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 2**
Report No.:	RFBEDW-WTW-P24070638-4
FCC ID:	GKRRXLN3
Product:	LGA Module
Brand:	COMPAL
Model No.:	RXL-N3
Received Date:	2024/7/29
Test Date:	2024/8/12 ~ 2024/11/15
Issued Date:	2024/11/22
Applicant:	Compal Electronics, Inc.
Address:	No.581 & 581-1, Ruiguang Rd., Neihu District, Taipei, (114) Taiwan
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, Taiwan
Test Location(1):	No. 19, Hwa Ya 2nd Rd., Wen Hwa Vil., Kwei Shan Dist., Taoyuan City 33383, Taiwan
Test Location(2):	No. 70, Wenming Rd., Guishan Dist., Taoyuan City 333, Taiwan (R.O.C.)
FCC Registration / Designation Number:	788550 / TW0003 for Test Location(1) 281270 / TW0032 for Test Location(2)

Approved by: Jeremy Lin , **Date:** **2024/11/22**

Jeremy Lin / Project Engineer

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Prepared by : Pettie Chen / Senior Specialist

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Release Control Record

Issue No.	Description	Date Issued
RFBEDW-WTW-P24070638-4	Original release.	2024/11/22

1 Certificate

Product:	LGA Module
Brand:	COMPAL
Test Model:	RXL-N3
Sample Status:	Engineering sample
Applicant:	Compal Electronics, Inc.
Test Date:	2024/8/12 ~ 2024/11/15
Standard:	47 CFR FCC Part 22 47 CFR FCC Part 24 47 CFR FCC Part 27 47 CFR FCC Part 2
Measurement Procedure:	ANSI/TIA/EIA-603-E 2016 ANSI C63.26-2015 KDB 971168 D01 Power Meas License Digital Systems v03r01 KDB 971168 D02 Misc Rev Approv License Devices v02r02 KDB 662911 D01 Multiple Transmitter Output v02r01

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

2 Summary of Test Results

Standard / Clause	Test Item	Result	Remark
Part 2.1046 Part 22.913 (a) Part 24.232 (c) Part 27.50(h) Part 27.50(c) Part 27.50(a) Part 27.50(k) Part 27.50(j)	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(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(m) Part 27.53(g) Part 27.53(a) Part 27.53(n) Part 27.53(l)	Conducted Spurious Emissions	Pass	Meet the requirement of limit.
Part 2.1053 Part 22.917 Part 24.238 Part 27.53(m) Part 27.53(g) Part 27.53(a) Part 27.53(n) Part 27.53(l)	Radiated Spurious Emissions below 1GHz	Pass	Minimum passing margin is -7.68 dB at 379.20 MHz
Part 2.1053 Part 22.917 Part 24.238 Part 27.53(m) Part 27.53(g) Part 27.53(a) Part 27.53(n) Part 27.53(l)	Radiated Spurious Emissions above 1GHz	Pass	Minimum passing margin is -1.55 dB at 10560.00 MHz
Part 2.1055 Part 22.355 Part 24.235 Part 27.54	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	-	1.371 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	LGA Module
Brand	COMPAL
Test Model	RXL-N3
Status of EUT	Engineering sample
Power Supply Rating	3.8Vdc
EUT Category	Mobile station

Note:

1. EUT Overview

NR n2 SCS 15 kHz

Bandwidth	TX Frequency Range (MHz)	Modulation	Max. EIRP (W)	Max. EIRP (dBm)	Emission Designator
5 MHz	1852.5 ~ 1907.5	DFT-S BPSK	0.461	26.64	4M49G7D
		DFT-S QPSK	0.473	26.75	4M49G7D
		DFT-S 16QAM	0.377	25.76	4M48D7W
		DFT-S 64QAM	0.291	24.64	4M47D7W
		CP 256QAM	0.115	20.61	4M48D7W
		CP QPSK	0.333	25.22	4M49G7D
10 MHz	1855 ~ 1905	DFT-S BPSK	0.466	26.68	9M20G7D
		DFT-S QPSK	0.466	26.68	9M28G7D
		DFT-S 16QAM	0.373	25.72	9M30D7W
		DFT-S 64QAM	0.29	24.62	9M26D7W
		CP 256QAM	0.117	20.69	9M29D7W
		CP QPSK	0.328	25.16	9M28G7D
15 MHz	1857.5 ~ 1902.5	DFT-S BPSK	0.465	26.67	14M0G7D
		DFT-S QPSK	0.467	26.69	14M1G7D
		DFT-S 16QAM	0.375	25.74	14M1D7W
		DFT-S 64QAM	0.29	24.63	14M1D7W
		CP 256QAM	0.116	20.63	14M1D7W
		CP QPSK	0.327	25.15	14M1G7D
20 MHz	1860 ~ 1900	DFT-S BPSK	0.472	26.74	18M7G7D
		DFT-S QPSK	0.471	26.73	18M9G7D
		DFT-S 16QAM	0.381	25.81	18M9D7W
		DFT-S 64QAM	0.292	24.66	18M9D7W
		CP 256QAM	0.115	20.61	18M9D7W
		CP QPSK	0.328	25.16	18M9G7D
25 MHz	1862.5 ~ 1897.5	DFT-S BPSK	0.461	26.64	22M9G7D
		DFT-S QPSK	0.468	26.70	23M7G7D
		DFT-S 16QAM	0.378	25.77	23M7D7W
		DFT-S 64QAM	0.286	24.57	23M8D7W
		CP 256QAM	0.118	20.71	23M7D7W
		CP QPSK	0.324	25.10	23M7G7D

Bandwidth	TX Frequency Range (MHz)	Modulation	Max. EIRP (W)	Max. EIRP (dBm)	Emission Designator
30 MHz	1865 ~ 1895	DFT-S BPSK	0.459	26.62	28M6G7D
		DFT-S QPSK	0.462	26.65	28M6G7D
		DFT-S 16QAM	0.372	25.70	28M6D7W
		DFT-S 64QAM	0.286	24.57	28M5D7W
		CP 256QAM	0.118	20.73	28M5D7W
		CP QPSK	0.331	25.20	28M6G7D
40 MHz	1870 ~ 1890	DFT-S BPSK	0.471	26.73	38M6G7D
		DFT-S QPSK	0.479	26.80	38M5G7D
		DFT-S 16QAM	0.388	25.89	38M5D7W
		DFT-S 64QAM	0.296	24.72	38M5D7W
		CP 256QAM	0.12	20.78	38M6D7W
		CP QPSK	0.337	25.28	38M5G7D

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	DFT-S BPSK	0.188	22.74	4M49G7D
		DFT-S QPSK	0.19	22.78	4M50G7D
		DFT-S 16QAM	0.152	21.81	4M49D7W
		DFT-S 64QAM	0.118	20.72	4M49D7W
		CP 256QAM	0.047	16.68	4M48D7W
		CP QPSK	0.14	21.46	4M50G7D
10 MHz	829 ~ 844	DFT-S BPSK	0.189	22.77	9M20G7D
		DFT-S QPSK	0.188	22.74	9M27G7D
		DFT-S 16QAM	0.153	21.84	9M29D7W
		DFT-S 64QAM	0.117	20.68	9M25D7W
		CP 256QAM	0.046	16.65	9M30D7W
		CP QPSK	0.141	21.48	9M27G7D
15 MHz	831.5 ~ 841.5	DFT-S BPSK	0.187	22.73	14M0G7D
		DFT-S QPSK	0.191	22.82	14M1G7D
		DFT-S 16QAM	0.153	21.85	14M1D7W
		DFT-S 64QAM	0.117	20.67	14M1D7W
		CP 256QAM	0.047	16.69	14M1D7W
		CP QPSK	0.139	21.44	14M1G7D
20 MHz	834 ~ 839	DFT-S BPSK	0.192	22.83	18M8G7D
		DFT-S QPSK	0.195	22.89	18M9G7D
		DFT-S 16QAM	0.156	21.92	18M9D7W
		DFT-S 64QAM	0.12	20.79	18M9D7W
		CP 256QAM	0.048	16.80	18M9D7W
		CP QPSK	0.145	21.60	18M9G7D

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	DFT-S BPSK	0.165	22.18	4M48G7D
		DFT-S QPSK	0.162	22.1	4M51G7D
		DFT-S 16QAM	0.134	21.27	4M48D7W
		DFT-S 64QAM	0.102	20.08	4M48D7W
		CP 256QAM	0.042	16.26	4M50D7W
		CP QPSK	0.121	20.82	4M51G7D
10 MHz	704 ~ 711	DFT-S BPSK	0.167	22.22	9M20G7D
		DFT-S QPSK	0.164	22.15	9M28G7D
		DFT-S 16QAM	0.132	21.22	9M29D7W
		DFT-S 64QAM	0.102	20.1	9M27D7W
		CP 256QAM	0.043	16.33	9M29D7W
		CP QPSK	0.120	20.8	9M28G7D
15 MHz	706.5 ~ 708.5	DFT-S BPSK	0.168	22.26	13M9G7D
		DFT-S QPSK	0.169	22.27	14M1G7D
		DFT-S 16QAM	0.136	21.33	14M0D7W
		DFT-S 64QAM	0.105	20.21	14M0D7W
		CP 256QAM	0.044	16.4	14M0D7W
		CP QPSK	0.125	20.97	14M1G7D

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	DFT-S BPSK	0.505	27.03	4M64G7D
		DFT-S QPSK	0.491	26.91	4M63G7D
		DFT-S 16QAM	0.402	26.04	4M64D7W
		DFT-S 64QAM	0.301	24.78	4M63D7W
		CP 256QAM	0.123	20.91	4M65D7W
		CP QPSK	0.361	25.58	4M63G7D
10 MHz	1855 ~ 1910	DFT-S BPSK	0.497	26.96	9M19G7D
		DFT-S QPSK	0.5	26.99	9M29G7D
		DFT-S 16QAM	0.405	26.07	9M29D7W
		DFT-S 64QAM	0.308	24.89	9M26D7W
		CP 256QAM	0.124	20.93	9M28D7W
		CP QPSK	0.361	25.58	9M29G7D
15 MHz	1857.5 ~ 1907.5	DFT-S BPSK	0.505	27.03	14M1G7D
		DFT-S QPSK	0.497	26.96	14M1G7D
		DFT-S 16QAM	0.394	25.95	14M1D7W
		DFT-S 64QAM	0.303	24.81	14M1D7W
		CP 256QAM	0.126	21.00	14M1D7W
		CP QPSK	0.353	25.48	14M1G7D
20 MHz	1860 ~ 1905	DFT-S BPSK	0.494	26.94	18M8G7D
		DFT-S QPSK	0.499	26.98	18M8G7D
		DFT-S 16QAM	0.395	25.97	18M9D7W
		DFT-S 64QAM	0.301	24.79	18M9D7W
		CP 256QAM	0.126	21.00	18M9D7W
		CP QPSK	0.356	25.52	18M8G7D
25 MHz	1862.5 ~ 1902.5	DFT-S BPSK	0.508	27.06	23M5G7D
		DFT-S QPSK	0.498	26.97	23M7G7D
		DFT-S 16QAM	0.399	26.01	23M7D7W
		DFT-S 64QAM	0.303	24.81	23M7D7W
		CP 256QAM	0.124	20.95	23M7D7W
		CP QPSK	0.356	25.52	23M7G7D
30 MHz	1865 ~ 1900	DFT-S BPSK	0.498	26.97	28M5G7D
		DFT-S QPSK	0.498	26.97	28M5G7D
		DFT-S 16QAM	0.407	26.10	28M5D7W
		DFT-S 64QAM	0.305	24.85	28M5D7W
		CP 256QAM	0.126	20.99	28M5D7W
		CP QPSK	0.356	25.51	28M5G7D
40 MHz	1870 ~ 1895	DFT-S BPSK	0.508	27.06	38M5G7D
		DFT-S QPSK	0.511	27.08	38M4G7D
		DFT-S 16QAM	0.412	26.15	38M4D7W
		DFT-S 64QAM	0.313	24.96	38M5D7W
		CP 256QAM	0.128	21.06	38M4D7W
		CP QPSK	0.366	25.64	38M4G7D

NR n30 SCS 15 kHz- Ant 3

Bandwidth	TX Frequency Range (MHz)	Modulation	Max. EIRP (W)	Max. EIRP (dBm)	Emission Designator
5 MHz	2307.5 ~ 2312.5	DFT-S BPSK	0.224	23.51	4M49G7D
		DFT-S QPSK	0.224	23.51	4M49G7D
		DFT-S 16QAM	0.178	22.51	4M47D7W
		DFT-S 64QAM	0.130	21.14	4M46D7W
		CP 256QAM	0.057	17.58	4M49D7W
		CP QPSK	0.161	22.08	4M49G7D
10 MHz	2310	DFT-S BPSK	0.221	23.45	9M16G7D
		DFT-S QPSK	0.225	23.52	9M26G7D
		DFT-S 16QAM	0.181	22.58	9M30D7W
		DFT-S 64QAM	0.133	21.24	9M25D7W
		CP 256QAM	0.060	17.77	9M27D7W
		CP QPSK	0.162	22.09	9M26G7D

NR n41 SCS 30 kHz- Ant 0

Bandwidth	TX Frequency Range (MHz)	Modulation	Max. EIRP (W)	Max. EIRP (dBm)	Emission Designator
10 MHz	2501.01 ~ 2685	DFT-S BPSK	0.826	29.17	8M59G7D
		DFT-S QPSK	0.841	29.25	8M63G7D
		DFT-S 16QAM	0.735	28.66	8M59D7W
		DFT-S 64QAM	0.475	26.77	8M59D7W
		CP 256QAM	0.195	22.90	8M62D7W
		CP QPSK	0.637	28.04	8M63G7D
15 MHz	2503.50 ~ 2682.48	DFT-S BPSK	0.826	29.17	13M5G7D
		DFT-S QPSK	0.845	29.27	13M6G7D
		DFT-S 16QAM	0.731	28.64	13M6D7W
		DFT-S 64QAM	0.474	26.76	13M6D7W
		CP 256QAM	0.200	23.01	13M6D7W
		CP QPSK	0.625	27.96	13M6G7D
20 MHz	2506.02 ~ 2679.99	DFT-S BPSK	0.847	29.28	18M1G7D
		DFT-S QPSK	0.826	29.17	18M2G7D
		DFT-S 16QAM	0.736	28.67	18M2D7W
		DFT-S 64QAM	0.480	26.81	18M2D7W
		CP 256QAM	0.197	22.94	18M2D7W
		CP QPSK	0.621	27.93	18M2G7D
25 MHz	2508.51 ~ 2677.5	DFT-S BPSK	0.838	29.23	22M9G7D
		DFT-S QPSK	0.839	29.24	23M2G7D
		DFT-S 16QAM	0.741	28.70	23M2D7W
		DFT-S 64QAM	0.479	26.80	23M2D7W
		CP 256QAM	0.200	23.01	23M2D7W
		CP QPSK	0.634	28.02	23M2G7D
30 MHz	2511 ~ 2674.98	DFT-S BPSK	0.843	29.26	27M8G7D
		DFT-S QPSK	0.834	29.21	27M9G7D
		DFT-S 16QAM	0.726	28.61	27M9D7W
		DFT-S 64QAM	0.474	26.76	27M9D7W
		CP 256QAM	0.201	23.03	27M9D7W
		CP QPSK	0.630	27.99	27M9G7D
40 MHz	2516.01 ~ 2670	DFT-S BPSK	0.826	29.17	37M7G7D
		DFT-S QPSK	0.845	29.27	37M9G7D
		DFT-S 16QAM	0.721	28.58	37M8D7W
		DFT-S 64QAM	0.479	26.80	37M8D7W
		CP 256QAM	0.200	23.00	37M8D7W
		CP QPSK	0.637	28.04	37M9G7D

Bandwidth	TX Frequency Range (MHz)	Modulation	Max. EIRP (W)	Max. EIRP (dBm)	Emission Designator
50 MHz	2521.02 ~ 2664.99	DFT-S BPSK	0.849	29.29	47M3G7D
		DFT-S QPSK	0.843	29.26	47M6G7D
		DFT-S 16QAM	0.728	28.62	47M5D7W
		DFT-S 64QAM	0.482	26.83	47M6D7W
		CP 256QAM	0.198	22.96	47M5D7W
		CP QPSK	0.638	28.05	47M6G7D
60 MHz	2526 ~ 2659.98	DFT-S BPSK	0.841	29.25	57M8G7D
		DFT-S QPSK	0.843	29.26	57M9G7D
		DFT-S 16QAM	0.743	28.71	58M0D7W
		DFT-S 64QAM	0.483	26.84	57M9D7W
		CP 256QAM	0.200	23.02	57M8D7W
		CP QPSK	0.631	28.00	57M9G7D
70 MHz	2531.01 ~ 2655	DFT-S BPSK	0.851	29.30	67M4G7D
		DFT-S QPSK	0.836	29.22	67M6G7D
		DFT-S 16QAM	0.735	28.66	67M6D7W
		DFT-S 64QAM	0.474	26.76	67M6D7W
		CP 256QAM	0.200	23.02	67M5D7W
		CP QPSK	0.628	27.98	67M6G7D
80 MHz	2536.02 ~ 2649.99	DFT-S BPSK	0.847	29.28	77M5G7D
		DFT-S QPSK	0.830	29.19	77M7G7D
		DFT-S 16QAM	0.729	28.63	77M7D7W
		DFT-S 64QAM	0.479	26.80	77M6D7W
		CP 256QAM	0.198	22.96	77M8D7W
		CP QPSK	0.637	28.04	77M7G7D
90 MHz	2541 ~ 2644.98	DFT-S BPSK	0.834	29.21	87M4G7D
		DFT-S QPSK	0.832	29.20	87M6G7D
		DFT-S 16QAM	0.745	28.72	87M8D7W
		DFT-S 64QAM	0.475	26.77	87M6D7W
		CP 256QAM	0.195	22.89	87M5D7W
		CP QPSK	0.627	27.97	87M6G7D
100 MHz	2546.01 ~ 2640	DFT-S BPSK	0.863	29.36	97M2G7D
		DFT-S QPSK	0.871	29.40	97M5G7D
		DFT-S 16QAM	0.755	28.78	97M7D7W
		DFT-S 64QAM	0.489	26.89	97M6D7W
		CP 256QAM	0.203	23.08	97M5D7W
		CP QPSK	0.646	28.10	97M5G7D

NR n41 SCS 30 kHz-MIMO

Bandwidth	TX Frequency Range (MHz)	Modulation	Max. EIRP (W)	Max. EIRP (dBm)	Emission Designator
10 MHz	2501.01 ~ 2685	BPSK	1.062	30.26	8M59G7D
		QPSK	1.127	30.52	8M63G7D
		16QAM	1.079	30.33	8M59D7W
		64QAM	0.661	28.2	8M59D7W
		256QAM	0.261	24.16	8M62D7W
15 MHz	2503.5 ~ 2682.48	BPSK	1.076	30.32	13M5G7D
		QPSK	1.117	30.48	13M6G7D
		16QAM	1.076	30.32	13M6D7W
		64QAM	0.661	28.2	13M6D7W
		256QAM	0.261	24.17	13M6D7W
20 MHz	2506.02 ~ 2679.99	BPSK	1.067	30.28	18M1G7D
		QPSK	1.132	30.54	18M2G7D
		16QAM	1.086	30.36	18M2D7W
		64QAM	0.655	28.16	18M2D7W
		256QAM	0.261	24.17	18M2D7W
25 MHz	2508.51 ~ 2677.5	BPSK	1.069	30.29	22M9G7D
		QPSK	1.135	30.55	23M2G7D
		16QAM	1.081	30.34	23M2D7W
		64QAM	0.662	28.21	23M2D7W
		256QAM	0.264	24.21	23M2D7W
30 MHz	2511 ~ 2674.98	BPSK	1.067	30.28	27M8G7D
		QPSK	1.125	30.51	27M9G7D
		16QAM	1.086	30.36	27M9D7W
		64QAM	0.653	28.15	27M9D7W
		256QAM	0.261	24.17	27M9D7W
40 MHz	2516.01 ~ 2670	BPSK	1.074	30.31	37M7G7D
		QPSK	1.117	30.48	37M9G7D
		16QAM	1.089	30.37	37M8D7W
		64QAM	0.655	28.16	37M8D7W
		256QAM	0.260	24.15	37M8D7W

NR n41 SCS 30 kHz-MIMO

Bandwidth	TX Frequency Range (MHz)	Modulation	Max. EIRP (W)	Max. EIRP (dBm)	Emission Designator
50 MHz	2521.02 ~ 2664.99	BPSK	1.069	30.29	47M3G7D
		QPSK	1.138	30.56	47M6G7D
		16QAM	1.094	30.39	47M5D7W
		64QAM	0.653	28.15	47M6D7W
		256QAM	0.262	24.19	47M5D7W
60 MHz	2526 ~ 2659.98	BPSK	1.064	30.27	57M8G7D
		QPSK	1.122	30.5	57M9G7D
		16QAM	1.084	30.35	58M0D7W
		64QAM	0.650	28.13	57M9D7W
		256QAM	0.261	24.17	57M8D7W
70 MHz	2531.01 ~ 2655	BPSK	1.072	30.3	67M4G7D
		QPSK	1.138	30.56	67M6G7D
		16QAM	1.089	30.37	67M6D7W
		64QAM	0.656	28.17	67M6D7W
		256QAM	0.261	24.17	67M5D7W
80 MHz	2536.02 ~ 2649.99	BPSK	1.064	30.27	77M5G7D
		QPSK	1.135	30.55	77M7G7D
		16QAM	1.094	30.39	77M7D7W
		64QAM	0.659	28.19	77M6D7W
		256QAM	0.262	24.18	77M8D7W
90 MHz	2541 ~ 2644.98	BPSK	1.062	30.26	87M4G7D
		QPSK	1.127	30.52	87M6G7D
		16QAM	1.081	30.34	87M8D7W
		64QAM	0.661	28.2	87M6D7W
		256QAM	0.262	24.18	87M5D7W
100 MHz	2546.01 ~ 2640	BPSK	1.091	30.38	97M2G7D
		QPSK	1.156	30.63	97M5G7D
		16QAM	1.112	30.46	97M7D7W
		64QAM	0.673	28.28	97M6D7W
		256QAM	0.267	24.27	97M5D7W

NR n66 SCS 15 kHz

Bandwidth	TX Frequency Range (MHz)	Modulation	Max. EIRP (W)	Max. EIRP (dBm)	Emission Designator
5 MHz	1712.5 ~ 1777.5	DFT-S BPSK	0.515	27.12	4M48G7D
		DFT-S QPSK	0.507	27.05	4M50G7D
		DFT-S 16QAM	0.406	26.08	4M46D7W
		DFT-S 64QAM	0.315	24.98	4M46D7W
		CP 256QAM	0.137	21.37	4M49D7W
		CP QPSK	0.366	25.64	4M50G7D
10 MHz	1715 ~ 1775	DFT-S BPSK	0.506	27.04	9M18G7D
		DFT-S QPSK	0.508	27.06	9M27G7D
		DFT-S 16QAM	0.406	26.09	9M28D7W
		DFT-S 64QAM	0.318	25.03	9M25D7W
		CP 256QAM	0.136	21.32	9M29D7W
		CP QPSK	0.365	25.62	9M27G7D
15 MHz	1717.5 ~ 1772.5	DFT-S BPSK	0.514	27.11	14M0G7D
		DFT-S QPSK	0.508	27.06	14M1G7D
		DFT-S 16QAM	0.403	26.05	14M1D7W
		DFT-S 64QAM	0.319	25.04	14M1D7W
		CP 256QAM	0.138	21.40	14M1D7W
		CP QPSK	0.369	25.67	14M1G7D
20 MHz	1720 ~ 1770	DFT-S BPSK	0.509	27.07	18M8G7D
		DFT-S QPSK	0.506	27.04	18M8G7D
		DFT-S 16QAM	0.403	26.05	18M9D7W
		DFT-S 64QAM	0.319	25.04	18M9D7W
		CP 256QAM	0.136	21.33	18M9D7W
		CP QPSK	0.365	25.62	18M8G7D
25 MHz	1722.5 ~ 1767.5	DFT-S BPSK	0.511	27.08	23M6G7D
		DFT-S QPSK	0.509	27.07	23M7G7D
		DFT-S 16QAM	0.406	26.08	23M7D7W
		DFT-S 64QAM	0.318	25.03	23M7D7W
		CP 256QAM	0.136	21.32	23M7D7W
		CP QPSK	0.37	25.68	23M7G7D
30 MHz	1725 ~ 1765	DFT-S BPSK	0.505	27.03	28M5G7D
		DFT-S QPSK	0.502	27.01	28M5G7D
		DFT-S 16QAM	0.408	26.11	28M5D7W
		DFT-S 64QAM	0.321	25.07	28M5D7W
		CP 256QAM	0.138	21.41	28M5D7W
		CP QPSK	0.361	25.58	28M5G7D
40 MHz	1730 ~ 1760	DFT-S BPSK	0.515	27.12	38M5G7D
		DFT-S QPSK	0.521	27.17	38M4G7D
		DFT-S 16QAM	0.416	26.19	38M5D7W
		DFT-S 64QAM	0.326	25.13	38M4D7W
		CP 256QAM	0.14	21.46	38M5D7W
		CP QPSK	0.374	25.73	38M4G7D

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	DFT-S BPSK	0.162	22.09	4M49G7D
		DFT-S QPSK	0.166	22.21	4M50G7D
		DFT-S 16QAM	0.124	20.92	4M47D7W
		DFT-S 64QAM	0.095	19.80	4M47D7W
		CP 256QAM	0.038	15.78	4M50D7W
		CP QPSK	0.116	20.65	4M50G7D
10 MHz	668 ~ 693	DFT-S BPSK	0.163	22.12	9M20G7D
		DFT-S QPSK	0.166	22.19	9M29G7D
		DFT-S 16QAM	0.124	20.95	9M30D7W
		DFT-S 64QAM	0.094	19.75	9M27D7W
		CP 256QAM	0.039	15.88	9M31D7W
		CP QPSK	0.116	20.64	9M29G7D
15 MHz	670.5 ~ 690.5	DFT-S BPSK	0.163	22.13	14M0G7D
		DFT-S QPSK	0.169	22.29	14M1G7D
		DFT-S 16QAM	0.121	20.83	14M1D7W
		DFT-S 64QAM	0.094	19.74	14M1D7W
		CP 256QAM	0.038	15.81	14M1D7W
		CP QPSK	0.117	20.68	14M1G7D
20 MHz	673 ~ 688	DFT-S BPSK	0.163	22.13	18M8G7D
		DFT-S QPSK	0.172	22.35	18M9G7D
		DFT-S 16QAM	0.126	21.01	18M9D7W
		DFT-S 64QAM	0.097	19.85	18M9D7W
		CP 256QAM	0.039	15.94	18M9D7W
		CP QPSK	0.119	20.74	18M9G7D

NR n77 SCS 30 kHz (3.45 GHz ~ 3.55 GHz) - Ant 0

Bandwidth	TX Frequency Range (MHz)	Modulation	Max. EIRP (W)	Max. EIRP (dBm)	Emission Designator
10 MHz	3455.01 ~ 3544.98	DFT-S BPSK	0.392	25.93	8M58G7D
		DFT-S QPSK	0.388	25.89	9M20G7D
		DFT-S 16QAM	0.31	24.91	8M58D7W
		DFT-S 64QAM	0.23	23.61	8M61D7W
		CP 256QAM	0.069	18.40	8M60D7W
		CP QPSK	0.292	24.65	9M20G7D
15 MHz	3457.5 ~ 3542.49	DFT-S BPSK	0.391	25.92	13M5G7D
		DFT-S QPSK	0.385	25.86	13M6G7D
		DFT-S 16QAM	0.305	24.85	13M6D7W
		DFT-S 64QAM	0.225	23.52	13M6D7W
		CP 256QAM	0.07	18.43	13M6D7W
		CP QPSK	0.289	24.61	13M6G7D
20 MHz	3460.02 ~ 3540	DFT-S BPSK	0.391	25.92	18M0G7D
		DFT-S QPSK	0.383	25.83	18M2G7D
		DFT-S 16QAM	0.305	24.84	18M2D7W
		DFT-S 64QAM	0.225	23.53	18M2D7W
		CP 256QAM	0.071	18.50	18M2D7W
		CP QPSK	0.296	24.72	18M2G7D
25 MHz	3462.51 ~ 3537.48	DFT-S BPSK	0.383	25.83	23M1G7D
		DFT-S QPSK	0.39	25.91	23M2G7D
		DFT-S 16QAM	0.31	24.92	23M2D7W
		DFT-S 64QAM	0.23	23.62	23M2D7W
		CP 256QAM	0.069	18.39	23M2D7W
		CP QPSK	0.29	24.63	23M2G7D
30 MHz	3465 ~ 3534.99	DFT-S BPSK	0.394	25.96	27M6G7D
		DFT-S QPSK	0.387	25.88	27M8G7D
		DFT-S 16QAM	0.31	24.91	27M8D7W
		DFT-S 64QAM	0.226	23.54	27M8D7W
		CP 256QAM	0.07	18.42	27M8D7W
		CP QPSK	0.292	24.65	27M8G7D
40 MHz	3470.01 ~ 3529.98	DFT-S BPSK	0.393	25.94	37M5G7D
		DFT-S QPSK	0.385	25.86	37M8G7D
		DFT-S 16QAM	0.309	24.90	37M8D7W
		DFT-S 64QAM	0.226	23.55	37M8D7W
		CP 256QAM	0.07	18.48	37M7D7W
		CP QPSK	0.29	24.62	37M8G7D
50 MHz	3475.02 ~ 3525	DFT-S BPSK	0.385	25.86	47M1G7D
		DFT-S QPSK	0.388	25.89	47M5G7D
		DFT-S 16QAM	0.302	24.80	47M4D7W
		DFT-S 64QAM	0.225	23.53	47M5D7W
		CP 256QAM	0.071	18.50	47M4D7W
		CP QPSK	0.296	24.71	47M5G7D

Bandwidth	TX Frequency Range (MHz)	Modulation	Max. EIRP (W)	Max. EIRP (dBm)	Emission Designator
60 MHz	3480 ~ 3519.99	DFT-S BPSK	0.395	25.97	57M7G7D
		DFT-S QPSK	0.386	25.87	57M8G7D
		DFT-S 16QAM	0.31	24.91	57M7D7W
		DFT-S 64QAM	0.228	23.58	57M7D7W
		CP 256QAM	0.07	18.45	57M7D7W
		CP QPSK	0.29	24.63	57M8G7D
70 MHz	3485.01 ~ 3514.98	DFT-S BPSK	0.385	25.85	66M9G7D
		DFT-S QPSK	0.387	25.88	67M2G7D
		DFT-S 16QAM	0.312	24.94	67M3D7W
		DFT-S 64QAM	0.228	23.58	67M2D7W
		CP 256QAM	0.071	18.49	67M2D7W
		CP QPSK	0.294	24.69	67M2G7D
80 MHz	3490.02 ~ 3510	DFT-S BPSK	0.39	25.91	77M0G7D
		DFT-S QPSK	0.384	25.84	77M3G7D
		DFT-S 16QAM	0.308	24.88	77M4D7W
		DFT-S 64QAM	0.223	23.49	77M3D7W
		CP 256QAM	0.071	18.49	77M5D7W
		CP QPSK	0.292	24.65	77M3G7D
90 MHz	3495 ~ 3504.99	DFT-S BPSK	0.394	25.95	87M0G7D
		DFT-S QPSK	0.386	25.87	87M3G7D
		DFT-S 16QAM	0.311	24.93	87M2D7W
		DFT-S 64QAM	0.228	23.58	87M2D7W
		CP 256QAM	0.07	18.43	87M4D7W
		CP QPSK	0.293	24.67	87M3G7D
100 MHz	3500.01	DFT-S BPSK	0.401	26.03	96M1G7D
		DFT-S QPSK	0.405	26.07	97M1G7D
		DFT-S 16QAM	0.316	24.99	97M2D7W
		DFT-S 64QAM	0.233	23.68	97M3D7W
		CP 256QAM	0.072	18.55	97M1D7W
		CP QPSK	0.302	24.80	97M1G7D

NR n77 SCS 30 kHz (3.45 GHz ~ 3.55 GHz) - MIMO

Bandwidth	TX Frequency Range (MHz)	Modulation	Max. EIRP (W)	Max. EIRP (dBm)	Emission Designator
10 MHz	3455.01 ~ 3544.98	BPSK	0.984	29.93	8M58G7D
		QPSK	0.973	29.88	9M20G7D
		16QAM	0.75	28.75	8M58D7W
		64QAM	0.48	26.81	8M61D7W
		256QAM	0.129	21.09	8M60D7W
15 MHz	3457.5 ~ 3542.49	BPSK	0.989	29.95	13M5G7D
		QPSK	0.982	29.92	13M6G7D
		16QAM	0.752	28.76	13M6D7W
		64QAM	0.482	26.83	13M6D7W
		256QAM	0.127	21.03	13M6D7W
20 MHz	3460.02 ~ 3540	BPSK	0.995	29.98	18M0G7D
		QPSK	0.977	29.90	18M2G7D
		16QAM	0.757	28.79	18M2D7W
		64QAM	0.478	26.79	18M2D7W
		256QAM	0.127	21.03	18M2D7W
25 MHz	3462.51 ~ 3537.48	BPSK	0.986	29.94	23M1G7D
		QPSK	0.971	29.87	23M2G7D
		16QAM	0.753	28.77	23M2D7W
		64QAM	0.478	26.79	23M2D7W
		256QAM	0.126	21.01	23M2D7W
30 MHz	3465 ~ 3534.99	BPSK	0.991	29.96	27M6G7D
		QPSK	0.975	29.89	27M8G7D
		16QAM	0.762	28.82	27M8D7W
		64QAM	0.471	26.73	27M8D7W
		256QAM	0.126	21.01	27M8D7W
40 MHz	3470.01 ~ 3529.98	BPSK	0.986	29.94	37M5G7D
		QPSK	0.984	29.93	37M8G7D
		16QAM	0.753	28.77	37M8D7W
		64QAM	0.472	26.74	37M8D7W
		256QAM	0.128	21.07	37M7D7W
50 MHz	3475.02 ~ 3525	BPSK	0.989	29.95	47M1G7D
		QPSK	0.977	29.90	47M5G7D
		16QAM	0.755	28.78	47M4D7W
		64QAM	0.478	26.79	47M5D7W
		256QAM	0.127	21.04	47M4D7W
60 MHz	3480 ~ 3519.99	BPSK	0.984	29.93	57M7G7D
		QPSK	0.968	29.86	57M8G7D
		16QAM	0.752	28.76	57M7D7W
		64QAM	0.479	26.80	57M7D7W
		256QAM	0.126	21.02	57M7D7W
70 MHz	3485.01 ~ 3514.98	BPSK	0.982	29.92	66M9G7D
		QPSK	0.966	29.85	67M2G7D
		16QAM	0.76	28.81	67M3D7W
		64QAM	0.478	26.79	67M2D7W
		256QAM	0.126	21.02	67M2D7W

Bandwidth	TX Frequency Range (MHz)	Modulation	Max. EIRP (W)	Max. EIRP (dBm)	Emission Designator
80 MHz	3490.02 ~ 3510	BPSK	0.991	29.96	77M0G7D
		QPSK	0.971	29.87	77M3G7D
		16QAM	0.748	28.74	77M4D7W
		64QAM	0.481	26.82	77M3D7W
		256QAM	0.127	21.03	77M5D7W
90 MHz	3495 ~ 3504.99	BPSK	0.991	29.96	87M0G7D
		QPSK	0.971	29.87	87M3G7D
		16QAM	0.759	28.80	87M2D7W
		64QAM	0.475	26.77	87M2D7W
		256QAM	0.126	21.02	87M4D7W
100 MHz	3500.01	BPSK	0.959	29.82	96M1G7D
		QPSK	0.998	29.99	97M1G7D
		16QAM	0.759	28.80	97M2D7W
		64QAM	0.478	26.79	97M3D7W
		256QAM	0.128	21.06	97M1D7W

NR n77 SCS 30 kHz (3.7 GHz ~ 3.98 GHz)_Ant. 0

Bandwidth	TX Frequency Range (MHz)	Modulation	Max. EIRP (W)	Max. EIRP (dBm)	Emission Designator
10 MHz	3705 ~ 3975	DFT-S BPSK	0.392	25.93	8M57G7D
		DFT-S QPSK	0.385	25.85	8M61G7D
		DFT-S 16QAM	0.308	24.88	8M59D7W
		DFT-S 64QAM	0.226	23.55	8M59D7W
		CP 256QAM	0.07	18.47	8M65D7W
		CP QPSK	0.291	24.64	8M61G7D
15 MHz	3707.52 ~ 3972.48	DFT-S BPSK	0.39	25.91	13M5G7D
		DFT-S QPSK	0.39	25.91	13M6G7D
		DFT-S 16QAM	0.305	24.85	13M6D7W
		DFT-S 64QAM	0.233	23.67	13M6D7W
		CP 256QAM	0.07	18.46	13M6D7W
		CP QPSK	0.296	24.71	13M6G7D
20 MHz	3710.01 ~ 3969.99	DFT-S BPSK	0.392	25.93	18M0G7D
		DFT-S QPSK	0.385	25.86	18M2G7D
		DFT-S 16QAM	0.306	24.86	18M2D7W
		DFT-S 64QAM	0.228	23.58	18M2D7W
		CP 256QAM	0.071	18.52	18M2D7W
		CP QPSK	0.294	24.68	18M2G7D
25 MHz	3712.5 ~ 3967.5	DFT-S BPSK	0.394	25.95	23M2G7D
		DFT-S QPSK	0.385	25.85	23M2G7D
		DFT-S 16QAM	0.304	24.83	23M2D7W
		DFT-S 64QAM	0.229	23.60	23M2D7W
		CP 256QAM	0.071	18.53	23M2D7W
		CP QPSK	0.295	24.70	23M2G7D
30 MHz	3715.02 ~ 3964.98	DFT-S BPSK	0.393	25.94	27M6G7D
		DFT-S QPSK	0.384	25.84	27M8G7D
		DFT-S 16QAM	0.303	24.82	27M8D7W
		DFT-S 64QAM	0.233	23.68	27M8D7W
		CP 256QAM	0.071	18.50	27M8D7W
		CP QPSK	0.294	24.69	27M8G7D
40 MHz	3720 ~ 3960	DFT-S BPSK	0.382	25.82	37M4G7D
		DFT-S QPSK	0.394	25.95	37M8G7D
		DFT-S 16QAM	0.301	24.79	37M7D7W
		DFT-S 64QAM	0.229	23.60	37M8D7W
		CP 256QAM	0.07	18.42	37M7D7W
		CP QPSK	0.297	24.73	37M8G7D
50 MHz	3725.01 ~ 3954.99	DFT-S BPSK	0.389	25.90	47M0G7D
		DFT-S QPSK	0.385	25.86	47M4G7D
		DFT-S 16QAM	0.303	24.81	47M4D7W
		DFT-S 64QAM	0.226	23.55	47M5D7W
		CP 256QAM	0.071	18.50	47M5D7W
		CP QPSK	0.292	24.66	47M4G7D

NR n77 SCS 30 kHz (3.7 GHz ~ 3.98 GHz)_Ant. 0

Bandwidth	TX Frequency Range (MHz)	Modulation	Max. EIRP (W)	Max. EIRP (dBm)	Emission Designator
60 MHz	3730.02 ~ 3949.98	DFT-S BPSK	0.388	25.89	57M7G7D
		DFT-S QPSK	0.394	25.95	57M7G7D
		DFT-S 16QAM	0.305	24.84	57M7D7W
		DFT-S 64QAM	0.231	23.63	57M7D7W
		CP 256QAM	0.07	18.44	57M7D7W
		CP QPSK	0.29	24.63	57M7G7D
70 MHz	3735 ~ 3945	DFT-S BPSK	0.388	25.89	67M1G7D
		DFT-S QPSK	0.387	25.88	67M3G7D
		DFT-S 16QAM	0.306	24.86	67M3D7W
		DFT-S 64QAM	0.232	23.66	67M3D7W
		CP 256QAM	0.07	18.42	67M3D7W
		CP QPSK	0.292	24.65	67M3G7D
80 MHz	3740.01 ~ 3939.99	DFT-S BPSK	0.39	25.91	77M1G7D
		DFT-S QPSK	0.387	25.88	77M3G7D
		DFT-S 16QAM	0.308	24.89	77M4D7W
		DFT-S 64QAM	0.232	23.66	77M3D7W
		CP 256QAM	0.07	18.48	77M6D7W
		CP QPSK	0.291	24.64	77M3G7D
90 MHz	3745.02 ~ 3934.98	DFT-S BPSK	0.381	25.81	87M0G7D
		DFT-S QPSK	0.388	25.89	87M4G7D
		DFT-S 16QAM	0.308	24.89	87M3D7W
		DFT-S 64QAM	0.231	23.64	87M3D7W
		CP 256QAM	0.069	18.38	87M4D7W
		CP QPSK	0.297	24.73	87M4G7D
100 MHz	3750 ~ 3930	DFT-S BPSK	0.398	26.00	97M0G7D
		DFT-S QPSK	0.4	26.02	97M1G7D
		DFT-S 16QAM	0.316	24.99	97M2D7W
		DFT-S 64QAM	0.236	23.73	97M3D7W
		CP 256QAM	0.072	18.58	97M2D7W
		CP QPSK	0.301	24.78	97M1G7D

NR n77 SCS 30 kHz (3.7 GHz ~ 3.98 GHz) - MIMO

Bandwidth	TX Frequency Range (MHz)	Modulation	Max. EIRP (W)	Max. EIRP (dBm)	Emission Designator
10 MHz	3705 ~ 3975	BPSK	0.979	29.91	8M57G7D
		QPSK	0.946	29.76	8M61G7D
		16QAM	0.736	28.67	8M59D7W
		64QAM	0.453	26.56	8M59D7W
		256QAM	0.133	21.23	8M65D7W
15 MHz	3707.52 ~ 3972.48	BPSK	0.977	29.90	13M5G7D
		QPSK	0.948	29.77	13M6G7D
		16QAM	0.74	28.69	13M6D7W
		64QAM	0.459	26.62	13M6D7W
		256QAM	0.132	21.21	13M6D7W
20 MHz	3710.01 ~ 3969.99	BPSK	0.982	29.92	18M0G7D
		QPSK	0.951	29.78	18M2G7D
		16QAM	0.745	28.72	18M2D7W
		64QAM	0.465	26.67	18M2D7W
		256QAM	0.131	21.17	18M2D7W
25 MHz	3712.5 ~ 3967.5	BPSK	0.975	29.89	23M2G7D
		QPSK	0.951	29.78	23M2G7D
		16QAM	0.741	28.70	23M2D7W
		64QAM	0.461	26.64	23M2D7W
		256QAM	0.13	21.13	23M2D7W
30 MHz	3715.02 ~ 3964.98	BPSK	0.979	29.91	27M6G7D
		QPSK	0.955	29.80	27M8G7D
		16QAM	0.733	28.65	27M8D7W
		64QAM	0.461	26.64	27M8D7W
		256QAM	0.132	21.21	27M8D7W
40 MHz	3720 ~ 3960	BPSK	0.982	29.92	37M4G7D
		QPSK	0.94	29.73	37M8G7D
		16QAM	0.738	28.68	37M7D7W
		64QAM	0.458	26.61	37M8D7W
		256QAM	0.131	21.18	37M7D7W
50 MHz	3725.01 ~ 3954.99	BPSK	0.968	29.86	47M0G7D
		QPSK	0.957	29.81	47M4G7D
		16QAM	0.743	28.71	47M4D7W
		64QAM	0.456	26.59	47M5D7W
		256QAM	0.132	21.22	47M5D7W
60 MHz	3730.02 ~ 3949.98	BPSK	0.982	29.92	57M7G7D
		QPSK	0.959	29.82	57M7G7D
		16QAM	0.743	28.71	57M7D7W
		64QAM	0.458	26.61	57M7D7W
		256QAM	0.133	21.24	57M7D7W
70 MHz	3735 ~ 3945	BPSK	0.979	29.91	67M1G7D
		QPSK	0.955	29.80	67M3G7D
		16QAM	0.741	28.70	67M3D7W
		64QAM	0.462	26.65	67M3D7W
		256QAM	0.133	21.24	67M3D7W

Bandwidth	TX Frequency Range (MHz)	Modulation	Max. EIRP (W)	Max. EIRP (dBm)	Emission Designator
80 MHz	3740.01 ~ 3939.99	BPSK	0.973	29.88	77M1G7D
		QPSK	0.953	29.79	77M3G7D
		16QAM	0.745	28.72	77M4D7W
		64QAM	0.463	26.66	77M3D7W
		256QAM	0.131	21.17	77M6D7W
90 MHz	3745.02 ~ 3934.98	BPSK	0.975	29.89	87M0G7D
		QPSK	0.953	29.79	87M4G7D
		16QAM	0.741	28.70	87M3D7W
		64QAM	0.46	26.63	87M3D7W
		256QAM	0.132	21.20	87M4D7W
100 MHz	3750 ~ 3930	BPSK	0.962	29.83	97M0G7D
		QPSK	0.984	29.93	97M1G7D
		16QAM	0.743	28.71	97M2D7W
		64QAM	0.461	26.64	97M3D7W
		256QAM	0.134	21.26	97M2D7W

NR n78 SCS 30 kHz (3.45 GHz ~ 3.55 GHz) - Ant 0

Bandwidth	TX Frequency Range (MHz)	Modulation	Max. EIRP (W)	Max. EIRP (dBm)	Emission Designator
10 MHz	3455.01 ~ 3544.98	DFT-S BPSK	0.226	23.54	8M58G7D
		DFT-S QPSK	0.261	24.16	8M59G7D
		DFT-S 16QAM	0.186	22.70	8M58D7W
		DFT-S 64QAM	0.135	21.31	8M59D7W
		CP 256QAM	0.053	17.28	8M58D7W
		CP QPSK	0.166	22.21	8M59G7D
15 MHz	3457.5 ~ 3542.49	DFT-S BPSK	0.228	23.57	13M5G7D
		DFT-S QPSK	0.254	24.04	13M6G7D
		DFT-S 16QAM	0.185	22.67	13M6D7W
		DFT-S 64QAM	0.135	21.29	13M6D7W
		CP 256QAM	0.054	17.34	13M6D7W
		CP QPSK	0.166	22.21	13M6G7D
20 MHz	3460.02 ~ 3540	DFT-S BPSK	0.228	23.57	18M0G7D
		DFT-S QPSK	0.259	24.13	18M2G7D
		DFT-S 16QAM	0.185	22.66	18M2D7W
		DFT-S 64QAM	0.137	21.37	18M2D7W
		CP 256QAM	0.053	17.28	18M2D7W
		CP QPSK	0.165	22.18	18M2G7D
25 MHz	3462.51 ~ 3537.48	DFT-S BPSK	0.226	23.54	23M2G7D
		DFT-S QPSK	0.26	24.15	23M2G7D
		DFT-S 16QAM	0.185	22.67	23M2D7W
		DFT-S 64QAM	0.135	21.29	23M2D7W
		CP 256QAM	0.055	17.40	23M2D7W
		CP QPSK	0.169	22.28	23M2G7D

