TEST REPORT

CERTIFICATE OF CONFORMITY

Standard:	**47 CFR FCC Part 22** **47 CFR FCC Part 24** **47 CFR FCC Part 27** **47 CFR FCC Part 2**
Report No.:	RFBEDV-WTW-P23030565-4
FCC ID:	G95RG525FNA
Product:	Module
Brand:	Vantiva
Model No.:	RG525FNA
Received Date:	2023/3/16
Test Date:	2023/5/17 ~ 2023/6/2
Issued Date:	2023/7/27
Applicant:	Vantiva USA LLC
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Issued By:	Bureau Veritas Consumer Products Services (H.K.) Ltd., Taoyuan Branch Lin Kou Laboratories
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Test Location:	No. 19, Hwa Ya 2nd Rd., Wen Hwa Vil., Kwei Shan Dist., Taoyuan City 33383, TAIWAN
FCC Registration / Designation Number:	788550 / TW0003

Approved by: Jeremy Lin , **Date:** **2023/7/27**

Jeremy Lin / Project Engineer

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Prepared by : Pettie Chen / Senior Specialist

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Release Control Record

Issue No.	Description	Date Issued
RFBEDV-WTW-P23030565-4	Original release.	2023/7/27

1 Certificate

Product:	Module
Brand:	Vantiva
Test Model:	RG525FNA
Sample Status:	Engineering sample
Applicant:	Vantiva USA LLC
Test Date:	2023/5/17 ~ 2023/6/2
Standard:	47 CFR FCC Part 22 47 CFR FCC Part 24 47 CFR FCC Part 27 47 CFR FCC Part 2
Measurement procedure:	ANSI/TIA/EIA-603-E 2016 ANSI C63.26-2015 KDB 971168 D01 Power Meas License Digital Systems v03r01 KDB 971168 D02 Misc Rev Approv License Devices v02r01 KDB 412172 D01 Determining ERP and EIRP v01r01 KDB 662911 D01 Multiple Transmitter Output v02r01

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

2 Summary of Test Results

47 CFR FCC Part 22 47 CFR FCC Part 24 47 CFR FCC Part 27 47 CFR FCC Part 2			
Standard / Clause	Test Item	Result	Remark
FCC 47 CFR Part 2.1046 FCC 47 CFR Part 22.913 (a) FCC 47 CFR Part 24.232 (c) FCC 47 CFR Part 27.50(a) FCC 47 CFR Part 27.50(h) FCC 47 CFR Part 27.50(d) FCC 47 CFR Part 27.50(c) FCC 47 CFR Part 27.50(j) FCC 47 CFR Part 27.50(k)	Effective Radiated Power and Equivalent Isotropically Radiated Power	Pass	Meet the requirement of limit.
FCC 47 CFR Part 2.1047	Modulation Characteristics	NA	Refer to Note
FCC 47 CFR Part 22.913 (d) FCC 47 CFR Part 24.232 (d) FCC 47 CFR Part 27.50(d)	Peak to Average Ratio	NA	Refer to Note
FCC 47 CFR Part 2.1049	Bandwidth	NA	Refer to Note
FCC 47 CFR Part 2.1051 FCC 47 CFR Part 22.917 FCC 47 CFR Part 24.238 FCC 47 CFR Part 27.53(a) FCC 47 CFR Part 27.53(m) FCC 47 CFR Part 27.53(h) FCC 47 CFR Part 27.53(g) FCC 47 CFR Part 27.53(l) FCC 47 CFR Part 27.53(n)	Conducted Spurious Emissions	NA	Refer to Note
FCC 47 CFR Part 2.1053 FCC 47 CFR Part 22.917 FCC 47 CFR Part 24.238 FCC 47 CFR Part 27.53(a) FCC 47 CFR Part 27.53(m) FCC 47 CFR Part 27.53(h) FCC 47 CFR Part 27.53(g) FCC 47 CFR Part 27.53(l) FCC 47 CFR Part 27.53(n)	Radiated Spurious Emissions below 1GHz	Pass	Minimum passing margin is -22.94 dB at 100.29 MHz
FCC 47 CFR Part 2.1053 FCC 47 CFR Part 22.917 FCC 47 CFR Part 24.238 FCC 47 CFR Part 27.53(a) FCC 47 CFR Part 27.53(m) FCC 47 CFR Part 27.53(h) FCC 47 CFR Part 27.53(g) FCC 47 CFR Part 27.53(l) FCC 47 CFR Part 27.53(n)	Radiated Spurious Emissions above 1GHz	Pass	Minimum passing margin is -1.43 dB at 5160.00 MHz
FCC 47 CFR Part 2.1055 FCC 47 CFR Part 22.355 FCC 47 CFR Part 24.235 FCC 47 CFR Part 27.54	Frequency Stability	NA	Refer to Note

Note:

1. This report is issued as a supplementary report. Therefore, only test item of Maximum Peak Output Power and Radiated Spurious Emissions were performed for this report. Other testing data please refer to MRT Technology (Suzhou) Co., Ltd report no.: 2211RSU034-U6, 2211RSU034-U9 for module (Brand: Quectel, Model: RG525F-NA). The EUT has disabled the 5GNR n7, n13, n26, n30 mode by software.
2. Determining compliance based on the results of the compliance measurement, not taking into account measurement instrumentation uncertainty.

2.1 Measurement Uncertainty

Where relevant, the following measurement uncertainty levels have been estimated for tests performed on the EUT as specified in CISPR 16-4-2:

Measurement	Specification	Expanded Uncertainty (k=2) (±)
Radiated Spurious Emissions below 1GHz	9 kHz ~ 30 MHz	3.00 dB
	30 MHz ~ 1 GHz	2.93 dB
Radiated Spurious Emissions above 1GHz	1 GHz ~ 18 GHz	1.76 dB
	18 GHz ~ 40 GHz	1.77 dB

The other instruments specified are routine verified to remain within the calibrated levels, no measurement uncertainty is required to be calculated.

2.2 Supplementary Information

There is not any deviation from the test standards for the test method, and no modifications required for compliance.

3 General Information

3.1 General Description of EUT

Product	Module
Brand	Vantiva
Test Model	RG525FNA
Status of EUT	Engineering sample
Power Supply Rating	Refer to Note

Note:

1. The EUT supports the following configuration.

	5G FR1		
	Band	SCS	Bandwidth (MHz)
5GNR	n2	15kHz	5/10/15/20
	n5	15kHz	5/10/15/20
	n12	15kHz	5/10/15
	n25	15kHz	5/10/15/20/25/30/40
	n38	30kHz	10/15/20/30/40
	n41	30kHz	20/30/40/50/60/70/80/90/100
	n66	15kHz	5/10/15/20/30/40
	n71	15kHz	5/10/15/20
	n77	30kHz	10/15/20/30/40/50/60/70/80/90/100
	n78	30kHz	10/15/20/30/40/50/60/70/80/90/100

2. EUT Overview.

SA

Band / Bandwidth	TX Frequency Range (MHz)	Max. EIRP Power				
		BPSK	QPSK	16QAM	64QAM	256QAM
n2 (Channel Bandwidth 5MHz)	1852.50-1907.50	533.335mW (27.27dBm)	533.335mW (27.27dBm)	417.830mW (26.21dBm)	316.957mW (25.01dBm)	190.108mW (22.79dBm)
n2 (Channel Bandwidth 10MHz)	1855.00-1905.00	527.230mW (27.22dBm)	540.754mW (27.33dBm)	414.000mW (26.17dBm)	315.500mW (24.99dBm)	191.867mW (22.83dBm)
n2 (Channel Bandwidth 15MHz)	1857.50-1902.50	529.663mW (27.24dBm)	537.032mW (27.30dBm)	423.643mW (26.27dBm)	322.107mW (25.08dBm)	192.752mW (22.85dBm)
n2 (Channel Bandwidth 20MHz)	1860.00-1900.00	535.797mW (27.29dBm)	542.001mW (27.34dBm)	423.643mW (26.27dBm)	322.107mW (25.08dBm)	193.197mW (22.86dBm)
n25 (Channel Bandwidth 5MHz)	1852.50-1912.50	532.108mW (27.26dBm)	537.032mW (27.30dBm)	422.669mW (26.26dBm)	300.608mW (24.78dBm)	206.063mW (23.14dBm)
n25 (Channel Bandwidth 10MHz)	1855.00-1910.00	529.663mW (27.24dBm)	542.001mW (27.34dBm)	415.911mW (26.19dBm)	301.995mW (24.80dBm)	205.116mW (23.12dBm)
n25 (Channel Bandwidth 15MHz)	1857.50-1907.50	529.663mW (27.24dBm)	542.001mW (27.34dBm)	422.669mW (26.26dBm)	301.301mW (24.79dBm)	206.063mW (23.14dBm)
n25 (Channel Bandwidth 20MHz)	1860.00-1905.00	540.754mW (27.33dBm)	543.250mW (27.35dBm)	422.669mW (26.26dBm)	303.389mW (24.82dBm)	207.014mW (23.16dBm)
n25 (Channel Bandwidth 25MHz)	1862.50-1902.50	519.996mW (27.16dBm)	519.996mW (27.16dBm)	408.319mW (26.11dBm)	296.483mW (24.72dBm)	201.837mW (23.05dBm)
n25 (Channel Bandwidth 30MHz)	1865.00-1900.00	530.884mW (27.25dBm)	534.564mW (27.28dBm)	411.150mW (26.14dBm)	299.226mW (24.76dBm)	199.986mW (23.01dBm)
n25 (Channel Bandwidth 40MHz)	1870.00-1895.00	545.758mW (27.37dBm)	554.626mW (27.44dBm)	414.954mW (26.18dBm)	296.483mW (24.72dBm)	206.063mW (23.14dBm)

Band / Bandwidth	TX Frequency Range (MHz)	Max. EIRP Power				
		BPSK	QPSK	16QAM	64QAM	256QAM
For n38 (Power class II)						
n38 (Channel Bandwidth 10MHz)	2575.00-2615.00	1412.538mW (31.50dBm)	1445.440mW (31.60dBm)	1135.011mW (30.55dBm)	751.623mW (28.76dBm)	494.311mW (26.94dBm)
n38 (Channel Bandwidth 15MHz)	2577.50-2612.50	1402.814mW (31.47dBm)	1445.440mW (31.60dBm)	1127.197mW (30.52dBm)	762.079mW (28.82dBm)	487.528mW (26.88dBm)
n38 (Channel Bandwidth 20MHz)	2580.00-2610.00	1409.289mW (31.49dBm)	1452.112mW (31.62dBm)	1142.878mW (30.58dBm)	753.356mW (28.77dBm)	484.172mW (26.85dBm)
n38 (Channel Bandwidth 30MHz)	2585.00-2605.00	1419.058mW (31.52dBm)	1438.799mW (31.58dBm)	1142.878mW (30.58dBm)	760.326mW (28.81dBm)	486.407mW (26.87dBm)
n38 (Channel Bandwidth 40MHz)	2590.00-2600.00	1432.188mW (31.56dBm)	1455.459mW (31.63dBm)	1153.453mW (30.62dBm)	765.597mW (28.84dBm)	494.311mW (26.94dBm)
For n38 (Power class III)						
n38 (Channel Bandwidth 10MHz)	2575.00-2615.00	630.957mW (28.00dBm)	653.131mW (28.15dBm)	656.145mW (28.17dBm)	362.243mW (25.59dBm)	216.272mW (23.35dBm)
n38 (Channel Bandwidth 15MHz)	2577.50-2612.50	642.688mW (28.08dBm)	645.654mW (28.10dBm)	639.735mW (28.06dBm)	352.371mW (25.47dBm)	217.270mW (23.37dBm)
n38 (Channel Bandwidth 20MHz)	2580.00-2610.00	632.412mW (28.01dBm)	633.870mW (28.02dBm)	641.210mW (28.07dBm)	361.410mW (25.58dBm)	216.770mW (23.36dBm)
n38 (Channel Bandwidth 30MHz)	2585.00-2605.00	644.169mW (28.09dBm)	660.693mW (28.20dBm)	648.634mW (28.12dBm)	363.078mW (25.60dBm)	221.820mW (23.46dBm)
n38 (Channel Bandwidth 40MHz)	2590.00-2600.00	654.636mW (28.16dBm)	663.743mW (28.22dBm)	657.658mW (28.18dBm)	365.595mW (25.63dBm)	222.331mW (23.47dBm)
For n41 (Power class II)						
n41 (Channel Bandwidth 20MHz)	2506.02-2679.99	1517.050mW (31.81dBm)	1545.254mW (31.89dBm)	1205.036mW (30.81dBm)	794.328mW (29.00dBm)	496.592mW (26.96dBm)
n41 (Channel Bandwidth 30MHz)	2511.00-2674.98	1438.799mW (31.58dBm)	1468.926mW (31.67dBm)	1145.513mW (30.59dBm)	774.462mW (28.89dBm)	469.894mW (26.72dBm)
n41 (Channel Bandwidth 40MHz)	2516.01-2670.00	1555.966mW (31.92dBm)	1563.148mW (31.94dBm)	1258.925mW (31.00dBm)	816.582mW (29.12dBm)	480.839mW (26.82dBm)
n41 (Channel Bandwidth 50MHz)	2521.02-2664.99	1489.361mW (31.73dBm)	1524.053mW (31.83dBm)	1210.598mW (30.83dBm)	814.704mW (29.11dBm)	489.779mW (26.90dBm)
n41 (Channel Bandwidth 60MHz)	2526.00-2659.98	1555.966mW (31.92dBm)	1566.751mW (31.95dBm)	1233.105mW (30.91dBm)	809.096mW (29.08dBm)	490.908mW (26.91dBm)
n41 (Channel Bandwidth 70MHz)	2531.01-2655.00	1506.607mW (31.78dBm)	1559.553mW (31.93dBm)	1238.797mW (30.93dBm)	824.138mW (29.16dBm)	494.311mW (26.94dBm)
n41 (Channel Bandwidth 80MHz)	2536.02-2649.99	1555.966mW (31.92dBm)	1588.547mW (32.01dBm)	1258.925mW (31.00dBm)	831.764mW (29.20dBm)	490.908mW (26.91dBm)
n41 (Channel Bandwidth 90MHz)	2541.00-2644.98	1595.879mW (32.03dBm)	1610.646mW (32.07dBm)	1383.566mW (31.41dBm)	907.821mW (29.58dBm)	559.758mW (27.48dBm)
n41 (Channel Bandwidth 100MHz)	2546.01-2640.00	1603.245mW (32.05dBm)	1618.080mW (32.09dBm)	1399.587mW (31.46dBm)	912.011mW (29.60dBm)	571.479mW (27.57dBm)
For n41 (Power class III)						
n41 (Channel Bandwidth 20MHz)	2506.02-2679.99	695.024mW (28.42dBm)	714.496mW (28.54dBm)	562.341mW (27.50dBm)	388.150mW (25.89dBm)	252.930mW (24.03dBm)
n41 (Channel Bandwidth 30MHz)	2511.00-2674.98	693.426mW (28.41dBm)	706.318mW (28.49dBm)	534.564mW (27.28dBm)	369.828mW (25.68dBm)	245.471mW (23.90dBm)
n41 (Channel Bandwidth 40MHz)	2516.01-2670.00	711.214mW (28.52dBm)	722.770mW (28.59dBm)	545.758mW (27.37dBm)	377.572mW (25.77dBm)	249.459mW (23.97dBm)
n41 (Channel Bandwidth 50MHz)	2521.02-2664.99	712.853mW (28.53dBm)	717.794mW (28.56dBm)	561.048mW (27.49dBm)	384.592mW (25.85dBm)	251.768mW (24.01dBm)
n41 (Channel Bandwidth 60MHz)	2526.00-2659.98	711.214mW (28.52dBm)	721.107mW (28.58dBm)	446.684mW (26.50dBm)	311.172mW (24.93dBm)	201.837mW (23.05dBm)
n41 (Channel Bandwidth 70MHz)	2531.01-2655.00	717.794mW (28.56dBm)	724.436mW (28.60dBm)	558.470mW (27.47dBm)	390.841mW (25.92dBm)	251.189mW (24.00dBm)
n41 (Channel Bandwidth 80MHz)	2536.02-2649.99	711.214mW (28.52dBm)	734.514mW (28.66dBm)	558.470mW (27.47dBm)	381.944mW (25.82dBm)	245.471mW (23.90dBm)
n41 (Channel Bandwidth 90MHz)	2541.00-2644.98	716.143mW (28.55dBm)	721.107mW (28.58dBm)	559.758mW (27.48dBm)	389.045mW (25.90dBm)	251.768mW (24.01dBm)
n41 (Channel Bandwidth 100MHz)	2546.01-2640.00	732.825mW (28.65dBm)	737.904mW (28.68dBm)	562.341mW (27.50dBm)	391.742mW (25.93dBm)	254.683mW (24.06dBm)

Band / Bandwidth	TX Frequency Range (MHz)	Max. EIRP Power				
		BPSK	QPSK	16QAM	64QAM	256QAM
n66 (Channel Bandwidth 5MHz)	1712.50-1777.50	483.059mW (26.84dBm)	493.174mW (26.93dBm)	393.550mW (25.95dBm)	285.759mW (24.56dBm)	191.867mW (22.83dBm)
n66 (Channel Bandwidth 10MHz)	1715.00-1775.00	483.059mW (26.84dBm)	484.172mW (26.85dBm)	390.841mW (25.92dBm)	287.078mW (24.58dBm)	190.985mW (22.81dBm)
n66 (Channel Bandwidth 15MHz)	1717.50-1772.50	486.407mW (26.87dBm)	489.779mW (26.90dBm)	388.150mW (25.89dBm)	287.078mW (24.58dBm)	191.867mW (22.83dBm)
n66 (Channel Bandwidth 20MHz)	1720.00-1770.00	484.172mW (26.85dBm)	488.652mW (26.89dBm)	395.367mW (25.97dBm)	283.139mW (24.52dBm)	192.309mW (22.84dBm)
n66 (Channel Bandwidth 30MHz)	1725.00-1765.00	485.289mW (26.86dBm)	487.528mW (26.88dBm)	391.742mW (25.93dBm)	283.139mW (24.52dBm)	192.752mW (22.85dBm)
n66 (Channel Bandwidth 40MHz)	1730.00-1760.00	492.040mW (26.92dBm)	495.450mW (26.95dBm)	395.367mW (25.97dBm)	287.078mW (24.58dBm)	194.536mW (22.89dBm)

Band / Bandwidth	TX Frequency Range (MHz)	Max. EIRP Power				
		BPSK	QPSK	16QAM	64QAM	256QAM
For Part 27Q (Power class II)						
n77 (Channel Bandwidth 10MHz)	3455.01-3544.98	801.678mW (29.04dBm)	818.465mW (29.13dBm)	650.130mW (28.13dBm)	460.257mW (26.63dBm)	289.068mW (24.61dBm)
n77 (Channel Bandwidth 15MHz)	3457.50-3542.49	827.942mW (29.18dBm)	837.529mW (29.23dBm)	645.654mW (28.10dBm)	457.088mW (26.60dBm)	289.068mW (24.61dBm)
n77 (Channel Bandwidth 20MHz)	3460.02-3540.00	803.526mW (29.05dBm)	829.851mW (29.19dBm)	662.217mW (28.21dBm)	474.242mW (26.76dBm)	291.743mW (24.65dBm)
n77 (Channel Bandwidth 30MHz)	3465.00-3534.99	809.096mW (29.08dBm)	843.335mW (29.26dBm)	666.807mW (28.24dBm)	477.529mW (26.79dBm)	297.167mW (24.73dBm)
n77 (Channel Bandwidth 40MHz)	3470.01-3529.98	835.603mW (29.22dBm)	845.279mW (29.27dBm)	677.642mW (28.31dBm)	475.335mW (26.77dBm)	291.743mW (24.65dBm)
n77 (Channel Bandwidth 50MHz)	3475.02-3525.00	857.038mW (29.33dBm)	857.038mW (29.33dBm)	677.642mW (28.31dBm)	476.431mW (26.78dBm)	299.916mW (24.77dBm)
n77 (Channel Bandwidth 60MHz)	3480.00-3519.99	839.460mW (29.24dBm)	864.968mW (29.37dBm)	687.068mW (28.37dBm)	483.059mW (26.84dBm)	302.691mW (24.81dBm)
n77 (Channel Bandwidth 70MHz)	3485.01-3514.98	847.227mW (29.28dBm)	860.994mW (29.35dBm)	685.488mW (28.36dBm)	484.172mW (26.85dBm)	304.789mW (24.84dBm)
n77 (Channel Bandwidth 80MHz)	3490.02-3510.00	862.979mW (29.36dBm)	868.960mW (29.39dBm)	698.232mW (28.44dBm)	476.431mW (26.78dBm)	293.765mW (24.68dBm)
n77 (Channel Bandwidth 90MHz)	3495.00-3504.99	866.962mW (29.38dBm)	877.001mW (29.43dBm)	712.853mW (28.53dBm)	477.529mW (26.79dBm)	295.121mW (24.70dBm)
n77 (Channel Bandwidth 100MHz)	3500.01	872.971mW (29.41dBm)	895.365mW (29.52dBm)	719.449mW (28.57dBm)	480.839mW (26.82dBm)	297.167mW (24.73dBm)
For Part 27Q (Power class III)						
n77 (Channel Bandwidth 10MHz)	3455.01-3544.98	309.742mW (24.91dBm)	325.087mW (25.12dBm)	228.560mW (23.59dBm)	188.799mW (22.76dBm)	116.413mW (20.66dBm)
n77 (Channel Bandwidth 15MHz)	3457.50-3542.49	310.456mW (24.92dBm)	321.366mW (25.07dBm)	228.034mW (23.58dBm)	184.502mW (22.66dBm)	115.345mW (20.62dBm)
n77 (Channel Bandwidth 20MHz)	3460.02-3540.00	309.030mW (24.90dBm)	325.837mW (25.13dBm)	224.905mW (23.52dBm)	185.780mW (22.69dBm)	114.288mW (20.58dBm)
n77 (Channel Bandwidth 30MHz)	3465.00-3534.99	319.890mW (25.05dBm)	325.837mW (25.13dBm)	225.424mW (23.53dBm)	189.671mW (22.78dBm)	117.220mW (20.69dBm)
n77 (Channel Bandwidth 40MHz)	3470.01-3529.98	316.228mW (25.00dBm)	324.340mW (25.11dBm)	218.776mW (23.40dBm)	187.932mW (22.74dBm)	116.145mW (20.65dBm)
n77 (Channel Bandwidth 50MHz)	3475.02-3525.00	311.172mW (24.93dBm)	324.340mW (25.11dBm)	225.944mW (23.54dBm)	187.499mW (22.73dBm)	116.413mW (20.66dBm)
n77 (Channel Bandwidth 60MHz)	3480.00-3519.99	313.329mW (24.96dBm)	321.366mW (25.07dBm)	220.800mW (23.44dBm)	189.234mW (22.77dBm)	117.220mW (20.69dBm)
n77 (Channel Bandwidth 70MHz)	3485.01-3514.98	314.775mW (24.98dBm)	322.849mW (25.09dBm)	219.786mW (23.42dBm)	190.546mW (22.80dBm)	116.950mW (20.68dBm)
n77 (Channel Bandwidth 80MHz)	3490.02-3510.00	314.051mW (24.97dBm)	325.837mW (25.13dBm)	228.560mW (23.59dBm)	190.546mW (22.80dBm)	116.145mW (20.65dBm)
n77 (Channel Bandwidth 90MHz)	3495.00-3504.99	320.627mW (25.06dBm)	331.894mW (25.21dBm)	229.615mW (23.61dBm)	192.309mW (22.84dBm)	118.850mW (20.75dBm)
n77 (Channel Bandwidth 100MHz)	3500.01	329.610mW (25.18dBm)	341.193mW (25.33dBm)	236.048mW (23.73dBm)	197.697mW (22.96dBm)	122.180mW (20.87dBm)

Band / Bandwidth	TX Frequency Range (MHz)	Max. EIRP Power				
		BPSK	QPSK	16QAM	64QAM	256QAM
For Part 27O (Power class II)						
n77 (Channel Bandwidth 10MHz)	3705.00-3975.00	885.116mW (29.47dBm)	920.450mW (29.64dBm)	711.214mW (28.52dBm)	516.416mW (27.13dBm)	305.492mW (24.85dBm)
n77 (Channel Bandwidth 15MHz)	3707.52-3972.48	893.305mW (29.51dBm)	937.562mW (29.72dBm)	751.623mW (28.76dBm)	516.416mW (27.13dBm)	314.051mW (24.97dBm)
n77 (Channel Bandwidth 20MHz)	3710.01-3969.99	885.116mW (29.47dBm)	933.254mW (29.70dBm)	748.170mW (28.74dBm)	516.416mW (27.13dBm)	315.500mW (24.99dBm)
n77 (Channel Bandwidth 30MHz)	3715.02-3964.98	895.365mW (29.52dBm)	941.890mW (29.74dBm)	746.449mW (28.73dBm)	519.996mW (27.16dBm)	314.775mW (24.98dBm)
n77 (Channel Bandwidth 40MHz)	3720.00-3960.00	922.571mW (29.65dBm)	959.401mW (29.82dBm)	769.130mW (28.86dBm)	540.754mW (27.33dBm)	327.341mW (25.15dBm)
n77 (Channel Bandwidth 50MHz)	3725.01-3954.99	901.571mW (29.55dBm)	959.401mW (29.82dBm)	758.578mW (28.80dBm)	534.564mW (27.28dBm)	319.154mW (25.04dBm)
n77 (Channel Bandwidth 60MHz)	3730.02-3949.98	920.450mW (29.64dBm)	970.510mW (29.87dBm)	762.079mW (28.82dBm)	535.797mW (27.29dBm)	325.837mW (25.13dBm)
n77 (Channel Bandwidth 70MHz)	3735.00-3945.00	939.723mW (29.73dBm)	972.747mW (29.88dBm)	778.037mW (28.91dBm)	542.001mW (27.34dBm)	331.131mW (25.20dBm)
n77 (Channel Bandwidth 80MHz)	3740.01-3939.99	959.401mW (29.82dBm)	979.490mW (29.91dBm)	774.462mW (28.89dBm)	552.077mW (27.42dBm)	334.195mW (25.24dBm)
n77 (Channel Bandwidth 90MHz)	3745.02-3934.98	959.401mW (29.82dBm)	979.490mW (29.91dBm)	796.159mW (29.01dBm)	530.884mW (27.25dBm)	335.738mW (25.26dBm)
n77 (Channel Bandwidth 100MHz)	3750.00-3930.00	961.612mW (29.83dBm)	995.405mW (29.98dBm)	801.678mW (29.04dBm)	530.884mW (27.25dBm)	337.287mW (25.28dBm)
For Part 27O (Power class III)						
n77 (Channel Bandwidth 10MHz)	3705.00-3975.00	495.450mW (26.95dBm)	500.035mW (26.99dBm)	385.478mW (25.86dBm)	280.543mW (24.48dBm)	175.792mW (22.45dBm)
n77 (Channel Bandwidth 15MHz)	3707.52-3972.48	485.289mW (26.86dBm)	505.825mW (27.04dBm)	378.443mW (25.78dBm)	282.488mW (24.51dBm)	174.985mW (22.43dBm)
n77 (Channel Bandwidth 20MHz)	3710.01-3969.99	486.407mW (26.87dBm)	503.501mW (27.02dBm)	383.707mW (25.84dBm)	285.102mW (24.55dBm)	179.061mW (22.53dBm)
n77 (Channel Bandwidth 30MHz)	3715.02-3964.98	489.779mW (26.90dBm)	504.661mW (27.03dBm)	389.045mW (25.90dBm)	285.102mW (24.55dBm)	178.238mW (22.51dBm)
n77 (Channel Bandwidth 40MHz)	3720.00-3960.00	480.839mW (26.82dBm)	500.035mW (26.99dBm)	381.944mW (25.82dBm)	282.488mW (24.51dBm)	179.887mW (22.55dBm)
n77 (Channel Bandwidth 50MHz)	3725.01-3954.99	488.652mW (26.89dBm)	506.991mW (27.05dBm)	382.825mW (25.83dBm)	285.102mW (24.55dBm)	177.011mW (22.48dBm)
n77 (Channel Bandwidth 60MHz)	3730.02-3949.98	493.174mW (26.93dBm)	506.991mW (27.05dBm)	388.150mW (25.89dBm)	288.403mW (24.60dBm)	179.061mW (22.53dBm)
n77 (Channel Bandwidth 70MHz)	3735.00-3945.00	487.528mW (26.88dBm)	501.187mW (27.00dBm)	390.841mW (25.92dBm)	281.838mW (24.50dBm)	178.238mW (22.51dBm)
n77 (Channel Bandwidth 80MHz)	3740.01-3939.99	489.779mW (26.90dBm)	496.592mW (26.96dBm)	384.592mW (25.85dBm)	282.488mW (24.51dBm)	176.604mW (22.47dBm)
n77 (Channel Bandwidth 90MHz)	3745.02-3934.98	493.174mW (26.93dBm)	504.661mW (27.03dBm)	388.150mW (25.89dBm)	285.759mW (24.56dBm)	178.649mW (22.52dBm)
n77 (Channel Bandwidth 100MHz)	3750.00-3930.00	496.592mW (26.96dBm)	509.331mW (27.07dBm)	391.742mW (25.93dBm)	288.403mW (24.60dBm)	179.887mW (22.55dBm)

