TEST REPORT

CERTIFICATE OF CONFORMITY

Standard:	**47 CFR FCC Part 22** **47 CFR FCC Part 24** **47 CFR FCC Part 27** **47 CFR FCC Part 90** **47 CFR FCC Part 2**
Report No.:	RFBBQZ-WTW-P26040594-9
FCC ID:	PY326200664
Product:	Nighthawk 5G M8 Pro
Brand:	NETGEAR
Model No.:	MR8400
Received Date:	2026/5/6
Test Date:	2026/5/30 ~ 2026/8/18
Issued Date:	2026/8/20
Applicant and Manufacturer:	NETGEAR, INC.
Address:	3553 N. First St., San Jose, California 95134, United States
Issued By:	Bureau Veritas Consumer Products Services (H.K.) Ltd., Taoyuan Branch Lin Kou Laboratories
Lab Address:	No. 47-2, 14th Ling, Chia Pau Vil., Lin Kou Dist., New Taipei City 244, Taiwan
Test Location(1):	No. 70, Wenming Rd., Guishan Dist., Taoyuan City 333, Taiwan
Test Location(2):	No. 19, Hwa Ya 2nd Rd., Wen Hwa Vil., Kwei Shan Dist., Taoyuan City 333, Taiwan
FCC Registration / Designation Number:	281270 / TW0032 for Test Location(1) 788550 / TW0003 for Test Location(2)

Approved by: Jeremy Lin , **Date:** 2026/8/20

Jeremy Lin / Project Engineer

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Prepared by : Polly Chien / Specialist

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Release Control Record

Issue No.	Description	Date Issued
RFBBQZ-WTW-P26040594-9	Original release.	2026/8/20

1 Certificate

Product:	Nighthawk 5G M8 Pro
Brand:	NETGEAR
Test Model:	MR8400
Sample Status:	Engineering sample
Applicant and Manufacturer:	NETGEAR, INC.
Test Date:	2026/5/30 ~ 2026/8/18
Standard:	47 CFR FCC Part 22 47 CFR FCC Part 24 47 CFR FCC Part 27 47 CFR FCC Part 90 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 v02r02

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

Standard / Clause	Test Item	Result	Remark
Part 2.1046 Part 22.913 (a) Part 24.232 (c) Part 27.50(d) Part 27.50(h) Part 27.50(c) Part 27.50(b) Part 27.50(a) Part 27.50(k) Part 27.50(j) Part 90.635(b) Part 90.542(a)(7)	Effective Radiated Power and Equivalent Isotropically Radiated Power	Pass	Meet the requirement of limit.
Part 2.1047	Modulation Characteristics	Pass	Meet the requirement of limit.
Part 22.913 (d) Part 24.232 (d) Part 27.50(d) Part 27.50(k)(4) Part 27.50(j)(4)	Peak to Average Ratio	Pass	Meet the requirement of limit.
Part 2.1049	Bandwidth	Pass	Meet the requirement of limit.
Part 2.1051 Part 22.917 Part 24.238 Part 27.53(h) Part 27.53(m) Part 27.53(g) Part 27.53(c)(f) Part 27.53(a) Part 27.53(n) Part 27.53(l) Part 90.691 Part 90.543(e)(f)	Conducted Spurious Emissions	Pass	Meet the requirement of limit.
Part 2.1053 Part 22.917 Part 24.238 Part 27.53(h) Part 27.53(m) Part 27.53(g) Part 27.53(c)(f) Part 27.53(a) Part 27.53(n) Part 27.53(l) Part 90.691 Part 90.543(e)(f)	Radiated Spurious Emissions below 1GHz	Pass	Minimum passing margin is -7.33 dB at 798.24 MHz

Standard / Clause	Test Item	Result	Remark
Part 2.1053 Part 22.917 Part 24.238 Part 27.53(h) Part 27.53(m) Part 27.53(g) Part 27.53(c)(f) Part 27.53(a) Part 27.53(n) Part 27.53(l) Part 90.691 Part 90.543(e)(f)	Radiated Spurious Emissions above 1GHz	Pass	Minimum passing margin is -1.23 dB at 1586.00 MHz
Part 2.1055 Part 22.355 Part 24.235 Part 27.54 Part 90.213 Part 90.539(e)	Frequency Stability	Pass	Meet the requirement of limit.

Note: 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 (±)
Effective Radiated Power and Equivalent Isotropically Radiated Power	18 GHz ~ 40 GHz	1.77 dB
	1 GHz ~ 18 GHz	1.76 dB
Peak to Average Ratio	-	0.920 dB
Bandwidth	-	960 Hz
Conducted Spurious Emissions	-	2.12 dB
Radiated Spurious Emissions below 1GHz	9 kHz ~ 30 MHz	3 dB
	30 MHz ~ 1 GHz	2.93 dB
Radiated Spurious Emissions above 1GHz	1 GHz ~ 18 GHz	1.76 dB
	18 GHz ~ 40 GHz	1.77 dB
Frequency Stability	-	0.176 ppm

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	Nighthawk 5G M8 Pro
Brand	NETGEAR
Test Model	MR8400
Status of EUT	Engineering sample
Power Supply Rating	3.85 Vdc from Battery 5 Vdc / 9 Vdc from Adapter
Modulation Type	DFT-s-OFDM, CP-OFDM
5G NR support SISO bands	n2, n5, n7, n12, n13, n14, n25, n26, n30, n38, n40, n41, n66, n70, n71, n77, n78
5G NR support MIMO bands	n2, n7, n25, n30, n38, n41, n66, n70, n77, n78
PC3 for Power Class	n2, n5, n7, n12, n13, n14, n25, n26, n30, n38, n41, n66, n70, n71, n77, n78
PC2 for Power Class	n2, n41, n66, n77, n78
PC1.5 for Power Class	n41, n77, n78
Band Covered Information	n77 cover n78 (both n77 and n78 have the same frequency range 3450 to 3550 MHz and the same bandwidth, only n77 was fully tested, n78 only test the items of power and radiated spurious emissions)

Note:

1. Based on engineering judgment and verification of the worst-case configuration, the WWAN bands for this device may reference the conducted test results of the certified modular device. Please refer to the table below for further details.

5G NR Band	Remark	Reference Module FCC ID
n2	Full Test (Enable PC2 MIMO mode)	FCC ID: GKRRXLN4N
n5	Conducted test result refer to module data	
n7	Conducted test result refer to module data	
n12	Conducted test result refer to module data	
n13	Conducted test result refer to module data	
n14	Conducted test result refer to module data	
n25	Conducted test result refer to module data	
n26	Conducted test result refer to module data	
n30	Conducted test result refer to module data	
n38	Full Test (Remove MIMO mode and enable SRS mode in n38)	
n40	Full Test (Enable n40 and SRS mode)	
n41	Full Test (Enable SRS mode)	
n48	Full Test (Enable MIMO mode and SRS mode)	
n66	Conducted test result refer to module data	
n70	Conducted test result refer to module data	
n71	Conducted test result refer to module data	
n77	Full Test (Enable SRS mode)	
n78	Full Test (Enable SRS mode)	

2. EUT Overview

NR n2 SCS 15 kHz

PC3_1TX

Bandwidth	TX Frequency Range (MHz)	Modulation	Max. EIRP (W)	Max. EIRP (dBm)
5 MHz	1852.5 ~ 1907.5	BPSK	0.311	24.93
		QPSK	0.310	24.92
		16QAM	0.165	22.18
		64QAM	0.13243	21.22
		256QAM	0.078	18.91
10 MHz	1855 ~ 1905	BPSK	0.310	24.92
		QPSK	0.312	24.94
		16QAM	0.158	21.98
		64QAM	0.132	21.22
		256QAM	0.078	18.92
15 MHz	1857.5 ~ 1902.5	BPSK	0.312	24.94
		QPSK	0.313	24.95
		16QAM	0.164	22.14
		64QAM	0.133	21.23
		256QAM	0.077	18.88
20 MHz	1860 ~ 1900	BPSK	0.308	24.88
		QPSK	0.311	24.93
		16QAM	0.167	22.23
		64QAM	0.13243	21.22
		256QAM	0.077	18.85
25 MHz	1862.5 ~ 1897.5	BPSK	0.309	24.9
		QPSK	0.310	24.91
		16QAM	0.166	22.21
		64QAM	0.133	21.23
		256QAM	0.077	18.88
30 MHz	1865 ~ 1895	BPSK	0.313	24.96
		QPSK	0.315	24.98
		16QAM	0.167	22.24
		64QAM	0.134	21.28
		256QAM	0.078	18.94
35 MHz	1867.5 ~ 1892.5	BPSK	0.312	24.94
		QPSK	0.313	24.95
		16QAM	0.169	22.27
		64QAM	0.13335	21.25
		256QAM	0.078	18.91
40 MHz	1870 ~ 1890	BPSK	0.315	24.98
		QPSK	0.316	25
		16QAM	0.169	22.29
		64QAM	0.135	21.31
		256QAM	0.079	18.97

PC2_2TX

Bandwidth	TX Frequency Range (MHz)	Modulation	Max. EIRP (W)	Max. EIRP (dBm)	Emission Designator
5 MHz	1852.5 ~ 1907.5	BPSK	0.800	29.03	4M47G7D
		QPSK	0.820	29.14	4M47G7D
		16QAM	0.506	27.04	4M46D7W
		64QAM	0.44566	26.49	4M46D7W
		256QAM	0.284	24.53	4M47D7W
10 MHz	1855 ~ 1905	BPSK	0.798	29.02	8M93G7D
		QPSK	0.811	29.09	9M28G7D
		16QAM	0.505	27.03	9M28D7W
		64QAM	0.455	26.58	9M28D7W
		256QAM	0.285	24.55	9M29D7W
15 MHz	1857.5 ~ 1902.5	BPSK	0.800	29.03	13M4G7D
		QPSK	0.811	29.09	14M1G7D
		16QAM	0.504	27.02	14M1D7W
		64QAM	0.446	26.49	14M1D7W
		256QAM	0.286	24.57	14M1D7W
20 MHz	1860 ~ 1900	BPSK	0.793	28.99	17M9G7D
		QPSK	0.820	29.14	18M9G7D
		16QAM	0.521	27.17	18M9D7W
		64QAM	0.45394	26.57	18M9D7W
		256QAM	0.282	24.5	18M9D7W
25 MHz	1862.5 ~ 1897.5	BPSK	0.798	29.02	22M9G7D
		QPSK	0.820	29.14	23M7G7D
		16QAM	0.507	27.05	23M7D7W
		64QAM	0.451	26.54	23M7D7W
		256QAM	0.285	24.55	23M7D7W
30 MHz	1865 ~ 1895	BPSK	0.807	29.07	28M5G7D
		QPSK	0.805	29.06	28M5G7D
		16QAM	0.521	27.17	28M6D7W
		64QAM	0.452	26.55	28M6D7W
		256QAM	0.286	24.56	28M6D7W
35 MHz	1867.5 ~ 1892.5	BPSK	0.811	29.09	32M1G7D
		QPSK	0.809	29.08	33M5G7D
		16QAM	0.509	27.07	33M5D7W
		64QAM	0.46026	26.63	33M6D7W
		256QAM	0.290	24.62	33M5D7W
40 MHz	1870 ~ 1890	BPSK	0.820	29.14	38M6G7D
		QPSK	0.881	29.45	38M6G7D
		16QAM	0.451	26.54	38M6D7W
		64QAM	0.364	25.61	38M6D7W
		256QAM	0.203	23.08	38M6D7W

NR n5 SCS 15 kHz

Bandwidth	TX Frequency Range (MHz)	Modulation	Max. ERP (W)	Max. ERP (dBm)	Emission Designator
5 MHz	826.5 ~ 846.5	BPSK	0.194	22.87	4M73G7D
		QPSK	0.195	22.91	4M47G7D
		16QAM	0.095	19.76	4M47D7W
		64QAM	0.094	19.71	4M47D7W
		256QAM	0.046	16.67	4M46D7W
10 MHz	829 ~ 844	BPSK	0.197	22.94	8M94G7D
		QPSK	0.197	22.95	9M30G7D
		16QAM	0.095	19.78	9M29D7W
		64QAM	0.094	19.72	9M29D7W
		256QAM	0.046	16.67	9M31D7W
15 MHz	831.5 ~ 841.5	BPSK	0.194	22.87	13M4G7D
		QPSK	0.197	22.95	14M1G7D
		16QAM	0.096	19.81	14M1D7W
		64QAM	0.094	19.72	14M1D7W
		256QAM	0.046	16.62	14M1D7W
20 MHz	834 ~ 839	BPSK	0.197	22.94	17M9G7D
		QPSK	0.198	22.96	18M9G7D
		16QAM	0.096	19.83	19M0D7W
		64QAM	0.095	19.8	18M9D7W
		256QAM	0.047	16.71	18M9D7W

NR n7 SCS 15 kHz

Bandwidth	TX Frequency Range (MHz)	Modulation	Max. EIRP (W)	Max. EIRP (dBm)	Emission Designator
5 MHz	2502.5 ~ 2567.5	BPSK	0.336	25.26	4M49G7D
		QPSK	0.350	25.44	4M47G7D
		16QAM	0.178	22.51	4M47D7W
		64QAM	0.147	21.66	4M47D7W
		256QAM	0.083	19.19	4M48D7W
10 MHz	2505 ~ 2565	BPSK	0.336	25.26	8M93G7D
		QPSK	0.350	25.44	9M28G7D
		16QAM	0.177	22.49	9M31D7W
		64QAM	0.146	21.64	9M29D7W
		256QAM	0.084	19.22	9M30D7W
15 MHz	2507.5 ~ 2562.5	BPSK	0.336	25.26	13M4G7D
		QPSK	0.349	25.43	14M1G7D
		16QAM	0.179	22.52	14M1D7W
		64QAM	0.147	21.66	14M1D7W
		256QAM	0.083	19.21	14M1D7W
20 MHz	2510 ~ 2560	BPSK	0.336	25.26	17M9G7D
		QPSK	0.352	25.47	18M9G7D
		16QAM	0.146	21.65	18M9D7W
		64QAM	0.143	21.55	18M9D7W
		256QAM	0.083	19.18	18M9D7W

Bandwidth	TX Frequency Range (MHz)	Modulation	Max. EIRP (W)	Max. EIRP (dBm)	Emission Designator
25 MHz	2512.5 ~ 2557.5	BPSK	0.333	25.22	22M9G7D
		QPSK	0.351	25.45	23M8G7D
		16QAM	0.179	22.53	23M8D7W
		64QAM	0.146	21.65	23M7D7W
		256QAM	0.083	19.18	23M8D7W
30 MHz	2515 ~ 2555	BPSK	0.335	25.25	28M6G7D
		QPSK	0.352	25.46	28M6G7D
		16QAM	0.177	22.49	28M6D7W
		64QAM	0.147	21.67	28M6D7W
		256QAM	0.084	19.22	28M6D7W
35 MHz	2517.5 ~ 2552.5	BPSK	0.333	25.23	32M2G7D
		QPSK	0.350	25.44	33M6G7D
		16QAM	0.178	22.5	33M6D7W
		64QAM	0.146	21.63	33M6D7W
		256QAM	0.084	19.23	33M6D7W
40 MHz	2520 ~ 2550	BPSK	0.335	25.25	38M6G7D
		QPSK	0.350	25.44	38M6G7D
		16QAM	0.177	22.48	38M6D7W
		64QAM	0.146	21.64	38M6D7W
		256QAM	0.083	19.19	38M7D7W
50 MHz	2525 ~ 2545	BPSK	0.340	25.31	48M3G7D
		QPSK	0.356	25.52	48M2G7D
		16QAM	0.181	22.58	48M3D7W
		64QAM	0.146	21.64	48M3D7W
		256QAM	0.085	19.28	48M2D7W

NR n12 SCS 15 kHz

Bandwidth	TX Frequency Range (MHz)	Modulation	Max. ERP (W)	Max. ERP (dBm)	Emission Designator
5 MHz	701.5 ~ 713.5	BPSK	0.142	21.52	4M48G7D
		QPSK	0.142	21.53	4M46G7D
		16QAM	0.076	18.79	4M47D7W
		64QAM	0.061	17.83	4M47D7W
		256QAM	0.035	15.5	4M48D7W
10 MHz	704 ~ 711	BPSK	0.141	21.5	8M95G7D
		QPSK	0.142	21.52	9M30G7D
		16QAM	0.077	18.88	9M31D7W
		64QAM	0.062	17.89	9M30D7W
		256QAM	0.035	15.5	9M31D7W
15 MHz	706.5 ~ 708.5	BPSK	0.142	21.53	13M4G7D
		QPSK	0.143	21.54	14M1G7D
		16QAM	0.077	18.88	14M1D7W
		64QAM	0.062	17.89	14M1D7W
		256QAM	0.036	15.52	14M1D7W

NR n13 SCS 15 kHz

Bandwidth	TX Frequency Range (MHz)	Modulation	Max. ERP (W)	Max. ERP (dBm)	Emission Designator
5 MHz	779.5 ~ 784.5	BPSK	0.149	21.73	4M49G7D
		QPSK	0.150	21.75	4M47G7D
		16QAM	0.078	18.92	4M48D7W
		64QAM	0.062	17.95	4M47D7W
		256QAM	0.035	15.48	4M48D7W
10 MHz	782	BPSK	0.149	21.74	8M92G7D
		QPSK	0.150	21.76	9M26G7D
		16QAM	0.080	19.02	9M28D7W
		64QAM	0.064	18.03	9M27D7W
		256QAM	0.036	15.57	9M27D7W

NR n14 SCS 15 kHz

Bandwidth	TX Frequency Range (MHz)	Modulation	Max. ERP (W)	Max. ERP (dBm)	Emission Designator
5 MHz	790.5 ~ 795.5	BPSK	0.148	21.7	4M49G7D
		QPSK	0.149	21.74	4M46G7D
		16QAM	0.081	19.1	4M47D7W
		64QAM	0.064	18.09	4M47D7W
		256QAM	0.037	15.67	4M48D7W
10 MHz	793	BPSK	0.150	21.75	8M90G7D
		QPSK	0.150	21.76	9M25G7D
		16QAM	0.082	19.15	9M27D7W
		64QAM	0.066	18.17	9M26D7W
		256QAM	0.037	15.74	9M26D7W

NR n25 SCS 15 kHz

Bandwidth	TX Frequency Range (MHz)	Modulation	Max. EIRP (W)	Max. EIRP (dBm)	Emission Designator
5 MHz	1852.5 ~ 1912.5	BPSK	0.317	25.01	4M49G7D
		QPSK	0.333	25.23	4M47G7D
		16QAM	0.179	22.53	4M47D7W
		64QAM	0.147	21.67	4M47D7W
		256QAM	0.084	19.24	4M48D7W
10 MHz	1855 ~ 1910	BPSK	0.320	25.05	8M93G7D
		QPSK	0.331	25.2	9M28G7D
		16QAM	0.179	22.54	9M30D7W
		64QAM	0.144	21.58	9M29D7W
		256QAM	0.086	19.32	9M29D7W
15 MHz	1857.5 ~ 1907.5	BPSK	0.321	25.06	13M4G7D
		QPSK	0.333	25.23	14M1G7D
		16QAM	0.178	22.51	14M1D7W
		64QAM	0.143	21.55	14M1D7W
		256QAM	0.085	19.31	14M1D7W

Bandwidth	TX Frequency Range (MHz)	Modulation	Max. EIRP (W)	Max. EIRP (dBm)	Emission Designator
20 MHz	1860 ~ 1905	BPSK	0.324	25.11	17M9G7D
		QPSK	0.334	25.24	18M9G7D
		16QAM	0.182	22.6	18M9D7W
		64QAM	0.144	21.57	18M9D7W
		256QAM	0.085	19.3	18M9D7W
25 MHz	1862.5 ~ 1902.5	BPSK	0.320	25.05	22M9G7D
		QPSK	0.333	25.22	23M8G7D
		16QAM	0.179	22.54	23M8D7W
		64QAM	0.146	21.64	23M7D7W
		256QAM	0.084	19.24	23M7D7W
30 MHz	1865 ~ 1900	BPSK	0.323	25.09	28M6G7D
		QPSK	0.334	25.24	28M6G7D
		16QAM	0.179	22.54	28M5D7W
		64QAM	0.147	21.66	28M6D7W
		256QAM	0.084	19.23	28M5D7W
35 MHz	1867.5 ~ 1897.5	BPSK	0.322	25.08	32M1G7D
		QPSK	0.332	25.21	33M5G7D
		16QAM	0.177	22.47	33M6D7W
		64QAM	0.144	21.58	33M6D7W
		256QAM	0.084	19.26	33M5D7W
40 MHz	1870 ~ 1895	BPSK	0.331	25.2	38M6G7D
		QPSK	0.335	25.25	38M6G7D
		16QAM	0.173	22.37	38M5D7W
		64QAM	0.139	21.43	38M6D7W
		256QAM	0.079	18.97	38M6D7W

NR n26 SCS 15 kHz (814 MHz ~ 824 MHz)

Bandwidth	TX Frequency Range (MHz)	Modulation	Max. ERP (W)	Max. ERP (dBm)	Emission Designator
5 MHz	816.5 ~ 821.5	BPSK	0.195	22.91	4M49G7D
		QPSK	0.196	22.93	4M47G7D
		16QAM	0.107	20.3	4M47D7W
		64QAM	0.084	19.24	4M48D7W
		256QAM	0.049	16.93	4M48D7W
10 MHz	819	BPSK	0.196	22.92	8M94G7D
		QPSK	0.196	22.92	9M29G7D
		16QAM	0.102	20.1	9M30D7W
		64QAM	0.083	19.17	9M30D7W
		256QAM	0.049	16.86	9M30D7W

NR n26 SCS 15 kHz (824 MHz ~ 849 MHz)

Bandwidth	TX Frequency Range (MHz)	Modulation	Max. ERP (W)	Max. ERP (dBm)	Emission Designator
5 MHz	826.5 ~ 846.5	BPSK	0.194	22.87	4M49G7D
		QPSK	0.197	22.94	4M47G7D
		16QAM	0.105	20.22	4M47D7W
		64QAM	0.084	19.23	4M47D7W
		256QAM	0.049	16.91	4M48D7W
10 MHz	829 ~ 844	BPSK	0.194	22.87	8M95G7D
		QPSK	0.195	22.9	9M30G7D
		16QAM	0.108	20.32	9M32D7W
		64QAM	0.085	19.27	9M30D7W
		256QAM	0.049	16.93	9M32D7W
15 MHz	831.5 ~ 841.5	BPSK	0.195	22.9	13M4G7D
		QPSK	0.196	22.93	14M1G7D
		16QAM	0.106	20.25	14M1D7W
		64QAM	0.085	19.27	14M1D7W
		256QAM	0.050	16.98	14M1D7W
20 MHz	834 ~ 839	BPSK	0.196	22.93	17M9G7D
		QPSK	0.197	22.95	18M9G7D
		16QAM	0.108	20.32	18M9D7W
		64QAM	0.085	19.31	18M9D7W
		256QAM	0.050	16.99	18M9D7W

NR n30 SCS 15 kHz

1TX

Bandwidth	TX Frequency Range (MHz)	Modulation	Max. EIRP (W)	Max. EIRP (dBm)
5 MHz	2307.5 ~ 2312.5	BPSK	0.206	23.14
		QPSK	0.211	23.25
		16QAM	0.170	22.3
		64QAM	0.135	21.3
		256QAM	0.075	18.75
10 MHz (Full Power)	2310	BPSK	0.218	23.38
		QPSK	0.222	23.46
		16QAM	0.177	22.49
		64QAM	0.141	21.49
		256QAM	0.078	18.94

Bandwidth	TX Frequency Range (MHz)	Modulation	Max. EIRP (W)	Max. EIRP (dBm)
10 MHz (dBm/5 MHz)	2310	BPSK	0.214	23.31
		QPSK	0.217	23.36
		16QAM	0.174	22.41
		64QAM	0.139	21.42
		256QAM	0.077	18.86

2TX

Bandwidth	TX Frequency Range (MHz)	Modulation	Max. EIRP (W)	Max. EIRP (dBm)	Emission Designator
5 MHz	2307.5 ~ 2312.5	BPSK	0.230	23.61	4M49G7D
		QPSK	0.234	23.7	4M47G7D
		16QAM	0.188	22.75	4M48D7W
		64QAM	0.150	21.77	4M48D7W
		256QAM	0.084	19.23	4M48D7W
10 MHz (Full Power)	2310	BPSK	0.232	23.66	8M92G7D
		QPSK	0.237	23.75	9M29G7D
		16QAM	0.191	22.8	9M30D7W
		64QAM	0.152	21.81	9M29D7W
		256QAM	0.085	19.27	9M29D7W

Bandwidth	TX Frequency Range (MHz)	Modulation	Max. EIRP (W)	Max. EIRP (dBm)	Emission Designator
10 MHz (dBm/5 MHz)	2310	BPSK	0.228	23.58	8M92G7D
		QPSK	0.231	23.63	9M29G7D
		16QAM	0.187	22.72	9M30D7W
		64QAM	0.149	21.72	9M29D7W
		256QAM	0.083	19.18	9M29D7W

NR n38 SCS 30 kHz

Bandwidth	TX Frequency Range (MHz)	Modulation	Max. EIRP (W)	Max. EIRP (dBm)	Emission Designator
10 MHz	2575 ~ 2615	BPSK	0.241	23.82	8M60G7D
		QPSK	0.248	23.94	8M57G7D
		16QAM	0.153	21.84	8M58D7W
		64QAM	0.137	21.36	8M59D7W
		256QAM	0.086	19.35	8M57D7W
15 MHz	2577.5 ~ 2612.5	BPSK	0.245	23.89	12M9G7D
		QPSK	0.247	23.92	13M6G7D
		16QAM	0.152	21.82	13M6D7W
		64QAM	0.137	21.36	13M6D7W
		256QAM	0.085	19.31	13M6D7W
20 MHz	2580 ~ 2610	BPSK	0.244	23.87	17M9G7D
		QPSK	0.247	23.93	18M2G7D
		16QAM	0.156	21.93	18M2D7W
		64QAM	0.137	21.36	18M2D7W
		256QAM	0.087	19.41	18M2D7W
25 MHz	2582.5 ~ 2607.5	BPSK	0.244	23.87	22M9G7D
		QPSK	0.247	23.93	23M2G7D
		16QAM	0.15	21.77	23M2D7W
		64QAM	0.135	21.3	23M2D7W
		256QAM	0.086	19.32	23M2D7W

Bandwidth	TX Frequency Range (MHz)	Modulation	Max. EIRP (W)	Max. EIRP (dBm)	Emission Designator
30 MHz	2585 ~ 2605	BPSK	0.243	23.85	26M8G7D
		QPSK	0.247	23.93	27M8G7D
		16QAM	0.154	21.87	27M8D7W
		64QAM	0.136	21.35	27M8D7W
		256QAM	0.085	19.28	27M8D7W
40 MHz	2590 ~ 2600	BPSK	0.249	23.97	35M7G7D
		QPSK	0.255	24.07	37M8G7D
		16QAM	0.155	21.9	37M8D7W
		64QAM	0.14	21.47	37M8D7W
		256QAM	0.088	19.45	37M8D7W

NR n40 SCS 30 kHz (2.35 GHz ~ 2.36 GHz), Output Power: Full Power

Bandwidth	TX Frequency Range (MHz)	Modulation	Max. EIRP (W)	Max. EIRP (dBm)	Emission Designator
10 MHz	2355	BPSK	0.245	23.9	8M57G7D
		QPSK	0.246	23.91	8M59G7D
		16QAM	0.213	23.29	8M60D7W
		64QAM	0.211	23.25	8M59D7W
		256QAM	0.207	23.16	8M57D7W

NR n40 SCS 30 kHz (2.35 GHz ~ 2.36 GHz), Output Power: dBm/5 MHz

Bandwidth	TX Frequency Range (MHz)	Modulation	Max. EIRP (W)	Max. EIRP (dBm)	Emission Designator
10 MHz	2355	BPSK	0.241	23.82	8M57G7D
		QPSK	0.245	23.89	8M59G7D
		16QAM	0.212	23.27	8M60D7W
		64QAM	0.21	23.23	8M59D7W
		256QAM	0.206	23.13	8M57D7W

NR n41 SCS 30 kHz, 1TX

Bandwidth	TX Frequency Range (MHz)	Modulation	Max. EIRP (W)	Max. EIRP (dBm)
10 MHz	2501.01 ~ 2685	BPSK	0.589	27.7
		QPSK	0.596	27.75
		16QAM	0.262	24.18
		64QAM	0.229	23.6
		256QAM	0.205	23.11
15 MHz	2503.5 ~ 2682.48	BPSK	0.581	27.64
		QPSK	0.6	27.78
		16QAM	0.266	24.25
		64QAM	0.232	23.66
		256QAM	0.204	23.1
20 MHz	2506.02 ~ 2679.99	BPSK	0.582	27.65
		QPSK	0.598	27.77
		16QAM	0.258	24.11
		64QAM	0.234	23.69
		256QAM	0.207	23.16
25 MHz	2508.51 ~ 2677.5	BPSK	0.579	27.63
		QPSK	0.593	27.73
		16QAM	0.262	24.18
		64QAM	0.228	23.58
		256QAM	0.207	23.15
30 MHz	2511 ~ 2674.98	BPSK	0.587	27.69
		QPSK	0.594	27.74
		16QAM	0.261	24.16
		64QAM	0.232	23.66
		256QAM	0.207	23.16
35 MHz	2513.52 ~ 2672.49	BPSK	0.579	27.63
		QPSK	0.594	27.74
		16QAM	0.258	24.11
		64QAM	0.225	23.52
		256QAM	0.205	23.11
40 MHz	2516.01 ~ 2670	BPSK	0.585	27.67
		QPSK	0.594	27.74
		16QAM	0.259	24.14
		64QAM	0.231	23.64
		256QAM	0.208	23.18
45 MHz	2518.5 ~ 2667.48	BPSK	0.575	27.6
		QPSK	0.587	27.69
		16QAM	0.258	24.12
		64QAM	0.226	23.55
		256QAM	0.207	23.15
50 MHz	2521.02 ~ 2664.99	BPSK	0.582	27.65
		QPSK	0.597	27.76
		16QAM	0.262	24.18
		64QAM	0.229	23.59
		256QAM	0.205	23.12

Bandwidth	TX Frequency Range (MHz)	Modulation	Max. EIRP (W)	Max. EIRP (dBm)
60 MHz	2526 ~ 2659.98	BPSK	0.585	27.67
		QPSK	0.6	27.78
		16QAM	0.262	24.18
		64QAM	0.237	23.74
		256QAM	0.208	23.19
70 MHz	2531.01 ~ 2655	BPSK	0.596	27.75
		QPSK	0.61	27.85
		16QAM	0.266	24.25
		64QAM	0.238	23.77
		256QAM	0.214	23.3
80 MHz	2536.02 ~ 2649.99	BPSK	0.603	27.8
		QPSK	0.61	27.85
		16QAM	0.267	24.26
		64QAM	0.242	23.83
		256QAM	0.215	23.33
90 MHz	2541 ~ 2644.98	BPSK	0.603	27.8
		QPSK	0.61	27.85
		16QAM	0.267	24.26
		64QAM	0.242	23.84
		256QAM	0.21	23.22
100 MHz	2546.01 ~ 2640	BPSK	0.679	28.32
		QPSK	0.69	28.39
		16QAM	0.3	24.77
		64QAM	0.298	24.74
		256QAM	0.239	23.78

NR n41 SCS 30 kHz, 2TX

Bandwidth	TX Frequency Range (MHz)	Modulation	Max. EIRP (W)	Max. EIRP (dBm)	Emission Designator
10 MHz	2501.01 ~ 2685	BPSK	0.895	29.52	8M59G7D
		QPSK	0.935	29.71	8M60G7D
		16QAM	0.575	27.6	8M59D7W
		64QAM	0.527	27.22	8M59D7W
		256QAM	0.32	25.05	8M59D7W
15 MHz	2503.5 ~ 2682.48	BPSK	0.914	29.61	12M9G7D
		QPSK	0.944	29.75	13M6G7D
		16QAM	0.589	27.7	13M6D7W
		64QAM	0.536	27.29	13M6D7W
		256QAM	0.336	25.26	13M6D7W
20 MHz	2506.02 ~ 2679.99	BPSK	0.863	29.36	17M9G7D
		QPSK	0.918	29.63	18M2G7D
		16QAM	0.581	27.64	18M2D7W
		64QAM	0.504	27.02	18M2D7W
		256QAM	0.324	25.1	18M2D7W

Bandwidth	TX Frequency Range (MHz)	Modulation	Max. EIRP (W)	Max. EIRP (dBm)	Emission Designator
25 MHz	2508.51 ~ 2674.98	BPSK	0.893	29.51	22M9G7D
		QPSK	0.935	29.71	23M2G7D
		16QAM	0.555	27.44	23M2D7W
		64QAM	0.513	27.1	23M2D7W
		256QAM	0.318	25.03	23M2D7W
30 MHz	2511 ~ 2674.98	BPSK	0.908	29.58	26M8G7D
		QPSK	0.944	29.75	27M9G7D
		16QAM	0.574	27.59	27M8D7W
		64QAM	0.526	27.21	27M9D7W
		256QAM	0.337	25.27	27M9D7W
35 MHz	2513.52 ~ 2672.49	BPSK	0.902	29.55	32M1G7D
		QPSK	0.935	29.71	34M8G7D
		16QAM	0.552	27.42	32M9D7W
		64QAM	0.508	27.06	32M9D7W
		256QAM	0.318	25.02	32M9D7W
40 MHz	2516.01 ~ 2670	BPSK	0.927	29.67	35M7G7D
		QPSK	0.953	29.79	37M8G7D
		16QAM	0.59	27.71	37M8D7W
		64QAM	0.536	27.29	37M9D7W
		256QAM	0.326	25.13	37M9D7W
45 MHz	2518.5 ~ 2667.48	BPSK	0.897	29.53	38M6G7D
		QPSK	0.929	29.68	42M5G7D
		16QAM	0.557	27.46	42M5D7W
		64QAM	0.514	27.11	42M5D7W
		256QAM	0.321	25.07	42M5D7W
50 MHz	2521.02 ~ 2664.99	BPSK	0.902	29.55	45M7G7D
		QPSK	0.953	29.79	47M5G7D
		16QAM	0.583	27.66	47M5D7W
		64QAM	0.527	27.22	47M5D7W
		256QAM	0.324	25.1	47M5D7W
60 MHz	2526 ~ 2659.98	BPSK	0.92	29.64	57M9G7D
		QPSK	0.944	29.75	57M9G7D
		16QAM	0.575	27.6	57M8D7W
		64QAM	0.536	27.29	57M9D7W
		256QAM	0.323	25.09	57M9D7W
70 MHz	2531.01 ~ 2655	BPSK	0.889	29.49	64M3G7D
		QPSK	0.948	29.77	67M5G7D
		16QAM	0.578	27.62	67M5D7W
		64QAM	0.524	27.19	67M6D7W
		256QAM	0.331	25.2	67M5D7W
80 MHz	2536.02 ~ 2649.99	BPSK	0.891	29.5	77M2G7D
		QPSK	0.933	29.7	77M5G7D
		16QAM	0.578	27.62	77M5D7W
		64QAM	0.522	27.18	77M5D7W
		256QAM	0.33	25.18	77M5D7W

Bandwidth	TX Frequency Range (MHz)	Modulation	Max. EIRP (W)	Max. EIRP (dBm)	Emission Designator
90 MHz	2541 ~ 2644.98	BPSK	0.895	29.52	86M9G7D
		QPSK	0.955	29.8	87M5G7D
		16QAM	0.573	27.58	87M5D7W
		64QAM	0.518	27.14	87M5D7W
		256QAM	0.332	25.21	87M5D7W
100 MHz	2546.01 ~ 2640	BPSK	0.933	29.7	96M5G7D
		QPSK	0.959	29.82	97M5G7D
		16QAM	0.577	27.61	97M6D7W
		64QAM	0.531	27.25	97M5D7W
		256QAM	0.33	25.18	97M5D7W

NR n66 SCS 15 kHz

PC3_1TX

Bandwidth	TX Frequency Range (MHz)	Modulation	Max. EIRP (W)	Max. EIRP (dBm)
5 MHz	1712.5 ~ 1777.5	BPSK	0.321	25.06
		QPSK	0.324	25.11
		16QAM	0.170	22.3
		64QAM	0.136	21.34
		256QAM	0.076	18.79
10 MHz	1715 ~ 1775	BPSK	0.323	25.09
		QPSK	0.325	25.12
		16QAM	0.169	22.27
		64QAM	0.136	21.34
		256QAM	0.076	18.78
15 MHz	1717.5 ~ 1772.5	BPSK	0.321	25.06
		QPSK	0.325	25.12
		16QAM	0.170	22.3
		64QAM	0.137	21.36
		256QAM	0.076	18.8
20 MHz	1720 ~ 1770	BPSK	0.319	25.04
		QPSK	0.324	25.11
		16QAM	0.169	22.28
		64QAM	0.136	21.32
		256QAM	0.077	18.85
25 MHz	1722.5 ~ 1767.5	BPSK	0.324	25.11
		QPSK	0.325	25.12
		16QAM	0.169	22.27
		64QAM	0.135	21.3
		256QAM	0.076	18.83
30 MHz	1725 ~ 1765	BPSK	0.323	25.09
		QPSK	0.324	25.11
		16QAM	0.169	22.27
		64QAM	0.134	21.27
		256QAM	0.077	18.84

Bandwidth	TX Frequency Range (MHz)	Modulation	Max. EIRP (W)	Max. EIRP (dBm)
35 MHz	1732.5 ~ 1757.5	BPSK	0.324	25.1
		QPSK	0.324	25.11
		16QAM	0.172	22.36
		64QAM	0.136	21.32
		256QAM	0.077	18.84
40 MHz	1730 ~ 1760	BPSK	0.323	25.09
		QPSK	0.325	25.12
		16QAM	0.172	22.35
		64QAM	0.137	21.37
		256QAM	0.076	18.81
45 MHz	1732.5 ~ 1757.5	BPSK	0.324	25.11
		QPSK	0.326	25.13
		16QAM	0.173	22.37
		64QAM	0.137	21.37
		256QAM	0.077	18.85

PC2_2TX

Bandwidth	TX Frequency Range (MHz)	Modulation	Max. EIRP (W)	Max. EIRP (dBm)	Emission Designator
5 MHz	1712.5 ~ 1777.5	BPSK	0.690	28.39	4M48G7D
		QPSK	0.740	28.69	4M46G7D
		16QAM	0.349	25.43	4M47D7W
		64QAM	0.334	25.24	4M47D7W
		256QAM	0.223	23.49	4M48D7W
10 MHz	1715 ~ 1775	BPSK	0.690	28.39	8M94G7D
		QPSK	0.738	28.68	9M28G7D
		16QAM	0.348	25.42	9M31D7W
		64QAM	0.333	25.22	9M29D7W
		256QAM	0.225	23.52	9M29D7W
15 MHz	1717.5 ~ 1772.5	BPSK	0.693	28.41	13M4G7D
		QPSK	0.738	28.68	14M1G7D
		16QAM	0.348	25.42	14M1D7W
		64QAM	0.333	25.22	14M1D7W
		256QAM	0.226	23.55	14M1D7W
20 MHz	1720 ~ 1770	BPSK	0.693	28.41	17M9G7D
		QPSK	0.741	28.7	18M9G7D
		16QAM	0.345	25.38	18M9D7W
		64QAM	0.338	25.29	18M9D7W
		256QAM	0.225	23.53	18M9D7W
25 MHz	1722.5 ~ 1767.5	BPSK	0.690	28.38	22M9G7D
		QPSK	0.740	28.69	23M8G7D
		16QAM	0.350	25.44	23M8D7W
		64QAM	0.337	25.28	23M7D7W
		256QAM	0.225	23.52	23M7D7W

Bandwidth	TX Frequency Range (MHz)	Modulation	Max. EIRP (W)	Max. EIRP (dBm)	Emission Designator
30 MHz	1725 ~ 1765	BPSK	0.689	28.38	28M6G7D
		QPSK	0.740	28.69	28M6G7D
		16QAM	0.349	25.43	28M6D7W
		64QAM	0.335	25.25	28M6D7W
		256QAM	0.228	23.57	28M6D7W
35 MHz	1732.5 ~ 1757.5	BPSK	0.690	28.39	32M1G7D
		QPSK	0.735	28.66	33M5G7D
		16QAM	0.349	25.43	33M6D7W
		64QAM	0.337	25.28	33M6D7W
		256QAM	0.225	23.53	33M5D7W
40 MHz	1730 ~ 1760	BPSK	0.689	28.38	38M6G7D
		QPSK	0.736	28.67	38M6G7D
		16QAM	0.346	25.39	38M5D7W
		64QAM	0.335	25.25	38M6D7W
		256QAM	0.228	23.58	38M6D7W
45 MHz	1732.5 ~ 1757.5	BPSK	0.678	28.31	42M9G7D
		QPSK	0.748	28.74	43M2G7D
		16QAM	0.341	25.33	43M2D7W
		64QAM	0.334	25.24	43M2D7W
		256QAM	0.223	23.49	43M2D7W

NR n70 SCS 15 kHz

Bandwidth	TX Frequency Range (MHz)	Modulation	Max. ERP (W)	Max. ERP (dBm)	Emission Designator
5 MHz	1697.5 ~ 1707.5	BPSK	0.322	25.08	4M49G7D
		QPSK	0.323	25.09	4M47G7D
		16QAM	0.165	22.17	4M47D7W
		64QAM	0.141	21.5	4M47D7W
		256QAM	0.073	18.66	4M48D7W
10 MHz	1700 ~ 1705	BPSK	0.321	25.07	8M93G7D
		QPSK	0.323	25.09	9M28G7D
		16QAM	0.164	22.16	9M31D7W
		64QAM	0.141	21.5	9M29D7W
		256QAM	0.073	18.66	9M30D7W
15 MHz	1702.5	BPSK	0.316	24.99	13M4G7D
		QPSK	0.326	25.13	14M1G7D
		16QAM	0.167	22.23	14M1D7W
		64QAM	0.144	21.59	14M1D7W
		256QAM	0.075	18.75	14M1D7W

NR n71 SCS 15 kHz

Bandwidth	TX Frequency Range (MHz)	Modulation	Max. ERP (W)	Max. ERP (dBm)	Emission Designator
5 MHz	665.5 ~ 695.5	BPSK	0.116	20.66	4M49G7D
		QPSK	0.117	20.67	4M47G7D
		16QAM	0.063	18.02	4M47D7W
		64QAM	0.051	17.09	4M47D7W
		256QAM	0.029	14.63	4M48D7W
10 MHz	668 ~ 693	BPSK	0.117	20.68	8M93G7D
		QPSK	0.117	20.68	9M29G7D
		16QAM	0.064	18.04	9M30D7W
		64QAM	0.051	17.11	9M28D7W
		256QAM	0.029	14.63	9M29D7W
15 MHz	670.5 ~ 690.5	BPSK	0.116	20.64	13M4G7D
		QPSK	0.118	20.72	14M1G7D
		16QAM	0.063	18.02	14M1D7W
		64QAM	0.051	17.1	14M1D7W
		256QAM	0.029	14.61	14M1D7W
20 MHz	673 ~ 688	BPSK	0.117	20.67	17M9G7D
		QPSK	0.117	20.68	18M9G7D
		16QAM	0.063	18.02	18M9D7W
		64QAM	0.051	17.07	18M9D7W
		256QAM	0.029	14.58	18M9D7W
25 MHz	675.5 ~ 685.5	BPSK	0.116	20.64	22M9G7D
		QPSK	0.118	20.71	23M7G7D
		16QAM	0.063	18.02	23M8D7W
		64QAM	0.051	17.08	23M7D7W
		256QAM	0.029	14.63	23M7D7W
30 MHz	678 ~ 683	BPSK	0.116	20.63	28M5G7D
		QPSK	0.117	20.67	28M5G7D
		16QAM	0.064	18.04	28M5D7W
		64QAM	0.051	17.09	28M5D7W
		256QAM	0.029	14.59	28M5D7W
35 MHz	680.5	BPSK	0.117	20.69	32M0G7D
		QPSK	0.118	20.72	33M4G7D
		16QAM	0.064	18.09	33M4D7W
		64QAM	0.052	17.17	33M4D7W
		256QAM	0.029	14.68	33M4D7W

NR n77 SCS 30 kHz (3.45 GHz ~ 3.55 GHz), 1TX

Bandwidth	TX Frequency Range (MHz)	Modulation	Max. EIRP (W)	Max. EIRP (dBm)
10 MHz	3455.01 ~ 3544.98	BPSK	0.948	29.77
		QPSK	0.957	29.81
		16QAM	0.413	26.16
		64QAM	0.378	25.78
		256QAM	0.337	25.28
15 MHz	3457.5 ~ 3542.49	BPSK	0.948	29.77
		QPSK	0.962	29.83
		16QAM	0.426	26.29
		64QAM	0.373	25.72
		256QAM	0.337	25.27
20 MHz	3460.02 ~ 3540	BPSK	0.938	29.72
		QPSK	0.962	29.83
		16QAM	0.42	26.23
		64QAM	0.379	25.79
		256QAM	0.333	25.23
25 MHz	3462.51 ~ 3537.48	BPSK	0.946	29.76
		QPSK	0.957	29.81
		16QAM	0.421	26.24
		64QAM	0.378	25.78
		256QAM	0.335	25.25
30 MHz	3465 ~ 3534.99	BPSK	0.948	29.77
		QPSK	0.959	29.82
		16QAM	0.42	26.23
		64QAM	0.378	25.78
		256QAM	0.339	25.3
40 MHz	3470.01 ~ 3529.98	BPSK	0.94	29.73
		QPSK	0.957	29.81
		16QAM	0.424	26.27
		64QAM	0.378	25.78
		256QAM	0.331	25.2
50 MHz	3475.02 ~ 3525	BPSK	0.962	29.83
		QPSK	0.973	29.88
		16QAM	0.421	26.24
		64QAM	0.424	26.27
		256QAM	0.344	25.37
60 MHz	3480 ~ 3519.99	BPSK	0.946	29.76
		QPSK	0.959	29.82
		16QAM	0.422	26.25
		64QAM	0.378	25.78
		256QAM	0.329	25.17

Bandwidth	TX Frequency Range (MHz)	Modulation	Max. EIRP (W)	Max. EIRP (dBm)
70 MHz	3485.01 ~ 3514.98	BPSK	0.942	29.74
		QPSK	0.957	29.81
		16QAM	0.423	26.26
		64QAM	0.378	25.78
		256QAM	0.333	25.23
80 MHz	3490.02 ~ 3510	BPSK	0.946	29.76
		QPSK	0.959	29.82
		16QAM	0.425	26.28
		64QAM	0.378	25.77
		256QAM	0.338	25.29
90 MHz	3495 ~ 3504.99	BPSK	0.944	29.75
		QPSK	0.962	29.83
		16QAM	0.427	26.3
		64QAM	0.378	25.78
		256QAM	0.332	25.21
100 MHz	3500.01	BPSK	0.968	29.86
		QPSK	0.984	29.93
		16QAM	0.334	25.24
		64QAM	0.968	29.86
		256QAM	0.436	26.39

NR n77 SCS 30 kHz (3.45 GHz ~ 3.55 GHz), 2TX

Bandwidth	TX Frequency Range (MHz)	Modulation	Max. EIRP (W)	Max. EIRP (dBm)	Emission Designator
10 MHz	3455.01 ~ 3544.98	BPSK	0.817	29.12	8M62G7D
		QPSK	0.839	29.24	8M59G7D
		16QAM	0.676	28.3	8M58D7W
		64QAM	0.537	27.3	8M58D7W
		256QAM	0.298	24.74	8M58D7W
15 MHz	3457.5 ~ 3542.49	BPSK	0.841	29.25	12M9G7D
		QPSK	0.863	29.36	13M6G7D
		16QAM	0.697	28.43	13M6D7W
		64QAM	0.552	27.42	13M6D7W
		256QAM	0.307	24.87	13M6D7W
20 MHz	3460.02 ~ 3540	BPSK	0.82	29.14	17M9G7D
		QPSK	0.841	29.25	18M2G7D
		16QAM	0.676	28.3	18M2D7W
		64QAM	0.538	27.31	18M2D7W
		256QAM	0.299	24.75	18M2D7W
25 MHz	3462.51 ~ 3537.48	BPSK	0.818	29.13	22M9G7D
		QPSK	0.839	29.24	23M2G7D
		16QAM	0.673	28.28	23M2D7W
		64QAM	0.537	27.3	23M2D7W
		256QAM	0.299	24.75	23M2D7W
30 MHz	3465 ~ 3534.99	BPSK	0.807	29.07	26M8G7D
		QPSK	0.824	29.16	27M9G7D
		16QAM	0.664	28.22	27M9D7W
		64QAM	0.53	27.24	27M9D7W
		256QAM	0.294	24.68	27M9D7W
40 MHz	3470.01 ~ 3529.98	BPSK	0.839	29.24	35M8G7D
		QPSK	0.861	29.35	37M9G7D
		16QAM	0.689	28.38	37M9D7W
		64QAM	0.545	27.36	37M9D7W
		256QAM	0.301	24.79	37M9D7W
50 MHz	3475.02 ~ 3525	BPSK	0.798	29.02	45M7G7D
		QPSK	0.815	29.11	47M5G7D
		16QAM	0.653	28.15	47M5D7W
		64QAM	0.521	27.17	47M5D7W
		256QAM	0.289	24.61	47M5D7W
60 MHz	3480 ~ 3519.99	BPSK	0.815	29.11	57M9G7D
		QPSK	0.832	29.2	57M9G7D
		16QAM	0.671	28.27	57M8D7W
		64QAM	0.532	27.26	57M9D7W
		256QAM	0.295	24.7	57M9D7W
70 MHz	3485.01 ~ 3514.98	BPSK	0.839	29.24	64M4G7D
		QPSK	0.861	29.35	67M5G7D
		16QAM	0.695	28.42	67M5D7W
		64QAM	0.55	27.4	67M5D7W
		256QAM	0.305	24.84	67M5D7W

Bandwidth	TX Frequency Range (MHz)	Modulation	Max. EIRP (W)	Max. EIRP (dBm)	Emission Designator
80 MHz	3490.02 ~ 3510	BPSK	0.813	29.1	77M2G7D
		QPSK	0.832	29.2	77M5G7D
		16QAM	0.668	28.25	77M5D7W
		64QAM	0.53	27.24	77M5D7W
		256QAM	0.295	24.7	77M5D7W
90 MHz	3495 ~ 3504.99	BPSK	0.845	29.27	86M8G7D
		QPSK	0.861	29.35	87M5G7D
		16QAM	0.693	28.41	87M5D7W
		64QAM	0.551	27.41	87M5D7W
		256QAM	0.306	24.86	87M5D7W
100 MHz	3500.01 ~ 3500.01	BPSK	0.845	29.27	96M6G7D
		QPSK	0.863	29.36	97M5G7D
		16QAM	0.692	28.4	97M5D7W
		64QAM	0.55	27.4	97M5D7W
		256QAM	0.307	24.87	97M5D7W

NR n77 SCS 30 kHz (3.7 GHz ~ 3.98 GHz), 1TX

Bandwidth	TX Frequency Range (MHz)	Modulation	Max. EIRP (W)	Max. EIRP (dBm)
10 MHz	3705 ~ 3975	BPSK	0.933	29.7
		QPSK	0.959	29.82
		16QAM	0.418	26.21
		64QAM	0.379	25.79
		256QAM	0.329	25.17
15 MHz	3707.52 ~ 3972.48	BPSK	0.94	29.73
		QPSK	0.962	29.83
		16QAM	0.418	26.21
		64QAM	0.372	25.7
		256QAM	0.337	25.28
20 MHz	3710.01 ~ 3969.99	BPSK	0.944	29.75
		QPSK	0.964	29.84
		16QAM	0.414	26.17
		64QAM	0.376	25.75
		256QAM	0.33	25.19
25 MHz	3712.5 ~ 3967.5	BPSK	0.933	29.7
		QPSK	0.964	29.84
		16QAM	0.425	26.28
		64QAM	0.382	25.82
		256QAM	0.334	25.24
30 MHz	3715.02 ~ 3964.98	BPSK	0.951	29.78
		QPSK	0.959	29.82
		16QAM	0.428	26.31
		64QAM	0.37	25.68
		256QAM	0.339	25.3
40 MHz	3720 ~ 3960	BPSK	0.948	29.77
		QPSK	0.962	29.83
		16QAM	0.425	26.28
		64QAM	0.379	25.79
		256QAM	0.335	25.25
50 MHz	3725.01 ~ 3954.99	BPSK	0.975	29.89
		QPSK	0.975	29.89
		16QAM	0.422	26.25
		64QAM	0.435	26.38
		256QAM	0.338	25.29
60 MHz	3730.02 ~ 3949.98	BPSK	0.951	29.78
		QPSK	0.959	29.82
		16QAM	0.423	26.26
		64QAM	0.373	25.72
		256QAM	0.329	25.17
70 MHz	3735 ~ 3945	BPSK	0.938	29.72
		QPSK	0.966	29.85
		16QAM	0.416	26.19
		64QAM	0.376	25.75
		256QAM	0.338	25.29

Bandwidth	TX Frequency Range (MHz)	Modulation	Max. EIRP (W)	Max. EIRP (dBm)
80 MHz	3740.01 ~ 3939.99	BPSK	0.94	29.73
		QPSK	0.962	29.83
		16QAM	0.413	26.16
		64QAM	0.378	25.77
		256QAM	0.333	25.22
90 MHz	3745.02 ~ 3934.98	BPSK	0.938	29.72
		QPSK	0.957	29.81
		16QAM	0.416	26.19
		64QAM	0.37	25.68
		256QAM	0.327	25.15
100 MHz	3750 ~ 3930	BPSK	0.971	29.87
		QPSK	0.984	29.93
		16QAM	0.438	26.41
		64QAM	0.384	25.84
		256QAM	0.337	25.28

NR n77 SCS 30 kHz (3.7 GHz ~ 3.98 GHz), 2TX

Bandwidth	TX Frequency Range (MHz)	Modulation	Max. EIRP (W)	Max. EIRP (dBm)	Emission Designator
10 MHz	3705 ~ 3975	BPSK	0.828	29.18	8M58G7D
		QPSK	0.847	29.28	8M58G7D
		16QAM	0.681	28.33	8M58D7W
		64QAM	0.543	27.35	8M59D7W
		256QAM	0.303	24.82	8M57D7W
15 MHz	3707.52 ~ 3972.48	BPSK	0.817	29.12	12M9G7D
		QPSK	0.839	29.24	13M6G7D
		16QAM	0.678	28.31	13M6D7W
		64QAM	0.54	27.32	13M6D7W
		256QAM	0.301	24.79	13M6D7W
20 MHz	3710.01 ~ 3969.99	BPSK	0.817	29.12	17M9G7D
		QPSK	0.832	29.2	18M2G7D
		16QAM	0.67	28.26	18M2D7W
		64QAM	0.532	27.26	18M2D7W
		256QAM	0.297	24.73	18M2D7W
25 MHz	3712.5 ~ 3967.5	BPSK	0.824	29.16	22M9G7D
		QPSK	0.847	29.28	23M2G7D
		16QAM	0.679	28.32	23M2D7W
		64QAM	0.542	27.34	23M2D7W
		256QAM	0.301	24.79	23M2D7W
30 MHz	3715.02 ~ 3964.98	BPSK	0.83	29.19	26M8G7D
		QPSK	0.849	29.29	27M8G7D
		16QAM	0.684	28.35	27M9D7W
		64QAM	0.541	27.33	27M9D7W
		256QAM	0.301	24.79	27M9D7W
40 MHz	3720 ~ 3960	BPSK	0.826	29.17	35M7G7D
		QPSK	0.847	29.28	37M9G7D
		16QAM	0.681	28.33	37M9D7W
		64QAM	0.542	27.34	37M9D7W
		256QAM	0.302	24.8	37M9D7W
50 MHz	3725.01 ~ 3954.99	BPSK	0.793	28.99	45M7G7D
		QPSK	0.815	29.11	47M5G7D
		16QAM	0.653	28.15	47M5D7W
		64QAM	0.518	27.14	47M5D7W
		256QAM	0.288	24.59	47M5D7W
60 MHz	3730.02 ~ 3949.98	BPSK	0.822	29.15	57M9G7D
		QPSK	0.845	29.27	57M9G7D
		16QAM	0.676	28.3	57M9D7W
		64QAM	0.535	27.28	57M8D7W
		256QAM	0.299	24.75	57M9D7W
70 MHz	3735 ~ 3945	BPSK	0.832	29.2	64M3G7D
		QPSK	0.847	29.28	67M5G7D
		16QAM	0.681	28.33	67M5D7W
		64QAM	0.54	27.32	67M5D7W
		256QAM	0.3	24.77	67M5D7W

Bandwidth	TX Frequency Range (MHz)	Modulation	Max. EIRP (W)	Max. EIRP (dBm)	Emission Designator
80 MHz	3740.01 ~ 3939.99	BPSK	0.826	29.17	77M2G7D
		QPSK	0.845	29.27	77M5G7D
		16QAM	0.681	28.33	77M5D7W
		64QAM	0.543	27.35	77M5D7W
		256QAM	0.302	24.8	77M5D7W
90 MHz	3745.02 ~ 3934.98	BPSK	0.826	29.17	86M9G7D
		QPSK	0.847	29.28	87M5G7D
		16QAM	0.681	28.33	87M5D7W
		64QAM	0.543	27.35	87M5D7W
		256QAM	0.303	24.82	87M5D7W
100 MHz	3750 ~ 3930	BPSK	0.834	29.21	96M5G7D
		QPSK	0.849	29.29	97M5G7D
		16QAM	0.684	28.35	97M5D7W
		64QAM	0.545	27.36	97M5D7W
		256QAM	0.304	24.83	97M5D7W

* 5G NR n78 Bandwidth cover by 5G NR n77.

