

TEST REPORT



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1. Report No : DRTFCC2602-0011

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 Original Certification

4. Product Name / Model Name : Telematics / TFVWAIBG1FF
FCC ID : 2B03LTFVWAIBG1FF

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

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

6. Date of Test : 2025.11.20 ~ 2026.01.13

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 Name : SeokHo Han 	Technical Manager Name : JaeJin Lee 
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2026 . 02 . 05 .

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
DRTFCC2602-0011	Feb. 05, 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, TFVWAIBG1FP, TFVWAIBG1F8
PMN(Product Marketing Name)	TFVWAIBG1FF, TFVWAIBG1FP, TFVWAIBG1F8
FVIN(Firmware Version Identification Number)	0038
EUT Serial Number	Conducted: 25AVHKR142155, Radiated: 25AVHKR142150
Power Supply	DC 12 V
Waveform	CP-OFDM, DFT-S-OFDM
Modulation type	$\pi/2$ BPSK, QPSK, 16QAM, 64QAM, 256QAM
Antenna Information	Shark fin antenna (5GNR: PIFA type)

Antenna Information (5GNR)

Band	Antenna gain(dBi)
n71	1.7
n12	1.7
n13	1.5
n14	1.5
n26	1.4
n5	1.4
n66	2.5
n25	2.3
n2	2.3
n7	-1.5
n38	-1.5
n41	-1.5
n78	-1.6
n77	-1.6

Note: The antenna gain was corrected for the cable loss from the conducted feed point to the antenna terminal.

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	23.19	0.208	22.74	0.188
n71	20	QPSK	673 ~ 688	23.20	0.209	22.75	0.188
n71	20	16QAM	673 ~ 688	22.60	0.182	22.15	0.164
n71	20	64QAM	673 ~ 688	20.86	0.122	20.41	0.110
n71	20	256QAM	673 ~ 688	18.92	0.078	18.47	0.070
n71	15	$\pi/2$ BPSK	670.5 ~ 690.5	23.17	0.207	22.72	0.187
n71	15	QPSK	670.5 ~ 690.5	22.74	0.188	22.29	0.169
n71	15	16QAM	670.5 ~ 690.5	22.07	0.161	21.62	0.145
n71	15	64QAM	670.5 ~ 690.5	20.78	0.120	20.33	0.108
n71	15	256QAM	670.5 ~ 690.5	19.66	0.092	19.21	0.083
n71	10	$\pi/2$ BPSK	668 ~ 693	23.02	0.200	22.57	0.181
n71	10	QPSK	668 ~ 693	22.76	0.189	22.31	0.170
n71	10	16QAM	668 ~ 693	22.23	0.167	21.78	0.151
n71	10	64QAM	668 ~ 693	20.93	0.124	20.48	0.112
n71	10	256QAM	668 ~ 693	19.84	0.096	19.39	0.087
n71	5	$\pi/2$ BPSK	665.5 ~ 695.5	23.15	0.207	22.70	0.186
n71	5	QPSK	665.5 ~ 695.5	22.75	0.188	22.30	0.170
n71	5	16QAM	665.5 ~ 695.5	22.04	0.160	21.59	0.144
n71	5	64QAM	665.5 ~ 695.5	20.82	0.121	20.37	0.109
n71	5	256QAM	665.5 ~ 695.5	19.57	0.091	19.12	0.082
n12	15	$\pi/2$ BPSK	706.5 ~ 708.5	22.70	0.186	22.25	0.168
n12	15	QPSK	706.5 ~ 708.5	22.52	0.179	22.07	0.161
n12	15	16QAM	706.5 ~ 708.5	22.04	0.160	21.59	0.144
n12	15	64QAM	706.5 ~ 708.5	20.80	0.120	20.35	0.108
n12	15	256QAM	706.5 ~ 708.5	18.72	0.074	18.27	0.067
n12	10	$\pi/2$ BPSK	704 ~ 711	23.10	0.204	22.65	0.184
n12	10	QPSK	704 ~ 711	23.00	0.200	22.55	0.180
n12	10	16QAM	704 ~ 711	22.51	0.178	22.06	0.161
n12	10	64QAM	704 ~ 711	21.30	0.135	20.85	0.122
n12	10	256QAM	704 ~ 711	18.66	0.073	18.21	0.066
n12	5	$\pi/2$ BPSK	701.5 ~ 713.5	22.94	0.197	22.49	0.177
n12	5	QPSK	701.5 ~ 713.5	22.80	0.191	22.35	0.172
n12	5	16QAM	701.5 ~ 713.5	22.58	0.181	22.13	0.163
n12	5	64QAM	701.5 ~ 713.5	22.02	0.159	21.57	0.144
n12	5	256QAM	701.5 ~ 713.5	20.73	0.118	20.28	0.107
n13	10	$\pi/2$ BPSK	782	23.02	0.200	22.37	0.173
n13	10	QPSK	782	22.80	0.191	22.15	0.164
n13	10	16QAM	782	22.10	0.162	21.45	0.140
n13	10	64QAM	782	20.87	0.122	20.22	0.105
n13	10	256QAM	782	17.97	0.063	17.32	0.054
n13	5	$\pi/2$ BPSK	779.5 ~ 784.5	23.37	0.217	22.72	0.187
n13	5	QPSK	779.5 ~ 784.5	23.62	0.230	22.97	0.198
n13	5	16QAM	779.5 ~ 784.5	23.27	0.212	22.62	0.183
n13	5	64QAM	779.5 ~ 784.5	22.11	0.163	21.46	0.140
n13	5	256QAM	779.5 ~ 784.5	20.82	0.121	20.17	0.104

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	23.23	0.210	22.58	0.181
n14	10	QPSK	793	23.17	0.207	22.52	0.179
n14	10	16QAM	793	22.72	0.187	22.07	0.161
n14	10	64QAM	793	20.79	0.120	20.14	0.103
n14	10	256QAM	793	18.69	0.074	18.04	0.064
n14	5	$\pi/2$ BPSK	790.5 ~ 795.5	23.23	0.210	22.58	0.181
n14	5	QPSK	790.5 ~ 795.5	22.97	0.198	22.32	0.171
n14	5	16QAM	790.5 ~ 795.5	22.27	0.169	21.62	0.145
n14	5	64QAM	790.5 ~ 795.5	20.72	0.118	20.07	0.102
n14	5	256QAM	790.5 ~ 795.5	19.37	0.086	18.72	0.074
n26(P90)	10	$\pi/2$ BPSK	819	23.15	0.207	22.40	0.174
n26(P90)	10	QPSK	819	23.15	0.207	22.40	0.174
n26(P90)	10	16QAM	819	22.37	0.173	21.62	0.145
n26(P90)	10	64QAM	819	20.93	0.124	20.18	0.104
n26(P90)	10	256QAM	819	18.60	0.072	17.85	0.061
n26(P90)	5	$\pi/2$ BPSK	816.5 ~ 821.5	23.25	0.211	22.50	0.178
n26(P90)	5	QPSK	816.5 ~ 821.5	23.79	0.239	23.04	0.201
n26(P90)	5	16QAM	816.5 ~ 821.5	22.85	0.193	22.10	0.162
n26(P90)	5	64QAM	816.5 ~ 821.5	20.97	0.125	20.22	0.105
n26(P90)	5	256QAM	816.5 ~ 821.5	19.47	0.089	18.72	0.074
n26(P22)	20	$\pi/2$ BPSK	834 ~ 839	23.23	0.210	22.48	0.177
n26(P22)	20	QPSK	834 ~ 839	23.13	0.206	22.38	0.173
n26(P22)	20	16QAM	834 ~ 839	22.59	0.182	21.84	0.153
n26(P22)	20	64QAM	834 ~ 839	20.97	0.125	20.22	0.105
n26(P22)	20	256QAM	834 ~ 839	18.74	0.075	17.99	0.063
n26(P22)	15	$\pi/2$ BPSK	831.5 ~ 841.5	22.97	0.198	22.22	0.167
n26(P22)	15	QPSK	831.5 ~ 841.5	22.59	0.182	21.84	0.153
n26(P22)	15	16QAM	831.5 ~ 841.5	21.49	0.141	20.74	0.119
n26(P22)	15	64QAM	831.5 ~ 841.5	20.63	0.116	19.88	0.097
n26(P22)	15	256QAM	831.5 ~ 841.5	18.91	0.078	18.16	0.065
n26(P22)	10	$\pi/2$ BPSK	829 ~ 844	23.42	0.220	22.67	0.185
n26(P22)	10	QPSK	829 ~ 844	23.17	0.207	22.42	0.175
n26(P22)	10	16QAM	829 ~ 844	22.81	0.191	22.06	0.161
n26(P22)	10	64QAM	829 ~ 844	21.48	0.141	20.73	0.118
n26(P22)	10	256QAM	829 ~ 844	18.92	0.078	18.17	0.066
n26(P22)	5	$\pi/2$ BPSK	826.5 ~ 846.5	23.23	0.210	22.48	0.177
n26(P22)	5	QPSK	826.5 ~ 846.5	23.31	0.214	22.56	0.180
n26(P22)	5	16QAM	826.5 ~ 846.5	22.36	0.172	21.61	0.145
n26(P22)	5	64QAM	826.5 ~ 846.5	21.07	0.128	20.32	0.108
n26(P22)	5	256QAM	826.5 ~ 846.5	19.24	0.084	18.49	0.071

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	23.19	0.208	22.44	0.175
n5	20	QPSK	834 ~ 839	23.37	0.217	22.62	0.183
n5	20	16QAM	834 ~ 839	22.15	0.164	21.40	0.138
n5	20	64QAM	834 ~ 839	20.96	0.125	20.21	0.105
n5	20	256QAM	834 ~ 839	18.94	0.078	18.19	0.066
n5	15	$\pi/2$ BPSK	831.5 ~ 841.5	23.10	0.204	22.35	0.172
n5	15	QPSK	831.5 ~ 841.5	22.95	0.197	22.20	0.166
n5	15	16QAM	831.5 ~ 841.5	22.33	0.171	21.58	0.144
n5	15	64QAM	831.5 ~ 841.5	20.97	0.125	20.22	0.105
n5	15	256QAM	831.5 ~ 841.5	19.10	0.081	18.35	0.068
n5	10	$\pi/2$ BPSK	829 ~ 844	23.58	0.228	22.83	0.192
n5	10	QPSK	829 ~ 844	23.32	0.215	22.57	0.181
n5	10	16QAM	829 ~ 844	22.94	0.197	22.19	0.166
n5	10	64QAM	829 ~ 844	21.54	0.143	20.79	0.120
n5	10	256QAM	829 ~ 844	18.94	0.078	18.19	0.066
n5	5	$\pi/2$ BPSK	826.5 ~ 846.5	23.25	0.211	22.50	0.178
n5	5	QPSK	826.5 ~ 846.5	23.21	0.209	22.46	0.176
n5	5	16QAM	826.5 ~ 846.5	22.95	0.197	22.20	0.166
n5	5	64QAM	826.5 ~ 846.5	22.46	0.176	21.71	0.148
n5	5	256QAM	826.5 ~ 846.5	21.05	0.127	20.30	0.107

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	22.86	0.193	25.36	0.344
n66	40	QPSK	1730 ~ 1760	22.82	0.191	25.32	0.340
n66	40	16QAM	1730 ~ 1760	22.19	0.166	24.69	0.294
n66	40	64QAM	1730 ~ 1760	20.76	0.119	23.26	0.212
n66	40	256QAM	1730 ~ 1760	18.55	0.072	21.05	0.127
n66	30	$\pi/2$ BPSK	1725 ~ 1765	23.02	0.200	25.52	0.356
n66	30	QPSK	1725 ~ 1765	22.96	0.198	25.46	0.352
n66	30	16QAM	1725 ~ 1765	22.86	0.193	25.36	0.344
n66	30	64QAM	1725 ~ 1765	22.29	0.169	24.79	0.301
n66	30	256QAM	1725 ~ 1765	20.79	0.120	23.29	0.213
n66	25	$\pi/2$ BPSK	1722.5 ~ 1767.5	23.02	0.200	25.52	0.356
n66	25	QPSK	1722.5 ~ 1767.5	23.03	0.201	25.53	0.357
n66	25	16QAM	1722.5 ~ 1767.5	22.94	0.197	25.44	0.350
n66	25	64QAM	1722.5 ~ 1767.5	21.80	0.151	24.30	0.269
n66	25	256QAM	1722.5 ~ 1767.5	20.65	0.116	23.15	0.207
n66	20	$\pi/2$ BPSK	1720 ~ 1770	22.86	0.193	25.36	0.344
n66	20	QPSK	1720 ~ 1770	22.81	0.191	25.31	0.340
n66	20	16QAM	1720 ~ 1770	22.15	0.164	24.65	0.292
n66	20	64QAM	1720 ~ 1770	20.67	0.117	23.17	0.207
n66	20	256QAM	1720 ~ 1770	18.41	0.069	20.91	0.123
n66	15	$\pi/2$ BPSK	1717.5 ~ 1772.5	23.11	0.205	25.61	0.364
n66	15	QPSK	1717.5 ~ 1772.5	22.72	0.187	25.22	0.333
n66	15	16QAM	1717.5 ~ 1772.5	22.24	0.167	24.74	0.298
n66	15	64QAM	1717.5 ~ 1772.5	20.94	0.124	23.44	0.221
n66	15	256QAM	1717.5 ~ 1772.5	18.55	0.072	21.05	0.127
n66	10	$\pi/2$ BPSK	1715 ~ 1775	22.78	0.190	25.28	0.337
n66	10	QPSK	1715 ~ 1775	23.06	0.202	25.56	0.360
n66	10	16QAM	1715 ~ 1775	22.14	0.164	24.64	0.291
n66	10	64QAM	1715 ~ 1775	20.38	0.109	22.88	0.194
n66	10	256QAM	1715 ~ 1775	18.43	0.070	20.93	0.124
n66	5	$\pi/2$ BPSK	1712.5 ~ 1777.5	22.91	0.195	25.41	0.348
n66	5	QPSK	1712.5 ~ 1777.5	23.02	0.200	25.52	0.356
n66	5	16QAM	1712.5 ~ 1777.5	22.01	0.159	24.51	0.282
n66	5	64QAM	1712.5 ~ 1777.5	20.24	0.106	22.74	0.188
n66	5	256QAM	1712.5 ~ 1777.5	18.85	0.077	21.35	0.136

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	22.79	0.190	25.09	0.323
n2	40	QPSK	1870 ~ 1890	22.68	0.185	24.98	0.315
n2	40	16QAM	1870 ~ 1890	22.30	0.170	24.60	0.288
n2	40	64QAM	1870 ~ 1890	20.68	0.117	22.98	0.199
n2	40	256QAM	1870 ~ 1890	18.25	0.067	20.55	0.114
n2	30	$\pi/2$ BPSK	1865 ~ 1895	22.76	0.189	25.06	0.321
n2	30	QPSK	1865 ~ 1895	22.87	0.194	25.17	0.329
n2	30	16QAM	1865 ~ 1895	22.21	0.166	24.51	0.282
n2	30	64QAM	1865 ~ 1895	20.63	0.116	22.93	0.196
n2	30	256QAM	1865 ~ 1895	18.35	0.068	20.65	0.116
n2	25	$\pi/2$ BPSK	1862.5 ~ 1897.5	22.90	0.195	25.20	0.331
n2	25	QPSK	1862.5 ~ 1897.5	22.81	0.191	25.11	0.324
n2	25	16QAM	1862.5 ~ 1897.5	22.12	0.163	24.42	0.277
n2	25	64QAM	1862.5 ~ 1897.5	20.62	0.115	22.92	0.196
n2	25	256QAM	1862.5 ~ 1897.5	18.33	0.068	20.63	0.116
n2	20	$\pi/2$ BPSK	1860 ~ 1900	22.71	0.187	25.01	0.317
n2	20	QPSK	1860 ~ 1900	22.73	0.187	25.03	0.318
n2	20	16QAM	1860 ~ 1900	22.06	0.161	24.36	0.273
n2	20	64QAM	1860 ~ 1900	20.51	0.112	22.81	0.191
n2	20	256QAM	1860 ~ 1900	18.08	0.064	20.38	0.109
n2	15	$\pi/2$ BPSK	1857.5 ~ 1902.5	22.69	0.186	24.99	0.316
n2	15	QPSK	1857.5 ~ 1902.5	22.47	0.177	24.77	0.300
n2	15	16QAM	1857.5 ~ 1902.5	22.01	0.159	24.31	0.270
n2	15	64QAM	1857.5 ~ 1902.5	20.40	0.110	22.70	0.186
n2	15	256QAM	1857.5 ~ 1902.5	18.28	0.067	20.58	0.114
n2	10	$\pi/2$ BPSK	1855 ~ 1905	22.66	0.185	24.96	0.313
n2	10	QPSK	1855 ~ 1905	22.63	0.183	24.93	0.311
n2	10	16QAM	1855 ~ 1905	21.83	0.152	24.13	0.259
n2	10	64QAM	1855 ~ 1905	20.38	0.109	22.68	0.185
n2	10	256QAM	1855 ~ 1905	18.00	0.063	20.30	0.107
n2	5	$\pi/2$ BPSK	1852.5 ~ 1907.5	22.72	0.187	25.02	0.318
n2	5	QPSK	1852.5 ~ 1907.5	22.79	0.190	25.09	0.323
n2	5	16QAM	1852.5 ~ 1907.5	21.84	0.153	24.14	0.259
n2	5	64QAM	1852.5 ~ 1907.5	20.19	0.104	22.49	0.177
n2	5	256QAM	1852.5 ~ 1907.5	18.23	0.067	20.53	0.113

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	22.77	0.189	25.07	0.321
n25	40	QPSK	1870 ~ 1895	22.72	0.187	25.02	0.318
n25	40	16QAM	1870 ~ 1895	22.84	0.192	25.14	0.327
n25	40	64QAM	1870 ~ 1895	22.05	0.160	24.35	0.272
n25	40	256QAM	1870 ~ 1895	20.30	0.107	22.60	0.182
n25	30	$\pi/2$ BPSK	1865 ~ 1900	22.91	0.195	25.21	0.332
n25	30	QPSK	1865 ~ 1900	22.84	0.192	25.14	0.327
n25	30	16QAM	1865 ~ 1900	21.96	0.157	24.26	0.267
n25	30	64QAM	1865 ~ 1900	20.46	0.111	22.76	0.189
n25	30	256QAM	1865 ~ 1900	18.40	0.069	20.70	0.117
n25	25	$\pi/2$ BPSK	1862.5 ~ 1902.5	22.86	0.193	25.16	0.328
n25	25	QPSK	1862.5 ~ 1902.5	22.73	0.187	25.03	0.318
n25	25	16QAM	1862.5 ~ 1902.5	22.26	0.168	24.56	0.286
n25	25	64QAM	1862.5 ~ 1902.5	20.84	0.121	23.14	0.206
n25	25	256QAM	1862.5 ~ 1902.5	18.57	0.072	20.87	0.122
n25	20	$\pi/2$ BPSK	1860 ~ 1905	22.70	0.186	25.00	0.316
n25	20	QPSK	1860 ~ 1905	22.84	0.192	25.14	0.327
n25	20	16QAM	1860 ~ 1905	22.22	0.167	24.52	0.283
n25	20	64QAM	1860 ~ 1905	20.18	0.104	22.48	0.177
n25	20	256QAM	1860 ~ 1905	18.27	0.067	20.57	0.114
n25	15	$\pi/2$ BPSK	1857.5 ~ 1907.5	22.76	0.189	25.06	0.321
n25	15	QPSK	1857.5 ~ 1907.5	22.52	0.179	24.82	0.303
n25	15	16QAM	1857.5 ~ 1907.5	21.85	0.153	24.15	0.260
n25	15	64QAM	1857.5 ~ 1907.5	20.63	0.116	22.93	0.196
n25	15	256QAM	1857.5 ~ 1907.5	18.57	0.072	20.87	0.122
n25	10	$\pi/2$ BPSK	1855 ~ 1910	22.93	0.196	25.23	0.333
n25	10	QPSK	1855 ~ 1910	22.82	0.191	25.12	0.325
n25	10	16QAM	1855 ~ 1910	22.31	0.170	24.61	0.289
n25	10	64QAM	1855 ~ 1910	21.01	0.126	23.31	0.214
n25	10	256QAM	1855 ~ 1910	18.42	0.070	20.72	0.118
n25	5	$\pi/2$ BPSK	1852.5 ~ 1912.5	22.93	0.196	25.23	0.333
n25	5	QPSK	1852.5 ~ 1912.5	22.71	0.187	25.01	0.317
n25	5	16QAM	1852.5 ~ 1912.5	22.12	0.163	24.42	0.277
n25	5	64QAM	1852.5 ~ 1912.5	20.38	0.109	22.68	0.185
n25	5	256QAM	1852.5 ~ 1912.5	19.04	0.080	21.34	0.136