Band / Bandwidth	TX Frequency Range (MHz)	Max. ERP Power				
		BPSK	QPSK	16QAM	64QAM	256QAM
n5 (Channel Bandwidth 5MHz)	826.50-846.50	198.609mW (22.98dBm)	199.067mW (22.99dBm)	157.036mW (21.96dBm)	118.304mW (20.73dBm)	65.464mW (18.16dBm)
n5 (Channel Bandwidth 10MHz)	829.00-844.00	198.609mW (22.98dBm)	201.372mW (23.04dBm)	155.597mW (21.92dBm)	117.761mW (20.71dBm)	66.069mW (18.20dBm)
n5 (Channel Bandwidth 15MHz)	831.50-841.50	198.609mW (22.98dBm)	200.447mW (23.02dBm)	157.036mW (21.96dBm)	116.413mW (20.66dBm)	65.615mW (18.17dBm)
n5 (Channel Bandwidth 20MHz)	834.00-839.00	199.986mW (23.01dBm)	201.837mW (23.05dBm)	158.125mW (21.99dBm)	118.577mW (20.74dBm)	66.681mW (18.24dBm)
n12 (Channel Bandwidth 5MHz)	701.50-713.50	153.462mW (21.86dBm)	155.597mW (21.92dBm)	122.744mW (20.89dBm)	89.331mW (19.51dBm)	48.753mW (16.88dBm)
n12 (Channel Bandwidth 10MHz)	704.00-711.00	152.757mW (21.84dBm)	155.239mW (21.91dBm)	122.462mW (20.88dBm)	90.782mW (19.58dBm)	48.865mW (16.89dBm)
n12 (Channel Bandwidth 15MHz)	706.50-708.50	153.815mW (21.87dBm)	157.036mW (21.96dBm)	123.310mW (20.91dBm)	90.991mW (19.59dBm)	49.659mW (16.96dBm)
n71 (Channel Bandwidth 5MHz)	665.50-695.50	151.008mW (21.79dBm)	156.675mW (21.95dBm)	123.310mW (20.91dBm)	91.622mW (19.62dBm)	49.204mW (16.92dBm)
n71 (Channel Bandwidth 10MHz)	668.00-693.00	154.170mW (21.88dBm)	155.239mW (21.91dBm)	125.026mW (20.97dBm)	90.991mW (19.59dBm)	49.317mW (16.93dBm)
n71 (Channel Bandwidth 15MHz)	670.50-690.50	153.462mW (21.86dBm)	156.315mW (21.94dBm)	123.880mW (20.93dBm)	90.991mW (19.59dBm)	49.431mW (16.94dBm)
n71 (Channel Bandwidth 20MHz)	673.00-688.00	154.170mW (21.88dBm)	158.125mW (21.99dBm)	125.603mW (20.99dBm)	91.622mW (19.62dBm)	49.545mW (16.95dBm)

UL-MIMO

Band / Bandwidth	TX Frequency Range (MHz)	Max. EIRP Power			
		QPSK	16QAM	64QAM	256QAM
For n41					
n41 (Channel Bandwidth 20MHz)	2506.02-2679.99	360.579mW (25.57dBm)	285.102mW (24.55dBm)	181.134mW (22.58dBm)	111.686mW (20.48dBm)
n41 (Channel Bandwidth 30MHz)	2511.00-2674.98	356.451mW (25.52dBm)	281.190mW (24.49dBm)	180.717mW (22.57dBm)	110.917mW (20.45dBm)
n41 (Channel Bandwidth 40MHz)	2516.01-2670.00	358.922mW (25.55dBm)	283.139mW (24.52dBm)	181.970mW (22.60dBm)	111.429mW (20.47dBm)
n41 (Channel Bandwidth 50MHz)	2521.02-2664.99	345.144mW (25.38dBm)	281.190mW (24.49dBm)	179.887mW (22.55dBm)	112.202mW (20.50dBm)
n41 (Channel Bandwidth 60MHz)	2526.00-2659.98	356.451mW (25.52dBm)	275.423mW (24.40dBm)	176.604mW (22.47dBm)	112.460mW (20.51dBm)
n41 (Channel Bandwidth 80MHz)	2536.02-2649.99	349.140mW (25.43dBm)	351.560mW (25.46dBm)	176.604mW (22.47dBm)	111.686mW (20.48dBm)
n41 (Channel Bandwidth 90MHz)	2541.00-2644.98	344.350mW (25.37dBm)	273.527mW (24.37dBm)	176.604mW (22.47dBm)	110.662mW (20.44dBm)
n41 (Channel Bandwidth 100MHz)	2546.01-2640.00	349.140mW (25.43dBm)	274.789mW (24.39dBm)	181.970mW (22.60dBm)	110.662mW (20.44dBm)
For n77 (Part 27Q)					
n77 (Channel Bandwidth 10MHz)	3455.01-3544.98	268.534mW (24.29dBm)	214.289mW (23.31dBm)	165.959mW (22.20dBm)	130.317mW (21.15dBm)
n77 (Channel Bandwidth 15MHz)	3457.50-3542.49	274.157mW (24.38dBm)	214.289mW (23.31dBm)	165.959mW (22.20dBm)	162.181mW (22.10dBm)
n77 (Channel Bandwidth 20MHz)	3460.02-3540.00	272.898mW (24.36dBm)	215.278mW (23.33dBm)	164.816mW (22.17dBm)	131.220mW (21.18dBm)
n77 (Channel Bandwidth 30MHz)	3465.00-3534.99	272.270mW (24.35dBm)	216.272mW (23.35dBm)	165.196mW (22.18dBm)	130.017mW (21.14dBm)
n77 (Channel Bandwidth 40MHz)	3470.01-3529.98	276.058mW (24.41dBm)	215.774mW (23.34dBm)	168.267mW (22.26dBm)	132.434mW (21.22dBm)
n77 (Channel Bandwidth 50MHz)	3475.02-3525.00	274.157mW (24.38dBm)	215.774mW (23.34dBm)	167.880mW (22.25dBm)	132.739mW (21.23dBm)
n77 (Channel Bandwidth 60MHz)	3480.00-3519.99	269.774mW (24.31dBm)	218.273mW (23.39dBm)	169.044mW (22.28dBm)	131.826mW (21.20dBm)
n77 (Channel Bandwidth 70MHz)	3485.01-3514.98	270.396mW (24.32dBm)	217.270mW (23.37dBm)	165.196mW (22.18dBm)	131.220mW (21.18dBm)
n77 (Channel Bandwidth 80MHz)	3490.02-3510.00	272.270mW (24.35dBm)	214.289mW (23.31dBm)	165.959mW (22.20dBm)	131.220mW (21.18dBm)
n77 (Channel Bandwidth 90MHz)	3495.00-3504.99	271.644mW (24.34dBm)	213.304mW (23.29dBm)	166.341mW (22.21dBm)	130.918mW (21.17dBm)
n77 (Channel Bandwidth 100MHz)	3500.01	274.157mW (24.38dBm)	216.272mW (23.35dBm)	167.109mW (22.23dBm)	131.220mW (21.18dBm)
For n77 (Part 27O)					
n77 (Channel Bandwidth 10MHz)	3705.00-3975.00	358.922mW (25.55dBm)	280.543mW (24.48dBm)	221.820mW (23.46dBm)	171.396mW (22.34dBm)
n77 (Channel Bandwidth 15MHz)	3707.52-3972.48	359.749mW (25.56dBm)	282.488mW (24.51dBm)	221.820mW (23.46dBm)	171.002mW (22.33dBm)
n77 (Channel Bandwidth 20MHz)	3710.01-3969.99	358.922mW (25.55dBm)	279.898mW (24.47dBm)	221.309mW (23.45dBm)	174.181mW (22.41dBm)
n77 (Channel Bandwidth 30MHz)	3715.02-3964.98	357.273mW (25.53dBm)	278.612mW (24.45dBm)	219.786mW (23.42dBm)	172.584mW (22.37dBm)
n77 (Channel Bandwidth 40MHz)	3720.00-3960.00	361.410mW (25.58dBm)	283.792mW (24.53dBm)	221.309mW (23.45dBm)	171.791mW (22.35dBm)
n77 (Channel Bandwidth 50MHz)	3725.01-3954.99	358.096mW (25.54dBm)	274.157mW (24.38dBm)	219.280mW (23.41dBm)	172.982mW (22.38dBm)
n77 (Channel Bandwidth 60MHz)	3730.02-3949.98	358.096mW (25.54dBm)	279.898mW (24.47dBm)	220.800mW (23.44dBm)	172.584mW (22.37dBm)
n77 (Channel Bandwidth 70MHz)	3735.00-3945.00	356.451mW (25.52dBm)	279.898mW (24.47dBm)	220.293mW (23.43dBm)	172.584mW (22.37dBm)
n77 (Channel Bandwidth 80MHz)	3740.01-3939.99	360.579mW (25.57dBm)	283.792mW (24.53dBm)	219.280mW (23.41dBm)	172.584mW (22.37dBm)
n77 (Channel Bandwidth 90MHz)	3745.02-3934.98	358.096mW (25.54dBm)	281.190mW (24.49dBm)	219.786mW (23.42dBm)	174.582mW (22.42dBm)
n77 (Channel Bandwidth 100MHz)	3750.00-3930.00	363.915mW (25.61dBm)	283.792mW (24.53dBm)	222.844mW (23.48dBm)	174.582mW (22.42dBm)

3. The above EUT information is declared by manufacturer and for more detailed features description, please refers to the manufacturer's specifications or user's manual.
4. The EUT is authorized for use in specific End-product. Please refer to below for more details.

Item	Brand	Model
WIFI Gateway	Vantiva	MGA5331

5. The adapter for the End-product.

AC Adapter		
Brand	Model	Specification
HONOR	ADS-42FI-12 12042EPCU-L	AC Input: 100-120V~ 50/60Hz 1.2A max. DC Output: 12VDC, 3.5A, 42W DC Output Cable: 1.5m, Non-Shielded

6. 5G NR n77 has same RF characteristic and power setting as 5GNR n78.
7. 5G NR n77 overlaps the entire frequency range of 5G NR n78. Therefore, test data provided in this report covers 5G NR n77 as well as 5G NR n78.

3.2 Antenna Description of EUT

1. The antenna information is listed as below.

Antenna Type	PCB			
Antenna Connector	Ipex(MHF)			
Item	Band	TX Ant	Gain (dBi)	
			ANT0	ANT3
5G NR FR1	n2	Ant 0	5.05	3.47
	n5	Ant 0	2.38	1.58
	n12	Ant 0	1.12	1.99
	n25	Ant 0	5.05	3.47
	n38	Ant 3	5.43	6.11
	n41	Ant 3 UL-MIMO: Ant 0+3	5.43	6.17
	n66	Ant 0	4.84	3.96
	n71	Ant 0	1.12	1.99
	n77/n78 (3450MHz-3550MHz)	Ant 0 UL-MIMO: Ant 0+3	3.65	3.72
	n77/n78 (3700MHz-3980MHz)	Ant 0 UL-MIMO: Ant 0+3	5.37	4.59

* Detail antenna specification please refer to antenna datasheet an antenna gain measurement report.

3.3 Test Mode Applicability and Tested Channel Detail

Worst Case:	The EUT is designed to be positioned on the X-plane only.

For NR n2

Test Item	Tested Channel	Channel Bandwidth	Modulation	Mode
EIRP	370500 (1852.50 MHz) 376000 (1880.00 MHz) 381500 (1907.50 MHz)	5 MHz	BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
	371000 (1855.00 MHz) 376000 (1880.00 MHz) 381000 (1905.00 MHz)	10 MHz	BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
	371500 (1857.50 MHz) 376000 (1880.00 MHz) 380500 (1902.50 MHz)	15 MHz	BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
	372000 (1860.00 MHz) 376000 (1880.00 MHz) 380000 (1900.00 MHz)	20 MHz	BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
Radiated Emission Below 1GHz	380000 (1900.00 MHz)	20 MHz	QPSK	1 RB
Radiated Emission Above 1GHz	370500 (1852.50 MHz) 376000 (1880.00 MHz) 381500 (1907.50 MHz)	5 MHz	QPSK	1 RB
	372000 (1860.00 MHz) 376000 (1880.00 MHz) 380000 (1900.00 MHz)	20 MHz	QPSK	1 RB

For NR n5

Test Item	Tested Channel	Channel Bandwidth	Modulation	Mode
ERP	165300 (826.50 MHz) 167300 (836.50 MHz) 169300 (846.50 MHz)	5 MHz	BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
	165800 (829.00 MHz) 167300 (836.50 MHz) 168800 (844.00 MHz)	10 MHz	BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
	166300 (831.50 MHz) 167300 (836.50 MHz) 168300 (841.50 MHz)	15 MHz	BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
	166800 (834.00 MHz) 167300 (836.50 MHz) 167800 (839.00 MHz)	20 MHz	BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
Radiated Emission Below 1GHz	167800 (839.00 MHz)	20 MHz	QPSK	1 RB
Radiated Emission Above 1GHz	165300 (826.50 MHz) 167300 (836.50 MHz) 169300 (846.50 MHz)	5 MHz	QPSK	1 RB
	166800 (834.00 MHz) 167300 (836.50 MHz) 167800 (839.00 MHz)	20 MHz	QPSK	1 RB

For NR n12

Test Item	Tested Channel	Channel Bandwidth	Modulation	Mode
ERP	140300 (701.50 MHz) 141500 (707.50 MHz) 142700 (713.50 MHz)	5 MHz	BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
	140800 (704.00 MHz) 141500 (707.50 MHz) 142200 (711.00 MHz)	10 MHz	BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
	141300 (706.50 MHz) 141500 (707.50 MHz) 141700 (708.50 MHz)	15 MHz	BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
Radiated Emission Below 1GHz	141300 (706.50 MHz)	15 MHz	QPSK	1 RB
Radiated Emission Above 1GHz	140300 (701.50 MHz) 141500 (707.50 MHz) 142700 (713.50 MHz)	5 MHz	QPSK	1 RB
	141300 (706.50 MHz) 141500 (707.50 MHz) 141700 (708.50 MHz)	15 MHz	QPSK	1 RB

For NR n25

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

For NR n38

Test Item	Tested Channel	Channel Bandwidth	Modulation	Mode
EIRP	515000 (2575.00 MHz) 519000 (2595.00 MHz) 523000 (2615.00 MHz)	10 MHz	BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
	515500 (2577.50 MHz) 519000 (2595.00 MHz) 522500 (2612.50 MHz)	15 MHz	BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
	516000 (2580.00 MHz) 519000 (2595.00 MHz) 522000 (2610.00 MHz)	20 MHz	BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
	517000 (2585.00 MHz) 519000 (2595.00 MHz) 521000 (2605.00 MHz)	30 MHz	BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
	518000 (2590.00 MHz) 519000 (2595.00 MHz) 520000 (2600.00 MHz)	40 MHz	BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
Radiated Emission Below 1GHz	516000 (2580.00 MHz)	20 MHz	QPSK	1 RB
Radiated Emission Above 1GHz	515000 (2575.00 MHz) 519000 (2595.00 MHz) 523000 (2615.00 MHz)	10 MHz	QPSK	1 RB
	516000 (2580.00 MHz) 519000 (2595.00 MHz) 522000 (2610.00 MHz)	20 MHz	QPSK	1 RB
	518000 (2590.00 MHz) 519000 (2595.00 MHz) 520000 (2600.00 MHz)	40 MHz	QPSK	1 RB

For NR n41

Test Item	Tested Channel	Channel Bandwidth	Modulation	Mode
EIRP	501204 (2506.02 MHz) 518598 (2592.99 MHz) 535998 (2679.99 MHz)	20 MHz	BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
	502200 (2511.00 MHz) 518598 (2592.99 MHz) 534996 (2674.98 MHz)	30 MHz	BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
	503202 (2516.01 MHz) 518598 (2592.99 MHz) 534000 (2670.00 MHz)	40 MHz	BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
	504204 (2521.02 MHz) 518598 (2592.99 MHz) 532998 (2664.99 MHz)	50 MHz	BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
	505200 (2526.00 MHz) 518598 (2592.99 MHz) 531996 (2659.98 MHz)	60 MHz	BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
	506202 (2531.01 MHz) 518598 (2592.99 MHz) 531000 (2655.00 MHz)	70 MHz	BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
	507204 (2536.02 MHz) 518598 (2592.99 MHz) 529998 (2649.99 MHz)	80 MHz	BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
	508200 (2541.00 MHz) 518598 (2592.99 MHz) 528996 (2644.98 MHz)	90 MHz	BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
	509202 (2546.01 MHz) 518598 (2592.99 MHz) 528000 (2640.00 MHz)	100 MHz	BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
Radiated Emission Below 1GHz	509202 (2546.01 MHz)	100 MHz	QPSK	1 RB
Radiated Emission Above 1GHz	501204 (2506.02 MHz) 518598 (2592.99 MHz) 535998 (2679.99 MHz)	20 MHz	QPSK	1 RB
	504204 (2521.02 MHz) 518598 (2592.99 MHz) 532998 (2664.99 MHz)	50 MHz	QPSK	1 RB
	509202 (2546.01 MHz) 518598 (2592.99 MHz) 528000 (2640.00 MHz)	100 MHz	QPSK	1 RB

For NR n66

Test Item	Tested Channel	Channel Bandwidth	Modulation	Mode
EIRP	342500 (1712.50 MHz) 349000 (1745.00 MHz) 355500 (1777.50 MHz)	5 MHz	BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
	343000 (1715.00 MHz) 349000 (1745.00 MHz) 355000 (1775.00 MHz)	10 MHz	BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
	343500 (1717.50 MHz) 349000 (1745.00 MHz) 354500 (1772.50 MHz)	15 MHz	BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
	344000 (1720.00 MHz) 349000 (1745.00 MHz) 354000 (1770.00 MHz)	20 MHz	BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
	345000 (1725.00 MHz) 349000 (1745.00 MHz) 353000 (1765.00 MHz)	30 MHz	BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
	346000 (1730.00 MHz) 349000 (1745.00 MHz) 352000 (1760.00 MHz)	40 MHz	BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
Radiated Emission Below 1GHz	355500 (1777.50 MHz)	5 MHz	QPSK	1 RB
Radiated Emission Above 1GHz	342500 (1712.50 MHz) 349000 (1745.00 MHz) 355500 (1777.50 MHz)	5 MHz	QPSK	1 RB
	344000 (1720.00 MHz) 349000 (1745.00 MHz) 354000 (1770.00 MHz)	20 MHz	QPSK	1 RB
	346000 (1730.00 MHz) 349000 (1745.00 MHz) 352000 (1760.00 MHz)	40 MHz	QPSK	1 RB

For NR n71

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

For NR n77 (3450-3550 MHz)

Test Item	Tested Channel	Channel Bandwidth	Modulation	Mode
EIRP	630334 (3455.01 MHz) 633334 (3500.01 MHz) 636332 (3544.98 MHz)	10 MHz	BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
	630500 (3457.50 MHz) 633334 (3500.01 MHz) 636166 (3542.49 MHz)	15 MHz	BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
	630668 (3460.02 MHz) 633334 (3500.01 MHz) 636000 (3540.00 MHz)	20 MHz	BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
	631000 (3465.00 MHz) 633334 (3500.01 MHz) 635666 (3535.99 MHz)	30 MHz	BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
	631334 (3470.01 MHz) 633334 (3500.01 MHz) 635332 (3529.98 MHz)	40 MHz	BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
	631668 (3475.02 MHz) 633334 (3500.01 MHz) 635000 (3525.00 MHz)	50 MHz	BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
	632000 (3480.00 MHz) 633334 (3500.01 MHz) 634666 (3519.99 MHz)	60 MHz	BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
	632334 (3485.01 MHz) 633334 (3500.01 MHz) 634332 (3514.98 MHz)	70 MHz	BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
	632668 (3490.02 MHz) 633334 (3500.01 MHz) 634000 (3510.00 MHz)	80 MHz	BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
	633000 (3495.00 MHz) 633334 (3500.01 MHz) 633666 (3504.99 MHz)	90 MHz	BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
	633334 (3500.01 MHz)	100 MHz	BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
Radiated Emission Below 1GHz	635000 (3525.00 MHz)	50 MHz	QPSK	1 RB
Radiated Emission Above 1GHz	630334 (3455.01 MHz) 633334 (3500.01 MHz) 636332 (3544.98 MHz)	10 MHz	QPSK	1 RB
	631668 (3475.02 MHz) 633334 (3500.01 MHz) 635000 (3525.00 MHz)	50 MHz	QPSK	1 RB
	633334 (3500.01 MHz)	100 MHz	QPSK	1 RB

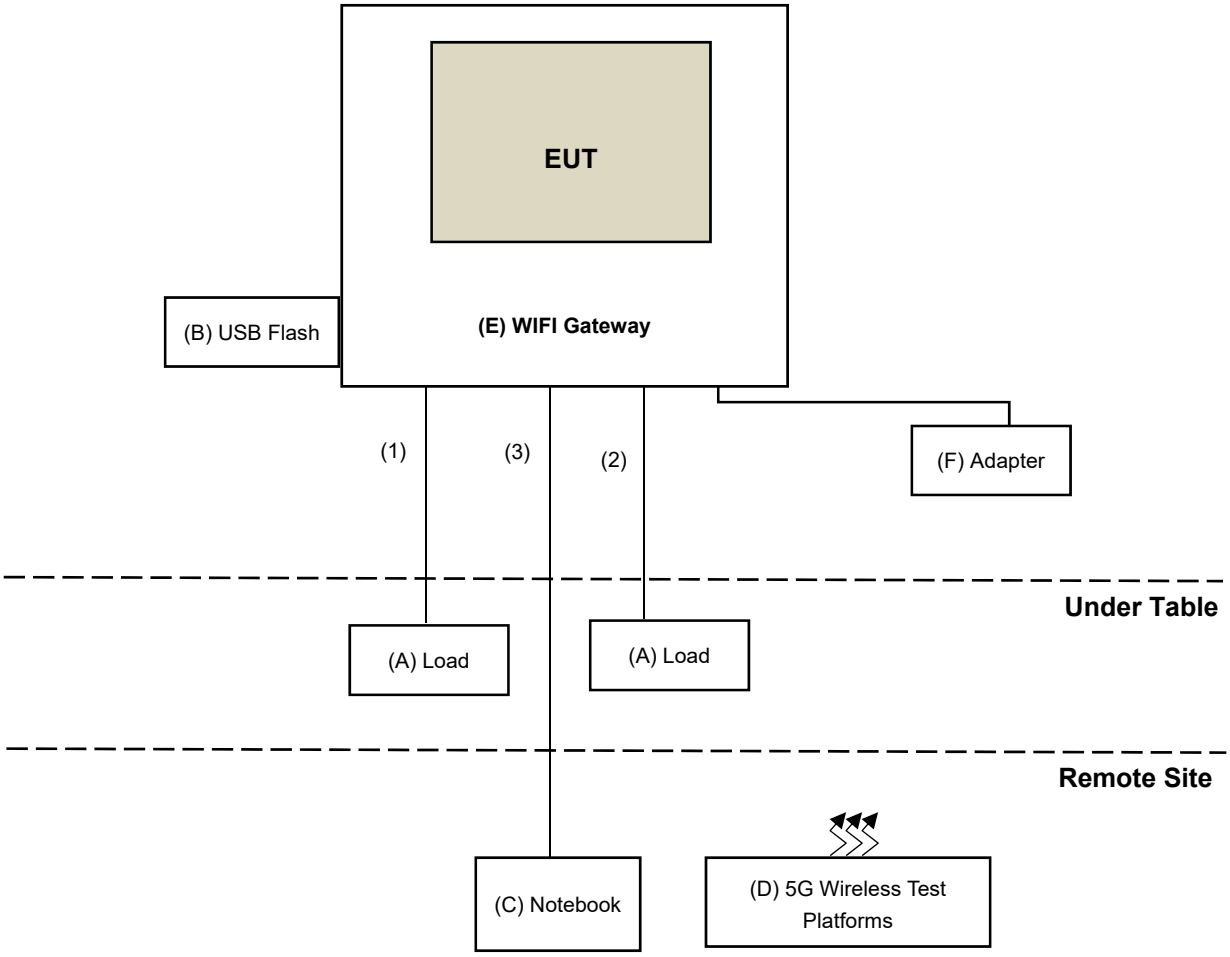
For NR n77 (3700-3980 MHz)

Test Item	Tested Channel	Channel Bandwidth	Modulation	Mode
EIRP	647000 (3705.00 MHz) 656000 (3840.00 MHz) 665000 (3975.00 MHz)	10 MHz	BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
	647168 (3707.52 MHz) 656000 (3840.00 MHz) 664832 (3972.48 MHz)	15 MHz	BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
	647334 (3710.01 MHz) 656000 (3840.00 MHz) 664666 (3969.99 MHz)	20 MHz	BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
	647668 (3715.02 MHz) 656000 (3840.00 MHz) 665666 (3964.98 MHz)	30 MHz	BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
	648000 (3720.00 MHz) 656000 (3840.00 MHz) 664000 (3960.00 MHz)	40 MHz	BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
	648334 (3725.01 MHz) 656000 (3840.00 MHz) 663666 (3954.99 MHz)	50 MHz	BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
	648668 (3730.02 MHz) 656000 (3840.00 MHz) 663332 (3949.98 MHz)	60 MHz	BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
	649000 (3735.00 MHz) 656000 (3840.00 MHz) 663000 (3945.00 MHz)	70 MHz	BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
	649334 (3740.01 MHz) 656000 (3840.00 MHz) 662666 (3939.99 MHz)	80 MHz	BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
	649668 (3745.02 MHz) 656000 (3840.00 MHz) 662332 (3934.98 MHz)	90 MHz	BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
	650000 (3750.00 MHz) 656000 (3840.00 MHz) 662000 (3930.00 MHz)	100 MHz	BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
Radiated Emission Below 1GHz	663666 (3954.99 MHz)	50 MHz	QPSK	1 RB
Radiated Emission Above 1GHz	647000 (3705.00 MHz) 656000 (3840.00 MHz) 665000 (3975.00 MHz)	10 MHz	QPSK	1 RB
	648334 (3725.01 MHz) 656000 (3840.00 MHz) 663666 (3954.99 MHz)	50 MHz	QPSK	1 RB
	650000 (3750.00 MHz) 656000 (3840.00 MHz) 662000 (3930.00 MHz)	100 MHz	QPSK	1 RB

3.4 Test Program Used and Operation Descriptions

There is no need to controlling software during the test, and the EUT can be paired with the 5G Wireless Test Platforms to test the connection when it is powered on.

3.5 Connection Diagram of EUT and Peripheral Devices



3.6 Configuration of Peripheral Devices and Cable Connections

ID	Product	Brand	Model No.	Serial No.	FCC ID	Remarks
A	Load*2	N/A	N/A	N/A	N/A	Provided by Lab
B	USB Flash	SanDisk	SDDDC3-032G	N/A	N/A	Provided by Lab
C	Notebook	Lenovo	X250ALT5	PC06HPSE	N/A	Provided by Lab
D	5G Wireless Test Platforms	Keysight	E7515B	MY60102114	N/A	Provided by Lab
E	WIFI Gateway	Vantiva	MGA5331	NA	NA	Provided by applicant
F	Adapter	HONOR	ADS-42FI-12 12042EPCU-L	NA	NA	Provided by applicant

ID	Cable Descriptions	Qty.	Length (m)	Shielding (Yes/No)	Cores (Qty.)	Remarks
1	RJ11 Cable	1	1.5	NO	0	Provided by Lab
2	RJ45 Cable	4	1.5	NO	0	Provided by Lab
3	RJ45 Cable	1	10	NO	0	Provided by Lab

4 Test Instruments

The calibration interval of the all test instruments are 12 months and the calibrations are traceable to NML/ROC and NIST/USA.

