

TEST REPORT



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1. Report No : DRTFCC2605-0056

2. Customer

• Name (FCC) : LG Electronics Inc.

• Address (FCC) : 222 LG-ro, Jinwi-myeon, Pyeongtaek-si, Gyeonggi-do, South Korea, 17709

3. Use of Report : FCC Class 2 Permissive Change

4. Product Name / Model Name : Telematics / TFVWAIBG1FF
FCC ID : 2BO3LTFVWAIBG1FF

5. FCC Regulation(s): Part 22, 24, 27, 90

Test Method used: KDB971168 D01v03r01, ANSI C63.26-2015

6. Date of Test : 2026.03.18 ~ 2026.05.06

7. Location of Test : ☒ Permanent Testing Lab ☐ On Site Testing

8. Testing Environment : See appended test report.

9. Test Result : Refer to the attached Test Result

The results shown in this test report refer only to the sample(s) tested unless otherwise stated.

This test report is not related to KOLAS accreditation.

Affirmation	Tested by	Technical Manager
	Name : SeokHo Han 	Name : JaeJin Lee 

2026 . 05 . 14 .

Dt&C Co., Ltd.

If this report is required to confirmation of authenticity, please contact to report@dtnc.net

Test Report Version

Test Report No.	Date	Description	Revised by	Reviewed by
DRTFCC2605-0056	May. 14, 2026	Initial issue	SeokHo Han	JaeJin Lee

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1. GENERAL INFORMATION

Equipment Class	PCS Licensed Transmitter(PCB)
Product Name	Telematics
Model Name(s)	TFVWAIBG1FF
FVIN(Firmware Version Identification Number)	0038
EUT Serial Number	Conducted, Radiated: 601VISM684174
Power Supply	DC 12 V
Waveform	CP-OFDM, DFT-S-OFDM
Modulation type	$\pi/2$ BPSK, QPSK, 16QAM, 64QAM, 256QAM
Antenna Information	PIFA type (Internal antenna)

Antenna Information (5GNR)

Band	Antenna gain(dBi)
n71	0.84
n12	0.56
n13	0.56
n14	0.56
n26	0.19
n5	0.19
n66	2.40
n25	2.40
n2	2.40
n7	1.12
n38	1.12
n41	1.12
n78	3.25
n77	3.25

NR Frequency Band	Channel Bandwidth (MHz)	Modulation	TX Frequency (MHz)	Conducted Output Power		ERP	
				Max power (dBm)	Max power (W)	Max power (dBm)	Max power (W)
n71	20	$\pi/2$ BPSK	673 ~ 688	22.87	0.194	21.56	0.143
n71	20	QPSK	673 ~ 688	22.97	0.198	21.66	0.147
n71	20	16QAM	673 ~ 688	22.51	0.178	21.20	0.132
n71	20	64QAM	673 ~ 688	20.65	0.116	19.34	0.086
n71	20	256QAM	673 ~ 688	18.52	0.071	17.21	0.053
n71	15	$\pi/2$ BPSK	670.5 ~ 690.5	22.83	0.192	21.52	0.142
n71	15	QPSK	670.5 ~ 690.5	22.89	0.195	21.58	0.144
n71	15	16QAM	670.5 ~ 690.5	22.44	0.175	21.13	0.130
n71	15	64QAM	670.5 ~ 690.5	20.56	0.114	19.25	0.084
n71	15	256QAM	670.5 ~ 690.5	18.51	0.071	17.20	0.052
n71	10	$\pi/2$ BPSK	668 ~ 693	22.83	0.192	21.52	0.142
n71	10	QPSK	668 ~ 693	22.91	0.195	21.60	0.145
n71	10	16QAM	668 ~ 693	22.50	0.178	21.19	0.132
n71	10	64QAM	668 ~ 693	20.59	0.115	19.28	0.085
n71	10	256QAM	668 ~ 693	18.52	0.071	17.21	0.053
n71	5	$\pi/2$ BPSK	665.5 ~ 695.5	22.82	0.191	21.51	0.142
n71	5	QPSK	665.5 ~ 695.5	22.93	0.196	21.62	0.145
n71	5	16QAM	665.5 ~ 695.5	22.44	0.175	21.13	0.130
n71	5	64QAM	665.5 ~ 695.5	20.61	0.115	19.30	0.085
n71	5	256QAM	665.5 ~ 695.5	18.53	0.071	17.22	0.053
n12	15	$\pi/2$ BPSK	706.5 ~ 708.5	22.76	0.189	21.17	0.131
n12	15	QPSK	706.5 ~ 708.5	22.88	0.194	21.29	0.135
n12	15	16QAM	706.5 ~ 708.5	22.01	0.159	20.42	0.110
n12	15	64QAM	706.5 ~ 708.5	20.51	0.112	18.92	0.078
n12	15	256QAM	706.5 ~ 708.5	18.46	0.070	16.87	0.049
n12	10	$\pi/2$ BPSK	704 ~ 711	22.49	0.177	20.90	0.123
n12	10	QPSK	704 ~ 711	22.70	0.186	21.11	0.129
n12	10	16QAM	704 ~ 711	21.71	0.148	20.12	0.103
n12	10	64QAM	704 ~ 711	20.26	0.106	18.67	0.074
n12	10	256QAM	704 ~ 711	18.22	0.066	16.63	0.046
n12	5	$\pi/2$ BPSK	701.5 ~ 713.5	22.50	0.178	20.91	0.123
n12	5	QPSK	701.5 ~ 713.5	22.68	0.185	21.09	0.129
n12	5	16QAM	701.5 ~ 713.5	21.80	0.151	20.21	0.105
n12	5	64QAM	701.5 ~ 713.5	20.21	0.105	18.62	0.073
n12	5	256QAM	701.5 ~ 713.5	18.21	0.066	16.62	0.046
n13	10	$\pi/2$ BPSK	782	23.19	0.208	21.60	0.145
n13	10	QPSK	782	23.24	0.211	21.65	0.146
n13	10	16QAM	782	22.33	0.171	20.74	0.119
n13	10	64QAM	782	20.74	0.119	19.15	0.082
n13	10	256QAM	782	18.93	0.078	17.34	0.054
n13	5	$\pi/2$ BPSK	779.5 ~ 784.5	23.00	0.200	21.41	0.138
n13	5	QPSK	779.5 ~ 784.5	23.07	0.203	21.48	0.141
n13	5	16QAM	779.5 ~ 784.5	22.22	0.167	20.63	0.116
n13	5	64QAM	779.5 ~ 784.5	20.65	0.116	19.06	0.081
n13	5	256QAM	779.5 ~ 784.5	18.61	0.073	17.02	0.050

NR Frequency Band	Channel Bandwidth (MHz)	Modulation	TX Frequency (MHz)	Conducted Output Power		ERP	
				Max power (dBm)	Max power (W)	Max power (dBm)	Max power (W)
n14	10	$\pi/2$ BPSK	793	23.10	0.204	21.51	0.142
n14	10	QPSK	793	23.16	0.207	21.57	0.144
n14	10	16QAM	793	22.25	0.168	20.66	0.116
n14	10	64QAM	793	20.68	0.117	19.09	0.081
n14	10	256QAM	793	18.66	0.073	17.07	0.051
n14	5	$\pi/2$ BPSK	790.5 ~ 795.5	22.85	0.193	21.26	0.134
n14	5	QPSK	790.5 ~ 795.5	22.88	0.194	21.29	0.135
n14	5	16QAM	790.5 ~ 795.5	22.19	0.166	20.60	0.115
n14	5	64QAM	790.5 ~ 795.5	20.50	0.112	18.91	0.078
n14	5	256QAM	790.5 ~ 795.5	18.41	0.069	16.82	0.048
n26(P90)	10	$\pi/2$ BPSK	819	22.58	0.181	20.62	0.115
n26(P90)	10	QPSK	819	22.68	0.185	20.72	0.118
n26(P90)	10	16QAM	819	21.93	0.156	19.97	0.099
n26(P90)	10	64QAM	819	21.43	0.139	19.47	0.089
n26(P90)	10	256QAM	819	19.35	0.086	17.39	0.055
n26(P90)	5	$\pi/2$ BPSK	816.5 ~ 821.5	22.70	0.186	20.74	0.119
n26(P90)	5	QPSK	816.5 ~ 821.5	22.75	0.188	20.79	0.120
n26(P90)	5	16QAM	816.5 ~ 821.5	22.00	0.158	20.04	0.101
n26(P90)	5	64QAM	816.5 ~ 821.5	21.40	0.138	19.44	0.088
n26(P90)	5	256QAM	816.5 ~ 821.5	19.41	0.087	17.45	0.056
n26(P22)	20	$\pi/2$ BPSK	834 ~ 839	22.82	0.191	20.86	0.122
n26(P22)	20	QPSK	834 ~ 839	22.87	0.194	20.91	0.123
n26(P22)	20	16QAM	834 ~ 839	22.17	0.165	20.21	0.105
n26(P22)	20	64QAM	834 ~ 839	21.49	0.141	19.53	0.090
n26(P22)	20	256QAM	834 ~ 839	19.49	0.089	17.53	0.057
n26(P22)	15	$\pi/2$ BPSK	831.5 ~ 841.5	22.77	0.189	20.81	0.121
n26(P22)	15	QPSK	831.5 ~ 841.5	22.82	0.191	20.86	0.122
n26(P22)	15	16QAM	831.5 ~ 841.5	22.13	0.163	20.17	0.104
n26(P22)	15	64QAM	831.5 ~ 841.5	21.47	0.140	19.51	0.089
n26(P22)	15	256QAM	831.5 ~ 841.5	19.46	0.088	17.50	0.056
n26(P22)	10	$\pi/2$ BPSK	829 ~ 844	22.73	0.187	20.77	0.119
n26(P22)	10	QPSK	829 ~ 844	22.79	0.190	20.83	0.121
n26(P22)	10	16QAM	829 ~ 844	22.15	0.164	20.19	0.104
n26(P22)	10	64QAM	829 ~ 844	21.42	0.139	19.46	0.088
n26(P22)	10	256QAM	829 ~ 844	19.47	0.089	17.51	0.056
n26(P22)	5	$\pi/2$ BPSK	826.5 ~ 846.5	22.78	0.190	20.82	0.121
n26(P22)	5	QPSK	826.5 ~ 846.5	22.80	0.191	20.84	0.121
n26(P22)	5	16QAM	826.5 ~ 846.5	22.14	0.164	20.18	0.104
n26(P22)	5	64QAM	826.5 ~ 846.5	21.47	0.140	19.51	0.089
n26(P22)	5	256QAM	826.5 ~ 846.5	19.46	0.088	17.50	0.056

NR Frequency Band	Channel Bandwidth (MHz)	Modulation	TX Frequency (MHz)	Conducted Output Power		ERP	
				Max power (dBm)	Max power (W)	Max power (dBm)	Max power (W)
n5	20	$\pi/2$ BPSK	834 ~ 839	23.15	0.207	21.19	0.132
n5	20	QPSK	834 ~ 839	23.18	0.208	21.22	0.132
n5	20	16QAM	834 ~ 839	22.26	0.168	20.30	0.107
n5	20	64QAM	834 ~ 839	20.71	0.118	18.75	0.075
n5	20	256QAM	834 ~ 839	18.73	0.075	16.77	0.048
n5	15	$\pi/2$ BPSK	831.5 ~ 841.5	23.07	0.203	21.11	0.129
n5	15	QPSK	831.5 ~ 841.5	23.17	0.207	21.21	0.132
n5	15	16QAM	831.5 ~ 841.5	22.18	0.165	20.22	0.105
n5	15	64QAM	831.5 ~ 841.5	20.70	0.117	18.74	0.075
n5	15	256QAM	831.5 ~ 841.5	18.79	0.076	16.83	0.048
n5	10	$\pi/2$ BPSK	829 ~ 844	23.18	0.208	21.22	0.132
n5	10	QPSK	829 ~ 844	23.24	0.211	21.28	0.134
n5	10	16QAM	829 ~ 844	22.27	0.169	20.31	0.107
n5	10	64QAM	829 ~ 844	20.74	0.119	18.78	0.076
n5	10	256QAM	829 ~ 844	18.79	0.076	16.83	0.048
n5	5	$\pi/2$ BPSK	826.5 ~ 846.5	23.12	0.205	21.16	0.131
n5	5	QPSK	826.5 ~ 846.5	23.25	0.211	21.29	0.135
n5	5	16QAM	826.5 ~ 846.5	22.28	0.169	20.32	0.108
n5	5	64QAM	826.5 ~ 846.5	20.78	0.120	18.82	0.076
n5	5	256QAM	826.5 ~ 846.5	18.82	0.076	16.86	0.049

NR Frequency Band	Channel Bandwidth (MHz)	Modulation	TX Frequency (MHz)	Conducted Output Power		EIRP	
				Max power (dBm)	Max power (W)	Max power (dBm)	Max power (W)
n66	40	$\pi/2$ BPSK	1730 ~ 1760	22.84	0.192	25.24	0.334
n66	40	QPSK	1730 ~ 1760	22.95	0.197	25.35	0.343
n66	40	16QAM	1730 ~ 1760	22.02	0.159	24.42	0.277
n66	40	64QAM	1730 ~ 1760	20.57	0.114	22.97	0.198
n66	40	256QAM	1730 ~ 1760	18.48	0.070	20.88	0.122
n66	30	$\pi/2$ BPSK	1725 ~ 1765	22.87	0.194	25.27	0.337
n66	30	QPSK	1725 ~ 1765	22.91	0.195	25.31	0.340
n66	30	16QAM	1725 ~ 1765	22.01	0.159	24.41	0.276
n66	30	64QAM	1725 ~ 1765	20.58	0.114	22.98	0.199
n66	30	256QAM	1725 ~ 1765	18.51	0.071	20.91	0.123
n66	25	$\pi/2$ BPSK	1722.5 ~ 1767.5	22.80	0.191	25.20	0.331
n66	25	QPSK	1722.5 ~ 1767.5	22.91	0.195	25.31	0.340
n66	25	16QAM	1722.5 ~ 1767.5	22.00	0.158	24.40	0.275
n66	25	64QAM	1722.5 ~ 1767.5	20.60	0.115	23.00	0.200
n66	25	256QAM	1722.5 ~ 1767.5	18.51	0.071	20.91	0.123
n66	20	$\pi/2$ BPSK	1720 ~ 1770	22.80	0.191	25.20	0.331
n66	20	QPSK	1720 ~ 1770	22.92	0.196	25.32	0.340
n66	20	16QAM	1720 ~ 1770	22.03	0.160	24.43	0.277
n66	20	64QAM	1720 ~ 1770	20.59	0.115	22.99	0.199
n66	20	256QAM	1720 ~ 1770	18.51	0.071	20.91	0.123
n66	15	$\pi/2$ BPSK	1717.5 ~ 1772.5	22.81	0.191	25.21	0.332
n66	15	QPSK	1717.5 ~ 1772.5	22.92	0.196	25.32	0.340
n66	15	16QAM	1717.5 ~ 1772.5	22.01	0.159	24.41	0.276
n66	15	64QAM	1717.5 ~ 1772.5	20.55	0.114	22.95	0.197
n66	15	256QAM	1717.5 ~ 1772.5	18.49	0.071	20.89	0.123
n66	10	$\pi/2$ BPSK	1715 ~ 1775	22.83	0.192	25.23	0.333
n66	10	QPSK	1715 ~ 1775	22.87	0.194	25.27	0.337
n66	10	16QAM	1715 ~ 1775	22.01	0.159	24.41	0.276
n66	10	64QAM	1715 ~ 1775	20.59	0.115	22.99	0.199
n66	10	256QAM	1715 ~ 1775	18.47	0.070	20.87	0.122
n66	5	$\pi/2$ BPSK	1712.5 ~ 1777.5	22.86	0.193	25.26	0.336
n66	5	QPSK	1712.5 ~ 1777.5	22.96	0.198	25.36	0.344
n66	5	16QAM	1712.5 ~ 1777.5	22.01	0.159	24.41	0.276
n66	5	64QAM	1712.5 ~ 1777.5	20.55	0.114	22.95	0.197
n66	5	256QAM	1712.5 ~ 1777.5	18.47	0.070	20.87	0.122

NR Frequency Band	Channel Bandwidth (MHz)	Modulation	TX Frequency (MHz)	Conducted Output Power		EIRP	
				Max power (dBm)	Max power (W)	Max power (dBm)	Max power (W)
n2	40	$\pi/2$ BPSK	1870 ~ 1890	22.55	0.180	24.95	0.313
n2	40	QPSK	1870 ~ 1890	22.68	0.185	25.08	0.322
n2	40	16QAM	1870 ~ 1890	21.69	0.148	24.09	0.256
n2	40	64QAM	1870 ~ 1890	20.21	0.105	22.61	0.182
n2	40	256QAM	1870 ~ 1890	18.25	0.067	20.65	0.116
n2	30	$\pi/2$ BPSK	1865 ~ 1895	22.30	0.170	24.70	0.295
n2	30	QPSK	1865 ~ 1895	22.49	0.177	24.89	0.308
n2	30	16QAM	1865 ~ 1895	21.55	0.143	23.95	0.248
n2	30	64QAM	1865 ~ 1895	20.05	0.101	22.45	0.176
n2	30	256QAM	1865 ~ 1895	18.12	0.065	20.52	0.113
n2	25	$\pi/2$ BPSK	1862.5 ~ 1897.5	22.44	0.175	24.84	0.305
n2	25	QPSK	1862.5 ~ 1897.5	22.55	0.180	24.95	0.313
n2	25	16QAM	1862.5 ~ 1897.5	21.60	0.145	24.00	0.251
n2	25	64QAM	1862.5 ~ 1897.5	20.08	0.102	22.48	0.177
n2	25	256QAM	1862.5 ~ 1897.5	18.75	0.075	21.15	0.130
n2	20	$\pi/2$ BPSK	1860 ~ 1900	22.48	0.177	24.88	0.308
n2	20	QPSK	1860 ~ 1900	22.53	0.179	24.93	0.311
n2	20	16QAM	1860 ~ 1900	21.63	0.146	24.03	0.253
n2	20	64QAM	1860 ~ 1900	20.09	0.102	22.49	0.177
n2	20	256QAM	1860 ~ 1900	18.14	0.065	20.54	0.113
n2	15	$\pi/2$ BPSK	1857.5 ~ 1902.5	22.49	0.177	24.89	0.308
n2	15	QPSK	1857.5 ~ 1902.5	22.60	0.182	25.00	0.316
n2	15	16QAM	1857.5 ~ 1902.5	21.62	0.145	24.02	0.252
n2	15	64QAM	1857.5 ~ 1902.5	20.13	0.103	22.53	0.179
n2	15	256QAM	1857.5 ~ 1902.5	18.13	0.065	20.53	0.113
n2	10	$\pi/2$ BPSK	1855 ~ 1905	22.43	0.175	24.83	0.304
n2	10	QPSK	1855 ~ 1905	22.57	0.181	24.97	0.314
n2	10	16QAM	1855 ~ 1905	21.64	0.146	24.04	0.254
n2	10	64QAM	1855 ~ 1905	20.11	0.103	22.51	0.178
n2	10	256QAM	1855 ~ 1905	18.12	0.065	20.52	0.113
n2	5	$\pi/2$ BPSK	1852.5 ~ 1907.5	22.55	0.180	24.95	0.313
n2	5	QPSK	1852.5 ~ 1907.5	22.58	0.181	24.98	0.315
n2	5	16QAM	1852.5 ~ 1907.5	21.65	0.146	24.05	0.254
n2	5	64QAM	1852.5 ~ 1907.5	20.10	0.102	22.50	0.178
n2	5	256QAM	1852.5 ~ 1907.5	18.16	0.065	20.56	0.114

NR Frequency Band	Channel Bandwidth (MHz)	Modulation	TX Frequency (MHz)	Conducted Output Power		EIRP	
				Max power (dBm)	Max power (W)	Max power (dBm)	Max power (W)
n25	40	$\pi/2$ BPSK	1870 ~ 1895	22.80	0.191	25.20	0.331
n25	40	QPSK	1870 ~ 1895	22.84	0.192	25.24	0.334
n25	40	16QAM	1870 ~ 1895	21.93	0.156	24.33	0.271
n25	40	64QAM	1870 ~ 1895	21.24	0.133	23.64	0.231
n25	40	256QAM	1870 ~ 1895	19.21	0.083	21.61	0.145
n25	30	$\pi/2$ BPSK	1865 ~ 1900	22.71	0.187	25.11	0.324
n25	30	QPSK	1865 ~ 1900	22.76	0.189	25.16	0.328
n25	30	16QAM	1865 ~ 1900	22.70	0.186	25.10	0.324
n25	30	64QAM	1865 ~ 1900	21.20	0.132	23.60	0.229
n25	30	256QAM	1865 ~ 1900	19.21	0.083	21.61	0.145
n25	25	$\pi/2$ BPSK	1862.5 ~ 1902.5	22.74	0.188	25.14	0.327
n25	25	QPSK	1862.5 ~ 1902.5	22.76	0.189	25.16	0.328
n25	25	16QAM	1862.5 ~ 1902.5	21.90	0.155	24.30	0.269
n25	25	64QAM	1862.5 ~ 1902.5	21.24	0.133	23.64	0.231
n25	25	256QAM	1862.5 ~ 1902.5	19.24	0.084	21.64	0.146
n25	20	$\pi/2$ BPSK	1860 ~ 1905	22.76	0.189	25.16	0.328
n25	20	QPSK	1860 ~ 1905	22.79	0.190	25.19	0.330
n25	20	16QAM	1860 ~ 1905	21.84	0.153	24.24	0.265
n25	20	64QAM	1860 ~ 1905	21.18	0.131	23.58	0.228
n25	20	256QAM	1860 ~ 1905	19.23	0.084	21.63	0.146
n25	15	$\pi/2$ BPSK	1857.5 ~ 1907.5	22.69	0.186	25.09	0.323
n25	15	QPSK	1857.5 ~ 1907.5	22.75	0.188	25.15	0.327
n25	15	16QAM	1857.5 ~ 1907.5	21.89	0.155	24.29	0.269
n25	15	64QAM	1857.5 ~ 1907.5	21.21	0.132	23.61	0.230
n25	15	256QAM	1857.5 ~ 1907.5	19.22	0.084	21.62	0.145
n25	10	$\pi/2$ BPSK	1855 ~ 1910	22.72	0.187	25.12	0.325
n25	10	QPSK	1855 ~ 1910	22.77	0.189	25.17	0.329
n25	10	16QAM	1855 ~ 1910	21.89	0.155	24.29	0.269
n25	10	64QAM	1855 ~ 1910	21.22	0.132	23.62	0.230
n25	10	256QAM	1855 ~ 1910	19.24	0.084	21.64	0.146
n25	5	$\pi/2$ BPSK	1852.5 ~ 1912.5	22.71	0.187	25.11	0.324
n25	5	QPSK	1852.5 ~ 1912.5	22.79	0.190	25.19	0.330
n25	5	16QAM	1852.5 ~ 1912.5	21.88	0.154	24.28	0.268
n25	5	64QAM	1852.5 ~ 1912.5	21.25	0.133	23.65	0.232
n25	5	256QAM	1852.5 ~ 1912.5	19.23	0.084	21.63	0.146

NR Frequency Band	Channel Bandwidth (MHz)	Modulation	TX Frequency (MHz)	Conducted Output Power		EIRP	
				Max power (dBm)	Max power (W)	Max power (dBm)	Max power (W)
n7	40	$\pi/2$ BPSK	2520 ~ 2550	22.25	0.168	23.37	0.217
n7	40	QPSK	2520 ~ 2550	22.31	0.170	23.43	0.220
n7	40	16QAM	2520 ~ 2550	21.41	0.138	22.53	0.179
n7	40	64QAM	2520 ~ 2550	19.92	0.098	21.04	0.127
n7	40	256QAM	2520 ~ 2550	17.88	0.061	19.00	0.079
n7	30	$\pi/2$ BPSK	2515 ~ 2555	22.23	0.167	23.35	0.216
n7	30	QPSK	2515 ~ 2555	22.29	0.169	23.41	0.219
n7	30	16QAM	2515 ~ 2555	21.29	0.135	22.41	0.174
n7	30	64QAM	2515 ~ 2555	19.88	0.097	21.00	0.126
n7	30	256QAM	2515 ~ 2555	17.87	0.061	18.99	0.079
n7	25	$\pi/2$ BPSK	2512.5 ~ 2557.5	22.24	0.167	23.36	0.217
n7	25	QPSK	2512.5 ~ 2557.5	22.29	0.169	23.41	0.219
n7	25	16QAM	2512.5 ~ 2557.5	21.33	0.136	22.45	0.176
n7	25	64QAM	2512.5 ~ 2557.5	19.95	0.099	21.07	0.128
n7	25	256QAM	2512.5 ~ 2557.5	17.86	0.061	18.98	0.079
n7	20	$\pi/2$ BPSK	2510 ~ 2560	22.13	0.163	23.25	0.211
n7	20	QPSK	2510 ~ 2560	22.27	0.169	23.39	0.218
n7	20	16QAM	2510 ~ 2560	21.31	0.135	22.43	0.175
n7	20	64QAM	2510 ~ 2560	19.90	0.098	21.02	0.126
n7	20	256QAM	2510 ~ 2560	17.85	0.061	18.97	0.079
n7	15	$\pi/2$ BPSK	2507.5 ~ 2562.5	22.18	0.165	23.30	0.214
n7	15	QPSK	2507.5 ~ 2562.5	22.29	0.169	23.41	0.219
n7	15	16QAM	2507.5 ~ 2562.5	21.32	0.136	22.44	0.175
n7	15	64QAM	2507.5 ~ 2562.5	19.92	0.098	21.04	0.127
n7	15	256QAM	2507.5 ~ 2562.5	17.92	0.062	19.04	0.080
n7	10	$\pi/2$ BPSK	2505 ~ 2565	22.21	0.166	23.33	0.215
n7	10	QPSK	2505 ~ 2565	22.26	0.168	23.38	0.218
n7	10	16QAM	2505 ~ 2565	21.32	0.136	22.44	0.175
n7	10	64QAM	2505 ~ 2565	19.90	0.098	21.02	0.126
n7	10	256QAM	2505 ~ 2565	17.87	0.061	18.99	0.079
n7	5	$\pi/2$ BPSK	2502.5 ~ 2567.5	22.20	0.166	23.32	0.215
n7	5	QPSK	2502.5 ~ 2567.5	22.25	0.168	23.37	0.217
n7	5	16QAM	2502.5 ~ 2567.5	21.31	0.135	22.43	0.175
n7	5	64QAM	2502.5 ~ 2567.5	19.87	0.097	20.99	0.126
n7	5	256QAM	2502.5 ~ 2567.5	17.88	0.061	19.00	0.079