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	22.44	0.175	20.94	0.124
n7	40	QPSK	2520 ~ 2550	22.38	0.173	20.88	0.122
n7	40	16QAM	2520 ~ 2550	22.24	0.167	20.74	0.119
n7	40	64QAM	2520 ~ 2550	21.81	0.152	20.31	0.107
n7	40	256QAM	2520 ~ 2550	20.21	0.105	18.71	0.074
n7	30	$\pi/2$ BPSK	2515 ~ 2555	22.51	0.178	21.01	0.126
n7	30	QPSK	2515 ~ 2555	22.43	0.175	20.93	0.124
n7	30	16QAM	2515 ~ 2555	21.92	0.156	20.42	0.110
n7	30	64QAM	2515 ~ 2555	20.05	0.101	18.55	0.072
n7	30	256QAM	2515 ~ 2555	18.11	0.065	16.61	0.046
n7	25	$\pi/2$ BPSK	2512.5 ~ 2557.5	22.46	0.176	20.96	0.125
n7	25	QPSK	2512.5 ~ 2557.5	22.40	0.174	20.90	0.123
n7	25	16QAM	2512.5 ~ 2557.5	21.85	0.153	20.35	0.108
n7	25	64QAM	2512.5 ~ 2557.5	20.34	0.108	18.84	0.077
n7	25	256QAM	2512.5 ~ 2557.5	18.19	0.066	16.69	0.047
n7	20	$\pi/2$ BPSK	2510 ~ 2560	22.51	0.178	21.01	0.126
n7	20	QPSK	2510 ~ 2560	22.41	0.174	20.91	0.123
n7	20	16QAM	2510 ~ 2560	21.78	0.151	20.28	0.107
n7	20	64QAM	2510 ~ 2560	20.22	0.105	18.72	0.074
n7	20	256QAM	2510 ~ 2560	17.86	0.061	16.36	0.043
n7	15	$\pi/2$ BPSK	2507.5 ~ 2562.5	22.64	0.184	21.14	0.130
n7	15	QPSK	2507.5 ~ 2562.5	22.28	0.169	20.78	0.120
n7	15	16QAM	2507.5 ~ 2562.5	21.34	0.136	19.84	0.096
n7	15	64QAM	2507.5 ~ 2562.5	20.25	0.106	18.75	0.075
n7	15	256QAM	2507.5 ~ 2562.5	18.34	0.068	16.84	0.048
n7	10	$\pi/2$ BPSK	2505 ~ 2565	22.55	0.180	21.05	0.127
n7	10	QPSK	2505 ~ 2565	22.39	0.173	20.89	0.123
n7	10	16QAM	2505 ~ 2565	22.05	0.160	20.55	0.114
n7	10	64QAM	2505 ~ 2565	20.74	0.119	19.24	0.084
n7	10	256QAM	2505 ~ 2565	18.11	0.065	16.61	0.046
n7	5	$\pi/2$ BPSK	2502.5 ~ 2567.5	22.59	0.182	21.09	0.129
n7	5	QPSK	2502.5 ~ 2567.5	22.48	0.177	20.98	0.125
n7	5	16QAM	2502.5 ~ 2567.5	22.43	0.175	20.93	0.124
n7	5	64QAM	2502.5 ~ 2567.5	21.13	0.130	19.63	0.092
n7	5	256QAM	2502.5 ~ 2567.5	20.13	0.103	18.63	0.073

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	22.86	0.193	21.36	0.137
n41	100	QPSK	2546.01 ~ 2640.00	22.82	0.191	21.32	0.136
n41	100	16QAM	2546.01 ~ 2640.00	22.03	0.160	20.53	0.113
n41	100	64QAM	2546.01 ~ 2640.00	20.47	0.111	18.97	0.079
n41	100	256QAM	2546.01 ~ 2640.00	18.68	0.074	17.18	0.052
n41	90	$\pi/2$ BPSK	2541.00 ~ 2644.98	22.82	0.191	21.32	0.136
n41	90	QPSK	2541.00 ~ 2644.98	22.83	0.192	21.33	0.136
n41	90	16QAM	2541.00 ~ 2644.98	21.93	0.156	20.43	0.110
n41	90	64QAM	2541.00 ~ 2644.98	20.61	0.115	19.11	0.081
n41	90	256QAM	2541.00 ~ 2644.98	18.69	0.074	17.19	0.052
n41	80	$\pi/2$ BPSK	2536.02 ~ 2649.99	22.88	0.194	21.38	0.137
n41	80	QPSK	2536.02 ~ 2649.99	22.81	0.191	21.31	0.135
n41	80	16QAM	2536.02 ~ 2649.99	21.99	0.158	20.49	0.112
n41	80	64QAM	2536.02 ~ 2649.99	20.59	0.115	19.09	0.081
n41	80	256QAM	2536.02 ~ 2649.99	18.79	0.076	17.29	0.054
n41	70	$\pi/2$ BPSK	2531.01 ~ 2655.00	22.89	0.195	21.39	0.138
n41	70	QPSK	2531.01 ~ 2655.00	22.93	0.196	21.43	0.139
n41	70	16QAM	2531.01 ~ 2655.00	22.09	0.162	20.59	0.115
n41	70	64QAM	2531.01 ~ 2655.00	20.54	0.113	19.04	0.080
n41	70	256QAM	2531.01 ~ 2655.00	18.50	0.071	17.00	0.050
n41	60	$\pi/2$ BPSK	2526.00 ~ 2659.98	22.79	0.190	21.29	0.135
n41	60	QPSK	2526.00 ~ 2659.98	22.77	0.189	21.27	0.134
n41	60	16QAM	2526.00 ~ 2659.98	21.97	0.157	20.47	0.111
n41	60	64QAM	2526.00 ~ 2659.98	20.40	0.110	18.90	0.078
n41	60	256QAM	2526.00 ~ 2659.98	18.50	0.071	17.00	0.050
n41	50	$\pi/2$ BPSK	2521.02 ~ 2664.99	22.91	0.195	21.41	0.138
n41	50	QPSK	2521.02 ~ 2664.99	22.99	0.199	21.49	0.141
n41	50	16QAM	2521.02 ~ 2664.99	22.20	0.166	20.70	0.117
n41	50	64QAM	2521.02 ~ 2664.99	20.83	0.121	19.33	0.086
n41	50	256QAM	2521.02 ~ 2664.99	18.70	0.074	17.20	0.052
n41	40	$\pi/2$ BPSK	2516.01 ~ 2670.00	22.86	0.193	21.36	0.137
n41	40	QPSK	2516.01 ~ 2670.00	22.96	0.198	21.46	0.140
n41	40	16QAM	2516.01 ~ 2670.00	22.05	0.160	20.55	0.114
n41	40	64QAM	2516.01 ~ 2670.00	20.54	0.113	19.04	0.080
n41	40	256QAM	2516.01 ~ 2670.00	18.48	0.070	16.98	0.050
n41	30	$\pi/2$ BPSK	2511.00 ~ 2674.98	22.93	0.196	21.43	0.139
n41	30	QPSK	2511.00 ~ 2674.98	23.01	0.200	21.51	0.142
n41	30	16QAM	2511.00 ~ 2674.98	22.06	0.161	20.56	0.114
n41	30	64QAM	2511.00 ~ 2674.98	20.61	0.115	19.11	0.081
n41	30	256QAM	2511.00 ~ 2674.98	18.90	0.078	17.40	0.055
n41	20	$\pi/2$ BPSK	2506.02 ~ 2679.99	22.86	0.193	21.36	0.137
n41	20	QPSK	2506.02 ~ 2679.99	22.93	0.196	21.43	0.139
n41	20	16QAM	2506.02 ~ 2679.99	21.95	0.157	20.45	0.111
n41	20	64QAM	2506.02 ~ 2679.99	20.67	0.117	19.17	0.083
n41	20	256QAM	2506.02 ~ 2679.99	18.97	0.079	17.47	0.056
n41	10	$\pi/2$ BPSK	2501.01 ~ 2685.00	22.84	0.192	21.34	0.136
n41	10	QPSK	2501.01 ~ 2685.00	22.92	0.196	21.42	0.139
n41	10	16QAM	2501.01 ~ 2685.00	21.93	0.156	20.43	0.110
n41	10	64QAM	2501.01 ~ 2685.00	20.68	0.117	19.18	0.083
n41	10	256QAM	2501.01 ~ 2685.00	18.94	0.078	17.44	0.055

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	23.11	0.205	21.61	0.145
n38	40	QPSK	2590 ~ 2600	23.13	0.206	21.63	0.146
n38	40	16QAM	2590 ~ 2600	22.40	0.174	20.90	0.123
n38	40	64QAM	2590 ~ 2600	20.89	0.123	19.39	0.087
n38	40	256QAM	2590 ~ 2600	18.77	0.075	17.27	0.053
n38	30	$\pi/2$ BPSK	2585 ~ 2605	23.08	0.203	21.58	0.144
n38	30	QPSK	2585 ~ 2605	23.19	0.208	21.69	0.148
n38	30	16QAM	2585 ~ 2605	22.02	0.159	20.52	0.113
n38	30	64QAM	2585 ~ 2605	20.70	0.117	19.20	0.083
n38	30	256QAM	2585 ~ 2605	18.61	0.073	17.11	0.051
n38	20	$\pi/2$ BPSK	2580 ~ 2610	22.94	0.197	21.44	0.139
n38	20	QPSK	2580 ~ 2610	22.97	0.198	21.47	0.140
n38	20	16QAM	2580 ~ 2610	22.24	0.167	20.74	0.119
n38	20	64QAM	2580 ~ 2610	20.77	0.119	19.27	0.085
n38	20	256QAM	2580 ~ 2610	18.83	0.076	17.33	0.054
n38	10	$\pi/2$ BPSK	2575 ~ 2615	23.03	0.201	21.53	0.142
n38	10	QPSK	2575 ~ 2615	22.96	0.198	21.46	0.140
n38	10	16QAM	2575 ~ 2615	22.88	0.194	21.38	0.137
n38	10	64QAM	2575 ~ 2615	21.93	0.156	20.43	0.110
n38	10	256QAM	2575 ~ 2615	20.70	0.117	19.20	0.083

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	25.83	0.383	24.23	0.265
n78	100	QPSK	3500.01	25.72	0.373	24.12	0.258
n78	100	16QAM	3500.01	24.93	0.311	23.33	0.215
n78	100	64QAM	3500.01	23.41	0.219	21.81	0.152
n78	100	256QAM	3500.01	21.31	0.135	19.71	0.094
n78	90	$\pi/2$ BPSK	3495.00 ~ 3504.99	25.71	0.372	24.11	0.258
n78	90	QPSK	3495.00 ~ 3504.99	25.70	0.372	24.10	0.257
n78	90	16QAM	3495.00 ~ 3504.99	24.90	0.309	23.30	0.214
n78	90	64QAM	3495.00 ~ 3504.99	23.42	0.220	21.82	0.152
n78	90	256QAM	3495.00 ~ 3504.99	21.38	0.137	19.78	0.095
n78	80	$\pi/2$ BPSK	3490.02 ~ 3510.00	25.73	0.374	24.13	0.259
n78	80	QPSK	3490.02 ~ 3510.00	25.80	0.380	24.20	0.263
n78	80	16QAM	3490.02 ~ 3510.00	25.72	0.373	24.12	0.258
n78	80	64QAM	3490.02 ~ 3510.00	24.96	0.313	23.36	0.217
n78	80	256QAM	3490.02 ~ 3510.00	23.13	0.206	21.53	0.142
n78	70	$\pi/2$ BPSK	3485.01 ~ 3515.01	25.71	0.372	24.11	0.258
n78	70	QPSK	3485.01 ~ 3515.01	25.70	0.372	24.10	0.257
n78	70	16QAM	3485.01 ~ 3515.01	24.94	0.312	23.34	0.216
n78	70	64QAM	3485.01 ~ 3515.01	23.12	0.205	21.52	0.142
n78	70	256QAM	3485.01 ~ 3515.01	21.24	0.133	19.64	0.092
n78	60	$\pi/2$ BPSK	3480.00 ~ 3519.99	25.61	0.364	24.01	0.252
n78	60	QPSK	3480.00 ~ 3519.99	25.58	0.361	23.98	0.250
n78	60	16QAM	3480.00 ~ 3519.99	24.59	0.288	22.99	0.199
n78	60	64QAM	3480.00 ~ 3519.99	23.18	0.208	21.58	0.144
n78	60	256QAM	3480.00 ~ 3519.99	21.11	0.129	19.51	0.089
n78	50	$\pi/2$ BPSK	3475.02 ~ 3525.00	25.77	0.378	24.17	0.261
n78	50	QPSK	3475.02 ~ 3525.00	25.80	0.380	24.20	0.263
n78	50	16QAM	3475.02 ~ 3525.00	24.86	0.306	23.26	0.212
n78	50	64QAM	3475.02 ~ 3525.00	23.38	0.218	21.78	0.151
n78	50	256QAM	3475.02 ~ 3525.00	21.68	0.147	20.08	0.102
n78	40	$\pi/2$ BPSK	3470.01 ~ 3530.01	25.47	0.352	23.87	0.244
n78	40	QPSK	3470.01 ~ 3530.01	25.63	0.366	24.03	0.253
n78	40	16QAM	3470.01 ~ 3530.01	24.58	0.287	22.98	0.199
n78	40	64QAM	3470.01 ~ 3530.01	23.13	0.206	21.53	0.142
n78	40	256QAM	3470.01 ~ 3530.01	21.33	0.136	19.73	0.094
n78	30	$\pi/2$ BPSK	3465.00 ~ 3534.99	25.89	0.388	24.29	0.269
n78	30	QPSK	3465.00 ~ 3534.99	25.79	0.379	24.19	0.262
n78	30	16QAM	3465.00 ~ 3534.99	25.67	0.369	24.07	0.255
n78	30	64QAM	3465.00 ~ 3534.99	24.62	0.290	23.02	0.200
n78	30	256QAM	3465.00 ~ 3534.99	23.20	0.209	21.60	0.145
n78	20	$\pi/2$ BPSK	3460.02 ~ 3540.00	25.63	0.366	24.03	0.253
n78	20	QPSK	3460.02 ~ 3540.00	25.80	0.380	24.20	0.263
n78	20	16QAM	3460.02 ~ 3540.00	24.61	0.289	23.01	0.200
n78	20	64QAM	3460.02 ~ 3540.00	23.15	0.207	21.55	0.143
n78	20	256QAM	3460.02 ~ 3540.00	21.21	0.132	19.61	0.091
n78	10	$\pi/2$ BPSK	3455.01 ~ 3545.01	25.90	0.389	24.30	0.269
n78	10	QPSK	3455.01 ~ 3545.01	25.90	0.389	24.30	0.269
n78	10	16QAM	3455.01 ~ 3545.01	25.16	0.328	23.56	0.227
n78	10	64QAM	3455.01 ~ 3545.01	24.33	0.271	22.73	0.187
n78	10	256QAM	3455.01 ~ 3545.01	22.54	0.179	20.94	0.124

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	25.77	0.378	24.17	0.261
n77	100	QPSK	3500.01	25.97	0.395	24.37	0.274
n77	100	16QAM	3500.01	25.01	0.317	23.41	0.219
n77	100	64QAM	3500.01	23.49	0.223	21.89	0.155
n77	100	256QAM	3500.01	21.45	0.140	19.85	0.097
n77	90	$\pi/2$ BPSK	3495.00 ~ 3504.99	25.83	0.383	24.23	0.265
n77	90	QPSK	3495.00 ~ 3504.99	25.74	0.375	24.14	0.259
n77	90	16QAM	3495.00 ~ 3504.99	24.91	0.310	23.31	0.214
n77	90	64QAM	3495.00 ~ 3504.99	23.61	0.230	22.01	0.159
n77	90	256QAM	3495.00 ~ 3504.99	21.67	0.147	20.07	0.102
n77	80	$\pi/2$ BPSK	3490.02 ~ 3510.00	25.77	0.378	24.17	0.261
n77	80	QPSK	3490.02 ~ 3510.00	25.84	0.384	24.24	0.265
n77	80	16QAM	3490.02 ~ 3510.00	24.96	0.313	23.36	0.217
n77	80	64QAM	3490.02 ~ 3510.00	23.46	0.222	21.86	0.153
n77	80	256QAM	3490.02 ~ 3510.00	21.58	0.144	19.98	0.100
n77	70	$\pi/2$ BPSK	3485.01 ~ 3515.01	25.77	0.378	24.17	0.261
n77	70	QPSK	3485.01 ~ 3515.01	25.79	0.379	24.19	0.262
n77	70	16QAM	3485.01 ~ 3515.01	25.58	0.361	23.98	0.250
n77	70	64QAM	3485.01 ~ 3515.01	24.93	0.311	23.33	0.215
n77	70	256QAM	3485.01 ~ 3515.01	23.33	0.215	21.73	0.149
n77	60	$\pi/2$ BPSK	3480.00 ~ 3519.99	25.82	0.382	24.22	0.264
n77	60	QPSK	3480.00 ~ 3519.99	25.68	0.370	24.08	0.256
n77	60	16QAM	3480.00 ~ 3519.99	25.47	0.352	23.87	0.244
n77	60	64QAM	3480.00 ~ 3519.99	24.26	0.267	22.66	0.185
n77	60	256QAM	3480.00 ~ 3519.99	23.11	0.205	21.51	0.142
n77	50	$\pi/2$ BPSK	3475.02 ~ 3525.00	25.78	0.378	24.18	0.262
n77	50	QPSK	3475.02 ~ 3525.00	25.81	0.381	24.21	0.264
n77	50	16QAM	3475.02 ~ 3525.00	24.93	0.311	23.33	0.215
n77	50	64QAM	3475.02 ~ 3525.00	23.45	0.221	21.85	0.153
n77	50	256QAM	3475.02 ~ 3525.00	21.69	0.148	20.09	0.102
n77	40	$\pi/2$ BPSK	3470.01 ~ 3529.98	25.79	0.379	24.19	0.262
n77	40	QPSK	3470.01 ~ 3529.98	25.72	0.373	24.12	0.258
n77	40	16QAM	3470.01 ~ 3529.98	24.79	0.301	23.19	0.208
n77	40	64QAM	3470.01 ~ 3529.98	23.13	0.206	21.53	0.142
n77	40	256QAM	3470.01 ~ 3529.98	21.46	0.140	19.86	0.097
n77	30	$\pi/2$ BPSK	3465.00 ~ 3534.99	25.87	0.386	24.27	0.267
n77	30	QPSK	3465.00 ~ 3534.99	25.92	0.391	24.32	0.270
n77	30	16QAM	3465.00 ~ 3534.99	25.74	0.375	24.14	0.259
n77	30	64QAM	3465.00 ~ 3534.99	24.87	0.307	23.27	0.212
n77	30	256QAM	3465.00 ~ 3534.99	23.03	0.201	21.43	0.139
n77	20	$\pi/2$ BPSK	3460.01 ~ 3540.00	25.77	0.378	24.17	0.261
n77	20	QPSK	3460.01 ~ 3540.00	25.58	0.361	23.98	0.250
n77	20	16QAM	3460.01 ~ 3540.00	24.57	0.286	22.97	0.198
n77	20	64QAM	3460.01 ~ 3540.00	23.50	0.224	21.90	0.155
n77	20	256QAM	3460.01 ~ 3540.00	21.30	0.135	19.70	0.093
n77	10	$\pi/2$ BPSK	3455.01 ~ 3545.01	25.93	0.392	24.33	0.271
n77	10	QPSK	3455.01 ~ 3545.01	25.75	0.376	24.15	0.260
n77	10	16QAM	3455.01 ~ 3545.01	24.65	0.292	23.05	0.202
n77	10	64QAM	3455.01 ~ 3545.01	23.42	0.220	21.82	0.152
n77	10	256QAM	3455.01 ~ 3545.01	21.38	0.137	19.78	0.095