3. The EUT uses following accessories.

Battery	Brand	NETGEAR
	Model	W-20b
	Power Rating	3.85V, 19.96Wh
AC Adapter 1	Brand	NETGEAR
	Model	2AGD02131
	Part Number	332-11838-01
	AC Input	100-120Vac, 50/60 Hz
	DC Output	5V/9V, 3A/2.34A
	Manufacturer	CHANNEL WELL TECHNOLOGY
AC Adapter 2	Brand	NETGEAR
	Model	ADT-21NPD-09-EPCU
	Part Number	332-11830-01
	AC Input	100-120Vac, 50/60 Hz
	DC Output	5V/9V, 3A/2.34A
	Manufacturer	Honor: Vietnam Honor High Tech Co., Ltd.
Type C Cable	Brand	JI-HAW ELECTRONICS CO., LTD
	Model	310-10092-01
	Signal Line	0.95M

4. The EUT supports the following ENDC configuration.

	FCC 5G FR1			ENDC
	Band	SCS	Bandwidth (MHz)	
5GNR	n2	15 kHz	5/10/15/20/25/30/35/40	Band 5/12/13/14/30/66
	n5	15 kHz	5/10/15/20	Band 2/30/48/66
	n41	30 kHz	10/15/20/30/35/40/45/50/60/70/80/90/100	Band 2/66
	n66	15 kHz	5/10/15/20/25/30/35/40/45	Band 2/5/12/13/14/30
	n71	15 kHz	5/10/15/20	Band 2/66
	n77	30 kHz	10/15/20/25/30/40/50/60/70/80/90/100	Band 2/5/12/13/14/30/66

*For 5G NR ENDC mode configuration, please consult the manufacturer to declare the test mode.
*The EUT supports n2, n5, n41, n66, n71, n77 SA mode and EN-DC mode. After verification, SA mode was identified as the worst case and was therefore selected for final testing.

* After evaluation, only the maximum power and bandwidth of each frequency band are presented in the test report for a spot-check. Please refer to section 7.1.20 and 7.4.7.

5. The EUT supports n38, n40, n41, n48 ,n77, n78, SA mode and SRS mode. After verification, SA mode was identified as the worst case and was therefore selected for final testing.
6. For detailed information about each WWAN bands frequency range, bandwidth mode of the product, please refer to section 3.3 of the report.
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.

Type		Monopole				
Connector		NA				
Band		Freq. Range (MHz)	Gain (dBi)			
			Ant. 0	Ant. 1	Ant. 2	Ant. 3
5GNR n2	1TX (Ant. 0) 2TX (Ant. 0 + 3)	1850~1910	1.26	-	-	2.21
5GNR n5	1TX (Ant. 0)	824 ~ 849	1.12	-	-	-
5GNR n7	1TX (Ant. 3)	2500 ~ 2570	1.25	-	-	1.58
5GNR n12	1TX (Ant. 0)	698 ~ 716	-0.3	-	-	-
5GNR n13	1TX (Ant. 0)	777 ~ 787	-0.08	-	-	-
5GNR n14	1TX (Ant. 0)	788 ~ 798	-0.08	-	-	-
5GNR n25	1TX (Ant. 0)	1850 ~ 1915	1.26	-	-	2.21
5GNR n26	1TX (Ant. 0)	814 ~ 849	1.12	-	-	-
5GNR n30	1TX (Ant. 3) 2TX (Ant. 0 + 3)	2305 ~ 2315	0.85	-	-	1.41
5GNR n38	1TX (Ant. 3)	2570 ~ 2620	1.03	-	-	1.58
5GNR n40	1TX (Ant. 3)	2300 ~ 2400	-	-	-	1.41
5GNR n41	1TX (Ant. 3) 2TX (Ant. 0 + 3)	2496 ~ 2690	1.25	1.01	1.09	1.58
5GNR n48	1TX (Ant. 0) 2TX (Ant. 0 + 3)	3550 ~ 3700	3.31	2.14	1.83	2.07
5GNR n66	1TX (Ant. 0) 2TX (Ant. 0 + 3)	1710 ~ 1780	1.14	-	-	1.37
5GNR n70	1TX (Ant. 0)	1695 ~1720	1.14	-	-	1.37
5GNR n71	1TX (Ant. 0)	663 ~ 698	-1.12	-	-	-
5GNR n77	1TX (Ant. 0) 2TX (Ant. 0 + 3)	3300 ~ 4200	3.56	2.99	2.85	2.37
5GNR n78	1TX (Ant. 0) 2TX (Ant. 0 + 3)	3300 ~ 3800	3.56	2.41	2.85	2.07

* 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.
* The MIMO mode is completely uncorrelated, so the directional gain is selected the maximum gain among all antennas.

3.3 Test Mode Applicability and Tested Channel Detail

Pre-Scan:	1. 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. 2. EUT has the following AC Adapter: AC Adapter 1 / AC Adapter 2. Pre-scan these AC Adapters and find the worst case as a representative test condition. 3. Pre-Scan has been conducted to determine the worst-case from all possible combinations of EUT configure mode (1Tx or 2Tx if available), power class, channel, bandwidth, modulation and RB mode. See below table(s) for details.
Worst Case:	1. X-axis/ Y-axis / Z-axis Worst Condition: X-axis 2. Adapter Worst Condition: AC Adapter 2

3.3.1 NR n2 SCS 15 kHz

Test Item	Power Class	Tx/Rx Condition	Tested Channel	Channel Bandwidth	Modulation	Mode
Equivalent Isotropically Radiated Power	PC3, PC2	1TX (Ant. 0), 2TX (Ant. 0 + 3)	370500(1852.50 MHz) 376000(1880.00 MHz) 381500(1907.50 MHz)	5 MHz	BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
			371000(1855.00 MHz) 376000(1880.00 MHz) 381000(1905.00 MHz)	10 MHz	BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
			371500(1857.50 MHz) 376000(1880.00 MHz) 380500(1902.50 MHz)	15 MHz	BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
			372000(1860.00 MHz) 376000(1880.00 MHz) 380000(1900.00 MHz)	20 MHz	BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
			372500(1862.50 MHz) 376000(1880.00 MHz) 379500(1897.50 MHz)	25 MHz	BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
			373000(1865.00 MHz) 376000(1880.00 MHz) 379000(1895.00 MHz)	30 MHz	BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
			373500(1867.50 MHz) 376000(1880.00 MHz) 379500(1892.50 MHz)	35 MHz	BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
			374000(1870.00 MHz) 376000(1880.00 MHz) 378000(1890.00 MHz)	40 MHz	BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
Modulation Characteristics	PC2	2Tx (Ant. 0 + 3)	376000(1880.00 MHz)	40 MHz	BPSK / QPSK / 16QAM / 64QAM / 256QAM	Full RB

Test Item	Power Class	Tx/Rx Condition	Tested Channel	Channel Bandwidth	Modulation	Mode
Peak to Average Ratio	PC2	2Tx (Ant. 0 + 3)	370500(1852.50 MHz) 376000(1880.00 MHz) 381500(1907.50 MHz)	5 MHz	BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB
			371000(1855.00 MHz) 376000(1880.00 MHz) 381000(1905.00 MHz)	10 MHz	BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB
			371500(1857.50 MHz) 376000(1880.00 MHz) 380500(1902.50 MHz)	15 MHz	BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB
			372000(1860.00 MHz) 376000(1880.00 MHz) 380000(1900.00 MHz)	20 MHz	BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB
			372500(1862.50 MHz) 376000(1880.00 MHz) 379500(1897.50 MHz)	25 MHz	BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB
			373000(1865.00 MHz) 376000(1880.00 MHz) 379000(1895.00 MHz)	30 MHz	BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB
			373500(1867.50 MHz) 376000(1880.00 MHz) 379500(1892.50 MHz)	35 MHz	BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB
			374000(1870.00 MHz) 376000(1880.00 MHz) 378000(1890.00 MHz)	40 MHz	BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB
Bandwidth	PC2	2Tx (Ant. 0 + 3)	370500(1852.50 MHz) 376000(1880.00 MHz) 381500(1907.50 MHz)	5 MHz	BPSK / QPSK / 16QAM / 64QAM / 256QAM	Full RB
			371000(1855.00 MHz) 376000(1880.00 MHz) 381000(1905.00 MHz)	10 MHz	BPSK / QPSK / 16QAM / 64QAM / 256QAM	Full RB
			371500(1857.50 MHz) 376000(1880.00 MHz) 380500(1902.50 MHz)	15 MHz	BPSK / QPSK / 16QAM / 64QAM / 256QAM	Full RB
			372000(1860.00 MHz) 376000(1880.00 MHz) 380000(1900.00 MHz)	20 MHz	BPSK / QPSK / 16QAM / 64QAM / 256QAM	Full RB
			372500(1862.50 MHz) 376000(1880.00 MHz) 379500(1897.50 MHz)	25 MHz	BPSK / QPSK / 16QAM / 64QAM / 256QAM	Full RB
			373000(1865.00 MHz) 376000(1880.00 MHz) 379000(1895.00 MHz)	30 MHz	BPSK / QPSK / 16QAM / 64QAM / 256QAM	Full RB
			373500(1867.50 MHz) 376000(1880.00 MHz) 379500(1892.50 MHz)	35 MHz	BPSK / QPSK / 16QAM / 64QAM / 256QAM	Full RB
			374000(1870.00 MHz) 376000(1880.00 MHz) 378000(1890.00 MHz)	40 MHz	BPSK / QPSK / 16QAM / 64QAM / 256QAM	Full RB

Test Item	Power Class	Tx/Rx Condition	Tested Channel	Channel Bandwidth	Modulation	Mode
Conducted Spurious Emissions	PC2	2Tx (Ant. 0 + 3)	370500(1852.50 MHz) 376000(1880.00 MHz) 381500(1907.50 MHz)	5 MHz	QPSK	1 RB Full RB
			371000(1855.00 MHz) 376000(1880.00 MHz) 381000(1905.00 MHz)	10 MHz	QPSK	1 RB Full RB
			371500(1857.50 MHz) 376000(1880.00 MHz) 380500(1902.50 MHz)	15 MHz	QPSK	1 RB Full RB
			372000(1860.00 MHz) 376000(1880.00 MHz) 380000(1900.00 MHz)	20 MHz	QPSK	1 RB Full RB
			372500(1862.50 MHz) 376000(1880.00 MHz) 379500(1897.50 MHz)	25 MHz	QPSK	1 RB Full RB
			373000(1865.00 MHz) 376000(1880.00 MHz) 379000(1895.00 MHz)	30 MHz	QPSK	1 RB Full RB
			373500(1867.50 MHz) 376000(1880.00 MHz) 379500(1892.50 MHz)	35 MHz	QPSK	1 RB Full RB
			374000(1870.00 MHz) 376000(1880.00 MHz) 378000(1890.00 MHz)	40 MHz	QPSK	1 RB Full RB
Radiated Spurious Emissions below 1GHz	PC2	2Tx (Ant. 0 + 3)	380000(1900.00 MHz)	20 MHz	QPSK	1 RB
Radiated Spurious Emissions above 1GHz	PC2	2Tx (Ant. 0 + 3)	370500(1852.50 MHz) 376000(1880.00 MHz) 381500(1907.50 MHz)	5 MHz	QPSK	1 RB
			372000(1860.00 MHz) 376000(1880.00 MHz) 380000(1900.00 MHz)	20 MHz	QPSK	1 RB
			374000(1870.00 MHz) 376000(1880.00 MHz) 378000(1890.00 MHz)	40 MHz	QPSK	1 RB
Frequency Stability	-	-	374000(1870.00 MHz) 378000(1890.00 MHz)	40 MHz	QPSK	Full RB

3.3.2 NR n5 SCS 15 kHz

Test Item	Power Class	Tx/Rx Condition	Tested Channel	Channel Bandwidth	Modulation	Mode
Effective Radiated Power	PC3	1Tx (Ant. 0)	165300(826.50 MHz) 167300(836.50 MHz) 169300(846.50 MHz)	5 MHz	BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
			165800(829.00 MHz) 167300(836.50 MHz) 168800(844.00 MHz)	10 MHz	BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
			166300(831.50 MHz) 167300(836.50 MHz) 168300(841.50 MHz)	15 MHz	BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
			166800(834.00 MHz) 167300(836.50 MHz) 167800(839.00 MHz)	20 MHz	BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
Radiated Spurious Emissions below 1GHz	PC3	1Tx (Ant. 0)	169300(846.50 MHz)	5 MHz	QPSK	1 RB
Radiated Spurious Emissions above 1GHz	PC3	1Tx (Ant. 0)	165300(826.50 MHz) 167300(836.50 MHz) 169300(846.50 MHz)	5 MHz	QPSK	1 RB
			166800(834.00 MHz) 167300(836.50 MHz) 167800(839.00 MHz)	20 MHz	QPSK	1 RB

3.3.3 NR n7 SCS 15 kHz

Test Item	Power Class	Tx/Rx Condition	Tested Channel	Channel Bandwidth	Modulation	Mode
Equivalent Isotropically Radiated Power	PC3	1Tx (Ant. 3)	500500(2502.50 MHz) 507000(2535.00 MHz) 513500(2567.50 MHz)	5 MHz	BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
			501000(2505.00 MHz) 507000(2535.00 MHz) 513000(2565.00 MHz)	10 MHz	BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
			501500(2507.50 MHz) 507000(2535.00 MHz) 512500(2562.50 MHz)	15 MHz	BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
			502000(2510.00 MHz) 507000(2535.00 MHz) 512000(2560.00 MHz)	20 MHz	BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
			502500(2512.50 MHz) 507000(2535.00 MHz) 511500(2557.50 MHz)	25 MHz	BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
			503000(2515.00 MHz) 507000(2535.00 MHz) 511000(2555.00 MHz)	30 MHz	BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
			502500(2517.50 MHz) 507000(2535.00 MHz) 510500(2552.50 MHz)	35 MHz	BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
			504000(2520.00 MHz) 507000(2535.00 MHz) 510000(2550.00 MHz)	40 MHz	BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
			505000(2525.00 MHz) 507000(2535.00 MHz) 509000(2545.00 MHz)	50 MHz	BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
Radiated Spurious Emissions below 1GHz	PC3	1Tx (Ant. 3)	507000(2535.00 MHz)	50 MHz	QPSK	1 RB
Radiated Spurious Emissions above 1GHz	PC3	1Tx (Ant. 3)	500500(2502.50 MHz) 507000(2535.00 MHz) 513500(2567.50 MHz)	5 MHz	QPSK	1 RB
			502000(2510.00 MHz) 507000(2535.00 MHz) 512000(2560.00 MHz)	20 MHz	QPSK	1 RB
			505000(2525.00 MHz) 507000(2535.00 MHz) 509000(2545.00 MHz)	50 MHz	QPSK	1 RB

3.3.4 NR n12 SCS 15 kHz

Test Item	Power Class	Tx/Rx Condition	Tested Channel	Channel Bandwidth	Modulation	Mode
Effective Radiated Power	PC3	1Tx (Ant. 0)	140300(701.50 MHz) 141500(707.50 MHz) 142700(713.50 MHz)	5 MHz	BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
			140800(704.00 MHz) 141500(707.50 MHz) 142200(711.00 MHz)	10 MHz	BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
			141300(706.50 MHz) 141500(707.50 MHz) 141700(708.50 MHz)	15 MHz	BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
Radiated Spurious Emissions below 1GHz	PC3	1Tx (Ant. 0)	141500(707.50 MHz)	5 MHz	QPSK	1 RB
Radiated Spurious Emissions above 1GHz	PC3	1Tx (Ant. 0)	140300(701.50 MHz) 141500(707.50 MHz) 142700(713.50 MHz)	5 MHz	QPSK	1 RB
			141300(706.50 MHz) 141500(707.50 MHz) 141700(708.50 MHz)	15 MHz	QPSK	1 RB

3.3.5 NR n13 SCS 15 kHz

Test Item	Power Class	Tx/Rx Condition	Tested Channel	Channel Bandwidth	Modulation	Mode
Effective Radiated Power	PC3	1Tx (Ant. 0)	155900(779.50 MHz) 156400(782.00 MHz) 156900(784.50 MHz)	5 MHz	BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
			156400(782.00 MHz)	10 MHz	BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
Radiated Spurious Emissions below 1GHz	PC3	1Tx (Ant. 0)	156400(782.00 MHz)	5 MHz	QPSK	1 RB
Radiated Spurious Emissions above 1GHz	PC3	1Tx (Ant. 0)	155900(779.50 MHz) 156400(782.00 MHz) 156900(784.50 MHz)	5 MHz	QPSK	1 RB
			156400(782.00 MHz)	10 MHz	QPSK	1 RB

3.3.6 NR n14 SCS 15 kHz

Test Item	Power Class	Tx/Rx Condition	Tested Channel	Channel Bandwidth	Modulation	Mode
Effective Radiated Power	PC3	1Tx (Ant. 0)	158100(790.50 MHz) 158600(793.00 MHz) 159100(795.50 MHz)	5 MHz	BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
			158600(793.00 MHz)	10 MHz	BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
Radiated Spurious Emissions below 1GHz	PC3	1Tx (Ant. 0)	158600(793.00 MHz)	5 MHz	QPSK	1 RB
Radiated Spurious Emissions above 1GHz	PC3	1Tx (Ant. 0)	158100(790.50 MHz) 158600(793.00 MHz) 159100(795.50 MHz)	5 MHz	QPSK	1 RB
			158600(793.00 MHz)	10 MHz	QPSK	1 RB

3.3.7 NR n25 SCS 15 kHz

Test Item	Power Class	Tx/Rx Condition	Tested Channel	Channel Bandwidth	Modulation	Mode
Equivalent Isotropically Radiated Power	PC3	1Tx (Ant. 0)	370500(1852.50 MHz) 376500(1882.50 MHz) 382500(1912.50 MHz)	5 MHz	BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
			371000(1855.00 MHz) 376500(1882.50 MHz) 382000(1910.00 MHz)	10 MHz	BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
			371500(1857.50 MHz) 376500(1882.50 MHz) 381500(1907.50 MHz)	15 MHz	BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
			372000(1860.00 MHz) 376500(1882.50 MHz) 381000(1905.00 MHz)	20 MHz	BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
			372500(1862.50 MHz) 376500(1882.50 MHz) 380500(1902.50 MHz)	25 MHz	BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
			373000(1865.00 MHz) 376500(1882.50 MHz) 380000(1900.00 MHz)	30 MHz	BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
			373500(1867.50 MHz) 376500(1882.50 MHz) 379500(1897.50 MHz)	35 MHz	BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
			374000(1870.00 MHz) 376500(1882.50 MHz) 379000(1895.00 MHz)	40 MHz	BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
Radiated Spurious Emissions below 1GHz	PC3	1Tx (Ant. 0)	376500(1882.50 MHz)	5 MHz	QPSK	1 RB
Radiated Spurious Emissions above 1GHz	PC3	1Tx (Ant. 0), 2Tx (Ant. 0 + 3)	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

3.3.8 NR n26 SCS 15 kHz (814 MHz ~ 824 MHz)

Test Item	Power Class	Tx/Rx Condition	Tested Channel	Channel Bandwidth	Modulation	Mode
Effective Radiated Power	PC3	1Tx (Ant. 0)	163300(816.50 MHz) 163800(819.00 MHz) 164300(821.50 MHz)	5 MHz	BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
			163800(819.00 MHz)	10 MHz	BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
Radiated Spurious Emissions below 1GHz	PC3	1Tx (Ant. 0)	163800(819.00 MHz)	10 MHz	QPSK	1 RB
Radiated Spurious Emissions above 1GHz	PC3	1Tx (Ant. 0)	163300(816.50 MHz) 163800(819.00 MHz) 164300(821.50 MHz)	5 MHz	QPSK	1 RB
			163800(819.00 MHz)	10 MHz	QPSK	1 RB

3.3.9 NR n26 SCS 15 kHz (824 MHz ~ 849 MHz)

Test Item	Power Class	Tx/Rx Condition	Tested Channel	Channel Bandwidth	Modulation	Mode
Effective Radiated Power	PC3	1Tx (Ant. 0)	165300(826.50 MHz) 167300(836.50 MHz) 169300(846.50 MHz)	5 MHz	BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
			165800(829.00 MHz) 167300(836.50 MHz) 168800(844.00 MHz)	10 MHz	BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
			166300(831.50 MHz) 167300(836.50 MHz) 168300(841.50 MHz)	15 MHz	BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
			166800(834.00 MHz) 167300(836.50 MHz) 167800(839.00 MHz)	20 MHz	BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
Radiated Spurious Emissions below 1GHz	PC3	1Tx (Ant. 0)	167300(836.50 MHz)	20 MHz	QPSK	1 RB
Radiated Spurious Emissions above 1GHz	PC3	1Tx (Ant. 0)	165300(826.50 MHz) 167300(836.50 MHz) 169300(846.50 MHz)	5 MHz	QPSK	1 RB
			166800(834.00 MHz) 167300(836.50 MHz) 167800(839.00 MHz)	20 MHz	QPSK	1 RB

3.3.10NR n30 SCS 15 kHz

Test Item	Power Class	Tx/Rx Condition	Tested Channel	Channel Bandwidth	Modulation	Mode
Equivalent Isotropically Radiated Power	PC3	1TX (Ant. 3), 2Tx (Ant. 0 + 3)	461500(2307.50 MHz) 462000(2310.00 MHz) 462500(2312.50 MHz)	5 MHz	BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
			462000(2310.00 MHz)	10 MHz	BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
Radiated Spurious Emissions below 1GHz	PC3	2Tx (Ant. 0 + 3)	462000(2310.00 MHz)	5 MHz	QPSK	1 RB
Radiated Spurious Emissions above 1GHz	PC3	2Tx (Ant. 0 + 3)	461500(2307.50 MHz) 462000(2310.00 MHz) 462500(2312.50 MHz)	5 MHz	QPSK	1 RB
			462000(2310.00 MHz)	10 MHz	QPSK	1 RB

3.3.11NR n38 SCS 30 kHz

Test Item	Power Class	Tx/Rx Condition	Tested Channel	Channel Bandwidth	Modulation	Mode
Equivalent Isotropically Radiated Power	PC3	1Tx (Ant. 3)	515000(2575.00 MHz) 519000(2595.00 MHz) 523000(2615.00 MHz)	10 MHz	BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
			515500(2577.50 MHz) 519000(2595.00 MHz) 522500(2612.50 MHz)	15 MHz	BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
			516000(2580.00 MHz) 519000(2595.00 MHz) 522000(2610.00 MHz)	20 MHz	BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
			516500(2582.50 MHz) 519000(2595.00 MHz) 521500(2607.50 MHz)	25 MHz	BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
			517000(2585.00 MHz) 519000(2595.00 MHz) 521000(2605.00 MHz)	30 MHz	BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
			518000(2590.00 MHz) 519000(2595.00 MHz) 520000(2600.00 MHz)	40 MHz	BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
Modulation Characteristics	PC3	1Tx (Ant. 3)	519000(2595.00 MHz)	40 MHz	BPSK / QPSK / 16QAM / 64QAM / 256QAM	Full RB
Peak to Average Ratio	PC3	1Tx (Ant. 3)	515000(2575.00 MHz) 519000(2595.00 MHz) 523000(2615.00 MHz)	10 MHz	BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB
			515500(2577.50 MHz) 519000(2595.00 MHz) 522500(2612.50 MHz)	15 MHz	BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB
			516000(2580.00 MHz) 519000(2595.00 MHz) 522000(2610.00 MHz)	20 MHz	BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB
			516500(2582.50 MHz) 519000(2595.00 MHz) 521500(2607.50 MHz)	25 MHz	BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB
			517000(2585.00 MHz) 519000(2595.00 MHz) 521000(2605.00 MHz)	30 MHz	BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB
			518000(2590.00 MHz) 519000(2595.00 MHz) 520000(2600.00 MHz)	40 MHz	BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB

Test Item	Power Class	Tx/Rx Condition	Tested Channel	Channel Bandwidth	Modulation	Mode
Bandwidth	PC3	1Tx (Ant. 3))	515000(2575.00 MHz) 519000(2595.00 MHz) 523000(2615.00 MHz)	10 MHz	BPSK / QPSK / 16QAM / 64QAM / 256QAM	Full RB
			515500(2577.50 MHz) 519000(2595.00 MHz) 522500(2612.50 MHz)	15 MHz	BPSK / QPSK / 16QAM / 64QAM / 256QAM	Full RB
			516000(2580.00 MHz) 519000(2595.00 MHz) 522000(2610.00 MHz)	20 MHz	BPSK / QPSK / 16QAM / 64QAM / 256QAM	Full RB
			516500(2582.50 MHz) 519000(2595.00 MHz) 521500(2607.50 MHz)	25 MHz	BPSK / QPSK / 16QAM / 64QAM / 256QAM	Full RB
			517000(2585.00 MHz) 519000(2595.00 MHz) 521000(2605.00 MHz)	30 MHz	BPSK / QPSK / 16QAM / 64QAM / 256QAM	Full RB
			518000(2590.00 MHz) 519000(2595.00 MHz) 520000(2600.00 MHz)	40 MHz	BPSK / QPSK / 16QAM / 64QAM / 256QAM	Full RB
Conducted Spurious Emissions	PC3	1Tx (Ant. 3)	515000(2575.00 MHz) 519000(2595.00 MHz) 523000(2615.00 MHz)	10 MHz	QPSK	1 RB Full RB
			515500(2577.50 MHz) 519000(2595.00 MHz) 522500(2612.50 MHz)	15 MHz	QPSK	1 RB Full RB
			516000(2580.00 MHz) 519000(2595.00 MHz) 522000(2610.00 MHz)	20 MHz	QPSK	1 RB Full RB
			516500(2582.50 MHz) 519000(2595.00 MHz) 521500(2607.50 MHz)	25 MHz	QPSK	1 RB Full RB
			517000(2585.00 MHz) 519000(2595.00 MHz) 521000(2605.00 MHz)	30 MHz	QPSK	1 RB Full RB
			518000(2590.00 MHz) 519000(2595.00 MHz) 520000(2600.00 MHz)	40 MHz	QPSK	1 RB Full RB

Test Item	Power Class	Tx/Rx Condition	Tested Channel	Channel Bandwidth	Modulation	Mode
Radiated Spurious Emissions below 1GHz	PC3	1Tx (Ant. 3)	522000(2610.00 MHz)	20 MHz	QPSK	1 RB
Radiated Spurious Emissions above 1GHz	PC3	1Tx (Ant. 3)	515000(2575.00 MHz) 519000(2595.00 MHz) 523000(2615.00 MHz)	10 MHz	QPSK	1 RB
			516000(2580.00 MHz) 519000(2595.00 MHz) 522000(2610.00 MHz)	20 MHz	QPSK	1 RB
			518000(2590.00 MHz) 519000(2595.00 MHz) 520000(2600.00 MHz)	40 MHz	QPSK	1 RB
Frequency Stability	-	-	518000(2590.00 MHz) 520000(2600.00 MHz)	40 MHz	QPSK	Full RB

3.3.12NR n40 SCS 30 kHz

Test Item	Power Class	Tx/Rx Condition	Tested Channel	Channel Bandwidth	Modulation	Mode
Equivalent Isotropically Radiated Power	PC3	1Tx (Ant. 3)	471000(2355.00 MHz)	10 MHz	BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
Modulation Characteristics	PC3	1Tx (Ant. 3)	471000(2355.00 MHz)	10 MHz	BPSK / QPSK / 16QAM / 64QAM / 256QAM	Full RB
Peak to Average Ratio	PC3	1Tx (Ant. 3)	471000(2355.00 MHz)	10 MHz	BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB
Bandwidth	PC3	1Tx (Ant. 3)	471000(2355.00 MHz)	10 MHz	BPSK / QPSK / 16QAM / 64QAM / 256QAM	Full RB
Conducted Spurious Emissions	PC3	1Tx (Ant. 3)	471000(2355.00 MHz)	10 MHz	QPSK	1 RB
Radiated Spurious Emissions below 1GHz	PC3	1Tx (Ant. 3)	471000(2355.00 MHz)	10 MHz	QPSK	1 RB
Radiated Spurious Emissions above 1GHz	PC3	1Tx (Ant. 3)	471000(2355.00 MHz)	10 MHz	QPSK	Full RB
Frequency Stability	-	-	471000(2355.00 MHz)	10 MHz	QPSK	Full RB

3.3.13NR n41 SCS 30 kHz

Test Item	Power Class	Tx/Rx Condition	Tested Channel	Channel Bandwidth	Modulation	Mode
Equivalent Isotropically Radiated Power	PC2, PC1.5	1Tx (Ant. 3), 2Tx (Ant. 0 + 3)	500202(2501.01 MHz) 518598(2592.99 MHz) 537000(2685.00 MHz)	10 MHz	BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
			500700(2503.50 MHz) 518598(2592.99 MHz) 536496(2682.48 MHz)	15 MHz	BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
			501204(2506.02 MHz) 518598(2592.99 MHz) 535998(2679.99 MHz)	20 MHz	BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
			501702(2508.51 MHz) 518598(2592.99 MHz) 535500(2677.50 MHz)	25 MHz	BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
			502200(2511.00 MHz) 518598(2592.99 MHz) 534996(2674.98 MHz)	30 MHz	BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
			502700(2513.50 MHz) 518598(2592.99 MHz) 534500(2672.50 MHz)	35 MHz	BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
			503202(2516.01 MHz) 518598(2592.99 MHz) 534000(2670.00 MHz)	40 MHz	BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
			503702(2518.50 MHz) 518598(2592.99 MHz) 533500(2667.50 MHz)	45 MHz	BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
			504204(2521.02 MHz) 518598(2592.99 MHz) 532998(2664.99 MHz)	50 MHz	BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
			505200(2526.00 MHz) 518598(2592.99 MHz) 531996(2659.98 MHz)	60 MHz	BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
			506202(2531.01 MHz) 518598(2592.99 MHz) 531000(2655.00 MHz)	70 MHz	BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
			507204(2536.02 MHz) 518598(2592.99 MHz) 529998(2649.99 MHz)	80 MHz	BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
			508200(2541.00 MHz) 518598(2592.99 MHz) 528996(2644.98 MHz)	90 MHz	BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
			509202(2546.01 MHz) 518598(2592.99 MHz) 528000(2640.00 MHz)	100 MHz	BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
Modulation Characteristics	PC2	1Tx (Ant. 3)	518598(2592.99 MHz)	100 MHz	BPSK / QPSK / 16QAM / 64QAM / 256QAM	Full RB

Test Item	Power Class	Tx/Rx Condition	Tested Channel	Channel Bandwidth	Modulation	Mode
Peak to Average Ratio	PC1.5	2Tx (Ant. 0 + 3)	500202(2501.01 MHz) 518598(2592.99 MHz) 537000(2685.00 MHz)	10 MHz	BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB
			500700(2503.50 MHz) 518598(2592.99 MHz) 536496(2682.48 MHz)	15 MHz	BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB
			501204(2506.02 MHz) 518598(2592.99 MHz) 535998(2679.99 MHz)	20 MHz	BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB
			501702(2508.51 MHz) 518598(2592.99 MHz) 535500(2677.50 MHz)	25 MHz	BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB
			502200(2511.00 MHz) 518598(2592.99 MHz) 534996(2674.98 MHz)	30 MHz	BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB
			502700(2513.50 MHz) 518598(2592.99 MHz) 534500(2672.50 MHz)	35 MHz	BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB
			503202(2516.01 MHz) 518598(2592.99 MHz) 534000(2670.00 MHz)	40 MHz	BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB
			503702(2518.50 MHz) 518598(2592.99 MHz) 533500(2667.50 MHz)	45 MHz	BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB
			504204(2521.02 MHz) 518598(2592.99 MHz) 532998(2664.99 MHz)	50 MHz	BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB
			505200(2526.00 MHz) 518598(2592.99 MHz) 531996(2659.98 MHz)	60 MHz	BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB
			506202(2531.01 MHz) 518598(2592.99 MHz) 531000(2655.00 MHz)	70 MHz	BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB
			507204(2536.02 MHz) 518598(2592.99 MHz) 529998(2649.99 MHz)	80 MHz	BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB
			508200(2541.00 MHz) 518598(2592.99 MHz) 528996(2644.98 MHz)	90 MHz	BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB
			509202(2546.01 MHz) 518598(2592.99 MHz) 528000(2640.00 MHz)	100 MHz	BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB

Test Item	Power Class	Tx/Rx Condition	Tested Channel	Channel Bandwidth	Modulation	Mode
Bandwidth	PC1.5	2Tx (Ant. 0 + 3)	500202(2501.01 MHz) 518598(2592.99 MHz) 537000(2685.00 MHz)	10 MHz	BPSK / QPSK / 16QAM / 64QAM / 256QAM	Full RB
			500700(2503.50 MHz) 518598(2592.99 MHz) 536496(2682.48 MHz)	15 MHz	BPSK / QPSK / 16QAM / 64QAM / 256QAM	Full RB
			501204(2506.02 MHz) 518598(2592.99 MHz) 535998(2679.99 MHz)	20 MHz	BPSK / QPSK / 16QAM / 64QAM / 256QAM	Full RB
			502200(2511.00 MHz) 518598(2592.99 MHz) 534996(2674.98 MHz)	30 MHz	BPSK / QPSK / 16QAM / 64QAM / 256QAM	Full RB
			502700(2513.50 MHz) 518598(2592.99 MHz) 534500(2672.50 MHz)	35 MHz	BPSK / QPSK / 16QAM / 64QAM / 256QAM	Full RB
			503202(2516.01 MHz) 518598(2592.99 MHz) 534000(2670.00 MHz)	40 MHz	BPSK / QPSK / 16QAM / 64QAM / 256QAM	Full RB
			503702(2518.50 MHz) 518598(2592.99 MHz) 533500(2667.50 MHz)	45 MHz	BPSK / QPSK / 16QAM / 64QAM / 256QAM	Full RB
			504204(2521.02 MHz) 518598(2592.99 MHz) 532998(2664.99 MHz)	50 MHz	BPSK / QPSK / 16QAM / 64QAM / 256QAM	Full RB
			505200(2526.00 MHz) 518598(2592.99 MHz) 531996(2659.98 MHz)	60 MHz	BPSK / QPSK / 16QAM / 64QAM / 256QAM	Full RB
			506202(2531.01 MHz) 518598(2592.99 MHz) 531000(2655.00 MHz)	70 MHz	BPSK / QPSK / 16QAM / 64QAM / 256QAM	Full RB
			507204(2536.02 MHz) 518598(2592.99 MHz) 529998(2649.99 MHz)	80 MHz	BPSK / QPSK / 16QAM / 64QAM / 256QAM	Full RB
			508200(2541.00 MHz) 518598(2592.99 MHz) 528996(2644.98 MHz)	90 MHz	BPSK / QPSK / 16QAM / 64QAM / 256QAM	Full RB
			509202(2546.01 MHz) 518598(2592.99 MHz) 528000(2640.00 MHz)	100 MHz	BPSK / QPSK / 16QAM / 64QAM / 256QAM	Full RB

Test Item	Power Class	Tx/Rx Condition	Tested Channel	Channel Bandwidth	Modulation	Mode
Conducted Spurious Emissions	PC1.5	2Tx (Ant. 0 + 3)	500202(2501.01 MHz) 518598(2592.99 MHz) 537000(2685.00 MHz)	10 MHz	QPSK	1 RB Full RB
			500700(2503.50 MHz) 518598(2592.99 MHz) 536496(2682.48 MHz)	15 MHz	QPSK	1 RB Full RB
			501204(2506.02 MHz) 518598(2592.99 MHz) 535998(2679.99 MHz)	20 MHz	QPSK	1 RB Full RB
			501702(2508.51 MHz) 518598(2592.99 MHz) 535500(2677.50 MHz)	25 MHz	QPSK	1 RB Full RB
			502200(2511.00 MHz) 518598(2592.99 MHz) 534996(2674.98 MHz)	30 MHz	QPSK	1 RB Full RB
			502700(2513.50 MHz) 518598(2592.99 MHz) 534500(2672.50 MHz)	35 MHz	QPSK	1 RB Full RB
			503202(2516.01 MHz) 518598(2592.99 MHz) 534000(2670.00 MHz)	40 MHz	QPSK	1 RB Full RB
			503702(2518.50 MHz) 518598(2592.99 MHz) 533500(2667.50 MHz)	45 MHz	QPSK	1 RB Full RB
			504204(2521.02 MHz) 518598(2592.99 MHz) 532998(2664.99 MHz)	50 MHz	QPSK	1 RB Full RB
			505200(2526.00 MHz) 518598(2592.99 MHz) 531996(2659.98 MHz)	60 MHz	QPSK	1 RB Full RB
			506202(2531.01 MHz) 518598(2592.99 MHz) 531000(2655.00 MHz)	70 MHz	QPSK	1 RB Full RB
			507204(2536.02 MHz) 518598(2592.99 MHz) 529998(2649.99 MHz)	80 MHz	QPSK	1 RB Full RB
			508200(2541.00 MHz) 518598(2592.99 MHz) 528996(2644.98 MHz)	90 MHz	QPSK	1 RB Full RB
			509202(2546.01 MHz) 518598(2592.99 MHz) 528000(2640.00 MHz)	100 MHz	QPSK	1 RB Full RB
Radiated Spurious Emissions below 1GHz	PC1.5	2Tx (Ant. 0 + 3)	518598(2592.99 MHz)	100 MHz	QPSK	1 RB

Test Item	Power Class	Tx/Rx Condition	Tested Channel	Channel Bandwidth	Modulation	Mode
Radiated Spurious Emissions above 1GHz	PC1.5	2Tx (Ant. 0 + 3)	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
Frequency Stability	-	-	509202(2546.01 MHz) 528000(2640.00 MHz)	100 MHz	QPSK	Full RB

3.3.14NR n66 SCS 15 kHz

Test Item	Power Class	Tx/Rx Condition	Tested Channel	Channel Bandwidth	Modulation	Mode
Equivalent Isotropically Radiated Power	PC3, PC2	1TX (Ant. 0), 2Tx (Ant. 0 + 3)	342500(1712.50 MHz) 349000(1745.00 MHz) 355500(1777.50 MHz)	5 MHz	BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
			343000(1715.00 MHz) 349000(1745.00 MHz) 355000(1775.00 MHz)	10 MHz	BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
			343500(1717.50 MHz) 349000(1745.00 MHz) 354500(1772.50 MHz)	15 MHz	BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
			344000(1720.00 MHz) 349000(1745.00 MHz) 354000(1770.00 MHz)	20 MHz	BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
			344500(1722.50 MHz) 349000(1745.00 MHz) 353500(1767.50 MHz)	25 MHz	BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
			345000(1725.00 MHz) 349000(1745.00 MHz) 353000(1765.00 MHz)	30 MHz	BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
			345500(1727.50 MHz) 349000(1745.00 MHz) 352500(1765.50 MHz)	35 MHz	BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
			346000(1730.00 MHz) 349000(1745.00 MHz) 352000(1760.00 MHz)	40 MHz	BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
			346500(1732.50 MHz) 349000(1745.00 MHz) 352500(1757.50 MHz)	45 MHz	BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
Radiated Spurious Emissions below 1GHz	PC2	2Tx (Ant. 0 + 3)	342500(1712.50 MHz)	5 MHz	QPSK	1 RB
Radiated Spurious Emissions above 1GHz	PC2	2Tx (Ant. 0 + 3)	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
			346500(1732.50 MHz) 349000(1745.00 MHz) 351500(1757.50 MHz)	45 MHz	QPSK	1 RB

3.3.15NR n70 SCS 15 kHz

Test Item	Power Class	Tx/Rx Condition	Tested Channel	Channel Bandwidth	Modulation	Mode
Effective Radiated Power	PC3	1Tx (Ant. 0)	339500(1697.50 MHz) 340500(1702.50 MHz) 341500(1707.50 MHz)	5 MHz	BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
			340000(1700.00 MHz) 340500(1702.50 MHz) 341000(1705.00 MHz)	10 MHz	BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
			340500(1702.50 MHz)	15 MHz	BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
Radiated Spurious Emissions below 1GHz	PC3	1Tx (Ant. 0)	340500(1702.50 MHz)	15 MHz	QPSK	1 RB
Radiated Spurious Emissions above 1GHz	PC3	1Tx (Ant. 0)	339500(1697.50 MHz) 340500(1702.50 MHz) 341500(1707.50 MHz)	5 MHz	QPSK	1 RB
			340500(1702.50 MHz)	15 MHz	QPSK	1 RB

3.3.16NR n71 SCS 15 kHz

Test Item	Power Class	Tx/Rx Condition	Tested Channel	Channel Bandwidth	Modulation	Mode
Effective Radiated Power	PC3	1Tx (Ant. 0)	133100(665.50 MHz) 136100(680.50 MHz) 139100(695.50 MHz)	5 MHz	BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
			133600(668.00 MHz) 136100(680.50 MHz) 138600(693.00 MHz)	10 MHz	BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
			134100(670.50 MHz) 136100(680.50 MHz) 138100(690.50 MHz)	15 MHz	BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
			134600(673.00 MHz) 136100(680.50 MHz) 137600(688.00 MHz)	20 MHz	BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
			135100(675.50 MHz) 136100(680.50 MHz) 137100(685.50 MHz)	25 MHz	BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
			135600(678.00 MHz) 136100(680.50 MHz) 136600(683.00 MHz)	30 MHz	BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
			136100(680.50 MHz)	35 MHz	BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
Radiated Spurious Emissions below 1GHz	PC3	1Tx (Ant. 0)	136100(680.50 MHz)	35 MHz	QPSK	1 RB
Radiated Spurious Emissions above 1GHz	PC3	1Tx (Ant. 0)	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
			136100(680.50 MHz)	35 MHz	QPSK	1 RB

3.3.17NR n77 SCS 30 kHz (3.45 GHz ~ 3.55 GHz)

Test Item	Power Class	Tx/Rx Condition	Tested Channel	Channel Bandwidth	Modulation	Mode
Effective Radiated Power	PC2, PC1.5	1Tx (Ant. 0), 2Tx (Ant. 0 + 3)	630334(3455.01 MHz) 633334(3500.01 MHz) 636332(3544.98 MHz)	10 MHz	BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
			630500(3457.50 MHz) 633334(3500.01 MHz) 636166(3542.49 MHz)	15 MHz	BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
			630668(3460.02 MHz) 633334(3500.01 MHz) 636000(3540.00 MHz)	20 MHz	BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
			630834(3462.51 MHz) 633334(3500.01 MHz) 635832(3537.48 MHz)	25 MHz	BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
			631000(3465.00 MHz) 633334(3500.01 MHz) 635666(3534.99 MHz)	30 MHz	BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
			631334(3470.01 MHz) 633334(3500.01 MHz) 635332(3529.98 MHz)	40 MHz	BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
			631668(3475.02 MHz) 633334(3500.01 MHz) 635000(3525.00 MHz)	50 MHz	BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
			632000(3480.00 MHz) 633334(3500.01 MHz) 634666(3519.99 MHz)	60 MHz	BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
			632334(3485.01 MHz) 633334(3500.01 MHz) 634332(3514.98 MHz)	70 MHz	BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
			632668(3490.02 MHz) 633334(3500.01 MHz) 634000(3510.00 MHz)	80 MHz	BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
			633000(3495.00 MHz) 633334(3500.01 MHz) 633666(3504.99 MHz)	90 MHz	BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
			633334(3500.01 MHz)	100 MHz	BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
Modulation Characteristics	PC2	1Tx (Ant. 0)	633334(3500.01 MHz)	100 MHz	BPSK / QPSK / 16QAM / 64QAM / 256QAM	Full RB

Test Item	Power Class	Tx/Rx Condition	Tested Channel	Channel Bandwidth	Modulation	Mode
Peak to Average Ratio	PC1.5	2Tx (Ant. 0 + 3)	630334(3455.01 MHz) 633334(3500.01 MHz) 636332(3544.98 MHz)	10 MHz	BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB
			630500(3457.50 MHz) 633334(3500.01 MHz) 636166(3542.49 MHz)	15 MHz	BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB
			630668(3460.02 MHz) 633334(3500.01 MHz) 636000(3540.00 MHz)	20 MHz	BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB
			630834(3462.51 MHz) 633334(3500.01 MHz) 635832(3537.48 MHz)	25 MHz	BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB
			631000(3465.00 MHz) 633334(3500.01 MHz) 635666(3534.99 MHz)	30 MHz	BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB
			631334(3470.01 MHz) 633334(3500.01 MHz) 635332(3529.98 MHz)	40 MHz	BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB
			631668(3475.02 MHz) 633334(3500.01 MHz) 635000(3525.00 MHz)	50 MHz	BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB
			632000(3480.00 MHz) 633334(3500.01 MHz) 634666(3519.99 MHz)	60 MHz	BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB
			632334(3485.01 MHz) 633334(3500.01 MHz) 634332(3514.98 MHz)	70 MHz	BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB
			632668(3490.02 MHz) 633334(3500.01 MHz) 634000(3510.00 MHz)	80 MHz	BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB
			633000(3495.00 MHz) 633334(3500.01 MHz) 633666(3504.99 MHz)	90 MHz	BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB
			633334(3500.01 MHz)	100 MHz	BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB

Test Item	Power Class	Tx/Rx Condition	Tested Channel	Channel Bandwidth	Modulation	Mode
Bandwidth	PC1.5	2Tx (Ant. 0 + 3)	630334(3455.01 MHz) 633334(3500.01 MHz) 636332(3544.98 MHz)	10 MHz	BPSK / QPSK / 16QAM / 64QAM / 256QAM	Full RB
			630500(3457.50 MHz) 633334(3500.01 MHz) 636166(3542.49 MHz)	15 MHz	BPSK / QPSK / 16QAM / 64QAM / 256QAM	Full RB
			630668(3460.02 MHz) 633334(3500.01 MHz) 636000(3540.00 MHz)	20 MHz	BPSK / QPSK / 16QAM / 64QAM / 256QAM	Full RB
			630834(3462.51 MHz) 633334(3500.01 MHz) 635832(3537.48 MHz)	25 MHz	BPSK / QPSK / 16QAM / 64QAM / 256QAM	Full RB
			631000(3465.00 MHz) 633334(3500.01 MHz) 635666(3534.99 MHz)	30 MHz	BPSK / QPSK / 16QAM / 64QAM / 256QAM	Full RB
			631334(3470.01 MHz) 633334(3500.01 MHz) 635332(3529.98 MHz)	40 MHz	BPSK / QPSK / 16QAM / 64QAM / 256QAM	Full RB
			631668(3475.02 MHz) 633334(3500.01 MHz) 635000(3525.00 MHz)	50 MHz	BPSK / QPSK / 16QAM / 64QAM / 256QAM	Full RB
			632000(3480.00 MHz) 633334(3500.01 MHz) 634666(3519.99 MHz)	60 MHz	BPSK / QPSK / 16QAM / 64QAM / 256QAM	Full RB
			632334(3485.01 MHz) 633334(3500.01 MHz) 634332(3514.98 MHz)	70 MHz	BPSK / QPSK / 16QAM / 64QAM / 256QAM	Full RB
			632668(3490.02 MHz) 633334(3500.01 MHz) 634000(3510.00 MHz)	80 MHz	BPSK / QPSK / 16QAM / 64QAM / 256QAM	Full RB
			633000(3495.00 MHz) 633334(3500.01 MHz) 633666(3504.99 MHz)	90 MHz	BPSK / QPSK / 16QAM / 64QAM / 256QAM	Full RB
			633334(3500.01 MHz)	100 MHz	BPSK / QPSK / 16QAM / 64QAM / 256QAM	Full RB

Test Item	Power Class	Tx/Rx Condition	Tested Channel	Channel Bandwidth	Modulation	Mode
Conducted Spurious Emissions	PC1.5	2Tx (Ant. 0 + 3)	630334(3455.01 MHz) 633334(3500.01 MHz) 636332(3544.98 MHz)	10 MHz	QPSK	1 RB Full RB
			630500(3457.50 MHz) 633334(3500.01 MHz) 636166(3542.49 MHz)	15 MHz	QPSK	1 RB Full RB
			630668(3460.02 MHz) 633334(3500.01 MHz) 636000(3540.00 MHz)	20 MHz	QPSK	1 RB Full RB
			630834(3462.51 MHz) 633334(3500.01 MHz) 635832(3537.48 MHz)	25 MHz	QPSK	1 RB Full RB
			631000(3465.00 MHz) 633334(3500.01 MHz) 635666(3534.99 MHz)	30 MHz	QPSK	1 RB Full RB
			631334(3470.01 MHz) 633334(3500.01 MHz) 635332(3529.98 MHz)	40 MHz	QPSK	1 RB Full RB
			631668(3475.02 MHz) 633334(3500.01 MHz) 635000(3525.00 MHz)	50 MHz	QPSK	1 RB Full RB
			632000(3480.00 MHz) 633334(3500.01 MHz) 634666(3519.99 MHz)	60 MHz	QPSK	1 RB Full RB
			632334(3485.01 MHz) 633334(3500.01 MHz) 634332(3514.98 MHz)	70 MHz	QPSK	1 RB Full RB
			632668(3490.02 MHz) 633334(3500.01 MHz) 634000(3510.00 MHz)	80 MHz	QPSK	1 RB Full RB
			633000(3495.00 MHz) 633334(3500.01 MHz) 633666(3504.99 MHz)	90 MHz	QPSK	1 RB Full RB
			633334(3500.01 MHz)	100 MHz	QPSK	1 RB Full RB
Radiated Spurious Emissions below 1GHz	PC1.5	2Tx (Ant. 0 + 3)	636332(3544.98 MHz)	10 MHz	QPSK	1 RB
Radiated Spurious Emissions above 1GHz	PC1.5	2Tx (Ant. 0 + 3)	630334(3455.01 MHz) 633334(3500.01 MHz) 636332(3544.98 MHz)	10 MHz	QPSK	1 RB
			631668(3475.02 MHz) 633334(3500.01 MHz) 635000(3525.00 MHz)	50 MHz	QPSK	1 RB
			633334(3500.01 MHz)	100 MHz	QPSK	1 RB
Frequency Stability	-	-	633334(3500.01 MHz)	100 MHz	QPSK	Full RB

3.3.18NR n77 SCS 30 kHz (3.7 GHz ~ 3.98 GHz)