NR Frequency Band	Channel Bandwidth (MHz)	Modulation	TX Frequency (MHz)	Conducted Output Power		EIRP	
				Max power (dBm)	Max power (W)	Max power (dBm)	Max power (W)
n41	100	$\pi/2$ BPSK	2546.01 ~ 2640.00	22.89	0.195	24.01	0.252
n41	100	QPSK	2546.01 ~ 2640.00	22.96	0.198	24.08	0.256
n41	100	16QAM	2546.01 ~ 2640.00	22.15	0.164	23.27	0.212
n41	100	64QAM	2546.01 ~ 2640.00	20.70	0.117	21.82	0.152
n41	100	256QAM	2546.01 ~ 2640.00	18.63	0.073	19.75	0.094
n41	90	$\pi/2$ BPSK	2541.00 ~ 2644.98	22.84	0.192	23.96	0.249
n41	90	QPSK	2541.00 ~ 2644.98	22.91	0.195	24.03	0.253
n41	90	16QAM	2541.00 ~ 2644.98	22.13	0.163	23.25	0.211
n41	90	64QAM	2541.00 ~ 2644.98	20.64	0.116	21.76	0.150
n41	90	256QAM	2541.00 ~ 2644.98	18.59	0.072	19.71	0.094
n41	80	$\pi/2$ BPSK	2536.02 ~ 2649.99	22.80	0.191	23.92	0.247
n41	80	QPSK	2536.02 ~ 2649.99	22.91	0.195	24.03	0.253
n41	80	16QAM	2536.02 ~ 2649.99	22.13	0.163	23.25	0.211
n41	80	64QAM	2536.02 ~ 2649.99	20.67	0.117	21.79	0.151
n41	80	256QAM	2536.02 ~ 2649.99	18.57	0.072	19.69	0.093
n41	70	$\pi/2$ BPSK	2531.01 ~ 2655.00	22.87	0.194	23.99	0.251
n41	70	QPSK	2531.01 ~ 2655.00	22.94	0.197	24.06	0.255
n41	70	16QAM	2531.01 ~ 2655.00	22.11	0.163	23.23	0.210
n41	70	64QAM	2531.01 ~ 2655.00	20.64	0.116	21.76	0.150
n41	70	256QAM	2531.01 ~ 2655.00	18.53	0.071	19.65	0.092
n41	60	$\pi/2$ BPSK	2526.00 ~ 2659.98	22.83	0.192	23.95	0.248
n41	60	QPSK	2526.00 ~ 2659.98	22.91	0.195	24.03	0.253
n41	60	16QAM	2526.00 ~ 2659.98	22.12	0.163	23.24	0.211
n41	60	64QAM	2526.00 ~ 2659.98	20.66	0.116	21.78	0.151
n41	60	256QAM	2526.00 ~ 2659.98	18.64	0.073	19.76	0.095
n41	50	$\pi/2$ BPSK	2521.02 ~ 2664.99	22.84	0.192	23.96	0.249
n41	50	QPSK	2521.02 ~ 2664.99	22.89	0.195	24.01	0.252
n41	50	16QAM	2521.02 ~ 2664.99	22.12	0.163	23.24	0.211
n41	50	64QAM	2521.02 ~ 2664.99	20.65	0.116	21.77	0.150
n41	50	256QAM	2521.02 ~ 2664.99	18.55	0.072	19.67	0.093
n41	40	$\pi/2$ BPSK	2516.01 ~ 2670.00	22.79	0.190	23.91	0.246
n41	40	QPSK	2516.01 ~ 2670.00	22.84	0.192	23.96	0.249
n41	40	16QAM	2516.01 ~ 2670.00	22.14	0.164	23.26	0.212
n41	40	64QAM	2516.01 ~ 2670.00	20.66	0.116	21.78	0.151
n41	40	256QAM	2516.01 ~ 2670.00	18.62	0.073	19.74	0.094
n41	30	$\pi/2$ BPSK	2511.00 ~ 2674.98	22.82	0.191	23.94	0.248
n41	30	QPSK	2511.00 ~ 2674.98	22.92	0.196	24.04	0.254
n41	30	16QAM	2511.00 ~ 2674.98	22.13	0.163	23.25	0.211
n41	30	64QAM	2511.00 ~ 2674.98	20.61	0.115	21.73	0.149
n41	30	256QAM	2511.00 ~ 2674.98	18.61	0.073	19.73	0.094
n41	20	$\pi/2$ BPSK	2506.02 ~ 2679.99	22.84	0.192	23.96	0.249
n41	20	QPSK	2506.02 ~ 2679.99	22.91	0.195	24.03	0.253
n41	20	16QAM	2506.02 ~ 2679.99	22.10	0.162	23.22	0.210
n41	20	64QAM	2506.02 ~ 2679.99	20.65	0.116	21.77	0.150
n41	20	256QAM	2506.02 ~ 2679.99	18.63	0.073	19.75	0.094
n41	10	$\pi/2$ BPSK	2501.01 ~ 2685.00	22.85	0.193	23.97	0.249
n41	10	QPSK	2501.01 ~ 2685.00	22.87	0.194	23.99	0.251
n41	10	16QAM	2501.01 ~ 2685.00	22.06	0.161	23.18	0.208
n41	10	64QAM	2501.01 ~ 2685.00	20.68	0.117	21.80	0.151
n41	10	256QAM	2501.01 ~ 2685.00	18.62	0.073	19.74	0.094

NR Frequency Band	Channel Bandwidth (MHz)	Modulation	TX Frequency (MHz)	Conducted Output Power		EIRP	
				Max power (dBm)	Max power (W)	Max power (dBm)	Max power (W)
n38	40	$\pi/2$ BPSK	2590 ~ 2600	23.01	0.200	24.13	0.259
n38	40	QPSK	2590 ~ 2600	23.12	0.205	24.24	0.265
n38	40	16QAM	2590 ~ 2600	22.21	0.166	23.33	0.215
n38	40	64QAM	2590 ~ 2600	20.73	0.118	21.85	0.153
n38	40	256QAM	2590 ~ 2600	18.79	0.076	19.91	0.098
n38	30	$\pi/2$ BPSK	2585 ~ 2605	22.98	0.199	24.10	0.257
n38	30	QPSK	2585 ~ 2605	23.03	0.201	24.15	0.260
n38	30	16QAM	2585 ~ 2605	22.18	0.165	23.30	0.214
n38	30	64QAM	2585 ~ 2605	20.67	0.117	21.79	0.151
n38	30	256QAM	2585 ~ 2605	18.76	0.075	19.88	0.097
n38	20	$\pi/2$ BPSK	2580 ~ 2610	22.92	0.196	24.04	0.254
n38	20	QPSK	2580 ~ 2610	23.05	0.202	24.17	0.261
n38	20	16QAM	2580 ~ 2610	22.13	0.163	23.25	0.211
n38	20	64QAM	2580 ~ 2610	20.69	0.117	21.81	0.152
n38	20	256QAM	2580 ~ 2610	18.78	0.076	19.90	0.098
n38	10	$\pi/2$ BPSK	2575 ~ 2615	22.93	0.196	24.05	0.254
n38	10	QPSK	2575 ~ 2615	23.08	0.203	24.20	0.263
n38	10	16QAM	2575 ~ 2615	22.19	0.166	23.31	0.214
n38	10	64QAM	2575 ~ 2615	20.70	0.117	21.82	0.152
n38	10	256QAM	2575 ~ 2615	18.78	0.076	19.90	0.098

3450 ~ 3550 MHz band

NR Frequency Band	Channel Bandwidth (MHz)	Modulation	TX Frequency (MHz)	Conducted Output Power		EIRP	
				Max power (dBm)	Max power (W)	Max power (dBm)	Max power (W)
n78	100	$\pi/2$ BPSK	3500.01	25.34	0.342	28.59	0.723
n78	100	QPSK	3500.01	25.41	0.348	28.66	0.735
n78	100	16QAM	3500.01	24.57	0.286	27.82	0.605
n78	100	64QAM	3500.01	23.34	0.216	26.59	0.456
n78	100	256QAM	3500.01	21.01	0.126	24.26	0.267
n78	90	$\pi/2$ BPSK	3495.00 ~ 3504.99	25.21	0.332	28.46	0.701
n78	90	QPSK	3495.00 ~ 3504.99	25.35	0.343	28.60	0.724
n78	90	16QAM	3495.00 ~ 3504.99	24.40	0.275	27.65	0.582
n78	90	64QAM	3495.00 ~ 3504.99	23.20	0.209	26.45	0.442
n78	90	256QAM	3495.00 ~ 3504.99	20.94	0.124	24.19	0.262
n78	80	$\pi/2$ BPSK	3490.02 ~ 3510.00	25.34	0.342	28.59	0.723
n78	80	QPSK	3490.02 ~ 3510.00	25.38	0.345	28.63	0.729
n78	80	16QAM	3490.02 ~ 3510.00	24.53	0.284	27.78	0.600
n78	80	64QAM	3490.02 ~ 3510.00	23.23	0.210	26.48	0.445
n78	80	256QAM	3490.02 ~ 3510.00	20.93	0.124	24.18	0.262
n78	70	$\pi/2$ BPSK	3485.01 ~ 3515.01	25.32	0.340	28.57	0.719
n78	70	QPSK	3485.01 ~ 3515.01	25.39	0.346	28.64	0.731
n78	70	16QAM	3485.01 ~ 3515.01	24.51	0.282	27.76	0.597
n78	70	64QAM	3485.01 ~ 3515.01	23.22	0.210	26.47	0.444
n78	70	256QAM	3485.01 ~ 3515.01	21.02	0.126	24.27	0.267
n78	60	$\pi/2$ BPSK	3480.00 ~ 3519.99	25.32	0.340	28.57	0.719
n78	60	QPSK	3480.00 ~ 3519.99	25.40	0.347	28.65	0.733
n78	60	16QAM	3480.00 ~ 3519.99	24.47	0.280	27.72	0.592
n78	60	64QAM	3480.00 ~ 3519.99	23.15	0.207	26.40	0.437
n78	60	256QAM	3480.00 ~ 3519.99	21.00	0.126	24.25	0.266
n78	50	$\pi/2$ BPSK	3475.02 ~ 3525.00	25.33	0.341	28.58	0.721
n78	50	QPSK	3475.02 ~ 3525.00	25.40	0.347	28.65	0.733
n78	50	16QAM	3475.02 ~ 3525.00	24.48	0.281	27.73	0.593
n78	50	64QAM	3475.02 ~ 3525.00	23.22	0.210	26.47	0.444
n78	50	256QAM	3475.02 ~ 3525.00	20.99	0.126	24.24	0.265
n78	40	$\pi/2$ BPSK	3470.01 ~ 3530.01	25.30	0.339	28.55	0.716
n78	40	QPSK	3470.01 ~ 3530.01	25.37	0.344	28.62	0.728
n78	40	16QAM	3470.01 ~ 3530.01	24.53	0.284	27.78	0.600
n78	40	64QAM	3470.01 ~ 3530.01	23.33	0.215	26.58	0.455
n78	40	256QAM	3470.01 ~ 3530.01	21.00	0.126	24.25	0.266
n78	30	$\pi/2$ BPSK	3465.00 ~ 3534.99	25.27	0.337	28.52	0.711
n78	30	QPSK	3465.00 ~ 3534.99	25.39	0.346	28.64	0.731
n78	30	16QAM	3465.00 ~ 3534.99	24.57	0.286	27.82	0.605
n78	30	64QAM	3465.00 ~ 3534.99	23.33	0.215	26.58	0.455
n78	30	256QAM	3465.00 ~ 3534.99	21.06	0.128	24.31	0.270
n78	20	$\pi/2$ BPSK	3460.02 ~ 3540.00	25.29	0.338	28.54	0.714
n78	20	QPSK	3460.02 ~ 3540.00	25.39	0.346	28.64	0.731
n78	20	16QAM	3460.02 ~ 3540.00	24.47	0.280	27.72	0.592
n78	20	64QAM	3460.02 ~ 3540.00	23.33	0.215	26.58	0.455
n78	20	256QAM	3460.02 ~ 3540.00	21.05	0.127	24.30	0.269
n78	10	$\pi/2$ BPSK	3455.01 ~ 3545.01	25.31	0.340	28.56	0.718
n78	10	QPSK	3455.01 ~ 3545.01	25.39	0.346	28.64	0.731
n78	10	16QAM	3455.01 ~ 3545.01	24.43	0.277	27.68	0.586
n78	10	64QAM	3455.01 ~ 3545.01	23.26	0.212	26.51	0.448
n78	10	256QAM	3455.01 ~ 3545.01	21.02	0.126	24.27	0.267

3450 ~ 3550 MHz band

NR Frequency Band	Channel Bandwidth (MHz)	Modulation	TX Frequency (MHz)	Conducted Output Power		EIRP	
				Max power (dBm)	Max power (W)	Max power (dBm)	Max power (W)
n77	100	$\pi/2$ BPSK	3500.01	25.37	0.344	28.62	0.728
n77	100	QPSK	3500.01	25.47	0.352	28.72	0.745
n77	100	16QAM	3500.01	25.01	0.317	28.26	0.670
n77	100	64QAM	3500.01	23.15	0.207	26.40	0.437
n77	100	256QAM	3500.01	21.02	0.126	24.27	0.267
n77	90	$\pi/2$ BPSK	3495.00 ~ 3504.99	25.29	0.338	28.54	0.714
n77	90	QPSK	3495.00 ~ 3504.99	25.40	0.347	28.65	0.733
n77	90	16QAM	3495.00 ~ 3504.99	24.49	0.281	27.74	0.594
n77	90	64QAM	3495.00 ~ 3504.99	23.01	0.200	26.26	0.423
n77	90	256QAM	3495.00 ~ 3504.99	21.07	0.128	24.32	0.270
n77	80	$\pi/2$ BPSK	3490.02 ~ 3510.00	25.21	0.332	28.46	0.701
n77	80	QPSK	3490.02 ~ 3510.00	25.27	0.337	28.52	0.711
n77	80	16QAM	3490.02 ~ 3510.00	24.33	0.271	27.58	0.573
n77	80	64QAM	3490.02 ~ 3510.00	22.79	0.190	26.04	0.402
n77	80	256QAM	3490.02 ~ 3510.00	20.81	0.121	24.06	0.255
n77	70	$\pi/2$ BPSK	3485.01 ~ 3515.01	25.10	0.324	28.35	0.684
n77	70	QPSK	3485.01 ~ 3515.01	25.19	0.330	28.44	0.698
n77	70	16QAM	3485.01 ~ 3515.01	24.35	0.272	27.60	0.575
n77	70	64QAM	3485.01 ~ 3515.01	22.73	0.187	25.98	0.396
n77	70	256QAM	3485.01 ~ 3515.01	20.74	0.119	23.99	0.251
n77	60	$\pi/2$ BPSK	3480.00 ~ 3519.99	25.13	0.326	28.38	0.689
n77	60	QPSK	3480.00 ~ 3519.99	25.26	0.336	28.51	0.710
n77	60	16QAM	3480.00 ~ 3519.99	24.36	0.273	27.61	0.577
n77	60	64QAM	3480.00 ~ 3519.99	22.76	0.189	26.01	0.399
n77	60	256QAM	3480.00 ~ 3519.99	20.80	0.120	24.05	0.254
n77	50	$\pi/2$ BPSK	3475.02 ~ 3525.00	25.19	0.330	28.44	0.698
n77	50	QPSK	3475.02 ~ 3525.00	25.33	0.341	28.58	0.721
n77	50	16QAM	3475.02 ~ 3525.00	24.38	0.274	27.63	0.579
n77	50	64QAM	3475.02 ~ 3525.00	22.89	0.195	26.14	0.411
n77	50	256QAM	3475.02 ~ 3525.00	20.85	0.122	24.10	0.257
n77	40	$\pi/2$ BPSK	3470.01 ~ 3529.98	25.26	0.336	28.51	0.710
n77	40	QPSK	3470.01 ~ 3529.98	25.39	0.346	28.64	0.731
n77	40	16QAM	3470.01 ~ 3529.98	24.45	0.279	27.70	0.589
n77	40	64QAM	3470.01 ~ 3529.98	22.93	0.196	26.18	0.415
n77	40	256QAM	3470.01 ~ 3529.98	21.01	0.126	24.26	0.267
n77	30	$\pi/2$ BPSK	3465.00 ~ 3534.99	25.21	0.332	28.46	0.701
n77	30	QPSK	3465.00 ~ 3534.99	25.36	0.344	28.61	0.726
n77	30	16QAM	3465.00 ~ 3534.99	24.45	0.279	27.70	0.589
n77	30	64QAM	3465.00 ~ 3534.99	22.93	0.196	26.18	0.415
n77	30	256QAM	3465.00 ~ 3534.99	20.89	0.123	24.14	0.259
n77	20	$\pi/2$ BPSK	3460.01 ~ 3540.00	25.23	0.333	28.48	0.705
n77	20	QPSK	3460.01 ~ 3540.00	25.34	0.342	28.59	0.723
n77	20	16QAM	3460.01 ~ 3540.00	24.50	0.282	27.75	0.596
n77	20	64QAM	3460.01 ~ 3540.00	22.89	0.195	26.14	0.411
n77	20	256QAM	3460.01 ~ 3540.00	20.93	0.124	24.18	0.262
n77	10	$\pi/2$ BPSK	3455.01 ~ 3545.01	25.17	0.329	28.42	0.695
n77	10	QPSK	3455.01 ~ 3545.01	25.36	0.344	28.61	0.726
n77	10	16QAM	3455.01 ~ 3545.01	24.39	0.275	27.64	0.581
n77	10	64QAM	3455.01 ~ 3545.01	22.89	0.195	26.14	0.411
n77	10	256QAM	3455.01 ~ 3545.01	20.89	0.123	24.14	0.259

3700 ~ 3800 MHz band

NR Frequency Band	Channel Bandwidth (MHz)	Modulation	TX Frequency (MHz)	Conducted Output Power		EIRP	
				Max power (dBm)	Max power (W)	Max power (dBm)	Max power (W)
n78	100	$\pi/2$ BPSK	3 750.00	25.41	0.348	28.66	0.735
n78	100	QPSK	3 750.00	25.48	0.353	28.73	0.746
n78	100	16QAM	3 750.00	24.51	0.282	27.76	0.597
n78	100	64QAM	3 750.00	23.10	0.204	26.35	0.432
n78	100	256QAM	3 750.00	21.05	0.127	24.30	0.269
n78	90	$\pi/2$ BPSK	3745.02 ~ 3754.98	25.26	0.336	28.51	0.710
n78	90	QPSK	3745.02 ~ 3754.98	25.42	0.348	28.67	0.736
n78	90	16QAM	3745.02 ~ 3754.98	24.45	0.279	27.70	0.589
n78	90	64QAM	3745.02 ~ 3754.98	23.09	0.204	26.34	0.431
n78	90	256QAM	3745.02 ~ 3754.98	21.15	0.130	24.40	0.275
n78	80	$\pi/2$ BPSK	3740.01 ~ 3759.99	25.29	0.338	28.54	0.714
n78	80	QPSK	3740.01 ~ 3759.99	25.38	0.345	28.63	0.729
n78	80	16QAM	3740.01 ~ 3759.99	24.49	0.281	27.74	0.594
n78	80	64QAM	3740.01 ~ 3759.99	23.05	0.202	26.30	0.427
n78	80	256QAM	3740.01 ~ 3759.99	21.12	0.129	24.37	0.274
n78	70	$\pi/2$ BPSK	3735 ~ 3765	25.19	0.330	28.44	0.698
n78	70	QPSK	3735 ~ 3765	25.34	0.342	28.59	0.723
n78	70	16QAM	3735 ~ 3765	24.45	0.279	27.70	0.589
n78	70	64QAM	3735 ~ 3765	23.07	0.203	26.32	0.429
n78	70	256QAM	3735 ~ 3765	20.99	0.126	24.24	0.265
n78	60	$\pi/2$ BPSK	3730.02 ~ 3769.98	25.25	0.335	28.50	0.708
n78	60	QPSK	3730.02 ~ 3769.98	25.34	0.342	28.59	0.723
n78	60	16QAM	3730.02 ~ 3769.98	24.36	0.273	27.61	0.577
n78	60	64QAM	3730.02 ~ 3769.98	23.07	0.203	26.32	0.429
n78	60	256QAM	3730.02 ~ 3769.98	20.97	0.125	24.22	0.264
n78	50	$\pi/2$ BPSK	3725.01 ~ 3774.99	25.29	0.338	28.54	0.714
n78	50	QPSK	3725.01 ~ 3774.99	25.45	0.351	28.70	0.741
n78	50	16QAM	3725.01 ~ 3774.99	24.50	0.282	27.75	0.596
n78	50	64QAM	3725.01 ~ 3774.99	23.08	0.203	26.33	0.430
n78	50	256QAM	3725.01 ~ 3774.99	20.99	0.126	24.24	0.265
n78	40	$\pi/2$ BPSK	3720 ~ 3780	25.21	0.332	28.46	0.701
n78	40	QPSK	3720 ~ 3780	25.32	0.340	28.57	0.719
n78	40	16QAM	3720 ~ 3780	24.36	0.273	27.61	0.577
n78	40	64QAM	3720 ~ 3780	23.07	0.203	26.32	0.429
n78	40	256QAM	3720 ~ 3780	21.02	0.126	24.27	0.267
n78	30	$\pi/2$ BPSK	3715.02 ~ 3785.01	25.35	0.343	28.60	0.724
n78	30	QPSK	3715.02 ~ 3785.01	25.46	0.352	28.71	0.743
n78	30	16QAM	3715.02 ~ 3785.01	24.49	0.281	27.74	0.594
n78	30	64QAM	3715.02 ~ 3785.01	23.03	0.201	26.28	0.425
n78	30	256QAM	3715.02 ~ 3785.01	21.03	0.127	24.28	0.268
n78	20	$\pi/2$ BPSK	3710.01 ~ 3789.99	25.33	0.341	28.58	0.721
n78	20	QPSK	3710.01 ~ 3789.99	25.42	0.348	28.67	0.736
n78	20	16QAM	3710.01 ~ 3789.99	24.47	0.280	27.72	0.592
n78	20	64QAM	3710.01 ~ 3789.99	23.09	0.204	26.34	0.431
n78	20	256QAM	3710.01 ~ 3789.99	21.06	0.128	24.31	0.270
n78	10	$\pi/2$ BPSK	3705 ~ 3795	25.25	0.335	28.50	0.708
n78	10	QPSK	3705 ~ 3795	25.35	0.343	28.60	0.724
n78	10	16QAM	3705 ~ 3795	24.43	0.277	27.68	0.586
n78	10	64QAM	3705 ~ 3795	23.04	0.201	26.29	0.426
n78	10	256QAM	3705 ~ 3795	20.97	0.125	24.22	0.264