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	25.33	0.341	23.73	0.236
n78	100	QPSK	3 750.00	25.40	0.347	23.80	0.240
n78	100	16QAM	3 750.00	24.39	0.275	22.79	0.190
n78	100	64QAM	3 750.00	22.88	0.194	21.28	0.134
n78	100	256QAM	3 750.00	20.70	0.117	19.10	0.081
n78	90	$\pi/2$ BPSK	3745.02 ~ 3754.98	25.38	0.345	23.78	0.239
n78	90	QPSK	3745.02 ~ 3754.98	25.32	0.340	23.72	0.236
n78	90	16QAM	3745.02 ~ 3754.98	24.54	0.284	22.94	0.197
n78	90	64QAM	3745.02 ~ 3754.98	23.00	0.200	21.40	0.138
n78	90	256QAM	3745.02 ~ 3754.98	21.14	0.130	19.54	0.090
n78	80	$\pi/2$ BPSK	3740.01 ~ 3759.99	25.40	0.347	23.80	0.240
n78	80	QPSK	3740.01 ~ 3759.99	25.28	0.337	23.68	0.233
n78	80	16QAM	3740.01 ~ 3759.99	24.45	0.279	22.85	0.193
n78	80	64QAM	3740.01 ~ 3759.99	23.06	0.202	21.46	0.140
n78	80	256QAM	3740.01 ~ 3759.99	21.13	0.130	19.53	0.090
n78	70	$\pi/2$ BPSK	3735 ~ 3765	25.34	0.342	23.74	0.237
n78	70	QPSK	3735 ~ 3765	25.24	0.334	23.64	0.231
n78	70	16QAM	3735 ~ 3765	24.32	0.270	22.72	0.187
n78	70	64QAM	3735 ~ 3765	22.98	0.199	21.38	0.137
n78	70	256QAM	3735 ~ 3765	21.09	0.129	19.49	0.089
n78	60	$\pi/2$ BPSK	3730.02 ~ 3769.98	25.28	0.337	23.68	0.233
n78	60	QPSK	3730.02 ~ 3769.98	25.26	0.336	23.66	0.232
n78	60	16QAM	3730.02 ~ 3769.98	24.40	0.275	22.80	0.191
n78	60	64QAM	3730.02 ~ 3769.98	22.95	0.197	21.35	0.136
n78	60	256QAM	3730.02 ~ 3769.98	21.05	0.127	19.45	0.088
n78	50	$\pi/2$ BPSK	3725.01 ~ 3774.99	25.38	0.345	23.78	0.239
n78	50	QPSK	3725.01 ~ 3774.99	25.45	0.351	23.85	0.243
n78	50	16QAM	3725.01 ~ 3774.99	24.51	0.282	22.91	0.195
n78	50	64QAM	3725.01 ~ 3774.99	23.13	0.206	21.53	0.142
n78	50	256QAM	3725.01 ~ 3774.99	21.04	0.127	19.44	0.088
n78	40	$\pi/2$ BPSK	3720 ~ 3780	25.41	0.348	23.81	0.240
n78	40	QPSK	3720 ~ 3780	25.47	0.352	23.87	0.244
n78	40	16QAM	3720 ~ 3780	24.39	0.275	22.79	0.190
n78	40	64QAM	3720 ~ 3780	22.98	0.199	21.38	0.137
n78	40	256QAM	3720 ~ 3780	20.91	0.123	19.31	0.085
n78	30	$\pi/2$ BPSK	3715.02 ~ 3785.01	25.43	0.349	23.83	0.242
n78	30	QPSK	3715.02 ~ 3785.01	25.54	0.358	23.94	0.248
n78	30	16QAM	3715.02 ~ 3785.01	24.64	0.291	23.04	0.201
n78	30	64QAM	3715.02 ~ 3785.01	22.95	0.197	21.35	0.136
n78	30	256QAM	3715.02 ~ 3785.01	21.00	0.126	19.40	0.087
n78	20	$\pi/2$ BPSK	3710.01 ~ 3789.99	25.35	0.343	23.75	0.237
n78	20	QPSK	3710.01 ~ 3789.99	25.51	0.356	23.91	0.246
n78	20	16QAM	3710.01 ~ 3789.99	24.46	0.279	22.86	0.193
n78	20	64QAM	3710.01 ~ 3789.99	23.16	0.207	21.56	0.143
n78	20	256QAM	3710.01 ~ 3789.99	20.95	0.124	19.35	0.086
n78	10	$\pi/2$ BPSK	3705 ~ 3795	25.42	0.348	23.82	0.241
n78	10	QPSK	3705 ~ 3795	25.40	0.347	23.80	0.240
n78	10	16QAM	3705 ~ 3795	24.37	0.274	22.77	0.189
n78	10	64QAM	3705 ~ 3795	22.88	0.194	21.28	0.134
n78	10	256QAM	3705 ~ 3795	21.02	0.126	19.42	0.087

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	25.53	0.357	23.93	0.247
n77	100	QPSK	3750 ~ 3930	25.56	0.360	23.96	0.249
n77	100	16QAM	3750 ~ 3930	25.63	0.366	24.03	0.253
n77	100	64QAM	3750 ~ 3930	24.42	0.277	22.82	0.191
n77	100	256QAM	3750 ~ 3930	23.13	0.206	21.53	0.142
n77	90	$\pi/2$ BPSK	3745.02 ~ 3934.98	25.47	0.352	23.87	0.244
n77	90	QPSK	3745.02 ~ 3934.98	25.44	0.350	23.84	0.242
n77	90	16QAM	3745.02 ~ 3934.98	24.45	0.279	22.85	0.193
n77	90	64QAM	3745.02 ~ 3934.98	23.48	0.223	21.88	0.154
n77	90	256QAM	3745.02 ~ 3934.98	20.98	0.125	19.38	0.087
n77	80	$\pi/2$ BPSK	3740.01 ~ 3939.99	25.60	0.363	24.00	0.251
n77	80	QPSK	3740.01 ~ 3939.99	25.59	0.362	23.99	0.251
n77	80	16QAM	3740.01 ~ 3939.99	25.65	0.367	24.05	0.254
n77	80	64QAM	3740.01 ~ 3939.99	24.73	0.297	23.13	0.206
n77	80	256QAM	3740.01 ~ 3939.99	23.35	0.216	21.75	0.150
n77	70	$\pi/2$ BPSK	3735 ~ 3945	25.56	0.360	23.96	0.249
n77	70	QPSK	3735 ~ 3945	25.53	0.357	23.93	0.247
n77	70	16QAM	3735 ~ 3945	24.50	0.282	22.90	0.195
n77	70	64QAM	3735 ~ 3945	23.39	0.218	21.79	0.151
n77	70	256QAM	3735 ~ 3945	21.13	0.130	19.53	0.090
n77	60	$\pi/2$ BPSK	3730.02 ~ 3949.98	25.51	0.356	23.91	0.246
n77	60	QPSK	3730.02 ~ 3949.98	25.48	0.353	23.88	0.244
n77	60	16QAM	3730.02 ~ 3949.98	24.56	0.286	22.96	0.198
n77	60	64QAM	3730.02 ~ 3949.98	23.07	0.203	21.47	0.140
n77	60	256QAM	3730.02 ~ 3949.98	20.89	0.123	19.29	0.085
n77	50	$\pi/2$ BPSK	3725.01 ~ 3954.99	25.69	0.371	24.09	0.256
n77	50	QPSK	3725.01 ~ 3954.99	25.68	0.370	24.08	0.256
n77	50	16QAM	3725.01 ~ 3954.99	24.72	0.296	23.12	0.205
n77	50	64QAM	3725.01 ~ 3954.99	23.62	0.230	22.02	0.159
n77	50	256QAM	3725.01 ~ 3954.99	21.28	0.134	19.68	0.093
n77	40	$\pi/2$ BPSK	3720 ~ 3960	25.49	0.354	23.89	0.245
n77	40	QPSK	3720 ~ 3960	25.53	0.357	23.93	0.247
n77	40	16QAM	3720 ~ 3960	24.62	0.290	23.02	0.200
n77	40	64QAM	3720 ~ 3960	23.24	0.211	21.64	0.146
n77	40	256QAM	3720 ~ 3960	21.16	0.131	19.56	0.090
n77	30	$\pi/2$ BPSK	3715.02 ~ 3964.98	25.62	0.365	24.02	0.252
n77	30	QPSK	3715.02 ~ 3964.98	25.72	0.373	24.12	0.258
n77	30	16QAM	3715.02 ~ 3964.98	24.66	0.292	23.06	0.202
n77	30	64QAM	3715.02 ~ 3964.98	23.19	0.208	21.59	0.144
n77	30	256QAM	3715.02 ~ 3964.98	21.23	0.133	19.63	0.092
n77	20	$\pi/2$ BPSK	3710.01 ~ 3969.99	25.65	0.367	24.05	0.254
n77	20	QPSK	3710.01 ~ 3969.99	25.79	0.379	24.19	0.262
n77	20	16QAM	3710.01 ~ 3969.99	24.81	0.303	23.21	0.209
n77	20	64QAM	3710.01 ~ 3969.99	23.31	0.214	21.71	0.148
n77	20	256QAM	3710.01 ~ 3969.99	21.43	0.139	19.83	0.096
n77	10	$\pi/2$ BPSK	3705 ~ 3975	25.82	0.382	24.22	0.264
n77	10	QPSK	3705 ~ 3975	25.80	0.380	24.20	0.263
n77	10	16QAM	3705 ~ 3975	24.78	0.301	23.18	0.208
n77	10	64QAM	3705 ~ 3975	23.38	0.218	21.78	0.151
n77	10	256QAM	3705 ~ 3975	21.54	0.143	19.94	0.099

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 ~ +21 °C
▪ Relative Humidity	37 % ~ 39 %

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

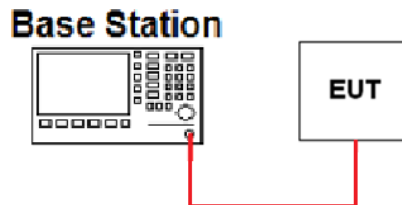
Dt&C Co., Ltd.		
The 3 m test site and conducted measurement facility used to collect the radiated data are located at the 42, Yurim-ro, 154beon-gil, Cheoin-gu, Yongin-si, Gyeonggi-do, Korea 17042. The site is complies with the requirements of part 2.948.		
- FCC Designation No.: KR0034		
- FCC Test 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 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.
- 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);

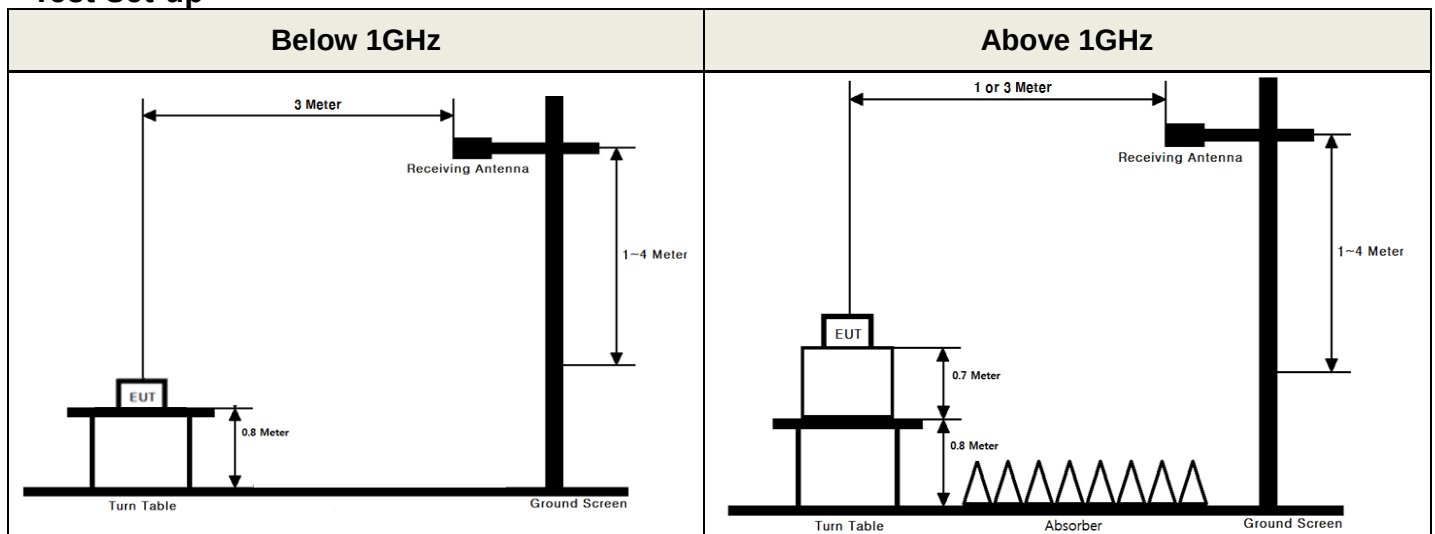
P_{Meas} = measured transmitter output power or PSD, in dBm or dBW;

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 (mobile station)	C
27.50(b)(9) 27.50(c)(9) 90.542(a)(6)	Effective Radiated Power (n12, 13, 14)	< 30 Watts max. ERP (mobile 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(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: This device uses a certified module (FCC ID: 2AX2URN932V).

Please refer to the module test report for conducted signal test items.

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	22.72	1.7	24.42	22.27
		QPSK	1/Inner right	22.60	1.7	24.30	22.15
		16QAM	1/Mid	22.16	1.7	23.86	21.71
		64QAM	1/Mid	20.04	1.7	21.74	19.59
		256QAM	1/inner left	18.53	1.7	20.23	18.08
	680.5	$\pi/2$ BPSK	1/Mid	23.12	1.7	24.82	22.67
		QPSK	1/Mid	22.95	1.7	24.65	22.50
		16QAM	1/Mid	22.53	1.7	24.23	22.08
		64QAM	1/Mid	20.43	1.7	22.13	19.98
		256QAM	1/Mid	18.92	1.7	20.62	18.47
	688	$\pi/2$ BPSK	1/Inner right	23.19	1.7	24.89	22.74
		QPSK	1/Mid	23.20	1.7	24.90	22.75
		16QAM	1/Mid	22.60	1.7	24.30	22.15
		64QAM	1/Mid	20.86	1.7	22.56	20.41
		256QAM	1/Mid	18.87	1.7	20.57	18.42
15	670.5	$\pi/2$ BPSK	1/Mid	22.57	1.7	24.27	22.12
		QPSK	1/Mid	22.18	1.7	23.88	21.73
		16QAM	1/Mid	21.51	1.7	23.21	21.06
		64QAM	1/Mid	20.26	1.7	21.96	19.81
		256QAM	1/Mid	18.95	1.7	20.65	18.50
	680.5	$\pi/2$ BPSK	1/Mid	22.96	1.7	24.66	22.51
		QPSK	1/Mid	22.44	1.7	24.14	21.99
		16QAM	1/Mid	21.74	1.7	23.44	21.29
		64QAM	1/Mid	20.53	1.7	22.23	20.08
		256QAM	1/Mid	19.23	1.7	20.93	18.78
	690.5	$\pi/2$ BPSK	1/Mid	23.17	1.7	24.87	22.72
		QPSK	1/Mid	22.74	1.7	24.44	22.29
		16QAM	1/Mid	22.07	1.7	23.77	21.62
		64QAM	1/Inner right	20.78	1.7	22.48	20.33
		256QAM	1/Mid	19.66	1.7	21.36	19.21
10	668	$\pi/2$ BPSK	1/Mid	22.69	1.7	24.39	22.24
		QPSK	1/Mid	22.15	1.7	23.85	21.70
		16QAM	1/Mid	21.70	1.7	23.40	21.25
		64QAM	1/Mid	20.24	1.7	21.94	19.79
		256QAM	1/inner left	19.00	1.7	20.70	18.55
	680.5	$\pi/2$ BPSK	1/Mid	22.90	1.7	24.60	22.45
		QPSK	1/Mid	22.32	1.7	24.02	21.87
		16QAM	1/Mid	21.91	1.7	23.61	21.46
		64QAM	1/Mid	20.69	1.7	22.39	20.24
		256QAM	1/edge right	19.17	1.7	20.87	18.72
	693	$\pi/2$ BPSK	1/Mid	23.02	1.7	24.72	22.57
		QPSK	1/Mid	22.76	1.7	24.46	22.31
		16QAM	1/Mid	22.23	1.7	23.93	21.78
		64QAM	1/Inner right	20.93	1.7	22.63	20.48
		256QAM	1/Mid	19.84	1.7	21.54	19.39

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	22.64	1.7	24.34	22.19
		QPSK	1/Mid	22.17	1.7	23.87	21.72
		16QAM	1/Mid	21.66	1.7	23.36	21.21
		64QAM	1/Mid	20.35	1.7	22.05	19.90
		256QAM	1/Mid	18.75	1.7	20.45	18.30
	680.5	$\pi/2$ BPSK	1/Mid	22.86	1.7	24.56	22.41
		QPSK	1/Mid	22.40	1.7	24.10	21.95
		16QAM	1/Mid	21.67	1.7	23.37	21.22
		64QAM	1/Mid	20.64	1.7	22.34	20.19
		256QAM	1/Mid	19.14	1.7	20.84	18.69
	695.5	$\pi/2$ BPSK	1/Mid	23.15	1.7	24.85	22.70
		QPSK	1/Mid	22.75	1.7	24.45	22.30
		16QAM	1/Mid	22.04	1.7	23.74	21.59
		64QAM	1/inner left	20.82	1.7	22.52	20.37
		256QAM	1/Inner right	19.57	1.7	21.27	19.12

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	22.68	1.7	24.38	22.23
		QPSK	1/Inner right	22.52	1.7	24.22	22.07
		16QAM	1/inner left	21.79	1.7	23.49	21.34
		64QAM	1/inner left	20.80	1.7	22.50	20.35
		256QAM	1/inner left	18.68	1.7	20.38	18.23
	708.5	$\pi/2$ BPSK	1/Mid	22.70	1.7	24.40	22.25
		QPSK	1/Mid	22.25	1.7	23.95	21.80
		16QAM	1/Mid	22.04	1.7	23.74	21.59
		64QAM	1/Mid	20.53	1.7	22.23	20.08
		256QAM	1/edge left	18.72	1.7	20.42	18.27
10	704	$\pi/2$ BPSK	1/inner left	22.97	1.7	24.67	22.52
		QPSK	1/Inner right	22.95	1.7	24.65	22.50
		16QAM	1/Inner right	22.23	1.7	23.93	21.78
		64QAM	1/edge left	20.37	1.7	22.07	19.92
		256QAM	1/edge right	18.36	1.7	20.06	17.91
	711	$\pi/2$ BPSK	1/inner left	23.10	1.7	24.80	22.65
		QPSK	1/Inner right	23.00	1.7	24.70	22.55
		16QAM	1/inner left	22.51	1.7	24.21	22.06
		64QAM	1/Inner right	21.30	1.7	23.00	20.85
		256QAM	1/Inner right	18.66	1.7	20.36	18.21
5	701.5	$\pi/2$ BPSK	1/Mid	22.94	1.7	24.64	22.49
		QPSK	1/Mid	22.70	1.7	24.40	22.25
		16QAM	1/Mid	22.58	1.7	24.28	22.13
		64QAM	1/Inner right	22.02	1.7	23.72	21.57
		256QAM	1/Inner right	20.73	1.7	22.43	20.28
	707.5	$\pi/2$ BPSK	1/Mid	22.90	1.7	24.60	22.45
		QPSK	1/Inner right	22.66	1.7	24.36	22.21
		16QAM	1/inner left	22.19	1.7	23.89	21.74
		64QAM	1/inner left	20.35	1.7	22.05	19.90
		256QAM	1/Mid	18.04	1.7	19.74	17.59
	713.5	$\pi/2$ BPSK	1/Mid	22.82	1.7	24.52	22.37
		QPSK	1/Mid	22.80	1.7	24.50	22.35
		16QAM	1/Mid	21.57	1.7	23.27	21.12
		64QAM	1/edge right	19.65	1.7	21.35	19.20
		256QAM	1/inner left	19.19	1.7	20.89	18.74

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/inner left	23.02	1.5	24.52	22.37
		QPSK	1/inner left	22.80	1.5	24.30	22.15
		16QAM	1/inner left	22.10	1.5	23.60	21.45
		64QAM	1/edge left	20.87	1.5	22.37	20.22
		256QAM	1/Mid	17.97	1.5	19.47	17.32
5	779.5	$\pi/2$ BPSK	1/Mid	23.37	1.5	24.87	22.72
		QPSK	1/Mid	23.29	1.5	24.79	22.64
		16QAM	1/Mid	23.27	1.5	24.77	22.62
		64QAM	1/inner left	22.11	1.5	23.61	21.46
		256QAM	1/inner left	20.82	1.5	22.32	20.17
	782	$\pi/2$ BPSK	1/Inner right	23.16	1.5	24.66	22.51
		QPSK	1/inner left	23.21	1.5	24.71	22.56
		16QAM	1/inner left	22.05	1.5	23.55	21.40
		64QAM	1/edge left	20.50	1.5	22.00	19.85
		256QAM	1/edge left	18.16	1.5	19.66	17.51
	784.5	$\pi/2$ BPSK	1/Inner right	23.24	1.5	24.74	22.59
		QPSK	1/Mid	23.62	1.5	25.12	22.97
		16QAM	1/Inner right	22.05	1.5	23.55	21.40
		64QAM	1/edge left	20.59	1.5	22.09	19.94
		256QAM	1/Mid	18.39	1.5	19.89	17.74

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	23.23	1.5	24.73	22.58
		QPSK	1/inner left	23.17	1.5	24.67	22.52
		16QAM	1/inner left	22.72	1.5	24.22	22.07
		64QAM	1/Mid	20.79	1.5	22.29	20.14
		256QAM	1/Mid	18.69	1.5	20.19	18.04
5	790.5	$\pi/2$ BPSK	1/Mid	23.02	1.5	24.52	22.37
		QPSK	1/Mid	22.80	1.5	24.30	22.15
		16QAM	1/inner left	22.27	1.5	23.77	21.62
		64QAM	1/inner left	20.36	1.5	21.86	19.71
		256QAM	1/inner left	18.02	1.5	19.52	17.37
	793	$\pi/2$ BPSK	1/Mid	23.23	1.5	24.73	22.58
		QPSK	1/Mid	22.97	1.5	24.47	22.32
		16QAM	1/Inner right	21.72	1.5	23.22	21.07
		64QAM	1/Inner right	19.78	1.5	21.28	19.13
		256QAM	1/Inner right	19.37	1.5	20.87	18.72
	795.5	$\pi/2$ BPSK	1/Mid	23.09	1.5	24.59	22.44
		QPSK	1/Mid	22.93	1.5	24.43	22.28
		16QAM	1/inner left	21.68	1.5	23.18	21.03
		64QAM	1/edge left	20.72	1.5	22.22	20.07
		256QAM	1/Mid	18.74	1.5	20.24	18.09