Test Item	Power Class	Tx/Rx Condition	Tested Channel	Channel Bandwidth	Modulation	Mode
Effective Radiated Power	PC2, PC1.5	1Tx (Ant. 0), 2Tx (Ant. 0 + 3)	647000(3705.00 MHz) 656000(3840.00 MHz) 665000(3975.00 MHz)	10 MHz	BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
			647168(3707.52 MHz) 656000(3840.00 MHz) 664832(3972.48 MHz)	15 MHz	BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
			647334(3710.01 MHz) 656000(3840.00 MHz) 664666(3969.99 MHz)	20 MHz	BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
			647500(3712.50 MHz) 656000(3840.00 MHz) 664500(3967.50 MHz)	25 MHz	BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
			647668(3715.02 MHz) 656000(3840.00 MHz) 664332(3964.98 MHz)	30 MHz	BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
			648000(3720.00 MHz) 656000(3840.00 MHz) 664000(3960.00 MHz)	40 MHz	BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
			648334(3725.01 MHz) 656000(3840.00 MHz) 663666(3954.99 MHz)	50 MHz	BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
			648668(3730.02 MHz) 656000(3840.00 MHz) 663332(3949.98 MHz)	60 MHz	BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
			649000(3735.00 MHz) 656000(3840.00 MHz) 663000(3945.00 MHz)	70 MHz	BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
			649334(3740.01 MHz) 656000(3840.00 MHz) 662666(3939.99 MHz)	80 MHz	BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
			649668(3745.02 MHz) 656000(3840.00 MHz) 662332(3934.98 MHz)	90 MHz	BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
			650000(3750.00 MHz) 656000(3840.00 MHz) 662000(3930.00 MHz)	100 MHz	BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
Modulation Characteristics	PC1.5	1Tx (Ant. 0)	656000(3840.00 MHz)	100 MHz	BPSK / QPSK / 16QAM / 64QAM / 256QAM	Full RB

Test Item	Power Class	Tx/Rx Condition	Tested Channel	Channel Bandwidth	Modulation	Mode
Peak to Average Ratio	PC1.5	2Tx (Ant. 0 + 3)	647000(3705.00 MHz) 656000(3840.00 MHz) 665000(3975.00 MHz)	10 MHz	BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB
			647168(3707.52 MHz) 656000(3840.00 MHz) 664832(3972.48 MHz)	15 MHz	BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB
			647334(3710.01 MHz) 656000(3840.00 MHz) 664666(3969.99 MHz)	20 MHz	BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB
			647500(3712.50 MHz) 656000(3840.00 MHz) 664500(3967.50 MHz)	25 MHz	BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB
			647668(3715.02 MHz) 656000(3840.00 MHz) 664332(3964.98 MHz)	30 MHz	BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB
			648000(3720.00 MHz) 656000(3840.00 MHz) 664000(3960.00 MHz)	40 MHz	BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB
			648334(3725.01 MHz) 656000(3840.00 MHz) 663666(3954.99 MHz)	50 MHz	BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB
			648668(3730.02 MHz) 656000(3840.00 MHz) 663332(3949.98 MHz)	60 MHz	BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB
			649000(3735.00 MHz) 656000(3840.00 MHz) 663000(3945.00 MHz)	70 MHz	BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB
			649334(3740.01 MHz) 656000(3840.00 MHz) 662666(3939.99 MHz)	80 MHz	BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB
			649668(3745.02 MHz) 656000(3840.00 MHz) 662332(3934.98 MHz)	90 MHz	BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB
			650000(3750.00 MHz) 656000(3840.00 MHz) 662000(3930.00 MHz)	100 MHz	BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB

Test Item	Power Class	Tx/Rx Condition	Tested Channel	Channel Bandwidth	Modulation	Mode
Bandwidth	PC1.5	2Tx (Ant. 0 + 3)	647000(3705.00 MHz) 656000(3840.00 MHz) 665000(3975.00 MHz)	10 MHz	BPSK / QPSK / 16QAM / 64QAM / 256QAM	Full RB
			647168(3707.52 MHz) 656000(3840.00 MHz) 664832(3972.48 MHz)	15 MHz	BPSK / QPSK / 16QAM / 64QAM / 256QAM	Full RB
			647334(3710.01 MHz) 656000(3840.00 MHz) 664666(3969.99 MHz)	20 MHz	BPSK / QPSK / 16QAM / 64QAM / 256QAM	Full RB
			647500(3712.50 MHz) 656000(3840.00 MHz) 664500(3967.50 MHz)	25 MHz	BPSK / QPSK / 16QAM / 64QAM / 256QAM	Full RB
			647668(3715.02 MHz) 656000(3840.00 MHz) 664332(3964.98 MHz)	30 MHz	BPSK / QPSK / 16QAM / 64QAM / 256QAM	Full RB
			648000(3720.00 MHz) 656000(3840.00 MHz) 664000(3960.00 MHz)	40 MHz	BPSK / QPSK / 16QAM / 64QAM / 256QAM	Full RB
			648334(3725.01 MHz) 656000(3840.00 MHz) 663666(3954.99 MHz)	50 MHz	BPSK / QPSK / 16QAM / 64QAM / 256QAM	Full RB
			648668(3730.02 MHz) 656000(3840.00 MHz) 663332(3949.98 MHz)	60 MHz	BPSK / QPSK / 16QAM / 64QAM / 256QAM	Full RB
			649000(3735.00 MHz) 656000(3840.00 MHz) 663000(3945.00 MHz)	70 MHz	BPSK / QPSK / 16QAM / 64QAM / 256QAM	Full RB
			649334(3740.01 MHz) 656000(3840.00 MHz) 662666(3939.99 MHz)	80 MHz	BPSK / QPSK / 16QAM / 64QAM / 256QAM	Full RB
			649668(3745.02 MHz) 656000(3840.00 MHz) 662332(3934.98 MHz)	90 MHz	BPSK / QPSK / 16QAM / 64QAM / 256QAM	Full RB
			650000(3750.00 MHz) 656000(3840.00 MHz) 662000(3930.00 MHz)	100 MHz	BPSK / QPSK / 16QAM / 64QAM / 256QAM	Full RB

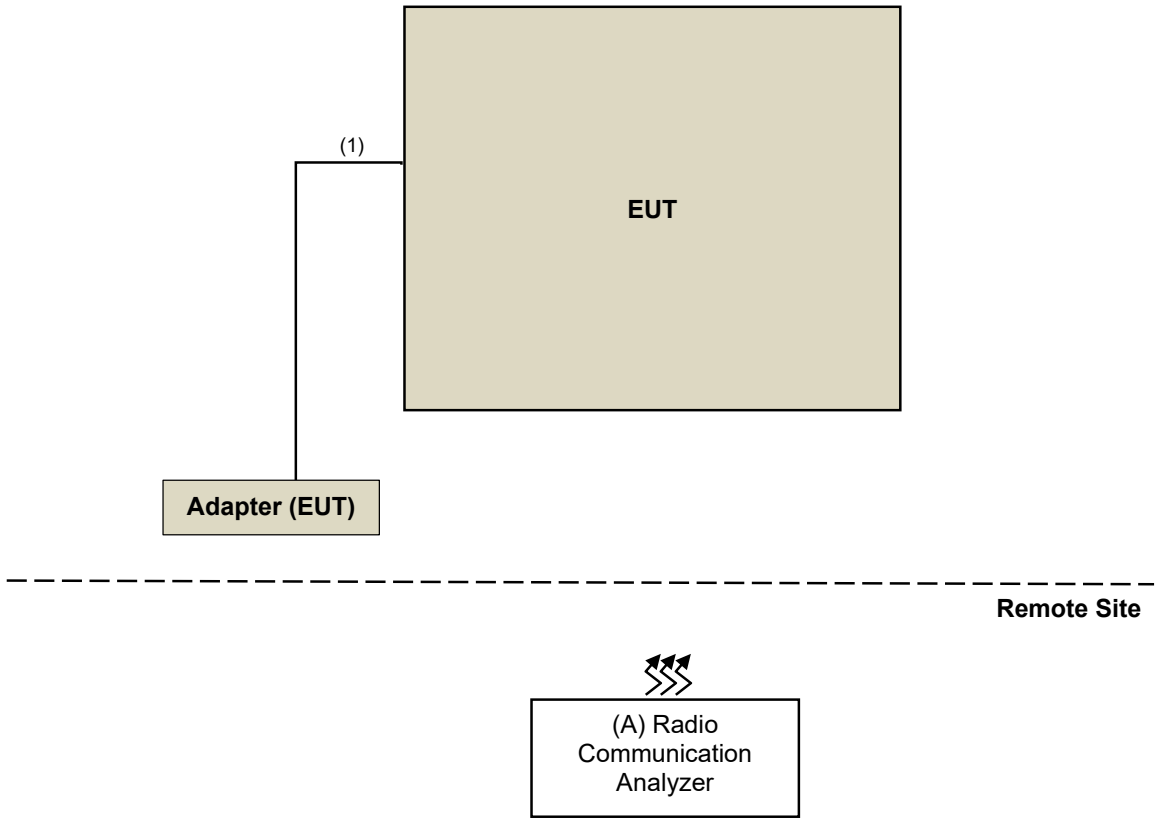
Test Item	Power Class	Tx/Rx Condition	Tested Channel	Channel Bandwidth	Modulation	Mode
Conducted Spurious Emissions	PC1.5	2Tx (Ant. 0 + 3)	647000(3705.00 MHz) 656000(3840.00 MHz) 665000(3975.00 MHz)	10 MHz	QPSK	1 RB Full RB
			647168(3707.52 MHz) 656000(3840.00 MHz) 664832(3972.48 MHz)	15 MHz	QPSK	1 RB Full RB
			647334(3710.01 MHz) 656000(3840.00 MHz) 664666(3969.99 MHz)	20 MHz	QPSK	1 RB Full RB
			647500(3712.50 MHz) 656000(3840.00 MHz) 664500(3967.50 MHz)	25 MHz	QPSK	1 RB Full RB
			647668(3715.02 MHz) 656000(3840.00 MHz) 664332(3964.98 MHz)	30 MHz	QPSK	1 RB Full RB
			648000(3720.00 MHz) 656000(3840.00 MHz) 664000(3960.00 MHz)	40 MHz	QPSK	1 RB Full RB
			648334(3725.01 MHz) 656000(3840.00 MHz) 663666(3954.99 MHz)	50 MHz	QPSK	1 RB Full RB
			648668(3730.02 MHz) 656000(3840.00 MHz) 663332(3949.98 MHz)	60 MHz	QPSK	1 RB Full RB
			649000(3735.00 MHz) 656000(3840.00 MHz) 663000(3945.00 MHz)	70 MHz	QPSK	1 RB Full RB
			649334(3740.01 MHz) 656000(3840.00 MHz) 662666(3939.99 MHz)	80 MHz	QPSK	1 RB Full RB
			649668(3745.02 MHz) 656000(3840.00 MHz) 662332(3934.98 MHz)	90 MHz	QPSK	1 RB Full RB
			650000(3750.00 MHz) 656000(3840.00 MHz) 662000(3930.00 MHz)	100 MHz	QPSK	1 RB Full RB

Test Item	Power Class	Tx/Rx Condition	Tested Channel	Channel Bandwidth	Modulation	Mode
Radiated Spurious Emissions below 1GHz	PC1.5	2Tx (Ant. 0 + 3)	650000(3750.00 MHz)	100 MHz	QPSK	1 RB
Radiated Spurious Emissions above 1GHz	PC1.5	2Tx (Ant. 0 + 3)	647000(3705.00 MHz) 656000(3840.00 MHz) 665000(3975.00 MHz)	10 MHz	QPSK	1 RB
			648334(3725.01 MHz) 656000(3840.00 MHz) 663666(3954.99 MHz)	50 MHz	QPSK	1 RB
			650000(3750.00 MHz) 656000(3840.00 MHz) 662000(3930.00 MHz)	100 MHz	QPSK	1 RB
Frequency Stability	-	-	650000(3750.00 MHz) 662000(3930.00 MHz)	100 MHz	QPSK	Full 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	Radio Communication Test Station	Anritsu	E7515B	MY58300759	N/A	Provided by Lab

ID	Cable Descriptions	Qty.	Length (m)	Shielding (Yes/No)	Cores (Qty.)	Remarks
1	Type C Cable	1	0.95	No	0	Supplied by applicant

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

Conducted Power Measurement:

Description Manufacturer	Model No.	Serial No.	Calibrated Date	Calibrated Until
Fixed Attenuator Woken	00800A1K01A-10	00800A1K01A-10-01	2026/5/21	2027/5/20
PXA Signal Analyzer Keysight	N9030B	MY57140953	2025/7/31 2026/8/3	2026/7/30 2027/8/2
Radio Communication Analyzer Anritsu	MT8821C	6201462755	2026/6/9	2027/6/8
Software BV	ADT_RF Test Software V7.6.5.4	N/A	N/A	N/A
UXM 5G Wireless Test Platform Keysight	E7515B	MY58300759	2025/8/27	2026/8/26

Notes:

1. The test was performed in HY - Oven room(Hwaya).
2. Tested Date: 2026/5/30 ~ 2026/7/17, 2026/8/17 ~ 2026/8/18

Radiated Power EIRP / ERP Measurement:

Description Manufacturer	Model No.	Serial No.	Calibrated Date	Calibrated Until
Antenna Tower Max-Full	MFA-515BSN	N/A	N/A	N/A
Horn Antenna RFSPIN	DRH18-E	210104A18E	2025/11/9	2026/11/8
Horn Antenna Schwarzbeck	BBHA 9170	9170-1049	2025/11/9	2026/11/8
MXE EMI Receiver Keysight	N9038B	MY60180019	2026/1/14	2027/1/13
Preamplifier Agilent	83017A	MY39501357	2026/6/10	2027/6/9
Preamplifier EMCI	EMC184045SE	980788	2026/1/13	2027/1/12
RF Coaxial Cable EMCI	EMC101G-KM-KM-2000	201254	2026/1/13	2027/1/12
		201255	2026/1/13	2027/1/12
	EMC101G-KM-KM-5000	201261	2026/1/13	2027/1/12
	EMC104-SM-SM-1000	210103	2026/1/13	2027/1/12
	EMC104-SM-SM-3000	201241	2026/1/13	2027/1/12
	EMC104-SM-SM-9000	201244	2026/1/13	2027/1/12
Signal & Spectrum Analyzer R&S	FSV3044	101504	2026/6/29	2027/6/28
Software BV ADT	ADT_Radiated_ V7.7.1.1.1	N/A	N/A	N/A
Turn Table Max-Full	MFT-201SS	N/A	N/A	N/A
Turn Table Controller Max-Full	MF-7802BS	MF780208676	N/A	N/A

Notes:

1. The test was performed in WM - 966 chamber 9(Wenming).
2. Tested Date: 2026/7/17 ~ 2026/7/18, 2026/8/18

4.2 Modulation Characteristics

Description Manufacturer	Model No.	Serial No.	Calibrated Date	Calibrated Until
Fixed Attenuator Woken	00800A1K01A-10	00800A1K01A-10-01	2026/5/21	2027/5/20
PXA Signal Analyzer Keysight	N9030B	MY57140953	2025/7/31 2026/8/3	2026/7/30 2027/8/2
Radio Communication Analyzer Anritsu	MT8821C	6201462755	2026/6/9	2027/6/8
		6261806803	2026/2/12	2027/2/11
Software BV	ADT_RF Test Software V7.6.5.4	N/A	N/A	N/A

Notes:

1. The test was performed in HY - Oven room(Hwaya).
2. Tested Date: 2026/6/1 ~ 2026/7/17, 2026/8/18

4.3 Peak to Average Ratio

Description Manufacturer	Model No.	Serial No.	Calibrated Date	Calibrated Until
Fixed Attenuator Woken	00800A1K01A-10	00800A1K01A-10-01	2026/5/21	2027/5/20
PXA Signal Analyzer Keysight	N9030B	MY57140953	2025/7/31 2026/8/3	2026/7/30 2027/8/2
Software BV	ADT_RF Test Software V7.6.5.4	N/A	N/A	N/A
UXM 5G Wireless Test Platform Keysight	E7515B	MY58300759	2025/8/27	2026/8/26

Notes:

1. The test was performed in HY - Oven room(Hwaya).
2. Tested Date: 2026/6/1 ~ 2026/7/17, 2026/8/18

4.4 Bandwidth

Refer to section 4.3 to get the tested date and information of the instruments.

4.5 Conducted Spurious Emissions

Description Manufacturer	Model No.	Serial No.	Calibrated Date	Calibrated Until
Fixed Attenuator Woken	00800A1K01A-10	00800A1K01A-10-01	2026/5/21	2027/5/20
PXA Signal Analyzer Keysight	N9030B	MY57140953	2025/7/31 2026/8/3	2026/7/30 2027/8/2
Radio Communication Analyzer Anritsu	MT8821C	6261806803	2026/2/12	2027/2/11
Software BV	ADT_RF Test Software V7.6.5.4	N/A	N/A	N/A
UXM 5G Wireless Test Platform Keysight	E7515B	MY58300759	2025/8/27	2026/8/26

Notes:

1. The test was performed in HY - Oven room(Hwaya).
2. Tested Date: 2026/6/1 ~ 2026/7/17, 2026/8/18

4.6 Radiated Spurious Emissions below 1GHz

Description Manufacturer	Model No.	Serial No.	Calibrated Date	Calibrated Until
Antenna Tower Max-Full	MFA-515BSN	N/A	N/A	N/A
Bi_Log Antenna Schwarzbeck	VULB 9168	9168-1214	2025/9/18	2026/9/17
Loop Antenna TESEQ	HLA 6121	45745	2025/9/1	2026/8/31
MXE EMI Receiver Keysight	N9038B	MY60180019	2026/1/14	2027/1/13
Preamplifier EMCI	EMC330N	980798	2026/1/13	2027/1/12
RF Coaxial Cable EMCI	EMCCFD400-NM-NM-500	201248	2026/1/13	2027/1/12
	EMCCFD400-NM-NM-3000	201249	2026/1/13	2027/1/12
	EMCCFD400-NM-NM-9000	201251(with PAD)	2026/1/13	2027/1/12
Signal & Spectrum Analyzer R&S	FSV3044	101504	2025/6/18	2026/6/17
Software BV ADT	ADT_Radiated_ V7.7.1.1.1	N/A	N/A	N/A
Turn Table Max-Full	MFT-201SS	N/A	N/A	N/A
Turn Table Controller Max-Full	MF-7802BS	MF780208676	N/A	N/A

Notes:

1. The test was performed in WM - 966 chamber 9(Wenming).
2. Tested Date: 2026/6/10 ~ 2026/6/11

4.7 Radiated Spurious Emissions above 1GHz

Description Manufacturer	Model No.	Serial No.	Calibrated Date	Calibrated Until
Antenna Tower Max-Full	MFA-515BSN	N/A	N/A	N/A
Horn Antenna RFSPIN	DRH18-E	210104A18E	2025/11/9	2026/11/8
Horn Antenna Schwarzbeck	BBHA 9170	9170-1049	2025/11/9	2026/11/8
MXE EMI Receiver Keysight	N9038B	MY60180019	2026/1/14	2027/1/13
Preamplifier Agilent	83017A	MY39501357	2026/6/10	2027/6/9
Preamplifier EMCI	EMC184045SE	980788	2026/1/13	2027/1/12
RF Coaxial Cable EMCI	EMC101G-KM-KM-2000	201254	2026/1/13	2027/1/12
		201255	2026/1/13	2027/1/12
	EMC101G-KM-KM-5000	201261	2026/1/13	2027/1/12
	EMC104-SM-SM-1000	210103	2026/1/13	2027/1/12
	EMC104-SM-SM-3000	201241	2026/1/13	2027/1/12
	EMC104-SM-SM-9000	201244	2026/1/13	2027/1/12
Signal & Spectrum Analyzer R&S	FSV3044	101504	2025/6/18 2026/6/29	2026/6/17 2027/6/28
Software BV ADT	ADT_Radiated_ V7.7.1.1.1	N/A	N/A	N/A
Turn Table Max-Full	MFT-201SS	N/A	N/A	N/A
Turn Table Controller Max-Full	MF-7802BS	MF780208676	N/A	N/A

Notes:

1. The test was performed in WM - 966 chamber 9(Wenming).
2. Tested Date: 2026/6/12, 2026/7/7

4.8 Frequency Stability

Description Manufacturer	Model No.	Serial No.	Calibrated Date	Calibrated Until
3-channel DC power supply OWON	ODP3033	ODP30332128138	N/A	N/A
Digital Multimeter Fluke	8050A	4660081	2026/6/5	2027/6/4
Fixed Attenuator Woken	00800A1K01A-10	00800A1K01A-10-01	2026/5/21	2027/5/20
MXA Signal Analyzer Keysight	N9020B	MY60110462	2026/5/5	2027/5/4
Signal & Spectrum Analyzer R&S	FSV3044	101505	2026/6/15	2027/6/14
Software BV	ADT_RF Test Software V7.6.5.4	N/A	N/A	N/A
Temperature & Humidity Chamber Terchy	MHU-225AU	920842	2026/7/2	2027/7/1

Notes:

1. The test was performed in HY - Oven room(Hwaya).
2. Tested Date: 2026/7/18

5 Limits of Test Items

5.1 Effective Radiated Power and Equivalent Isotropically Radiated Power

For NR n2 SCS 15 kHz, NR n25 SCS 15 kHz:

Mobile and portable stations are limited to 2 watts EIRP.

For NR n5 SCS 15 kHz, NR n26 SCS 15 kHz (824 MHz ~ 849 MHz):

The ERP of mobile transmitters and auxiliary test transmitters must not exceed 7 watts.

For NR n7 SCS 15 kHz, NR n38 SCS 30 kHz, NR n41 SCS 30 kHz:

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

For NR n12 SCS 15 kHz, NR n71 SCS 15 kHz:

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.

For NR n13 SCS 15 kHz:

Portable stations (hand-held devices) transmitting in the 746-757 MHz, 776-788 MHz, and 805-806 MHz bands are limited to 3 watts ERP.

For NR n14 SCS 15 kHz:

Portable stations (hand-held devices) transmitting in the 758-768 MHz band and the 788-798 MHz band are limited to 3 watts ERP.

For NR n26 SCS 15 kHz (814 MHz ~ 824 MHz):

The maximum output power of the transmitter for mobile stations is 100 watts (20 dBw) ERP.

For NR n30 SCS 15 kHz, NR n40 SCS 30 kHz (2.35 GHz ~ 2.36 GHz):

For mobile and portable stations transmitting in the 2305-2315 MHz band or the 2350-2360 MHz band, the average EIRP must not exceed 50 milliwatts within any 1 megahertz of authorized bandwidth, except that for mobile and portable stations compliant with 3GPP LTE standards or another advanced mobile broadband protocol that avoids concentrating energy at the edge of the operating band the average EIRP must not exceed 250 milliwatts within any 5 megahertz of authorized bandwidth but may exceed 50 milliwatts within any 1 megahertz of authorized bandwidth.

For NR n66 SCS 15 kHz, NR n70 SCS 15 kHz:

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 n77 SCS 30 kHz (3.45 GHz ~ 3.55 GHz), NR n78 SCS 30 kHz (3.45 GHz ~ 3.55 GHz):

Mobile devices are limited to 1Watt (30 dBm) EIRP.

For NR n77 SCS 30 kHz (3.7 GHz ~ 3.98 GHz):

Mobile and portable stations are limited to 1 Watt EIRP.

5.2 Modulation Characteristics

A curve or equivalent data which shows that the equipment will meet the modulation requirements of the rules under which the equipment is to be licensed.

5.3 Peak to Average Ratio

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

5.4 Bandwidth

According to FCC 47 CFR part 2.1049, the occupied bandwidth, that is the frequency bandwidth such that, below its lower and above its upper frequency limits, the mean powers radiated are each equal to 0.5% of the total mean power radiated by a given emission.

5.5 Conducted Spurious Emissions

For NR n2 SCS 15 kHz:

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 n38 SCS 30 kHz, NR n41 SCS 30 kHz:

According to FCC 47 CFR part 27.53(m)(4) regulations, any transmit power outside of the channel edge must be attenuated below the transmitting power (P) by a factor shall be not less than 40 + 10 log (P) dB on all frequencies between the channel edge and 5 megahertz from the channel edge, 43 + 10 log (P) dB on all frequencies between 5 megahertz and X megahertz from the channel edge, and 55 + 10 log (P) dB on all frequencies more than X megahertz from the channel edge, where X is the greater of 6 megahertz or the actual emission bandwidth. In addition, the attenuation factor shall not be less that 43 + 10 log (P) dB on all frequencies between 2490.5 MHz and 2496 MHz and 55 + 10 log (P) dB at or below 2490.5 MHz. In the 1 MHz bands immediately outside and adjacent to the frequency block a resolution bandwidth of at least two percent may be employed, except when the 1 megahertz band is 2495-2496 MHz, in which case a resolution bandwidth of at least one percent may be employed.

For NR n40 SCS 30 kHz (2.35 GHz ~ 2.36 GHz):

According to FCC 47 CFR part 27.53(a)(4), for mobile and portable stations operating in the 2305-2315 MHz and 2350-2360 MHz bands:

(i) By a factor of not less than: 43 + 10 log (P) dB on all frequencies between 2305 MHz and 2320 MHz and on all frequencies between 2345 MHz and 2360 MHz that are outside the licensed band(s) of operation, not less than 55 + 10 log (P) dB on all frequencies between 2320 MHz and 2324 MHz and on all frequencies between 2341 MHz and 2345 MHz, not less than 61 + 10 log (P) dB on all frequencies between 2324 MHz and 2328 MHz and on all frequencies between 2337 MHz and 2341 MHz, and not less than 67 + 10 log (P) dB on all frequencies between 2328 MHz and 2337 MHz;

(ii) By a factor of not less than 43 + 10 log (P) dB on all frequencies between 2300 MHz and 2305 MHz, 55 + 10 log (P) dB on all frequencies between 2296 MHz and 2300 MHz, 61 + 10 log (P) dB on all frequencies between 2292 MHz and 2296 MHz, 67 + 10 log (P) dB on all frequencies between 2288 MHz and 2292 MHz, and 70 + 10 log (P) dB below 2288 MHz;

(iii) By a factor of not less than 43 + 10 log (P) dB on all frequencies between 2360 MHz and 2365 MHz, and not less than 70 + 10 log (P) dB above 2365 MHz.

(iv) Compliance with these rules is based on the use of measurement instrumentation employing a resolution bandwidth of 1 MHz or greater. However, in the 1 MHz bands immediately outside and adjacent to the channel blocks at 2305 MHz, 2310 MHz, 2315 MHz, 2320 MHz, 2345 MHz, 2350 MHz, 2355 MHz, and 2360 MHz, a resolution bandwidth of at least 1 percent of the emission bandwidth of the fundamental emission of the transmitter may be employed.

For NR n77 SCS 30 kHz (3.45 GHz ~ 3.55 GHz), NR n78 SCS 30 kHz (3.45 GHz ~ 3.55 GHz):

According to FCC 47 CFR part 27.53(n), for operations in the 3450-3550 MHz band, the conducted power of any emission outside the licensee's authorized bandwidth shall not exceed −13 dBm/MHz. Compliance with this paragraph (n)(2) is based on the use of measurement instrumentation employing a resolution bandwidth of 1 megahertz or greater. However, in the 1 megahertz bands immediately outside and adjacent to the licensee's frequency block, a resolution bandwidth of at least one percent of the emission bandwidth of the fundamental emission of the transmitter may be employed, but limited to a maximum of 200 kHz. In the bands between 1 and 5 MHz removed from the licensee's frequency block, the minimum resolution bandwidth for the measurement shall be 500 kHz.

Note: This device can be impelement MIMO function, so the limit of emission mask / conducted emissions needs to be reduced by 10*log(NumbersAnt) according to FCC KDB 662911 D01 guidance.

For NR n77 SCS 30 kHz (3.7 GHz ~ 3.98 GHz):

According to FCC 47 CFR part 27.53(l), for mobile operations in the 3700-3980 MHz band, the conducted power of any emission outside the licensee's authorized bandwidth shall not exceed −13 dBm/MHz. Compliance with this paragraph (l)(2) is based on the use of measurement instrumentation employing a resolution bandwidth of 1 megahertz or greater. However, in the 1 megahertz bands immediately outside and adjacent to the licensee's frequency block, the minimum resolution bandwidth for the measurement shall be either one percent of the emission bandwidth of the fundamental emission of the transmitter or 350 kHz. In the bands between 1 and 5 MHz removed from the licensee's frequency block, the minimum resolution bandwidth for the measurement shall be 500 kHz.

5.6 Radiated Spurious Emissions below 1GHz

For NR n2 SCS 15 kHz, NR n5 SCS 15 kHz, NR n25 SCS 15 kHz, NR n26 SCS 15 kHz (824 MHz ~ 849 MHz):

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 n7 SCS 15 kHz, NR n38 SCS 30 kHz, NR n41 SCS 30 kHz:

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 n12 SCS 15 kHz, NR n71 SCS 15 kHz:

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.

For NR n13 SCS 15 kHz:

According to FCC 47 CFR part 27.53(c)(2), for on any frequency outside the 776-788 MHz band, the power of any emission shall be attenuated outside the band below the transmitter power (P) by at least 43 + 10 log (P) dB. The limit of emissions is equal to -13 dBm.

For NR n14 SCS 15 kHz:

According to FCC 47 CFR part 90.543 (e), for operations in the 758-768 MHz and the 788-798 MHz bands, the power of any emission outside the licensee's frequency band(s) of operation shall be attenuated below the transmitter power (P) in watts by at least 43 + 10 Log (P) dB.

For NR n26 SCS 15 kHz (814 MHz ~ 824 MHz):

For any frequency removed from the EA licensee's frequency block greater than 37.5 kHz, the power of any emission shall be attenuated below the transmitter power (P) in watts by at least 43 + 10 Log_{10}(P) decibels or 80 decibels, whichever is the lesser attenuation, where f is the frequency removed from the center of the outer channel in the block in kilohertz and where f is greater than 37.5 kHz.
For §90.691(a), RBW = 100 kHz for offset grater than 37.5 kHz from channel edge is allowed.

For NR n30 SCS 15 kHz, NR n40 SCS 30 kHz (2.35 GHz ~ 2.36 GHz):

According to FCC 47 CFR part 27.53(a)(4)(ii)(iii), the power of any emission outside a licensee's frequency block shall be attenuated below the transmitter power (P) by at least 70 +10 log (P) dB. The limit of emission is equal to -40 dBm.

For NR n66 SCS 15 kHz, NR n70 SCS 15 kHz:

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 n77 SCS 30 kHz (3.45 GHz ~ 3.55 GHz), NR n78 SCS 30 kHz (3.45 GHz ~ 3.55 GHz):

According to FCC 47 CFR part 27.53(n), for operations in the 3450-3550 MHz band, the conducted power of any emission outside the licensee's authorized bandwidth shall not exceed −13 dBm/MHz.

For NR n77 SCS 30 kHz (3.7 GHz ~ 3.98 GHz):

According to FCC 47 CFR part 27.53(l), for mobile operations in the 3700-3980 MHz band, the conducted power of any emission outside the licensee's authorized bandwidth shall not exceed −13 dBm/MHz.

5.7 Radiated Spurious Emissions above 1GHz

For NR n2 SCS 15 kHz, NR n5 SCS 15 kHz, NR n25 SCS 15 kHz, NR n26 SCS 15 kHz (824 MHz ~ 849 MHz):

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 n7 SCS 15 kHz, NR n38 SCS 30 kHz, NR n41 SCS 30 kHz:

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 n12 SCS 15 kHz, NR n71 SCS 15 kHz:

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.

For NR n13 SCS 15 kHz:

According to FCC 47 CFR part 27.53(c)(2), for on any frequency outside the 776-788 MHz band, the power of any emission shall be attenuated outside the band below the transmitter power (P) by at least 43 + 10 log (P) dB. The limit of emissions is equal to -13 dBm.
For operations in the 775-788 MHz, emissions in the band 1559-1610 MHz shall be limited to -70 dBW/MHz (EIRP). The limit of emissions is equal to -40 dBm.

For NR n14 SCS 15 kHz:

According to FCC 47 CFR part 90.543 (e), for operations in the 758-768 MHz and the 788-798 MHz bands, the power of any emission outside the licensee's frequency band(s) of operation shall be attenuated below the transmitter power (P) in watts by at least 43 + 10 Log (P) dB.

According to FCC 47 CFR part 90.543 (f), for operations in the 758-775 MHz and 788-805 MHz bands, all emissions including harmonics in the band 1559-1610 MHz shall be limited to −70 dBW/MHz equivalent isotropically radiated power (EIRP) for wideband signals, and −80 dBW EIRP for discrete emissions of less than 700 Hz bandwidth.

For NR n26 SCS 15 kHz (814 MHz ~ 824 MHz):

For any frequency removed from the EA licensee's frequency block greater than 37.5 kHz, the power of any emission shall be attenuated below the transmitter power (P) in watts by at least 43 + 10 Log_{10}(P) decibels or 80 decibels, whichever is the lesser attenuation, where f is the frequency removed from the center of the outer channel in the block in kilohertz and where f is greater than 37.5 kHz.
For §90.691(a), RBW = 100 kHz for offset grater than 37.5 kHz from channel edge is allowed.

For NR n30 SCS 15 kHz, NR n40 SCS 30 kHz (2.35 GHz ~ 2.36 GHz):

According to FCC 47 CFR part 27.53(a)(4)(ii)(iii), the power of any emission outside a licensee's frequency block shall be attenuated below the transmitter power (P) by at least 70 +10 log (P) dB. The limit of emission is equal to -40 dBm.

For NR n66 SCS 15 kHz, NR n70 SCS 15 kHz:

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 n77 SCS 30 kHz (3.45 GHz ~ 3.55 GHz), NR n78 SCS 30 kHz (3.45 GHz ~ 3.55 GHz):

According to FCC 47 CFR part 27.53(n), for operations in the 3450-3550 MHz band, the conducted power of any emission outside the licensee's authorized bandwidth shall not exceed −13 dBm/MHz.

For NR n77 SCS 30 kHz (3.7 GHz ~ 3.98 GHz):

According to FCC 47 CFR part 27.53(l), for mobile operations in the 3700-3980 MHz band, the conducted power of any emission outside the licensee's authorized bandwidth shall not exceed −13 dBm/MHz.

5.8 Frequency Stability

For NR n2 SCS 15 kHz, NR n38 SCS 30 kHz, NR n40 SCS 30 kHz (2.35 GHz ~ 2.36 GHz), NR n41 SCS 30 kHz, NR n77 SCS 30 kHz (3.45 GHz ~ 3.55 GHz), NR n77 SCS 30 kHz (3.7 GHz ~ 3.98 GHz), NR n78 SCS 30 kHz (3.45 GHz ~ 3.55 GHz):

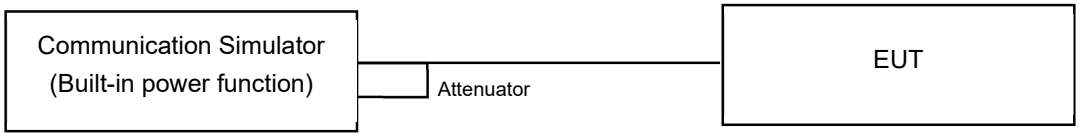
The frequency stability shall be sufficient to ensure that the fundamental emissions stay within the authorized bands of operation (authorized frequency block).

6 Test Arrangements

6.1 Effective Radiated Power and Equivalent Isotropically Radiated Power

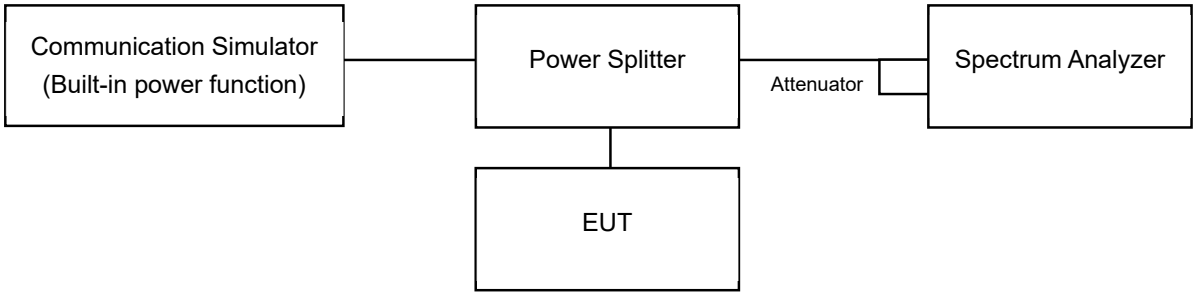
6.1.1 Test Setup

Conducted Power Measurement:



Note: The correction factor has already been compensated by the instrument.

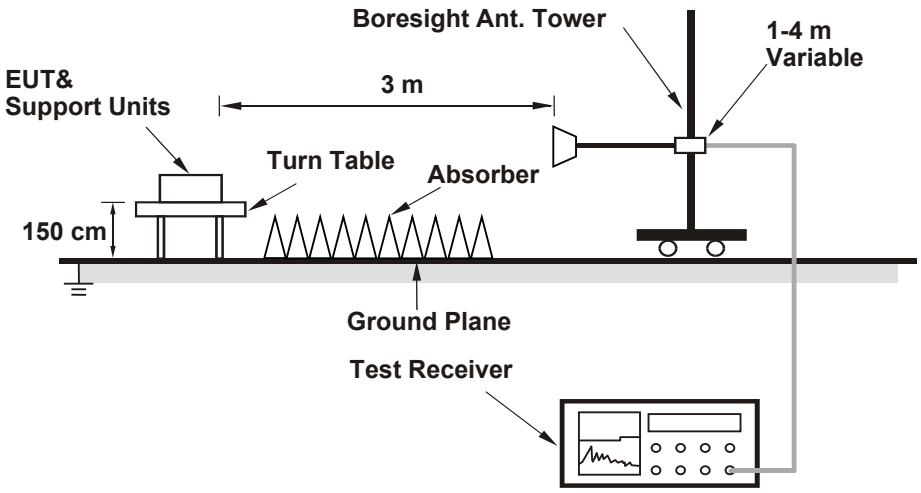
For measuring output power using spectrum



Note: The correction factor has already been compensated by the instrument.

Radiated Power EIRP / ERP Measurement:

For Radiated Emission above 1 GHz



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

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 average (rms) 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.

For measuring output power using spectrum

The EUT is configured by emulator to set data modulation and maximum power using WWAN technology and link to spectrum analyzer measurements. Set the EUT to transmit under low, middle and high channel and record the power level shown on spectrum analyzer. Power measurements use detector average (rms).

For measuring output power using spectrum

Measurement method refers to ANSI C63.26 section 5.2.4.4.

a. Set span to 2 × to 3 × the OBW.
b. Set RBW = 1% to 5% of the OBW.
c. Set VBW ≥ 3 × RBW.
d. Set number of measurement points in sweep ≥ 2 × 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. Use the Band/Channel Power function to determine the integrated power per 5 MHz bandwidth, according to the 47 CFR FCC Part 27 section 27.53(a)(3)(i) standard.
j. If Duty cycle < 98%, Add 10 log (1/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:

$EIRP = P_{Meas} + G_T$

$ERP = P_{Meas} + G_T - 2.15$

where

ERP or EIRP effective radiated power or equivalent isotropically radiated power, respectively (expressed in the same units as P_{Meas}, e.g., dBm or dBW)

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

G_T gain of the transmitting antenna, in dBd (ERP) or dBi (EIRP)

Radiated Power EIRP / ERP Measurement:

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

Set the EUT to transmit under low, middle and high channel and record the power level shown on spectrum analyzer.

a. In the semi-anechoic chamber, EUT placed on the 0.8 m (below or equal 1 GHz) and/or 1.5 m (above 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.
b. The height of antenna is varied from one meter to four meters above the ground to determine the maximum value of the field strength. Both horizontal and vertical polarizations of the antenna are set to make the measurement.
c. Perform a field strength measurement and record the worse read value, is the field strength value via a spectrum reading obtained corrected for antenna factor, cable loss and pre-amplifier factor and then mathematically convert the measured field strength level to EIRP/ERP level.
d. Following C63.26 section 5.5 and 5.2.7. Set the detector to power averaging (rms) detector.

- EIRP (dBm) = E (dBμV/m) + 20log(D) - 104.8; where D is the measurement distance (in the far field region) in m.
- ERP (dBm) = E (dBμV/m) + 20log(D) - 104.8 - 2.15; where D is the measurement distance (in the far field region) in m.

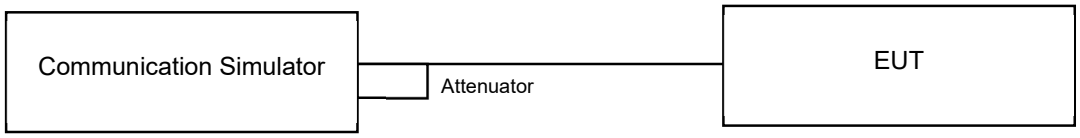
Spectrum analyzer setting as below:

Measurement method refers to ANSI C63.26 section 5.2.4.4.

a. Set span to 2 × to 3 × the OBW.
b. Set RBW = 1% to 5% of the OBW.
c. Set VBW ≥ 3 × RBW.
d. Set number of measurement points in sweep ≥ 2 × 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. Use the Band/Channel Power function to determine the integrated power per 5 MHz bandwidth, according to the 47 CFR FCC Part 27 section 27.53(a)(3)(i) standard.
j. If Duty cycle < 98%, Add 10 log (1/duty cycle) to the measured power level to compute the average power during continuous transmission.

6.2 Modulation Characteristics

6.2.1 Test Setup



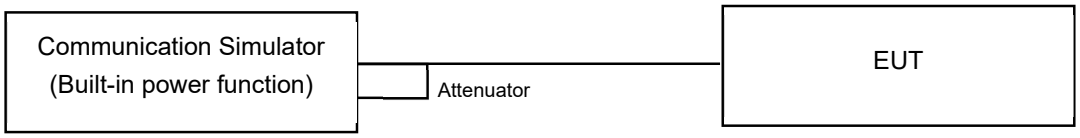
Note: The correction factor has already been compensated by the instrument.

6.2.2 Test Procedure

Connect the EUT to Communication Simulator via the antenna connector, the frequency band is set as EUT supported Modulation and Channels, the EUT output is matched with 50 ohm load, the waveform quality and constellation of the EUT was tested.

6.3 Peak to Average Ratio

6.3.1 Test Setup



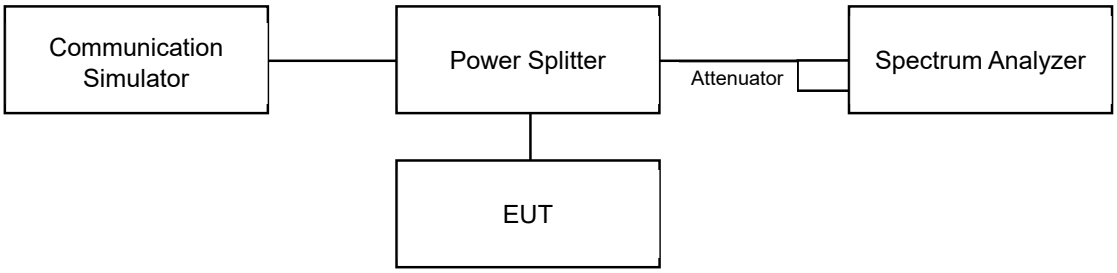
Note: The correction factor has already been compensated by the instrument.

6.3.2 Test Procedure

a. Set resolution/measurement bandwidth ≥ signal's occupied bandwidth;
b. Set the number of counts to a value that stabilizes the measured CCDF curve;
c. Record the maximum PAPR level associated with a probability of 0.1%.

6.4 Bandwidth

6.4.1 Test Setup



Note: The correction factor has already been compensated by the instrument.

6.4.2 Test Procedure

For the 26 dBc bandwidth measurement method, please refer to section 5.4.3 of ANSI C63.26.

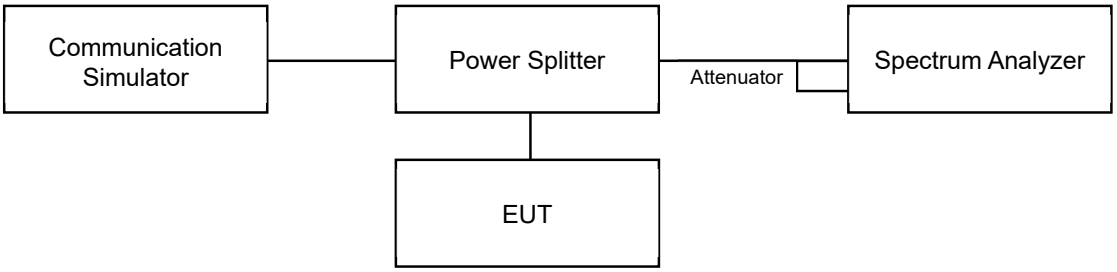
a. The spectrum analyzer center frequency is set to the nominal EUT channel center frequency. The span range for the spectrum analyzer shall be wide enough to see sufficient roll off of the signal to make the measurement.
b. The nominal RBW shall be in the range of 1% to 5% of the anticipated OBW, and the VBW shall be set ≥ 3 × RBW.
c. Set the reference level of the instrument as required to prevent the signal amplitude from exceeding the maximum spectrum analyzer input mixer level for linear operation. See guidance provided in 4.2.3.
d. The dynamic range of the spectrum analyzer at the selected RBW shall be more than 10 dB below the target "−X dB" requirement, i.e., if the requirement calls for measuring the −26 dB OBW, the spectrum analyzer noise floor at the selected RBW shall be at least 36 dB below the reference level.
e. Set spectrum analyzer detection mode to peak, and the trace mode to max hold.
f. Determine the following reference values: Set the EUT to transmit a modulated signal. Allow the trace to stabilize. Set the spectrum analyzer marker to the highest level of the displayed trace (this is the reference value).
g. Determine the "−X dB amplitude" as equal to (Reference Value − X). Alternatively, this calculation can be performed on the spectrum analyzer using the delta-marker measurement function.
h. Place two markers, one at the lowest and the other at the highest frequency of the envelope of the spectral display such that each marker is at or slightly below the "−X dB amplitude" determined in step f). If a marker is below this "−X dB amplitude" value it should be as close as possible to this value. The OBW is the positive frequency difference between the two markers.
i. The OBW shall be reported by providing plot(s) of the measuring instrument display, to include markers depicting the relevant frequency and amplitude information (e.g., marker table). The frequency and amplitude axis and scale shall be clearly labeled. Tabular data may be reported in addition to the plot(s).

For the occupied bandwidth measurement method, please refer to section 5.4.4 of ANSI C63.26.

a. The spectrum analyzer center frequency is set to the nominal EUT channel center frequency. The span range for the spectrum analyzer shall be wide enough to see sufficient roll off of the signal to make the measurement.
b. The nominal RBW shall be in the range of 1% to 5% of the anticipated OBW, and the VBW shall be set ≥ 3 × RBW.
c. Set the reference level of the instrument as required to prevent the signal amplitude from exceeding the maximum spectrum analyzer input mixer level for linear operation. See guidance provided in 4.2.3.
d. Set spectrum analyzer detection mode to peak, and the trace mode to max hold.
e. If the instrument does not have a 99% OBW function, recover the trace data points and sum directly in linear power terms. Place the recovered amplitude data points, beginning at the lowest frequency, in a running sum until 0.5% of the total is reached. Record that frequency as the lower OBW frequency. Repeat the process until 99.5% of the total is reached and record that frequency as the upper OBW frequency. The 99% power OBW can be determined by computing the difference these two frequencies.
f. The OBW shall be reported by providing plot(s) of the measuring instrument display shall be provided with the test report. The frequency and amplitude axis and scale shall be clearly labeled. Tabular data can be reported in addition to the plot(s).

6.5 Conducted Spurious Emissions

6.5.1 Test Setup



Note: The correction factor has already been compensated by the instrument.

6.5.2 Test Procedure

a. Measurement refer to ANSI C63.26 section 5.7.
b. All measurements were done at 3 channels: low, middle and high operational frequency range.
c. Measuring frequency range is from 9 kHz up to the tenth harmonic of the hightest fundamental frequency or to 40 GHz, whichever is lower. 10 dB attenuation pad is connected with spectrum.
d. The fundamental frequency above 1 GHz, the spectrum set RBW = 1 MHz, VBW = 3 MHz, Detector = Average.
e. The fundamental frequency below 1 GHz, the spectrum set RBW ≥ 100 kHz, VBW ≥ 3 x RBW, Detector = Average.
f. Measuring frequency band edge, narrow RBW (no less than 1% of the OBW) is used for conducted emission measurement.
g. For the emissions measurement method, certain channel BW modes demonstrate compliance by integrating with the smaller RBW allowed by the rule.
For example: Where Reference RBW = 1 MHz and a smaller RBW = 100 kHz is used, worst-case integrated BW power = [Max Measured Value (dBm) with RBW = 100 kHz] + 10* log(1000/100). To compensate for this integration before comparison to the value, the adjusted reference level offset was increase by 10 dB accordingly.
a. Record the maximum power value test plot.

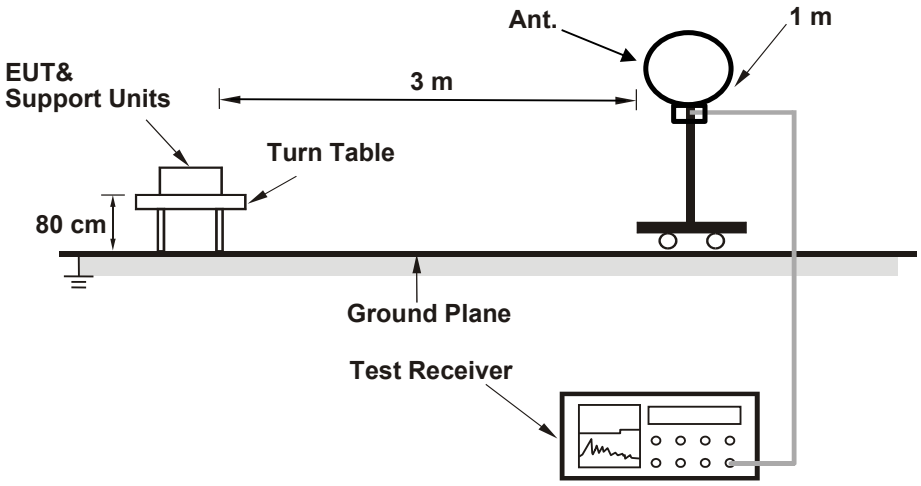
For Emission Mask:

a. Measurement refer to ANSI C63.26 section 5.7.
b. All measurements were done at 2 channels: low and high operational frequency range.
c. Accoding to FCC 47 CFR part 90.691(a), the spectrum set RBW = 300 Hz for offset less than 37.5 kHz from channel edge and RBW = 100 kHz for offsets greater than 37.5 kHz is allowed.
d. For the emissions measurement method, certain channel BW modes demonstrate compliance by integrating with the smaller RBW allowed by the rule.
For example: Where Reference RBW = 1 MHz and a smaller RBW = 100 kHz is used, worst-case integrated BW power = [Max Measured Value (dBm) with RBW = 100 kHz] + 10* log(1000/100). To compensate for this integration before comparison to the value, the adjusted reference level offset was increase by 10 dB accordingly.
a. Record the maximum power value test plot.

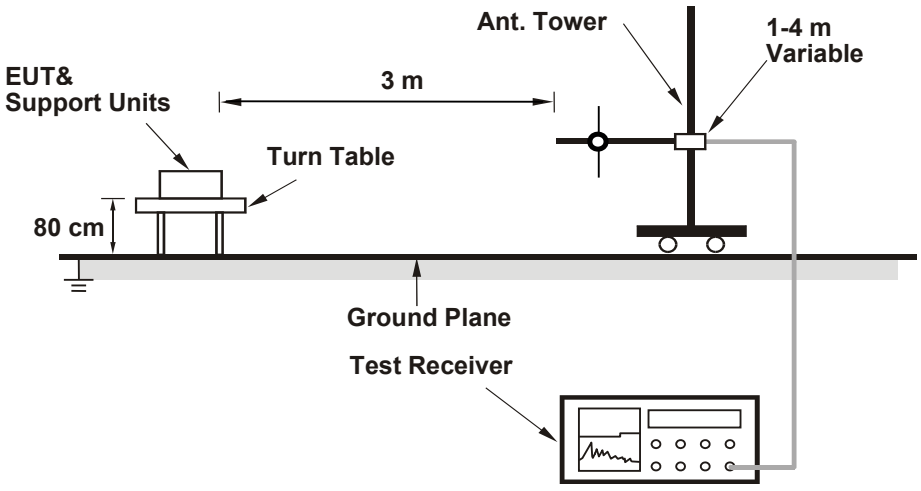
6.6 Radiated Spurious Emissions below 1GHz

6.6.1 Test Setup

For Radiated emission below 30 MHz



For Radiated emission above 30 MHz



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

6.6.2 Test Procedure

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

a. 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.

b. The height of antenna is varied from one meter to four meters above the ground to determine the maximum value of the field strength. Both horizontal and vertical polarizations of the antenna are set to make the measurement.

c. Perform a field strength measurement and record the worse read value, is the field strength value via a spectrum reading obtained corrected for antenna factor, cable loss and pre-amplifier factor and then mathematically convert the measured field strength level to EIRP/ERP level.

d. Following ANSI C63.26 section 5.5 and 5.2.7

e. EIRP (dBm) = E (dBμV/m) + 20log(D) - 104.8; where D is the measurement distance (in the far field region) in m.

f. ERP (dBm) = E (dBμV/m) + 20log(D) - 104.8 - 2.15; where D is the measurement distance (in the far field region) in m.

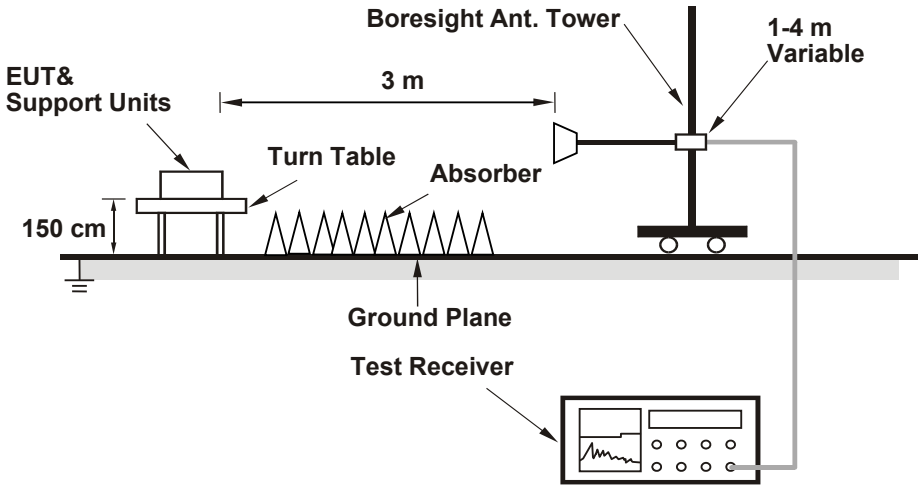
Note:

1. The resolution bandwidth and video bandwidth of test receiver/spectrum analyzer is 1 MHz/3 MHz. Set detector = average.
2. The amplitude of spurious emissions in the range 9 kHz to 30 MHz which are attenuated more than 20 dB below the permissible value need not be reported.