3700 ~ 3980 MHz band

NR Frequency Band	Channel Bandwidth (MHz)	Modulation	TX Frequency (MHz)	Conducted Output Power		EIRP	
				Max power (dBm)	Max power (W)	Max power (dBm)	Max power (W)
n77	100	$\pi/2$ BPSK	3750 ~ 3930	25.47	0.352	28.72	0.745
n77	100	QPSK	3750 ~ 3930	25.56	0.360	28.81	0.760
n77	100	16QAM	3750 ~ 3930	24.69	0.294	27.94	0.622
n77	100	64QAM	3750 ~ 3930	23.26	0.212	26.51	0.448
n77	100	256QAM	3750 ~ 3930	21.10	0.129	24.35	0.272
n77	90	$\pi/2$ BPSK	3745.02 ~ 3934.98	25.33	0.341	28.58	0.721
n77	90	QPSK	3745.02 ~ 3934.98	25.37	0.344	28.62	0.728
n77	90	16QAM	3745.02 ~ 3934.98	24.43	0.277	27.68	0.586
n77	90	64QAM	3745.02 ~ 3934.98	23.19	0.208	26.44	0.441
n77	90	256QAM	3745.02 ~ 3934.98	21.08	0.128	24.33	0.271
n77	80	$\pi/2$ BPSK	3740.01 ~ 3939.99	25.35	0.343	28.60	0.724
n77	80	QPSK	3740.01 ~ 3939.99	25.38	0.345	28.63	0.729
n77	80	16QAM	3740.01 ~ 3939.99	24.41	0.276	27.66	0.583
n77	80	64QAM	3740.01 ~ 3939.99	23.01	0.200	26.26	0.423
n77	80	256QAM	3740.01 ~ 3939.99	21.04	0.127	24.29	0.269
n77	70	$\pi/2$ BPSK	3735 ~ 3945	25.29	0.338	28.54	0.714
n77	70	QPSK	3735 ~ 3945	25.39	0.346	28.64	0.731
n77	70	16QAM	3735 ~ 3945	24.41	0.276	27.66	0.583
n77	70	64QAM	3735 ~ 3945	22.95	0.197	26.20	0.417
n77	70	256QAM	3735 ~ 3945	21.02	0.126	24.27	0.267
n77	60	$\pi/2$ BPSK	3730.02 ~ 3949.98	25.30	0.339	28.55	0.716
n77	60	QPSK	3730.02 ~ 3949.98	25.41	0.348	28.66	0.735
n77	60	16QAM	3730.02 ~ 3949.98	24.46	0.279	27.71	0.590
n77	60	64QAM	3730.02 ~ 3949.98	23.05	0.202	26.30	0.427
n77	60	256QAM	3730.02 ~ 3949.98	21.00	0.126	24.25	0.266
n77	50	$\pi/2$ BPSK	3725.01 ~ 3954.99	25.34	0.342	28.59	0.723
n77	50	QPSK	3725.01 ~ 3954.99	25.38	0.345	28.63	0.729
n77	50	16QAM	3725.01 ~ 3954.99	24.52	0.283	27.77	0.598
n77	50	64QAM	3725.01 ~ 3954.99	23.03	0.201	26.28	0.425
n77	50	256QAM	3725.01 ~ 3954.99	21.05	0.127	24.30	0.269
n77	40	$\pi/2$ BPSK	3720 ~ 3960	25.27	0.337	28.52	0.711
n77	40	QPSK	3720 ~ 3960	25.33	0.341	28.58	0.721
n77	40	16QAM	3720 ~ 3960	24.40	0.275	27.65	0.582
n77	40	64QAM	3720 ~ 3960	22.96	0.198	26.21	0.418
n77	40	256QAM	3720 ~ 3960	21.02	0.126	24.27	0.267
n77	30	$\pi/2$ BPSK	3715.02 ~ 3964.98	25.26	0.336	28.51	0.710
n77	30	QPSK	3715.02 ~ 3964.98	25.37	0.344	28.62	0.728
n77	30	16QAM	3715.02 ~ 3964.98	24.40	0.275	27.65	0.582
n77	30	64QAM	3715.02 ~ 3964.98	22.93	0.196	26.18	0.415
n77	30	256QAM	3715.02 ~ 3964.98	21.08	0.128	24.33	0.271
n77	20	$\pi/2$ BPSK	3710.01 ~ 3969.99	25.27	0.337	28.52	0.711
n77	20	QPSK	3710.01 ~ 3969.99	25.36	0.344	28.61	0.726
n77	20	16QAM	3710.01 ~ 3969.99	24.40	0.275	27.65	0.582
n77	20	64QAM	3710.01 ~ 3969.99	22.96	0.198	26.21	0.418
n77	20	256QAM	3710.01 ~ 3969.99	21.07	0.128	24.32	0.270
n77	10	$\pi/2$ BPSK	3705 ~ 3975	25.22	0.333	28.47	0.703
n77	10	QPSK	3705 ~ 3975	25.32	0.340	28.57	0.719
n77	10	16QAM	3705 ~ 3975	24.38	0.274	27.63	0.579
n77	10	64QAM	3705 ~ 3975	22.90	0.195	26.15	0.412
n77	10	256QAM	3705 ~ 3975	21.05	0.127	24.30	0.269

2. INTRODUCTION

2.1. EUT DESCRIPTION

This EUT supports the following capabilities:

LTE(non-CA), LTE UL Carrier Aggregation, 5G NR(FR1 non-CA), 5G NR UL Carrier Aggregation and EN-DC

2.2. TESTING ENVIRONMENT

Ambient Condition	
▪ Temperature	+20 °C ~ +23 °C
▪ Relative Humidity	38 % ~ 42 %

2.3. MEASURING INSTRUMENT CALIBRATION

The measuring equipment, which was utilized in performing the tests documented herein, has been calibrated in accordance with the manufacturer's recommendations for utilizing calibration equipment, which is traceable to recognized national standards.

2.4. MEASUREMENT UNCERTAINTY

The measurement uncertainties shown below were calculated in accordance with requirements of ANSI C63.26-2015. All measurement uncertainty values are shown with a coverage factor of $k = 2$ to indicate a 95 % level of confidence.

Parameter	Measurement uncertainty
Antenna-port conducted emission	1.0 dB (The confidence level is about 95 %, $k = 2$)
Radiated Disturbance (Below 1 GHz)	5.0 dB (The confidence level is about 95 %, $k = 2$)
Radiated Disturbance (1 GHz ~ 18 GHz)	4.8 dB (The confidence level is about 95 %, $k = 2$)
Radiated Disturbance (Above 18 GHz)	5.7 dB (The confidence level is about 95 %, $k = 2$)

2.5. TEST FACILITY

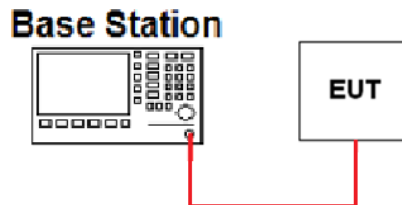
Dt&C Co., Ltd.		
The 3 m test site and conducted measurement facility used to collect the radiated data are located at the 42, Yurim-ro, 154beon-gil, Cheoin-gu, Yongin-si, Gyeonggi-do, Korea 17042. The site is complies with the requirements of part 2.948.		
- FCC Designation No.: KR0034		
- FCC Test Firm Registration No.: 704742		
- ISED CAB identifier: KR0034		
- ISED#: 5740A		
www.dtnet.net		
Telephone	:	+ 82-31-321-2664
FAX	:	+ 82-31-321-1664

3. DESCRIPTION OF TESTS

3.1. MAXIMUM OUTPUT POWER

- Conducted Output Power

Test Set-up



Test Procedure

- KDB971168 D01v03r01 - Section 5.2
- ANSI C63.26-2015 – Section 5.2.4.2

When an average power meter is used to perform RF output power measurements, the fundamental condition that measurements be performed only over durations of active transmissions at maximum output power level applies. Thus, an average power meter can always be used to perform the measurement when the EUT can be configured to transmit continuously.

If the EUT cannot be configured to transmit continuously (i.e., burst duty cycle < 98%), then the following options can be implemented to facilitate measurement of the average power with an average power meter:

- a) A gated average power meter can be used to perform the measurement if the gating parameters can be adjusted such that the power is measured only during active transmission bursts at maximum output power levels.
- b) A conventional average power meter with no signal gating capability can also be used if the measured burst duty cycle is constant (i.e., duty cycle variations are less than or equal to $\pm 2\%$) by performing the measurement over the on/off burst cycles and then correcting (increasing) the measured level by a factor equal to $[10 \log (1/\text{duty cycle})]$.

- ERP & EIRP (Effective Radiated Power & Equivalent Isotropic Radiated Power)

Test Procedure

- KDB971168 D01v03r01 - Section 5.6
- ANSI C63.26-2015 – Section 5.2.5.5

Determining ERP and EIRP from conducted RF output power measurement results

$$\text{ERP or EIRP} = P_{\text{Meas}} + G_T - L_C$$

where:

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

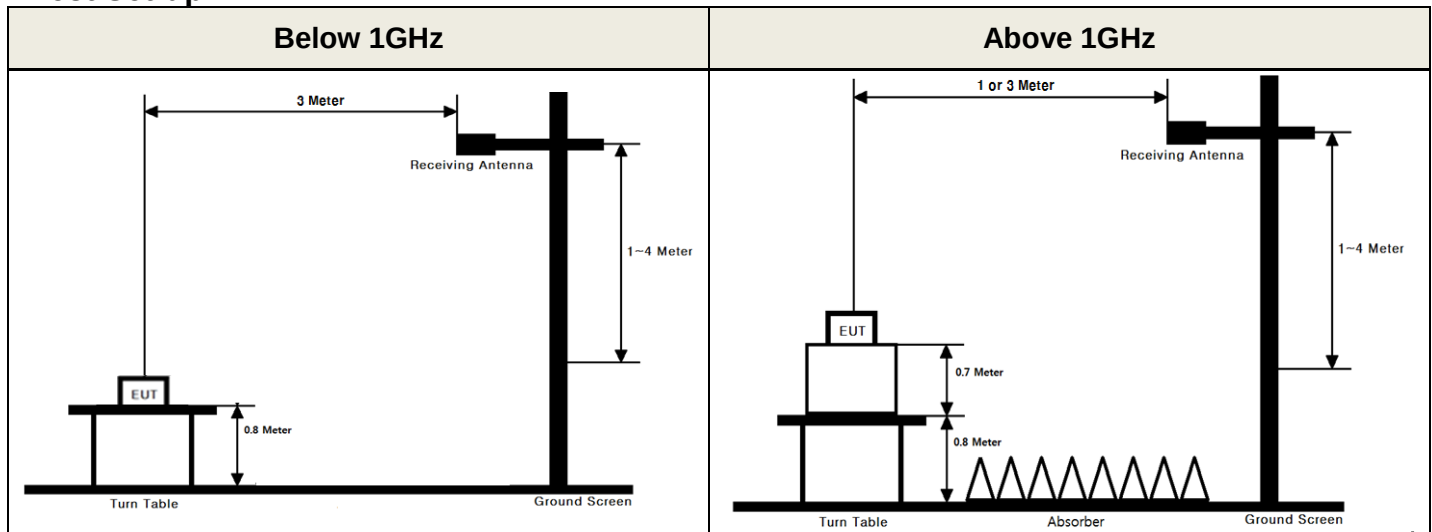
P_{Meas} = measured transmitter output power or PSD, in dBm or dBW;

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

L_C = signal attenuation in the connecting cable between the transmitter and antenna, in dB.

3.2. UNDESIRABLE EMISSIONS

Test Set-up



These measurements were performed at 3 test site. The equipment under test is placed on a non-conductive table 0.8 or 1.5 meters above a turntable which is flush with the ground plane and 3 meters from the receive antenna. For measurements above 1 GHz absorbers are placed on the floor between the turn table and the antenna mast in such a way so as to maximize the reduction of reflections. For measurements below 1 GHz, the absorbers are removed.

Test Procedure

- ANSI/TIA-603-E-2016 - Section 2.2.12
- KDB971168 D01v03r01 - Section 5.8
- ANSI C63.26-2015 – Section 5.5

Test setting

1. RBW = 100 kHz for below 1 GHz and 1 MHz for above 1 GHz / VBW $\geq 3 \times$ RBW
2. Detector = RMS & Trace mode = power averaging (rms)
3. Sweep time = Auto couple
4. Number of sweep point $\geq 2 \times$ span / RBW
5. The trace was allowed to stabilize

Note: If duty cycle < 98%, add $10 \log (1/\text{duty cycle})$ to the measured power level to compute the average power during continuous transmission.

Band(s)	$T_{\text{on}}(\text{ms})$	$T_{\text{on+off}}(\text{ms})$	Duty cycle = $T_{\text{on}} / (T_{\text{on+off}})$	$10 \log (1/\text{duty cycle})$
38, 41, 77, 78	1.0	5.0	0.2	6.99 dB

The receive antenna height and turntable rotations were adjusted for the highest reading on the receive spectrum analyzer. For radiated power measurements below 1 GHz, a half-wave dipole was substituted in place of the EUT. This dipole antenna was driven by a signal generator and the level of the signal generator was adjusted to obtain the same spectrum analyzer reading.

For radiated power measurements above 1 GHz, a Horn antenna was substituted in place of the EUT. This Horn antenna was driven by a signal generator and the level of the signal generator was adjusted to obtain the same spectrum analyzer reading. The difference between the gain of the horn and an isotropic antenna are taken into consideration. This measurement was performed with the EUT oriented in 3 orthogonal axis.

4. LIST OF TEST EQUIPMENT

Type	Manufacturer	Model	Cal.Date (yy/mm/dd)	Next.Cal. Date (yy/mm/dd)	S/N
Spectrum Analyzer	Agilent Technologies	N9020A	25/05/26	26/05/26	US47360812
Spectrum Analyzer	KEYSIGHT	N9030B	25/11/20	26/11/20	MY55480168
DC power supply	DIGITAL	DPR-303D	25/05/29	26/05/29	0120044
Multimeter	FLUKE	17B+	25/11/21	26/11/21	36390701WS
Radio Communication Analyzer	KEYSIGHT	E7515B	25/11/21	26/11/21	MY58300723
Radio Communication Analyzer	KEYSIGHT	E7515B	25/05/30	26/05/30	MY60192461
Thermohygrometer	BODYCOM	BJ5478	25/11/24	26/11/24	120612-2
Thermohygrometer	BODYCOM	BJ5478	25/05/29	26/05/29	N/A
Power Splitter	Anritsu	K241B	25/11/21	26/11/21	1301182
Signal Generator	Rohde Schwarz	SMBV100A	25/11/20	26/11/20	255571
Signal Generator	ANRITSU	MG3695C	25/11/18	26/11/18	173501
Loop Antenna	ETS-Lindgren	6502	25/11/06	27/11/06	00060496
Hybrid Antenna	Schwarzbeck	VULB9163	25/05/27	26/05/27	9163-572
Horn Antenna	ETS-Lindgren	3117	25/05/27	26/05/27	00143278
Horn Antenna	A.H.Systems Inc.	SAS-574	25/06/11	26/06/11	155
PreAmplifier	Agilent Technologies	8449B	25/11/17	26/11/17	3008A00161
PreAmplifier	tsj	MLA-1840-J02-45	25/05/29	26/05/29	16966-10728
PreAmplifier	H.P	8447D	25/11/17	26/11/17	2944A07774
High Pass Filter	Wainwright Instruments	WHKX12-935-1000-15000-40SS	25/05/26	26/05/26	8
High Pass Filter	Wainwright Instruments	WHKX10-2838-3300-18000-60SS	25/05/26	26/05/26	1
High Pass Filter	Wainwright Instruments	WHNX8.0/26.5-6SS	25/05/26	26/05/26	3
Low Pass Filter	Wainwright Instruments	WLK10-3000-3480-18000-60SS	25/05/27	26/05/27	13
Attenuator	Aeroflex/Weinschel	56-3	25/05/26	26/05/26	Y2370
Cable	Dt&C	Cable	26/01/02	27/01/02	G-2
Cable	OMT	YSS21S	26/01/02	27/01/02	G-5
Cable	Microwave	HF-290	26/01/02	27/01/02	G-6
Cable	Microwave	HF-290	26/01/02	27/01/02	G-7
Cable	JUNKOSHA	MWX221	26/01/02	27/01/02	G-8
Cable	JUNKOSHA	MWX241	26/01/02	27/01/02	G-11
Cable	JUNKOSHA	MWX241	26/01/02	27/01/02	mmW-1
Cable	JUNKOSHA	MWX241	26/01/02	27/01/02	mmW-4
Cable	HUBER+SUHNER	SUCOFLEX100	26/01/02	27/01/02	M-01
Cable	HUBER+SUHNER	SUCOFLEX100	26/01/02	27/01/02	M-02
Cable	JUNKOSHA	MWX241/B	26/01/02	27/01/02	M-03
Cable	JUNKOSHA	J12J101757-00	26/01/02	27/01/02	M-07
Cable	HUBER+SUHNER	SUCOFLEX106	26/01/02	27/01/02	M-09
3m Semi Anechoic Chamber	SYC	3m-SAC	25/06/13(NSA) 25/06/19(VSWR)	26/06/13(NSA) 26/06/19(VSWR)	3m-SAC-1
3m Semi Anechoic Chamber	SYC	3m-SAC	25/01/14(NSA) 25/01/17(VSWR)	26/01/14(NSA) 26/01/17(VSWR)	3m-SAC-2

Note1: The measurement antennas were calibrated in accordance to the requirements of ANSI C63.5-2017.

Note2: The cable is not a regular calibration item, so it has been calibrated by Dt&C itself.

5. SUMMARY OF TEST RESULTS

FCC Part Section(s)	Test Description	Test Limit	Status Note 1
2.1046	Conducted Output Power	N/A	C
2.1046 90.635(b)	Conducted Output Power (n26: 814 ~ 824 MHz)	< 100 Watts	C
27.50(c)(10)	Effective Radiated Power (n71)	< 3 Watts max. ERP (Portable station)	C
27.50(b)(9) 27.50(c)(9) 90.542(a)(6)	Effective Radiated Power (n12, 13, 14)	< 3 Watts max. ERP (Portable station)	C
22.913(a)(5)	Effective Radiated Power (n26, 5: 824 ~ 849 MHz)	< 7 Watts max. ERP	C
27.50(d)(4) 27.50(k)(3) 27.50(j)(3)	Equivalent Isotropic Radiated Power (n66, 77, 78)	< 1 Watts max. EIRP	C
24.232(c) 27.50(h.2)	Equivalent Isotropic Radiated Power (n2, 7, 25, 38, 41)	< 2 Watts max. EIRP	C
2.1053 22.917(a) 24.238(a) 27.53(c) 27.53(h) 27.53(g) 90.543(c) 90.691(a)(2) 27.53(n)(2) 27.53(l)(2)	Undesirable Emissions (n26, 5, 2, 25, 66, 12, 13, 14, 71, 77, 78)	> 43 + 10log ₁₀ (P) dB for all out-of-band emissions	C
27.53(f) 90.543(f)	Undesirable Emissions in 1559 ~ 1610 MHz (n13, 14)	< -70 dBW/MHz (for wideband signals) < -80 dBW (for discrete emissions of less than 700 Hz bandwidth)	C
27.53(m)(4)	Undesirable Emissions (n7, 41, 38)	> 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	C

Note 1: C=Comply NC=Not Comply NT=Not Tested NA=Not Applicable

Note 2: The Sub Antenna(internal antenna) was enabled through software from the original certified device.

Note 3: Radiated measurements were performed in three orthogonal EUT positions, and the worst case data were reported.

6. SAMPLE CALCULATION

A. For substitution method

Unwanted emissions

- 1) The EUT was placed on a turntable with 0.8 meter height for frequency below 1GHz and 1.5 meter height for frequency above 1 GHz respectively above ground.
- 2) The EUT was set 3 meters from the receiving antenna mounted on the antenna tower.
- 3) Vary the measurement antenna height through 1 m to 4 m and the rotate EUT through 360° in order to determine the maximum emission level.
- 4) Record the measured emission level and frequency using the available test method.
If required by the test method, add $10 \log(1/\text{duty cycle})$ to measured emission level.
- 5) Replace the EUT with dipole/Horn antenna that is connected to a calibrated signal generator.
- 6) Vary the measurement antenna height between 1 m to 4 m to maximize the received (measured) signal amplitude. And adjust the signal generator output power level until the amplitude detected by the measurement instrument equals the previously emission level[Measured level + $10 \log(1/\text{duty cycle})$].
- 7) The conducted power at the terminal of the substitute antenna is measured.
- 8) Record the level at substituted antenna terminal.
- 9) The result is calculated as below;

Result: EIRP(dBm) = LEVLE@ANTENNA TERMINAL + TX Antenna Gain (dBi)

Result: ERP(dBm) = LEVLE@ANTENNA TERMINAL + TX Antenna Gain (dBd)

Where, TX Antenna Gain (dBd) = TX Antenna Gain (dBi) - 2.15 dB

7. TEST DATA

7.1. ERP&EIRP

- Test Notes

- 1) $EIRP(dBm) = \text{Conducted Output power}(dBm) + \text{Antenna Gain}(dBi)$
 $ERP = EIRP - 2.15(dB)$

7.1.1. NR Band n71

Channel Bandwidth (MHz)	Frequency (MHz)	Modulation	RB Size/ Offset	Conducted Output Power (dBm)	Antenna Gain(dBi)	EIRP (dBm)	ERP (dBm)
20	673	$\pi/2$ BPSK	1/Mid	22.83	0.84	23.67	21.52
		QPSK	1/Inner right	22.90	0.84	23.74	21.59
		16QAM	1/Mid	22.23	0.84	23.07	20.92
		64QAM	1/Mid	20.59	0.84	21.43	19.28
		256QAM	1/inner left	18.49	0.84	19.33	17.18
	680.5	$\pi/2$ BPSK	1/Mid	22.87	0.84	23.71	21.56
		QPSK	1/Mid	22.97	0.84	23.81	21.66
		16QAM	1/Mid	22.51	0.84	23.35	21.20
		64QAM	1/Mid	20.65	0.84	21.49	19.34
		256QAM	1/Mid	18.52	0.84	19.36	17.21
	688	$\pi/2$ BPSK	1/Inner right	22.84	0.84	23.68	21.53
		QPSK	1/Mid	22.92	0.84	23.76	21.61
		16QAM	1/Mid	22.46	0.84	23.30	21.15
		64QAM	1/Mid	20.62	0.84	21.46	19.31
		256QAM	1/Mid	18.50	0.84	19.34	17.19
15	670.5	$\pi/2$ BPSK	1/Mid	22.77	0.84	23.61	21.46
		QPSK	1/Mid	22.89	0.84	23.73	21.58
		16QAM	1/Mid	22.44	0.84	23.28	21.13
		64QAM	1/Mid	20.53	0.84	21.37	19.22
		256QAM	1/Mid	18.40	0.84	19.24	17.09
	680.5	$\pi/2$ BPSK	1/Mid	22.83	0.84	23.67	21.52
		QPSK	1/Mid	22.88	0.84	23.72	21.57
		16QAM	1/Mid	22.42	0.84	23.26	21.11
		64QAM	1/Mid	20.56	0.84	21.40	19.25
		256QAM	1/Mid	18.51	0.84	19.35	17.20
	690.5	$\pi/2$ BPSK	1/Mid	22.81	0.84	23.65	21.50
		QPSK	1/Mid	22.89	0.84	23.73	21.58
		16QAM	1/Mid	22.38	0.84	23.22	21.07
		64QAM	1/Inner right	20.53	0.84	21.37	19.22
		256QAM	1/Mid	18.44	0.84	19.28	17.13
10	668	$\pi/2$ BPSK	1/Mid	22.73	0.84	23.57	21.42
		QPSK	1/Mid	22.84	0.84	23.68	21.53
		16QAM	1/Mid	22.46	0.84	23.30	21.15
		64QAM	1/Mid	20.51	0.84	21.35	19.20
		256QAM	1/inner left	18.38	0.84	19.22	17.07
	680.5	$\pi/2$ BPSK	1/Mid	22.82	0.84	23.66	21.51
		QPSK	1/Mid	22.91	0.84	23.75	21.60
		16QAM	1/Mid	22.50	0.84	23.34	21.19
		64QAM	1/Mid	20.56	0.84	21.40	19.25
		256QAM	1/edge right	18.49	0.84	19.33	17.18
	693	$\pi/2$ BPSK	1/Mid	22.83	0.84	23.67	21.52
		QPSK	1/Mid	22.91	0.84	23.75	21.60
		16QAM	1/Mid	22.45	0.84	23.29	21.14
		64QAM	1/Inner right	20.59	0.84	21.43	19.28
		256QAM	1/Mid	18.52	0.84	19.36	17.21

Channel Bandwidth (MHz)	Frequency (MHz)	Modulation	RB Size/ Offset	Conducted Output Power (dBm)	Antenna Gain(dBi)	EIRP (dBm)	ERP (dBm)
5	665.5	$\pi/2$ BPSK	1/Mid	22.76	0.84	23.60	21.45
		QPSK	1/Mid	22.88	0.84	23.72	21.57
		16QAM	1/Mid	22.44	0.84	23.28	21.13
		64QAM	1/Mid	20.58	0.84	21.42	19.27
		256QAM	1/Mid	18.39	0.84	19.23	17.08
	680.5	$\pi/2$ BPSK	1/Mid	22.81	0.84	23.65	21.50
		QPSK	1/Mid	22.93	0.84	23.77	21.62
		16QAM	1/Mid	22.42	0.84	23.26	21.11
		64QAM	1/Mid	20.61	0.84	21.45	19.30
		256QAM	1/Mid	18.51	0.84	19.35	17.20
	695.5	$\pi/2$ BPSK	1/Mid	22.82	0.84	23.66	21.51
		QPSK	1/Mid	22.89	0.84	23.73	21.58
		16QAM	1/Mid	22.38	0.84	23.22	21.07
		64QAM	1/Mid	20.52	0.84	21.36	19.21
		256QAM	1/Mid	18.53	0.84	19.37	17.22