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/inner left	23.15	1.4	24.55	22.40
		QPSK	1/inner right	23.15	1.4	24.55	22.40
		16QAM	1/Mid	22.37	1.4	23.77	21.62
		64QAM	1/edge right	20.93	1.4	22.33	20.18
		256QAM	1/Mid	18.60	1.4	20.00	17.85
5	816.5	$\pi/2$ BPSK	1/Mid	23.20	1.4	24.60	22.45
		QPSK	1/inner left	23.70	1.4	25.10	22.95
		16QAM	1/inner right	22.84	1.4	24.24	22.09
		64QAM	1/inner left	20.90	1.4	22.30	20.15
		256QAM	1/inner right	19.43	1.4	20.83	18.68
	821.5	$\pi/2$ BPSK	1/inner left	23.25	1.4	24.65	22.50
		QPSK	1/Mid	23.79	1.4	25.19	23.04
		16QAM	1/Mid	22.85	1.4	24.25	22.10
		64QAM	1/edge right	20.97	1.4	22.37	20.22
		256QAM	1/inner left	19.47	1.4	20.87	18.72

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/inner left	23.22	1.4	24.62	22.47
		QPSK	1/Inner right	22.93	1.4	24.33	22.18
		16QAM	1/inner left	22.28	1.4	23.68	21.53
		64QAM	1/Mid	20.97	1.4	22.37	20.22
		256QAM	1/edge left	18.58	1.4	19.98	17.83
	836.5	$\pi/2$ BPSK	1/Mid	23.06	1.4	24.46	22.31
		QPSK	1/inner left	23.00	1.4	24.40	22.25
		16QAM	1/Mid	22.59	1.4	23.99	21.84
		64QAM	1/inner left	20.31	1.4	21.71	19.56
		256QAM	1/inner left	18.74	1.4	20.14	17.99
	839	$\pi/2$ BPSK	1/inner left	23.23	1.4	24.63	22.48
		QPSK	1/Mid	23.13	1.4	24.53	22.38
		16QAM	1/Mid	22.57	1.4	23.97	21.82
		64QAM	1/inner left	20.66	1.4	22.06	19.91
		256QAM	1/inner left	18.64	1.4	20.04	17.89
15	831.5	$\pi/2$ BPSK	1/Mid	22.97	1.4	24.37	22.22
		QPSK	1/Mid	22.59	1.4	23.99	21.84
		16QAM	1/Mid	20.95	1.4	22.35	20.20
		64QAM	1/Mid	20.44	1.4	21.84	19.69
		256QAM	1/Mid	18.68	1.4	20.08	17.93
	836.5	$\pi/2$ BPSK	1/Mid	22.23	1.4	23.63	21.48
		QPSK	1/Mid	21.94	1.4	23.34	21.19
		16QAM	1/Mid	21.16	1.4	22.56	20.41
		64QAM	1/Mid	20.63	1.4	22.03	19.88
		256QAM	1/edge left	18.91	1.4	20.31	18.16
	841.5	$\pi/2$ BPSK	1/Mid	22.41	1.4	23.81	21.66
		QPSK	1/Mid	21.91	1.4	23.31	21.16
		16QAM	1/Mid	21.49	1.4	22.89	20.74
		64QAM	1/Mid	20.41	1.4	21.81	19.66
		256QAM	1/edge left	18.76	1.4	20.16	18.01
10	829	$\pi/2$ BPSK	1/inner left	23.42	1.4	24.82	22.67
		QPSK	1/Mid	23.17	1.4	24.57	22.42
		16QAM	1/inner left	22.75	1.4	24.15	22.00
		64QAM	1/edge left	21.48	1.4	22.88	20.73
		256QAM	1/edge left	18.92	1.4	20.32	18.17
	836.5	$\pi/2$ BPSK	1/inner left	23.09	1.4	24.49	22.34
		QPSK	1/inner left	23.15	1.4	24.55	22.40
		16QAM	1/inner left	22.81	1.4	24.21	22.06
		64QAM	1/edge left	20.73	1.4	22.13	19.98
		256QAM	1/edge left	18.74	1.4	20.14	17.99
	844	$\pi/2$ BPSK	1/Inner right	23.22	1.4	24.62	22.47
		QPSK	1/inner left	23.10	1.4	24.50	22.35
		16QAM	1/Mid	22.75	1.4	24.15	22.00
		64QAM	1/Mid	20.66	1.4	22.06	19.91
		256QAM	1/Mid	18.66	1.4	20.06	17.91

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/Inner right	23.18	1.4	24.58	22.43
		QPSK	1/inner left	23.08	1.4	24.48	22.33
		16QAM	1/Inner right	22.00	1.4	23.40	21.25
		64QAM	1/edge right	20.99	1.4	22.39	20.24
		256QAM	1/Mid	19.02	1.4	20.42	18.27
	836.5	$\pi/2$ BPSK	1/Mid	23.17	1.4	24.57	22.42
		QPSK	1/Mid	23.30	1.4	24.70	22.55
		16QAM	1/Inner right	22.36	1.4	23.76	21.61
		64QAM	1/inner left	21.07	1.4	22.47	20.32
		256QAM	1/inner left	18.85	1.4	20.25	18.10
	846.5	$\pi/2$ BPSK	1/inner left	23.23	1.4	24.63	22.48
		QPSK	1/Mid	23.31	1.4	24.71	22.56
		16QAM	1/inner left	22.24	1.4	23.64	21.49
		64QAM	1/Mid	20.62	1.4	22.02	19.87
		256QAM	1/inner left	19.24	1.4	20.64	18.49

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	23.16	1.4	24.56	22.41
		QPSK	1/Mid	23.37	1.4	24.77	22.62
		16QAM	1/inner left	22.10	1.4	23.50	21.35
		64QAM	1/edge right	20.73	1.4	22.13	19.98
		256QAM	1/Mid	18.94	1.4	20.34	18.19
	839	$\pi/2$ BPSK	1/Mid	23.19	1.4	24.59	22.44
		QPSK	1/inner left	23.05	1.4	24.45	22.30
		16QAM	1/Mid	22.15	1.4	23.55	21.40
		64QAM	1/inner left	20.96	1.4	22.36	20.21
		256QAM	1/edge left	18.71	1.4	20.11	17.96
15	831.5	$\pi/2$ BPSK	1/Inner right	23.10	1.4	24.50	22.35
		QPSK	1/Inner right	22.74	1.4	24.14	21.99
		16QAM	1/Inner right	22.33	1.4	23.73	21.58
		64QAM	1/Inner right	20.97	1.4	22.37	20.22
		256QAM	1/edge left	19.10	1.4	20.50	18.35
	841.5	$\pi/2$ BPSK	1/Mid	23.05	1.4	24.45	22.30
		QPSK	1/inner left	22.95	1.4	24.35	22.20
		16QAM	1/inner left	21.85	1.4	23.25	21.10
		64QAM	1/edge right	20.78	1.4	22.18	20.03
		256QAM	1/inner left	18.79	1.4	20.19	18.04
10	829	$\pi/2$ BPSK	1/Mid	23.58	1.4	24.98	22.83
		QPSK	1/Inner right	23.30	1.4	24.70	22.55
		16QAM	1/inner left	22.87	1.4	24.27	22.12
		64QAM	1/inner left	21.54	1.4	22.94	20.79
		256QAM	1/Mid	18.94	1.4	20.34	18.19
	836.5	$\pi/2$ BPSK	1/Mid	23.29	1.4	24.69	22.54
		QPSK	1/Inner right	23.32	1.4	24.72	22.57
		16QAM	1/Inner right	22.94	1.4	24.34	22.19
		64QAM	1/edge left	20.81	1.4	22.21	20.06
		256QAM	1/Inner right	18.80	1.4	20.20	18.05
	844	$\pi/2$ BPSK	1/inner left	23.18	1.4	24.58	22.43
		QPSK	1/inner left	23.27	1.4	24.67	22.52
		16QAM	1/Mid	22.89	1.4	24.29	22.14
		64QAM	1/inner left	20.75	1.4	22.15	20.00
		256QAM	1/edge left	18.75	1.4	20.15	18.00
5	826.5	$\pi/2$ BPSK	1/inner left	23.25	1.4	24.65	22.50
		QPSK	1/Inner right	23.21	1.4	24.61	22.46
		16QAM	1/inner left	22.07	1.4	23.47	21.32
		64QAM	1/inner left	19.95	1.4	21.35	19.20
		256QAM	1/inner left	19.55	1.4	20.95	18.80
	836.5	$\pi/2$ BPSK	1/inner left	23.07	1.4	24.47	22.32
		QPSK	1/Mid	23.07	1.4	24.47	22.32
		16QAM	1/Inner right	21.86	1.4	23.26	21.11
		64QAM	1/Inner right	20.87	1.4	22.27	20.12
		256QAM	1/inner left	18.94	1.4	20.34	18.19
	846.5	$\pi/2$ BPSK	1/inner left	23.19	1.4	24.59	22.44
		QPSK	1/inner left	23.08	1.4	24.48	22.33
		16QAM	1/inner left	22.95	1.4	24.35	22.20
		64QAM	1/inner left	22.46	1.4	23.86	21.71
		256QAM	1/inner left	21.05	1.4	22.45	20.30

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/inner left	22.86	2.5	25.36
		QPSK	1/inner left	22.82	2.5	25.32
		16QAM	1/Mid	22.04	2.5	24.54
		64QAM	1/Mid	20.76	2.5	23.26
		256QAM	1/inner left	18.44	2.5	20.94
	1760	$\pi/2$ BPSK	1/Inner right	22.83	2.5	25.33
		QPSK	1/inner left	22.73	2.5	25.23
		16QAM	1/inner left	22.19	2.5	24.69
		64QAM	1/Mid	20.40	2.5	22.90
		256QAM	1/Mid	18.55	2.5	21.05
30	1725	$\pi/2$ BPSK	1/Mid	22.99	2.5	25.49
		QPSK	1/inner left	22.96	2.5	25.46
		16QAM	1/Mid	21.88	2.5	24.38
		64QAM	1/Inner right	20.54	2.5	23.04
		256QAM	1/Mid	18.27	2.5	20.77
	1745	$\pi/2$ BPSK	1/Inner right	23.02	2.5	25.52
		QPSK	1/inner left	22.93	2.5	25.43
		16QAM	1/inner left	22.20	2.5	24.70
		64QAM	1/edge left	20.99	2.5	23.49
		256QAM	1/inner left	18.46	2.5	20.96
	1765	$\pi/2$ BPSK	1/Inner right	23.02	2.5	25.52
		QPSK	1/Inner right	22.83	2.5	25.33
		16QAM	1/inner left	22.86	2.5	25.36
		64QAM	1/Mid	22.29	2.5	24.79
		256QAM	1/edge left	20.79	2.5	23.29
25	1722.5	$\pi/2$ BPSK	1/Mid	23.02	2.5	25.52
		QPSK	1/inner left	22.82	2.5	25.32
		16QAM	1/inner left	22.42	2.5	24.92
		64QAM	1/Inner right	20.60	2.5	23.10
		256QAM	1/inner left	18.38	2.5	20.88
	1745	$\pi/2$ BPSK	1/inner left	22.96	2.5	25.46
		QPSK	1/inner left	23.03	2.5	25.53
		16QAM	1/inner left	22.21	2.5	24.71
		64QAM	1/inner left	20.18	2.5	22.68
		256QAM	1/inner left	18.61	2.5	21.11
	1767.5	$\pi/2$ BPSK	1/inner left	22.86	2.5	25.36
		QPSK	1/Inner right	22.83	2.5	25.33
		16QAM	1/inner left	22.94	2.5	25.44
		64QAM	1/inner left	21.80	2.5	24.30
		256QAM	1/edge left	20.65	2.5	23.15

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	22.86	2.5	25.36
		QPSK	1/Inner right	22.70	2.5	25.20
		16QAM	1/Mid	21.79	2.5	24.29
		64QAM	1/edge right	20.67	2.5	23.17
		256QAM	1/edge right	18.37	2.5	20.87
	1745	$\pi/2$ BPSK	1/Mid	22.75	2.5	25.25
		QPSK	1/Mid	22.72	2.5	25.22
		16QAM	1/inner left	22.15	2.5	24.65
		64QAM	1/edge left	20.21	2.5	22.71
		256QAM	1/Mid	18.41	2.5	20.91
	1770	$\pi/2$ BPSK	1/inner left	22.82	2.5	25.32
		QPSK	1/Inner right	22.81	2.5	25.31
		16QAM	1/Mid	21.72	2.5	24.22
		64QAM	1/Mid	20.36	2.5	22.86
		256QAM	1/Mid	18.08	2.5	20.58
15	1717.5	$\pi/2$ BPSK	1/Inner right	23.11	2.5	25.61
		QPSK	1/inner left	22.72	2.5	25.22
		16QAM	1/Inner right	21.87	2.5	24.37
		64QAM	1/Mid	20.94	2.5	23.44
		256QAM	1/Inner right	18.41	2.5	20.91
	1745	$\pi/2$ BPSK	1/inner left	23.08	2.5	25.58
		QPSK	1/inner left	22.38	2.5	24.88
		16QAM	1/inner left	22.04	2.5	24.54
		64QAM	1/Inner right	20.07	2.5	22.57
		256QAM	1/inner left	18.55	2.5	21.05
	1772.5	$\pi/2$ BPSK	1/inner left	22.84	2.5	25.34
		QPSK	1/inner left	22.41	2.5	24.91
		16QAM	1/Inner right	22.24	2.5	24.74
		64QAM	1/inner left	20.05	2.5	22.55
		256QAM	1/inner left	17.93	2.5	20.43
10	1715	$\pi/2$ BPSK	1/Mid	22.78	2.5	25.28
		QPSK	1/Inner right	23.06	2.5	25.56
		16QAM	1/inner left	22.14	2.5	24.64
		64QAM	1/edge right	19.89	2.5	22.39
		256QAM	1/Inner right	18.29	2.5	20.79
	1745	$\pi/2$ BPSK	1/Mid	22.75	2.5	25.25
		QPSK	1/Mid	22.36	2.5	24.86
		16QAM	1/inner left	21.83	2.5	24.33
		64QAM	1/edge left	20.27	2.5	22.77
		256QAM	1/Mid	18.43	2.5	20.93
	1775	$\pi/2$ BPSK	1/Inner right	22.63	2.5	25.13
		QPSK	1/Mid	22.47	2.5	24.97
		16QAM	1/Mid	21.80	2.5	24.30
		64QAM	1/Inner right	20.38	2.5	22.88
		256QAM	1/inner left	17.62	2.5	20.12

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	22.91	2.5	25.41
		QPSK	1/Mid	23.02	2.5	25.52
		16QAM	1/inner left	22.01	2.5	24.51
		64QAM	1/edge left	20.24	2.5	22.74
		256QAM	1/edge left	18.85	2.5	21.35
	1745	$\pi/2$ BPSK	1/Mid	22.64	2.5	25.14
		QPSK	1/Mid	22.82	2.5	25.32
		16QAM	1/inner left	21.66	2.5	24.16
		64QAM	1/inner left	20.14	2.5	22.64
		256QAM	1/edge right	17.76	2.5	20.26
	1777.5	$\pi/2$ BPSK	1/Mid	22.73	2.5	25.23
		QPSK	1/Mid	22.76	2.5	25.26
		16QAM	1/inner left	21.33	2.5	23.83
		64QAM	1/Mid	20.17	2.5	22.67
		256QAM	1/inner left	17.57	2.5	20.07

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/Inner right	22.68	2.3	24.98
		QPSK	1/Mid	22.68	2.3	24.98
		16QAM	1/Mid	21.75	2.3	24.05
		64QAM	1/edge left	20.44	2.3	22.74
		256QAM	1/edge right	18.25	2.3	20.55
	1880	$\pi/2$ BPSK	1/Mid	22.79	2.3	25.09
		QPSK	1/inner left	22.67	2.3	24.97
		16QAM	1/Inner right	21.96	2.3	24.26
		64QAM	1/edge right	20.68	2.3	22.98
		256QAM	1/edge right	17.99	2.3	20.29
	1890	$\pi/2$ BPSK	1/Inner right	22.65	2.3	24.95
		QPSK	1/Inner right	22.67	2.3	24.97
		16QAM	1/Inner right	22.30	2.3	24.60
		64QAM	1/edge left	20.00	2.3	22.30
		256QAM	1/edge left	18.06	2.3	20.36
30	1865	$\pi/2$ BPSK	1/Mid	22.65	2.3	24.95
		QPSK	1/Inner right	22.87	2.3	25.17
		16QAM	1/Mid	21.59	2.3	23.89
		64QAM	1/Mid	20.58	2.3	22.88
		256QAM	1/edge right	18.12	2.3	20.42
	1880	$\pi/2$ BPSK	1/Inner right	22.49	2.3	24.79
		QPSK	1/inner left	22.53	2.3	24.83
		16QAM	1/Inner right	22.05	2.3	24.35
		64QAM	1/Mid	20.63	2.3	22.93
		256QAM	1/Mid	18.18	2.3	20.48
	1895	$\pi/2$ BPSK	1/Mid	22.76	2.3	25.06
		QPSK	1/Mid	22.55	2.3	24.85
		16QAM	1/inner left	22.21	2.3	24.51
		64QAM	1/edge right	19.86	2.3	22.16
		256QAM	1/Inner right	18.35	2.3	20.65
25	1862.5	$\pi/2$ BPSK	1/Mid	22.86	2.3	25.16
		QPSK	1/Mid	22.81	2.3	25.11
		16QAM	1/inner left	21.63	2.3	23.93
		64QAM	1/Mid	20.53	2.3	22.83
		256QAM	1/inner left	18.04	2.3	20.34
	1880	$\pi/2$ BPSK	1/Inner right	22.90	2.3	25.20
		QPSK	1/inner left	22.57	2.3	24.87
		16QAM	1/inner left	22.12	2.3	24.42
		64QAM	1/edge right	20.62	2.3	22.92
		256QAM	1/Mid	18.17	2.3	20.47
	1897.5	$\pi/2$ BPSK	1/Inner right	22.67	2.3	24.97
		QPSK	1/Mid	22.69	2.3	24.99
		16QAM	1/Inner right	21.98	2.3	24.28
		64QAM	1/edge right	19.81	2.3	22.11
		256QAM	1/inner left	18.33	2.3	20.63

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	22.71	2.3	25.01
		QPSK	1/Inner right	22.73	2.3	25.03
		16QAM	1/Inner right	21.65	2.3	23.95
		64QAM	1/Mid	20.29	2.3	22.59
		256QAM	1/Inner right	18.01	2.3	20.31
	1880	$\pi/2$ BPSK	1/Inner right	22.62	2.3	24.92
		QPSK	1/Inner right	22.53	2.3	24.83
		16QAM	1/Inner right	21.89	2.3	24.19
		64QAM	1/Inner right	20.51	2.3	22.81
		256QAM	1/edge left	17.95	2.3	20.25
	1900	$\pi/2$ BPSK	1/inner left	22.55	2.3	24.85
		QPSK	1/Mid	22.47	2.3	24.77
		16QAM	1/Inner right	22.06	2.3	24.36
		64QAM	1/Inner right	19.77	2.3	22.07
		256QAM	1/inner left	18.08	2.3	20.38
15	1857.5	$\pi/2$ BPSK	1/inner left	22.65	2.3	24.95
		QPSK	1/inner left	22.37	2.3	24.67
		16QAM	1/Inner right	22.01	2.3	24.31
		64QAM	1/inner left	19.94	2.3	22.24
		256QAM	1/edge left	17.84	2.3	20.14
	1880	$\pi/2$ BPSK	1/Inner right	22.69	2.3	24.99
		QPSK	1/Mid	22.47	2.3	24.77
		16QAM	1/Mid	21.48	2.3	23.78
		64QAM	1/Inner right	19.97	2.3	22.27
		256QAM	1/inner left	18.16	2.3	20.46
	1902.5	$\pi/2$ BPSK	1/Inner right	22.61	2.3	24.91
		QPSK	1/Inner right	22.31	2.3	24.61
		16QAM	1/Inner right	21.28	2.3	23.58
		64QAM	1/Inner right	20.40	2.3	22.70
		256QAM	1/inner left	18.28	2.3	20.58
10	1855	$\pi/2$ BPSK	1/inner left	22.66	2.3	24.96
		QPSK	1/Mid	22.44	2.3	24.74
		16QAM	1/Mid	21.70	2.3	24.00
		64QAM	1/Inner right	20.38	2.3	22.68
		256QAM	1/Mid	17.65	2.3	19.95
	1880	$\pi/2$ BPSK	1/Mid	22.37	2.3	24.67
		QPSK	1/inner left	22.11	2.3	24.41
		16QAM	1/inner left	21.75	2.3	24.05
		64QAM	1/edge right	19.73	2.3	22.03
		256QAM	1/Inner right	17.94	2.3	20.24
	1905	$\pi/2$ BPSK	1/inner left	22.41	2.3	24.71
		QPSK	1/Inner right	22.63	2.3	24.93
		16QAM	1/inner left	21.83	2.3	24.13
		64QAM	1/Mid	20.03	2.3	22.33
		256QAM	1/inner left	18.00	2.3	20.30