Bandwidth	TX Frequency Range (MHz)	Modulation	Max. EIRP (W)	Max. EIRP (dBm)	Emission Designator
30 MHz	3465 ~ 3534.99	DFT-S BPSK	0.231	23.63	27M6G7D
		DFT-S QPSK	0.26	24.15	27M8G7D
		DFT-S 16QAM	0.18	22.56	27M8D7W
		DFT-S 64QAM	0.135	21.30	27M8D7W
		CP 256QAM	0.054	17.34	27M8D7W
		CP QPSK	0.165	22.18	27M8G7D
40 MHz	3470.01 ~ 3529.98	DFT-S BPSK	0.224	23.51	37M5G7D
		DFT-S QPSK	0.256	24.09	37M8G7D
		DFT-S 16QAM	0.184	22.65	37M8D7W
		DFT-S 64QAM	0.137	21.36	37M8D7W
		CP 256QAM	0.054	17.30	37M7D7W
		CP QPSK	0.17	22.30	37M8G7D
50 MHz	3475.02 ~ 3525	DFT-S BPSK	0.23	23.61	47M1G7D
		DFT-S QPSK	0.259	24.14	47M4G7D
		DFT-S 16QAM	0.184	22.64	47M4D7W
		DFT-S 64QAM	0.133	21.24	47M5D7W
		CP 256QAM	0.055	17.38	47M4D7W
		CP QPSK	0.171	22.32	47M4G7D
60 MHz	3480 ~ 3519.99	DFT-S BPSK	0.23	23.62	57M7G7D
		DFT-S QPSK	0.259	24.13	57M7G7D
		DFT-S 16QAM	0.185	22.67	57M7D7W
		DFT-S 64QAM	0.135	21.31	57M7D7W
		CP 256QAM	0.054	17.30	57M7D7W
		CP QPSK	0.168	22.25	57M7G7D
70 MHz	3485.01 ~ 3514.98	DFT-S BPSK	0.229	23.59	66M9G7D
		DFT-S QPSK	0.258	24.11	67M2G7D
		DFT-S 16QAM	0.18	22.56	67M2D7W
		DFT-S 64QAM	0.134	21.28	67M2D7W
		CP 256QAM	0.055	17.37	67M2D7W
		CP QPSK	0.166	22.20	67M2G7D
80 MHz	3490.02 ~ 3510	DFT-S BPSK	0.231	23.64	77M0G7D
		DFT-S QPSK	0.258	24.11	77M2G7D
		DFT-S 16QAM	0.18	22.55	77M3D7W
		DFT-S 64QAM	0.136	21.34	77M2D7W
		CP 256QAM	0.055	17.41	77M5D7W
		CP QPSK	0.171	22.32	77M2G7D
90 MHz	3495 ~ 3504.99	DFT-S BPSK	0.228	23.58	86M8G7D
		DFT-S QPSK	0.255	24.06	87M3G7D
		DFT-S 16QAM	0.186	22.70	87M3D7W
		DFT-S 64QAM	0.135	21.29	87M2D7W
		CP 256QAM	0.055	17.40	87M2D7W
		CP QPSK	0.167	22.24	87M3G7D

Bandwidth	TX Frequency Range (MHz)	Modulation	Max. EIRP (W)	Max. EIRP (dBm)	Emission Designator
100 MHz	3500.01	DFT-S BPSK	0.235	23.71	96M4G7D
		DFT-S QPSK	0.265	24.23	97M0G7D
		DFT-S 16QAM	0.188	22.75	97M0D7W
		DFT-S 64QAM	0.139	21.44	97M1D7W
		CP 256QAM	0.056	17.46	97M1D7W
		CP QPSK	0.173	22.37	97M0G7D

NR n78 SCS 30 kHz (3.45 GHz ~ 3.55 GHz) - MIMO

Bandwidth	TX Frequency Range (MHz)	Modulation	Max. EIRP (W)	Max. EIRP (dBm)	Emission Designator
10 MHz	3455.01 ~ 3544.98	BPSK	0.393	25.94	8M58G7D
		QPSK	0.467	26.69	8M59G7D
		16QAM	0.356	25.52	8M58D7W
		64QAM	0.216	23.34	8M59D7W
		256QAM	0.094	19.74	8M58D7W
15 MHz	3457.5 ~ 3542.49	BPSK	0.400	26.02	13M5G7D
		QPSK	0.465	26.67	13M6G7D
		16QAM	0.355	25.50	13M6D7W
		64QAM	0.217	23.36	13M6D7W
		256QAM	0.093	19.69	13M6D7W
20 MHz	3460.02 ~ 3540	BPSK	0.396	25.98	18M0G7D
		QPSK	0.462	26.65	18M2G7D
		16QAM	0.361	25.58	18M2D7W
		64QAM	0.216	23.34	18M2D7W
		256QAM	0.093	19.67	18M2D7W
25 MHz	3462.51 ~ 3537.48	BPSK	0.396	25.98	23M2G7D
		QPSK	0.462	26.65	23M2G7D
		16QAM	0.359	25.55	23M2D7W
		64QAM	0.216	23.34	23M2D7W
		256QAM	0.093	19.68	23M2D7W
30 MHz	3465 ~ 3534.99	BPSK	0.394	25.95	27M6G7D
		QPSK	0.466	26.68	27M8G7D
		16QAM	0.358	25.54	27M8D7W
		64QAM	0.218	23.39	27M8D7W
		256QAM	0.094	19.71	27M8D7W
40 MHz	3470.01 ~ 3529.98	BPSK	0.397	25.99	37M5G7D
		QPSK	0.462	26.65	37M8G7D
		16QAM	0.358	25.54	37M8D7W
		64QAM	0.216	23.34	37M8D7W
		256QAM	0.093	19.70	37M7D7W

Bandwidth	TX Frequency Range (MHz)	Modulation	Max. EIRP (W)	Max. EIRP (dBm)	Emission Designator
50 MHz	3475.02 ~ 3525	BPSK	0.396	25.98	47M1G7D
		QPSK	0.466	26.68	47M4G7D
		16QAM	0.357	25.53	47M4D7W
		64QAM	0.218	23.39	47M5D7W
		256QAM	0.093	19.70	47M4D7W
60 MHz	3480 ~ 3519.99	BPSK	0.394	25.96	57M7G7D
		QPSK	0.459	26.62	57M7G7D
		16QAM	0.360	25.56	57M7D7W
		64QAM	0.218	23.39	57M7D7W
		256QAM	0.093	19.68	57M7D7W
70 MHz	3485.01 ~ 3514.98	BPSK	0.397	25.99	66M9G7D
		QPSK	0.460	26.63	67M2G7D
		16QAM	0.358	25.54	67M2D7W
		64QAM	0.217	23.37	67M2D7W
		256QAM	0.093	19.68	67M2D7W
80 MHz	3490.02 ~ 3510	BPSK	0.395	25.97	77M0G7D
		QPSK	0.460	26.63	77M2G7D
		16QAM	0.360	25.56	77M3D7W
		64QAM	0.216	23.35	77M2D7W
		256QAM	0.092	19.65	77M5D7W
90 MHz	3495 ~ 3504.99	BPSK	0.394	25.96	86M8G7D
		QPSK	0.463	26.66	87M3G7D
		16QAM	0.359	25.55	87M3D7W
		64QAM	0.217	23.37	87M2D7W
		256QAM	0.092	19.66	87M2D7W
100 MHz	3500.01	BPSK	0.400	26.02	96M4G7D
		QPSK	0.469	26.71	97M0G7D
		16QAM	0.363	25.60	97M0D7W
		64QAM	0.219	23.41	97M1D7W
		256QAM	0.094	19.74	97M1D7W

2. The EUT uses following accessories.

Item	Brand	Model
Ant	INPAQ	ANT0/1/2/3 GNSS

3. The EUT supports the following ENDC configuration.

	5G FR1			ENDC
	Band	SCS	Bandwidth (MHz)	
5GNR	n2	15 kHz	5/10/15/20/25/30/40	B5, B12, B13, B48, B66
	n5	15 kHz	5/10/15/20	B2, B48, B66
	n12	15 kHz	5/10/15	-
	n25	15 kHz	5/10/15/20/25/30/40	-
	n30	15 kHz	5/10	-
	n41	30 kHz	10/15/20/25/30/40/50/60/70/80/90/100	B2, B66
	n66	15 kHz	5/10/15/20/25/30/40	B2, B5, B12, B13, B48
	n71	15 kHz	5/10/15/20	B2, B48, B66
	n77 (3.45 GHz ~ 3.55 GHz)	30 kHz	10/15/20/25/30/40/50/60/70/80/90/100	B2, B5, B12, B66
	n77 (3.7 GHz ~ 3.98 GHz)	30 kHz	10/15/20/25/30/40/50/60/70/80/90/100	B2, B5, B12, B66
	n78 (3.45 GHz ~ 3.55 GHz)	30 kHz	10/15/20/25/30/40/50/60/70/80/90/100	-

*This EUT support SA mode and NSA mode, after verification, SA mode was the worst case and chosen for final test.

4. 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.
5. For TDD n41 HPUE, n77 PC1.5, n77 PC2, n78 HPUE mode is supported.

3.2 Antenna Description of EUT

1. The antenna information is listed as below.

NR Band					
Type	External				
Brand	INPAQ				
Band	Freq. Range (MHz)	Peak Gain without cable loss (dBi)			
		Ant. 0 (Main)	Ant. 1 (DRx)	Ant. 2 (DRx)	Ant. 3 (Aux)
NR n2 (Ant 0)	1850 ~ 1910	3.2	3.2	3.2	3.2
NR n5 (Ant 0)	824 ~ 849	1.25	1.25	1.25	1.25
NR n12 (Ant 0)	698 ~ 716	0.78	0.78	0.78	0.78
NR n25 (Ant 0)	1850 ~ 1915	3.2	3.2	3.2	3.2
NR n30 (Ant 3)	2305 ~2315	0	0	0	0
NR n41 (Ant 3)	2496 ~ 2690	2.75	2.75	2.75	2.75
NR n66 (Ant 0)	1710 ~ 1780	3.31	3.31	3.31	3.31
NR n71 (Ant 3)	663 ~ 698	0.53	0.53	0.53	0.53
NR n77 (Ant 0)	3450 ~ 3550	-0.3	-0.3	-0.3	-0.3
NR n77 (Ant 0)	3700 ~ 3980	-0.3	-0.3	-0.3	-0.3
NR n78 (Ant 0)	3450 ~ 3550	-0.3	-0.3	-0.3	-0.3

Ant. No.	Cable Loss (dB)	Cable Length (mm)
Ant. 0	1.5	141.1
Ant. 1	1.3	120.3
Ant. 2	1	78.2
Ant. 3	1.3	121.2

*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.
*For MIMO mode:
i). TDD n41/n77/n78 were fixed on Ant. 0 + Ant. 3
ii). The MIMO mode signal was uncorrelated signal.
iii). Regarding EIRP calculation that we will use the maximum antenna gain/frequency band as calculation parameters.
Directional gain = 10 log[($10^{G1/10}$ + $10^{G2/10}$+… + $10^{GN/10}$)/2] dBi.

3.3 Test Mode Applicability and Tested Channel Detail

Pre-Scan:	1. The antenna of EUT can be used in the following ways: 0 degree/90 degrees. Pre-scan these ways and find the worst case as a representative test condition. 2. Pre-Scan has been conducted to determine the worst-case from all possible combinations of EUT configure mode (1TX or 2TX if available), channel, bandwidth, modulation and RB mode. See below table(s) for details.
Worst Case:	1. 0 degree/90 degrees Worst Condition: 90 degrees

3.3.1 NR n2 SCS 15 kHz

Test Item	EUT Configure Mode	Tested Channel	Channel Bandwidth	Modulation	Mode
Equivalent Isotropically Radiated Power	1TX	370500(1852.50 MHz) 376000(1880.00 MHz) 381500(1907.50 MHz)	5 MHz	π/2 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	π/2 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	π/2 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	π/2 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	π/2 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	π/2 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	π/2 BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
Modulation Characteristics	1TX	376000(1880.00 MHz)	40 MHz	π/2 BPSK / QPSK / 16QAM / 64QAM / 256QAM	Full RB

Test Item	EUT Configure Mode	Tested Channel	Channel Bandwidth	Modulation	Mode
Peak to Average Ratio	1TX	370500(1852.50 MHz) 376000(1880.00 MHz) 381500(1907.50 MHz)	5 MHz	π/2 BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB
		371000(1855.00 MHz) 376000(1880.00 MHz) 381000(1905.00 MHz)	10 MHz	π/2 BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB
		371500(1857.50 MHz) 376000(1880.00 MHz) 380500(1902.50 MHz)	15 MHz	π/2 BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB
		372000(1860.00 MHz) 376000(1880.00 MHz) 380000(1900.00 MHz)	20 MHz	π/2 BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB
		372500(1862.50 MHz) 376000(1880.00 MHz) 379500(1897.50 MHz)	25 MHz	π/2 BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB
		373000(1865.00 MHz) 376000(1880.00 MHz) 379000(1895.00 MHz)	30 MHz	π/2 BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB
		374000(1870.00 MHz) 376000(1880.00 MHz) 378000(1890.00 MHz)	40 MHz	π/2 BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB

Test Item	EUT Configure Mode	Tested Channel	Channel Bandwidth	Modulation	Mode
Bandwidth	1TX	370500(1852.50 MHz) 376000(1880.00 MHz) 381500(1907.50 MHz)	5 MHz	π/2 BPSK / QPSK / 16QAM / 64QAM / 256QAM	Full RB
		371000(1855.00 MHz) 376000(1880.00 MHz) 381000(1905.00 MHz)	10 MHz	π/2 BPSK / QPSK / 16QAM / 64QAM / 256QAM	Full RB
		371500(1857.50 MHz) 376000(1880.00 MHz) 380500(1902.50 MHz)	15 MHz	π/2 BPSK / QPSK / 16QAM / 64QAM / 256QAM	Full RB
		372000(1860.00 MHz) 376000(1880.00 MHz) 380000(1900.00 MHz)	20 MHz	π/2 BPSK / QPSK / 16QAM / 64QAM / 256QAM	Full RB
		372500(1862.50 MHz) 376000(1880.00 MHz) 379500(1897.50 MHz)	25 MHz	π/2 BPSK / QPSK / 16QAM / 64QAM / 256QAM	Full RB
		373000(1865.00 MHz) 376000(1880.00 MHz) 379000(1895.00 MHz)	30 MHz	π/2 BPSK / QPSK / 16QAM / 64QAM / 256QAM	Full RB
		374000(1870.00 MHz) 376000(1880.00 MHz) 378000(1890.00 MHz)	40 MHz	π/2 BPSK / QPSK / 16QAM / 64QAM / 256QAM	Full RB
Conducted Spurious Emissions	1TX	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

Test Item	EUT Configure Mode	Tested Channel	Channel Bandwidth	Modulation	Mode
Conducted Spurious Emissions	1TX	373000(1865.00 MHz) 376000(1880.00 MHz) 379000(1895.00 MHz)	30 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	1TX	381500(1907.50 MHz)	5 MHz	QPSK	1 RB
Radiated Spurious Emissions above 1GHz	1TX	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 (1850MHz to 1910MHz)	1TX	370500(1852.50 MHz) 381500(1907.50 MHz)	5 MHz	QPSK	Full RB
		371000(1855.00 MHz) 381000(1905.00 MHz)	10 MHz	QPSK	Full RB
		371500(1857.50 MHz) 380500(1902.50 MHz)	15 MHz	QPSK	Full RB
		372000(1860.00 MHz) 380000(1900.00 MHz)	20 MHz	QPSK	Full RB
		372500(1862.50 MHz) 379500(1897.50 MHz)	25 MHz	QPSK	Full RB
		373000(1865.00 MHz) 379000(1895.00 MHz)	30 MHz	QPSK	Full RB
		374000(1870.00 MHz) 378000(1890.00 MHz)	40 MHz	QPSK	Full RB

3.3.2 NR n5 SCS 15 kHz

Test Item	EUT Configure Mode	Tested Channel	Channel Bandwidth	Modulation	Mode
Effective Radiated Power	1TX	165300(826.50 MHz) 167300(836.50 MHz) 169300(846.50 MHz)	5 MHz	π/2 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	π/2 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	π/2 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	π/2 BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
Modulation Characteristics	1TX	167300(836.50 MHz)	20 MHz	π/2 BPSK / QPSK / 16QAM / 64QAM / 256QAM	Full RB
Peak to Average Ratio	1TX	165300(826.50 MHz) 167300(836.50 MHz) 169300(846.50 MHz)	5 MHz	π/2 BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB
		165800(829.00 MHz) 167300(836.50 MHz) 168800(844.00 MHz)	10 MHz	π/2 BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB
		166300(831.50 MHz) 167300(836.50 MHz) 168300(841.50 MHz)	15 MHz	π/2 BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB
		166800(834.00 MHz) 167300(836.50 MHz) 167800(839.00 MHz)	20 MHz	π/2 BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB

Test Item	EUT Configure Mode	Tested Channel	Channel Bandwidth	Modulation	Mode
Bandwidth	1TX	165300(826.50 MHz) 167300(836.50 MHz) 169300(846.50 MHz)	5 MHz	π/2 BPSK / QPSK / 16QAM / 64QAM / 256QAM	Full RB
		165800(829.00 MHz) 167300(836.50 MHz) 168800(844.00 MHz)	10 MHz	π/2 BPSK / QPSK / 16QAM / 64QAM / 256QAM	Full RB
		166300(831.50 MHz) 167300(836.50 MHz) 168300(841.50 MHz)	15 MHz	π/2 BPSK / QPSK / 16QAM / 64QAM / 256QAM	Full RB
		166800(834.00 MHz) 167300(836.50 MHz) 167800(839.00 MHz)	20 MHz	π/2 BPSK / QPSK / 16QAM / 64QAM / 256QAM	Full RB
Conducted Spurious Emissions	1TX	165300(826.50 MHz) 167300(836.50 MHz) 169300(846.50 MHz)	5 MHz	QPSK	1 RB Full RB
		165800(829.00 MHz) 167300(836.50 MHz) 168800(844.00 MHz)	10 MHz	QPSK	1 RB Full RB
		166300(831.50 MHz) 167300(836.50 MHz) 168300(841.50 MHz)	15 MHz	QPSK	1 RB Full RB
		166800(834.00 MHz) 167300(836.50 MHz) 167800(839.00 MHz)	20 MHz	QPSK	1 RB Full RB
Radiated Spurious Emissions below 1GHz	1TX	167800(839.00 MHz)	20 MHz	QPSK	1 RB
Radiated Spurious Emissions above 1GHz	1TX	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
Frequency Stability (824MHz to 849MHz)	1TX	165300(826.50 MHz) 169300(846.50 MHz)	5 MHz	QPSK	Full RB
		165800(829.00 MHz) 168800(844.00 MHz)	10 MHz	QPSK	Full RB
		166300(831.50 MHz) 168300(841.50 MHz)	15 MHz	QPSK	Full RB
		166800(834.00 MHz) 167800(839.00 MHz)	20 MHz	QPSK	Full RB

3.3.3 NR n12 SCS 15 kHz

Test Item	EUT Configure Mode	Tested Channel	Channel Bandwidth	Modulation	Mode
Effective Radiated Power	1TX	140300(701.50 MHz) 141500(707.50 MHz) 142700(713.50 MHz)	5 MHz	π/2 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	π/2 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	π/2 BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
Modulation Characteristics	1TX	141500(707.50 MHz)	15 MHz	π/2 BPSK / QPSK / 16QAM / 64QAM / 256QAM	Full RB
Peak to Average Ratio	1TX	140300(701.50 MHz) 141500(707.50 MHz) 142700(713.50 MHz)	5 MHz	π/2 BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB
		140800(704.00 MHz) 141500(707.50 MHz) 142200(711.00 MHz)	10 MHz	π/2 BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB
		141300(706.50 MHz) 141500(707.50 MHz) 141700(708.50 MHz)	15 MHz	π/2 BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB
Bandwidth	1TX	140300(701.50 MHz) 141500(707.50 MHz) 142700(713.50 MHz)	5 MHz	π/2 BPSK / QPSK / 16QAM / 64QAM / 256QAM	Full RB
		140800(704.00 MHz) 141500(707.50 MHz) 142200(711.00 MHz)	10 MHz	π/2 BPSK / QPSK / 16QAM / 64QAM / 256QAM	Full RB
		141300(706.50 MHz) 141500(707.50 MHz) 141700(708.50 MHz)	15 MHz	π/2 BPSK / QPSK / 16QAM / 64QAM / 256QAM	Full RB

Test Item	EUT Configure Mode	Tested Channel	Channel Bandwidth	Modulation	Mode
Conducted Spurious Emissions	1TX	140300(701.50 MHz) 141500(707.50 MHz) 142700(713.50 MHz)	5 MHz	QPSK	1 RB Full RB
		140800(704.00 MHz) 141500(707.50 MHz) 142200(711.00 MHz)	10 MHz	QPSK	1 RB Full RB
		141300(706.50 MHz) 141500(707.50 MHz) 141700(708.50 MHz)	15 MHz	QPSK	1 RB Full RB
Radiated Spurious Emissions below 1GHz	1TX	141500(707.50 MHz)	5 MHz	QPSK	1 RB
Radiated Spurious Emissions above 1GHz	1TX	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
Frequency Stability (698MHz to 716MHz)	1TX	140300(701.50 MHz) 142700(713.50 MHz)	5 MHz	QPSK	Full RB
		140800(704.00 MHz) 142200(711.00 MHz)	10 MHz	QPSK	Full RB
		141300(706.50 MHz) 141700(708.50 MHz)	15 MHz	QPSK	Full RB

3.3.4 NR n25 SCS 15 kHz

Test Item	EUT Configure Mode	Tested Channel	Channel Bandwidth	Modulation	Mode
Equivalent Isotropically Radiated Power	1TX	370500(1852.50 MHz) 376500(1882.50 MHz) 382500(1912.50 MHz)	5 MHz	π/2 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	π/2 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	π/2 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	π/2 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	π/2 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	π/2 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	π/2 BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
Modulation Characteristics	1TX	376500(1882.50 MHz)	40 MHz	π/2 BPSK / QPSK / 16QAM / 64QAM / 256QAM	Full RB

Test Item	EUT Configure Mode	Tested Channel	Channel Bandwidth	Modulation	Mode
Peak to Average Ratio	1TX	370500(1852.50 MHz) 376500(1882.50 MHz) 382500(1912.50 MHz)	5 MHz	π/2 BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB
		371000(1855.00 MHz) 376500(1882.50 MHz) 382000(1910.00 MHz)	10 MHz	π/2 BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB
		371500(1857.50 MHz) 376500(1882.50 MHz) 381500(1907.50 MHz)	15 MHz	π/2 BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB
		372000(1860.00 MHz) 376500(1882.50 MHz) 381000(1905.00 MHz)	20 MHz	π/2 BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB
		372500(1862.50 MHz) 376500(1882.50 MHz) 380500(1902.50 MHz)	25 MHz	π/2 BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB
		373000(1865.00 MHz) 376500(1882.50 MHz) 380000(1900.00 MHz)	30 MHz	π/2 BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB
		374000(1870.00 MHz) 376500(1882.50 MHz) 379000(1895.00 MHz)	40 MHz	π/2 BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB
Bandwidth	1TX	370500(1852.50 MHz) 376500(1882.50 MHz) 382500(1912.50 MHz)	5 MHz	π/2 BPSK / QPSK / 16QAM / 64QAM / 256QAM	Full RB
		371000(1855.00 MHz) 376500(1882.50 MHz) 382000(1910.00 MHz)	10 MHz	π/2 BPSK / QPSK / 16QAM / 64QAM / 256QAM	Full RB
		371500(1857.50 MHz) 376500(1882.50 MHz) 381500(1907.50 MHz)	15 MHz	π/2 BPSK / QPSK / 16QAM / 64QAM / 256QAM	Full RB

Test Item	EUT Configure Mode	Tested Channel	Channel Bandwidth	Modulation	Mode
Bandwidth	1TX	372000(1860.00 MHz) 376500(1882.50 MHz) 381000(1905.00 MHz)	20 MHz	π/2 BPSK / QPSK / 16QAM / 64QAM / 256QAM	Full RB
		372500(1862.50 MHz) 376500(1882.50 MHz) 380500(1902.50 MHz)	25 MHz	π/2 BPSK / QPSK / 16QAM / 64QAM / 256QAM	Full RB
		373000(1865.00 MHz) 376500(1882.50 MHz) 380000(1900.00 MHz)	30 MHz	π/2 BPSK / QPSK / 16QAM / 64QAM / 256QAM	Full RB
		374000(1870.00 MHz) 376500(1882.50 MHz) 379000(1895.00 MHz)	40 MHz	π/2 BPSK / QPSK / 16QAM / 64QAM / 256QAM	Full RB
Conducted Spurious Emissions	1TX	370500(1852.50 MHz) 376500(1882.50 MHz) 382500(1912.50 MHz)	5 MHz	QPSK	1 RB Full RB
		371000(1855.00 MHz) 376500(1882.50 MHz) 382000(1910.00 MHz)	10 MHz	QPSK	1 RB Full RB
		371500(1857.50 MHz) 376500(1882.50 MHz) 381500(1907.50 MHz)	15 MHz	QPSK	1 RB Full RB
		372000(1860.00 MHz) 376500(1882.50 MHz) 381000(1905.00 MHz)	20 MHz	QPSK	1 RB Full RB
		372500(1862.50 MHz) 376500(1882.50 MHz) 380500(1902.50 MHz)	25 MHz	QPSK	1 RB Full RB
		373000(1865.00 MHz) 376500(1882.50 MHz) 380000(1900.00 MHz)	30 MHz	QPSK	1 RB Full RB
		374000(1870.00 MHz) 376500(1882.50 MHz) 379000(1895.00 MHz)	40 MHz	QPSK	1 RB Full RB
Radiated Spurious Emissions below 1GHz	1TX	381000(1905.00 MHz)	20 MHz	QPSK	1 RB

Test Item	EUT Configure Mode	Tested Channel	Channel Bandwidth	Modulation	Mode
Radiated Spurious Emissions above 1GHz	1TX	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
Frequency Stability (1850MHz to 1915MHz)	1TX	370500(1852.50 MHz) 382500(1912.50 MHz)	5 MHz	QPSK	Full RB
		371000(1855.00 MHz) 382000(1910.00 MHz)	10 MHz	QPSK	Full RB
		371500(1857.50 MHz) 381500(1907.50 MHz)	15 MHz	QPSK	Full RB
		372000(1860.00 MHz) 381000(1905.00 MHz)	20 MHz	QPSK	Full RB
		372500(1862.50 MHz) 380500(1902.50 MHz)	25 MHz	QPSK	Full RB
		373000(1865.00 MHz) 380000(1900.00 MHz)	30 MHz	QPSK	Full RB
		374000(1870.00 MHz) 379000(1895.00 MHz)	40 MHz	QPSK	Full RB

3.3.5 NR n30 SCS 15 kHz

Test Item	EUT Configure Mode	Tested Channel	Channel Bandwidth	Modulation	Mode
Effective Radiated Power	1TX	461500(2307.50 MHz) 462000(2310.00 MHz) 462500(2312.50 MHz)	5 MHz	π/2 BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
		462000(2310.00 MHz)	10 MHz	π/2 BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
Modulation Characteristics	1TX	462000(2310.00 MHz)	10 MHz	π/2 BPSK / QPSK / 16QAM / 64QAM / 256QAM	Full RB
Peak to Average Ratio	1TX	461500(2307.50 MHz) 462000(2310.00 MHz) 462500(2312.50 MHz)	5 MHz	π/2 BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB
		462000(2310.00 MHz)	10 MHz	π/2 BPSK / QPSK / 16QAM / 64QAM / 256QAM	Full RB
Bandwidth	1TX	461500(2307.50 MHz) 462000(2310.00 MHz) 462500(2312.50 MHz)	5 MHz	π/2 BPSK / QPSK / 16QAM / 64QAM / 256QAM	Full RB
		462000(2310.00 MHz)	10 MHz	π/2 BPSK / QPSK / 16QAM / 64QAM / 256QAM	Full RB
Conducted Spurious Emissions	1TX	461500(2307.50 MHz) 462000(2310.00 MHz) 462500(2312.50 MHz)	5 MHz	QPSK	1 RB Full RB
		462000(2310.00 MHz)	10 MHz	QPSK	1 RB Full RB
Radiated Spurious Emissions below 1GHz	1TX	462000(2310.00 MHz)	10 MHz	QPSK	1 RB
Radiated Spurious Emissions above 1GHz	1TX	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
Frequency Stability (2305MHz to 2315MHz)	1TX	461500(2307.50 MHz) 462500(2312.50 MHz)	5 MHz	QPSK	Full RB
		462000(2310.00 MHz)	10 MHz	QPSK	Full RB

3.3.6 NR n41 SCS 30 kHz

Test Item	EUT Configure Mode	Tested Channel	Channel Bandwidth	Modulation	Mode
Equivalent Isotropically Radiated Power	1TX, 2TX	500202(2501.01 MHz) 518598(2592.99 MHz) 537000(2685.00 MHz)	10 MHz	π/2 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	π/2 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	π/2 BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
		501702(2508.51 MHz) 518598(2592.99 MHz) 535500(2677.5 MHz)	25 MHz	π/2 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	π/2 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	π/2 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	π/2 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	π/2 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	π/2 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	π/2 BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB

Test Item	EUT Configure Mode	Tested Channel	Channel Bandwidth	Modulation	Mode
Equivalent Isotropically Radiated Power	1TX, 2TX	508200(2541.00 MHz) 518598(2592.99 MHz) 528996(2644.98 MHz)	90 MHz	π/2 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	π/2 BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
Modulation Characteristics	2TX	518598(2592.99 MHz)	100 MHz	π/2 BPSK / QPSK / 16QAM / 64QAM / 256QAM	Full RB
Peak to Average Ratio	2TX	500202(2501.01 MHz) 518598(2592.99 MHz) 537000(2685.00 MHz)	10 MHz	π/2 BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB
		500700(2503.50 MHz) 518598(2592.99 MHz) 536496(2682.48 MHz)	15 MHz	π/2 BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB
		501204(2506.02 MHz) 518598(2592.99 MHz) 535998(2679.99 MHz)	20 MHz	π/2 BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB
		501702(2508.51 MHz) 518598(2592.99 MHz) 535500(2677.5 MHz)	25 MHz	π/2 BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB
		502200(2511.00 MHz) 518598(2592.99 MHz) 534996(2674.98 MHz)	30 MHz	π/2 BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB
		503202(2516.01 MHz) 518598(2592.99 MHz) 534000(2670.00 MHz)	40 MHz	π/2 BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB
		504204(2521.02 MHz) 518598(2592.99 MHz) 532998(2664.99 MHz)	50 MHz	π/2 BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB

Test Item	EUT Configure Mode	Tested Channel	Channel Bandwidth	Modulation	Mode
Peak to Average Ratio	2TX	505200(2526.00 MHz) 518598(2592.99 MHz) 531996(2659.98 MHz)	60 MHz	π/2 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	π/2 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	π/2 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	π/2 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	π/2 BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
Bandwidth	2TX	500202(2501.01 MHz) 518598(2592.99 MHz) 537000(2685.00 MHz)	10 MHz	π/2 BPSK / QPSK / 16QAM / 64QAM / 256QAM	Full RB
		500700(2503.50 MHz) 518598(2592.99 MHz) 536496(2682.48 MHz)	15 MHz	π/2 BPSK / QPSK / 16QAM / 64QAM / 256QAM	Full RB
		501204(2506.02 MHz) 518598(2592.99 MHz) 535998(2679.99 MHz)	20 MHz	π/2 BPSK / QPSK / 16QAM / 64QAM / 256QAM	Full RB
		501702(2508.51 MHz) 518598(2592.99 MHz) 535500(2677.5 MHz)	25 MHz	π/2 BPSK / QPSK / 16QAM / 64QAM / 256QAM	Full RB
		502200(2511.00 MHz) 518598(2592.99 MHz) 534996(2674.98 MHz)	30 MHz	π/2 BPSK / QPSK / 16QAM / 64QAM / 256QAM	Full RB

Test Item	EUT Configure Mode	Tested Channel	Channel Bandwidth	Modulation	Mode
Bandwidth	2TX	503202(2516.01 MHz) 518598(2592.99 MHz) 534000(2670.00 MHz)	40 MHz	π/2 BPSK / QPSK / 16QAM / 64QAM / 256QAM	Full RB
		504204(2521.02 MHz) 518598(2592.99 MHz) 532998(2664.99 MHz)	50 MHz	π/2 BPSK / QPSK / 16QAM / 64QAM / 256QAM	Full RB
		505200(2526.00 MHz) 518598(2592.99 MHz) 531996(2659.98 MHz)	60 MHz	π/2 BPSK / QPSK / 16QAM / 64QAM / 256QAM	Full RB
		506202(2531.01 MHz) 518598(2592.99 MHz) 531000(2655.00 MHz)	70 MHz	π/2 BPSK / QPSK / 16QAM / 64QAM / 256QAM	Full RB
		507204(2536.02 MHz) 518598(2592.99 MHz) 529998(2649.99 MHz)	80 MHz	π/2 BPSK / QPSK / 16QAM / 64QAM / 256QAM	Full RB
		508200(2541.00 MHz) 518598(2592.99 MHz) 528996(2644.98 MHz)	90 MHz	π/2 BPSK / QPSK / 16QAM / 64QAM / 256QAM	Full RB
		509202(2546.01 MHz) 518598(2592.99 MHz) 528000(2640.00 MHz)	100 MHz	π/2 BPSK / QPSK / 16QAM / 64QAM / 256QAM	Full RB
Conducted Spurious Emissions	2TX	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(2677.5 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

Test Item	EUT Configure Mode	Tested Channel	Channel Bandwidth	Modulation	Mode
Conducted Spurious Emissions	2TX	503202(2516.01 MHz) 518598(2592.99 MHz) 534000(2670.00 MHz)	40 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	2TX	528000(2640.00 MHz)	100 MHz	QPSK	1 RB
Radiated Spurious Emissions above 1GHz	2TX	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 (2496MHz to 2690MHz)	2TX	500202(2501.01 MHz) 537000(2685.00 MHz)	10 MHz	QPSK	Full RB
		500700(2503.50 MHz) 536496(2682.48 MHz)	15 MHz	QPSK	Full RB
		501204(2506.02 MHz) 535998(2679.99 MHz)	20 MHz	QPSK	Full RB
		501702(2508.51 MHz) 535500(2677.5 MHz)	25 MHz	QPSK	Full RB
		502200(2511.00 MHz) 534996(2674.98 MHz)	30 MHz	QPSK	Full RB
		503202(2516.01 MHz) 534000(2670.00 MHz)	40 MHz	QPSK	Full RB

Test Item	EUT Configure Mode	Tested Channel	Channel Bandwidth	Modulation	Mode
Frequency Stability (2496MHz to 2690MHz)	2TX	504204(2521.02 MHz) 532998(2664.99 MHz)	50 MHz	QPSK	Full RB
		505200(2526.00 MHz) 531996(2659.98 MHz)	60 MHz	QPSK	Full RB
		506202(2531.01 MHz) 531000(2655.00 MHz)	70 MHz	QPSK	Full RB
		507204(2536.02 MHz) 529998(2649.99 MHz)	80 MHz	QPSK	Full RB
		508200(2541.00 MHz) 528996(2644.98 MHz)	90 MHz	QPSK	Full RB
		509202(2546.01 MHz) 528000(2640.00 MHz)	100 MHz	QPSK	Full RB

3.3.7 NR n66 SCS 15 kHz

Test Item	EUT Configure Mode	Tested Channel	Channel Bandwidth	Modulation	Mode
Equivalent Isotropically Radiated Power	1TX	342500(1712.50 MHz) 349000(1745.00 MHz) 355500(1777.50 MHz)	5 MHz	π/2 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	π/2 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	π/2 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	π/2 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	π/2 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	π/2 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	π/2 BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
Modulation Characteristics	1TX	349000(1745.00 MHz)	40 MHz	π/2 BPSK / QPSK / 16QAM / 64QAM / 256QAM	Full RB

Test Item	EUT Configure Mode	Tested Channel	Channel Bandwidth	Modulation	Mode
Peak to Average Ratio	1TX	342500(1712.50 MHz) 349000(1745.00 MHz) 355500(1777.50 MHz)	5 MHz	π/2 BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB
		343000(1715.00 MHz) 349000(1745.00 MHz) 355000(1775.00 MHz)	10 MHz	π/2 BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB
		343500(1717.50 MHz) 349000(1745.00 MHz) 354500(1772.50 MHz)	15 MHz	π/2 BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB
		344000(1720.00 MHz) 349000(1745.00 MHz) 354000(1770.00 MHz)	20 MHz	π/2 BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB
		344500(1722.50 MHz) 349000(1745.00 MHz) 353500(1767.50 MHz)	25 MHz	π/2 BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB
		345000(1725.00 MHz) 349000(1745.00 MHz) 353000(1765.00 MHz)	30 MHz	π/2 BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB
		346000(1730.00 MHz) 349000(1745.00 MHz) 352000(1760.00 MHz)	40 MHz	π/2 BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB
Bandwidth	1TX	342500(1712.50 MHz) 349000(1745.00 MHz) 355500(1777.50 MHz)	5 MHz	π/2 BPSK / QPSK / 16QAM / 64QAM / 256QAM	Full RB
		343000(1715.00 MHz) 349000(1745.00 MHz) 355000(1775.00 MHz)	10 MHz	π/2 BPSK / QPSK / 16QAM / 64QAM / 256QAM	Full RB
		343500(1717.50 MHz) 349000(1745.00 MHz) 354500(1772.50 MHz)	15 MHz	π/2 BPSK / QPSK / 16QAM / 64QAM / 256QAM	Full RB

Test Item	EUT Configure Mode	Tested Channel	Channel Bandwidth	Modulation	Mode
Bandwidth	1TX	344000(1720.00 MHz) 349000(1745.00 MHz) 354000(1770.00 MHz)	20 MHz	π/2 BPSK / QPSK / 16QAM / 64QAM / 256QAM	Full RB
		344500(1722.50 MHz) 349000(1745.00 MHz) 353500(1767.50 MHz)	25 MHz	π/2 BPSK / QPSK / 16QAM / 64QAM / 256QAM	Full RB
		345000(1725.00 MHz) 349000(1745.00 MHz) 353000(1765.00 MHz)	30 MHz	π/2 BPSK / QPSK / 16QAM / 64QAM / 256QAM	Full RB
		346000(1730.00 MHz) 349000(1745.00 MHz) 352000(1760.00 MHz)	40 MHz	π/2 BPSK / QPSK / 16QAM / 64QAM / 256QAM	Full RB
Conducted Spurious Emissions	1TX	342500(1712.50 MHz) 349000(1745.00 MHz) 355500(1777.50 MHz)	5 MHz	QPSK	1 RB Full RB
		343000(1715.00 MHz) 349000(1745.00 MHz) 355000(1775.00 MHz)	10 MHz	QPSK	1 RB Full RB
		343500(1717.50 MHz) 349000(1745.00 MHz) 354500(1772.50 MHz)	15 MHz	QPSK	1 RB Full RB
		344000(1720.00 MHz) 349000(1745.00 MHz) 354000(1770.00 MHz)	20 MHz	QPSK	1 RB Full RB
		344500(1722.50 MHz) 349000(1745.00 MHz) 353500(1767.50 MHz)	25 MHz	QPSK	1 RB Full RB
		345000(1725.00 MHz) 349000(1745.00 MHz) 353000(1765.00 MHz)	30 MHz	QPSK	1 RB Full RB
		346000(1730.00 MHz) 349000(1745.00 MHz) 352000(1760.00 MHz)	40 MHz	QPSK	1 RB Full RB
Radiated Spurious Emissions below 1GHz	1TX	352000(1760.00 MHz)	20 MHz	QPSK	1 RB

Test Item	EUT Configure Mode	Tested Channel	Channel Bandwidth	Modulation	Mode
Radiated Spurious Emissions above 1GHz	1TX	342500(1712.50 MHz) 349000(1745.00 MHz) 355500(1777.50 MHz)	5 MHz	QPSK	1 RB
		344000(1720.00 MHz) 349000(1745.00 MHz) 354000(1770.00 MHz)	20 MHz	QPSK	1 RB
		346000(1730.00 MHz) 349000(1745.00 MHz) 352000(1760.00 MHz)	40 MHz	QPSK	1 RB
Frequency Stability (1710MHz to 1780MHz)	1TX	342500(1712.50 MHz) 355500(1777.50 MHz)	5 MHz	QPSK	Full RB
		343000(1715.00 MHz) 355000(1775.00 MHz)	10 MHz	QPSK	Full RB
		343500(1717.50 MHz) 354500(1772.50 MHz)	15 MHz	QPSK	Full RB
		344000(1720.00 MHz) 354000(1770.00 MHz)	20 MHz	QPSK	Full RB
		344500(1722.50 MHz) 353500(1767.50 MHz)	25 MHz	QPSK	Full RB
		345000(1725.00 MHz) 353000(1765.00 MHz)	30 MHz	QPSK	Full RB
		346000(1730.00 MHz) 352000(1760.00 MHz)	40 MHz	QPSK	Full RB

3.3.8 NR n71 SCS 15 kHz

Test Item	EUT Configure Mode	Tested Channel	Channel Bandwidth	Modulation	Mode
Effective Radiated Power	1TX	133100(665.50 MHz) 136100(680.50 MHz) 139100(695.50 MHz)	5 MHz	π/2 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	π/2 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	π/2 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	π/2 BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
Modulation Characteristics	1TX	136100(680.50 MHz)	20 MHz	π/2 BPSK / QPSK / 16QAM / 64QAM / 256QAM	Full RB
Peak to Average Ratio	1TX	133100(665.50 MHz) 136100(680.50 MHz) 139100(695.50 MHz)	5 MHz	π/2 BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB
		133600(668.00 MHz) 136100(680.50 MHz) 138600(693.00 MHz)	10 MHz	π/2 BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB
		134100(670.50 MHz) 136100(680.50 MHz) 138100(690.50 MHz)	15 MHz	π/2 BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB
		134600(673.00 MHz) 136100(680.50 MHz) 137600(688.00 MHz)	20 MHz	π/2 BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB

Test Item	EUT Configure Mode	Tested Channel	Channel Bandwidth	Modulation	Mode
Bandwidth	1TX	133100(665.50 MHz) 136100(680.50 MHz) 139100(695.50 MHz)	5 MHz	π/2 BPSK / QPSK / 16QAM / 64QAM / 256QAM	Full RB
		133600(668.00 MHz) 136100(680.50 MHz) 138600(693.00 MHz)	10 MHz	π/2 BPSK / QPSK / 16QAM / 64QAM / 256QAM	Full RB
		134100(670.50 MHz) 136100(680.50 MHz) 138100(690.50 MHz)	15 MHz	π/2 BPSK / QPSK / 16QAM / 64QAM / 256QAM	Full RB
		134600(673.00 MHz) 136100(680.50 MHz) 137600(688.00 MHz)	20 MHz	π/2 BPSK / QPSK / 16QAM / 64QAM / 256QAM	Full RB
Conducted Spurious Emissions	1TX	133100(665.50 MHz) 136100(680.50 MHz) 139100(695.50 MHz)	5 MHz	QPSK	1 RB Full RB
		133600(668.00 MHz) 136100(680.50 MHz) 138600(693.00 MHz)	10 MHz	QPSK	1 RB Full RB
		134100(670.50 MHz) 136100(680.50 MHz) 138100(690.50 MHz)	15 MHz	QPSK	1 RB Full RB
		134600(673.00 MHz) 136100(680.50 MHz) 137600(688.00 MHz)	20 MHz	QPSK	1 RB Full RB
Radiated Spurious Emissions below 1GHz	1TX	136100(680.50 MHz)	20 MHz	QPSK	1 RB
Radiated Spurious Emissions above 1GHz	1TX	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
Frequency Stability (663MHz to 698MHz)	1TX	133100(665.50 MHz) 139100(695.50 MHz)	5 MHz	QPSK	Full RB
		133600(668.00 MHz) 138600(693.00 MHz)	10 MHz	QPSK	Full RB
		134100(670.50 MHz) 138100(690.50 MHz)	15 MHz	QPSK	Full RB
		134600(673.00 MHz) 137600(688.00 MHz)	20 MHz	QPSK	Full RB

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

Test Item	EUT Configure Mode	Tested Channel	Channel Bandwidth	Modulation	Mode
Effective Radiated Power	1TX, 2TX	630334(3455.01 MHz) 633334(3500.01 MHz) 636332(3544.98 MHz)	10 MHz	π/2 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	π/2 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	π/2 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	π/2 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	π/2 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	π/2 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	π/2 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	π/2 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	π/2 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	π/2 BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB

Test Item	EUT Configure Mode	Tested Channel	Channel Bandwidth	Modulation	Mode
Effective Radiated Power	1TX, 2TX	630000(3495.00 MHz) 633334(3500.01 MHz) 633666(3504.99 MHz)	90 MHz	π/2 BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
		633334(3500.01 MHz)	100 MHz	π/2 BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
Modulation Characteristics	2TX	633334(3500.01 MHz)	100 MHz	π/2 BPSK / QPSK / 16QAM / 64QAM / 256QAM	Full RB
Peak to Average Ratio	2TX	630334(3455.01 MHz) 633334(3500.01 MHz) 636332(3544.98 MHz)	10 MHz	π/2 BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB
		630500(3457.50 MHz) 633334(3500.01 MHz) 636166(3542.49 MHz)	15 MHz	π/2 BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB
		630668(3460.02 MHz) 633334(3500.01 MHz) 636000(3540.00 MHz)	20 MHz	π/2 BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB
		630834(3462.51 MHz) 633334(3500.01 MHz) 635832(3537.48 MHz)	25 MHz	π/2 BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB
		631000(3465.00 MHz) 633334(3500.01 MHz) 635666(3534.99 MHz)	30 MHz	π/2 BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB
		631334(3470.01 MHz) 633334(3500.01 MHz) 635332(3529.98 MHz)	40 MHz	π/2 BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB
		631668(3475.02 MHz) 633334(3500.01 MHz) 635000(3525.00 MHz)	50 MHz	π/2 BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB

Test Item	EUT Configure Mode	Tested Channel	Channel Bandwidth	Modulation	Mode
Peak to Average Ratio	2TX	632000(3480.00 MHz) 633334(3500.01 MHz) 634666(3519.99 MHz)	60 MHz	π/2 BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB
		632334(3485.01 MHz) 633334(3500.01 MHz) 634332(3514.98 MHz)	70 MHz	π/2 BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB
		632668(3490.02 MHz) 633334(3500.01 MHz) 634000(3510.00 MHz)	80 MHz	π/2 BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB
		630000(3495.00 MHz) 633334(3500.01 MHz) 633666(3504.99 MHz)	90 MHz	π/2 BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB
		633334(3500.01 MHz)	100 MHz	π/2 BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB
Bandwidth	2TX	630334(3455.01 MHz) 633334(3500.01 MHz) 636332(3544.98 MHz)	10 MHz	π/2 BPSK / QPSK / 16QAM / 64QAM / 256QAM	Full RB
		630500(3457.50 MHz) 633334(3500.01 MHz) 636166(3542.49 MHz)	15 MHz	π/2 BPSK / QPSK / 16QAM / 64QAM / 256QAM	Full RB
		630668(3460.02 MHz) 633334(3500.01 MHz) 636000(3540.00 MHz)	20 MHz	π/2 BPSK / QPSK / 16QAM / 64QAM / 256QAM	Full RB
		630834(3462.51 MHz) 633334(3500.01 MHz) 635832(3537.48 MHz)	25 MHz	π/2 BPSK / QPSK / 16QAM / 64QAM / 256QAM	Full RB
		631000(3465.00 MHz) 633334(3500.01 MHz) 635666(3534.99 MHz)	30 MHz	π/2 BPSK / QPSK / 16QAM / 64QAM / 256QAM	Full RB

Test Item	EUT Configure Mode	Tested Channel	Channel Bandwidth	Modulation	Mode
Bandwidth	2TX	631334(3470.01 MHz) 633334(3500.01 MHz) 635332(3529.98 MHz)	40 MHz	π/2 BPSK / QPSK / 16QAM / 64QAM / 256QAM	Full RB
		631668(3475.02 MHz) 633334(3500.01 MHz) 635000(3525.00 MHz)	50 MHz	π/2 BPSK / QPSK / 16QAM / 64QAM / 256QAM	Full RB
		632000(3480.00 MHz) 633334(3500.01 MHz) 634666(3519.99 MHz)	60 MHz	π/2 BPSK / QPSK / 16QAM / 64QAM / 256QAM	Full RB
		632334(3485.01 MHz) 633334(3500.01 MHz) 634332(3514.98 MHz)	70 MHz	π/2 BPSK / QPSK / 16QAM / 64QAM / 256QAM	Full RB
		632668(3490.02 MHz) 633334(3500.01 MHz) 634000(3510.00 MHz)	80 MHz	π/2 BPSK / QPSK / 16QAM / 64QAM / 256QAM	Full RB
		630000(3495.00 MHz) 633334(3500.01 MHz) 633666(3504.99 MHz)	90 MHz	π/2 BPSK / QPSK / 16QAM / 64QAM / 256QAM	Full RB
		633334(3500.01 MHz)	100 MHz	π/2 BPSK / QPSK / 16QAM / 64QAM / 256QAM	Full RB
Conducted Spurious Emissions	2TX	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