6.7 Radiated Spurious Emissions above 1GHz

6.7.1 Test Setup

For radiated emission above 1 GHz



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

6.7.2 Test Procedure

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

a. In the semi-anechoic chamber, EUT placed on the 1.5 m height of turn table, rotated the table around 360 degrees to search the maximum radiation power and receiver antenna shall be rotated vertical and horizontal polarization and moved height from 1 m to 4 m to find the maximum polar radiated power. The “Read Value” is the spectrum reading the maximum power value.

b. The height of antenna is varied from one meter to four meters above the ground to determine the maximum value of the field strength. Both horizontal and vertical polarizations of the antenna are set to make the measurement.

c. Perform a field strength measurement and record the worse read value, is the field strength value via a spectrum reading obtained corrected for antenna factor, cable loss and pre-amplifier factor and then mathematically convert the measured field strength level to EIRP/ERP level.

d. Following ANSI C63.26 section 5.5 and 5.2.7

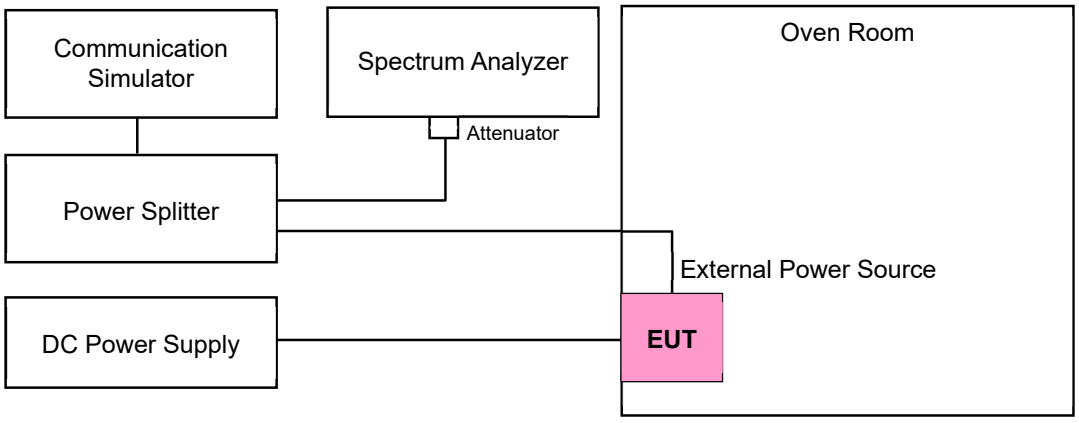
e. EIRP (dBm) = E (dBµV/m) + 20log(D) - 104.8; where D is the measurement distance (in the far field region) in m.

f. ERP (dBm) = E (dBµV/m) + 20log(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.

6.8 Frequency Stability

6.8.1 Test Setup



6.8.2 Test Procedure

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

a. Device is placed at the oven room. The oven room could control the temperatures and humidity. Power warm up is at least 15 min and power applied should perform before recording frequency error.

b. EUT is connected the external power supply to control the DC input power. The test voltage range is from minimum to maximum working voltage. Each step shall be record the frequency error rate.

c. The temperature range step is 10 degrees in this test items. All temperature levels shall be hold the ±0.5℃ during the measurement testing. The each temperature step shall be at least 0.5 hours, consider the EUT could be test under the stability condition.

Note: The frequency error was recorded frequency error from the communication simulator.

7 Test Results of Test Item

7.1 Effective Radiated Power and Equivalent Isotropically Radiated Power

Input Power:	3.85 Vdc	Environmental Conditions:	23°C, 62% RH	Tested By:	James Yang

7.1.1 NR n2 SCS 15 kHz

PC3_1TX

NR n2 SCS 15 kHz, Channel Bandwidth: 5 MHz

Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)		
			CH 370500	CH 376000	CH 381500
			1852.5 MHz	1880 MHz	1907.5 MHz
BPSK	1	1	23.47	23.67	23.43
	1	0	23.01	23.2	22.98
QPSK	1	1	23.5	23.66	23.52
	1	0	22.51	22.76	22.49
	1	13	23.41	23.6	23.44
	1	23	23.45	23.61	23.45
	1	24	22.25	22.54	22.28
	12	0	22.34	22.56	22.3
	12	7	23.39	23.54	23.43
	12	13	22.51	22.74	22.47
	25	0	22.62	22.7	22.53
16QAM	1	0	20.7	20.92	20.66
64QAM	1	0	19.79	19.96	19.7
256QAM	1	0	17.45	17.65	17.34

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
BPSK	22.98	23.67	24.24	24.93	33.01
QPSK	22.25	23.66	23.51	24.92	33.01
16QAM	20.66	20.92	21.92	22.18	33.01
64QAM	19.7	19.96	20.96	21.22	33.01
256QAM	17.34	17.65	18.6	18.91	33.01

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

NR n2 SCS 15 kHz, Channel Bandwidth: 10 MHz

Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)		
			CH 371000	CH 376000	CH 381000
			1855 MHz	1880 MHz	1905 MHz
BPSK	1	1	23.44	23.66	23.43
	1	0	23.03	23.19	22.97
QPSK	1	1	23.51	23.68	23.5
	1	0	22.51	22.8	22.51
	1	26	23.45	23.61	23.44
	1	49	23.47	23.6	23.46
	1	51	22.22	22.54	22.28
	25	0	22.32	22.53	22.3
	25	14	23.42	23.54	23.45
	25	27	22.51	22.76	22.48
	50	0	22.61	22.66	22.53
	52	0	20.7	20.92	20.69
16QAM	1	0	20.29	20.72	20.28
64QAM	1	0	19.81	19.96	19.69
256QAM	1	0	17.45	17.66	17.33

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
BPSK	22.97	23.66	24.23	24.92	33.01
QPSK	20.69	23.68	21.95	24.94	33.01
16QAM	20.28	20.72	21.54	21.98	33.01
64QAM	19.69	19.96	20.95	21.22	33.01
256QAM	17.33	17.66	18.59	18.92	33.01

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

NR n2 SCS 15 kHz, Channel Bandwidth: 15 MHz

Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)		
			CH 371500	CH 376000	CH 380500
			1857.5 MHz	1880 MHz	1902.5 MHz
BPSK	1	1	23.45	23.68	23.44
	1	0	23.05	23.23	22.99
QPSK	1	1	23.51	23.69	23.52
	1	0	22.5	22.78	22.5
	1	40	23.45	23.61	23.46
	1	74	23.46	23.61	23.49
	1	78	22.22	22.53	22.25
	36	0	22.31	22.53	22.28
	36	22	23.41	23.56	23.43
	36	43	22.5	22.76	22.45
	75	0	22.62	22.67	22.55
	79	0	20.68	20.95	20.66
16QAM	1	0	20.6	20.88	20.57
64QAM	1	0	19.79	19.97	19.68
256QAM	1	0	17.46	17.62	17.34

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
BPSK	22.99	23.68	24.25	24.94	33.01
QPSK	20.66	23.69	21.92	24.95	33.01
16QAM	20.57	20.88	21.83	22.14	33.01
64QAM	19.68	19.97	20.94	21.23	33.01
256QAM	17.34	17.62	18.6	18.88	33.01

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

NR n2 SCS 15 kHz, Channel Bandwidth: 20 MHz

Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)		
			CH 372000	CH 376000	CH 380000
			1860 MHz	1880 MHz	1900 MHz
BPSK	1	1	23.47	23.62	23.5
	1	0	22.97	23.2	22.97
QPSK	1	1	23.46	23.64	23.54
	1	0	22.5	22.78	22.48
	1	53	23.44	23.6	23.41
	1	99	23.47	23.67	23.45
	1	105	22.25	22.54	22.26
	50	0	22.29	22.57	22.29
	50	28	23.41	23.56	23.44
	50	56	22.46	22.74	22.49
	100	0	22.63	22.72	22.51
	106	0	20.75	21.01	20.74
16QAM	1	0	20.66	20.97	20.7
64QAM	1	0	19.81	19.96	19.72
256QAM	1	0	17.44	17.59	17.35

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
BPSK	22.97	23.62	24.23	24.88	33.01
QPSK	20.74	23.67	22	24.93	33.01
16QAM	20.66	20.97	21.92	22.23	33.01
64QAM	19.72	19.96	20.98	21.22	33.01
256QAM	17.35	17.59	18.61	18.85	33.01

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

NR n2 SCS 15 kHz, Channel Bandwidth: 25 MHz

Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)		
			CH 372500	CH 376000	CH 379500
			1862.5 MHz	1880 MHz	1897.5 MHz
BPSK	1	1	23.49	23.64	23.46
	1	0	22.99	23.22	22.98
QPSK	1	1	23.49	23.65	23.51
	1	0	22.51	22.77	22.48
	1	67	23.45	23.59	23.43
	1	127	23.47	23.64	23.44
	1	132	22.26	22.55	22.26
	64	0	22.29	22.58	22.3
	64	35	23.41	23.56	23.46
	64	69	22.45	22.77	22.48
	128	0	22.63	22.69	22.54
	133	0	20.76	21.04	20.74
16QAM	1	0	20.68	20.95	20.71
64QAM	1	0	19.8	19.97	19.72
256QAM	1	0	17.46	17.62	17.34

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
BPSK	22.98	23.64	24.24	24.9	33.01
QPSK	20.74	23.65	22	24.91	33.01
16QAM	20.68	20.95	21.94	22.21	33.01
64QAM	19.72	19.97	20.98	21.23	33.01
256QAM	17.34	17.62	18.6	18.88	33.01

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

NR n2 SCS 15 kHz, Channel Bandwidth: 30 MHz

Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)		
			CH 373000	CH 376000	CH 379000
			1865 MHz	1880 MHz	1895 MHz
BPSK	1	1	23.5	23.7	23.49
	1	0	23.07	23.25	23.01
QPSK	1	1	23.56	23.72	23.55
	1	0	22.56	22.82	22.55
	1	80	23.47	23.66	23.49
	1	158	23.51	23.65	23.51
	1	159	22.28	22.56	22.3
	80	0	22.37	22.59	22.33
	80	40	23.44	23.6	23.49
	80	80	22.55	22.8	22.5
	160	0	22.64	22.72	22.59
16QAM	1	0	20.72	20.98	20.72
64QAM	1	0	19.84	20.02	19.74
256QAM	1	0	17.49	17.68	17.38

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
BPSK	23.01	23.7	24.27	24.96	33.01
QPSK	22.28	23.72	23.54	24.98	33.01
16QAM	20.72	20.98	21.98	22.24	33.01
64QAM	19.74	20.02	21	21.28	33.01
256QAM	17.38	17.68	18.64	18.94	33.01

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

NR n2 SCS 15 kHz, Channel Bandwidth: 35 MHz

Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)		
			CH 373500	CH 376000	CH 378500
			1867.5 MHz	1880 MHz	1892.5 MHz
BPSK	1	1	23.51	23.68	23.52
	1	0	23.03	23.25	23.03
QPSK	1	1	23.52	23.69	23.57
	1	0	22.55	22.82	22.54
	1	94	23.47	23.65	23.47
	1	186	23.51	23.69	23.48
	1	187	22.29	22.57	22.28
	80	0	22.34	22.63	22.35
	94	47	23.46	23.6	23.5
	94	94	22.51	22.79	22.53
	180	0	22.65	22.74	22.56
	188	0	20.79	21.07	20.78
16QAM	1	0	20.72	21.01	20.73
64QAM	1	0	19.84	19.99	19.74
256QAM	1	0	17.49	17.65	17.38

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
BPSK	23.03	23.68	24.29	24.94	33.01
QPSK	20.78	23.69	22.04	24.95	33.01
16QAM	20.72	21.01	21.98	22.27	33.01
64QAM	19.74	19.99	21	21.25	33.01
256QAM	17.38	17.65	18.64	18.91	33.01

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

NR n2 SCS 15 kHz, Channel Bandwidth: 40 MHz

Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)		
			CH 374000	CH 376000	CH 378000
			1870 MHz	1880 MHz	1890 MHz
BPSK	1	1	23.56	23.72	23.55
	1	0	23.09	23.27	23.07
QPSK	1	1	23.58	23.74	23.59
	1	0	22.59	22.84	22.57
	1	108	23.52	23.68	23.51
	1	214	23.55	23.71	23.54
	1	215	22.34	22.60	22.33
	108	0	22.39	22.65	22.38
	108	54	23.49	23.65	23.54
	108	108	22.57	22.82	22.56
	216	0	22.70	22.78	22.62
16QAM	1	0	20.78	21.03	20.76
64QAM	1	0	19.87	20.05	19.78
256QAM	1	0	17.53	17.71	17.44

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
BPSK	23.07	23.72	24.33	24.98	33.01
QPSK	22.33	23.74	23.59	25	33.01
16QAM	20.76	21.03	22.02	22.29	33.01
64QAM	19.78	20.05	21.04	21.31	33.01
256QAM	17.44	17.71	18.7	18.97	33.01

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

PC2_2TX

NR n2 SCS 15 kHz, PC2_MIMO, Channel Bandwidth: 5 MHz

Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)								
			CH 370500			CH 376000			CH 381500		
			1852.5 MHz			1880 MHz			1907.5 MHz		
			TX 1	TX 2	Total	TX 1	TX 2	Total	TX 1	TX 2	Total
BPSK	1	1	23.71	23.90	26.82	23.63	23.68	26.67	23.71	23.79	26.76
QPSK	1	1	22.80	22.78	25.80	22.85	22.75	25.81	22.72	22.84	25.79
	1	0	23.81	23.95	26.89	23.86	23.97	26.93	23.83	23.91	26.88
	1	13	23.65	23.70	26.69	23.86	23.94	26.91	23.74	23.71	26.74
	1	23	23.55	23.76	26.67	23.73	23.83	26.79	23.75	23.92	26.85
	1	24	22.81	22.75	25.79	22.67	22.87	25.78	22.70	22.84	25.78
	12	0	23.73	23.74	26.75	23.81	23.96	26.90	23.77	23.91	26.85
	12	7	22.56	22.77	25.68	22.65	22.97	25.82	22.82	22.79	25.82
	12	13	22.70	22.78	25.75	22.81	22.78	25.81	22.83	22.98	25.92
	25	0	23.71	23.90	26.82	23.63	23.68	26.67	23.71	23.79	26.76
16QAM	1	0	21.67	21.77	24.73	21.57	21.77	24.68	21.77	21.87	24.83
64QAM	1	0	21.15	21.22	24.20	21.15	21.38	24.28	21.15	21.28	24.23
256QAM	1	0	19.15	19.23	22.20	19.33	19.24	22.30	19.42	19.19	22.32

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
BPSK	26.67	26.82	28.88	29.03	33.01
QPSK	25.68	26.93	27.89	29.14	33.01
16QAM	24.68	24.83	26.89	27.04	33.01
64QAM	24.2	24.28	26.41	26.49	33.01
256QAM	22.2	22.32	24.41	24.53	33.01

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

NR n2 SCS 15 kHz, PC2_MIMO, Channel Bandwidth: 10 MHz

Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)								
			CH 371000			CH 376000			CH 381000		
			1855 MHz			1880 MHz			1905 MHz		
			TX 1	TX 2	Total	TX 1	TX 2	Total	TX 1	TX 2	Total
BPSK	1	1	23.73	23.69	26.72	23.84	23.76	26.81	23.65	23.73	26.70
QPSK	1	1	22.65	22.82	25.75	22.70	22.93	25.83	22.86	22.96	25.92
	1	0	23.81	23.71	26.77	23.59	23.95	26.78	23.88	23.86	26.88
	1	26	23.61	23.88	26.76	23.81	23.83	26.83	23.63	23.85	26.75
	1	49	23.77	23.81	26.80	23.59	23.79	26.70	23.89	23.79	26.85
	1	51	22.64	22.87	25.77	22.77	22.84	25.82	22.92	22.78	25.86
	25	0	23.77	23.75	26.77	23.69	23.71	26.71	23.72	23.89	26.82
	25	14	22.78	22.67	25.74	22.76	22.81	25.80	22.63	22.81	25.73
	25	27	22.57	22.93	25.76	22.68	22.96	25.83	22.91	22.88	25.91
	50	0	20.67	20.71	23.70	20.67	20.70	23.70	20.68	20.92	23.81
16QAM	1	0	21.70	21.91	24.82	21.65	21.86	24.77	21.84	21.74	24.80
64QAM	1	0	21.28	21.44	24.37	21.07	21.47	24.28	21.17	21.38	24.29
256QAM	1	0	19.23	19.27	22.26	19.14	19.47	22.32	19.27	19.38	22.34

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
BPSK	26.7	26.81	28.91	29.02	33.01
QPSK	23.7	26.88	25.91	29.09	33.01
16QAM	24.77	24.82	26.98	27.03	33.01
64QAM	24.28	24.37	26.49	26.58	33.01
256QAM	22.26	22.34	24.47	24.55	33.01

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

NR n2 SCS 15 kHz, PC2_MIMO, Channel Bandwidth: 15 MHz

Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)								
			CH 371500			CH 376000			CH 380500		
			1857.5 MHz			1880 MHz			1902.5 MHz		
			TX 1	TX 2	Total	TX 1	TX 2	Total	TX 1	TX 2	Total
BPSK	1	1	23.71	23.79	26.76	23.73	23.70	26.73	23.91	23.71	26.82
QPSK	1	1	22.57	22.76	25.68	22.81	22.68	25.76	22.90	22.74	25.83
	1	0	23.79	23.94	26.88	23.70	23.87	26.80	23.81	23.90	26.87
	1	40	23.63	23.77	26.71	23.82	23.88	26.86	23.73	23.70	26.73
	1	74	23.60	23.71	26.67	23.61	23.92	26.78	23.65	23.69	26.68
	1	78	22.79	22.91	25.86	22.81	22.71	25.77	22.68	22.77	25.74
	36	0	23.64	23.69	26.68	23.86	23.71	26.80	23.63	23.90	26.78
	36	22	22.72	22.67	25.71	22.59	22.73	25.67	22.80	22.95	25.89
	36	43	22.58	22.92	25.76	22.68	22.95	25.83	22.73	22.77	25.76
	75	0	20.74	20.88	23.82	20.79	20.92	23.87	20.89	20.86	23.89
16QAM	1	0	21.66	21.86	24.77	21.65	21.77	24.72	21.79	21.80	24.81
64QAM	1	0	21.11	21.41	24.27	21.07	21.47	24.28	21.21	21.21	24.22
256QAM	1	0	19.12	19.45	22.30	19.11	19.33	22.23	19.22	19.48	22.36

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
BPSK	26.73	26.82	28.94	29.03	33.01
QPSK	23.82	26.88	26.03	29.09	33.01
16QAM	24.72	24.81	26.93	27.02	33.01
64QAM	24.22	24.28	26.43	26.49	33.01
256QAM	22.23	22.36	24.44	24.57	33.01

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

NR n2 SCS 15 kHz, PC2_MIMO, Channel Bandwidth: 20 MHz

Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)								
			CH 372000			CH 376000			CH 380000		
			1860 MHz			1880 MHz			1900 MHz		
			TX 1	TX 2	Total	TX 1	TX 2	Total	TX 1	TX 2	Total
BPSK	1	1	23.58	23.71	26.66	23.84	23.70	26.78	23.70	23.72	26.72
QPSK	1	1	22.61	22.68	25.66	22.75	22.76	25.77	22.68	22.82	25.76
	1	0	23.78	23.78	26.79	23.86	23.71	26.80	23.69	23.86	26.79
	1	53	23.80	23.95	26.89	23.79	23.78	26.80	23.87	23.96	26.93
	1	99	23.52	23.70	26.62	23.63	23.71	26.68	23.75	23.80	26.79
	1	105	22.73	22.88	25.82	22.78	22.88	25.84	22.81	22.97	25.90
	50	0	23.54	23.86	26.71	23.57	23.97	26.78	23.78	23.95	26.88
	50	28	22.75	22.84	25.81	22.81	22.77	25.80	22.84	22.88	25.87
	50	56	22.76	22.76	25.77	22.78	22.70	25.75	22.91	22.88	25.91
	100	0	20.72	20.76	23.75	20.72	20.94	23.84	20.77	20.81	23.80
16QAM	1	0	21.75	21.85	24.81	21.58	21.75	24.68	21.92	21.97	24.96
64QAM	1	0	21.31	21.26	24.30	21.21	21.47	24.35	21.42	21.28	24.36
256QAM	1	0	19.24	19.31	22.29	19.16	19.38	22.28	19.13	19.31	22.23

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
BPSK	26.66	26.78	28.87	28.99	33.01
QPSK	23.75	26.93	25.96	29.14	33.01
16QAM	24.68	24.96	26.89	27.17	33.01
64QAM	24.3	24.36	26.51	26.57	33.01
256QAM	22.23	22.29	24.44	24.5	33.01

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

NR n2 SCS 15 kHz, PC2_MIMO, Channel Bandwidth: 25 MHz

Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)								
			CH 372500			CH 376000			CH 379500		
			1862.5 MHz			1880 MHz			1897.5 MHz		
			TX 1	TX 2	Total	TX 1	TX 2	Total	TX 1	TX 2	Total
BPSK	1	1	23.56	23.90	26.74	23.74	23.85	26.81	23.63	23.93	26.79
QPSK	1	1	22.54	22.84	25.70	22.82	22.70	25.77	22.83	22.79	25.82
	1	0	23.62	23.89	26.77	23.79	23.75	26.78	23.73	23.80	26.78
	1	67	23.81	23.78	26.81	23.86	23.95	26.92	23.87	23.97	26.93
	1	127	23.62	23.70	26.67	23.75	23.75	26.76	23.78	23.96	26.88
	1	132	22.77	22.69	25.74	22.63	22.89	25.77	22.87	22.82	25.86
	64	0	23.81	23.92	26.88	23.76	23.90	26.84	23.76	23.72	26.75
	64	35	22.66	22.89	25.79	22.81	22.85	25.84	22.71	22.85	25.79
	64	69	22.72	22.68	25.71	22.71	22.79	25.76	22.66	22.73	25.71
	128	0	20.77	20.72	23.76	20.86	20.78	23.83	20.69	20.83	23.77
16QAM	1	0	21.59	21.86	24.74	21.63	21.97	24.81	21.92	21.74	24.84
64QAM	1	0	21.29	21.30	24.31	21.20	21.44	24.33	21.22	21.25	24.25
256QAM	1	0	19.05	19.38	22.23	19.08	19.42	22.26	19.29	19.37	22.34

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
BPSK	26.74	26.81	28.95	29.02	33.01
QPSK	23.76	26.93	25.97	29.14	33.01
16QAM	24.74	24.84	26.95	27.05	33.01
64QAM	24.25	24.33	26.46	26.54	33.01
256QAM	22.23	22.34	24.44	24.55	33.01

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

NR n2 SCS 15 kHz, PC2_MIMO, Channel Bandwidth: 30 MHz

Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)								
			CH 373000			CH 376000			CH 379000		
			1865 MHz			1880 MHz			1895 MHz		
			TX 1	TX 2	Total	TX 1	TX 2	Total	TX 1	TX 2	Total
BPSK	1	1	23.66	23.72	26.7	23.79	23.88	26.85	23.73	23.96	26.86
QPSK	1	1	23.68	23.88	26.79	23.73	23.84	26.80	23.70	23.98	26.85
	1	0	22.70	22.88	25.80	22.69	22.79	25.75	22.90	22.89	25.91
	1	80	23.54	23.89	26.73	23.69	23.92	26.82	23.69	23.81	26.76
	1	158	23.63	23.70	26.68	23.59	23.83	26.72	23.81	23.87	26.85
	1	159	23.78	23.83	26.82	23.66	23.72	26.70	23.72	23.77	26.76
	80	0	22.79	22.93	25.87	22.74	22.70	25.73	22.86	22.82	25.85
	80	40	23.67	23.71	26.70	23.66	23.85	26.77	23.63	23.98	26.82
	80	80	22.61	22.68	25.66	22.59	22.97	25.79	22.80	22.89	25.86
	160	0	22.69	22.83	25.77	22.77	22.82	25.81	22.70	22.81	25.77
16QAM	1	0	21.54	21.75	24.66	21.64	21.84	24.75	21.92	21.97	24.96
64QAM	1	0	21.24	21.16	24.21	21.23	21.42	24.34	21.36	21.24	24.31
256QAM	1	0	19.07	19.28	22.19	19.23	19.44	22.35	19.18	19.37	22.29

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
BPSK	26.7	26.86	28.91	29.07	33.01
QPSK	25.66	26.85	27.87	29.06	33.01
16QAM	24.66	24.96	26.87	27.17	33.01
64QAM	24.21	24.34	26.42	26.55	33.01
256QAM	22.19	22.35	24.4	24.56	33.01

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

NR n2 SCS 15 kHz, PC2_MIMO, Channel Bandwidth: 35 MHz

Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)								
			CH 373500			CH 376000			CH 378500		
			1867.5 MHz			1880 MHz			1892.5 MHz		
			TX 1	TX 2	Total	TX 1	TX 2	Total	TX 1	TX 2	Total
BPSK	1	1	23.68	23.74	26.72	23.81	23.90	26.87	23.75	23.98	26.88
QPSK	1	1	22.65	22.67	25.67	22.73	22.70	25.73	22.86	22.79	25.84
	1	0	23.67	23.67	26.68	23.76	23.80	26.79	23.83	23.89	26.87
	1	94	23.78	23.67	26.74	23.86	23.72	26.80	23.67	23.96	26.83
	1	186	23.81	23.69	26.76	23.76	23.82	26.80	23.88	23.74	26.82
	1	187	22.53	22.91	25.73	22.75	22.80	25.79	22.72	22.96	25.85
	80	0	23.77	23.95	26.87	23.86	23.84	26.86	23.85	23.76	26.82
	94	47	22.70	22.84	25.78	22.81	22.70	25.77	22.88	22.77	25.84
	94	94	22.52	22.76	25.65	22.78	22.69	25.75	22.67	22.77	25.73
	180	0	20.65	20.72	23.70	20.82	20.92	23.88	20.79	20.81	23.81
16QAM	1	0	21.77	21.85	24.82	21.86	21.84	24.86	21.90	21.71	24.82
64QAM	1	0	21.31	21.36	24.35	21.21	21.38	24.31	21.34	21.48	24.42
256QAM	1	0	19.15	19.39	22.28	19.36	19.43	22.41	19.20	19.24	22.23

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
BPSK	26.72	26.88	28.93	29.09	33.01
QPSK	23.7	26.87	25.91	29.08	33.01
16QAM	24.82	24.86	27.03	27.07	33.01
64QAM	24.31	24.42	26.52	26.63	33.01
256QAM	22.23	22.41	24.44	24.62	33.01

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

NR n2 SCS 15 kHz, PC2_MIMO, Channel Bandwidth: 40 MHz

Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)								
			CH 374000			CH 376000			CH 378000		
			1870 MHz			1880 MHz			1890 MHz		
			TX 1	TX 2	Total	TX 1	TX 2	Total	TX 1	TX 2	Total
BPSK	1	1	23.73	23.79	26.77	23.86	23.95	26.92	23.8	24.03	26.93
QPSK	1	1	23.86	24.36	27.13	23.92	24.51	27.24	23.87	24.41	27.16
	1	0	22.75	23.17	25.98	22.88	23.26	26.08	22.77	23.08	25.94
	1	108	23.61	24.17	26.91	23.80	24.36	27.10	23.74	24.23	27.00
	1	214	23.42	23.89	26.67	23.61	24.04	26.84	23.46	23.94	26.72
	1	215	22.57	22.83	25.71	22.66	23.03	25.86	22.56	22.95	25.77
	108	0	22.72	23.21	25.98	22.86	23.41	26.15	22.67	23.36	26.04
	108	54	23.88	24.20	27.05	23.95	24.38	27.18	23.87	24.33	27.12
	108	108	22.69	23.17	25.95	22.78	23.31	26.06	22.66	23.22	25.96
	216	0	22.70	23.20	25.97	22.78	23.33	26.07	22.59	23.20	25.92
16QAM	1	0	20.99	21.36	24.19	21.08	21.55	24.33	21.01	21.38	24.21
64QAM	1	0	20.08	20.43	23.27	20.14	20.62	23.40	20.00	20.46	23.25
256QAM	1	0	17.61	17.92	20.78	17.71	18.01	20.87	17.63	17.82	20.74

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
BPSK	26.77	26.93	28.98	29.14	33.01
QPSK	25.71	27.24	27.92	29.45	33.01
16QAM	24.19	24.33	26.4	26.54	33.01
64QAM	23.25	23.4	25.46	25.61	33.01
256QAM	20.74	20.87	22.95	23.08	33.01

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

Input Power:	3.85 Vdc	Environmental Conditions:	23°C, 62% RH	Tested By:	Charles Hsiao

7.1.3 NR n5 SCS 15 kHz

NR n5 SCS 15 kHz, Channel Bandwidth: 5 MHz

Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)		
			CH 165300	CH 167300	CH 169300
			826.5 MHz	836.5 MHz	846.5 MHz
BPSK	1	1	23.81	23.90	23.89
	1	0	23.25	23.38	23.22
QPSK	1	1	23.79	23.93	23.85
	1	0	22.88	22.89	22.81
	1	13	23.94	23.94	23.87
	1	23	23.76	23.81	23.74
	1	24	22.79	22.92	22.75
	12	0	23.17	23.31	23.30
	12	7	23.65	23.79	23.73
	12	13	23.21	23.22	23.24
	25	0	23.23	23.24	23.34
16QAM	1	0	20.67	20.79	20.73
64QAM	1	0	20.71	20.73	20.74
256QAM	1	0	17.49	17.70	17.67

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum ERP (dBm)	Maximum ERP (dBm)	ERP Limit (dBm)
BPSK	23.22	23.90	22.19	22.87	38.45
QPSK	22.75	23.94	21.72	22.91	38.45
16QAM	20.67	20.79	19.64	19.76	38.45
64QAM	20.71	20.74	19.68	19.71	38.45
256QAM	17.49	17.70	16.46	16.67	38.45

Note: ERP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)-2.15

NR n5 SCS 15 kHz, Channel Bandwidth: 10 MHz

Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)		
			CH 165800	CH 167300	CH 168800
			829 MHz	836.5 MHz	844 MHz
BPSK	1	1	23.83	23.97	23.83
	1	0	23.32	23.40	23.25
QPSK	1	1	23.84	23.91	23.80
	1	0	22.83	22.93	22.91
	1	26	23.89	23.98	23.94
	1	50	23.76	23.78	23.75
	1	51	22.76	22.90	22.71
	25	0	23.22	23.33	23.28
	25	14	23.71	23.82	23.81
	25	27	23.25	23.44	23.30
	50	0	23.30	23.35	23.25
	52	0	21.31	21.28	21.29
16QAM	1	0	20.61	20.81	20.70
64QAM	1	0	20.58	20.75	20.66
256QAM	1	0	17.54	17.70	17.57

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum ERP (dBm)	Maximum ERP (dBm)	ERP Limit (dBm)
BPSK	23.25	23.97	22.22	22.94	38.45
QPSK	21.28	23.98	20.25	22.95	38.45
16QAM	20.61	20.81	19.58	19.78	38.45
64QAM	20.58	20.75	19.55	19.72	38.45
256QAM	17.54	17.70	16.51	16.67	38.45

Note: ERP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)-2.15

NR n5 SCS 15 kHz, Channel Bandwidth: 15 MHz

Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)		
			CH 166300	CH 167300	CH 168300
			831.5 MHz	836.5 MHz	841.5 MHz
BPSK	1	1	23.82	23.90	23.87
	1	0	23.26	23.33	23.29
QPSK	1	1	23.76	23.94	23.76
	1	0	22.87	22.93	22.87
	1	40	23.92	23.98	23.96
	1	77	23.73	23.82	23.73
	1	78	22.74	22.86	22.84
	36	0	23.18	23.30	23.24
	36	22	23.73	23.85	23.71
	36	43	23.38	23.44	23.34
	75	0	23.34	23.39	23.36
	79	0	21.32	21.34	21.31
16QAM	1	0	20.75	20.84	20.70
64QAM	1	0	20.67	20.75	20.64
256QAM	1	0	17.59	17.65	17.58

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum ERP (dBm)	Maximum ERP (dBm)	ERP Limit (dBm)
BPSK	23.26	23.90	22.23	22.87	38.45
QPSK	21.31	23.98	20.28	22.95	38.45
16QAM	20.70	20.84	19.67	19.81	38.45
64QAM	20.64	20.75	19.61	19.72	38.45
256QAM	17.58	17.65	16.55	16.62	38.45

Note: ERP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)-2.15

NR n5 SCS 15 kHz, Channel Bandwidth: 20 MHz

Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)		
			CH 166800	CH 167300	CH 167800
			834 MHz	836.5 MHz	839 MHz
BPSK	1	1	23.92	23.97	23.92
	1	0	23.29	23.41	23.31
QPSK	1	1	23.83	23.98	23.84
	1	0	22.89	22.99	22.91
	1	53	23.92	23.99	23.93
	1	104	23.75	23.86	23.77
	1	105	22.81	22.94	22.89
	50	0	23.24	23.39	23.24
	50	28	23.82	23.89	23.80
	50	56	23.35	23.45	23.32
	100	0	23.32	23.42	23.31
	106	0	21.37	21.33	21.26
16QAM	1	0	20.73	20.86	20.71
64QAM	1	0	20.70	20.83	20.69
256QAM	1	0	17.63	17.74	17.69

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum ERP (dBm)	Maximum ERP (dBm)	ERP Limit (dBm)
BPSK	23.29	23.97	22.26	22.94	38.45
QPSK	21.26	23.99	20.23	22.96	38.45
16QAM	20.71	20.86	19.68	19.83	38.45
64QAM	20.69	20.83	19.66	19.8	38.45
256QAM	17.63	17.74	16.6	16.71	38.45

Note: ERP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)-2.15

7.1.4 NR n7 SCS 15 kHz

NR n7 SCS 15 kHz, Channel Bandwidth: 5 MHz

Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)		
			CH 500500	CH 507000	CH 513500
			2502.5 MHz	2535 MHz	2567.5 MHz
BPSK	1	1	23.57	23.68	23.61
	1	0	23.20	23.34	23.25
QPSK	1	1	23.70	23.79	23.71
	1	0	22.73	22.80	22.77
	1	13	23.83	23.86	23.83
	1	23	23.69	23.76	23.73
	1	24	22.58	22.67	22.54
	12	0	22.68	22.83	22.77
	12	7	23.65	23.72	23.61
	12	13	22.77	22.83	22.75
	25	0	22.68	22.75	22.79
16QAM	1	0	20.78	20.93	20.77
64QAM	1	0	20.00	20.08	20.01
256QAM	1	0	17.49	17.61	17.45

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
BPSK	23.20	23.68	24.78	25.26	33.01
QPSK	22.54	23.86	24.12	25.44	33.01
16QAM	20.77	20.93	22.35	22.51	33.01
64QAM	20.00	20.08	21.58	21.66	33.01
256QAM	17.45	17.61	19.03	19.19	33.01

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

NR n7 SCS 15 kHz, Channel Bandwidth: 10 MHz

Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)		
			CH 501000	CH 507000	CH 513000
			2505 MHz	2535 MHz	2565 MHz
BPSK	1	1	23.60	23.68	23.51
	1	0	23.24	23.33	23.26
QPSK	1	1	23.71	23.78	23.73
	1	0	22.76	22.77	22.71
	1	26	23.74	23.86	23.77
	1	50	23.67	23.78	23.67
	1	51	22.57	22.69	22.62
	25	0	22.82	22.82	22.72
	25	14	23.67	23.75	23.66
	25	27	22.69	22.80	22.83
	50	0	22.69	22.77	22.67
	52	0	20.84	20.99	20.92
16QAM	1	0	20.79	20.91	20.79
64QAM	1	0	20.02	20.06	20.05
256QAM	1	0	17.56	17.64	17.47

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
BPSK	23.24	23.68	24.82	25.26	33.01
QPSK	20.84	23.86	22.42	25.44	33.01
16QAM	20.79	20.91	22.37	22.49	33.01
64QAM	20.02	20.06	21.6	21.64	33.01
256QAM	17.47	17.64	19.05	19.22	33.01

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

NR n7 SCS 15 kHz, Channel Bandwidth: 15 MHz

Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)		
			CH 501500	CH 507000	CH 512500
			2507.5 MHz	2535 MHz	2562.5 MHz
BPSK	1	1	23.58	23.68	23.65
	1	0	23.17	23.31	23.30
QPSK	1	1	23.66	23.75	23.77
	1	0	22.65	22.77	22.77
	1	40	23.82	23.85	23.74
	1	77	23.72	23.76	23.72
	1	78	22.64	22.66	22.59
	36	0	22.74	22.81	22.81
	36	22	23.65	23.75	23.60
	36	43	22.79	22.84	22.85
	75	0	22.63	22.75	22.64
	79	0	20.93	20.95	20.93
16QAM	1	0	20.82	20.94	20.89
64QAM	1	0	20.08	20.07	20.03
256QAM	1	0	17.56	17.62	17.63

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
BPSK	23.17	23.68	24.75	25.26	33.01
QPSK	20.93	23.85	22.51	25.43	33.01
16QAM	20.82	20.94	22.4	22.52	33.01
64QAM	20.03	20.08	21.61	21.66	33.01
256QAM	17.56	17.63	19.14	19.21	33.01

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

NR n7 SCS 15 kHz, Channel Bandwidth: 20 MHz

Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)		
			CH 502000	CH 507000	CH 512000
			2510 MHz	2535 MHz	2560 MHz
BPSK	1	1	23.53	23.68	23.65
	1	0	23.25	23.31	23.16
QPSK	1	1	23.75	23.80	23.73
	1	0	22.76	22.82	22.68
	1	53	23.80	23.89	23.76
	1	104	23.64	23.74	23.64
	1	105	22.62	22.66	22.67
	50	0	22.81	22.83	22.67
	50	28	23.62	23.73	23.61
	50	56	22.79	22.84	22.78
	100	0	22.70	22.76	22.65
	106	0	20.81	21.00	20.96
16QAM	1	0	20.05	20.07	20.04
64QAM	1	0	19.95	19.97	19.94
256QAM	1	0	17.59	17.60	17.56

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
BPSK	23.16	23.68	24.74	25.26	33.01
QPSK	20.81	23.89	22.39	25.47	33.01
16QAM	20.04	20.07	21.62	21.65	33.01
64QAM	19.94	19.97	21.52	21.55	33.01
256QAM	17.56	17.60	19.14	19.18	33.01

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

NR n7 SCS 15 kHz, Channel Bandwidth: 25 MHz

Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)		
			CH 502500	CH 507000	CH 511500
			2512.5 MHz	2535 MHz	2557.5 MHz
BPSK	1	1	23.59	23.64	23.57
	1	0	23.18	23.31	23.22
QPSK	1	1	23.62	23.75	23.71
	1	0	22.66	22.8	22.68
	1	67	23.8	23.87	23.83
	1	131	23.66	23.75	23.64
	1	132	22.5	22.67	22.66
	64	0	22.67	22.8	22.74
	64	35	23.57	23.7	23.61
	64	69	22.83	22.84	22.71
	128	0	22.75	22.78	22.71
	133	0	20.94	20.99	20.84
16QAM	1	0	20.94	20.95	20.79
64QAM	1	0	20.02	20.07	20.05
256QAM	1	0	17.54	17.6	17.56

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
BPSK	23.18	23.64	24.76	25.22	33.01
QPSK	20.84	23.87	22.42	25.45	33.01
16QAM	20.79	20.95	22.37	22.53	33.01
64QAM	20.02	20.07	21.6	21.65	33.01
256QAM	17.54	17.60	19.12	19.18	33.01

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

NR n7 SCS 15 kHz, Channel Bandwidth: 30 MHz

Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)		
			CH 503000	CH 507000	CH 511000
			2515 MHz	2535 MHz	2555 MHz
BPSK	1	1	23.57	23.67	23.65
	1	0	23.26	23.32	23.21
QPSK	1	1	23.74	23.76	23.72
	1	0	22.72	22.77	22.82
	1	80	23.88	23.88	23.88
	1	158	23.62	23.74	23.70
	1	159	22.56	22.69	22.59
	80	0	22.76	22.79	22.70
	80	40	23.70	23.75	23.70
	80	80	22.72	22.84	22.80
	160	0	22.74	22.74	22.64
16QAM	1	0	20.77	20.91	20.82
64QAM	1	0	20.09	20.03	20.00
256QAM	1	0	17.48	17.64	1

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
BPSK	23.21	23.67	24.79	25.25	33.01
QPSK	22.56	23.88	24.14	25.46	33.01
16QAM	20.77	20.91	22.35	22.49	33.01
64QAM	20.00	20.09	21.58	21.67	33.01
256QAM	17.48	17.64	19.06	19.22	33.01

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

NR n7 SCS 15 kHz, Channel Bandwidth: 35 MHz

Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)		
			CH 503500	CH 507000	CH 510500
			2517.5 MHz	2535 MHz	2552.5 MHz
BPSK	1	1	23.55	23.64	23.65
	1	0	23.21	23.31	23.18
QPSK	1	1	23.74	23.79	23.62
	1	0	22.68	22.81	22.76
	1	94	23.76	23.86	23.75
	1	186	23.66	23.75	23.65
	1	187	22.53	22.66	22.52
	80	0	22.73	22.83	22.81
	94	47	23.66	23.75	23.66
	94	94	22.76	22.80	22.70
	180	0	22.71	22.78	22.70
	188	0	20.87	20.99	20.94
16QAM	1	0	20.90	20.92	20.79
64QAM	1	0	20.03	20.05	20.02
256QAM	1	0	17.54	17.65	17.48

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
BPSK	23.18	23.65	24.76	25.23	33.01
QPSK	20.87	23.86	22.45	25.44	33.01
16QAM	20.79	20.92	22.37	22.5	33.01
64QAM	20.02	20.05	21.6	21.63	33.01
256QAM	17.48	17.65	19.06	19.23	33.01

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

NR n7 SCS 15 kHz, Channel Bandwidth: 40 MHz

Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)		
			CH 504000	CH 507000	CH 510000
			2520 MHz	2535 MHz	2550 MHz
BPSK	1	1	23.53	23.67	23.64
	1	0	23.20	23.31	23.15
QPSK	1	1	23.62	23.79	23.62
	1	0	22.78	22.77	22.66
	1	108	23.74	23.86	23.85
	1	214	23.73	23.75	23.64
	1	215	22.65	22.70	22.66
	108	0	22.70	22.80	22.80
	108	54	23.72	23.74	23.58
	108	108	22.79	22.80	22.76
	216	0	22.72	22.74	22.63
16QAM	1	0	20.87	20.90	20.79
64QAM	1	0	20.02	20.06	20.01
256QAM	1	0	17.46	17.61	17.49

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
BPSK	23.15	23.67	24.73	25.25	33.01
QPSK	22.63	23.86	24.21	25.44	33.01
16QAM	20.79	20.90	22.37	22.48	33.01
64QAM	20.01	20.06	21.59	21.64	33.01
256QAM	17.46	17.61	19.04	19.19	33.01

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

NR n7 SCS 15 kHz, Channel Bandwidth: 50 MHz

Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)		
			CH 505000	CH 507000	CH 509000
			2525 MHz	2535 MHz	2545 MHz
BPSK	1	1	23.63	23.73	23.72
	1	0	23.32	23.39	23.36
QPSK	1	1	23.72	23.85	23.71
	1	0	22.82	22.87	22.87
	1	135	23.90	23.94	23.82
	1	268	23.79	23.83	23.78
	1	269	22.69	22.75	22.62
	135	0	22.79	22.89	22.75
	135	68	23.66	23.80	23.77
	135	135	22.84	22.90	22.86
	270	0	22.75	22.84	22.76
16QAM	1	0	20.91	21.00	20.90
64QAM	1	0	20.01	20.03	20.06
256QAM	1	0	17.64	17.70	17.63

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
BPSK	23.32	23.73	24.9	25.31	33.01
QPSK	22.62	23.94	24.2	25.52	33.01
16QAM	20.90	21.00	22.48	22.58	33.01
64QAM	20.01	20.06	21.59	21.64	33.01
256QAM	17.63	17.70	19.21	19.28	33.01

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

7.1.5 NR n12 SCS 15 kHz

NR n12 SCS 15 kHz, Channel Bandwidth: 5 MHz

Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)		
			CH 140300	CH 141500	CH 142700
			701.5 MHz	707.5 MHz	713.5 MHz
BPSK	1	1	23.95	23.97	23.94
	1	0	23.63	23.66	23.56
QPSK	1	1	23.97	23.98	23.93
	1	0	23.14	23.11	23.19
	1	13	23.87	23.96	23.93
	1	23	23.95	23.97	23.85
	1	24	23.27	23.20	23.24
	12	0	23.25	23.26	23.22
	12	7	23.77	23.81	23.65
	12	13	23.32	23.31	23.38
	25	0	23.34	23.34	23.33
16QAM	1	0	21.20	21.24	21.18
64QAM	1	0	20.27	20.28	20.27
256QAM	1	0	17.85	17.95	17.90

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum ERP (dBm)	Maximum ERP (dBm)	ERP Limit (dBm)
BPSK	23.56	23.97	21.11	21.52	34.77
QPSK	23.11	23.98	20.66	21.53	34.77
16QAM	21.18	21.24	18.73	18.79	34.77
64QAM	20.27	20.28	17.82	17.83	34.77
256QAM	17.85	17.95	15.4	15.5	34.77

Note: ERP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)-2.15

NR n12 SCS 15 kHz, Channel Bandwidth: 10 MHz

Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)		
			CH 140800	CH 141500	CH 142200
			704 MHz	707.5 MHz	711 MHz
BPSK	1	1	23.84	23.95	23.94
	1	0	23.69	23.75	23.74
QPSK	1	1	23.87	23.97	23.92
	1	0	23.11	23.16	23.16
	1	26	23.96	23.96	23.89
	1	50	23.87	23.90	23.83
	1	51	23.25	23.28	23.21
	25	0	23.23	23.22	23.23
	25	14	23.75	23.86	23.72
	25	27	23.38	23.36	23.36
	50	0	23.39	23.22	23.26
	52	0	21.20	21.20	21.27
16QAM	1	0	21.18	21.33	21.29
64QAM	1	0	20.23	20.34	20.20
256QAM	1	0	17.92	17.95	17.91

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum ERP (dBm)	Maximum ERP (dBm)	ERP Limit (dBm)
BPSK	23.69	23.95	21.24	21.5	34.77
QPSK	21.20	23.97	18.75	21.52	34.77
16QAM	21.18	21.33	18.73	18.88	34.77
64QAM	20.20	20.34	17.75	17.89	34.77
256QAM	17.91	17.95	15.46	15.5	34.77

Note: ERP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)-2.15

NR n12 SCS 15 kHz, Channel Bandwidth: 15 MHz

Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)		
			CH 141300	CH 141500	CH 141700
			706.5 MHz	707.5 MHz	708.5 MHz
BPSK	1	1	23.95	23.98	23.97
	1	0	23.65	23.75	23.72
QPSK	1	1	23.93	23.99	23.97
	1	0	23.11	23.13	23.12
	1	40	23.90	23.96	23.93
	1	77	23.84	23.90	23.83
	1	78	23.29	23.35	23.26
	36	0	23.24	23.22	23.28
	36	22	23.79	23.86	23.78
	36	43	23.31	23.35	23.31
	75	0	23.31	23.33	23.32
	79	0	21.22	21.25	21.24
16QAM	1	0	21.32	21.33	21.29
64QAM	1	0	20.24	20.34	20.25
256QAM	1	0	17.96	17.95	17.97

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum ERP (dBm)	Maximum ERP (dBm)	ERP Limit (dBm)
BPSK	23.65	23.98	21.2	21.53	34.77
QPSK	21.22	23.99	18.77	21.54	34.77
16QAM	21.29	21.33	18.84	18.88	34.77
64QAM	20.24	20.34	17.79	17.89	34.77
256QAM	17.95	17.97	15.5	15.52	34.77

Note: ERP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)-2.15

7.1.6 NR n13 SCS 15 kHz

NR n13 SCS 15 kHz, Channel Bandwidth: 5 MHz

Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)		
			CH 155900	CH 156400	CH 156900
			779.5 MHz	782 MHz	784.5 MHz
BPSK	1	1	23.95	23.96	23.93
	1	0	23.28	23.42	23.36
QPSK	1	1	23.96	23.97	23.96
	1	0	22.94	23.00	22.94
	1	13	23.96	23.98	23.95
	1	23	23.80	23.90	23.83
	1	24	22.70	22.86	22.78
	12	0	23.03	23.06	23.07
	12	7	23.89	23.96	23.91
	12	13	23.04	23.04	23.07
	25	0	22.98	23.00	22.97
16QAM	1	0	21.01	21.15	21.11
64QAM	1	0	20.17	20.18	20.12
256QAM	1	0	17.61	17.71	17.61

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum ERP (dBm)	Maximum ERP (dBm)	ERP Limit (dBm)
BPSK	23.28	23.96	21.05	21.73	34.77
QPSK	22.70	23.98	20.47	21.75	34.77
16QAM	21.01	21.15	18.78	18.92	34.77
64QAM	20.12	20.18	17.89	17.95	34.77
256QAM	17.61	17.71	15.38	15.48	34.77

Note: ERP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)-2.15

NR n13 SCS 15 kHz, Channel Bandwidth: 10 MHz

Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)
			CH 156400
			782 MHz
BPSK	1	1	23.97
	1	0	23.52
QPSK	1	1	23.99
	1	0	23.05
	1	26	23.92
	1	50	23.90
	1	51	22.91
	25	0	23.04
	25	14	23.97
	25	27	22.81
	50	0	23.00
	52	0	21.00
16QAM	1	0	21.25
64QAM	1	0	20.26
256QAM	1	0	17.80

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum ERP (dBm)	Maximum ERP (dBm)	ERP Limit (dBm)
BPSK	23.52	23.97	21.29	21.74	34.77
QPSK	21.00	23.99	18.77	21.76	34.77
16QAM	21.25	21.25	19.02	19.02	34.77
64QAM	20.26	20.26	18.03	18.03	34.77
256QAM	17.80	17.80	15.57	15.57	34.77

Note: ERP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)-2.15

7.1.7 NR n14 SCS 15 kHz

NR n14 SCS 15 kHz, Channel Bandwidth: 5 MHz

Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)		
			CH 158100	CH 158600	CH 159100
			790.5 MHz	793 MHz	795.5 MHz
BPSK	1	1	23.88	23.93	23.89
	1	0	23.55	23.63	23.47
QPSK	1	1	23.88	23.94	23.90
	1	0	22.90	23.01	22.96
	1	13	23.93	23.93	23.88
	1	23	23.90	23.97	23.95
	1	24	22.92	22.95	22.98
	12	0	23.06	23.15	23.09
	12	7	23.95	23.96	23.93
	12	13	22.85	23.01	22.81
	25	0	22.93	22.99	22.82
16QAM	1	0	21.25	21.33	21.17
64QAM	1	0	20.30	20.32	20.32
256QAM	1	0	17.76	17.90	17.80

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum ERP (dBm)	Maximum ERP (dBm)	ERP Limit (dBm)
BPSK	23.47	23.93	21.24	21.7	34.77
QPSK	22.81	23.97	20.58	21.74	34.77
16QAM	21.17	21.33	18.94	19.1	34.77
64QAM	20.30	20.32	18.07	18.09	34.77
256QAM	17.76	17.90	15.53	15.67	34.77

Note: ERP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)-2.15

NR n14 SCS 15 kHz, Channel Bandwidth: 10 MHz

NR n14 SCS 15 kHz 5M			
Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)
			CH 158600
			793 MHz
BPSK	1	1	23.98
	1	0	23.69
QPSK	1	1	23.99
	1	0	23.11
	1	26	23.95
	1	50	23.90
	1	51	23.05
	25	0	23.23
	25	14	23.91
	25	27	23.06
	50	0	23.06
	52	0	21.10
16QAM	1	0	21.38
64QAM	1	0	20.40
256QAM	1	0	17.97

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum ERP (dBm)	Maximum ERP (dBm)	ERP Limit (dBm)
BPSK	23.69	23.98	21.46	21.75	34.77
QPSK	21.10	23.99	18.87	21.76	34.77
16QAM	21.38	21.38	19.15	19.15	34.77
64QAM	20.40	20.40	18.17	18.17	34.77
256QAM	17.97	17.97	15.74	15.74	34.77

Note: ERP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)-2.15

7.1.8 NR n25 SCS 15 kHz

NR n25 SCS 15 kHz, Channel Bandwidth: 5 MHz

Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)		
			CH 370500	CH 376500	CH 382500
			1852.5 MHz	1882.5 MHz	1912.5 MHz
BPSK	1	1	23.72	23.63	23.75
	1	0	23.38	23.22	23.38
QPSK	1	1	23.84	23.81	23.80
	1	0	22.85	22.73	22.82
	1	13	23.89	23.76	23.77
	1	23	23.90	23.70	23.72
	1	24	22.96	22.83	22.83
	12	0	22.83	22.84	22.91
	12	7	23.97	23.81	23.73
	12	13	23.06	22.88	22.82
	25	0	23.00	22.81	22.79
16QAM	1	0	21.16	21.27	21.22
64QAM	1	0	20.22	20.41	20.20
256QAM	1	0	17.93	17.96	17.98

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
BPSK	23.22	23.75	24.48	25.01	33.01
QPSK	22.73	23.97	23.99	25.23	33.01
16QAM	21.16	21.27	22.42	22.53	33.01
64QAM	20.20	20.41	21.46	21.67	33.01
256QAM	17.93	17.98	19.19	19.24	33.01

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

NR n25 SCS 15 kHz, Channel Bandwidth: 10 MHz

Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)		
			CH 371000	CH 376500	CH 382000
			1855 MHz	1882.5 MHz	1910 MHz
BPSK	1	1	23.76	23.66	23.79
	1	0	23.35	23.28	23.32
QPSK	1	1	23.73	23.70	23.72
	1	0	22.81	22.76	22.91
	1	26	23.92	23.74	23.75
	1	50	23.94	23.73	23.79
	1	51	22.98	22.80	22.75
	25	0	22.97	22.88	22.88
	25	14	23.94	23.93	23.73
	25	27	22.99	22.81	22.81
	50	0	22.89	22.86	22.75
	52	0	21.16	21.18	21.11
16QAM	1	0	21.27	21.28	21.16
64QAM	1	0	20.18	20.32	20.26
256QAM	1	0	17.92	18.06	17.99

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
BPSK	23.28	23.79	24.54	25.05	33.01
QPSK	21.11	23.94	22.37	25.2	33.01
16QAM	21.16	21.28	22.42	22.54	33.01
64QAM	20.18	20.32	21.44	21.58	33.01
256QAM	17.92	18.06	19.18	19.32	33.01