4.1 Effective Radiated Power and Equivalent Isotropically Radiated Power

Description Manufacturer	Model No.	Serial No.	Calibrated Date	Calibrated Until
PXA Signal Analyzer KEYSIGHT	N9030B	MY57140488	2023/3/6	2024/03/05
5G Wireless Test Platforms Keysight	E7515B	MY60102114	2022/5/20	2023/5/19
			2023/5/18	2024/5/17
Software BV	ADT_RF Test Software V6.6.5.4	N/A	N/A	N/A

Notes:

1. The test was performed in Oven room.
2. Tested Date: 2023/5/17 ~ 2023/6/2

4.2 Radiated Spurious Emissions below 1GHz

Description Manufacturer	Model No.	Serial No.	Calibrated Date	Calibrated Until
Software BV ADT	ADT_Radiated_ V7.6.15.9.5	NA	NA	NA
Antenna Tower &Turn BV ADT	AT100	AT93021705	NA	NA
Turn Table BV ADT	TT100	TT93021705	NA	NA
Turn Table Controller BV ADT	SC100	SC93021705	NA	NA
MXE EMI Receiver Keysight	N9038A	MY55420137	2023/5/3	2024/5/2
Signal & Spectrum Analyzer R&S	FSW43	101867	2022/12/30	2023/12/29
Loop Antenna TESEQ	HLA 6121	45745	2022/7/27	2023/7/26
Loop Antenna Electro-Metrics	EM-6879	269	2022/9/19	2023/9/18
Preamplifier EMCI	EMC001340	980201	2022/9/23	2023/9/22
RF Coaxial Cable EMCI	5D-NM-BM	140903+140902	2023/1/7	2024/1/6
Preamplifier Agilent	8447D	2944A10638	2023/5/7	2024/5/6
Bi_Log Antenna Schwarbeck	VULB 9168	9168-160	2022/10/20	2023/10/19
RF Coaxial Cable Woken	8D-FB	Cable-CH9-01	2023/5/7	2024/5/6
5G Wireless Test Platforms Keysight	E7515B	MY60102114	2022/5/20	2023/5/19
			2023/5/18	2024/5/17

Notes:

1. The test was performed in HY - 966 chamber 4.
2. Tested Date: 2023/5/17 ~ 2023/6/2

4.3 Radiated Spurious Emissions above 1GHz

Description Manufacturer	Model No.	Serial No.	Calibrated Date	Calibrated Until
Software BV ADT	ADT_Radiated_ V7.6.15.9.5	NA	NA	NA
Antenna Tower &Turn BV ADT	AT100	AT93021705	NA	NA
Turn Table BV ADT	TT100	TT93021705	NA	NA
Turn Table Controller BV ADT	SC100	SC93021705	NA	NA
MXE EMI Receiver Keysight	N9038A	MY55420137	2023/5/3	2024/5/2
Signal & Spectrum Analyzer R&S	FSW43	101867	2022/12/30	2023/12/29
Horn Antenna Schwarzbeck	BBHA 9120D	9120D-1169	2022/11/13	2023/11/12
Preamplifier Agilent	8449B	3008A02367	2023/2/15	2024/2/14
RF Coaxial Cable HUBER+SUHNER&EMCI	SUCOFLEX 104 & EMC104-SM-SM8000	CABLE-CH9-02 (248780+171006)	2023/1/7	2024/1/6
RF Coaxial Cable HUBER+SUHNER	SUCOFLEX 104	CABLE-CH9-(250795/4)	2023/1/7	2024/1/6
Notch Filter Micro-Tronics	BRM50716	060	2023/1/11	2024/1/10
Notch Filter Micro-Tronics	BRM17690	004	2023/1/11	2024/1/10
Boresight antenna tower fixture BV	BAF-02	5	NA	NA
Preamplifier EMCI	EMC 184045	980116	2022/10/1	2023/9/30
Horn Antenna Schwarzbeck	BBHA 9170	9170-480	2022/11/13	2023/11/12
Horn Antenna Schwarzbeck	BBHA 9170	BBHA9170243	2022/11/13	2023/11/12
RF Coaxial Cable EMCI	EMC102-KM-KM-3000	150929	2022/7/9	2023/7/8
RF Coaxial Cable EMCI	EMC102-KM-KM-600	150928	2022/7/9	2023/7/8
5G Wireless Test Platforms Keysight	E7515B	MY60102114	2022/5/20	2023/5/19
			2023/5/18	2024/5/17

Notes:

1. The test was performed in HY - 966 chamber 4.
2. Tested Date: 2023/5/17 ~ 2023/6/2

5 Limits of Test Items

5.1 Effective Radiated Power and Equivalent Isotropically Radiated Power

For NR n2, NR n25:

Mobile and portable stations are limited to 2 watts EIRP.

For NR n5:

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

For NR n38, NR n41:

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

For NR n66:

Fixed, mobile, and portable (hand-held) stations operating in the 1710-1755 MHz band and mobile and portable stations operating in the 1695-1710 MHz and 1755-1780 MHz bands are limited to 1 watt EIRP.

For NR n12, NR n71:

Portable stations (hand-held devices) in the 600 MHz uplink band and the 698-746 MHz band, and fixed and mobile stations in the 600 MHz uplink band are limited to 3 watts ERP.

For NR n77 (3450-3550 MHz):

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

For NR n77 (3700-3980 MHz):

Mobile and portable stations are limited to 1 Watt EIRP.

5.2 Radiated Spurious Emissions below 1GHz

For NR n2, NR n5, NR n25:

The power of any emission outside of the authorized operating frequency ranges must be attenuated below the transmitting power (P) by a factor of at least 43 + 10 log(P) dB. The emission limit equal to –13 dBm.

For NR n38, NR n41:

According to FCC 47 CFR part 27.53(m)(4), on any frequency outside a licensee’s frequency block, The power of any emission shall be attenuated below the transmitter power (P) by at least 55 + 10 log (P) dB. The emission limit equal to –25 dBm.

For NR n66:

According to FCC 47 CFR part 27.53(h), for operations in the 1695-1710 MHz, 1710-1755 MHz, 1755-1780 MHz bands, the power of any emission outside a licensee's frequency block shall be attenuated below the transmitter power (P) in watts by at least 43 + 10 log (P) dB. The limit of emission is equal to -13 dBm.

For NR n12, NR n71:

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

For NR n77 (3450-3550 MHz):

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

For NR n77 (3700-3980 MHz):

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

5.3 Radiated Spurious Emissions above 1GHz

For NR n2, NR n5, NR n25:

The power of any emission outside of the authorized operating frequency ranges must be attenuated below the transmitting power (P) by a factor of at least 43 + 10 log(P) dB. The emission limit equal to –13 dBm.

For NR n38, NR n41:

According to FCC 47 CFR part 27.53(m)(4), on any frequency outside a licensee's frequency block, The power of any emission shall be attenuated below the transmitter power (P) by at least 55 + 10 log (P) dB. The emission limit equal to –25 dBm.

For NR n66:

According to FCC 47 CFR part 27.53(h), for operations in the 1695-1710 MHz, 1710-1755 MHz, 1755-1780 MHz bands, the power of any emission outside a licensee's frequency block shall be attenuated below the transmitter power (P) in watts by at least 43 + 10 log (P) dB. The limit of emission is equal to -13 dBm.

For NR n12, NR n71:

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

For NR n77 (3450-3550 MHz):

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

For NR n77 (3700-3980 MHz):

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

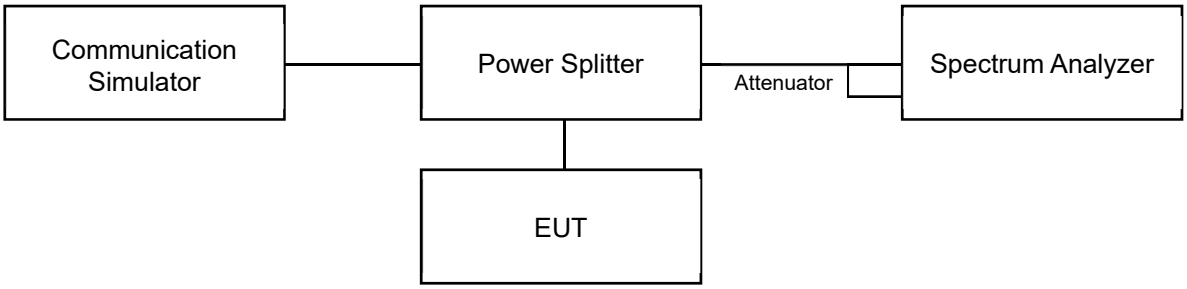
6 Test Arrangements

6.1 Effective Radiated Power and Equivalent Isotropically Radiated Power

6.1.1 Test Setup

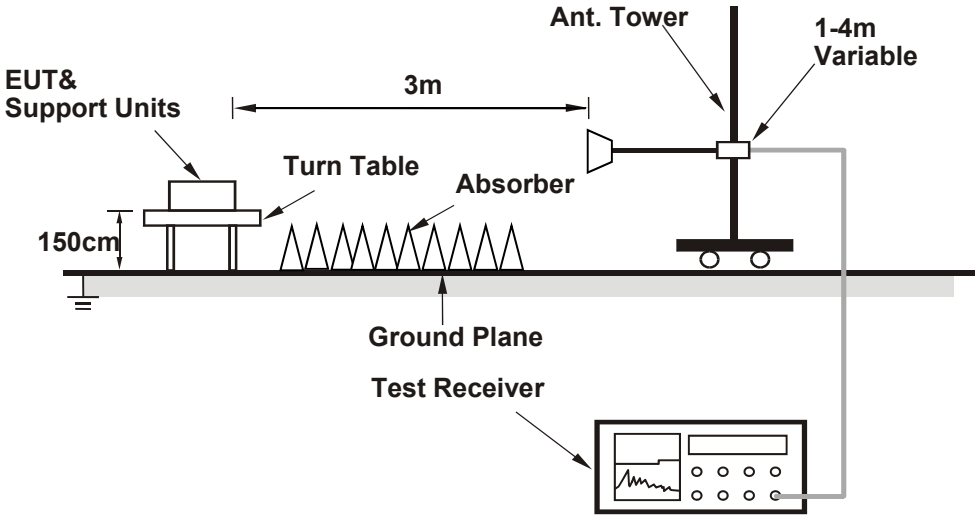
For 5GNR n2, n5, n12, n25, n38, n41, n66, n71, n77 (SA):

Conducted Power Measurement:



For 5GNR n41, n77 (UL-MIMO):

Radiated Power Measurement:



6.1.2 Test Procedure

For 5GNR n2, n5, n12, n25, n38, n41, n66, n71, n77 (SA):

Conducted Power Measurement:

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

Measurement method refers to ANSI C63.26 section 5.2.4.4.

Maximum EIRP / ERP

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

$EIRP = P_{Meas} + G_T$

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

where

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

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

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

For 5GNR n41, n77 (UL-MIMO):

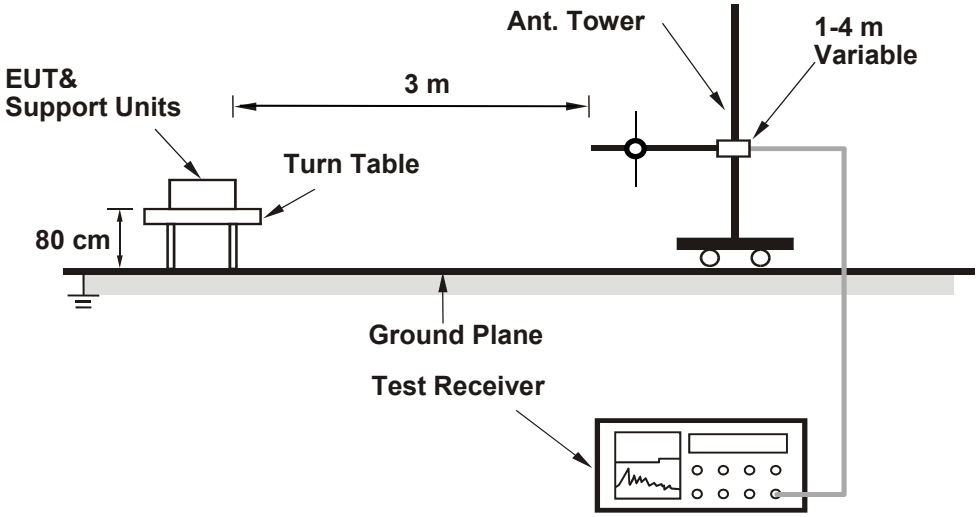
Radiated Power Measurement:

a. Set span to at least 1.5 times the OBW.
b. Set RBW = 1-5% of the OBW, not to exceed 1 MHz.
c. Set VBW ≥ 3 × RBW.
d. Set number of points in sweep ≥ 2 × span / RBW.
e. Sweep time = auto-couple.
f. Detector = RMS (power averaging).
g. If the EUT can be configured to transmit continuously (i.e., burst duty cycle ≥ 98%), then set the trigger to free run.
h. If the EUT cannot be configured to transmit continuously (i.e., burst duty cycle < 98 %), then use a sweep trigger with the level set to enable triggering only on full power bursts and configure the EUT to transmit at full power for the entire duration of each sweep. Ensure that the sweep time is less than or equal to the transmission burst duration.
i. Trace average at least 100 traces in power averaging (i.e., RMS) mode.
j. Compute the power by integrating the spectrum across the OBW of the signal using the instrument's band or channel power measurement function, with the band/channel limits set equal to the OBW band edges. If the instrument does not have a band or channel power function, then sum the spectrum levels (in linear power units) at intervals equal to the RBW extending across the entire OBW of the spectrum.
k. For per 10MHz method, channel power integrating bandwidth 10MHz is used for bandwidth 5M, 10M, 15M and 20M. For full power method, channel power integrating bandwidth 10MHz is used for bandwidth 5M, 10M, integrating bandwidth 15MHz is used for bandwidth 15M, integrating bandwidth 20MHz is used for bandwidth 20M.
l. In the semi-anechoic chamber, EUT placed on the 0.8 m (below or equal 1 GHz) and/or 1.5 m (above 1 GHz) height of Turn Table, rotated the table around 360 degrees to search the maximum radiation power and receiver antenna shall be rotated vertical and horizontal polarization and moved height from 1 m to 4 m to find the maximum polar radiated power. The "Read Value" is the spectrum reading the maximum power value.
m. EIRP (dBm) = E (dBμV/m) + 20log(D) − 104.8 ; where D is the measurement distance (in the far field region) in m.
n. Measurement method refers to ANSI C63.26 section 5.2.7 & 5.2.4.

6.2 Radiated Spurious Emissions below 1GHz

6.2.1 Test Setup

For radiated emission 30 MHz to 1 GHz



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

6.2.2 Test Procedure

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

a. In the semi-anechoic chamber, EUT placed on the 0.8 m (below or equal 1 GHz) height of turn table, rotated the table around 360 degrees to search the maximum radiation power and receiver antenna shall be rotated vertical and horizontal polarization and moved height from 1 m to 4 m to find the maximum polar radiated power. The "Read Value" is the spectrum reading the maximum power value.

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

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

d. Following C63.26 section 5.5 and 5.2.7

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

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

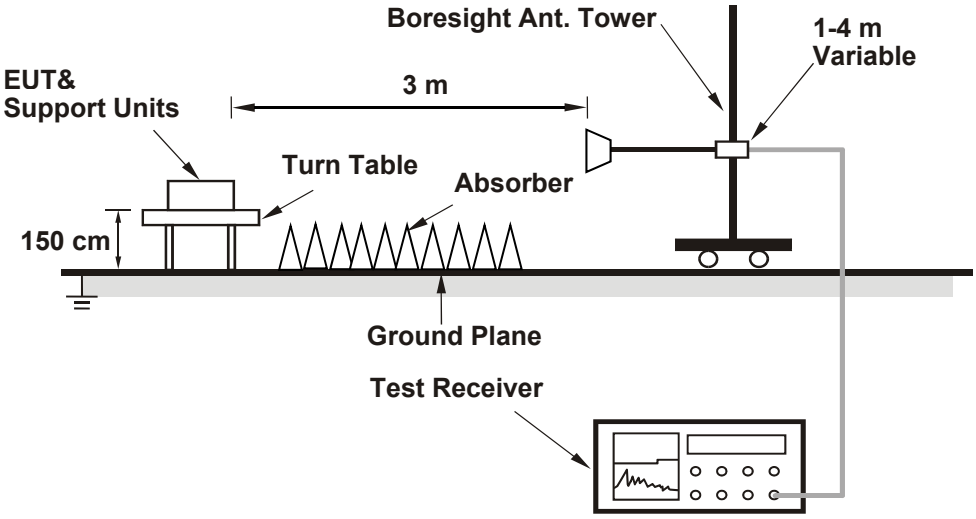
Note:

1. The resolution bandwidth and video bandwidth of test receiver/spectrum analyzer is 1 MHz/3 MHz.
2. The emission levels were against the limit of frequency range 9 kHz ~ 30 MHz:
   The amplitude of spurious emissions attenuated more than 20 dB below the permissible value is not required to be report.

6.3 Radiated Spurious Emissions above 1GHz

6.3.1 Test Setup

For radiated emission above 1 GHz



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

6.3.2 Test Procedure

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

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

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

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

d. Following C63.26 section 5.5 and 5.2.7

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

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

Note:

1. The resolution bandwidth and video bandwidth of test receiver/spectrum analyzer is 1 MHz/3 MHz.

7 Test Results of Test Item

7.1 Effective Radiated Power and Equivalent Isotropically Radiated Power

Input Power:	120Vac, 60Hz	Environmental Conditions:	21°C, 70% RH	Tested By:	James Yang

7.1.1 NR n2 SCS 15 kHz (SA)

Conducted Output Power (dBm)

NR Band 2						
BW	MCS Index	RB Size	RB Offset	Low	Mid	High
		Channel		372000	376000	380000
		Frequency (MHz)		1860	1880	1900
20M	DFT-S PI/2 BPSK	1	1	22.00	22.17	22.24
20M	DFT-S QPSK	1	1	22.05	22.22	22.29
		1	53	22.00	22.17	22.24
		1	104	21.97	22.13	22.21
		50	0	20.84	21.01	21.08
		50	28	21.73	21.88	21.95
		50	56	20.88	21.05	21.12
		100	0	20.91	21.08	21.15
20M	DFT-S 16QAM	1	1	20.98	21.15	21.22
20M	DFT-S 64QAM	1	1	19.79	19.96	20.03
20M	DFT-S 256QAM	1	1	17.57	17.74	17.81
20M	CP QPSK	1	1	20.83	21.00	21.07
BW	MCS Index	Channel		371500	376000	380500
		Frequency (MHz)		1857.5	1880	1902.5
15M	DFT-S PI/2 BPSK	1	1	21.90	22.16	22.19
15M	DFT-S QPSK	1	1	21.95	22.17	22.25
		1	40	22.00	22.13	22.22
		1	77	21.96	22.12	22.17
		36	0	20.80	20.99	21.06
		36	22	21.68	21.80	21.91
		36	43	20.86	21.01	21.10
		75	0	20.89	21.05	21.07
15M	DFT-S 16QAM	1	1	20.90	21.11	21.22
15M	DFT-S 64QAM	1	1	19.72	19.90	20.03
15M	DFT-S 256QAM	1	1	17.51	17.68	17.80
15M	CP QPSK	1	1	20.82	20.92	21.04

NR Band 2						
BW	MCS Index	RB Size	RB Offset	Low	Mid	High
		Channel		371000	376000	381000
		Frequency (MHz)		1855	1880	1905
10M	DFT-S PI/2 BPSK	1	1	21.94	22.08	22.17
10M	DFT-S QPSK	1	1	22.01	22.21	22.28
		1	26	21.95	22.09	22.16
		1	50	21.97	22.05	22.19
		25	0	20.83	20.99	21.01
		25	14	21.68	21.85	21.89
		25	27	20.88	21.05	21.06
		50	0	20.89	21.05	21.07
10M	DFT-S 16QAM	1	1	20.96	21.10	21.12
10M	DFT-S 64QAM	1	1	19.72	19.89	19.94
10M	DFT-S 256QAM	1	1	17.49	17.74	17.78
10M	CP QPSK	1	1	20.75	20.90	21.06
BW	MCS Index	Channel		370500	376000	381500
		Frequency (MHz)		1852.5	1880	1907.5
5M	DFT-S PI/2 BPSK	1	1	21.99	22.10	22.22
5M	DFT-S QPSK	1	1	22.00	22.18	22.22
		1	13	22.00	22.07	22.19
		1	23	21.97	22.09	22.21
		12	0	20.79	20.97	21.05
		12	7	21.67	21.84	21.89
		12	13	20.78	20.96	21.02
		25	0	20.82	21.02	21.13
5M	DFT-S 16QAM	1	1	20.89	21.10	21.16
5M	DFT-S 64QAM	1	1	19.69	19.88	19.96
5M	DFT-S 256QAM	1	1	17.56	17.74	17.72
5M	CP QPSK	1	1	20.79	20.99	21.06

EIRP Power (dBm)

NR Band 2						
BW	MCS Index	RB Size	RB Offset	Low	Mid	High
		Channel		372000	376000	380000
		Frequency (MHz)		1860	1880	1900
20M	DFT-S PI/2 BPSK	1	1	27.05	27.22	27.29
20M	DFT-S QPSK	1	1	27.10	27.27	27.34
		1	53	27.05	27.22	27.29
		1	104	27.02	27.18	27.26
		50	0	25.89	26.06	26.13
		50	28	26.78	26.93	27.00
		50	56	25.93	26.10	26.17
		100	0	25.96	26.13	26.20
20M	DFT-S 16QAM	1	1	26.03	26.20	26.27
20M	DFT-S 64QAM	1	1	24.84	25.01	25.08
20M	DFT-S 256QAM	1	1	22.62	22.79	22.86
20M	CP QPSK	1	1	25.88	26.05	26.12
BW	MCS Index	Channel		371500	376000	380500
		Frequency (MHz)		1857.5	1880	1902.5
15M	DFT-S PI/2 BPSK	1	1	26.95	27.21	27.24
15M	DFT-S QPSK	1	1	27.00	27.22	27.30
		1	40	27.05	27.18	27.27
		1	77	27.01	27.17	27.22
		36	0	25.85	26.04	26.11
		36	22	26.73	26.85	26.96
		36	43	25.91	26.06	26.15
		75	0	25.94	26.10	26.12
15M	DFT-S 16QAM	1	1	25.95	26.16	26.27
15M	DFT-S 64QAM	1	1	24.77	24.95	25.08
15M	DFT-S 256QAM	1	1	22.56	22.73	22.85
15M	CP QPSK	1	1	25.87	25.97	26.09

*EIRP (dBm) = Conducted Output Power (dBm) + Antenna Gain (5.05dBi)

NR Band 2						
BW	MCS Index	RB Size	RB Offset	Low	Mid	High
		Channel		371000	376000	381000
		Frequency (MHz)		1855	1880	1905
10M	DFT-S PI/2 BPSK	1	1	26.99	27.13	27.22
10M	DFT-S QPSK	1	1	27.06	27.26	27.33
		1	26	27.00	27.14	27.21
		1	50	27.02	27.10	27.24
		25	0	25.88	26.04	26.06
		25	14	26.73	26.90	26.94
		25	27	25.93	26.10	26.11
		50	0	25.94	26.10	26.12
10M	DFT-S 16QAM	1	1	26.01	26.15	26.17
10M	DFT-S 64QAM	1	1	24.77	24.94	24.99
10M	DFT-S 256QAM	1	1	22.54	22.79	22.83
10M	CP QPSK	1	1	25.80	25.95	26.11
BW	MCS Index	Channel		370500	376000	381500
		Frequency (MHz)		1852.5	1880	1907.5
5M	DFT-S PI/2 BPSK	1	1	27.04	27.15	27.27
5M	DFT-S QPSK	1	1	27.05	27.23	27.27
		1	13	27.05	27.12	27.24
		1	23	27.02	27.14	27.26
		12	0	25.84	26.02	26.10
		12	7	26.72	26.89	26.94
		12	13	25.83	26.01	26.07
		25	0	25.87	26.07	26.18
5M	DFT-S 16QAM	1	1	25.94	26.15	26.21
5M	DFT-S 64QAM	1	1	24.74	24.93	25.01
5M	DFT-S 256QAM	1	1	22.61	22.79	22.77
5M	CP QPSK	1	1	25.84	26.04	26.11

*EIRP (dBm) = Conducted Output Power (dBm) + Antenna Gain (5.05dBi)

7.1.2 NR n5 SCS 15 kHz (SA)

Conducted Output Power (dBm)

NR Band 5						
BW	MCS Index	RB Size	RB Offset	Low	Mid	High
		Channel		166800	167300	167800
		Frequency (MHz)		834	836.5	839
20M	DFT-S PI/2 BPSK	1	1	22.71	22.78	22.75
20M	DFT-S QPSK	1	1	22.68	22.82	22.78
		1	53	22.77	22.79	22.69
		1	104	22.70	22.77	22.73
		50	0	21.83	21.89	21.86
		50	28	22.77	22.80	22.73
		50	56	21.72	21.82	21.78
		100	0	21.79	21.88	21.88
20M	DFT-S 16QAM	1	1	21.75	21.76	21.69
20M	DFT-S 64QAM	1	1	20.41	20.51	20.49
20M	DFT-S 256QAM	1	1	17.94	18.01	17.92
20M	CP QPSK	1	1	21.24	21.32	21.31
BW	MCS Index	Channel		166300	167300	168300
		Frequency (MHz)		831.5	836.5	841.5
15M	DFT-S PI/2 BPSK	1	1	22.68	22.75	22.69
15M	DFT-S QPSK	1	1	22.62	22.78	22.69
		1	40	22.69	22.72	22.65
		1	77	22.66	22.73	22.65
		36	0	21.80	21.82	21.77
		36	22	22.67	22.79	22.66
		36	43	21.67	21.77	21.68
		75	0	21.71	21.82	21.78
15M	DFT-S 16QAM	1	1	21.73	21.67	21.60
15M	DFT-S 64QAM	1	1	20.38	20.43	20.41
15M	DFT-S 256QAM	1	1	17.94	17.91	17.91
15M	CP QPSK	1	1	21.21	21.23	21.23

NR Band 5						
BW	MCS Index	RB Size	RB Offset	Low	Mid	High
		Channel		165800	167300	168800
		Frequency (MHz)		829	836.5	844
10M	DFT-S PI/2 BPSK	1	1	22.62	22.75	22.67
10M	DFT-S QPSK	1	1	22.67	22.81	22.78
		1	26	22.69	22.70	22.63
		1	50	22.67	22.68	22.68
		25	0	21.83	21.88	21.84
		25	14	22.74	22.79	22.69
		25	27	21.71	21.77	21.68
		50	0	21.78	21.78	21.85
10M	DFT-S 16QAM	1	1	21.67	21.69	21.66
10M	DFT-S 64QAM	1	1	20.41	20.48	20.39
10M	DFT-S 256QAM	1	1	17.89	17.97	17.92
10M	CP QPSK	1	1	21.14	21.27	21.30
BW	MCS Index	Channel		165300	167300	169300
		Frequency (MHz)		826.5	836.5	846.5
5M	DFT-S PI/2 BPSK	1	1	22.66	22.75	22.74
5M	DFT-S QPSK	1	1	22.58	22.73	22.75
		1	13	22.68	22.76	22.60
		1	23	22.67	22.67	22.65
		12	0	21.83	21.80	21.85
		12	7	22.70	22.71	22.66
		12	13	21.71	21.72	21.74
		25	0	21.77	21.85	21.82
5M	DFT-S 16QAM	1	1	21.72	21.73	21.68
5M	DFT-S 64QAM	1	1	20.32	20.50	20.43
5M	DFT-S 256QAM	1	1	17.93	17.93	17.92
5M	CP QPSK	1	1	21.18	21.29	21.25

ERP Power (dBm)

NR Band 5						
BW	MCS Index	RB Size	RB Offset	Low	Mid	High
		Channel		166800	167300	167800
		Frequency (MHz)		834	836.5	839
20M	DFT-S PI/2 BPSK	1	1	22.94	23.01	22.98
20M	DFT-S QPSK	1	1	22.91	23.05	23.01
		1	53	23.00	23.02	22.92
		1	104	22.93	23.00	22.96
		50	0	22.06	22.12	22.09
		50	28	23.00	23.03	22.96
		50	56	21.95	22.05	22.01
		100	0	22.02	22.11	22.11
20M	DFT-S 16QAM	1	1	21.98	21.99	21.92
20M	DFT-S 64QAM	1	1	20.64	20.74	20.72
20M	DFT-S 256QAM	1	1	18.17	18.24	18.15
20M	CP QPSK	1	1	21.47	21.55	21.54
BW	MCS Index	Channel		166300	167300	168300
		Frequency (MHz)		831.5	836.5	841.5
15M	DFT-S PI/2 BPSK	1	1	22.91	22.98	22.92
15M	DFT-S QPSK	1	1	22.85	23.01	22.92
		1	40	22.92	22.95	22.88
		1	77	22.89	22.96	22.88
		36	0	22.03	22.05	22.00
		36	22	22.90	23.02	22.89
		36	43	21.90	22.00	21.91
		75	0	21.94	22.05	22.01
15M	DFT-S 16QAM	1	1	21.96	21.90	21.83
15M	DFT-S 64QAM	1	1	20.61	20.66	20.64
15M	DFT-S 256QAM	1	1	18.17	18.14	18.14
15M	CP QPSK	1	1	21.44	21.46	21.46