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	22.72	2.3	25.02
		QPSK	1/inner left	22.79	2.3	25.09
		16QAM	1/inner left	21.39	2.3	23.69
		64QAM	1/inner left	20.19	2.3	22.49
		256QAM	1/inner left	17.60	2.3	19.90
	1880	$\pi/2$ BPSK	1/Mid	22.67	2.3	24.97
		QPSK	1/Mid	22.60	2.3	24.90
		16QAM	1/inner left	21.76	2.3	24.06
		64QAM	1/Inner right	19.70	2.3	22.00
		256QAM	1/Inner right	18.23	2.3	20.53
	1907.5	$\pi/2$ BPSK	1/inner left	22.57	2.3	24.87
		QPSK	1/inner left	22.38	2.3	24.68
		16QAM	1/inner left	21.84	2.3	24.14
		64QAM	1/inner left	19.96	2.3	22.26
		256QAM	1/inner left	17.53	2.3	19.83

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	22.77	2.3	25.07
		QPSK	1/Mid	22.72	2.3	25.02
		16QAM	1/Mid	22.84	2.3	25.14
		64QAM	1/Mid	22.05	2.3	24.35
		256QAM	1/inner left	20.30	2.3	22.60
	1882.5	$\pi/2$ BPSK	1/inner left	22.68	2.3	24.98
		QPSK	1/inner left	22.57	2.3	24.87
		16QAM	1/Mid	22.17	2.3	24.47
		64QAM	1/Inner right	20.12	2.3	22.42
		256QAM	1/Mid	18.40	2.3	20.70
	1895	$\pi/2$ BPSK	1/inner left	22.63	2.3	24.93
		QPSK	1/inner left	22.59	2.3	24.89
		16QAM	1/inner left	22.12	2.3	24.42
		64QAM	1/inner left	20.38	2.3	22.68
		256QAM	1/inner left	18.07	2.3	20.37
30	1865	$\pi/2$ BPSK	1/inner left	22.91	2.3	25.21
		QPSK	1/inner left	22.84	2.3	25.14
		16QAM	1/Inner right	21.96	2.3	24.26
		64QAM	1/Mid	19.87	2.3	22.17
		256QAM	1/Mid	18.40	2.3	20.70
	1882.5	$\pi/2$ BPSK	1/inner left	22.70	2.3	25.00
		QPSK	1/Mid	22.71	2.3	25.01
		16QAM	1/Mid	21.61	2.3	23.91
		64QAM	1/edge left	20.43	2.3	22.73
		256QAM	1/inner left	18.39	2.3	20.69
	1900	$\pi/2$ BPSK	1/inner left	22.71	2.3	25.01
		QPSK	1/Inner right	22.64	2.3	24.94
		16QAM	1/inner left	21.79	2.3	24.09
		64QAM	1/Mid	20.46	2.3	22.76
		256QAM	1/edge left	18.20	2.3	20.50
25	1862.5	$\pi/2$ BPSK	1/inner left	22.86	2.3	25.16
		QPSK	1/Inner right	22.63	2.3	24.93
		16QAM	1/Inner right	22.26	2.3	24.56
		64QAM	1/edge right	20.38	2.3	22.68
		256QAM	1/edge left	18.57	2.3	20.87
	1882.5	$\pi/2$ BPSK	1/inner left	22.75	2.3	25.05
		QPSK	1/inner left	22.73	2.3	25.03
		16QAM	1/inner left	21.71	2.3	24.01
		64QAM	1/inner left	20.38	2.3	22.68
		256QAM	1/inner left	18.05	2.3	20.35
	1902.5	$\pi/2$ BPSK	1/Mid	22.69	2.3	24.99
		QPSK	1/inner left	22.61	2.3	24.91
		16QAM	1/inner left	22.08	2.3	24.38
		64QAM	1/inner left	20.84	2.3	23.14
		256QAM	1/Inner right	18.28	2.3	20.58

Channel Bandwidth (MHz)	Frequency (MHz)	Modulation	RB Size/ Offset	Conducted Output Power (dBm)	Antenna Gain(dBi)	EIRP (dBm)
20	1860	$\pi/2$ BPSK	1/Inner right	22.59	2.3	24.89
		QPSK	1/Inner right	22.69	2.3	24.99
		16QAM	1/Mid	22.22	2.3	24.52
		64QAM	1/Mid	19.97	2.3	22.27
		256QAM	1/Mid	18.27	2.3	20.57
	1882.5	$\pi/2$ BPSK	1/inner left	22.65	2.3	24.95
		QPSK	1/inner left	22.69	2.3	24.99
		16QAM	1/inner left	22.12	2.3	24.42
		64QAM	1/edge left	20.18	2.3	22.48
		256QAM	1/edge left	18.09	2.3	20.39
	1905	$\pi/2$ BPSK	1/inner left	22.70	2.3	25.00
		QPSK	1/Inner right	22.84	2.3	25.14
		16QAM	1/Inner right	21.65	2.3	23.95
		64QAM	1/edge right	19.74	2.3	22.04
		256QAM	1/Inner right	18.13	2.3	20.43
15	1857.5	$\pi/2$ BPSK	1/Inner right	22.76	2.3	25.06
		QPSK	1/inner left	22.52	2.3	24.82
		16QAM	1/inner left	21.48	2.3	23.78
		64QAM	1/edge left	20.53	2.3	22.83
		256QAM	1/inner left	18.43	2.3	20.73
	1882.5	$\pi/2$ BPSK	1/inner left	22.55	2.3	24.85
		QPSK	1/inner left	22.52	2.3	24.82
		16QAM	1/inner left	21.71	2.3	24.01
		64QAM	1/edge left	20.63	2.3	22.93
		256QAM	1/inner left	18.49	2.3	20.79
	1907.5	$\pi/2$ BPSK	1/Inner right	22.63	2.3	24.93
		QPSK	1/Inner right	22.22	2.3	24.52
		16QAM	1/Inner right	21.85	2.3	24.15
		64QAM	1/Inner right	20.37	2.3	22.67
		256QAM	1/Inner right	18.57	2.3	20.87
10	1855	$\pi/2$ BPSK	1/inner left	22.63	2.3	24.93
		QPSK	1/Mid	22.82	2.3	25.12
		16QAM	1/inner left	22.00	2.3	24.30
		64QAM	1/Inner right	20.25	2.3	22.55
		256QAM	1/Inner right	18.19	2.3	20.49
	1882.5	$\pi/2$ BPSK	1/inner left	22.93	2.3	25.23
		QPSK	1/inner left	22.73	2.3	25.03
		16QAM	1/Mid	22.26	2.3	24.56
		64QAM	1/Inner right	21.01	2.3	23.31
		256QAM	1/inner left	18.42	2.3	20.72
	1910	$\pi/2$ BPSK	1/Mid	22.89	2.3	25.19
		QPSK	1/inner left	22.72	2.3	25.02
		16QAM	1/Inner right	22.31	2.3	24.61
		64QAM	1/Mid	20.28	2.3	22.58
		256QAM	1/Mid	18.25	2.3	20.55

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/inner left	22.75	2.3	25.05
		QPSK	1/inner left	22.57	2.3	24.87
		16QAM	1/inner left	22.12	2.3	24.42
		64QAM	1/Inner right	20.17	2.3	22.47
		256QAM	1/inner left	17.80	2.3	20.10
	1882.5	$\pi/2$ BPSK	1/inner left	22.93	2.3	25.23
		QPSK	1/inner left	22.71	2.3	25.01
		16QAM	1/Inner right	21.46	2.3	23.76
		64QAM	1/inner left	19.57	2.3	21.87
		256QAM	1/inner left	19.04	2.3	21.34
	1912.5	$\pi/2$ BPSK	1/inner left	22.32	2.3	24.62
		QPSK	1/Mid	22.54	2.3	24.84
		16QAM	1/Inner right	21.38	2.3	23.68
		64QAM	1/Mid	20.38	2.3	22.68
		256QAM	1/inner left	18.45	2.3	20.75

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/inner left	22.43	-1.5	20.93
		QPSK	1/inner left	22.38	-1.5	20.88
		16QAM	1/inner left	21.39	-1.5	19.89
		64QAM	1/inner left	19.97	-1.5	18.47
		256QAM	1/inner left	17.76	-1.5	16.26
	2535	$\pi/2$ BPSK	1/inner left	22.44	-1.5	20.94
		QPSK	1/inner left	22.22	-1.5	20.72
		16QAM	1/inner left	21.60	-1.5	20.10
		64QAM	1/inner left	20.38	-1.5	18.88
		256QAM	1/inner left	18.05	-1.5	16.55
	2550	$\pi/2$ BPSK	1/inner left	22.27	-1.5	20.77
		QPSK	1/Inner right	22.27	-1.5	20.77
		16QAM	1/Inner right	22.24	-1.5	20.74
		64QAM	1/Inner right	21.81	-1.5	20.31
		256QAM	1/Inner right	20.21	-1.5	18.71
30	2515	$\pi/2$ BPSK	1/inner left	22.51	-1.5	21.01
		QPSK	1/inner left	22.38	-1.5	20.88
		16QAM	1/inner left	21.92	-1.5	20.42
		64QAM	1/edge left	20.05	-1.5	18.55
		256QAM	1/inner left	17.88	-1.5	16.38
	2535	$\pi/2$ BPSK	1/inner left	22.46	-1.5	20.96
		QPSK	1/Inner right	22.43	-1.5	20.93
		16QAM	1/Inner right	21.52	-1.5	20.02
		64QAM	1/edge left	19.43	-1.5	17.93
		256QAM	1/edge right	18.05	-1.5	16.55
	2555	$\pi/2$ BPSK	1/Inner right	22.49	-1.5	20.99
		QPSK	1/Mid	22.40	-1.5	20.90
		16QAM	1/Inner right	21.24	-1.5	19.74
		64QAM	1/Inner right	20.02	-1.5	18.52
		256QAM	1/Inner right	18.11	-1.5	16.61
25	2512.5	$\pi/2$ BPSK	1/inner left	22.46	-1.5	20.96
		QPSK	1/Mid	22.38	-1.5	20.88
		16QAM	1/inner left	21.61	-1.5	20.11
		64QAM	1/inner left	20.34	-1.5	18.84
		256QAM	1/edge left	18.14	-1.5	16.64
	2535	$\pi/2$ BPSK	1/inner left	22.36	-1.5	20.86
		QPSK	1/Inner right	22.32	-1.5	20.82
		16QAM	1/Inner right	21.85	-1.5	20.35
		64QAM	1/Inner right	19.95	-1.5	18.45
		256QAM	1/inner left	18.19	-1.5	16.69
	2557.5	$\pi/2$ BPSK	1/Inner right	22.46	-1.5	20.96
		QPSK	1/Inner right	22.40	-1.5	20.90
		16QAM	1/Inner right	21.41	-1.5	19.91
		64QAM	1/Inner right	20.04	-1.5	18.54
		256QAM	1/Inner right	17.74	-1.5	16.24

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	22.28	-1.5	20.78
		QPSK	1/inner left	22.22	-1.5	20.72
		16QAM	1/inner left	21.62	-1.5	20.12
		64QAM	1/inner left	20.22	-1.5	18.72
		256QAM	1/inner left	17.75	-1.5	16.25
	2535	$\pi/2$ BPSK	1/inner left	22.13	-1.5	20.63
		QPSK	1/Inner right	22.06	-1.5	20.56
		16QAM	1/Inner right	21.69	-1.5	20.19
		64QAM	1/edge right	19.43	-1.5	17.93
		256QAM	1/inner left	17.81	-1.5	16.31
	2560	$\pi/2$ BPSK	1/Inner right	22.51	-1.5	21.01
		QPSK	1/Inner right	22.41	-1.5	20.91
		16QAM	1/Mid	21.78	-1.5	20.28
		64QAM	1/Inner right	19.93	-1.5	18.43
		256QAM	1/edge right	17.86	-1.5	16.36
15	2507.5	$\pi/2$ BPSK	1/Inner right	22.64	-1.5	21.14
		QPSK	1/Inner right	22.28	-1.5	20.78
		16QAM	1/Inner right	21.34	-1.5	19.84
		64QAM	1/Inner right	19.71	-1.5	18.21
		256QAM	1/inner left	18.03	-1.5	16.53
	2535	$\pi/2$ BPSK	1/inner left	22.38	-1.5	20.88
		QPSK	1/Inner right	22.00	-1.5	20.50
		16QAM	1/Inner right	21.00	-1.5	19.50
		64QAM	1/edge left	20.00	-1.5	18.50
		256QAM	1/edge left	17.95	-1.5	16.45
	2562.5	$\pi/2$ BPSK	1/Inner right	22.28	-1.5	20.78
		QPSK	1/Mid	22.20	-1.5	20.70
		16QAM	1/Inner right	21.28	-1.5	19.78
		64QAM	1/Inner right	20.25	-1.5	18.75
		256QAM	1/Inner right	18.34	-1.5	16.84
10	2505	$\pi/2$ BPSK	1/inner left	22.17	-1.5	20.67
		QPSK	1/Mid	21.95	-1.5	20.45
		16QAM	1/inner left	21.83	-1.5	20.33
		64QAM	1/inner left	19.60	-1.5	18.10
		256QAM	1/Mid	17.77	-1.5	16.27
	2535	$\pi/2$ BPSK	1/inner left	22.45	-1.5	20.95
		QPSK	1/Inner right	22.30	-1.5	20.80
		16QAM	1/inner left	21.58	-1.5	20.08
		64QAM	1/edge left	19.79	-1.5	18.29
		256QAM	1/edge left	17.76	-1.5	16.26
	2565	$\pi/2$ BPSK	1/inner left	22.55	-1.5	21.05
		QPSK	1/Inner right	22.39	-1.5	20.89
		16QAM	1/Inner right	22.05	-1.5	20.55
		64QAM	1/Inner right	20.74	-1.5	19.24
		256QAM	1/Mid	18.11	-1.5	16.61

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/inner left	22.59	-1.5	21.09
		QPSK	1/Inner right	22.48	-1.5	20.98
		16QAM	1/inner left	21.66	-1.5	20.16
		64QAM	1/inner left	19.53	-1.5	18.03
		256QAM	1/Mid	18.01	-1.5	16.51
	2535	$\pi/2$ BPSK	1/inner left	22.24	-1.5	20.74
		QPSK	1/inner left	22.08	-1.5	20.58
		16QAM	1/Inner right	21.58	-1.5	20.08
		64QAM	1/Inner right	19.66	-1.5	18.16
		256QAM	1/inner left	17.28	-1.5	15.78
	2567.5	$\pi/2$ BPSK	1/Mid	22.47	-1.5	20.97
		QPSK	1/Inner right	22.33	-1.5	20.83
		16QAM	1/Mid	22.43	-1.5	20.93
		64QAM	1/Inner right	21.13	-1.5	19.63
		256QAM	1/Mid	20.13	-1.5	18.63

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/Inner right	22.79	-1.5	21.29
		QPSK	1/Inner right	22.77	-1.5	21.27
		16QAM	1/Inner right	21.96	-1.5	20.46
		64QAM	1/Inner right	20.20	-1.5	18.70
		256QAM	1/Mid	18.64	-1.5	17.14
	2592.99	$\pi/2$ BPSK	1/Mid	22.69	-1.5	21.19
		QPSK	1/Mid	22.75	-1.5	21.25
		16QAM	1/inner left	21.75	-1.5	20.25
		64QAM	1/inner left	20.10	-1.5	18.60
		256QAM	1/Inner right	18.37	-1.5	16.87
	2640.00	$\pi/2$ BPSK	1/inner left	22.86	-1.5	21.36
		QPSK	1/inner left	22.82	-1.5	21.32
		16QAM	1/inner left	22.03	-1.5	20.53
		64QAM	1/inner left	20.47	-1.5	18.97
		256QAM	1/inner left	18.68	-1.5	17.18
90	2541.00	$\pi/2$ BPSK	1/Inner right	22.77	-1.5	21.27
		QPSK	1/Inner right	22.64	-1.5	21.14
		16QAM	1/Inner right	21.87	-1.5	20.37
		64QAM	1/Inner right	20.61	-1.5	19.11
		256QAM	1/inner left	18.69	-1.5	17.19
	2592.99	$\pi/2$ BPSK	1/Mid	22.76	-1.5	21.26
		QPSK	1/Mid	22.72	-1.5	21.22
		16QAM	1/Mid	21.57	-1.5	20.07
		64QAM	1/inner left	20.27	-1.5	18.77
		256QAM	1/Mid	18.20	-1.5	16.70
	2644.98	$\pi/2$ BPSK	1/inner left	22.82	-1.5	21.32
		QPSK	1/inner left	22.83	-1.5	21.33
		16QAM	1/inner left	21.93	-1.5	20.43
		64QAM	1/inner left	20.21	-1.5	18.71
		256QAM	1/inner left	18.43	-1.5	16.93
80	2536.02	$\pi/2$ BPSK	1/Inner right	22.88	-1.5	21.38
		QPSK	1/Inner right	22.78	-1.5	21.28
		16QAM	1/Inner right	21.89	-1.5	20.39
		64QAM	1/Inner right	20.59	-1.5	19.09
		256QAM	1/edge right	18.79	-1.5	17.29
	2592.99	$\pi/2$ BPSK	1/Mid	22.71	-1.5	21.21
		QPSK	1/Mid	22.75	-1.5	21.25
		16QAM	1/Mid	21.80	-1.5	20.30
		64QAM	1/Inner right	20.20	-1.5	18.70
		256QAM	1/Mid	18.30	-1.5	16.80
	2649.99	$\pi/2$ BPSK	1/inner left	22.73	-1.5	21.23
		QPSK	1/inner left	22.81	-1.5	21.31
		16QAM	1/inner left	21.99	-1.5	20.49
		64QAM	1/edge left	20.25	-1.5	18.75
		256QAM	1/edge left	18.56	-1.5	17.06

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/Inner right	22.71	-1.5	21.21
		QPSK	1/Inner right	22.82	-1.5	21.32
		16QAM	1/Inner right	22.09	-1.5	20.59
		64QAM	1/edge right	20.51	-1.5	19.01
		256QAM	1/Inner right	18.48	-1.5	16.98
	2592.99	$\pi/2$ BPSK	1/Mid	22.89	-1.5	21.39
		QPSK	1/Mid	22.93	-1.5	21.43
		16QAM	1/Inner right	21.91	-1.5	20.41
		64QAM	1/inner left	20.54	-1.5	19.04
		256QAM	1/edge right	18.50	-1.5	17.00
	2655.00	$\pi/2$ BPSK	1/inner left	22.79	-1.5	21.29
		QPSK	1/inner left	22.69	-1.5	21.19
		16QAM	1/inner left	21.71	-1.5	20.21
		64QAM	1/inner left	20.42	-1.5	18.92
		256QAM	1/inner left	18.02	-1.5	16.52
60	2526.00	$\pi/2$ BPSK	1/Inner right	22.79	-1.5	21.29
		QPSK	1/Inner right	22.76	-1.5	21.26
		16QAM	1/Inner right	21.77	-1.5	20.27
		64QAM	1/inner left	20.40	-1.5	18.90
		256QAM	1/edge right	18.50	-1.5	17.00
	2592.99	$\pi/2$ BPSK	1/Mid	22.78	-1.5	21.28
		QPSK	1/Mid	22.77	-1.5	21.27
		16QAM	1/Mid	21.97	-1.5	20.47
		64QAM	1/edge left	20.36	-1.5	18.86
		256QAM	1/edge left	18.23	-1.5	16.73
	2659.98	$\pi/2$ BPSK	1/inner left	22.52	-1.5	21.02
		QPSK	1/inner left	22.49	-1.5	20.99
		16QAM	1/inner left	21.33	-1.5	19.83
		64QAM	1/inner left	19.88	-1.5	18.38
		256QAM	1/edge left	18.22	-1.5	16.72
50	2521.02	$\pi/2$ BPSK	1/Inner right	22.89	-1.5	21.39
		QPSK	1/Inner right	22.99	-1.5	21.49
		16QAM	1/Inner right	22.03	-1.5	20.53
		64QAM	1/edge right	20.83	-1.5	19.33
		256QAM	1/edge left	18.70	-1.5	17.20
	2592.99	$\pi/2$ BPSK	1/Mid	22.91	-1.5	21.41
		QPSK	1/Mid	22.92	-1.5	21.42
		16QAM	1/inner left	22.20	-1.5	20.70
		64QAM	1/Mid	20.57	-1.5	19.07
		256QAM	1/Mid	18.49	-1.5	16.99
	2664.99	$\pi/2$ BPSK	1/inner left	22.64	-1.5	21.14
		QPSK	1/inner left	22.75	-1.5	21.25
		16QAM	1/inner left	21.83	-1.5	20.33
		64QAM	1/edge left	20.17	-1.5	18.67
		256QAM	1/inner left	18.22	-1.5	16.72