7.1.2. NR Band n12

Channel Bandwidth (MHz)	Frequency (MHz)	Modulation	RB Size/ Offset	Conducted Output Power (dBm)	Antenna Gain(dBi)	EIRP (dBm)	ERP (dBm)
15	706.5	$\pi/2$ BPSK	1/Mid	22.76	0.56	23.32	21.17
		QPSK	1/Mid	22.86	0.56	23.42	21.27
		16QAM	1/Mid	21.94	0.56	22.50	20.35
		64QAM	1/Mid	20.46	0.56	21.02	18.87
		256QAM	1/Mid	18.37	0.56	18.93	16.78
	708.5	$\pi/2$ BPSK	1/Mid	22.76	0.56	23.32	21.17
		QPSK	1/Mid	22.88	0.56	23.44	21.29
		16QAM	1/Mid	22.01	0.56	22.57	20.42
		64QAM	1/Mid	20.51	0.56	21.07	18.92
		256QAM	1/Mid	18.46	0.56	19.02	16.87
10	704	$\pi/2$ BPSK	1/Mid	22.35	0.56	22.91	20.76
		QPSK	1/Mid	22.57	0.56	23.13	20.98
		16QAM	1/Mid	21.69	0.56	22.25	20.10
		64QAM	1/Mid	20.19	0.56	20.75	18.60
		256QAM	1/Mid	18.16	0.56	18.72	16.57
	711	$\pi/2$ BPSK	1/Mid	22.49	0.56	23.05	20.90
		QPSK	1/Mid	22.70	0.56	23.26	21.11
		16QAM	1/Mid	21.71	0.56	22.27	20.12
		64QAM	1/Mid	20.26	0.56	20.82	18.67
		256QAM	1/Mid	18.22	0.56	18.78	16.63
5	701.5	$\pi/2$ BPSK	1/Mid	22.44	0.56	23.00	20.85
		QPSK	1/Mid	22.61	0.56	23.17	21.02
		16QAM	1/Mid	21.68	0.56	22.24	20.09
		64QAM	1/Mid	20.21	0.56	20.77	18.62
		256QAM	1/Mid	18.19	0.56	18.75	16.60
	707.5	$\pi/2$ BPSK	1/Mid	22.50	0.56	23.06	20.91
		QPSK	1/Mid	22.68	0.56	23.24	21.09
		16QAM	1/Mid	21.75	0.56	22.31	20.16
		64QAM	1/Mid	20.20	0.56	20.76	18.61
		256QAM	1/Mid	18.21	0.56	18.77	16.62
	713.5	$\pi/2$ BPSK	1/Mid	22.34	0.56	22.90	20.75
		QPSK	1/Mid	22.53	0.56	23.09	20.94
		16QAM	1/Mid	21.80	0.56	22.36	20.21
		64QAM	1/Mid	20.13	0.56	20.69	18.54
		256QAM	1/Mid	18.20	0.56	18.76	16.61

7.1.3. NR Band n13

Channel Bandwidth (MHz)	Frequency (MHz)	Modulation	RB Size/ Offset	Conducted Output Power (dBm)	Antenna Gain(dBi)	EIRP (dBm)	ERP (dBm)
10	782	$\pi/2$ BPSK	1/Mid	23.19	0.56	23.75	21.60
		QPSK	1/Mid	23.24	0.56	23.80	21.65
		16QAM	1/Mid	22.33	0.56	22.89	20.74
		64QAM	1/Mid	20.74	0.56	21.30	19.15
		256QAM	1/Mid	18.93	0.56	19.49	17.34
5	779.5	$\pi/2$ BPSK	1/Mid	22.95	0.56	23.51	21.36
		QPSK	1/Mid	23.02	0.56	23.58	21.43
		16QAM	1/Mid	22.21	0.56	22.77	20.62
		64QAM	1/Mid	20.65	0.56	21.21	19.06
		256QAM	1/Mid	18.60	0.56	19.16	17.01
	782	$\pi/2$ BPSK	1/Mid	23.00	0.56	23.56	21.41
		QPSK	1/Mid	23.01	0.56	23.57	21.42
		16QAM	1/Mid	22.22	0.56	22.78	20.63
		64QAM	1/Mid	20.61	0.56	21.17	19.02
		256QAM	1/Mid	18.55	0.56	19.11	16.96
	784.5	$\pi/2$ BPSK	1/Mid	22.93	0.56	23.49	21.34
		QPSK	1/Mid	23.07	0.56	23.63	21.48
		16QAM	1/Mid	22.21	0.56	22.77	20.62
		64QAM	1/Mid	20.63	0.56	21.19	19.04
		256QAM	1/Mid	18.61	0.56	19.17	17.02

7.1.4. NR Band n14

Channel Bandwidth (MHz)	Frequency (MHz)	Modulation	RB Size/ Offset	Conducted Output Power (dBm)	Antenna Gain(dBi)	EIRP (dBm)	ERP (dBm)
10	793	$\pi/2$ BPSK	1/Mid	23.10	0.56	23.66	21.51
		QPSK	1/Mid	23.16	0.56	23.72	21.57
		16QAM	1/Mid	22.25	0.56	22.81	20.66
		64QAM	1/Mid	20.68	0.56	21.24	19.09
		256QAM	1/Mid	18.66	0.56	19.22	17.07
5	790.5	$\pi/2$ BPSK	1/Mid	22.83	0.56	23.39	21.24
		QPSK	1/Mid	22.85	0.56	23.41	21.26
		16QAM	1/Mid	22.09	0.56	22.65	20.50
		64QAM	1/Mid	20.45	0.56	21.01	18.86
		256QAM	1/Mid	18.36	0.56	18.92	16.77
	793	$\pi/2$ BPSK	1/Mid	22.85	0.56	23.41	21.26
		QPSK	1/Mid	22.88	0.56	23.44	21.29
		16QAM	1/Mid	22.19	0.56	22.75	20.60
		64QAM	1/Mid	20.50	0.56	21.06	18.91
		256QAM	1/Mid	18.41	0.56	18.97	16.82
	795.5	$\pi/2$ BPSK	1/Mid	22.79	0.56	23.35	21.20
		QPSK	1/Mid	22.81	0.56	23.37	21.22
		16QAM	1/Mid	22.16	0.56	22.72	20.57
		64QAM	1/Mid	20.44	0.56	21.00	18.85
		256QAM	1/Mid	18.36	0.56	18.92	16.77

7.1.5. NR Band n26

814 ~ 824 MHz Band

Channel Bandwidth (MHz)	Frequency (MHz)	Modulation	RB Size/ Offset	Conducted Output Power (dBm)	Antenna Gain(dBi)	EIRP (dBm)	ERP (dBm)
10	819	$\pi/2$ BPSK	1/Mid	22.58	0.19	22.77	20.62
		QPSK	1/Mid	22.68	0.19	22.87	20.72
		16QAM	1/Mid	21.93	0.19	22.12	19.97
		64QAM	1/Mid	21.43	0.19	21.62	19.47
		256QAM	1/Mid	19.35	0.19	19.54	17.39
5	816.5	$\pi/2$ BPSK	1/Mid	22.57	0.19	22.76	20.61
		QPSK	1/Mid	22.62	0.19	22.81	20.66
		16QAM	1/Mid	21.97	0.19	22.16	20.01
		64QAM	1/Mid	21.40	0.19	21.59	19.44
		256QAM	1/Mid	19.41	0.19	19.60	17.45
	821.5	$\pi/2$ BPSK	1/Mid	22.70	0.19	22.89	20.74
		QPSK	1/Mid	22.75	0.19	22.94	20.79
		16QAM	1/Mid	22.00	0.19	22.19	20.04
		64QAM	1/Mid	21.36	0.19	21.55	19.40
		256QAM	1/Mid	19.33	0.19	19.52	17.37

824 ~ 849 MHz Band

Channel Bandwidth (MHz)	Frequency (MHz)	Modulation	RB Size/ Offset	Conducted Output Power (dBm)	Antenna Gain(dBi)	EIRP (dBm)	ERP (dBm)
20	834	$\pi/2$ BPSK	1/Mid	22.68	0.19	22.87	20.72
		QPSK	1/Mid	22.71	0.19	22.90	20.75
		16QAM	1/Mid	22.12	0.19	22.31	20.16
		64QAM	1/inner left	21.45	0.19	21.64	19.49
		256QAM	1/Mid	19.48	0.19	19.67	17.52
	836.5	$\pi/2$ BPSK	1/Mid	22.82	0.19	23.01	20.86
		QPSK	1/Mid	22.87	0.19	23.06	20.91
		16QAM	1/Mid	22.17	0.19	22.36	20.21
		64QAM	1/Mid	21.47	0.19	21.66	19.51
		256QAM	1/Mid	19.49	0.19	19.68	17.53
	839	$\pi/2$ BPSK	1/Mid	22.74	0.19	22.93	20.78
		QPSK	1/Mid	22.81	0.19	23.00	20.85
		16QAM	1/Mid	21.97	0.19	22.16	20.01
		64QAM	1/Mid	21.49	0.19	21.68	19.53
		256QAM	1/Mid	19.48	0.19	19.67	17.52
15	831.5	$\pi/2$ BPSK	1/Mid	22.59	0.19	22.78	20.63
		QPSK	1/Mid	22.65	0.19	22.84	20.69
		16QAM	1/Mid	22.04	0.19	22.23	20.08
		64QAM	1/Mid	21.47	0.19	21.66	19.51
		256QAM	1/Mid	19.46	0.19	19.65	17.50
	836.5	$\pi/2$ BPSK	1/Mid	22.77	0.19	22.96	20.81
		QPSK	1/Mid	22.82	0.19	23.01	20.86
		16QAM	1/Mid	22.13	0.19	22.32	20.17
		64QAM	1/Mid	21.42	0.19	21.61	19.46
		256QAM	1/Mid	19.46	0.19	19.65	17.50
	841.5	$\pi/2$ BPSK	1/Mid	22.73	0.19	22.92	20.77
		QPSK	1/Mid	22.80	0.19	22.99	20.84
		16QAM	1/Mid	21.92	0.19	22.11	19.96
		64QAM	1/Mid	21.44	0.19	21.63	19.48
		256QAM	1/Mid	19.45	0.19	19.64	17.49
10	829	$\pi/2$ BPSK	1/Mid	22.58	0.19	22.77	20.62
		QPSK	1/Mid	22.66	0.19	22.85	20.70
		16QAM	1/Mid	22.11	0.19	22.30	20.15
		64QAM	1/Mid	21.42	0.19	21.61	19.46
		256QAM	1/Mid	19.40	0.19	19.59	17.44
	836.5	$\pi/2$ BPSK	1/Mid	22.73	0.19	22.92	20.77
		QPSK	1/Mid	22.79	0.19	22.98	20.83
		16QAM	1/Mid	22.15	0.19	22.34	20.19
		64QAM	1/Mid	21.38	0.19	21.57	19.42
		256QAM	1/Mid	19.47	0.19	19.66	17.51
	844	$\pi/2$ BPSK	1/Mid	22.64	0.19	22.83	20.68
		QPSK	1/Mid	22.72	0.19	22.91	20.76
		16QAM	1/Mid	21.94	0.19	22.13	19.98
		64QAM	1/Mid	21.40	0.19	21.59	19.44
		256QAM	1/Mid	19.47	0.19	19.66	17.51

Channel Bandwidth (MHz)	Frequency (MHz)	Modulation	RB Size/ Offset	Conducted Output Power (dBm)	Antenna Gain(dBi)	EIRP (dBm)	ERP (dBm)
5	826.5	$\pi/2$ BPSK	1/Mid	22.65	0.19	22.84	20.69
		QPSK	1/Mid	22.66	0.19	22.85	20.70
		16QAM	1/Mid	22.05	0.19	22.24	20.09
		64QAM	1/Mid	21.41	0.19	21.60	19.45
		256QAM	1/Mid	19.46	0.19	19.65	17.50
	836.5	$\pi/2$ BPSK	1/Mid	22.78	0.19	22.97	20.82
		QPSK	1/Mid	22.80	0.19	22.99	20.84
		16QAM	1/Mid	22.14	0.19	22.33	20.18
		64QAM	1/Mid	21.43	0.19	21.62	19.47
		256QAM	1/Mid	19.41	0.19	19.60	17.45
	846.5	$\pi/2$ BPSK	1/Mid	22.66	0.19	22.85	20.70
		QPSK	1/Mid	22.76	0.19	22.95	20.80
		16QAM	1/Mid	21.89	0.19	22.08	19.93
		64QAM	1/Mid	21.47	0.19	21.66	19.51
		256QAM	1/Mid	19.45	0.19	19.64	17.49

7.1.6. NR Band n5

Channel Bandwidth (MHz)	Frequency (MHz)	Modulation	RB Size/ Offset	Conducted Output Power (dBm)	Antenna Gain(dBi)	EIRP (dBm)	ERP (dBm)
20	834	$\pi/2$ BPSK	1/Mid	23.15	0.19	23.34	21.19
		QPSK	1/Mid	23.18	0.19	23.37	21.22
		16QAM	1/Mid	22.26	0.19	22.45	20.30
		64QAM	1/Mid	20.71	0.19	20.90	18.75
		256QAM	1/Mid	18.68	0.19	18.87	16.72
	839	$\pi/2$ BPSK	1/Mid	23.12	0.19	23.31	21.16
		QPSK	1/Mid	23.14	0.19	23.33	21.18
		16QAM	1/Mid	22.20	0.19	22.39	20.24
		64QAM	1/Mid	20.68	0.19	20.87	18.72
		256QAM	1/Mid	18.73	0.19	18.92	16.77
15	831.5	$\pi/2$ BPSK	1/Mid	23.07	0.19	23.26	21.11
		QPSK	1/Mid	23.17	0.19	23.36	21.21
		16QAM	1/Mid	22.18	0.19	22.37	20.22
		64QAM	1/Mid	20.70	0.19	20.89	18.74
		256QAM	1/Mid	18.79	0.19	18.98	16.83
	841.5	$\pi/2$ BPSK	1/Mid	23.06	0.19	23.25	21.10
		QPSK	1/Mid	23.14	0.19	23.33	21.18
		16QAM	1/Mid	22.15	0.19	22.34	20.19
		64QAM	1/Mid	20.66	0.19	20.85	18.70
		256QAM	1/Mid	18.70	0.19	18.89	16.74
10	829	$\pi/2$ BPSK	1/Mid	23.18	0.19	23.37	21.22
		QPSK	1/Mid	23.19	0.19	23.38	21.23
		16QAM	1/Mid	22.20	0.19	22.39	20.24
		64QAM	1/Mid	20.69	0.19	20.88	18.73
		256QAM	1/Mid	18.72	0.19	18.91	16.76
	836.5	$\pi/2$ BPSK	1/Mid	23.16	0.19	23.35	21.20
		QPSK	1/Mid	23.24	0.19	23.43	21.28
		16QAM	1/Mid	22.27	0.19	22.46	20.31
		64QAM	1/Mid	20.74	0.19	20.93	18.78
		256QAM	1/Mid	18.79	0.19	18.98	16.83
	844	$\pi/2$ BPSK	1/Mid	23.00	0.19	23.19	21.04
		QPSK	1/Mid	23.12	0.19	23.31	21.16
		16QAM	1/Mid	22.12	0.19	22.31	20.16
		64QAM	1/Mid	20.66	0.19	20.85	18.70
		256QAM	1/Mid	18.63	0.19	18.82	16.67
5	826.5	$\pi/2$ BPSK	1/Mid	23.06	0.19	23.25	21.10
		QPSK	1/Mid	23.25	0.19	23.44	21.29
		16QAM	1/Mid	22.28	0.19	22.47	20.32
		64QAM	1/Mid	20.78	0.19	20.97	18.82
		256QAM	1/Mid	18.82	0.19	19.01	16.86
	836.5	$\pi/2$ BPSK	1/Mid	23.12	0.19	23.31	21.16
		QPSK	1/Mid	23.22	0.19	23.41	21.26
		16QAM	1/Mid	22.22	0.19	22.41	20.26
		64QAM	1/Mid	20.75	0.19	20.94	18.79
		256QAM	1/Mid	18.73	0.19	18.92	16.77
	846.5	$\pi/2$ BPSK	1/Mid	23.05	0.19	23.24	21.09
		QPSK	1/Mid	23.16	0.19	23.35	21.20
		16QAM	1/Mid	22.24	0.19	22.43	20.28
		64QAM	1/Mid	20.70	0.19	20.89	18.74
		256QAM	1/Mid	18.67	0.19	18.86	16.71

7.1.7. NR Band n66

Channel Bandwidth (MHz)	Frequency (MHz)	Modulation	RB Size/ Offset	Conducted Output Power (dBm)	Antenna Gain(dBi)	EIRP (dBm)
40	1730	$\pi/2$ BPSK	1/Mid	22.84	2.4	25.24
		QPSK	1/Mid	22.91	2.4	25.31
		16QAM	1/Mid	22.02	2.4	24.42
		64QAM	1/Mid	20.57	2.4	22.97
		256QAM	1/Mid	18.48	2.4	20.88
	1760	$\pi/2$ BPSK	1/Mid	22.83	2.4	25.23
		QPSK	1/Mid	22.95	2.4	25.35
		16QAM	1/Mid	21.99	2.4	24.39
		64QAM	1/Mid	20.57	2.4	22.97
		256QAM	1/Mid	18.47	2.4	20.87
30	1725	$\pi/2$ BPSK	1/Mid	22.82	2.4	25.22
		QPSK	1/Mid	22.87	2.4	25.27
		16QAM	1/Mid	21.96	2.4	24.36
		64QAM	1/Mid	20.50	2.4	22.90
		256QAM	1/Mid	18.51	2.4	20.91
	1745	$\pi/2$ BPSK	1/Mid	22.87	2.4	25.27
		QPSK	1/Mid	22.91	2.4	25.31
		16QAM	1/Mid	22.01	2.4	24.41
		64QAM	1/Mid	20.53	2.4	22.93
		256QAM	1/Mid	18.42	2.4	20.82
	1765	$\pi/2$ BPSK	1/Mid	22.81	2.4	25.21
		QPSK	1/Mid	22.91	2.4	25.31
		16QAM	1/Mid	21.95	2.4	24.35
		64QAM	1/Mid	20.58	2.4	22.98
		256QAM	1/Mid	18.47	2.4	20.87
25	1722.5	$\pi/2$ BPSK	1/Mid	22.78	2.4	25.18
		QPSK	1/Mid	22.85	2.4	25.25
		16QAM	1/Mid	22.00	2.4	24.40
		64QAM	1/Mid	20.49	2.4	22.89
		256QAM	1/Mid	18.45	2.4	20.85
	1745	$\pi/2$ BPSK	1/Mid	22.80	2.4	25.20
		QPSK	1/Mid	22.91	2.4	25.31
		16QAM	1/Mid	21.99	2.4	24.39
		64QAM	1/Mid	20.60	2.4	23.00
		256QAM	1/Mid	18.51	2.4	20.91
	1767.5	$\pi/2$ BPSK	1/Mid	22.76	2.4	25.16
		QPSK	1/Mid	22.86	2.4	25.26
		16QAM	1/Mid	21.95	2.4	24.35
		64QAM	1/Mid	20.50	2.4	22.90
		256QAM	1/Mid	18.43	2.4	20.83

Channel Bandwidth (MHz)	Frequency (MHz)	Modulation	RB Size/ Offset	Conducted Output Power (dBm)	Antenna Gain(dBi)	EIRP (dBm)
20	1720	$\pi/2$ BPSK	1/Mid	22.78	2.4	25.18
		QPSK	1/Mid	22.88	2.4	25.28
		16QAM	1/Mid	21.98	2.4	24.38
		64QAM	1/Mid	20.56	2.4	22.96
		256QAM	1/Mid	18.38	2.4	20.78
	1745	$\pi/2$ BPSK	1/Mid	22.79	2.4	25.19
		QPSK	1/Mid	22.87	2.4	25.27
		16QAM	1/Mid	22.03	2.4	24.43
		64QAM	1/Mid	20.59	2.4	22.99
		256QAM	1/Mid	18.51	2.4	20.91
	1770	$\pi/2$ BPSK	1/Mid	22.80	2.4	25.20
		QPSK	1/Mid	22.92	2.4	25.32
		16QAM	1/Mid	21.97	2.4	24.37
		64QAM	1/Mid	20.52	2.4	22.92
		256QAM	1/Mid	18.45	2.4	20.85
15	1717.5	$\pi/2$ BPSK	1/Mid	22.74	2.4	25.14
		QPSK	1/Mid	22.90	2.4	25.30
		16QAM	1/Mid	22.01	2.4	24.41
		64QAM	1/Mid	20.55	2.4	22.95
		256QAM	1/Mid	18.41	2.4	20.81
	1745	$\pi/2$ BPSK	1/Mid	22.81	2.4	25.21
		QPSK	1/Mid	22.89	2.4	25.29
		16QAM	1/Mid	21.95	2.4	24.35
		64QAM	1/Mid	20.54	2.4	22.94
		256QAM	1/Mid	18.49	2.4	20.89
	1772.5	$\pi/2$ BPSK	1/Mid	22.81	2.4	25.21
		QPSK	1/Mid	22.92	2.4	25.32
		16QAM	1/Mid	21.95	2.4	24.35
		64QAM	1/Mid	20.51	2.4	22.91
		256QAM	1/Mid	18.44	2.4	20.84
10	1715	$\pi/2$ BPSK	1/Mid	22.83	2.4	25.23
		QPSK	1/Mid	22.86	2.4	25.26
		16QAM	1/Mid	21.98	2.4	24.38
		64QAM	1/Mid	20.49	2.4	22.89
		256QAM	1/Mid	18.47	2.4	20.87
	1745	$\pi/2$ BPSK	1/Mid	22.80	2.4	25.20
		QPSK	1/Mid	22.87	2.4	25.27
		16QAM	1/Mid	22.01	2.4	24.41
		64QAM	1/Mid	20.59	2.4	22.99
		256QAM	1/Mid	18.46	2.4	20.86
	1775	$\pi/2$ BPSK	1/Mid	22.78	2.4	25.18
		QPSK	1/Mid	22.85	2.4	25.25
		16QAM	1/Mid	21.97	2.4	24.37
		64QAM	1/Mid	20.55	2.4	22.95
		256QAM	1/Mid	18.43	2.4	20.83

Channel Bandwidth (MHz)	Frequency (MHz)	Modulation	RB Size/ Offset	Conducted Output Power (dBm)	Antenna Gain(dBi)	EIRP (dBm)
5	1712.5	$\pi/2$ BPSK	1/Mid	22.83	2.4	25.23
		QPSK	1/Mid	22.87	2.4	25.27
		16QAM	1/Mid	22.01	2.4	24.41
		64QAM	1/Mid	20.55	2.4	22.95
		256QAM	1/Mid	18.44	2.4	20.84
	1745	$\pi/2$ BPSK	1/Mid	22.86	2.4	25.26
		QPSK	1/Mid	22.96	2.4	25.36
		16QAM	1/Mid	21.97	2.4	24.37
		64QAM	1/Mid	20.53	2.4	22.93
		256QAM	1/Mid	18.47	2.4	20.87
	1777.5	$\pi/2$ BPSK	1/Mid	22.77	2.4	25.17
		QPSK	1/Mid	22.91	2.4	25.31
		16QAM	1/Mid	21.93	2.4	24.33
		64QAM	1/Mid	20.53	2.4	22.93
		256QAM	1/Mid	18.43	2.4	20.83

7.1.8. NR Band n2

Channel Bandwidth (MHz)	Frequency (MHz)	Modulation	RB Size/ Offset	Conducted Output Power (dBm)	Antenna Gain(dBi)	EIRP (dBm)
40	1870	$\pi/2$ BPSK	1/Mid	22.30	2.4	24.70
		QPSK	1/Mid	22.48	2.4	24.88
		16QAM	1/Mid	21.55	2.4	23.95
		64QAM	1/Mid	20.07	2.4	22.47
		256QAM	1/Mid	18.06	2.4	20.46
	1880	$\pi/2$ BPSK	1/Mid	22.55	2.4	24.95
		QPSK	1/Mid	22.68	2.4	25.08
		16QAM	1/Mid	21.69	2.4	24.09
		64QAM	1/Mid	20.21	2.4	22.61
		256QAM	1/Mid	18.25	2.4	20.65
	1890	$\pi/2$ BPSK	1/Mid	22.53	2.4	24.93
		QPSK	1/Mid	22.58	2.4	24.98
		16QAM	1/Mid	21.64	2.4	24.04
		64QAM	1/Mid	20.08	2.4	22.48
		256QAM	1/Mid	18.20	2.4	20.60
30	1865	$\pi/2$ BPSK	1/Mid	22.13	2.4	24.53
		QPSK	1/Mid	22.27	2.4	24.67
		16QAM	1/Mid	21.34	2.4	23.74
		64QAM	1/Mid	19.81	2.4	22.21
		256QAM	1/Mid	17.85	2.4	20.25
	1880	$\pi/2$ BPSK	1/Mid	22.30	2.4	24.70
		QPSK	1/Mid	22.49	2.4	24.89
		16QAM	1/Mid	21.55	2.4	23.95
		64QAM	1/Mid	20.05	2.4	22.45
		256QAM	1/Mid	18.12	2.4	20.52
	1895	$\pi/2$ BPSK	1/Mid	22.18	2.4	24.58
		QPSK	1/Mid	22.34	2.4	24.74
		16QAM	1/Mid	21.50	2.4	23.90
		64QAM	1/Mid	20.01	2.4	22.41
		256QAM	1/Mid	18.10	2.4	20.50
25	1862.5	$\pi/2$ BPSK	1/Mid	22.13	2.4	24.53
		QPSK	1/Mid	22.17	2.4	24.57
		16QAM	1/Mid	21.28	2.4	23.68
		64QAM	1/Mid	19.87	2.4	22.27
		256QAM	1/Mid	17.85	2.4	20.25
	1880	$\pi/2$ BPSK	1/Mid	22.44	2.4	24.84
		QPSK	1/Mid	22.55	2.4	24.95
		16QAM	1/Mid	21.60	2.4	24.00
		64QAM	1/Mid	20.08	2.4	22.48
		256QAM	1/Mid	18.75	2.4	21.15
	1897.5	$\pi/2$ BPSK	1/Mid	22.39	2.4	24.79
		QPSK	1/Mid	22.49	2.4	24.89
		16QAM	1/Mid	21.56	2.4	23.96
		64QAM	1/Mid	20.04	2.4	22.44
		256QAM	1/Mid	18.04	2.4	20.44

