	27.02
NR n66	15	20	DFT-16QAM	L	Inner_1RB_Right	22.61	27.21
NR n66	15	20	DFT-16QAM	L	Outer_Full	21.68	26.28
NR n66	15	20	DFT-64QAM	L	Inner_1RB_Left	20.55	25.15
NR n66	15	20	DFT-64QAM	L	Inner_1RB_Right	20.75	25.35
NR n66	15	20	DFT-64QAM	L	Outer_Full	21.23	25.83
NR n66	15	20	DFT-256QAM	L	Inner_1RB_Left	21.26	25.86
NR n66	15	20	DFT-256QAM	L	Inner_1RB_Right	19.69	24.29
NR n66	15	20	DFT-256QAM	L	Outer_Full	19.23	23.83
NR n66	15	20	DFT-QPSK	M	Inner_1RB_Left	23.51	28.11
NR n66	15	20	DFT-QPSK	M	Inner_1RB_Right	23.62	28.22
NR n66	15	20	DFT-QPSK	M	Outer_Full	22.76	27.36
NR n66	15	20	DFT-16QAM	M	Inner_1RB_Left	22.51	27.11
NR n66	15	20	DFT-16QAM	M	Inner_1RB_Right	22.64	27.24
NR n66	15	20	DFT-16QAM	M	Outer_Full	21.69	26.29
NR n66	15	20	DFT-64QAM	M	Inner_1RB_Left	20.55	25.15
NR n66	15	20	DFT-64QAM	M	Inner_1RB_Right	20.69	25.29
NR n66	15	20	DFT-64QAM	M	Outer_Full	21.27	25.87
NR n66	15	20	DFT-256QAM	M	Inner_1RB_Left	19.52	24.12
NR n66	15	20	DFT-256QAM	M	Inner_1RB_Right	19.61	24.21
NR n66	15	20	DFT-256QAM	M	Outer_Full	19.16	23.76
NR n66	15	20	DFT-QPSK	H	Inner_1RB_Left	23.42	28.02
NR n66	15	20	DFT-QPSK	H	Inner_1RB_Right	23.55	28.15
NR n66	15	20	DFT-QPSK	H	Outer_Full	22.52	27.12
NR n66	15	20	DFT-16QAM	H	Inner_1RB_Left	22.39	26.99
NR n66	15	20	DFT-16QAM	H	Inner_1RB_Right	22.48	27.08
NR n66	15	20	DFT-16QAM	H	Outer_Full	21.56	26.16
NR n66	15	20	DFT-64QAM	H	Inner_1RB_Left	20.52	25.12
NR n66	15	20	DFT-64QAM	H	Inner_1RB_Right	20.65	25.25
NR n66	15	20	DFT-64QAM	H	Outer_Full	21.02	25.62
NR n66	15	20	DFT-256QAM	H	Inner_1RB_Left	19.44	24.04
NR n66	15	20	DFT-256QAM	H	Inner_1RB_Right	19.54	24.14
NR n66	15	20	DFT-256QAM	H	Outer_Full	18.99	23.59

Note:

1. 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	22.73	27.33
NR n66	15	25	DFT-QPSK	L	Inner_1RB_Right	22.96	27.56
NR n66	15	25	DFT-QPSK	L	Outer_Full	22.41	27.01
NR n66	15	25	DFT-16QAM	L	Inner_1RB_Left	21.62	26.22
NR n66	15	25	DFT-16QAM	L	Inner_1RB_Right	21.9	26.5
NR n66	15	25	DFT-16QAM	L	Outer_Full	21.44	26.04
NR n66	15	25	DFT-64QAM	L	Inner_1RB_Left	19.78	24.38
NR n66	15	25	DFT-64QAM	L	Inner_1RB_Right	20.01	24.61
NR n66	15	25	DFT-64QAM	L	Outer_Full	20.93	25.53
NR n66	15	25	DFT-256QAM	L	Inner_1RB_Left	18.73	23.33
NR n66	15	25	DFT-256QAM	L	Inner_1RB_Right	18.98	23.58
NR n66	15	25	DFT-256QAM	L	Outer_Full	18.92	23.52
NR n66	15	25	DFT-QPSK	M	Inner_1RB_Left	22.85	27.45
NR n66	15	25	DFT-QPSK	M	Inner_1RB_Right	22.89	27.49
NR n66	15	25	DFT-QPSK	M	Outer_Full	22.32	26.92
NR n66	15	25	DFT-16QAM	M	Inner_1RB_Left	21.73	26.33
NR n66	15	25	DFT-16QAM	M	Inner_1RB_Right	21.76	26.36
NR n66	15	25	DFT-16QAM	M	Outer_Full	21.37	25.97
NR n66	15	25	DFT-64QAM	M	Inner_1RB_Left	19.86	24.46
NR n66	15	25	DFT-64QAM	M	Inner_1RB_Right	19.92	24.52
NR n66	15	25	DFT-64QAM	M	Outer_Full	20.81	25.41
NR n66	15	25	DFT-256QAM	M	Inner_1RB_Left	18.77	23.37
NR n66	15	25	DFT-256QAM	M	Inner_1RB_Right	18.9	23.5
NR n66	15	25	DFT-256QAM	M	Outer_Full	18.79	23.39
NR n66	15	25	DFT-QPSK	H	Inner_1RB_Left	22.72	27.32
NR n66	15	25	DFT-QPSK	H	Inner_1RB_Right	22.81	27.41
NR n66	15	25	DFT-QPSK	H	Outer_Full	22.25	26.85
NR n66	15	25	DFT-16QAM	H	Inner_1RB_Left	21.95	26.55
NR n66	15	25	DFT-16QAM	H	Inner_1RB_Right	21.82	26.42
NR n66	15	25	DFT-16QAM	H	Outer_Full	21.42	26.02
NR n66	15	25	DFT-64QAM	H	Inner_1RB_Left	21.28	25.88
NR n66	15	25	DFT-64QAM	H	Inner_1RB_Right	21.15	25.75
NR n66	15	25	DFT-64QAM	H	Outer_Full	20.53	25.13
NR n66	15	25	DFT-256QAM	H	Inner_1RB_Left	18.65	23.25
NR n66	15	25	DFT-256QAM	H	Inner_1RB_Right	18.8	23.4
NR n66	15	25	DFT-256QAM	H	Outer_Full	19.15	23.75

Note:

1. 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	23.36	27.96
NR n66	15	30	DFT-QPSK	L	Inner_1RB_Right	23.59	28.19
NR n66	15	30	DFT-QPSK	L	Outer_Full	22.68	27.28
NR n66	15	30	DFT-16QAM	L	Inner_1RB_Left	22.31	26.91
NR n66	15	30	DFT-16QAM	L	Inner_1RB_Right	22.56	27.16
NR n66	15	30	DFT-16QAM	L	Outer_Full	21.65	26.25
NR n66	15	30	DFT-64QAM	L	Inner_1RB_Left	20.44	25.04
NR n66	15	30	DFT-64QAM	L	Inner_1RB_Right	20.73	25.33
NR n66	15	30	DFT-64QAM	L	Outer_Full	21.24	25.84
NR n66	15	30	DFT-256QAM	L	Inner_1RB_Left	19.38	23.98
NR n66	15	30	DFT-256QAM	L	Inner_1RB_Right	19.64	24.24
NR n66	15	30	DFT-256QAM	L	Outer_Full	19.14	23.74
NR n66	15	30	DFT-QPSK	M	Inner_1RB_Left	23.62	28.22
NR n66	15	30	DFT-QPSK	M	Inner_1RB_Right	23.5	28.1
NR n66	15	30	DFT-QPSK	M	Outer_Full	22.56	27.16
NR n66	15	30	DFT-16QAM	M	Inner_1RB_Left	22.36	26.96
NR n66	15	30	DFT-16QAM	M	Inner_1RB_Right	22.49	27.09
NR n66	15	30	DFT-16QAM	M	Outer_Full	21.6	26.2
NR n66	15	30	DFT-64QAM	M	Inner_1RB_Left	20.52	25.12
NR n66	15	30	DFT-64QAM	M	Inner_1RB_Right	20.63	25.23
NR n66	15	30	DFT-64QAM	M	Outer_Full	20.32	24.92
NR n66	15	30	DFT-256QAM	M	Inner_1RB_Left	21.22	25.82
NR n66	15	30	DFT-256QAM	M	Inner_1RB_Right	19.55	24.15
NR n66	15	30	DFT-256QAM	M	Outer_Full	19.33	23.93
NR n66	15	30	DFT-QPSK	H	Inner_1RB_Left	23.38	27.98
NR n66	15	30	DFT-QPSK	H	Inner_1RB_Right	23.46	28.06
NR n66	15	30	DFT-QPSK	H	Outer_Full	22.88	27.48
NR n66	15	30	DFT-16QAM	H	Inner_1RB_Left	22.32	26.92
NR n66	15	30	DFT-16QAM	H	Inner_1RB_Right	22.51	27.11
NR n66	15	30	DFT-16QAM	H	Outer_Full	22.19	26.79
NR n66	15	30	DFT-64QAM	H	Inner_1RB_Left	22.08	26.68
NR n66	15	30	DFT-64QAM	H	Inner_1RB_Right	21.93	26.53
NR n66	15	30	DFT-64QAM	H	Outer_Full	21.32	25.92
NR n66	15	30	DFT-256QAM	H	Inner_1RB_Left	19.36	23.96
NR n66	15	30	DFT-256QAM	H	Inner_1RB_Right	19.48	24.08
NR n66	15	30	DFT-256QAM	H	Outer_Full	18.99	23.59

Note:

1. 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	23.47	28.07
NR n66	15	40	DFT-QPSK	L	Inner_1RB_Right	23.68	28.28
NR n66	15	40	DFT-QPSK	L	Outer_Full	23.32	27.92
NR n66	15	40	DFT-16QAM	L	Inner_1RB_Left	22.86	27.46
NR n66	15	40	DFT-16QAM	L	Inner_1RB_Right	22.62	27.22
NR n66	15	40	DFT-16QAM	L	Outer_Full	22.51	27.11
NR n66	15	40	DFT-64QAM	L	Inner_1RB_Left	21.84	26.44
NR n66	15	40	DFT-64QAM	L	Inner_1RB_Right	21.93	26.53
NR n66	15	40	DFT-64QAM	L	Outer_Full	21.15	25.75
NR n66	15	40	DFT-256QAM	L	Inner_1RB_Left	19.46	24.06
NR n66	15	40	DFT-256QAM	L	Inner_1RB_Right	19.73	24.33
NR n66	15	40	DFT-256QAM	L	Outer_Full	19.15	23.75
NR n66	15	40	DFT-QPSK	M	Inner_1RB_Left	23.49	28.09
NR n66	15	40	DFT-QPSK	M	Inner_1RB_Right	23.6	28.2
NR n66	15	40	DFT-QPSK	M	Outer_Full	22.58	27.18
NR n66	15	40	DFT-16QAM	M	Inner_1RB_Left	22.45	27.05
NR n66	15	40	DFT-16QAM	M	Inner_1RB_Right	22.57	27.17
NR n66	15	40	DFT-16QAM	M	Outer_Full	21.61	26.21
NR n66	15	40	DFT-64QAM	M	Inner_1RB_Left	20.57	25.17
NR n66	15	40	DFT-64QAM	M	Inner_1RB_Right	20.74	25.34
NR n66	15	40	DFT-64QAM	M	Outer_Full	21.11	25.71
NR n66	15	40	DFT-256QAM	M	Inner_1RB_Left	19.54	24.14
NR n66	15	40	DFT-256QAM	M	Inner_1RB_Right	19.65	24.25
NR n66	15	40	DFT-256QAM	M	Outer_Full	19.06	23.66
NR n66	15	40	DFT-QPSK	H	Inner_1RB_Left	23.49	28.09
NR n66	15	40	DFT-QPSK	H	Inner_1RB_Right	23.61	28.21
NR n66	15	40	DFT-QPSK	H	Outer_Full	22.6	27.2
NR n66	15	40	DFT-16QAM	H	Inner_1RB_Left	22.47	27.07
NR n66	15	40	DFT-16QAM	H	Inner_1RB_Right	22.52	27.12
NR n66	15	40	DFT-16QAM	H	Outer_Full	21.65	26.25
NR n66	15	40	DFT-64QAM	H	Inner_1RB_Left	20.56	25.16
NR n66	15	40	DFT-64QAM	H	Inner_1RB_Right	20.62	25.22
NR n66	15	40	DFT-64QAM	H	Outer_Full	20.15	24.75
NR n66	15	40	DFT-256QAM	H	Inner_1RB_Left	19.66	24.26
NR n66	15	40	DFT-256QAM	H	Inner_1RB_Right	19.71	24.31
NR n66	15	40	DFT-256QAM	H	Outer_Full	19.62	24.22

Note:

1. 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	22.99	27.59
NR n66	30	40	DFT-QPSK	L	Inner_1RB_Right	23.19	27.79
NR n66	30	40	DFT-QPSK	L	Outer_Full	22.84	27.44
NR n66	30	40	DFT-16QAM	L	Inner_1RB_Left	22.39	26.99
NR n66	30	40	DFT-16QAM	L	Inner_1RB_Right	22.15	26.75
NR n66	30	40	DFT-16QAM	L	Outer_Full	22.05	26.65
NR n66	30	40	DFT-64QAM	L	Inner_1RB_Left	21.39	25.99
NR n66	30	40	DFT-64QAM	L	Inner_1RB_Right	21.48	26.08
NR n66	30	40	DFT-64QAM	L	Outer_Full	20.71	25.31
NR n66	30	40	DFT-256QAM	L	Inner_1RB_Left	19.06	23.66
NR n66	30	40	DFT-256QAM	L	Inner_1RB_Right	19.32	23.92
NR n66	30	40	DFT-256QAM	L	Outer_Full	18.75	23.35
NR n66	30	40	DFT-QPSK	M	Inner_1RB_Left	23.01	27.61
NR n66	30	40	DFT-QPSK	M	Inner_1RB_Right	23.11	27.71
NR n66	30	40	DFT-QPSK	M	Outer_Full	22.11	26.71
NR n66	30	40	DFT-16QAM	M	Inner_1RB_Left	21.99	26.59
NR n66	30	40	DFT-16QAM	M	Inner_1RB_Right	22.1	26.7
NR n66	30	40	DFT-16QAM	M	Outer_Full	21.16	25.76
NR n66	30	40	DFT-64QAM	M	Inner_1RB_Left	20.14	24.74
NR n66	30	40	DFT-64QAM	M	Inner_1RB_Right	20.31	24.91
NR n66	30	40	DFT-64QAM	M	Outer_Full	20.67	25.27
NR n66	30	40	DFT-256QAM	M	Inner_1RB_Left	19.14	23.74
NR n66	30	40	DFT-256QAM	M	Inner_1RB_Right	19.24	23.84
NR n66	30	40	DFT-256QAM	M	Outer_Full	18.66	23.26
NR n66	30	40	DFT-QPSK	H	Inner_1RB_Left	23.01	27.61
NR n66	30	40	DFT-QPSK	H	Inner_1RB_Right	23.12	27.72
NR n66	30	40	DFT-QPSK	H	Outer_Full	22.13	26.73
NR n66	30	40	DFT-16QAM	H	Inner_1RB_Left	22.01	26.61
NR n66	30	40	DFT-16QAM	H	Inner_1RB_Right	22.06	26.66
NR n66	30	40	DFT-16QAM	H	Outer_Full	21.2	25.8
NR n66	30	40	DFT-64QAM	H	Inner_1RB_Left	20.13	24.73
NR n66	30	40	DFT-64QAM	H	Inner_1RB_Right	20.19	24.79
NR n66	30	40	DFT-64QAM	H	Outer_Full	19.73	24.33
NR n66	30	40	DFT-256QAM	H	Inner_1RB_Left	19.25	23.85
NR n66	30	40	DFT-256QAM	H	Inner_1RB_Right	19.3	23.9
NR n66	30	40	DFT-256QAM	H	Outer_Full	19.21	23.81

Note:

1. 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	24.25
NR n71	15	5	DFT-QPSK	L	Inner_1RB_Right	24.57	24.32
NR n71	15	5	DFT-QPSK	L	Outer_Full	23.62	23.37
NR n71	15	5	DFT-16QAM	L	Inner_1RB_Left	23.61	23.36
NR n71	15	5	DFT-16QAM	L	Inner_1RB_Right	23.68	23.43
NR n71	15	5	DFT-16QAM	L	Outer_Full	22.65	22.4
NR n71	15	5	DFT-64QAM	L	Inner_1RB_Left	22.02	21.77
NR n71	15	5	DFT-64QAM	L	Inner_1RB_Right	21.99	21.74
NR n71	15	5	DFT-64QAM	L	Outer_Full	22.14	21.89
NR n71	15	5	DFT-256QAM	L	Inner_1RB_Left	20.08	19.83
NR n71	15	5	DFT-256QAM	L	Inner_1RB_Right	20.1	19.85
NR n71	15	5	DFT-256QAM	L	Outer_Full	20.19	19.94
NR n71	15	5	DFT-QPSK	M	Inner_1RB_Left	24.51	24.26
NR n71	15	5	DFT-QPSK	M	Inner_1RB_Right	24.55	24.3
NR n71	15	5	DFT-QPSK	M	Outer_Full	23.61	23.36
NR n71	15	5	DFT-16QAM	M	Inner_1RB_Left	23.64	23.39
NR n71	15	5	DFT-16QAM	M	Inner_1RB_Right	23.55	23.3
NR n71	15	5	DFT-16QAM	M	Outer_Full	22.63	22.38
NR n71	15	5	DFT-64QAM	M	Inner_1RB_Left	22.63	22.38
NR n71	15	5	DFT-64QAM	M	Inner_1RB_Right	22.54	22.29
NR n71	15	5	DFT-64QAM	M	Outer_Full	22.32	22.07
NR n71	15	5	DFT-256QAM	M	Inner_1RB_Left	20.05	19.8
NR n71	15	5	DFT-256QAM	M	Inner_1RB_Right	20.07	19.82
NR n71	15	5	DFT-256QAM	M	Outer_Full	20.12	19.87
NR n71	15	5	DFT-QPSK	H	Inner_1RB_Left	24.49	24.24
NR n71	15	5	DFT-QPSK	H	Inner_1RB_Right	24.54	24.29
NR n71	15	5	DFT-QPSK	H	Outer_Full	23.61	23.36
NR n71	15	5	DFT-16QAM	H	Inner_1RB_Left	23.63	23.38
NR n71	15	5	DFT-16QAM	H	Inner_1RB_Right	23.63	23.38
NR n71	15	5	DFT-16QAM	H	Outer_Full	22.69	22.44
NR n71	15	5	DFT-64QAM	H	Inner_1RB_Left	21.94	21.69
NR n71	15	5	DFT-64QAM	H	Inner_1RB_Right	21.98	21.73
NR n71	15	5	DFT-64QAM	H	Outer_Full	22.16	21.91
NR n71	15	5	DFT-256QAM	H	Inner_1RB_Left	20.01	19.76
NR n71	15	5	DFT-256QAM	H	Inner_1RB_Right	20.04	19.79
NR n71	15	5	DFT-256QAM	H	Outer_Full	20.23	19.98