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/inner left	22.79	-1.5	21.29
		QPSK	1/Inner right	22.83	-1.5	21.33
		16QAM	1/Inner right	21.95	-1.5	20.45
		64QAM	1/Inner right	20.54	-1.5	19.04
		256QAM	1/edge left	18.46	-1.5	16.96
	2592.99	$\pi/2$ BPSK	1/Mid	22.86	-1.5	21.36
		QPSK	1/Mid	22.96	-1.5	21.46
		16QAM	1/Inner right	22.05	-1.5	20.55
		64QAM	1/Inner right	20.45	-1.5	18.95
		256QAM	1/Inner right	18.48	-1.5	16.98
	2670.00	$\pi/2$ BPSK	1/inner left	22.30	-1.5	20.80
		QPSK	1/inner left	22.19	-1.5	20.69
		16QAM	1/inner left	21.29	-1.5	19.79
		64QAM	1/inner left	19.75	-1.5	18.25
		256QAM	1/inner left	17.83	-1.5	16.33
30	2511.00	$\pi/2$ BPSK	1/inner left	22.93	-1.5	21.43
		QPSK	1/Inner right	22.74	-1.5	21.24
		16QAM	1/inner left	21.89	-1.5	20.39
		64QAM	1/Mid	20.61	-1.5	19.11
		256QAM	1/Inner right	18.60	-1.5	17.10
	2592.99	$\pi/2$ BPSK	1/Mid	22.90	-1.5	21.40
		QPSK	1/Mid	23.01	-1.5	21.51
		16QAM	1/Inner right	22.06	-1.5	20.56
		64QAM	1/inner left	20.48	-1.5	18.98
		256QAM	1/edge right	18.90	-1.5	17.40
	2674.98	$\pi/2$ BPSK	1/inner left	22.27	-1.5	20.77
		QPSK	1/inner left	22.15	-1.5	20.65
		16QAM	1/Inner right	21.17	-1.5	19.67
		64QAM	1/Mid	19.84	-1.5	18.34
		256QAM	1/inner left	17.66	-1.5	16.16
20	2506.02	$\pi/2$ BPSK	1/inner left	22.69	-1.5	21.19
		QPSK	1/Mid	22.84	-1.5	21.34
		16QAM	1/inner left	21.57	-1.5	20.07
		64QAM	1/Mid	20.67	-1.5	19.17
		256QAM	1/Mid	18.58	-1.5	17.08
	2592.99	$\pi/2$ BPSK	1/Mid	22.86	-1.5	21.36
		QPSK	1/Mid	22.93	-1.5	21.43
		16QAM	1/Mid	21.95	-1.5	20.45
		64QAM	1/edge left	20.29	-1.5	18.79
		256QAM	1/Mid	18.97	-1.5	17.47
	2679.99	$\pi/2$ BPSK	1/Mid	22.29	-1.5	20.79
		QPSK	1/Inner right	22.23	-1.5	20.73
		16QAM	1/Mid	21.34	-1.5	19.84
		64QAM	1/Inner right	19.77	-1.5	18.27
		256QAM	1/Mid	17.83	-1.5	16.33

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/inner left	22.80	-1.5	21.30
		QPSK	1/Mid	22.92	-1.5	21.42
		16QAM	1/inner left	21.51	-1.5	20.01
		64QAM	1/Mid	20.68	-1.5	19.18
		256QAM	1/Mid	18.51	-1.5	17.01
	2592.99	$\pi/2$ BPSK	1/Inner right	22.84	-1.5	21.34
		QPSK	1/Inner right	22.86	-1.5	21.36
		16QAM	1/Mid	21.93	-1.5	20.43
		64QAM	1/Mid	20.36	-1.5	18.86
		256QAM	1/Mid	18.94	-1.5	17.44
	2685.00	$\pi/2$ BPSK	1/Mid	22.29	-1.5	20.79
		QPSK	1/inner left	22.08	-1.5	20.58
		16QAM	1/Mid	21.42	-1.5	19.92
		64QAM	1/edge left	19.81	-1.5	18.31
		256QAM	1/Mid	17.86	-1.5	16.36

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/inner left	23.11	-1.5	21.61
		QPSK	1/inner left	23.05	-1.5	21.55
		16QAM	1/Mid	21.93	-1.5	20.43
		64QAM	1/edge left	20.67	-1.5	19.17
		256QAM	1/inner left	18.64	-1.5	17.14
	2595.00	$\pi/2$ BPSK	1/inner left	23.09	-1.5	21.59
		QPSK	1/inner left	23.13	-1.5	21.63
		16QAM	1/Mid	22.40	-1.5	20.90
		64QAM	1/inner left	20.89	-1.5	19.39
		256QAM	1/Inner right	18.77	-1.5	17.27
	2600.00	$\pi/2$ BPSK	1/inner left	22.88	-1.5	21.38
		QPSK	1/inner left	22.83	-1.5	21.33
		16QAM	1/inner left	21.89	-1.5	20.39
		64QAM	1/inner left	20.50	-1.5	19.00
		256QAM	1/edge left	18.37	-1.5	16.87
30	2585.00	$\pi/2$ BPSK	1/inner left	23.08	-1.5	21.58
		QPSK	1/Mid	22.81	-1.5	21.31
		16QAM	1/Mid	22.02	-1.5	20.52
		64QAM	1/inner left	20.48	-1.5	18.98
		256QAM	1/edge left	18.58	-1.5	17.08
	2595.00	$\pi/2$ BPSK	1/Mid	22.87	-1.5	21.37
		QPSK	1/inner left	23.02	-1.5	21.52
		16QAM	1/inner left	21.80	-1.5	20.30
		64QAM	1/inner left	20.70	-1.5	19.20
		256QAM	1/Mid	18.50	-1.5	17.00
	2605.00	$\pi/2$ BPSK	1/inner left	22.82	-1.5	21.32
		QPSK	1/inner left	23.19	-1.5	21.69
		16QAM	1/inner left	21.90	-1.5	20.40
		64QAM	1/Mid	20.40	-1.5	18.90
		256QAM	1/edge right	18.61	-1.5	17.11
20	2580.00	$\pi/2$ BPSK	1/inner left	22.94	-1.5	21.44
		QPSK	1/Inner right	22.97	-1.5	21.47
		16QAM	1/inner left	22.24	-1.5	20.74
		64QAM	1/Inner right	20.77	-1.5	19.27
		256QAM	1/Mid	18.83	-1.5	17.33
	2595.00	$\pi/2$ BPSK	1/Mid	22.73	-1.5	21.23
		QPSK	1/Mid	22.71	-1.5	21.21
		16QAM	1/inner left	21.95	-1.5	20.45
		64QAM	1/inner left	20.30	-1.5	18.80
		256QAM	1/edge left	18.71	-1.5	17.21
	2610.00	$\pi/2$ BPSK	1/inner left	22.79	-1.5	21.29
		QPSK	1/inner left	22.61	-1.5	21.11
		16QAM	1/Mid	21.84	-1.5	20.34
		64QAM	1/edge left	20.17	-1.5	18.67
		256QAM	1/Inner right	18.49	-1.5	16.99

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/inner left	23.03	-1.5	21.53
		QPSK	1/Inner right	22.81	-1.5	21.31
		16QAM	1/Inner right	22.88	-1.5	21.38
		64QAM	1/inner left	21.93	-1.5	20.43
		256QAM	1/Mid	20.70	-1.5	19.20
	2595.00	$\pi/2$ BPSK	1/inner left	22.83	-1.5	21.33
		QPSK	1/inner left	22.96	-1.5	21.46
		16QAM	1/inner left	21.85	-1.5	20.35
		64QAM	1/Inner right	20.74	-1.5	19.24
		256QAM	1/edge left	18.35	-1.5	16.85
	2615.00	$\pi/2$ BPSK	1/inner left	22.75	-1.5	21.25
		QPSK	1/Inner right	22.83	-1.5	21.33
		16QAM	1/inner left	21.84	-1.5	20.34
		64QAM	1/inner left	20.66	-1.5	19.16
		256QAM	1/Mid	18.26	-1.5	16.76

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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/inner left	25.83	-1.6	24.23
		QPSK	1/inner left	25.72	-1.6	24.12
		16QAM	1/inner left	24.93	-1.6	23.33
		64QAM	1/inner left	23.41	-1.6	21.81
		256QAM	1/inner left	21.31	-1.6	19.71
90	3495.00	$\pi/2$ BPSK	1/inner left	25.71	-1.6	24.11
		QPSK	1/inner left	25.63	-1.6	24.03
		16QAM	1/inner left	24.73	-1.6	23.13
		64QAM	1/inner left	23.24	-1.6	21.64
		256QAM	1/inner left	21.21	-1.6	19.61
	3500.01	$\pi/2$ BPSK	1/inner left	25.67	-1.6	24.07
		QPSK	1/inner left	25.70	-1.6	24.10
		16QAM	1/inner left	24.90	-1.6	23.30
		64QAM	1/inner left	23.42	-1.6	21.82
		256QAM	1/inner left	21.38	-1.6	19.78
	3504.99	$\pi/2$ BPSK	1/inner left	25.57	-1.6	23.97
		QPSK	1/inner left	25.65	-1.6	24.05
		16QAM	1/inner left	24.50	-1.6	22.90
		64QAM	1/inner left	23.23	-1.6	21.63
		256QAM	1/inner left	21.33	-1.6	19.73
80	3490.02	$\pi/2$ BPSK	1/inner left	25.59	-1.6	23.99
		QPSK	1/inner left	25.53	-1.6	23.93
		16QAM	1/inner left	24.85	-1.6	23.25
		64QAM	1/inner left	23.06	-1.6	21.46
		256QAM	1/inner left	21.05	-1.6	19.45
	3500.01	$\pi/2$ BPSK	1/inner left	25.73	-1.6	24.13
		QPSK	1/inner left	25.80	-1.6	24.20
		16QAM	1/inner left	24.68	-1.6	23.08
		64QAM	1/inner left	23.14	-1.6	21.54
		256QAM	1/edge left	21.27	-1.6	19.67
	3510.00	$\pi/2$ BPSK	1/inner left	25.68	-1.6	24.08
		QPSK	1/inner left	25.78	-1.6	24.18
		16QAM	1/inner left	25.72	-1.6	24.12
		64QAM	1/inner left	24.96	-1.6	23.36
		256QAM	1/inner left	23.13	-1.6	21.53
70	3485.01	$\pi/2$ BPSK	1/inner left	25.50	-1.6	23.90
		QPSK	1/inner left	25.54	-1.6	23.94
		16QAM	1/inner left	24.82	-1.6	23.22
		64QAM	1/inner left	22.92	-1.6	21.32
		256QAM	1/edge left	21.08	-1.6	19.48
	3500.01	$\pi/2$ BPSK	1/inner left	25.71	-1.6	24.11
		QPSK	1/inner left	25.70	-1.6	24.10
		16QAM	1/inner left	24.94	-1.6	23.34
		64QAM	1/Mid	23.12	-1.6	21.52
		256QAM	1/inner left	21.24	-1.6	19.64
	3515.01	$\pi/2$ BPSK	1/inner left	25.48	-1.6	23.88
		QPSK	1/inner left	25.48	-1.6	23.88
		16QAM	1/inner left	24.62	-1.6	23.02
		64QAM	1/inner left	22.86	-1.6	21.26
		256QAM	1/inner left	21.05	-1.6	19.45

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 left	25.61	-1.6	24.01
		QPSK	1/inner left	25.47	-1.6	23.87
		16QAM	1/inner left	24.52	-1.6	22.92
		64QAM	1/inner left	23.18	-1.6	21.58
		256QAM	1/inner left	21.06	-1.6	19.46
	3500.01	$\pi/2$ BPSK	1/inner left	25.49	-1.6	23.89
		QPSK	1/inner left	25.58	-1.6	23.98
		16QAM	1/inner left	24.59	-1.6	22.99
		64QAM	1/inner left	22.96	-1.6	21.36
		256QAM	1/edge left	21.11	-1.6	19.51
	3519.99	$\pi/2$ BPSK	1/inner left	25.47	-1.6	23.87
		QPSK	1/inner left	25.43	-1.6	23.83
		16QAM	1/inner left	24.50	-1.6	22.90
		64QAM	1/inner left	23.09	-1.6	21.49
		256QAM	1/inner left	20.98	-1.6	19.38
50	3475.02	$\pi/2$ BPSK	1/inner left	25.77	-1.6	24.17
		QPSK	1/inner left	25.62	-1.6	24.02
		16QAM	1/Mid	24.86	-1.6	23.26
		64QAM	1/inner left	23.38	-1.6	21.78
		256QAM	1/inner left	21.68	-1.6	20.08
	3500.01	$\pi/2$ BPSK	1/inner left	25.70	-1.6	24.10
		QPSK	1/inner left	25.80	-1.6	24.20
		16QAM	1/inner left	24.73	-1.6	23.13
		64QAM	1/inner left	23.27	-1.6	21.67
		256QAM	1/inner left	21.38	-1.6	19.78
	3525.00	$\pi/2$ BPSK	1/inner left	25.38	-1.6	23.78
		QPSK	1/inner left	25.50	-1.6	23.90
		16QAM	1/inner left	24.70	-1.6	23.10
		64QAM	1/inner left	23.14	-1.6	21.54
		256QAM	1/inner left	21.17	-1.6	19.57
40	3470.01	$\pi/2$ BPSK	1/inner left	25.47	-1.6	23.87
		QPSK	1/inner left	25.51	-1.6	23.91
		16QAM	1/Mid	24.52	-1.6	22.92
		64QAM	1/Mid	23.13	-1.6	21.53
		256QAM	1/edge right	21.33	-1.6	19.73
	3500.01	$\pi/2$ BPSK	1/inner left	25.38	-1.6	23.78
		QPSK	1/inner left	25.63	-1.6	24.03
		16QAM	1/inner left	24.58	-1.6	22.98
		64QAM	1/inner left	22.98	-1.6	21.38
		256QAM	1/inner left	21.14	-1.6	19.54
	3530.01	$\pi/2$ BPSK	1/Mid	25.28	-1.6	23.68
		QPSK	1/Mid	25.22	-1.6	23.62
		16QAM	1/Mid	24.49	-1.6	22.89
		64QAM	1/inner left	22.90	-1.6	21.30
		256QAM	1/edge right	20.96	-1.6	19.36

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	25.89	-1.6	24.29
		QPSK	1/inner left	25.75	-1.6	24.15
		16QAM	1/inner left	25.67	-1.6	24.07
		64QAM	1/Inner right	24.53	-1.6	22.93
		256QAM	1/inner left	22.83	-1.6	21.23
	3500.01	$\pi/2$ BPSK	1/inner left	25.89	-1.6	24.29
		QPSK	1/inner left	25.79	-1.6	24.19
		16QAM	1/inner left	25.65	-1.6	24.05
		64QAM	1/inner left	24.62	-1.6	23.02
		256QAM	1/inner left	23.20	-1.6	21.60
	3534.99	$\pi/2$ BPSK	1/inner left	25.17	-1.6	23.57
		QPSK	1/inner left	25.41	-1.6	23.81
		16QAM	1/inner left	24.81	-1.6	23.21
		64QAM	1/inner left	22.87	-1.6	21.27
		256QAM	1/Inner right	21.01	-1.6	19.41
20	3460.02	$\pi/2$ BPSK	1/Mid	25.63	-1.6	24.03
		QPSK	1/Mid	25.80	-1.6	24.20
		16QAM	1/inner left	24.61	-1.6	23.01
		64QAM	1/inner left	23.04	-1.6	21.44
		256QAM	1/edge left	21.05	-1.6	19.45
	3500.01	$\pi/2$ BPSK	1/inner left	25.52	-1.6	23.92
		QPSK	1/inner left	25.51	-1.6	23.91
		16QAM	1/inner left	24.60	-1.6	23.00
		64QAM	1/inner left	23.15	-1.6	21.55
		256QAM	1/edge left	21.21	-1.6	19.61
	3540.00	$\pi/2$ BPSK	1/inner left	25.31	-1.6	23.71
		QPSK	1/Inner right	25.47	-1.6	23.87
		16QAM	1/Inner right	24.35	-1.6	22.75
		64QAM	1/inner left	23.05	-1.6	21.45
		256QAM	1/inner left	20.89	-1.6	19.29
10	3455.01	$\pi/2$ BPSK	1/inner left	25.90	-1.6	24.30
		QPSK	1/Inner right	25.82	-1.6	24.22
		16QAM	1/Mid	24.62	-1.6	23.02
		64QAM	1/Inner right	23.43	-1.6	21.83
		256QAM	1/edge left	21.37	-1.6	19.77
	3500.01	$\pi/2$ BPSK	1/inner left	25.59	-1.6	23.99
		QPSK	1/inner left	25.90	-1.6	24.30
		16QAM	1/inner left	24.77	-1.6	23.17
		64QAM	1/inner left	22.79	-1.6	21.19
		256QAM	1/edge left	21.21	-1.6	19.61
	3545.01	$\pi/2$ BPSK	1/Inner right	25.37	-1.6	23.77
		QPSK	1/Mid	25.00	-1.6	23.40
		16QAM	1/inner left	25.16	-1.6	23.56
		64QAM	1/Inner right	24.33	-1.6	22.73
		256QAM	1/Inner right	22.54	-1.6	20.94

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/Inner right	25.33	-1.6	23.73
		QPSK	1/Inner right	25.40	-1.6	23.80
		16QAM	1/Inner right	24.39	-1.6	22.79
		64QAM	1/inner left	22.88	-1.6	21.28
		256QAM	1/Mid	20.70	-1.6	19.10
90	3745.02	$\pi/2$ BPSK	1/Mid	25.24	-1.6	23.64
		QPSK	1/inner left	25.31	-1.6	23.71
		16QAM	1/Inner right	24.54	-1.6	22.94
		64QAM	1/Mid	22.86	-1.6	21.26
		256QAM	1/Mid	20.93	-1.6	19.33
	3750.00	$\pi/2$ BPSK	1/Inner right	25.29	-1.6	23.69
		QPSK	1/inner left	25.30	-1.6	23.70
		16QAM	1/inner left	24.49	-1.6	22.89
		64QAM	1/Inner right	23.00	-1.6	21.40
		256QAM	1/edge left	20.68	-1.6	19.08
	3754.98	$\pi/2$ BPSK	1/Inner right	25.38	-1.6	23.78
		QPSK	1/Inner right	25.32	-1.6	23.72
		16QAM	1/Inner right	24.44	-1.6	22.84
		64QAM	1/Mid	22.83	-1.6	21.23
		256QAM	1/Inner right	21.14	-1.6	19.54
80	3740.01	$\pi/2$ BPSK	1/Mid	25.33	-1.6	23.73
		QPSK	1/Inner right	25.28	-1.6	23.68
		16QAM	1/inner left	24.45	-1.6	22.85
		64QAM	1/Inner right	23.06	-1.6	21.46
		256QAM	1/edge left	20.95	-1.6	19.35
	3750.00	$\pi/2$ BPSK	1/inner left	25.31	-1.6	23.71
		QPSK	1/Inner right	25.25	-1.6	23.65
		16QAM	1/Inner right	24.44	-1.6	22.84
		64QAM	1/Inner right	22.94	-1.6	21.34
		256QAM	1/Mid	21.13	-1.6	19.53
	3759.99	$\pi/2$ BPSK	1/Inner right	25.40	-1.6	23.80
		QPSK	1/Inner right	25.24	-1.6	23.64
		16QAM	1/Inner right	24.31	-1.6	22.71
		64QAM	1/Inner right	22.81	-1.6	21.21
		256QAM	1/inner left	20.75	-1.6	19.15
70	3735.00	$\pi/2$ BPSK	1/Mid	25.24	-1.6	23.64
		QPSK	1/Mid	25.24	-1.6	23.64
		16QAM	1/Inner right	24.31	-1.6	22.71
		64QAM	1/Mid	22.72	-1.6	21.12
		256QAM	1/Mid	20.91	-1.6	19.31
	3750.00	$\pi/2$ BPSK	1/Mid	25.15	-1.6	23.55
		QPSK	1/Mid	25.21	-1.6	23.61
		16QAM	1/Inner right	24.16	-1.6	22.56
		64QAM	1/Inner right	22.98	-1.6	21.38
		256QAM	1/Mid	21.09	-1.6	19.49
	3765.00	$\pi/2$ BPSK	1/inner left	25.34	-1.6	23.74
		QPSK	1/inner left	25.22	-1.6	23.62
		16QAM	1/inner left	24.32	-1.6	22.72
		64QAM	1/Inner right	22.69	-1.6	21.09
		256QAM	1/inner left	20.98	-1.6	19.38