*ERP (dBm) = Conducted Output Power (dBm) + Antenna Gain (2.38dBi) - 2.15

NR Band 5						
BW	MCS Index	RB Size	RB Offset	Low	Mid	High
		Channel		165800	167300	168800
		Frequency (MHz)		829	836.5	844
10M	DFT-S PI/2 BPSK	1	1	22.85	22.98	22.90
10M	DFT-S QPSK	1	1	22.90	23.04	23.01
		1	26	22.92	22.93	22.86
		1	50	22.90	22.91	22.91
		25	0	22.06	22.11	22.07
		25	14	22.97	23.02	22.92
		25	27	21.94	22.00	21.91
		50	0	22.01	22.01	22.08
10M	DFT-S 16QAM	1	1	21.90	21.92	21.89
10M	DFT-S 64QAM	1	1	20.64	20.71	20.62
10M	DFT-S 256QAM	1	1	18.12	18.20	18.15
10M	CP QPSK	1	1	21.37	21.50	21.53
BW	MCS Index	Channel		165300	167300	169300
		Frequency (MHz)		826.5	836.5	846.5
5M	DFT-S PI/2 BPSK	1	1	22.89	22.98	22.97
5M	DFT-S QPSK	1	1	22.81	22.96	22.98
		1	13	22.91	22.99	22.83
		1	23	22.90	22.90	22.88
		12	0	22.06	22.03	22.08
		12	7	22.93	22.94	22.89
		12	13	21.94	21.95	21.97
		25	0	22.00	22.08	22.05
5M	DFT-S 16QAM	1	1	21.95	21.96	21.91
5M	DFT-S 64QAM	1	1	20.55	20.73	20.66
5M	DFT-S 256QAM	1	1	18.16	18.16	18.15
5M	CP QPSK	1	1	21.41	21.52	21.48

*ERP (dBm) = Conducted Output Power (dBm) + Antenna Gain (2.38dBi) - 2.15

7.1.3 NR n12 SCS 15 kHz (SA)

Conducted Output Power (dBm)

NR Band 12						
BW	MCS Index	RB Size	RB Offset	Low	Mid	High
		Channel		141300	141500	141700
		Frequency (MHz)		706.5	707.5	708.5
15M	DFT-S PI/2 BPSK	1	1	22.80	22.90	22.86
15M	DFT-S QPSK	1	1	22.91	22.99	22.97
		1	40	22.87	22.94	22.86
		1	77	22.77	22.87	22.78
		36	0	21.85	21.94	21.87
		36	22	22.88	22.95	22.91
		36	43	21.95	22.00	21.92
		75	0	21.98	21.98	21.89
15M	DFT-S 16QAM	1	1	21.93	21.94	21.86
15M	DFT-S 64QAM	1	1	20.61	20.62	20.53
15M	DFT-S 256QAM	1	1	17.92	17.99	17.91
15M	CP QPSK	1	1	21.43	21.43	21.37
BW	MCS Index	Channel		140800	141500	142200
		Frequency (MHz)		704	707.5	711
10M	DFT-S PI/2 BPSK	1	1	22.70	22.87	22.82
10M	DFT-S QPSK	1	1	22.87	22.94	22.90
		1	26	22.77	22.91	22.84
		1	50	22.74	22.84	22.70
		25	0	21.82	21.88	21.81
		25	14	22.83	22.85	22.84
		25	27	21.94	21.95	21.86
		50	0	21.93	21.88	21.79
10M	DFT-S 16QAM	1	1	21.85	21.91	21.81
10M	DFT-S 64QAM	1	1	20.53	20.61	20.44
10M	DFT-S 256QAM	1	1	17.89	17.92	17.86
10M	CP QPSK	1	1	21.38	21.37	21.28

NR Band 12						
BW	MCS Index	RB Size	RB Offset	Low	Mid	High
		Channel		140300	141500	142700
		Frequency (MHz)		701.5	707.5	713.5
5M	DFT-S PI/2 BPSK	1	1	22.74	22.89	22.76
5M	DFT-S QPSK	1	1	22.91	22.95	22.91
		1	13	22.84	22.85	22.78
		1	23	22.67	22.84	22.74
		12	0	21.85	21.87	21.83
		12	7	22.80	22.86	22.90
		12	13	21.95	21.97	21.86
		25	0	21.88	21.94	21.81
5M	DFT-S 16QAM	1	1	21.84	21.92	21.76
5M	DFT-S 64QAM	1	1	20.52	20.54	20.52
5M	DFT-S 256QAM	1	1	17.82	17.91	17.89
5M	CP QPSK	1	1	21.42	21.36	21.32

ERP Power (dBm)

NR Band 12						
BW	MCS Index	RB Size	RB Offset	Low	Mid	High
		Channel		141300	141500	141700
		Frequency (MHz)		706.5	707.5	708.5
15M	DFT-S PI/2 BPSK	1	1	21.77	21.87	21.83
15M	DFT-S QPSK	1	1	21.88	21.96	21.94
		1	40	21.84	21.91	21.83
		1	77	21.74	21.84	21.75
		36	0	20.82	20.91	20.84
		36	22	21.85	21.92	21.88
		36	43	20.92	20.97	20.89
		75	0	20.95	20.95	20.86
15M	DFT-S 16QAM	1	1	20.90	20.91	20.83
15M	DFT-S 64QAM	1	1	19.58	19.59	19.50
15M	DFT-S 256QAM	1	1	16.89	16.96	16.88
15M	CP QPSK	1	1	20.40	20.40	20.34
BW	MCS Index	Channel		140800	141500	142200
		Frequency (MHz)		704	707.5	711
10M	DFT-S PI/2 BPSK	1	1	21.67	21.84	21.79
10M	DFT-S QPSK	1	1	21.84	21.91	21.87
		1	26	21.74	21.88	21.81
		1	50	21.71	21.81	21.67
		25	0	20.79	20.85	20.78
		25	14	21.80	21.82	21.81
		25	27	20.91	20.92	20.83
		50	0	20.90	20.85	20.76
10M	DFT-S 16QAM	1	1	20.82	20.88	20.78
10M	DFT-S 64QAM	1	1	19.50	19.58	19.41
10M	DFT-S 256QAM	1	1	16.86	16.89	16.83
10M	CP QPSK	1	1	20.35	20.34	20.25

*ERP (dBm) = Conducted Output Power (dBm) + Antenna Gain (1.12dBi) - 2.15

NR Band 12						
BW	MCS Index	RB Size	RB Offset	Low	Mid	High
		Channel		140300	141500	142700
		Frequency (MHz)		701.5	707.5	713.5
5M	DFT-S PI/2 BPSK	1	1	21.71	21.86	21.73
5M	DFT-S QPSK	1	1	21.88	21.92	21.88
		1	13	21.81	21.82	21.75
		1	23	21.64	21.81	21.71
		12	0	20.82	20.84	20.80
		12	7	21.77	21.83	21.87
		12	13	20.92	20.94	20.83
		25	0	20.85	20.91	20.78
5M	DFT-S 16QAM	1	1	20.81	20.89	20.73
5M	DFT-S 64QAM	1	1	19.49	19.51	19.49
5M	DFT-S 256QAM	1	1	16.79	16.88	16.86
5M	CP QPSK	1	1	20.39	20.33	20.29

*ERP (dBm) = Conducted Output Power (dBm) + Antenna Gain (1.12dBi) - 2.15

7.1.4 NR n25 SCS 15 kHz (SA)

Conducted Output Power (dBm)

NR Band 25						
BW	MCS Index	RB Size	RB Offset	Low	Mid	High
		Channel		374000	376500	379000
		Frequency (MHz)		1870	1882.5	1895
40M	DFT-S PI/2 BPSK	1	1	22.26	22.29	22.32
40M	DFT-S QPSK	1	1	22.33	22.35	22.39
		1	108	22.29	22.31	22.36
		1	214	22.24	22.19	22.25
		108	0	21.27	21.17	21.29
		108	54	22.17	22.11	22.26
		108	108	21.21	21.18	21.28
		216	0	21.29	21.27	21.25
40M	DFT-S 16QAM	1	1	21.12	21.03	21.13
40M	DFT-S 64QAM	1	1	19.66	19.63	19.67
40M	DFT-S 256QAM	1	1	18.03	18.00	18.09
40M	CP QPSK	1	1	20.84	20.80	20.92
BW	MCS Index	Channel		373000	376500	380000
		Frequency (MHz)		1865	1882.5	1900
30M	DFT-S PI/2 BPSK	1	1	22.09	22.06	22.20
30M	DFT-S QPSK	1	1	22.09	22.10	22.23
		1	80	22.01	22.12	22.17
		1	158	21.99	21.99	22.01
		80	0	21.08	21.13	21.21
		80	40	22.12	22.03	22.19
		80	80	21.17	21.18	21.21
		160	0	21.16	21.18	21.26
30M	DFT-S 16QAM	1	1	20.96	20.99	21.09
30M	DFT-S 64QAM	1	1	19.47	19.56	19.71
30M	DFT-S 256QAM	1	1	17.96	17.94	17.93
30M	CP QPSK	1	1	20.73	20.67	20.77

NR Band 25						
BW	MCS Index	RB Size	RB Offset	Low	Mid	High
		Channel		372500	376500	380500
		Frequency (MHz)		1862.5	1882.5	1902.5
25M	DFT-S PI/2 BPSK	1	1	22.05	22.04	22.11
25M	DFT-S QPSK	1	1	22.11	22.05	22.11
		1	67	22.10	22.08	22.05
		1	131	22.06	21.99	21.98
		64	0	21.19	21.20	21.14
		64	35	22.11	22.05	22.08
		64	69	21.18	21.08	21.14
		128	0	21.19	21.11	21.15
25M	DFT-S 16QAM	1	1	20.97	20.96	21.06
25M	DFT-S 64QAM	1	1	19.54	19.54	19.67
25M	DFT-S 256QAM	1	1	18.00	17.99	17.95
25M	CP QPSK	1	1	20.82	20.71	20.78
BW	MCS Index	Channel		372000	376500	381000
		Frequency (MHz)		1860	1882.5	1905
20M	DFT-S PI/2 BPSK	1	1	22.20	22.22	22.28
20M	DFT-S QPSK	1	1	22.09	22.12	22.30
		1	53	22.15	22.24	22.25
		1	104	22.17	22.12	22.21
		50	0	21.27	21.27	21.34
		50	28	22.21	22.19	22.29
		50	56	21.24	21.27	21.32
		100	0	21.32	21.34	21.35
20M	DFT-S 16QAM	1	1	21.14	21.12	21.21
20M	DFT-S 64QAM	1	1	19.68	19.68	19.77
20M	DFT-S 256QAM	1	1	18.09	18.07	18.11
20M	CP QPSK	1	1	20.85	20.83	20.93
BW	MCS Index	Channel		371500	376500	381500
		Frequency (MHz)		1857.5	1882.5	1907.5
15M	DFT-S PI/2 BPSK	1	1	22.16	22.17	22.19
15M	DFT-S QPSK	1	1	22.02	22.06	22.23
		1	40	22.08	22.18	22.17
		1	77	22.11	22.02	22.13
		36	0	21.23	21.17	21.24
		36	22	22.20	22.13	22.29
		36	43	21.23	21.18	21.31
		75	0	21.27	21.24	21.33
15M	DFT-S 16QAM	1	1	21.14	21.12	21.21
15M	DFT-S 64QAM	1	1	19.65	19.63	19.74
15M	DFT-S 256QAM	1	1	18.07	18.04	18.09
15M	CP QPSK	1	1	20.80	20.75	20.92

NR Band 25						
BW	MCS Index	RB Size	RB Offset	Low	Mid	High
		Channel		371000	376500	382000
		Frequency (MHz)		1855	1882.5	1910
10M	DFT-S PI/2 BPSK	1	1	22.14	22.18	22.19
10M	DFT-S QPSK	1	1	22.00	22.11	22.20
		1	26	22.11	22.19	22.20
		1	50	22.13	22.10	22.18
		25	0	21.17	21.22	21.34
		25	14	22.15	22.11	22.29
		25	27	21.24	21.17	21.27
		50	0	21.26	21.27	21.33
10M	DFT-S 16QAM	1	1	21.08	21.08	21.14
10M	DFT-S 64QAM	1	1	19.67	19.58	19.75
10M	DFT-S 256QAM	1	1	18.07	18.05	18.05
10M	CP QPSK	1	1	20.82	20.74	20.92
BW	MCS Index	Channel		370500	376500	382500
		Frequency (MHz)		1852.5	1882.5	1912.5
5M	DFT-S PI/2 BPSK	1	1	22.14	22.12	22.21
5M	DFT-S QPSK	1	1	21.99	22.04	22.22
		1	13	22.07	22.15	22.20
		1	23	22.16	22.10	22.16
		12	0	21.20	21.20	21.27
		12	7	22.21	22.09	22.25
		12	13	21.23	21.21	21.27
		25	0	21.29	21.32	21.33
5M	DFT-S 16QAM	1	1	21.05	21.05	21.21
5M	DFT-S 64QAM	1	1	19.63	19.68	19.73
5M	DFT-S 256QAM	1	1	18.09	18.06	18.02
5M	CP QPSK	1	1	20.85	20.83	20.91

EIRP Power (dBm)

NR Band 25						
BW	MCS Index	RB Size	RB Offset	Low	Mid	High
		Channel		374000	376500	379000
		Frequency (MHz)		1870	1882.5	1895
40M	DFT-S PI/2 BPSK	1	1	27.31	27.34	27.37
40M	DFT-S QPSK	1	1	27.38	27.40	27.44
		1	108	27.34	27.36	27.41
		1	214	27.29	27.24	27.30
		108	0	26.32	26.22	26.34
		108	54	27.22	27.16	27.31
		108	108	26.26	26.23	26.33
		216	0	26.34	26.32	26.30
40M	DFT-S 16QAM	1	1	26.17	26.08	26.18
40M	DFT-S 64QAM	1	1	24.71	24.68	24.72
40M	DFT-S 256QAM	1	1	23.08	23.05	23.14
40M	CP QPSK	1	1	25.89	25.85	25.97
BW	MCS Index	Channel		373000	376500	380000
		Frequency (MHz)		1865	1882.5	1900
30M	DFT-S PI/2 BPSK	1	1	27.14	27.11	27.25
30M	DFT-S QPSK	1	1	27.14	27.15	27.28
		1	80	27.06	27.17	27.22
		1	158	27.04	27.04	27.06
		80	0	26.13	26.18	26.26
		80	40	27.17	27.08	27.24
		80	80	26.22	26.23	26.26
		160	0	26.21	26.23	26.31
30M	DFT-S 16QAM	1	1	26.01	26.04	26.14
30M	DFT-S 64QAM	1	1	24.52	24.61	24.76
30M	DFT-S 256QAM	1	1	23.01	22.99	22.98
30M	CP QPSK	1	1	25.78	25.72	25.82

*EIRP (dBm) = Conducted Output Power (dBm) + Antenna Gain (5.05dBi)

NR Band 25						
BW	MCS Index	RB Size	RB Offset	Low	Mid	High
		Channel		372500	376500	380500
		Frequency (MHz)		1862.5	1882.5	1902.5
25M	DFT-S PI/2 BPSK	1	1	27.10	27.09	27.16
25M	DFT-S QPSK	1	1	27.16	27.10	27.16
		1	67	27.15	27.13	27.10
		1	131	27.11	27.04	27.03
		64	0	26.24	26.25	26.19
		64	35	27.16	27.10	27.13
		64	69	26.23	26.13	26.19
		128	0	26.24	26.16	26.20
25M	DFT-S 16QAM	1	1	26.02	26.01	26.11
25M	DFT-S 64QAM	1	1	24.59	24.59	24.72
25M	DFT-S 256QAM	1	1	23.05	23.04	23.00
25M	CP QPSK	1	1	25.87	25.76	25.83
BW	MCS Index	Channel		372000	376500	381000
		Frequency (MHz)		1860	1882.5	1905
20M	DFT-S PI/2 BPSK	1	1	27.25	27.27	27.33
20M	DFT-S QPSK	1	1	27.14	27.17	27.35
		1	53	27.20	27.29	27.30
		1	104	27.22	27.17	27.26
		50	0	26.32	26.32	26.39
		50	28	27.26	27.24	27.34
		50	56	26.29	26.32	26.37
		100	0	26.37	26.39	26.40
20M	DFT-S 16QAM	1	1	26.19	26.17	26.26
20M	DFT-S 64QAM	1	1	24.73	24.73	24.82
20M	DFT-S 256QAM	1	1	23.14	23.12	23.16
20M	CP QPSK	1	1	25.90	25.88	25.98
BW	MCS Index	Channel		371500	376500	381500
		Frequency (MHz)		1857.5	1882.5	1907.5
15M	DFT-S PI/2 BPSK	1	1	27.21	27.22	27.24
15M	DFT-S QPSK	1	1	27.07	27.11	27.28
		1	40	27.13	27.23	27.22
		1	77	27.16	27.07	27.18
		36	0	26.28	26.22	26.29
		36	22	27.25	27.18	27.34
		36	43	26.28	26.23	26.36
		75	0	26.32	26.29	26.38
15M	DFT-S 16QAM	1	1	26.19	26.17	26.26
15M	DFT-S 64QAM	1	1	24.70	24.68	24.79
15M	DFT-S 256QAM	1	1	23.12	23.09	23.14
15M	CP QPSK	1	1	25.85	25.80	25.97

*EIRP (dBm) = Conducted Output Power (dBm) + Antenna Gain (5.05dBi)

NR Band 25						
BW	MCS Index	RB Size	RB Offset	Low	Mid	High
		Channel		371000	376500	382000
		Frequency (MHz)		1855	1882.5	1910
10M	DFT-S PI/2 BPSK	1	1	27.19	27.23	27.24
10M	DFT-S QPSK	1	1	27.05	27.16	27.25
		1	26	27.16	27.24	27.25
		1	50	27.18	27.15	27.23
		25	0	26.22	26.27	26.39
		25	14	27.20	27.16	27.34
		25	27	26.29	26.22	26.32
		50	0	26.31	26.32	26.38
10M	DFT-S 16QAM	1	1	26.13	26.13	26.19
10M	DFT-S 64QAM	1	1	24.72	24.63	24.80
10M	DFT-S 256QAM	1	1	23.12	23.10	23.10
10M	CP QPSK	1	1	25.87	25.79	25.97
BW	MCS Index	Channel		370500	376500	382500
		Frequency (MHz)		1852.5	1882.5	1912.5
5M	DFT-S PI/2 BPSK	1	1	27.19	27.17	27.26
5M	DFT-S QPSK	1	1	27.04	27.09	27.27
		1	13	27.12	27.20	27.25
		1	23	27.21	27.15	27.21
		12	0	26.25	26.25	26.32
		12	7	27.26	27.14	27.30
		12	13	26.28	26.26	26.32
		25	0	26.34	26.37	26.38
5M	DFT-S 16QAM	1	1	26.10	26.10	26.26
5M	DFT-S 64QAM	1	1	24.68	24.73	24.78
5M	DFT-S 256QAM	1	1	23.14	23.11	23.07
5M	CP QPSK	1	1	25.90	25.88	25.96

*EIRP (dBm) = Conducted Output Power (dBm) + Antenna Gain (5.05dBi)

7.1.5 NR n38 SCS 30 kHz (SA)

Conducted Output Power (dBm)

NR Band 38 (Power Class II)						
BW	MCS Index	RB Size	RB Offset	Low	Mid	High
		Channel		518000	519000	520000
		Frequency (MHz)		2590	2595	2600
40M	DFT-S PI/2 BPSK	1	1	25.45	25.34	25.38
40M	DFT-S QPSK	1	1	25.52	25.41	25.45
		1	53	25.42	25.31	25.35
		1	104	25.38	25.27	25.31
		50	0	24.66	24.55	24.59
		50	28	25.51	25.40	25.44
		50	56	24.57	24.46	24.50
		100	0	24.49	24.38	24.42
40M	DFT-S 16QAM	1	1	24.51	24.40	24.44
40M	DFT-S 64QAM	1	1	22.73	22.62	22.66
40M	DFT-S 256QAM	1	1	20.83	20.72	20.76
40M	CP QPSK	1	1	23.94	23.83	23.87
BW	MCS Index	Channel		517000	519000	521000
		Frequency (MHz)		2585	2595	2605
30M	DFT-S PI/2 BPSK	1	1	25.41	25.29	25.31
30M	DFT-S QPSK	1	1	25.46	25.32	25.38
		1	39	25.40	25.28	25.30
		1	76	25.28	25.19	25.25
		36	0	24.65	24.55	24.56
		36	21	25.47	25.38	25.39
		36	42	24.53	24.38	24.49
		75	0	24.44	24.33	24.35
30M	DFT-S 16QAM	1	1	24.47	24.31	24.40
30M	DFT-S 64QAM	1	1	22.70	22.53	22.66
30M	DFT-S 256QAM	1	1	20.76	20.63	20.67
30M	CP QPSK	1	1	23.85	23.81	23.87

NR Band 38 (Power Class II)						
BW	MCS Index	RB Size	RB Offset	Low	Mid	High
		Channel		516000	519000	522000
		Frequency (MHz)		2580	2595	2610
20M	DFT-S PI/2 BPSK	1	1	25.38	25.33	25.28
20M	DFT-S QPSK	1	1	25.44	25.41	25.45
		1	26	25.38	25.22	25.34
		1	49	25.38	25.20	25.30
		25	0	24.62	24.49	24.53
		25	13	25.51	25.34	25.37
		25	26	24.51	24.46	24.49
		50	0	24.47	24.37	24.38
20M	DFT-S 16QAM	1	1	24.47	24.34	24.34
20M	DFT-S 64QAM	1	1	22.66	22.55	22.64
20M	DFT-S 256QAM	1	1	20.73	20.66	20.74
20M	CP QPSK	1	1	23.85	23.77	23.86
BW	MCS Index	Channel		515500	519000	522500
		Frequency (MHz)		2577.5	2595	2612.5
15M	DFT-S PI/2 BPSK	1	1	25.36	25.27	25.34
15M	DFT-S QPSK	1	1	25.46	25.41	25.39
		1	19	25.38	25.22	25.26
		1	36	25.33	25.18	25.31
		18	0	24.63	24.52	24.56
		18	10	25.49	25.40	25.39
		18	20	24.49	24.46	24.46
		36	0	24.43	24.28	24.40
15M	DFT-S 16QAM	1	1	24.41	24.35	24.39
15M	DFT-S 64QAM	1	1	22.71	22.52	22.58
15M	DFT-S 256QAM	1	1	20.77	20.63	20.75
15M	CP QPSK	1	1	23.94	23.83	23.86
BW	MCS Index	Channel		515000	519000	523000
		Frequency (MHz)		2575	2595	2615
10M	DFT-S PI/2 BPSK	1	1	25.39	25.31	25.36
10M	DFT-S QPSK	1	1	25.42	25.39	25.38
		1	11	25.35	25.30	25.33
		1	22	25.35	25.17	25.27
		12	0	24.57	24.46	24.55
		12	6	25.49	25.35	25.43
		12	12	24.53	24.38	24.41
		24	0	24.44	24.32	24.39
10M	DFT-S 16QAM	1	1	24.42	24.38	24.44
10M	DFT-S 64QAM	1	1	22.65	22.59	22.59
10M	DFT-S 256QAM	1	1	20.83	20.65	20.71
10M	CP QPSK	1	1	23.93	23.78	23.78

NR Band 38 (Power Class III)						
BW	MCS Index	RB Size	RB Offset	Low	Mid	High
		Channel		518000	519000	520000
		Frequency (MHz)		2590	2595	2600
40M	DFT-S PI/2 BPSK	1	1	22.05	21.92	21.85
40M	DFT-S QPSK	1	1	22.11	22.08	22.05
		1	53	21.69	21.66	21.63
		1	104	21.46	21.43	21.40
		50	0	21.58	21.55	21.52
		50	28	21.02	20.99	20.96
		50	56	21.41	21.38	21.35
		100	0	21.65	21.62	21.59
40M	DFT-S 16QAM	1	1	22.07	22.04	22.01
40M	DFT-S 64QAM	1	1	19.52	19.49	19.46
40M	DFT-S 256QAM	1	1	17.36	17.33	17.30
40M	CP QPSK	1	1	20.46	20.43	20.40
BW	MCS Index	Channel		517000	519000	521000
		Frequency (MHz)		2585	2595	2605
30M	DFT-S PI/2 BPSK	1	1	21.98	21.88	21.80
30M	DFT-S QPSK	1	1	22.09	22.00	21.98
		1	39	21.69	21.65	21.60
		1	76	21.46	21.33	21.38
		36	0	21.49	21.53	21.50
		36	21	20.92	20.95	20.90
		36	42	21.37	21.30	21.35
		75	0	21.59	21.54	21.58
30M	DFT-S 16QAM	1	1	22.01	21.94	21.93
30M	DFT-S 64QAM	1	1	19.46	19.49	19.42
30M	DFT-S 256QAM	1	1	17.35	17.28	17.29
30M	CP QPSK	1	1	20.45	20.39	20.39

NR Band 38 (Power Class III)						
BW	MCS Index	RB Size	RB Offset	Low	Mid	High
		Channel		516000	519000	522000
		Frequency (MHz)		2580	2595	2610
20M	DFT-S PI/2 BPSK	1	1	21.90	21.84	21.69
20M	DFT-S QPSK	1	1	21.91	21.87	21.81
		1	26	21.50	21.51	21.39
		1	49	21.36	21.36	21.22
		25	0	21.52	21.48	21.40
		25	13	19.84	19.84	19.79
		25	26	21.31	21.27	21.16
		50	0	21.44	21.53	21.33
20M	DFT-S 16QAM	1	1	21.91	21.96	21.94
20M	DFT-S 64QAM	1	1	19.47	19.32	19.22
20M	DFT-S 256QAM	1	1	17.25	17.15	17.18
20M	CP QPSK	1	1	20.32	20.32	20.30
BW	MCS Index	Channel		515500	519000	522500
		Frequency (MHz)		2577.5	2595	2612.5
15M	DFT-S PI/2 BPSK	1	1	21.97	21.80	21.67
15M	DFT-S QPSK	1	1	21.99	21.87	21.80
		1	19	21.61	21.46	21.36
		1	36	21.36	21.25	21.21
		18	0	21.40	21.48	21.24
		18	10	20.88	20.84	20.78
		18	20	21.34	21.22	21.14
		36	0	21.47	21.48	21.38
15M	DFT-S 16QAM	1	1	21.89	21.87	21.95
15M	DFT-S 64QAM	1	1	19.30	19.36	19.29
15M	DFT-S 256QAM	1	1	17.26	17.15	17.16
15M	CP QPSK	1	1	20.38	20.24	20.31
BW	MCS Index	Channel		515000	519000	523000
		Frequency (MHz)		2575	2595	2615
10M	DFT-S PI/2 BPSK	1	1	21.89	21.80	21.74
10M	DFT-S QPSK	1	1	22.04	21.90	21.93
		1	11	21.55	21.63	21.50
		1	22	21.42	21.24	21.39
		12	0	21.44	21.49	21.46
		12	6	20.80	20.93	20.79
		12	12	21.34	21.19	21.33
		24	0	21.51	21.52	21.53
10M	DFT-S 16QAM	1	1	22.06	21.87	21.94
10M	DFT-S 64QAM	1	1	19.48	19.37	19.34
10M	DFT-S 256QAM	1	1	17.20	17.24	17.13
10M	CP QPSK	1	1	20.36	20.35	20.26

EIRP Power (dBm)

NR Band 38 (Power Class II)						
BW	MCS Index	RB Size	RB Offset	Low	Mid	High
		Channel		518000	519000	520000
		Frequency (MHz)		2590	2595	2600
40M	DFT-S PI/2 BPSK	1	1	31.56	31.45	31.49
40M	DFT-S QPSK	1	1	31.63	31.52	31.56
		1	53	31.53	31.42	31.46
		1	104	31.49	31.38	31.42
		50	0	30.77	30.66	30.70
		50	28	31.62	31.51	31.55
		50	56	30.68	30.57	30.61
		100	0	30.60	30.49	30.53
40M	DFT-S 16QAM	1	1	30.62	30.51	30.55
40M	DFT-S 64QAM	1	1	28.84	28.73	28.77
40M	DFT-S 256QAM	1	1	26.94	26.83	26.87
40M	CP QPSK	1	1	30.05	29.94	29.98
BW	MCS Index	Channel		517000	519000	521000
		Frequency (MHz)		2585	2595	2605
30M	DFT-S PI/2 BPSK	1	1	31.52	31.40	31.42
30M	DFT-S QPSK	1	1	31.57	31.43	31.49
		1	39	31.51	31.39	31.41
		1	76	31.39	31.30	31.36
		36	0	30.76	30.66	30.67
		36	21	31.58	31.49	31.50
		36	42	30.64	30.49	30.60
		75	0	30.55	30.44	30.46
30M	DFT-S 16QAM	1	1	30.58	30.42	30.51
30M	DFT-S 64QAM	1	1	28.81	28.64	28.77
30M	DFT-S 256QAM	1	1	26.87	26.74	26.78
30M	CP QPSK	1	1	29.96	29.92	29.98

*EIRP (dBm) = Conducted Output Power (dBm) + Antenna Gain (6.11dBi)