**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	24.26
NR n71	15	10	DFT-QPSK	L	Inner_1RB_Right	24.6	24.35
NR n71	15	10	DFT-QPSK	L	Outer_Full	23.53	23.28
NR n71	15	10	DFT-16QAM	L	Inner_1RB_Left	23.61	23.36
NR n71	15	10	DFT-16QAM	L	Inner_1RB_Right	23.69	23.44
NR n71	15	10	DFT-16QAM	L	Outer_Full	22.52	22.27
NR n71	15	10	DFT-64QAM	L	Inner_1RB_Left	22.02	21.77
NR n71	15	10	DFT-64QAM	L	Inner_1RB_Right	22.07	21.82
NR n71	15	10	DFT-64QAM	L	Outer_Full	22.04	21.79
NR n71	15	10	DFT-256QAM	L	Inner_1RB_Left	20.05	19.8
NR n71	15	10	DFT-256QAM	L	Inner_1RB_Right	19.67	19.42
NR n71	15	10	DFT-256QAM	L	Outer_Full	20.01	19.76
NR n71	15	10	DFT-QPSK	M	Inner_1RB_Left	24.57	24.32
NR n71	15	10	DFT-QPSK	M	Inner_1RB_Right	24.59	24.34
NR n71	15	10	DFT-QPSK	M	Outer_Full	23.67	23.42
NR n71	15	10	DFT-16QAM	M	Inner_1RB_Left	23.66	23.41
NR n71	15	10	DFT-16QAM	M	Inner_1RB_Right	23.71	23.46
NR n71	15	10	DFT-16QAM	M	Outer_Full	22.68	22.43
NR n71	15	10	DFT-64QAM	M	Inner_1RB_Left	21.97	21.72
NR n71	15	10	DFT-64QAM	M	Inner_1RB_Right	20.46	20.21
NR n71	15	10	DFT-64QAM	M	Outer_Full	20.32	20.07
NR n71	15	10	DFT-256QAM	M	Inner_1RB_Left	20.07	19.82
NR n71	15	10	DFT-256QAM	M	Inner_1RB_Right	20.13	19.88
NR n71	15	10	DFT-256QAM	M	Outer_Full	20.18	19.93
NR n71	15	10	DFT-QPSK	H	Inner_1RB_Left	24.5	24.25
NR n71	15	10	DFT-QPSK	H	Inner_1RB_Right	24.63	24.38
NR n71	15	10	DFT-QPSK	H	Outer_Full	23.66	23.41
NR n71	15	10	DFT-16QAM	H	Inner_1RB_Left	23.6	23.35
NR n71	15	10	DFT-16QAM	H	Inner_1RB_Right	23.72	23.47
NR n71	15	10	DFT-16QAM	H	Outer_Full	22.66	22.41
NR n71	15	10	DFT-64QAM	H	Inner_1RB_Left	21.9	21.65
NR n71	15	10	DFT-64QAM	H	Inner_1RB_Right	21.52	21.27
NR n71	15	10	DFT-64QAM	H	Outer_Full	21.32	21.07
NR n71	15	10	DFT-256QAM	H	Inner_1RB_Left	20.01	19.76
NR n71	15	10	DFT-256QAM	H	Inner_1RB_Right	20.15	19.9
NR n71	15	10	DFT-256QAM	H	Outer_Full	20.18	19.93

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



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	24.31
NR n71	15	15	DFT-QPSK	L	Inner_1RB_Right	24.57	24.32
NR n71	15	15	DFT-QPSK	L	Outer_Full	23.57	23.32
NR n71	15	15	DFT-16QAM	L	Inner_1RB_Left	23.55	23.3
NR n71	15	15	DFT-16QAM	L	Inner_1RB_Right	23.69	23.44
NR n71	15	15	DFT-16QAM	L	Outer_Full	22.55	22.3
NR n71	15	15	DFT-64QAM	L	Inner_1RB_Left	21.97	21.72
NR n71	15	15	DFT-64QAM	L	Inner_1RB_Right	20.49	20.24
NR n71	15	15	DFT-64QAM	L	Outer_Full	22.08	21.83
NR n71	15	15	DFT-256QAM	L	Inner_1RB_Left	20.05	19.8
NR n71	15	15	DFT-256QAM	L	Inner_1RB_Right	20.15	19.9
NR n71	15	15	DFT-256QAM	L	Outer_Full	20.05	19.8
NR n71	15	15	DFT-QPSK	M	Inner_1RB_Left	24.52	24.27
NR n71	15	15	DFT-QPSK	M	Inner_1RB_Right	24.61	24.36
NR n71	15	15	DFT-QPSK	M	Outer_Full	23.65	23.4
NR n71	15	15	DFT-16QAM	M	Inner_1RB_Left	23.63	23.38
NR n71	15	15	DFT-16QAM	M	Inner_1RB_Right	23.52	23.27
NR n71	15	15	DFT-16QAM	M	Outer_Full	23.14	22.89
NR n71	15	15	DFT-64QAM	M	Inner_1RB_Left	22.52	22.27
NR n71	15	15	DFT-64QAM	M	Inner_1RB_Right	22.63	22.38
NR n71	15	15	DFT-64QAM	M	Outer_Full	22.02	21.77
NR n71	15	15	DFT-256QAM	M	Inner_1RB_Left	20.04	19.79
NR n71	15	15	DFT-256QAM	M	Inner_1RB_Right	20.17	19.92
NR n71	15	15	DFT-256QAM	M	Outer_Full	20.16	19.91
NR n71	15	15	DFT-QPSK	H	Inner_1RB_Left	24.48	24.23
NR n71	15	15	DFT-QPSK	H	Inner_1RB_Right	24.62	24.37
NR n71	15	15	DFT-QPSK	H	Outer_Full	23.85	23.6
NR n71	15	15	DFT-16QAM	H	Inner_1RB_Left	23.25	23
NR n71	15	15	DFT-16QAM	H	Inner_1RB_Right	23.12	22.87
NR n71	15	15	DFT-16QAM	H	Outer_Full	23.02	22.77
NR n71	15	15	DFT-64QAM	H	Inner_1RB_Left	22.21	21.96
NR n71	15	15	DFT-64QAM	H	Inner_1RB_Right	22.12	21.87
NR n71	15	15	DFT-64QAM	H	Outer_Full	21.85	21.6
NR n71	15	15	DFT-256QAM	H	Inner_1RB_Left	20.01	19.76
NR n71	15	15	DFT-256QAM	H	Inner_1RB_Right	20.18	19.93
NR n71	15	15	DFT-256QAM	H	Outer_Full	20.14	19.89