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/inner left	25.28	-1.6	23.68
		QPSK	1/Mid	25.25	-1.6	23.65
		16QAM	1/Mid	24.35	-1.6	22.75
		64QAM	1/Mid	22.93	-1.6	21.33
		256QAM	1/Mid	20.74	-1.6	19.14
	3750.00	$\pi/2$ BPSK	1/inner left	25.26	-1.6	23.66
		QPSK	1/inner left	25.26	-1.6	23.66
		16QAM	1/inner left	24.40	-1.6	22.80
		64QAM	1/Inner right	22.95	-1.6	21.35
		256QAM	1/edge left	21.05	-1.6	19.45
	3769.98	$\pi/2$ BPSK	1/inner left	25.19	-1.6	23.59
		QPSK	1/inner left	25.19	-1.6	23.59
		16QAM	1/inner left	24.14	-1.6	22.54
		64QAM	1/Inner right	22.64	-1.6	21.04
		256QAM	1/edge left	20.88	-1.6	19.28
50	3725.01	$\pi/2$ BPSK	1/inner left	25.38	-1.6	23.78
		QPSK	1/inner left	25.37	-1.6	23.77
		16QAM	1/inner left	24.43	-1.6	22.83
		64QAM	1/Mid	23.13	-1.6	21.53
		256QAM	1/Mid	20.88	-1.6	19.28
	3750.00	$\pi/2$ BPSK	1/inner left	25.37	-1.6	23.77
		QPSK	1/inner left	25.45	-1.6	23.85
		16QAM	1/Inner right	24.51	-1.6	22.91
		64QAM	1/Mid	22.94	-1.6	21.34
		256QAM	1/inner left	21.04	-1.6	19.44
	3774.99	$\pi/2$ BPSK	1/Inner right	25.34	-1.6	23.74
		QPSK	1/inner left	25.35	-1.6	23.75
		16QAM	1/inner left	24.42	-1.6	22.82
		64QAM	1/Mid	22.91	-1.6	21.31
		256QAM	1/edge right	20.85	-1.6	19.25
40	3720.00	$\pi/2$ BPSK	1/Inner right	25.41	-1.6	23.81
		QPSK	1/Mid	25.47	-1.6	23.87
		16QAM	1/inner left	24.39	-1.6	22.79
		64QAM	1/Mid	22.98	-1.6	21.38
		256QAM	1/edge right	20.91	-1.6	19.31
	3750.00	$\pi/2$ BPSK	1/inner left	25.17	-1.6	23.57
		QPSK	1/inner left	25.47	-1.6	23.87
		16QAM	1/inner left	24.36	-1.6	22.76
		64QAM	1/inner left	22.97	-1.6	21.37
		256QAM	1/inner left	20.78	-1.6	19.18
	3780.00	$\pi/2$ BPSK	1/Inner right	25.27	-1.6	23.67
		QPSK	1/Mid	25.23	-1.6	23.63
		16QAM	1/inner left	24.24	-1.6	22.64
		64QAM	1/inner left	22.56	-1.6	20.96
		256QAM	1/Inner right	20.73	-1.6	19.13

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/Inner right	25.43	-1.6	23.83
		QPSK	1/Inner right	25.54	-1.6	23.94
		16QAM	1/Mid	24.64	-1.6	23.04
		64QAM	1/Inner right	22.88	-1.6	21.28
		256QAM	1/Mid	20.91	-1.6	19.31
	3750.00	$\pi/2$ BPSK	1/inner left	25.31	-1.6	23.71
		QPSK	1/Mid	25.26	-1.6	23.66
		16QAM	1/Mid	24.32	-1.6	22.72
		64QAM	1/Inner right	22.95	-1.6	21.35
		256QAM	1/Mid	21.00	-1.6	19.40
	3785.01	$\pi/2$ BPSK	1/Inner right	25.26	-1.6	23.66
		QPSK	1/Inner right	25.28	-1.6	23.68
		16QAM	1/Mid	24.33	-1.6	22.73
		64QAM	1/inner left	22.51	-1.6	20.91
		256QAM	1/edge right	21.00	-1.6	19.40
20	3710.01	$\pi/2$ BPSK	1/Mid	25.35	-1.6	23.75
		QPSK	1/inner left	25.51	-1.6	23.91
		16QAM	1/Inner right	24.46	-1.6	22.86
		64QAM	1/inner left	23.16	-1.6	21.56
		256QAM	1/edge right	20.95	-1.6	19.35
	3750	$\pi/2$ BPSK	1/Mid	25.21	-1.6	23.61
		QPSK	1/inner left	25.30	-1.6	23.70
		16QAM	1/inner left	24.14	-1.6	22.54
		64QAM	1/Mid	22.57	-1.6	20.97
		256QAM	1/edge left	20.92	-1.6	19.32
	3789.99	$\pi/2$ BPSK	1/Mid	25.20	-1.6	23.60
		QPSK	1/Mid	24.91	-1.6	23.31
		16QAM	1/Inner right	24.19	-1.6	22.59
		64QAM	1/Inner right	22.91	-1.6	21.31
		256QAM	1/Inner right	20.75	-1.6	19.15
10	3705.00	$\pi/2$ BPSK	1/Inner right	25.33	-1.6	23.73
		QPSK	1/Mid	25.40	-1.6	23.80
		16QAM	1/inner left	24.37	-1.6	22.77
		64QAM	1/Inner right	22.75	-1.6	21.15
		256QAM	1/Inner right	21.02	-1.6	19.42
	3750.00	$\pi/2$ BPSK	1/Mid	25.27	-1.6	23.67
		QPSK	1/inner left	25.33	-1.6	23.73
		16QAM	1/inner left	24.19	-1.6	22.59
		64QAM	1/Mid	22.88	-1.6	21.28
		256QAM	1/inner left	20.90	-1.6	19.30
	3795.00	$\pi/2$ BPSK	1/Mid	25.42	-1.6	23.82
		QPSK	1/Inner right	25.31	-1.6	23.71
		16QAM	1/Mid	24.22	-1.6	22.62
		64QAM	1/Inner right	22.78	-1.6	21.18
		256QAM	1/Mid	20.96	-1.6	19.36

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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/inner left	25.77	-1.6	24.17
		QPSK	1/inner left	25.97	-1.6	24.37
		16QAM	1/inner left	25.01	-1.6	23.41
		64QAM	1/inner left	23.49	-1.6	21.89
		256QAM	1/inner left	21.45	-1.6	19.85
90	3495.00	$\pi/2$ BPSK	1/inner left	25.74	-1.6	24.14
		QPSK	1/inner left	25.74	-1.6	24.14
		16QAM	1/inner left	24.77	-1.6	23.17
		64QAM	1/inner left	23.30	-1.6	21.70
		256QAM	1/inner left	21.53	-1.6	19.93
	3500.01	$\pi/2$ BPSK	1/inner left	25.83	-1.6	24.23
		QPSK	1/inner left	25.69	-1.6	24.09
		16QAM	1/inner left	24.59	-1.6	22.99
		64QAM	1/inner left	23.26	-1.6	21.66
		256QAM	1/edge left	21.14	-1.6	19.54
	3504.99	$\pi/2$ BPSK	1/inner left	25.80	-1.6	24.20
		QPSK	1/inner left	25.70	-1.6	24.10
		16QAM	1/inner left	24.91	-1.6	23.31
		64QAM	1/inner left	23.61	-1.6	22.01
		256QAM	1/edge left	21.67	-1.6	20.07
80	3490.02	$\pi/2$ BPSK	1/inner left	25.72	-1.6	24.12
		QPSK	1/inner left	25.73	-1.6	24.13
		16QAM	1/inner left	24.96	-1.6	23.36
		64QAM	1/inner left	23.46	-1.6	21.86
		256QAM	1/inner left	21.35	-1.6	19.75
	3500.01	$\pi/2$ BPSK	1/inner left	25.77	-1.6	24.17
		QPSK	1/inner left	25.84	-1.6	24.24
		16QAM	1/inner left	24.79	-1.6	23.19
		64QAM	1/inner left	22.87	-1.6	21.27
		256QAM	1/inner left	21.58	-1.6	19.98
	3510.00	$\pi/2$ BPSK	1/inner left	25.69	-1.6	24.09
		QPSK	1/inner left	25.71	-1.6	24.11
		16QAM	1/inner left	24.62	-1.6	23.02
		64QAM	1/inner left	23.22	-1.6	21.62
		256QAM	1/inner left	21.38	-1.6	19.78
70	3485.01	$\pi/2$ BPSK	1/inner left	25.77	-1.6	24.17
		QPSK	1/inner left	25.79	-1.6	24.19
		16QAM	1/inner left	25.58	-1.6	23.98
		64QAM	1/inner left	24.93	-1.6	23.33
		256QAM	1/inner left	23.33	-1.6	21.73
	3500.01	$\pi/2$ BPSK	1/inner left	25.64	-1.6	24.04
		QPSK	1/inner left	25.72	-1.6	24.12
		16QAM	1/inner left	24.54	-1.6	22.94
		64QAM	1/inner left	23.21	-1.6	21.61
		256QAM	1/inner left	21.18	-1.6	19.58
	3515.01	$\pi/2$ BPSK	1/inner left	25.76	-1.6	24.16
		QPSK	1/inner left	25.64	-1.6	24.04
		16QAM	1/inner left	24.79	-1.6	23.19
		64QAM	1/inner left	23.37	-1.6	21.77
		256QAM	1/inner left	21.26	-1.6	19.66

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 left	25.69	-1.6	24.09
		QPSK	1/inner left	25.68	-1.6	24.08
		16QAM	1/inner left	24.74	-1.6	23.14
		64QAM	1/inner left	23.16	-1.6	21.56
		256QAM	1/inner left	21.02	-1.6	19.42
	3500.01	$\pi/2$ BPSK	1/inner left	25.82	-1.6	24.22
		QPSK	1/inner left	25.67	-1.6	24.07
		16QAM	1/inner left	24.64	-1.6	23.04
		64QAM	1/inner left	22.61	-1.6	21.01
		256QAM	1/inner left	21.38	-1.6	19.78
	3519.99	$\pi/2$ BPSK	1/inner left	25.48	-1.6	23.88
		QPSK	1/inner left	25.52	-1.6	23.92
		16QAM	1/inner left	25.47	-1.6	23.87
		64QAM	1/inner left	24.26	-1.6	22.66
		256QAM	1/inner left	23.11	-1.6	21.51
50	3475.02	$\pi/2$ BPSK	1/inner left	25.78	-1.6	24.18
		QPSK	1/Mid	25.81	-1.6	24.21
		16QAM	1/Mid	24.93	-1.6	23.33
		64QAM	1/Mid	23.31	-1.6	21.71
		256QAM	1/edge left	21.69	-1.6	20.09
	3500.01	$\pi/2$ BPSK	1/inner left	25.76	-1.6	24.16
		QPSK	1/inner left	25.77	-1.6	24.17
		16QAM	1/inner left	24.63	-1.6	23.03
		64QAM	1/inner left	23.39	-1.6	21.79
		256QAM	1/edge left	21.31	-1.6	19.71
	3525.00	$\pi/2$ BPSK	1/inner left	25.66	-1.6	24.06
		QPSK	1/inner left	25.56	-1.6	23.96
		16QAM	1/inner left	24.64	-1.6	23.04
		64QAM	1/inner left	23.45	-1.6	21.85
		256QAM	1/inner left	21.38	-1.6	19.78
40	3470.01	$\pi/2$ BPSK	1/inner left	25.79	-1.6	24.19
		QPSK	1/inner left	25.66	-1.6	24.06
		16QAM	1/inner left	24.74	-1.6	23.14
		64QAM	1/inner left	23.13	-1.6	21.53
		256QAM	1/Mid	21.26	-1.6	19.66
	3500.01	$\pi/2$ BPSK	1/inner left	25.68	-1.6	24.08
		QPSK	1/inner left	25.72	-1.6	24.12
		16QAM	1/inner left	24.79	-1.6	23.19
		64QAM	1/inner left	22.78	-1.6	21.18
		256QAM	1/inner left	21.46	-1.6	19.86
	3529.98	$\pi/2$ BPSK	1/inner right	25.06	-1.6	23.46
		QPSK	1/inner left	25.15	-1.6	23.55
		16QAM	1/inner left	24.17	-1.6	22.57
		64QAM	1/inner left	22.71	-1.6	21.11
		256QAM	1/Mid	20.94	-1.6	19.34

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	25.87	-1.6	24.27
		QPSK	1/inner left	25.92	-1.6	24.32
		16QAM	1/inner left	24.78	-1.6	23.18
		64QAM	1/Mid	23.07	-1.6	21.47
		256QAM	1/Mid	21.42	-1.6	19.82
	3500.01	$\pi/2$ BPSK	1/inner left	25.58	-1.6	23.98
		QPSK	1/inner left	25.79	-1.6	24.19
		16QAM	1/inner left	25.74	-1.6	24.14
		64QAM	1/inner left	24.87	-1.6	23.27
		256QAM	1/Mid	23.03	-1.6	21.43
	3534.99	$\pi/2$ BPSK	1/inner left	25.32	-1.6	23.72
		QPSK	1/inner left	25.46	-1.6	23.86
		16QAM	1/inner left	24.60	-1.6	23.00
		64QAM	1/Mid	23.14	-1.6	21.54
		256QAM	1/Mid	21.03	-1.6	19.43
20	3460.01	$\pi/2$ BPSK	1/inner left	25.77	-1.6	24.17
		QPSK	1/Mid	25.58	-1.6	23.98
		16QAM	1/inner left	24.57	-1.6	22.97
		64QAM	1/inner left	23.50	-1.6	21.90
		256QAM	1/inner left	21.07	-1.6	19.47
	3500.01	$\pi/2$ BPSK	1/inner left	25.51	-1.6	23.91
		QPSK	1/inner left	25.48	-1.6	23.88
		16QAM	1/inner left	24.57	-1.6	22.97
		64QAM	1/inner left	22.64	-1.6	21.04
		256QAM	1/edge left	21.30	-1.6	19.70
	3540.00	$\pi/2$ BPSK	1/Inner right	25.17	-1.6	23.57
		QPSK	1/Mid	25.08	-1.6	23.48
		16QAM	1/Inner right	24.34	-1.6	22.74
		64QAM	1/Inner right	22.70	-1.6	21.10
		256QAM	1/edge right	20.77	-1.6	19.17
10	3455.01	$\pi/2$ BPSK	1/inner left	25.93	-1.6	24.33
		QPSK	1/Mid	25.75	-1.6	24.15
		16QAM	1/Inner right	24.57	-1.6	22.97
		64QAM	1/Inner right	23.42	-1.6	21.82
		256QAM	1/inner left	21.13	-1.6	19.53
	3500.01	$\pi/2$ BPSK	1/inner left	25.67	-1.6	24.07
		QPSK	1/inner left	25.56	-1.6	23.96
		16QAM	1/Mid	24.65	-1.6	23.05
		64QAM	1/inner left	22.58	-1.6	20.98
		256QAM	1/Mid	21.38	-1.6	19.78
	3545.01	$\pi/2$ BPSK	1/Inner right	25.37	-1.6	23.77
		QPSK	1/Mid	25.08	-1.6	23.48
		16QAM	1/Inner right	24.41	-1.6	22.81
		64QAM	1/inner left	22.77	-1.6	21.17
		256QAM	1/Inner right	20.95	-1.6	19.35

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/inner left	25.53	-1.6	23.93
		QPSK	1/Inner right	25.56	-1.6	23.96
		16QAM	1/inner left	25.63	-1.6	24.03
		64QAM	1/Inner right	24.42	-1.6	22.82
		256QAM	1/Inner right	23.13	-1.6	21.53
	3840.00	$\pi/2$ BPSK	1/inner left	25.46	-1.6	23.86
		QPSK	1/inner left	25.36	-1.6	23.76
		16QAM	1/inner left	24.44	-1.6	22.84
		64QAM	1/inner left	23.17	-1.6	21.57
		256QAM	1/inner left	21.10	-1.6	19.50
	3930.00	$\pi/2$ BPSK	1/Inner right	25.40	-1.6	23.80
		QPSK	1/Inner right	25.55	-1.6	23.95
		16QAM	1/Inner right	24.60	-1.6	23.00
		64QAM	1/Inner right	22.94	-1.6	21.34
		256QAM	1/edge right	20.98	-1.6	19.38
90	3745.02	$\pi/2$ BPSK	1/Inner right	25.47	-1.6	23.87
		QPSK	1/inner left	25.44	-1.6	23.84
		16QAM	1/inner left	24.44	-1.6	22.84
		64QAM	1/Mid	22.44	-1.6	20.84
		256QAM	1/edge left	20.98	-1.6	19.38
	3840.00	$\pi/2$ BPSK	1/Mid	25.25	-1.6	23.65
		QPSK	1/Mid	25.18	-1.6	23.58
		16QAM	1/Inner right	24.19	-1.6	22.59
		64QAM	1/Mid	22.71	-1.6	21.11
		256QAM	1/Mid	20.93	-1.6	19.33
	3934.98	$\pi/2$ BPSK	1/Inner right	25.42	-1.6	23.82
		QPSK	1/Inner right	25.40	-1.6	23.80
		16QAM	1/Inner right	24.45	-1.6	22.85
		64QAM	1/Inner right	23.48	-1.6	21.88
		256QAM	1/Inner right	20.93	-1.6	19.33
80	3740.01	$\pi/2$ BPSK	1/inner left	25.42	-1.6	23.82
		QPSK	1/inner left	25.41	-1.6	23.81
		16QAM	1/inner left	24.32	-1.6	22.72
		64QAM	1/Inner right	22.96	-1.6	21.36
		256QAM	1/edge left	20.85	-1.6	19.25
	3840.00	$\pi/2$ BPSK	1/Inner right	25.43	-1.6	23.83
		QPSK	1/Inner right	25.37	-1.6	23.77
		16QAM	1/inner left	24.42	-1.6	22.82
		64QAM	1/Inner right	23.18	-1.6	21.58
		256QAM	1/Mid	21.04	-1.6	19.44
	3939.99	$\pi/2$ BPSK	1/Inner right	25.60	-1.6	24.00
		QPSK	1/Inner right	25.59	-1.6	23.99
		16QAM	1/Inner right	25.65	-1.6	24.05
		64QAM	1/Inner right	24.73	-1.6	23.13
		256QAM	1/Inner right	23.35	-1.6	21.75

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	25.54	-1.6	23.94
		QPSK	1/Mid	25.53	-1.6	23.93
		16QAM	1/Mid	24.50	-1.6	22.90
		64QAM	1/Mid	22.51	-1.6	20.91
		256QAM	1/inner left	21.13	-1.6	19.53
	3840.00	$\pi/2$ BPSK	1/Inner right	25.26	-1.6	23.66
		QPSK	1/Inner right	25.32	-1.6	23.72
		16QAM	1/Inner right	24.17	-1.6	22.57
		64QAM	1/Inner right	22.98	-1.6	21.38
		256QAM	1/edge right	21.07	-1.6	19.47
	3945.00	$\pi/2$ BPSK	1/Inner right	25.56	-1.6	23.96
		QPSK	1/Inner right	25.43	-1.6	23.83
		16QAM	1/Inner right	24.48	-1.6	22.88
		64QAM	1/Inner right	23.39	-1.6	21.79
		256QAM	1/Inner right	20.94	-1.6	19.34
60	3730.02	$\pi/2$ BPSK	1/Mid	25.45	-1.6	23.85
		QPSK	1/inner left	25.35	-1.6	23.75
		16QAM	1/Mid	24.29	-1.6	22.69
		64QAM	1/Mid	22.90	-1.6	21.30
		256QAM	1/Mid	20.72	-1.6	19.12
	3840.00	$\pi/2$ BPSK	1/Inner right	25.31	-1.6	23.71
		QPSK	1/inner left	25.30	-1.6	23.70
		16QAM	1/Mid	24.31	-1.6	22.71
		64QAM	1/Mid	23.07	-1.6	21.47
		256QAM	1/Inner right	20.86	-1.6	19.26
	3949.98	$\pi/2$ BPSK	1/Inner right	25.51	-1.6	23.91
		QPSK	1/Inner right	25.48	-1.6	23.88
		16QAM	1/Inner right	24.56	-1.6	22.96
		64QAM	1/Inner right	23.03	-1.6	21.43
		256QAM	1/Inner right	20.89	-1.6	19.29
50	3725.01	$\pi/2$ BPSK	1/Inner right	25.63	-1.6	24.03
		QPSK	1/Mid	25.67	-1.6	24.07
		16QAM	1/Mid	24.72	-1.6	23.12
		64QAM	1/Mid	22.77	-1.6	21.17
		256QAM	1/edge right	21.21	-1.6	19.61
	3840.00	$\pi/2$ BPSK	1/inner left	25.50	-1.6	23.90
		QPSK	1/Mid	25.48	-1.6	23.88
		16QAM	1/Inner right	24.37	-1.6	22.77
		64QAM	1/Mid	23.09	-1.6	21.49
		256QAM	1/edge right	21.28	-1.6	19.68
	3954.99	$\pi/2$ BPSK	1/Inner right	25.69	-1.6	24.09
		QPSK	1/Inner right	25.68	-1.6	24.08
		16QAM	1/Inner right	24.58	-1.6	22.98
		64QAM	1/Inner right	23.62	-1.6	22.02
		256QAM	1/Inner right	21.22	-1.6	19.62