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

NR n25 SCS 15 kHz, Channel Bandwidth: 15 MHz

Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)		
			CH 371500	CH 376500	CH 381500
			1857.5 MHz	1882.5 MHz	1907.5 MHz
BPSK	1	1	23.80	23.78	23.75
	1	0	23.35	23.24	23.28
QPSK	1	1	23.78	23.80	23.70
	1	0	22.82	22.65	22.89
	1	40	23.97	23.87	23.81
	1	77	23.87	23.59	23.74
	1	78	23.04	22.77	22.84
	36	0	22.85	22.94	22.88
	36	22	23.95	23.81	23.73
	36	43	23.09	22.88	22.77
	75	0	23.02	22.75	22.73
	79	0	21.18	21.17	21.24
16QAM	1	0	21.17	21.25	21.22
64QAM	1	0	20.22	20.29	20.24
256QAM	1	0	17.85	18.05	17.92

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
BPSK	23.24	23.80	24.5	25.06	33.01
QPSK	21.17	23.97	22.43	25.23	33.01
16QAM	21.17	21.25	22.43	22.51	33.01
64QAM	20.22	20.29	21.48	21.55	33.01
256QAM	17.85	18.05	19.11	19.31	33.01

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

NR n25 SCS 15 kHz, Channel Bandwidth: 20 MHz

Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)		
			CH 372000	CH 376500	CH 381000
			1860 MHz	1882.5 MHz	1905 MHz
BPSK	1	1	23.85	23.66	23.81
	1	0	23.40	23.26	23.24
QPSK	1	1	23.75	23.79	23.70
	1	0	22.87	22.69	22.92
	1	53	23.93	23.83	23.77
	1	104	23.98	23.65	23.75
	1	105	22.98	22.85	22.83
	50	0	22.89	22.90	22.92
	50	28	23.94	23.80	23.72
	50	56	23.03	22.74	22.86
	100	0	22.99	22.77	22.75
	106	0	21.21	21.10	21.15
16QAM	1	0	21.19	21.34	21.13
64QAM	1	0	20.17	20.29	20.31
256QAM	1	0	17.90	18.04	17.87

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
BPSK	23.24	23.85	24.5	25.11	33.01
QPSK	21.10	23.98	22.36	25.24	33.01
16QAM	21.13	21.34	22.39	22.6	33.01
64QAM	20.17	20.31	21.43	21.57	33.01
256QAM	17.87	18.04	19.13	19.3	33.01

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

NR n25 SCS 15 kHz, Channel Bandwidth: 25 MHz

Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)		
			CH 372500	CH 376500	CH 380500
			1862.5 MHz	1882.5 MHz	1902.5 MHz
BPSK	1	1	23.76	23.66	23.79
	1	0	23.36	23.20	23.26
QPSK	1	1	23.83	23.69	23.76
	1	0	22.73	22.67	22.77
	1	67	23.87	23.84	23.85
	1	131	23.90	23.66	23.72
	1	132	23.00	22.79	22.84
	64	0	22.97	22.96	22.80
	64	35	23.96	23.92	23.82
	64	69	23.02	22.85	22.77
	128	0	22.90	22.90	22.73
	133	0	21.20	21.13	21.21
16QAM	1	0	21.13	21.28	21.14
64QAM	1	0	20.29	20.38	20.33
256QAM	1	0	17.95	17.98	17.94

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
BPSK	23.20	23.79	24.46	25.05	33.01
QPSK	21.13	23.96	22.39	25.22	33.01
16QAM	21.13	21.28	22.39	22.54	33.01
64QAM	20.29	20.38	21.55	21.64	33.01
256QAM	17.94	17.98	19.2	19.24	33.01

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

NR n25 SCS 15 kHz, Channel Bandwidth: 30 MHz

Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)		
			CH 373000	CH 376500	CH 380000
			1865 MHz	1882.5 MHz	1900 MHz
BPSK	1	1	23.76	23.71	23.83
	1	0	23.27	23.16	23.34
QPSK	1	1	23.81	23.80	23.85
	1	0	22.83	22.67	22.85
	1	80	23.83	23.84	23.82
	1	158	23.98	23.70	23.73
	1	159	23.03	22.83	22.78
	80	0	22.90	22.92	22.89
	80	40	23.94	23.89	23.75
	80	80	23.03	22.74	22.80
	160	0	22.89	22.88	22.73
16QAM	1	0	21.28	21.20	21.09
64QAM	1	0	20.27	20.40	20.28
256QAM	1	0	17.87	17.93	17.97

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
BPSK	23.16	23.83	24.42	25.09	33.01
QPSK	22.67	23.98	23.93	25.24	33.01
16QAM	21.09	21.28	22.35	22.54	33.01
64QAM	20.27	20.40	21.53	21.66	33.01
256QAM	17.87	17.97	19.13	19.23	33.01

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

NR n25 SCS 15 kHz, Channel Bandwidth: 35 MHz

Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)		
			CH 373500	CH 376500	CH 379500
			1867.5 MHz	1882.5 MHz	1897.5 MHz
BPSK	1	1	23.82	23.75	23.78
	1	0	23.27	23.29	23.36
QPSK	1	1	23.77	23.84	23.76
	1	0	22.84	22.69	22.81
	1	94	23.87	23.84	23.83
	1	186	23.94	23.72	23.76
	1	187	23.01	22.80	22.70
	94	0	22.87	22.81	22.84
	94	47	23.95	23.85	23.87
	94	94	23.10	22.89	22.77
	180	0	23.00	22.76	22.72
	188	0	21.24	21.24	21.12
16QAM	1	0	21.21	21.21	21.18
64QAM	1	0	20.27	20.32	20.31
256QAM	1	0	17.96	18.00	17.93

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
BPSK	23.27	23.82	24.53	25.08	33.01
QPSK	21.12	23.95	22.38	25.21	33.01
16QAM	21.18	21.21	22.44	22.47	33.01
64QAM	20.27	20.32	21.53	21.58	33.01
256QAM	17.93	18.00	19.19	19.26	33.01

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

NR n25 SCS 15 kHz, Channel Bandwidth: 40 MHz

Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)		
			CH 374000	CH 376500	CH 379000
			1870 MHz	1882.5 MHz	1895 MHz
BPSK	1	1	23.90	23.83	23.94
	1	0	23.46	23.35	23.44
QPSK	1	1	23.89	23.89	23.90
	1	0	22.92	22.85	22.97
	1	108	23.94	23.94	23.93
	1	214	23.95	23.79	23.90
	1	215	23.11	22.94	22.89
	108	0	23.02	23.01	22.98
	108	54	23.98	23.99	23.92
	108	108	23.16	22.94	22.93
	216	0	23.07	22.95	22.83
16QAM	1	0	21.04	21.11	21.08
64QAM	1	0	20.03	20.07	20.17
256QAM	1	0	17.69	17.71	17.66

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
BPSK	23.35	23.94	24.61	25.2	33.01
QPSK	22.83	23.99	24.09	25.25	33.01
16QAM	21.04	21.11	22.3	22.37	33.01
64QAM	20.03	20.17	21.29	21.43	33.01
256QAM	17.66	17.71	18.92	18.97	33.01

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

7.1.9 NR n26 SCS 15 kHz (814 MHz ~ 824 MHz)

NR n26 SCS 15 kHz (814 MHz ~ 824 MHz), Channel Bandwidth: 5 MHz

Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)		
			CH 163300	CH 163800	CH 164300
			816.5 MHz	819 MHz	821.5 MHz
BPSK	1	1	23.85	23.94	23.81
	1	0	23.50	23.56	23.47
QPSK	1	1	23.91	23.96	23.96
	1	0	23.01	23.10	23.06
	1	13	23.84	23.93	23.84
	1	23	23.79	23.93	23.82
	1	24	23.06	23.15	23.08
	12	0	23.11	23.09	23.06
	12	7	23.87	23.95	23.87
	12	13	23.19	23.30	23.19
	25	0	22.98	23.16	22.99
16QAM	1	0	21.15	21.33	21.18
64QAM	1	0	20.24	20.27	20.18
256QAM	1	0	17.79	17.96	17.95

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum ERP (dBm)	Maximum ERP (dBm)	ERP Limit (dBm)
BPSK	23.47	23.94	22.44	22.91	50
QPSK	22.98	23.96	21.95	22.93	50
16QAM	21.15	21.33	20.12	20.3	50
64QAM	20.18	20.27	19.15	19.24	50
256QAM	17.79	17.96	16.76	16.93	50

Note: ERP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)-2.15

NR n26 SCS 15 kHz (814 MHz ~ 824 MHz), Channel Bandwidth: 10 MHz

Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)
			CH 163800
			819 MHz
BPSK	1	1	23.95
	1	0	23.51
QPSK	1	1	23.95
	1	0	22.97
	1	26	23.94
	1	50	23.94
	1	51	23.09
	25	0	23.05
	25	14	23.91
	25	27	23.16
	50	0	23.01
	52	0	21.04
16QAM	1	0	21.13
64QAM	1	0	20.20
256QAM	1	0	17.89

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum ERP (dBm)	Maximum ERP (dBm)	ERP Limit (dBm)
BPSK	23.51	23.95	22.48	22.92	50
QPSK	21.04	23.95	20.01	22.92	50
16QAM	21.13	21.13	20.1	20.1	50
64QAM	20.2	20.2	19.17	19.17	50
256QAM	17.89	17.89	16.86	16.86	50

Note: ERP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)-2.15

7.1.10NR n26 SCS 15 kHz (824 MHz ~ 849 MHz)

NR n26 SCS 15 kHz (824 MHz ~ 849 MHz), Channel Bandwidth: 5 MHz

Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)		
			CH 165300	CH 167300	CH 169300
			826.5 MHz	836.5 MHz	846.5 MHz
BPSK	1	1	23.89	23.90	23.81
	1	0	23.45	23.62	23.45
QPSK	1	1	23.90	23.91	23.90
	1	0	22.95	23.09	23.01
	1	13	23.87	23.97	23.85
	1	23	23.75	23.97	23.80
	1	24	23.03	23.10	23.02
	12	0	23.02	23.09	23.05
	12	7	23.80	23.96	23.85
	12	13	23.22	23.32	23.29
	25	0	22.95	23.09	22.98
16QAM	1	0	21.24	21.25	21.15
64QAM	1	0	20.18	20.26	20.13
256QAM	1	0	17.88	17.94	17.89

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum ERP (dBm)	Maximum ERP (dBm)	ERP Limit (dBm)
BPSK	23.45	23.9	22.42	22.87	38.45
QPSK	22.95	23.97	21.92	22.94	38.45
16QAM	21.15	21.25	20.12	20.22	38.45
64QAM	20.13	20.26	19.1	19.23	38.45
256QAM	17.88	17.94	16.85	16.91	38.45

Note: ERP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)-2.15

NR n26 SCS 15 kHz (824 MHz ~ 849 MHz), Channel Bandwidth: 10 MHz

Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)		
			CH 165800	CH 167300	CH 168800
			829 MHz	836.5 MHz	844 MHz
BPSK	1	1	23.76	23.90	23.78
	1	0	23.54	23.53	23.41
QPSK	1	1	23.80	23.93	23.75
	1	0	23.00	23.11	22.99
	1	26	23.83	23.90	23.81
	1	50	23.86	23.89	23.82
	1	51	23.03	23.16	23.06
	25	0	23.09	23.13	23.06
	25	14	23.87	23.92	23.81
	25	27	23.29	23.24	23.18
	50	0	23.07	23.16	22.95
	52	0	21.14	21.25	21.16
16QAM	1	0	21.14	21.35	21.15
64QAM	1	0	20.25	20.30	20.14
256QAM	1	0	17.89	17.96	17.84

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum ERP (dBm)	Maximum ERP (dBm)	ERP Limit (dBm)
BPSK	23.41	23.9	22.38	22.87	38.45
QPSK	21.14	23.93	20.11	22.9	38.45
16QAM	21.14	21.35	20.11	20.32	38.45
64QAM	20.14	20.3	19.11	19.27	38.45
256QAM	17.84	17.96	16.81	16.93	38.45

Note: ERP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)-2.15

NR n26 SCS 15 kHz (824 MHz ~ 849 MHz), Channel Bandwidth: 15 MHz

Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)		
			CH 166300	CH 167300	CH 168300
			831.5 MHz	836.5 MHz	841.5 MHz
BPSK	1	1	23.79	23.93	23.78
	1	0	23.47	23.56	23.50
QPSK	1	1	23.88	23.94	23.82
	1	0	23.00	23.13	23.06
	1	40	23.86	23.93	23.77
	1	77	23.80	23.93	23.86
	1	78	23.01	23.13	22.99
	36	0	23.01	23.14	23.06
	36	22	23.88	23.96	23.86
	36	43	23.19	23.29	23.21
	75	0	23.03	23.14	23.08
	79	0	21.05	21.25	21.19
16QAM	1	0	21.19	21.28	21.12
64QAM	1	0	20.23	20.30	20.10
256QAM	1	0	17.89	18.01	17.86

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum ERP (dBm)	Maximum ERP (dBm)	ERP Limit (dBm)
BPSK	23.47	23.93	22.44	22.9	38.45
QPSK	21.05	23.96	20.02	22.93	38.45
16QAM	21.12	21.28	20.09	20.25	38.45
64QAM	20.1	20.3	19.07	19.27	38.45
256QAM	17.86	18.01	16.83	16.98	38.45

Note: ERP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)-2.15

NR n26 SCS 15 kHz (824 MHz ~ 849 MHz), Channel Bandwidth: 20 MHz

Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)		
			CH 166800	CH 167300	CH 167800
			834 MHz	836.5 MHz	839 MHz
BPSK	1	1	23.85	23.96	23.87
	1	0	23.53	23.63	23.55
QPSK	1	1	23.84	23.98	23.81
	1	0	23.05	23.16	23.03
	1	53	23.89	23.95	23.80
	1	104	23.85	23.95	23.80
	1	105	23.11	23.20	23.15
	50	0	23.02	23.17	23.05
	50	28	23.83	23.95	23.90
	50	56	23.24	23.34	23.21
	100	0	23.05	23.18	23.09
	106	0	21.20	21.26	21.15
16QAM	1	0	21.24	21.35	21.23
64QAM	1	0	20.23	20.34	20.23
256QAM	1	0	17.96	18.02	17.87

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum ERP (dBm)	Maximum ERP (dBm)	ERP Limit (dBm)
BPSK	23.53	23.96	22.5	22.93	38.45
QPSK	21.15	23.98	20.12	22.95	38.45
16QAM	21.23	21.35	20.2	20.32	38.45
64QAM	20.23	20.34	19.2	19.31	38.45
256QAM	17.87	18.02	16.84	16.99	38.45

Note: ERP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)-2.15

7.1.11NR n30 SCS 15 kHz

1TX

NR n30 SCS 15 kHz, Channel Bandwidth: 5 MHz

Modulation	Channel	Channel Frequency (MHz)	Field Strength (dBµV/m)	Correction Factor (dB)	EIRP (mW)	EIRP (dBm)	EIRP Limit (dBm)
BPSK	461500	2307.5	118.19	-95.26	196.336	22.93	24
	46200	2310	118.39	-95.26	205.589	23.13	24
	462500	2312.5	118.4	-95.26	206.063	23.14	24
QPSK	461500	2307.5	118.3	-95.26	201.372	23.04	24
	46200	2310	118.51	-95.26	211.349	23.25	24
	462500	2312.5	118.51	-95.26	211.349	23.25	24
16QAM	461500	2307.5	117.34	-95.26	161.436	22.08	24
	46200	2310	117.56	-95.26	169.824	22.3	24
	462500	2312.5	117.55	-95.26	169.434	22.29	24
64QAM	461500	2307.5	116.33	-95.26	127.938	21.07	24
	46200	2310	116.54	-95.26	134.276	21.28	24
	462500	2312.5	116.56	-95.26	134.896	21.3	24
256QAM	461500	2307.5	113.78	-95.26	71.121	18.52	24
	46200	2310	114.01	-95.26	74.989	18.75	24
	462500	2312.5	113.99	-95.26	74.645	18.73	24

Notes:

1. EIRP (dBm) = Field Strength (dBµV/m) + Correction Factor (dB)
2. Correction Factor (dB) = 20log(D) – 104.8; where D is the measurement distance at 3 meters.

NR n30 SCS 15 kHz, Channel Bandwidth: 10 MHz

Modulation	Channel	Channel Frequency (MHz)	Field Strength (dBµV/m)	Correction Factor (dB)	EIRP (mW)	EIRP (dBm)	EIRP Limit (dBm)
BPSK	46200	2310	118.64	-95.26	217.771	23.38	24
QPSK	46200	2310	118.72	-95.26	221.82	23.46	24
16QAM	46200	2310	117.75	-95.26	177.419	22.49	24
64QAM	46200	2310	116.75	-95.26	140.929	21.49	24
256QAM	46200	2310	114.2	-95.26	78.343	18.94	24

Notes:

1. EIRP (dBm) = Field Strength (dBµV/m) + Correction Factor (dB)
2. Correction Factor (dB) = 20log(D) – 104.8; where D is the measurement distance at 3 meters.

NR n30 SCS 15 kHz, Channel Bandwidth: 10 MHz, Output Power: dBm/5 MHz

Modulation	Channel	Channel Frequency (MHz)	Field Strength (dBµV/m)	Correction Factor (dB)	EIRP (mW)	EIRP (dBm)	EIRP Limit (dBm)
BPSK	46200	2310	118.57	-95.26	214.289	23.31	24
QPSK	46200	2310	118.62	-95.26	216.77	23.36	24
16QAM	46200	2310	117.67	-95.26	174.181	22.41	24
64QAM	46200	2310	116.68	-95.26	138.676	21.42	24
256QAM	46200	2310	114.12	-95.26	76.913	18.86	24

Notes:

1. EIRP (dBm) = Field Strength (dBµV/m) + Correction Factor (dB)
2. Correction Factor (dB) = 20log(D) – 104.8; where D is the measurement distance at 3 meters.

2TX

NR n30 SCS 15 kHz, Channel Bandwidth: 5 MHz

Modulation	Channel	Channel Frequency (MHz)	Field Strength (dBµV/m)	Correction Factor (dB)	EIRP (mW)	EIRP (dBm)	EIRP Limit (dBm)
BPSK	461500	2307.5	118.87	-95.26	229.615	23.61	24
	46200	2310	118.46	-95.26	208.93	23.2	24
	462500	2312.5	118.78	-95.26	224.905	23.52	24
QPSK	461500	2307.5	118.96	-95.26	234.423	23.7	24
	46200	2310	118.55	-95.26	213.304	23.29	24
	462500	2312.5	118.88	-95.26	230.144	23.62	24
16QAM	461500	2307.5	118.01	-95.26	188.365	22.75	24
	46200	2310	117.6	-95.26	171.396	22.34	24
	462500	2312.5	117.92	-95.26	184.502	22.66	24
64QAM	461500	2307.5	117.03	-95.26	150.314	21.77	24
	46200	2310	116.59	-95.26	135.831	21.33	24
	462500	2312.5	116.9	-95.26	145.881	21.64	24
256QAM	461500	2307.5	114.49	-95.26	83.753	19.23	24
	46200	2310	114.06	-95.26	75.858	18.8	24
	462500	2312.5	114.34	-95.26	80.91	19.08	24

Notes:

1. EIRP (dBm) = Field Strength (dBµV/m) + Correction Factor (dB)
2. Correction Factor (dB) = 20log(D) – 104.8; where D is the measurement distance at 3 meters.

NR n30 SCS 15 kHz, Channel Bandwidth: 10 MHz

Modulation	Channel	Channel Frequency (MHz)	Field Strength (dBµV/m)	Correction Factor (dB)	EIRP (mW)	EIRP (dBm)	EIRP Limit (dBm)
BPSK	46200	2310	118.92	-95.26	232.274	23.66	24
QPSK	46200	2310	119.01	-95.26	237.137	23.75	24
16QAM	46200	2310	118.06	-95.26	190.546	22.8	24
64QAM	46200	2310	117.07	-95.26	151.705	21.81	24
256QAM	46200	2310	114.53	-95.26	84.528	19.27	24

Notes:

1. EIRP (dBm) = Field Strength (dBµV/m) + Correction Factor (dB)
2. Correction Factor (dB) = 20log(D) – 104.8; where D is the measurement distance at 3 meters.

NR n30 SCS 15 kHz, Channel Bandwidth: 10 MHz, Output Power: dBm/5 MHz

Modulation	Channel	Channel Frequency (MHz)	Field Strength (dBµV/m)	Correction Factor (dB)	EIRP (mW)	EIRP (dBm)	EIRP Limit (dBm)
BPSK	46200	2310	118.84	-95.26	228.034	23.58	24
QPSK	46200	2310	118.89	-95.26	230.675	23.63	24
16QAM	46200	2310	117.98	-95.26	187.068	22.72	24
64QAM	46200	2310	116.98	-95.26	148.594	21.72	24
256QAM	46200	2310	114.44	-95.26	82.794	19.18	24

Notes:

1. EIRP (dBm) = Field Strength (dBµV/m) + Correction Factor (dB)
2. Correction Factor (dB) = 20log(D) – 104.8; where D is the measurement distance at 3 meters.

7.1.12NR n38 SCS 30 kHz

NR n38 SCS 30 kHz, Channel Bandwidth: 10 MHz

NR n38 SCS 30 kHz 15M					
Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)		
			CH 515000	CH 519000	CH 523000
			2575 MHz	2595 MHz	2615 MHz
BPSK	1	1	22.15	22.23	22.24
	1	0	21.65	21.71	21.74
QPSK	1	1	22.23	22.31	22.36
	1	0	21.08	21.16	21.26
	1	11	22.11	22.21	22.28
	1	22	22.18	22.25	22.28
	1	23	22.13	22.24	22.32
	12	0	21.10	21.15	21.29
	12	6	22.13	22.17	22.31
	12	12	21.07	21.17	21.30
	24	0	21.18	21.28	21.34
16QAM	1	0	20.05	20.26	20.23
64QAM	1	0	19.72	19.68	19.78
256QAM	1	0	17.59	17.74	17.77

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
BPSK	21.65	22.24	23.23	23.82	33.01
QPSK	21.07	22.36	22.65	23.94	33.01
16QAM	20.05	20.26	21.63	21.84	33.01
64QAM	19.68	19.78	21.26	21.36	33.01
256QAM	17.59	17.77	19.17	19.35	33.01

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

NR n38 SCS 30 kHz, Channel Bandwidth: 15 MHz

Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)		
			CH 515500	CH 519000	CH 522500
			2577.5 MHz	2595 MHz	2612.5 MHz
BPSK	1	1	22.18	22.18	22.31
	1	0	21.72	21.75	21.83
QPSK	1	1	22.24	22.33	22.34
	1	0	21.18	21.22	21.22
	1	19	22.11	22.21	22.30
	1	36	22.16	22.26	22.32
	1	37	22.17	22.19	22.26
	18	0	21.19	21.18	21.29
	18	10	22.19	22.16	22.32
	18	20	21.13	21.21	21.28
	36	0	21.18	21.29	21.32
	38	0	19.14	19.15	19.22
16QAM	1	0	20.17	20.22	20.24
64QAM	1	0	19.68	19.78	19.77
256QAM	1	0	17.65	17.70	17.73

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
BPSK	21.72	22.31	23.3	23.89	33.01
QPSK	19.14	22.34	20.72	23.92	33.01
16QAM	20.17	20.24	21.75	21.82	33.01
64QAM	19.68	19.78	21.26	21.36	33.01
256QAM	17.65	17.73	19.23	19.31	33.01

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

NR n38 SCS 30 kHz, Channel Bandwidth: 20 MHz

Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)		
			CH 516000	CH 519000	CH 522000
			2580 MHz	2595 MHz	2610 MHz
BPSK	1	1	22.11	22.20	22.29
	1	0	21.70	21.71	21.78
QPSK	1	1	22.23	22.29	22.35
	1	0	21.13	21.19	21.21
	1	26	22.10	22.18	22.26
	1	49	22.11	22.22	22.28
	1	50	22.15	22.18	22.30
	25	0	21.13	21.27	21.26
	25	13	22.15	22.27	22.24
	25	26	21.17	21.21	21.23
	50	0	21.17	21.25	21.34
	51	0	19.10	19.19	19.27
16QAM	1	0	20.11	20.18	20.35
64QAM	1	0	19.65	19.73	19.78
256QAM	1	0	17.70	17.67	17.83

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
BPSK	21.7	22.29	23.28	23.87	33.01
QPSK	19.1	22.35	20.68	23.93	33.01
16QAM	20.11	20.35	21.69	21.93	33.01
64QAM	19.65	19.78	21.23	21.36	33.01
256QAM	17.67	17.83	19.25	19.41	33.01

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

NR n38 SCS 30 kHz, Channel Bandwidth: 25 MHz

Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)		
			CH 516500	CH 519000	CH 521500
			2582.5 MHz	2595 MHz	2607.5 MHz
BPSK	1	1	22.14	22.21	22.29
	1	0	21.68	21.75	21.81
QPSK	1	1	22.22	22.31	22.35
	1	0	21.08	21.16	21.31
	1	33	22.16	22.18	22.32
	1	63	22.12	22.26	22.31
	1	64	22.10	22.21	22.33
	32	0	21.15	21.27	21.28
	32	17	22.07	22.20	22.22
	32	33	21.16	21.24	21.29
	64	0	21.17	21.27	21.32
	65	0	19.05	19.16	19.24
16QAM	1	0	20.08	20.14	20.19
64QAM	1	0	19.59	19.72	19.70
256QAM	1	0	17.69	17.67	17.74

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
BPSK	21.68	22.29	23.26	23.87	33.01
QPSK	19.05	22.35	20.63	23.93	33.01
16QAM	20.08	20.19	21.66	21.77	33.01
64QAM	19.59	19.72	21.17	21.3	33.01
256QAM	17.67	17.74	19.25	19.32	33.01

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

NR n38 SCS 30 kHz, Channel Bandwidth: 30 MHz

Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)		
			CH 517000	CH 519000	CH 521000
			2585 MHz	2595 MHz	2605 MHz
BPSK	1	1	22.10	22.27	22.26
	1	0	21.71	21.69	21.82
QPSK	1	1	22.25	22.28	22.35
	1	0	21.12	21.20	21.24
	1	39	22.19	22.27	22.27
	1	76	22.12	22.24	22.29
	1	77	22.12	22.23	22.25
	36	0	21.15	21.20	21.22
	36	21	22.09	22.22	22.23
	36	42	21.10	21.23	21.31
	75	0	21.21	21.25	21.31
	78	0	19.05	19.20	19.24
16QAM	1	0	20.15	20.14	20.29
64QAM	1	0	19.67	19.77	19.71
256QAM	1	0	17.66	17.70	17.70

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
BPSK	21.69	22.27	23.27	23.85	33.01
QPSK	19.05	22.35	20.63	23.93	33.01
16QAM	20.14	20.29	21.72	21.87	33.01
64QAM	19.67	19.77	21.25	21.35	33.01
256QAM	17.66	17.7	19.24	19.28	33.01

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

NR n38 SCS 30 kHz, Channel Bandwidth: 40 MHz

Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)		
			CH 518000	CH 519000	CH 520000
			2590 MHz	2595 MHz	2600 MHz
BPSK	1	1	22.27	22.31	22.39
	1	0	21.74	21.79	21.84
QPSK	1	1	22.35	22.43	22.49
	1	0	21.17	21.31	21.35
	1	53	22.22	22.31	22.42
	1	104	22.23	22.28	22.36
	1	105	22.28	22.37	22.39
	50	0	21.23	21.25	21.32
	50	28	22.20	22.25	22.40
	50	56	21.25	21.26	21.33
	100	0	21.32	21.35	21.44
	106	0	19.20	19.33	19.39
16QAM	1	0	20.32	20.30	20.29
64QAM	1	0	19.80	19.83	19.89
256QAM	1	0	17.76	17.76	17.87

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
BPSK	21.74	22.39	23.32	23.97	33.01
QPSK	19.2	22.49	20.78	24.07	33.01
16QAM	20.29	20.32	21.87	21.9	33.01
64QAM	19.8	19.89	21.38	21.47	33.01
256QAM	17.76	17.87	19.34	19.45	33.01

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

7.1.13NR n40 SCS 30 kHz (2.35 GHz ~ 2.36 GHz)

NR n40 SCS 30 kHz (2.35 GHz ~ 2.36 GHz), Channel Bandwidth: 10 MHz, Output Power: Full Power

Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)
			CH 471000
			2355 MHz
BPSK	1	1	22.49
	1	0	22.33
QPSK	1	1	22.50
	1	0	22.30
	1	26	22.39
	1	50	22.40
	1	51	21.88
	25	0	21.48
	25	14	21.51
	25	27	21.53
	50	0	9.70
16QAM	1	0	21.88
64QAM	1	0	21.84
256QAM	1	0	21.75

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
BPSK	22.33	22.49	23.74	23.9	23.98
QPSK	9.7	22.5	11.11	23.91	23.98
16QAM	21.88	21.88	23.29	23.29	23.98
64QAM	21.84	21.84	23.25	23.25	23.98
256QAM	21.75	21.75	23.16	23.16	23.98

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

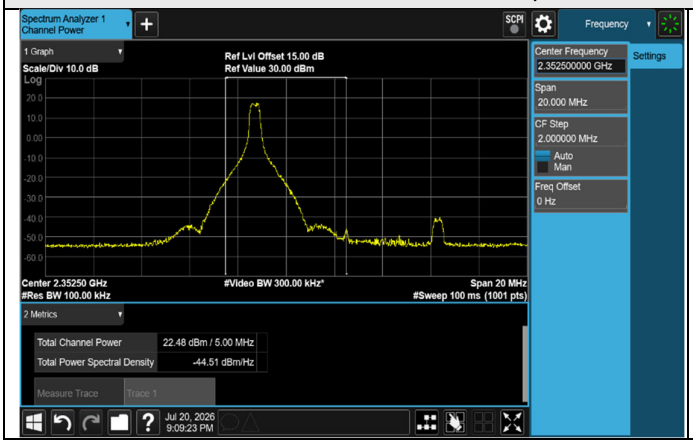
NR n40 SCS 30 kHz (2.35 GHz ~ 2.36 GHz), Channel Bandwidth: 10 MHz, Output Power: dBm/5 MHz

Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)
			CH 471000
			2355 MHz
BPSK	1	1	22.41
	1	0	22.32
QPSK	1	1	22.48
	1	0	22.26
	1	26	22.36
	1	50	22.39
	1	51	21.86
	25	0	21.43
	25	14	21.46
	25	27	21.49
	50	0	6.91
16QAM	1	0	21.86
64QAM	1	0	21.82
256QAM	1	0	21.72

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
BPSK	22.32	22.41	23.73	23.82	23.98
QPSK	6.91	22.48	8.32	23.89	23.98
16QAM	21.86	21.86	23.27	23.27	23.98
64QAM	21.82	21.82	23.23	23.23	23.98
256QAM	21.72	21.72	23.13	23.13	23.98

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

Spectrum Plot of Worst Value



7.1.14NR n41 SCS 30 kHz

NR n41 SCS 30 kHz, 1TX, Channel Bandwidth: 10 MHz

Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)		
			CH 500202	CH 518598	CH 537000
			2501.01 MHz	2592.99 MHz	2685 MHz
BPSK	1	1	25.89	25.99	26.12
	1	0	22.38	22.54	22.56
QPSK	1	1	25.99	26.09	26.17
	1	0	22.36	22.48	22.59
	1	11	25.90	26.01	26.15
	1	22	25.92	26.06	26.13
	1	23	22.42	22.51	22.57
	12	0	24.91	24.98	25.11
	12	6	25.94	25.97	26.05
	12	12	24.90	24.95	25.04
	24	0	24.95	25.10	25.16
16QAM	1	0	22.39	22.50	22.60
64QAM	1	0	21.92	21.99	22.02
256QAM	1	0	21.41	21.51	21.53

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
BPSK	22.38	26.12	23.96	27.7	33.01
QPSK	22.36	26.17	23.94	27.75	33.01
16QAM	22.39	22.6	23.97	24.18	33.01
64QAM	21.92	22.02	23.5	23.6	33.01
256QAM	21.41	21.53	22.99	23.11	33.01

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

NR n41 SCS 30 kHz, 1TX, Channel Bandwidth: 15 MHz

Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)		
			CH 500700	CH 518598	CH 536496
			2503.5 MHz	2592.99 MHz	2682.48 MHz
BPSK	1	1	25.86	26.04	26.06
	1	0	22.43	22.48	22.62
QPSK	1	1	26.01	26.13	26.20
	1	0	22.43	22.55	22.57
	1	19	25.90	26.00	26.11
	1	36	25.86	26.00	26.12
	1	37	22.40	22.55	22.65
	18	0	24.86	24.95	25.08
	18	10	25.87	26.02	26.03
	18	20	24.95	25.00	25.14
	36	0	24.96	25.10	25.15
	38	0	22.83	23.02	23.04
16QAM	1	0	22.31	22.58	22.67
64QAM	1	0	21.96	22.08	22.08
256QAM	1	0	21.46	21.44	21.52

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
BPSK	22.43	26.06	24.01	27.64	33.01
QPSK	22.4	26.2	23.98	27.78	33.01
16QAM	22.31	22.67	23.89	24.25	33.01
64QAM	21.96	22.08	23.54	23.66	33.01
256QAM	21.44	21.52	23.02	23.1	33.01

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

NR n41 SCS 30 kHz, 1TX, Channel Bandwidth: 20 MHz

Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)		
			CH 501204	CH 518598	CH 535998
			2506.02 MHz	2592.99 MHz	2679.99 MHz
BPSK	1	1	25.94	26.07	26.07
	1	0	22.42	22.55	22.61
QPSK	1	1	25.97	26.13	26.19
	1	0	22.41	22.56	22.54
	1	26	25.90	26.01	26.09
	1	49	25.88	26.04	26.14
	1	50	22.45	22.55	22.59
	25	0	24.88	24.96	25.12
	25	13	25.85	26.01	26.09
	25	26	24.94	24.97	25.11
	50	0	24.96	25.09	25.15
	51	0	22.84	22.94	23.05
16QAM	1	0	22.43	22.47	22.53
64QAM	1	0	21.84	22.05	22.11
256QAM	1	0	21.42	21.48	21.58

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
BPSK	22.42	26.07	24	27.65	33.01
QPSK	22.41	26.19	23.99	27.77	33.01
16QAM	22.43	22.53	24.01	24.11	33.01
64QAM	21.84	22.11	23.42	23.69	33.01
256QAM	21.42	21.58	23	23.16	33.01

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

NR n41 SCS 30 kHz, 1TX, Channel Bandwidth: 25 MHz

Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)		
			CH 501702	CH 518598	CH 535500
			2508.51 MHz	2592.99 MHz	2677.5 MHz
BPSK	1	1	25.78	26.00	26.05
	1	0	22.29	22.43	22.60
QPSK	1	1	25.94	26.03	26.15
	1	0	22.33	22.41	22.48
	1	33	25.79	25.91	25.99
	1	63	25.80	25.88	26.00
	1	64	22.32	22.38	22.44
	32	0	24.74	24.98	25.01
	32	17	25.82	25.96	26.03
	32	33	24.77	24.90	24.95
	64	0	24.87	24.95	25.04
	65	0	22.73	22.95	22.88
16QAM	1	0	22.29	22.47	22.60
64QAM	1	0	21.77	21.85	22.00
256QAM	1	0	21.26	21.49	21.57

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
BPSK	22.29	26.05	23.87	27.63	33.01
QPSK	22.32	26.15	23.9	27.73	33.01
16QAM	22.29	22.6	23.87	24.18	33.01
64QAM	21.77	22	23.35	23.58	33.01
256QAM	21.26	21.57	22.84	23.15	33.01

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

NR n41 SCS 30 kHz, 1TX, Channel Bandwidth: 30 MHz

Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)		
			CH 502200	CH 518598	CH 534996
			2511 MHz	2592.99 MHz	2674.98 MHz
BPSK	1	1	25.93	26.07	26.11
	1	0	22.42	22.58	22.65
QPSK	1	1	25.98	26.08	26.16
	1	0	22.36	22.50	22.53
	1	39	25.89	26.05	26.07
	1	76	25.95	26.00	26.14
	1	77	22.43	22.49	22.65
	36	0	24.94	25.02	25.12
	36	21	25.86	26.03	26.03
	36	42	24.86	25.07	25.07
	75	0	24.96	25.10	25.14
	78	0	22.91	22.95	23.05
16QAM	1	0	22.38	22.50	22.58
64QAM	1	0	21.88	22.08	22.08
256QAM	1	0	21.34	21.51	21.58

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
BPSK	22.42	26.11	24	27.69	33.01
QPSK	22.36	26.16	23.94	27.74	33.01
16QAM	22.38	22.58	23.96	24.16	33.01
64QAM	21.88	22.08	23.46	23.66	33.01
256QAM	21.34	21.58	22.92	23.16	33.01

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

NR n41 SCS 30 kHz, 1TX, Channel Bandwidth: 35 MHz

Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)		
			CH 502704	CH 518598	CH 534498
			2513.52 MHz	2592.99 MHz	2672.49 MHz
BPSK	1	1	25.75	26.00	26.05
	1	0	22.33	22.47	22.58
QPSK	1	1	25.95	26.00	26.16
	1	0	22.33	22.45	22.48
	1	46	25.76	25.98	25.98
	1	90	25.72	25.94	25.99
	1	91	22.29	22.43	22.46
	45	0	24.74	24.93	25.04
	45	24	25.81	26.00	26.06
	45	47	24.77	24.88	25.02
	90	0	24.90	25.00	25.10
	92	0	22.73	22.92	22.89
16QAM	1	0	22.31	22.44	22.53
64QAM	1	0	21.79	21.91	21.94
256QAM	1	0	21.28	21.50	21.53

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
BPSK	22.33	26.05	23.91	27.63	33.01
QPSK	22.29	26.16	23.87	27.74	33.01
16QAM	22.31	22.53	23.89	24.11	33.01
64QAM	21.79	21.94	23.37	23.52	33.01
256QAM	21.28	21.53	22.86	23.11	33.01

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

NR n41 SCS 30 kHz, 1TX, Channel Bandwidth: 40 MHz

Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)		
			CH 503202	CH 518598	CH 534000
			2516.01 MHz	2592.99 MHz	2670 MHz
BPSK	1	1	25.95	26.03	26.09
	1	0	22.45	22.50	22.58
QPSK	1	1	25.97	26.10	26.16
	1	0	22.40	22.52	22.61
	1	53	25.95	26.04	26.07
	1	104	25.94	26.01	26.06
	1	105	22.36	22.49	22.62
	50	0	24.91	25.07	25.06
	50	28	25.94	25.95	26.03
	50	56	24.84	25.04	25.10
	100	0	24.95	25.08	25.17
	106	0	22.92	23.01	23.05
16QAM	1	0	22.35	22.55	22.56
64QAM	1	0	21.81	22.06	22.05
256QAM	1	0	21.32	21.60	21.57

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
BPSK	22.45	26.09	24.03	27.67	33.01
QPSK	22.36	26.16	23.94	27.74	33.01
16QAM	22.35	22.56	23.93	24.14	33.01
64QAM	21.81	22.06	23.39	23.64	33.01
256QAM	21.32	21.6	22.9	23.18	33.01

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

NR n41 SCS 30 kHz, 1TX, Channel Bandwidth: 45 MHz

Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)		
			CH 503700	CH 518598	CH 533496
			2518.5 MHz	2592.99 MHz	2667.48 MHz
BPSK	1	1	25.74	25.97	26.02
	1	0	22.29	22.46	22.55
QPSK	1	1	25.95	26.06	26.11
	1	0	22.30	22.47	22.43
	1	59	25.75	25.99	25.99
	1	117	25.75	25.86	26.00
	1	118	22.25	22.39	22.43
	54	0	24.73	25.01	25.03
	54	33	25.81	25.96	26.00
	54	65	24.72	24.86	25.00
	108	0	24.87	24.97	25.06
	119	0	22.78	22.92	22.96
16QAM	1	0	22.29	22.44	22.54
64QAM	1	0	21.78	21.91	21.97
256QAM	1	0	21.22	21.52	21.57

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
BPSK	22.29	26.02	23.87	27.6	33.01
QPSK	22.25	26.11	23.83	27.69	33.01
16QAM	22.29	22.54	23.87	24.12	33.01
64QAM	21.78	21.97	23.36	23.55	33.01
256QAM	21.22	21.57	22.8	23.15	33.01

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

NR n41 SCS 30 kHz, 1TX, Channel Bandwidth: 50 MHz

Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)		
			CH 504204	CH 518598	CH 532998
			2521.02 MHz	2592.99 MHz	2664.99 MHz
BPSK	1	1	25.93	25.99	26.07
	1	0	22.41	22.60	22.67
QPSK	1	1	25.96	26.08	26.18
	1	0	22.37	22.57	22.58
	1	67	25.89	26.07	26.08
	1	131	25.94	26.07	26.08
	1	132	22.40	22.51	22.56
	64	0	24.94	25.02	25.06
	64	35	25.88	26.02	26.15
	64	69	24.95	25.07	25.08
	128	0	24.94	25.09	25.14
	133	0	22.87	22.97	23.02
16QAM	1	0	22.32	22.60	22.57
64QAM	1	0	21.82	21.93	22.01
256QAM	1	0	21.39	21.54	21.52

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
BPSK	22.41	26.07	23.99	27.65	33.01
QPSK	22.37	26.18	23.95	27.76	33.01
16QAM	22.32	22.6	23.9	24.18	33.01
64QAM	21.82	22.01	23.4	23.59	33.01
256QAM	21.39	21.54	22.97	23.12	33.01

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

NR n41 SCS 30 kHz, 1TX, Channel Bandwidth: 60 MHz

Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)		
			CH 505200	CH 518598	CH 531996
			2526 MHz	2592.99 MHz	2659.98 MHz
BPSK	1	1	25.87	26.00	26.09
	1	0	22.42	22.52	22.63
QPSK	1	1	26.00	26.12	26.20
	1	0	22.39	22.56	22.63
	1	81	25.94	25.98	26.09
	1	160	25.94	26.00	26.07
	1	161	22.36	22.50	22.64
	81	0	24.93	25.02	25.06
	81	41	25.93	26.03	26.08
	81	81	24.85	25.05	25.08
	162	0	24.95	25.05	25.17
16QAM	1	0	22.37	22.53	22.60
64QAM	1	0	21.84	22.10	22.16
256QAM	1	0	21.35	21.45	21.61

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
BPSK	22.42	26.09	24	27.67	33.01
QPSK	22.36	26.2	23.94	27.78	33.01
16QAM	22.37	22.6	23.95	24.18	33.01
64QAM	21.84	22.16	23.42	23.74	33.01
256QAM	21.35	21.61	22.93	23.19	33.01

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

NR n41 SCS 30 kHz, 1TX, Channel Bandwidth: 70 MHz

Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)		
			CH 506202	CH 518598	CH 531000
			2531.01 MHz	2592.99 MHz	2655 MHz
BPSK	1	1	25.96	26.08	26.17
	1	0	22.55	22.61	22.76
QPSK	1	1	26.07	26.21	26.27
	1	0	22.44	22.56	22.70
	1	95	26.02	26.16	26.16
	1	187	26.00	26.12	26.18
	1	188	22.52	22.64	22.66
	90	0	24.94	25.10	25.14
	90	50	25.98	26.08	26.16
	90	99	24.97	25.13	25.22
	180	0	25.07	25.18	25.17
	189	0	22.93	23.14	23.13
16QAM	1	0	22.56	22.59	22.67
64QAM	1	0	22.07	22.10	22.19
256QAM	1	0	21.55	21.60	21.72

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
BPSK	22.55	26.17	24.13	27.75	33.01
QPSK	22.44	26.27	24.02	27.85	33.01
16QAM	22.56	22.67	24.14	24.25	33.01
64QAM	22.07	22.19	23.65	23.77	33.01
256QAM	21.55	21.72	23.13	23.3	33.01

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

NR n41 SCS 30 kHz, 1TX, Channel Bandwidth: 80 MHz

Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)		
			CH 507204	CH 518598	CH 529998
			2536.02 MHz	2592.99 MHz	2649.99 MHz
BPSK	1	1	25.96	26.17	26.22
	1	0	22.52	22.69	22.70
QPSK	1	1	26.09	26.18	26.27
	1	0	22.48	22.66	22.74
	1	109	25.96	26.14	26.22
	1	215	26.04	26.16	26.16
	1	216	22.53	22.60	22.71
	108	0	24.93	25.14	25.15
	108	55	25.94	26.05	26.21
	108	109	24.96	25.09	25.25
	216	0	25.08	25.15	25.16
	217	0	22.92	23.12	23.11
16QAM	1	0	22.47	22.54	22.68
64QAM	1	0	21.97	22.10	22.25
256QAM	1	0	21.47	21.63	21.75

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
BPSK	22.52	26.22	24.1	27.8	33.01
QPSK	22.48	26.27	24.06	27.85	33.01
16QAM	22.47	22.68	24.05	24.26	33.01
64QAM	21.97	22.25	23.55	23.83	33.01
256QAM	21.47	21.75	23.05	23.33	33.01

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

NR n41 SCS 30 kHz, 1TX, Channel Bandwidth: 90 MHz

Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)		
			CH 508200	CH 518598	CH 528996
			2541 MHz	2592.99 MHz	2644.98 MHz
BPSK	1	1	26.02	26.12	26.22
	1	0	22.55	22.59	22.72
QPSK	1	1	26.07	26.23	26.27
	1	0	22.43	22.58	22.64
	1	123	25.96	26.16	26.16
	1	243	25.99	26.17	26.17
	1	244	22.54	22.59	22.75
	120	0	24.97	25.11	25.17
	120	63	25.94	26.05	26.23
	120	125	24.95	25.12	25.13
	243	0	25.08	25.19	25.23
	245	0	22.95	23.13	23.16
16QAM	1	0	22.58	22.68	22.62
64QAM	1	0	21.92	22.15	22.26
256QAM	1	0	21.42	21.54	21.64

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
BPSK	22.55	26.22	24.13	27.8	33.01
QPSK	22.43	26.27	24.01	27.85	33.01
16QAM	22.58	22.68	24.16	24.26	33.01
64QAM	21.92	22.26	23.5	23.84	33.01
256QAM	21.42	21.64	23	23.22	33.01

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

NR n41 SCS 30 kHz, 1TX, Channel Bandwidth: 100 MHz

Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)		
			CH 509202	CH 518598	CH 528000
			2546.01 MHz	2592.99 MHz	2640 MHz
BPSK	1	1	26.04	26.63	26.74
	1	0	22.55	23.18	23.27
QPSK	1	1	26.16	26.77	26.81
	1	0	22.53	23.19	23.24
	1	137	26.08	26.62	26.66
	1	271	26.06	26.68	26.72
	1	272	22.53	23.17	23.16
	135	0	24.98	25.62	25.68
	135	69	26.06	26.67	26.75
	135	138	25.00	25.69	25.72
	270	0	25.08	25.71	25.73
	273	0	23.04	23.66	23.61
16QAM	1	0	22.60	23.19	23.17
64QAM	1	0	22.61	23.10	23.16
256QAM	1	0	21.46	22.20	22.11

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
BPSK	22.55	26.74	24.13	28.32	33.01
QPSK	22.53	26.81	24.11	28.39	33.01
16QAM	22.6	23.19	24.18	24.77	33.01
64QAM	22.61	23.16	24.19	24.74	33.01
256QAM	21.46	22.2	23.04	23.78	33.01

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

NR n41 SCS 30 kHz, 2TX, Channel Bandwidth: 10 MHz

Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)								
			CH 500202			CH 518598			CH 537000		
			2501.01 MHz			2592.99 MHz			2685 MHz		
			TX 1	TX 2	Total	TX 1	TX 2	Total	TX 1	TX 2	Total
BPSK	1	1	24.28	24.75	27.53	24.48	25.18	27.85	24.6	25.24	27.94
QPSK	1	1	24.43	24.94	27.70	24.61	25.36	28.01	24.76	25.43	28.12
	1	0	23.32	23.92	26.64	23.64	24.16	26.92	23.56	24.50	27.07
	1	11	24.53	24.82	27.69	24.61	25.31	27.98	24.68	25.43	28.08
	1	22	24.38	24.89	27.65	24.41	25.36	27.92	24.56	25.45	28.04
	1	23	24.44	24.73	27.60	24.43	25.16	27.82	24.55	25.41	28.01
	12	0	23.38	23.96	26.69	23.42	24.22	26.85	23.72	24.60	27.19
	12	6	24.53	24.92	27.74	24.58	25.17	27.90	24.70	25.50	28.13
	12	12	23.52	23.90	26.72	23.69	24.25	26.99	23.55	24.31	26.96
	24	0	23.46	23.88	26.69	23.64	24.24	26.96	23.73	24.40	27.09
16QAM	1	0	22.42	22.96	25.71	22.60	23.37	26.01	22.61	23.38	26.02
64QAM	1	0	21.96	22.36	25.17	21.92	22.81	25.40	22.23	23.00	25.64
256QAM	1	0	19.80	20.27	23.05	19.96	20.86	23.44	20.08	20.81	23.47

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
BPSK	27.53	27.94	29.11	29.52	33.01
QPSK	26.64	28.13	28.22	29.71	33.01
16QAM	25.71	26.02	27.29	27.6	33.01
64QAM	25.17	25.64	26.75	27.22	33.01
256QAM	23.05	23.47	24.63	25.05	33.01

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

NR n41 SCS 30 kHz, 2TX, Channel Bandwidth: 15 MHz

Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)								
			CH 500700			CH 518598			CH 536496		
			2503.5 MHz			2592.99 MHz			2682.48 MHz		
			TX 1	TX 2	Total	TX 1	TX 2	Total	TX 1	TX 2	Total
BPSK	1	1	24.41	24.52	27.48	24.47	25.21	27.87	24.69	25.32	28.03
QPSK	1	1	24.52	24.69	27.62	24.65	25.33	28.01	24.81	25.45	28.15
	1	0	23.53	23.96	26.76	23.45	24.44	26.98	23.63	24.54	27.12
	1	19	24.27	24.77	27.54	24.65	25.19	27.94	24.56	25.58	28.11
	1	36	24.52	24.75	27.65	24.69	25.39	28.06	24.79	25.50	28.17
	1	37	24.38	24.70	27.55	24.41	25.35	27.92	24.61	25.47	28.07
	18	0	23.37	23.75	26.57	23.67	24.34	27.03	23.81	24.60	27.23
	18	10	24.48	24.91	27.71	24.43	25.20	27.84	24.78	25.32	28.07
	18	20	23.28	23.93	26.63	23.58	24.39	27.01	23.77	24.60	27.22
	36	0	23.36	23.96	26.68	23.69	24.16	26.94	23.79	24.60	27.22
16QAM	1	0	22.37	22.80	25.60	22.47	23.34	25.94	22.55	23.60	26.12
64QAM	1	0	21.87	22.25	25.07	22.19	22.72	25.47	22.31	23.05	25.71
256QAM	1	0	19.86	20.34	23.12	19.93	20.84	23.42	20.31	21.01	23.68

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
BPSK	27.48	28.03	29.06	29.61	33.01
QPSK	26.57	28.17	28.15	29.75	33.01
16QAM	25.6	26.12	27.18	27.7	33.01
64QAM	25.07	25.71	26.65	27.29	33.01
256QAM	23.12	23.68	24.7	25.26	33.01

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

NR n41 SCS 30 kHz, 2TX, Channel Bandwidth: 20 MHz

Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)								
			CH 501204			CH 518598			CH 535998		
			2506.02 MHz			2592.99 MHz			2679.99 MHz		
			TX 1	TX 2	Total	TX 1	TX 2	Total	TX 1	TX 2	Total
BPSK	1	1	24.23	24.63	27.44	24.46	25.05	27.78	24.39	24.48	27.45
QPSK	1	1	24.38	24.79	27.60	24.59	25.20	27.92	24.58	24.58	27.59
	1	0	23.53	23.82	26.69	23.66	24.32	27.01	23.53	23.53	26.54
	1	26	24.40	24.89	27.66	24.62	25.43	28.05	24.53	24.53	27.54
	1	49	24.29	24.77	27.55	24.50	25.41	27.99	24.72	24.72	27.73
	1	50	24.52	24.80	27.67	24.57	25.27	27.94	24.62	24.62	27.63
	25	0	23.35	23.74	26.56	23.43	24.35	26.92	23.52	23.52	26.53
	25	13	24.38	24.83	27.62	24.50	25.35	27.96	24.72	24.72	27.73
	25	26	23.33	23.77	26.57	23.67	24.25	26.98	23.76	23.76	26.77
	50	0	23.39	23.72	26.57	23.54	24.25	26.92	23.57	23.57	26.58
16QAM	1	0	22.33	22.82	25.59	22.66	23.40	26.06	22.73	22.73	25.74
64QAM	1	0	21.83	22.19	25.02	22.12	22.71	25.44	22.11	22.11	25.12
256QAM	1	0	19.92	20.46	23.21	20.19	20.81	23.52	20.25	20.25	23.26

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
BPSK	27.44	27.78	29.02	29.36	33.01
QPSK	26.53	28.05	28.11	29.63	33.01
16QAM	25.59	26.06	27.17	27.64	33.01
64QAM	25.02	25.44	26.6	27.02	33.01
256QAM	23.21	23.52	24.79	25.1	33.01

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

NR n41 SCS 30 kHz, 2TX, Channel Bandwidth: 25 MHz

Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)								
			CH 501702			CH 518598			CH 534996		
			2508.51 MHz			2592.99 MHz			2674.98 MHz		
			TX 1	TX 2	Total	TX 1	TX 2	Total	TX 1	TX 2	Total
BPSK	1	1	24.25	24.76	27.52	24.36	25.08	27.75	24.48	25.32	27.93
QPSK	1	1	24.44	24.83	27.65	24.51	25.28	27.92	24.72	25.48	28.13
	1	0	23.21	23.72	26.48	23.55	24.08	26.83	23.42	24.24	26.86
	1	33	24.11	24.74	27.45	24.52	25.23	27.90	24.35	25.37	27.90
	1	63	24.17	24.73	27.47	24.42	25.15	27.81	24.49	25.46	28.01
	1	64	24.26	24.66	27.47	24.4	25.26	27.86	24.46	25.46	28.00
	32	0	23.2	23.79	26.52	23.48	24.17	26.85	23.52	24.5	27.05
	32	17	24.13	24.66	27.41	24.45	25.21	27.86	24.52	25.2	27.88
	32	33	23.34	23.73	26.55	23.52	24.06	26.81	23.57	24.32	26.97
	64	0	23.28	23.8	26.56	23.34	24.21	26.81	23.54	24.35	26.97
16QAM	1	0	22.37	22.6	25.50	22.42	23.05	25.76	22.47	23.19	25.86
64QAM	1	0	21.79	22.13	24.97	22.06	22.7	25.40	22.05	22.92	25.52
256QAM	1	0	19.84	20.03	22.95	19.97	20.74	23.38	20.06	20.78	23.45