Test Item	EUT Configure Mode	Tested Channel	Channel Bandwidth	Modulation	Mode
Conducted Spurious Emissions	2TX	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
		630000(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	2TX	636332(3544.98 MHz)	10 MHz	QPSK	1 RB
Radiated Spurious Emissions above 1GHz	2TX	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 (3450MHz to 3550MHz)	2TX	630334(3455.01 MHz) 636332(3544.98 MHz)	10 MHz	QPSK	Full RB
		630500(3457.50 MHz) 636166(3542.49 MHz)	15 MHz	QPSK	Full RB
		630668(3460.02 MHz) 636000(3540.00 MHz)	20 MHz	QPSK	Full RB
		630834(3462.51 MHz) 635832(3537.48 MHz)	25 MHz	QPSK	Full RB
		631000(3465.00 MHz) 635666(3534.99 MHz)	30 MHz	QPSK	Full RB
		631334(3470.01 MHz) 635332(3529.98 MHz)	40 MHz	QPSK	Full RB
		631668(3475.02 MHz) 635000(3525.00 MHz)	50 MHz	QPSK	Full RB

Test Item	EUT Configure Mode	Tested Channel	Channel Bandwidth	Modulation	Mode
Frequency Stability (3450MHz to 3550MHz)	2TX	632000(3480.00 MHz) 634666(3519.99 MHz)	60 MHz	QPSK	Full RB
		632334(3485.01 MHz) 634332(3514.98 MHz)	70 MHz	QPSK	Full RB
		632668(3490.02 MHz) 634000(3510.00 MHz)	80 MHz	QPSK	Full RB
		630000(3495.00 MHz) 633666(3504.99 MHz)	90 MHz	QPSK	Full RB
		633334(3500.01 MHz)	100 MHz	QPSK	Full RB

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

Test Item	EUT Configure Mode	Tested Channel	Channel Bandwidth	Modulation	Mode
Effective Radiated Power	1TX, 2TX	647000(3705.00 MHz) 656000(3840.00 MHz) 665000(3975.00 MHz)	10 MHz	π/2 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	π/2 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	π/2 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	π/2 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	π/2 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	π/2 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	π/2 BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB

Test Item	EUT Configure Mode	Tested Channel	Channel Bandwidth	Modulation	Mode
Effective Radiated Power	1TX, 2TX	648668(3730.02 MHz) 656000(3840.00 MHz) 663332(3949.98 MHz)	60 MHz	π/2 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	π/2 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	π/2 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	π/2 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	π/2 BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
Modulation Characteristics	2TX	656000(3840.00 MHz)	100 MHz	π/2 BPSK / QPSK / 16QAM / 64QAM / 256QAM	Full RB
Peak to Average Ratio	2TX	647000(3705.00 MHz) 656000(3840.00 MHz) 665000(3975.00 MHz)	10 MHz	π/2 BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB
		647168(3707.52 MHz) 656000(3840.00 MHz) 664832(3972.48 MHz)	15 MHz	π/2 BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB
		647334(3710.01 MHz) 656000(3840.00 MHz) 664666(3969.99 MHz)	20 MHz	π/2 BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB
		647500(3712.50 MHz) 656000(3840.00 MHz) 664500(3967.50 MHz)	25 MHz	π/2 BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB

Test Item	EUT Configure Mode	Tested Channel	Channel Bandwidth	Modulation	Mode
Peak to Average Ratio	2TX	647668(3715.02 MHz) 656000(3840.00 MHz) 664332(3964.98 MHz)	30 MHz	π/2 BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB
		648000(3720.00 MHz) 656000(3840.00 MHz) 664000(3960.00 MHz)	40 MHz	π/2 BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB
		648334(3725.01 MHz) 656000(3840.00 MHz) 663666(3954.99 MHz)	50 MHz	π/2 BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB
		648668(3730.02 MHz) 656000(3840.00 MHz) 663332(3949.98 MHz)	60 MHz	π/2 BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB
		649000(3735.00 MHz) 656000(3840.00 MHz) 663000(3945.00 MHz)	70 MHz	π/2 BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB
		649334(3740.01 MHz) 656000(3840.00 MHz) 662666(3939.99 MHz)	80 MHz	π/2 BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB
		649668(3745.02 MHz) 656000(3840.00 MHz) 662332(3934.98 MHz)	90 MHz	π/2 BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB
		650000(3750.00 MHz) 656000(3840.00 MHz) 662000(3930.00 MHz)	100 MHz	π/2 BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB
Bandwidth	2TX	647000(3705.00 MHz) 656000(3840.00 MHz) 665000(3975.00 MHz)	10 MHz	π/2 BPSK / QPSK / 16QAM / 64QAM / 256QAM	Full RB
		647168(3707.52 MHz) 656000(3840.00 MHz) 664832(3972.48 MHz)	15 MHz	π/2 BPSK / QPSK / 16QAM / 64QAM / 256QAM	Full RB

Test Item	EUT Configure Mode	Tested Channel	Channel Bandwidth	Modulation	Mode
Bandwidth	2TX	647334(3710.01 MHz) 656000(3840.00 MHz) 664666(3969.99 MHz)	20 MHz	π/2 BPSK / QPSK / 16QAM / 64QAM / 256QAM	Full RB
		647500(3712.50 MHz) 656000(3840.00 MHz) 664500(3967.50 MHz)	25 MHz	π/2 BPSK / QPSK / 16QAM / 64QAM / 256QAM	Full RB
		647668(3715.02 MHz) 656000(3840.00 MHz) 664332(3964.98 MHz)	30 MHz	π/2 BPSK / QPSK / 16QAM / 64QAM / 256QAM	Full RB
		648000(3720.00 MHz) 656000(3840.00 MHz) 664000(3960.00 MHz)	40 MHz	π/2 BPSK / QPSK / 16QAM / 64QAM / 256QAM	Full RB
		648334(3725.01 MHz) 656000(3840.00 MHz) 663666(3954.99 MHz)	50 MHz	π/2 BPSK / QPSK / 16QAM / 64QAM / 256QAM	Full RB
		648668(3730.02 MHz) 656000(3840.00 MHz) 663332(3949.98 MHz)	60 MHz	π/2 BPSK / QPSK / 16QAM / 64QAM / 256QAM	Full RB
		649000(3735.00 MHz) 656000(3840.00 MHz) 663000(3945.00 MHz)	70 MHz	π/2 BPSK / QPSK / 16QAM / 64QAM / 256QAM	Full RB
		649334(3740.01 MHz) 656000(3840.00 MHz) 662666(3939.99 MHz)	80 MHz	π/2 BPSK / QPSK / 16QAM / 64QAM / 256QAM	Full RB
		649668(3745.02 MHz) 656000(3840.00 MHz) 662332(3934.98 MHz)	90 MHz	π/2 BPSK / QPSK / 16QAM / 64QAM / 256QAM	Full RB
		650000(3750.00 MHz) 656000(3840.00 MHz) 662000(3930.00 MHz)	100 MHz	π/2 BPSK / QPSK / 16QAM / 64QAM / 256QAM	Full RB

Test Item	EUT Configure Mode	Tested Channel	Channel Bandwidth	Modulation	Mode
Conducted Spurious Emissions	2TX	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
Radiated Spurious Emissions below 1GHz	2TX	663666(3954.99 MHz)	50 MHz	QPSK	1 RB
Radiated Spurious Emissions above 1GHz	2TX	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

Test Item	EUT Configure Mode	Tested Channel	Channel Bandwidth	Modulation	Mode
Frequency Stability (3700MHz to 3980MHz)	2TX	647000(3705.00 MHz) 665000(3975.00 MHz)	10 MHz	QPSK	Full RB
		647168(3707.52 MHz) 664832(3972.48 MHz)	15 MHz	QPSK	Full RB
		647334(3710.01 MHz) 664666(3969.99 MHz)	20 MHz	QPSK	Full RB
		647500(3712.50 MHz) 664500(3967.50 MHz)	25 MHz	QPSK	Full RB
		647668(3715.02 MHz) 664332(3964.98 MHz)	30 MHz	QPSK	Full RB
		648000(3720.00 MHz) 664000(3960.00 MHz)	40 MHz	QPSK	Full RB
		648334(3725.01 MHz) 663666(3954.99 MHz)	50 MHz	QPSK	Full RB
		648668(3730.02 MHz) 663332(3949.98 MHz)	60 MHz	QPSK	Full RB
		649000(3735.00 MHz) 663000(3945.00 MHz)	70 MHz	QPSK	Full RB
		649334(3740.01 MHz) 662666(3939.99 MHz)	80 MHz	QPSK	Full RB
		649668(3745.02 MHz) 662332(3934.98 MHz)	90 MHz	QPSK	Full RB
		650000(3750.00 MHz) 662000(3930.00 MHz)	100 MHz	QPSK	Full RB

3.3.11 NR n78 SCS 30 kHz (3.45 GHz ~ 3.55 GHz)

Test Item	EUT Configure Mode	Tested Channel	Channel Bandwidth	Modulation	Mode
Equivalent Isotropically Radiated Power	1TX, 2TX	630334(3455.01 MHz) 633334(3500.01 MHz) 636332(3544.98 MHz)	10 MHz	π/2 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	π/2 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	π/2 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	π/2 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	π/2 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	π/2 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	π/2 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	π/2 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	π/2 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	π/2 BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB

Test Item	EUT Configure Mode	Tested Channel	Channel Bandwidth	Modulation	Mode
Equivalent Isotropically Radiated Power	1TX, 2TX	630000(3495.00 MHz) 633334(3500.01 MHz) 633666(3504.99 MHz)	90 MHz	π/2 BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
		633334(3500.01 MHz)	100 MHz	π/2 BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
Modulation Characteristics	2TX	633334(3500.01 MHz)	100 MHz	π/2 BPSK / QPSK / 16QAM / 64QAM / 256QAM	Full RB
Peak to Average Ratio	2TX	630334(3455.01 MHz) 633334(3500.01 MHz) 636332(3544.98 MHz)	10 MHz	π/2 BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB
		630500(3457.50 MHz) 633334(3500.01 MHz) 636166(3542.49 MHz)	15 MHz	π/2 BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB
		630668(3460.02 MHz) 633334(3500.01 MHz) 636000(3540.00 MHz)	20 MHz	π/2 BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB
		630834(3462.51 MHz) 633334(3500.01 MHz) 635832(3537.48 MHz)	25 MHz	π/2 BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB
		631000(3465.00 MHz) 633334(3500.01 MHz) 635666(3534.99 MHz)	30 MHz	π/2 BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB
		631334(3470.01 MHz) 633334(3500.01 MHz) 635332(3529.98 MHz)	40 MHz	π/2 BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB
		631668(3475.02 MHz) 633334(3500.01 MHz) 635000(3525.00 MHz)	50 MHz	π/2 BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB

Test Item	EUT Configure Mode	Tested Channel	Channel Bandwidth	Modulation	Mode
Peak to Average Ratio	2TX	632000(3480.00 MHz) 633334(3500.01 MHz) 634666(3519.99 MHz)	60 MHz	π/2 BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB
		632334(3485.01 MHz) 633334(3500.01 MHz) 634332(3514.98 MHz)	70 MHz	π/2 BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB
		632668(3490.02 MHz) 633334(3500.01 MHz) 634000(3510.00 MHz)	80 MHz	π/2 BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB
		630000(3495.00 MHz) 633334(3500.01 MHz) 633666(3504.99 MHz)	90 MHz	π/2 BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB
		633334(3500.01 MHz)	100 MHz	π/2 BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB
Bandwidth	2TX	630334(3455.01 MHz) 633334(3500.01 MHz) 636332(3544.98 MHz)	10 MHz	π/2 BPSK / QPSK / 16QAM / 64QAM / 256QAM	Full RB
		630500(3457.50 MHz) 633334(3500.01 MHz) 636166(3542.49 MHz)	15 MHz	π/2 BPSK / QPSK / 16QAM / 64QAM / 256QAM	Full RB
		630668(3460.02 MHz) 633334(3500.01 MHz) 636000(3540.00 MHz)	20 MHz	π/2 BPSK / QPSK / 16QAM / 64QAM / 256QAM	Full RB
		630834(3462.51 MHz) 633334(3500.01 MHz) 635832(3537.48 MHz)	25 MHz	π/2 BPSK / QPSK / 16QAM / 64QAM / 256QAM	Full RB
		631000(3465.00 MHz) 633334(3500.01 MHz) 635666(3534.99 MHz)	30 MHz	π/2 BPSK / QPSK / 16QAM / 64QAM / 256QAM	Full RB

Test Item	EUT Configure Mode	Tested Channel	Channel Bandwidth	Modulation	Mode
Bandwidth	2TX	631334(3470.01 MHz) 633334(3500.01 MHz) 635332(3529.98 MHz)	40 MHz	π/2 BPSK / QPSK / 16QAM / 64QAM / 256QAM	Full RB
		631668(3475.02 MHz) 633334(3500.01 MHz) 635000(3525.00 MHz)	50 MHz	π/2 BPSK / QPSK / 16QAM / 64QAM / 256QAM	Full RB
		632000(3480.00 MHz) 633334(3500.01 MHz) 634666(3519.99 MHz)	60 MHz	π/2 BPSK / QPSK / 16QAM / 64QAM / 256QAM	Full RB
		632334(3485.01 MHz) 633334(3500.01 MHz) 634332(3514.98 MHz)	70 MHz	π/2 BPSK / QPSK / 16QAM / 64QAM / 256QAM	Full RB
		632668(3490.02 MHz) 633334(3500.01 MHz) 634000(3510.00 MHz)	80 MHz	π/2 BPSK / QPSK / 16QAM / 64QAM / 256QAM	Full RB
		630000(3495.00 MHz) 633334(3500.01 MHz) 633666(3504.99 MHz)	90 MHz	π/2 BPSK / QPSK / 16QAM / 64QAM / 256QAM	Full RB
		633334(3500.01 MHz)	100 MHz	π/2 BPSK / QPSK / 16QAM / 64QAM / 256QAM	Full RB
Conducted Spurious Emissions	2TX	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

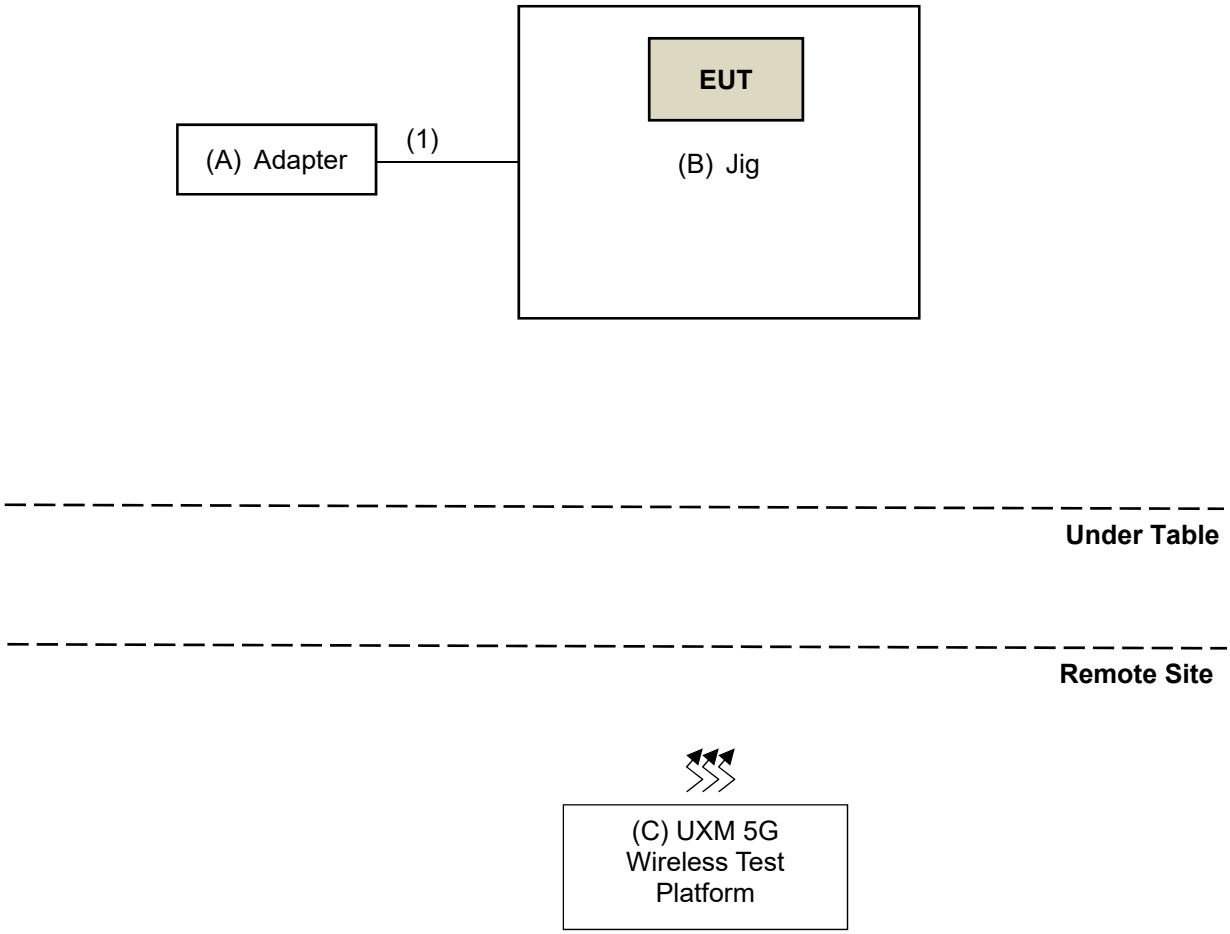
Test Item	EUT Configure Mode	Tested Channel	Channel Bandwidth	Modulation	Mode
Conducted Spurious Emissions	2TX	631000(3465.00 MHz) 633334(3500.01 MHz) 635666(3534.99 MHz)	30 MHz	QPSK	1 RB Full RB
		631334(3470.01 MHz) 633334(3500.01 MHz) 635332(3529.98 MHz)	40 MHz	QPSK	1 RB Full RB
		631668(3475.02 MHz) 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
		630000(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	2TX	633334(3500.01 MHz)	10 MHz	QPSK	1 RB
Radiated Spurious Emissions above 1GHz	2TX	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 (3450MHz to 3550MHz)	2TX	630334(3455.01 MHz) 636332(3544.98 MHz)	10 MHz	QPSK	Full RB
		630500(3457.50 MHz) 636166(3542.49 MHz)	15 MHz	QPSK	Full RB
		630668(3460.02 MHz) 636000(3540.00 MHz)	20 MHz	QPSK	Full RB
		630834(3462.51 MHz) 635832(3537.48 MHz)	25 MHz	QPSK	Full RB
		631000(3465.00 MHz) 635666(3534.99 MHz)	30 MHz	QPSK	Full RB

Test Item	EUT Configure Mode	Tested Channel	Channel Bandwidth	Modulation	Mode
Frequency Stability (3450MHz to 3550MHz)	2TX	631334(3470.01 MHz) 635332(3529.98 MHz)	40 MHz	QPSK	Full RB
		631668(3475.02 MHz) 635000(3525.00 MHz)	50 MHz	QPSK	Full RB
		632000(3480.00 MHz) 634666(3519.99 MHz)	60 MHz	QPSK	Full RB
		632334(3485.01 MHz) 634332(3514.98 MHz)	70 MHz	QPSK	Full RB
		632668(3490.02 MHz) 634000(3510.00 MHz)	80 MHz	QPSK	Full RB
		630000(3495.00 MHz) 633666(3504.99 MHz)	90 MHz	QPSK	Full RB
		633334(3500.01 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	Adapter	ChenzhouFrecom Electronics Co. Ltd	F24L5-120200SOPAU	NA	NA	Supplied by applicant
B	Jig	Compal	ZYN1	NA	NA	Supplied by applicant
C	UXM 5G Wireless Test Platform	Keysight	E7515B	MY60102115	NA	Provided by Lab

ID	Cable Descriptions	Qty.	Length (m)	Shielding (Yes/No)	Cores (Qty.)	Remarks
1	AC Cable	1	1	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

Description Manufacturer	Model No.	Serial No.	Calibrated Date	Calibrated Until
PXA Signal Analyzer Keysight	N9030B	MY57140938	2024/3/20	2025/3/19
Software BV	ADT_RF Test Software V7.6.5.4	N/A	N/A	N/A
UXM 5G Wireless Test Platform Keysight	E7515B	MY60102115	2024/5/26	2025/5/25

Notes:

1. The test was performed in Oven room.
2. Tested Date: 2024/8/12 ~ 2024/11/15

4.2 Modulation Characteristics

Refer to section 4.1 to get the tested date and information of the instruments.

4.3 Peak to Average Ratio

Refer to section 4.1 to get the tested date and information of the instruments.

4.4 Bandwidth

Refer to section 4.1 to get the tested date and information of the instruments.

4.5 Conducted Spurious Emissions

Refer to section 4.1 to get the tested date and information of the instruments.

4.6 Radiated Spurious Emissions below 1GHz

Description Manufacturer	Model No.	Serial No.	Calibrated Date	Calibrated Until
Antenna Tower Max-Full	MFT-151SS-0.5T	N/A	N/A	N/A
Bi_Log Antenna Schwarzbeck	VULB 9168	9168-1213	2023/10/13	2024/10/12
EMI Test Receiver R&S	ESR3	102782	2023/12/7	2024/12/6
Loop Antenna Electro-Metrics	EM-6879	269	2023/9/23	2024/9/22
MXA Signal Analyzer Keysight	N9020B	MY60110513	2023/12/22	2024/12/21
Preamplifier EMCI	EMC330N	980782	2024/1/15	2025/1/14
	EMC001340	980201	2023/9/27	2024/9/26
RF Coaxial Cable EMCI	EMCCFD400-NM-NM-500	201233	2024/1/15	2025/1/14
	EMCCFD400-NM-NM-3000	201235	2024/1/15	2025/1/14
	EMCCFD400-NM-NM-9000	201236(with PAD)	2024/1/15	2025/1/14
Software BV ADT	ADT_Radiated_ V7.6.15.9.5	N/A	N/A	N/A
Turn Table Max-Full	MF-7802BS	N/A	N/A	N/A
Turn Table Controller Max-Full	MF-7802BS	MF780208674	N/A	N/A

Notes:

1. The test was performed in WM - 966 chamber 8.
2. Tested Date: 2024/8/12

4.7 Radiated Spurious Emissions above 1GHz

Description Manufacturer	Model No.	Serial No.	Calibrated Date	Calibrated Until
Antenna Tower Max-Full	MFT-151SS-0.5T	N/A	N/A	N/A
EMI Test Receiver R&S	ESR3	102782	2023/12/7	2024/12/6
Horn Antenna RFSPIN	DRH18-E	210103A18E	2023/11/12	2024/11/11
Horn Antenna Schwarzbeck	BBHA 9170	9170-1049	2023/11/12	2024/11/11
MXA Signal Analyzer Keysight	N9020B	MY60110513	2023/12/22	2024/12/21
Preamplifier EMCI	EMC118A45SE	980808	2023/12/28	2024/12/27
	EMC184045SE	980788	2024/1/15	2025/1/14
RF Coaxial Cable EMCI	EMC101G-KM-KM-2000	201254	2024/1/15	2025/1/14
	EMC101G-KM-KM-3000	201258	2024/1/15	2025/1/14
	EMC101G-KM-KM-5000	201261	2024/1/15	2025/1/14
	EMC104-SM-SM-1000	210102	2024/1/15	2025/1/14
	EMC104-SM-SM-3000	201231	2024/1/15	2025/1/14
	EMC104-SM-SM-9000	201243	2024/1/15	2025/1/14
Software BV ADT	ADT_Radiated_ V7.6.15.9.5	N/A	N/A	N/A
Turn Table Max-Full	MF-7802BS	N/A	N/A	N/A
Turn Table Controller Max-Full	MF-7802BS	MF780208674	N/A	N/A

Notes:

1. The test was performed in WM - 966 chamber 8.
2. Tested Date: 2024/8/14 ~ 2024/10/29

4.8 Frequency Stability

Description Manufacturer	Model No.	Serial No.	Calibrated Date	Calibrated Until
3-channel DC power supply JIN YIH Technology	ODP3033	ODP30332128138	N/A	N/A
Digital Multimeter Fluke	8050A	4660081	2024/6/14	2025/6/13
PXA Signal Analyzer Keysight	N9030B	MY57140938	2024/3/20	2025/3/19
Software BV	ADT_RF Test Software V7.6.5.4	N/A	N/A	N/A
Temperature & Humidity Chamber Terchy	HRM-120RF	931022	2023/12/19	2024/12/18
UXM 5G Wireless Test Platform Keysight	E7515B	MY60102115	2024/5/26	2025/5/25

Notes:

1. The test was performed in Oven room.
2. Tested Date: 2024/10/8

5 Limits of Test Items

5.1 Effective Radiated Power and Equivalent Isotropically Radiated Power

For NR n5 SCS 15 kHz:

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

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

Mobile and portable stations are limited to 2 watts EIRP.

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

Control and mobile stations in the 698-746 MHz band are limited to 30 watts ERP.

For NR n66 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 n30 SCS 15 kHz:

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

Mobile and portable stations 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.

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, NR n5 SCS 15 kHz, NR n25 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 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. Compliance with this provision is based on the use of measurement instrumentation employing a resolution bandwidth of 100 kilohertz or greater. However, in the 100 kilohertz bands immediately outside and adjacent to a licensee's frequency block, a resolution bandwidth of at least 30 kHz may be employed.

For NR n66 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, 1915-1920 MHz, 1995-2000 MHz, 2000-2020 MHz, 2110-2155 MHz, 2155-2180 MHz, and 2180-2200 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. 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.

For NR n30 SCS 15 kHz:

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 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 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.

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.

5.6 Radiated Spurious Emissions below 1GHz

For NR n2 SCS 15 kHz, NR n5 SCS 15 kHz, NR n25 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 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 n66 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 n30 SCS 15 kHz:

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 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 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.

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.

5.7 Radiated Spurious Emissions above 1GHz

For NR n2 SCS 15 kHz, NR n5 SCS 15 kHz, NR n25 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 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 n66 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 n30 SCS 15 kHz:

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 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 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.

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.

5.8 Frequency Stability

For NR n5 SCS 15 kHz:

1.5 ppm is for base and fixed station. 2.5 ppm is for mobile station.

For NR n2 SCS 15 kHz, NR n12 SCS 15 kHz, NR n25 SCS 15 kHz, NR n30 SCS 15 kHz, NR n41 SCS 30 kHz, NR n66 SCS 15 kHz, NR n71 SCS 15 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):

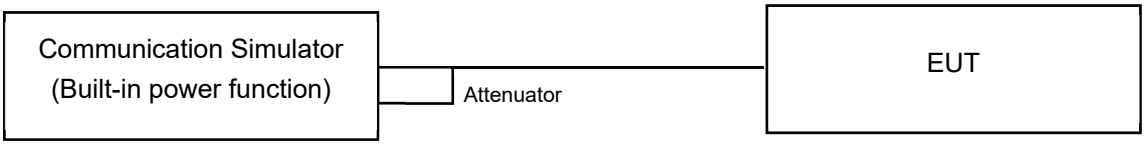
The frequency stability shall be sufficient to ensure that the fundamental emissions stay within the authorized bands of operation (authorized frequency block).

6 Test Arrangements

6.1 Effective Radiated Power and Equivalent Isotropically Radiated Power

6.1.1 Test Setup

Conducted Power Measurement:



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.
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).

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. Compute power by integrating the spectrum across the OBW of the signal using the instrument’s band or channel power measurement function with band/channel limits set equal to the OBW band edges.
j. If Duty cycle < 98%, Add 10 log (1/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

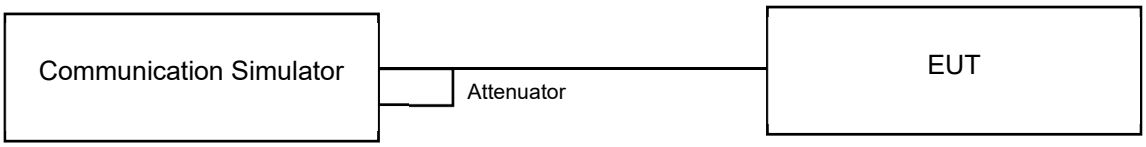
ERP or EIRP effective radiated power or equivalent isotropically radiated power, respectively (expressed in the same units as P_{Meas}, e.g., dBm or dBW)

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)

6.2 Modulation Characteristics

6.2.1 Test Setup

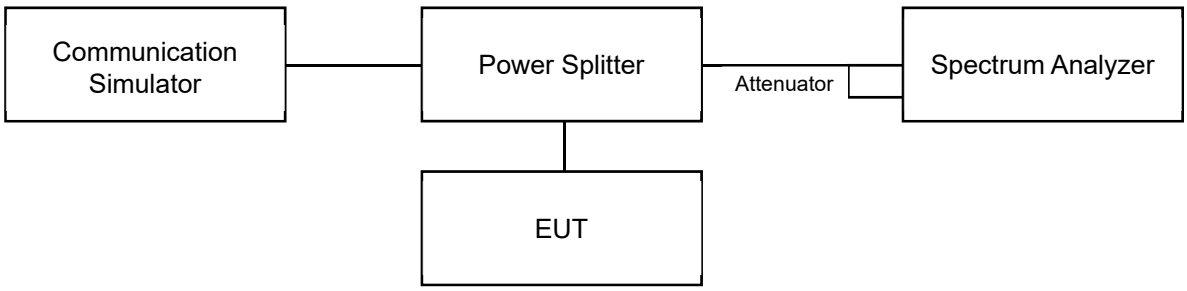


6.2.2 Test Procedure

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

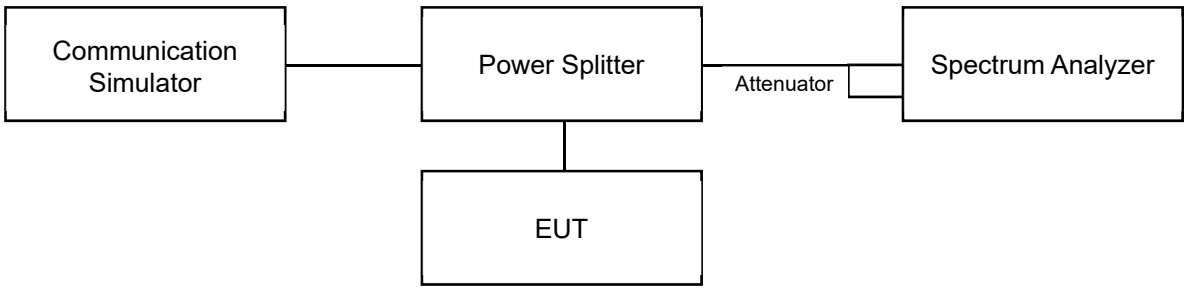


6.3.2 Test Procedure

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



6.4.2 Test Procedure

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

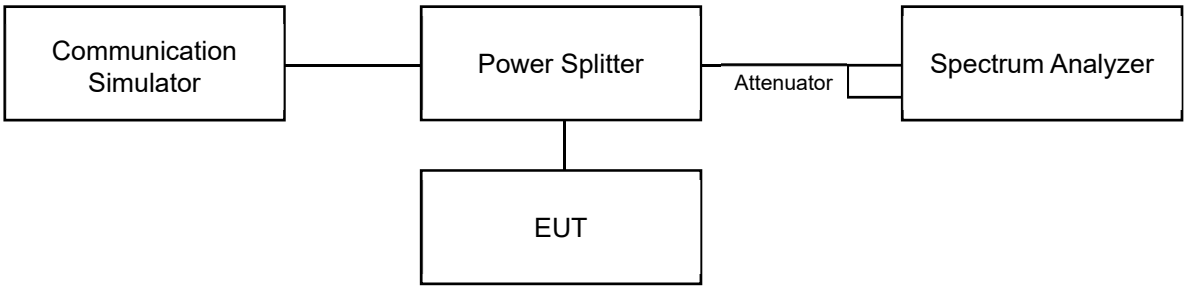
a. The spectrum analyzer center frequency is set to the nominal EUT channel center frequency. The span range for the spectrum analyzer shall be wide enough to see sufficient roll off of the signal to make the measurement.
b. The nominal RBW shall be in the range of 1% to 5% of the anticipated OBW, and 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. 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 reference value by either of the following:
g. 1) 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).
h. 2) Set the EUT to transmit an unmodulated carrier. Set the spectrum analyzer marker to the level of the carrier.
i. 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.
j. If the reference value was determined using an unmodulated carrier, turn the EUT modulation on, then either clear the existing trace or start a new trace on the spectrum analyzer and allow the new trace to stabilize. Otherwise the trace from step f) shall be used for step i).
k. 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. The spectral envelope can cross the "−X dB amplitude" at multiple points. The lowest or highest frequency shall be selected as the frequencies that are the farthest away from the center frequency at which the spectral envelope crosses the "−X dB amplitude."
l. 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).

6.5 Conducted Spurious Emissions

6.5.1 Test Setup



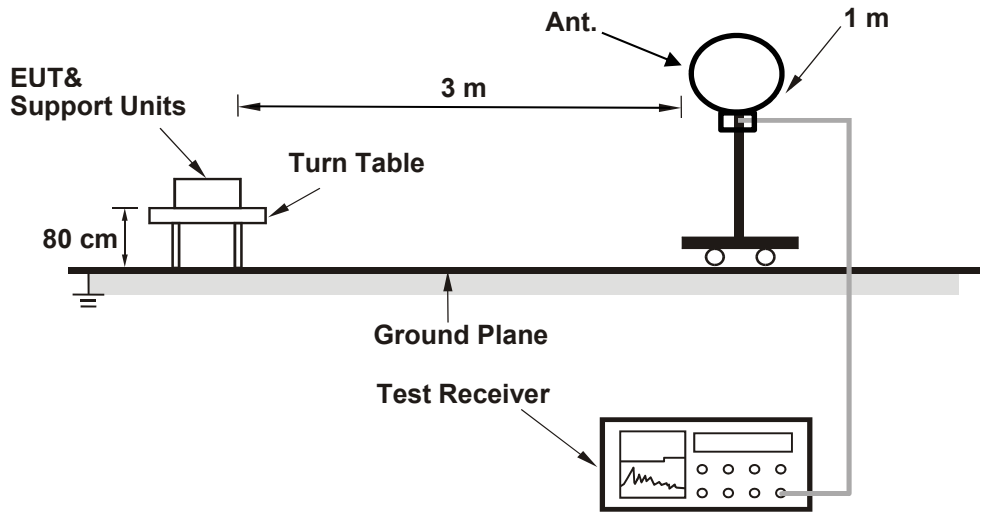
6.5.2 Test Procedure

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. 20 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. The device has MIMO function, so the limit of conducted spurious emissions need to be measurement add 10log($Numbers_{ANT}$) according to FCC KDB 662911 D01 guidance. Therefore, the 10log($Numbers_{ANT}$) value is added to the spectrum Ref. level offset during testing.
b. Record the maximum power value test plot.

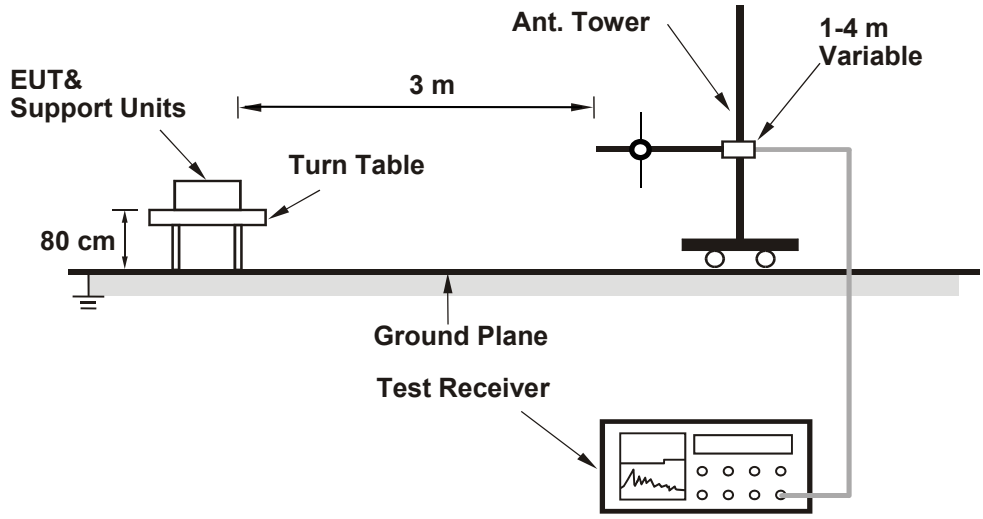
6.6 Radiated Spurious Emissions below 1GHz

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.

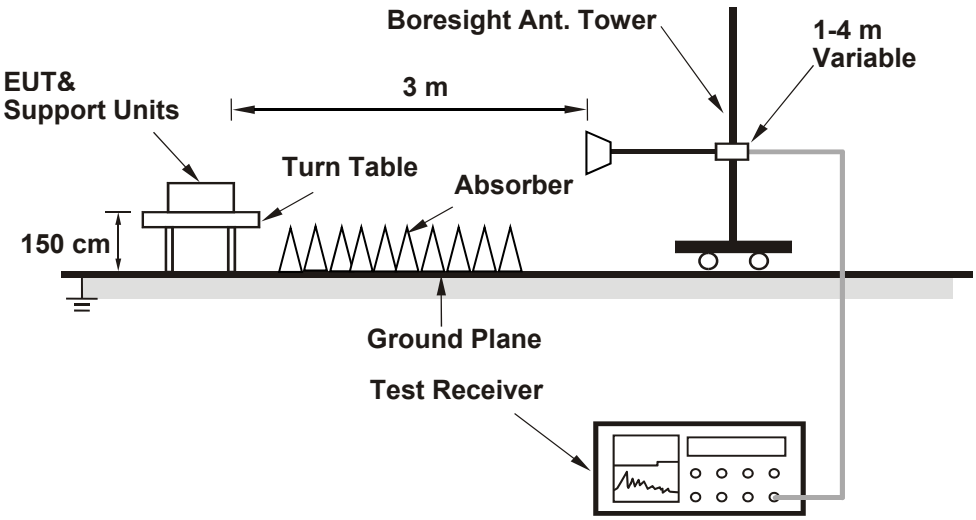
Note:

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

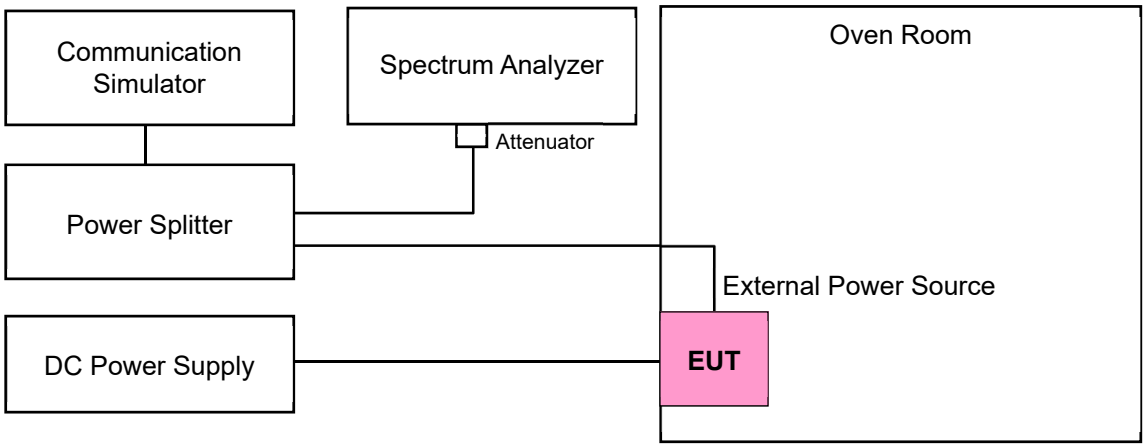
The EUT is configured to set data modulation and maximum power using WWAN technology.

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:	3.8 Vdc	Environmental Conditions:	23°C, 71% RH	Tested By:	James Yang

7.1.1 NR n2 SCS 15 kHz

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
DFT-S BPSK	1	1	23.36	23.44	23.38
DFT-S QPSK	1	1	23.37	23.35	23.33
	1	13	23.26	23.55	23.45
	1	23	23.33	23.29	23.23
	12	0	22.64	22.76	22.64
	12	7	23.37	23.50	23.36
	12	13	22.33	22.36	22.39
	25	0	22.48	22.54	22.48
DFT-S 16 QAM	1	1	22.51	22.54	22.56
DFT-S 64 QAM	1	1	21.21	21.44	21.19
CP 256 QAM	1	1	17.37	17.41	17.40
CP QPSK	1	1	21.76	22.02	21.78

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
DFT-S BPSK	23.36	23.44	26.56	26.64	33.01
DFT-S QPSK	22.33	23.55	25.53	26.75	33.01
DFT-S 16QAM	22.51	22.56	25.71	25.76	33.01
DFT-S 64QAM	21.19	21.44	24.39	24.64	33.01
CP 256QAM	17.37	17.41	20.57	20.61	33.01
CP QPSK	21.76	22.02	24.96	25.22	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
DFT-S BPSK	1	1	23.35	23.48	23.45
DFT-S QPSK	1	1	23.25	23.41	23.31
	1	26	23.33	23.43	23.33
	1	50	23.17	23.38	23.24
	25	0	22.60	22.76	22.63
	25	14	23.33	23.48	23.42
	25	27	22.33	22.37	22.28
	50	0	22.43	22.58	22.47
DFT-S 16 QAM	1	1	22.44	22.52	22.40
DFT-S 64 QAM	1	1	21.25	21.42	21.40
CP 256 QAM	1	1	17.34	17.49	17.35
CP QPSK	1	1	21.93	21.96	21.84

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
DFT-S BPSK	23.35	23.48	26.55	26.68	33.01
DFT-S QPSK	22.28	23.48	25.48	26.68	33.01
DFT-S 16QAM	22.40	22.52	25.60	25.72	33.01
DFT-S 64QAM	21.25	21.42	24.45	24.62	33.01
CP 256QAM	17.34	17.49	20.54	20.69	33.01
CP QPSK	21.84	21.96	25.04	25.16	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
DFT-S BPSK	1	1	23.33	23.47	23.44
DFT-S QPSK	1	1	23.30	23.49	23.24
	1	40	23.32	23.40	23.30
	1	77	23.29	23.41	23.19
	36	0	22.53	22.67	22.70
	36	22	23.38	23.48	23.33
	36	43	22.29	22.47	22.23
	75	0	22.43	22.61	22.47
DFT-S 16 QAM	1	1	22.51	22.54	22.44
DFT-S 64QAM	1	1	21.29	21.43	21.20
CP 256 QAM	1	1	17.40	17.43	17.38
CP QPSK	1	1	21.92	21.95	21.79

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
DFT-S BPSK	23.33	23.47	26.53	26.67	33.01
DFT-S QPSK	22.23	23.49	25.43	26.69	33.01
DFT-S 16QAM	22.44	22.54	25.64	25.74	33.01
DFT-S 64QAM	21.20	21.43	24.40	24.63	33.01
CP 256QAM	17.38	17.43	20.58	20.63	33.01
CP QPSK	21.79	21.95	24.99	25.15	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
DFT-S BPSK	1	1	23.37	23.54	23.39
DFT-S QPSK	1	1	23.42	23.37	23.35
	1	53	23.38	23.53	23.31
	1	104	23.33	23.42	23.17
	50	0	22.64	22.76	22.59
	50	28	23.30	23.49	23.42
	50	56	22.32	22.34	22.27
	100	0	22.40	22.63	22.46
DFT-S 16QAM	1	1	22.56	22.61	22.37
DFT-S 64QAM	1	1	21.35	21.46	21.30
CP 256 QAM	1	1	17.41	17.40	17.24
CP QPSK	1	1	21.83	21.96	21.95

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
DFT-S BPSK	23.37	23.54	26.57	26.74	33.01
DFT-S QPSK	22.27	23.53	25.47	26.73	33.01
DFT-S 16QAM	22.37	22.61	25.57	25.81	33.01
DFT-S 64QAM	21.30	21.46	24.50	24.66	33.01
CP 256QAM	17.24	17.41	20.44	20.61	33.01
CP QPSK	21.83	21.96	25.03	25.16	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
DFT-S BPSK	1	1	23.40	23.44	23.43
DFT-S QPSK	1	1	23.28	23.35	23.21
	1	67	23.44	23.50	23.36
	1	131	23.26	23.39	23.30
	64	0	22.66	22.69	22.60
	64	35	23.42	23.37	23.30
	64	69	22.30	22.47	22.28
	133	0	22.49	22.65	22.51
DFT-S 16QAM	1	1	22.45	22.50	22.57
DFT-S 64QAM	1	1	21.36	21.37	21.26
CP 256 QAM	1	1	17.45	17.51	17.31
CP QPSK	1	1	21.81	21.90	21.85

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
DFT-S BPSK	23.40	23.44	26.60	26.64	33.01
DFT-S QPSK	22.28	23.50	25.48	26.70	33.01
DFT-S 16QAM	22.45	22.57	25.65	25.77	33.01
DFT-S 64QAM	21.26	21.37	24.46	24.57	33.01
CP 256QAM	17.31	17.51	20.51	20.71	33.01
CP QPSK	21.81	21.90	25.01	25.10	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
DFT-S BPSK	1	1	23.35	23.42	23.37
DFT-S QPSK	1	1	23.29	23.45	23.34
	1	81	23.37	23.40	23.32
	1	160	23.23	23.33	23.29
	81	0	22.58	22.71	22.60
	81	41	23.28	23.43	23.28
	81	81	22.30	22.42	22.36
	162	0	22.51	22.52	22.48
DFT-S 16QAM	1	1	22.50	22.50	22.50
DFT-S 64QAM	1	1	21.32	21.37	21.31
CP 256 QAM	1	1	17.32	17.53	17.38
CP QPSK	1	1	21.85	22.00	21.77

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
DFT-S BPSK	23.35	23.42	26.55	26.62	33.01
DFT-S QPSK	22.30	23.45	25.50	26.65	33.01
DFT-S 16QAM	22.50	22.50	25.70	25.70	33.01
DFT-S 64QAM	21.31	21.37	24.51	24.57	33.01
CP 256QAM	17.32	17.53	20.52	20.73	33.01
CP QPSK	21.77	22.00	24.97	25.20	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
DFT-S BPSK	1	1	23.49	23.42	23.53
DFT-S QPSK	1	1	23.41	23.54	23.45
	1	109	23.54	23.60	23.45
	1	215	23.40	23.47	23.32
	108	0	22.71	22.85	22.74
	108	55	23.43	23.56	23.47
	108	109	22.44	22.54	22.40
	216	0	22.64	22.71	22.56
DFT-S 16QAM	1	1	22.59	22.69	22.57
DFT-S 64QAM	1	1	21.40	21.52	21.37
CP 256 QAM	1	1	17.51	17.58	17.50
CP QPSK	1	1	22.02	22.08	21.98

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
DFT-S BPSK	23.42	23.53	26.62	26.73	33.01
DFT-S QPSK	22.40	23.60	25.60	26.80	33.01
DFT-S 16QAM	22.57	22.69	25.77	25.89	33.01
DFT-S 64QAM	21.37	21.52	24.57	24.72	33.01
CP 256QAM	17.50	17.58	20.70	20.78	33.01
CP QPSK	21.98	22.08	25.18	25.28	33.01

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

7.1.2 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
DFT-S BPSK	1	1	23.61	23.64	23.54
DFT-S QPSK	1	1	23.54	23.65	23.43
	1	13	23.68	23.63	23.49
	1	23	23.47	23.57	23.55
	12	0	22.63	22.79	22.58
	12	7	23.43	23.66	23.47
	12	13	22.72	22.79	22.75
	25	0	22.73	22.78	22.52
DFT-S 16 QAM	1	1	22.64	22.71	22.71
DFT-S 64 QAM	1	1	21.46	21.62	21.45
CP 256 QAM	1	1	17.58	17.57	17.40
CP QPSK	1	1	22.21	22.36	22.18

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum ERP (dBm)	Maximum ERP (dBm)	ERP Limit (dBm)
DFT-S BPSK	23.54	23.64	22.64	22.74	38.45
DFT-S QPSK	22.52	23.68	21.62	22.78	38.45
DFT-S 16QAM	22.64	22.71	21.74	21.81	38.45
DFT-S 64QAM	21.45	21.62	20.55	20.72	38.45
CP 256QAM	17.40	17.58	16.50	16.68	38.45
CP QPSK	22.18	22.36	21.28	21.46	38.45

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)
ERP (dBm) = EIRP (dBm) - 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
DFT-S BPSK	1	1	23.58	23.67	23.62
DFT-S QPSK	1	1	23.50	23.57	23.64
	1	26	23.56	23.59	23.59
	1	50	23.50	23.61	23.55
	25	0	22.61	22.70	22.68
	25	14	23.48	23.52	23.39
	25	27	22.65	22.79	22.67
	50	0	22.59	22.67	22.71
DFT-S 16 QAM	1	1	22.52	22.74	22.63
DFT-S 64 QAM	1	1	21.40	21.58	21.53
CP 256 QAM	1	1	17.38	17.55	17.48
CP QPSK	1	1	22.25	22.38	22.26