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	24.07
NR n71	15	20	DFT-QPSK	L	Inner_1RB_Right	24.69	24.44
NR n71	15	20	DFT-QPSK	L	Outer_Full	23.54	23.29
NR n71	15	20	DFT-16QAM	L	Inner_1RB_Left	23.68	23.43
NR n71	15	20	DFT-16QAM	L	Inner_1RB_Right	23.82	23.57
NR n71	15	20	DFT-16QAM	L	Outer_Full	22.55	22.3
NR n71	15	20	DFT-64QAM	L	Inner_1RB_Left	21.23	20.98
NR n71	15	20	DFT-64QAM	L	Inner_1RB_Right	21.25	21
NR n71	15	20	DFT-64QAM	L	Outer_Full	20.32	20.07
NR n71	15	20	DFT-256QAM	L	Inner_1RB_Left	20.11	19.86
NR n71	15	20	DFT-256QAM	L	Inner_1RB_Right	20.24	19.99
NR n71	15	20	DFT-256QAM	L	Outer_Full	20.06	19.81
NR n71	15	20	DFT-QPSK	M	Inner_1RB_Left	24.58	24.33
NR n71	15	20	DFT-QPSK	M	Inner_1RB_Right	24.71	24.46
NR n71	15	20	DFT-QPSK	M	Outer_Full	23.67	23.42
NR n71	15	20	DFT-16QAM	M	Inner_1RB_Left	23.72	23.47
NR n71	15	20	DFT-16QAM	M	Inner_1RB_Right	23.82	23.57
NR n71	15	20	DFT-16QAM	M	Outer_Full	22.7	22.45
NR n71	15	20	DFT-64QAM	M	Inner_1RB_Left	22.06	21.81
NR n71	15	20	DFT-64QAM	M	Inner_1RB_Right	22.13	21.88
NR n71	15	20	DFT-64QAM	M	Outer_Full	22.2	21.95
NR n71	15	20	DFT-256QAM	M	Inner_1RB_Left	20.17	19.92
NR n71	15	20	DFT-256QAM	M	Inner_1RB_Right	20.28	20.03
NR n71	15	20	DFT-256QAM	M	Outer_Full	20.2	19.95
NR n71	15	20	DFT-QPSK	H	Inner_1RB_Left	24.57	24.32
NR n71	15	20	DFT-QPSK	H	Inner_1RB_Right	24.7	24.45
NR n71	15	20	DFT-QPSK	H	Outer_Full	23.59	23.34
NR n71	15	20	DFT-16QAM	H	Inner_1RB_Left	23.12	22.87
NR n71	15	20	DFT-16QAM	H	Inner_1RB_Right	23.02	22.77
NR n71	15	20	DFT-16QAM	H	Outer_Full	22.98	22.73
NR n71	15	20	DFT-64QAM	H	Inner_1RB_Left	22.23	21.98
NR n71	15	20	DFT-64QAM	H	Inner_1RB_Right	22.32	22.07
NR n71	15	20	DFT-64QAM	H	Outer_Full	21.85	21.6
NR n71	15	20	DFT-256QAM	H	Inner_1RB_Left	20.13	19.88
NR n71	15	20	DFT-256QAM	H	Inner_1RB_Right	20.28	20.03
NR n71	15	20	DFT-256QAM	H	Outer_Full	20.32	20.07

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	23.58
NR n71	30	20	DFT-QPSK	L	Inner_1RB_Right	24.2	23.95
NR n71	30	20	DFT-QPSK	L	Outer_Full	23.07	22.82
NR n71	30	20	DFT-16QAM	L	Inner_1RB_Left	23.21	22.96
NR n71	30	20	DFT-16QAM	L	Inner_1RB_Right	23.34	23.09
NR n71	30	20	DFT-16QAM	L	Outer_Full	22.1	21.85
NR n71	30	20	DFT-64QAM	L	Inner_1RB_Left	20.81	20.56
NR n71	30	20	DFT-64QAM	L	Inner_1RB_Right	20.83	20.58
NR n71	30	20	DFT-64QAM	L	Outer_Full	19.91	19.66
NR n71	30	20	DFT-256QAM	L	Inner_1RB_Left	19.71	19.46
NR n71	30	20	DFT-256QAM	L	Inner_1RB_Right	19.84	19.59
NR n71	30	20	DFT-256QAM	L	Outer_Full	19.66	19.41
NR n71	30	20	DFT-QPSK	M	Inner_1RB_Left	24.09	23.84
NR n71	30	20	DFT-QPSK	M	Inner_1RB_Right	24.22	23.97
NR n71	30	20	DFT-QPSK	M	Outer_Full	23.2	22.95
NR n71	30	20	DFT-16QAM	M	Inner_1RB_Left	23.25	23
NR n71	30	20	DFT-16QAM	M	Inner_1RB_Right	23.34	23.09
NR n71	30	20	DFT-16QAM	M	Outer_Full	22.25	22
NR n71	30	20	DFT-64QAM	M	Inner_1RB_Left	21.62	21.37
NR n71	30	20	DFT-64QAM	M	Inner_1RB_Right	21.69	21.44
NR n71	30	20	DFT-64QAM	M	Outer_Full	21.76	21.51
NR n71	30	20	DFT-256QAM	M	Inner_1RB_Left	19.77	19.52
NR n71	30	20	DFT-256QAM	M	Inner_1RB_Right	19.87	19.62
NR n71	30	20	DFT-256QAM	M	Outer_Full	19.8	19.55
NR n71	30	20	DFT-QPSK	H	Inner_1RB_Left	24.08	23.83
NR n71	30	20	DFT-QPSK	H	Inner_1RB_Right	24.21	23.96
NR n71	30	20	DFT-QPSK	H	Outer_Full	23.12	22.87
NR n71	30	20	DFT-16QAM	H	Inner_1RB_Left	22.66	22.41
NR n71	30	20	DFT-16QAM	H	Inner_1RB_Right	22.56	22.31
NR n71	30	20	DFT-16QAM	H	Outer_Full	22.52	22.27
NR n71	30	20	DFT-64QAM	H	Inner_1RB_Left	21.79	21.54
NR n71	30	20	DFT-64QAM	H	Inner_1RB_Right	21.87	21.62
NR n71	30	20	DFT-64QAM	H	Outer_Full	21.41	21.16
NR n71	30	20	DFT-256QAM	H	Inner_1RB_Left	19.73	19.48
NR n71	30	20	DFT-256QAM	H	Inner_1RB_Right	19.87	19.62
NR n71	30	20	DFT-256QAM	H	Outer_Full	19.91	19.66

**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

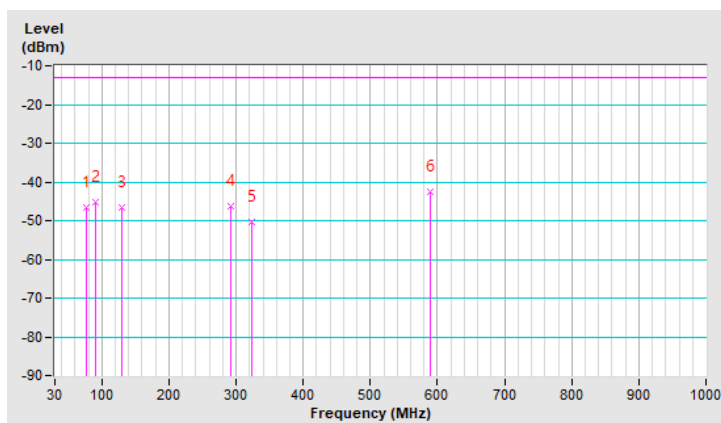
### 7.2.1 NR n25 SCS 15 kHz

RF Mode	NR n25 Channel Bandwidth: 5MHz	Channel	CH 370500 : 1852.50 MHz
Frequency Range	30 MHz ~ 1 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	23°C, 70% RH
Tested By	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	77.53	-46.48	-13.00	-33.48	2.00 H	112	64.97	-111.45
2	91.11	-45.16	-13.00	-32.16	2.00 H	94	68.02	-113.18
3	129.91	-46.56	-13.00	-33.56	1.00 H	76	62.11	-108.67
4	292.87	-46.14	-13.00	-33.14	1.00 H	88	61.06	-107.20
5	322.94	-50.28	-13.00	-37.28	2.50 H	324	56.16	-106.44
6	588.72	-42.46	-13.00	-29.46	1.50 H	196	58.41	-100.87