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
BPSK	27.52	27.93	29.1	29.51	33.01
QPSK	26.48	28.13	28.06	29.71	33.01
16QAM	25.5	25.86	27.08	27.44	33.01
64QAM	24.97	25.52	26.55	27.1	33.01
256QAM	22.95	23.45	24.53	25.03	33.01

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

NR n41 SCS 30 kHz, 2TX, Channel Bandwidth: 30 MHz

Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)								
			CH 502200			CH 518598			CH 534996		
			2511 MHz			2592.99 MHz			2674.98 MHz		
			TX 1	TX 2	Total	TX 1	TX 2	Total	TX 1	TX 2	Total
BPSK	1	1	24.25	24.63	27.45	24.5	24.98	27.76	24.51	25.42	28.00
QPSK	1	1	24.38	24.82	27.62	24.66	25.15	27.92	24.68	25.56	28.15
	1	0	23.36	23.93	26.66	23.69	24.44	27.09	23.62	24.56	27.13
	1	39	24.36	24.96	27.68	24.48	25.32	27.93	24.60	25.53	28.10
	1	76	24.51	24.85	27.69	24.40	25.20	27.83	24.61	25.55	28.12
	1	77	24.31	24.94	27.65	24.63	25.26	27.97	24.76	25.53	28.17
	36	0	23.42	23.95	26.70	23.43	24.23	26.86	23.70	24.47	27.11
	36	21	24.44	24.77	27.62	24.67	25.23	27.97	24.76	25.42	28.11
	36	42	23.37	23.89	26.65	23.52	24.19	26.88	23.55	24.31	26.96
	75	0	23.35	23.96	26.68	23.53	24.34	26.96	23.54	24.48	27.05
16QAM	1	0	22.31	22.77	25.56	22.69	23.28	26.01	22.53	23.31	25.95
64QAM	1	0	21.77	22.23	25.02	21.90	22.88	25.43	22.18	23.01	25.63
256QAM	1	0	19.91	20.19	23.06	19.90	20.70	23.33	20.22	21.10	23.69

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
BPSK	27.45	28	29.03	29.58	33.01
QPSK	26.65	28.17	28.23	29.75	33.01
16QAM	25.56	26.01	27.14	27.59	33.01
64QAM	25.02	25.63	26.6	27.21	33.01
256QAM	23.06	23.69	24.64	25.27	33.01

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

NR n41 SCS 30 kHz, 2TX, Channel Bandwidth: 35 MHz

Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)								
			CH 502704			CH 518598			CH 534498		
			2513.52 MHz			2592.99 MHz			2672.49 MHz		
			TX 1	TX 2	Total	TX 1	TX 2	Total	TX 1	TX 2	Total
BPSK	1	1	24.31	24.68	27.51	24.43	25.13	27.80	24.54	25.34	27.97
QPSK	1	1	24.41	24.79	27.61	24.51	25.27	27.92	24.7	25.5	28.13
	1	0	23.2	23.69	26.46	23.55	24.11	26.85	23.36	24.24	26.83
	1	46	24.11	24.74	27.45	24.48	25.26	27.90	24.36	25.29	27.86
	1	90	24.21	24.77	27.51	24.39	25.19	27.82	24.46	25.5	28.02
	1	91	24.24	24.67	27.47	24.37	25.24	27.84	24.47	25.43	27.99
	45	0	23.25	23.78	26.53	23.52	24.14	26.85	23.46	24.46	27.00
	45	24	24.05	24.68	27.39	24.49	25.21	27.88	24.57	25.24	27.93
	45	47	23.41	23.72	26.58	23.5	24.1	26.82	23.49	24.34	26.95
	90	0	23.23	23.78	26.52	23.34	24.24	26.82	23.57	24.41	27.02
16QAM	1	0	22.35	22.59	25.48	22.46	23.09	25.80	22.47	23.17	25.84
64QAM	1	0	21.76	22.12	24.95	22.09	22.76	25.45	22.01	22.89	25.48
256QAM	1	0	19.85	19.99	22.93	19.99	20.75	23.40	20.03	20.8	23.44

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
BPSK	27.51	27.97	29.09	29.55	33.01
QPSK	26.46	28.13	28.04	29.71	33.01
16QAM	25.48	25.84	27.06	27.42	33.01
64QAM	24.95	25.48	26.53	27.06	33.01
256QAM	22.93	23.44	24.51	25.02	33.01

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

NR n41 SCS 30 kHz, 2TX, Channel Bandwidth: 40 MHz

Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)								
			CH 503202			CH 518598			CH 534000		
			2516.01 MHz			2592.99 MHz			2670 MHz		
			TX 1	TX 2	Total	TX 1	TX 2	Total	TX 1	TX 2	Total
BPSK	1	1	24.09	24.86	27.50	24.52	25.3	27.94	24.65	25.47	28.09
QPSK	1	1	24.27	24.96	27.64	24.69	25.42	28.08	24.77	25.59	28.21
	1	0	23.50	23.89	26.71	23.47	24.44	26.99	23.81	24.49	27.17
	1	53	24.53	24.69	27.62	24.69	25.20	27.96	24.75	25.32	28.05
	1	104	24.42	24.96	27.71	24.47	25.30	27.92	24.60	25.48	28.07
	1	105	24.38	24.84	27.63	24.49	25.25	27.90	24.81	25.32	28.08
	50	0	23.40	23.77	26.60	23.65	24.44	27.07	23.81	24.34	27.09
	50	28	24.41	24.70	27.57	24.50	25.19	27.87	24.62	25.38	28.03
	50	56	23.32	23.73	26.54	23.58	24.26	26.94	23.72	24.36	27.06
	100	0	23.32	23.74	26.55	23.62	24.32	26.99	23.63	24.37	27.03
16QAM	1	0	22.52	22.96	25.76	22.55	23.43	26.02	22.61	23.58	26.13
64QAM	1	0	21.76	22.30	25.05	22.04	22.83	25.46	22.31	23.05	25.71
256QAM	1	0	19.99	20.45	23.24	19.90	20.76	23.36	20.22	20.83	23.55

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
BPSK	27.5	28.09	29.08	29.67	33.01
QPSK	26.54	28.21	28.12	29.79	33.01
16QAM	25.76	26.13	27.34	27.71	33.01
64QAM	25.05	25.71	26.63	27.29	33.01
256QAM	23.24	23.55	24.82	25.13	33.01

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

NR n41 SCS 30 kHz, 2TX, Channel Bandwidth: 45 MHz

Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)								
			CH 503700			CH 518598			CH 533496		
			2518.5 MHz			2592.99 MHz			2667.48 MHz		
			TX 1	TX 2	Total	TX 1	TX 2	Total	TX 1	TX 2	Total
BPSK	1	1	24.32	24.67	27.51	24.44	25.1	27.79	24.47	25.37	27.95
QPSK	1	1	24.39	24.84	27.63	24.51	25.29	27.93	24.69	25.46	28.10
	1	0	23.19	23.7	26.46	23.47	24.07	26.79	23.41	24.25	26.86
	1	59	24.13	24.72	27.45	24.52	25.26	27.92	24.36	25.28	27.85
	1	117	24.23	24.75	27.51	24.42	25.13	27.80	24.47	25.47	28.01
	1	118	24.2	24.67	27.45	24.34	25.21	27.81	24.43	25.41	27.96
	54	0	23.26	23.78	26.54	23.52	24.19	26.88	23.47	24.47	27.01
	54	33	24.05	24.7	27.40	24.46	25.22	27.87	24.57	25.22	27.92
	54	65	23.41	23.77	26.60	23.49	24.02	26.77	23.57	24.3	26.96
	108	0	23.26	23.77	26.53	23.34	24.26	26.83	23.58	24.37	27.00
16QAM	1	0	22.37	22.56	25.48	22.44	23.1	25.79	22.53	23.19	25.88
64QAM	1	0	21.72	22.13	24.94	22.01	22.74	25.40	22.02	22.97	25.53
256QAM	1	0	19.82	20.02	22.93	20	20.75	23.40	20.06	20.86	23.49

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
BPSK	27.51	27.95	29.09	29.53	33.01
QPSK	26.46	28.1	28.04	29.68	33.01
16QAM	25.48	25.88	27.06	27.46	33.01
64QAM	24.94	25.53	26.52	27.11	33.01
256QAM	22.93	23.49	24.51	25.07	33.01

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

NR n41 SCS 30 kHz, 2TX, Channel Bandwidth: 50 MHz

Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)								
			CH 504204			CH 518598			CH 532998		
			2521.02 MHz			2592.99 MHz			2664.99 MHz		
			TX 1	TX 2	Total	TX 1	TX 2	Total	TX 1	TX 2	Total
BPSK	1	1	24.19	24.77	27.50	24.54	25.14	27.86	24.39	25.47	27.97
QPSK	1	1	24.33	24.95	27.66	24.66	25.25	27.98	24.52	25.60	28.10
	1	0	23.29	23.96	26.65	23.60	24.23	26.94	23.65	24.31	27.00
	1	67	24.39	24.75	27.58	24.69	25.22	27.97	24.73	25.57	28.18
	1	131	24.26	24.85	27.58	24.43	25.40	27.95	24.61	25.32	27.99
	1	132	24.30	24.80	27.57	24.47	25.44	27.99	24.75	25.60	28.21
	64	0	23.45	23.87	26.68	23.63	24.24	26.96	23.64	24.52	27.11
	64	35	24.44	24.96	27.72	24.50	25.22	27.89	24.59	25.47	28.06
	64	69	23.28	23.93	26.63	23.64	24.35	27.02	23.75	24.58	27.20
	128	0	23.53	23.86	26.71	23.55	24.44	27.03	23.58	24.31	26.97
16QAM	1	0	22.43	22.95	25.71	22.50	23.19	25.87	22.75	23.36	26.08
64QAM	1	0	22.02	22.45	25.25	21.91	22.73	25.35	22.18	23.04	25.64
256QAM	1	0	20.00	20.24	23.13	20.01	20.81	23.44	20.04	20.94	23.52

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
BPSK	27.5	27.97	29.08	29.55	33.01
QPSK	26.63	28.21	28.21	29.79	33.01
16QAM	25.71	26.08	27.29	27.66	33.01
64QAM	25.25	25.64	26.83	27.22	33.01
256QAM	23.13	23.52	24.71	25.1	33.01

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

NR n41 SCS 30 kHz, 2TX, Channel Bandwidth: 60 MHz

Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)								
			CH 505200			CH 518598			CH 531996		
			2526 MHz			2592.99 MHz			2659.98 MHz		
			TX 1	TX 2	Total	TX 1	TX 2	Total	TX 1	TX 2	Total
BPSK	1	1	24.1	24.79	27.47	24.28	25.2	27.77	24.58	25.47	28.06
QPSK	1	1	24.27	24.96	27.64	24.45	25.36	27.94	24.68	25.60	28.17
	1	0	23.53	23.88	26.72	23.64	24.22	26.95	23.58	24.59	27.12
	1	81	24.48	24.73	27.62	24.60	25.40	28.03	24.53	25.58	28.10
	1	160	24.28	24.89	27.61	24.66	25.29	28.00	24.79	25.34	28.08
	1	161	24.30	24.96	27.65	24.67	25.20	27.95	24.70	25.56	28.16
	81	0	23.49	23.85	26.68	23.69	24.23	26.98	23.65	24.49	27.10
	81	41	24.48	24.88	27.69	24.48	25.18	27.85	24.59	25.38	28.01
	81	81	23.33	23.80	26.58	23.44	24.37	26.94	23.80	24.53	27.19
	162	0	23.29	23.76	26.54	23.46	24.27	26.89	23.68	24.60	27.17
16QAM	1	0	22.48	22.71	25.61	22.42	23.20	25.84	22.57	23.40	26.02
64QAM	1	0	21.96	22.21	25.10	21.94	22.87	25.44	22.25	23.10	25.71
256QAM	1	0	19.95	20.22	23.10	20.13	20.84	23.51	20.05	20.91	23.51

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
BPSK	27.47	28.06	29.05	29.64	33.01
QPSK	26.54	28.17	28.12	29.75	33.01
16QAM	25.61	26.02	27.19	27.6	33.01
64QAM	25.1	25.71	26.68	27.29	33.01
256QAM	23.1	23.51	24.68	25.09	33.01

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

NR n41 SCS 30 kHz, 2TX, Channel Bandwidth: 70 MHz

Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)								
			CH 506202			CH 518598			CH 531000		
			2531.01 MHz			2592.99 MHz			2655 MHz		
			TX 1	TX 2	Total	TX 1	TX 2	Total	TX 1	TX 2	Total
BPSK	1	1	24.2	24.7	27.47	24.4	25.02	27.73	24.39	25.36	27.91
QPSK	1	1	24.37	24.85	27.63	24.51	25.20	27.88	24.55	25.49	28.06
	1	0	23.42	23.92	26.69	23.44	24.18	26.84	23.56	24.33	26.97
	1	95	24.28	24.92	27.62	24.63	25.29	27.98	24.57	25.37	28.00
	1	187	24.32	24.72	27.53	24.48	25.15	27.84	24.68	25.54	28.14
	1	188	24.43	24.88	27.67	24.44	25.34	27.92	24.73	25.58	28.19
	90	0	23.41	23.91	26.68	23.63	24.36	27.02	23.53	24.54	27.07
	90	50	24.40	24.69	27.56	24.63	25.37	28.03	24.76	25.36	28.08
	90	99	23.32	23.71	26.53	23.48	24.32	26.93	23.81	24.43	27.14
	180	0	23.25	23.76	26.52	23.65	24.22	26.95	23.77	24.59	27.21
16QAM	1	0	22.26	22.82	25.56	22.42	23.16	25.82	22.57	23.45	26.04
64QAM	1	0	21.74	22.46	25.13	22.06	22.91	25.52	22.06	23.08	25.61
256QAM	1	0	19.85	20.20	23.04	20.17	20.76	23.49	20.15	21.03	23.62

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
BPSK	27.47	27.91	29.05	29.49	33.01
QPSK	26.52	28.19	28.1	29.77	33.01
16QAM	25.56	26.04	27.14	27.62	33.01
64QAM	25.13	25.61	26.71	27.19	33.01
256QAM	23.04	23.62	24.62	25.2	33.01

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

NR n41 SCS 30 kHz, 2TX, Channel Bandwidth: 80 MHz

Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)								
			CH 507204			CH 518598			CH 529998		
			2536.02 MHz			2592.99 MHz			2649.99 MHz		
			TX 1	TX 2	Total	TX 1	TX 2	Total	TX 1	TX 2	Total
BPSK	1	1	24.15	24.48	27.33	24.39	25.23	27.84	24.42	25.35	27.92
QPSK	1	1	24.29	24.67	27.49	24.49	25.41	27.98	24.59	25.52	28.09
	1	0	23.53	23.85	26.70	23.50	24.33	26.95	23.76	24.59	27.21
	1	109	24.47	24.93	27.72	24.65	25.22	27.95	24.80	25.39	28.12
	1	215	24.53	24.90	27.73	24.60	25.42	28.04	24.64	25.52	28.11
	1	216	24.42	24.96	27.71	24.69	25.40	28.07	24.75	25.36	28.08
	108	0	23.38	23.79	26.60	23.50	24.44	27.01	23.66	24.50	27.11
	108	55	24.44	24.89	27.68	24.53	25.30	27.94	24.54	25.58	28.10
	108	109	23.35	23.74	26.56	23.67	24.19	26.95	23.52	24.34	26.96
	216	0	23.42	23.79	26.62	23.43	24.27	26.88	23.60	24.40	27.03
16QAM	1	0	22.41	22.69	25.56	22.57	23.36	25.99	22.69	23.34	26.04
64QAM	1	0	22.03	22.17	25.11	21.98	22.83	25.44	22.03	23.08	25.60
256QAM	1	0	19.92	20.32	23.13	19.99	20.92	23.49	20.27	20.88	23.60

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
BPSK	27.33	27.92	28.91	29.5	33.01
QPSK	26.56	28.12	28.14	29.7	33.01
16QAM	25.56	26.04	27.14	27.62	33.01
64QAM	25.11	25.6	26.69	27.18	33.01
256QAM	23.13	23.6	24.71	25.18	33.01

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

NR n41 SCS 30 kHz, 2TX, Channel Bandwidth: 90 MHz

Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)								
			CH 508200			CH 518598			CH 528996		
			2541 MHz			2592.99 MHz			2644.98 MHz		
			TX 1	TX 2	Total	TX 1	TX 2	Total	TX 1	TX 2	Total
BPSK	1	1	24.29	24.64	27.48	24.25	25.23	27.78	24.4	25.41	27.94
QPSK	1	1	24.40	24.76	27.59	24.41	25.39	27.94	24.57	25.55	28.10
	1	0	23.28	23.68	26.49	23.54	24.25	26.92	23.74	24.53	27.16
	1	123	24.35	24.76	27.57	24.51	25.32	27.94	24.64	25.60	28.16
	1	243	24.30	24.67	27.50	24.60	25.33	27.99	24.59	25.33	27.99
	1	244	24.53	24.95	27.76	24.45	25.41	27.97	24.79	25.60	28.22
	120	0	23.28	23.70	26.51	23.66	24.33	27.02	23.71	24.35	27.05
	120	63	24.37	24.78	27.59	24.63	25.36	28.02	24.58	25.60	28.13
	120	125	23.27	23.96	26.64	23.49	24.30	26.92	23.71	24.55	27.16
	243	0	23.27	23.78	26.54	23.57	24.17	26.89	23.58	24.49	27.07
16QAM	1	0	22.24	22.82	25.55	22.55	23.24	25.92	22.63	23.33	26.00
64QAM	1	0	21.86	22.39	25.14	21.94	22.72	25.36	22.08	22.98	25.56
256QAM	1	0	20.00	20.46	23.25	19.99	20.86	23.46	20.30	20.91	23.63

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
BPSK	27.48	27.94	29.06	29.52	33.01
QPSK	26.49	28.22	28.07	29.8	33.01
16QAM	25.55	26	27.13	27.58	33.01
64QAM	25.14	25.56	26.72	27.14	33.01
256QAM	23.25	23.63	24.83	25.21	33.01

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

NR n41 SCS 30 kHz, 2TX, Channel Bandwidth: 100 MHz

Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)								
			CH 509202			CH 518598			CH 528000		
			2546.01 MHz			2592.99 MHz			2640 MHz		
			TX 1	TX 2	Total	TX 1	TX 2	Total	TX 1	TX 2	Total
BPSK	1	1	24.44	24.86	27.67	24.54	25.26	27.93	24.66	25.51	28.12
QPSK	1	1	24.54	24.97	27.77	24.70	25.45	28.10	24.82	25.61	28.24
	1	0	23.31	23.84	26.59	23.65	24.21	26.95	23.52	24.43	27.01
	1	137	24.28	24.91	27.62	24.66	25.41	28.06	24.52	25.47	28.03
	1	271	24.34	24.88	27.63	24.57	25.31	27.97	24.59	25.60	28.13
	1	272	24.39	24.81	27.62	24.51	25.38	27.98	24.57	25.56	28.10
	135	0	23.38	23.96	26.69	23.65	24.31	27.00	23.65	24.60	27.16
	135	69	24.24	24.82	27.55	24.59	25.32	27.98	24.68	25.34	28.03
	135	138	23.52	23.90	26.72	23.67	24.20	26.95	23.67	24.49	27.11
	270	0	23.40	23.95	26.69	23.50	24.38	26.97	23.73	24.52	27.15
16QAM	1	0	22.47	22.7	25.60	22.61	23.2	25.93	22.66	23.35	26.03
64QAM	1	0	21.91	22.28	25.11	22.19	22.89	25.56	22.2	23.07	25.67
256QAM	1	0	19.96	20.18	23.08	20.11	20.88	23.52	20.18	20.96	23.60

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
BPSK	27.67	28.12	29.25	29.7	33.01
QPSK	26.59	28.24	28.17	29.82	33.01
16QAM	25.6	26.03	27.18	27.61	33.01
64QAM	25.11	25.67	26.69	27.25	33.01
256QAM	23.08	23.6	24.66	25.18	33.01

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

7.1.15NR n66 SCS 15 kHz

1TX

NR n66 SCS 15 kHz (1TX), Channel Bandwidth: 5 MHz

NR n66 SCS 15 kHz 5M					
Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)		
			CH 342500	CH 349000	CH 355500
			1712.5 MHz	1745 MHz	1777.5 MHz
BPSK	1	1	23.82	23.92	23.80
	1	0	23.15	23.18	23.11
QPSK	1	1	23.88	23.95	23.96
	1	0	22.95	23.00	22.93
	1	13	23.83	23.85	23.82
	1	23	23.97	23.94	23.86
	1	24	23.03	23.05	22.96
	12	0	22.94	23.17	23.06
	12	7	23.82	23.90	23.86
	12	13	22.98	22.98	22.99
	25	0	22.99	23.07	22.91
16QAM	1	0	21.08	21.15	21.16
64QAM	1	0	20.13	20.20	20.14
256QAM	1	0	17.57	17.65	17.51

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
BPSK	23.11	23.92	24.25	25.06	30
QPSK	22.91	23.97	24.05	25.11	30
16QAM	21.08	21.16	22.22	22.3	30
64QAM	20.13	20.2	21.27	21.34	30
256QAM	17.51	17.65	18.65	18.79	30

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

NR n66 SCS 15 kHz (1TX), Channel Bandwidth: 10 MHz

NR n66 SCS 15 kHz 10M					
Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)		
			CH 343000	CH 349000	CH 355000
			1715 MHz	1745 MHz	1775 MHz
BPSK	1	1	23.75	23.95	23.78
	1	0	23.20	23.22	23.14
QPSK	1	1	23.96	23.95	23.87
	1	0	22.92	23.08	22.88
	1	26	23.78	23.93	23.76
	1	50	23.93	23.98	23.95
	1	51	22.93	23.15	22.90
	25	0	22.99	23.10	23.12
	25	14	23.90	23.95	23.83
	25	27	22.89	22.99	22.89
	50	0	22.96	23.07	23.00
	52	0	21.07	21.07	20.93
16QAM	1	0	21.06	21.13	21.11
64QAM	1	0	20.00	20.20	20.14
256QAM	1	0	17.54	17.64	17.47

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
BPSK	23.14	23.95	24.28	25.09	30
QPSK	20.93	23.98	22.07	25.12	30
16QAM	21.06	21.13	22.2	22.27	30
64QAM	20	20.2	21.14	21.34	30
256QAM	17.47	17.64	18.61	18.78	30

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

NR n66 SCS 15 kHz (1TX), Channel Bandwidth: 15 MHz

NR n66 SCS 15 kHz 15M					
Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)		
			CH 343500	CH 349000	CH 354500
			1717.5 MHz	1745 MHz	1772.5 MHz
BPSK	1	1	23.88	23.92	23.76
	1	0	23.10	23.26	23.16
QPSK	1	1	23.93	23.95	23.96
	1	0	23.00	23.01	22.88
	1	40	23.80	23.91	23.82
	1	77	23.89	23.89	23.98
	1	78	23.06	23.14	23.02
	36	0	23.01	23.08	23.12
	36	22	23.88	23.94	23.92
	36	43	22.92	23.00	22.93
	75	0	22.94	23.11	22.94
	79	0	21.01	21.10	20.97
16QAM	1	0	21.06	21.16	21.10
64QAM	1	0	20.15	20.22	20.03
256QAM	1	0	17.53	17.66	17.47

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
BPSK	23.1	23.92	24.24	25.06	30
QPSK	20.97	23.98	22.11	25.12	30
16QAM	21.06	21.16	22.2	22.3	30
64QAM	20.03	20.22	21.17	21.36	30
256QAM	17.47	17.66	18.61	18.8	30

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

NR n66 SCS 15 kHz (1TX), Channel Bandwidth: 20 MHz

NR n66 SCS 15 kHz 20M					
Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)		
			CH 344000	CH 349000	CH 354000
			1720 MHz	1745 MHz	1770 MHz
BPSK	1	1	23.87	23.90	23.90
	1	0	23.11	23.16	23.16
QPSK	1	1	23.97	23.96	23.87
	1	0	22.89	22.99	22.93
	1	53	23.81	23.86	23.74
	1	104	23.97	23.91	23.95
	1	105	23.03	23.09	23.05
	50	0	23.06	23.15	23.03
	50	28	23.93	23.92	23.83
	50	56	22.97	22.98	22.90
	100	0	22.94	23.06	22.98
	106	0	21.02	21.08	21.06
16QAM	1	0	21.01	21.14	21.01
64QAM	1	0	19.99	20.18	20.11
256QAM	1	0	17.60	17.71	17.55

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
BPSK	23.11	23.9	24.25	25.04	30
QPSK	21.02	23.97	22.16	25.11	30
16QAM	21.01	21.14	22.15	22.28	30
64QAM	19.99	20.18	21.13	21.32	30
256QAM	17.55	17.71	18.69	18.85	30

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

NR n66 SCS 15 kHz (1TX), Channel Bandwidth: 25 MHz

NR n66 SCS 15 kHz 25M					
Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)		
			CH 344500	CH 349000	CH 353500
			1722.5 MHz	1745 MHz	1767.5 MHz
BPSK	1	1	23.77	23.97	23.81
	1	0	23.19	23.24	23.17
QPSK	1	1	23.96	23.98	23.93
	1	0	22.98	23.05	22.93
	1	67	23.75	23.85	23.77
	1	131	23.95	23.96	23.92
	1	132	23.01	23.06	23.02
	64	0	23.02	23.08	23.00
	64	35	23.81	23.95	23.87
	64	69	22.85	23.05	22.97
	128	0	23.00	23.12	22.94
	133	0	21.02	21.11	21.04
16QAM	1	0	21.05	21.13	21.10
64QAM	1	0	20.09	20.16	20.08
256QAM	1	0	17.50	17.69	17.61

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
BPSK	23.17	23.97	24.31	25.11	30
QPSK	21.02	23.98	22.16	25.12	30
16QAM	21.05	21.13	22.19	22.27	30
64QAM	20.08	20.16	21.22	21.3	30
256QAM	17.5	17.69	18.64	18.83	30

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

NR n66 SCS 15 kHz (1TX), Channel Bandwidth: 30 MHz

NR n66 SCS 15 kHz 30M					
Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)		
			CH 345000	CH 349000	CH 353000
			1725 MHz	1745 MHz	1765 MHz
BPSK	1	1	23.74	23.95	23.78
	1	0	23.16	23.23	23.18
QPSK	1	1	23.96	23.96	23.97
	1	0	22.94	23.05	22.88
	1	80	23.82	23.86	23.77
	1	158	23.95	23.97	23.93
	1	159	23.01	23.13	23.01
	80	0	23.02	23.10	23.03
	80	40	23.86	23.96	23.85
	80	80	22.87	22.98	22.99
	160	0	22.94	23.06	22.97
16QAM	1	0	21.00	21.13	21.02
64QAM	1	0	20.05	20.13	20.05
256QAM	1	0	17.55	17.70	17.51

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
BPSK	23.16	23.95	24.3	25.09	30
QPSK	22.87	23.97	24.01	25.11	30
16QAM	21	21.13	22.14	22.27	30
64QAM	20.05	20.13	21.19	21.27	30
256QAM	17.51	17.7	18.65	18.84	30

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

NR n66 SCS 15 kHz (1TX), Channel Bandwidth: 35 MHz

NR n66 SCS 15 kHz 35M					
Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)		
			CH 346500	CH 349000	CH 351500
			1732.5 MHz	1745 MHz	1757.5 MHz
BPSK	1	1	23.74	23.96	23.79
	1	0	23.16	23.17	23.14
QPSK	1	1	23.92	23.97	23.90
	1	0	22.94	23.04	22.97
	1	94	23.73	23.85	23.75
	1	186	23.89	23.90	23.93
	1	187	22.93	23.10	22.90
	80	0	23.00	23.09	23.00
	94	47	23.81	23.94	23.93
	94	94	22.96	23.06	22.98
	180	0	23.01	23.07	22.95
	188	0	21.09	21.10	20.92
16QAM	1	0	21.14	21.22	21.14
64QAM	1	0	20.14	20.18	20.04
256QAM	1	0	17.50	17.70	17.54

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
BPSK	23.14	23.96	24.28	25.1	30
QPSK	20.92	23.97	22.06	25.11	30
16QAM	21.14	21.22	22.28	22.36	30
64QAM	20.04	20.18	21.18	21.32	30
256QAM	17.5	17.7	18.64	18.84	30

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

NR n66 SCS 15 kHz (1TX), Channel Bandwidth: 40 MHz

NR n66 SCS 15 kHz 40M					
Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)		
			CH 346000	CH 349000	CH 352000
			1730 MHz	1745 MHz	1760 MHz
BPSK	1	1	23.83	23.95	23.79
	1	0	23.16	23.19	23.19
QPSK	1	1	23.93	23.96	23.87
	1	0	23.01	23.01	22.97
	1	108	23.78	23.95	23.84
	1	214	23.94	23.98	23.88
	1	215	23.07	23.06	23.01
	108	0	23.02	23.13	22.96
	108	54	23.88	23.98	23.88
	108	108	22.97	23.00	22.87
	216	0	22.96	23.07	22.91
16QAM	1	0	21.13	21.21	21.15
64QAM	1	0	20.06	20.23	20.09
256QAM	1	0	17.63	17.67	17.62

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
BPSK	23.16	23.95	24.3	25.09	30
QPSK	22.87	23.98	24.01	25.12	30
16QAM	21.13	21.21	22.27	22.35	30
64QAM	20.06	20.23	21.2	21.37	30
256QAM	17.62	17.67	18.76	18.81	30

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

NR n66 SCS 15 kHz (1TX), Channel Bandwidth: 45 MHz

NR n66 SCS 15 kHz 45M					
Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)		
			CH 346500	CH 349000	CH 351500
			1732.5 MHz	1745 MHz	1757.5 MHz
BPSK	1	1	23.89	23.97	23.84
	1	0	23.14	22.16	23.17
QPSK	1	1	23.95	23.99	23.93
	1	0	22.99	23.09	22.96
	1	120	23.90	23.95	23.88
	1	240	23.98	23.95	23.94
	1	241	23.10	23.15	23.01
	120	0	23.10	23.17	23.03
	120	60	23.92	23.97	23.91
	120	120	22.98	23.07	22.96
	240	0	23.09	23.16	23.10
	242	0	21.01	21.15	21.06
16QAM	1	0	21.13	21.23	21.18
64QAM	1	0	20.17	20.23	20.18
256QAM	1	0	17.62	17.71	17.63

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
BPSK	22.16	23.97	23.3	25.11	30
QPSK	21.01	23.99	22.15	25.13	30
16QAM	21.13	21.23	22.27	22.37	30
64QAM	20.17	20.23	21.31	21.37	30
256QAM	17.62	17.71	18.76	18.85	30

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

2TX

NR n66 SCS 15 kHz, PC2_MIMO, Channel Bandwidth: 5 MHz

NR n66 SCS 15 kHz 10M											
Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)								
			CH 342500			CH 349000			CH 355500		
			1712.5 MHz			1745 MHz			1777.5 MHz		
			TX 1	TX 2	Total	TX 1	TX 2	Total	TX 1	TX 2	Total
BPSK	1	1	23.55	24.1	26.84	23.76	24.13	26.96	23.92	24.1	27.02
QPSK	1	1	22.99	24.09	26.59	23.31	24.15	26.76	23.31	24.39	26.89
	1	0	19.91	21.18	23.60	20.21	21.30	23.80	20.49	21.25	23.90
	1	13	23.18	24.15	26.70	23.47	24.27	26.90	23.56	24.25	26.93
	1	23	23.88	24.33	27.12	24.04	24.57	27.32	24.19	24.39	27.3
	1	24	20.46	21.11	23.81	20.78	21.03	23.92	20.91	20.95	23.94
	12	0	21.80	22.65	25.26	21.98	22.80	25.42	21.89	22.80	25.38
	12	7	23.33	24.18	26.79	23.53	24.33	26.96	23.57	24.17	26.89
	12	13	21.98	22.76	25.40	22.20	22.82	25.53	22.23	22.63	25.44
	25	0	21.86	22.79	25.36	21.97	22.85	25.44	22.19	22.70	25.46
16QAM	1	0	20.36	21.30	23.87	20.51	21.45	24.02	20.59	21.46	24.06
64QAM	1	0	20.24	21.27	23.80	20.23	21.31	23.81	20.43	21.25	23.87
256QAM	1	0	18.40	19.46	21.97	18.30	19.33	21.86	18.72	19.47	22.12

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
BPSK	23.6	27.02	24.97	28.39	30
QPSK	27.12	27.32	28.49	28.69	30
16QAM	23.87	24.06	25.24	25.43	30
64QAM	23.80	23.87	25.17	25.24	30
256QAM	21.86	22.12	23.23	23.49	30

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

NR n66 SCS 15 kHz, PC2_MIMO, Channel Bandwidth: 10 MHz

Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)								
			CH 343000			CH 349000			CH 355000		
			1715 MHz			1745 MHz			1775 MHz		
			TX 1	TX 2	Total	TX 1	TX 2	Total	TX 1	TX 2	Total
BPSK	1	1	23.57	24.09	26.85	23.78	24.23	27.02	23.84	24.15	27.01
QPSK	1	1	22.95	24.09	26.57	23.29	24.16	26.76	23.36	24.31	26.87
	1	0	19.95	21.12	23.58	20.20	21.25	23.77	20.45	21.20	23.85
	1	26	23.22	24.15	26.72	23.41	24.16	26.81	23.64	24.21	26.94
	1	49	23.89	24.3	27.11	24.06	24.39	27.24	24.2	24.39	27.31
	1	51	20.53	21.06	23.81	20.73	21.09	23.92	20.92	20.96	23.95
	25	0	21.70	22.72	25.25	21.97	22.76	25.39	21.97	22.82	25.43
	25	14	23.40	24.11	26.78	23.56	24.25	26.93	23.70	24.14	26.94
	25	27	21.94	22.76	25.38	22.20	22.75	25.49	22.26	22.66	25.47
	50	0	21.84	22.80	25.36	21.98	22.75	25.39	22.29	22.71	25.52
16QAM	1	0	20.30	21.40	23.90	20.41	21.42	23.95	20.71	21.35	24.05
64QAM	1	0	20.12	21.24	23.73	20.22	21.31	23.81	20.41	21.23	23.85
256QAM	1	0	18.34	19.48	21.96	18.29	19.31	21.84	18.68	19.55	22.15

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
BPSK	23.58	27.02	24.95	28.39	30
QPSK	27.11	27.31	28.48	28.68	30
16QAM	23.90	24.05	25.27	25.42	30
64QAM	23.73	23.85	25.1	25.22	30
256QAM	21.84	22.15	23.21	23.52	30

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

NR n66 SCS 15 kHz, PC2_MIMO, Channel Bandwidth: 15 MHz

Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)								
			CH 343500			CH 349000			CH 354500		
			1717.5 MHz			1745 MHz			1772.5 MHz		
			TX 1	TX 2	Total	TX 1	TX 2	Total	TX 1	TX 2	Total
BPSK	1	1	23.49	24.16	26.85	23.83	24.22	27.04	23.78	24.15	26.98
QPSK	1	1	22.96	24.08	26.57	23.27	24.20	26.77	23.32	24.33	26.86
	1	0	20.02	21.12	23.62	20.31	21.17	23.77	20.43	21.30	23.90
	1	40	23.22	24.22	26.76	23.46	24.18	26.85	23.57	24.17	26.89
	1	77	23.93	24.33	27.14	24.06	24.52	27.31	24.15	24.35	27.26
	1	78	20.52	20.99	23.77	20.66	21.11	23.90	20.93	21.03	23.99
	36	0	21.69	22.63	25.20	21.95	22.87	25.44	21.90	22.71	25.33
	36	22	23.36	24.12	26.77	23.53	24.26	26.92	23.67	24.22	26.96
	36	43	22.05	22.76	25.43	22.18	22.79	25.51	22.36	22.62	25.50
	75	0	21.84	22.73	25.32	22.08	22.75	25.44	22.25	22.66	25.47
16QAM	1	0	20.31	21.37	23.88	20.38	21.41	23.94	20.71	21.34	24.05
64QAM	1	0	20.18	21.21	23.74	20.31	21.31	23.85	20.40	21.21	23.83
256QAM	1	0	18.30	19.54	21.97	18.36	19.29	21.86	18.72	19.57	22.18

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
BPSK	23.62	27.04	24.99	28.41	30
QPSK	27.14	27.31	28.51	28.68	30
16QAM	23.88	24.05	25.25	25.42	30
64QAM	23.74	23.85	25.11	25.22	30
256QAM	21.86	22.18	23.23	23.55	30

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

NR n66 SCS 15 kHz, PC2_MIMO, Channel Bandwidth: 20 MHz

Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)								
			CH 344000			CH 349000			CH 354000		
			1720 MHz			1745 MHz			1770 MHz		
			TX 1	TX 2	Total	TX 1	TX 2	Total	TX 1	TX 2	Total
BPSK	1	1	23.52	24.21	26.89	23.7	24.12	26.93	23.91	24.14	27.04
QPSK	1	1	22.92	23.98	26.49	23.38	24.08	26.75	23.29	24.31	26.84
	1	0	20.01	21.09	23.59	20.21	21.21	23.75	20.47	21.17	23.84
	1	53	23.26	24.21	26.77	23.45	24.18	26.84	23.54	24.26	26.93
	1	104	23.87	24.26	27.08	24.08	24.54	27.33	24.2	24.41	27.32
	1	105	20.56	21.11	23.85	20.75	21.12	23.95	20.90	21.04	23.98
	50	0	21.73	22.67	25.24	21.94	22.75	25.37	21.88	22.81	25.38
	50	28	23.34	24.14	26.77	23.53	24.21	26.89	23.63	24.23	26.95
	50	56	21.93	22.68	25.33	22.18	22.83	25.53	22.24	22.65	25.46
	100	0	21.93	22.77	25.38	21.99	22.81	25.43	22.20	22.74	25.49
16QAM	1	0	20.40	21.36	23.92	20.37	21.43	23.94	20.65	21.33	24.01
64QAM	1	0	20.25	21.20	23.76	20.23	21.33	23.83	20.44	21.33	23.92
256QAM	1	0	18.29	19.42	21.90	18.28	19.35	21.86	18.78	19.49	22.16

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
BPSK	23.59	27.04	24.96	28.41	30
QPSK	27.08	27.33	28.45	28.7	30
16QAM	23.92	24.01	25.29	25.38	30
64QAM	23.76	23.92	25.13	25.29	30
256QAM	21.86	22.16	23.23	23.53	30

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

NR n66 SCS 15 kHz, PC2_MIMO, Channel Bandwidth: 25 MHz

Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)								
			CH 344500			CH 349000			CH 353500		
			1722.5 MHz			1745 MHz			1767.5 MHz		
			TX 1	TX 2	Total	TX 1	TX 2	Total	TX 1	TX 2	Total
BPSK	1	1	23.59	24.18	26.91	23.8	24.17	27	23.9	24.09	27.01
QPSK	1	1	22.92	24.05	26.53	23.30	24.17	26.77	23.34	24.35	26.88
	1	0	20.00	21.19	23.65	20.18	21.26	23.76	20.47	21.30	23.92
	1	67	23.19	24.18	26.72	23.49	24.18	26.86	23.65	24.17	26.93
	1	131	23.9	24.38	27.16	23.97	24.52	27.26	24.15	24.47	27.32
	1	132	20.60	21.11	23.87	20.71	21.03	23.88	20.91	20.98	23.96
	64	0	21.66	22.73	25.24	21.95	22.83	25.42	21.90	22.70	25.33
	64	35	23.38	24.13	26.78	23.47	24.28	26.90	23.70	24.25	26.99
	64	69	22.07	22.79	25.46	22.21	22.76	25.50	22.26	22.62	25.45
	128	0	21.92	22.78	25.38	21.97	22.79	25.41	22.31	22.73	25.54
16QAM	1	0	20.38	21.41	23.94	20.48	21.43	23.99	20.72	21.37	24.07
64QAM	1	0	20.16	21.25	23.75	20.28	21.45	23.91	20.39	21.33	23.90
256QAM	1	0	18.39	19.46	21.97	18.35	19.32	21.87	18.69	19.54	22.15

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
BPSK	23.65	27.01	25.02	28.38	30
QPSK	27.16	27.32	28.53	28.69	30
16QAM	23.94	24.07	25.31	25.44	30
64QAM	23.75	23.91	25.12	25.28	30
256QAM	21.87	22.15	23.24	23.52	30

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

NR n66 SCS 15 kHz, PC2_MIMO, Channel Bandwidth: 30 MHz

Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)								
			CH 345000			CH 349000			CH 353000		
			1725 MHz			1745 MHz			1765 MHz		
			TX 1	TX 2	Total	TX 1	TX 2	Total	TX 1	TX 2	Total
BPSK	1	1	23.55	24.17	26.88	23.78	24.21	27.01	23.83	24.08	26.97
QPSK	1	1	22.96	24.04	26.54	23.27	24.16	26.75	23.32	24.40	26.90
	1	0	20.01	21.12	23.61	20.25	21.22	23.77	20.46	21.19	23.85
	1	80	23.20	24.19	26.73	23.54	24.21	26.90	23.59	24.25	26.94
	1	158	23.9	24.29	27.11	24.09	24.51	27.32	24.23	24.37	27.31
	1	159	20.57	21.06	23.83	20.73	21.02	23.89	20.91	20.94	23.94
	80	0	21.72	22.69	25.24	21.99	22.77	25.41	21.91	22.82	25.40
	80	40	23.35	24.10	26.75	23.57	24.26	26.94	23.63	24.17	26.92
	80	80	22.05	22.70	25.40	22.22	22.77	25.51	22.25	22.62	25.45
	160	0	21.89	22.77	25.36	22.10	22.77	25.46	22.27	22.70	25.50
16QAM	1	0	20.39	21.31	23.88	20.43	21.49	24.00	20.70	21.37	24.06
64QAM	1	0	20.14	21.22	23.72	20.25	21.42	23.88	20.42	21.27	23.88
256QAM	1	0	18.34	19.53	21.99	18.35	19.33	21.88	18.79	19.56	22.20

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
BPSK	23.61	27.01	24.98	28.38	30
QPSK	27.11	27.32	28.48	28.69	30
16QAM	23.88	24.06	25.25	25.43	30
64QAM	23.72	23.88	25.09	25.25	30
256QAM	21.88	22.20	23.25	23.57	30

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

NR n66 SCS 15 kHz, PC2_MIMO, Channel Bandwidth: 35 MHz

Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)								
			CH 345500			CH 349000			CH 352500		
			1727.5 MHz			1745 MHz			1762.5 MHz		
			TX 1	TX 2	Total	TX 1	TX 2	Total	TX 1	TX 2	Total
BPSK	1	1	23.51	24.19	26.87	23.77	24.23	27.02	23.89	24.12	27.02
QPSK	1	1	22.96	24.02	26.53	23.36	24.13	26.77	23.29	24.29	26.83
	1	0	20.00	21.12	23.61	20.18	21.17	23.71	20.51	21.17	23.86
	1	94	23.27	24.26	26.80	23.54	24.21	26.90	23.63	24.26	26.97
	1	186	23.99	24.29	27.15	23.99	24.53	27.28	24.1	24.46	27.29
	1	187	20.57	21.00	23.80	20.73	21.04	23.90	20.96	21.00	23.99
	80	0	21.76	22.68	25.25	21.97	22.79	25.41	21.90	22.83	25.40
	94	47	23.41	24.22	26.84	23.57	24.30	26.96	23.70	24.17	26.95
	94	94	21.94	22.81	25.41	22.25	22.73	25.51	22.33	22.62	25.49
	180	0	21.82	22.78	25.34	22.07	22.84	25.48	22.28	22.66	25.48
16QAM	1	0	20.32	21.30	23.85	20.50	21.51	24.04	20.64	21.43	24.06
64QAM	1	0	20.18	21.24	23.75	20.22	21.43	23.88	20.43	21.32	23.91
256QAM	1	0	18.31	19.50	21.96	18.31	19.32	21.85	18.65	19.60	22.16

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
BPSK	23.61	27.02	24.98	28.39	30
QPSK	27.15	27.29	28.52	28.66	30
16QAM	23.85	24.06	25.22	25.43	30
64QAM	23.75	23.91	25.12	25.28	30
256QAM	21.85	22.16	23.22	23.53	30

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

NR n66 SCS 15 kHz, PC2_MIMO, Channel Bandwidth: 40 MHz

Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)								
			CH 346000			CH 349000			CH 352000		
			1730 MHz			1745 MHz			1760 MHz		
			TX 1	TX 2	Total	TX 1	TX 2	Total	TX 1	TX 2	Total
BPSK	1	1	23.5	24.11	26.83	23.81	24.18	27.01	23.83	24.04	26.95
QPSK	1	1	22.92	23.98	26.49	23.29	24.09	26.72	23.36	24.36	26.90
	1	0	19.97	21.16	23.62	20.23	21.30	23.81	20.47	21.30	23.92
	1	108	23.23	24.23	26.77	23.52	24.25	26.91	23.60	24.18	26.91
	1	214	23.95	24.38	27.18	24	24.55	27.29	24.16	24.42	27.3
	1	215	20.47	21.05	23.78	20.75	21.11	23.94	20.89	21.04	23.98
	108	0	21.78	22.75	25.30	21.99	22.83	25.44	21.95	22.77	25.39
	108	54	23.31	24.19	26.78	23.56	24.20	26.90	23.64	24.18	26.93
	108	108	22.04	22.79	25.44	22.14	22.76	25.47	22.34	22.64	25.50
	216	0	21.88	22.76	25.35	22.03	22.75	25.42	22.27	22.68	25.49
16QAM	1	0	20.35	21.27	23.84	20.48	21.43	23.99	20.63	21.36	24.02
64QAM	1	0	20.17	21.28	23.77	20.29	21.33	23.85	20.48	21.23	23.88
256QAM	1	0	18.33	19.49	21.96	18.42	19.30	21.89	18.76	19.59	22.21

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
BPSK	23.62	27.01	24.99	28.38	30
QPSK	27.18	27.3	28.55	28.67	30
16QAM	23.84	24.02	25.21	25.39	30
64QAM	23.77	23.88	25.14	25.25	30
256QAM	21.89	22.21	23.26	23.58	30

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

NR n66 SCS 15 kHz, PC2_MIMO, Channel Bandwidth: 45 MHz

Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)								
			CH 346500			CH 349000			CH 351500		
			1732.5 MHz			1745 MHz			1757.5 MHz		
			TX 1	TX 2	Total	TX 1	TX 2	Total	TX 1	TX 2	Total
BPSK	1	1	23.42	24.11	26.79	23.75	24.11	26.94	23.85	23.97	26.92
QPSK	1	1	22.96	24.01	26.53	23.32	24.01	26.69	23.35	24.41	26.92
	1	0	19.88	21.13	23.56	20.28	21.36	23.86	20.42	21.37	23.93
	1	120	23.22	24.27	26.79	23.49	24.28	26.91	23.59	24.15	26.89
	1	240	23.96	24.44	27.22	24.11	24.59	27.37	24.2	24.37	27.3
	1	241	20.43	21.03	23.75	20.76	21.21	24.00	20.81	20.99	23.91
	120	0	21.85	22.73	25.32	21.95	22.85	25.43	22.00	22.68	25.36
	120	60	23.22	24.18	26.74	23.46	24.33	26.93	23.56	24.11	26.85
	120	120	21.95	22.76	25.38	22.19	22.68	25.45	22.33	22.63	25.49
	240	0	21.88	22.79	25.37	21.97	22.69	25.36	22.28	22.67	25.49
16QAM	1	0	20.29	21.22	23.79	20.39	21.38	23.92	20.54	21.33	23.96
64QAM	1	0	20.20	21.26	23.77	20.33	21.33	23.87	20.42	21.19	23.83
256QAM	1	0	18.36	19.40	21.92	18.44	19.30	21.90	18.69	19.50	22.12

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
BPSK	23.56	26.94	24.93	28.31	30
QPSK	27.22	27.37	28.59	28.74	30
16QAM	23.79	23.96	25.16	25.33	30
64QAM	23.77	23.87	25.14	25.24	30
256QAM	21.90	22.12	23.27	23.49	30

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

7.1.16NR n70 SCS 15 kHz

NR n70 SCS 15 kHz, Channel Bandwidth: 5 MHz

Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)		
			CH 339500	CH 340500	CH 341500
			1697.5 MHz	1702.5 MHz	1707.5 MHz
BPSK	1	1	23.84	23.94	23.90
	1	0	23.25	23.44	23.32
QPSK	1	1	23.90	23.92	23.87
	1	0	22.84	22.90	22.87
	1	13	23.91	23.92	23.92
	1	23	23.93	23.95	23.87
	1	24	22.72	22.83	22.70
	12	0	22.94	22.94	22.85
	12	7	23.94	23.91	23.92
	12	13	22.83	22.92	22.81
	25	0	22.99	23.00	22.82
16QAM	1	0	21.00	21.03	20.87
64QAM	1	0	20.30	20.36	20.24
256QAM	1	0	17.43	17.52	17.49

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
BPSK	23.25	23.94	24.39	25.08	30
QPSK	22.7	23.95	23.84	25.09	30
16QAM	20.87	21.03	22.01	22.17	30
64QAM	20.24	20.36	21.38	21.5	30
256QAM	17.43	17.52	18.57	18.66	30

Note: ERP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

NR n70 SCS 15 kHz, Channel Bandwidth: 10 MHz

Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)		
			CH 340000	CH 340500	CH 341000
			1700 MHz	1702.5 MHz	1705 MHz
BPSK	1	1	23.84	23.90	23.93
	1	0	23.30	23.30	23.27
QPSK	1	1	23.81	23.95	23.88
	1	0	22.82	22.90	22.86
	1	26	23.86	23.93	23.89
	1	50	23.90	23.90	23.88
	1	51	22.72	22.80	22.77
	25	0	22.82	22.98	22.80
	25	14	23.88	23.91	23.85
	25	27	22.87	22.93	22.79
	50	0	22.86	23.00	22.93
	52	0	20.91	21.04	20.87
16QAM	1	0	20.93	21.02	20.87
64QAM	1	0	20.29	20.36	20.24
256QAM	1	0	17.48	17.52	17.48

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
BPSK	23.27	23.93	24.41	25.07	30
QPSK	20.87	23.95	22.01	25.09	30
16QAM	20.87	21.02	22.01	22.16	30
64QAM	20.24	20.36	21.38	21.5	30
256QAM	17.48	17.52	18.62	18.66	30

Note: ERP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

NR n70 SCS 15 kHz, Channel Bandwidth: 15 MHz

Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)
			CH 340500
			1702.5 MHz
BPSK	1	1	23.85
	1	0	23.40
QPSK	1	1	23.99
	1	0	22.95
	1	40	23.90
	1	77	23.90
	1	78	22.90
	36	0	23.03
	36	22	23.95
	36	43	23.00
	75	0	23.06
	79	0	21.11
16QAM	1	0	21.09
64QAM	1	0	20.45
256QAM	1	0	17.61

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
BPSK	23.4	23.85	24.54	24.99	30
QPSK	21.11	23.99	22.25	25.13	30
16QAM	21.09	21.09	22.23	22.23	30
64QAM	20.45	20.45	21.59	21.59	30
256QAM	17.61	17.61	18.75	18.75	30

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

7.1.17NR n71 SCS 15 kHz

NR n71 SCS 15 kHz, Channel Bandwidth: 5 MHz

Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)		
			CH 133100	CH 136100	CH 139100
			665.5 MHz	680.5 MHz	695.5 MHz
BPSK	1	1	23.91	23.93	23.91
	1	0	23.46	23.58	23.58
QPSK	1	1	23.90	23.94	23.88
	1	0	23.04	23.13	23.15
	1	13	23.92	23.88	23.88
	1	23	23.89	23.90	23.86
	1	24	22.95	23.10	23.01
	12	0	22.99	23.11	22.98
	12	7	23.79	23.94	23.84
	12	13	22.91	22.99	22.93
	25	0	22.95	23.01	22.98
16QAM	1	0	21.14	21.29	21.24
64QAM	1	0	20.24	20.36	20.23
256QAM	1	0	17.82	17.90	17.86

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum ERP (dBm)	Maximum ERP (dBm)	ERP Limit (dBm)
BPSK	23.46	23.93	20.19	20.66	34.77
QPSK	22.91	23.94	19.64	20.67	34.77
16QAM	21.14	21.29	17.87	18.02	34.77
64QAM	20.23	20.36	16.96	17.09	34.77
256QAM	17.82	17.9	14.55	14.63	34.77

Note: ERP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)-2.15

NR n71 SCS 15 kHz, Channel Bandwidth: 10 MHz

Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)		
			CH 133600	CH 136100	CH 138600
			668 MHz	680.5 MHz	693 MHz
BPSK	1	1	23.77	23.95	23.79
	1	0	23.50	23.60	23.50
QPSK	1	1	23.87	23.91	23.78
	1	0	23.00	23.15	23.15
	1	26	23.81	23.89	23.90
	1	50	23.94	23.95	23.93
	1	51	23.01	23.10	22.90
	25	0	23.02	23.10	22.99
	25	14	23.86	23.95	23.95
	25	27	22.91	22.96	22.88
	50	0	22.95	23.02	22.91
	52	0	20.79	20.95	20.90
16QAM	1	0	21.20	21.31	21.16
64QAM	1	0	20.33	20.38	20.25
256QAM	1	0	17.80	17.90	17.87

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum ERP (dBm)	Maximum ERP (dBm)	ERP Limit (dBm)
BPSK	23.5	23.95	20.23	20.68	34.77
QPSK	20.79	23.95	17.52	20.68	34.77
16QAM	21.16	21.31	17.89	18.04	34.77
64QAM	20.25	20.38	16.98	17.11	34.77
256QAM	17.8	17.9	14.53	14.63	34.77