NR Band 38 (Power Class II)						
BW	MCS Index	RB Size	RB Offset	Low	Mid	High
		Channel		516000	519000	522000
		Frequency (MHz)		2580	2595	2610
20M	DFT-S PI/2 BPSK	1	1	31.49	31.44	31.39
20M	DFT-S QPSK	1	1	31.55	31.52	31.56
		1	26	31.49	31.33	31.45
		1	49	31.49	31.31	31.41
		25	0	30.73	30.60	30.64
		25	13	31.62	31.45	31.48
		25	26	30.62	30.57	30.60
		50	0	30.58	30.48	30.49
20M	DFT-S 16QAM	1	1	30.58	30.45	30.45
20M	DFT-S 64QAM	1	1	28.77	28.66	28.75
20M	DFT-S 256QAM	1	1	26.84	26.77	26.85
20M	CP QPSK	1	1	29.96	29.88	29.97
BW	MCS Index	Channel		515500	519000	522500
		Frequency (MHz)		2577.5	2595	2612.5
15M	DFT-S PI/2 BPSK	1	1	31.47	31.38	31.45
15M	DFT-S QPSK	1	1	31.57	31.52	31.50
		1	19	31.49	31.33	31.37
		1	36	31.44	31.29	31.42
		18	0	30.74	30.63	30.67
		18	10	31.60	31.51	31.50
		18	20	30.60	30.57	30.57
		36	0	30.54	30.39	30.51
15M	DFT-S 16QAM	1	1	30.52	30.46	30.50
15M	DFT-S 64QAM	1	1	28.82	28.63	28.69
15M	DFT-S 256QAM	1	1	26.88	26.74	26.86
15M	CP QPSK	1	1	30.05	29.94	29.97
BW	MCS Index	Channel		515000	519000	523000
		Frequency (MHz)		2575	2595	2615
10M	DFT-S PI/2 BPSK	1	1	31.50	31.42	31.47
10M	DFT-S QPSK	1	1	31.53	31.50	31.49
		1	11	31.46	31.41	31.44
		1	22	31.46	31.28	31.38
		12	0	30.68	30.57	30.66
		12	6	31.60	31.46	31.54
		12	12	30.64	30.49	30.52
		24	0	30.55	30.43	30.50
10M	DFT-S 16QAM	1	1	30.53	30.49	30.55
10M	DFT-S 64QAM	1	1	28.76	28.70	28.70
10M	DFT-S 256QAM	1	1	26.94	26.76	26.82
10M	CP QPSK	1	1	30.04	29.89	29.89

*EIRP (dBm) = Conducted Output Power (dBm) + Antenna Gain (6.11dBi)

NR Band 38 (Power Class III)						
BW	MCS Index	RB Size	RB Offset	Low	Mid	High
		Channel		518000	519000	520000
		Frequency (MHz)		2590	2595	2600
40M	DFT-S PI/2 BPSK	1	1	28.16	28.03	27.96
40M	DFT-S QPSK	1	1	28.22	28.19	28.16
		1	53	27.80	27.77	27.74
		1	104	27.57	27.54	27.51
		50	0	27.69	27.66	27.63
		50	28	27.13	27.10	27.07
		50	56	27.52	27.49	27.46
		100	0	27.76	27.73	27.70
40M	DFT-S 16QAM	1	1	28.18	28.15	28.12
40M	DFT-S 64QAM	1	1	25.63	25.60	25.57
40M	DFT-S 256QAM	1	1	23.47	23.44	23.41
40M	CP QPSK	1	1	26.57	26.54	26.51
BW	MCS Index	Channel		517000	519000	521000
		Frequency (MHz)		2585	2595	2605
30M	DFT-S PI/2 BPSK	1	1	28.09	27.99	27.91
30M	DFT-S QPSK	1	1	28.20	28.11	28.09
		1	39	27.80	27.76	27.71
		1	76	27.57	27.44	27.49
		36	0	27.60	27.64	27.61
		36	21	27.03	27.06	27.01
		36	42	27.48	27.41	27.46
		75	0	27.70	27.65	27.69
30M	DFT-S 16QAM	1	1	28.12	28.05	28.04
30M	DFT-S 64QAM	1	1	25.57	25.60	25.53
30M	DFT-S 256QAM	1	1	23.46	23.39	23.40
30M	CP QPSK	1	1	26.56	26.50	26.50

*EIRP (dBm) = Conducted Output Power (dBm) + Antenna Gain (6.11dBi)

NR Band 38 (Power Class III)						
BW	MCS Index	RB Size	RB Offset	Low	Mid	High
		Channel		516000	519000	522000
		Frequency (MHz)		2580	2595	2610
20M	DFT-S PI/2 BPSK	1	1	28.01	27.95	27.80
20M	DFT-S QPSK	1	1	28.02	27.98	27.92
		1	26	27.61	27.62	27.50
		1	49	27.47	27.47	27.33
		25	0	27.63	27.59	27.51
		25	13	25.95	25.95	25.90
		25	26	27.42	27.38	27.27
		50	0	27.55	27.64	27.44
20M	DFT-S 16QAM	1	1	28.02	28.07	28.05
20M	DFT-S 64QAM	1	1	25.58	25.43	25.33
20M	DFT-S 256QAM	1	1	23.36	23.26	23.29
20M	CP QPSK	1	1	26.43	26.43	26.41
BW	MCS Index	Channel		515500	519000	522500
		Frequency (MHz)		2577.5	2595	2612.5
15M	DFT-S PI/2 BPSK	1	1	28.08	27.91	27.78
15M	DFT-S QPSK	1	1	28.10	27.98	27.91
		1	19	27.72	27.57	27.47
		1	36	27.47	27.36	27.32
		18	0	27.51	27.59	27.35
		18	10	26.99	26.95	26.89
		18	20	27.45	27.33	27.25
		36	0	27.58	27.59	27.49
15M	DFT-S 16QAM	1	1	28.00	27.98	28.06
15M	DFT-S 64QAM	1	1	25.41	25.47	25.40
15M	DFT-S 256QAM	1	1	23.37	23.26	23.27
15M	CP QPSK	1	1	26.49	26.35	26.42
BW	MCS Index	Channel		515000	519000	523000
		Frequency (MHz)		2575	2595	2615
10M	DFT-S PI/2 BPSK	1	1	28.00	27.91	27.85
10M	DFT-S QPSK	1	1	28.15	28.01	28.04
		1	11	27.66	27.74	27.61
		1	22	27.53	27.35	27.50
		12	0	27.55	27.60	27.57
		12	6	26.91	27.04	26.90
		12	12	27.45	27.30	27.44
		24	0	27.62	27.63	27.64
10M	DFT-S 16QAM	1	1	28.17	27.98	28.05
10M	DFT-S 64QAM	1	1	25.59	25.48	25.45
10M	DFT-S 256QAM	1	1	23.31	23.35	23.24
10M	CP QPSK	1	1	26.47	26.46	26.37

*EIRP (dBm) = Conducted Output Power (dBm) + Antenna Gain (6.11dBi)

7.1.6 NR n41 SCS 30 kHz (SA)

Conducted Output Power (dBm)

NR Band 41 (Power Class II)						
BW	MCS Index	RB Size	RB Offset	Low	Mid	High
		Channel		509202	518598	528000
		Frequency (MHz)		2546.01	2592.99	2640
100M	DFT-S PI/2 BPSK	1	1	25.57	25.88	25.53
100M	DFT-S QPSK	1	1	25.63	25.92	25.56
		1	137	25.50	25.59	25.46
		1	271	25.29	25.34	25.20
		135	0	24.92	24.97	24.82
		135	69	25.58	25.68	25.56
		135	138	24.48	24.56	24.44
		270	0	24.56	24.73	24.56
100M	DFT-S 16QAM	1	1	25.15	25.29	25.05
100M	DFT-S 64QAM	1	1	23.24	23.43	23.21
100M	DFT-S 256QAM	1	1	21.29	21.40	21.24
100M	CP QPSK	1	1	24.54	24.70	24.54
BW	MCS Index	Channel		508200	518598	528996
		Frequency (MHz)		2541	2592.99	2644.98
90M	DFT-S PI/2 BPSK	1	1	25.51	25.86	25.45
90M	DFT-S QPSK	1	1	25.62	25.90	25.55
		1	123	25.41	25.51	25.45
		1	243	25.22	25.33	25.19
		120	0	24.89	24.91	24.76
		120	63	25.55	25.64	25.54
		120	125	24.48	24.49	24.44
		243	0	24.56	24.73	24.56
90M	DFT-S 16QAM	1	1	25.12	25.24	25.01
90M	DFT-S 64QAM	1	1	23.15	23.41	23.14
90M	DFT-S 256QAM	1	1	21.24	21.31	21.22
90M	CP QPSK	1	1	24.44	24.70	24.48

NR Band 41 (Power Class II)						
BW	MCS Index	RB Size	RB Offset	Low	Mid	High
		Channel		507204	518598	529998
		Frequency (MHz)		2536.02	2592.99	2649.99
80M	DFT-S PI/2 BPSK	1	1	25.47	25.75	25.47
80M	DFT-S QPSK	1	1	25.61	25.84	25.38
		1	109	25.39	25.56	25.35
		1	215	25.17	25.20	25.01
		108	0	24.86	24.81	24.71
		108	55	25.52	25.58	25.45
		108	109	24.34	24.54	24.35
		216	0	24.47	24.74	24.41
80M	DFT-S 16QAM	1	1	24.52	24.83	24.43
80M	DFT-S 64QAM	1	1	22.99	23.03	22.82
80M	DFT-S 256QAM	1	1	20.65	20.74	20.54
80M	CP QPSK	1	1	24.38	24.33	24.21
BW	MCS Index	Channel		506202	518598	531000
		Frequency (MHz)		2531.01	2592.99	2655
70M	DFT-S PI/2 BPSK	1	1	25.44	25.61	25.35
70M	DFT-S QPSK	1	1	25.52	25.76	25.44
		1	95	25.33	25.54	25.36
		1	187	25.25	25.30	25.06
		90	0	24.79	24.85	24.70
		90	50	25.40	25.56	25.49
		90	99	24.44	24.46	24.35
		180	0	24.53	24.75	24.45
70M	DFT-S 16QAM	1	1	24.45	24.76	24.40
70M	DFT-S 64QAM	1	1	22.84	22.99	22.78
70M	DFT-S 256QAM	1	1	20.76	20.77	20.62
70M	CP QPSK	1	1	24.31	24.37	24.20
BW	MCS Index	Channel		505200	518598	531996
		Frequency (MHz)		2526	2592.99	2659.98
60M	DFT-S PI/2 BPSK	1	1	25.47	25.75	25.26
60M	DFT-S QPSK	1	1	25.51	25.78	25.34
		1	81	25.34	25.49	25.30
		1	160	25.16	25.27	24.96
		81	0	24.83	24.84	24.69
		81	41	25.44	25.51	25.46
		81	81	24.31	24.39	24.25
		162	0	24.48	24.67	24.39
60M	DFT-S 16QAM	1	1	24.42	24.74	24.49
60M	DFT-S 64QAM	1	1	22.86	22.91	22.79
60M	DFT-S 256QAM	1	1	20.70	20.74	20.46
60M	CP QPSK	1	1	24.31	24.25	24.20

NR Band 41 (Power Class II)						
BW	MCS Index	RB Size	RB Offset	Low	Mid	High
		Channel		504204	518598	532998
		Frequency (MHz)		2521.02	2592.99	2664.99
50M	DFT-S PI/2 BPSK	1	1	25.30	25.56	25.33
50M	DFT-S QPSK	1	1	25.45	25.66	25.28
		1	67	25.30	25.43	25.28
		1	131	25.12	25.20	24.89
		64	0	24.69	24.75	24.72
		64	35	25.48	25.47	25.49
		64	69	24.30	24.26	24.22
		128	0	24.30	24.70	24.35
50M	DFT-S 16QAM	1	1	24.44	24.66	24.27
50M	DFT-S 64QAM	1	1	22.77	22.94	22.79
50M	DFT-S 256QAM	1	1	20.71	20.73	20.35
50M	CP QPSK	1	1	24.18	24.23	24.17
BW	MCS Index	Channel		503202	518598	534000
		Frequency (MHz)		2516.01	2592.99	2670
40M	DFT-S PI/2 BPSK	1	1	25.38	25.75	25.39
40M	DFT-S QPSK	1	1	25.43	25.77	25.42
		1	53	25.30	25.44	25.23
		1	104	25.09	25.19	24.90
		50	0	24.83	24.74	24.72
		50	28	25.44	25.48	25.46
		50	56	24.33	24.34	24.25
		100	0	24.38	24.71	24.40
40M	DFT-S 16QAM	1	1	24.43	24.83	24.42
40M	DFT-S 64QAM	1	1	22.78	22.95	22.70
40M	DFT-S 256QAM	1	1	20.60	20.65	20.42
40M	CP QPSK	1	1	24.30	24.32	24.16
BW	MCS Index	Channel		502200	518598	534996
		Frequency (MHz)		2511	2592.99	2674.98
30M	DFT-S PI/2 BPSK	1	1	25.14	25.41	25.00
30M	DFT-S QPSK	1	1	25.38	25.50	25.04
		1	39	25.26	25.23	25.01
		1	76	24.85	25.18	24.68
		36	0	24.63	24.60	24.48
		36	21	25.22	25.29	25.40
		36	42	24.01	24.13	24.07
		75	0	24.25	24.62	24.17
30M	DFT-S 16QAM	1	1	24.25	24.42	24.16
30M	DFT-S 64QAM	1	1	22.72	22.72	22.44
30M	DFT-S 256QAM	1	1	20.47	20.55	20.19
30M	CP QPSK	1	1	24.04	23.98	23.99

NR Band 41 (Power Class II)						
BW	MCS Index	RB Size	RB Offset	Low	Mid	High
		Channel		501204	518598	535998
		Frequency (MHz)		2506.02	2592.99	2679.99
20M	DFT-S PI/2 BPSK	1	1	25.29	25.64	25.19
20M	DFT-S QPSK	1	1	25.42	25.72	25.29
		1	26	25.29	25.38	25.21
		1	49	25.05	25.21	24.84
		25	0	24.78	24.71	24.53
		25	13	25.33	25.34	25.49
		25	26	24.20	24.23	24.11
		50	0	24.32	24.69	24.27
20M	DFT-S 16QAM	1	1	24.37	24.64	24.23
20M	DFT-S 64QAM	1	1	22.81	22.83	22.63
20M	DFT-S 256QAM	1	1	20.56	20.79	20.27
20M	CP QPSK	1	1	24.22	24.19	24.03

NR Band 41 (Power Class III)						
BW	MCS Index	RB Size	RB Offset	Low	Mid	High
		Channel		509202	518598	528000
		Frequency (MHz)		2546.01	2592.99	2640
100M	DFT-S PI/2 BPSK	1	1	22.24	22.48	21.92
100M	DFT-S QPSK	1	1	22.28	22.51	22.04
		1	137	21.92	22.15	21.68
		1	271	22.14	22.37	21.90
		135	0	21.21	21.44	20.97
		135	69	21.93	22.16	21.69
		135	138	21.20	21.43	20.96
		270	0	21.19	21.42	20.95
100M	DFT-S 16QAM	1	1	21.10	21.33	20.86
100M	DFT-S 64QAM	1	1	19.53	19.76	19.29
100M	DFT-S 256QAM	1	1	17.66	17.89	17.42
100M	CP QPSK	1	1	20.40	20.63	20.16
BW	MCS Index	Channel		508200	518598	528996
		Frequency (MHz)		2541	2592.99	2644.98
90M	DFT-S PI/2 BPSK	1	1	22.17	22.38	21.91
90M	DFT-S QPSK	1	1	22.18	22.41	22.00
		1	123	21.91	22.14	21.58
		1	243	22.14	22.27	21.87
		120	0	21.20	21.34	20.87
		120	63	21.89	22.10	21.66
		120	125	21.13	21.34	20.91
		243	0	21.09	21.41	20.86
90M	DFT-S 16QAM	1	1	21.02	21.31	20.81
90M	DFT-S 64QAM	1	1	19.52	19.73	19.19
90M	DFT-S 256QAM	1	1	17.65	17.84	17.39
90M	CP QPSK	1	1	20.36	20.63	20.06
BW	MCS Index	Channel		507204	518598	529998
		Frequency (MHz)		2536.02	2592.99	2649.99
80M	DFT-S PI/2 BPSK	1	1	22.10	22.35	21.76
80M	DFT-S QPSK	1	1	22.17	22.49	21.93
		1	109	21.84	22.08	21.61
		1	215	22.00	22.25	21.84
		108	0	21.15	21.41	20.83
		108	55	21.80	22.10	21.58
		108	109	21.06	21.30	20.92
		216	0	21.07	21.25	20.88
80M	DFT-S 16QAM	1	1	21.01	21.30	20.73
80M	DFT-S 64QAM	1	1	19.38	19.65	19.21
80M	DFT-S 256QAM	1	1	17.56	17.73	17.30
80M	CP QPSK	1	1	20.30	20.58	20.13

NR Band 41 (Power Class III)						
BW	MCS Index	RB Size	RB Offset	Low	Mid	High
		Channel		506202	518598	531000
		Frequency (MHz)		2531.01	2592.99	2655
70M	DFT-S PI/2 BPSK	1	1	22.06	22.39	21.84
70M	DFT-S QPSK	1	1	22.12	22.43	22.01
		1	95	21.88	22.01	21.58
		1	187	22.06	22.28	21.77
		90	0	21.15	21.40	20.94
		90	50	21.90	22.00	21.55
		90	99	21.10	21.32	20.86
		180	0	21.11	21.36	20.86
70M	DFT-S 16QAM	1	1	20.98	21.30	20.75
70M	DFT-S 64QAM	1	1	19.42	19.75	19.21
70M	DFT-S 256QAM	1	1	17.57	17.83	17.39
70M	CP QPSK	1	1	20.28	20.48	20.08
BW	MCS Index	Channel		505200	518598	531996
		Frequency (MHz)		2526	2592.99	2659.98
60M	DFT-S PI/2 BPSK	1	1	22.01	22.35	21.83
60M	DFT-S QPSK	1	1	22.09	22.41	21.95
		1	81	21.76	22.11	21.60
		1	160	22.06	22.29	21.74
		81	0	21.13	21.27	20.92
		81	41	21.80	22.09	21.64
		81	81	21.16	21.26	20.95
		162	0	21.10	21.30	20.83
60M	DFT-S 16QAM	1	1	20.00	20.33	19.80
60M	DFT-S 64QAM	1	1	18.44	18.76	18.28
60M	DFT-S 256QAM	1	1	16.66	16.88	16.42
60M	CP QPSK	1	1	19.38	19.62	19.06
BW	MCS Index	Channel		504204	518598	532998
		Frequency (MHz)		2521.02	2592.99	2664.99
50M	DFT-S PI/2 BPSK	1	1	22.07	22.36	21.87
50M	DFT-S QPSK	1	1	22.24	22.39	21.90
		1	67	21.78	21.97	21.52
		1	131	22.07	22.33	21.86
		64	0	21.10	21.34	20.82
		64	35	21.85	22.04	21.54
		64	69	21.12	21.30	20.81
		128	0	21.07	21.30	20.77
50M	DFT-S 16QAM	1	1	21.00	21.32	20.82
50M	DFT-S 64QAM	1	1	19.44	19.68	19.25
50M	DFT-S 256QAM	1	1	17.64	17.84	17.32
50M	CP QPSK	1	1	20.38	20.57	20.08

NR Band 41 (Power Class III)						
BW	MCS Index	RB Size	RB Offset	Low	Mid	High
		Channel		503202	518598	534000
		Frequency (MHz)		2516.01	2592.99	2670
40M	DFT-S PI/2 BPSK	1	1	22.11	22.35	21.76
40M	DFT-S QPSK	1	1	22.18	22.42	21.90
		1	53	21.82	22.06	21.60
		1	104	22.03	22.28	21.75
		50	0	21.13	21.37	20.89
		50	28	21.84	22.06	21.55
		50	56	21.05	21.26	20.89
		100	0	21.10	21.28	20.90
40M	DFT-S 16QAM	1	1	20.98	21.20	20.76
40M	DFT-S 64QAM	1	1	19.50	19.60	19.21
40M	DFT-S 256QAM	1	1	17.62	17.80	17.35
40M	CP QPSK	1	1	20.30	20.55	20.02
BW	MCS Index	Channel		502200	518598	534996
		Frequency (MHz)		2511	2592.99	2674.98
30M	DFT-S PI/2 BPSK	1	1	21.90	22.24	21.65
30M	DFT-S QPSK	1	1	21.92	22.32	21.87
		1	39	21.68	21.84	21.51
		1	76	21.75	21.97	21.77
		36	0	20.99	21.34	20.65
		36	21	21.58	21.99	21.37
		36	42	20.90	21.12	20.70
		75	0	20.98	21.23	20.70
30M	DFT-S 16QAM	1	1	20.89	21.11	20.70
30M	DFT-S 64QAM	1	1	19.40	19.51	19.23
30M	DFT-S 256QAM	1	1	17.37	17.73	17.14
30M	CP QPSK	1	1	20.27	20.53	19.86
BW	MCS Index	Channel		501204	518598	535998
		Frequency (MHz)		2506.02	2592.99	2679.99
20M	DFT-S PI/2 BPSK	1	1	22.14	22.25	21.85
20M	DFT-S QPSK	1	1	22.16	22.37	21.91
		1	26	21.89	21.99	21.65
		1	49	21.98	22.19	21.80
		25	0	21.09	21.38	20.82
		25	13	21.82	22.09	21.55
		25	26	21.09	21.33	20.86
		50	0	21.07	21.37	20.81
20M	DFT-S 16QAM	1	1	21.02	21.33	20.80
20M	DFT-S 64QAM	1	1	19.45	19.72	19.27
20M	DFT-S 256QAM	1	1	17.58	17.86	17.39
20M	CP QPSK	1	1	20.30	20.58	20.06

EIRP Power (dBm)

NR Band 41 (Power Class II)						
BW	MCS Index	RB Size	RB Offset	Low	Mid	High
		Channel		509202	518598	528000
		Frequency (MHz)		2546.01	2592.99	2640
100M	DFT-S PI/2 BPSK	1	1	31.74	32.05	31.70
100M	DFT-S QPSK	1	1	31.80	32.09	31.73
		1	137	31.67	31.76	31.63
		1	271	31.46	31.51	31.37
		135	0	31.09	31.14	30.99
		135	69	31.75	31.85	31.73
		135	138	30.65	30.73	30.61
		270	0	30.73	30.90	30.73
100M	DFT-S 16QAM	1	1	31.32	31.46	31.22
100M	DFT-S 64QAM	1	1	29.41	29.60	29.38
100M	DFT-S 256QAM	1	1	27.46	27.57	27.41
100M	CP QPSK	1	1	30.71	30.87	30.71
BW	MCS Index	Channel		508200	518598	528996
		Frequency (MHz)		2541	2592.99	2644.98
90M	DFT-S PI/2 BPSK	1	1	31.68	32.03	31.62
90M	DFT-S QPSK	1	1	31.79	32.07	31.72
		1	123	31.58	31.68	31.62
		1	243	31.39	31.50	31.36
		120	0	31.06	31.08	30.93
		120	63	31.72	31.81	31.71
		120	125	30.65	30.66	30.61
		243	0	30.73	30.90	30.73
90M	DFT-S 16QAM	1	1	31.29	31.41	31.18
90M	DFT-S 64QAM	1	1	29.32	29.58	29.31
90M	DFT-S 256QAM	1	1	27.41	27.48	27.39
90M	CP QPSK	1	1	30.61	30.87	30.65
BW	MCS Index	Channel		507204	518598	529998
		Frequency (MHz)		2536.02	2592.99	2649.99
80M	DFT-S PI/2 BPSK	1	1	31.64	31.92	31.64
80M	DFT-S QPSK	1	1	31.78	32.01	31.55
		1	109	31.56	31.73	31.52
		1	215	31.34	31.37	31.18
		108	0	31.03	30.98	30.88
		108	55	31.69	31.75	31.62
		108	109	30.51	30.71	30.52
		216	0	30.64	30.91	30.58
80M	DFT-S 16QAM	1	1	30.69	31.00	30.60
80M	DFT-S 64QAM	1	1	29.16	29.20	28.99
80M	DFT-S 256QAM	1	1	26.82	26.91	26.71
80M	CP QPSK	1	1	30.55	30.50	30.38

*EIRP (dBm) = Conducted Output Power (dBm) + Antenna Gain (6.17dBi)

NR Band 41 (Power Class II)						
BW	MCS Index	RB Size	RB Offset	Low	Mid	High
		Channel		506202	518598	531000
		Frequency (MHz)		2531.01	2592.99	2655
70M	DFT-S PI/2 BPSK	1	1	31.61	31.78	31.52
70M	DFT-S QPSK	1	1	31.69	31.93	31.61
		1	95	31.50	31.71	31.53
		1	187	31.42	31.47	31.23
		90	0	30.96	31.02	30.87
		90	50	31.57	31.73	31.66
		90	99	30.61	30.63	30.52
		180	0	30.70	30.92	30.62
70M	DFT-S 16QAM	1	1	30.62	30.93	30.57
70M	DFT-S 64QAM	1	1	29.01	29.16	28.95
70M	DFT-S 256QAM	1	1	26.93	26.94	26.79
70M	CP QPSK	1	1	30.48	30.54	30.37
BW	MCS Index	Channel		505200	518598	531996
		Frequency (MHz)		2526	2592.99	2659.98
60M	DFT-S PI/2 BPSK	1	1	31.64	31.92	31.43
60M	DFT-S QPSK	1	1	31.68	31.95	31.51
		1	81	31.51	31.66	31.47
		1	160	31.33	31.44	31.13
		81	0	31.00	31.01	30.86
		81	41	31.61	31.68	31.63
		81	81	30.48	30.56	30.42
		162	0	30.65	30.84	30.56
60M	DFT-S 16QAM	1	1	30.59	30.91	30.66
60M	DFT-S 64QAM	1	1	29.03	29.08	28.96
60M	DFT-S 256QAM	1	1	26.87	26.91	26.63
60M	CP QPSK	1	1	30.48	30.42	30.37
BW	MCS Index	Channel		504204	518598	532998
		Frequency (MHz)		2521.02	2592.99	2664.99
50M	DFT-S PI/2 BPSK	1	1	31.47	31.73	31.50
50M	DFT-S QPSK	1	1	31.62	31.83	31.45
		1	67	31.47	31.60	31.45
		1	131	31.29	31.37	31.06
		64	0	30.86	30.92	30.89
		64	35	31.65	31.64	31.66
		64	69	30.47	30.43	30.39
		128	0	30.47	30.87	30.52
50M	DFT-S 16QAM	1	1	30.61	30.83	30.44
50M	DFT-S 64QAM	1	1	28.94	29.11	28.96
50M	DFT-S 256QAM	1	1	26.88	26.90	26.52
50M	CP QPSK	1	1	30.35	30.40	30.34

*EIRP (dBm) = Conducted Output Power (dBm) + Antenna Gain (6.17dBi)

NR Band 41 (Power Class II)						
BW	MCS Index	RB Size	RB Offset	Low	Mid	High
		Channel		503202	518598	534000
		Frequency (MHz)		2516.01	2592.99	2670
40M	DFT-S PI/2 BPSK	1	1	31.55	31.92	31.56
40M	DFT-S QPSK	1	1	31.60	31.94	31.59
		1	53	31.47	31.61	31.40
		1	104	31.26	31.36	31.07
		50	0	31.00	30.91	30.89
		50	28	31.61	31.65	31.63
		50	56	30.50	30.51	30.42
		100	0	30.55	30.88	30.57
40M	DFT-S 16QAM	1	1	30.60	31.00	30.59
40M	DFT-S 64QAM	1	1	28.95	29.12	28.87
40M	DFT-S 256QAM	1	1	26.77	26.82	26.59
40M	CP QPSK	1	1	30.47	30.49	30.33
BW	MCS Index	Channel		502200	518598	534996
		Frequency (MHz)		2511	2592.99	2674.98
30M	DFT-S PI/2 BPSK	1	1	31.31	31.58	31.17
30M	DFT-S QPSK	1	1	31.55	31.67	31.21
		1	39	31.43	31.40	31.18
		1	76	31.02	31.35	30.85
		36	0	30.80	30.77	30.65
		36	21	31.39	31.46	31.57
		36	42	30.18	30.30	30.24
		75	0	30.42	30.79	30.34
30M	DFT-S 16QAM	1	1	30.42	30.59	30.33
30M	DFT-S 64QAM	1	1	28.89	28.89	28.61
30M	DFT-S 256QAM	1	1	26.64	26.72	26.36
30M	CP QPSK	1	1	30.21	30.15	30.16
BW	MCS Index	Channel		501204	518598	535998
		Frequency (MHz)		2506.02	2592.99	2679.99
20M	DFT-S PI/2 BPSK	1	1	31.46	31.81	31.36
20M	DFT-S QPSK	1	1	31.59	31.89	31.46
		1	26	31.46	31.55	31.38
		1	49	31.22	31.38	31.01
		25	0	30.95	30.88	30.70
		25	13	31.50	31.51	31.66
		25	26	30.37	30.40	30.28
		50	0	30.49	30.86	30.44
20M	DFT-S 16QAM	1	1	30.54	30.81	30.40
20M	DFT-S 64QAM	1	1	28.98	29.00	28.80
20M	DFT-S 256QAM	1	1	26.73	26.96	26.44
20M	CP QPSK	1	1	30.39	30.36	30.20