#### 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 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.



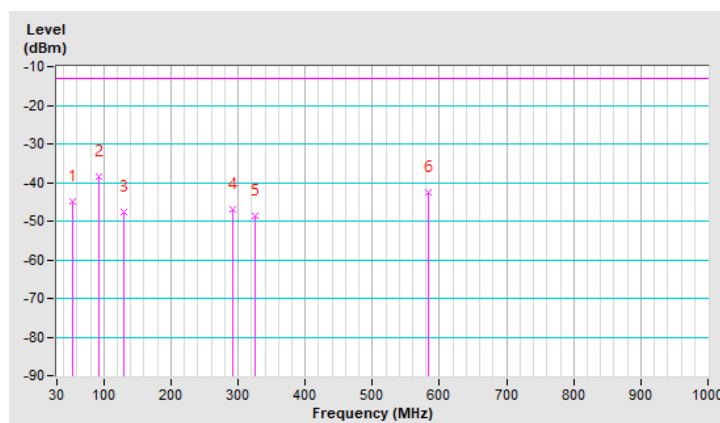
RF Mode	NR n25 Channel Bandwidth: 5MHz	Channel	CH 370500 : 1852.50 MHz
Frequency Range	30 MHz ~ 1 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	23°C, 70% RH
Tested By	Thomas Cheng		

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	53.28	-45.03	-13.00	-32.03	1.00 V	196	62.62	-107.65
2	92.08	-38.47	-13.00	-25.47	1.00 V	178	74.57	-113.04
3	129.91	-47.68	-13.00	-34.68	2.50 V	315	60.99	-108.67
4	292.87	-46.88	-13.00	-33.88	2.00 V	63	60.32	-107.20
5	324.88	-48.75	-13.00	-35.75	2.00 V	167	57.62	-106.37
6	583.87	-42.48	-13.00	-29.48	1.50 V	35	58.49	-100.97

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.



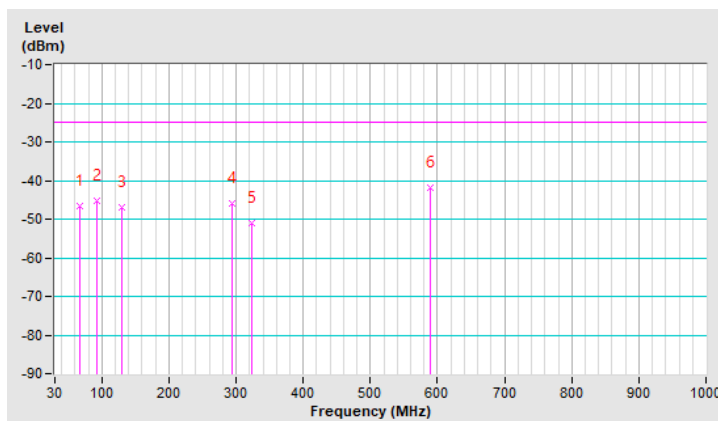
## 7.2.2 NR n41 SCS 30 kHz (MIMO)

RF Mode	NR n41 Channel Bandwidth: 10MHz	Channel	CH 537000 : 2685.00 MHz
Frequency Range	30 MHz ~ 1 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	23°C, 70% RH
Tested By	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	67.83	-46.54	-25.00	-21.54	1.00 H	2	62.76	-109.30
2	92.08	-45.16	-25.00	-20.16	2.00 H	95	67.88	-113.04
3	129.91	-47.02	-25.00	-22.02	1.00 H	255	61.65	-108.67
4	293.84	-45.77	-25.00	-20.77	2.50 H	107	61.40	-107.17
5	323.91	-51.17	-25.00	-26.17	1.50 H	15	55.23	-106.40
6	589.69	-41.78	-25.00	-16.78	2.00 H	358	59.07	-100.85

## 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.



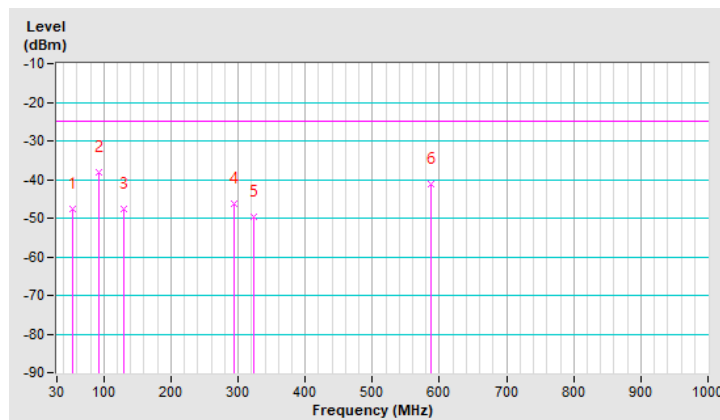
RF Mode	NR n41 Channel Bandwidth: 10MHz	Channel	CH 537000 : 2685.00 MHz
Frequency Range	30 MHz ~ 1 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	23°C, 70% RH
Tested By	Thomas Cheng		

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	53.28	-47.54	-25.00	-22.54	1.00 V	236	60.11	-107.65
2	<b>92.08</b>	<b>-38.24</b>	<b>-25.00</b>	<b>-13.24</b>	<b>1.00 V</b>	<b>196</b>	<b>74.80</b>	<b>-113.04</b>
3	129.91	-47.53	-25.00	-22.53	3.00 V	318	61.14	-108.67
4	293.84	-46.33	-25.00	-21.33	2.00 V	319	60.84	-107.17
5	323.91	-49.59	-25.00	-24.59	2.00 V	148	56.81	-106.40
6	586.78	-41.24	-25.00	-16.24	1.50 V	35	59.67	-100.91

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.