Note: ERP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)-2.15

NR n71 SCS 15 kHz, Channel Bandwidth: 15 MHz

Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)		
			CH 134100	CH 136100	CH 138100
			670.5 MHz	680.5 MHz	690.5 MHz
BPSK	1	1	23.91	23.91	23.83
	1	0	23.46	23.62	23.55
QPSK	1	1	23.88	23.89	23.81
	1	0	23.16	23.16	23.09
	1	40	23.85	23.89	23.78
	1	77	23.92	23.99	23.86
	1	78	22.99	23.10	22.98
	36	0	23.05	23.12	23.01
	36	22	23.76	23.90	23.78
	36	43	22.88	22.96	22.95
	75	0	23.02	23.00	22.86
	79	0	20.94	20.92	20.90
16QAM	1	0	21.29	21.28	21.28
64QAM	1	0	20.24	20.37	20.24
256QAM	1	0	17.78	17.88	17.81

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum ERP (dBm)	Maximum ERP (dBm)	ERP Limit (dBm)
BPSK	23.46	23.91	20.19	20.64	34.77
QPSK	20.9	23.99	17.63	20.72	34.77
16QAM	21.28	21.29	18.01	18.02	34.77
64QAM	20.24	20.37	16.97	17.1	34.77
256QAM	17.78	17.88	14.51	14.61	34.77

Note: ERP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)-2.15

NR n71 SCS 15 kHz, Channel Bandwidth: 20 MHz

Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)		
			CH 134600	CH 136100	CH 137600
			673 MHz	680.5 MHz	688 MHz
BPSK	1	1	23.94	23.91	23.76
	1	0	23.44	23.62	23.46
QPSK	1	1	23.90	23.92	23.77
	1	0	23.06	23.17	23.02
	1	53	23.87	23.93	23.74
	1	104	23.92	23.93	23.95
	1	105	22.97	23.06	22.98
	50	0	23.05	23.13	22.94
	50	28	23.85	23.93	23.85
	50	56	22.88	22.97	22.85
	100	0	22.98	22.99	22.97
	106	0	20.91	20.92	20.89
16QAM	1	0	21.27	21.29	21.15
64QAM	1	0	20.26	20.34	20.26
256QAM	1	0	17.76	17.85	17.76

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum ERP (dBm)	Maximum ERP (dBm)	ERP Limit (dBm)
BPSK	23.44	23.94	20.17	20.67	34.77
QPSK	20.89	23.95	17.62	20.68	34.77
16QAM	21.15	21.29	17.88	18.02	34.77
64QAM	20.26	20.34	16.99	17.07	34.77
256QAM	17.76	17.85	14.49	14.58	34.77

Note: ERP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)-2.15

NR n71 SCS 15 kHz, Channel Bandwidth: 25 MHz

Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)		
			CH 135100	CH 136100	CH 137100
			675.5 MHz	680.5 MHz	685.5 MHz
BPSK	1	1	23.90	23.91	23.77
	1	0	23.46	23.60	23.47
QPSK	1	1	23.84	23.94	23.80
	1	0	23.06	23.14	23.01
	1	67	23.77	23.91	23.75
	1	131	23.93	23.98	23.97
	1	132	23.01	23.06	22.95
	64	0	23.05	23.11	23.03
	64	35	23.84	23.92	23.91
	64	69	22.97	22.97	22.92
	128	0	22.90	23.02	22.98
	133	0	20.85	20.96	20.88
16QAM	1	0	21.15	21.29	21.21
64QAM	1	0	20.25	20.35	20.20
256QAM	1	0	17.83	17.90	17.81

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum ERP (dBm)	Maximum ERP (dBm)	ERP Limit (dBm)
BPSK	23.46	23.91	20.19	20.64	34.77
QPSK	20.85	23.98	17.58	20.71	34.77
16QAM	21.15	21.29	17.88	18.02	34.77
64QAM	20.2	20.35	16.93	17.08	34.77
256QAM	17.81	17.9	14.54	14.63	34.77

Note: ERP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)-2.15

NR n71 SCS 15 kHz, Channel Bandwidth: 30 MHz

Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)		
			CH 135600	CH 136100	CH 136600
			678 MHz	680.5 MHz	683 MHz
BPSK	1	1	23.84	23.90	23.85
	1	0	23.58	23.62	23.49
QPSK	1	1	23.79	23.93	23.90
	1	0	23.04	23.17	23.05
	1	80	23.82	23.89	23.79
	1	158	23.90	23.92	23.87
	1	159	23.03	23.08	22.99
	80	0	22.99	23.12	23.01
	80	40	23.84	23.94	23.89
	80	80	22.93	22.96	22.86
	160	0	22.99	23.02	22.89
16QAM	1	0	21.22	21.31	21.26
64QAM	1	0	20.25	20.36	20.25
256QAM	1	0	17.80	17.86	17.73

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum ERP (dBm)	Maximum ERP (dBm)	ERP Limit (dBm)
BPSK	23.49	23.9	20.22	20.63	34.77
QPSK	22.86	23.94	19.59	20.67	34.77
16QAM	21.22	21.31	17.95	18.04	34.77
64QAM	20.25	20.36	16.98	17.09	34.77
256QAM	17.73	17.86	14.46	14.59	34.77

Note: ERP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)-2.15

NR n71 SCS 15 kHz, Channel Bandwidth: 35 MHz

Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)
			CH 136100
			680.5 MHz
BPSK	1	1	23.96
	1	0	23.68
QPSK	1	1	23.99
	1	0	22.89
	1	94	23.98
	1	186	23.87
	1	187	23.13
	96	0	23.19
	96	47	23.95
	96	92	23.06
	180	0	23.09
	188	0	21.02
16QAM	1	0	21.36
64QAM	1	0	20.44
256QAM	1	0	17.95

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum ERP (dBm)	Maximum ERP (dBm)	ERP Limit (dBm)
BPSK	23.68	23.96	20.41	20.69	34.77
QPSK	21.02	23.99	17.75	20.72	34.77
16QAM	21.36	21.36	18.09	18.09	34.77
64QAM	20.44	20.44	17.17	17.17	34.77
256QAM	17.95	17.95	14.68	14.68	34.77

Note: ERP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)-2.15

7.1.18NR n77 SCS 30 kHz (3.45 GHz ~ 3.55 GHz)

NR n77 SCS 30 kHz (3.45 GHz ~ 3.55 GHz), 1TX, Channel Bandwidth: 10 MHz

Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)		
			CH 630334	CH 633334	CH 636332
			3455.01 MHz	3500.01 MHz	3544.98 MHz
BPSK	1	1	26.21	26.15	26.2
	1	0	22.65	22.66	22.72
QPSK	1	1	26.24	26.25	26.25
	1	0	22.69	22.7	22.7
	1	11	26.16	26.17	26.17
	1	22	26.13	26.16	26.15
	1	23	22.64	22.64	22.68
	12	0	25.21	25.16	25.14
	12	6	26.12	26.17	26.09
	12	12	25.14	25.1	25.18
	24	0	25.2	25.21	25.24
16QAM	1	0	22.59	22.6	22.57
64QAM	1	0	22.14	22.08	22.22
256QAM	1	0	21.72	21.59	21.62

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
BPSK	22.65	26.21	26.21	29.77	30
QPSK	22.64	26.25	26.2	29.81	30
16QAM	22.57	22.6	26.13	26.16	30
64QAM	22.08	22.22	25.64	25.78	30
256QAM	21.59	21.72	25.15	25.28	30

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

NR n77 SCS 30 kHz (3.45 GHz ~ 3.55 GHz), 1TX, Channel Bandwidth: 15 MHz

Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)		
			CH 630500	CH 633334	CH 636166
			3457.5 MHz	3500.01 MHz	3542.49 MHz
BPSK	1	1	26.21	26.14	26.13
	1	0	22.65	22.65	22.63
QPSK	1	1	26.25	26.27	26.23
	1	0	22.61	22.68	22.7
	1	19	26.18	26.17	26.16
	1	36	26.13	26.2	26.19
	1	37	22.63	22.68	22.63
	18	0	25.18	25.09	25.14
	18	10	26.09	26.17	26.21
	18	20	25.18	25.1	25.16
	36	0	25.22	25.24	25.22
	38	0	23.07	23.1	23.1
16QAM	1	0	22.73	22.58	22.68
64QAM	1	0	22.16	22.1	22.08
256QAM	1	0	21.69	21.71	21.71

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
BPSK	22.63	26.21	26.19	29.77	30
QPSK	22.61	26.27	26.17	29.83	30
16QAM	22.58	22.73	26.14	26.29	30
64QAM	22.08	22.16	25.64	25.72	30
256QAM	21.69	21.71	25.25	25.27	30

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

NR n77 SCS 30 kHz (3.45 GHz ~ 3.55 GHz), 1TX, Channel Bandwidth: 20 MHz

Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)		
			CH 630668	CH 633334	CH 636000
			3460.02 MHz	3500.01 MHz	3540 MHz
BPSK	1	1	26.15	26.14	26.16
	1	0	22.72	22.72	22.65
QPSK	1	1	26.22	26.27	26.24
	1	0	22.7	22.68	22.71
	1	26	26.16	26.17	26.18
	1	49	26.14	26.2	26.14
	1	50	22.64	22.65	22.71
	25	0	25.2	25.12	25.21
	25	13	26.11	26.17	26.21
	25	26	25.12	25.1	25.12
	50	0	25.2	25.24	25.23
	51	0	23.12	23.07	23.12
16QAM	1	0	22.65	22.62	22.67
64QAM	1	0	22.15	22.11	22.23
256QAM	1	0	21.67	21.58	21.57

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
BPSK	22.65	26.16	26.21	29.72	30
QPSK	22.64	26.27	26.2	29.83	30
16QAM	22.62	22.67	26.18	26.23	30
64QAM	22.11	22.23	25.67	25.79	30
256QAM	21.57	21.67	25.13	25.23	30

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

NR n77 SCS 30 kHz (3.45 GHz ~ 3.55 GHz), 1TX, Channel Bandwidth: 25 MHz

Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)		
			CH 630834	CH 633334	CH 635832
			3462.51 MHz	3500.01 MHz	3537.48 MHz
BPSK	1	1	26.2	26.14	26.19
	1	0	22.7	22.64	22.72
QPSK	1	1	26.25	26.24	26.23
	1	0	22.65	22.68	22.64
	1	33	26.2	26.13	26.15
	1	63	26.2	26.15	26.14
	1	64	22.63	22.7	22.68
	32	0	25.17	25.12	25.17
	32	17	26.11	26.14	26.18
	32	33	25.21	25.13	25.19
	64	0	25.23	25.21	25.2
	65	0	23.16	23.11	23.16
16QAM	1	0	22.59	22.57	22.68
64QAM	1	0	22.09	22.11	22.22
256QAM	1	0	21.69	21.63	21.62

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
BPSK	22.64	26.2	26.2	29.76	30
QPSK	22.63	26.25	26.19	29.81	30
16QAM	22.57	22.68	26.13	26.24	30
64QAM	22.09	22.22	25.65	25.78	30
256QAM	21.62	21.69	25.18	25.25	30

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

NR n77 SCS 30 kHz (3.45 GHz ~ 3.55 GHz), 1TX, Channel Bandwidth: 30 MHz

Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)		
			CH 631000	CH 633334	CH 635666
			3465 MHz	3500.01 MHz	3534.99 MHz
BPSK	1	1	26.17	26.17	26.21
	1	0	22.7	22.68	22.7
QPSK	1	1	26.26	26.24	26.22
	1	0	22.61	22.59	22.65
	1	39	26.14	26.15	26.16
	1	76	26.18	26.13	26.17
	1	77	22.7	22.63	22.68
	36	0	25.18	25.16	25.17
	36	21	26.16	26.11	26.21
	36	42	25.12	25.1	25.11
	75	0	25.24	25.22	25.24
	78	0	23.18	23.15	23.15
16QAM	1	0	22.58	22.66	22.67
64QAM	1	0	22.22	22.07	22.11
256QAM	1	0	21.74	21.74	21.68

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
BPSK	22.68	26.21	26.24	29.77	30
QPSK	22.59	26.26	26.15	29.82	30
16QAM	22.58	22.67	26.14	26.23	30
64QAM	22.07	22.22	25.63	25.78	30
256QAM	21.68	21.74	25.24	25.3	30

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

NR n77 SCS 30 kHz (3.45 GHz ~ 3.55 GHz), 1TX, Channel Bandwidth: 40 MHz

Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)		
			CH 631334	CH 633334	CH 635332
			3470.01 MHz	3500.01 MHz	3529.98 MHz
BPSK	1	1	26.13	26.16	26.17
	1	0	22.63	22.63	22.64
QPSK	1	1	26.23	26.25	26.23
	1	0	22.61	22.65	22.69
	1	53	26.17	26.21	26.13
	1	104	26.14	26.16	26.2
	1	105	22.67	22.67	22.65
	50	0	25.09	25.18	25.15
	50	28	26.21	26.2	26.09
	50	56	25.13	25.18	25.21
	100	0	25.23	25.21	25.21
	106	0	23.11	23.17	23.16
16QAM	1	0	22.63	22.58	22.71
64QAM	1	0	22.22	22.12	22.09
256QAM	1	0	21.58	21.64	21.58

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
BPSK	22.63	26.17	26.19	29.73	30
QPSK	22.61	26.25	26.17	29.81	30
16QAM	22.58	22.71	26.14	26.27	30
64QAM	22.09	22.22	25.65	25.78	30
256QAM	21.58	21.64	25.14	25.2	30

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

NR n77 SCS 30 kHz (3.45 GHz ~ 3.55 GHz), 1TX, Channel Bandwidth: 50 MHz

Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)		
			CH 631668	CH 633334	CH 635000
			3475.02 MHz	3500.01 MHz	3525 MHz
BPSK	1	1	26.12	26.27	26.11
	1	0	22.57	22.72	22.57
QPSK	1	1	26.09	26.32	26.11
	1	0	22.6	22.76	22.58
	1	67	26.09	26.32	26.14
	1	131	26.06	26.29	26.12
	1	132	22.66	22.84	22.67
	64	0	25.13	25.31	25.07
	64	35	26.11	26.32	26.12
	64	69	25.06	25.25	25.06
	128	0	25.14	25.3	25.09
	133	0	22.97	23.2	23.04
16QAM	1	0	22.44	22.68	22.52
64QAM	1	0	22.53	22.71	22.5
256QAM	1	0	21.65	21.81	21.66

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
BPSK	22.57	26.27	26.13	29.83	30
QPSK	22.58	26.32	26.14	29.88	30
16QAM	22.44	22.68	26	26.24	30
64QAM	22.5	22.71	26.06	26.27	30
256QAM	21.65	21.81	25.21	25.37	30

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

NR n77 SCS 30 kHz (3.45 GHz ~ 3.55 GHz), 1TX, Channel Bandwidth: 60 MHz

Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)		
			CH 632000	CH 633334	CH 634666
			3480 MHz	3500.01 MHz	3519.99 MHz
BPSK	1	1	26.16	26.2	26.15
	1	0	22.63	22.63	22.66
QPSK	1	1	26.26	26.24	26.26
	1	0	22.61	22.61	22.7
	1	81	26.2	26.14	26.15
	1	160	26.2	26.17	26.2
	1	161	22.65	22.65	22.7
	81	0	25.17	25.19	25.13
	81	41	26.2	26.11	26.12
	81	81	25.19	25.17	25.19
	162	0	25.23	25.22	25.23
16QAM	1	0	22.66	22.69	22.64
64QAM	1	0	22.07	22.07	22.22
256QAM	1	0	21.57	21.61	21.58

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
BPSK	22.63	26.2	26.19	29.76	30
QPSK	22.61	26.26	26.17	29.82	30
16QAM	22.64	22.69	26.2	26.25	30
64QAM	22.07	22.22	25.63	25.78	30
256QAM	21.57	21.61	25.13	25.17	30

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

NR n77 SCS 30 kHz (3.45 GHz ~ 3.55 GHz), 1TX, Channel Bandwidth: 70 MHz

Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)		
			CH 632334	CH 633334	CH 634332
			3485.01 MHz	3500.01 MHz	3514.98 MHz
BPSK	1	1	26.17	26.18	26.16
	1	0	22.73	22.64	22.63
QPSK	1	1	26.25	26.22	26.25
	1	0	22.7	22.65	22.59
	1	95	26.2	26.18	26.17
	1	187	26.16	26.15	26.15
	1	188	22.69	22.63	22.71
	90	0	25.2	25.18	25.17
	90	50	26.11	26.14	26.15
	90	99	25.2	25.17	25.12
	180	0	25.21	25.22	25.22
	189	0	23.07	23.09	23.18
16QAM	1	0	22.7	22.59	22.65
64QAM	1	0	22.22	22.13	22.14
256QAM	1	0	21.64	21.61	21.67

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
BPSK	22.63	26.18	26.19	29.74	30
QPSK	22.59	26.25	26.15	29.81	30
16QAM	22.59	22.7	26.15	26.26	30
64QAM	22.13	22.22	25.69	25.78	30
256QAM	21.61	21.67	25.17	25.23	30

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

NR n77 SCS 30 kHz (3.45 GHz ~ 3.55 GHz), 1TX, Channel Bandwidth: 80 MHz

Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)		
			CH 632668	CH 633334	CH 634000
			3490.02 MHz	3500.01 MHz	3510 MHz
BPSK	1	1	26.17	26.19	26.2
	1	0	22.68	22.74	22.74
QPSK	1	1	26.26	26.26	26.23
	1	0	22.68	22.67	22.59
	1	109	26.16	26.17	26.21
	1	215	26.17	26.17	26.21
	1	216	22.67	22.66	22.64
	108	0	25.18	25.13	25.12
	108	55	26.12	26.1	26.21
	108	109	25.12	25.16	25.14
	216	0	25.23	25.21	25.24
	217	0	23.12	23.08	23.14
16QAM	1	0	22.72	22.69	22.66
64QAM	1	0	22.2	22.09	22.21
256QAM	1	0	21.58	21.73	21.63

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
BPSK	22.68	26.2	26.24	29.76	30
QPSK	22.59	26.26	26.15	29.82	30
16QAM	22.66	22.72	26.22	26.28	30
64QAM	22.09	22.21	25.65	25.77	30
256QAM	21.58	21.73	25.14	25.29	30

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

NR n77 SCS 30 kHz (3.45 GHz ~ 3.55 GHz), 1TX, Channel Bandwidth: 90 MHz

Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)		
			CH 633000	CH 633334	CH 633666
			3495 MHz	3500.01 MHz	3504.99 MHz
BPSK	1	1	26.19	26.13	26.15
	1	0	22.65	22.74	22.73
QPSK	1	1	26.27	26.23	26.27
	1	0	22.61	22.7	22.69
	1	123	26.13	26.21	26.17
	1	243	26.13	26.13	26.16
	1	244	22.7	22.7	22.69
	120	0	25.19	25.1	25.17
	120	63	26.17	26.13	26.15
	120	125	25.12	25.17	25.11
	243	0	25.23	25.24	25.2
	245	0	23.16	23.16	23.16
16QAM	1	0	22.74	22.57	22.66
64QAM	1	0	22.08	22.22	22.18
256QAM	1	0	21.64	21.65	21.62

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
BPSK	22.65	26.19	26.21	29.75	30
QPSK	22.61	26.27	26.17	29.83	30
16QAM	22.57	22.74	26.13	26.3	30
64QAM	22.08	22.22	25.64	25.78	30
256QAM	21.62	21.65	25.18	25.21	30

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

NR n77 SCS 30 kHz (3.45 GHz ~ 3.55 GHz), 1TX, Channel Bandwidth: 100 MHz

Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)
			CH 633334
			3500.01 MHz
BPSK	1	1	26.3
	1	0	22.83
QPSK	1	1	26.37
	1	0	26.28
	1	137	26.29
	1	271	25.29
	1	272	26.22
	135	0	25.25
	135	69	25.29
	135	138	23.18
	270	0	22.67
	273	0	22.29
16QAM	1	0	21.68
64QAM	1	0	26.3
256QAM	1	0	22.83

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
BPSK	22.83	26.3	26.39	29.86	30
QPSK	22.29	26.37	25.85	29.93	30
16QAM	21.68	21.68	25.24	25.24	30
64QAM	26.3	26.3	29.86	29.86	30
256QAM	22.83	22.83	26.39	26.39	30

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

NR n77 SCS 30 kHz (3.45 GHz ~ 3.55 GHz), 2TX, Channel Bandwidth: 10 MHz

Modulation	Channel	Channel Frequency (MHz)	Field Strength (dBµV/m)	Correction Factor (dB)	EIRP (mW)	EIRP (dBm)	EIRP Limit (dBm)
BPSK	630334	3455.01	124.38	-95.26	816.582	29.12	30
	633334	3500.01	124.23	-95.26	788.86	28.97	30
	636332	3544.98	124.27	-95.26	796.159	29.01	30
QPSK	630334	3455.01	124.5	-95.26	839.46	29.24	30
	633334	3500.01	124.32	-95.26	805.378	29.06	30
	636332	3544.98	124.36	-95.26	812.831	29.1	30
16QAM	630334	3455.01	123.56	-95.26	676.083	28.3	30
	633334	3500.01	123.35	-95.26	644.169	28.09	30
	636332	3544.98	123.41	-95.26	653.131	28.15	30
64QAM	630334	3455.01	122.56	-95.26	537.032	27.3	30
	633334	3500.01	122.33	-95.26	509.331	27.07	30
	636332	3544.98	122.41	-95.26	518.8	27.15	30
256QAM	630334	3455.01	120	-95.26	297.852	24.74	30
	633334	3500.01	119.76	-95.26	281.838	24.5	30
	636332	3544.98	119.88	-95.26	289.734	24.62	30

Notes:

1. EIRP (dBm) = Field Strength (dBµV/m) + Correction Factor (dB)
2. Correction Factor (dB) = 20log(D) – 104.8; where D is the measurement distance at 3 meters.

NR n77 SCS 30 kHz (3.45 GHz ~ 3.55 GHz), 2TX, Channel Bandwidth: 15 MHz

Modulation	Channel	Channel Frequency (MHz)	Field Strength (dBµV/m)	Correction Factor (dB)	EIRP (mW)	EIRP (dBm)	EIRP Limit (dBm)
BPSK	630500	3457.5	124.24	-95.26	790.679	28.98	30
	633334	3500.01	124.42	-95.26	824.138	29.16	30
	636166	3542.49	124.51	-95.26	841.395	29.25	30
QPSK	630500	3457.5	124.32	-95.26	805.378	29.06	30
	633334	3500.01	124.54	-95.26	847.227	29.28	30
	636166	3542.49	124.62	-95.26	862.979	29.36	30
16QAM	630500	3457.5	123.38	-95.26	648.634	28.12	30
	633334	3500.01	123.57	-95.26	677.642	28.31	30
	636166	3542.49	123.69	-95.26	696.627	28.43	30
64QAM	630500	3457.5	122.37	-95.26	514.044	27.11	30
	633334	3500.01	122.55	-95.26	535.797	27.29	30
	636166	3542.49	122.68	-95.26	552.077	27.42	30
256QAM	630500	3457.5	119.82	-95.26	285.759	24.56	30
	633334	3500.01	119.98	-95.26	296.483	24.72	30
	636166	3542.49	120.13	-95.26	306.902	24.87	30

Notes:

1. EIRP (dBm) = Field Strength (dBµV/m) + Correction Factor (dB)
2. Correction Factor (dB) = 20log(D) – 104.8; where D is the measurement distance at 3 meters.

NR n77 SCS 30 kHz (3.45 GHz ~ 3.55 GHz), 2TX, Channel Bandwidth: 20 MHz

Modulation	Channel	Channel Frequency (MHz)	Field Strength (dBµV/m)	Correction Factor (dB)	EIRP (mW)	EIRP (dBm)	EIRP Limit (dBm)
BPSK	630668	3460.02	124.4	-95.26	820.352	29.14	30
	633334	3500.01	124.22	-95.26	787.046	28.96	30
	636000	3540	124.4	-95.26	820.352	29.14	30
QPSK	630668	3460.02	124.51	-95.26	841.395	29.25	30
	633334	3500.01	124.33	-95.26	807.235	29.07	30
	636000	3540	124.49	-95.26	837.529	29.23	30
16QAM	630668	3460.02	123.55	-95.26	674.528	28.29	30
	633334	3500.01	123.39	-95.26	650.13	28.13	30
	636000	3540	123.56	-95.26	676.083	28.3	30
64QAM	630668	3460.02	122.54	-95.26	534.564	27.28	30
	633334	3500.01	122.37	-95.26	514.044	27.11	30
	636000	3540	122.57	-95.26	538.27	27.31	30
256QAM	630668	3460.02	119.98	-95.26	296.483	24.72	30
	633334	3500.01	119.83	-95.26	286.418	24.57	30
	636000	3540	120.01	-95.26	298.538	24.75	30

Notes:

1. EIRP (dBm) = Field Strength (dBµV/m) + Correction Factor (dB)
2. Correction Factor (dB) = 20log(D) – 104.8; where D is the measurement distance at 3 meters.

NR n77 SCS 30 kHz (3.45 GHz ~ 3.55 GHz), 2TX, Channel Bandwidth: 25 MHz

Modulation	Channel	Channel Frequency (MHz)	Field Strength (dBµV/m)	Correction Factor (dB)	EIRP (mW)	EIRP (dBm)	EIRP Limit (dBm)
BPSK	630834	3462.51	124.31	-95.26	803.526	29.05	30
	633334	3500.01	124.36	-95.26	812.831	29.1	30
	635832	3537.48	124.39	-95.26	818.465	29.13	30
QPSK	630834	3462.51	124.4	-95.26	820.352	29.14	30
	633334	3500.01	124.46	-95.26	831.764	29.2	30
	635832	3537.48	124.5	-95.26	839.46	29.24	30
16QAM	630834	3462.51	123.45	-95.26	659.174	28.19	30
	633334	3500.01	123.52	-95.26	669.885	28.26	30
	635832	3537.48	123.54	-95.26	672.977	28.28	30
64QAM	630834	3462.51	122.45	-95.26	523.6	27.19	30
	633334	3500.01	122.51	-95.26	530.884	27.25	30
	635832	3537.48	122.56	-95.26	537.032	27.3	30
256QAM	630834	3462.51	119.89	-95.26	290.402	24.63	30
	633334	3500.01	119.94	-95.26	293.765	24.68	30
	635832	3537.48	120.01	-95.26	298.538	24.75	30

Notes:

1. EIRP (dBm) = Field Strength (dBµV/m) + Correction Factor (dB)
2. Correction Factor (dB) = 20log(D) – 104.8; where D is the measurement distance at 3 meters.

NR n77 SCS 30 kHz (3.45 GHz ~ 3.55 GHz), 2TX, Channel Bandwidth: 30 MHz

Modulation	Channel	Channel Frequency (MHz)	Field Strength (dBµV/m)	Correction Factor (dB)	EIRP (mW)	EIRP (dBm)	EIRP Limit (dBm)
BPSK	631000	3465	124.29	-95.26	799.834	29.03	30
	633334	3500.01	124.24	-95.26	790.679	28.98	30
	635666	3534.99	124.33	-95.26	807.235	29.07	30
QPSK	631000	3465	124.4	-95.26	820.352	29.14	30
	633334	3500.01	124.33	-95.26	807.235	29.07	30
	635666	3534.99	124.42	-95.26	824.138	29.16	30
16QAM	631000	3465	123.43	-95.26	656.145	28.17	30
	633334	3500.01	123.38	-95.26	648.634	28.12	30
	635666	3534.99	123.48	-95.26	663.743	28.22	30
64QAM	631000	3465	122.45	-95.26	523.6	27.19	30
	633334	3500.01	122.39	-95.26	516.416	27.13	30
	635666	3534.99	122.5	-95.26	529.663	27.24	30
256QAM	631000	3465	119.9	-95.26	291.072	24.64	30
	633334	3500.01	119.84	-95.26	287.078	24.58	30
	635666	3534.99	119.94	-95.26	293.765	24.68	30

Notes:

1. EIRP (dBm) = Field Strength (dBµV/m) + Correction Factor (dB)
2. Correction Factor (dB) = 20log(D) – 104.8; where D is the measurement distance at 3 meters.

NR n77 SCS 30 kHz (3.45 GHz ~ 3.55 GHz), 2TX, Channel Bandwidth: 40 MHz

Modulation	Channel	Channel Frequency (MHz)	Field Strength (dBµV/m)	Correction Factor (dB)	EIRP (mW)	EIRP (dBm)	EIRP Limit (dBm)
BPSK	631334	3470.01	124.34	-95.26	809.096	29.08	30
	633334	3500.01	124.27	-95.26	796.159	29.01	30
	635332	3529.98	124.5	-95.26	839.46	29.24	30
QPSK	631334	3470.01	124.42	-95.26	824.138	29.16	30
	633334	3500.01	124.39	-95.26	818.465	29.13	30
	635332	3529.98	124.61	-95.26	860.994	29.35	30
16QAM	631334	3470.01	123.48	-95.26	663.743	28.22	30
	633334	3500.01	123.43	-95.26	656.145	28.17	30
	635332	3529.98	123.64	-95.26	688.652	28.38	30
64QAM	631334	3470.01	122.5	-95.26	529.663	27.24	30
	633334	3500.01	122.43	-95.26	521.195	27.17	30
	635332	3529.98	122.62	-95.26	544.503	27.36	30
256QAM	631334	3470.01	119.95	-95.26	294.442	24.69	30
	633334	3500.01	119.88	-95.26	289.734	24.62	30
	635332	3529.98	120.05	-95.26	301.301	24.79	30

Notes:

1. EIRP (dBm) = Field Strength (dBµV/m) + Correction Factor (dB)
2. Correction Factor (dB) = 20log(D) – 104.8; where D is the measurement distance at 3 meters.

NR n77 SCS 30 kHz (3.45 GHz ~ 3.55 GHz), 2TX, Channel Bandwidth: 50 MHz

Modulation	Channel	Channel Frequency (MHz)	Field Strength (dBµV/m)	Correction Factor (dB)	EIRP (mW)	EIRP (dBm)	EIRP Limit (dBm)
BPSK	631668	3475.02	124.27	-95.26	796.159	29.01	30
	633334	3500.01	124.27	-95.26	796.159	29.01	30
	635000	3525	124.28	-95.26	797.995	29.02	30
QPSK	631668	3475.02	124.35	-95.26	810.961	29.09	30
	633334	3500.01	124.37	-95.26	814.704	29.11	30
	635000	3525	124.37	-95.26	814.704	29.11	30
16QAM	631668	3475.02	123.38	-95.26	648.634	28.12	30
	633334	3500.01	123.41	-95.26	653.131	28.15	30
	635000	3525	123.41	-95.26	653.131	28.15	30
64QAM	631668	3475.02	122.4	-95.26	517.607	27.14	30
	633334	3500.01	122.39	-95.26	516.416	27.13	30
	635000	3525	122.43	-95.26	521.195	27.17	30
256QAM	631668	3475.02	119.84	-95.26	287.078	24.58	30
	633334	3500.01	119.82	-95.26	285.759	24.56	30
	635000	3525	119.87	-95.26	289.068	24.61	30

Notes:

1. EIRP (dBm) = Field Strength (dBµV/m) + Correction Factor (dB)
2. Correction Factor (dB) = 20log(D) – 104.8; where D is the measurement distance at 3 meters.

NR n77 SCS 30 kHz (3.45 GHz ~ 3.55 GHz), 2TX, Channel Bandwidth: 60 MHz

Modulation	Channel	Channel Frequency (MHz)	Field Strength (dBµV/m)	Correction Factor (dB)	EIRP (mW)	EIRP (dBm)	EIRP Limit (dBm)
BPSK	632000	3480	124.36	-95.26	812.831	29.1	30
	633334	3500.01	124.37	-95.26	814.704	29.11	30
	634666	3519.99	124.21	-95.26	785.236	28.95	30
QPSK	632000	3480	124.44	-95.26	827.942	29.18	30
	633334	3500.01	124.46	-95.26	831.764	29.2	30
	634666	3519.99	124.29	-95.26	799.834	29.03	30
16QAM	632000	3480	123.47	-95.26	662.217	28.21	30
	633334	3500.01	123.53	-95.26	671.429	28.27	30
	634666	3519.99	123.35	-95.26	644.169	28.09	30
64QAM	632000	3480	122.49	-95.26	528.445	27.23	30
	633334	3500.01	122.52	-95.26	532.108	27.26	30
	634666	3519.99	122.34	-95.26	510.505	27.08	30
256QAM	632000	3480	119.93	-95.26	293.089	24.67	30
	633334	3500.01	119.96	-95.26	295.121	24.7	30
	634666	3519.99	119.79	-95.26	283.792	24.53	30

Notes:

1. EIRP (dBm) = Field Strength (dBµV/m) + Correction Factor (dB)
2. Correction Factor (dB) = 20log(D) – 104.8; where D is the measurement distance at 3 meters.

NR n77 SCS 30 kHz (3.45 GHz ~ 3.55 GHz), 2TX, Channel Bandwidth: 70 MHz

Modulation	Channel	Channel Frequency (MHz)	Field Strength (dBµV/m)	Correction Factor (dB)	EIRP (mW)	EIRP (dBm)	EIRP Limit (dBm)
BPSK	632334	3485.01	124.32	-95.26	805.378	29.06	30
	633334	3500.01	124.29	-95.26	799.834	29.03	30
	634332	3514.98	124.5	-95.26	839.46	29.24	30
QPSK	632334	3485.01	124.42	-95.26	824.138	29.16	30
	633334	3500.01	124.39	-95.26	818.465	29.13	30
	634332	3514.98	124.61	-95.26	860.994	29.35	30
16QAM	632334	3485.01	123.48	-95.26	663.743	28.22	30
	633334	3500.01	123.42	-95.26	654.636	28.16	30
	634332	3514.98	123.68	-95.26	695.024	28.42	30
64QAM	632334	3485.01	122.47	-95.26	526.017	27.21	30
	633334	3500.01	122.4	-95.26	517.607	27.14	30
	634332	3514.98	122.66	-95.26	549.541	27.4	30
256QAM	632334	3485.01	119.9	-95.26	291.072	24.64	30
	633334	3500.01	119.84	-95.26	287.078	24.58	30
	634332	3514.98	120.1	-95.26	304.789	24.84	30

Notes:

1. EIRP (dBm) = Field Strength (dBµV/m) + Correction Factor (dB)
2. Correction Factor (dB) = 20log(D) – 104.8; where D is the measurement distance at 3 meters.

NR n77 SCS 30 kHz (3.45 GHz ~ 3.55 GHz), 2TX, Channel Bandwidth: 80 MHz

Modulation	Channel	Channel Frequency (MHz)	Field Strength (dBµV/m)	Correction Factor (dB)	EIRP (mW)	EIRP (dBm)	EIRP Limit (dBm)
BPSK	632668	3490.02	124.33	-95.26	807.235	29.07	30
	633334	3500.01	124.36	-95.26	812.831	29.1	30
	634000	3510	124.19	-95.26	781.628	28.93	30
QPSK	632668	3490.02	124.44	-95.26	827.942	29.18	30
	633334	3500.01	124.46	-95.26	831.764	29.2	30
	634000	3510	124.29	-95.26	799.834	29.03	30
16QAM	632668	3490.02	123.49	-95.26	665.273	28.23	30
	633334	3500.01	123.51	-95.26	668.344	28.25	30
	634000	3510	123.36	-95.26	645.654	28.1	30
64QAM	632668	3490.02	122.48	-95.26	527.23	27.22	30
	633334	3500.01	122.5	-95.26	529.663	27.24	30
	634000	3510	122.35	-95.26	511.682	27.09	30
256QAM	632668	3490.02	119.95	-95.26	294.442	24.69	30
	633334	3500.01	119.96	-95.26	295.121	24.7	30
	634000	3510	119.79	-95.26	283.792	24.53	30

Notes:

1. EIRP (dBm) = Field Strength (dBµV/m) + Correction Factor (dB)
2. Correction Factor (dB) = 20log(D) – 104.8; where D is the measurement distance at 3 meters.

NR n77 SCS 30 kHz (3.45 GHz ~ 3.55 GHz), 2TX, Channel Bandwidth: 90 MHz

Modulation	Channel	Channel Frequency (MHz)	Field Strength (dBµV/m)	Correction Factor (dB)	EIRP (mW)	EIRP (dBm)	EIRP Limit (dBm)
BPSK	633000	3495	124.32	-95.26	805.378	29.06	30
	633334	3500.01	124.29	-95.26	799.834	29.03	30
	633666	3504.99	124.53	-95.26	845.279	29.27	30
QPSK	633000	3495	124.42	-95.26	824.138	29.16	30
	633334	3500.01	124.39	-95.26	818.465	29.13	30
	633666	3504.99	124.61	-95.26	860.994	29.35	30
16QAM	633000	3495	123.45	-95.26	659.174	28.19	30
	633334	3500.01	123.45	-95.26	659.174	28.19	30
	633666	3504.99	123.67	-95.26	693.426	28.41	30
64QAM	633000	3495	122.47	-95.26	526.017	27.21	30
	633334	3500.01	122.44	-95.26	522.396	27.18	30
	633666	3504.99	122.67	-95.26	550.808	27.41	30
256QAM	633000	3495	119.92	-95.26	292.415	24.66	30
	633334	3500.01	119.91	-95.26	291.743	24.65	30
	633666	3504.99	120.12	-95.26	306.196	24.86	30

Notes:

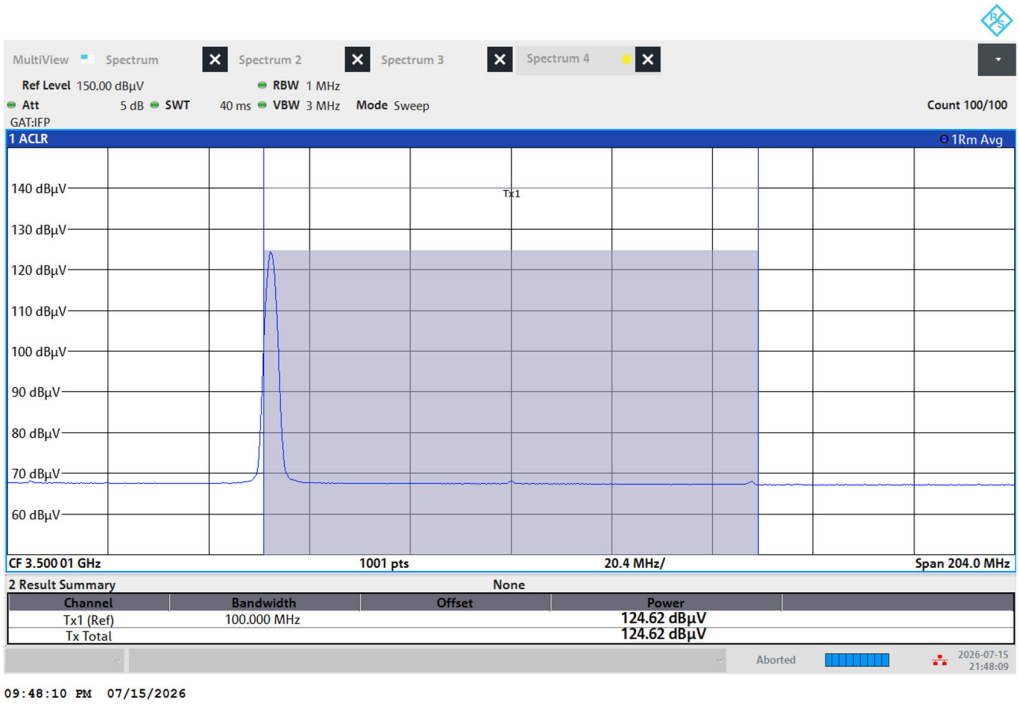
1. EIRP (dBm) = Field Strength (dBµV/m) + Correction Factor (dB)
2. Correction Factor (dB) = 20log(D) – 104.8; where D is the measurement distance at 3 meters.

NR n77 SCS 30 kHz (3.45 GHz ~ 3.55 GHz), 2TX, Channel Bandwidth: 100 MHz

Modulation	Channel	Channel Frequency (MHz)	Field Strength (dBµV/m)	Correction Factor (dB)	EIRP (mW)	EIRP (dBm)	EIRP Limit (dBm)
BPSK	633334	3500.01	124.53	-95.26	845.279	29.27	30
QPSK	633334	3500.01	124.62	-95.26	862.979	29.36	30
16QAM	633334	3500.01	123.66	-95.26	691.831	28.4	30
64QAM	633334	3500.01	122.66	-95.26	549.541	27.4	30
256QAM	633334	3500.01	120.13	-95.26	306.902	24.87	30

Notes:

1. EIRP (dBm) = Field Strength (dBµV/m) + Correction Factor (dB)
2. Correction Factor (dB) = 20log(D) – 104.8; where D is the measurement distance at 3 meters.



7.1.19NR n77 SCS 30 kHz (3.7 GHz ~ 3.98 GHz)

NR n77 SCS 30 kHz (3.7 GHz ~ 3.98 GHz), 1TX, Channel Bandwidth: 10 MHz

Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)		
			CH 647000	CH 656000	CH 665000
			3705 MHz	3840 MHz	3975 MHz
BPSK	1	1	25.87	26.14	26.03
	1	0	22.34	22.66	22.55
QPSK	1	1	25.91	26.26	26.13
	1	0	22.36	22.65	22.51
	1	11	25.84	26.22	26.01
	1	22	25.86	26.2	26.09
	1	23	22.39	22.67	22.52
	12	0	24.85	25.11	25.04
	12	6	25.89	26.2	25.98
	12	12	24.84	25.2	25.1
	24	0	24.88	25.21	25.08
16QAM	1	0	22.26	22.65	22.56
64QAM	1	0	21.82	22.23	21.98
256QAM	1	0	21.38	21.59	21.61

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
BPSK	22.34	26.14	25.9	29.7	30
QPSK	22.36	26.26	25.92	29.82	30
16QAM	22.26	22.65	25.82	26.21	30
64QAM	21.82	22.23	25.38	25.79	30
256QAM	21.38	21.61	24.94	25.17	30

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

NR n77 SCS 30 kHz (3.7 GHz ~ 3.98 GHz), 1TX, Channel Bandwidth: 15 MHz

Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)		
			CH 647168	CH 656000	CH 664832
			3707.52 MHz	3840 MHz	3972.48 MHz
BPSK	1	1	25.88	26.17	26.01
	1	0	22.41	22.68	22.53
QPSK	1	1	25.93	26.27	26.13
	1	0	22.35	22.63	22.54
	1	19	25.88	26.23	26.04
	1	36	25.86	26.16	26.06
	1	37	22.34	22.72	22.57
	18	0	24.89	25.13	24.99
	18	10	25.9	26.12	26.01
	18	20	24.87	25.19	25.06
	36	0	24.92	25.21	25.1
	38	0	22.84	23.14	23.04
16QAM	1	0	22.34	22.65	22.62
64QAM	1	0	21.8	22.14	22.01
256QAM	1	0	21.4	21.72	21.55

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
BPSK	22.41	26.17	25.97	29.73	30
QPSK	22.34	26.27	25.9	29.83	30
16QAM	22.34	22.65	25.9	26.21	30
64QAM	21.8	22.14	25.36	25.7	30
256QAM	21.4	21.72	24.96	25.28	30

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

NR n77 SCS 30 kHz (3.7 GHz ~ 3.98 GHz), 1TX, Channel Bandwidth: 20 MHz

Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)		
			CH 647334	CH 656000	CH 664666
			3710.01 MHz	3840 MHz	3969.99 MHz
BPSK	1	1	25.83	26.19	26.09
	1	0	22.36	22.74	22.58
QPSK	1	1	25.94	26.28	26.13
	1	0	22.34	22.67	22.52
	1	26	25.87	26.21	26.02
	1	49	25.88	26.14	26.01
	1	50	22.34	22.71	22.59
	25	0	24.78	25.16	24.99
	25	13	25.85	26.2	26
	25	26	24.87	25.12	25.08
	50	0	24.91	25.26	25.09
	51	0	22.82	23.18	22.98
16QAM	1	0	22.38	22.61	22.55
64QAM	1	0	21.82	22.19	22.02
256QAM	1	0	21.41	21.63	21.59

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
BPSK	22.36	26.19	25.92	29.75	30
QPSK	22.34	26.28	25.9	29.84	30
16QAM	22.38	22.61	25.94	26.17	30
64QAM	21.82	22.19	25.38	25.75	30
256QAM	21.41	21.63	24.97	25.19	30

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

NR n77 SCS 30 kHz (3.7 GHz ~ 3.98 GHz), 1TX, Channel Bandwidth: 25 MHz

Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)		
			CH 647500	CH 656000	CH 664500
			3712.5 MHz	3840 MHz	3967.5 MHz
BPSK	1	1	25.84	26.14	26.09
	1	0	22.38	22.67	22.6
QPSK	1	1	25.92	26.28	26.12
	1	0	22.4	22.61	22.48
	1	33	25.86	26.21	26.05
	1	63	25.81	26.22	26.02
	1	64	22.34	22.71	22.59
	32	0	24.8	25.11	24.99
	32	17	25.84	26.21	25.98
	32	33	24.81	25.22	25.03
	64	0	24.91	25.26	25.12
	65	0	22.87	23.09	23
16QAM	1	0	22.37	22.72	22.5
64QAM	1	0	21.82	22.26	22
256QAM	1	0	21.33	21.68	21.58

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
BPSK	22.38	26.14	25.94	29.7	30
QPSK	22.34	26.28	25.9	29.84	30
16QAM	22.37	22.72	25.93	26.28	30
64QAM	21.82	22.26	25.38	25.82	30
256QAM	21.33	21.68	24.89	25.24	30

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

NR n77 SCS 30 kHz (3.7 GHz ~ 3.98 GHz), 1TX, Channel Bandwidth: 30 MHz

Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)		
			CH 647668	CH 656000	CH 664332
			3715.02 MHz	3840 MHz	3964.98 MHz
BPSK	1	1	25.85	26.22	26.04
	1	0	22.37	22.64	22.61
QPSK	1	1	25.93	26.26	26.11
	1	0	22.35	22.65	22.6
	1	39	25.89	26.15	26.05
	1	76	25.82	26.18	26.04
	1	77	22.4	22.65	22.58
	36	0	24.78	25.22	25.01
	36	21	25.85	26.21	26.06
	36	42	24.86	25.23	25.05
	75	0	24.9	25.24	25.08
	78	0	22.77	23.11	22.99
16QAM	1	0	22.3	22.75	22.56
64QAM	1	0	21.82	22.12	22.01
256QAM	1	0	21.31	21.74	21.47

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
BPSK	22.37	26.22	25.93	29.78	30
QPSK	22.35	26.26	25.91	29.82	30
16QAM	22.3	22.75	25.86	26.31	30
64QAM	21.82	22.12	25.38	25.68	30
256QAM	21.31	21.74	24.87	25.3	30

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

NR n77 SCS 30 kHz (3.7 GHz ~ 3.98 GHz), 1TX, Channel Bandwidth: 40 MHz

Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)		
			CH 648000	CH 656000	CH 664000
			3720 MHz	3840 MHz	3960 MHz
BPSK	1	1	25.83	26.21	26.03
	1	0	22.4	22.7	22.53
QPSK	1	1	25.92	26.27	26.13
	1	0	22.3	22.64	22.5
	1	53	25.87	26.14	26.03
	1	104	25.87	26.19	26.01
	1	105	22.35	22.72	22.6
	50	0	24.85	25.13	25.07
	50	28	25.83	26.16	25.99
	50	56	24.86	25.21	25.05
	100	0	24.89	25.23	25.08
	106	0	22.84	23.2	23.04
16QAM	1	0	22.39	22.72	22.62
64QAM	1	0	21.85	22.23	22.05
256QAM	1	0	21.29	21.69	21.47

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
BPSK	22.4	26.21	25.96	29.77	30
QPSK	22.3	26.27	25.86	29.83	30
16QAM	22.39	22.72	25.95	26.28	30
64QAM	21.85	22.23	25.41	25.79	30
256QAM	21.29	21.69	24.85	25.25	30

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

NR n77 SCS 30 kHz (3.7 GHz ~ 3.98 GHz), 1TX, Channel Bandwidth: 50 MHz

Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)		
			CH 648334	CH 656000	CH 663666
			3725.01 MHz	3840 MHz	3954.99 MHz
BPSK	1	1	25.96	26.33	26.19
	1	0	22.46	22.82	22.7
QPSK	1	1	25.96	26.31	26.14
	1	0	22.4	22.69	22.65
	1	67	26.01	26.3	26.17
	1	131	26.02	26.3	26.17
	1	132	22.43	22.79	22.59
	64	0	24.77	25.31	25.1
	64	35	26	26.33	26.14
	64	69	24.82	25.35	25.14
	128	0	24.82	25.23	25.06
	133	0	22.82	23.26	23.14
16QAM	1	0	22.24	22.69	22.67
64QAM	1	0	22.42	22.82	22.64
256QAM	1	0	21.29	21.73	21.64

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
BPSK	22.46	26.33	26.02	29.89	30
QPSK	22.4	26.33	25.96	29.89	30
16QAM	22.24	22.69	25.8	26.25	30
64QAM	22.42	22.82	25.98	26.38	30
256QAM	21.29	21.73	24.85	25.29	30

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

NR n77 SCS 30 kHz (3.7 GHz ~ 3.98 GHz), 1TX, Channel Bandwidth: 60 MHz

Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)		
			CH 648668	CH 656000	CH 663332
			3730.02 MHz	3840 MHz	3949.98 MHz
BPSK	1	1	25.85	26.22	26.01
	1	0	22.37	22.65	22.55
QPSK	1	1	25.95	26.26	26.15
	1	0	22.32	22.7	22.48
	1	81	25.82	26.21	26.01
	1	160	25.82	26.23	26.09
	1	161	22.36	22.71	22.59
	81	0	24.87	25.18	24.99
	81	41	25.79	26.23	26.1
	81	81	24.86	25.18	24.99
	162	0	24.92	25.26	25.09
16QAM	1	0	22.38	22.7	22.6
64QAM	1	0	21.91	22.16	22.01
256QAM	1	0	21.33	21.61	21.48

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
BPSK	22.37	26.22	25.93	29.78	30
QPSK	22.32	26.26	25.88	29.82	30
16QAM	22.38	22.7	25.94	26.26	30
64QAM	21.91	22.16	25.47	25.72	30
256QAM	21.33	21.61	24.89	25.17	30

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

NR n77 SCS 30 kHz (3.7 GHz ~ 3.98 GHz), 1TX, Channel Bandwidth: 70 MHz

Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)		
			CH 649000	CH 656000	CH 663000
			3735 MHz	3840 MHz	3945 MHz
BPSK	1	1	25.83	26.16	26.05
	1	0	22.39	22.65	22.61
QPSK	1	1	25.94	26.29	26.12
	1	0	22.3	22.66	22.57
	1	95	25.82	26.19	26.01
	1	187	25.81	26.19	26.07
	1	188	22.37	22.7	22.6
	90	0	24.79	25.11	25.1
	90	50	25.8	26.12	26.02
	90	99	24.84	25.19	25.02
	180	0	24.88	25.25	25.09
	189	0	22.8	23.14	23.04
16QAM	1	0	22.27	22.63	22.49
64QAM	1	0	21.85	22.19	22.12
256QAM	1	0	21.39	21.73	21.49

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
BPSK	22.39	26.16	25.95	29.72	30
QPSK	22.3	26.29	25.86	29.85	30
16QAM	22.27	22.63	25.83	26.19	30
64QAM	21.85	22.19	25.41	25.75	30
256QAM	21.39	21.73	24.95	25.29	30

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

NR n77 SCS 30 kHz (3.7 GHz ~ 3.98 GHz), 1TX, Channel Bandwidth: 80 MHz

Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)		
			CH 649334	CH 656000	CH 662666
			3740.01 MHz	3840 MHz	3939.99 MHz
BPSK	1	1	25.86	26.17	26.06
	1	0	22.39	22.73	22.56
QPSK	1	1	25.94	26.27	26.11
	1	0	22.3	22.65	22.56
	1	109	25.82	26.15	26.05
	1	215	25.85	26.15	26.09
	1	216	22.36	22.73	22.56
	108	0	24.9	25.13	25.03
	108	55	25.79	26.13	26.1
	108	109	24.79	25.21	25.04
	216	0	24.9	25.24	25.11
	217	0	22.82	23.14	23.04
16QAM	1	0	22.38	22.6	22.48
64QAM	1	0	21.77	22.21	21.98
256QAM	1	0	21.37	21.66	21.57

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
BPSK	22.39	26.17	25.95	29.73	30
QPSK	22.3	26.27	25.86	29.83	30
16QAM	22.38	22.6	25.94	26.16	30
64QAM	21.77	22.21	25.33	25.77	30
256QAM	21.37	21.66	24.93	25.22	30

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

NR n77 SCS 30 kHz (3.7 GHz ~ 3.98 GHz), 1TX, Channel Bandwidth: 90 MHz

Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)		
			CH 649668	CH 656000	CH 662332
			3745.02 MHz	3840 MHz	3934.98 MHz
BPSK	1	1	25.87	26.16	26.09
	1	0	22.41	22.65	22.55
QPSK	1	1	25.92	26.25	26.11
	1	0	22.4	22.66	22.53
	1	123	25.81	26.15	26.08
	1	243	25.9	26.22	26.07
	1	244	22.32	22.68	22.59
	120	0	24.88	25.19	25.05
	120	63	25.78	26.2	26.04
	120	125	24.87	25.22	25.07
	243	0	24.88	25.21	25.12
	245	0	22.8	23.19	23.03
16QAM	1	0	22.38	22.63	22.48
64QAM	1	0	21.87	22.11	22.12
256QAM	1	0	21.34	21.59	21.59

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
BPSK	22.41	26.16	25.97	29.72	30
QPSK	22.32	26.25	25.88	29.81	30
16QAM	22.38	22.63	25.94	26.19	30
64QAM	21.87	22.12	25.43	25.68	30
256QAM	21.34	21.59	24.9	25.15	30

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

NR n77 SCS 30 kHz (3.7 GHz ~ 3.98 GHz), 1TX, Channel Bandwidth: 100 MHz

Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)		
			CH 650000	CH 656000	CH 662000
			3750 MHz	3840 MHz	3930 MHz
BPSK	1	1	25.97	26.31	26.13
	1	0	22.49	22.8	22.68
QPSK	1	1	26.04	26.37	26.23
	1	0	22.44	22.71	22.65
	1	137	25.93	26.27	26.18
	1	271	25.96	26.33	26.17
	1	272	22.45	22.82	22.61
	135	0	24.92	25.23	25.19
	135	69	25.99	26.27	26.14
	135	138	24.89	25.23	25.08
	270	0	25.02	25.33	25.21
	273	0	22.89	23.26	23.1
16QAM	1	0	22.49	22.85	22.7
64QAM	1	0	21.92	22.28	22.08
256QAM	1	0	21.53	21.72	21.66

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
BPSK	22.49	26.31	26.05	29.87	30
QPSK	22.44	26.37	26	29.93	30
16QAM	22.49	22.85	26.05	26.41	30
64QAM	21.92	22.28	25.48	25.84	30
256QAM	21.53	21.72	25.09	25.28	30

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

NR n77 SCS 30 kHz (3.7 GHz ~ 3.98 GHz), 2TX, Channel Bandwidth: 10 MHz

Modulation	Channel	Channel Frequency (MHz)	Field Strength (dBµV/m)	Correction Factor (dB)	EIRP (mW)	EIRP (dBm)	EIRP Limit (dBm)
BPSK	647000	3705	124.12	-95.26	769.13	28.86	30
	656000	3840	124.16	-95.26	776.247	28.9	30
	665000	3975	124.44	-95.26	827.942	29.18	30
QPSK	647000	3705	124.24	-95.26	790.679	28.98	30
	656000	3840	124.25	-95.26	792.501	28.99	30
	665000	3975	124.54	-95.26	847.227	29.28	30
16QAM	647000	3705	123.3	-95.26	636.796	28.04	30
	656000	3840	123.32	-95.26	639.735	28.06	30
	665000	3975	123.59	-95.26	680.769	28.33	30
64QAM	647000	3705	122.28	-95.26	503.501	27.02	30
	656000	3840	122.33	-95.26	509.331	27.07	30
	665000	3975	122.61	-95.26	543.25	27.35	30
256QAM	647000	3705	119.75	-95.26	281.19	24.49	30
	656000	3840	119.78	-95.26	283.139	24.52	30
	665000	3975	120.08	-95.26	303.389	24.82	30

Notes:

1. EIRP (dBm) = Field Strength (dBµV/m) + Correction Factor (dB)
2. Correction Factor (dB) = 20log(D) – 104.8; where D is the measurement distance at 3 meters.