Channel Bandwidth (MHz)	Frequency (MHz)	Modulation	RB Size/Offset	Conducted Output Power (dBm)	Antenna Gain(dBi)	EIRP (dBm)
20	1860	$\pi/2$ BPSK	1/Mid	22.27	2.4	24.67
		QPSK	1/Mid	22.36	2.4	24.76
		16QAM	1/Mid	21.43	2.4	23.83
		64QAM	1/Mid	19.97	2.4	22.37
		256QAM	1/Mid	17.95	2.4	20.35
	1880	$\pi/2$ BPSK	1/Mid	22.48	2.4	24.88
		QPSK	1/Mid	22.53	2.4	24.93
		16QAM	1/Mid	21.63	2.4	24.03
		64QAM	1/Mid	20.08	2.4	22.48
		256QAM	1/Mid	18.14	2.4	20.54
	1900	$\pi/2$ BPSK	1/Mid	22.46	2.4	24.86
		QPSK	1/Mid	22.50	2.4	24.90
		16QAM	1/Mid	21.55	2.4	23.95
		64QAM	1/Mid	20.09	2.4	22.49
		256QAM	1/Mid	18.11	2.4	20.51
15	1857.5	$\pi/2$ BPSK	1/Mid	22.28	2.4	24.68
		QPSK	1/Mid	22.42	2.4	24.82
		16QAM	1/Mid	21.46	2.4	23.86
		64QAM	1/Mid	19.95	2.4	22.35
		256QAM	1/Mid	17.95	2.4	20.35
	1880	$\pi/2$ BPSK	1/Mid	22.49	2.4	24.89
		QPSK	1/Mid	22.60	2.4	25.00
		16QAM	1/Mid	21.62	2.4	24.02
		64QAM	1/Mid	20.12	2.4	22.52
		256QAM	1/Mid	18.13	2.4	20.53
	1902.5	$\pi/2$ BPSK	1/Mid	22.48	2.4	24.88
		QPSK	1/Mid	22.53	2.4	24.93
		16QAM	1/Mid	21.61	2.4	24.01
		64QAM	1/Mid	20.13	2.4	22.53
		256QAM	1/Mid	18.07	2.4	20.47
10	1855	$\pi/2$ BPSK	1/Mid	22.27	2.4	24.67
		QPSK	1/Mid	22.38	2.4	24.78
		16QAM	1/Mid	21.50	2.4	23.90
		64QAM	1/Mid	20.02	2.4	22.42
		256QAM	1/Mid	17.95	2.4	20.35
	1880	$\pi/2$ BPSK	1/Mid	22.43	2.4	24.83
		QPSK	1/Mid	22.57	2.4	24.97
		16QAM	1/Mid	21.64	2.4	24.04
		64QAM	1/Mid	20.11	2.4	22.51
		256QAM	1/Mid	18.12	2.4	20.52
	1905	$\pi/2$ BPSK	1/Mid	22.39	2.4	24.79
		QPSK	1/Mid	22.47	2.4	24.87
		16QAM	1/Mid	21.51	2.4	23.91
		64QAM	1/Mid	19.97	2.4	22.37
		256QAM	1/Mid	18.00	2.4	20.40

Channel Bandwidth (MHz)	Frequency (MHz)	Modulation	RB Size/ Offset	Conducted Output Power (dBm)	Antenna Gain(dBi)	EIRP (dBm)
5	1852.5	$\pi/2$ BPSK	1/Mid	22.36	2.4	24.76
		QPSK	1/Mid	22.43	2.4	24.83
		16QAM	1/Mid	21.52	2.4	23.92
		64QAM	1/Mid	19.97	2.4	22.37
		256QAM	1/Mid	18.01	2.4	20.41
	1880	$\pi/2$ BPSK	1/Mid	22.55	2.4	24.95
		QPSK	1/Mid	22.58	2.4	24.98
		16QAM	1/Mid	21.62	2.4	24.02
		64QAM	1/Mid	20.10	2.4	22.50
		256QAM	1/Mid	18.16	2.4	20.56
	1907.5	$\pi/2$ BPSK	1/Mid	22.43	2.4	24.83
		QPSK	1/Mid	22.55	2.4	24.95
		16QAM	1/Mid	21.65	2.4	24.05
		64QAM	1/Mid	20.06	2.4	22.46
		256QAM	1/Mid	18.06	2.4	20.46

7.1.9. NR Band n25

Channel Bandwidth (MHz)	Frequency (MHz)	Modulation	RB Size/ Offset	Conducted Output Power (dBm)	Antenna Gain(dBi)	EIRP (dBm)
40	1870	$\pi/2$ BPSK	1/Mid	22.67	2.4	25.07
		QPSK	1/Mid	22.80	2.4	25.20
		16QAM	1/Mid	21.83	2.4	24.23
		64QAM	1/Mid	21.14	2.4	23.54
		256QAM	1/Mid	19.21	2.4	21.61
	1882.5	$\pi/2$ BPSK	1/Mid	22.80	2.4	25.20
		QPSK	1/Mid	22.84	2.4	25.24
		16QAM	1/Mid	21.93	2.4	24.33
		64QAM	1/Mid	21.24	2.4	23.64
		256QAM	1/Mid	19.18	2.4	21.58
	1895	$\pi/2$ BPSK	1/Mid	22.73	2.4	25.13
		QPSK	1/Mid	22.79	2.4	25.19
		16QAM	1/Mid	21.85	2.4	24.25
		64QAM	1/Mid	21.15	2.4	23.55
		256QAM	1/Mid	19.19	2.4	21.59
30	1865	$\pi/2$ BPSK	1/Mid	22.60	2.4	25.00
		QPSK	1/Mid	22.71	2.4	25.11
		16QAM	1/Mid	22.70	2.4	25.10
		64QAM	1/Mid	21.13	2.4	23.53
		256QAM	1/Mid	19.21	2.4	21.61
	1882.5	$\pi/2$ BPSK	1/Mid	22.71	2.4	25.11
		QPSK	1/Mid	22.76	2.4	25.16
		16QAM	1/Mid	21.88	2.4	24.28
		64QAM	1/Mid	21.20	2.4	23.60
		256QAM	1/Mid	19.19	2.4	21.59
	1900	$\pi/2$ BPSK	1/Mid	22.66	2.4	25.06
		QPSK	1/Mid	22.74	2.4	25.14
		16QAM	1/Mid	21.84	2.4	24.24
		64QAM	1/Mid	21.12	2.4	23.52
		256QAM	1/Mid	19.20	2.4	21.60
25	1862.5	$\pi/2$ BPSK	1/Mid	22.60	2.4	25.00
		QPSK	1/Mid	22.69	2.4	25.09
		16QAM	1/Mid	21.69	2.4	24.09
		64QAM	1/Mid	21.07	2.4	23.47
		256QAM	1/Mid	19.19	2.4	21.59
	1882.5	$\pi/2$ BPSK	1/Mid	22.74	2.4	25.14
		QPSK	1/Mid	22.76	2.4	25.16
		16QAM	1/Mid	21.90	2.4	24.30
		64QAM	1/Mid	21.24	2.4	23.64
		256QAM	1/Mid	19.24	2.4	21.64
	1902.5	$\pi/2$ BPSK	1/Mid	22.67	2.4	25.07
		QPSK	1/Mid	22.70	2.4	25.10
		16QAM	1/Mid	21.76	2.4	24.16
		64QAM	1/Mid	21.10	2.4	23.50
		256QAM	1/Mid	19.21	2.4	21.61

Channel Bandwidth (MHz)	Frequency (MHz)	Modulation	RB Size/ Offset	Conducted Output Power (dBm)	Antenna Gain(dBi)	EIRP (dBm)
20	1860	$\pi/2$ BPSK	1/Mid	22.61	2.4	25.01
		QPSK	1/Mid	22.70	2.4	25.10
		16QAM	1/Mid	21.76	2.4	24.16
		64QAM	1/Mid	21.08	2.4	23.48
		256QAM	1/Mid	19.23	2.4	21.63
	1882.5	$\pi/2$ BPSK	1/Mid	22.76	2.4	25.16
		QPSK	1/Mid	22.79	2.4	25.19
		16QAM	1/Mid	21.84	2.4	24.24
		64QAM	1/Mid	21.18	2.4	23.58
		256QAM	1/Mid	19.17	2.4	21.57
	1905	$\pi/2$ BPSK	1/Mid	22.70	2.4	25.10
		QPSK	1/Mid	22.71	2.4	25.11
		16QAM	1/Mid	21.77	2.4	24.17
		64QAM	1/Mid	21.09	2.4	23.49
		256QAM	1/Mid	19.18	2.4	21.58
15	1857.5	$\pi/2$ BPSK	1/Mid	22.64	2.4	25.04
		QPSK	1/Mid	22.69	2.4	25.09
		16QAM	1/Mid	21.70	2.4	24.10
		64QAM	1/Mid	21.07	2.4	23.47
		256QAM	1/Mid	19.19	2.4	21.59
	1882.5	$\pi/2$ BPSK	1/Mid	22.69	2.4	25.09
		QPSK	1/Mid	22.75	2.4	25.15
		16QAM	1/Mid	21.89	2.4	24.29
		64QAM	1/Mid	21.21	2.4	23.61
		256QAM	1/Mid	19.22	2.4	21.62
	1907.5	$\pi/2$ BPSK	1/Mid	22.68	2.4	25.08
		QPSK	1/Mid	22.71	2.4	25.11
		16QAM	1/Mid	21.84	2.4	24.24
		64QAM	1/Mid	21.11	2.4	23.51
		256QAM	1/Mid	19.19	2.4	21.59
10	1855	$\pi/2$ BPSK	1/Mid	22.60	2.4	25.00
		QPSK	1/Mid	22.67	2.4	25.07
		16QAM	1/Mid	21.72	2.4	24.12
		64QAM	1/Mid	21.10	2.4	23.50
		256QAM	1/Mid	19.20	2.4	21.60
	1882.5	$\pi/2$ BPSK	1/Mid	22.72	2.4	25.12
		QPSK	1/Mid	22.76	2.4	25.16
		16QAM	1/Mid	21.89	2.4	24.29
		64QAM	1/Mid	21.22	2.4	23.62
		256QAM	1/Mid	19.17	2.4	21.57
	1910	$\pi/2$ BPSK	1/Mid	22.66	2.4	25.06
		QPSK	1/Mid	22.77	2.4	25.17
		16QAM	1/Mid	21.83	2.4	24.23
		64QAM	1/Mid	21.07	2.4	23.47
		256QAM	1/Mid	19.24	2.4	21.64

Channel Bandwidth (MHz)	Frequency (MHz)	Modulation	RB Size/ Offset	Conducted Output Power (dBm)	Antenna Gain(dBi)	EIRP (dBm)
5	1852.5	$\pi/2$ BPSK	1/Mid	22.62	2.4	25.02
		QPSK	1/Mid	22.70	2.4	25.10
		16QAM	1/Mid	21.75	2.4	24.15
		64QAM	1/Mid	21.08	2.4	23.48
		256QAM	1/Mid	19.21	2.4	21.61
	1882.5	$\pi/2$ BPSK	1/Mid	22.71	2.4	25.11
		QPSK	1/Mid	22.79	2.4	25.19
		16QAM	1/Mid	21.88	2.4	24.28
		64QAM	1/Mid	21.25	2.4	23.65
		256QAM	1/Mid	19.18	2.4	21.58
	1912.5	$\pi/2$ BPSK	1/Mid	22.64	2.4	25.04
		QPSK	1/Mid	22.76	2.4	25.16
		16QAM	1/Mid	21.79	2.4	24.19
		64QAM	1/Mid	21.05	2.4	23.45
		256QAM	1/Mid	19.23	2.4	21.63

7.1.10. NR Band n7

Channel Bandwidth (MHz)	Frequency (MHz)	Modulation	RB Size/ Offset	Conducted Output Power (dBm)	Antenna Gain(dBi)	EIRP (dBm)
40	2520	$\pi/2$ BPSK	1/Mid	22.25	1.12	23.37
		QPSK	1/Mid	22.28	1.12	23.40
		16QAM	1/Mid	21.34	1.12	22.46
		64QAM	1/Mid	19.92	1.12	21.04
		256QAM	1/Mid	17.81	1.12	18.93
	2535	$\pi/2$ BPSK	1/Mid	22.21	1.12	23.33
		QPSK	1/Mid	22.31	1.12	23.43
		16QAM	1/Mid	21.41	1.12	22.53
		64QAM	1/Mid	19.89	1.12	21.01
		256QAM	1/Mid	17.88	1.12	19.00
	2550	$\pi/2$ BPSK	1/Mid	22.22	1.12	23.34
		QPSK	1/Mid	22.24	1.12	23.36
		16QAM	1/Mid	21.25	1.12	22.37
		64QAM	1/Mid	19.86	1.12	20.98
		256QAM	1/Mid	17.80	1.12	18.92
30	2515	$\pi/2$ BPSK	1/Mid	22.16	1.12	23.28
		QPSK	1/Mid	22.26	1.12	23.38
		16QAM	1/Mid	21.28	1.12	22.40
		64QAM	1/Mid	19.88	1.12	21.00
		256QAM	1/Mid	17.82	1.12	18.94
	2535	$\pi/2$ BPSK	1/Mid	22.21	1.12	23.33
		QPSK	1/Mid	22.29	1.12	23.41
		16QAM	1/Mid	21.29	1.12	22.41
		64QAM	1/Mid	19.82	1.12	20.94
		256QAM	1/Mid	17.87	1.12	18.99
	2555	$\pi/2$ BPSK	1/Mid	22.23	1.12	23.35
		QPSK	1/Mid	22.27	1.12	23.39
		16QAM	1/Mid	21.28	1.12	22.40
		64QAM	1/Mid	19.87	1.12	20.99
		256QAM	1/Mid	17.85	1.12	18.97
25	2512.5	$\pi/2$ BPSK	1/Mid	22.24	1.12	23.36
		QPSK	1/Mid	22.27	1.12	23.39
		16QAM	1/Mid	21.33	1.12	22.45
		64QAM	1/Mid	19.85	1.12	20.97
		256QAM	1/Mid	17.86	1.12	18.98
	2535	$\pi/2$ BPSK	1/Mid	22.18	1.12	23.30
		QPSK	1/Mid	22.29	1.12	23.41
		16QAM	1/Mid	21.32	1.12	22.44
		64QAM	1/Mid	19.80	1.12	20.92
		256QAM	1/Mid	17.86	1.12	18.98
	2557.5	$\pi/2$ BPSK	1/Mid	22.19	1.12	23.31
		QPSK	1/Mid	22.22	1.12	23.34
		16QAM	1/Mid	21.29	1.12	22.41
		64QAM	1/Mid	19.95	1.12	21.07
		256QAM	1/Mid	17.83	1.12	18.95

Channel Bandwidth (MHz)	Frequency (MHz)	Modulation	RB Size/ Offset	Conducted Output Power (dBm)	Antenna Gain(dBi)	EIRP (dBm)
20	2510	$\pi/2$ BPSK	1/Mid	22.13	1.12	23.25
		QPSK	1/Mid	22.27	1.12	23.39
		16QAM	1/Mid	21.31	1.12	22.43
		64QAM	1/Mid	19.90	1.12	21.02
		256QAM	1/Mid	17.85	1.12	18.97
	2535	$\pi/2$ BPSK	1/Mid	22.11	1.12	23.23
		QPSK	1/Mid	22.23	1.12	23.35
		16QAM	1/Mid	21.26	1.12	22.38
		64QAM	1/Mid	19.77	1.12	20.89
		256QAM	1/Mid	17.76	1.12	18.88
	2560	$\pi/2$ BPSK	1/Mid	22.13	1.12	23.25
		QPSK	1/Mid	22.22	1.12	23.34
		16QAM	1/Mid	21.23	1.12	22.35
		64QAM	1/Mid	19.77	1.12	20.89
		256QAM	1/Mid	17.80	1.12	18.92
15	2507.5	$\pi/2$ BPSK	1/Mid	22.18	1.12	23.30
		QPSK	1/Mid	22.26	1.12	23.38
		16QAM	1/Mid	21.32	1.12	22.44
		64QAM	1/Mid	19.92	1.12	21.04
		256QAM	1/Mid	17.92	1.12	19.04
	2535	$\pi/2$ BPSK	1/Mid	22.12	1.12	23.24
		QPSK	1/Mid	22.24	1.12	23.36
		16QAM	1/Mid	21.29	1.12	22.41
		64QAM	1/Mid	19.86	1.12	20.98
		256QAM	1/Mid	17.86	1.12	18.98
	2562.5	$\pi/2$ BPSK	1/Mid	22.12	1.12	23.24
		QPSK	1/Mid	22.29	1.12	23.41
		16QAM	1/Mid	21.30	1.12	22.42
		64QAM	1/Mid	19.85	1.12	20.97
		256QAM	1/Mid	17.86	1.12	18.98
10	2505	$\pi/2$ BPSK	1/Mid	22.16	1.12	23.28
		QPSK	1/Mid	22.23	1.12	23.35
		16QAM	1/Mid	21.28	1.12	22.40
		64QAM	1/Mid	19.87	1.12	20.99
		256QAM	1/Mid	17.87	1.12	18.99
	2535	$\pi/2$ BPSK	1/Mid	22.21	1.12	23.33
		QPSK	1/Mid	22.26	1.12	23.38
		16QAM	1/Mid	21.29	1.12	22.41
		64QAM	1/Mid	19.88	1.12	21.00
		256QAM	1/Mid	17.85	1.12	18.97
	2565	$\pi/2$ BPSK	1/Mid	22.11	1.12	23.23
		QPSK	1/Mid	22.22	1.12	23.34
		16QAM	1/Mid	21.32	1.12	22.44
		64QAM	1/Mid	19.90	1.12	21.02
		256QAM	1/Mid	17.84	1.12	18.96

Channel Bandwidth (MHz)	Frequency (MHz)	Modulation	RB Size/ Offset	Conducted Output Power (dBm)	Antenna Gain(dBi)	EIRP (dBm)
5	2502.5	$\pi/2$ BPSK	1/Mid	22.16	1.12	23.28
		QPSK	1/Mid	22.24	1.12	23.36
		16QAM	1/Mid	21.26	1.12	22.38
		64QAM	1/Mid	19.87	1.12	20.99
		256QAM	1/Mid	17.82	1.12	18.94
	2535	$\pi/2$ BPSK	1/Mid	22.20	1.12	23.32
		QPSK	1/Mid	22.25	1.12	23.37
		16QAM	1/Mid	21.31	1.12	22.43
		64QAM	1/Mid	19.82	1.12	20.94
		256QAM	1/Mid	17.87	1.12	18.99
	2567.5	$\pi/2$ BPSK	1/Mid	22.16	1.12	23.28
		QPSK	1/Mid	22.23	1.12	23.35
		16QAM	1/Mid	21.27	1.12	22.39
		64QAM	1/Mid	19.82	1.12	20.94
		256QAM	1/Mid	17.88	1.12	19.00

7.1.11. NR Band n41

Channel Bandwidth (MHz)	Frequency (MHz)	Modulation	RB Size/ Offset	Conducted Output Power (dBm)	Antenna Gain(dBi)	EIRP (dBm)
100	2546.01	$\pi/2$ BPSK	1/Mid	22.87	1.12	23.99
		QPSK	1/Mid	22.93	1.12	24.05
		16QAM	1/Mid	22.03	1.12	23.15
		64QAM	1/Mid	20.70	1.12	21.82
		256QAM	1/Mid	18.63	1.12	19.75
	2592.99	$\pi/2$ BPSK	1/Mid	22.89	1.12	24.01
		QPSK	1/Mid	22.96	1.12	24.08
		16QAM	1/Mid	22.03	1.12	23.15
		64QAM	1/Mid	20.46	1.12	21.58
		256QAM	1/Mid	18.56	1.12	19.68
	2640.00	$\pi/2$ BPSK	1/Mid	22.83	1.12	23.95
		QPSK	1/Mid	22.87	1.12	23.99
		16QAM	1/Mid	22.15	1.12	23.27
		64QAM	1/Mid	20.61	1.12	21.73
		256QAM	1/Mid	18.53	1.12	19.65
90	2541.00	$\pi/2$ BPSK	1/Mid	22.79	1.12	23.91
		QPSK	1/Mid	22.89	1.12	24.01
		16QAM	1/Mid	21.98	1.12	23.10
		64QAM	1/Mid	20.64	1.12	21.76
		256QAM	1/Mid	18.59	1.12	19.71
	2592.99	$\pi/2$ BPSK	1/Mid	22.84	1.12	23.96
		QPSK	1/Mid	22.91	1.12	24.03
		16QAM	1/Mid	21.96	1.12	23.08
		64QAM	1/Mid	20.51	1.12	21.63
		256QAM	1/Mid	18.52	1.12	19.64
	2644.98	$\pi/2$ BPSK	1/Mid	22.78	1.12	23.90
		QPSK	1/Mid	22.84	1.12	23.96
		16QAM	1/Mid	22.13	1.12	23.25
		64QAM	1/Mid	20.55	1.12	21.67
		256QAM	1/Mid	18.49	1.12	19.61
80	2536.02	$\pi/2$ BPSK	1/Mid	22.77	1.12	23.89
		QPSK	1/Mid	22.85	1.12	23.97
		16QAM	1/Mid	21.95	1.12	23.07
		64QAM	1/Mid	20.67	1.12	21.79
		256QAM	1/Mid	18.57	1.12	19.69
	2592.99	$\pi/2$ BPSK	1/Mid	22.80	1.12	23.92
		QPSK	1/Mid	22.91	1.12	24.03
		16QAM	1/Mid	21.96	1.12	23.08
		64QAM	1/Mid	20.41	1.12	21.53
		256QAM	1/Mid	18.52	1.12	19.64
	2649.99	$\pi/2$ BPSK	1/Mid	22.74	1.12	23.86
		QPSK	1/Mid	22.77	1.12	23.89
		16QAM	1/Mid	22.13	1.12	23.25
		64QAM	1/Mid	20.53	1.12	21.65
		256QAM	1/Mid	18.52	1.12	19.64

Channel Bandwidth (MHz)	Frequency (MHz)	Modulation	RB Size/Offset	Conducted Output Power (dBm)	Antenna Gain(dBi)	EIRP (dBm)
70	2531.01	$\pi/2$ BPSK	1/Mid	22.79	1.12	23.91
		QPSK	1/Mid	22.89	1.12	24.01
		16QAM	1/Mid	21.94	1.12	23.06
		64QAM	1/Mid	20.64	1.12	21.76
		256QAM	1/Mid	18.53	1.12	19.65
	2592.99	$\pi/2$ BPSK	1/Mid	22.87	1.12	23.99
		QPSK	1/Mid	22.94	1.12	24.06
		16QAM	1/Mid	22.01	1.12	23.13
		64QAM	1/Mid	20.51	1.12	21.63
		256QAM	1/Mid	18.53	1.12	19.65
	2655.00	$\pi/2$ BPSK	1/Mid	22.77	1.12	23.89
		QPSK	1/Mid	22.82	1.12	23.94
		16QAM	1/Mid	22.11	1.12	23.23
		64QAM	1/Mid	20.58	1.12	21.70
		256QAM	1/Mid	18.49	1.12	19.61
60	2526.00	$\pi/2$ BPSK	1/Mid	22.83	1.12	23.95
		QPSK	1/Mid	22.91	1.12	24.03
		16QAM	1/Mid	21.97	1.12	23.09
		64QAM	1/Mid	20.66	1.12	21.78
		256QAM	1/Mid	18.64	1.12	19.76
	2592.99	$\pi/2$ BPSK	1/Mid	22.81	1.12	23.93
		QPSK	1/Mid	22.86	1.12	23.98
		16QAM	1/Mid	21.99	1.12	23.11
		64QAM	1/Mid	20.44	1.12	21.56
		256QAM	1/Mid	18.51	1.12	19.63
	2659.98	$\pi/2$ BPSK	1/Mid	22.73	1.12	23.85
		QPSK	1/Mid	22.84	1.12	23.96
		16QAM	1/Mid	22.12	1.12	23.24
		64QAM	1/Mid	20.51	1.12	21.63
		256QAM	1/Mid	18.52	1.12	19.64
50	2521.02	$\pi/2$ BPSK	1/Mid	22.84	1.12	23.96
		QPSK	1/Mid	22.87	1.12	23.99
		16QAM	1/Mid	22.02	1.12	23.14
		64QAM	1/Mid	20.65	1.12	21.77
		256QAM	1/Mid	18.55	1.12	19.67
	2592.99	$\pi/2$ BPSK	1/Mid	22.81	1.12	23.93
		QPSK	1/Mid	22.89	1.12	24.01
		16QAM	1/Mid	22.02	1.12	23.14
		64QAM	1/Mid	20.41	1.12	21.53
		256QAM	1/Mid	18.52	1.12	19.64
	2664.99	$\pi/2$ BPSK	1/Mid	22.73	1.12	23.85
		QPSK	1/Mid	22.86	1.12	23.98
		16QAM	1/Mid	22.12	1.12	23.24
		64QAM	1/Mid	20.56	1.12	21.68
		256QAM	1/Mid	18.47	1.12	19.59