*EIRP (dBm) = Conducted Output Power (dBm) + Antenna Gain (6.17dBi)

NR Band 41 (Power Class III)						
BW	MCS Index	RB Size	RB Offset	Low	Mid	High
		Channel		509202	518598	528000
		Frequency (MHz)		2546.01	2592.99	2640
100M	DFT-S PI/2 BPSK	1	1	28.41	28.65	28.09
100M	DFT-S QPSK	1	1	28.45	28.68	28.21
		1	137	28.09	28.32	27.85
		1	271	28.31	28.54	28.07
		135	0	27.38	27.61	27.14
		135	69	28.10	28.33	27.86
		135	138	27.37	27.60	27.13
		270	0	27.36	27.59	27.12
100M	DFT-S 16QAM	1	1	27.27	27.50	27.03
100M	DFT-S 64QAM	1	1	25.70	25.93	25.46
100M	DFT-S 256QAM	1	1	23.83	24.06	23.59
100M	CP QPSK	1	1	26.57	26.80	26.33
BW	MCS Index	Channel		508200	518598	528996
		Frequency (MHz)		2541	2592.99	2644.98
90M	DFT-S PI/2 BPSK	1	1	28.34	28.55	28.08
90M	DFT-S QPSK	1	1	28.35	28.58	28.17
		1	123	28.08	28.31	27.75
		1	243	28.31	28.44	28.04
		120	0	27.37	27.51	27.04
		120	63	28.06	28.27	27.83
		120	125	27.30	27.51	27.08
		243	0	27.26	27.58	27.03
90M	DFT-S 16QAM	1	1	27.19	27.48	26.98
90M	DFT-S 64QAM	1	1	25.69	25.90	25.36
90M	DFT-S 256QAM	1	1	23.82	24.01	23.56
90M	CP QPSK	1	1	26.53	26.80	26.23
BW	MCS Index	Channel		507204	518598	529998
		Frequency (MHz)		2536.02	2592.99	2649.99
80M	DFT-S PI/2 BPSK	1	1	28.27	28.52	27.93
80M	DFT-S QPSK	1	1	28.34	28.66	28.10
		1	109	28.01	28.25	27.78
		1	215	28.17	28.42	28.01
		108	0	27.32	27.58	27.00
		108	55	27.97	28.27	27.75
		108	109	27.23	27.47	27.09
		216	0	27.24	27.42	27.05
80M	DFT-S 16QAM	1	1	27.18	27.47	26.90
80M	DFT-S 64QAM	1	1	25.55	25.82	25.38
80M	DFT-S 256QAM	1	1	23.73	23.90	23.47
80M	CP QPSK	1	1	26.47	26.75	26.30

*EIRP (dBm) = Conducted Output Power (dBm) + Antenna Gain (6.17dBi)

NR Band 41 (Power Class III)						
BW	MCS Index	RB Size	RB Offset	Low	Mid	High
		Channel		506202	518598	531000
		Frequency (MHz)		2531.01	2592.99	2655
70M	DFT-S PI/2 BPSK	1	1	28.23	28.56	28.01
70M	DFT-S QPSK	1	1	28.29	28.60	28.18
		1	95	28.05	28.18	27.75
		1	187	28.23	28.45	27.94
		90	0	27.32	27.57	27.11
		90	50	28.07	28.17	27.72
		90	99	27.27	27.49	27.03
		180	0	27.28	27.53	27.03
70M	DFT-S 16QAM	1	1	27.15	27.47	26.92
70M	DFT-S 64QAM	1	1	25.59	25.92	25.38
70M	DFT-S 256QAM	1	1	23.74	24.00	23.56
70M	CP QPSK	1	1	26.45	26.65	26.25
BW	MCS Index	Channel		505200	518598	531996
		Frequency (MHz)		2526	2592.99	2659.98
60M	DFT-S PI/2 BPSK	1	1	28.18	28.52	28.00
60M	DFT-S QPSK	1	1	28.26	28.58	28.12
		1	81	27.93	28.28	27.77
		1	160	28.23	28.46	27.91
		81	0	27.30	27.44	27.09
		81	41	27.97	28.26	27.81
		81	81	27.33	27.43	27.12
		162	0	27.27	27.47	27.00
60M	DFT-S 16QAM	1	1	26.17	26.50	25.97
60M	DFT-S 64QAM	1	1	24.61	24.93	24.45
60M	DFT-S 256QAM	1	1	22.83	23.05	22.59
60M	CP QPSK	1	1	25.55	25.79	25.23
BW	MCS Index	Channel		504204	518598	532998
		Frequency (MHz)		2521.02	2592.99	2664.99
50M	DFT-S PI/2 BPSK	1	1	28.24	28.53	28.04
50M	DFT-S QPSK	1	1	28.41	28.56	28.07
		1	67	27.95	28.14	27.69
		1	131	28.24	28.50	28.03
		64	0	27.27	27.51	26.99
		64	35	28.02	28.21	27.71
		64	69	27.29	27.47	26.98
		128	0	27.24	27.47	26.94
50M	DFT-S 16QAM	1	1	27.17	27.49	26.99
50M	DFT-S 64QAM	1	1	25.61	25.85	25.42
50M	DFT-S 256QAM	1	1	23.81	24.01	23.49
50M	CP QPSK	1	1	26.55	26.74	26.25

*EIRP (dBm) = Conducted Output Power (dBm) + Antenna Gain (6.17dBi)

NR Band 41 (Power Class III)						
BW	MCS Index	RB Size	RB Offset	Low	Mid	High
		Channel		503202	518598	534000
		Frequency (MHz)		2516.01	2592.99	2670
40M	DFT-S PI/2 BPSK	1	1	28.28	28.52	27.93
40M	DFT-S QPSK	1	1	28.35	28.59	28.07
		1	53	27.99	28.23	27.77
		1	104	28.20	28.45	27.92
		50	0	27.30	27.54	27.06
		50	28	28.01	28.23	27.72
		50	56	27.22	27.43	27.06
		100	0	27.27	27.45	27.07
40M	DFT-S 16QAM	1	1	27.15	27.37	26.93
40M	DFT-S 64QAM	1	1	25.67	25.77	25.38
40M	DFT-S 256QAM	1	1	23.79	23.97	23.52
40M	CP QPSK	1	1	26.47	26.72	26.19
BW	MCS Index	Channel		502200	518598	534996
		Frequency (MHz)		2511	2592.99	2674.98
30M	DFT-S PI/2 BPSK	1	1	28.07	28.41	27.82
30M	DFT-S QPSK	1	1	28.09	28.49	28.04
		1	26	27.85	28.01	27.68
		1	49	27.92	28.14	27.94
		25	0	27.16	27.51	26.82
		25	13	27.75	28.16	27.54
		25	26	27.07	27.29	26.87
		50	0	27.15	27.40	26.87
30M	DFT-S 16QAM	1	1	27.06	27.28	26.87
30M	DFT-S 64QAM	1	1	25.57	25.68	25.40
30M	DFT-S 256QAM	1	1	23.54	23.90	23.31
30M	CP QPSK	1	1	26.44	26.70	26.03
BW	MCS Index	Channel		501204	518598	535998
		Frequency (MHz)		2506.02	2592.99	2679.99
20M	DFT-S PI/2 BPSK	1	1	28.31	28.42	28.02
20M	DFT-S QPSK	1	1	28.33	28.54	28.08
		1	26	28.06	28.16	27.82
		1	49	28.15	28.36	27.97
		25	0	27.26	27.55	26.99
		25	13	27.99	28.26	27.72
		25	26	27.26	27.50	27.03
		50	0	27.24	27.54	26.98
20M	DFT-S 16QAM	1	1	27.19	27.50	26.97
20M	DFT-S 64QAM	1	1	25.62	25.89	25.44
20M	DFT-S 256QAM	1	1	23.75	24.03	23.56
20M	CP QPSK	1	1	26.47	26.75	26.23

*EIRP (dBm) = Conducted Output Power (dBm) + Antenna Gain (6.17dBi)

7.1.7 NR n66 SCS 15 kHz (SA)

Conducted Output Power (dBm)

NR Band 66						
BW	MCS Index	RB Size	RB Offset	Low	Mid	High
		Channel		346000	349000	352000
		Frequency (MHz)		1730	1745	1760
40M	DFT-S PI/2 BPSK	1	1	22.08	22.02	22.02
40M	DFT-S QPSK	1	1	22.11	21.93	21.96
		1	108	22.07	21.98	22.04
		1	214	22.00	21.98	22.00
		108	0	21.22	21.17	21.12
		108	54	22.03	22.00	22.00
		108	108	21.13	21.06	21.04
		216	0	21.10	21.05	21.03
40M	DFT-S 16QAM	1	1	21.13	21.11	21.12
40M	DFT-S 64QAM	1	1	19.74	19.65	19.73
40M	DFT-S 256QAM	1	1	18.05	18.00	17.96
40M	CP QPSK	1	1	20.81	20.75	20.71
BW	MCS Index	Channel		345000	349000	353000
		Frequency (MHz)		1725	1745	1765
30M	DFT-S PI/2 BPSK	1	1	22.01	21.99	22.02
30M	DFT-S QPSK	1	1	22.04	21.89	21.91
		1	80	22.03	21.93	21.98
		1	158	21.93	21.97	21.99
		80	0	21.16	21.08	21.11
		80	40	21.94	21.93	21.91
		80	80	21.06	21.05	21.01
		160	0	21.08	21.00	20.96
30M	DFT-S 16QAM	1	1	21.08	21.09	21.02
30M	DFT-S 64QAM	1	1	19.68	19.63	19.64
30M	DFT-S 256QAM	1	1	18.01	18.00	17.86
30M	CP QPSK	1	1	20.71	20.65	20.63

NR Band 66						
BW	MCS Index	RB Size	RB Offset	Low	Mid	High
		Channel		344000	349000	354000
		Frequency (MHz)		1720	1745	1770
20M	DFT-S PI/2 BPSK	1	1	22.00	22.01	21.97
20M	DFT-S QPSK	1	1	22.05	21.86	21.91
		1	53	22.00	21.94	21.98
		1	104	21.90	21.93	21.90
		50	0	21.19	21.08	21.05
		50	28	21.95	21.95	21.95
		50	56	21.12	21.06	20.97
		100	0	21.09	20.98	21.02
20M	DFT-S 16QAM	1	1	21.13	21.08	21.09
20M	DFT-S 64QAM	1	1	19.64	19.65	19.68
20M	DFT-S 256QAM	1	1	18.00	17.98	17.95
20M	CP QPSK	1	1	20.72	20.69	20.71
BW	MCS Index	Channel		343500	349000	354500
		Frequency (MHz)		1717.5	1745	1772.5
15M	DFT-S PI/2 BPSK	1	1	22.03	21.97	21.99
15M	DFT-S QPSK	1	1	22.01	21.87	21.88
		1	40	22.06	22.00	22.03
		1	77	21.94	21.90	21.90
		36	0	21.16	21.12	21.12
		36	22	22.02	21.92	21.97
		36	43	21.09	20.97	21.02
		75	0	21.03	21.00	20.94
15M	DFT-S 16QAM	1	1	21.03	21.05	21.05
15M	DFT-S 64QAM	1	1	19.74	19.63	19.63
15M	DFT-S 256QAM	1	1	17.98	17.99	17.88
15M	CP QPSK	1	1	20.78	20.75	20.69
BW	MCS Index	Channel		343000	349000	355000
		Frequency (MHz)		1715	1745	1775
10M	DFT-S PI/2 BPSK	1	1	21.98	21.94	22.00
10M	DFT-S QPSK	1	1	22.01	21.91	21.86
		1	26	21.98	21.97	22.01
		1	50	21.97	21.96	21.97
		25	0	21.20	21.14	21.05
		25	14	21.99	21.99	22.00
		25	27	21.06	20.99	21.01
		50	0	21.07	20.99	20.95
10M	DFT-S 16QAM	1	1	21.06	21.08	21.08
10M	DFT-S 64QAM	1	1	19.74	19.58	19.63
10M	DFT-S 256QAM	1	1	17.96	17.97	17.94
10M	CP QPSK	1	1	20.80	20.65	20.69

NR Band 66						
BW	MCS Index	RB Size	RB Offset	Low	Mid	High
		Channel		342500	349000	355500
		Frequency (MHz)		1712.5	1745	1777.5
5M	DFT-S PI/2 BPSK	1	1	22.00	21.90	21.94
5M	DFT-S QPSK	1	1	22.09	21.83	21.93
		1	13	22.02	21.94	21.99
		1	23	21.96	21.91	21.98
		12	0	21.18	21.16	21.08
		12	7	22.02	21.92	22.00
		12	13	21.03	21.03	21.00
		25	0	21.01	20.97	21.00
5M	DFT-S 16QAM	1	1	21.11	21.09	21.02
5M	DFT-S 64QAM	1	1	19.72	19.63	19.70
5M	DFT-S 256QAM	1	1	17.99	17.91	17.87
5M	CP QPSK	1	1	20.73	20.66	20.66

EIRP Power (dBm)

NR Band 66						
BW	MCS Index	RB Size	RB Offset	Low	Mid	High
		Channel		346000	349000	352000
		Frequency (MHz)		1730	1745	1760
40M	DFT-S PI/2 BPSK	1	1	26.92	26.86	26.86
40M	DFT-S QPSK	1	1	26.95	26.77	26.80
		1	108	26.91	26.82	26.88
		1	214	26.84	26.82	26.84
		108	0	26.06	26.01	25.96
		108	54	26.87	26.84	26.84
		108	108	25.97	25.90	25.88
		216	0	25.94	25.89	25.87
40M	DFT-S 16QAM	1	1	25.97	25.95	25.96
40M	DFT-S 64QAM	1	1	24.58	24.49	24.57
40M	DFT-S 256QAM	1	1	22.89	22.84	22.80
40M	CP QPSK	1	1	25.65	25.59	25.55
BW	MCS Index	Channel		345000	349000	353000
		Frequency (MHz)		1725	1745	1765
30M	DFT-S PI/2 BPSK	1	1	26.85	26.83	26.86
30M	DFT-S QPSK	1	1	26.88	26.73	26.75
		1	80	26.87	26.77	26.82
		1	158	26.77	26.81	26.83
		80	0	26.00	25.92	25.95
		80	40	26.78	26.77	26.75
		80	80	25.90	25.89	25.85
		160	0	25.92	25.84	25.80
30M	DFT-S 16QAM	1	1	25.92	25.93	25.86
30M	DFT-S 64QAM	1	1	24.52	24.47	24.48
30M	DFT-S 256QAM	1	1	22.85	22.84	22.70
30M	CP QPSK	1	1	25.55	25.49	25.47

*EIRP (dBm) = Conducted Output Power (dBm) + Antenna Gain (4.84dBi)

NR Band 66						
BW	MCS Index	RB Size	RB Offset	Low	Mid	High
		Channel		344000	349000	354000
		Frequency (MHz)		1720	1745	1770
20M	DFT-S PI/2 BPSK	1	1	26.84	26.85	26.81
20M	DFT-S QPSK	1	1	26.89	26.70	26.75
		1	53	26.84	26.78	26.82
		1	104	26.74	26.77	26.74
		50	0	26.03	25.92	25.89
		50	28	26.79	26.79	26.79
		50	56	25.96	25.90	25.81
		100	0	25.93	25.82	25.86
20M	DFT-S 16QAM	1	1	25.97	25.92	25.93
20M	DFT-S 64QAM	1	1	24.48	24.49	24.52
20M	DFT-S 256QAM	1	1	22.84	22.82	22.79
20M	CP QPSK	1	1	25.56	25.53	25.55
BW	MCS Index	Channel		343500	349000	354500
		Frequency (MHz)		1717.5	1745	1772.5
15M	DFT-S PI/2 BPSK	1	1	26.87	26.81	26.83
15M	DFT-S QPSK	1	1	26.85	26.71	26.72
		1	40	26.90	26.84	26.87
		1	77	26.78	26.74	26.74
		36	0	26.00	25.96	25.96
		36	22	26.86	26.76	26.81
		36	43	25.93	25.81	25.86
		75	0	25.87	25.84	25.78
15M	DFT-S 16QAM	1	1	25.87	25.89	25.89
15M	DFT-S 64QAM	1	1	24.58	24.47	24.47
15M	DFT-S 256QAM	1	1	22.82	22.83	22.72
15M	CP QPSK	1	1	25.62	25.59	25.53

*EIRP (dBm) = Conducted Output Power (dBm) + Antenna Gain (4.84dBi)

NR Band 66						
BW	MCS Index	RB Size	RB Offset	Low	Mid	High
		Channel		343000	349000	355000
		Frequency (MHz)		1715	1745	1775
10M	DFT-S PI/2 BPSK	1	1	26.82	26.78	26.84
10M	DFT-S QPSK	1	1	26.85	26.75	26.70
		1	26	26.82	26.81	26.85
		1	50	26.81	26.80	26.81
		25	0	26.04	25.98	25.89
		25	14	26.83	26.83	26.84
		25	27	25.90	25.83	25.85
		50	0	25.91	25.83	25.79
10M	DFT-S 16QAM	1	1	25.90	25.92	25.92
10M	DFT-S 64QAM	1	1	24.58	24.42	24.47
10M	DFT-S 256QAM	1	1	22.80	22.81	22.78
10M	CP QPSK	1	1	25.64	25.49	25.53
BW	MCS Index	Channel		342500	349000	355500
		Frequency (MHz)		1712.5	1745	1777.5
5M	DFT-S PI/2 BPSK	1	1	26.84	26.74	26.78
5M	DFT-S QPSK	1	1	26.93	26.67	26.77
		1	13	26.86	26.78	26.83
		1	23	26.80	26.75	26.82
		12	0	26.02	26.00	25.92
		12	7	26.86	26.76	26.84
		12	13	25.87	25.87	25.84
		25	0	25.85	25.81	25.84
5M	DFT-S 16QAM	1	1	25.95	25.93	25.86
5M	DFT-S 64QAM	1	1	24.56	24.47	24.54
5M	DFT-S 256QAM	1	1	22.83	22.75	22.71
5M	CP QPSK	1	1	25.57	25.50	25.50

*EIRP (dBm) = Conducted Output Power (dBm) + Antenna Gain (4.84dBi)

7.1.8 NR n71 SCS 15 kHz (SA)

Conducted Output Power (dBm)

NR Band 71						
BW	MCS Index	RB Size	RB Offset	Low	Mid	High
		Channel		134600	136100	137600
		Frequency (MHz)		673	680.5	688
20M	DFT-S PI/2 BPSK	1	1	22.83	22.81	22.91
20M	DFT-S QPSK	1	1	22.82	22.85	23.02
		1	53	22.86	22.94	22.94
		1	104	22.81	22.85	22.91
		50	0	21.99	22.00	22.01
		50	28	22.98	22.98	22.99
		50	56	21.95	21.93	21.97
		100	0	22.00	22.10	22.10
20M	DFT-S 16QAM	1	1	21.98	21.97	22.02
20M	DFT-S 64QAM	1	1	20.62	20.62	20.65
20M	DFT-S 256QAM	1	1	17.98	17.95	17.98
20M	CP QPSK	1	1	21.42	21.46	21.51
BW	MCS Index	Channel		134100	136100	138100
		Frequency (MHz)		670.5	680.5	690.5
15M	DFT-S PI/2 BPSK	1	1	22.78	22.78	22.89
15M	DFT-S QPSK	1	1	22.81	22.85	22.97
		1	40	22.77	22.86	22.93
		1	77	22.81	22.78	22.89
		36	0	21.99	21.94	21.93
		36	22	22.96	22.89	22.89
		36	43	21.87	21.84	21.88
		75	0	21.96	22.07	22.04
15M	DFT-S 16QAM	1	1	21.88	21.87	21.96
15M	DFT-S 64QAM	1	1	20.62	20.58	20.55
15M	DFT-S 256QAM	1	1	17.88	17.95	17.97
15M	CP QPSK	1	1	21.37	21.40	21.46

NR Band 71						
BW	MCS Index	RB Size	RB Offset	Low	Mid	High
		Channel		133600	136100	138600
		Frequency (MHz)		668	680.5	693
10M	DFT-S PI/2 BPSK	1	1	22.73	22.77	22.91
10M	DFT-S QPSK	1	1	22.78	22.80	22.92
		1	26	22.79	22.85	22.84
		1	50	22.76	22.81	22.83
		25	0	21.91	22.00	21.92
		25	14	22.94	22.90	22.93
		25	27	21.92	21.90	21.93
		50	0	22.00	22.07	22.04
10M	DFT-S 16QAM	1	1	21.97	21.95	22.00
10M	DFT-S 64QAM	1	1	20.59	20.60	20.62
10M	DFT-S 256QAM	1	1	17.96	17.85	17.92
10M	CP QPSK	1	1	21.32	21.36	21.42
BW	MCS Index	Channel		133100	136100	139100
		Frequency (MHz)		665.5	680.5	695.5
5M	DFT-S PI/2 BPSK	1	1	22.79	22.81	22.82
5M	DFT-S QPSK	1	1	22.76	22.78	22.96
		1	13	22.82	22.84	22.84
		1	23	22.71	22.78	22.90
		12	0	21.97	21.91	21.91
		12	7	22.98	22.96	22.91
		12	13	21.86	21.86	21.90
		25	0	21.92	22.10	22.07
5M	DFT-S 16QAM	1	1	21.93	21.94	21.92
5M	DFT-S 64QAM	1	1	20.54	20.56	20.65
5M	DFT-S 256QAM	1	1	17.95	17.91	17.95
5M	CP QPSK	1	1	21.40	21.36	21.48

ERP Power (dBm)

NR Band 71						
BW	MCS Index	RB Size	RB Offset	Low	Mid	High
		Channel		134600	136100	137600
		Frequency (MHz)		673	680.5	688
20M	DFT-S PI/2 BPSK	1	1	21.80	21.78	21.88
20M	DFT-S QPSK	1	1	21.79	21.82	21.99
		1	53	21.83	21.91	21.91
		1	104	21.78	21.82	21.88
		50	0	20.96	20.97	20.98
		50	28	21.95	21.95	21.96
		50	56	20.92	20.90	20.94
		100	0	20.97	21.07	21.07
20M	DFT-S 16QAM	1	1	20.95	20.94	20.99
20M	DFT-S 64QAM	1	1	19.59	19.59	19.62
20M	DFT-S 256QAM	1	1	16.95	16.92	16.95
20M	CP QPSK	1	1	20.39	20.43	20.48
BW	MCS Index	Channel		134100	136100	138100
		Frequency (MHz)		670.5	680.5	690.5
15M	DFT-S PI/2 BPSK	1	1	21.75	21.75	21.86
15M	DFT-S QPSK	1	1	21.78	21.82	21.94
		1	40	21.74	21.83	21.90
		1	77	21.78	21.75	21.86
		36	0	20.96	20.91	20.90
		36	22	21.93	21.86	21.86
		36	43	20.84	20.81	20.85
		75	0	20.93	21.04	21.01
15M	DFT-S 16QAM	1	1	20.85	20.84	20.93
15M	DFT-S 64QAM	1	1	19.59	19.55	19.52
15M	DFT-S 256QAM	1	1	16.85	16.92	16.94
15M	CP QPSK	1	1	20.34	20.37	20.43

*ERP (dBm) = Conducted Output Power (dBm) + Antenna Gain (1.12dBi) - 2.15

NR Band 71						
BW	MCS Index	RB Size	RB Offset	Low	Mid	High
		Channel		133600	136100	138600
		Frequency (MHz)		668	680.5	693
10M	DFT-S PI/2 BPSK	1	1	21.70	21.74	21.88
10M	DFT-S QPSK	1	1	21.75	21.77	21.89
		1	26	21.76	21.82	21.81
		1	50	21.73	21.78	21.80
		25	0	20.88	20.97	20.89
		25	14	21.91	21.87	21.90
		25	27	20.89	20.87	20.90
		50	0	20.97	21.04	21.01
10M	DFT-S 16QAM	1	1	20.94	20.92	20.97
10M	DFT-S 64QAM	1	1	19.56	19.57	19.59
10M	DFT-S 256QAM	1	1	16.93	16.82	16.89
10M	CP QPSK	1	1	20.29	20.33	20.39
BW	MCS Index	Channel		133100	136100	139100
		Frequency (MHz)		665.5	680.5	695.5
5M	DFT-S PI/2 BPSK	1	1	21.76	21.78	21.79
5M	DFT-S QPSK	1	1	21.73	21.75	21.93
		1	13	21.79	21.81	21.81
		1	23	21.68	21.75	21.87
		12	0	20.94	20.88	20.88
		12	7	21.95	21.93	21.88
		12	13	20.83	20.83	20.87
		25	0	20.89	21.07	21.04
5M	DFT-S 16QAM	1	1	20.90	20.91	20.89
5M	DFT-S 64QAM	1	1	19.51	19.53	19.62
5M	DFT-S 256QAM	1	1	16.92	16.88	16.92
5M	CP QPSK	1	1	20.37	20.33	20.45

*ERP (dBm) = Conducted Output Power (dBm) + Antenna Gain (1.12dBi) - 2.15

7.1.9 NR n77 (3450-3550 MHz) SCS 30 kHz (SA)

Conducted Output Power (dBm)

NR Band 77 (Power class II)						
BW	MCS Index	RB Size	RB Offset	Mid		
		Channel		633334		
		Frequency (MHz)		3500.01		
100M	DFT-S PI/2 BPSK	1	1	25.76		
100M	DFT-S QPSK	1	1	25.87		
		1	137	25.85		
		1	271	25.83		
		135	0	24.82		
		135	69	25.86		
		135	138	24.81		
		270	0	24.91		
100M	DFT-S 16QAM	1	1	24.92		
100M	DFT-S 64QAM	1	1	23.17		
100M	DFT-S 256QAM	1	1	21.08		
100M	CP QPSK	1	1	24.37		
BW	MCS Index	RB Size	RB Offset	Low	Mid	High
		Channel		633000	633334	633666
		Frequency (MHz)		3495	3500.01	3504.99
90M	DFT-S PI/2 BPSK	1	1	25.67	25.73	25.61
90M	DFT-S QPSK	1	1	25.71	25.78	25.67
		1	123	25.68	25.77	25.59
		1	243	25.67	25.73	25.61
		120	0	24.69	24.79	24.67
		120	63	25.72	25.75	25.70
		120	125	24.70	24.71	24.67
		243	0	24.77	24.81	24.71
90M	DFT-S 16QAM	1	1	24.78	24.88	24.68
90M	DFT-S 64QAM	1	1	23.11	23.14	23.03
90M	DFT-S 256QAM	1	1	21.05	21.05	21.04
90M	CP QPSK	1	1	24.28	24.29	24.19

NR Band 77 (Power class II)						
BW	MCS Index	RB Size	RB Offset	Low	Mid	High
		Channel		632668	633334	63400
		Frequency (MHz)		3490.02	3500.01	3510
80M	DFT-S PI/2 BPSK	1	1	25.57	25.71	25.55
80M	DFT-S QPSK	1	1	25.63	25.74	25.62
		1	109	25.64	25.70	25.59
		1	215	25.64	25.66	25.56
		108	0	24.69	24.78	24.66
		108	55	25.66	25.74	25.61
		108	109	24.60	24.65	24.66
		216	0	24.74	24.74	24.69
80M	DFT-S 16QAM	1	1	24.73	24.79	24.60
80M	DFT-S 64QAM	1	1	23.04	23.13	23.01
80M	DFT-S 256QAM	1	1	21.00	20.99	21.03
80M	CP QPSK	1	1	24.21	24.23	24.16
BW	MCS Index	Channel		632334	633334	634332
		Frequency (MHz)		3485.01	3500.01	3514.98
70M	DFT-S PI/2 BPSK	1	1	25.52	25.63	25.51
70M	DFT-S QPSK	1	1	25.68	25.70	25.56
		1	95	25.56	25.62	25.41
		1	187	25.52	25.70	25.51
		90	0	24.59	24.66	24.55
		90	50	25.61	25.64	25.57
		90	99	24.61	24.60	24.54
		180	0	24.54	24.68	24.57
70M	DFT-S 16QAM	1	1	24.71	24.66	24.57
70M	DFT-S 64QAM	1	1	23.06	23.20	22.99
70M	DFT-S 256QAM	1	1	21.04	21.19	21.00
70M	CP QPSK	1	1	24.05	24.16	24.12
BW	MCS Index	Channel		632000	633334	634666
		Frequency (MHz)		3480	3500.01	3519.99
60M	DFT-S PI/2 BPSK	1	1	25.50	25.59	25.49
60M	DFT-S QPSK	1	1	25.55	25.72	25.53
		1	81	25.61	25.71	25.52
		1	160	25.47	25.69	25.47
		81	0	24.63	24.70	24.54
		81	41	25.63	25.57	25.66
		81	81	24.55	24.59	24.55
		162	0	24.48	24.57	24.54
60M	DFT-S 16QAM	1	1	24.54	24.72	24.51
60M	DFT-S 64QAM	1	1	23.12	23.19	22.96
60M	DFT-S 256QAM	1	1	21.03	21.16	20.96
60M	CP QPSK	1	1	24.06	24.23	24.05