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum ERP (dBm)	Maximum ERP (dBm)	ERP Limit (dBm)
DFT-S BPSK	23.58	23.67	22.68	22.77	38.45
DFT-S QPSK	22.59	23.64	21.69	22.74	38.45
DFT-S 16QAM	22.52	22.74	21.62	21.84	38.45
DFT-S 64QAM	21.40	21.58	20.50	20.68	38.45
CP 256QAM	17.38	17.55	16.48	16.65	38.45
CP QPSK	22.25	22.38	21.35	21.48	38.45

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)
ERP (dBm) = EIRP (dBm) - 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
DFT-S BPSK	1	1	23.57	23.63	23.51
DFT-S QPSK	1	1	23.56	23.65	23.51
	1	40	23.56	23.72	23.52
	1	77	23.45	23.68	23.47
	36	0	22.58	22.70	22.52
	36	22	23.44	23.53	23.46
	36	43	22.78	22.85	22.70
	75	0	22.73	22.75	22.57
DFT-S 16 QAM	1	1	22.64	22.75	22.58
DFT-S 64QAM	1	1	21.51	21.51	21.57
CP 256 QAM	1	1	17.42	17.59	17.56
CP QPSK	1	1	22.29	22.30	22.34

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum ERP (dBm)	Maximum ERP (dBm)	ERP Limit (dBm)
DFT-S BPSK	23.51	23.63	22.61	22.73	38.45
DFT-S QPSK	22.52	23.72	21.62	22.82	38.45
DFT-S 16QAM	22.58	22.75	21.68	21.85	38.45
DFT-S 64QAM	21.51	21.57	20.61	20.67	38.45
CP 256QAM	17.42	17.59	16.52	16.69	38.45
CP QPSK	22.29	22.34	21.39	21.44	38.45

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)
ERP (dBm) = EIRP (dBm) - 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
DFT-S BPSK	1	1	23.73	23.70	23.72
DFT-S QPSK	1	1	23.65	23.75	23.60
	1	53	23.70	23.79	23.69
	1	104	23.61	23.73	23.62
	50	0	22.79	22.84	22.76
	50	28	23.58	23.71	23.66
	50	56	22.82	22.95	22.83
	100	0	22.78	22.84	22.77
DFT-S 16QAM	1	1	22.71	22.82	22.75
DFT-S 64QAM	1	1	21.62	21.69	21.57
CP 256 QAM	1	1	17.64	17.70	17.60
CP QPSK	1	1	22.42	22.50	22.38

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum ERP (dBm)	Maximum ERP (dBm)	ERP Limit (dBm)
DFT-S BPSK	23.70	23.73	22.80	22.83	38.45
DFT-S QPSK	22.76	23.79	21.86	22.89	38.45
DFT-S 16QAM	22.71	22.82	21.81	21.92	38.45
DFT-S 64QAM	21.57	21.69	20.67	20.79	38.45
CP 256QAM	17.60	17.70	16.70	16.80	38.45
CP QPSK	22.38	22.50	21.48	21.60	38.45

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

7.1.3 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
DFT-S BPSK	1	1	23.46	23.55	23.47
DFT-S QPSK	1	1	23.44	23.44	23.42
	1	13	23.32	23.43	23.42
	1	23	23.30	23.47	23.40
	12	0	22.70	22.79	22.74
	12	7	23.30	23.39	23.40
	12	13	22.59	22.70	22.61
	25	0	22.75	22.90	22.86
DFT-S 16 QAM	1	1	22.44	22.64	22.38
DFT-S 64 QAM	1	1	21.33	21.45	21.28
CP 256 QAM	1	1	17.56	17.63	17.55
CP QPSK	1	1	22.06	22.19	22.16

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum ERP (dBm)	Maximum ERP (dBm)	ERP Limit (dBm)
DFT-S BPSK	23.46	23.55	22.09	22.18	34.77
DFT-S QPSK	22.61	23.47	21.24	22.1	34.77
DFT-S 16QAM	22.38	22.64	21.01	21.27	34.77
DFT-S 64QAM	21.28	21.45	19.91	20.08	34.77
CP 256QAM	17.55	17.63	16.18	16.26	34.77
CP QPSK	22.06	22.19	20.69	20.82	34.77

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

NR n12 SCS 15 kHz, Channel Bandwidth: 10 MHz

Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)		
			CH 140800	CH141500	CH 142200
			704 MHz	707.5 MHz	711 MHz
DFT-S BPSK	1	1	23.47	23.59	23.46
DFT-S QPSK	1	1	23.46	23.50	23.51
	1	26	23.35	23.52	23.34
	1	50	23.38	23.50	23.34
	25	0	22.60	22.81	22.61
	25	14	23.42	23.45	23.29
	25	27	22.65	22.70	22.61
	50	0	22.70	22.79	22.78
DFT-S 16 QAM	1	1	22.52	22.59	22.50
DFT-S 64 QAM	1	1	21.40	21.47	21.46
CP 256 QAM	1	1	17.64	17.70	17.59
CP QPSK	1	1	22.14	22.17	22.15

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum ERP (dBm)	Maximum ERP (dBm)	ERP Limit (dBm)
DFT-S BPSK	23.46	23.59	22.09	22.22	34.77
DFT-S QPSK	22.60	23.52	21.23	22.15	34.77
DFT-S 16QAM	22.50	22.59	21.13	21.22	34.77
DFT-S 64QAM	21.40	21.47	20.03	20.1	34.77
CP 256QAM	17.59	17.70	16.22	16.33	34.77
CP QPSK	22.14	22.17	20.77	20.8	34.77

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)
ERP (dBm) = EIRP (dBm) - 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
DFT-S BPSK	1	1	23.58	23.55	23.63
DFT-S QPSK	1	1	23.54	23.64	23.58
	1	40	23.52	23.61	23.56
	1	77	23.47	23.61	23.49
	36	0	22.74	22.88	22.76
	36	22	23.47	23.55	23.43
	36	43	22.77	22.82	22.67
	75	0	22.82	22.96	22.88
DFT-S 16 QAM	1	1	22.56	22.70	22.58
DFT-S 64QAM	1	1	21.46	21.58	21.43
CP 256 QAM	1	1	17.68	17.77	17.70
CP QPSK	1	1	22.29	22.34	22.27

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum ERP (dBm)	Maximum ERP (dBm)	ERP Limit (dBm)
DFT-S BPSK	23.55	23.63	22.18	22.26	34.77
DFT-S QPSK	22.67	23.64	21.3	22.27	34.77
DFT-S 16QAM	22.56	22.70	21.19	21.33	34.77
DFT-S 64QAM	21.43	21.58	20.06	20.21	34.77
CP 256QAM	17.68	17.77	16.31	16.4	34.77
CP QPSK	22.27	22.34	20.9	20.97	34.77

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

7.1.4 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
DFT-S BPSK	1	1	23.73	23.83	23.73
DFT-S QPSK	1	1	23.63	23.69	23.67
	1	13	23.54	23.71	23.57
	1	23	23.65	23.65	23.64
	12	0	22.69	22.81	22.67
	12	7	23.58	23.71	23.53
	12	13	22.62	22.77	22.66
	25	0	22.44	22.62	22.53
DFT-S 16 QAM	1	1	22.66	22.84	22.77
DFT-S 64 QAM	1	1	21.54	21.58	21.50
CP 256 QAM	1	1	17.70	17.71	17.65
CP QPSK	1	1	22.19	22.38	22.16

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
DFT-S BPSK	23.73	23.83	26.93	27.03	33.01
DFT-S QPSK	22.44	23.71	25.64	26.91	33.01
DFT-S 16QAM	22.66	22.84	25.86	26.04	33.01
DFT-S 64QAM	21.50	21.58	24.70	24.78	33.01
CP 256QAM	17.65	17.71	20.85	20.91	33.01
CP QPSK	22.16	22.38	25.36	25.58	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
DFT-S BPSK	1	1	23.74	23.76	23.72
DFT-S QPSK	1	1	23.60	23.75	23.70
	1	26	23.55	23.73	23.51
	1	50	23.65	23.79	23.65
	25	0	22.70	22.89	22.82
	25	14	23.62	23.58	23.57
	25	27	22.61	22.82	22.65
	50	0	22.59	22.64	22.54
DFT-S 16 QAM	1	1	22.79	22.87	22.76
DFT-S 64 QAM	1	1	21.60	21.69	21.52
CP 256 QAM	1	1	17.57	17.73	17.63
CP QPSK	1	1	22.24	22.38	22.23

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
DFT-S BPSK	23.72	23.76	26.92	26.96	33.01
DFT-S QPSK	22.54	23.79	25.74	26.99	33.01
DFT-S 16QAM	22.76	22.87	25.96	26.07	33.01
DFT-S 64QAM	21.52	21.69	24.72	24.89	33.01
CP 256QAM	17.57	17.73	20.77	20.93	33.01
CP QPSK	22.23	22.38	25.43	25.58	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
DFT-S BPSK	1	1	23.73	23.83	23.64
DFT-S QPSK	1	1	23.64	23.76	23.61
	1	40	23.61	23.73	23.53
	1	77	23.64	23.71	23.64
	36	0	22.75	22.82	22.74
	36	22	23.48	23.65	23.47
	36	43	22.72	22.75	22.69
	75	0	22.50	22.65	22.56
DFT-S 16 QAM	1	1	22.69	22.75	22.73
DFT-S 64QAM	1	1	21.57	21.61	21.47
CP 256 QAM	1	1	17.55	17.80	17.59
CP QPSK	1	1	22.28	22.25	22.12

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
DFT-S BPSK	23.64	23.83	26.84	27.03	33.01
DFT-S QPSK	22.50	23.76	25.70	26.96	33.01
DFT-S 16QAM	22.69	22.75	25.89	25.95	33.01
DFT-S 64QAM	21.47	21.61	24.67	24.81	33.01
CP 256QAM	17.55	17.80	20.75	21.00	33.01
CP QPSK	22.12	22.28	25.32	25.48	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
DFT-S BPSK	1	1	23.66	23.74	23.67
DFT-S QPSK	1	1	23.65	23.71	23.62
	1	53	23.59	23.71	23.53
	1	104	23.72	23.78	23.61
	50	0	22.77	22.80	22.73
	50	28	23.57	23.56	23.46
	50	56	22.72	22.72	22.66
	100	0	22.62	22.63	22.48
DFT-S 16QAM	1	1	22.69	22.77	22.74
DFT-S 64QAM	1	1	21.55	21.59	21.48
CP 256QAM	1	1	17.56	17.80	17.56
CP QPSK	1	1	22.24	22.32	22.14

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
DFT-S BPSK	23.66	23.74	26.86	26.94	33.01
DFT-S QPSK	22.48	23.78	25.68	26.98	33.01
DFT-S 16QAM	22.69	22.77	25.89	25.97	33.01
DFT-S 64QAM	21.48	21.59	24.68	24.79	33.01
CP 256QAM	17.56	17.80	20.76	21.00	33.01
CP QPSK	22.14	22.32	25.34	25.52	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
DFT-S BPSK	1	1	23.75	23.86	23.70
DFT-S QPSK	1	1	23.75	23.77	23.55
	1	67	23.53	23.67	23.69
	1	131	23.58	23.73	23.62
	64	0	22.73	22.90	22.71
	64	35	23.55	23.68	23.46
	64	69	22.57	22.73	22.64
	133	0	22.58	22.69	22.52
DFT-S 16QAM	1	1	22.70	22.81	22.80
DFT-S 64QAM	1	1	21.42	21.61	21.49
CP 256QAM	1	1	17.62	17.75	17.65
CP QPSK	1	1	22.24	22.32	22.22

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
DFT-S BPSK	23.70	23.86	26.90	27.06	33.01
DFT-S QPSK	22.52	23.77	25.72	26.97	33.01
DFT-S 16QAM	22.70	22.81	25.90	26.01	33.01
DFT-S 64QAM	21.42	21.61	24.62	24.81	33.01
CP 256QAM	17.62	17.75	20.82	20.95	33.01
CP QPSK	22.22	22.32	25.42	25.52	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
DFT-S BPSK	1	1	23.71	23.77	23.71
DFT-S QPSK	1	1	23.66	23.77	23.72
	1	81	23.69	23.61	23.54
	1	160	23.67	23.69	23.61
	81	0	22.75	22.88	22.75
	81	41	23.61	23.62	23.58
	81	81	22.65	22.75	22.66
	162	0	22.44	22.59	22.47
DFT-S 16QAM	1	1	22.70	22.90	22.75
DFT-S 64QAM	1	1	21.48	21.65	21.43
CP 256QAM	1	1	17.66	17.79	17.56
CP QPSK	1	1	22.23	22.31	22.28

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
DFT-S BPSK	23.71	23.77	26.91	26.97	33.01
DFT-S QPSK	22.44	23.77	25.64	26.97	33.01
DFT-S 16QAM	22.70	22.90	25.90	26.10	33.01
DFT-S 64QAM	21.43	21.65	24.63	24.85	33.01
CP 256QAM	17.56	17.79	20.76	20.99	33.01
CP QPSK	22.23	22.31	25.43	25.51	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
DFT-S BPSK	1	1	23.78	23.80	23.86
DFT-S QPSK	1	1	23.83	23.88	23.80
	1	109	23.65	23.80	23.74
	1	215	23.79	23.84	23.74
	108	0	22.90	22.96	22.82
	108	55	23.61	23.76	23.64
	108	109	22.75	22.87	22.72
	216	0	22.62	22.76	22.71
DFT-S 16QAM	1	1	22.87	22.95	22.81
DFT-S 64QAM	1	1	21.61	21.76	21.62
CP 256QAM	1	1	17.77	17.86	17.78
CP QPSK	1	1	22.29	22.44	22.39

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
DFT-S BPSK	23.78	23.86	26.98	27.06	33.01
DFT-S QPSK	22.62	23.88	25.82	27.08	33.01
DFT-S 16QAM	22.81	22.95	26.01	26.15	33.01
DFT-S 64QAM	21.61	21.76	24.81	24.96	33.01
CP 256QAM	17.77	17.86	20.97	21.06	33.01
CP QPSK	22.29	22.44	25.49	25.64	33.01

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

7.1.5 NR n30 SCS 15 kHz

NR n30 SCS 15 kHz - Ant 3, Channel Bandwidth: 5 MHz

Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)		
			CH 461500	CH 462000	CH 462500
			2307.5 MHz	2310 MHz	2312.5 MHz
DFT-S BPSK	1	1	23.51	23.43	23.37
DFT-S QPSK	1	1	23.39	23.42	23.15
	1	13	23.25	23.30	23.22
	1	23	23.24	23.43	23.37
	12	0	22.45	22.34	22.38
	12	7	23.37	23.51	23.34
	12	13	22.14	22.40	22.34
	25	0	22.31	22.42	22.28
DFT-S 16QAM	1	1	22.46	22.51	22.42
DFT-S 64QAM	1	1	20.93	21.14	20.94
CP 256QAM	1	1	17.42	17.58	17.54
CP QPSK	1	1	21.74	22.08	21.73

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
DFT-S BPSK	23.37	23.51	23.37	23.51	24
DFT-S QPSK	22.14	23.51	22.14	23.51	24
DFT-S 16QAM	22.42	22.51	22.42	22.51	24
DFT-S 64QAM	20.93	21.14	20.93	21.14	24
CP 256QAM	17.42	17.58	17.42	17.58	24
CP QPSK	21.73	22.08	21.73	22.08	24

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

NR n30 SCS 15 kHz - Ant 3, Channel Bandwidth: 10 MHz

Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)
			CH 462000
			2310 MHz
DFT-S BPSK	1	1	23.45
DFT-S QPSK	1	1	23.50
	1	26	23.52
	1	50	23.51
	25	0	22.55
	25	14	23.44
	25	27	22.38
	50	0	22.50
DFT-S 16QAM	1	1	22.58
DFT-S 64QAM	1	1	21.24
CP 256QAM	1	1	17.77
CP QPSK	1	1	22.09

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
DFT-S BPSK	23.45	23.45	23.45	23.45	24
DFT-S QPSK	22.38	23.52	22.38	23.52	24
DFT-S 16QAM	22.58	22.58	22.58	22.58	24
DFT-S 64QAM	21.24	21.24	21.24	21.24	24
CP 256QAM	17.77	17.77	17.77	17.77	24
CP QPSK	22.09	22.09	22.09	22.09	24

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

7.1.6 NR n41 SCS 30 kHz

NR n41 SCS 30 kHz - Ant 3, 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
DFT-S BPSK	1	1	26.41	26.42	26.37
DFT-S QPSK	1	1	26.35	26.50	26.33
	1	12	26.35	26.49	26.38
	1	23	26.27	26.35	26.35
	12	0	25.54	25.57	25.44
	12	6	26.28	26.38	26.27
	12	13	25.47	25.59	25.52
	24	0	25.22	25.35	25.22
DFT-S 16QAM	1	1	25.78	25.91	25.71
DFT-S 64QAM	1	1	24.02	24.00	23.93
CP 256QAM	1	1	20.15	20.15	20.09
CP QPSK	1	1	25.09	25.29	25.07

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
DFT-S BPSK	26.37	26.42	29.12	29.17	33.01
DFT-S QPSK	25.22	26.50	27.97	29.25	33.01
DFT-S 16QAM	25.71	25.91	28.46	28.66	33.01
DFT-S 64QAM	23.93	24.02	26.68	26.77	33.01
CP 256QAM	20.09	20.15	22.84	22.90	33.01
CP QPSK	25.07	25.29	27.82	28.04	33.01

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

NR n41 SCS 30 kHz - Ant 3, Channel Bandwidth: 15 MHz

Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)		
			CH 500700	CH 518598	CH 536496
			2503.50 MHz	2592.99 MHz	2682.48 MHz
DFT-S BPSK	1	1	26.37	26.42	26.37
DFT-S QPSK	1	1	26.40	26.52	26.28
	1	19	26.40	26.39	26.29
	1	37	26.34	26.45	26.33
	19	0	25.63	25.62	25.51
	19	9	26.32	26.41	26.39
	19	18	25.57	25.68	25.57
	38	0	25.20	25.37	25.26
DFT-S 16QAM	1	1	25.76	25.84	25.89
DFT-S 64QAM	1	1	24.01	23.97	23.91
CP 256QAM	1	1	20.13	20.26	20.11
CP QPSK	1	1	25.10	25.21	25.19

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
DFT-S BPSK	26.37	26.42	29.12	29.17	33.01
DFT-S QPSK	25.20	26.52	27.95	29.27	33.01
DFT-S 16QAM	25.76	25.89	28.51	28.64	33.01
DFT-S 64QAM	23.91	24.01	26.66	26.76	33.01
CP 256QAM	20.11	20.26	22.86	23.01	33.01
CP QPSK	25.10	25.21	27.85	27.96	33.01

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

NR n41 SCS 30 kHz - Ant 3, 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
DFT-S BPSK	1	1	26.44	26.53	26.36
DFT-S QPSK	1	1	26.34	26.38	26.31
	1	26	26.37	26.37	26.32
	1	49	26.21	26.42	26.30
	25	0	25.54	25.64	25.58
	25	13	26.34	26.33	26.29
	25	26	25.47	25.71	25.61
	50	0	25.28	25.39	25.23
DFT-S 16QAM	1	1	25.92	25.88	25.79
DFT-S 64QAM	1	1	23.91	24.06	23.99
CP 256QAM	1	1	20.07	20.19	20.02
CP QPSK	1	1	25.09	25.18	25.16

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
DFT-S BPSK	26.36	26.53	29.11	29.28	33.01
DFT-S QPSK	25.23	26.42	27.98	29.17	33.01
DFT-S 16QAM	25.79	25.92	28.54	28.67	33.01
DFT-S 64QAM	23.91	24.06	26.66	26.81	33.01
CP 256QAM	20.02	20.19	22.77	22.94	33.01
CP QPSK	25.09	25.18	27.84	27.93	33.01

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

NR n41 SCS 30 kHz - Ant 3, 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
DFT-S BPSK	1	1	26.48	26.34	26.36
DFT-S QPSK	1	1	26.49	26.37	26.31
	1	33	26.43	26.38	26.32
	1	63	26.42	26.39	26.30
	32	0	25.67	25.57	25.58
	32	17	26.47	26.19	26.29
	32	33	25.58	25.45	25.61
	64	0	25.33	25.24	25.23
DFT-S 16QAM	1	1	25.95	25.80	25.79
DFT-S 64QAM	1	1	24.05	24.01	23.99
CP 256QAM	1	1	20.26	20.18	20.02
CP QPSK	1	1	25.27	25.17	25.16

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
DFT-S BPSK	26.34	26.48	29.09	29.23	33.01
DFT-S QPSK	25.23	26.49	27.98	29.24	33.01
DFT-S 16QAM	25.79	25.95	28.54	28.70	33.01
DFT-S 64QAM	23.99	24.05	26.74	26.80	33.01
CP 256QAM	20.02	20.26	22.77	23.01	33.01
CP QPSK	25.16	25.27	27.91	28.02	33.01

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

NR n41 SCS 30 kHz - Ant 3, 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
DFT-S BPSK	1	1	26.37	26.51	26.32
DFT-S QPSK	1	1	26.36	26.42	26.34
	1	39	26.36	26.38	26.37
	1	76	26.29	26.42	26.28
	36	0	25.43	25.65	25.50
	36	21	26.25	26.46	26.27
	36	42	25.53	25.66	25.57
	75	0	25.17	25.34	25.18
DFT-S 16 QAM	1	1	25.80	25.83	25.86
DFT-S 64QAM	1	1	23.82	23.96	24.01
CP 256QAM	1	1	20.11	20.28	20.10
CP QPSK	1	1	25.12	25.24	25.10

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
DFT-S BPSK	26.32	26.51	29.07	29.26	33.01
DFT-S QPSK	25.17	26.46	27.92	29.21	33.01
DFT-S 16QAM	25.80	25.86	28.55	28.61	33.01
DFT-S 64QAM	23.82	24.01	26.57	26.76	33.01
CP 256QAM	20.10	20.28	22.85	23.03	33.01
CP QPSK	25.10	25.24	27.85	27.99	33.01

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

NR n41 SCS 30 kHz - Ant 3, 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
DFT-S BPSK	1	1	26.33	26.42	26.37
DFT-S QPSK	1	1	26.36	26.52	26.28
	1	53	26.39	26.40	26.30
	1	104	26.26	26.39	26.29
	50	0	25.58	25.71	25.48
	50	28	26.26	26.44	26.26
	50	56	25.53	25.70	25.56
	100	0	25.23	25.32	25.32
DFT-S 16QAM	1	1	25.83	25.83	25.73
DFT-S 64QAM	1	1	23.94	24.05	23.99
CP 256QAM	1	1	20.01	20.25	20.04
CP QPSK	1	1	25.10	25.29	25.13

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
DFT-S BPSK	26.33	26.42	29.08	29.17	33.01
DFT-S QPSK	25.23	26.52	27.98	29.27	33.01
DFT-S 16QAM	25.73	25.83	28.48	28.58	33.01
DFT-S 64QAM	23.94	24.05	26.69	26.80	33.01
CP 256QAM	20.01	20.25	22.76	23.00	33.01
CP QPSK	25.10	25.29	27.85	28.04	33.01

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

NR n41 SCS 30 kHz - Ant 3, 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
DFT-S BPSK	1	1	26.37	26.54	26.34
DFT-S QPSK	1	1	26.33	26.51	26.42
	1	67	26.40	26.38	26.42
	1	131	26.22	26.32	26.29
	64	0	25.53	25.67	25.62
	64	35	26.31	26.37	26.19
	64	69	25.45	25.70	25.60
	128	0	25.11	25.37	25.20
DFT-S 16QAM	1	1	25.86	25.83	25.87
DFT-S 64QAM	1	1	23.98	24.08	23.87
CP 256QAM	1	1	20.08	20.21	20.11
CP QPSK	1	1	25.14	25.30	25.18

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
DFT-S BPSK	26.34	26.54	29.09	29.29	33.01
DFT-S QPSK	25.11	26.51	27.86	29.26	33.01
DFT-S 16QAM	25.83	25.87	28.58	28.62	33.01
DFT-S 64QAM	23.87	24.08	26.62	26.83	33.01
CP 256QAM	20.08	20.21	22.83	22.96	33.01
CP QPSK	25.14	25.30	27.89	28.05	33.01

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

NR n41 SCS 30 kHz - Ant 3, 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
DFT-S BPSK	1	1	26.39	26.50	26.36
DFT-S QPSK	1	1	26.43	26.44	26.43
	1	81	26.41	26.51	26.33
	1	160	26.35	26.46	26.29
	81	0	25.63	25.64	25.55
	81	41	26.22	26.42	26.40
	81	81	25.53	25.66	25.47
	162	0	25.24	25.36	25.10
DFT-S 16QAM	1	1	25.77	25.96	25.82
DFT-S 64QAM	1	1	23.94	24.09	23.98
CP 256QAM	1	1	20.06	20.27	20.15
CP QPSK	1	1	25.18	25.25	25.10

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
DFT-S BPSK	26.36	26.50	29.11	29.25	33.01
DFT-S QPSK	25.10	26.51	27.85	29.26	33.01
DFT-S 16QAM	25.77	25.96	28.52	28.71	33.01
DFT-S 64QAM	23.94	24.09	26.69	26.84	33.01
CP 256QAM	20.06	20.27	22.81	23.02	33.01
CP QPSK	25.10	25.25	27.85	28.00	33.01

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

NR n41 SCS 30 kHz - Ant 3, Channel Bandwidth: 70 MHz

Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)		
			CH 507000	CH 518598	CH 531000
			2535 MHz	2592.99 MHz	2655 MHz
DFT-S BPSK	1	1	26.36	26.55	26.32
DFT-S QPSK	1	1	26.42	26.41	26.29
	1	95	26.38	26.47	26.36
	1	187	26.33	26.37	26.21
	90	0	25.51	25.67	25.57
	90	50	26.28	26.34	26.22
	90	99	25.54	25.62	25.46
	180	0	25.15	25.28	25.27
DFT-S 16QAM	1	1	25.81	25.89	25.91
DFT-S 64QAM	1	1	23.97	23.99	24.01
CP 256QAM	1	1	20.13	20.27	20.07
CP QPSK	1	1	25.17	25.23	25.13

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
DFT-S BPSK	26.32	26.55	29.07	29.30	33.01
DFT-S QPSK	25.15	26.47	27.90	29.22	33.01
DFT-S 16QAM	25.81	25.91	28.56	28.66	33.01
DFT-S 64QAM	23.97	24.01	26.72	26.76	33.01
CP 256QAM	20.07	20.27	22.82	23.02	33.01
CP QPSK	25.13	25.23	27.88	27.98	33.01

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

NR n41 SCS 30 kHz - Ant 3, 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
DFT-S BPSK	1	1	26.38	26.53	26.29
DFT-S QPSK	1	1	26.44	26.43	26.28
	1	109	26.36	26.42	26.39
	1	215	26.31	26.38	26.20
	108	0	25.56	25.66	25.53
	108	55	26.37	26.40	26.37
	108	109	25.49	25.63	25.61
	216	0	25.26	25.28	25.28
DFT-S 16QAM	1	1	25.79	25.88	25.79
DFT-S 64QAM	1	1	23.95	24.05	23.94
CP 256QAM	1	1	20.04	20.21	20.00
CP QPSK	1	1	25.14	25.29	25.11

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
DFT-S BPSK	26.29	26.53	29.04	29.28	33.01
DFT-S QPSK	25.26	26.44	28.01	29.19	33.01
DFT-S 16QAM	25.79	25.88	28.54	28.63	33.01
DFT-S 64QAM	23.94	24.05	26.69	26.80	33.01
CP 256QAM	20.00	20.21	22.75	22.96	33.01
CP QPSK	25.11	25.29	27.86	28.04	33.01

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

NR n41 SCS 30 kHz - Ant 3, 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
DFT-S BPSK	1	1	26.37	26.45	26.46
DFT-S QPSK	1	1	26.45	26.40	26.34
	1	123	26.24	26.37	26.41
	1	243	26.31	26.42	26.20
	120	0	25.58	25.68	25.59
	120	63	26.25	26.40	26.34
	120	125	25.51	25.68	25.56
	243	0	25.25	25.29	25.19
DFT-S 16QAM	1	1	25.79	25.97	25.70
DFT-S 64QAM	1	1	23.83	24.02	23.99
CP 256QAM	1	1	20.02	20.14	20.12
CP QPSK	1	1	25.18	25.22	25.16

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
DFT-S BPSK	26.37	26.46	29.12	29.21	33.01
DFT-S QPSK	25.19	26.45	27.94	29.20	33.01
DFT-S 16QAM	25.70	25.97	28.45	28.72	33.01
DFT-S 64QAM	23.83	24.02	26.58	26.77	33.01
CP 256QAM	20.02	20.14	22.77	22.89	33.01
CP QPSK	25.16	25.22	27.91	27.97	33.01

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

NR n41 SCS 30 kHz - Ant 3, 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
DFT-S BPSK	1	1	26.52	26.61	26.52
DFT-S QPSK	1	1	26.49	26.65	26.46
	1	137	26.48	26.57	26.51
	1	271	26.37	26.51	26.45
	135	0	25.62	25.76	25.71
	135	69	26.37	26.52	26.43
	135	138	25.65	25.78	25.73
	270	0	25.29	25.44	25.39
DFT-S 16QAM	1	1	25.96	26.03	25.91
DFT-S 64QAM	1	1	24.05	24.14	24.02
CP 256QAM	1	1	20.27	20.33	20.27
CP QPSK	1	1	25.26	25.35	25.25

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
DFT-S BPSK	26.52	26.61	29.27	29.36	33.01
DFT-S QPSK	25.29	26.65	28.04	29.40	33.01
DFT-S 16QAM	25.91	26.03	28.66	28.78	33.01
DFT-S 64QAM	24.02	24.14	26.77	26.89	33.01
CP 256QAM	20.27	20.33	23.02	23.08	33.01
CP QPSK	25.25	25.35	28.00	28.10	33.01

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

NR n41 SCS 30 kHz - MIMO, 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	24.42	24.51	27.48	24.49	24.5	27.51	24.43	24.48	27.47
QPSK	1	1	24.70	24.70	27.71	24.67	24.84	27.77	24.67	24.78	27.74
	1	12	24.01	24.19	27.11	24.15	24.13	27.15	24.10	24.15	27.14
	1	23	23.27	23.43	26.36	23.36	23.29	26.34	23.32	23.38	26.36
	12	0	21.99	22.15	25.08	22.10	22.24	25.18	22.04	22.17	25.12
	12	6	23.87	24.10	27.00	23.96	24.06	27.02	23.96	24.08	27.03
	12	13	21.14	21.14	24.15	21.15	21.11	24.14	21.13	21.20	24.18
	24	0	21.53	21.84	24.70	21.52	21.85	24.70	21.56	21.86	24.72
16QAM	1	1	24.56	24.57	27.58	24.5	24.62	27.57	24.46	24.6	27.54
64QAM	1	1	22.28	22.48	25.39	22.28	22.59	25.45	22.3	22.46	25.39
256QAM	1	1	18.18	18.45	21.33	18.18	18.59	21.40	18.29	18.5	21.41

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
BPSK	27.47	27.51	30.22	30.26	33.01
QPSK	24.14	27.77	26.89	30.52	33.01
16QAM	27.54	27.58	30.29	30.33	33.01
64QAM	25.39	25.45	28.14	28.2	33.01
256QAM	21.33	21.41	24.08	24.16	33.01

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

NR n41 SCS 30 kHz - MIMO, 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	24.51	24.6	27.57	24.52	24.46	27.50	24.42	24.59	27.52
QPSK	1	1	24.64	24.74	27.70	24.67	24.77	27.73	24.67	24.73	27.71
	1	19	24.11	24.16	27.15	24.10	24.12	27.12	24.06	24.15	27.12
	1	37	23.35	23.40	26.39	23.30	23.33	26.33	23.33	23.40	26.38
	19	0	22.09	22.24	25.18	22.02	22.21	25.13	22.05	22.25	25.16
	19	9	23.82	24.12	26.98	23.89	24.01	26.96	23.82	24.11	26.98
	19	18	21.11	21.24	24.19	21.17	21.18	24.19	21.08	21.22	24.16
	38	0	21.59	21.87	24.74	21.56	21.79	24.69	21.67	21.83	24.76
16QAM	1	1	24.47	24.57	27.53	24.53	24.58	27.57	24.48	24.61	27.56
64QAM	1	1	22.23	22.44	25.35	22.34	22.53	25.45	22.22	22.5	25.37
256QAM	1	1	18.3	18.48	21.40	18.26	18.55	21.42	18.21	18.52	21.38

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
BPSK	27.5	27.57	30.25	30.32	33.01
QPSK	24.16	27.73	26.91	30.48	33.01
16QAM	27.53	27.57	30.28	30.32	33.01
64QAM	25.35	25.45	28.1	28.2	33.01
256QAM	21.38	21.42	24.13	24.17	33.01

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

NR n41 SCS 30 kHz - MIMO, 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	24.41	24.46	27.45	24.48	24.55	27.53	24.45	24.59	27.53
QPSK	1	1	24.67	24.77	27.73	24.74	24.81	27.79	24.78	24.77	27.79
	1	26	24.08	24.23	27.17	24.09	24.26	27.19	24.04	24.22	27.14
	1	49	23.27	23.41	26.35	23.30	23.34	26.33	23.25	23.32	26.30
	25	0	22.04	22.26	25.16	22.01	22.12	25.08	22.01	22.21	25.12
	25	13	23.81	24.11	26.97	23.81	24.04	26.94	23.81	24.07	26.95
	25	26	21.04	21.17	24.12	21.11	21.23	24.18	21.14	21.12	24.14
	50	0	21.58	21.90	24.75	21.65	21.87	24.77	21.61	21.77	24.70
16QAM	1	1	24.47	24.66	27.58	24.55	24.65	27.61	24.54	24.62	27.59
64QAM	1	1	22.22	22.48	25.36	22.21	22.52	25.38	22.2	22.59	25.41
256QAM	1	1	18.26	18.47	21.38	18.2	18.45	21.34	18.26	18.56	21.42

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
BPSK	27.45	27.53	30.2	30.28	33.01
QPSK	24.12	27.79	26.87	30.54	33.01
16QAM	27.58	27.61	30.33	30.36	33.01
64QAM	25.36	25.41	28.11	28.16	33.01
256QAM	21.34	21.42	24.09	24.17	33.01

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

NR n41 SCS 30 kHz - MIMO, 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		
			TX 1	TX 2	Total	TX 1	TX 2	Total	TX 1	TX 2	Total
BPSK	1	1	24.48	24.57	27.54	24.41	24.57	27.50	24.49	24.53	27.52
QPSK	1	1	24.69	24.79	27.75	24.68	24.81	27.76	24.77	24.80	27.80
	1	33	24.02	24.25	27.15	24.11	24.12	27.13	24.12	24.13	27.14
	1	63	23.27	23.37	26.33	23.29	23.39	26.35	23.23	23.29	26.27
	32	0	22.07	22.18	25.14	22.11	22.21	25.17	22.10	22.13	25.13
	32	17	23.86	24.07	26.98	23.89	24.02	26.97	23.93	24.16	27.06
	32	33	21.06	21.25	24.17	21.09	21.13	24.12	21.15	21.14	24.16
	64	0	21.54	21.80	24.68	21.54	21.77	24.67	21.66	21.90	24.79
16QAM	1	1	24.58	24.58	27.59	24.43	24.62	27.54	24.44	24.71	27.59
64QAM	1	1	22.31	22.48	25.41	22.34	22.55	25.46	22.3	22.54	25.43
256QAM	1	1	18.31	18.56	21.45	18.31	18.59	21.46	18.32	18.55	21.45

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
BPSK	27.5	27.54	30.25	30.29	33.01
QPSK	24.12	27.8	26.87	30.55	33.01
16QAM	27.54	27.59	30.29	30.34	33.01
64QAM	25.41	25.46	28.16	28.21	33.01
256QAM	21.45	21.46	24.2	24.21	33.01

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

NR n41 SCS 30 kHz - MIMO, 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	24.53	24.46	27.51	24.48	24.5	27.50	24.45	24.59	27.53
QPSK	1	1	24.64	24.76	27.71	24.64	24.85	27.76	24.72	24.72	27.73
	1	39	24.13	24.20	27.18	24.08	24.23	27.17	24.05	24.15	27.11
	1	76	23.30	23.36	26.34	23.33	23.28	26.32	23.26	23.31	26.30
	36	0	22.13	22.19	25.17	21.99	22.26	25.14	22.14	22.20	25.18
	36	21	23.90	24.04	26.98	23.85	24.03	26.95	23.87	24.12	27.01
	36	42	21.16	21.19	24.19	21.02	21.25	24.15	21.11	21.17	24.15
	75	0	21.56	21.79	24.69	21.58	21.83	24.72	21.60	21.82	24.72
16QAM	1	1	24.48	24.62	27.56	24.49	24.59	27.55	24.53	24.66	27.61
64QAM	1	1	22.19	22.46	25.34	22.22	22.56	25.40	22.28	22.46	25.38
256QAM	1	1	18.21	18.52	21.38	18.17	18.44	21.32	18.28	18.54	21.42

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
BPSK	27.5	27.53	30.25	30.28	33.01
QPSK	24.15	27.76	26.9	30.51	33.01
16QAM	27.55	27.61	30.3	30.36	33.01
64QAM	25.34	25.4	28.09	28.15	33.01
256QAM	21.32	21.42	24.07	24.17	33.01

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

NR n41 SCS 30 kHz - MIMO, 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	24.47	24.45	27.47	24.48	24.52	27.51	24.53	24.57	27.56
QPSK	1	1	24.68	24.73	27.72	24.72	24.72	27.73	24.71	24.72	27.73
	1	53	24.10	24.12	27.12	24.13	24.15	27.15	24.16	24.18	27.18
	1	104	23.32	23.43	26.39	23.37	23.42	26.41	23.25	23.29	26.28
	50	0	22.07	22.22	25.16	22.01	22.25	25.14	22.08	22.20	25.15
	50	28	23.94	24.05	27.01	23.94	24.08	27.02	23.92	24.06	27.00
	50	56	21.17	21.19	24.19	21.09	21.20	24.16	21.07	21.24	24.17
	100	0	21.64	21.90	24.78	21.59	21.91	24.76	21.61	21.79	24.71
16QAM	1	1	24.55	24.58	27.58	24.46	24.72	27.60	24.53	24.69	27.62
64QAM	1	1	22.27	22.52	25.41	22.19	22.5	25.36	22.23	22.52	25.39
256QAM	1	1	18.29	18.48	21.40	18.18	18.55	21.38	18.18	18.59	21.40

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
BPSK	27.47	27.56	30.22	30.31	33.01
QPSK	24.16	27.73	26.91	30.48	33.01
16QAM	27.58	27.62	30.33	30.37	33.01
64QAM	25.36	25.41	28.11	28.16	33.01
256QAM	21.38	21.4	24.13	24.15	33.01

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

NR n41 SCS 30 kHz - MIMO, 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	24.42	24.58	27.51	24.47	24.58	27.54	24.51	24.45	27.49
QPSK	1	1	24.69	24.80	27.76	24.77	24.82	27.81	24.75	24.75	27.76
	1	67	24.05	24.17	27.12	24.16	24.14	27.16	24.11	24.15	27.14
	1	131	23.34	23.32	26.34	23.36	23.28	26.33	23.24	23.42	26.34
	64	0	22.09	22.20	25.16	22.07	22.17	25.13	22.02	22.27	25.16
	64	35	23.84	24.09	26.98	23.85	24.15	27.01	23.96	24.07	27.03
	64	69	21.03	21.19	24.12	21.02	21.20	24.12	21.06	21.22	24.15
	128	0	21.59	21.84	24.73	21.52	21.92	24.73	21.58	21.81	24.71
16QAM	1	1	24.58	24.68	27.64	24.48	24.63	27.57	24.53	24.64	27.60
64QAM	1	1	22.23	22.55	25.40	22.33	22.45	25.40	22.25	22.53	25.40
256QAM	1	1	18.27	18.58	21.44	18.28	18.55	21.43	18.22	18.49	21.37

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
BPSK	27.49	27.54	30.24	30.29	33.01
QPSK	24.12	27.81	26.87	30.56	33.01
16QAM	27.57	27.64	30.32	30.39	33.01
64QAM	25.4	25.4	28.15	28.15	33.01
256QAM	21.37	21.44	24.12	24.19	33.01

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

NR n41 SCS 30 kHz - MIMO, 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	24.39	24.52	27.47	24.45	24.57	27.52	24.41	24.52	27.48
QPSK	1	1	24.71	24.75	27.74	24.69	24.79	27.75	24.76	24.72	27.75
	1	81	24.15	24.16	27.17	24.02	24.14	27.09	24.07	24.21	27.15
	1	160	23.36	23.39	26.39	23.38	23.32	26.36	23.27	23.35	26.32
	81	0	22.13	22.21	25.18	22.08	22.13	25.12	22.01	22.14	25.09
	81	41	23.94	24.08	27.02	23.81	24.04	26.94	23.82	24.02	26.93
	81	81	21.14	21.15	24.16	21.12	21.15	24.15	21.13	21.23	24.19
	162	0	21.64	21.85	24.76	21.57	21.77	24.68	21.61	21.88	24.76
16QAM	1	1	24.47	24.66	27.58	24.52	24.65	27.60	24.51	24.63	27.58
64QAM	1	1	22.23	22.5	25.38	22.19	22.52	25.37	22.22	22.52	25.38
256QAM	1	1	18.24	18.53	21.40	18.21	18.53	21.38	18.3	18.51	21.42

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
BPSK	27.47	27.52	30.22	30.27	33.01
QPSK	24.15	27.75	26.9	30.5	33.01
16QAM	27.58	27.6	30.33	30.35	33.01
64QAM	25.37	25.38	28.12	28.13	33.01
256QAM	21.38	21.42	24.13	24.17	33.01

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

NR n41 SCS 30 kHz - MIMO, 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	24.41	24.55	27.49	24.5	24.56	27.54	24.48	24.6	27.55
QPSK	1	1	24.78	24.82	27.81	24.72	24.78	27.76	24.76	24.82	27.80
	1	95	24.06	24.19	27.14	24.12	24.13	27.14	24.01	24.17	27.10
	1	187	23.24	23.29	26.28	23.37	23.33	26.36	23.34	23.39	26.38
	90	0	22.08	22.20	25.15	22.06	22.25	25.17	22.13	22.13	25.14
	90	50	23.96	24.04	27.01	23.92	24.01	26.98	23.91	24.14	27.04
	90	99	21.07	21.25	24.17	21.07	21.20	24.15	21.17	21.20	24.20
	180	0	21.60	21.78	24.70	21.59	21.78	24.70	21.65	21.91	24.79
16QAM	1	1	24.45	24.72	27.60	24.57	24.65	27.62	24.45	24.65	27.56
64QAM	1	1	22.21	22.52	25.38	22.34	22.44	25.40	22.23	22.58	25.42
256QAM	1	1	18.18	18.57	21.39	18.32	18.46	21.40	18.22	18.59	21.42

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
BPSK	27.49	27.55	30.24	30.3	33.01
QPSK	24.15	27.81	26.9	30.56	33.01
16QAM	27.56	27.62	30.31	30.37	33.01
64QAM	25.38	25.42	28.13	28.17	33.01
256QAM	21.39	21.42	24.14	24.17	33.01

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

NR n41 SCS 30 kHz - MIMO, 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	24.47	24.5	27.50	24.4	24.5	27.46	24.5	24.51	27.52
QPSK	1	1	24.64	24.85	27.76	24.74	24.79	27.78	24.73	24.85	27.80
	1	109	24.16	24.20	27.19	24.03	24.16	27.11	24.10	24.17	27.15
	1	215	23.35	23.37	26.37	23.27	23.42	26.36	23.36	23.38	26.38
	108	0	22.08	22.26	25.18	22.09	22.13	25.12	22.08	22.27	25.19
	108	55	23.92	24.01	26.98	23.96	24.12	27.05	23.93	24.12	27.04
	108	109	21.10	21.13	24.13	21.17	21.12	24.16	21.07	21.21	24.15
	216	0	21.57	21.91	24.75	21.52	21.82	24.68	21.56	21.85	24.72
16QAM	1	1	24.58	24.67	27.64	24.47	24.63	27.56	24.55	24.69	27.63
64QAM	1	1	22.34	22.51	25.44	22.33	22.45	25.40	22.34	22.45	25.41
256QAM	1	1	18.25	18.44	21.36	18.18	18.47	21.34	18.27	18.56	21.43

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
BPSK	27.46	27.52	30.21	30.27	33.01
QPSK	24.13	27.8	26.88	30.55	33.01
16QAM	27.56	27.64	30.31	30.39	33.01
64QAM	25.4	25.44	28.15	28.19	33.01
256QAM	21.34	21.43	24.09	24.18	33.01

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

NR n41 SCS 30 kHz - MIMO, 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	24.4	24.55	27.49	24.44	24.54	27.50	24.42	24.57	27.51
QPSK	1	1	24.66	24.70	27.69	24.78	24.73	27.77	24.66	24.75	27.72
	1	123	24.15	24.11	27.14	24.02	24.22	27.13	24.04	24.16	27.11
	1	243	23.27	23.31	26.30	23.33	23.39	26.37	23.34	23.31	26.34
	120	0	22.14	22.14	25.15	22.10	22.21	25.17	22.00	22.20	25.11
	120	63	23.96	24.04	27.01	23.86	24.06	26.97	23.86	24.02	26.95
	120	125	21.07	21.17	24.13	21.09	21.15	24.13	21.04	21.18	24.12
	243	0	21.62	21.88	24.76	21.65	21.82	24.75	21.62	21.78	24.71
16QAM	1	1	24.54	24.6	27.58	24.48	24.62	27.56	24.58	24.57	27.59
64QAM	1	1	22.26	22.47	25.38	22.3	22.58	25.45	22.29	22.55	25.43
256QAM	1	1	18.2	18.45	21.34	18.31	18.53	21.43	18.22	18.51	21.38

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
BPSK	27.49	27.51	30.24	30.26	33.01
QPSK	24.12	27.77	26.87	30.52	33.01
16QAM	27.56	27.59	30.31	30.34	33.01
64QAM	25.38	25.45	28.13	28.2	33.01
256QAM	21.34	21.43	24.09	24.18	33.01

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

NR n41 SCS 30 kHz - MIMO, 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	24.42	24.58	27.51	24.59	24.65	27.63	24.39	24.55	27.48
QPSK	1	1	24.73	24.72	27.74	24.84	24.90	27.88	24.79	24.84	27.83
	1	137	24.03	24.26	27.16	24.21	24.31	27.27	24.14	24.20	27.18
	1	271	23.34	23.28	26.32	23.43	23.48	26.47	23.25	23.36	26.32
	135	0	22.01	22.17	25.10	22.19	22.32	25.27	22.03	22.17	25.11
	135	69	23.87	24.07	26.98	24.01	24.21	27.12	23.82	24.13	26.99
	135	138	21.04	21.16	24.11	21.22	21.31	24.28	21.11	21.24	24.19
	270	0	21.66	21.90	24.79	21.72	21.97	24.86	21.52	21.78	24.66
16QAM	1	1	24.51	24.63	27.58	24.63	24.77	27.71	24.58	24.7	27.65
64QAM	1	1	22.23	22.59	25.42	22.39	22.64	25.53	22.33	22.51	25.43
256QAM	1	1	18.3	18.59	21.46	18.37	18.64	21.52	18.23	18.48	21.37

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
BPSK	27.48	27.63	30.23	30.38	33.01
QPSK	24.11	27.88	26.86	30.63	33.01
16QAM	27.58	27.71	30.33	30.46	33.01
64QAM	25.42	25.53	28.17	28.28	33.01
256QAM	21.37	21.52	24.12	24.27	33.01

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

7.1.7 NR n66 SCS 15 kHz

NR n66 SCS 15 kHz, Channel Bandwidth: 5 MHz

Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)		
			CH 342500	CH 349000	CH 355500
			1712.5 MHz	1745 MHz	1777.5 MHz
DFT-S BPSK	1	1	23.67	23.81	23.63
DFT-S QPSK	1	1	23.59	23.73	23.66
	1	13	23.64	23.74	23.72
	1	23	23.58	23.68	23.56
	12	0	22.84	22.87	22.75
	12	7	22.70	22.74	22.73
	12	13	22.60	22.76	22.71
	25	0	22.71	22.73	22.70
DFT-S 16 QAM	1	1	22.66	22.77	22.72
DFT-S 64 QAM	1	1	21.67	21.67	21.65
CP 256 QAM	1	1	17.99	18.06	18.00
CP QPSK	1	1	22.25	22.33	22.24