Channel Bandwidth (MHz)	Frequency (MHz)	Modulation	RB Size/ Offset	Conducted Output Power (dBm)	Antenna Gain(dBi)	EIRP (dBm)
40	2516.01	$\pi/2$ BPSK	1/Mid	22.79	1.12	23.91
		QPSK	1/Mid	22.84	1.12	23.96
		16QAM	1/Mid	21.98	1.12	23.10
		64QAM	1/Mid	20.66	1.12	21.78
		256QAM	1/Mid	18.62	1.12	19.74
	2592.99	$\pi/2$ BPSK	1/Mid	22.72	1.12	23.84
		QPSK	1/Mid	22.79	1.12	23.91
		16QAM	1/Mid	21.88	1.12	23.00
		64QAM	1/Mid	20.40	1.12	21.52
		256QAM	1/Mid	18.44	1.12	19.56
	2670.00	$\pi/2$ BPSK	1/Mid	22.72	1.12	23.84
		QPSK	1/Mid	22.80	1.12	23.92
		16QAM	1/Mid	22.14	1.12	23.26
		64QAM	1/Mid	20.57	1.12	21.69
		256QAM	1/Mid	18.48	1.12	19.60
30	2511.00	$\pi/2$ BPSK	1/Mid	22.80	1.12	23.92
		QPSK	1/Mid	22.92	1.12	24.04
		16QAM	1/Mid	21.97	1.12	23.09
		64QAM	1/Mid	20.61	1.12	21.73
		256QAM	1/Mid	18.61	1.12	19.73
	2592.99	$\pi/2$ BPSK	1/Mid	22.82	1.12	23.94
		QPSK	1/Mid	22.88	1.12	24.00
		16QAM	1/Mid	22.03	1.12	23.15
		64QAM	1/Mid	20.42	1.12	21.54
		256QAM	1/Mid	18.53	1.12	19.65
	2674.98	$\pi/2$ BPSK	1/Mid	22.75	1.12	23.87
		QPSK	1/inner left	22.82	1.12	23.94
		16QAM	1/Mid	22.13	1.12	23.25
		64QAM	1/Mid	20.57	1.12	21.69
		256QAM	1/Mid	18.46	1.12	19.58
20	2506.02	$\pi/2$ BPSK	1/Mid	22.84	1.12	23.96
		QPSK	1/Mid	22.91	1.12	24.03
		16QAM	1/Mid	22.02	1.12	23.14
		64QAM	1/Mid	20.65	1.12	21.77
		256QAM	1/Mid	18.63	1.12	19.75
	2592.99	$\pi/2$ BPSK	1/Mid	22.80	1.12	23.92
		QPSK	1/Mid	22.87	1.12	23.99
		16QAM	1/Mid	21.94	1.12	23.06
		64QAM	1/Mid	20.38	1.12	21.50
		256QAM	1/Mid	18.46	1.12	19.58
	2679.99	$\pi/2$ BPSK	1/Mid	22.75	1.12	23.87
		QPSK	1/Mid	22.85	1.12	23.97
		16QAM	1/Mid	22.10	1.12	23.22
		64QAM	1/Mid	20.53	1.12	21.65
		256QAM	1/Mid	18.49	1.12	19.61

Channel Bandwidth (MHz)	Frequency (MHz)	Modulation	RB Size/ Offset	Conducted Output Power (dBm)	Antenna Gain(dBi)	EIRP (dBm)
10	2501.01	$\pi/2$ BPSK	1/Mid	22.78	1.12	23.90
		QPSK	1/Mid	22.85	1.12	23.97
		16QAM	1/Mid	21.93	1.12	23.05
		64QAM	1/Mid	20.68	1.12	21.80
		256QAM	1/Mid	18.62	1.12	19.74
	2592.99	$\pi/2$ BPSK	1/Mid	22.85	1.12	23.97
		QPSK	1/Mid	22.87	1.12	23.99
		16QAM	1/Mid	22.02	1.12	23.14
		64QAM	1/Mid	20.40	1.12	21.52
		256QAM	1/Mid	18.55	1.12	19.67
	2685.00	$\pi/2$ BPSK	1/Mid	22.79	1.12	23.91
		QPSK	1/Mid	22.82	1.12	23.94
		16QAM	1/Mid	22.06	1.12	23.18
		64QAM	1/Mid	20.55	1.12	21.67
		256QAM	1/Mid	18.51	1.12	19.63

7.1.12. NR Band n38

Channel Bandwidth (MHz)	Frequency (MHz)	Modulation	RB Size/ Offset	Conducted Output Power (dBm)	Antenna Gain(dBi)	EIRP (dBm)
40	2590.00	$\pi/2$ BPSK	1/Mid	22.96	1.12	24.08
		QPSK	1/Mid	23.09	1.12	24.21
		16QAM	1/Mid	22.16	1.12	23.28
		64QAM	1/Mid	20.70	1.12	21.82
		256QAM	1/Mid	18.73	1.12	19.85
	2595.00	$\pi/2$ BPSK	1/Mid	23.01	1.12	24.13
		QPSK	1/Mid	23.12	1.12	24.24
		16QAM	1/Mid	22.21	1.12	23.33
		64QAM	1/Mid	20.73	1.12	21.85
		256QAM	1/Mid	18.79	1.12	19.91
	2600.00	$\pi/2$ BPSK	1/Mid	22.94	1.12	24.06
		QPSK	1/Mid	23.06	1.12	24.18
		16QAM	1/Mid	22.16	1.12	23.28
		64QAM	1/Mid	20.71	1.12	21.83
		256QAM	1/Mid	18.75	1.12	19.87
30	2585.00	$\pi/2$ BPSK	1/Mid	22.94	1.12	24.06
		QPSK	1/Mid	23.00	1.12	24.12
		16QAM	1/Mid	22.13	1.12	23.25
		64QAM	1/Mid	20.64	1.12	21.76
		256QAM	1/inner left	18.67	1.12	19.79
	2595.00	$\pi/2$ BPSK	1/Mid	22.98	1.12	24.10
		QPSK	1/Mid	23.03	1.12	24.15
		16QAM	1/Mid	22.18	1.12	23.30
		64QAM	1/Mid	20.66	1.12	21.78
		256QAM	1/Mid	18.76	1.12	19.88
	2605.00	$\pi/2$ BPSK	1/Mid	22.92	1.12	24.04
		QPSK	1/Mid	22.97	1.12	24.09
		16QAM	1/Mid	22.15	1.12	23.27
		64QAM	1/Mid	20.67	1.12	21.79
		256QAM	1/Mid	18.67	1.12	19.79
20	2580.00	$\pi/2$ BPSK	1/Mid	22.87	1.12	23.99
		QPSK	1/Mid	22.98	1.12	24.10
		16QAM	1/Mid	22.08	1.12	23.20
		64QAM	1/Mid	20.62	1.12	21.74
		256QAM	1/Mid	18.71	1.12	19.83
	2595.00	$\pi/2$ BPSK	1/Mid	22.92	1.12	24.04
		QPSK	1/Mid	23.04	1.12	24.16
		16QAM	1/Mid	22.13	1.12	23.25
		64QAM	1/Mid	20.67	1.12	21.79
		256QAM	1/Mid	18.78	1.12	19.90
	2610.00	$\pi/2$ BPSK	1/Mid	22.84	1.12	23.96
		QPSK	1/Mid	23.05	1.12	24.17
		16QAM	1/Mid	22.10	1.12	23.22
		64QAM	1/Mid	20.69	1.12	21.81
		256QAM	1/Mid	18.74	1.12	19.86

Channel Bandwidth (MHz)	Frequency (MHz)	Modulation	RB Size/ Offset	Conducted Output Power (dBm)	Antenna Gain(dBi)	EIRP (dBm)
10	2575.00	$\pi/2$ BPSK	1/Mid	22.88	1.12	24.00
		QPSK	1/Mid	22.97	1.12	24.09
		16QAM	1/Mid	22.12	1.12	23.24
		64QAM	1/Mid	20.63	1.12	21.75
		256QAM	1/Mid	18.64	1.12	19.76
	2595.00	$\pi/2$ BPSK	1/Mid	22.93	1.12	24.05
		QPSK	1/Mid	23.08	1.12	24.20
		16QAM	1/Mid	22.19	1.12	23.31
		64QAM	1/Mid	20.66	1.12	21.78
		256QAM	1/Mid	18.78	1.12	19.90
	2615.00	$\pi/2$ BPSK	1/Mid	22.86	1.12	23.98
		QPSK	1/Mid	23.02	1.12	24.14
		16QAM	1/Mid	22.10	1.12	23.22
		64QAM	1/Mid	20.70	1.12	21.82
		256QAM	1/Mid	18.68	1.12	19.80

7.1.13. NR Band n78

3450 ~ 3550 MHz band

Channel Bandwidth (MHz)	Frequency (MHz)	Modulation	RB Size/ Offset	Conducted Output Power (dBm)	Antenna Gain(dBi)	EIRP (dBm)
100	3500.01	$\pi/2$ BPSK	1/Mid	25.34	3.25	28.59
		QPSK	1/Mid	25.41	3.25	28.66
		16QAM	1/Mid	24.57	3.25	27.82
		64QAM	1/Mid	23.34	3.25	26.59
		256QAM	1/Mid	21.01	3.25	24.26
90	3495.00	$\pi/2$ BPSK	1/Mid	25.17	3.25	28.42
		QPSK	1/Mid	25.30	3.25	28.55
		16QAM	1/Mid	24.23	3.25	27.48
		64QAM	1/Mid	23.05	3.25	26.30
		256QAM	1/Mid	20.87	3.25	24.12
	3500.01	$\pi/2$ BPSK	1/Mid	25.21	3.25	28.46
		QPSK	1/Mid	25.35	3.25	28.60
		16QAM	1/Mid	24.40	3.25	27.65
		64QAM	1/Mid	23.20	3.25	26.45
		256QAM	1/Mid	20.94	3.25	24.19
	3504.99	$\pi/2$ BPSK	1/Inner right	25.13	3.25	28.38
		QPSK	1/Mid	25.29	3.25	28.54
		16QAM	1/Inner right	24.32	3.25	27.57
		64QAM	1/inner left	23.07	3.25	26.32
		256QAM	1/Mid	20.93	3.25	24.18
80	3490.02	$\pi/2$ BPSK	1/Mid	25.22	3.25	28.47
		QPSK	1/inner left	25.35	3.25	28.60
		16QAM	1/inner left	24.37	3.25	27.62
		64QAM	1/inner left	23.09	3.25	26.34
		256QAM	1/Mid	20.83	3.25	24.08
	3500.01	$\pi/2$ BPSK	1/Mid	25.34	3.25	28.59
		QPSK	1/Mid	25.38	3.25	28.63
		16QAM	1/Mid	24.53	3.25	27.78
		64QAM	1/Mid	23.23	3.25	26.48
		256QAM	1/Mid	20.93	3.25	24.18
	3510.00	$\pi/2$ BPSK	1/Mid	25.24	3.25	28.49
		QPSK	1/inner left	25.33	3.25	28.58
		16QAM	1/Mid	24.46	3.25	27.71
		64QAM	1/inner left	23.16	3.25	26.41
		256QAM	1/inner left	20.83	3.25	24.08
70	3485.01	$\pi/2$ BPSK	1/Mid	25.19	3.25	28.44
		QPSK	1/inner left	25.28	3.25	28.53
		16QAM	1/Mid	24.38	3.25	27.63
		64QAM	1/Mid	23.13	3.25	26.38
		256QAM	1/inner left	20.91	3.25	24.16
	3500.01	$\pi/2$ BPSK	1/Mid	25.32	3.25	28.57
		QPSK	1/Mid	25.39	3.25	28.64
		16QAM	1/Mid	24.51	3.25	27.76
		64QAM	1/Mid	23.22	3.25	26.47
		256QAM	1/Mid	21.02	3.25	24.27
	3515.01	$\pi/2$ BPSK	1/Mid	25.20	3.25	28.45
		QPSK	1/Mid	25.25	3.25	28.50
		16QAM	1/Mid	24.37	3.25	27.62
		64QAM	1/Mid	23.15	3.25	26.40
		256QAM	1/Mid	20.82	3.25	24.07

Channel Bandwidth (MHz)	Frequency (MHz)	Modulation	RB Size/ Offset	Conducted Output Power (dBm)	Antenna Gain(dBi)	EIRP (dBm)
60	3480.00	$\pi/2$ BPSK	1/Inner right	25.26	3.25	28.51
		QPSK	1/Mid	25.35	3.25	28.60
		16QAM	1/Mid	24.40	3.25	27.65
		64QAM	1/inner left	23.06	3.25	26.31
		256QAM	1/Mid	20.86	3.25	24.11
	3500.01	$\pi/2$ BPSK	1/Mid	25.32	3.25	28.57
		QPSK	1/Mid	25.40	3.25	28.65
		16QAM	1/Mid	24.47	3.25	27.72
		64QAM	1/Mid	23.15	3.25	26.40
		256QAM	1/Mid	21.00	3.25	24.25
	3519.99	$\pi/2$ BPSK	1/Mid	25.29	3.25	28.54
		QPSK	1/Inner right	25.29	3.25	28.54
		16QAM	1/Mid	24.29	3.25	27.54
		64QAM	1/Mid	23.13	3.25	26.38
		256QAM	1/Mid	20.95	3.25	24.20
50	3475.02	$\pi/2$ BPSK	1/Mid	25.33	3.25	28.58
		QPSK	1/Mid	25.40	3.25	28.65
		16QAM	1/Mid	24.46	3.25	27.71
		64QAM	1/Mid	23.17	3.25	26.42
		256QAM	1/Mid	20.97	3.25	24.22
	3500.01	$\pi/2$ BPSK	1/Mid	25.25	3.25	28.50
		QPSK	1/inner left	25.25	3.25	28.50
		16QAM	1/Inner right	24.36	3.25	27.61
		64QAM	1/Mid	23.13	3.25	26.38
		256QAM	1/Mid	20.90	3.25	24.15
	3525.00	$\pi/2$ BPSK	1/Mid	25.25	3.25	28.50
		QPSK	1/Mid	25.34	3.25	28.59
		16QAM	1/Mid	24.48	3.25	27.73
		64QAM	1/Mid	23.22	3.25	26.47
		256QAM	1/Mid	20.99	3.25	24.24
40	3470.01	$\pi/2$ BPSK	1/Mid	25.25	3.25	28.50
		QPSK	1/Mid	25.35	3.25	28.60
		16QAM	1/Mid	24.47	3.25	27.72
		64QAM	1/Mid	23.30	3.25	26.55
		256QAM	1/Mid	21.00	3.25	24.25
	3500.01	$\pi/2$ BPSK	1/Mid	25.21	3.25	28.46
		QPSK	1/Mid	25.32	3.25	28.57
		16QAM	1/Mid	24.50	3.25	27.75
		64QAM	1/Mid	23.33	3.25	26.58
		256QAM	1/Mid	20.95	3.25	24.20
	3530.01	$\pi/2$ BPSK	1/Mid	25.30	3.25	28.55
		QPSK	1/Mid	25.37	3.25	28.62
		16QAM	1/Mid	24.53	3.25	27.78
		64QAM	1/Mid	23.33	3.25	26.58
		256QAM	1/Mid	20.99	3.25	24.24

Channel Bandwidth (MHz)	Frequency (MHz)	Modulation	RB Size/ Offset	Conducted Output Power (dBm)	Antenna Gain(dBi)	EIRP (dBm)
30	3465.00	$\pi/2$ BPSK	1/Mid	25.27	3.25	28.52
		QPSK	1/Mid	25.39	3.25	28.64
		16QAM	1/Mid	24.46	3.25	27.71
		64QAM	1/Mid	23.16	3.25	26.41
		256QAM	1/Mid	20.99	3.25	24.24
	3500.01	$\pi/2$ BPSK	1/Mid	25.24	3.25	28.49
		QPSK	1/Mid	25.38	3.25	28.63
		16QAM	1/Mid	24.57	3.25	27.82
		64QAM	1/Mid	23.33	3.25	26.58
		256QAM	1/Mid	20.96	3.25	24.21
	3534.99	$\pi/2$ BPSK	1/Mid	25.27	3.25	28.52
		QPSK	1/Mid	25.35	3.25	28.60
		16QAM	1/Mid	24.49	3.25	27.74
		64QAM	1/Mid	23.20	3.25	26.45
		256QAM	1/Mid	21.06	3.25	24.31
20	3460.02	$\pi/2$ BPSK	1/Mid	25.28	3.25	28.53
		QPSK	1/Mid	25.37	3.25	28.62
		16QAM	1/Mid	24.47	3.25	27.72
		64QAM	1/Mid	23.22	3.25	26.47
		256QAM	1/Mid	20.97	3.25	24.22
	3500.01	$\pi/2$ BPSK	1/Mid	25.26	3.25	28.51
		QPSK	1/Mid	25.39	3.25	28.64
		16QAM	1/Mid	24.47	3.25	27.72
		64QAM	1/Mid	23.21	3.25	26.46
		256QAM	1/Mid	20.97	3.25	24.22
	3540.00	$\pi/2$ BPSK	1/Mid	25.29	3.25	28.54
		QPSK	1/Mid	25.39	3.25	28.64
		16QAM	1/Mid	24.47	3.25	27.72
		64QAM	1/Mid	23.33	3.25	26.58
		256QAM	1/Mid	21.05	3.25	24.30
10	3455.01	$\pi/2$ BPSK	1/Mid	25.28	3.25	28.53
		QPSK	1/Mid	25.38	3.25	28.63
		16QAM	1/Mid	24.43	3.25	27.68
		64QAM	1/Mid	23.21	3.25	26.46
		256QAM	1/Mid	20.93	3.25	24.18
	3500.01	$\pi/2$ BPSK	1/Mid	25.20	3.25	28.45
		QPSK	1/Mid	25.35	3.25	28.60
		16QAM	1/Mid	24.40	3.25	27.65
		64QAM	1/Mid	23.12	3.25	26.37
		256QAM	1/Mid	20.92	3.25	24.17
	3545.01	$\pi/2$ BPSK	1/Mid	25.31	3.25	28.56
		QPSK	1/Mid	25.39	3.25	28.64
		16QAM	1/Mid	24.43	3.25	27.68
		64QAM	1/Mid	23.26	3.25	26.51
		256QAM	1/Mid	21.02	3.25	24.27

3700 ~ 3800 MHz band

Channel Bandwidth (MHz)	Frequency (MHz)	Modulation	RB Size/ Offset	Conducted Output Power (dBm)	Antenna Gain(dBi)	EIRP (dBm)
100	3750.00	$\pi/2$ BPSK	1/Mid	25.41	3.25	28.66
		QPSK	1/Mid	25.48	3.25	28.73
		16QAM	1/Mid	24.51	3.25	27.76
		64QAM	1/Mid	23.10	3.25	26.35
		256QAM	1/Mid	21.05	3.25	24.30
90	3745.02	$\pi/2$ BPSK	1/Mid	25.20	3.25	28.45
		QPSK	1/Mid	25.35	3.25	28.60
		16QAM	1/Inner right	24.32	3.25	27.57
		64QAM	1/Mid	23.01	3.25	26.26
		256QAM	1/Mid	21.14	3.25	24.39
	3750.00	$\pi/2$ BPSK	1/Mid	25.26	3.25	28.51
		QPSK	1/Mid	25.42	3.25	28.67
		16QAM	1/Mid	24.45	3.25	27.70
		64QAM	1/Mid	23.09	3.25	26.34
		256QAM	1/Mid	21.15	3.25	24.40
	3754.98	$\pi/2$ BPSK	1/Mid	25.25	3.25	28.50
		QPSK	1/Mid	25.34	3.25	28.59
		16QAM	1/Mid	24.38	3.25	27.63
		64QAM	1/Mid	23.04	3.25	26.29
		256QAM	1/Mid	21.10	3.25	24.35
80	3740.01	$\pi/2$ BPSK	1/Mid	25.26	3.25	28.51
		QPSK	1/Mid	25.37	3.25	28.62
		16QAM	1/Mid	24.41	3.25	27.66
		64QAM	1/Mid	22.98	3.25	26.23
		256QAM	1/Mid	21.04	3.25	24.29
	3750.00	$\pi/2$ BPSK	1/Mid	25.29	3.25	28.54
		QPSK	1/Mid	25.38	3.25	28.63
		16QAM	1/Mid	24.49	3.25	27.74
		64QAM	1/Mid	23.05	3.25	26.30
		256QAM	1/Mid	21.12	3.25	24.37
	3759.99	$\pi/2$ BPSK	1/Mid	25.24	3.25	28.49
		QPSK	1/Mid	25.31	3.25	28.56
		16QAM	1/Mid	24.42	3.25	27.67
		64QAM	1/Mid	22.91	3.25	26.16
		256QAM	1/Mid	20.98	3.25	24.23
70	3735.00	$\pi/2$ BPSK	1/Mid	25.17	3.25	28.42
		QPSK	1/Inner right	25.28	3.25	28.53
		16QAM	1/Mid	24.39	3.25	27.64
		64QAM	1/Mid	22.95	3.25	26.20
		256QAM	1/Inner right	20.92	3.25	24.17
	3750.00	$\pi/2$ BPSK	1/Mid	25.19	3.25	28.44
		QPSK	1/Mid	25.34	3.25	28.59
		16QAM	1/Mid	24.45	3.25	27.70
		64QAM	1/Mid	23.07	3.25	26.32
		256QAM	1/Mid	20.99	3.25	24.24
	3765.00	$\pi/2$ BPSK	1/Mid	25.14	3.25	28.39
		QPSK	1/Mid	25.16	3.25	28.41
		16QAM	1/inner left	24.37	3.25	27.62
		64QAM	1/Mid	22.97	3.25	26.22
		256QAM	1/Mid	20.91	3.25	24.16

Channel Bandwidth (MHz)	Frequency (MHz)	Modulation	RB Size/ Offset	Conducted Output Power (dBm)	Antenna Gain(dBi)	EIRP (dBm)
60	3730.02	$\pi/2$ BPSK	1/Mid	25.21	3.25	28.46
		QPSK	1/Mid	25.26	3.25	28.51
		16QAM	1/Mid	24.31	3.25	27.56
		64QAM	1/Mid	23.01	3.25	26.26
		256QAM	1/Inner right	20.94	3.25	24.19
	3750.00	$\pi/2$ BPSK	1/Mid	25.25	3.25	28.50
		QPSK	1/Mid	25.34	3.25	28.59
		16QAM	1/Mid	24.36	3.25	27.61
		64QAM	1/Mid	23.07	3.25	26.32
		256QAM	1/Mid	20.97	3.25	24.22
	3769.98	$\pi/2$ BPSK	1/Inner right	25.13	3.25	28.38
		QPSK	1/Mid	25.32	3.25	28.57
		16QAM	1/Mid	24.31	3.25	27.56
		64QAM	1/Mid	23.04	3.25	26.29
		256QAM	1/Inner right	20.92	3.25	24.17
50	3725.01	$\pi/2$ BPSK	1/Mid	25.29	3.25	28.54
		QPSK	1/Mid	25.45	3.25	28.70
		16QAM	1/Mid	24.50	3.25	27.75
		64QAM	1/Mid	23.08	3.25	26.33
		256QAM	1/Mid	20.99	3.25	24.24
	3750.00	$\pi/2$ BPSK	1/Mid	25.28	3.25	28.53
		QPSK	1/Mid	25.35	3.25	28.60
		16QAM	1/Inner right	24.35	3.25	27.60
		64QAM	1/Mid	22.96	3.25	26.21
		256QAM	1/Mid	20.91	3.25	24.16
	3774.99	$\pi/2$ BPSK	1/Mid	25.28	3.25	28.53
		QPSK	1/Mid	25.42	3.25	28.67
		16QAM	1/Mid	24.44	3.25	27.69
		64QAM	1/Mid	23.02	3.25	26.27
		256QAM	1/Mid	20.96	3.25	24.21
40	3720.00	$\pi/2$ BPSK	1/Mid	25.21	3.25	28.46
		QPSK	1/Mid	25.32	3.25	28.57
		16QAM	1/Mid	24.36	3.25	27.61
		64QAM	1/Mid	23.07	3.25	26.32
		256QAM	1/Mid	21.02	3.25	24.27
	3750.00	$\pi/2$ BPSK	1/inner left	25.13	3.25	28.38
		QPSK	1/Mid	25.23	3.25	28.48
		16QAM	1/Inner right	24.28	3.25	27.53
		64QAM	1/inner left	22.99	3.25	26.24
		256QAM	1/Inner right	20.85	3.25	24.10
	3780.00	$\pi/2$ BPSK	1/Mid	25.19	3.25	28.44
		QPSK	1/Mid	25.30	3.25	28.55
		16QAM	1/Mid	24.35	3.25	27.60
		64QAM	1/Mid	23.00	3.25	26.25
		256QAM	1/Mid	20.96	3.25	24.21