NR Band 77 (Power class II)						
BW	MCS Index	RB Size	RB Offset	Low	Mid	High
		Channel		631668	633334	635000
		Frequency (MHz)		3475.02	3500.01	3525
50M	DFT-S PI/2 BPSK	1	1	25.51	25.68	25.46
50M	DFT-S QPSK	1	1	25.56	25.68	25.57
		1	67	25.50	25.66	25.44
		1	131	25.50	25.59	25.49
		64	0	24.59	24.65	24.53
		64	35	25.65	25.48	25.52
		64	69	24.51	24.53	24.55
		128	0	24.46	24.66	24.45
50M	DFT-S 16QAM	1	1	24.58	24.66	24.58
50M	DFT-S 64QAM	1	1	22.93	23.13	22.97
50M	DFT-S 256QAM	1	1	21.10	21.12	20.98
50M	CP QPSK	1	1	24.03	24.10	24.01
BW	MCS Index	Channel		631334	633334	635332
		Frequency (MHz)		3470.01	3500.01	3529.98
40M	DFT-S PI/2 BPSK	1	1	25.33	25.57	25.37
40M	DFT-S QPSK	1	1	25.41	25.62	25.56
		1	53	25.46	25.58	25.34
		1	104	25.51	25.55	25.50
		50	0	24.47	24.63	24.43
		50	28	25.58	25.47	25.45
		50	56	24.48	24.62	24.52
		100	0	24.41	24.60	24.37
40M	DFT-S 16QAM	1	1	24.46	24.66	24.54
40M	DFT-S 64QAM	1	1	22.92	23.12	22.82
40M	DFT-S 256QAM	1	1	20.98	21.00	20.94
40M	CP QPSK	1	1	23.93	24.18	23.99
BW	MCS Index	Channel		631000	633334	635666
		Frequency (MHz)		3465	3500.01	3534.99
30M	DFT-S PI/2 BPSK	1	1	25.35	25.42	25.43
30M	DFT-S QPSK	1	1	25.46	25.56	25.56
		1	39	25.42	25.61	25.40
		1	76	25.49	25.61	25.39
		36	0	24.50	24.61	24.52
		36	21	25.57	25.46	25.58
		36	42	24.54	24.47	24.52
		75	0	24.44	24.59	24.42
30M	DFT-S 16QAM	1	1	24.52	24.59	24.54
30M	DFT-S 64QAM	1	1	22.92	23.14	22.86
30M	DFT-S 256QAM	1	1	20.89	21.08	20.88
30M	CP QPSK	1	1	24.07	24.07	24.02

NR Band 77 (Power class II)						
BW	MCS Index	RB Size	RB Offset	Low	Mid	High
		Channel		630668	633334	636000
		Frequency (MHz)		3460.02	3500.01	3540
20M	DFT-S PI/2 BPSK	1	1	25.37	25.37	25.40
20M	DFT-S QPSK	1	1	25.37	25.47	25.42
		1	26	25.41	25.52	25.42
		1	49	25.44	25.43	25.39
		25	0	24.45	24.64	24.46
		25	13	25.54	25.38	25.50
		25	26	24.39	24.53	24.52
		50	0	24.41	24.55	24.38
20M	DFT-S 16QAM	1	1	24.51	24.56	24.48
20M	DFT-S 64QAM	1	1	22.99	23.11	22.95
20M	DFT-S 256QAM	1	1	20.96	21.00	20.93
20M	CP QPSK	1	1	23.89	24.03	23.84
BW	MCS Index	Channel		630500	633334	636166
		Frequency (MHz)		3457.5	3500.01	3542.49
15M	DFT-S PI/2 BPSK	1	1	25.37	25.53	25.41
15M	DFT-S QPSK	1	1	25.37	25.50	25.33
		1	19	25.42	25.43	25.40
		1	36	25.47	25.45	25.34
		18	0	24.35	24.60	24.48
		18	10	25.58	25.37	25.42
		18	20	24.27	24.36	24.37
		36	0	24.34	24.59	24.39
15M	DFT-S 16QAM	1	1	24.34	24.45	24.34
15M	DFT-S 64QAM	1	1	22.86	22.95	22.84
15M	DFT-S 256QAM	1	1	20.96	20.91	20.80
15M	CP QPSK	1	1	23.87	24.09	23.93
BW	MCS Index	Channel		630334	633334	636332
		Frequency (MHz)		3455.01	3500.01	3544.98
10M	DFT-S PI/2 BPSK	1	1	25.32	25.39	25.27
10M	DFT-S QPSK	1	1	25.32	25.44	25.39
		1	11	25.41	25.46	25.32
		1	22	25.39	25.48	25.36
		12	0	24.37	24.56	24.42
		12	6	25.45	25.27	25.35
		12	12	24.42	24.44	24.42
		24	0	24.37	24.56	24.26
10M	DFT-S 16QAM	1	1	24.39	24.48	24.34
10M	DFT-S 64QAM	1	1	22.84	22.98	22.80
10M	DFT-S 256QAM	1	1	20.96	20.94	20.79
10M	CP QPSK	1	1	23.82	24.02	23.90

NR Band 77 (Power class III)						
BW	MCS Index	RB Size	RB Offset	Mid		
		Channel		633334		
		Frequency (MHz)		3500.01		
100M	DFT-S PI/2 BPSK	1	1	21.53		
100M	DFT-S QPSK	1	1	21.68		
		1	137	21.33		
		1	271	21.18		
		135	0	20.39		
		135	69	21.33		
		135	138	20.22		
		270	0	20.18		
100M	DFT-S 16QAM	1	1	20.08		
100M	DFT-S 64QAM	1	1	19.31		
100M	DFT-S 256QAM	1	1	17.22		
100M	CP QPSK	1	1	19.03		
BW	MCS Index	RB Size	RB Offset	Low	Mid	High
		Channel		633000	633334	633666
		Frequency (MHz)		3495	3500.01	3504.99
90M	DFT-S PI/2 BPSK	1	1	21.35	21.41	21.27
90M	DFT-S QPSK	1	1	21.50	21.56	21.42
		1	123	21.15	21.21	21.07
		1	243	21.01	21.06	20.92
		120	0	20.21	20.27	20.13
		120	63	21.15	21.21	21.07
		120	125	20.04	20.10	19.96
		243	0	20.02	20.06	19.92
90M	DFT-S 16QAM	1	1	19.90	19.96	19.82
90M	DFT-S 64QAM	1	1	19.13	19.19	19.05
90M	DFT-S 256QAM	1	1	17.04	17.10	16.96
90M	CP QPSK	1	1	18.85	18.91	18.77
BW	MCS Index	Channel		632668	633334	63400
		Frequency (MHz)		3490.02	3500.01	3510
80M	DFT-S PI/2 BPSK	1	1	21.29	21.32	21.23
80M	DFT-S QPSK	1	1	21.42	21.48	21.34
		1	109	21.08	21.20	21.00
		1	215	20.94	21.06	20.91
		108	0	20.20	20.17	20.06
		108	55	21.05	21.13	21.02
		108	109	20.02	20.00	19.96
		216	0	19.95	20.02	19.85
80M	DFT-S 16QAM	1	1	19.90	19.94	19.79
80M	DFT-S 64QAM	1	1	19.09	19.15	19.00
80M	DFT-S 256QAM	1	1	16.95	17.00	16.95
80M	CP QPSK	1	1	18.84	18.82	18.72

NR Band 77 (Power class III)						
BW	MCS Index	RB Size	RB Offset	Low	Mid	High
		Channel		632334	633334	634332
		Frequency (MHz)		3485.01	3500.01	3514.98
70M	DFT-S PI/2 BPSK	1	1	21.33	21.21	21.05
70M	DFT-S QPSK	1	1	21.37	21.44	21.35
		1	95	20.98	21.03	20.90
		1	187	20.87	20.97	20.87
		90	0	20.12	20.16	20.03
		90	50	21.00	21.08	20.97
		90	99	19.83	20.03	19.86
		180	0	19.84	19.89	19.76
70M	DFT-S 16QAM	1	1	19.73	19.77	19.73
70M	DFT-S 64QAM	1	1	19.04	19.15	19.00
70M	DFT-S 256QAM	1	1	16.92	17.03	16.87
70M	CP QPSK	1	1	18.74	18.81	18.62
BW	MCS Index	Channel		632000	633334	634666
		Frequency (MHz)		3480	3500.01	3519.99
60M	DFT-S PI/2 BPSK	1	1	21.23	21.31	21.10
60M	DFT-S QPSK	1	1	21.37	21.42	21.11
		1	81	21.02	21.14	20.82
		1	160	20.93	20.91	20.64
		81	0	20.00	20.20	19.95
		81	41	21.02	21.13	20.78
		81	81	19.87	19.88	19.67
		162	0	19.94	19.99	19.59
60M	DFT-S 16QAM	1	1	19.77	19.79	19.70
60M	DFT-S 64QAM	1	1	19.10	19.12	18.95
60M	DFT-S 256QAM	1	1	16.98	17.04	16.80
60M	CP QPSK	1	1	18.80	18.78	18.54
BW	MCS Index	Channel		631668	633334	635000
		Frequency (MHz)		3475.02	3500.01	3525
50M	DFT-S PI/2 BPSK	1	1	21.24	21.28	21.24
50M	DFT-S QPSK	1	1	21.36	21.46	21.35
		1	67	21.04	21.04	20.87
		1	131	20.86	20.85	20.78
		64	0	20.13	20.20	19.97
		64	35	21.08	21.12	20.92
		64	69	19.85	19.93	19.81
		128	0	19.90	19.94	19.79
50M	DFT-S 16QAM	1	1	19.89	19.84	19.63
50M	DFT-S 64QAM	1	1	19.08	19.05	19.03
50M	DFT-S 256QAM	1	1	16.84	17.01	16.90
50M	CP QPSK	1	1	18.78	18.75	18.67

NR Band 77 (Power class III)						
BW	MCS Index	RB Size	RB Offset	Low	Mid	High
		Channel		631334	633334	635332
		Frequency (MHz)		3470.01	3500.01	3529.98
40M	DFT-S PI/2 BPSK	1	1	21.28	21.35	21.07
40M	DFT-S QPSK	1	1	21.40	21.46	21.18
		1	53	21.04	21.02	20.93
		1	104	20.83	20.92	20.91
		50	0	20.18	20.23	19.95
		50	28	21.01	21.04	20.89
		50	56	19.95	19.90	19.73
		100	0	20.00	20.04	19.79
40M	DFT-S 16QAM	1	1	19.75	19.73	19.60
40M	DFT-S 64QAM	1	1	19.09	19.00	19.00
40M	DFT-S 256QAM	1	1	16.95	17.00	16.81
40M	CP QPSK	1	1	18.70	18.84	18.54
BW	MCS Index	Channel		631000	633334	635666
		Frequency (MHz)		3465	3500.01	3534.99
30M	DFT-S PI/2 BPSK	1	1	21.25	21.40	21.20
30M	DFT-S QPSK	1	1	21.48	21.47	21.36
		1	39	21.10	21.19	20.97
		1	76	21.01	21.00	20.89
		36	0	20.12	20.26	20.03
		36	21	21.10	21.13	21.03
		36	42	19.96	20.09	19.86
		75	0	19.99	20.02	19.86
30M	DFT-S 16QAM	1	1	19.87	19.88	19.80
30M	DFT-S 64QAM	1	1	19.04	19.13	19.00
30M	DFT-S 256QAM	1	1	17.02	17.04	16.87
30M	CP QPSK	1	1	18.84	18.85	18.74
BW	MCS Index	Channel		630668	633334	636000
		Frequency (MHz)		3460.02	3500.01	3540
20M	DFT-S PI/2 BPSK	1	1	21.19	21.25	21.13
20M	DFT-S QPSK	1	1	21.33	21.48	21.25
		1	26	21.09	21.00	20.97
		1	49	20.81	20.94	20.79
		25	0	20.19	20.03	20.02
		25	13	21.08	21.17	20.96
		25	26	20.00	19.98	19.80
		50	0	19.97	19.85	19.82
20M	DFT-S 16QAM	1	1	19.75	19.87	19.72
20M	DFT-S 64QAM	1	1	18.95	19.04	19.04
20M	DFT-S 256QAM	1	1	16.93	16.89	16.75
20M	CP QPSK	1	1	18.78	18.82	18.55

NR Band 77 (Power class III)						
BW	MCS Index	RB Size	RB Offset	Low	Mid	High
		Channel		630500	633334	636166
		Frequency (MHz)		3457.5	3500.01	3542.49
15M	DFT-S PI/2 BPSK	1	1	21.13	21.27	21.13
15M	DFT-S QPSK	1	1	21.41	21.42	21.25
		1	19	21.04	21.12	20.77
		1	36	20.98	20.87	20.70
		18	0	20.13	20.18	19.90
		18	10	20.98	21.04	20.81
		18	20	19.87	19.91	19.87
		36	0	19.97	19.87	19.86
15M	DFT-S 16QAM	1	1	19.81	19.93	19.72
15M	DFT-S 64QAM	1	1	19.01	18.98	18.76
15M	DFT-S 256QAM	1	1	16.97	16.94	16.84
15M	CP QPSK	1	1	18.74	18.74	18.60
BW	MCS Index	Channel		630334	633334	636332
		Frequency (MHz)		3455.01	3500.01	3544.98
10M	DFT-S PI/2 BPSK	1	1	21.17	21.26	21.15
10M	DFT-S QPSK	1	1	21.39	21.47	21.25
		1	11	21.09	21.18	21.04
		1	22	20.92	20.92	20.88
		12	0	20.08	20.18	20.03
		12	6	21.01	21.18	20.95
		12	12	19.85	19.94	19.88
		24	0	19.89	19.89	19.82
10M	DFT-S 16QAM	1	1	19.72	19.94	19.62
10M	DFT-S 64QAM	1	1	19.11	18.94	18.87
10M	DFT-S 256QAM	1	1	16.81	17.01	16.72
10M	CP QPSK	1	1	18.79	18.82	18.66

EIRP Power (dBm)

NR Band 77 (Power class II)						
BW	MCS Index	RB Size	RB Offset	Mid		
		Channel		633334		
		Frequency (MHz)		3500.01		
100M	DFT-S PI/2 BPSK	1	1	29.41		
100M	DFT-S QPSK	1	1	29.52		
		1	137	29.50		
		1	271	29.48		
		135	0	28.47		
		135	69	29.51		
		135	138	28.46		
		270	0	28.56		
100M	DFT-S 16QAM	1	1	28.57		
100M	DFT-S 64QAM	1	1	26.82		
100M	DFT-S 256QAM	1	1	24.73		
100M	CP QPSK	1	1	28.02		
BW	MCS Index	RB Size	RB Offset	Low	Mid	High
		Channel		633000	633334	633666
		Frequency (MHz)		3495	3500.01	3504.99
90M	DFT-S PI/2 BPSK	1	1	29.32	29.38	29.26
90M	DFT-S QPSK	1	1	29.36	29.43	29.32
		1	123	29.33	29.42	29.24
		1	243	29.32	29.38	29.26
		120	0	28.34	28.44	28.32
		120	63	29.37	29.40	29.35
		120	125	28.35	28.36	28.32
		243	0	28.42	28.46	28.36
90M	DFT-S 16QAM	1	1	28.43	28.53	28.33
90M	DFT-S 64QAM	1	1	26.76	26.79	26.68
90M	DFT-S 256QAM	1	1	24.70	24.70	24.69
90M	CP QPSK	1	1	27.93	27.94	27.84
BW	MCS Index	Channel		632668	633334	63400
		Frequency (MHz)		3490.02	3500.01	3510
80M	DFT-S PI/2 BPSK	1	1	29.22	29.36	29.20
80M	DFT-S QPSK	1	1	29.28	29.39	29.27
		1	109	29.29	29.35	29.24
		1	215	29.29	29.31	29.21
		108	0	28.34	28.43	28.31
		108	55	29.31	29.39	29.26
		108	109	28.25	28.30	28.31
		216	0	28.39	28.39	28.34
80M	DFT-S 16QAM	1	1	28.38	28.44	28.25
80M	DFT-S 64QAM	1	1	26.69	26.78	26.66
80M	DFT-S 256QAM	1	1	24.65	24.64	24.68
80M	CP QPSK	1	1	27.86	27.88	27.81

*EIRP (dBm) = Conducted Output Power (dBm) + Antenna Gain (3.65dBi)

NR Band 77 (Power class II)						
BW	MCS Index	RB Size	RB Offset	Low	Mid	High
		Channel		632334	633334	634332
		Frequency (MHz)		3485.01	3500.01	3514.98
70M	DFT-S PI/2 BPSK	1	1	29.17	29.28	29.16
70M	DFT-S QPSK	1	1	29.33	29.35	29.21
		1	95	29.21	29.27	29.06
		1	187	29.17	29.35	29.16
		90	0	28.24	28.31	28.20
		90	50	29.26	29.29	29.22
		90	99	28.26	28.25	28.19
		180	0	28.19	28.33	28.22
70M	DFT-S 16QAM	1	1	28.36	28.31	28.22
70M	DFT-S 64QAM	1	1	26.71	26.85	26.64
70M	DFT-S 256QAM	1	1	24.69	24.84	24.65
70M	CP QPSK	1	1	27.70	27.81	27.77
BW	MCS Index	Channel		632000	633334	634666
		Frequency (MHz)		3480	3500.01	3519.99
60M	DFT-S PI/2 BPSK	1	1	29.15	29.24	29.14
60M	DFT-S QPSK	1	1	29.20	29.37	29.18
		1	81	29.26	29.36	29.17
		1	160	29.12	29.34	29.12
		81	0	28.28	28.35	28.19
		81	41	29.28	29.22	29.31
		81	81	28.20	28.24	28.20
		162	0	28.13	28.22	28.19
60M	DFT-S 16QAM	1	1	28.19	28.37	28.16
60M	DFT-S 64QAM	1	1	26.77	26.84	26.61
60M	DFT-S 256QAM	1	1	24.68	24.81	24.61
60M	CP QPSK	1	1	27.71	27.88	27.70
BW	MCS Index	Channel		631668	633334	635000
		Frequency (MHz)		3475.02	3500.01	3525
50M	DFT-S PI/2 BPSK	1	1	29.16	29.33	29.11
50M	DFT-S QPSK	1	1	29.21	29.33	29.22
		1	67	29.15	29.31	29.09
		1	131	29.15	29.24	29.14
		64	0	28.24	28.30	28.18
		64	35	29.30	29.13	29.17
		64	69	28.16	28.18	28.20
		128	0	28.11	28.31	28.10
50M	DFT-S 16QAM	1	1	28.23	28.31	28.23
50M	DFT-S 64QAM	1	1	26.58	26.78	26.62
50M	DFT-S 256QAM	1	1	24.75	24.77	24.63
50M	CP QPSK	1	1	27.68	27.75	27.66

*EIRP (dBm) = Conducted Output Power (dBm) + Antenna Gain (3.65dBi)

NR Band 77 (Power class II)						
BW	MCS Index	RB Size	RB Offset	Low	Mid	High
		Channel		631334	633334	635332
		Frequency (MHz)		3470.01	3500.01	3529.98
40M	DFT-S PI/2 BPSK	1	1	28.98	29.22	29.02
40M	DFT-S QPSK	1	1	29.06	29.27	29.21
		1	53	29.11	29.23	28.99
		1	104	29.16	29.20	29.15
		50	0	28.12	28.28	28.08
		50	28	29.23	29.12	29.10
		50	56	28.13	28.27	28.17
		100	0	28.06	28.25	28.02
40M	DFT-S 16QAM	1	1	28.11	28.31	28.19
40M	DFT-S 64QAM	1	1	26.57	26.77	26.47
40M	DFT-S 256QAM	1	1	24.63	24.65	24.59
40M	CP QPSK	1	1	27.58	27.83	27.64
BW	MCS Index	Channel		631000	633334	635666
		Frequency (MHz)		3465	3500.01	3534.99
30M	DFT-S PI/2 BPSK	1	1	29.00	29.07	29.08
30M	DFT-S QPSK	1	1	29.11	29.21	29.21
		1	39	29.07	29.26	29.05
		1	76	29.14	29.26	29.04
		36	0	28.15	28.26	28.17
		36	21	29.22	29.11	29.23
		36	42	28.19	28.12	28.17
		75	0	28.09	28.24	28.07
30M	DFT-S 16QAM	1	1	28.17	28.24	28.19
30M	DFT-S 64QAM	1	1	26.57	26.79	26.51
30M	DFT-S 256QAM	1	1	24.54	24.73	24.53
30M	CP QPSK	1	1	27.72	27.72	27.67
BW	MCS Index	Channel		630668	633334	636000
		Frequency (MHz)		3460.02	3500.01	3540
20M	DFT-S PI/2 BPSK	1	1	29.02	29.02	29.05
20M	DFT-S QPSK	1	1	29.02	29.12	29.07
		1	26	29.06	29.17	29.07
		1	49	29.09	29.08	29.04
		25	0	28.10	28.29	28.11
		25	13	29.19	29.03	29.15
		25	26	28.04	28.18	28.17
		50	0	28.06	28.20	28.03
20M	DFT-S 16QAM	1	1	28.16	28.21	28.13
20M	DFT-S 64QAM	1	1	26.64	26.76	26.60
20M	DFT-S 256QAM	1	1	24.61	24.65	24.58
20M	CP QPSK	1	1	27.54	27.68	27.49

*EIRP (dBm) = Conducted Output Power (dBm) + Antenna Gain (3.65dBi)

NR Band 77 (Power class II)						
BW	MCS Index	RB Size	RB Offset	Low	Mid	High
		Channel		630500	633334	636166
		Frequency (MHz)		3457.5	3500.01	3542.49
15M	DFT-S PI/2 BPSK	1	1	29.02	29.18	29.06
15M	DFT-S QPSK	1	1	29.02	29.15	28.98
		1	19	29.07	29.08	29.05
		1	36	29.12	29.10	28.99
		18	0	28.00	28.25	28.13
		18	10	29.23	29.02	29.07
		18	20	27.92	28.01	28.02
		36	0	27.99	28.24	28.04
15M	DFT-S 16QAM	1	1	27.99	28.10	27.99
15M	DFT-S 64QAM	1	1	26.51	26.60	26.49
15M	DFT-S 256QAM	1	1	24.61	24.56	24.45
15M	CP QPSK	1	1	27.52	27.74	27.58
BW	MCS Index	Channel		630334	633334	636332
		Frequency (MHz)		3455.01	3500.01	3544.98
10M	DFT-S PI/2 BPSK	1	1	28.97	29.04	28.92
10M	DFT-S QPSK	1	1	28.97	29.09	29.04
		1	11	29.06	29.11	28.97
		1	22	29.04	29.13	29.01
		12	0	28.02	28.21	28.07
		12	6	29.10	28.92	29.00
		12	12	28.07	28.09	28.07
		24	0	28.02	28.21	27.91
10M	DFT-S 16QAM	1	1	28.04	28.13	27.99
10M	DFT-S 64QAM	1	1	26.49	26.63	26.45
10M	DFT-S 256QAM	1	1	24.61	24.59	24.44
10M	CP QPSK	1	1	27.47	27.67	27.55

*EIRP (dBm) = Conducted Output Power (dBm) + Antenna Gain (3.65dBi)

NR Band 77 (Power class III)						
BW	MCS Index	RB Size	RB Offset	Mid		
		Channel		633334		
		Frequency (MHz)		3500.01		
100M	DFT-S PI/2 BPSK	1	1	25.18		
100M	DFT-S QPSK	1	1	25.33		
		1	137	24.98		
		1	271	24.83		
		135	0	24.04		
		135	69	24.98		
		135	138	23.87		
		270	0	23.83		
100M	DFT-S 16QAM	1	1	23.73		
100M	DFT-S 64QAM	1	1	22.96		
100M	DFT-S 256QAM	1	1	20.87		
100M	CP QPSK	1	1	22.68		
BW	MCS Index	RB Size	RB Offset	Low	Mid	High
		Channel		633000	633334	633666
		Frequency (MHz)		3495	3500.01	3504.99
90M	DFT-S PI/2 BPSK	1	1	25.00	25.06	24.92
90M	DFT-S QPSK	1	1	25.15	25.21	25.07
		1	123	24.80	24.86	24.72
		1	243	24.66	24.71	24.57
		120	0	23.86	23.92	23.78
		120	63	24.80	24.86	24.72
		120	125	23.69	23.75	23.61
		243	0	23.67	23.71	23.57
90M	DFT-S 16QAM	1	1	23.55	23.61	23.47
90M	DFT-S 64QAM	1	1	22.78	22.84	22.70
90M	DFT-S 256QAM	1	1	20.69	20.75	20.61
90M	CP QPSK	1	1	22.50	22.56	22.42
BW	MCS Index	Channel		632668	633334	63400
		Frequency (MHz)		3490.02	3500.01	3510
80M	DFT-S PI/2 BPSK	1	1	24.94	24.97	24.88
80M	DFT-S QPSK	1	1	25.07	25.13	24.99
		1	109	24.73	24.85	24.65
		1	215	24.59	24.71	24.56
		108	0	23.85	23.82	23.71
		108	55	24.70	24.78	24.67
		108	109	23.67	23.65	23.61
		216	0	23.60	23.67	23.50
80M	DFT-S 16QAM	1	1	23.55	23.59	23.44
80M	DFT-S 64QAM	1	1	22.74	22.80	22.65
80M	DFT-S 256QAM	1	1	20.60	20.65	20.60
80M	CP QPSK	1	1	22.49	22.47	22.37

*EIRP (dBm) = Conducted Output Power (dBm) + Antenna Gain (3.65dBi)

NR Band 77 (Power class III)						
BW	MCS Index	RB Size	RB Offset	Low	Mid	High
		Channel		632334	633334	634332
		Frequency (MHz)		3485.01	3500.01	3514.98
70M	DFT-S PI/2 BPSK	1	1	24.98	24.86	24.70
70M	DFT-S QPSK	1	1	25.02	25.09	25.00
		1	95	24.63	24.68	24.55
		1	187	24.52	24.62	24.52
		90	0	23.77	23.81	23.68
		90	50	24.65	24.73	24.62
		90	99	23.48	23.68	23.51
		180	0	23.49	23.54	23.41
70M	DFT-S 16QAM	1	1	23.38	23.42	23.38
70M	DFT-S 64QAM	1	1	22.69	22.80	22.65
70M	DFT-S 256QAM	1	1	20.57	20.68	20.52
70M	CP QPSK	1	1	22.39	22.46	22.27
BW	MCS Index	Channel		632000	633334	634666
		Frequency (MHz)		3480	3500.01	3519.99
60M	DFT-S PI/2 BPSK	1	1	24.88	24.96	24.75
60M	DFT-S QPSK	1	1	25.02	25.07	24.76
		1	81	24.67	24.79	24.47
		1	160	24.58	24.56	24.29
		81	0	23.65	23.85	23.60
		81	41	24.67	24.78	24.43
		81	81	23.52	23.53	23.32
		162	0	23.59	23.64	23.24
60M	DFT-S 16QAM	1	1	23.42	23.44	23.35
60M	DFT-S 64QAM	1	1	22.75	22.77	22.60
60M	DFT-S 256QAM	1	1	20.63	20.69	20.45
60M	CP QPSK	1	1	22.45	22.43	22.19
BW	MCS Index	Channel		631668	633334	635000
		Frequency (MHz)		3475.02	3500.01	3525
50M	DFT-S PI/2 BPSK	1	1	24.89	24.93	24.89
50M	DFT-S QPSK	1	1	25.01	25.11	25.00
		1	67	24.69	24.69	24.52
		1	131	24.51	24.50	24.43
		64	0	23.78	23.85	23.62
		64	35	24.73	24.77	24.57
		64	69	23.50	23.58	23.46
		128	0	23.55	23.59	23.44
50M	DFT-S 16QAM	1	1	23.54	23.49	23.28
50M	DFT-S 64QAM	1	1	22.73	22.70	22.68
50M	DFT-S 256QAM	1	1	20.49	20.66	20.55
50M	CP QPSK	1	1	22.43	22.40	22.32

*EIRP (dBm) = Conducted Output Power (dBm) + Antenna Gain (3.65dBi)