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
DFT-S BPSK	23.63	23.81	26.94	27.12	30
DFT-S QPSK	22.60	23.74	25.91	27.05	30
DFT-S 16QAM	22.66	22.77	25.97	26.08	30
DFT-S 64QAM	21.65	21.67	24.96	24.98	30
CP 256QAM	17.99	18.06	21.30	21.37	30
CP QPSK	22.24	22.33	25.55	25.64	30

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

NR n66 SCS 15 kHz, 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
DFT-S BPSK	1	1	23.70	23.73	23.72
DFT-S QPSK	1	1	23.69	23.65	23.56
	1	26	23.64	23.75	23.63
	1	50	23.63	23.71	23.61
	25	0	22.80	22.89	22.85
	25	14	22.74	22.77	22.69
	25	27	22.61	22.78	22.62
	50	0	22.69	22.75	22.67
DFT-S 16 QAM	1	1	22.78	22.76	22.69
DFT-S 64 QAM	1	1	21.72	21.67	21.61
CP 256 QAM	1	1	18.01	18.01	17.99
CP QPSK	1	1	22.17	22.31	22.23

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
DFT-S BPSK	23.70	23.73	27.01	27.04	30
DFT-S QPSK	22.61	23.75	25.92	27.06	30
DFT-S 16QAM	22.69	22.78	26.00	26.09	30
DFT-S 64QAM	21.61	21.72	24.92	25.03	30
CP 256QAM	17.99	18.01	21.30	21.32	30
CP QPSK	22.17	22.31	25.48	25.62	30

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

NR n66 SCS 15 kHz, 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
DFT-S BPSK	1	1	23.65	23.80	23.67
DFT-S QPSK	1	1	23.60	23.72	23.65
	1	40	23.61	23.75	23.63
	1	77	23.62	23.64	23.56
	36	0	22.81	22.84	22.78
	36	22	22.75	22.80	22.73
	36	43	22.67	22.72	22.67
	75	0	22.67	22.74	22.74
DFT-S 16 QAM	1	1	22.68	22.74	22.72
DFT-S 64QAM	1	1	21.66	21.73	21.65
CP 256QAM	1	1	17.96	18.09	17.92
CP QPSK	1	1	22.24	22.36	22.27

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
DFT-S BPSK	23.65	23.80	26.96	27.11	30
DFT-S QPSK	22.67	23.75	25.98	27.06	30
DFT-S 16QAM	22.68	22.74	25.99	26.05	30
DFT-S 64QAM	21.65	21.73	24.96	25.04	30
CP 256QAM	17.92	18.09	21.23	21.40	30
CP QPSK	22.24	22.36	25.55	25.67	30

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

NR n66 SCS 15 kHz, 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
DFT-S BPSK	1	1	23.74	23.73	23.76
DFT-S QPSK	1	1	23.63	23.73	23.65
	1	53	23.68	23.71	23.73
	1	104	23.58	23.68	23.61
	50	0	22.82	22.87	22.79
	50	28	22.76	22.84	22.69
	50	56	22.70	22.77	22.63
	100	0	22.72	22.81	22.70
DFT-S 16QAM	1	1	22.66	22.74	22.71
DFT-S 64QAM	1	1	21.65	21.73	21.65
CP 256QAM	1	1	17.98	18.02	18.00
CP QPSK	1	1	22.25	22.31	22.24

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
DFT-S BPSK	23.73	23.76	27.04	27.07	30
DFT-S QPSK	22.63	23.73	25.94	27.04	30
DFT-S 16QAM	22.66	22.74	25.97	26.05	30
DFT-S 64QAM	21.65	21.73	24.96	25.04	30
CP 256QAM	17.98	18.02	21.29	21.33	30
CP QPSK	22.24	22.31	25.55	25.62	30

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

NR n66 SCS 15 kHz, 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
DFT-S BPSK	1	1	23.69	23.77	23.66
DFT-S QPSK	1	1	23.64	23.70	23.66
	1	67	23.72	23.76	23.68
	1	131	23.56	23.71	23.56
	64	0	22.84	22.91	22.78
	64	35	22.65	22.80	22.67
	64	69	22.61	22.77	22.66
	133	0	22.65	22.74	22.72
DFT-S 16QAM	1	1	22.77	22.73	22.75
DFT-S 64QAM	1	1	21.59	21.72	21.68
CP 256QAM	1	1	17.97	18.01	17.97
CP QPSK	1	1	22.25	22.37	22.21

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
DFT-S BPSK	23.66	23.77	26.97	27.08	30
DFT-S QPSK	22.61	23.76	25.92	27.07	30
DFT-S 16QAM	22.73	22.77	26.04	26.08	30
DFT-S 64QAM	21.59	21.72	24.90	25.03	30
CP 256QAM	17.97	18.01	21.28	21.32	30
CP QPSK	22.21	22.37	25.52	25.68	30

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

NR n66 SCS 15 kHz, 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
DFT-S BPSK	1	1	23.71	23.72	23.70
DFT-S QPSK	1	1	23.63	23.67	23.60
	1	81	23.61	23.70	23.67
	1	160	23.58	23.68	23.62
	81	0	22.79	22.88	22.83
	81	41	22.75	22.76	22.69
	81	81	22.69	22.70	22.69
	162	0	22.62	22.80	22.65
DFT-S 16QAM	1	1	22.64	22.80	22.70
DFT-S 64QAM	1	1	21.64	21.76	21.62
CP 256QAM	1	1	17.92	18.10	18.00
CP QPSK	1	1	22.22	22.27	22.22

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
DFT-S BPSK	23.70	23.72	27.01	27.03	30
DFT-S QPSK	22.62	23.70	25.93	27.01	30
DFT-S 16QAM	22.64	22.80	25.95	26.11	30
DFT-S 64QAM	21.62	21.76	24.93	25.07	30
CP 256QAM	17.92	18.10	21.23	21.41	30
CP QPSK	22.22	22.27	25.53	25.58	30

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

NR n66 SCS 15 kHz, Channel Bandwidth: 40 MHz

Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)		
			CH 346000	CH 349000	CH 352000
			1720 MHz	1745 MHz	1760 MHz
DFT-S BPSK	1	1	23.81	23.81	23.79
DFT-S QPSK	1	1	23.73	23.80	23.75
	1	109	23.74	23.86	23.73
	1	215	23.67	23.76	23.67
	108	0	22.92	22.99	22.94
	108	55	22.80	22.89	22.80
	108	109	22.78	22.83	22.78
	216	0	22.77	22.86	22.78
DFT-S 16QAM	1	1	22.81	22.88	22.82
DFT-S 64QAM	1	1	21.75	21.82	21.75
CP 256QAM	1	1	18.06	18.15	18.05
CP QPSK	1	1	22.34	22.42	22.37

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
DFT-S BPSK	23.79	23.81	27.10	27.12	30
DFT-S QPSK	22.77	23.86	26.08	27.17	30
DFT-S 16QAM	22.81	22.88	26.12	26.19	30
DFT-S 64QAM	21.75	21.82	25.06	25.13	30
CP 256QAM	18.05	18.15	21.36	21.46	30
CP QPSK	22.34	22.42	25.65	25.73	30

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

7.1.8 NR 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
DFT-S BPSK	1	1	23.54	23.71	23.54
DFT-S QPSK	1	1	23.51	23.63	23.58
	1	13	23.48	23.52	23.52
	1	23	23.40	23.48	23.41
	12	0	23.47	23.67	23.42
	12	7	23.83	23.79	23.64
	12	13	23.51	23.57	23.45
	25	0	22.81	22.91	22.78
DFT-S 16QAM	1	1	22.39	22.54	22.36
DFT-S 64QAM	1	1	21.28	21.42	21.29
CP 256QAM	1	1	17.31	17.40	17.27
CP QPSK	1	1	22.08	22.27	22.13

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum ERP (dBm)	Maximum ERP (dBm)	ERP Limit (dBm)
DFT-S BPSK	23.54	23.71	21.92	22.09	34.77
DFT-S QPSK	22.78	23.83	21.16	22.21	34.77
DFT-S 16QAM	22.36	22.54	20.74	20.92	34.77
DFT-S 64QAM	21.28	21.42	19.66	19.80	34.77
CP 256QAM	17.27	17.40	15.65	15.78	34.77
CP QPSK	22.08	22.27	20.46	20.65	34.77

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)
ERP (dBm) = EIRP (dBm) - 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
DFT-S BPSK	1	1	23.63	23.74	23.57
DFT-S QPSK	1	1	23.56	23.60	23.55
	1	26	23.50	23.52	23.53
	1	50	23.40	23.50	23.51
	25	0	23.52	23.65	23.42
	25	14	23.81	23.79	23.70
	25	27	23.31	23.51	23.46
	50	0	22.82	22.97	22.73
DFT-S 16QAM	1	1	22.35	22.57	22.31
DFT-S 64QAM	1	1	21.26	21.37	21.20
CP 256QAM	1	1	17.37	17.50	17.35
CP QPSK	1	1	22.06	22.26	22.19

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum ERP (dBm)	Maximum ERP (dBm)	ERP Limit (dBm)
DFT-S BPSK	23.57	23.74	21.95	22.12	34.77
DFT-S QPSK	22.73	23.81	21.11	22.19	34.77
DFT-S 16QAM	22.31	22.57	20.69	20.95	34.77
DFT-S 64QAM	21.20	21.37	19.58	19.75	34.77
CP 256QAM	17.35	17.50	15.73	15.88	34.77
CP QPSK	22.06	22.26	20.44	20.64	34.77

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)
ERP (dBm) = EIRP (dBm) - 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
DFT-S BPSK	1	1	23.55	23.75	23.62
DFT-S QPSK	1	1	23.54	23.59	23.58
	1	40	23.60	23.54	23.38
	1	77	23.39	23.61	23.35
	36	0	23.62	23.52	23.46
	36	22	23.77	23.91	23.72
	36	43	23.38	23.54	23.52
	75	0	22.83	22.85	22.91
DFT-S 16QAM	1	1	22.34	22.45	22.44
DFT-S 64QAM	1	1	21.17	21.36	21.25
CP 256QAM	1	1	17.26	17.43	17.34
CP QPSK	1	1	22.15	22.30	22.11

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum ERP (dBm)	Maximum ERP (dBm)	ERP Limit (dBm)
DFT-S BPSK	23.55	23.75	21.93	22.13	34.77
DFT-S QPSK	22.83	23.91	21.21	22.29	34.77
DFT-S 16QAM	22.34	22.45	20.72	20.83	34.77
DFT-S 64QAM	21.17	21.36	19.55	19.74	34.77
CP 256QAM	17.26	17.43	15.64	15.81	34.77
CP QPSK	22.11	22.30	20.49	20.68	34.77

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)
ERP (dBm) = EIRP (dBm) - 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
DFT-S BPSK	1	1	23.70	23.75	23.73
DFT-S QPSK	1	1	23.67	23.75	23.68
	1	53	23.61	23.80	23.61
	1	104	23.55	23.66	23.58
	50	0	23.58	23.72	23.60
	50	28	23.86	23.97	23.83
	50	56	23.55	23.65	23.58
	100	0	22.97	23.02	22.96
DFT-S 16QAM	1	1	22.52	22.63	22.49
DFT-S 64QAM	1	1	21.36	21.47	21.33
CP 256QAM	1	1	17.51	17.56	17.46
CP QPSK	1	1	22.27	22.36	22.22

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum ERP (dBm)	Maximum ERP (dBm)	ERP Limit (dBm)
DFT-S BPSK	23.70	23.75	22.08	22.13	34.77
DFT-S QPSK	22.96	23.97	21.34	22.35	34.77
DFT-S 16QAM	22.49	22.63	20.87	21.01	34.77
DFT-S 64QAM	21.33	21.47	19.71	19.85	34.77
CP 256QAM	17.46	17.56	15.84	15.94	34.77
CP QPSK	22.22	22.36	20.60	20.74	34.77

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

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

NR n77 SCS 30 kHz (3.45 GHz ~ 3.55 GHz) - Ant 0, 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
DFT-S BPSK	1	1	26.07	26.23	26.04
DFT-S QPSK	1	1	26.10	26.19	26.05
	1	12	26.03	26.07	25.86
	1	23	26.03	26.15	26.06
	12	0	24.39	24.53	24.39
	12	6	26.05	26.07	26.07
	12	13	24.41	24.47	24.41
	24	0	24.40	24.55	24.45
DFT-S 16QAM	1	1	25.11	25.21	24.97
DFT-S 64QAM	1	1	23.75	23.91	23.81
CP 256QAM	1	1	18.70	18.65	18.54
CP QPSK	1	1	24.89	24.95	24.87

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
DFT-S BPSK	26.04	26.23	25.74	25.93	30
DFT-S QPSK	24.39	26.19	24.09	25.89	30
DFT-S 16QAM	24.97	25.21	24.67	24.91	30
DFT-S 64QAM	23.75	23.91	23.45	23.61	30
CP 256QAM	18.54	18.70	18.24	18.40	30
CP QPSK	24.87	24.95	24.57	24.65	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) - Ant 0, 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
DFT-S BPSK	1	1	26.05	26.22	26.07
DFT-S QPSK	1	1	26.07	26.04	26.07
	1	19	26.09	26.16	26.07
	1	37	25.95	26.08	25.99
	19	0	24.37	24.52	24.43
	19	9	25.99	26.11	25.97
	19	18	24.49	24.60	24.54
	38	0	24.42	24.52	24.31
DFT-S 16QAM	1	1	25.06	25.15	25.13
DFT-S 64QAM	1	1	23.64	23.82	23.79
CP 256QAM	1	1	18.66	18.73	18.62
CP QPSK	1	1	24.85	24.91	24.84

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
DFT-S BPSK	26.05	26.22	25.75	25.92	30
DFT-S QPSK	24.31	26.16	24.01	25.86	30
DFT-S 16QAM	25.06	25.15	24.76	24.85	30
DFT-S 64QAM	23.64	23.82	23.34	23.52	30
CP 256QAM	18.62	18.73	18.32	18.43	30
CP QPSK	24.84	24.91	24.54	24.61	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) - Ant 0, 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
DFT-S BPSK	1	1	26.06	26.22	26.22
DFT-S QPSK	1	1	26.07	26.10	26.13
	1	26	26.02	26.10	26.05
	1	49	26.03	26.03	26.06
	25	0	24.49	24.59	24.33
	25	13	26.13	26.12	26.01
	25	26	24.51	24.54	24.54
	50	0	24.45	24.43	24.29
DFT-S 16QAM	1	1	25.13	25.11	25.14
DFT-S 64QAM	1	1	23.80	23.83	23.70
CP 256QAM	1	1	18.60	18.80	18.69
CP QPSK	1	1	24.85	25.02	24.83

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
DFT-S BPSK	26.06	26.22	25.76	25.92	30
DFT-S QPSK	24.29	26.13	23.99	25.83	30
DFT-S 16QAM	25.11	25.14	24.81	24.84	30
DFT-S 64QAM	23.70	23.83	23.40	23.53	30
CP 256QAM	18.60	18.80	18.30	18.50	30
CP QPSK	24.83	25.02	24.53	24.72	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) - Ant 0, Channel Bandwidth: 25 MHz

Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)		
			CH 6306834	CH 633334	CH 635832
			3462.51 MHz	3500.01 MHz	3537.48 MHz
DFT-S BPSK	1	1	25.99	26.13	26.08
DFT-S QPSK	1	1	26.03	26.17	26.07
	1	33	25.98	26.01	26.02
	1	63	26.10	26.10	26.07
	32	0	24.47	24.56	24.47
	32	17	26.08	26.21	25.94
	32	33	24.38	24.50	24.33
	64	0	24.49	24.48	24.49
DFT-S 16QAM	1	1	25.02	25.22	25.03
DFT-S 64QAM	1	1	23.82	23.92	23.78
CP 256QAM	1	1	18.61	18.68	18.69
CP QPSK	1	1	24.83	24.90	24.93

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
DFT-S BPSK	25.99	26.13	25.69	25.83	30
DFT-S QPSK	24.33	26.21	24.03	25.91	30
DFT-S 16QAM	25.02	25.22	24.72	24.92	30
DFT-S 64QAM	23.78	23.92	23.48	23.62	30
CP 256QAM	18.61	18.69	18.31	18.39	30
CP QPSK	24.83	24.93	24.53	24.63	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) - Ant 0, 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
DFT-S BPSK	1	1	26.10	26.26	26.03
DFT-S QPSK	1	1	26.06	26.04	26.02
	1	39	26.09	26.10	25.96
	1	76	26.08	26.12	26.05
	36	0	24.37	24.55	24.36
	36	21	26.12	26.18	25.98
	36	42	24.48	24.59	24.37
	75	0	24.40	24.49	24.33
DFT-S 16QAM	1	1	25.13	25.21	25.10
DFT-S 64QAM	1	1	23.77	23.84	23.73
CP 256QAM	1	1	18.69	18.72	18.71
CP QPSK	1	1	24.83	24.95	24.87

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
DFT-S BPSK	26.03	26.26	25.73	25.96	30
DFT-S QPSK	24.33	26.18	24.03	25.88	30
DFT-S 16QAM	25.10	25.21	24.80	24.91	30
DFT-S 64QAM	23.73	23.84	23.43	23.54	30
CP 256QAM	18.69	18.72	18.39	18.42	30
CP QPSK	24.83	24.95	24.53	24.65	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) - Ant 0, 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
DFT-S BPSK	1	1	26.06	26.24	26.15
DFT-S QPSK	1	1	26.07	26.08	26.02
	1	53	26.05	26.16	25.97
	1	104	25.96	26.09	26.09
	50	0	24.31	24.47	24.40
	50	28	25.99	26.16	26.09
	50	56	24.38	24.50	24.37
	100	0	24.32	24.50	24.27
DFT-S 16QAM	1	1	24.97	25.20	25.14
DFT-S 64QAM	1	1	23.74	23.85	23.72
CP 256QAM	1	1	18.58	18.78	18.62
CP QPSK	1	1	24.87	24.92	24.91

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
DFT-S BPSK	26.06	26.24	25.76	25.94	30
DFT-S QPSK	24.27	26.16	23.97	25.86	30
DFT-S 16QAM	24.97	25.20	24.67	24.90	30
DFT-S 64QAM	23.72	23.85	23.42	23.55	30
CP 256QAM	18.58	18.78	18.28	18.48	30
CP QPSK	24.87	24.92	24.57	24.62	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) - Ant 0, 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
DFT-S BPSK	1	1	26.16	26.16	26.14
DFT-S QPSK	1	1	25.97	26.05	25.96
	1	67	25.92	26.10	26.04
	1	131	25.97	26.08	26.00
	64	0	24.36	24.54	24.42
	64	35	25.99	26.19	26.04
	64	69	24.35	24.52	24.56
	128	0	24.36	24.42	24.42
DFT-S 16QAM	1	1	25.03	25.10	25.00
DFT-S 64QAM	1	1	23.74	23.81	23.83
CP 256QAM	1	1	18.69	18.80	18.66
CP QPSK	1	1	24.94	25.01	25.00

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
DFT-S BPSK	26.14	26.16	25.84	25.86	30
DFT-S QPSK	24.35	26.19	24.05	25.89	30
DFT-S 16QAM	25.00	25.10	24.70	24.80	30
DFT-S 64QAM	23.74	23.83	23.44	23.53	30
CP 256QAM	18.66	18.80	18.36	18.50	30
CP QPSK	24.94	25.01	24.64	24.71	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) - Ant 0, 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
DFT-S BPSK	1	1	25.99	26.27	26.07
DFT-S QPSK	1	1	26.12	26.17	26.06
	1	81	26.07	26.08	25.99
	1	160	26.10	26.14	25.96
	81	0	24.39	24.46	24.36
	81	41	26.00	26.17	26.06
	81	81	24.45	24.47	24.38
	162	0	24.46	24.48	24.33
DFT-S 16QAM	1	1	25.19	25.21	25.10
DFT-S 64QAM	1	1	23.75	23.88	23.79
CP 256QAM	1	1	18.70	18.75	18.67
CP QPSK	1	1	24.85	24.93	24.90

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
DFT-S BPSK	25.99	26.27	25.69	25.97	30
DFT-S QPSK	24.33	26.17	24.03	25.87	30
DFT-S 16QAM	25.10	25.21	24.80	24.91	30
DFT-S 64QAM	23.75	23.88	23.45	23.58	30
CP 256QAM	18.67	18.75	18.37	18.45	30
CP QPSK	24.85	24.93	24.55	24.63	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) - Ant 0, 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
DFT-S BPSK	1	1	26.07	26.15	26.05
DFT-S QPSK	1	1	26.06	26.14	26.11
	1	95	26.00	26.03	25.99
	1	187	26.07	26.02	25.95
	90	0	24.49	24.53	24.35
	90	50	26.08	26.18	26.11
	90	99	24.53	24.56	24.47
	180	0	24.33	24.43	24.32
DFT-S 16QAM	1	1	25.01	25.24	25.02
DFT-S 64QAM	1	1	23.78	23.88	23.78
CP 256QAM	1	1	18.60	18.79	18.60
CP QPSK	1	1	24.92	24.99	24.76

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
DFT-S BPSK	26.05	26.15	25.75	25.85	30
DFT-S QPSK	24.32	26.18	24.02	25.88	30
DFT-S 16QAM	25.01	25.24	24.71	24.94	30
DFT-S 64QAM	23.78	23.88	23.48	23.58	30
CP 256QAM	18.60	18.79	18.30	18.49	30
CP QPSK	24.76	24.99	24.46	24.69	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) - Ant 0, 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
DFT-S BPSK	1	1	26.15	26.21	26.19
DFT-S QPSK	1	1	25.95	26.13	25.93
	1	109	25.94	26.05	26.05
	1	215	25.97	26.11	26.08
	108	0	24.40	24.54	24.42
	108	55	26.01	26.14	26.02
	108	109	24.42	24.53	24.41
	216	0	24.41	24.45	24.43
DFT-S 16QAM	1	1	25.07	25.18	25.09
DFT-S 64QAM	1	1	23.71	23.78	23.79
CP 256QAM	1	1	18.71	18.79	18.67
CP QPSK	1	1	24.81	24.90	24.95

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
DFT-S BPSK	26.15	26.21	25.85	25.91	30
DFT-S QPSK	24.40	26.14	24.10	25.84	30
DFT-S 16QAM	25.07	25.18	24.77	24.88	30
DFT-S 64QAM	23.71	23.79	23.41	23.49	30
CP 256QAM	18.67	18.79	18.37	18.49	30
CP QPSK	24.81	24.95	24.51	24.65	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) - Ant 0, 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
DFT-S BPSK	1	1	26.09	26.25	26.15
DFT-S QPSK	1	1	25.91	26.17	26.07
	1	123	26.01	26.09	26.05
	1	243	26.01	26.11	26.04
	120	0	24.39	24.50	24.42
	120	63	25.95	26.12	26.01
	120	125	24.53	24.55	24.56
	243	0	24.36	24.41	24.45
DFT-S 16QAM	1	1	25.06	25.23	24.99
DFT-S 64QAM	1	1	23.70	23.88	23.68
CP 256QAM	1	1	18.73	18.67	18.57
CP QPSK	1	1	24.91	24.97	24.78

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
DFT-S BPSK	26.09	26.25	25.79	25.95	30
DFT-S QPSK	24.36	26.17	24.06	25.87	30
DFT-S 16QAM	24.99	25.23	24.69	24.93	30
DFT-S 64QAM	23.68	23.88	23.38	23.58	30
CP 256QAM	18.57	18.73	18.27	18.43	30
CP QPSK	24.78	24.97	24.48	24.67	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) - Ant 0, Channel Bandwidth: 100 MHz

Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)
			CH 633334
			3500.01 MHz
DFT-S BPSK	1	1	26.33
DFT-S QPSK	1	1	26.37
	1	137	26.21
	1	271	26.22
	135	0	24.64
	135	69	26.26
	135	138	24.67
	270	0	24.60
DFT-S 16QAM	1	1	25.29
DFT-S 64QAM	1	1	23.98
CP 256QAM	1	1	18.85
CP QPSK	1	1	25.10

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
DFT-S BPSK	26.33	26.33	26.03	26.03	30
DFT-S QPSK	24.60	26.37	24.30	26.07	30
DFT-S 16QAM	25.29	25.29	24.99	24.99	30
DFT-S 64QAM	23.98	23.98	23.68	23.68	30
CP 256QAM	18.85	18.85	18.55	18.55	30
CP QPSK	25.10	25.10	24.80	24.80	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) - MIMO, 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		
			TX 1	TX 2	Total	TX 1	TX 2	Total	TX 1	TX 2	Total
BPSK	1	1	27.24	27.18	30.22	27.25	27.18	30.23	27.20	27.17	30.20
QPSK	1	1	27.04	27.13	30.10	27.18	27.12	30.16	27.12	27.05	30.10
	1	11	27.27	27.02	30.16	27.22	27.11	30.18	27.07	27.18	30.14
	1	23	27.06	27.11	30.10	27.02	27.07	30.06	27.06	27.13	30.11
	12	0	24.93	24.88	27.92	25.02	24.96	28.00	25.00	25.01	28.02
	12	6	26.90	26.89	29.91	26.89	26.91	29.91	26.96	26.88	29.93
	12	12	24.88	25.07	27.99	24.98	24.99	28.00	24.98	25.05	28.03
	24	0	25.07	25.05	28.07	24.89	24.86	27.89	24.89	24.99	27.95
16QAM	1	1	26.03	26.05	29.05	25.99	25.91	28.96	26.00	25.99	29.01
64QAM	1	1	24.13	24.06	27.11	24.12	23.97	27.06	24.11	24.04	27.09
256QAM	1	1	18.04	18.47	21.27	18.07	18.54	21.32	18.21	18.54	21.39

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
BPSK	30.20	30.23	29.90	29.93	30
QPSK	27.89	30.18	27.59	29.88	30
16QAM	28.96	29.05	28.66	28.75	30
64QAM	27.06	27.11	26.76	26.81	30
256QAM	21.27	21.39	20.97	21.09	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) - MIMO, Channel Bandwidth: 15 MHz

Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)								
			CH 630500			CH 641666			CH 636166		
			3457.5 MHz			3624.99 MHz			3542.49 MHz		
			TX 1	TX 2	Total	TX 1	TX 2	Total	TX 1	TX 2	Total
BPSK	1	1	27.13	27.31	30.23	27.19	27.28	30.25	27.19	27.22	30.22
QPSK	1	1	27.14	27.14	30.15	27.05	27.04	30.06	27.07	27.17	30.13
	1	19	27.12	27.11	30.13	27.08	27.06	30.08	27.26	27.16	30.22
	1	37	26.97	26.99	29.99	26.91	27.04	29.99	26.99	27.00	30.01
	19	0	25.08	25.02	28.06	24.92	24.92	27.93	25.11	24.99	28.06
	19	9	27.05	26.91	29.99	27.04	26.98	30.02	27.01	26.88	29.96
	19	18	24.93	25.00	27.98	24.92	24.94	27.94	25.01	25.09	28.06
	38	0	24.92	24.95	27.95	25.06	24.97	28.03	25.00	25.04	28.03
16QAM	1	1	26.07	26.03	29.06	26.07	25.93	29.01	26.05	25.99	29.03
64QAM	1	1	24.15	24.05	27.11	24.18	23.96	27.08	24.19	24.04	27.13
256QAM	1	1	18.07	18.52	21.31	18.17	18.46	21.33	18.10	18.50	21.31

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
BPSK	30.22	30.25	29.92	29.95	30
QPSK	27.93	30.22	27.63	29.92	30
16QAM	29.01	29.06	28.71	28.76	30
64QAM	27.08	27.13	26.78	26.83	30
256QAM	21.31	21.33	21.01	21.03	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) - MIMO, Channel Bandwidth: 20 MHz

Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)								
			CH 630688			CH 641666			CH 636000		
			3460.02 MHz			3624.99 MHz			3540 MHz		
			TX 1	TX 2	Total	TX 1	TX 2	Total	TX 1	TX 2	Total
BPSK	1	1	27.16	27.29	30.24	27.20	27.30	30.26	27.27	27.27	30.28
QPSK	1	1	27.17	27.20	30.20	27.17	27.17	30.18	27.08	27.19	30.15
	1	26	27.11	27.18	30.16	27.25	27.02	30.15	27.20	27.07	30.15
	1	49	26.91	27.16	30.05	27.03	27.01	30.03	27.02	26.96	30.00
	25	0	24.93	24.84	27.90	25.00	24.83	27.93	25.01	25.00	28.02
	25	13	26.87	26.98	29.94	27.06	26.95	30.02	26.94	26.97	29.97
	25	26	25.02	24.96	28.00	25.03	24.97	28.01	25.05	24.93	28.00
	50	0	24.99	25.04	28.03	24.98	24.89	27.95	24.91	25.04	27.99
16QAM	1	1	26.03	25.92	28.99	26.07	26.09	29.09	25.99	25.93	28.97
64QAM	1	1	24.10	24.06	27.09	24.14	23.89	27.03	24.04	23.91	26.99
256QAM	1	1	18.03	18.55	21.31	18.02	18.41	21.23	18.14	18.49	21.33

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
BPSK	30.24	30.28	29.94	29.98	30
QPSK	27.90	30.20	27.60	29.90	30
16QAM	28.97	29.09	28.67	28.79	30
64QAM	26.99	27.09	26.69	26.79	30
256QAM	21.23	21.33	20.93	21.03	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) - MIMO, Channel Bandwidth: 25 MHz

Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)								
			CH 630834			CH 641666			CH 635832		
			3462.51 MHz			3624.99 MHz			3537.48 MHz		
			TX 1	TX 2	Total	TX 1	TX 2	Total	TX 1	TX 2	Total
BPSK	1	1	27.17	27.19	30.19	27.27	27.18	30.24	27.22	27.23	30.24
QPSK	1	1	27.10	27.15	30.14	27.08	27.14	30.12	27.02	27.15	30.10
	1	33	27.23	27.09	30.17	27.15	27.17	30.17	27.11	27.04	30.09
	1	63	26.99	27.08	30.05	27.10	26.99	30.06	26.91	27.07	30.00
	32	0	25.08	24.92	28.01	25.00	24.85	27.94	25.08	24.84	27.97
	32	17	26.88	26.90	29.90	27.01	26.85	29.94	26.90	26.90	29.91
	32	33	24.89	24.94	27.93	24.91	24.93	27.93	24.99	24.98	28.00
	64	0	24.90	24.97	27.95	25.07	24.90	28.00	24.99	24.94	27.98
16QAM	1	1	26.03	26.03	29.04	26.15	25.97	29.07	26.01	26.07	29.05
64QAM	1	1	24.13	24.02	27.09	24.01	23.87	26.95	24.13	24.03	27.09
256QAM	1	1	18.02	18.46	21.26	18.02	18.51	21.28	18.15	18.44	21.31

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
BPSK	30.19	30.24	29.89	29.94	30
QPSK	27.93	30.17	27.63	29.87	30
16QAM	29.04	29.07	28.74	28.77	30
64QAM	26.95	27.09	26.65	26.79	30
256QAM	21.26	21.31	20.96	21.01	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) - MIMO, Channel Bandwidth: 30 MHz

Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)								
			CH 631000			CH 641666			CH 635666		
			3465 MHz			3624.99 MHz			3534.99 MHz		
			TX 1	TX 2	Total	TX 1	TX 2	Total	TX 1	TX 2	Total
BPSK	1	1	27.08	27.20	30.15	27.18	27.15	30.18	27.14	27.35	30.26
QPSK	1	1	27.13	27.23	30.19	27.01	27.13	30.08	27.11	27.16	30.15
	1	39	27.14	27.10	30.13	27.08	27.18	30.14	27.17	27.07	30.13
	1	76	26.94	27.06	30.01	27.07	26.99	30.04	26.92	27.00	29.97
	36	0	24.93	25.02	27.99	24.99	24.99	28.00	25.08	24.94	28.02
	36	21	27.03	26.99	30.02	26.99	26.84	29.93	26.89	26.84	29.88
	36	42	24.97	24.96	27.98	24.85	24.98	27.93	24.96	25.03	28.01
	75	0	24.93	24.86	27.91	24.93	24.94	27.95	24.91	25.01	27.97
16QAM	1	1	26.15	26.06	29.12	26.16	25.92	29.05	26.01	25.99	29.01
64QAM	1	1	24.07	23.95	27.02	24.06	23.91	27.00	24.02	24.02	27.03
256QAM	1	1	18.08	18.48	21.29	18.02	18.39	21.22	18.21	18.38	21.31

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
BPSK	30.15	30.26	29.85	29.96	30
QPSK	27.91	30.19	27.61	29.89	30
16QAM	29.01	29.12	28.71	28.82	30
64QAM	27.00	27.03	26.70	26.73	30
256QAM	21.22	21.31	20.92	21.01	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) - MIMO, Channel Bandwidth: 40 MHz

Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)								
			CH 631334			CH 641666			CH 635332		
			3470.01 MHz			3624.99 MHz			3529.98 MHz		
			TX 1	TX 2	Total	TX 1	TX 2	Total	TX 1	TX 2	Total
BPSK	1	1	27.22	27.24	30.24	27.18	27.28	30.24	27.25	27.20	30.24
QPSK	1	1	27.17	27.03	30.11	27.13	27.13	30.14	27.05	27.10	30.09
	1	53	27.25	27.19	30.23	27.09	26.99	30.05	27.26	27.12	30.20
	1	104	27.05	27.12	30.10	27.03	26.99	30.02	27.08	27.09	30.10
	50	0	24.96	24.82	27.90	24.94	24.99	27.98	24.93	24.97	27.96
	50	28	27.01	26.98	30.01	27.07	26.81	29.95	26.93	26.93	29.94
	50	56	24.97	25.06	28.03	25.02	24.95	28.00	25.01	25.09	28.06
	100	0	25.05	24.94	28.01	24.89	25.02	27.97	25.06	24.91	28.00
16QAM	1	1	26.03	26.09	29.07	26.04	25.95	29.01	26.02	25.93	28.99
64QAM	1	1	24.18	23.87	27.04	23.99	23.96	26.99	24.10	23.92	27.02
256QAM	1	1	18.01	18.46	21.25	18.01	18.40	21.22	18.17	18.55	21.37

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
BPSK	30.24	30.24	29.94	29.94	30
QPSK	27.90	30.23	27.60	29.93	30
16QAM	28.99	29.07	28.69	28.77	30
64QAM	26.99	27.04	26.69	26.74	30
256QAM	21.22	21.37	20.92	21.07	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) - MIMO, Channel Bandwidth: 50 MHz

Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)								
			CH 631668			CH 641666			CH 635000		
			3475.02 MHz			3624.99 MHz			3525 MHz		
			TX 1	TX 2	Total	TX 1	TX 2	Total	TX 1	TX 2	Total
BPSK	1	1	27.16	27.22	30.20	27.15	27.28	30.23	27.22	27.25	30.25
QPSK	1	1	27.10	27.16	30.14	27.05	27.09	30.08	27.15	27.22	30.20
	1	67	27.10	26.99	30.06	27.20	27.18	30.20	27.08	27.10	30.10
	1	131	27.04	27.09	30.08	26.97	26.98	29.99	27.03	26.97	30.01
	64	0	24.98	25.01	28.01	25.01	24.97	28.00	25.04	24.96	28.01
	64	35	26.97	26.83	29.91	26.89	26.91	29.91	27.02	26.80	29.92
	64	69	25.03	24.90	27.98	24.95	24.89	27.93	24.95	25.04	28.01
	128	0	25.08	24.92	28.01	25.01	25.01	28.02	25.05	24.86	27.97
16QAM	1	1	26.16	25.97	29.08	26.04	26.07	29.07	26.03	25.93	28.99
64QAM	1	1	24.13	24.01	27.08	24.18	23.87	27.04	24.17	23.99	27.09
256QAM	1	1	18.07	18.57	21.34	18.19	18.47	21.34	18.15	18.39	21.28

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
BPSK	30.20	30.25	29.90	29.95	30
QPSK	27.93	30.20	27.63	29.90	30
16QAM	28.99	29.08	28.69	28.78	30
64QAM	27.04	27.09	26.74	26.79	30
256QAM	21.28	21.34	20.98	21.04	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) - MIMO, Channel Bandwidth: 60 MHz

Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)								
			CH 632000			CH 641666			CH 634666		
			3480 MHz			3624.99 MHz			3519.99 MHz		
			TX 1	TX 2	Total	TX 1	TX 2	Total	TX 1	TX 2	Total
BPSK	1	1	27.27	27.16	30.23	27.22	27.20	30.22	27.20	27.20	30.21
QPSK	1	1	27.16	27.11	30.15	27.06	27.05	30.07	27.06	27.06	30.07
	1	81	27.17	27.04	30.12	27.19	27.09	30.15	27.19	27.11	30.16
	1	160	27.00	27.05	30.04	26.90	27.04	29.98	27.04	27.05	30.06
	81	0	25.01	24.96	28.00	25.11	24.88	28.01	25.04	24.88	27.97
	81	41	26.94	26.81	29.89	27.03	26.81	29.93	26.89	26.94	29.93
	81	81	24.86	24.96	27.92	24.87	25.05	27.97	24.93	24.91	27.93
	162	0	25.06	24.95	28.02	25.05	24.86	27.97	25.07	25.02	28.06
16QAM	1	1	25.99	26.04	29.03	25.98	26.01	29.01	26.11	25.98	29.06
64QAM	1	1	24.19	23.99	27.10	24.08	23.96	27.03	24.11	24.00	27.07
256QAM	1	1	18.18	18.42	21.31	18.07	18.43	21.26	18.15	18.46	21.32

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
BPSK	30.21	30.23	29.91	29.93	30
QPSK	27.92	30.16	27.62	29.86	30
16QAM	29.01	29.06	28.71	28.76	30
64QAM	27.03	27.10	26.73	26.80	30
256QAM	21.26	21.32	20.96	21.02	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) - MIMO, Channel Bandwidth: 70 MHz

Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)								
			CH 632334			CH 641666			CH 634332		
			3485.01 MHz			3624.99 MHz			3514.98 MHz		
			TX 1	TX 2	Total	TX 1	TX 2	Total	TX 1	TX 2	Total
BPSK	1	1	27.10	27.16	30.14	27.22	27.15	30.20	27.16	27.26	30.22
QPSK	1	1	27.02	27.04	30.04	27.06	27.22	30.15	27.11	27.12	30.13
	1	95	27.11	27.01	30.07	27.17	26.99	30.09	27.26	27.00	30.14
	1	187	27.02	26.96	30.00	26.95	27.12	30.05	27.05	27.03	30.05
	90	0	24.92	24.86	27.90	25.10	24.99	28.06	24.98	24.91	27.96
	90	50	26.93	26.95	29.95	26.88	26.90	29.90	26.98	26.92	29.96
	90	99	24.98	25.08	28.04	25.04	24.91	27.99	25.01	25.01	28.02
	180	0	25.01	24.87	27.95	25.03	24.94	28.00	25.05	24.99	28.03
16QAM	1	1	26.15	26.04	29.11	26.05	26.04	29.06	26.07	25.93	29.01
64QAM	1	1	24.03	23.90	26.98	24.18	23.97	27.09	24.12	23.95	27.05
256QAM	1	1	18.03	18.57	21.32	18.02	18.51	21.28	18.17	18.43	21.31

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
BPSK	30.14	30.22	29.84	29.92	30
QPSK	27.90	30.15	27.60	29.85	30
16QAM	29.01	29.11	28.71	28.81	30
64QAM	26.98	27.09	26.68	26.79	30
256QAM	21.28	21.32	20.98	21.02	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) - MIMO, Channel Bandwidth: 80 MHz

Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)								
			CH 632668			CH 641666			CH 634000		
			3490.02 MHz			3624.99 MHz			3510 MHz		
			TX 1	TX 2	Total	TX 1	TX 2	Total	TX 1	TX 2	Total
BPSK	1	1	27.15	27.35	30.26	27.26	27.21	30.25	27.20	27.30	30.26
QPSK	1	1	27.06	27.05	30.07	27.13	27.18	30.17	27.03	27.16	30.11
	1	109	27.20	27.08	30.15	27.21	27.05	30.14	27.16	27.13	30.16
	1	215	27.06	27.15	30.12	26.97	27.02	30.01	27.01	27.04	30.04
	108	0	24.98	24.86	27.93	25.00	24.89	27.96	24.94	25.00	27.98
	108	55	27.03	26.96	30.01	26.88	26.96	29.93	27.05	26.82	29.95
	108	109	25.00	25.09	28.06	25.00	25.05	28.04	24.85	25.01	27.94
	216	0	24.89	24.90	27.91	25.08	24.94	28.02	24.95	25.00	27.99
16QAM	1	1	26.10	25.90	29.01	26.07	25.92	29.01	26.05	26.01	29.04
64QAM	1	1	24.12	23.91	27.03	24.10	23.95	27.04	24.19	24.03	27.12
256QAM	1	1	18.08	18.52	21.32	18.14	18.47	21.32	18.10	18.52	21.33

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
BPSK	30.25	30.26	29.95	29.96	30
QPSK	27.91	30.17	27.61	29.87	30
16QAM	29.01	29.04	28.71	28.74	30
64QAM	27.03	27.12	26.73	26.82	30
256QAM	21.32	21.33	21.02	21.03	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) - MIMO, Channel Bandwidth: 90 MHz

Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)								
			CH 633000			CH 641666			CH 633666		
			3495 MHz			3624.99 MHz			3504.99 MHz		
			TX 1	TX 2	Total	TX 1	TX 2	Total	TX 1	TX 2	Total
BPSK	1	1	27.09	27.17	30.14	27.26	27.15	30.22	27.20	27.30	30.26
QPSK	1	1	27.18	27.12	30.16	26.98	27.23	30.12	27.12	27.11	30.13
	1	123	27.07	27.18	30.14	27.16	27.16	30.17	27.11	26.99	30.06
	1	243	27.07	27.16	30.13	26.91	27.02	29.98	26.97	26.96	29.98
	120	0	24.96	25.00	27.99	24.91	24.86	27.90	25.10	24.96	28.04
	120	63	26.94	26.97	29.97	27.00	26.95	29.99	27.06	26.99	30.04
	120	125	24.86	25.00	27.94	25.05	25.07	28.07	24.93	24.92	27.94
	243	0	24.90	25.02	27.97	24.93	24.92	27.94	25.01	25.01	28.02
16QAM	1	1	26.10	26.08	29.10	25.97	25.92	28.96	26.15	25.92	29.05
64QAM	1	1	24.08	24.03	27.07	24.06	24.03	27.06	24.13	23.99	27.07
256QAM	1	1	18.11	18.49	21.31	18.05	18.40	21.24	18.12	18.50	21.32

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
BPSK	30.14	30.26	29.84	29.96	30
QPSK	27.90	30.17	27.60	29.87	30
16QAM	28.96	29.10	28.66	28.80	30
64QAM	27.06	27.07	26.76	26.77	30
256QAM	21.24	21.32	20.94	21.02	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) - MIMO, Channel Bandwidth: 100 MHz

Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)		
			CH 633334		
			3500.01 MHz		
			TX 1	TX 2	Total
BPSK	1	1	27.12	27.10	30.12
QPSK	1	1	27.13	27.18	30.17
	1	137	27.25	27.30	30.29
	1	271	27.05	27.11	30.09
	135	0	25.06	24.97	28.03
	135	69	27.02	26.95	30.00
	135	138	25.00	25.04	28.03
	270	0	25.03	25.01	28.03
16QAM	1	1	26.12	26.05	29.10
64QAM	1	1	24.14	24.02	27.09
256QAM	1	1	18.16	18.53	21.36

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
BPSK	30.12	30.12	29.82	29.82	30
QPSK	28.03	30.29	27.73	29.99	30
16QAM	29.10	29.10	28.80	28.80	30
64QAM	27.09	27.09	26.79	26.79	30
256QAM	21.36	21.36	21.06	21.06	30

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

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

NR n77 SCS 30 kHz (3.7 GHz ~ 3.98 GHz) - Ant 0, 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
DFT-S BPSK	1	1	26.06	26.23	26.05
DFT-S QPSK	1	1	26.07	26.06	26.05
	1	12	26.10	26.04	25.98
	1	23	26.01	26.12	25.97
	12	0	24.41	24.59	24.45
	12	6	26.13	26.13	26.15
	12	13	24.57	24.65	24.43
	24	0	24.40	24.48	24.33
DFT-S 16QAM	1	1	25.12	25.18	25.05
DFT-S 64QAM	1	1	23.83	23.85	23.84
CP 256QAM	1	1	18.62	18.77	18.65
CP QPSK	1	1	24.85	24.94	24.86

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
DFT-S BPSK	26.05	26.23	25.75	25.93	30
DFT-S QPSK	24.33	26.15	24.03	25.85	30
DFT-S 16QAM	25.05	25.18	24.75	24.88	30
DFT-S 64QAM	23.83	23.85	23.53	23.55	30
CP 256QAM	18.62	18.77	18.32	18.47	30
CP QPSK	24.85	24.94	24.55	24.64	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) - Ant 0, 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
DFT-S BPSK	1	1	26.14	26.21	26.14
DFT-S QPSK	1	1	26.08	26.04	26.04
	1	19	25.97	26.10	26.04
	1	37	25.95	26.19	26.11
	19	0	24.53	24.57	24.41
	19	9	26.13	26.21	26.07
	19	18	24.48	24.62	24.45
	38	0	24.37	24.50	24.29
DFT-S 16QAM	1	1	25.08	25.12	25.15
DFT-S 64QAM	1	1	23.89	23.97	23.80
CP 256QAM	1	1	18.76	18.70	18.62
CP QPSK	1	1	24.88	25.01	24.92

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
DFT-S BPSK	26.14	26.21	25.84	25.91	30
DFT-S QPSK	24.29	26.21	23.99	25.91	30
DFT-S 16QAM	25.08	25.15	24.78	24.85	30
DFT-S 64QAM	23.80	23.97	23.50	23.67	30
CP 256QAM	18.62	18.76	18.32	18.46	30
CP QPSK	24.88	25.01	24.58	24.71	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) - Ant 0, 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
DFT-S BPSK	1	1	26.02	26.23	26.08
DFT-S QPSK	1	1	25.97	26.12	25.99
	1	26	26.02	26.11	25.99
	1	49	25.99	26.07	26.09
	25	0	24.49	24.61	24.47
	25	13	26.16	26.13	26.08
	25	26	24.45	24.61	24.50
	50	0	24.27	24.49	24.45
DFT-S 16QAM	1	1	25.07	25.16	25.04
DFT-S 64QAM	1	1	23.88	23.83	23.81
CP 256QAM	1	1	18.76	18.82	18.69
CP QPSK	1	1	24.94	24.98	24.89

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
DFT-S BPSK	26.02	26.23	25.72	25.93	30
DFT-S QPSK	24.27	26.16	23.97	25.86	30
DFT-S 16QAM	25.04	25.16	24.74	24.86	30
DFT-S 64QAM	23.81	23.88	23.51	23.58	30
CP 256QAM	18.69	18.82	18.39	18.52	30
CP QPSK	24.89	24.98	24.59	24.68	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) - Ant 0, 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
DFT-S BPSK	1	1	26.05	26.25	26.05
DFT-S QPSK	1	1	26.02	26.13	25.95
	1	33	25.96	26.15	26.05
	1	63	26.13	26.14	26.03
	32	0	24.43	24.50	24.38
	32	17	26.07	26.14	25.98
	32	33	24.53	24.57	24.44
	64	0	24.45	24.53	24.35
DFT-S 16QAM	1	1	24.99	25.13	25.12
DFT-S 64QAM	1	1	23.75	23.90	23.81
CP 256QAM	1	1	18.61	18.83	18.67
CP QPSK	1	1	24.82	25.00	24.83

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
DFT-S BPSK	26.05	26.25	25.75	25.95	30
DFT-S QPSK	24.35	26.15	24.05	25.85	30
DFT-S 16QAM	24.99	25.13	24.69	24.83	30
DFT-S 64QAM	23.75	23.90	23.45	23.60	30
CP 256QAM	18.61	18.83	18.31	18.53	30
CP QPSK	24.82	25.00	24.52	24.70	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) - Ant 0, 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
DFT-S BPSK	1	1	26.06	26.24	26.14
DFT-S QPSK	1	1	26.11	26.11	26.08
	1	39	25.87	26.14	25.95
	1	76	26.05	26.13	26.04
	36	0	24.44	24.51	24.51
	36	21	26.09	26.10	26.10
	36	42	24.52	24.64	24.48
	75	0	24.42	24.47	24.34
DFT-S 16QAM	1	1	25.00	25.12	25.10
DFT-S 64QAM	1	1	23.76	23.98	23.91
CP 256QAM	1	1	18.62	18.80	18.58
CP QPSK	1	1	24.81	24.99	24.82