Channel Bandwidth (MHz)	Frequency (MHz)	Modulation	RB Size/ Offset	Conducted Output Power (dBm)	Antenna Gain(dBi)	EIRP (dBm)
30	3715.02	$\pi/2$ BPSK	1/Mid	25.23	3.25	28.48
		QPSK	1/Mid	25.36	3.25	28.61
		16QAM	1/Mid	24.40	3.25	27.65
		64QAM	1/Mid	23.00	3.25	26.25
		256QAM	1/Mid	21.03	3.25	24.28
	3750.00	$\pi/2$ BPSK	1/Mid	25.17	3.25	28.42
		QPSK	1/Mid	25.28	3.25	28.53
		16QAM	1/Mid	24.36	3.25	27.61
		64QAM	1/Mid	23.00	3.25	26.25
		256QAM	1/Mid	21.00	3.25	24.25
	3785.01	$\pi/2$ BPSK	1/Mid	25.35	3.25	28.60
		QPSK	1/Mid	25.46	3.25	28.71
		16QAM	1/Mid	24.49	3.25	27.74
		64QAM	1/Mid	23.03	3.25	26.28
		256QAM	1/Mid	21.02	3.25	24.27
20	3710.01	$\pi/2$ BPSK	1/Mid	25.30	3.25	28.55
		QPSK	1/Mid	25.42	3.25	28.67
		16QAM	1/Mid	24.47	3.25	27.72
		64QAM	1/Mid	23.05	3.25	26.30
		256QAM	1/Mid	21.01	3.25	24.26
	3750	$\pi/2$ BPSK	1/Mid	25.33	3.25	28.58
		QPSK	1/Mid	25.41	3.25	28.66
		16QAM	1/Mid	24.43	3.25	27.68
		64QAM	1/Mid	23.09	3.25	26.34
		256QAM	1/Mid	20.99	3.25	24.24
	3789.99	$\pi/2$ BPSK	1/Mid	25.24	3.25	28.49
		QPSK	1/Mid	25.35	3.25	28.60
		16QAM	1/Mid	24.38	3.25	27.63
		64QAM	1/Mid	23.08	3.25	26.33
		256QAM	1/Mid	21.06	3.25	24.31
10	3705.00	$\pi/2$ BPSK	1/Mid	25.21	3.25	28.46
		QPSK	1/Mid	25.35	3.25	28.60
		16QAM	1/Mid	24.43	3.25	27.68
		64QAM	1/Mid	23.04	3.25	26.29
		256QAM	1/Mid	20.92	3.25	24.17
	3750.00	$\pi/2$ BPSK	1/Mid	25.25	3.25	28.50
		QPSK	1/Mid	25.34	3.25	28.59
		16QAM	1/Mid	24.36	3.25	27.61
		64QAM	1/Mid	23.03	3.25	26.28
		256QAM	1/Mid	20.97	3.25	24.22
	3795.00	$\pi/2$ BPSK	1/Mid	25.19	3.25	28.44
		QPSK	1/Mid	25.26	3.25	28.51
		16QAM	1/Mid	24.31	3.25	27.56
		64QAM	1/Mid	23.04	3.25	26.29
		256QAM	1/Mid	20.97	3.25	24.22

7.1.14. NR Band n77

3450 ~ 3550 MHz band

Channel Bandwidth (MHz)	Frequency (MHz)	Modulation	RB Size/ Offset	Conducted Output Power (dBm)	Antenna Gain(dBi)	EIRP (dBm)
100	3500.01	$\pi/2$ BPSK	1/Mid	25.37	3.25	28.62
		QPSK	1/Mid	25.47	3.25	28.72
		16QAM	1/Mid	25.01	3.25	28.26
		64QAM	1/Mid	23.15	3.25	26.40
		256QAM	1/Mid	21.02	3.25	24.27
90	3495.00	$\pi/2$ BPSK	1/Mid	25.24	3.25	28.49
		QPSK	1/Mid	25.33	3.25	28.58
		16QAM	1/Mid	24.48	3.25	27.73
		64QAM	1/Mid	22.84	3.25	26.09
		256QAM	1/Inner right	21.01	3.25	24.26
	3500.01	$\pi/2$ BPSK	1/Mid	25.29	3.25	28.54
		QPSK	1/Mid	25.40	3.25	28.65
		16QAM	1/Mid	24.49	3.25	27.74
		64QAM	1/Mid	23.01	3.25	26.26
		256QAM	1/Mid	21.07	3.25	24.32
	3504.99	$\pi/2$ BPSK	1/Mid	25.24	3.25	28.49
		QPSK	1/Inner right	25.35	3.25	28.60
		16QAM	1/Inner right	24.40	3.25	27.65
		64QAM	1/Mid	22.99	3.25	26.24
		256QAM	1/inner left	20.96	3.25	24.21
80	3490.02	$\pi/2$ BPSK	1/Mid	25.14	3.25	28.39
		QPSK	1/inner left	25.15	3.25	28.40
		16QAM	1/Mid	24.30	3.25	27.55
		64QAM	1/Mid	22.71	3.25	25.96
		256QAM	1/Mid	20.76	3.25	24.01
	3500.01	$\pi/2$ BPSK	1/Mid	25.21	3.25	28.46
		QPSK	1/Mid	25.27	3.25	28.52
		16QAM	1/Mid	24.33	3.25	27.58
		64QAM	1/Mid	22.79	3.25	26.04
		256QAM	1/Mid	20.81	3.25	24.06
	3510.00	$\pi/2$ BPSK	1/Mid	25.14	3.25	28.39
		QPSK	1/inner left	25.17	3.25	28.42
		16QAM	1/Mid	24.31	3.25	27.56
		64QAM	1/Mid	22.78	3.25	26.03
		256QAM	1/Mid	20.69	3.25	23.94
70	3485.01	$\pi/2$ BPSK	1/Mid	25.05	3.25	28.30
		QPSK	1/Mid	25.16	3.25	28.41
		16QAM	1/Mid	24.30	3.25	27.55
		64QAM	1/Mid	22.69	3.25	25.94
		256QAM	1/inner left	20.64	3.25	23.89
	3500.01	$\pi/2$ BPSK	1/Mid	25.10	3.25	28.35
		QPSK	1/Mid	25.19	3.25	28.44
		16QAM	1/Mid	24.35	3.25	27.60
		64QAM	1/Mid	22.73	3.25	25.98
		256QAM	1/Mid	20.74	3.25	23.99
	3515.01	$\pi/2$ BPSK	1/Mid	25.00	3.25	28.25
		QPSK	1/Mid	25.12	3.25	28.37
		16QAM	1/Mid	24.25	3.25	27.50
		64QAM	1/Mid	22.66	3.25	25.91
		256QAM	1/inner left	20.67	3.25	23.92

Channel Bandwidth (MHz)	Frequency (MHz)	Modulation	RB Size/ Offset	Conducted Output Power (dBm)	Antenna Gain(dBi)	EIRP (dBm)
60	3480.00	$\pi/2$ BPSK	1/Mid	24.99	3.25	28.24
		QPSK	1/Mid	25.22	3.25	28.47
		16QAM	1/Mid	24.30	3.25	27.55
		64QAM	1/Mid	22.71	3.25	25.96
		256QAM	1/Mid	20.76	3.25	24.01
	3500.01	$\pi/2$ BPSK	1/Mid	25.13	3.25	28.38
		QPSK	1/Mid	25.26	3.25	28.51
		16QAM	1/Mid	24.36	3.25	27.61
		64QAM	1/Mid	22.76	3.25	26.01
		256QAM	1/Mid	20.80	3.25	24.05
	3519.99	$\pi/2$ BPSK	1/Inner right	25.06	3.25	28.31
		QPSK	1/Mid	25.21	3.25	28.46
		16QAM	1/Mid	24.35	3.25	27.60
		64QAM	1/Inner right	22.69	3.25	25.94
		256QAM	1/Mid	20.72	3.25	23.97
50	3475.02	$\pi/2$ BPSK	1/Mid	25.19	3.25	28.44
		QPSK	1/Mid	25.33	3.25	28.58
		16QAM	1/Mid	24.38	3.25	27.63
		64QAM	1/Mid	22.89	3.25	26.14
		256QAM	1/Mid	20.85	3.25	24.10
	3500.01	$\pi/2$ BPSK	1/Mid	25.01	3.25	28.26
		QPSK	1/Mid	25.23	3.25	28.48
		16QAM	1/Mid	24.34	3.25	27.59
		64QAM	1/Mid	22.75	3.25	26.00
		256QAM	1/Mid	20.76	3.25	24.01
	3525.00	$\pi/2$ BPSK	1/Mid	25.16	3.25	28.41
		QPSK	1/Mid	25.25	3.25	28.50
		16QAM	1/Mid	24.30	3.25	27.55
		64QAM	1/Mid	22.77	3.25	26.02
		256QAM	1/Mid	20.83	3.25	24.08
40	3470.01	$\pi/2$ BPSK	1/Mid	25.26	3.25	28.51
		QPSK	1/Mid	25.39	3.25	28.64
		16QAM	1/Mid	24.39	3.25	27.64
		64QAM	1/Mid	22.93	3.25	26.18
		256QAM	1/Mid	21.01	3.25	24.26
	3500.01	$\pi/2$ BPSK	1/inner left	25.21	3.25	28.46
		QPSK	1/Mid	25.23	3.25	28.48
		16QAM	1/Mid	24.26	3.25	27.51
		64QAM	1/Mid	22.89	3.25	26.14
		256QAM	1/Mid	20.87	3.25	24.12
	3529.98	$\pi/2$ BPSK	1/Mid	25.16	3.25	28.41
		QPSK	1/Mid	25.27	3.25	28.52
		16QAM	1/Mid	24.45	3.25	27.70
		64QAM	1/Mid	22.85	3.25	26.10
		256QAM	1/Mid	20.82	3.25	24.07

Channel Bandwidth (MHz)	Frequency (MHz)	Modulation	RB Size/ Offset	Conducted Output Power (dBm)	Antenna Gain(dBi)	EIRP (dBm)
30	3465.00	$\pi/2$ BPSK	1/Mid	25.11	3.25	28.36
		QPSK	1/Mid	25.25	3.25	28.50
		16QAM	1/Mid	24.30	3.25	27.55
		64QAM	1/Mid	22.76	3.25	26.01
		256QAM	1/Mid	20.82	3.25	24.07
	3500.01	$\pi/2$ BPSK	1/Mid	25.21	3.25	28.46
		QPSK	1/Mid	25.36	3.25	28.61
		16QAM	1/Mid	24.44	3.25	27.69
		64QAM	1/Mid	22.93	3.25	26.18
		256QAM	1/Mid	20.89	3.25	24.14
	3534.99	$\pi/2$ BPSK	1/Mid	25.15	3.25	28.40
		QPSK	1/Mid	25.27	3.25	28.52
		16QAM	1/Mid	24.45	3.25	27.70
		64QAM	1/Mid	22.84	3.25	26.09
		256QAM	1/Mid	20.86	3.25	24.11
20	3460.01	$\pi/2$ BPSK	1/Mid	25.12	3.25	28.37
		QPSK	1/Mid	25.32	3.25	28.57
		16QAM	1/Mid	24.50	3.25	27.75
		64QAM	1/Mid	22.89	3.25	26.14
		256QAM	1/Mid	20.88	3.25	24.13
	3500.01	$\pi/2$ BPSK	1/Mid	25.18	3.25	28.43
		QPSK	1/Mid	25.21	3.25	28.46
		16QAM	1/Mid	24.31	3.25	27.56
		64QAM	1/Mid	22.74	3.25	25.99
		256QAM	1/Mid	20.78	3.25	24.03
	3540.00	$\pi/2$ BPSK	1/Mid	25.23	3.25	28.48
		QPSK	1/Mid	25.34	3.25	28.59
		16QAM	1/Mid	24.36	3.25	27.61
		64QAM	1/Mid	22.88	3.25	26.13
		256QAM	1/Mid	20.93	3.25	24.18
10	3455.01	$\pi/2$ BPSK	1/Mid	25.13	3.25	28.38
		QPSK	1/Mid	25.36	3.25	28.61
		16QAM	1/Mid	24.39	3.25	27.64
		64QAM	1/Mid	22.89	3.25	26.14
		256QAM	1/Mid	20.89	3.25	24.14
	3500.01	$\pi/2$ BPSK	1/Mid	25.17	3.25	28.42
		QPSK	1/Mid	25.21	3.25	28.46
		16QAM	1/Mid	24.22	3.25	27.47
		64QAM	1/Mid	22.87	3.25	26.12
		256QAM	1/Mid	20.75	3.25	24.00
	3545.01	$\pi/2$ BPSK	1/Mid	25.13	3.25	28.38
		QPSK	1/Mid	25.28	3.25	28.53
		16QAM	1/Mid	24.35	3.25	27.60
		64QAM	1/Mid	22.81	3.25	26.06
		256QAM	1/Mid	20.82	3.25	24.07

3700 ~ 3980 MHz band

Channel Bandwidth (MHz)	Frequency (MHz)	Modulation	RB Size/ Offset	Conducted Output Power (dBm)	Antenna Gain(dBi)	EIRP (dBm)
100	3750.00	$\pi/2$ BPSK	1/Mid	25.47	3.25	28.72
		QPSK	1/Mid	25.56	3.25	28.81
		16QAM	1/Mid	24.69	3.25	27.94
		64QAM	1/Mid	23.10	3.25	26.35
		256QAM	1/Mid	21.10	3.25	24.35
	3840.00	$\pi/2$ BPSK	1/Mid	25.43	3.25	28.68
		QPSK	1/inner left	25.43	3.25	28.68
		16QAM	1/Mid	24.61	3.25	27.86
		64QAM	1/Mid	23.07	3.25	26.32
		256QAM	1/Mid	21.09	3.25	24.34
	3930.00	$\pi/2$ BPSK	1/Mid	25.34	3.25	28.59
		QPSK	1/Mid	25.46	3.25	28.71
		16QAM	1/Mid	24.65	3.25	27.90
		64QAM	1/Mid	23.26	3.25	26.51
		256QAM	1/Mid	20.98	3.25	24.23
90	3745.02	$\pi/2$ BPSK	1/Mid	25.31	3.25	28.56
		QPSK	1/Mid	25.34	3.25	28.59
		16QAM	1/Mid	24.43	3.25	27.68
		64QAM	1/Mid	22.99	3.25	26.24
		256QAM	1/Mid	21.08	3.25	24.33
	3840.00	$\pi/2$ BPSK	1/Mid	25.33	3.25	28.58
		QPSK	1/Mid	25.37	3.25	28.62
		16QAM	1/Mid	24.40	3.25	27.65
		64QAM	1/Mid	22.91	3.25	26.16
		256QAM	1/Mid	21.04	3.25	24.29
	3934.98	$\pi/2$ BPSK	1/Mid	25.28	3.25	28.53
		QPSK	1/Mid	25.33	3.25	28.58
		16QAM	1/Mid	24.36	3.25	27.61
		64QAM	1/Mid	23.19	3.25	26.44
		256QAM	1/Mid	21.01	3.25	24.26
80	3740.01	$\pi/2$ BPSK	1/Mid	25.35	3.25	28.60
		QPSK	1/Mid	25.38	3.25	28.63
		16QAM	1/Mid	24.40	3.25	27.65
		64QAM	1/Mid	22.93	3.25	26.18
		256QAM	1/Mid	21.03	3.25	24.28
	3840.00	$\pi/2$ BPSK	1/Mid	25.23	3.25	28.48
		QPSK	1/Mid	25.28	3.25	28.53
		16QAM	1/Mid	24.37	3.25	27.62
		64QAM	1/Mid	22.83	3.25	26.08
		256QAM	1/Mid	20.93	3.25	24.18
	3939.99	$\pi/2$ BPSK	1/Mid	25.24	3.25	28.49
		QPSK	1/Mid	25.38	3.25	28.63
		16QAM	1/Mid	24.41	3.25	27.66
		64QAM	1/Mid	23.01	3.25	26.26
		256QAM	1/Mid	21.04	3.25	24.29

Channel Bandwidth (MHz)	Frequency (MHz)	Modulation	RB Size/ Offset	Conducted Output Power (dBm)	Antenna Gain(dBi)	EIRP (dBm)
70	3735.00	$\pi/2$ BPSK	1/Mid	25.23	3.25	28.48
		QPSK	1/Mid	25.33	3.25	28.58
		16QAM	1/Mid	24.40	3.25	27.65
		64QAM	1/Mid	22.95	3.25	26.20
		256QAM	1/Mid	21.02	3.25	24.27
	3840.00	$\pi/2$ BPSK	1/Mid	25.29	3.25	28.54
		QPSK	1/Mid	25.39	3.25	28.64
		16QAM	1/Mid	24.41	3.25	27.66
		64QAM	1/Mid	22.91	3.25	26.16
		256QAM	1/Mid	20.94	3.25	24.19
	3945.00	$\pi/2$ BPSK	1/Mid	25.22	3.25	28.47
		QPSK	1/Mid	25.37	3.25	28.62
		16QAM	1/Mid	24.38	3.25	27.63
		64QAM	1/Mid	22.88	3.25	26.13
		256QAM	1/Mid	20.91	3.25	24.16
60	3730.02	$\pi/2$ BPSK	1/Mid	25.26	3.25	28.51
		QPSK	1/Mid	25.38	3.25	28.63
		16QAM	1/Mid	24.41	3.25	27.66
		64QAM	1/Mid	22.97	3.25	26.22
		256QAM	1/Mid	20.90	3.25	24.15
	3840.00	$\pi/2$ BPSK	1/Mid	25.24	3.25	28.49
		QPSK	1/Mid	25.41	3.25	28.66
		16QAM	1/Mid	24.42	3.25	27.67
		64QAM	1/Mid	23.05	3.25	26.30
		256QAM	1/Mid	20.93	3.25	24.18
	3949.98	$\pi/2$ BPSK	1/Mid	25.30	3.25	28.55
		QPSK	1/Mid	25.39	3.25	28.64
		16QAM	1/Mid	24.46	3.25	27.71
		64QAM	1/Mid	22.90	3.25	26.15
		256QAM	1/Mid	21.00	3.25	24.25
50	3725.01	$\pi/2$ BPSK	1/Mid	25.15	3.25	28.40
		QPSK	1/Mid	25.37	3.25	28.62
		16QAM	1/Mid	24.43	3.25	27.68
		64QAM	1/Mid	22.89	3.25	26.14
		256QAM	1/Mid	21.05	3.25	24.30
	3840.00	$\pi/2$ BPSK	1/Mid	25.24	3.25	28.49
		QPSK	1/Mid	25.37	3.25	28.62
		16QAM	1/Mid	24.52	3.25	27.77
		64QAM	1/Mid	23.03	3.25	26.28
		256QAM	1/Mid	20.99	3.25	24.24
	3954.99	$\pi/2$ BPSK	1/Mid	25.34	3.25	28.59
		QPSK	1/Mid	25.38	3.25	28.63
		16QAM	1/Mid	24.40	3.25	27.65
		64QAM	1/Mid	22.94	3.25	26.19
		256QAM	1/Mid	20.98	3.25	24.23

Channel Bandwidth (MHz)	Frequency (MHz)	Modulation	RB Size/ Offset	Conducted Output Power (dBm)	Antenna Gain(dBi)	EIRP (dBm)
40	3720.00	$\pi/2$ BPSK	1/Mid	25.20	3.25	28.45
		QPSK	1/Mid	25.27	3.25	28.52
		16QAM	1/Mid	24.40	3.25	27.65
		64QAM	1/Mid	22.96	3.25	26.21
		256QAM	1/Mid	20.94	3.25	24.19
	3840.00	$\pi/2$ BPSK	1/Mid	25.27	3.25	28.52
		QPSK	1/Mid	25.33	3.25	28.58
		16QAM	1/Mid	24.37	3.25	27.62
		64QAM	1/Mid	22.92	3.25	26.17
		256QAM	1/Mid	20.92	3.25	24.17
	3960.00	$\pi/2$ BPSK	1/Mid	25.22	3.25	28.47
		QPSK	1/Mid	25.27	3.25	28.52
		16QAM	1/Mid	24.39	3.25	27.64
		64QAM	1/Mid	22.86	3.25	26.11
		256QAM	1/Mid	21.02	3.25	24.27
30	3715.02	$\pi/2$ BPSK	1/Mid	25.26	3.25	28.51
		QPSK	1/Mid	25.36	3.25	28.61
		16QAM	1/Mid	24.40	3.25	27.65
		64QAM	1/Mid	22.88	3.25	26.13
		256QAM	1/Mid	20.98	3.25	24.23
	3840.00	$\pi/2$ BPSK	1/Mid	25.25	3.25	28.50
		QPSK	1/Mid	25.34	3.25	28.59
		16QAM	1/Mid	24.35	3.25	27.60
		64QAM	1/Mid	22.93	3.25	26.18
		256QAM	1/Mid	20.98	3.25	24.23
	3964.98	$\pi/2$ BPSK	1/Mid	25.23	3.25	28.48
		QPSK	1/Mid	25.37	3.25	28.62
		16QAM	1/Mid	24.37	3.25	27.62
		64QAM	1/Mid	22.92	3.25	26.17
		256QAM	1/Mid	21.08	3.25	24.33

Channel Bandwidth (MHz)	Frequency (MHz)	Modulation	RB Size/ Offset	Conducted Output Power (dBm)	Antenna Gain(dBi)	EIRP (dBm)
20	3710.01	$\pi/2$ BPSK	1/Mid	25.17	3.25	28.42
		QPSK	1/Mid	25.25	3.25	28.50
		16QAM	1/Mid	24.40	3.25	27.65
		64QAM	1/Mid	22.96	3.25	26.21
		256QAM	1/Mid	21.04	3.25	24.29
	3840.00	$\pi/2$ BPSK	1/Mid	25.21	3.25	28.46
		QPSK	1/Mid	25.30	3.25	28.55
		16QAM	1/Mid	24.38	3.25	27.63
		64QAM	1/Mid	22.93	3.25	26.18
		256QAM	1/Mid	21.06	3.25	24.31
	3969.99	$\pi/2$ BPSK	1/Mid	25.27	3.25	28.52
		QPSK	1/Mid	25.36	3.25	28.61
		16QAM	1/Mid	24.40	3.25	27.65
		64QAM	1/Mid	22.96	3.25	26.21
		256QAM	1/Mid	21.07	3.25	24.32
10	3705.00	$\pi/2$ BPSK	1/Mid	25.08	3.25	28.33
		QPSK	1/Mid	25.16	3.25	28.41
		16QAM	1/Mid	24.38	3.25	27.63
		64QAM	1/Mid	22.90	3.25	26.15
		256QAM	1/Mid	21.02	3.25	24.27
	3840.00	$\pi/2$ BPSK	1/Mid	25.12	3.25	28.37
		QPSK	1/Mid	25.23	3.25	28.48
		16QAM	1/Mid	24.35	3.25	27.60
		64QAM	1/Mid	22.85	3.25	26.10
		256QAM	1/Mid	20.95	3.25	24.20
	3975.00	$\pi/2$ BPSK	1/Mid	25.22	3.25	28.47
		QPSK	1/Mid	25.32	3.25	28.57
		16QAM	1/Mid	24.32	3.25	27.57
		64QAM	1/Mid	22.88	3.25	26.13
		256QAM	1/Mid	21.05	3.25	24.30

7.3. UNDESIRABLE EMISSIONS (Radiated)

- Test Notes

- 1) The frequency spectrum is examined from 9 kHz to the 10th harmonic of the fundamental frequency of the transmitter. No other spurious and harmonic emissions were reported greater than listed emissions.
- 2) For Band below 1GHz:
Result(dBm) = Level at Substitute antenna terminal(dBm) + Substitute Antenna Gain (dBd)
For Band above 1GHz:
Result(dBm) = Level at Substitute antenna terminal(dBm) + Substitute Antenna Gain (dBi)
- 3) Limit
Band n2/5/12/13/14/25/26/66/71/77/78 = -13 dBm
Band n7/38/41 = -25 dBm
Limit for 1559 MHz ~ 1610 MHz in Band n13/14 = -40 dBm/MHz (equivalent isotropically radiated power for wideband signals)

- 5GNR n71

Channel Bandwidth (MHz)	Frequency (MHz)	Modulation	RB size/ offset	Freq.(MHz)	Ant Pol (H/V)	Level at Antenna Terminal(dBm)	Substitute Antenna Gain(dBd)	Result (dBm)	Limit (dBm)	Margin (dB)
20	673	QPSK	1/1	1 327.47	H	-62.68	1.87	-60.81	-13.00	47.81
				1 991.03	H	-59.68	2.35	-57.33	-13.00	44.33
				2 655.04	H	-62.39	4.00	-58.39	-13.00	45.39
				3 318.62	H	-64.76	5.73	-59.03	-13.00	46.03
	680.5	QPSK	1/1	1 342.53	H	-64.53	2.17	-62.36	-13.00	49.36
				2 013.66	H	-60.16	2.46	-57.70	-13.00	44.70
				2 684.89	H	-62.50	4.17	-58.33	-13.00	45.33
				3 356.28	H	-65.50	5.83	-59.67	-13.00	46.67
	688	QPSK	1/1	1 357.53	H	-62.33	2.39	-59.94	-13.00	46.94
				2 036.07	H	-61.07	2.54	-58.53	-13.00	45.53
				2 715.07	H	-62.64	4.32	-58.32	-13.00	45.32
				3 393.81	H	-65.58	6.04	-59.54	-13.00	46.54

- 5GNR n12

Channel Bandwidth (MHz)	Frequency (MHz)	Modulation	RB size/ offset	Freq.(MHz)	Ant Pol (H/V)	Level at Antenna Terminal(dBm)	Substitute Antenna Gain(dBd)	Result (dBm)	Limit (dBm)	Margin (dB)
15	706.5	QPSK	1/1	1 399.19	H	-66.03	2.75	-63.28	-13.00	50.28
				2 098.26	H	-62.98	3.20	-59.78	-13.00	46.78
				2 798.57	H	-62.87	4.76	-58.11	-13.00	45.11
				3 497.92	H	-66.36	6.19	-60.17	-13.00	47.17
	707.5	QPSK	1/1	1 401.36	H	-66.20	2.77	-63.43	-13.00	50.43
				2 102.20	H	-63.15	3.22	-59.93	-13.00	46.93
				2 802.26	H	-62.91	4.78	-58.13	-13.00	45.13
				3 504.06	H	-66.12	6.20	-59.92	-13.00	46.92
	708.5	QPSK	1/1	1 403.36	H	-64.98	2.80	-62.18	-13.00	49.18
				2 104.72	H	-62.77	3.22	-59.55	-13.00	46.55
				2 806.66	H	-63.08	4.80	-58.28	-13.00	45.28
				3 508.60	H	-66.32	6.20	-60.12	-13.00	47.12