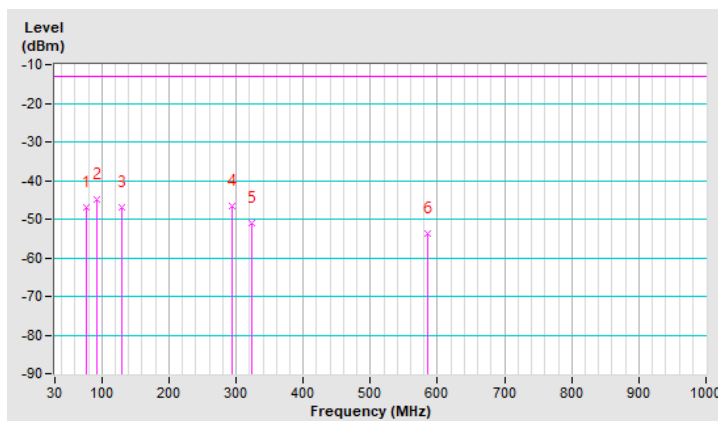
## 7.2.3 NR n66 SCS 15 kHz

RF Mode	NR n66 Channel Bandwidth: 20MHz	Channel	CH 349000 : 1745.00 MHz
Frequency Range	30 MHz ~ 1 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	23°C, 70% RH
Tested By	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	77.53	-46.81	-13.00	-33.81	2.00 H	60	64.64	-111.45
2	92.08	-44.88	-13.00	-31.88	2.00 H	86	68.16	-113.04
3	128.94	-46.88	-13.00	-33.88	1.00 H	255	61.94	-108.82
4	293.84	-46.50	-13.00	-33.50	1.00 H	116	60.67	-107.17
5	323.91	-51.17	-13.00	-38.17	1.50 H	16	55.23	-106.40
6	585.81	-53.78	-13.00	-40.78	2.00 H	18	47.16	-100.94

## 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.



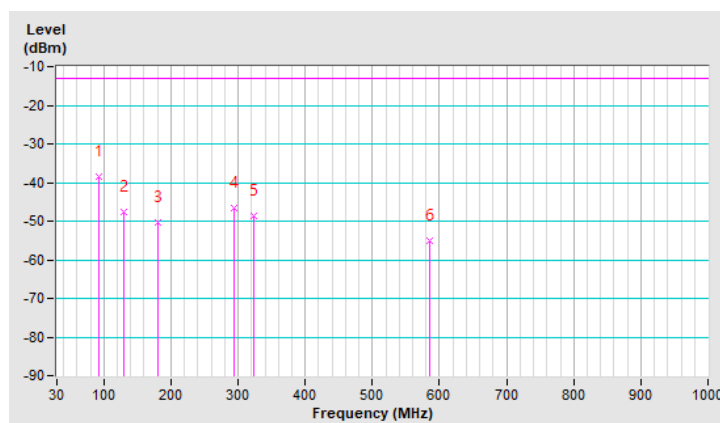
RF Mode	NR n66 Channel Bandwidth: 20MHz	Channel	CH 349000 : 1745.00 MHz
Frequency Range	30 MHz ~ 1 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	23°C, 70% RH
Tested By	Thomas Cheng		

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	92.08	-38.38	-13.00	-25.38	1.00 V	211	74.66	-113.04
2	128.94	-47.77	-13.00	-34.77	2.00 V	2	61.05	-108.82
3	180.35	-50.25	-13.00	-37.25	2.50 V	234	59.11	-109.36
4	293.84	-46.48	-13.00	-33.48	1.50 V	58	60.69	-107.17
5	323.91	-48.78	-13.00	-35.78	2.00 V	2	57.62	-106.40
6	585.81	-55.17	-13.00	-42.17	1.50 V	58	45.77	-100.94

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.





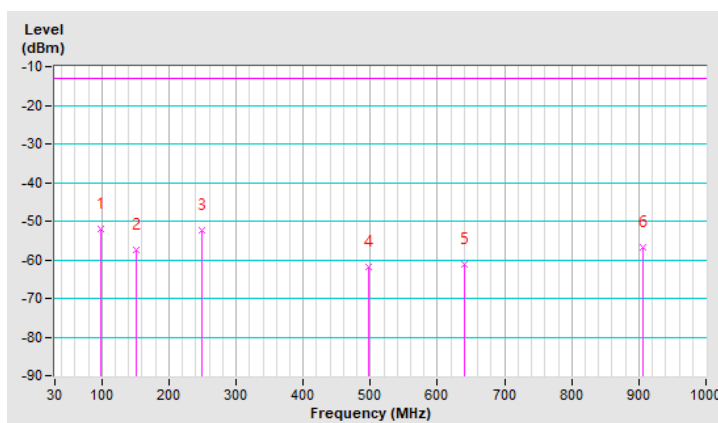
## 7.2.4 NR n71 SCS 15 kHz

RF Mode	NR n71 Channel Bandwidth: 5MHz	Channel	CH 133100 : 665.50 MHz
Frequency Range	30 MHz ~ 1 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	23°C, 70% 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	97.90	-51.93	-13.00	-38.93	2.00 H	122	62.59	-114.52
2	151.25	-57.37	-13.00	-44.37	1.00 H	155	52.48	-109.85
3	249.22	-52.23	-13.00	-39.23	1.00 H	39	58.82	-111.05
4	497.54	-61.99	-13.00	-48.99	1.50 H	37	42.40	-104.39
5	640.13	-61.26	-13.00	-48.26	1.00 H	195	40.55	-101.81
6	906.88	-56.90	-13.00	-43.90	2.00 H	32	41.45	-98.35

## 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.



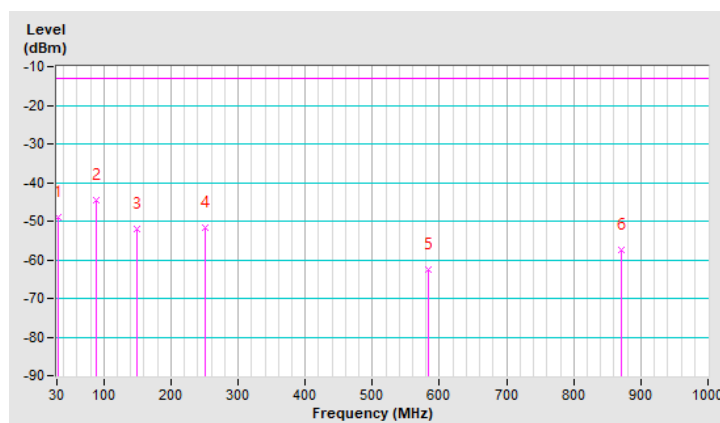
RF Mode	NR n71 Channel Bandwidth: 5MHz	Channel	CH 133100 : 665.50 MHz
Frequency Range	30 MHz ~ 1 GHz	Detector Function & Bandwidth	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	Environmental Conditions	23°C, 70% RH
Tested By	Vincent Chen		

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	32.91	-48.88	-13.00	-35.88	2.00 V	83	61.46	-110.34
2	88.20	-44.64	-13.00	-31.64	1.00 V	164	70.78	-115.42
3	148.34	-51.98	-13.00	-38.98	1.50 V	210	57.93	-109.91
4	250.19	-51.62	-13.00	-38.62	1.00 V	42	59.41	-111.03
5	582.90	-62.46	-13.00	-49.46	1.50 V	79	40.68	-103.14
6	870.99	-57.45	-13.00	-44.45	2.00 V	18	41.39	-98.84

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 of frequency range 30 MHz ~ 1 GHz.
5. 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	23°C, 70.3% 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	3705.00	-49.95	-13.00	-36.95	1.22 H	178	57.77	-107.72
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	-51.05	-13.00	-38.05	1.52 V	167	56.67	-107.72

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	23°C, 70.3% 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	3765.00	-50.40	-13.00	-37.40	1.52 H	223	57.41	-107.81
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	-51.58	-13.00	-38.58	2.31 V	164	56.23	-107.81

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	23°C, 70.3% 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	3825.00	-50.11	-13.00	-37.11	1.41 H	125	57.56	-107.67
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	-51.44	-13.00	-38.44	1.77 V	232	56.23	-107.67

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	23°C, 70.3% 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	3720.00	-50.31	-13.00	-37.31	2.06 H	332	57.45	-107.76
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	-50.98	-13.00	-37.98	1.78 V	158	56.78	-107.76

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.