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
DFT-S BPSK	26.06	26.24	25.76	25.94	30
DFT-S QPSK	24.34	26.14	24.04	25.84	30
DFT-S 16QAM	25.00	25.12	24.70	24.82	30
DFT-S 64QAM	23.76	23.98	23.46	23.68	30
CP 256QAM	18.58	18.80	18.28	18.50	30
CP QPSK	24.81	24.99	24.51	24.69	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) - Ant 0, 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
DFT-S BPSK	1	1	26.05	26.12	26.06
DFT-S QPSK	1	1	25.96	26.13	25.87
	1	53	26.03	26.07	26.00
	1	104	25.99	26.21	26.00
	50	0	24.54	24.55	24.42
	50	28	26.06	26.25	26.01
	50	56	24.49	24.64	24.39
	100	0	24.49	24.53	24.43
DFT-S 16QAM	1	1	25.01	25.09	24.96
DFT-S 64QAM	1	1	23.86	23.90	23.75
CP 256QAM	1	1	18.68	18.72	18.70
CP QPSK	1	1	24.96	25.03	24.81

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
DFT-S BPSK	26.05	26.12	25.75	25.82	30
DFT-S QPSK	24.39	26.25	24.09	25.95	30
DFT-S 16QAM	24.96	25.09	24.66	24.79	30
DFT-S 64QAM	23.75	23.90	23.45	23.60	30
CP 256QAM	18.68	18.72	18.38	18.42	30
CP QPSK	24.81	25.03	24.51	24.73	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) - Ant 0, 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
DFT-S BPSK	1	1	26.14	26.20	26.17
DFT-S QPSK	1	1	25.99	26.05	25.91
	1	67	26.07	26.08	26.01
	1	131	26.16	26.16	26.01
	64	0	24.46	24.62	24.50
	64	35	26.13	26.13	26.07
	64	69	24.46	24.61	24.57
	128	0	24.51	24.54	24.40
DFT-S 16QAM	1	1	25.09	25.11	25.06
DFT-S 64QAM	1	1	23.82	23.85	23.72
CP 256QAM	1	1	18.60	18.80	18.62
CP QPSK	1	1	24.92	24.96	24.89

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
DFT-S BPSK	26.14	26.20	25.84	25.90	30
DFT-S QPSK	24.40	26.16	24.10	25.86	30
DFT-S 16QAM	25.06	25.11	24.76	24.81	30
DFT-S 64QAM	23.72	23.85	23.42	23.55	30
CP 256QAM	18.60	18.80	18.30	18.50	30
CP QPSK	24.89	24.96	24.59	24.66	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) - Ant 0, 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
DFT-S BPSK	1	1	26.04	26.10	26.19
DFT-S QPSK	1	1	25.95	26.12	26.04
	1	81	25.98	26.04	25.98
	1	160	26.16	26.08	26.07
	81	0	24.42	24.64	24.44
	81	41	25.97	26.25	26.04
	81	81	24.55	24.57	24.53
	162	0	24.41	24.44	24.45
DFT-S 16QAM	1	1	25.05	25.14	25.02
DFT-S 64QAM	1	1	23.81	23.93	23.76
CP 256QAM	1	1	18.58	18.74	18.60
CP QPSK	1	1	24.83	24.93	24.84

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
DFT-S BPSK	26.04	26.19	25.74	25.89	30
DFT-S QPSK	24.41	26.25	24.11	25.95	30
DFT-S 16QAM	25.02	25.14	24.72	24.84	30
DFT-S 64QAM	23.76	23.93	23.46	23.63	30
CP 256QAM	18.58	18.74	18.28	18.44	30
CP QPSK	24.83	24.93	24.53	24.63	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) - Ant 0, 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
DFT-S BPSK	1	1	26.09	26.19	26.06
DFT-S QPSK	1	1	25.94	26.15	25.96
	1	95	25.96	26.02	25.90
	1	187	26.07	26.18	26.12
	90	0	24.44	24.64	24.39
	90	50	26.09	26.12	26.13
	90	99	24.53	24.58	24.54
	180	0	24.39	24.46	24.40
DFT-S 16QAM	1	1	25.09	25.16	25.12
DFT-S 64QAM	1	1	23.81	23.96	23.82
CP 256QAM	1	1	18.71	18.72	18.64
CP QPSK	1	1	24.76	24.95	24.86

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
DFT-S BPSK	26.06	26.19	25.76	25.89	30
DFT-S QPSK	24.39	26.18	24.09	25.88	30
DFT-S 16QAM	25.09	25.16	24.79	24.86	30
DFT-S 64QAM	23.81	23.96	23.51	23.66	30
CP 256QAM	18.64	18.72	18.34	18.42	30
CP QPSK	24.76	24.95	24.46	24.65	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) - Ant 0, 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
DFT-S BPSK	1	1	26.05	26.21	26.10
DFT-S QPSK	1	1	26.02	26.15	26.04
	1	109	26.05	26.10	25.92
	1	215	26.02	26.18	26.06
	108	0	24.44	24.53	24.51
	108	55	26.09	26.12	26.09
	108	109	24.51	24.57	24.55
	216	0	24.46	24.45	24.46
DFT-S 16QAM	1	1	25.07	25.19	24.95
DFT-S 64QAM	1	1	23.82	23.96	23.89
CP 256QAM	1	1	18.72	18.78	18.66
CP QPSK	1	1	24.80	24.94	24.83

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
DFT-S BPSK	26.05	26.21	25.75	25.91	30
DFT-S QPSK	24.44	26.18	24.14	25.88	30
DFT-S 16QAM	24.95	25.19	24.65	24.89	30
DFT-S 64QAM	23.82	23.96	23.52	23.66	30
CP 256QAM	18.66	18.78	18.36	18.48	30
CP QPSK	24.80	24.94	24.50	24.64	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) - Ant 0, 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
DFT-S BPSK	1	1	26.08	26.11	26.01
DFT-S QPSK	1	1	25.99	26.05	25.93
	1	123	25.98	26.16	26.04
	1	243	26.07	26.19	26.00
	120	0	24.47	24.50	24.47
	120	63	26.05	26.12	26.10
	120	125	24.55	24.65	24.45
	243	0	24.36	24.42	24.33
DFT-S 16QAM	1	1	25.04	25.19	24.95
DFT-S 64QAM	1	1	23.78	23.94	23.75
CP 256QAM	1	1	18.67	18.68	18.66
CP QPSK	1	1	24.85	25.03	24.94

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
DFT-S BPSK	26.01	26.11	25.71	25.81	30
DFT-S QPSK	24.33	26.19	24.03	25.89	30
DFT-S 16QAM	24.95	25.19	24.65	24.89	30
DFT-S 64QAM	23.75	23.94	23.45	23.64	30
CP 256QAM	18.66	18.68	18.36	18.38	30
CP QPSK	24.85	25.03	24.55	24.73	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) - Ant 0, 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
DFT-S BPSK	1	1	26.17	26.30	26.20
DFT-S QPSK	1	1	26.07	26.32	26.12
	1	137	26.09	26.21	26.09
	1	271	26.20	26.27	26.14
	135	0	24.61	24.69	24.63
	135	69	26.19	26.30	26.16
	135	138	24.67	24.72	24.61
	270	0	24.55	24.62	24.50
DFT-S 16QAM	1	1	25.21	25.29	25.15
DFT-S 64QAM	1	1	23.94	24.03	23.88
CP 256QAM	1	1	18.81	18.88	18.76
CP QPSK	1	1	24.99	25.08	24.95

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
DFT-S BPSK	26.17	26.30	25.87	26.00	30
DFT-S QPSK	24.50	26.32	24.20	26.02	30
DFT-S 16QAM	25.15	25.29	24.85	24.99	30
DFT-S 64QAM	23.88	24.03	23.58	23.73	30
CP 256QAM	18.76	18.88	18.46	18.58	30
CP QPSK	24.95	25.08	24.65	24.78	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) - MIMO, 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		
			TX 1	TX 2	Total	TX 1	TX 2	Total	TX 1	TX 2	Total
BPSK	1	1	27.04	27.16	30.11	27.08	27.31	30.21	27.02	27.28	30.16
QPSK	1	1	26.91	26.99	29.96	26.95	27.11	30.04	26.99	27.06	30.04
	1	12	26.96	26.97	29.98	27.03	27.07	30.06	26.92	27.12	30.03
	1	23	27.00	26.89	29.96	27.01	26.88	29.96	27.08	26.87	29.99
	12	0	25.29	25.28	28.30	25.44	25.26	28.36	25.44	25.36	28.41
	12	6	26.61	26.43	29.53	26.65	26.52	29.60	26.55	26.58	29.58
	12	12	25.34	25.41	28.39	25.41	25.31	28.37	25.50	25.28	28.40
	24	0	25.24	25.01	28.14	25.08	24.97	28.04	25.17	24.98	28.09
16QAM	1	1	25.97	25.95	28.97	25.96	25.96	28.97	26.06	25.83	28.96
64QAM	1	1	23.82	23.87	26.86	23.81	23.88	26.86	23.86	23.78	26.83
256QAM	1	1	18.51	18.52	21.53	18.35	18.48	21.43	18.50	18.51	21.52

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
BPSK	30.11	30.21	29.81	29.91	30
QPSK	28.04	30.06	27.74	29.76	30
16QAM	28.96	28.97	28.66	28.67	30
64QAM	26.83	26.86	26.53	26.56	30
256QAM	21.43	21.53	21.13	21.23	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) - MIMO, 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		
			TX 1	TX 2	Total	TX 1	TX 2	Total	TX 1	TX 2	Total
BPSK	1	1	27.14	27.20	30.18	27.03	27.22	30.14	27.18	27.19	30.20
QPSK	1	1	27.08	27.03	30.07	27.00	26.97	30.00	26.94	27.13	30.05
	1	19	26.84	27.12	29.99	26.84	27.13	30.00	26.90	27.02	29.97
	1	37	26.98	26.88	29.94	27.09	26.95	30.03	27.00	26.91	29.97
	19	0	25.47	25.43	28.46	25.31	25.35	28.34	25.29	25.25	28.28
	19	9	26.66	26.56	29.62	26.63	26.54	29.60	26.67	26.58	29.64
	19	18	25.43	25.37	28.41	25.48	25.23	28.37	25.49	25.22	28.37
	38	0	25.07	25.13	28.11	25.07	24.97	28.03	25.06	25.03	28.06
16QAM	1	1	26.00	25.85	28.94	26.07	25.87	28.98	25.99	25.96	28.99
64QAM	1	1	24.01	23.81	26.92	23.99	23.79	26.90	23.90	23.92	26.92
256QAM	1	1	18.37	18.40	21.40	18.50	18.50	21.51	18.34	18.50	21.43

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
BPSK	30.14	30.20	29.84	29.90	30
QPSK	28.03	30.07	27.73	29.77	30
16QAM	28.94	28.99	28.64	28.69	30
64QAM	26.90	26.92	26.60	26.62	30
256QAM	21.40	21.51	21.10	21.21	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) - MIMO, 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		
			TX 1	TX 2	Total	TX 1	TX 2	Total	TX 1	TX 2	Total
BPSK	1	1	27.07	27.33	30.21	27.19	27.18	30.20	27.13	27.29	30.22
QPSK	1	1	26.97	27.05	30.02	26.93	27.04	30.00	27.08	27.05	30.08
	1	26	26.90	26.99	29.96	26.98	27.11	30.06	26.99	27.09	30.05
	1	49	27.08	27.00	30.05	27.11	26.89	30.01	27.02	26.93	29.99
	25	0	25.39	25.37	28.39	25.29	25.35	28.33	25.41	25.40	28.42
	25	13	26.61	26.51	29.57	26.69	26.44	29.58	26.62	26.56	29.60
	25	26	25.36	25.41	28.40	25.30	25.25	28.29	25.44	25.26	28.36
	50	0	25.23	25.13	28.19	25.18	25.02	28.11	25.15	25.08	28.13
16QAM	1	1	26.07	25.94	29.02	26.07	25.86	28.98	25.99	25.91	28.96
64QAM	1	1	23.83	23.93	26.89	23.81	23.76	26.80	24.01	23.90	26.97
256QAM	1	1	18.40	18.38	21.40	18.32	18.39	21.37	18.38	18.54	21.47

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
BPSK	30.20	30.22	29.90	29.92	30
QPSK	28.11	30.08	27.81	29.78	30
16QAM	28.96	29.02	28.66	28.72	30
64QAM	26.80	26.97	26.50	26.67	30
256QAM	21.37	21.47	21.07	21.17	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) - MIMO, 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		
			TX 1	TX 2	Total	TX 1	TX 2	Total	TX 1	TX 2	Total
BPSK	1	1	27.18	27.18	30.19	27.14	27.18	30.17	27.02	27.18	30.11
QPSK	1	1	26.92	27.15	30.05	27.09	26.98	30.05	27.08	27.06	30.08
	1	33	27.01	26.99	30.01	27.03	26.99	30.02	26.84	26.99	29.93
	1	63	27.08	26.88	29.99	27.10	26.99	30.06	27.16	26.97	30.08
	32	0	25.39	25.37	28.39	25.32	25.32	28.33	25.35	25.25	28.31
	32	17	26.58	26.48	29.54	26.63	26.41	29.53	26.66	26.43	29.56
	32	33	25.36	25.41	28.40	25.33	25.28	28.32	25.43	25.26	28.36
	64	0	25.23	25.07	28.16	25.24	24.97	28.12	25.25	25.08	28.18
16QAM	1	1	25.97	25.97	28.98	26.07	25.90	29.00	26.03	25.82	28.94
64QAM	1	1	23.98	23.73	26.87	24.01	23.85	26.94	23.87	23.79	26.84
256QAM	1	1	18.33	18.44	21.40	18.45	18.38	21.43	18.38	18.44	21.42

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
BPSK	30.11	30.19	29.81	29.89	30
QPSK	28.12	30.08	27.82	29.78	30
16QAM	28.94	29.00	28.64	28.70	30
64QAM	26.84	26.94	26.54	26.64	30
256QAM	21.40	21.43	21.10	21.13	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) - MIMO, 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		
			TX 1	TX 2	Total	TX 1	TX 2	Total	TX 1	TX 2	Total
BPSK	1	1	27.18	27.13	30.17	27.21	27.19	30.21	27.05	27.23	30.15
QPSK	1	1	27.03	27.15	30.10	26.89	27.02	29.97	26.89	27.01	29.96
	1	39	26.96	26.98	29.98	26.99	27.13	30.07	26.97	26.93	29.96
	1	76	27.06	26.86	29.97	27.06	26.93	30.01	27.03	26.94	30.00
	36	0	25.36	25.44	28.41	25.49	25.36	28.44	25.32	25.41	28.38
	36	21	26.64	26.41	29.54	26.72	26.40	29.57	26.71	26.58	29.66
	36	42	25.40	25.30	28.36	25.48	25.25	28.38	25.47	25.41	28.45
	75	0	25.08	25.17	28.14	25.13	25.15	28.15	25.11	25.02	28.08
16QAM	1	1	25.93	25.88	28.92	25.87	25.82	28.86	26.05	25.82	28.95
64QAM	1	1	23.98	23.88	26.94	23.96	23.81	26.90	23.94	23.92	26.94
256QAM	1	1	18.40	18.39	21.41	18.52	18.47	21.51	18.39	18.38	21.40

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
BPSK	30.15	30.21	29.85	29.91	30
QPSK	28.08	30.10	27.78	29.80	30
16QAM	28.86	28.95	28.56	28.65	30
64QAM	26.90	26.94	26.60	26.64	30
256QAM	21.40	21.51	21.10	21.21	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) - MIMO, 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		
			TX 1	TX 2	Total	TX 1	TX 2	Total	TX 1	TX 2	Total
BPSK	1	1	27.04	27.21	30.14	27.09	27.13	30.12	27.15	27.26	30.22
QPSK	1	1	27.03	27.01	30.03	26.98	27.01	30.01	26.95	27.01	29.99
	1	53	26.97	26.98	29.99	26.91	26.96	29.95	26.93	26.98	29.97
	1	104	27.09	26.91	30.01	27.02	26.85	29.95	27.03	27.01	30.03
	50	0	25.32	25.36	28.35	25.34	25.29	28.33	25.38	25.35	28.38
	50	28	26.56	26.47	29.53	26.57	26.39	29.49	26.63	26.41	29.53
	50	56	25.47	25.34	28.42	25.39	25.39	28.40	25.49	25.35	28.43
	100	0	25.14	25.05	28.11	25.07	25.00	28.05	25.22	25.06	28.15
16QAM	1	1	25.88	25.94	28.92	26.01	25.93	28.98	25.92	25.85	28.90
64QAM	1	1	23.89	23.91	26.91	24.01	23.75	26.89	23.86	23.81	26.85
256QAM	1	1	18.43	18.49	21.47	18.38	18.55	21.48	18.39	18.52	21.47

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
BPSK	30.12	30.22	29.82	29.92	30
QPSK	28.05	30.03	27.75	29.73	30
16QAM	28.90	28.98	28.60	28.68	30
64QAM	26.85	26.91	26.55	26.61	30
256QAM	21.47	21.48	21.17	21.18	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) - MIMO, 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		
			TX 1	TX 2	Total	TX 1	TX 2	Total	TX 1	TX 2	Total
BPSK	1	1	27.14	27.12	30.14	27.11	27.18	30.16	27.08	27.21	30.16
QPSK	1	1	27.07	27.13	30.11	27.01	26.95	29.99	26.93	27.03	29.99
	1	67	26.92	27.03	29.99	26.83	27.11	29.98	26.92	27.01	29.98
	1	131	27.10	26.86	29.99	26.97	26.90	29.95	27.15	26.87	30.02
	64	0	25.42	25.30	28.37	25.37	25.25	28.32	25.41	25.33	28.38
	64	35	26.60	26.48	29.55	26.60	26.51	29.57	26.56	26.53	29.56
	64	69	25.41	25.41	28.42	25.39	25.35	28.38	25.45	25.24	28.36
	128	0	25.12	25.14	28.14	25.24	25.16	28.21	25.17	25.06	28.13
16QAM	1	1	25.90	25.93	28.93	25.92	25.83	28.89	25.99	26.01	29.01
64QAM	1	1	23.95	23.81	26.89	23.83	23.86	26.86	23.93	23.76	26.86
256QAM	1	1	18.33	18.52	21.44	18.48	18.53	21.52	18.41	18.43	21.43

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
BPSK	30.14	30.16	29.84	29.86	30
QPSK	28.13	30.11	27.83	29.81	30
16QAM	28.89	29.01	28.59	28.71	30
64QAM	26.86	26.89	26.56	26.59	30
256QAM	21.43	21.52	21.13	21.22	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) - MIMO, 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		
			TX 1	TX 2	Total	TX 1	TX 2	Total	TX 1	TX 2	Total
BPSK	1	1	27.06	27.13	30.11	27.04	27.15	30.11	27.15	27.26	30.22
QPSK	1	1	26.95	27.09	30.03	27.00	26.96	29.99	27.07	27.14	30.12
	1	81	27.03	27.00	30.03	27.03	27.03	30.04	26.83	27.09	29.97
	1	160	26.98	26.91	29.96	27.02	27.01	30.03	26.99	26.89	29.95
	81	0	25.44	25.38	28.42	25.29	25.35	28.33	25.32	25.37	28.36
	81	41	26.54	26.43	29.50	26.73	26.46	29.61	26.58	26.56	29.58
	81	81	25.47	25.21	28.35	25.47	25.23	28.36	25.32	25.36	28.35
	162	0	25.16	25.09	28.14	25.20	25.08	28.15	25.14	25.17	28.17
16QAM	1	1	25.98	25.99	29.00	25.97	25.94	28.97	26.04	25.95	29.01
64QAM	1	1	23.83	23.77	26.81	23.86	23.84	26.86	23.99	23.81	26.91
256QAM	1	1	18.40	18.44	21.43	18.47	18.58	21.54	18.47	18.56	21.53

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
BPSK	30.11	30.22	29.81	29.92	30
QPSK	28.14	30.12	27.84	29.82	30
16QAM	28.97	29.01	28.67	28.71	30
64QAM	26.81	26.91	26.51	26.61	30
256QAM	21.43	21.54	21.13	21.24	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) - MIMO, 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		
			TX 1	TX 2	Total	TX 1	TX 2	Total	TX 1	TX 2	Total
BPSK	1	1	27.10	27.21	30.17	27.08	27.24	30.17	27.14	27.26	30.21
QPSK	1	1	27.04	27.02	30.04	27.07	26.96	30.03	27.04	26.98	30.02
	1	95	27.01	26.93	29.98	26.94	27.05	30.01	26.98	27.07	30.04
	1	187	26.97	26.99	29.99	27.15	27.02	30.10	27.14	26.92	30.04
	90	0	25.38	25.34	28.37	25.45	25.37	28.42	25.45	25.26	28.37
	90	50	26.66	26.54	29.61	26.56	26.48	29.53	26.56	26.45	29.52
	90	99	25.38	25.40	28.40	25.41	25.24	28.34	25.43	25.37	28.41
	180	0	25.11	25.11	28.12	25.14	25.00	28.08	25.10	25.08	28.10
16QAM	1	1	26.05	25.92	29.00	25.92	25.85	28.90	25.93	25.91	28.93
64QAM	1	1	23.95	23.93	26.95	23.84	23.78	26.82	23.83	23.83	26.84
256QAM	1	1	18.50	18.51	21.52	18.52	18.54	21.54	18.34	18.45	21.41

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
BPSK	30.17	30.21	29.87	29.91	30
QPSK	28.08	30.10	27.78	29.80	30
16QAM	28.90	29.00	28.60	28.70	30
64QAM	26.82	26.95	26.52	26.65	30
256QAM	21.41	21.54	21.11	21.24	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) - MIMO, 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		
			TX 1	TX 2	Total	TX 1	TX 2	Total	TX 1	TX 2	Total
BPSK	1	1	27.01	27.26	30.15	27.10	27.24	30.18	27.06	27.26	30.17
QPSK	1	1	26.91	27.09	30.01	26.99	27.07	30.04	26.91	27.09	30.01
	1	109	27.01	27.01	30.02	26.97	27.08	30.04	27.00	26.95	29.99
	1	215	27.05	26.88	29.98	27.15	27.00	30.09	27.04	26.97	30.02
	108	0	25.38	25.36	28.38	25.33	25.37	28.36	25.43	25.31	28.38
	108	55	26.65	26.59	29.63	26.64	26.39	29.53	26.58	26.58	29.59
	108	109	25.37	25.36	28.38	25.32	25.39	28.37	25.31	25.23	28.28
	216	0	25.24	25.15	28.21	25.13	25.05	28.10	25.10	25.04	28.08
16QAM	1	1	25.98	25.90	28.95	26.00	26.01	29.02	26.02	25.99	29.02
64QAM	1	1	23.83	23.79	26.82	23.98	23.91	26.96	23.85	23.80	26.84
256QAM	1	1	18.35	18.50	21.44	18.40	18.52	21.47	18.34	18.55	21.46

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
BPSK	30.15	30.18	29.85	29.88	30
QPSK	28.08	30.09	27.78	29.79	30
16QAM	28.95	29.02	28.65	28.72	30
64QAM	26.82	26.96	26.52	26.66	30
256QAM	21.44	21.47	21.14	21.17	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) - MIMO, 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		
			TX 1	TX 2	Total	TX 1	TX 2	Total	TX 1	TX 2	Total
BPSK	1	1	27.08	27.15	30.13	27.12	27.23	30.19	27.08	27.27	30.19
QPSK	1	1	27.00	27.04	30.03	26.91	27.06	30.00	27.05	27.06	30.07
	1	123	26.84	26.94	29.90	26.91	27.02	29.98	26.96	26.93	29.96
	1	243	27.03	26.97	30.01	27.11	27.03	30.08	27.10	27.05	30.09
	120	0	25.45	25.37	28.42	25.39	25.37	28.39	25.44	25.27	28.37
	120	63	26.64	26.59	29.63	26.64	26.54	29.60	26.72	26.47	29.61
	120	125	25.32	25.34	28.34	25.31	25.22	28.28	25.34	25.29	28.33
	243	0	25.13	24.98	28.07	25.11	25.14	28.14	25.23	25.07	28.16
16QAM	1	1	26.04	25.92	28.99	25.99	25.99	29.00	25.96	25.90	28.94
64QAM	1	1	23.92	23.91	26.93	23.91	23.92	26.93	23.95	23.73	26.85
256QAM	1	1	18.39	18.38	21.40	18.40	18.58	21.50	18.35	18.39	21.38

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
BPSK	30.13	30.19	29.83	29.89	30
QPSK	28.07	30.09	27.77	29.79	30
16QAM	28.94	29.00	28.64	28.70	30
64QAM	26.85	26.93	26.55	26.63	30
256QAM	21.38	21.50	21.08	21.20	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) - MIMO, 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		
			TX 1	TX 2	Total	TX 1	TX 2	Total	TX 1	TX 2	Total
BPSK	1	1	27.03	27.05	30.05	27.06	27.18	30.13	27.23	27.01	30.13
QPSK	1	1	26.98	27.01	30.01	27.14	27.30	30.23	26.94	27.02	29.99
	1	137	27.07	27.18	30.14	26.98	27.08	30.04	26.90	27.02	29.97
	1	271	27.22	27.09	30.17	27.12	27.00	30.07	27.20	26.90	30.06
	135	0	25.51	25.32	28.43	25.44	25.39	28.43	25.45	25.42	28.45
	135	69	26.62	26.52	29.58	26.69	26.54	29.63	26.69	26.59	29.65
	135	138	25.46	25.41	28.45	25.45	25.36	28.42	25.38	25.26	28.33
	270	0	25.11	25.11	28.12	25.20	25.12	28.17	25.23	25.10	28.18
16QAM	1	1	25.95	25.90	28.94	26.02	25.97	29.01	25.96	25.94	28.96
64QAM	1	1	23.93	23.93	26.94	23.96	23.88	26.93	23.89	23.89	26.90
256QAM	1	1	18.46	18.62	21.55	18.47	18.53	21.51	18.46	18.63	21.56

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
BPSK	30.05	30.13	29.75	29.83	30
QPSK	28.12	30.23	27.82	29.93	30
16QAM	28.94	29.01	28.64	28.71	30
64QAM	26.90	26.94	26.60	26.64	30
256QAM	21.51	21.56	21.21	21.26	30

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

7.1.11 NR n78 SCS 30 kHz (3.45 GHz ~ 3.55 GHz)

NR n78 SCS 30 kHz (3.45 GHz ~ 3.55 GHz) - Ant 0, 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
DFT-S BPSK	1	1	23.83	23.84	23.82
DFT-S QPSK	1	1	23.66	23.82	23.75
	1	12	23.60	23.76	23.64
	1	23	23.64	23.73	23.65
	12	0	23.08	23.21	23.15
	12	6	24.28	24.46	24.41
	12	13	22.98	23.11	22.95
	24	0	23.03	23.06	23.09
DFT-S 16QAM	1	1	22.77	23.00	22.75
DFT-S 64QAM	1	1	21.60	21.61	21.45
CP 256QAM	1	1	17.54	17.58	17.51
CP QPSK	1	1	22.35	22.51	22.41

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
DFT-S BPSK	23.82	23.84	23.52	23.54	30
DFT-S QPSK	22.95	24.46	22.65	24.16	30
DFT-S 16QAM	22.75	23.00	22.45	22.70	30
DFT-S 64QAM	21.45	21.61	21.15	21.31	30
CP 256QAM	17.51	17.58	17.21	17.28	30
CP QPSK	22.35	22.51	22.05	22.21	30

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

NR n78 SCS 30 kHz (3.45 GHz ~ 3.55 GHz) - Ant 0, 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
DFT-S BPSK	1	1	23.74	23.87	23.84
DFT-S QPSK	1	1	23.74	23.79	23.75
	1	19	23.59	23.68	23.69
	1	37	23.67	23.80	23.60
	19	0	23.01	23.09	23.13
	19	9	24.26	24.34	24.29
	19	18	22.99	23.06	23.09
	38	0	23.06	23.13	23.03
DFT-S 16QAM	1	1	22.82	22.97	22.78
DFT-S 64QAM	1	1	21.45	21.59	21.56
CP 256QAM	1	1	17.50	17.64	17.52
CP QPSK	1	1	22.51	22.48	22.35

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
DFT-S BPSK	23.74	23.87	23.44	23.57	30
DFT-S QPSK	22.99	24.34	22.69	24.04	30
DFT-S 16QAM	22.78	22.97	22.48	22.67	30
DFT-S 64QAM	21.45	21.59	21.15	21.29	30
CP 256QAM	17.50	17.64	17.20	17.34	30
CP QPSK	22.35	22.51	22.05	22.21	30

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

NR n78 SCS 30 kHz (3.45 GHz ~ 3.55 GHz) - Ant 0, 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
DFT-S BPSK	1	1	23.81	23.87	23.74
DFT-S QPSK	1	1	23.69	23.76	23.60
	1	26	23.56	23.82	23.73
	1	49	23.71	23.80	23.71
	25	0	23.04	23.09	23.10
	25	13	24.24	24.43	24.40
	25	26	22.92	23.07	23.05
	50	0	23.06	23.07	22.97
DFT-S 16QAM	1	1	22.85	22.96	22.81
DFT-S 64QAM	1	1	21.46	21.67	21.45
CP 256QAM	1	1	17.58	17.57	17.51
CP QPSK	1	1	22.48	22.47	22.48

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
DFT-S BPSK	23.74	23.87	23.44	23.57	30
DFT-S QPSK	22.92	24.43	22.62	24.13	30
DFT-S 16QAM	22.81	22.96	22.51	22.66	30
DFT-S 64QAM	21.45	21.67	21.15	21.37	30
CP 256QAM	17.51	17.58	17.21	17.28	30
CP QPSK	22.47	22.48	22.17	22.18	30

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

NR n78 SCS 30 kHz (3.45 GHz ~ 3.55 GHz) - Ant 0, Channel Bandwidth: 25 MHz

Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)		
			CH 6306834	CH 633334	CH 635832
			3462.51 MHz	3500.01 MHz	3537.48 MHz
DFT-S BPSK	1	1	23.77	23.84	23.82
DFT-S QPSK	1	1	23.71	23.83	23.66
	1	33	23.61	23.76	23.67
	1	63	23.55	23.74	23.64
	32	0	23.06	23.09	23.15
	32	17	24.26	24.45	24.29
	32	33	23.01	23.08	23.02
	64	0	23.01	23.20	23.00
DFT-S 16QAM	1	1	22.88	22.97	22.88
DFT-S 64QAM	1	1	21.55	21.57	21.59
CP 256QAM	1	1	17.58	17.70	17.48
CP QPSK	1	1	22.40	22.58	22.36

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
DFT-S BPSK	23.77	23.84	23.47	23.54	30
DFT-S QPSK	23.00	24.45	22.70	24.15	30
DFT-S 16QAM	22.88	22.97	22.58	22.67	30
DFT-S 64QAM	21.55	21.59	21.25	21.29	30
CP 256QAM	17.48	17.70	17.18	17.40	30
CP QPSK	22.36	22.58	22.06	22.28	30

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

NR n78 SCS 30 kHz (3.45 GHz ~ 3.55 GHz) - Ant 0, 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
DFT-S BPSK	1	1	23.69	23.93	23.72
DFT-S QPSK	1	1	23.69	23.85	23.67
	1	39	23.62	23.78	23.63
	1	76	23.70	23.82	23.66
	36	0	23.09	23.18	23.13
	36	21	24.33	24.45	24.34
	36	42	22.94	23.17	23.08
	75	0	23.08	23.14	23.05
DFT-S 16QAM	1	1	22.81	22.86	22.86
DFT-S 64QAM	1	1	21.58	21.56	21.60
CP 256QAM	1	1	17.49	17.64	17.62
CP QPSK	1	1	22.44	22.48	22.48

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
DFT-S BPSK	23.69	23.93	23.39	23.63	30
DFT-S QPSK	22.94	24.45	22.64	24.15	30
DFT-S 16QAM	22.81	22.86	22.51	22.56	30
DFT-S 64QAM	21.56	21.60	21.26	21.30	30
CP 256QAM	17.49	17.64	17.19	17.34	30
CP QPSK	22.44	22.48	22.14	22.18	30

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

NR n78 SCS 30 kHz (3.45 GHz ~ 3.55 GHz) - Ant 0, 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
DFT-S BPSK	1	1	23.74	23.81	23.73
DFT-S QPSK	1	1	23.74	23.72	23.77
	1	53	23.67	23.70	23.55
	1	104	23.66	23.69	23.69
	50	0	23.11	23.22	23.16
	50	28	24.30	24.39	24.35
	50	56	22.94	23.18	22.92
	100	0	23.02	23.20	22.98
DFT-S 16QAM	1	1	22.76	22.95	22.79
DFT-S 64QAM	1	1	21.45	21.66	21.45
CP 256QAM	1	1	17.59	17.60	17.57
CP QPSK	1	1	22.47	22.60	22.45

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
DFT-S BPSK	23.73	23.81	23.43	23.51	30
DFT-S QPSK	22.92	24.39	22.62	24.09	30
DFT-S 16QAM	22.76	22.95	22.46	22.65	30
DFT-S 64QAM	21.45	21.66	21.15	21.36	30
CP 256QAM	17.57	17.60	17.27	17.30	30
CP QPSK	22.45	22.60	22.15	22.30	30

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

NR n78 SCS 30 kHz (3.45 GHz ~ 3.55 GHz) - Ant 0, 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
DFT-S BPSK	1	1	23.86	23.91	23.76
DFT-S QPSK	1	1	23.71	23.77	23.61
	1	67	23.75	23.82	23.56
	1	131	23.59	23.70	23.56
	64	0	23.07	23.14	23.04
	64	35	24.39	24.44	24.27
	64	69	23.08	23.18	22.95
	128	0	23.06	23.12	23.09
DFT-S 16QAM	1	1	22.78	22.94	22.86
DFT-S 64QAM	1	1	21.48	21.54	21.49
CP 256QAM	1	1	17.63	17.68	17.48
CP QPSK	1	1	22.46	22.62	22.51

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
DFT-S BPSK	23.76	23.91	23.46	23.61	30
DFT-S QPSK	22.95	24.44	22.65	24.14	30
DFT-S 16QAM	22.78	22.94	22.48	22.64	30
DFT-S 64QAM	21.48	21.54	21.18	21.24	30
CP 256QAM	17.48	17.68	17.18	17.38	30
CP QPSK	22.46	22.62	22.16	22.32	30

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

NR n78 SCS 30 kHz (3.45 GHz ~ 3.55 GHz) - Ant 0, 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
DFT-S BPSK	1	1	23.78	23.92	23.77
DFT-S QPSK	1	1	23.70	23.84	23.71
	1	81	23.66	23.81	23.66
	1	160	23.62	23.78	23.69
	81	0	23.09	23.21	22.99
	81	41	24.27	24.43	24.34
	81	81	23.13	23.06	23.13
	162	0	23.03	23.05	22.98
DFT-S 16QAM	1	1	22.78	22.97	22.86
DFT-S 64QAM	1	1	21.61	21.55	21.51
CP 256QAM	1	1	17.57	17.60	17.46
CP QPSK	1	1	22.42	22.55	22.38

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
DFT-S BPSK	23.77	23.92	23.47	23.62	30
DFT-S QPSK	22.98	24.43	22.68	24.13	30
DFT-S 16QAM	22.78	22.97	22.48	22.67	30
DFT-S 64QAM	21.51	21.61	21.21	21.31	30
CP 256QAM	17.46	17.60	17.16	17.30	30
CP QPSK	22.38	22.55	22.08	22.25	30

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

NR n78 SCS 30 kHz (3.45 GHz ~ 3.55 GHz) - Ant 0, Channel Bandwidth: 70 MHz

Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)		
			CH 632334	CH 633332	CH 634332
			3485.01 MHz	3499.98 MHz	3514.98 MHz
DFT-S BPSK	1	1	23.81	23.89	23.72
DFT-S QPSK	1	1	23.63	23.83	23.69
	1	95	23.71	23.76	23.55
	1	187	23.68	23.79	23.61
	90	0	23.03	23.10	23.06
	90	50	24.19	24.41	24.23
	90	99	23.09	23.19	23.04
	180	0	23.02	23.15	23.02
DFT-S 16QAM	1	1	22.71	22.86	22.83
DFT-S 64QAM	1	1	21.58	21.56	21.58
CP 256QAM	1	1	17.56	17.67	17.58
CP QPSK	1	1	22.39	22.50	22.40

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
DFT-S BPSK	23.72	23.89	23.42	23.59	30
DFT-S QPSK	23.02	24.41	22.72	24.11	30
DFT-S 16QAM	22.71	22.86	22.41	22.56	30
DFT-S 64QAM	21.56	21.58	21.26	21.28	30
CP 256QAM	17.56	17.67	17.26	17.37	30
CP QPSK	22.39	22.50	22.09	22.20	30

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

NR n78 SCS 30 kHz (3.45 GHz ~ 3.55 GHz) - Ant 0, 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
DFT-S BPSK	1	1	23.70	23.94	23.81
DFT-S QPSK	1	1	23.70	23.75	23.69
	1	109	23.61	23.79	23.68
	1	215	23.59	23.70	23.77
	108	0	23.03	23.12	23.08
	108	55	24.32	24.41	24.40
	108	109	23.04	23.08	23.01
	216	0	23.11	23.11	23.08
DFT-S 16QAM	1	1	22.82	22.85	22.85
DFT-S 64QAM	1	1	21.53	21.64	21.55
CP 256QAM	1	1	17.62	17.71	17.52
CP QPSK	1	1	22.44	22.62	22.47

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
DFT-S BPSK	23.70	23.94	23.40	23.64	30
DFT-S QPSK	23.01	24.41	22.71	24.11	30
DFT-S 16QAM	22.82	22.85	22.52	22.55	30
DFT-S 64QAM	21.53	21.64	21.23	21.34	30
CP 256QAM	17.52	17.71	17.22	17.41	30
CP QPSK	22.44	22.62	22.14	22.32	30

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

NR n78 SCS 30 kHz (3.45 GHz ~ 3.55 GHz) - Ant 0, Channel Bandwidth: 90 MHz

Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)		
			CH 633000	CH 633332	CH 633666
			3495 MHz	3499.98 MHz	3504.99 MHz
DFT-S BPSK	1	1	23.78	23.88	23.73
DFT-S QPSK	1	1	23.61	23.81	23.67
	1	123	23.73	23.67	23.71
	1	243	23.65	23.80	23.68
	120	0	23.00	23.13	23.05
	120	63	24.23	24.36	24.19
	120	125	23.11	23.09	23.05
	243	0	22.95	23.11	23.09
DFT-S 16QAM	1	1	22.86	23.00	22.87
DFT-S 64QAM	1	1	21.57	21.59	21.53
CP 256QAM	1	1	17.41	17.70	17.62
CP QPSK	1	1	22.52	22.54	22.48

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
DFT-S BPSK	23.73	23.88	23.43	23.58	30
DFT-S QPSK	22.95	24.36	22.65	24.06	30
DFT-S 16QAM	22.86	23.00	22.56	22.70	30
DFT-S 64QAM	21.53	21.59	21.23	21.29	30
CP 256QAM	17.41	17.70	17.11	17.40	30
CP QPSK	22.48	22.54	22.18	22.24	30

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

NR n78 SCS 30 kHz (3.45 GHz ~ 3.55 GHz) - Ant 0, Channel Bandwidth: 100 MHz

Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)
			CH 633334
			3500.01 MHz
DFT-S BPSK	1	1	24.01
DFT-S QPSK	1	1	23.92
	1	137	23.87
	1	271	23.89
	135	0	23.29
	135	69	24.53
	135	138	23.25
	270	0	23.25
DFT-S 16QAM	1	1	23.05
DFT-S 64QAM	1	1	21.74
CP 256QAM	1	1	17.76
CP QPSK	1	1	22.67

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
DFT-S BPSK	24.01	24.01	23.71	23.71	30
DFT-S QPSK	23.25	24.53	22.95	24.23	30
DFT-S 16QAM	23.05	23.05	22.75	22.75	30
DFT-S 64QAM	21.74	21.74	21.44	21.44	30
CP 256QAM	17.76	17.76	17.46	17.46	30
CP QPSK	22.67	22.67	22.37	22.37	30

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

NR n78 SCS 30 kHz (3.45 GHz ~ 3.55 GHz) - MIMO, 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		
			TX 1	TX 2	Total	TX 1	TX 2	Total	TX 1	TX 2	Total
BPSK	1	1	23.33	23.12	26.24	23.28	23.11	26.21	23.31	23.13	26.23
QPSK	1	1	23.49	23.29	26.40	23.46	23.30	26.39	23.46	23.31	26.40
	1	12	24.33	23.59	26.99	24.29	23.57	26.96	24.30	23.44	26.90
	1	23	23.59	23.20	26.41	23.51	23.13	26.33	23.55	23.22	26.40
	12	0	21.56	21.22	24.40	21.62	21.23	24.44	21.56	21.15	24.37
	12	6	24.08	23.27	26.70	23.96	23.26	26.63	24.11	23.41	26.78
	12	12	21.22	20.83	24.04	21.16	20.96	24.07	21.16	20.87	24.03
	24	0	21.43	20.96	24.21	21.40	21.00	24.21	21.31	21.01	24.17
16QAM	1	1	22.91	22.61	25.77	22.94	22.67	25.82	23.02	22.57	25.81
64QAM	1	1	20.65	20.53	23.60	20.65	20.55	23.61	20.71	20.54	23.64
256QAM	1	1	17.07	16.98	20.04	17.03	16.84	19.95	16.92	16.97	19.96

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
BPSK	26.21	26.24	25.91	25.94	30
QPSK	24.03	26.99	23.73	26.69	30
16QAM	25.77	25.82	25.47	25.52	30
64QAM	23.60	23.64	23.30	23.34	30
256QAM	19.95	20.04	19.65	19.74	30

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

NR n78 SCS 30 kHz (3.45 GHz ~ 3.55 GHz) - MIMO, 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			3544.98 MHz		
			TX 1	TX 2	Total	TX 1	TX 2	Total	TX 1	TX 2	Total
BPSK	1	1	23.28	23.22	26.26	23.37	23.24	26.32	23.36	23.13	26.26
QPSK	1	1	23.50	23.25	26.39	23.54	23.27	26.42	23.49	23.21	26.36
	1	19	24.23	23.53	26.90	24.30	23.59	26.97	24.31	23.47	26.92
	1	37	23.58	23.19	26.40	23.58	23.25	26.43	23.62	23.13	26.39
	19	0	21.64	21.26	24.46	21.55	21.22	24.40	21.53	21.25	24.40
	19	9	24.03	23.29	26.69	24.03	23.30	26.69	24.00	23.28	26.67
	19	18	21.10	20.86	23.99	21.23	20.96	24.11	21.13	20.83	23.99
	38	0	21.40	20.98	24.21	21.43	20.95	24.21	21.44	20.99	24.23
16QAM	1	1	22.91	22.65	25.79	22.98	22.59	25.80	22.93	22.64	25.80
64QAM	1	1	20.73	20.56	23.66	20.67	20.53	23.61	20.69	20.53	23.62
256QAM	1	1	17.00	16.96	19.99	17.04	16.84	19.95	16.97	16.86	19.93

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
BPSK	26.26	26.32	25.96	26.02	30
QPSK	23.99	26.97	23.69	26.67	30
16QAM	25.79	25.80	25.49	25.50	30
64QAM	23.61	23.66	23.31	23.36	30
256QAM	19.93	19.99	19.63	19.69	30

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

NR n78 SCS 30 kHz (3.45 GHz ~ 3.55 GHz) - MIMO, 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		
			TX 1	TX 2	Total	TX 1	TX 2	Total	TX 1	TX 2	Total
BPSK	1	1	23.35	23.18	26.28	23.26	23.12	26.20	23.33	23.13	26.24
QPSK	1	1	23.49	23.21	26.36	23.53	23.32	26.44	23.45	23.34	26.41
	1	26	24.22	23.57	26.92	24.24	23.52	26.91	24.37	23.47	26.95
	1	49	23.62	23.22	26.43	23.52	23.22	26.38	23.56	23.13	26.36
	25	0	21.53	21.28	24.42	21.63	21.27	24.46	21.53	21.25	24.40
	25	13	24.09	23.37	26.76	24.03	23.29	26.69	24.07	23.36	26.74
	25	26	21.16	20.87	24.03	21.15	20.85	24.01	21.23	20.90	24.08
	50	0	21.43	20.97	24.22	21.43	21.03	24.24	21.44	20.99	24.23
16QAM	1	1	23.02	22.71	25.88	22.94	22.64	25.80	23.02	22.60	25.83
64QAM	1	1	20.68	20.58	23.64	20.64	20.52	23.59	20.77	20.49	23.64
256QAM	1	1	16.99	16.89	19.95	16.94	16.86	19.91	16.97	16.95	19.97

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
BPSK	26.20	26.28	25.90	25.98	30
QPSK	24.01	26.95	23.71	26.65	30
16QAM	25.80	25.88	25.50	25.58	30
64QAM	23.59	23.64	23.29	23.34	30
256QAM	19.91	19.97	19.61	19.67	30

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

NR n78 SCS 30 kHz (3.45 GHz ~ 3.55 GHz) - MIMO, 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		
			TX 1	TX 2	Total	TX 1	TX 2	Total	TX 1	TX 2	Total
BPSK	1	1	23.23	23.24	26.25	23.33	23.21	26.28	23.33	23.14	26.25
QPSK	1	1	23.50	23.33	26.43	23.52	23.29	26.42	23.45	23.26	26.37
	1	33	24.30	23.45	26.91	24.23	23.44	26.86	24.34	23.50	26.95
	1	63	23.55	23.14	26.36	23.62	23.26	26.45	23.62	23.19	26.42
	32	0	21.61	21.22	24.43	21.59	21.27	24.44	21.59	21.19	24.40
	32	17	24.08	23.39	26.76	24.00	23.40	26.72	24.08	23.36	26.75
	32	33	21.10	20.92	24.02	21.21	20.88	24.06	21.24	20.87	24.07
	64	0	21.31	20.94	24.14	21.44	21.04	24.25	21.34	21.04	24.20
16QAM	1	1	23.04	22.63	25.85	22.94	22.68	25.82	22.98	22.62	25.81
64QAM	1	1	20.66	20.60	23.64	20.65	20.49	23.58	20.75	20.47	23.62
256QAM	1	1	17.02	16.83	19.94	16.96	16.95	19.97	17.04	16.90	19.98

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
BPSK	26.25	26.28	25.95	25.98	30
QPSK	24.02	26.95	23.72	26.65	30
16QAM	25.81	25.85	25.51	25.55	30
64QAM	23.58	23.64	23.28	23.34	30
256QAM	19.94	19.98	19.64	19.68	30

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

NR n78 SCS 30 kHz (3.45 GHz ~ 3.55 GHz) - MIMO, 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		
			TX 1	TX 2	Total	TX 1	TX 2	Total	TX 1	TX 2	Total
BPSK	1	1	23.34	23.13	26.25	23.34	23.14	26.25	23.36	23.11	26.25
QPSK	1	1	23.49	23.29	26.40	23.51	23.33	26.43	23.51	23.36	26.45
	1	39	24.25	23.55	26.92	24.22	23.48	26.88	24.35	23.55	26.98
	1	76	23.62	23.23	26.44	23.54	23.17	26.37	23.50	23.12	26.32
	36	0	21.53	21.27	24.41	21.68	21.24	24.48	21.63	21.21	24.44
	36	21	23.96	23.36	26.68	24.07	23.36	26.74	24.04	23.35	26.72
	36	42	21.14	20.94	24.05	21.16	20.88	24.03	21.21	20.93	24.08
	75	0	21.36	20.93	24.16	21.41	21.00	24.22	21.45	20.96	24.22
16QAM	1	1	22.97	22.68	25.84	22.96	22.69	25.84	22.99	22.62	25.82
64QAM	1	1	20.74	20.62	23.69	20.77	20.50	23.65	20.67	20.48	23.59
256QAM	1	1	17.00	16.92	19.97	17.03	16.89	19.97	17.03	16.97	20.01