NR n77 SCS 30 kHz (3.7 GHz ~ 3.98 GHz), 2TX, Channel Bandwidth: 15 MHz

Modulation	Channel	Channel Frequency (MHz)	Field Strength (dBµV/m)	Correction Factor (dB)	EIRP (mW)	EIRP (dBm)	EIRP Limit (dBm)
BPSK	647168	3707.52	124.31	-95.26	803.526	29.05	30
	656000	3840	124.38	-95.26	816.582	29.12	30
	664832	3972.48	124.38	-95.26	816.582	29.12	30
QPSK	647168	3707.52	124.41	-95.26	822.243	29.15	30
	656000	3840	124.46	-95.26	831.764	29.2	30
	664832	3972.48	124.5	-95.26	839.46	29.24	30
16QAM	647168	3707.52	123.46	-95.26	660.693	28.2	30
	656000	3840	123.5	-95.26	666.807	28.24	30
	664832	3972.48	123.57	-95.26	677.642	28.31	30
64QAM	647168	3707.52	122.48	-95.26	527.23	27.22	30
	656000	3840	122.52	-95.26	532.108	27.26	30
	664832	3972.48	122.58	-95.26	539.511	27.32	30
256QAM	647168	3707.52	119.91	-95.26	291.743	24.65	30
	656000	3840	119.96	-95.26	295.121	24.7	30
	664832	3972.48	120.05	-95.26	301.301	24.79	30

Notes:

1. EIRP (dBm) = Field Strength (dBµV/m) + Correction Factor (dB)
2. Correction Factor (dB) = 20log(D) – 104.8; where D is the measurement distance at 3 meters.

NR n77 SCS 30 kHz (3.7 GHz ~ 3.98 GHz), 2TX, Channel Bandwidth: 20 MHz

Modulation	Channel	Channel Frequency (MHz)	Field Strength (dBµV/m)	Correction Factor (dB)	EIRP (mW)	EIRP (dBm)	EIRP Limit (dBm)
BPSK	647334	3710.01	124.38	-95.26	816.582	29.12	30
	656000	3840	124.29	-95.26	799.834	29.03	30
	664666	3969.99	124.1	-95.26	765.597	28.84	30
QPSK	647334	3710.01	124.46	-95.26	831.764	29.2	30
	656000	3840	124.4	-95.26	820.352	29.14	30
	664666	3969.99	124.21	-95.26	785.236	28.95	30
16QAM	647334	3710.01	123.52	-95.26	669.885	28.26	30
	656000	3840	123.43	-95.26	656.145	28.17	30
	664666	3969.99	123.26	-95.26	630.957	28	30
64QAM	647334	3710.01	122.52	-95.26	532.108	27.26	30
	656000	3840	122.42	-95.26	519.996	27.16	30
	664666	3969.99	122.25	-95.26	500.035	26.99	30
256QAM	647334	3710.01	119.99	-95.26	297.167	24.73	30
	656000	3840	119.88	-95.26	289.734	24.62	30
	664666	3969.99	119.7	-95.26	277.971	24.44	30

Notes:

1. EIRP (dBm) = Field Strength (dBµV/m) + Correction Factor (dB)
2. Correction Factor (dB) = 20log(D) – 104.8; where D is the measurement distance at 3 meters.

NR n77 SCS 30 kHz (3.7 GHz ~ 3.98 GHz), 2TX, Channel Bandwidth: 25 MHz

Modulation	Channel	Channel Frequency (MHz)	Field Strength (dBµV/m)	Correction Factor (dB)	EIRP (mW)	EIRP (dBm)	EIRP Limit (dBm)
BPSK	647500	3712.5	124.17	-95.26	778.037	28.91	30
	656000	3840	124.14	-95.26	772.681	28.88	30
	664500	3967.5	124.42	-95.26	824.138	29.16	30
QPSK	647500	3712.5	124.25	-95.26	792.501	28.99	30
	656000	3840	124.22	-95.26	787.046	28.96	30
	664500	3967.5	124.54	-95.26	847.227	29.28	30
16QAM	647500	3712.5	123.3	-95.26	636.796	28.04	30
	656000	3840	123.29	-95.26	635.331	28.03	30
	664500	3967.5	123.58	-95.26	679.204	28.32	30
64QAM	647500	3712.5	122.32	-95.26	508.159	27.06	30
	656000	3840	122.29	-95.26	504.661	27.03	30
	664500	3967.5	122.6	-95.26	542.001	27.34	30
256QAM	647500	3712.5	119.78	-95.26	283.139	24.52	30
	656000	3840	119.75	-95.26	281.19	24.49	30
	664500	3967.5	120.05	-95.26	301.301	24.79	30

Notes:

1. EIRP (dBm) = Field Strength (dBµV/m) + Correction Factor (dB)
2. Correction Factor (dB) = 20log(D) – 104.8; where D is the measurement distance at 3 meters.

NR n77 SCS 30 kHz (3.7 GHz ~ 3.98 GHz), 2TX, Channel Bandwidth: 30 MHz

Modulation	Channel	Channel Frequency (MHz)	Field Strength (dBµV/m)	Correction Factor (dB)	EIRP (mW)	EIRP (dBm)	EIRP Limit (dBm)
BPSK	647668	3715.02	124.14	-95.26	772.681	28.88	30
	656000	3840	124.3	-95.26	801.678	29.04	30
	664332	3964.98	124.45	-95.26	829.851	29.19	30
QPSK	647668	3715.02	124.25	-95.26	792.501	28.99	30
	656000	3840	124.4	-95.26	820.352	29.14	30
	664332	3964.98	124.55	-95.26	849.18	29.29	30
16QAM	647668	3715.02	123.31	-95.26	638.263	28.05	30
	656000	3840	123.43	-95.26	656.145	28.17	30
	664332	3964.98	123.61	-95.26	683.912	28.35	30
64QAM	647668	3715.02	122.32	-95.26	508.159	27.06	30
	656000	3840	122.45	-95.26	523.6	27.19	30
	664332	3964.98	122.59	-95.26	540.754	27.33	30
256QAM	647668	3715.02	119.75	-95.26	281.19	24.49	30
	656000	3840	119.9	-95.26	291.072	24.64	30
	664332	3964.98	120.05	-95.26	301.301	24.79	30

Notes:

1. EIRP (dBm) = Field Strength (dBµV/m) + Correction Factor (dB)
2. Correction Factor (dB) = 20log(D) – 104.8; where D is the measurement distance at 3 meters.

NR n77 SCS 30 kHz (3.7 GHz ~ 3.98 GHz), 2TX, Channel Bandwidth: 40 MHz

Modulation	Channel	Channel Frequency (MHz)	Field Strength (dBµV/m)	Correction Factor (dB)	EIRP (mW)	EIRP (dBm)	EIRP Limit (dBm)
BPSK	648000	3720	124.33	-95.26	807.235	29.07	30
	656000	3840	124.43	-95.26	826.038	29.17	30
	664000	3960	124.13	-95.26	770.903	28.87	30
QPSK	648000	3720	124.45	-95.26	829.851	29.19	30
	656000	3840	124.54	-95.26	847.227	29.28	30
	664000	3960	124.22	-95.26	787.046	28.96	30
16QAM	648000	3720	123.52	-95.26	669.885	28.26	30
	656000	3840	123.59	-95.26	680.769	28.33	30
	664000	3960	123.27	-95.26	632.412	28.01	30
64QAM	648000	3720	122.5	-95.26	529.663	27.24	30
	656000	3840	122.6	-95.26	542.001	27.34	30
	664000	3960	122.28	-95.26	503.501	27.02	30
256QAM	648000	3720	119.95	-95.26	294.442	24.69	30
	656000	3840	120.06	-95.26	301.995	24.8	30
	664000	3960	119.75	-95.26	281.19	24.49	30

Notes:

1. EIRP (dBm) = Field Strength (dBµV/m) + Correction Factor (dB)
2. Correction Factor (dB) = 20log(D) – 104.8; where D is the measurement distance at 3 meters.

NR n77 SCS 30 kHz (3.7 GHz ~ 3.98 GHz), 2TX, Channel Bandwidth: 50 MHz

Modulation	Channel	Channel Frequency (MHz)	Field Strength (dBµV/m)	Correction Factor (dB)	EIRP (mW)	EIRP (dBm)	EIRP Limit (dBm)
BPSK	648334	3725.01	124.25	-95.26	792.501	28.99	30
	656000	3840	124.21	-95.26	785.236	28.95	30
	663666	3954.99	124.2	-95.26	783.43	28.94	30
QPSK	648334	3725.01	124.37	-95.26	814.704	29.11	30
	656000	3840	124.31	-95.26	803.526	29.05	30
	663666	3954.99	124.32	-95.26	805.378	29.06	30
16QAM	648334	3725.01	123.41	-95.26	653.131	28.15	30
	656000	3840	123.36	-95.26	645.654	28.1	30
	663666	3954.99	123.39	-95.26	650.13	28.13	30
64QAM	648334	3725.01	122.4	-95.26	517.607	27.14	30
	656000	3840	122.38	-95.26	515.229	27.12	30
	663666	3954.99	122.38	-95.26	515.229	27.12	30
256QAM	648334	3725.01	119.85	-95.26	287.74	24.59	30
	656000	3840	119.81	-95.26	285.102	24.55	30
	663666	3954.99	119.83	-95.26	286.418	24.57	30

Notes:

1. EIRP (dBm) = Field Strength (dBµV/m) + Correction Factor (dB)
2. Correction Factor (dB) = 20log(D) – 104.8; where D is the measurement distance at 3 meters.

NR n77 SCS 30 kHz (3.7 GHz ~ 3.98 GHz), 2TX, Channel Bandwidth: 60 MHz

Modulation	Channel	Channel Frequency (MHz)	Field Strength (dBµV/m)	Correction Factor (dB)	EIRP (mW)	EIRP (dBm)	EIRP Limit (dBm)
BPSK	648668	3730.02	124.41	-95.26	822.243	29.15	30
	656000	3840	124.33	-95.26	807.235	29.07	30
	663332	3949.98	124.1	-95.26	765.597	28.84	30
QPSK	648668	3730.02	124.53	-95.26	845.279	29.27	30
	656000	3840	124.43	-95.26	826.038	29.17	30
	663332	3949.98	124.21	-95.26	785.236	28.95	30
16QAM	648668	3730.02	123.56	-95.26	676.083	28.3	30
	656000	3840	123.49	-95.26	665.273	28.23	30
	663332	3949.98	123.24	-95.26	628.058	27.98	30
64QAM	648668	3730.02	122.54	-95.26	534.564	27.28	30
	656000	3840	122.5	-95.26	529.663	27.24	30
	663332	3949.98	122.23	-95.26	497.737	26.97	30
256QAM	648668	3730.02	120.01	-95.26	298.538	24.75	30
	656000	3840	119.93	-95.26	293.089	24.67	30
	663332	3949.98	119.67	-95.26	276.058	24.41	30

Notes:

1. EIRP (dBm) = Field Strength (dBµV/m) + Correction Factor (dB)
2. Correction Factor (dB) = 20log(D) – 104.8; where D is the measurement distance at 3 meters.

NR n77 SCS 30 kHz (3.7 GHz ~ 3.98 GHz), 2TX, Channel Bandwidth: 70 MHz

Modulation	Channel	Channel Frequency (MHz)	Field Strength (dBµV/m)	Correction Factor (dB)	EIRP (mW)	EIRP (dBm)	EIRP Limit (dBm)
BPSK	649000	3735	124.36	-95.26	812.831	29.1	30
	656000	3840	124.46	-95.26	831.764	29.2	30
	663000	3945	124.14	-95.26	772.681	28.88	30
QPSK	649000	3735	124.45	-95.26	829.851	29.19	30
	656000	3840	124.54	-95.26	847.227	29.28	30
	663000	3945	124.22	-95.26	787.046	28.96	30
16QAM	649000	3735	123.5	-95.26	666.807	28.24	30
	656000	3840	123.59	-95.26	680.769	28.33	30
	663000	3945	123.25	-95.26	629.506	27.99	30
64QAM	649000	3735	122.49	-95.26	528.445	27.23	30
	656000	3840	122.58	-95.26	539.511	27.32	30
	663000	3945	122.26	-95.26	501.187	27	30
256QAM	649000	3735	119.96	-95.26	295.121	24.7	30
	656000	3840	120.03	-95.26	299.916	24.77	30
	663000	3945	119.69	-95.26	277.332	24.43	30

Notes:

1. EIRP (dBm) = Field Strength (dBµV/m) + Correction Factor (dB)
2. Correction Factor (dB) = 20log(D) – 104.8; where D is the measurement distance at 3 meters.

NR n77 SCS 30 kHz (3.7 GHz ~ 3.98 GHz), 2TX, Channel Bandwidth: 80 MHz

Modulation	Channel	Channel Frequency (MHz)	Field Strength (dBµV/m)	Correction Factor (dB)	EIRP (mW)	EIRP (dBm)	EIRP Limit (dBm)
BPSK	649334	3740.01	124.43	-95.26	826.038	29.17	30
	656000	3840	124.32	-95.26	805.378	29.06	30
	662666	3939.99	124.09	-95.26	763.836	28.83	30
QPSK	649334	3740.01	124.53	-95.26	845.279	29.27	30
	656000	3840	124.43	-95.26	826.038	29.17	30
	662666	3939.99	124.21	-95.26	785.236	28.95	30
16QAM	649334	3740.01	123.59	-95.26	680.769	28.33	30
	656000	3840	123.48	-95.26	663.743	28.22	30
	662666	3939.99	123.26	-95.26	630.957	28	30
64QAM	649334	3740.01	122.61	-95.26	543.25	27.35	30
	656000	3840	122.46	-95.26	524.807	27.2	30
	662666	3939.99	122.26	-95.26	501.187	27	30
256QAM	649334	3740.01	120.06	-95.26	301.995	24.8	30
	656000	3840	119.92	-95.26	292.415	24.66	30
	662666	3939.99	119.72	-95.26	279.254	24.46	30

Notes:

1. EIRP (dBm) = Field Strength (dBµV/m) + Correction Factor (dB)
2. Correction Factor (dB) = 20log(D) – 104.8; where D is the measurement distance at 3 meters.

NR n77 SCS 30 kHz (3.7 GHz ~ 3.98 GHz), 2TX, Channel Bandwidth: 90 MHz

Modulation	Channel	Channel Frequency (MHz)	Field Strength (dBµV/m)	Correction Factor (dB)	EIRP (mW)	EIRP (dBm)	EIRP Limit (dBm)
BPSK	649668	3745.02	124.33	-95.26	807.235	29.07	30
	656000	3840	124.43	-95.26	826.038	29.17	30
	662332	3934.98	124.11	-95.26	767.361	28.85	30
QPSK	649668	3745.02	124.45	-95.26	829.851	29.19	30
	656000	3840	124.54	-95.26	847.227	29.28	30
	662332	3934.98	124.22	-95.26	787.046	28.96	30
16QAM	649668	3745.02	123.48	-95.26	663.743	28.22	30
	656000	3840	123.59	-95.26	680.769	28.33	30
	662332	3934.98	123.26	-95.26	630.957	28	30
64QAM	649668	3745.02	122.5	-95.26	529.663	27.24	30
	656000	3840	122.61	-95.26	543.25	27.35	30
	662332	3934.98	122.27	-95.26	502.343	27.01	30
256QAM	649668	3745.02	119.96	-95.26	295.121	24.7	30
	656000	3840	120.08	-95.26	303.389	24.82	30
	662332	3934.98	119.73	-95.26	279.898	24.47	30

Notes:

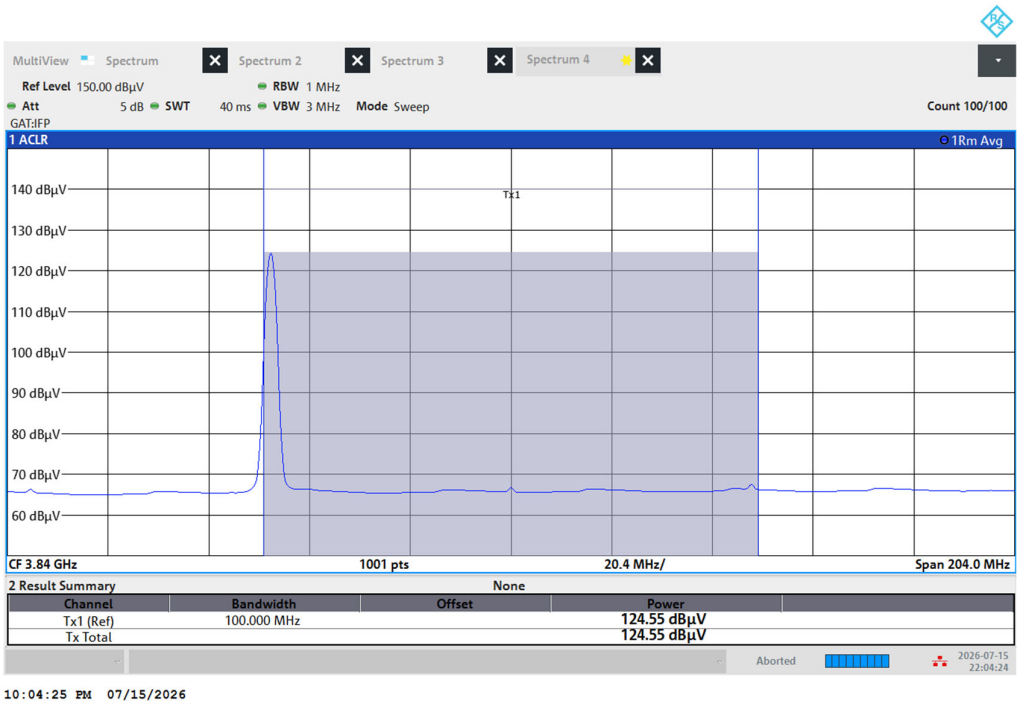
1. EIRP (dBm) = Field Strength (dBµV/m) + Correction Factor (dB)
2. Correction Factor (dB) = 20log(D) – 104.8; where D is the measurement distance at 3 meters.

NR n77 SCS 30 kHz (3.7 GHz ~ 3.98 GHz), 2TX, Channel Bandwidth: 100 MHz

Modulation	Channel	Channel Frequency (MHz)	Field Strength (dBµV/m)	Correction Factor (dB)	EIRP (mW)	EIRP (dBm)	EIRP Limit (dBm)
BPSK	650000	3750	124.47	-95.26	833.681	29.21	30
	656000	3840	124.44	-95.26	827.942	29.18	30
	662000	3930	124.46	-95.26	831.764	29.2	30
QPSK	650000	3750	124.49	-95.26	837.529	29.23	30
	656000	3840	124.55	-95.26	849.18	29.29	30
	662000	3930	124.42	-95.26	824.138	29.16	30
16QAM	650000	3750	123.59	-95.26	680.769	28.33	30
	656000	3840	123.6	-95.26	682.339	28.34	30
	662000	3930	123.61	-95.26	683.912	28.35	30
64QAM	650000	3750	122.6	-95.26	542.001	27.34	30
	656000	3840	122.62	-95.26	544.503	27.36	30
	662000	3930	122.61	-95.26	543.25	27.35	30
256QAM	650000	3750	120.07	-95.26	302.691	24.81	30
	656000	3840	120.09	-95.26	304.089	24.83	30
	662000	3930	120.05	-95.26	301.301	24.79	30

Notes:

1. EIRP (dBm) = Field Strength (dBµV/m) + Correction Factor (dB)
2. Correction Factor (dB) = 20log(D) – 104.8; where D is the measurement distance at 3 meters.


MultiView
Spectrum
Spectrum 2
Spectrum 3
Spectrum 4
Ref Level 150.00 dBµV
RBW 1 MHz
Att 5 dB SWT 40 ms VBW 3 MHz Mode Sweep
Count 100/100
GAT:IFP
1 ACLR
1Rm Avg
140 dBµV
130 dBµV
120 dBµV
110 dBµV
100 dBµV
90 dBµV
80 dBµV
70 dBµV
60 dBµV
Tx1
CF 3.84 GHz
1001 pts
20.4 MHz/
Span 204.0 MHz
2 Result Summary
None
Channel
Bandwidth
Offset
Power
Tx1 (Ref)
100.000 MHz
124.55 dBµV
Tx Total
124.55 dBµV
Aborted
2026-07-15
22:04:24
10:04:25 PM 07/15/2026

7.1.20ENDC Mode

Combination	PCC							SCC						
	Band	BW (MHz)	Modulation	UL Channel	UL Frequency (MHz)	Conducted Power		Band	BW (MHz)	Modulation	UL Channel	UL Frequency (MHz)	Conducted Power	
						(dBm)	(W)						(dBm)	(W)
5G NR n71 + LTE B66	n71	35	QPSK	136100	680.5	23.79	0.239332	B66	20	QPSK	132322	1745	23.94	0.248
5G NR n66 + LTE B14	n66	45	QPSK	349000	1745	23.95	0.248313	B14	10	QPSK	23330	793	23.88	0.244
5G NR n41 + LTE B66	n41	100	QPSK	528000	2640	26.81	0.479733	B66	20	QPSK	132322	1745	23.94	0.248
5G NR n77 + LTE B66	n77	100	QPSK	633334	3500.01	26.37	0.433511	B66	20	QPSK	132322	1745	23.94	0.248

7.2 Modulation Characteristics

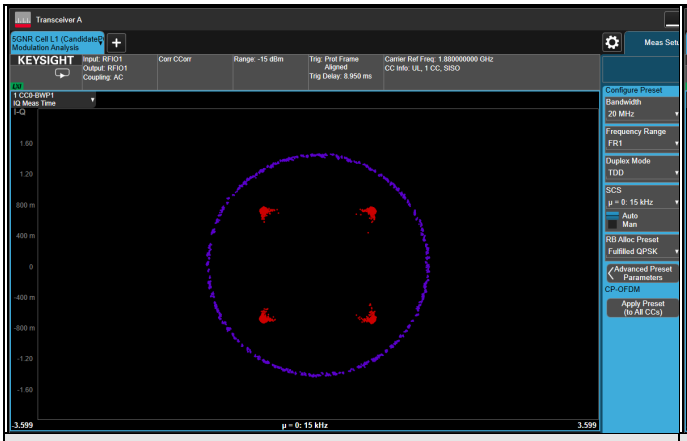
5GNR n5, n7, n12, n13, n14, n25, n26, n30, n66, n70, n71

Piease refer to certified modular device FCC ID: GKRRXLN4N
Grant Date:05/26/2026 test report.

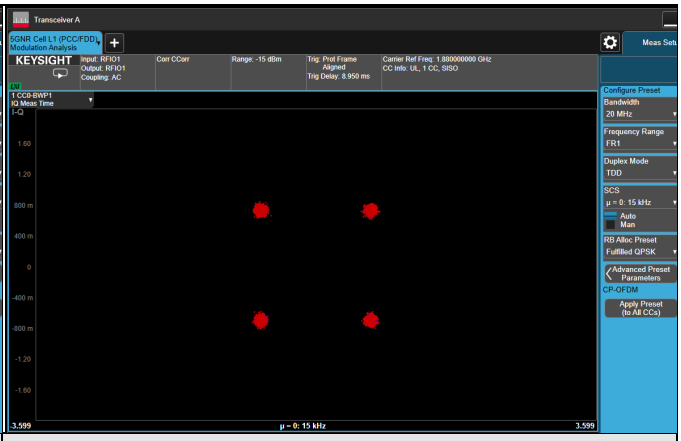
Input Power:	3.85 Vdc	Environmental Conditions:	22°C, 73% RH	Tested By:	Charles Hsiao

7.2.1 NR n2 SCS 15 kHz

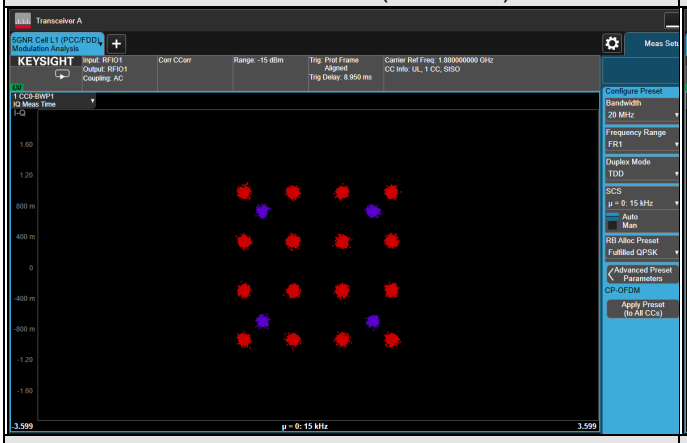
NR n2 SCS 15 kHz, Channel Bandwidth: 40 MHz



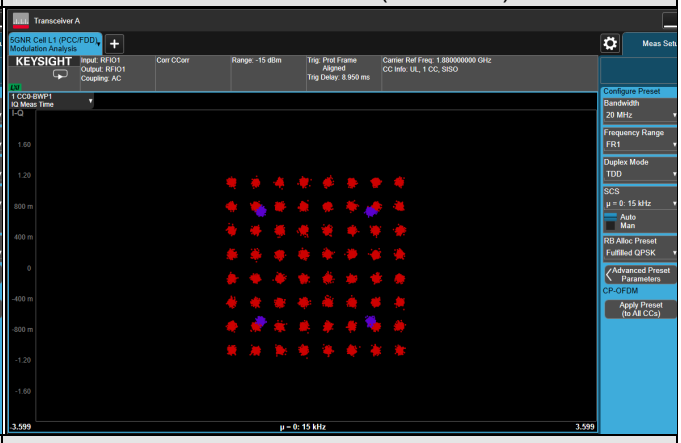
BPSK CH 376000 (1880 MHz)



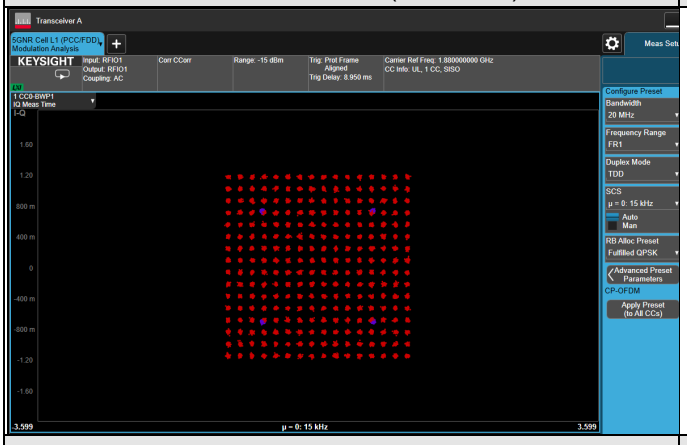
QPSK CH 376000 (1880 MHz)



16QAM CH 376000 (1880 MHz)



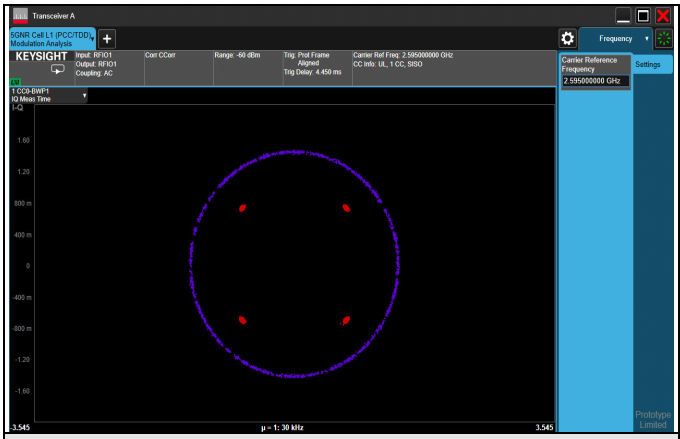
64QAM CH 376000 (1880 MHz)



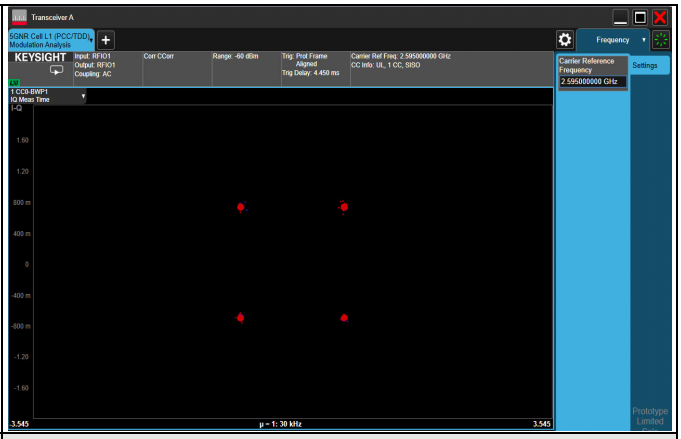
256QAM CH 376000 (1880 MHz)

7.2.2 NR n38 SCS 30 kHz

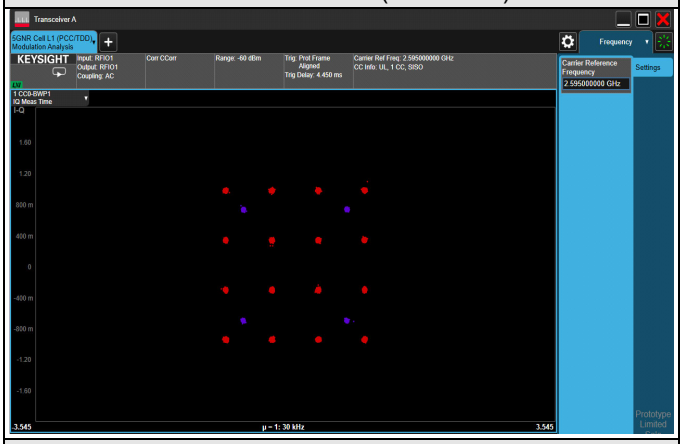
NR n38 SCS 30 kHz, Channel Bandwidth: 40 MHz



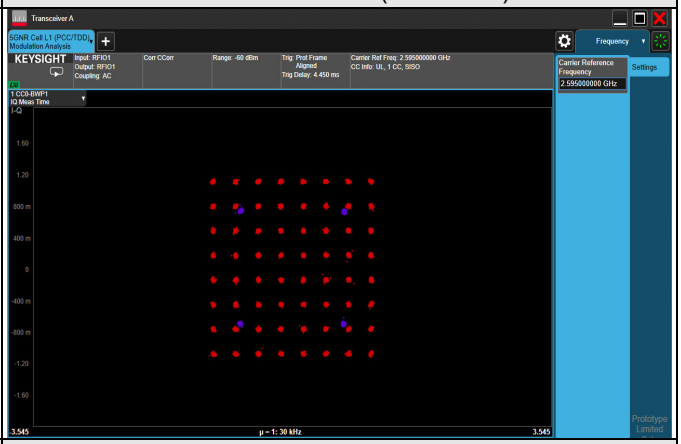
BPSK CH 519000 (2595 MHz)



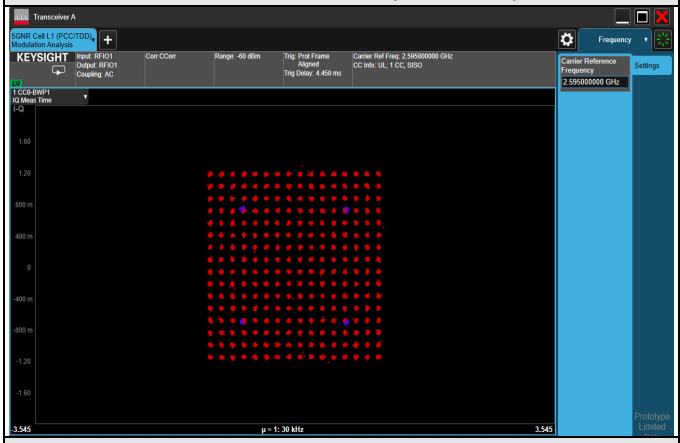
QPSK CH 519000 (2595 MHz)



16QAM CH 519000 (2595 MHz)



64QAM CH 519000 (2595 MHz)

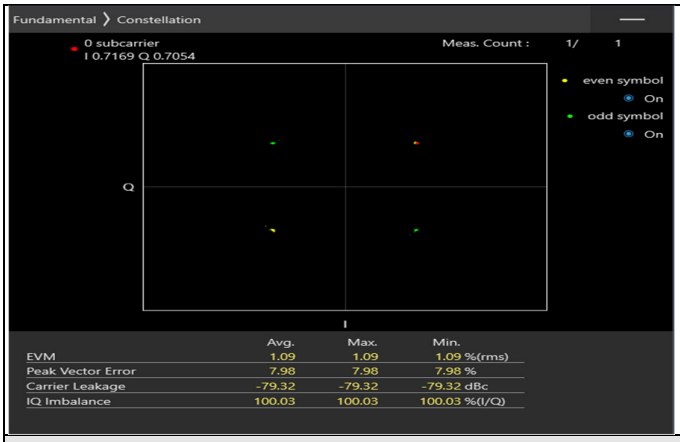


256QAM CH 519000 (2595 MHz)

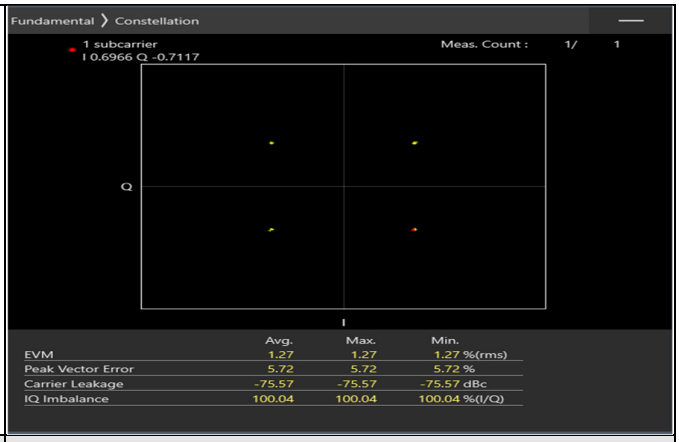
7.2.3 NR n40 SCS 30 kHz (2.35 GHz ~ 2.36 GHz)

Input Power:	3.85 Vdc	Environmental Conditions:	22°C, 73% RH	Tested By:	Willy Cheng

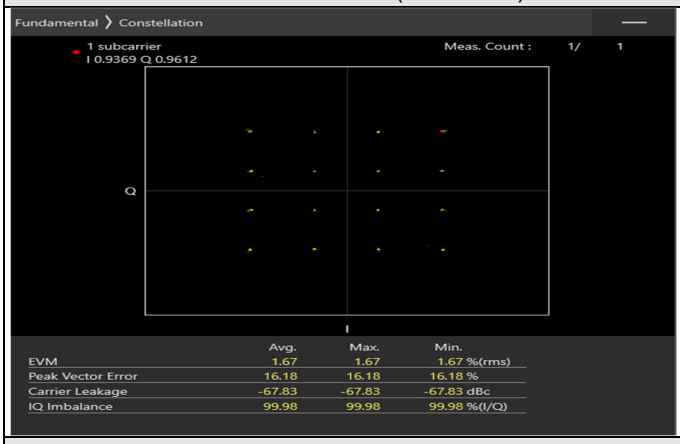
NR n40 SCS 30 kHz (2.35 GHz ~ 2.36 GHz), Channel Bandwidth: 10 MHz



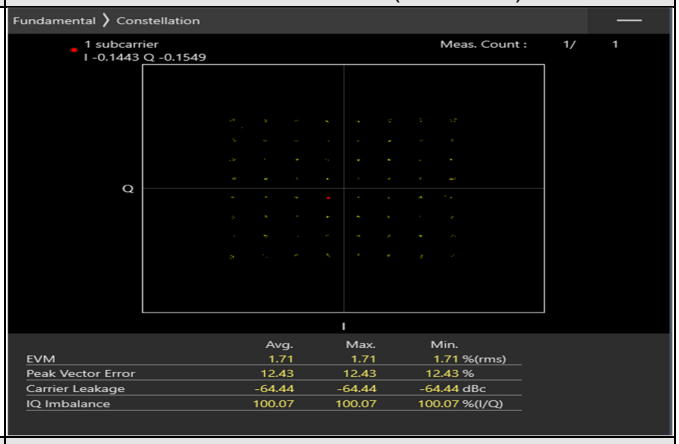
BPSK CH 471000 (2355 MHz)



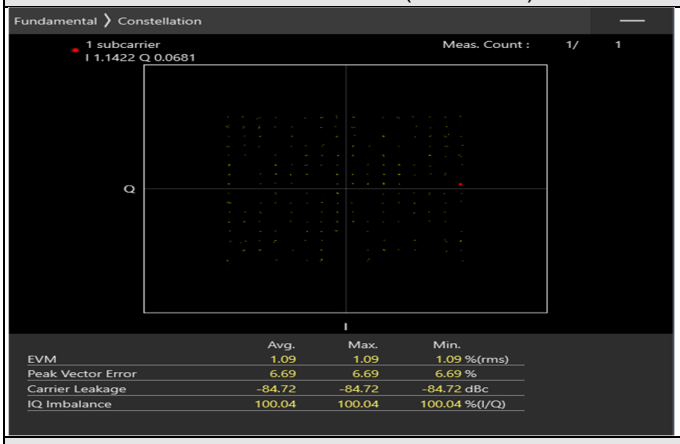
QPSK CH 471000 (2355 MHz)



16QAM CH 471000 (2355 MHz)



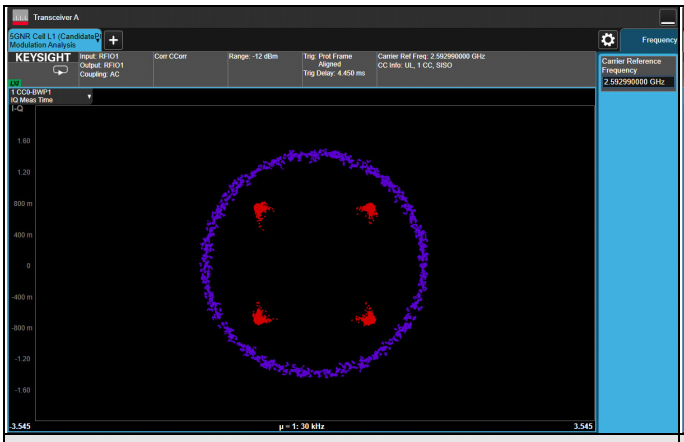
64QAM CH 471000 (2355 MHz)



256QAM CH 471000 (2355 MHz)

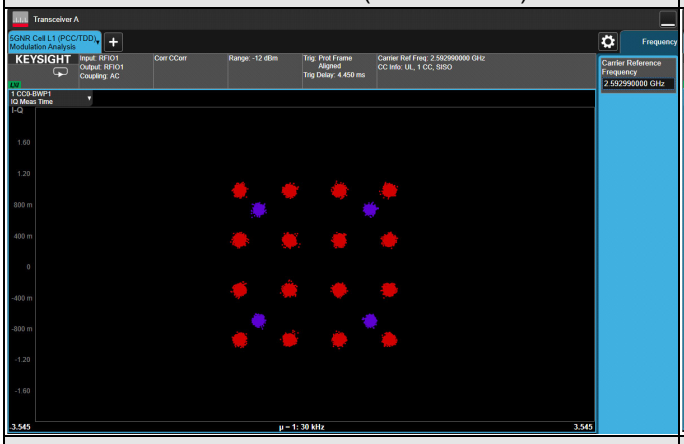
7.2.4 NR n41 SCS 30 kHz

NR n41 SCS 30 kHz, Channel Bandwidth: 100 MHz

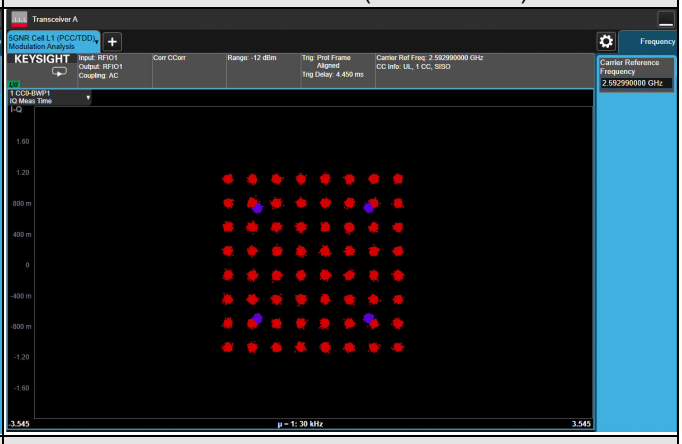


BPSK CH 518598 (2592.99 MHz)

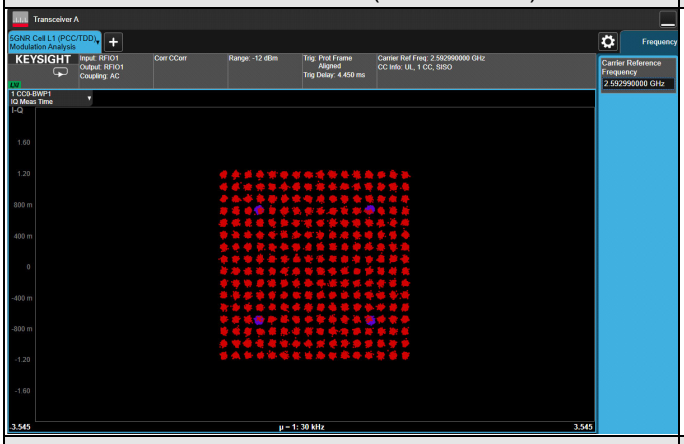
QPSK CH 518598 (2592.99 MHz)



16QAM CH 518598 (2592.99 MHz)



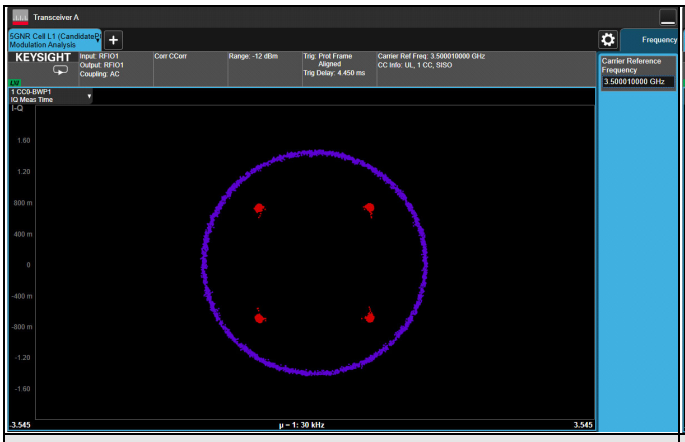
64QAM CH 518598 (2592.99 MHz)



256QAM CH 518598 (2592.99 MHz)

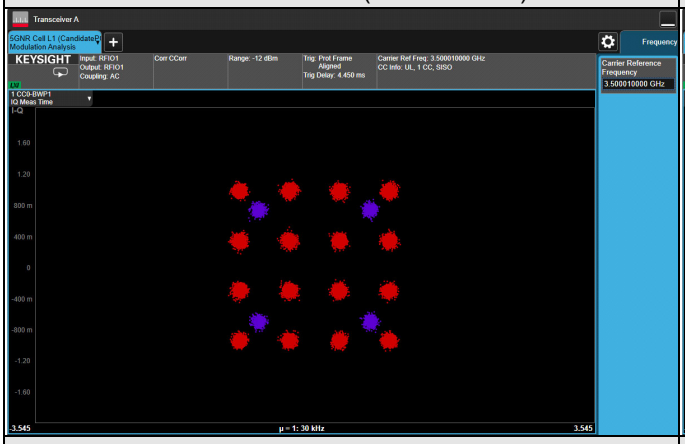
7.2.5 NR n77 SCS 30 kHz (3.45 GHz ~ 3.55 GHz)

NR n77 SCS 30 kHz (3.45 GHz ~ 3.55 GHz), Channel Bandwidth: 100 MHz

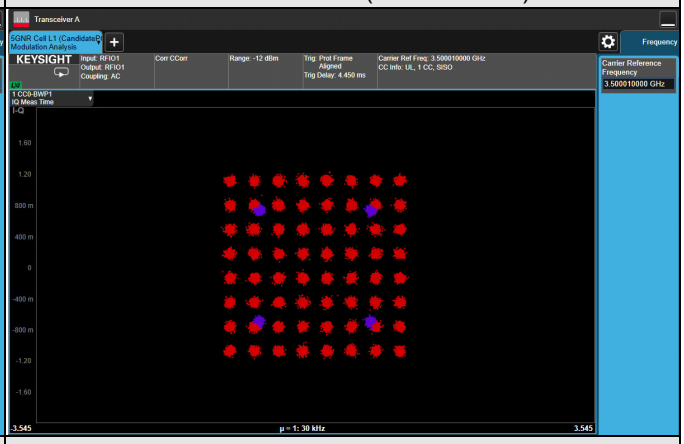


BPSK CH 633334 (3500.01 MHz)

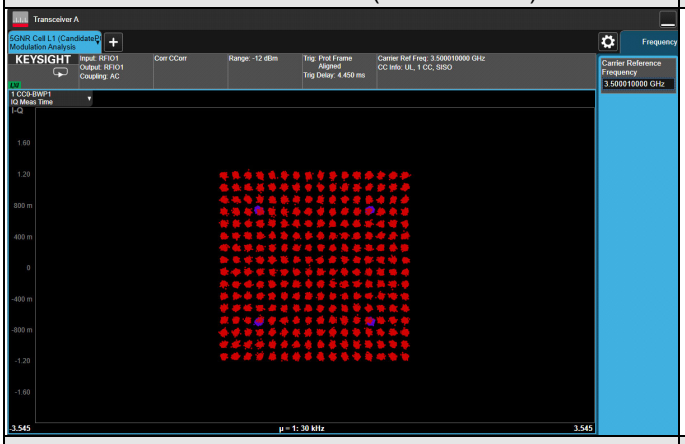
QPSK CH 633334 (3500.01 MHz)



16QAM CH 633334 (3500.01 MHz)



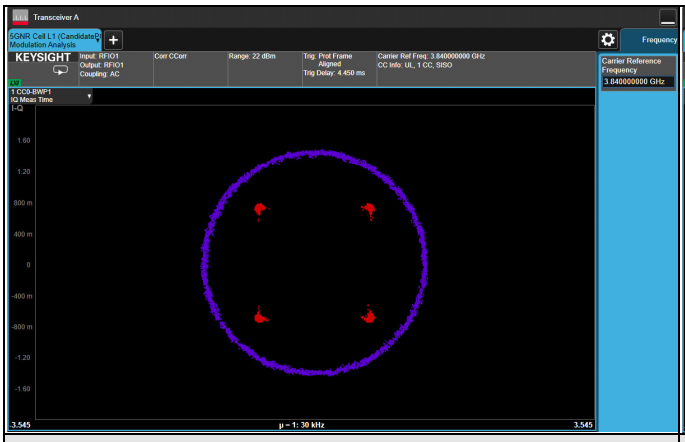
64QAM CH 633334 (3500.01 MHz)



256QAM CH 633334 (3500.01 MHz)

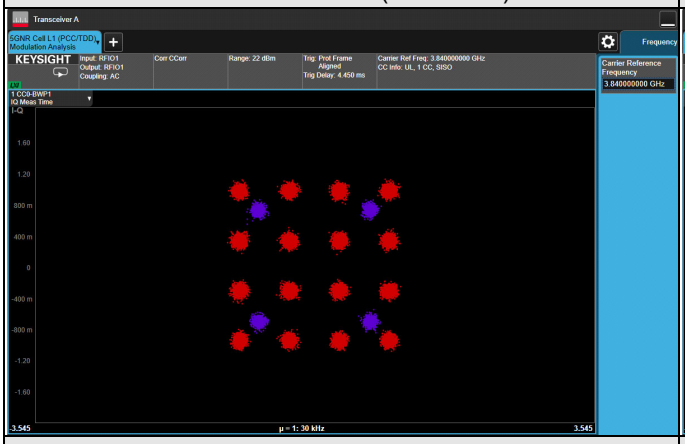
7.2.6 NR n77 SCS 30 kHz (3.7 GHz ~ 3.98 GHz)

NR n77 SCS 30 kHz (3.7 GHz ~ 3.98 GHz), Channel Bandwidth: 100 MHz

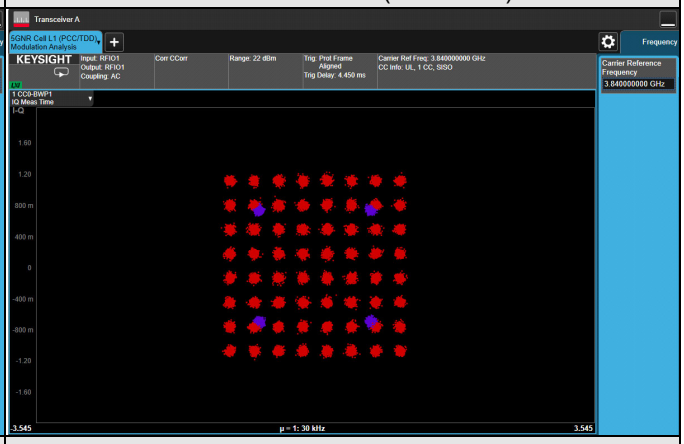


BPSK CH 656000 (3840 MHz)

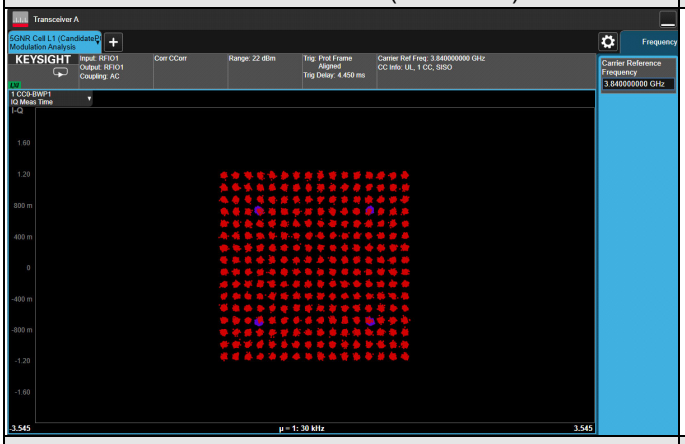
QPSK CH 656000 (3840 MHz)



16QAM CH 656000 (3840 MHz)



64QAM CH 656000 (3840 MHz)



256QAM CH 656000 (3840 MHz)

7.3 Peak to Average Ratio

5GNR n5, n7, n12, n13, n14, n25, n26, n30, n66, n70, n71

Piease refer to certified modular device FCC ID: GKRRXLN4N
Grant Date:05/26/2026 test report.

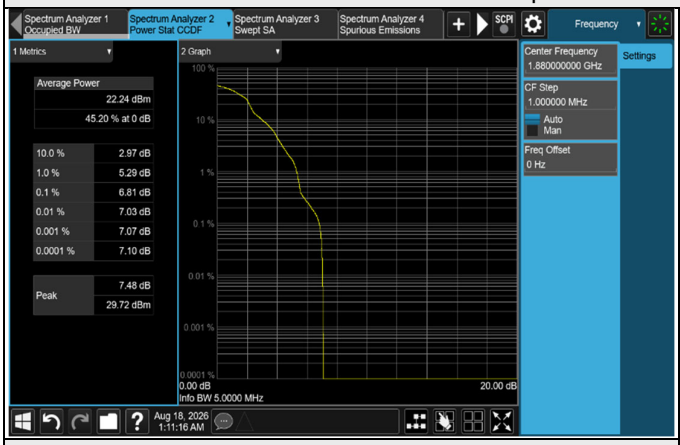
Input Power:	3.85 Vdc	Environmental Conditions:	25°C, 66% RH	Tested By:	Noah Chang

7.3.1 NR n2 SCS 15 kHz

NR n2 SCS 15 kHz, Channel Bandwidth: 5 MHz

Modulation	Channel	Frequency (MHz)	Measurement Value(dB)	Limit (dB)	Result
BPSK	370500	1852.5	4.31	13	PASS
BPSK	376000	1880	4.46	13	PASS
BPSK	381500	1907.5	3.90	13	PASS
QPSK	370500	1852.5	5.06	13	PASS
QPSK	376000	1880	5.05	13	PASS
QPSK	381500	1907.5	4.54	13	PASS
16QAM	370500	1852.5	5.68	13	PASS
16QAM	376000	1880	5.94	13	PASS
16QAM	381500	1907.5	5.36	13	PASS
64QAM	370500	1852.5	6.39	13	PASS
64QAM	376000	1880	6.15	13	PASS
64QAM	381500	1907.5	5.81	13	PASS
256QAM	370500	1852.5	6.72	13	PASS
256QAM	376000	1880	6.81	13	PASS
256QAM	381500	1907.5	6.76	13	PASS

Spectrum Plot of Worst Value



256QAM CH 376000 (1880 MHz)