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	23°C, 70.3% 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	3765.00	-50.40	-13.00	-37.40	2.41 H	123	57.41	-107.81
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	-51.46	-13.00	-38.46	1.77 V	269	56.35	-107.81

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	23°C, 70.3% 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	3805.00	-50.36	-13.00	-37.36	1.17 H	205	57.41	-107.77
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	3805.00	-51.63	-13.00	-38.63	2.47 V	147	56.14	-107.77

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	23°C, 70.3% 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	3740.00	-50.17	-13.00	-37.17	1.67 H	144	57.63	-107.80
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	-51.39	-13.00	-38.39	2.03 V	168	56.41	-107.80

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	23°C, 70.3% 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	3765.00	-50.33	-13.00	-37.33	1.63 H	207	57.48	-107.81
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	-51.08	-13.00	-38.08	2.74 V	125	56.73	-107.81

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	23°C, 70.3% 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	3790.00	-50.05	-13.00	-37.05	1.74 H	113	57.75	-107.80
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	-51.57	-13.00	-38.57	2.78 V	336	56.23	-107.80

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	23°C, 70.3% 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	5002.02	-42.79	-25.00	-17.79	1.52 H	236	61.25	-104.04
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	-44.44	-25.00	-19.44	2.31 V	178	59.60	-104.04

**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	23°C, 70.3% 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	5185.98	-42.61	-25.00	-17.61	1.62 H	224	61.35	-103.96
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	-44.32	-25.00	-19.32	2.32 V	214	59.64	-103.96

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	23°C, 70.3% 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	5370.00	-41.75	-25.00	-16.75	1.23 H	228	62.45	-104.20
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	5370.00	-44.46	-25.00	-19.46	2.16 V	332	59.74	-104.20

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	23°C, 70.3% 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	5042.04	-42.33	-25.00	-17.33	1.52 H	224	61.54	-103.87
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	5042.04	-44.53	-25.00	-19.53	1.74 V	335	59.34	-103.87

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 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	23°C, 70.3% 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	5185.98	-42.62	-25.00	-17.62	1.16 H	237	61.34	-103.96
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	-44.51	-25.00	-19.51	2.52 V	166	59.45	-103.96

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	23°C, 70.3% 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	5329.98	-42.79	-25.00	-17.79	2.68 H	113	61.37	-104.16
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	-44.88	-25.00	-19.88	1.65 V	287	59.28	-104.16

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	23°C, 70.3% 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	5092.02	-42.04	-25.00	-17.04	2.25 H	314	61.45	-103.49
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	-44.12	-25.00	-19.12	1.82 V	265	59.37	-103.49

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	23°C, 70.3% 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	5185.98	-42.18	-25.00	-17.18	1.69 H	222	61.78	-103.96
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	-44.25	-25.00	-19.25	2.25 V	169	59.71	-103.96

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	23°C, 70.3% 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	5280.00	-42.74	-25.00	-17.74	2.22 H	252	61.38	-104.12
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	5280.00	-44.30	-25.00	-19.30	3.24 V	178	59.82	-104.12

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.

## 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	23°C, 70.3% 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	3425.00	-51.33	-13.00	-38.33	2.38 H	185	57.43	-108.76
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	-54.13	-13.00	-41.13	1.52 V	225	54.63	-108.76

## 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.



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	23°C, 70.3% 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	3490.00	-50.63	-13.00	-37.63	1.47 H	263	57.23	-107.86
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	3490.00	-53.23	-13.00	-40.23	2.46 V	178	54.63	-107.86

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 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	23°C, 70.3% 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	3555.00	-50.29	-13.00	-37.29	1.34 H	257	57.46	-107.75
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	-53.06	-13.00	-40.06	2.63 V	224	54.69	-107.75

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	23°C, 70.3% 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	3440.00	-51.12	-13.00	-38.12	2.63 H	227	57.48	-108.60
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	-53.88	-13.00	-40.88	1.63 V	287	54.72	-108.60

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	23°C, 70.3% 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	3490.00	-50.23	-13.00	-37.23	1.46 H	287	57.63	-107.86
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	3490.00	-53.58	-13.00	-40.58	2.58 V	116	54.28	-107.86

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: 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	23°C, 70.3% 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	3540.00	-50.25	-13.00	-37.25	2.52 H	120	57.49	-107.74
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	3540.00	-53.03	-13.00	-40.03	1.96 V	323	54.71	-107.74

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: 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	23°C, 70.3% 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	3460.00	-50.67	-13.00	-37.67	1.62 H	227	57.65	-108.32
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	-53.69	-13.00	-40.69	2.57 V	169	54.63	-108.32

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	23°C, 70.3% 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	3490.00	-50.39	-13.00	-37.39	1.12 H	278	57.47	-107.86
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	3490.00	-53.15	-13.00	-40.15	2.32 V	141	54.71	-107.86

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: 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	23°C, 70.3% 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	3520.00	-50.30	-13.00	-37.30	1.47 H	152	57.42	-107.72
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	-53.36	-13.00	-40.36	2.78 V	113	54.36	-107.72

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	23°C, 70.3% 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	1331.00	-57.95	-13.00	-44.95	1.96 H	220	58.93	-116.88
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	-59.11	-13.00	-46.11	2.34 V	235	57.77	-116.88

**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	23°C, 70.3% 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	1361.00	-58.35	-13.00	-45.35	2.41 H	163	58.42	-116.77
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	-59.54	-13.00	-46.54	1.23 V	47	57.23	-116.77

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: 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	23°C, 70.3% 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	1391.00	-58.24	-13.00	-45.24	1.52 H	297	58.41	-116.65
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	-59.02	-13.00	-46.02	2.42 V	163	57.63	-116.65

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 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	23°C, 70.3% 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	1346.00	-58.42	-13.00	-45.42	1.62 H	115	58.41	-116.83
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	-59.42	-13.00	-46.42	1.23 V	278	57.41	-116.83

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	23°C, 70.3% 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	1361.00	-58.06	-13.00	-45.06	1.23 H	265	58.71	-116.77
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	-59.13	-13.00	-46.13	2.34 V	174	57.64	-116.77

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 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	23°C, 70.3% 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	1376.00	-58.30	-13.00	-45.30	1.63 H	298	58.41	-116.71
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	-59.48	-13.00	-46.48	2.03 V	157	57.23	-116.71

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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