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
BPSK	26.25	26.25	25.95	25.95	30
QPSK	24.03	26.98	23.73	26.68	30
16QAM	25.82	25.84	25.52	25.54	30
64QAM	23.59	23.69	23.29	23.39	30
256QAM	19.97	20.01	19.67	19.71	30

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

NR n78 SCS 30 kHz (3.45 GHz ~ 3.55 GHz) - MIMO, 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		
			TX 1	TX 2	Total	TX 1	TX 2	Total	TX 1	TX 2	Total
BPSK	1	1	23.29	23.12	26.22	23.37	23.19	26.29	23.28	23.18	26.24
QPSK	1	1	23.47	23.22	26.36	23.50	23.30	26.41	23.43	23.26	26.36
	1	53	24.31	23.47	26.92	24.24	23.54	26.91	24.35	23.48	26.95
	1	104	23.61	23.16	26.40	23.55	23.14	26.36	23.52	23.24	26.39
	50	0	21.63	21.17	24.42	21.63	21.20	24.43	21.67	21.28	24.49
	50	28	24.08	23.39	26.76	23.97	23.40	26.70	23.99	23.34	26.69
	50	56	21.12	20.95	24.05	21.22	20.90	24.07	21.22	20.95	24.10
	100	0	21.43	20.89	24.18	21.38	20.96	24.19	21.31	20.96	24.15
16QAM	1	1	23.03	22.63	25.84	22.98	22.62	25.81	22.92	22.69	25.82
64QAM	1	1	20.65	20.51	23.59	20.69	20.50	23.61	20.64	20.62	23.64
256QAM	1	1	16.92	16.83	19.89	17.06	16.91	20.00	16.96	16.83	19.91

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
BPSK	26.22	26.29	25.92	25.99	30
QPSK	24.05	26.95	23.75	26.65	30
16QAM	25.81	25.84	25.51	25.54	30
64QAM	23.59	23.64	23.29	23.34	30
256QAM	19.89	20.00	19.59	19.70	30

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

NR n78 SCS 30 kHz (3.45 GHz ~ 3.55 GHz) - MIMO, 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		
			TX 1	TX 2	Total	TX 1	TX 2	Total	TX 1	TX 2	Total
BPSK	1	1	23.24	23.19	26.23	23.22	23.13	26.19	23.37	23.17	26.28
QPSK	1	1	23.51	23.31	26.42	23.48	23.27	26.39	23.47	23.24	26.37
	1	67	24.36	23.53	26.98	24.28	23.53	26.93	24.24	23.45	26.87
	1	131	23.58	23.13	26.37	23.59	23.23	26.42	23.60	23.16	26.40
	64	0	21.66	21.15	24.42	21.54	21.20	24.38	21.67	21.15	24.43
	64	35	23.96	23.39	26.69	24.05	23.26	26.68	24.08	23.41	26.77
	64	69	21.22	20.91	24.08	21.24	20.96	24.11	21.10	20.92	24.02
	128	0	21.36	21.04	24.21	21.36	20.90	24.15	21.44	20.90	24.19
16QAM	1	1	22.95	22.59	25.78	23.00	22.57	25.80	22.91	22.72	25.83
64QAM	1	1	20.72	20.59	23.67	20.74	20.59	23.68	20.73	20.62	23.69
256QAM	1	1	16.96	16.91	19.95	17.04	16.85	19.96	17.07	16.91	20.00

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
BPSK	26.19	26.28	25.89	25.98	30
QPSK	24.02	26.98	23.72	26.68	30
16QAM	25.78	25.83	25.48	25.53	30
64QAM	23.67	23.69	23.37	23.39	30
256QAM	19.95	20.00	19.65	19.70	30

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

NR n78 SCS 30 kHz (3.45 GHz ~ 3.55 GHz) - MIMO, 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		
			TX 1	TX 2	Total	TX 1	TX 2	Total	TX 1	TX 2	Total
BPSK	1	1	23.29	23.21	26.26	23.26	23.10	26.19	23.23	23.13	26.19
QPSK	1	1	23.43	23.32	26.39	23.47	23.27	26.38	23.47	23.36	26.43
	1	81	24.29	23.44	26.90	24.32	23.44	26.91	24.25	23.55	26.92
	1	160	23.62	23.25	26.45	23.59	23.14	26.38	23.50	23.13	26.33
	81	0	21.68	21.17	24.44	21.67	21.21	24.46	21.58	21.13	24.37
	81	41	24.06	23.29	26.70	23.99	23.30	26.67	24.01	23.33	26.69
	81	81	21.17	20.87	24.03	21.09	20.96	24.04	21.19	20.97	24.09
	162	0	21.30	20.90	24.11	21.41	21.01	24.22	21.30	20.97	24.15
16QAM	1	1	22.96	22.60	25.79	23.04	22.66	25.86	23.04	22.66	25.86
64QAM	1	1	20.73	20.62	23.69	20.72	20.57	23.66	20.72	20.51	23.63
256QAM	1	1	16.93	16.84	19.90	16.98	16.90	19.95	17.07	16.87	19.98

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
BPSK	26.19	26.26	25.89	25.96	30
QPSK	24.03	26.92	23.73	26.62	30
16QAM	25.79	25.86	25.49	25.56	30
64QAM	23.63	23.69	23.33	23.39	30
256QAM	19.90	19.98	19.60	19.68	30

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

NR n78 SCS 30 kHz (3.45 GHz ~ 3.55 GHz) - MIMO, 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		
			TX 1	TX 2	Total	TX 1	TX 2	Total	TX 1	TX 2	Total
BPSK	1	1	23.34	23.21	26.29	23.24	23.25	26.26	23.28	23.14	26.22
QPSK	1	1	23.56	23.27	26.43	23.47	23.21	26.35	23.46	23.31	26.40
	1	95	24.23	23.55	26.91	24.31	23.49	26.93	24.25	23.48	26.89
	1	187	23.50	23.16	26.34	23.64	23.26	26.46	23.56	23.26	26.42
	90	0	21.56	21.21	24.40	21.65	21.27	24.47	21.65	21.26	24.47
	90	50	24.03	23.33	26.70	23.99	23.33	26.68	24.00	23.36	26.70
	90	99	21.17	20.88	24.04	21.20	20.96	24.09	21.14	20.85	24.01
	180	0	21.42	20.98	24.22	21.43	21.03	24.24	21.30	20.89	24.11
16QAM	1	1	22.94	22.59	25.78	23.01	22.65	25.84	23.04	22.60	25.84
64QAM	1	1	20.73	20.50	23.63	20.63	20.50	23.58	20.70	20.61	23.67
256QAM	1	1	16.94	16.97	19.97	16.94	16.90	19.93	17.03	16.91	19.98

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
BPSK	26.22	26.29	25.92	25.99	30
QPSK	24.01	26.93	23.71	26.63	30
16QAM	25.78	25.84	25.48	25.54	30
64QAM	23.58	23.67	23.28	23.37	30
256QAM	19.93	19.98	19.63	19.68	30

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

NR n78 SCS 30 kHz (3.45 GHz ~ 3.55 GHz) - MIMO, 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		
			TX 1	TX 2	Total	TX 1	TX 2	Total	TX 1	TX 2	Total
BPSK	1	1	23.29	23.21	26.26	23.31	23.21	26.27	23.34	23.18	26.27
QPSK	1	1	23.49	23.25	26.38	23.48	23.25	26.38	23.42	23.35	26.40
	1	109	24.29	23.51	26.93	24.23	23.51	26.90	24.23	23.50	26.89
	1	215	23.64	23.19	26.43	23.55	23.16	26.37	23.59	23.15	26.39
	108	0	21.64	21.19	24.43	21.62	21.25	24.45	21.57	21.22	24.41
	108	55	24.11	23.38	26.77	24.11	23.36	26.76	24.04	23.36	26.72
	108	109	21.17	20.97	24.08	21.17	20.93	24.06	21.16	20.84	24.01
	216	0	21.38	20.95	24.18	21.31	20.92	24.13	21.45	20.96	24.22
16QAM	1	1	22.94	22.71	25.84	23.05	22.61	25.85	23.06	22.62	25.86
64QAM	1	1	20.75	20.52	23.65	20.70	20.47	23.60	20.63	20.62	23.64
256QAM	1	1	16.94	16.94	19.95	16.93	16.90	19.93	17.02	16.86	19.95

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
BPSK	26.26	26.27	25.96	25.97	30
QPSK	24.01	26.93	23.71	26.63	30
16QAM	25.84	25.86	25.54	25.56	30
64QAM	23.60	23.65	23.30	23.35	30
256QAM	19.93	19.95	19.63	19.65	30

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

NR n78 SCS 30 kHz (3.45 GHz ~ 3.55 GHz) - MIMO, 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		
			TX 1	TX 2	Total	TX 1	TX 2	Total	TX 1	TX 2	Total
BPSK	1	1	23.30	23.19	26.26	23.28	23.11	26.21	23.33	23.12	26.24
QPSK	1	1	23.43	23.29	26.37	23.53	23.27	26.41	23.45	23.32	26.40
	1	123	24.30	23.57	26.96	24.26	23.58	26.94	24.27	23.54	26.93
	1	243	23.60	23.18	26.41	23.56	23.19	26.39	23.64	23.14	26.41
	120	0	21.60	21.18	24.41	21.65	21.19	24.44	21.60	21.27	24.45
	120	63	24.02	23.38	26.72	23.99	23.39	26.71	23.97	23.37	26.69
	120	125	21.20	20.84	24.03	21.11	20.87	24.00	21.23	20.89	24.07
	243	0	21.41	21.03	24.23	21.31	20.92	24.13	21.38	20.91	24.16
16QAM	1	1	22.93	22.66	25.81	23.06	22.61	25.85	22.91	22.57	25.75
64QAM	1	1	20.73	20.57	23.66	20.72	20.59	23.67	20.77	20.52	23.66
256QAM	1	1	16.99	16.86	19.94	16.97	16.92	19.96	17.06	16.83	19.96

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
BPSK	26.21	26.26	25.91	25.96	30
QPSK	24.00	26.96	23.70	26.66	30
16QAM	25.75	25.85	25.45	25.55	30
64QAM	23.66	23.67	23.36	23.37	30
256QAM	19.94	19.96	19.64	19.66	30

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

NR n78 SCS 30 kHz (3.45 GHz ~ 3.55 GHz) - MIMO, Channel Bandwidth: 100 MHz

Modulation	RB Size	RB Offset	Measurement Conducted Power (dBm)		
			CH 633334		
			3500.01 MHz		
			TX 1	TX 2	Total
BPSK	1	1	23.37	23.25	26.32
QPSK	1	1	23.56	23.36	26.47
	1	137	24.37	23.59	27.01
	1	271	23.64	23.26	26.46
	135	0	21.68	21.28	24.49
	135	69	24.11	23.41	26.78
	135	138	21.24	20.97	24.12
	270	0	21.45	21.04	24.26
16QAM	1	1	23.06	22.72	25.90
64QAM	1	1	20.77	20.62	23.71
256QAM	1	1	17.07	16.98	20.04

Output Power					
Modulation	Minimum Cond. Power (dBm)	Maximum Cond. Power (dBm)	Minimum EIRP (dBm)	Maximum EIRP (dBm)	EIRP Limit (dBm)
BPSK	26.32	26.32	26.02	26.02	30
QPSK	24.12	27.01	23.82	26.71	30
16QAM	25.90	25.90	25.60	25.60	30
64QAM	23.71	23.71	23.41	23.41	30
256QAM	20.04	20.04	19.74	19.74	30

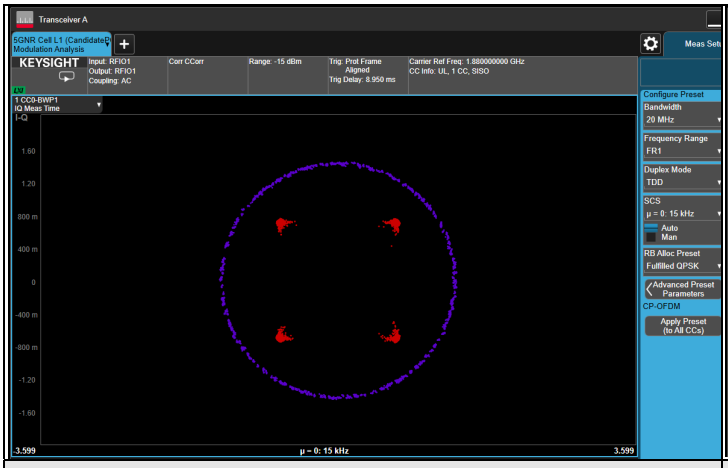
Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)

7.2 Modulation Characteristics

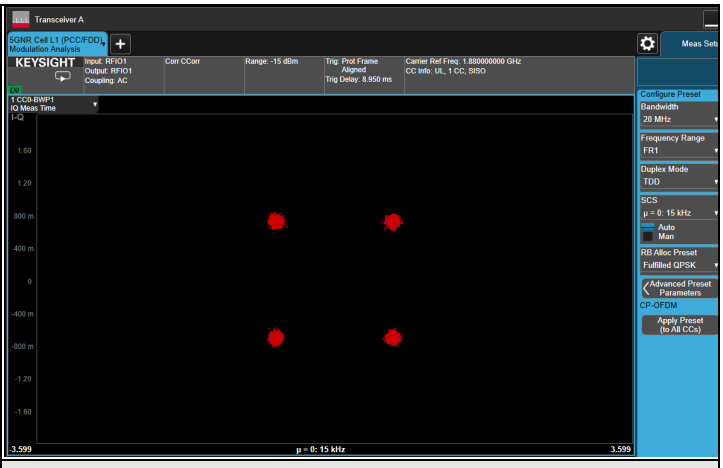
Input Power:	3.8 Vdc	Environmental Conditions:	22°C, 73% RH	Tested By:	James Yang

7.2.1 NR n2 SCS 15 kHz

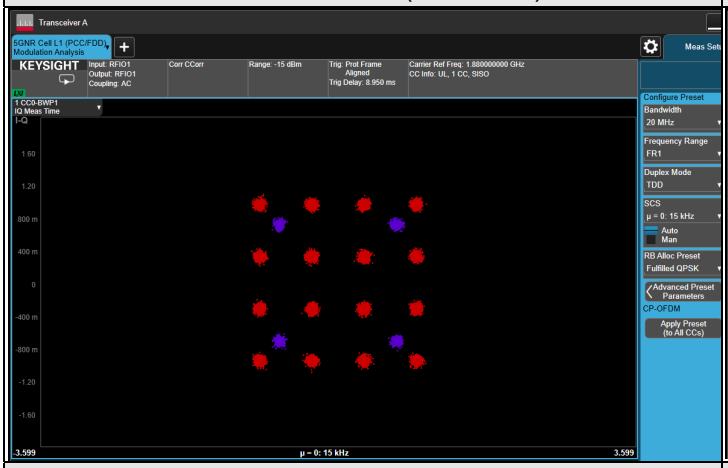
NR n2 SCS 15 kHz, Channel Bandwidth: 40 MHz



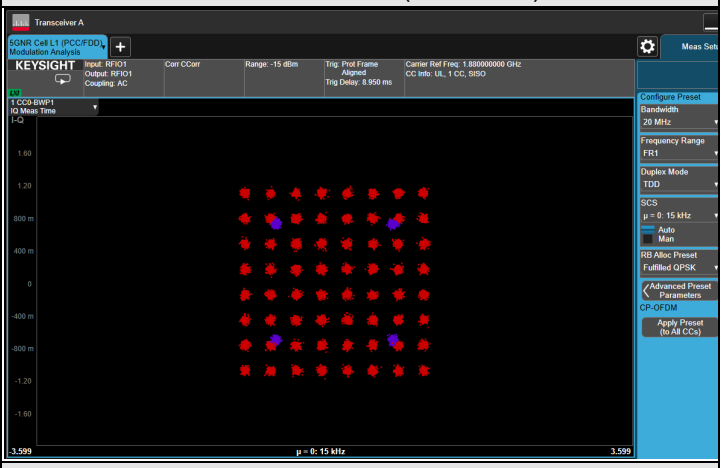
BPSK CH 376000 (1880 MHz)



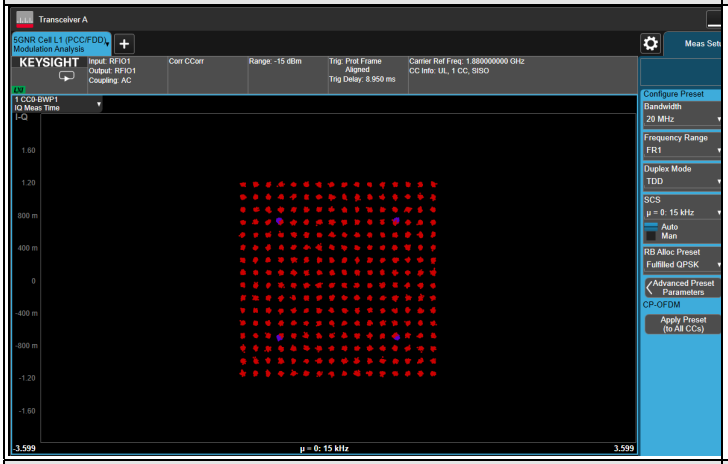
QPSK CH 376000 (1880 MHz)



16QAM CH 376000 (1880 MHz)



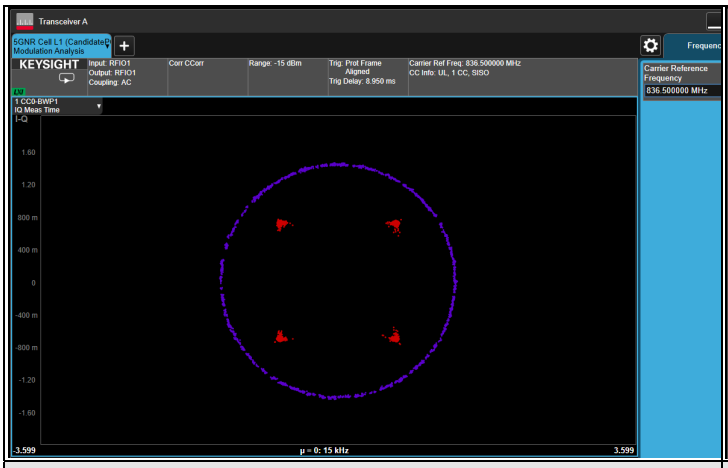
64QAM CH 376000 (1880 MHz)



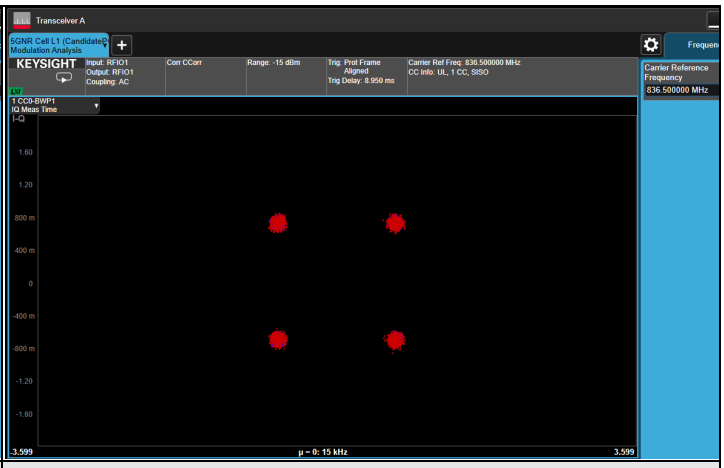
256QAM CH 376000 (1880 MHz)

7.2.2 NR n5 SCS 15 kHz

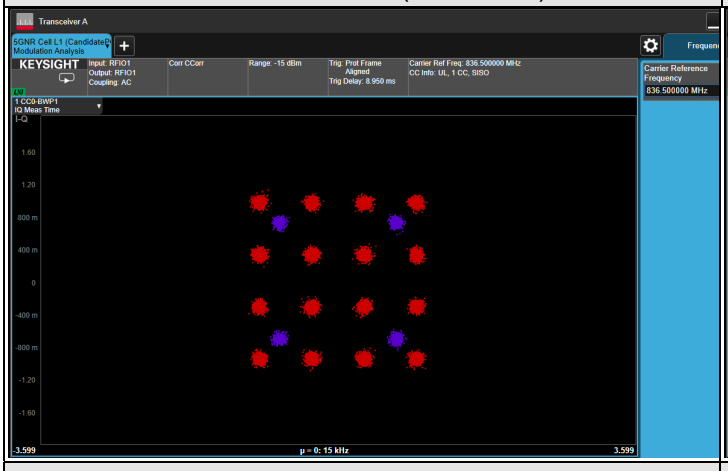
NR n5 SCS 15 kHz, Channel Bandwidth: 20 MHz



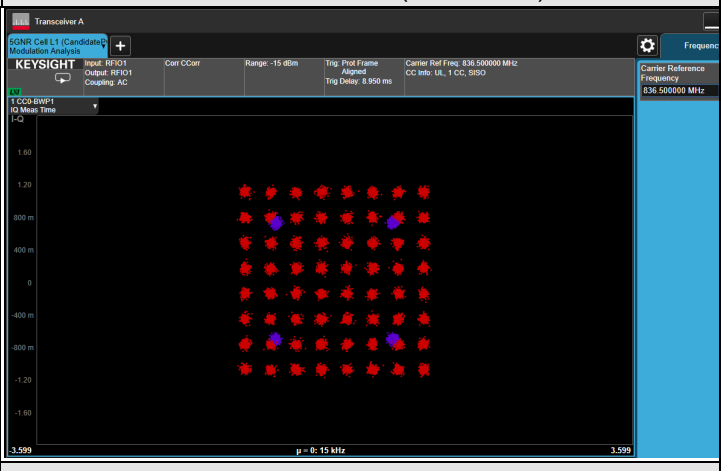
BPSK CH 167300 (836.5 MHz)



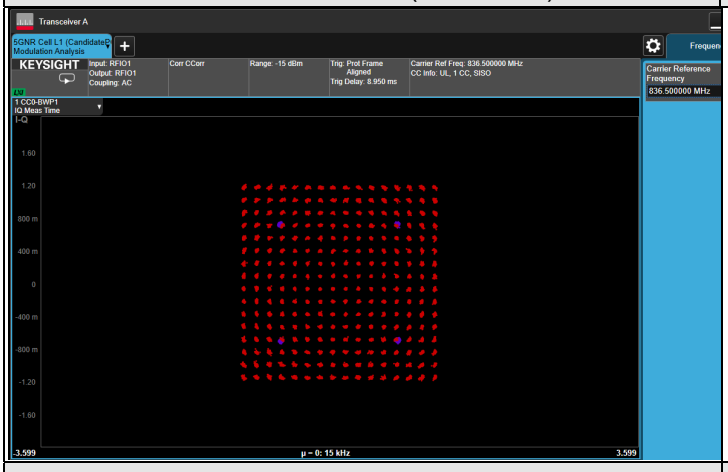
QPSK CH 167300 (836.5 MHz)



16QAM CH 167300 (836.5 MHz)



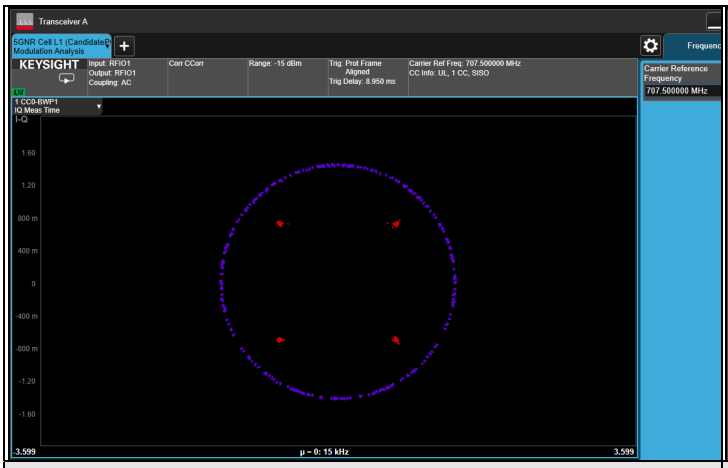
64QAM CH 167300 (836.5 MHz)



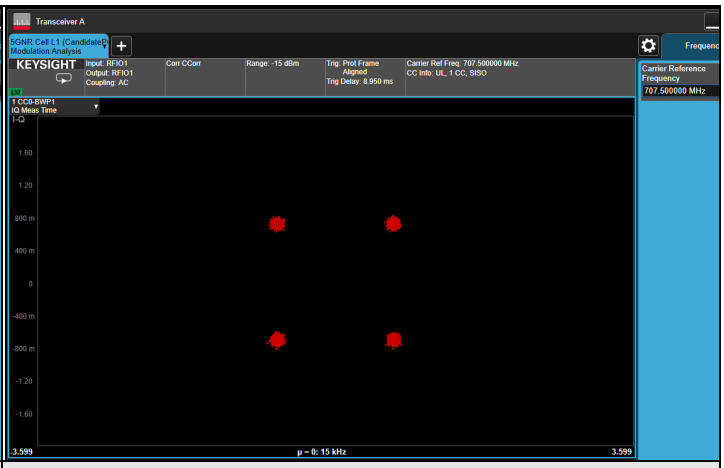
256QAM CH 167300 (836.5 MHz)

7.2.3 NR n12 SCS 15 kHz

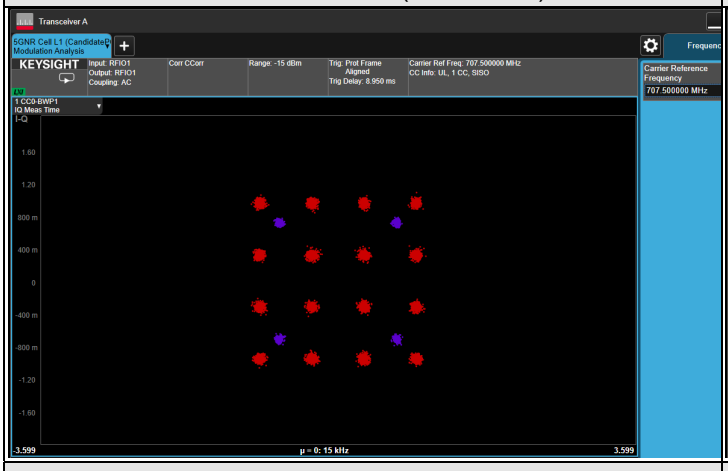
NR n12 SCS 15 kHz, Channel Bandwidth: 15 MHz



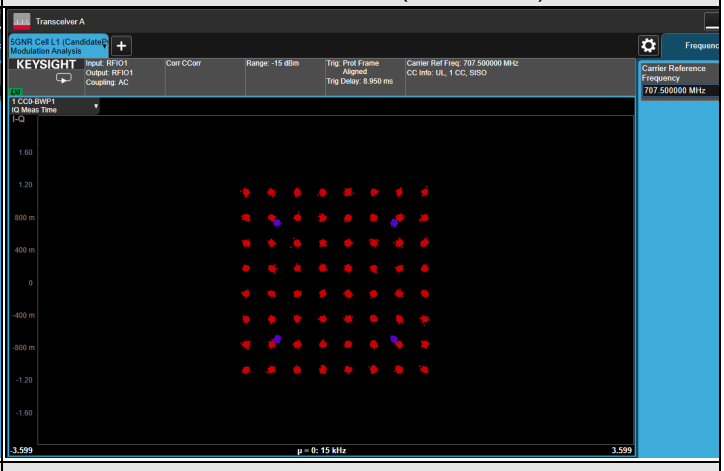
BPSK CH 141500 (707.5 MHz)



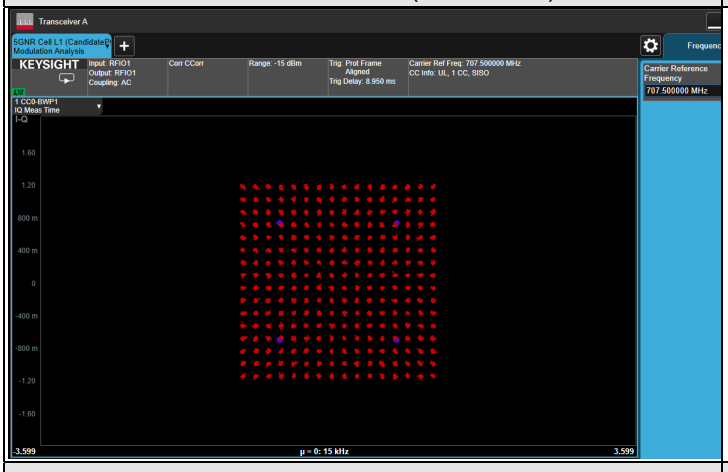
QPSK CH 141500 (707.5 MHz)



16QAM CH 141500 (707.5 MHz)



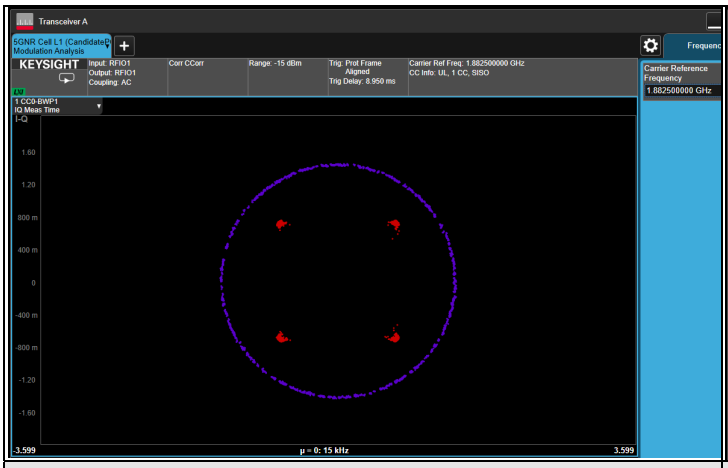
64QAM CH 141500 (707.5 MHz)



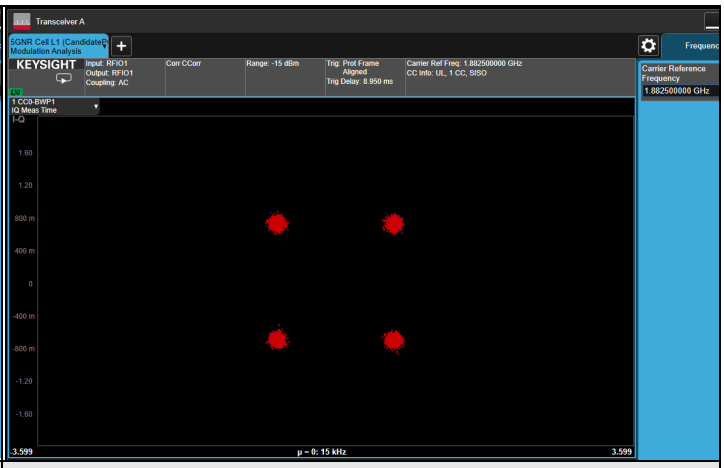
256QAM CH 141500 (707.5 MHz)

7.2.4 NR n25 SCS 15 kHz

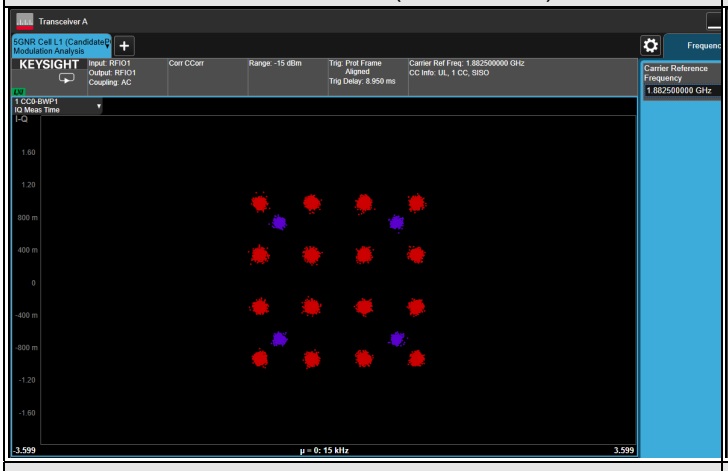
NR n25 SCS 15 kHz, Channel Bandwidth: 40 MHz



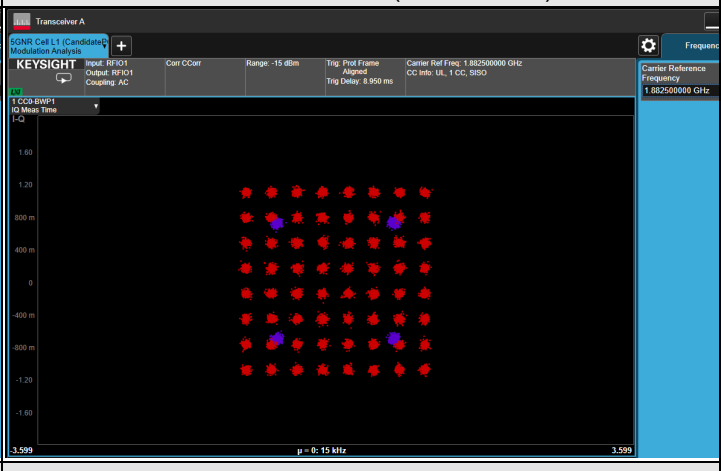
BPSK CH 376500 (1882.5 MHz)



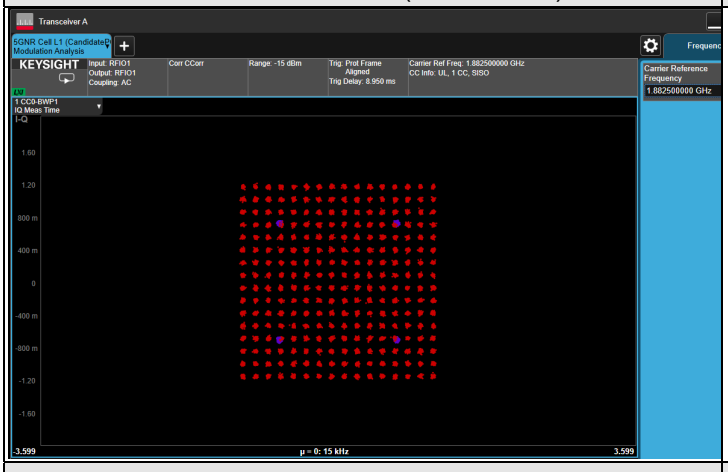
QPSK CH 376500 (1882.5 MHz)



16QAM CH 376500 (1882.5 MHz)



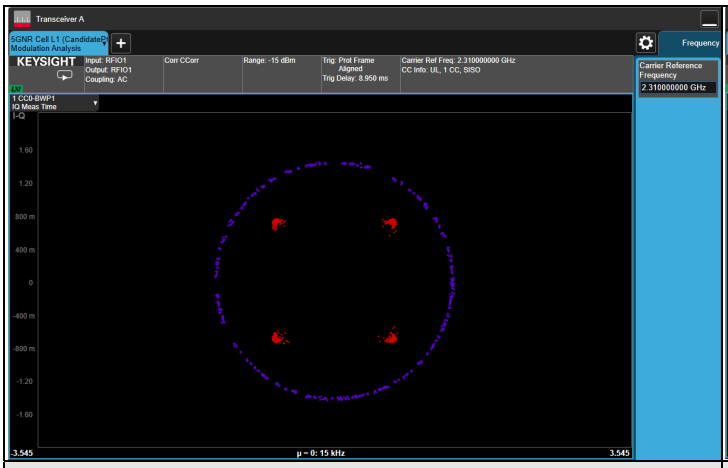
64QAM CH 376500 (1882.5 MHz)



256QAM CH 376500 (1882.5 MHz)

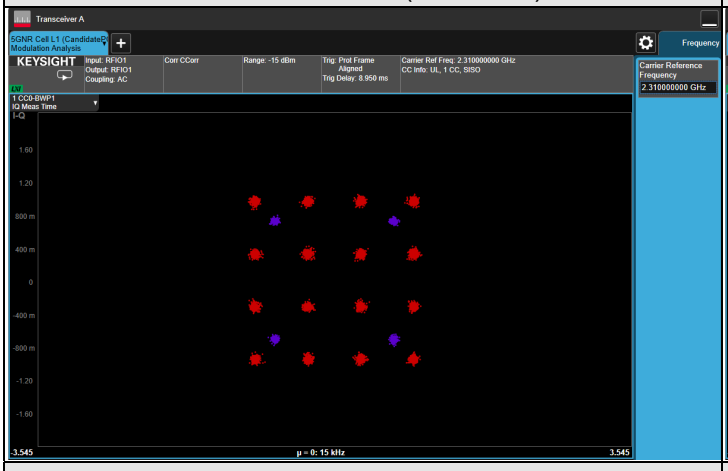
7.2.5 NR n30 SCS 15 kHz

NR n30 SCS 15 kHz, Channel Bandwidth: 10 MHz

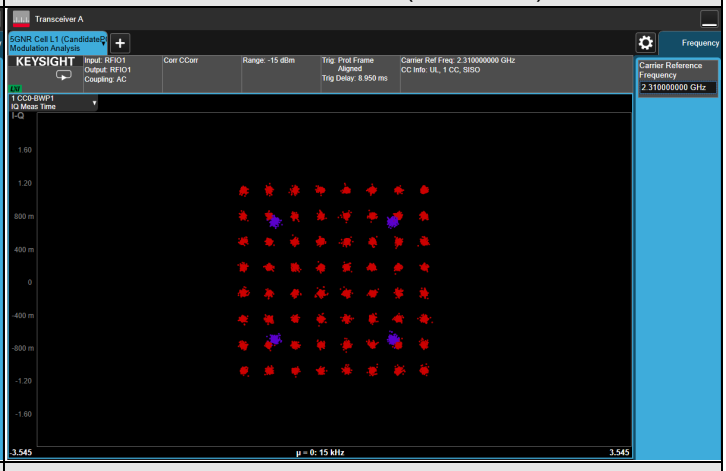


BPSK CH 462000 (2310 MHz)

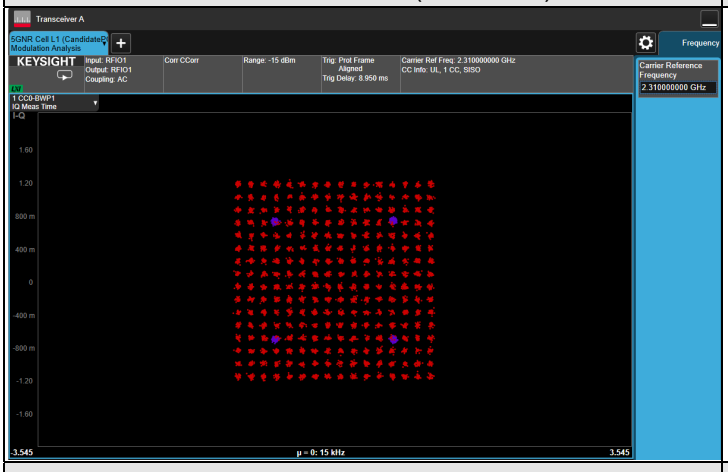
QPSK CH 462000 (2310 MHz)



16QAM CH 462000 (2310 MHz)



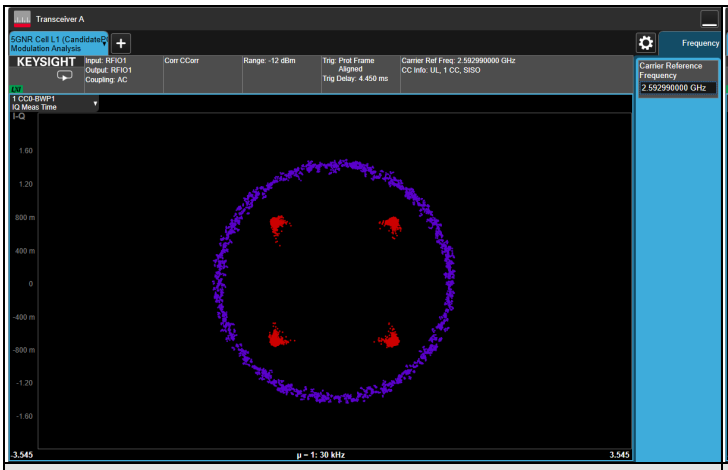
64QAM CH 462000 (2310 MHz)



256QAM CH 462000 (2310 MHz)

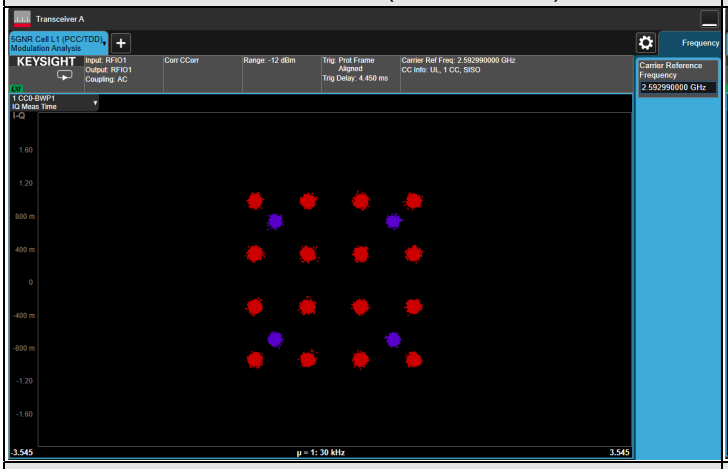
7.2.6 NR n41 SCS 30 kHz

NR n41 SCS 30 kHz - MIMO-Ant 0, Channel Bandwidth: 100 MHz

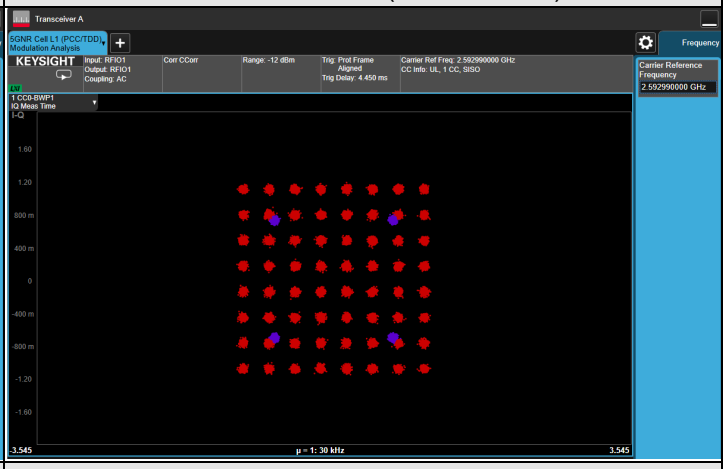


BPSK CH 518598 (2592.99 MHz)

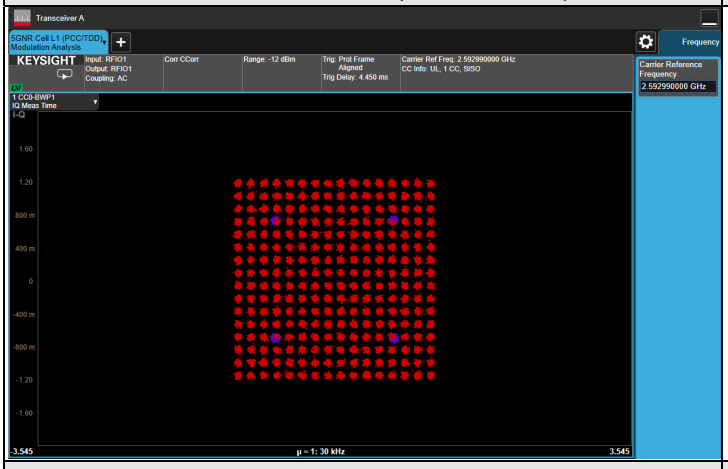
QPSK CH 518598 (2592.99 MHz)



16QAM CH 518598 (2592.99 MHz)



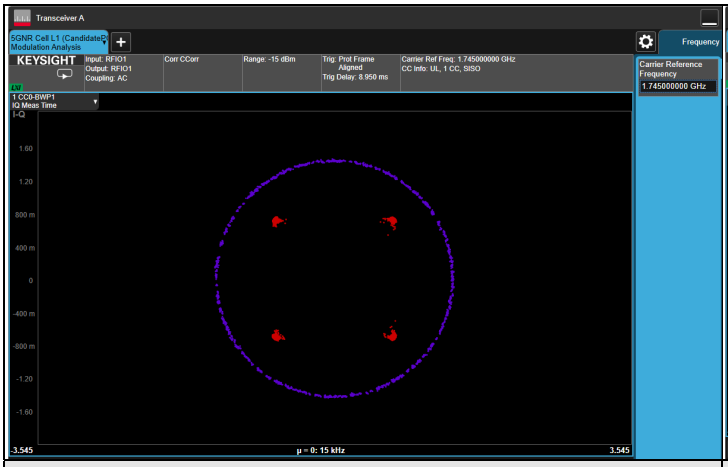
64QAM CH 518598 (2592.99 MHz)



256QAM CH 518598 (2592.99 MHz)

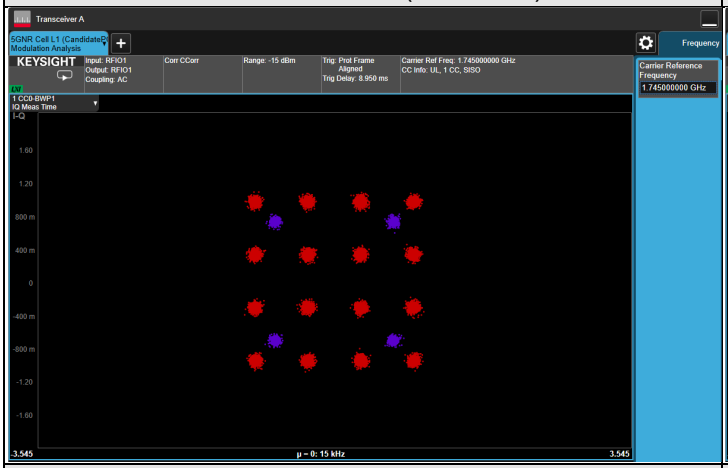
7.2.7 NR n66 SCS 15 kHz

NR n66 SCS 15 kHz, Channel Bandwidth: 40 MHz

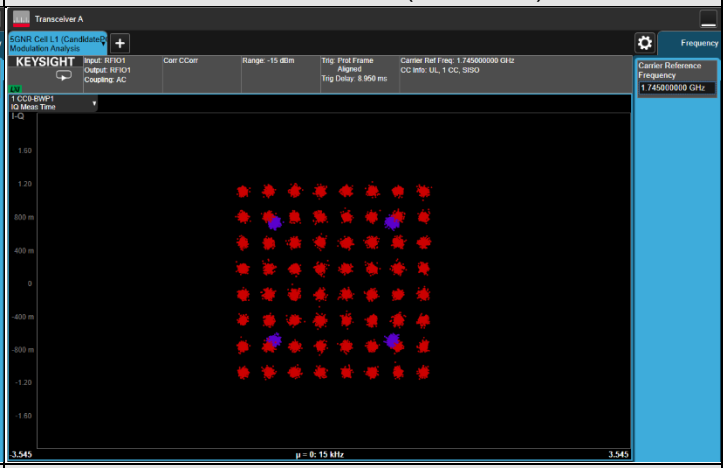


BPSK CH 349000 (1745 MHz)

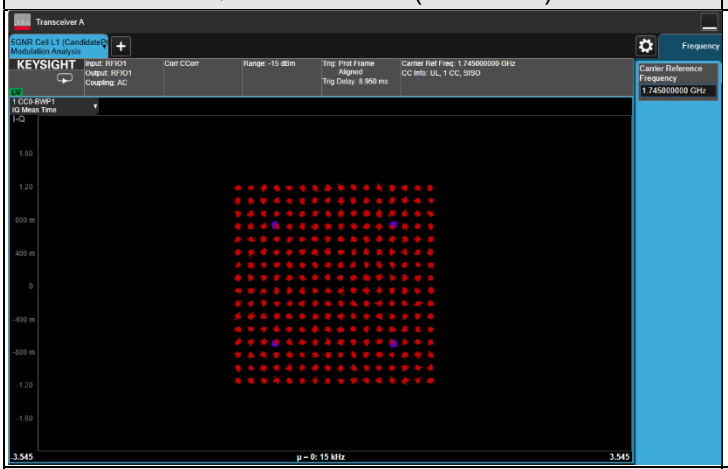
QPSK CH 349000 (1745 MHz)



16QAM CH 349000 (1745 MHz)