- 5GNR n13

Channel Bandwidth (MHz)	Frequency (MHz)	Modulation	RB size/offset	Freq.(MHz)	Ant Pol (H/V)	Level at Antenna Terminal(dBm)	Substitute Antenna Gain(dBd)	Result (dBm)	Limit (dBm)	Margin (dB)
10	782	QPSK	1/1	1 555.22	H	-59.87	3.68	-56.19	-13.00	43.19
				2 332.39	H	-62.29	3.93	-58.36	-13.00	45.36
				3 110.53	H	-63.85	5.07	-58.78	-13.00	45.78
				3 887.56	H	-66.37	6.59	-59.78	-13.00	46.78

UNDESIRABLE EMISSIONS IN 1 559 MHz ~ 1 610 MHz

Channel Bandwidth (MHz)	Frequency (MHz)	Modulation	RB size/offset	Freq.(MHz)	Ant Pol (H/V)	Level at Antenna Terminal(dBm)	Substitute Antenna Gain(dBi)	Result (dBm)	Limit (dBm)	Margin (dB)
10	782	QPSK	1/26	1 564.11	H	-67.95	6.04	-61.91	-40.00	21.91

- 5GNR n14

Channel Bandwidth (MHz)	Frequency (MHz)	Modulation	RB size/offset	Freq.(MHz)	Ant Pol (H/V)	Level at Antenna Terminal(dBm)	Substitute Antenna Gain(dBd)	Result (dBm)	Limit (dBm)	Margin (dB)
10	793	QPSK	1/1	2 365.43	H	-62.09	3.93	-58.16	-13.00	45.16
				3 154.03	H	-63.60	5.10	-58.50	-13.00	45.50
				3 943.21	H	-66.24	6.81	-59.43	-13.00	46.43
				4 730.47	H	-65.87	7.35	-58.52	-13.00	45.52

UNDESIRABLE EMISSIONS IN 1 559 MHz ~ 1 610 MHz

Channel Bandwidth (MHz)	Frequency (MHz)	Modulation	RB size/offset	Freq.(MHz)	Ant Pol (H/V)	Level at Antenna Terminal(dBm)	Substitute Antenna Gain(dBi)	Result (dBm)	Limit (dBm)	Margin (dB)
10	793	QPSK	1/1	1 577.20	H	-69.67	6.09	-63.58	-40.00	23.58

- 5GNR n26

814 ~ 824MHz Band

Channel Bandwidth (MHz)	Frequency (MHz)	Modulation	RB size/offset	Freq.(MHz)	Ant Pol (H/V)	Level at Antenna Terminal(dBm)	Substitute Antenna Gain(dBd)	Result (dBm)	Limit (dBm)	Margin (dB)
10	819	QPSK	1/1	1 629.18	H	-59.94	3.75	-56.19	-13.00	43.19
				2 444.11	H	-62.62	3.91	-58.71	-13.00	45.71
				3 258.75	H	-64.47	5.51	-58.96	-13.00	45.96
				4 072.58	H	-66.18	7.09	-59.09	-13.00	46.09

824 ~ 849MHz Band

Channel Bandwidth (MHz)	Frequency (MHz)	Modulation	RB size/offset	Freq.(MHz)	Ant Pol (H/V)	Level at Antenna Terminal(dBm)	Substitute Antenna Gain(dBd)	Result (dBm)	Limit (dBm)	Margin (dB)
15	831.5	QPSK	1/1	1 649.26	H	-62.40	3.72	-58.68	-13.00	45.68
				2 473.86	H	-62.22	3.83	-58.39	-13.00	45.39
				3 298.88	H	-64.82	5.69	-59.13	-13.00	46.13
				4 123.28	H	-66.15	7.11	-59.04	-13.00	46.04
	841.5	QPSK	1/1	1 669.30	H	-59.64	3.77	-55.87	-13.00	42.87
				2 504.09	H	-62.15	3.74	-58.41	-13.00	45.41
				3 339.00	H	-65.28	5.78	-59.50	-13.00	46.50
				4 173.39	H	-66.48	7.09	-59.39	-13.00	46.39

- 5GNR n5

Channel Bandwidth (MHz)	Frequency (MHz)	Modulation	RB size/offset	Freq.(MHz)	Ant Pol (H/V)	Level at Antenna Terminal(dBm)	Substitute Antenna Gain(dBd)	Result (dBm)	Limit (dBm)	Margin (dB)
20	834	QPSK	1/1	1 649.41	H	-62.10	3.72	-58.38	-13.00	45.38
				2 473.89	H	-62.70	3.83	-58.87	-13.00	45.87
				3 299.05	H	-66.05	5.69	-60.36	-13.00	47.36
				4 123.55	H	-67.20	7.11	-60.09	-13.00	47.09
	836.5	QPSK	1/1	1 654.31	H	-62.72	3.73	-58.99	-13.00	45.99
				2 482.04	H	-63.37	3.80	-59.57	-13.00	46.57
				3 309.10	H	-65.36	5.71	-59.65	-13.00	46.65
				4 136.56	H	-67.34	7.10	-60.24	-13.00	47.24
	839	QPSK	1/1	1 659.55	H	-62.47	3.74	-58.73	-13.00	45.73
				2 488.54	H	-62.45	3.78	-58.67	-13.00	45.67
				3 318.14	H	-65.34	5.73	-59.61	-13.00	46.61
				4 151.42	H	-67.04	7.09	-59.95	-13.00	46.95

- 5GNR n66

Channel Bandwidth (MHz)	Frequency (MHz)	Modulation	RB size/offset	Freq.(MHz)	Ant Pol (H/V)	Level at Antenna Terminal(dBm)	Substitute Antenna Gain(dBi)	Result (dBm)	Limit (dBm)	Margin (dB)
40	1730	QPSK	1/1	3 421.56	H	-57.22	8.30	-48.92	-13.00	35.92
				5 132.37	V	-61.11	10.25	-50.86	-13.00	37.86
				6 843.44	V	-60.62	11.29	-49.33	-13.00	36.33
				8 554.03	V	-65.46	13.07	-52.39	-13.00	39.39
	1745	QPSK	1/1	3 451.66	H	-53.16	8.40	-44.76	-13.00	31.76
				5 177.41	V	-58.37	10.25	-48.12	-13.00	35.12
				6 903.14	V	-63.26	11.31	-51.95	-13.00	38.95
				8 629.32	V	-65.18	13.04	-52.14	-13.00	39.14
	1760	QPSK	1/1	3 481.71	H	-50.00	8.36	-41.64	-13.00	28.64
				5 222.53	V	-60.19	10.26	-49.93	-13.00	36.93
				6 963.65	V	-64.88	11.38	-53.50	-13.00	40.50
				8 704.34	V	-64.72	12.96	-51.76	-13.00	38.76

- 5GNR n2

Channel Bandwidth (MHz)	Frequency (MHz)	Modulation	RB size/offset	Freq.(MHz)	Ant Pol (H/V)	Level at Antenna Terminal(dBm)	Substitute Antenna Gain(dBi)	Result (dBm)	Limit (dBm)	Margin (dB)
20	1860	QPSK	1/1	3 701.51	H	-37.76	8.32	-29.44	-13.00	16.44
				5 552.33	H	-57.86	10.60	-47.26	-13.00	34.26
				7 403.18	H	-64.39	11.98	-52.41	-13.00	39.41
				9 253.65	H	-64.04	13.21	-50.83	-13.00	37.83
	1880	QPSK	1/1	3 741.55	H	-42.66	8.34	-34.32	-13.00	21.32
				5 612.16	H	-53.70	10.72	-42.98	-13.00	29.98
				7 482.76	H	-64.24	12.02	-52.22	-13.00	39.22
				9 353.49	H	-64.72	13.21	-51.51	-13.00	38.51
	1900	QPSK	1/1	3 781.41	H	-41.27	8.37	-32.90	-13.00	19.90
				5 672.02	H	-52.24	10.77	-41.47	-13.00	28.47
				7 562.34	H	-64.48	12.03	-52.45	-13.00	39.45
				9 453.44	H	-64.64	13.22	-51.42	-13.00	38.42

- 5GNR n25

Channel Bandwidth (MHz)	Frequency (MHz)	Modulation	RB size/offset	Freq.(MHz)	Ant Pol (H/V)	Level at Antenna Terminal(dBm)	Substitute Antenna Gain(dBi)	Result (dBm)	Limit (dBm)	Margin (dB)
20	1860	QPSK	1/1	3 701.41	H	-47.96	8.32	-39.64	-13.00	26.64
				5 552.20	H	-60.46	10.59	-49.87	-13.00	36.87
				7 402.54	H	-64.77	11.98	-52.79	-13.00	39.79
				9 253.99	H	-64.59	13.21	-51.38	-13.00	38.38
	1882.5	QPSK	1/1	3 746.34	H	-45.07	8.34	-36.73	-13.00	23.73
				5 619.67	H	-62.14	10.73	-51.41	-13.00	38.41
				7 492.48	H	-64.45	12.03	-52.42	-13.00	39.42
				9 366.08	H	-64.89	13.22	-51.67	-13.00	38.67
	1905	QPSK	1/1	3 791.52	H	-41.42	8.37	-33.05	-13.00	20.05
				5 687.28	H	-57.17	10.77	-46.40	-13.00	33.40
				7 582.64	H	-64.43	12.02	-52.41	-13.00	39.41
				9 478.46	H	-64.64	13.22	-51.42	-13.00	38.42

- 5GNR n41

Channel Bandwidth (MHz)	Frequency (MHz)	Modulation	RB size/offset	Freq.(MHz)	Ant Pol (H/V)	Level at Antenna Terminal(dBm)	Substitute Antenna Gain(dBi)	Result (dBm)	Limit (dBm)	Margin (dB)
100	2546.01	QPSK	1/1	4 994.76	H	-58.95	10.02	-48.93	-25.00	23.93
				7 492.97	H	-58.63	12.03	-46.60	-25.00	21.60
				9 989.51	H	-58.09	13.07	-45.02	-25.00	20.02
				12 487.38	H	-55.65	13.08	-42.57	-25.00	17.57
	2592.99	QPSK	1/1	5 088.82	H	-59.72	10.18	-49.54	-25.00	24.54
				7 633.63	H	-58.65	12.05	-46.60	-25.00	21.60
				10 177.59	H	-57.57	13.12	-44.45	-25.00	19.45
				12 722.83	H	-55.88	13.04	-42.84	-25.00	17.84
	2640	QPSK	1/1	5 182.72	H	-58.60	10.25	-48.35	-25.00	23.35
				7 774.19	H	-59.46	12.14	-47.32	-25.00	22.32
				10 366.21	H	-57.73	13.12	-44.61	-25.00	19.61
				12 958.21	H	-55.80	13.04	-42.76	-25.00	17.76

- 5GNR n7

Channel Bandwidth (MHz)	Frequency (MHz)	Modulation	RB size/offset	Freq.(MHz)	Ant Pol (H/V)	Level at Antenna Terminal(dBm)	Substitute Antenna Gain(dBi)	Result (dBm)	Limit (dBm)	Margin (dB)
20	2510	QPSK	1/1	5 001.35	H	-62.80	10.04	-52.76	-25.00	27.76
				7 502.44	H	-64.41	12.03	-52.38	-25.00	27.38
				10 002.57	H	-63.23	13.07	-50.16	-25.00	25.16
				12 503.57	H	-61.19	13.08	-48.11	-25.00	23.11
	2535	QPSK	1/1	5 051.37	H	-63.46	10.11	-53.35	-25.00	28.35
				7 577.16	H	-64.73	12.02	-52.71	-25.00	27.71
				10 103.10	H	-63.31	13.06	-50.25	-25.00	25.25
				12 628.59	H	-61.58	13.11	-48.47	-25.00	23.47
	2560	QPSK	1/1	5 101.42	H	-59.38	10.20	-49.18	-25.00	24.18
				7 651.98	H	-64.38	12.07	-52.31	-25.00	27.31
				10 202.92	H	-63.56	13.14	-50.42	-25.00	25.42
				12 753.17	H	-61.30	13.04	-48.26	-25.00	23.26

- 5GNR n38

Channel Bandwidth (MHz)	Frequency (MHz)	Modulation	RB size/offset	Freq.(MHz)	Ant Pol (H/V)	Level at Antenna Terminal(dBm)	Substitute Antenna Gain(dBi)	Result (dBm)	Limit (dBm)	Margin (dB)
40	2590	QPSK	1/1	5 142.84	H	-56.60	10.26	-46.34	-25.00	21.34
				7 714.11	H	-58.43	12.08	-46.35	-25.00	21.35
				10 286.46	H	-57.07	13.11	-43.96	-25.00	18.96
				12 856.89	H	-55.39	12.97	-42.42	-25.00	17.42
	2595	QPSK	1/1	5 152.88	H	-58.89	10.27	-48.62	-25.00	23.62
				7 729.69	H	-58.57	12.10	-46.47	-25.00	21.47
				10 305.47	H	-56.88	13.11	-43.77	-25.00	18.77
				12 883.03	H	-55.06	12.99	-42.07	-25.00	17.07
	2600	QPSK	1/1	5 162.93	H	-58.50	10.26	-48.24	-25.00	23.24
				7 744.04	H	-58.60	12.13	-46.47	-25.00	21.47
				10 325.62	H	-57.42	13.11	-44.31	-25.00	19.31
				12 908.05	H	-55.78	13.01	-42.77	-25.00	17.77

- 5GNR n78 3450 ~ 3550 MHz band

Channel Bandwidth (MHz)	Frequency (MHz)	Modulation	RB size/offset	Freq.(MHz)	Ant Pol (H/V)	Level at Antenna Terminal(dBm)	Substitute Antenna Gain(dBi)	Result (dBm)	Limit (dBm)	Margin (dB)
100	3500.01	QPSK	1/1	6 902.93	V	-55.05	11.30	-43.75	-13.00	30.75
				10 354.34	V	-56.37	13.11	-43.26	-13.00	30.26
				13 805.83	V	-53.23	14.13	-39.10	-13.00	26.10
				17 256.84	V	-47.58	13.78	-33.80	-13.00	20.80

- 5GNR n78 3700 ~ 3800 MHz band

Channel Bandwidth (MHz)	Frequency (MHz)	Modulation	RB size/offset	Freq.(MHz)	Ant Pol (H/V)	Level at Antenna Terminal(dBm)	Substitute Antenna Gain(dBi)	Result (dBm)	Limit (dBm)	Margin (dB)
100	3750.00	QPSK	1/1	7 402.89	V	-48.75	11.98	-36.77	-13.00	23.77
				11 103.97	V	-55.23	13.28	-41.95	-13.00	28.95
				14 805.50	V	-50.38	13.87	-36.51	-13.00	23.51

- 5GNR n77 3450 ~ 3550 MHz band

Channel Bandwidth (MHz)	Frequency (MHz)	Modulation	RB size/offset	Freq.(MHz)	Ant Pol (H/V)	Level at Antenna Terminal(dBm)	Substitute Antenna Gain(dBi)	Result (dBm)	Limit (dBm)	Margin (dB)
100	3500.01	QPSK	1/1	6 902.83	H	-54.50	11.30	-43.20	-13.00	30.20
				10 354.57	H	-56.16	13.11	-43.05	-13.00	30.05
				13 806.03	H	-53.04	14.13	-38.91	-13.00	25.91
				17 256.67	H	-47.06	13.78	-33.28	-13.00	20.28

- 5GNR n77 3700 ~ 3980 MHz band

Channel Bandwidth (MHz)	Frequency (MHz)	Modulation	RB size/offset	Freq.(MHz)	Ant Pol (H/V)	Level at Antenna Terminal(dBm)	Substitute Antenna Gain(dBi)	Result (dBm)	Limit (dBm)	Margin (dB)
100	3750	QPSK	1/1	7 402.85	H	-49.54	11.98	-37.56	-13.00	24.56
				11 103.96	H	-53.15	13.28	-39.87	-13.00	26.87
				14 806.14	H	-50.16	13.87	-36.29	-13.00	23.29
	3840	QPSK	1/1	7 582.72	H	-45.90	12.02	-33.88	-13.00	20.88
				11 374.09	H	-53.15	13.36	-39.79	-13.00	26.79
				15 165.42	H	-48.36	13.86	-34.50	-13.00	21.50
	3930	QPSK	1/1	7 762.67	H	-45.04	12.14	-32.90	-13.00	19.90
				11 644.11	H	-53.28	13.08	-40.20	-13.00	27.20
				15 525.47	H	-48.31	13.83	-34.48	-13.00	21.48

ENDC MODE: NR n77 + LTE B12

Band	Channel Bandwidth (MHz)	Frequency (MHz)	Modulation	RB size/offset
NR n77	100	3840	QPSK	1/1
LTE B12	10	711	QPSK	1/0

Freq.(MHz)	Ant Pol (H/V)	Level at Antenna Terminal(dBm)	Substitute Antenna Gain(dBi)	Result (dBm)	Limit (dBm)	Margin (dB)
2378.56	H	-55.03	6.08	-48.95	-13.00	35.95
4498.00	H	-54.10	9.44	-44.66	-13.00	31.66
5205.08	H	-59.23	10.24	-48.99	-13.00	35.99
7582.78	H	-47.11	12.05	-35.06	-13.00	22.06
11374.39	H	-52.87	13.36	-39.51	-13.00	26.51

ENDC MODE: NR n77 + LTE B13

Band	Channel Bandwidth (MHz)	Frequency (MHz)	Modulation	RB size/offset
NR n77	100	3930	QPSK	1/1
LTE B13	10	782	QPSK	1/0

Freq.(MHz)	Ant Pol (H/V)	Level at Antenna Terminal(dBm)	Substitute Antenna Gain(dBi)	Result (dBm)	Limit (dBm)	Margin (dB)
2325.63	H	-55.65	6.08	-49.57	-13.00	36.57
4659.22	H	-59.05	9.47	-49.58	-13.00	36.58
5435.90	H	-59.23	10.32	-48.91	-13.00	35.91
7762.64	H	-45.33	12.17	-33.16	-13.00	20.16
11644.23	H	-51.64	13.00	-38.64	-13.00	25.64

ENDC MODE: NR n77 + LTE B14

Band	Channel Bandwidth (MHz)	Frequency (MHz)	Modulation	RB size/offset
NR n77	100	3840	QPSK	1/1
LTE B14	10	793	QPSK	1/0

Freq.(MHz)	Ant Pol (H/V)	Level at Antenna Terminal(dBm)	Substitute Antenna Gain(dBi)	Result (dBm)	Limit (dBm)	Margin (dB)
2214.18	H	-55.88	5.94	-49.94	-13.00	36.94
4579.98	H	-57.67	9.46	-48.21	-13.00	35.21
5368.73	H	-58.84	10.29	-48.55	-13.00	35.55
7582.62	H	-45.64	12.05	-33.59	-13.00	20.59
11374.15	H	-53.60	13.36	-40.24	-13.00	27.24

ENDC MODE: NR n77 + LTE B5

Band	Channel Bandwidth (MHz)	Frequency (MHz)	Modulation	RB size/offset
NR n77	100	3930	QPSK	1/1
LTE B5	10	844	QPSK	1/0

Freq.(MHz)	Ant Pol (H/V)	Level at Antenna Terminal(dBm)	Substitute Antenna Gain(dBi)	Result (dBm)	Limit (dBm)	Margin (dB)
2201.97	H	-55.63	5.87	-49.76	-13.00	36.76
4721.07	H	-54.75	9.50	-45.25	-13.00	32.25
5560.35	H	-58.91	10.61	-48.30	-13.00	35.30
7762.85	H	-44.68	12.17	-32.51	-13.00	19.51
11644.26	H	-54.32	13.00	-41.32	-13.00	28.32

ENDC MODE: NR n77 + LTE B66

Band	Channel Bandwidth (MHz)	Frequency (MHz)	Modulation	RB size/offset
NR n77	100	3500.01	QPSK	1/1
LTE B66	20	1720	QPSK	1/0

Freq.(MHz)	Ant Pol (H/V)	Level at Antenna Terminal(dBm)	Substitute Antenna Gain(dBi)	Result (dBm)	Limit (dBm)	Margin (dB)
1740.32	H	-58.01	5.59	-52.42	-13.00	39.42
5191.68	H	-59.29	10.24	-49.05	-13.00	36.05
6902.77	H	-47.35	11.38	-35.97	-13.00	22.97
10354.12	H	-55.93	13.14	-42.79	-13.00	29.79
-	-	-	-	-	-	-

ENDC MODE: NR n77 + LTE B25

Band	Channel Bandwidth (MHz)	Frequency (MHz)	Modulation	RB size/offset
NR n77	100	3500.01	QPSK	1/1
LTE B25	20	1822.5	QPSK	1/0

Freq.(MHz)	Ant Pol (H/V)	Level at Antenna Terminal(dBm)	Substitute Antenna Gain(dBi)	Result (dBm)	Limit (dBm)	Margin (dB)
1577.64	H	-49.90	5.89	-44.01	-13.00	31.01
5029.03	H	-59.21	10.08	-49.13	-13.00	36.13
6902.72	H	-47.63	11.38	-36.25	-13.00	23.25
10354.11	H	-56.02	13.14	-42.88	-13.00	29.88
-	-	-	-	-	-	-

ENDC MODE: NR n77 + LTE B7

Band	Channel Bandwidth (MHz)	Frequency (MHz)	Modulation	RB size/offset
NR n77	100	3840	QPSK	1/1
LTE B7	20	2535	QPSK	1/0

Freq.(MHz)	Ant Pol (H/V)	Level at Antenna Terminal(dBm)	Substitute Antenna Gain(dBi)	Result (dBm)	Limit (dBm)	Margin (dB)
1260.59	H	-59.85	3.15	-56.70	-13.00	43.70
12650.70	H	-54.45	13.04	-41.41	-13.00	28.41
5056.72	H	-59.14	10.12	-49.02	-25.00	24.02
7582.75	H	-47.08	12.05	-35.03	-25.00	10.03
11374.18	H	-53.18	13.36	-39.82	-13.00	26.82

ENDC MODE: NR n78 + LTE B71

Band	Channel Bandwidth (MHz)	Frequency (MHz)	Modulation	RB size/offset
NR n78	100	3750	QPSK	1/1
LTE B71	20	688	QPSK	1/0

Freq.(MHz)	Ant Pol (H/V)	Level at Antenna Terminal(dBm)	Substitute Antenna Gain(dBi)	Result (dBm)	Limit (dBm)	Margin (dB)
2342.47	V	-56.56	6.09	-50.47	-13.00	37.47
4380.09	V	-58.97	9.25	-49.72	-13.00	36.72
5060.42	V	-59.46	10.13	-49.33	-13.00	36.33
7402.82	V	-47.59	12.00	-35.59	-13.00	22.59
11103.18	V	-55.89	13.32	-42.57	-13.00	29.57

ENDC MODE: NR n78 + LTE B2

Band	Channel Bandwidth (MHz)	Frequency (MHz)	Modulation	RB size/offset
NR n78	100	3500.01	QPSK	1/1
LTE B2	20	1860	QPSK	1/0

Freq.(MHz)	Ant Pol (H/V)	Level at Antenna Terminal(dBm)	Substitute Antenna Gain(dBi)	Result (dBm)	Limit (dBm)	Margin (dB)
1600.22	V	-55.90	5.94	-49.96	-13.00	36.96
5051.81	V	-58.94	10.11	-48.83	-13.00	35.83
6902.81	V	-57.54	11.38	-46.16	-13.00	33.16
10352.92	V	-56.18	13.14	-43.04	-13.00	30.04
-	-	-	-	-	-	-

ENDC MODE: NR n78 + LTE B26

Band	Channel Bandwidth (MHz)	Frequency (MHz)	Modulation	RB size/offset
NR n78	100	3750	QPSK	1/1
LTE B26	15	841.5	QPSK	1/0

Freq.(MHz)	Ant Pol (H/V)	Level at Antenna Terminal(dBm)	Substitute Antenna Gain(dBi)	Result (dBm)	Limit (dBm)	Margin (dB)
2032.01	V	-56.79	4.68	-52.11	-13.00	39.11
4536.18	V	-58.35	9.44	-48.91	-13.00	35.91
5370.68	V	-59.27	10.29	-48.98	-13.00	35.98
7402.77	V	-48.90	12.00	-36.90	-13.00	23.90
11104.01	V	-55.56	13.32	-42.24	-13.00	29.24

ENDC MODE: NR n78 + LTE B41

Band	Channel Bandwidth (MHz)	Frequency (MHz)	Modulation	RB size/offset
NR n78	100	3750	QPSK	1/1
LTE B41	20	2680	QPSK	1/0

Freq.(MHz)	Ant Pol (H/V)	Level at Antenna Terminal(dBm)	Substitute Antenna Gain(dBi)	Result (dBm)	Limit (dBm)	Margin (dB)
1640.91	V	-58.02	5.88	-52.14	-13.00	39.14
4731.68	V	-57.84	9.50	-48.34	-13.00	35.34
7402.92	V	-47.25	12.00	-35.25	-13.00	22.25
11103.64	V	-55.25	13.32	-41.93	-13.00	28.93
-	-	-	-	-	-	-

- End of test report -