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	25.49	-1.6	23.89
		QPSK	1/Inner right	25.47	-1.6	23.87
		16QAM	1/Mid	24.40	-1.6	22.80
		64QAM	1/Inner right	23.04	-1.6	21.44
		256QAM	1/edge right	20.76	-1.6	19.16
	3840.00	$\pi/2$ BPSK	1/Mid	25.40	-1.6	23.80
		QPSK	1/inner left	25.32	-1.6	23.72
		16QAM	1/Inner right	24.42	-1.6	22.82
		64QAM	1/Inner right	23.24	-1.6	21.64
		256QAM	1/edge right	21.03	-1.6	19.43
	3960.00	$\pi/2$ BPSK	1/Mid	25.39	-1.6	23.79
		QPSK	1/Inner right	25.53	-1.6	23.93
		16QAM	1/Inner right	24.62	-1.6	23.02
		64QAM	1/Inner right	23.10	-1.6	21.50
		256QAM	1/Inner right	21.16	-1.6	19.56
30	3715.02	$\pi/2$ BPSK	1/Inner right	25.56	-1.6	23.96
		QPSK	1/Mid	25.65	-1.6	24.05
		16QAM	1/Inner right	24.66	-1.6	23.06
		64QAM	1/Mid	22.55	-1.6	20.95
		256QAM	1/Inner right	21.23	-1.6	19.63
	3840.00	$\pi/2$ BPSK	1/Mid	25.40	-1.6	23.80
		QPSK	1/inner left	25.57	-1.6	23.97
		16QAM	1/Mid	24.25	-1.6	22.65
		64QAM	1/inner left	22.77	-1.6	21.17
		256QAM	1/inner left	21.02	-1.6	19.42
	3964.98	$\pi/2$ BPSK	1/inner left	25.62	-1.6	24.02
		QPSK	1/Inner right	25.72	-1.6	24.12
		16QAM	1/Inner right	24.57	-1.6	22.97
		64QAM	1/inner left	23.19	-1.6	21.59
		256QAM	1/Inner right	20.99	-1.6	19.39

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	25.63	-1.6	24.03
		QPSK	1/Inner right	25.75	-1.6	24.15
		16QAM	1/Inner right	24.81	-1.6	23.21
		64QAM	1/Inner right	22.68	-1.6	21.08
		256QAM	1/Inner right	21.43	-1.6	19.83
	3840.00	$\pi/2$ BPSK	1/Mid	25.48	-1.6	23.88
		QPSK	1/Mid	25.50	-1.6	23.90
		16QAM	1/Inner right	24.37	-1.6	22.77
		64QAM	1/inner left	22.93	-1.6	21.33
		256QAM	1/inner left	21.15	-1.6	19.55
	3969.99	$\pi/2$ BPSK	1/Inner right	25.65	-1.6	24.05
		QPSK	1/Inner right	25.79	-1.6	24.19
		16QAM	1/Inner right	24.74	-1.6	23.14
		64QAM	1/Inner right	23.31	-1.6	21.71
		256QAM	1/Inner right	21.09	-1.6	19.49
10	3705.00	$\pi/2$ BPSK	1/Mid	25.81	-1.6	24.21
		QPSK	1/Inner right	25.80	-1.6	24.20
		16QAM	1/Inner right	24.78	-1.6	23.18
		64QAM	1/Inner right	22.65	-1.6	21.05
		256QAM	1/Inner right	21.54	-1.6	19.94
	3840.00	$\pi/2$ BPSK	1/Mid	25.46	-1.6	23.86
		QPSK	1/Mid	25.38	-1.6	23.78
		16QAM	1/Inner right	24.35	-1.6	22.75
		64QAM	1/inner left	22.99	-1.6	21.39
		256QAM	1/Inner right	21.14	-1.6	19.54
	3975.00	$\pi/2$ BPSK	1/Inner right	25.82	-1.6	24.22
		QPSK	1/Inner right	25.62	-1.6	24.02
		16QAM	1/Inner right	24.63	-1.6	23.03
		64QAM	1/inner left	23.38	-1.6	21.78
		256QAM	1/Inner right	21.11	-1.6	19.51

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	1327.53	H	-57.01	1.87	-55.14	-13.00	42.14
				1991.17	V	-39.30	2.35	-36.95	-13.00	23.95
				2654.92	V	-62.36	4.00	-58.36	-13.00	45.36
				3318.59	V	-65.21	5.73	-59.48	-13.00	46.48
	680.5	QPSK	1/1	1342.52	H	-55.42	2.17	-53.25	-13.00	40.25
				2013.57	V	-46.82	2.46	-44.36	-13.00	31.36
				2684.98	V	-63.10	4.17	-58.93	-13.00	45.93
				3356.10	V	-65.51	5.83	-59.68	-13.00	46.68
	688	QPSK	1/1	1357.45	H	-57.09	2.39	-54.70	-13.00	41.70
				2036.03	V	-46.95	2.54	-44.41	-13.00	31.41
				2714.67	V	-63.54	4.32	-59.22	-13.00	46.22
				3393.56	V	-65.86	6.04	-59.82	-13.00	46.82

- 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	1399.37	V	-51.71	2.75	-48.96	-13.00	35.96
				2098.85	V	-52.47	3.21	-49.26	-13.00	36.26
				2798.87	V	-64.44	4.76	-59.68	-13.00	46.68
				3498.65	V	-67.16	6.19	-60.97	-13.00	47.97
	707.5	QPSK	1/1	1401.42	V	-52.37	2.78	-49.59	-13.00	36.59
				2101.80	V	-55.32	3.22	-52.10	-13.00	39.10
				2802.70	V	-64.51	4.78	-59.73	-13.00	46.73
				3503.72	V	-66.96	6.20	-60.76	-13.00	47.76
	708.5	QPSK	1/1	1403.26	V	-51.27	2.80	-48.47	-13.00	35.47
				2104.97	V	-56.97	3.22	-53.75	-13.00	40.75
				2806.72	V	-64.36	4.80	-59.56	-13.00	46.56
				3508.33	V	-66.79	6.20	-60.59	-13.00	47.59

- 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	1555.11	V	-52.13	3.68	-48.45	-13.00	35.45
				2332.78	V	-50.69	3.93	-46.76	-13.00	33.76
				3110.49	V	-63.97	5.07	-58.90	-13.00	45.90
				3888.27	V	-65.70	6.60	-59.10	-13.00	46.10

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	1564.18	V	-57.66	6.04	-51.62	-40.00	11.62
5	779.5	QPSK	1/12	1559.03	V	-56.42	6.02	-50.40	-40.00	10.40

- 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	2365.65	V	-49.35	3.93	-45.42	-13.00	32.42
				3153.97	V	-64.46	5.10	-59.36	-13.00	46.36
				3942.84	V	-66.69	6.81	-59.88	-13.00	46.88
				4730.87	V	-66.21	7.35	-58.86	-13.00	45.86

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	1577.11	V	-62.34	6.09	-56.25	-40.00	16.25
5	795.5	QPSK	1/1	1587.06	V	-54.98	6.13	-48.85	-40.00	8.85

- 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	1629.17	V	-52.15	3.75	-48.40	-13.00	35.40
				2443.76	V	-52.10	3.91	-48.19	-13.00	35.19
				3258.60	V	-65.18	5.51	-59.67	-13.00	46.67
				4073.23	V	-66.02	7.09	-58.93	-13.00	45.93

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	1649.36	V	-52.87	3.72	-49.15	-13.00	36.15
				2474.07	V	-54.67	3.83	-50.84	-13.00	37.84
				3298.72	V	-65.05	5.68	-59.37	-13.00	46.37
				4123.43	V	-66.76	7.11	-59.65	-13.00	46.65
	836.5	QPSK	1/1	1659.33	V	-53.26	3.74	-49.52	-13.00	36.52
				2488.98	V	-56.55	3.78	-52.77	-13.00	39.77
				3318.84	V	-65.29	5.73	-59.56	-13.00	46.56
				4148.23	V	-66.50	7.09	-59.41	-13.00	46.41
	841.5	QPSK	1/1	1669.24	V	-50.39	3.77	-46.62	-13.00	33.62
				2503.89	V	-51.44	3.74	-47.70	-13.00	34.70
				3338.68	V	-65.14	5.78	-59.36	-13.00	46.36
				4173.00	V	-66.61	7.09	-59.52	-13.00	46.52

- 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	1649.50	V	-52.97	3.72	-49.25	-13.00	36.25
				2474.22	V	-54.01	3.83	-50.18	-13.00	37.18
				3298.84	V	-65.91	5.68	-60.23	-13.00	47.23
				4123.22	V	-67.67	7.11	-60.56	-13.00	47.56
	836.5	QPSK	1/1	1654.41	V	-52.74	3.73	-49.01	-13.00	36.01
				2481.63	V	-56.58	3.80	-52.78	-13.00	39.78
				3308.86	V	-66.10	5.71	-60.39	-13.00	47.39
				4136.47	V	-67.54	7.10	-60.44	-13.00	47.44
	839	QPSK	1/1	1659.51	V	-53.12	3.74	-49.38	-13.00	36.38
				2489.07	V	-57.62	3.78	-53.84	-13.00	40.84
				3318.75	V	-66.21	5.73	-60.48	-13.00	47.48
				4148.51	V	-67.53	7.09	-60.44	-13.00	47.44

- 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	3421.77	V	-58.77	8.30	-50.47	-13.00	37.47
				5132.63	V	-51.82	10.25	-41.57	-13.00	28.57
				6842.71	V	-65.44	11.29	-54.15	-13.00	41.15
				8553.74	V	-65.07	13.07	-52.00	-13.00	39.00
	1745	QPSK	1/1	3451.59	V	-58.57	8.40	-50.17	-13.00	37.17
				5177.47	V	-52.16	10.25	-41.91	-13.00	28.91
				6902.88	V	-65.44	11.30	-54.14	-13.00	41.14
				8628.41	V	-65.10	13.04	-52.06	-13.00	39.06
	1760	QPSK	1/1	3481.66	V	-62.48	8.36	-54.12	-13.00	41.12
				5222.42	V	-52.48	10.26	-42.22	-13.00	29.22
				6963.02	V	-65.11	11.38	-53.73	-13.00	40.73
				8703.95	V	-64.84	12.96	-51.88	-13.00	38.88

- 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	3701.51	V	-58.80	8.32	-50.48	-13.00	37.48
				5552.10	V	-50.89	10.59	-40.30	-13.00	27.30
				7402.70	V	-65.77	11.98	-53.79	-13.00	40.79
				9253.69	V	-65.52	13.21	-52.31	-13.00	39.31
	1880	QPSK	1/1	3741.45	V	-61.97	8.34	-53.63	-13.00	40.63
				5612.21	V	-53.55	10.72	-42.83	-13.00	29.83
				7482.77	V	-65.89	12.02	-53.87	-13.00	40.87
				9353.56	V	-65.89	13.21	-52.68	-13.00	39.68
	1900	QPSK	1/1	3781.38	V	-57.35	8.37	-48.98	-13.00	35.98
				5672.13	V	-55.76	10.77	-44.99	-13.00	31.99
				7563.06	V	-65.85	12.03	-53.82	-13.00	40.82
				9453.77	V	-65.56	13.22	-52.34	-13.00	39.34

- 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	3701.51	V	-57.82	8.32	-49.50	-13.00	36.50
				5552.22	V	-51.24	10.59	-40.65	-13.00	27.65
				7403.01	V	-64.98	11.98	-53.00	-13.00	40.00
				9253.17	V	-64.29	13.21	-51.08	-13.00	38.08
	1882.5	QPSK	1/1	3746.36	V	-58.97	8.34	-50.63	-13.00	37.63
				5619.70	V	-53.25	10.73	-42.52	-13.00	29.52
				7492.69	V	-65.07	12.03	-53.04	-13.00	40.04
				9365.50	V	-64.39	13.22	-51.17	-13.00	38.17
	1905	QPSK	1/1	3791.44	V	-57.37	8.37	-49.00	-13.00	36.00
				5687.27	V	-54.76	10.77	-43.99	-13.00	30.99
				7582.89	V	-64.90	12.02	-52.88	-13.00	39.88
				9478.40	V	-64.26	13.22	-51.04	-13.00	38.04

- 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	4994.75	V	-55.67	10.02	-45.65	-25.00	20.65
				7492.22	V	-59.38	12.03	-47.35	-25.00	22.35
				9990.03	V	-57.87	13.07	-44.80	-25.00	19.80
				12487.10	V	-55.43	13.08	-42.35	-25.00	17.35
	2592.99	QPSK	1/1	5088.77	V	-59.09	10.18	-48.91	-25.00	23.91
				7632.93	V	-58.91	12.05	-46.86	-25.00	21.86
				10177.32	V	-57.88	13.12	-44.76	-25.00	19.76
				12721.96	V	-55.44	13.04	-42.40	-25.00	17.40
	2640	QPSK	1/1	5182.66	V	-59.62	10.25	-49.37	-25.00	24.37
				7774.06	V	-59.70	12.14	-47.56	-25.00	22.56
				10365.83	V	-57.48	13.12	-44.36	-25.00	19.36
				12957.23	V	-54.85	13.04	-41.81	-25.00	16.81

- 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	5001.48	V	-59.87	10.04	-49.83	-25.00	24.83
				7502.27	V	-64.47	12.03	-52.44	-25.00	27.44
				10003.30	V	-63.26	13.07	-50.19	-25.00	25.19
				12503.54	V	-60.59	13.08	-47.51	-25.00	22.51
	2535	QPSK	1/1	5051.54	V	-60.33	10.11	-50.22	-25.00	25.22
				7577.45	V	-64.61	12.02	-52.59	-25.00	27.59
				10103.31	V	-63.16	13.06	-50.10	-25.00	25.10
				12628.26	V	-61.30	13.11	-48.19	-25.00	23.19
	2560	QPSK	1/1	5101.47	V	-61.95	10.20	-51.75	-25.00	26.75
				7652.09	V	-64.92	12.07	-52.85	-25.00	27.85
				10202.62	V	-63.37	13.14	-50.23	-25.00	25.23
				12753.43	V	-60.80	13.04	-47.76	-25.00	22.76

- 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	5142.81	V	-58.46	10.26	-48.20	-25.00	23.20
				7714.36	V	-59.16	12.08	-47.08	-25.00	22.08
				10285.78	V	-57.17	13.11	-44.06	-25.00	19.06
				12857.14	V	-55.10	12.97	-42.13	-25.00	17.13
	2595	QPSK	1/1	5152.91	V	-59.61	10.27	-49.34	-25.00	24.34
				7729.63	V	-59.27	12.10	-47.17	-25.00	22.17
				10305.81	V	-57.07	13.11	-43.96	-25.00	18.96
				12882.18	V	-54.75	12.99	-41.76	-25.00	16.76
	2600	QPSK	1/1	5162.92	V	-59.06	10.26	-48.80	-25.00	23.80
				7744.31	V	-58.60	12.13	-46.47	-25.00	21.47
				10325.58	V	-57.14	13.11	-44.03	-25.00	19.03
				12907.27	V	-55.25	13.01	-42.24	-25.00	17.24

- 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	6902.86	V	-58.13	11.30	-46.83	-13.00	33.83
				10353.90	V	-57.32	13.11	-44.21	-13.00	31.21
				13805.20	V	-55.33	14.13	-41.20	-13.00	28.20
				17256.37	V	-50.14	13.78	-36.36	-13.00	23.36

- 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	7402.63	V	-58.05	11.98	-46.07	-13.00	33.07
				11104.29	V	-56.86	13.28	-43.58	-13.00	30.58
				14805.16	V	-52.58	13.87	-38.71	-13.00	25.71

- 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	6903.00	V	-58.19	11.30	-46.89	-13.00	33.89
				10354.06	V	-56.67	13.11	-43.56	-13.00	30.56
				13805.40	V	-55.28	14.13	-41.15	-13.00	28.15
				17256.95	V	-49.77	13.78	-35.99	-13.00	22.99

- 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	7402.80	V	-37.00	11.98	-25.02	-13.00	12.02
				11104.37	V	-56.64	13.28	-43.36	-13.00	30.36
				14806.09	V	-52.29	13.87	-38.42	-13.00	25.42
	3840	QPSK	1/1	7582.67	V	-33.89	12.02	-21.87	-13.00	8.87
				11374.08	V	-55.86	13.36	-42.50	-13.00	29.50
				15165.12	V	-50.99	13.86	-37.13	-13.00	24.13
	3930	QPSK	1/1	7762.81	V	-32.10	12.14	-19.96	-13.00	6.96
				11643.89	V	-55.80	13.08	-42.72	-13.00	29.72
				15525.45	V	-51.24	13.83	-37.41	-13.00	24.41

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)
2378.26	V	-53.46	6.08	-47.38	-13.00	34.38
4498.09	V	-57.88	9.44	-48.44	-13.00	35.44
5204.68	V	-52.39	10.24	-42.15	-13.00	29.15
7582.72	V	-34.99	12.05	-22.94	-13.00	9.94
11374.20	V	-55.34	13.36	-41.98	-13.00	28.98

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)
2326.21	V	-54.19	6.08	-48.11	-13.00	35.11
4659.08	V	-57.64	9.47	-48.17	-13.00	35.17
5436.48	V	-50.76	10.32	-40.44	-13.00	27.44
7762.87	V	-34.61	12.17	-22.44	-13.00	9.44
11643.80	V	-54.52	13.00	-41.52	-13.00	28.52

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)
2214.31	V	-51.37	5.94	-45.43	-13.00	32.43
4580.01	V	-57.02	9.46	-47.56	-13.00	34.56
5368.66	V	-50.84	10.29	-40.55	-13.00	27.55
7582.79	V	-34.31	12.05	-22.26	-13.00	9.26
11374.44	V	-54.95	13.36	-41.59	-13.00	28.59

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)
2202.31	V	-51.24	5.87	-45.37	-13.00	32.37
4720.91	V	-58.28	9.50	-48.78	-13.00	35.78
5560.65	V	-50.79	10.61	-40.18	-13.00	27.18
7762.91	V	-35.69	12.17	-23.52	-13.00	10.52
11642.90	V	-54.81	13.00	-41.81	-13.00	28.81

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)
1740.25	V	-54.05	5.59	-48.46	-13.00	35.46
5191.79	V	-58.33	10.24	-48.09	-13.00	35.09
6902.89	V	-44.90	11.38	-33.52	-13.00	20.52
10354.33	V	-55.84	13.14	-42.70	-13.00	29.70
-	-	-	-	-	-	-

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)
1577.78	V	-59.61	5.89	-53.72	-13.00	40.72
5029.13	V	-58.42	10.08	-48.34	-13.00	35.34
6902.83	V	-48.49	11.38	-37.11	-13.00	24.11
10353.75	V	-55.97	13.14	-42.83	-13.00	29.83
-	-	-	-	-	-	-

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)
1260.71	V	-57.18	3.16	-54.02	-13.00	41.02
1265.20	V	-59.51	3.19	-56.32	-13.00	43.32
5056.74	V	-56.86	10.12	-46.74	-25.00	21.74
7582.84	V	-55.46	12.05	-43.41	-25.00	18.41
11374.18	V	-55.49	13.36	-42.13	-13.00	29.13

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)
2343.18	V	-54.67	6.09	-48.58	-13.00	35.58
4380.57	V	-57.08	9.25	-47.83	-13.00	34.83
5059.60	V	-53.73	10.13	-43.60	-13.00	30.60
7402.78	V	-50.51	12.00	-38.51	-13.00	25.51
11103.32	V	-55.25	13.32	-41.93	-13.00	28.93

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)
1600.35	V	-57.39	5.94	-51.45	-13.00	38.45
5051.81	V	-58.62	10.11	-48.51	-13.00	35.51
6902.82	V	-40.51	11.38	-29.13	-13.00	16.13
10353.96	V	-55.74	13.14	-42.60	-13.00	29.60
-	-	-	-	-	-	-

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)
2031.68	V	-53.67	4.67	-49.00	-13.00	36.00
4536.23	V	-58.52	9.44	-49.08	-13.00	36.08
5371.11	V	-54.14	10.29	-43.85	-13.00	30.85
7402.65	V	-58.15	12.00	-46.15	-13.00	33.15
11103.76	V	-55.19	13.32	-41.87	-13.00	28.87

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)
1640.78	V	-54.94	5.88	-49.06	-13.00	36.06
4731.65	V	-57.56	9.50	-48.06	-13.00	35.06
7402.70	V	-51.70	12.00	-39.70	-13.00	26.70
11104.05	V	-55.58	13.32	-42.26	-13.00	29.26
-	-	-	-	-	-	-

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