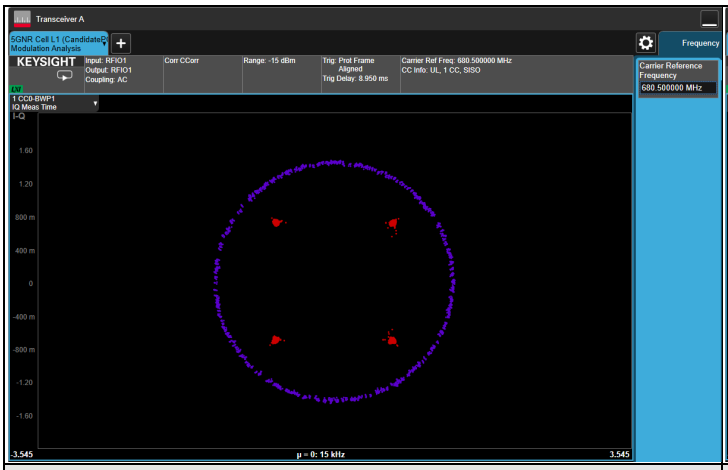
64QAM CH 349000 (1745 MHz)



256QAM CH 349000 (1745 MHz)

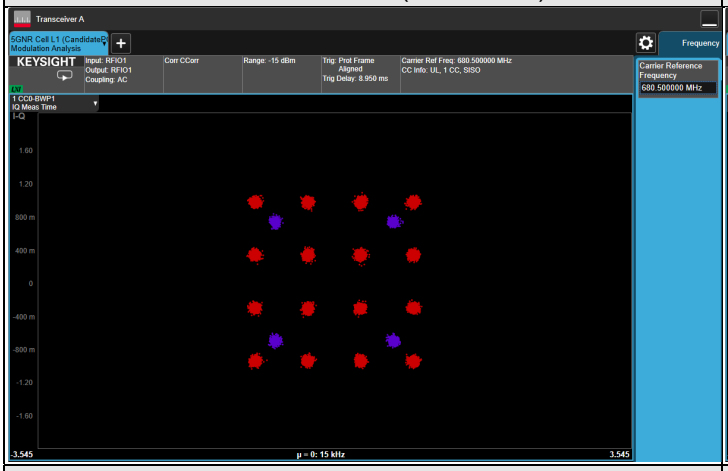
7.2.8 NR n71 SCS 15 kHz

NR n71 SCS 15 kHz, Channel Bandwidth: 20 MHz

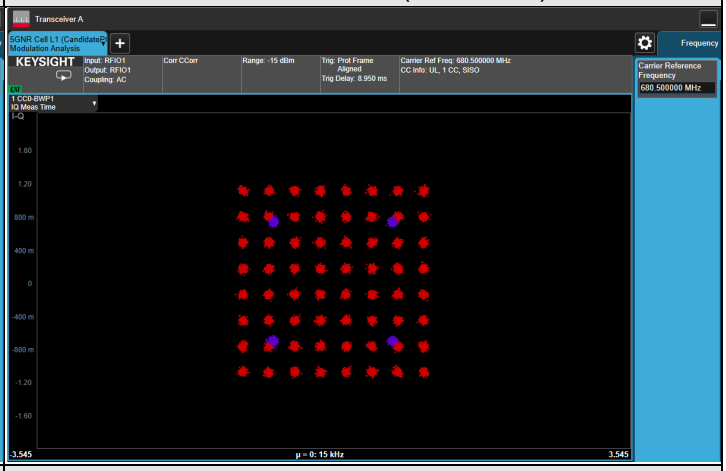


BPSK CH 136100 (680.5 MHz)

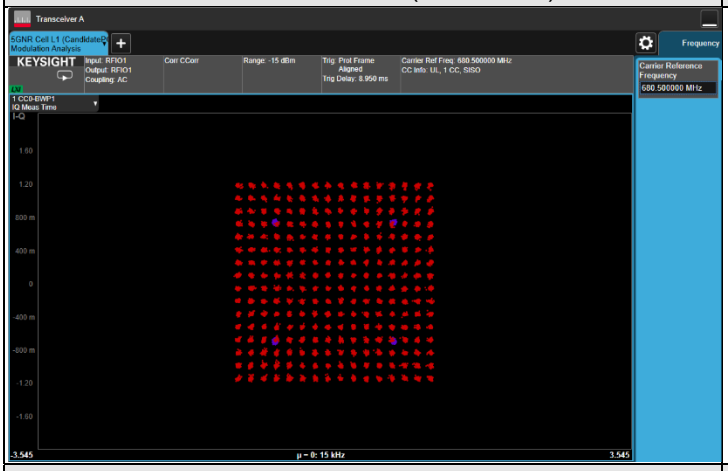
QPSK CH 136100 (680.5 MHz)



16QAM CH 136100 (680.5 MHz)



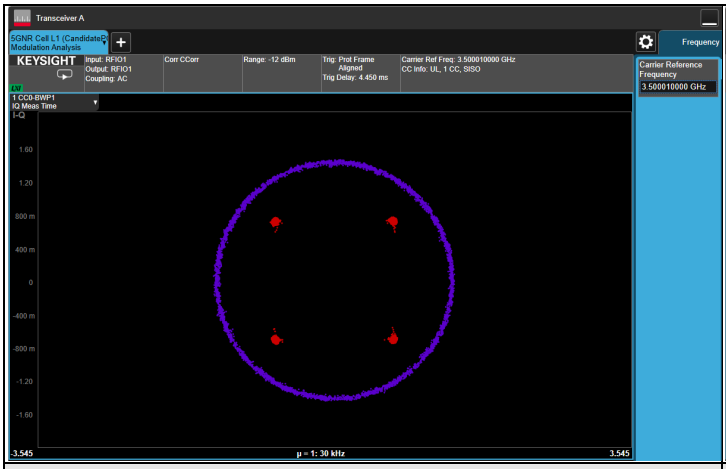
64QAM CH 136100 (680.5 MHz)



256QAM CH 136100 (680.5 MHz)

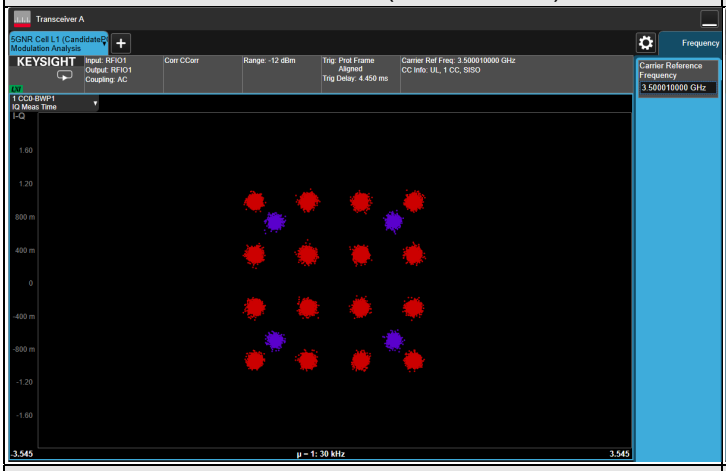
7.2.9 NR n77 SCS 30 kHz (3.45 GHz ~ 3.55 GHz)

NR n77 SCS 30 kHz (3.45 GHz ~ 3.55 GHz) - MIMO-Ant 0, Channel Bandwidth: 100 MHz

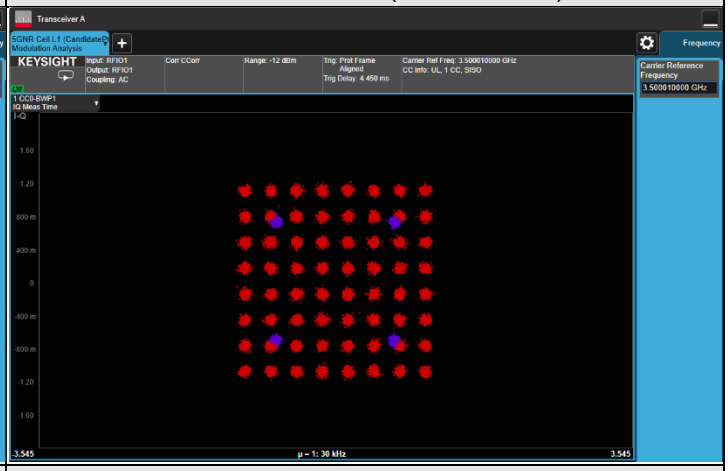


BPSK CH 633334 (3500.01 MHz)

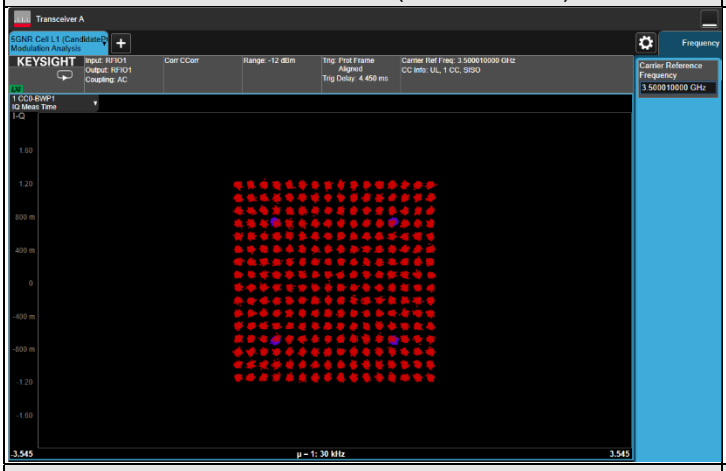
QPSK CH 633334 (3500.01 MHz)



16QAM CH 633334 (3500.01 MHz)



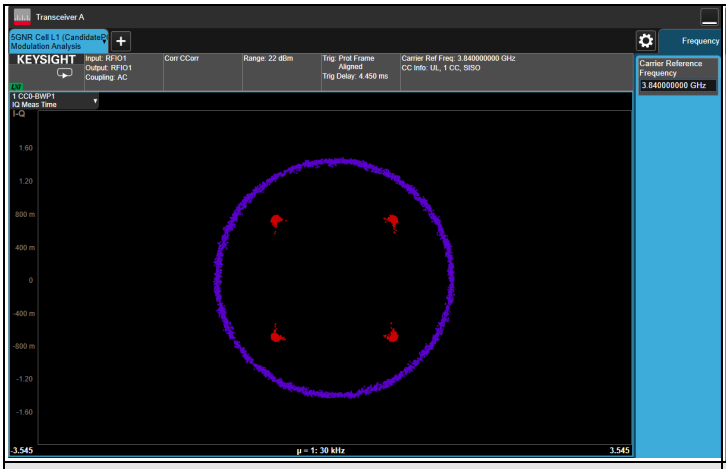
64QAM CH 633334 (3500.01 MHz)



256QAM CH 633334 (3500.01 MHz)

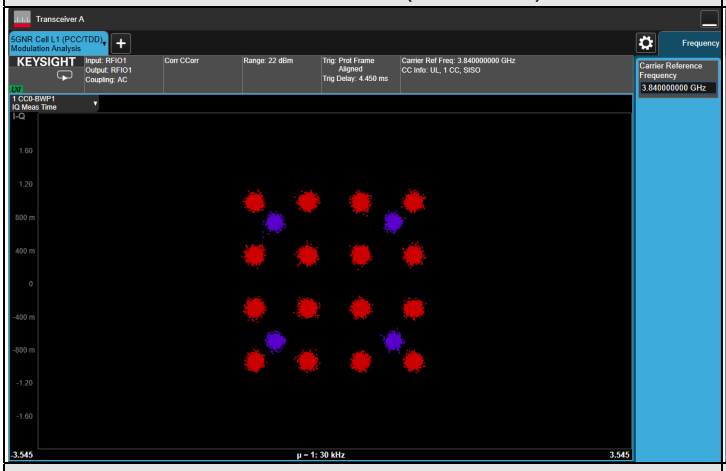
7.2.10 NR n77 SCS 30 kHz (3.7 GHz ~ 3.98 GHz)

NR n77 SCS 30 kHz (3.7 GHz ~ 3.98 GHz) - MIMO-Ant 0, Channel Bandwidth: 100 MHz

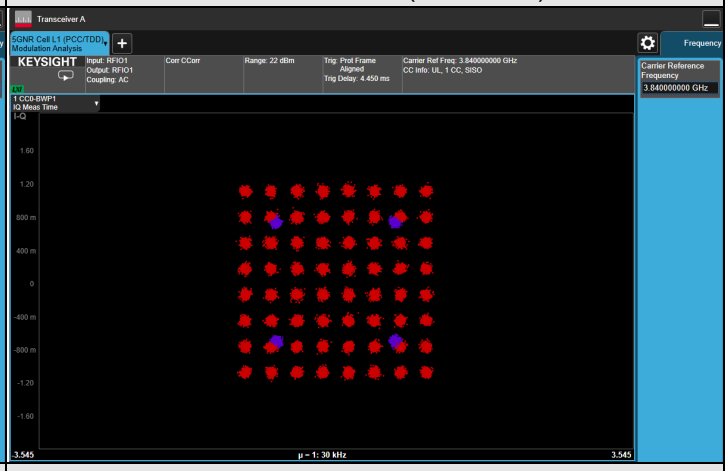


BPSK CH 656000 (3840 MHz)

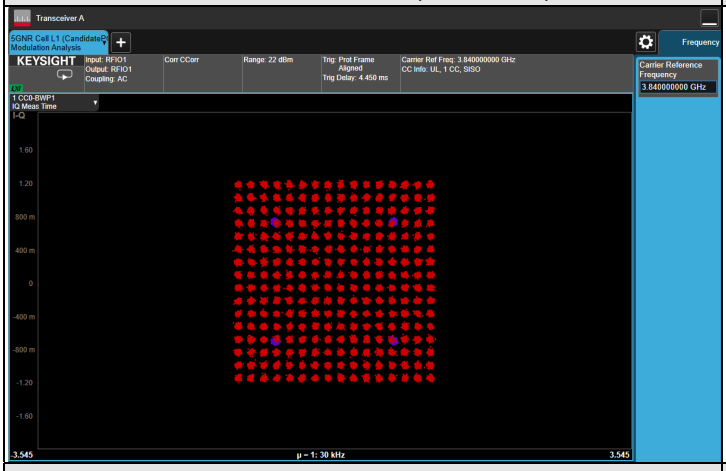
QPSK CH 656000 (3840 MHz)



16QAM CH 656000 (3840 MHz)



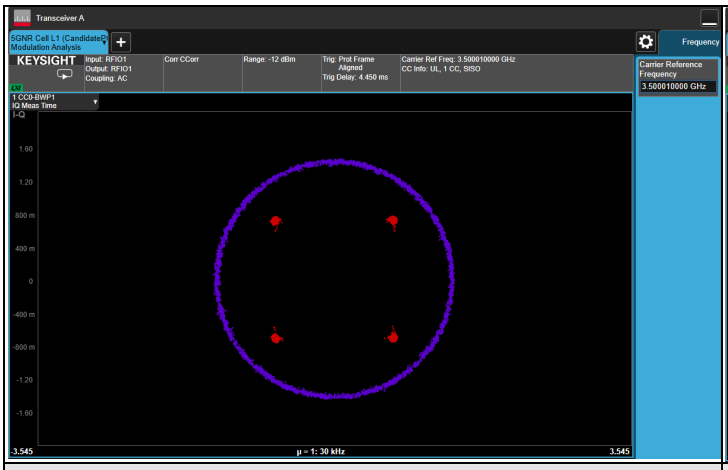
64QAM CH 656000 (3840 MHz)



256QAM CH 656000 (3840 MHz)

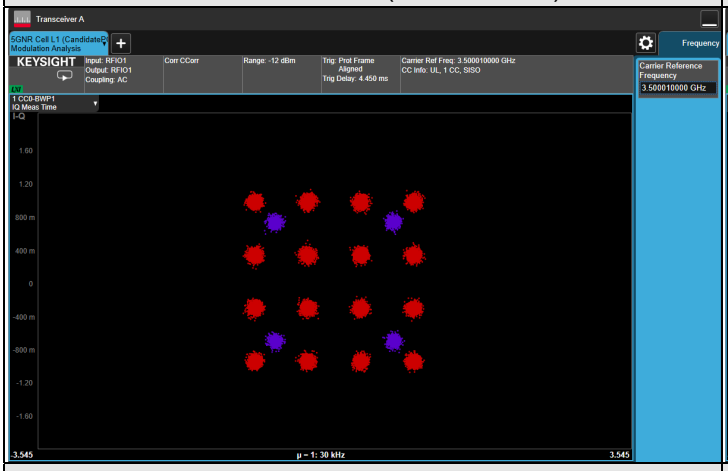
7.2.11 NR n78 SCS 30 kHz (3.45 GHz ~ 3.55 GHz)

NR n78 SCS 30 kHz (3.45 GHz ~ 3.55 GHz) - MIMO-Ant 0, Channel Bandwidth: 100 MHz

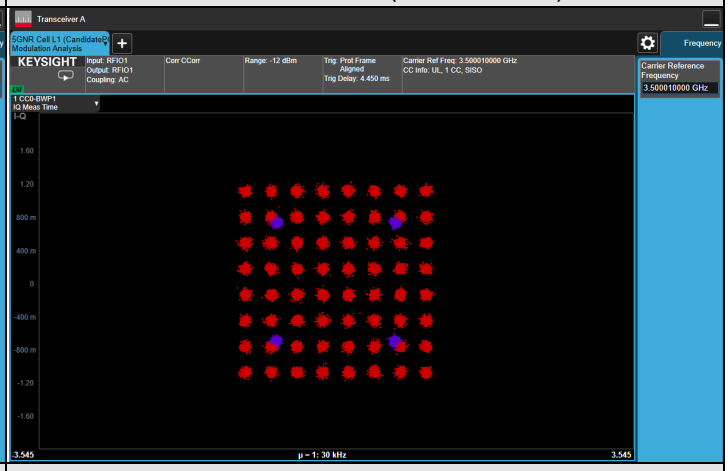


BPSK CH 633334 (3500.01 MHz)

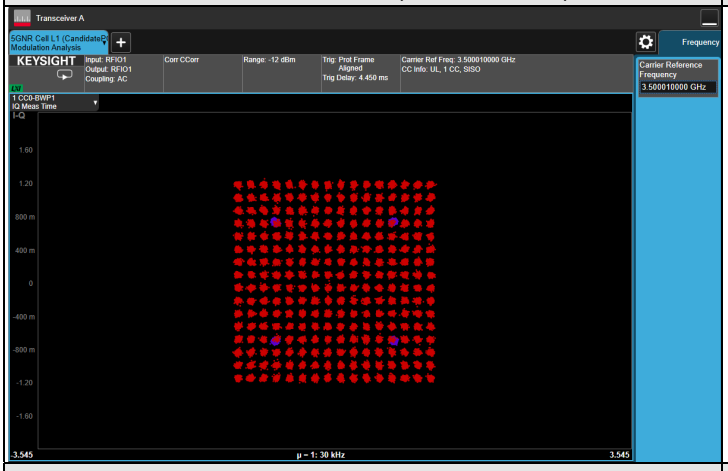
QPSK CH 633334 (3500.01 MHz)



16QAM CH 633334 (3500.01 MHz)



64QAM CH 633334 (3500.01 MHz)



256QAM CH 633334 (3500.01 MHz)

7.3 Peak to Average Ratio

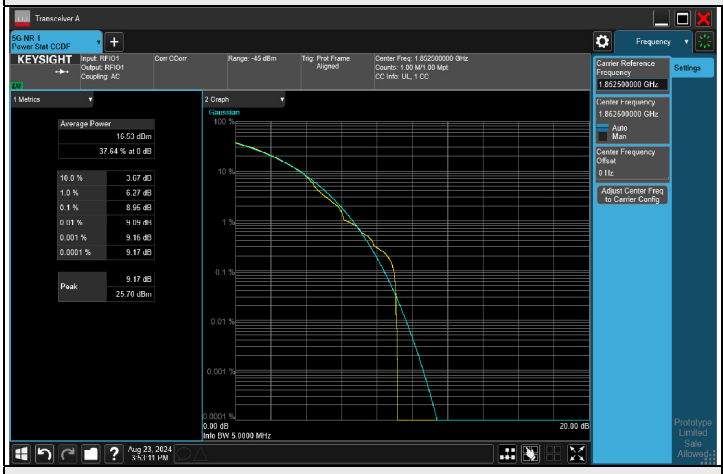
Input Power:	3.8 Vdc	Environmental Conditions:	22°C, 73% RH	Tested By:	James Yang

7.3.1 NR n2 SCS 15 kHz

NR n2 SCS 15 kHz, Channel Bandwidth: 5 MHz

Modulation	RB Size	RB Offset	Peak To Average Ratio (dB)		
			CH 370500	CH 376000	CH 381500
			1852.5 MHz	1880 MHz	1907.5 MHz
BPSK	1	24	4.42	4.32	4.08
	1	0	4.59	4.50	4.05
	25	0	4.27	4.14	4.16
QPSK	1	24	7.47	7.28	5.55
	1	0	7.59	7.49	5.71
	25	0	7.21	7.12	5.62
16QAM	1	24	7.25	7.14	6.55
	1	0	7.43	7.38	6.38
	25	0	7.25	7.11	6.45
64QAM	1	24	7.60	7.57	7.09
	1	0	7.55	7.56	7.45
	25	0	7.83	7.74	7.11
256QAM	1	24	8.95	8.94	8.9
	1	0	8.93	8.92	8.84
	25	0	8.65	8.59	8.94

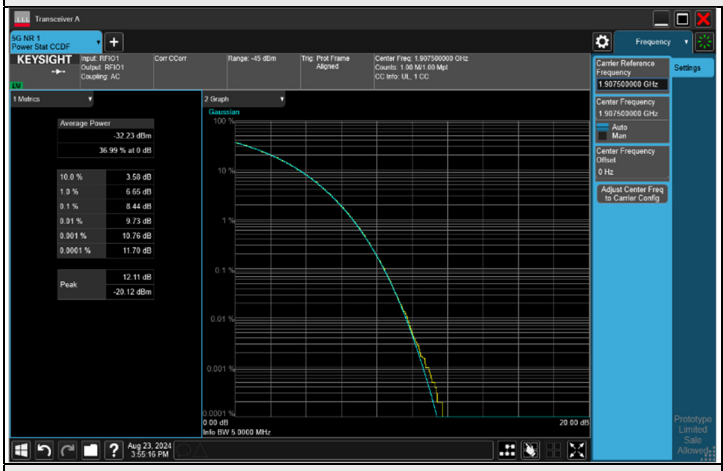
Spectrum Plot of Worst Value



256QAM CH 370500 (1852.5 MHz)

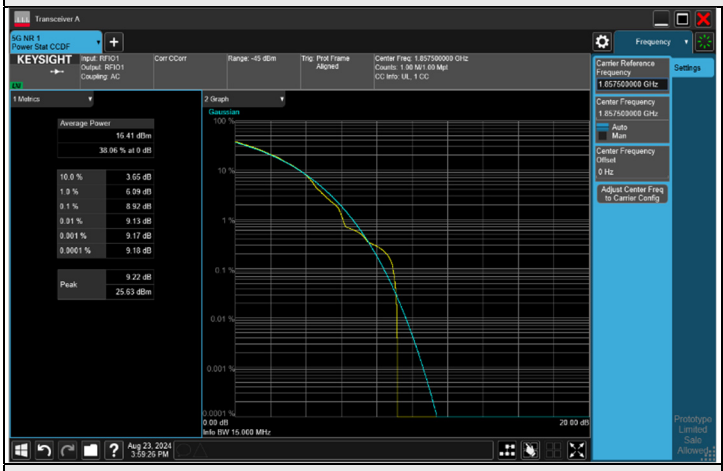
NR n2 SCS 15 kHz, Channel Bandwidth: 10 MHz

Modulation	RB Size	RB Offset	Peak To Average Ratio (dB)		
			CH 371000	CH 376000	CH 381000
			1855 MHz	1880 MHz	1905 MHz
BPSK	1	51	4.27	4.12	4.22
	1	0	4.41	4.38	4.36
	50	0	4.14	4.11	3.97
QPSK	1	51	7.36	7.24	7.43
	1	0	7.43	7.54	7.51
	52	0	6.97	6.95	6.77
16QAM	1	51	7.24	7.05	7.22
	1	0	7.31	7.39	7.37
	52	0	6.96	6.94	6.75
64QAM	1	51	7.64	7.60	7.40
	1	0	7.53	7.57	7.44
	52	0	7.60	7.59	7.37
256QAM	1	51	8.25	8.27	8.36
	1	0	8.14	8.18	8.29
	52	0	8.29	8.35	8.44

Spectrum Plot of Worst Value	
	
256QAM CH 381000 (1905 MHz)	

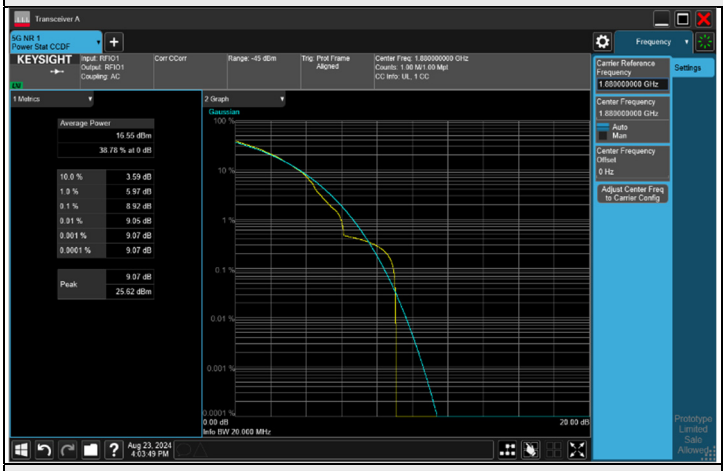
NR n2 SCS 15 kHz, Channel Bandwidth: 15 MHz

Modulation	RB Size	RB Offset	Peak To Average Ratio (dB)		
			CH 371500	CH 376000	CH 380500
			1857.5 MHz	1880 MHz	1902.5 MHz
BPSK	1	78	4.64	4.43	4.49
	1	0	4.51	4.58	4.57
	75	0	4.23	4.16	3.97
QPSK	1	78	7.65	7.35	6.75
	1	0	7.47	7.62	7.52
	79	0	7.20	7.16	7.11
16QAM	1	78	7.53	7.24	7.31
	1	0	7.38	7.54	7.43
	79	0	7.16	7.11	7.05
64QAM	1	78	7.45	7.62	7.44
	1	0	7.39	7.57	7.57
	79	0	7.75	7.75	7.64
256QAM	1	78	8.73	8.79	8.7
	1	0	8.79	8.79	8.68
	79	0	8.92	8.88	8.79

Spectrum Plot of Worst Value	
	
256QAM CH 371500 (1857.5 MHz)	

NR n2 SCS 15 kHz, Channel Bandwidth: 20 MHz

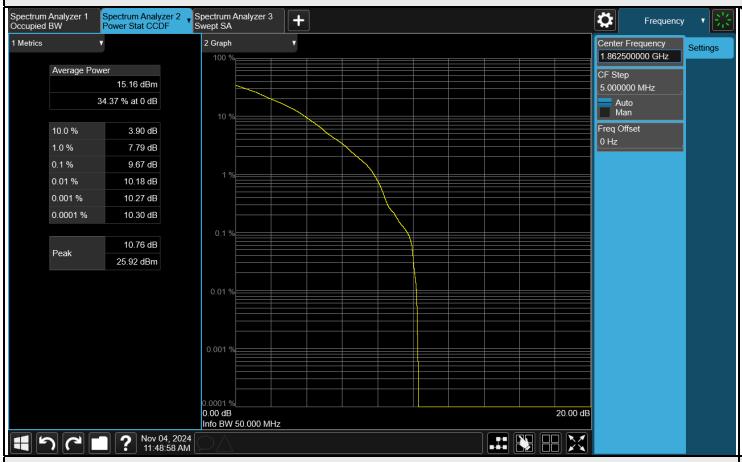
Modulation	RB Size	RB Offset	Peak To Average Ratio (dB)		
			CH 372000	CH 376000	CH 380000
			1860 MHz	1880 MHz	1900 MHz
BPSK	1	105	4.55	4.22	4.31
	1	0	4.54	4.47	4.34
	100	0	4.10	4.05	3.97
QPSK	1	105	6.93	7.35	7.49
	1	0	6.91	7.52	7.30
	106	0	7.12	7.07	7.06
16QAM	1	105	6.79	7.21	6.67
	1	0	6.82	7.53	7.29
	106	0	7.20	7.12	7.18
64QAM	1	105	7.56	7.61	7.45
	1	0	7.57	7.59	7.63
	106	0	7.73	7.67	7.62
256QAM	1	105	8.6	8.89	8.67
	1	0	8.73	8.76	8.51
	106	0	8.75	8.92	8.69

Spectrum Plot of Worst Value	
	
256QAM CH 376000 (1880 MHz)	

NR n2 SCS 15 kHz, Channel Bandwidth: 25 MHz

Modulation	RB Size	RB Offset	Peak To Average Ratio (dB)		
			CH 372500	CH 376000	CH 379500
			1862.5 MHz	1880 MHz	1897.5 MHz
BPSK	1	132	5.34	4.95	3.72
	1	0	5.26	4.92	3.85
	133	0	5.38	5.08	3.87
QPSK	1	132	6.67	6.07	5.74
	1	0	6.63	6.16	5.83
	133	0	6.72	6.2	5.9
16QAM	1	132	7.08	6.51	6.45
	1	0	6.98	6.44	6.31
	133	0	7.15	6.58	6.5
64QAM	1	132	8.54	8.77	7.61
	1	0	8.41	8.62	7.59
	133	0	8.56	8.81	7.78
256QAM	1	132	9.65	9.62	9.15
	1	0	9.54	9.51	9.25
	133	0	9.67	9.65	9.28

Spectrum Plot of Worst Value

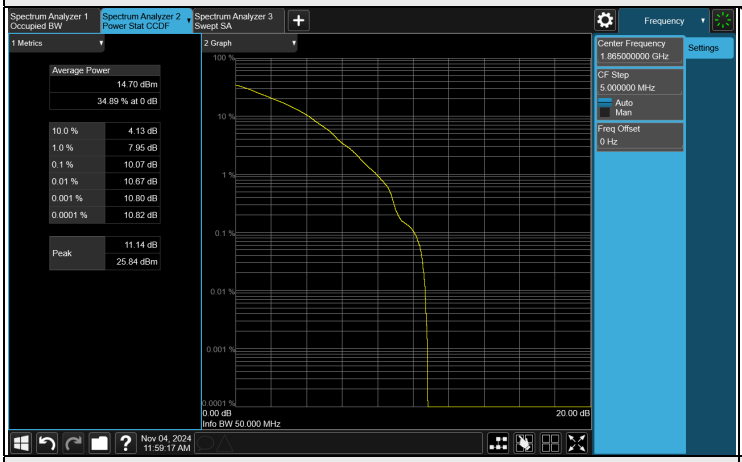


256QAM CH 372500 (1862.5 MHz)

NR n2 SCS 15 kHz, Channel Bandwidth: 30 MHz

Modulation	RB Size	RB Offset	Peak To Average Ratio (dB)		
			CH 373000	CH 376000	CH 379000
			1865 MHz	1880 MHz	1895 MHz
BPSK	1	161	5.08	4.74	4.44
	1	0	4.97	4.75	4.6
	162	0	5.13	4.85	4.64
QPSK	1	161	6.72	6.09	5.89
	1	0	6.67	6.09	5.99
	162	0	6.77	6.22	6.01
16QAM	1	161	6.61	6.69	6.35
	1	0	6.45	6.64	6.35
	162	0	6.65	6.8	6.46
64QAM	1	161	8.8	8.81	7.82
	1	0	8.64	8.85	7.83
	162	0	8.83	8.91	7.87
256QAM	1	161	9.99	9.48	9.05
	1	0	9.92	9.6	9.05
	162	0	10.07	9.68	9.22

Spectrum Plot of Worst Value

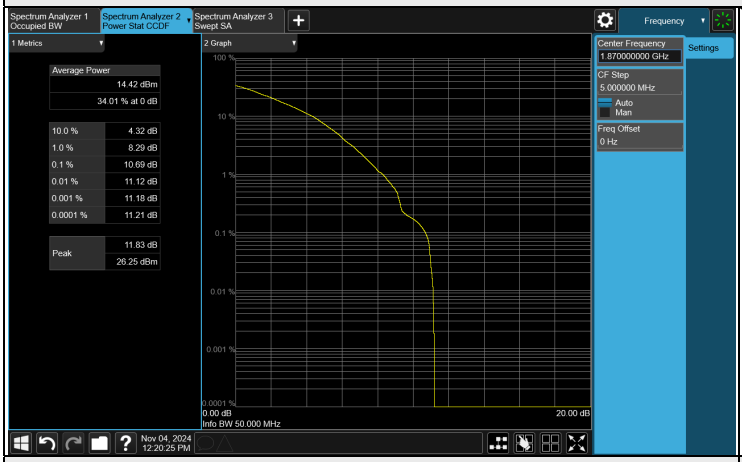


256QAM CH 373000 (1865 MHz)

NR n2 SCS 15 kHz, Channel Bandwidth: 40 MHz

Modulation	RB Size	RB Offset	Peak To Average Ratio (dB)		
			CH 374000	CH 376000	CH 378000
			1870 MHz	1880 MHz	1890 MHz
BPSK	1	215	4.73	4.47	3.59
	1	0	4.69	4.62	3.59
	216	0	4.81	4.64	3.75
QPSK	1	215	5.84	6.37	5.86
	1	0	5.83	6.33	6.03
	216	0	6.02	6.52	6.06
16QAM	1	215	7.37	6.68	6.69
	1	0	7.26	6.61	6.61
	216	0	7.43	6.73	6.74
64QAM	1	215	9.15	8.53	7.93
	1	0	9.1	8.47	7.87
	216	0	9.3	8.62	7.97
256QAM	1	215	10.6	9.44	8.96
	1	0	10.67	9.4	9.12
	216	0	10.69	9.53	9.14

Spectrum Plot of Worst Value

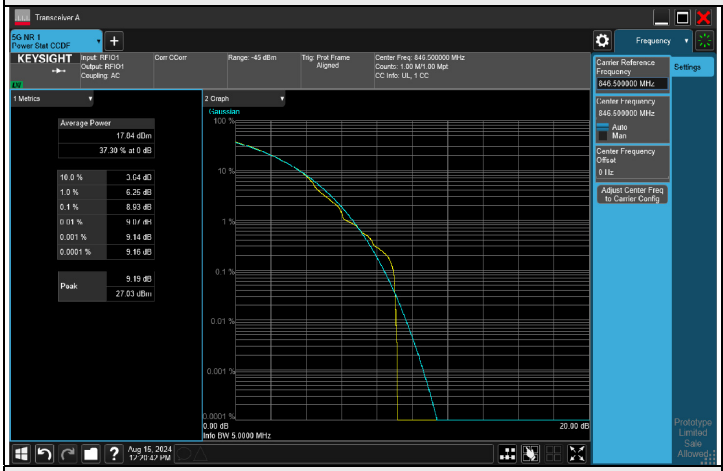
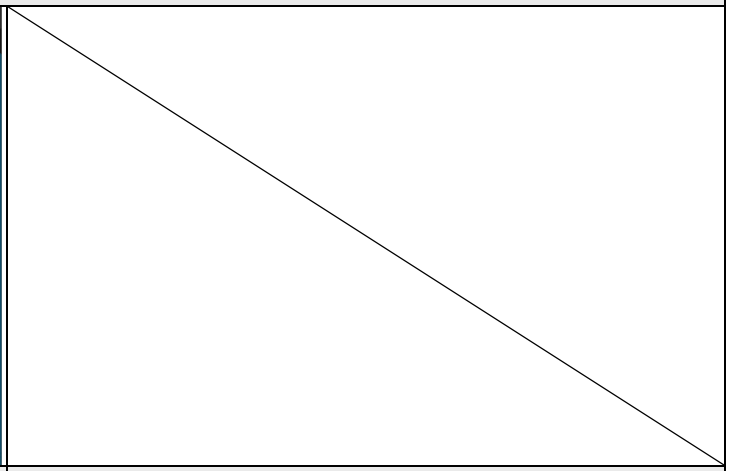


256QAM CH 374000 (1870 MHz)

7.3.2 NR n5 SCS 15 kHz

NR n5 SCS 15 kHz, Channel Bandwidth: 5 MHz

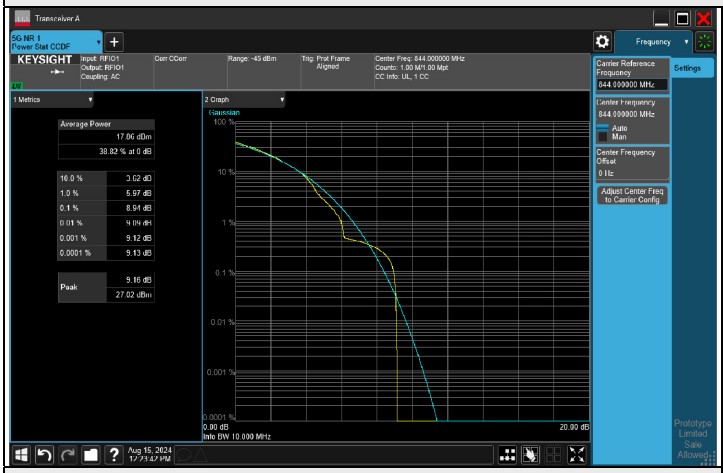
Modulation	RB Size	RB Offset	Peak To Average Ratio (dB)		
			CH 165300	CH 167300	CH 169300
			826.5 MHz	836.5 MHz	846.5 MHz
BPSK	1	24	3.69	4.24	4.38
	1	0	4.50	4.08	4.01
	25	0	3.93	4.26	4.24
QPSK	1	24	6.38	7.19	7.35
	1	0	7.50	7.09	6.51
	25	0	7.02	7.25	6.62
16QAM	1	24	6.23	7.10	7.25
	1	0	7.40	6.93	6.29
	25	0	7.01	7.20	6.62
64QAM	1	24	6.88	7.69	7.66
	1	0	7.47	7.45	6.98
	25	0	7.46	7.94	7.29
256QAM	1	24	8.53	8.92	8.93
	1	0	8.72	8.86	8.54
	25	0	8.22	8.55	8.44

Spectrum Plot of Worst Value	
	
256QAM CH 169300 (846.5 MHz)	

NR n5 SCS 15 kHz, Channel Bandwidth: 10 MHz

Modulation	RB Size	RB Offset	Peak To Average Ratio (dB)		
			CH 165800	CH 167300	CH 168800
			829 MHz	836.5 MHz	844 MHz
BPSK	1	51	3.92	4.46	4.21
	1	0	4.26	3.99	4.39
	50	0	3.97	4.40	4.35
QPSK	1	51	6.93	6.79	7.32
	1	0	7.38	6.48	7.55
	52	0	6.68	7.45	7.02
16QAM	1	51	6.80	6.65	7.22
	1	0	7.30	6.34	7.44
	52	0	6.72	7.49	7.05
64QAM	1	51	7.29	7.47	7.63
	1	0	7.46	7.04	7.67
	52	0	7.26	7.34	7.57
256QAM	1	51	8.84	8.79	8.94
	1	0	8.69	8.67	8.88
	52	0	8.22	8.52	8.31

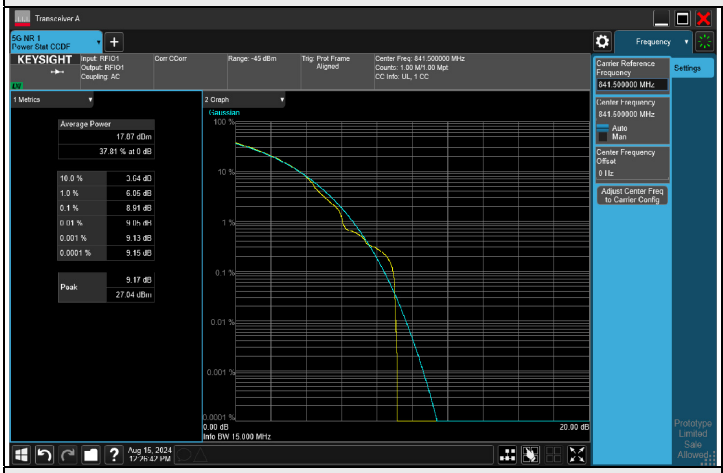
Spectrum Plot of Worst Value



256QAM CH 168800 (844 MHz)

NR n5 SCS 15 kHz, Channel Bandwidth: 15 MHz

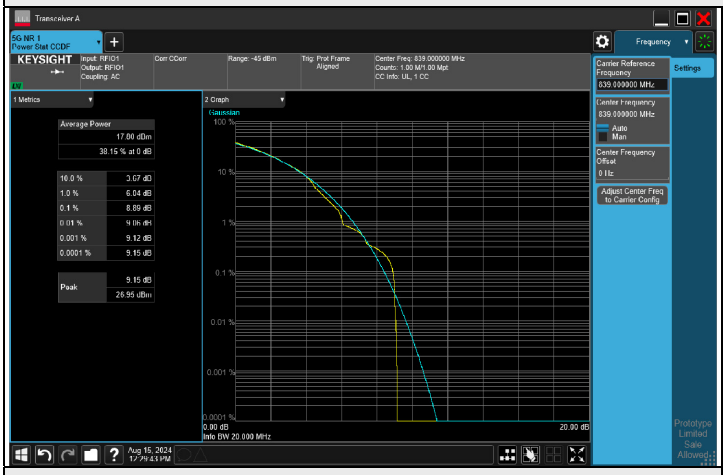
Modulation	RB Size	RB Offset	Peak To Average Ratio (dB)		
			CH 166300	CH 167300	CH 168300
			831.5 MHz	836.5 MHz	841.5 MHz
BPSK	1	78	4.33	3.91	4.50
	1	0	4.54	3.86	4.06
	75	0	4.45	4.47	3.86
QPSK	1	78	7.34	6.70	7.38
	1	0	7.53	6.21	7.07
	79	0	6.85	7.47	7.30
16QAM	1	78	7.25	6.54	7.28
	1	0	7.45	6.16	7.02
	79	0	6.85	7.45	7.17
64QAM	1	78	7.68	7.07	7.64
	1	0	7.45	6.82	7.47
	79	0	7.34	7.87	7.73
256QAM	1	78	8.89	8.48	8.91
	1	0	8.67	8.52	8.84
	79	0	8.38	8.51	8.41

Spectrum Plot of Worst Value	
	
256QAM CH 168300 (841.5 MHz)	

NR n5 SCS 15 kHz, Channel Bandwidth: 20 MHz

Modulation	RB Size	RB Offset	Peak To Average Ratio (dB)		
			CH 166800	CH 167300	CH 167800
			834 MHz	836.5 MHz	839 MHz
BPSK	1	105	3.76	4.04	4.23
	1	0	4.38	4.10	3.73
	100	0	4.41	4.48	4.06
QPSK	1	105	6.63	6.65	7.27
	1	0	7.37	6.89	6.59
	106	0	7.03	7.53	7.14
16QAM	1	105	6.43	6.49	7.14
	1	0	7.38	6.85	6.52
	106	0	7.11	7.44	7.30
64QAM	1	105	7.06	7.08	7.64
	1	0	7.45	7.04	6.89
	106	0	7.55	7.41	7.72
256QAM	1	105	8.48	8.72	8.89
	1	0	8.67	8.51	8.52
	106	0	8.59	8.56	8.61

Spectrum Plot of Worst Value

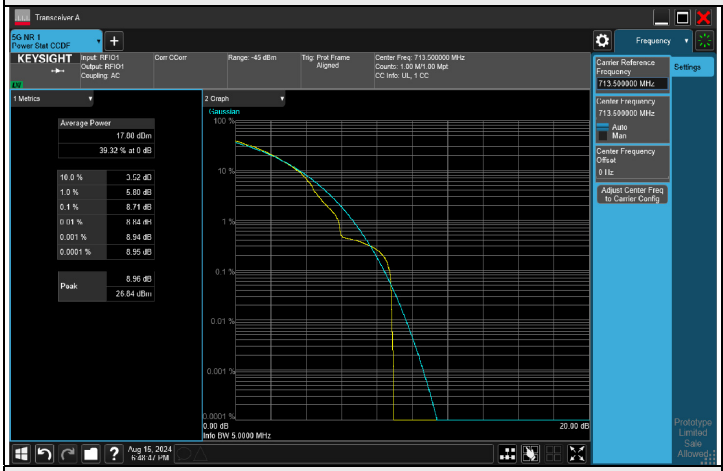
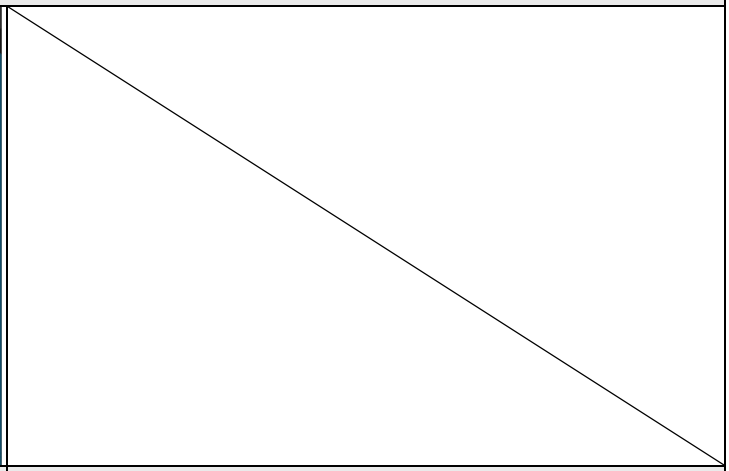


256QAM CH 167800 (839 MHz)

7.3.3 NR n12 SCS 15 kHz

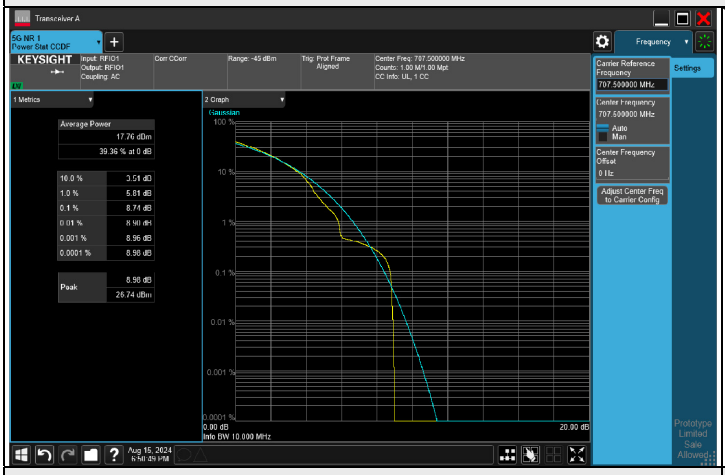
NR n12 SCS 15 kHz, Channel Bandwidth: 5 MHz

Modulation	RB Size	RB Offset	Peak To Average Ratio (dB)		
			CH 140300	CH 141500	CH 142700
			701.5 MHz	707.5 MHz	713.5 MHz
BPSK	1	24	4.32	4.29	4.14
	1	0	4.44	4.12	4.55
	25	0	4.52	3.97	4.28
QPSK	1	24	7.25	7.23	6.95
	1	0	7.56	6.96	6.75
	25	0	6.90	7.04	7.25
16QAM	1	24	7.15	7.08	6.80
	1	0	7.41	6.81	7.60
	25	0	7.53	6.96	7.21
64QAM	1	24	7.59	7.47	7.42
	1	0	7.60	7.43	7.40
	25	0	7.40	7.58	7.83
256QAM	1	24	8.69	8.62	8.64
	1	0	8.68	8.56	8.71
	25	0	8.33	8.24	8.34

Spectrum Plot of Worst Value	
	
256QAM CH 142700 (713.5 MHz)	

NR n12 SCS 15 kHz, Channel Bandwidth: 10 MHz

Modulation	RB Size	RB Offset	Peak To Average Ratio (dB)		
			CH 140800	CH 141500	CH 142200
			704 MHz	707.5 MHz	711 MHz
BPSK	1	51	4.29	4.32	3.95
	1	0	4.24	4.54	4.12
	50	0	4.50	4.03	4.38
QPSK	1	51	7.28	7.51	6.86
	1	0	7.41	6.88	7.11
	52	0	7.13	6.61	6.62
16QAM	1	51	7.11	7.36	6.70
	1	0	7.28	7.73	6.98
	52	0	7.17	6.61	7.39
64QAM	1	51	7.38	7.59	7.41
	1	0	7.60	7.58	7.35
	52	0	7.76	7.24	7.20
256QAM	1	51	8.56	8.71	8.63
	1	0	8.65	8.74	8.52
	52	0	8.39	8.26	8.19

Spectrum Plot of Worst Value	
	
256QAM CH 141500 (707.5 MHz)	