NR Band 77 (Power class III)						
BW	MCS Index	RB Size	RB Offset	Low	Mid	High
		Channel		631334	633334	635332
		Frequency (MHz)		3470.01	3500.01	3529.98
40M	DFT-S PI/2 BPSK	1	1	24.93	25.00	24.72
40M	DFT-S QPSK	1	1	25.05	25.11	24.83
		1	53	24.69	24.67	24.58
		1	104	24.48	24.57	24.56
		50	0	23.83	23.88	23.60
		50	28	24.66	24.69	24.54
		50	56	23.60	23.55	23.38
		100	0	23.65	23.69	23.44
40M	DFT-S 16QAM	1	1	23.40	23.38	23.25
40M	DFT-S 64QAM	1	1	22.74	22.65	22.65
40M	DFT-S 256QAM	1	1	20.60	20.65	20.46
40M	CP QPSK	1	1	22.35	22.49	22.19
BW	MCS Index	Channel		631000	633334	635666
		Frequency (MHz)		3465	3500.01	3534.99
30M	DFT-S PI/2 BPSK	1	1	24.90	25.05	24.85
30M	DFT-S QPSK	1	1	25.13	25.12	25.01
		1	39	24.75	24.84	24.62
		1	76	24.66	24.65	24.54
		36	0	23.77	23.91	23.68
		36	21	24.75	24.78	24.68
		36	42	23.61	23.74	23.51
		75	0	23.64	23.67	23.51
30M	DFT-S 16QAM	1	1	23.52	23.53	23.45
30M	DFT-S 64QAM	1	1	22.69	22.78	22.65
30M	DFT-S 256QAM	1	1	20.67	20.69	20.52
30M	CP QPSK	1	1	22.49	22.50	22.39
BW	MCS Index	Channel		630668	633334	636000
		Frequency (MHz)		3460.02	3500.01	3540
20M	DFT-S PI/2 BPSK	1	1	24.84	24.90	24.78
20M	DFT-S QPSK	1	1	24.98	25.13	24.90
		1	26	24.74	24.65	24.62
		1	49	24.46	24.59	24.44
		25	0	23.84	23.68	23.67
		25	13	24.73	24.82	24.61
		25	26	23.65	23.63	23.45
		50	0	23.62	23.50	23.47
20M	DFT-S 16QAM	1	1	23.40	23.52	23.37
20M	DFT-S 64QAM	1	1	22.60	22.69	22.69
20M	DFT-S 256QAM	1	1	20.58	20.54	20.40
20M	CP QPSK	1	1	22.43	22.47	22.20

*EIRP (dBm) = Conducted Output Power (dBm) + Antenna Gain (3.65dBi)

NR Band 77 (Power class III)						
BW	MCS Index	RB Size	RB Offset	Low	Mid	High
		Channel		630500	633334	636166
		Frequency (MHz)		3457.5	3500.01	3542.49
15M	DFT-S PI/2 BPSK	1	1	24.78	24.92	24.78
15M	DFT-S QPSK	1	1	25.06	25.07	24.90
		1	19	24.69	24.77	24.42
		1	36	24.63	24.52	24.35
		18	0	23.78	23.83	23.55
		18	10	24.63	24.69	24.46
		18	20	23.52	23.56	23.52
		36	0	23.62	23.52	23.51
15M	DFT-S 16QAM	1	1	23.46	23.58	23.37
15M	DFT-S 64QAM	1	1	22.66	22.63	22.41
15M	DFT-S 256QAM	1	1	20.62	20.59	20.49
15M	CP QPSK	1	1	22.39	22.39	22.25
BW	MCS Index	Channel		630334	633334	636332
		Frequency (MHz)		3455.01	3500.01	3544.98
10M	DFT-S PI/2 BPSK	1	1	24.82	24.91	24.80
10M	DFT-S QPSK	1	1	25.04	25.12	24.90
		1	11	24.74	24.83	24.69
		1	22	24.57	24.57	24.53
		12	0	23.73	23.83	23.68
		12	6	24.66	24.83	24.60
		12	12	23.50	23.59	23.53
		24	0	23.54	23.54	23.47
10M	DFT-S 16QAM	1	1	23.37	23.59	23.27
10M	DFT-S 64QAM	1	1	22.76	22.59	22.52
10M	DFT-S 256QAM	1	1	20.46	20.66	20.37
10M	CP QPSK	1	1	22.44	22.47	22.31

*EIRP (dBm) = Conducted Output Power (dBm) + Antenna Gain (3.65dBi)

7.1.10 NR n77 (3700-3980 MHz) SCS 30 kHz (SA)

Conducted Output Power (dBm)

NR Band 77 (Power class II)						
BW	MCS Index	RB Size	RB Offset	Low	Mid	High
		Channel		650000	656000	662000
		Frequency (MHz)		3750	3840	3930
100M	DFT-S PI/2 BPSK	1	1	24.46	23.63	24.18
100M	DFT-S QPSK	1	1	24.51	24.61	24.27
		1	137	24.46	24.56	24.23
		1	271	24.31	24.41	24.18
		135	0	23.62	23.71	23.54
		135	69	24.52	24.58	24.40
		135	138	23.51	23.56	23.36
		270	0	23.55	23.60	23.34
100M	DFT-S 16QAM	1	1	23.65	23.67	23.56
100M	DFT-S 64QAM	1	1	21.78	21.88	21.59
100M	DFT-S 256QAM	1	1	19.89	19.91	19.75
100M	CP QPSK	1	1	23.08	23.18	22.92
BW	MCS Index	Channel		649668	656000	662332
		Frequency (MHz)		3745.02	3840	3934.98
90M	DFT-S PI/2 BPSK	1	1	24.45	23.57	24.13
90M	DFT-S QPSK	1	1	24.44	24.54	24.26
		1	109	24.40	24.46	24.22
		1	215	24.30	24.36	24.08
		108	0	23.53	23.68	23.50
		108	55	24.47	24.52	24.34
		108	109	23.45	23.56	23.28
		216	0	23.47	23.54	23.24
90M	DFT-S 16QAM	1	1	23.59	23.64	23.53
90M	DFT-S 64QAM	1	1	21.73	21.88	21.53
90M	DFT-S 256QAM	1	1	19.89	19.82	19.66
90M	CP QPSK	1	1	23.06	23.14	22.87
BW	MCS Index	Channel		649334	656000	662666
		Frequency (MHz)		3740.01	3840	3939.99
80M	DFT-S PI/2 BPSK	1	1	24.45	23.61	24.10
80M	DFT-S QPSK	1	1	24.39	24.54	24.17
		1	109	24.28	24.45	24.12
		1	215	24.23	24.31	24.06
		108	0	23.44	23.70	23.47
		108	55	24.36	24.50	24.35
		108	109	23.35	23.47	23.30
		216	0	23.46	22.57	23.12
80M	DFT-S 16QAM	1	1	23.45	23.52	23.20
80M	DFT-S 64QAM	1	1	21.78	22.05	21.61
80M	DFT-S 256QAM	1	1	19.71	19.87	19.62
80M	CP QPSK	1	1	22.99	23.17	22.95

NR Band 77 (Power class II)						
BW	MCS Index	RB Size	RB Offset	Low	Mid	High
		Channel		649000	656000	663000
		Frequency (MHz)		3735	3840	3945
70M	DFT-S PI/2 BPSK	1	1	24.36	23.54	24.02
70M	DFT-S QPSK	1	1	24.46	24.51	24.13
		1	95	24.40	24.43	24.13
		1	187	24.21	24.28	24.07
		90	0	23.56	23.59	23.47
		90	50	24.42	24.46	24.21
		90	99	23.48	23.56	23.29
		180	0	23.40	22.57	23.07
70M	DFT-S 16QAM	1	1	23.50	23.54	23.14
70M	DFT-S 64QAM	1	1	21.93	21.97	21.64
70M	DFT-S 256QAM	1	1	19.79	19.83	19.56
70M	CP QPSK	1	1	23.12	23.11	22.95
BW	MCS Index	Channel		648668	656000	663332
		Frequency (MHz)		3730.02	3840	3949.98
60M	DFT-S PI/2 BPSK	1	1	24.27	23.46	24.08
60M	DFT-S QPSK	1	1	24.42	24.44	24.09
		1	81	24.28	24.50	24.06
		1	160	24.13	24.23	23.99
		81	0	23.45	23.59	23.33
		81	41	24.45	24.44	24.18
		81	81	23.37	23.37	23.31
		162	0	23.25	22.49	23.03
60M	DFT-S 16QAM	1	1	23.36	23.45	23.10
60M	DFT-S 64QAM	1	1	21.71	21.92	21.50
60M	DFT-S 256QAM	1	1	19.68	19.76	19.46
60M	CP QPSK	1	1	22.95	23.07	22.93
BW	MCS Index	Channel		648334	656000	663666
		Frequency (MHz)		3725.01	3840	3954.99
50M	DFT-S PI/2 BPSK	1	1	24.18	23.40	24.04
50M	DFT-S QPSK	1	1	24.45	24.39	24.03
		1	67	24.37	24.35	24.06
		1	131	24.03	24.24	23.95
		64	0	23.28	23.56	23.31
		64	35	24.42	24.27	24.15
		64	69	23.27	23.32	23.27
		128	0	23.13	22.47	22.96
50M	DFT-S 16QAM	1	1	23.35	23.43	23.06
50M	DFT-S 64QAM	1	1	21.87	21.91	21.52
50M	DFT-S 256QAM	1	1	19.53	19.67	19.43
50M	CP QPSK	1	1	22.80	23.13	22.83

NR Band 77 (Power class II)						
BW	MCS Index	RB Size	RB Offset	Low	Mid	High
		Channel		648000	656000	664000
		Frequency (MHz)		3720	3840	3960
40M	DFT-S PI/2 BPSK	1	1	24.28	23.48	23.97
40M	DFT-S QPSK	1	1	24.34	24.45	24.09
		1	53	24.22	24.41	23.96
		1	104	24.08	24.23	23.91
		50	0	23.42	23.64	23.33
		50	28	24.33	24.32	24.12
		50	56	23.26	23.38	23.26
		100	0	23.22	22.41	22.97
40M	DFT-S 16QAM	1	1	23.36	23.49	23.06
40M	DFT-S 64QAM	1	1	21.72	21.96	21.42
40M	DFT-S 256QAM	1	1	19.52	19.78	19.40
40M	CP QPSK	1	1	22.87	23.10	22.81
BW	MCS Index	Channel		647668	656000	664332
		Frequency (MHz)		3715.02	3840	3964.98
30M	DFT-S PI/2 BPSK	1	1	24.15	23.47	23.89
30M	DFT-S QPSK	1	1	24.30	24.31	23.94
		1	39	24.30	24.37	23.88
		1	76	23.95	24.11	23.90
		36	0	23.29	23.54	23.26
		36	21	24.24	24.25	24.02
		36	42	23.23	23.23	23.16
		75	0	23.20	22.45	22.85
30M	DFT-S 16QAM	1	1	23.36	23.29	23.02
30M	DFT-S 64QAM	1	1	21.77	21.79	21.47
30M	DFT-S 256QAM	1	1	19.61	19.59	19.49
30M	CP QPSK	1	1	22.82	22.99	22.74
BW	MCS Index	Channel		647334	656000	664666
		Frequency (MHz)		3710.01	3840	3969.99
20M	DFT-S PI/2 BPSK	1	1	24.10	23.41	23.84
20M	DFT-S QPSK	1	1	24.33	24.29	23.99
		1	26	24.31	24.25	23.89
		1	49	24.02	24.06	23.81
		25	0	23.12	23.58	23.26
		25	13	24.24	24.15	23.96
		25	26	23.20	23.25	23.05
		50	0	23.07	22.39	22.75
20M	DFT-S 16QAM	1	1	23.37	23.34	22.97
20M	DFT-S 64QAM	1	1	21.73	21.76	21.34
20M	DFT-S 256QAM	1	1	19.46	19.62	19.41
20M	CP QPSK	1	1	22.68	23.07	22.73

NR Band 77 (Power class II)						
BW	MCS Index	RB Size	RB Offset	Low	Mid	High
		Channel		647168	656000	664832
		Frequency (MHz)		3707.52	3840	3972.48
15M	DFT-S PI/2 BPSK	1	1	24.14	23.44	23.80
15M	DFT-S QPSK	1	1	24.27	24.35	23.91
		1	19	24.26	24.27	23.85
		1	36	23.96	24.10	23.77
		18	0	23.21	23.59	23.12
		18	10	24.23	24.21	23.91
		18	20	23.15	23.27	23.04
		36	0	23.17	22.39	22.75
15M	DFT-S 16QAM	1	1	23.33	23.39	22.95
15M	DFT-S 64QAM	1	1	21.74	21.76	21.29
15M	DFT-S 256QAM	1	1	19.38	19.60	19.30
15M	CP QPSK	1	1	22.72	23.10	22.64
BW	MCS Index	Channel		647000	656000	665000
		Frequency (MHz)		3705	3840	3975
10M	DFT-S PI/2 BPSK	1	1	24.10	23.44	23.77
10M	DFT-S QPSK	1	1	24.12	24.18	23.83
		1	11	24.26	24.27	23.77
		1	22	23.82	24.11	23.91
		12	0	23.13	23.55	23.16
		12	6	24.15	24.10	24.03
		12	12	23.06	23.23	23.01
		24	0	23.15	22.37	22.76
10M	DFT-S 16QAM	1	1	23.20	23.12	22.91
10M	DFT-S 64QAM	1	1	21.76	21.70	21.28
10M	DFT-S 256QAM	1	1	19.42	19.48	19.34
10M	CP QPSK	1	1	22.69	23.00	22.63

NR Band 77 (Power class III)						
BW	MCS Index	RB Size	RB Offset	Low	Mid	High
		Channel		650000	656000	662000
		Frequency (MHz)		3750	3840	3930
100M	DFT-S PI/2 BPSK	1	1	21.58	21.59	21.49
100M	DFT-S QPSK	1	1	21.68	21.70	21.54
		1	137	21.63	21.65	21.49
		1	271	21.57	21.59	21.43
		135	0	20.60	20.62	20.46
		135	69	21.62	21.64	21.48
		135	138	20.57	20.59	20.43
		270	0	20.55	20.57	20.41
100M	DFT-S 16QAM	1	1	20.54	20.56	20.40
100M	DFT-S 64QAM	1	1	19.21	19.23	19.07
100M	DFT-S 256QAM	1	1	17.16	17.18	17.02
100M	CP QPSK	1	1	20.24	20.26	20.10
BW	MCS Index	Channel		649668	656000	662332
		Frequency (MHz)		3745.02	3840	3934.98
90M	DFT-S PI/2 BPSK	1	1	21.56	21.56	21.49
90M	DFT-S QPSK	1	1	21.66	21.64	21.52
		1	109	21.59	21.60	21.49
		1	215	21.54	21.54	21.43
		108	0	20.50	20.58	20.44
		108	55	21.59	21.60	21.41
		108	109	20.47	20.59	20.33
		216	0	20.49	20.47	20.35
90M	DFT-S 16QAM	1	1	20.52	20.49	20.38
90M	DFT-S 64QAM	1	1	19.15	19.19	19.00
90M	DFT-S 256QAM	1	1	17.15	17.15	16.98
90M	CP QPSK	1	1	20.23	20.23	20.09
BW	MCS Index	Channel		649334	656000	662666
		Frequency (MHz)		3740.01	3840	3939.99
80M	DFT-S PI/2 BPSK	1	1	21.48	21.53	21.33
80M	DFT-S QPSK	1	1	21.51	21.59	21.47
		1	109	21.47	21.50	21.40
		1	215	21.43	21.49	21.32
		108	0	20.46	20.47	20.30
		108	55	21.59	21.54	21.45
		108	109	20.56	20.49	20.32
		216	0	20.41	20.45	20.26
80M	DFT-S 16QAM	1	1	20.46	20.48	20.28
80M	DFT-S 64QAM	1	1	19.14	19.14	19.01
80M	DFT-S 256QAM	1	1	17.10	16.99	16.92
80M	CP QPSK	1	1	20.21	20.19	19.93

NR Band 77 (Power class III)						
BW	MCS Index	RB Size	RB Offset	Low	Mid	High
		Channel		649000	656000	663000
		Frequency (MHz)		3735	3840	3945
70M	DFT-S PI/2 BPSK	1	1	21.46	21.51	21.38
70M	DFT-S QPSK	1	1	21.60	21.63	21.48
		1	95	21.51	21.55	21.35
		1	187	21.47	21.52	21.40
		90	0	20.55	20.55	20.35
		90	50	21.47	21.61	21.34
		90	99	20.47	20.51	20.31
		180	0	20.49	20.44	20.34
70M	DFT-S 16QAM	1	1	20.41	20.55	20.33
70M	DFT-S 64QAM	1	1	19.13	19.08	18.98
70M	DFT-S 256QAM	1	1	17.12	17.14	16.98
70M	CP QPSK	1	1	20.13	20.13	19.95
BW	MCS Index	Channel		648668	656000	663332
		Frequency (MHz)		3730.02	3840	3949.98
60M	DFT-S PI/2 BPSK	1	1	21.56	21.51	21.46
60M	DFT-S QPSK	1	1	21.68	21.60	21.48
		1	81	21.63	21.59	21.44
		1	160	21.53	21.57	21.33
		81	0	20.55	20.54	20.36
		81	41	21.61	21.63	21.41
		81	81	20.56	20.56	20.38
		162	0	20.54	20.51	20.37
60M	DFT-S 16QAM	1	1	20.52	20.47	20.38
60M	DFT-S 64QAM	1	1	19.12	19.23	19.02
60M	DFT-S 256QAM	1	1	17.07	17.16	16.94
60M	CP QPSK	1	1	20.20	20.26	20.02
BW	MCS Index	Channel		648334	656000	663666
		Frequency (MHz)		3725.01	3840	3954.99
50M	DFT-S PI/2 BPSK	1	1	21.52	21.52	21.44
50M	DFT-S QPSK	1	1	21.49	21.68	21.42
		1	67	21.56	21.55	21.47
		1	131	21.46	21.45	21.26
		64	0	20.48	20.52	20.44
		64	35	21.53	21.56	21.33
		64	69	20.48	20.45	20.38
		128	0	20.38	20.56	20.24
50M	DFT-S 16QAM	1	1	20.46	20.44	20.28
50M	DFT-S 64QAM	1	1	19.18	19.13	18.95
50M	DFT-S 256QAM	1	1	17.05	17.11	16.91
50M	CP QPSK	1	1	20.18	20.19	20.05

NR Band 77 (Power class III)						
BW	MCS Index	RB Size	RB Offset	Low	Mid	High
		Channel		648000	656000	664000
		Frequency (MHz)		3720	3840	3960
40M	DFT-S PI/2 BPSK	1	1	21.45	21.45	21.42
40M	DFT-S QPSK	1	1	21.58	21.62	21.43
		1	53	21.50	21.53	21.45
		1	104	21.45	21.46	21.31
		50	0	20.52	20.46	20.41
		50	28	21.47	21.55	21.36
		50	56	20.42	20.47	20.34
		100	0	20.39	20.45	20.27
40M	DFT-S 16QAM	1	1	20.37	20.45	20.38
40M	DFT-S 64QAM	1	1	19.10	19.14	18.92
40M	DFT-S 256QAM	1	1	17.07	17.18	16.92
40M	CP QPSK	1	1	20.16	20.21	20.07
BW	MCS Index	Channel		647668	656000	664332
		Frequency (MHz)		3715.02	3840	3964.98
30M	DFT-S PI/2 BPSK	1	1	21.53	21.51	21.43
30M	DFT-S QPSK	1	1	21.66	21.60	21.50
		1	39	21.62	21.64	21.46
		1	76	21.49	21.53	21.34
		36	0	20.52	20.52	20.45
		36	21	21.55	21.54	21.39
		36	42	20.55	20.59	20.43
		75	0	20.47	20.47	20.35
30M	DFT-S 16QAM	1	1	20.53	20.48	20.36
30M	DFT-S 64QAM	1	1	19.16	19.18	19.06
30M	DFT-S 256QAM	1	1	17.14	17.14	16.92
30M	CP QPSK	1	1	20.23	20.16	20.02
BW	MCS Index	Channel		647334	656000	664666
		Frequency (MHz)		3710.01	3840	3969.99
20M	DFT-S PI/2 BPSK	1	1	21.50	21.49	21.33
20M	DFT-S QPSK	1	1	21.54	21.65	21.50
		1	26	21.48	21.55	21.45
		1	49	21.42	21.43	21.41
		25	0	20.53	20.49	20.35
		25	13	21.53	21.46	21.36
		25	26	20.53	20.48	20.35
		50	0	20.45	20.49	20.23
20M	DFT-S 16QAM	1	1	20.47	20.46	20.38
20M	DFT-S 64QAM	1	1	19.11	19.18	19.05
20M	DFT-S 256QAM	1	1	17.14	17.16	16.94
20M	CP QPSK	1	1	20.16	20.16	20.05

NR Band 77 (Power class III)						
BW	MCS Index	RB Size	RB Offset	Low	Mid	High
		Channel		647168	656000	664832
		Frequency (MHz)		3707.52	3840	3972.48
15M	DFT-S PI/2 BPSK	1	1	21.47	21.49	21.34
15M	DFT-S QPSK	1	1	21.59	21.67	21.49
		1	19	21.53	21.51	21.31
		1	36	21.47	21.52	21.25
		18	0	20.53	20.52	20.32
		18	10	21.49	21.54	21.40
		18	20	20.55	20.42	20.31
		36	0	20.45	20.42	20.29
15M	DFT-S 16QAM	1	1	20.41	20.39	20.22
15M	DFT-S 64QAM	1	1	19.14	19.09	19.02
15M	DFT-S 256QAM	1	1	17.06	17.03	16.82
15M	CP QPSK	1	1	20.19	20.07	20.01
BW	MCS Index	Channel		647000	656000	665000
		Frequency (MHz)		3705	3840	3975
10M	DFT-S PI/2 BPSK	1	1	21.58	21.50	21.40
10M	DFT-S QPSK	1	1	21.61	21.61	21.46
		1	11	21.57	21.58	21.47
		1	22	21.50	21.58	21.35
		12	0	20.51	20.52	20.37
		12	6	21.57	21.62	21.42
		12	12	20.52	20.53	20.33
		24	0	20.50	20.49	20.33
10M	DFT-S 16QAM	1	1	20.49	20.46	20.38
10M	DFT-S 64QAM	1	1	19.05	19.11	19.03
10M	DFT-S 256QAM	1	1	17.07	17.08	17.00
10M	CP QPSK	1	1	20.10	20.26	20.02

EIRP Power (dBm)

NR Band 77 (Power class II)						
BW	MCS Index	RB Size	RB Offset	Low	Mid	High
		Channel		650000	656000	662000
		Frequency (MHz)		3750	3840	3930
100M	DFT-S PI/2 BPSK	1	1	29.83	29.00	29.55
100M	DFT-S QPSK	1	1	29.88	29.98	29.64
		1	137	29.83	29.93	29.60
		1	271	29.68	29.78	29.55
		135	0	28.99	29.08	28.91
		135	69	29.89	29.95	29.77
		135	138	28.88	28.93	28.73
		270	0	28.92	28.97	28.71
100M	DFT-S 16QAM	1	1	29.02	29.04	28.93
100M	DFT-S 64QAM	1	1	27.15	27.25	26.96
100M	DFT-S 256QAM	1	1	25.26	25.28	25.12
100M	CP QPSK	1	1	28.45	28.55	28.29
BW	MCS Index	Channel		649668	656000	662332
		Frequency (MHz)		3745.02	3840	3934.98
90M	DFT-S PI/2 BPSK	1	1	29.82	28.94	29.50
90M	DFT-S QPSK	1	1	29.81	29.91	29.63
		1	109	29.77	29.83	29.59
		1	215	29.67	29.73	29.45
		108	0	28.90	29.05	28.87
		108	55	29.84	29.89	29.71
		108	109	28.82	28.93	28.65
		216	0	28.84	28.91	28.61
90M	DFT-S 16QAM	1	1	28.96	29.01	28.90
90M	DFT-S 64QAM	1	1	27.10	27.25	26.90
90M	DFT-S 256QAM	1	1	25.26	25.19	25.03
90M	CP QPSK	1	1	28.43	28.51	28.24
BW	MCS Index	Channel		649334	656000	662666
		Frequency (MHz)		3740.01	3840	3939.99
80M	DFT-S PI/2 BPSK	1	1	29.82	28.98	29.47
80M	DFT-S QPSK	1	1	29.76	29.91	29.54
		1	109	29.65	29.82	29.49
		1	215	29.60	29.68	29.43
		108	0	28.81	29.07	28.84
		108	55	29.73	29.87	29.72
		108	109	28.72	28.84	28.67
		216	0	28.83	27.94	28.49
80M	DFT-S 16QAM	1	1	28.82	28.89	28.57
80M	DFT-S 64QAM	1	1	27.15	27.42	26.98
80M	DFT-S 256QAM	1	1	25.08	25.24	24.99
80M	CP QPSK	1	1	28.36	28.54	28.32

*EIRP (dBm) = Conducted Output Power (dBm) + Antenna Gain (5.37dBi)

NR Band 77 (Power class II)						
BW	MCS Index	RB Size	RB Offset	Low	Mid	High
		Channel		649000	656000	663000
		Frequency (MHz)		3735	3840	3945
70M	DFT-S PI/2 BPSK	1	1	29.73	28.91	29.39
70M	DFT-S QPSK	1	1	29.83	29.88	29.50
		1	95	29.77	29.80	29.50
		1	187	29.58	29.65	29.44
		90	0	28.93	28.96	28.84
		90	50	29.79	29.83	29.58
		90	99	28.85	28.93	28.66
		180	0	28.77	27.94	28.44
70M	DFT-S 16QAM	1	1	28.87	28.91	28.51
70M	DFT-S 64QAM	1	1	27.30	27.34	27.01
70M	DFT-S 256QAM	1	1	25.16	25.20	24.93
70M	CP QPSK	1	1	28.49	28.48	28.32
BW	MCS Index	Channel		648668	656000	663332
		Frequency (MHz)		3730.02	3840	3949.98
60M	DFT-S PI/2 BPSK	1	1	29.64	28.83	29.45
60M	DFT-S QPSK	1	1	29.79	29.81	29.46
		1	81	29.65	29.87	29.43
		1	160	29.50	29.60	29.36
		81	0	28.82	28.96	28.70
		81	41	29.82	29.81	29.55
		81	81	28.74	28.74	28.68
		162	0	28.62	27.86	28.40
60M	DFT-S 16QAM	1	1	28.73	28.82	28.47
60M	DFT-S 64QAM	1	1	27.08	27.29	26.87
60M	DFT-S 256QAM	1	1	25.05	25.13	24.83
60M	CP QPSK	1	1	28.32	28.44	28.30
BW	MCS Index	Channel		648334	656000	663666
		Frequency (MHz)		3725.01	3840	3954.99
50M	DFT-S PI/2 BPSK	1	1	29.55	28.77	29.41
50M	DFT-S QPSK	1	1	29.82	29.76	29.40
		1	67	29.74	29.72	29.43
		1	131	29.40	29.61	29.32
		64	0	28.65	28.93	28.68
		64	35	29.79	29.64	29.52
		64	69	28.64	28.69	28.64
		128	0	28.50	27.84	28.33
50M	DFT-S 16QAM	1	1	28.72	28.80	28.43
50M	DFT-S 64QAM	1	1	27.24	27.28	26.89
50M	DFT-S 256QAM	1	1	24.90	25.04	24.80
50M	CP QPSK	1	1	28.17	28.50	28.20

*EIRP (dBm) = Conducted Output Power (dBm) + Antenna Gain (5.37dBi)

NR Band 77 (Power class II)						
BW	MCS Index	RB Size	RB Offset	Low	Mid	High
		Channel		648000	656000	664000
		Frequency (MHz)		3720	3840	3960
40M	DFT-S PI/2 BPSK	1	1	29.65	28.85	29.34
40M	DFT-S QPSK	1	1	29.71	29.82	29.46
		1	53	29.59	29.78	29.33
		1	104	29.45	29.60	29.28
		50	0	28.79	29.01	28.70
		50	28	29.70	29.69	29.49
		50	56	28.63	28.75	28.63
		100	0	28.59	27.78	28.34
40M	DFT-S 16QAM	1	1	28.73	28.86	28.43
40M	DFT-S 64QAM	1	1	27.09	27.33	26.79
40M	DFT-S 256QAM	1	1	24.89	25.15	24.77
40M	CP QPSK	1	1	28.24	28.47	28.18
BW	MCS Index	Channel		647668	656000	664332
		Frequency (MHz)		3715.02	3840	3964.98
30M	DFT-S PI/2 BPSK	1	1	29.52	28.84	29.26
30M	DFT-S QPSK	1	1	29.67	29.68	29.31
		1	39	29.67	29.74	29.25
		1	76	29.32	29.48	29.27
		36	0	28.66	28.91	28.63
		36	21	29.61	29.62	29.39
		36	42	28.60	28.60	28.53
		75	0	28.57	27.82	28.22
30M	DFT-S 16QAM	1	1	28.73	28.66	28.39
30M	DFT-S 64QAM	1	1	27.14	27.16	26.84
30M	DFT-S 256QAM	1	1	24.98	24.96	24.86
30M	CP QPSK	1	1	28.19	28.36	28.11
BW	MCS Index	Channel		647334	656000	664666
		Frequency (MHz)		3710.01	3840	3969.99
20M	DFT-S PI/2 BPSK	1	1	29.47	28.78	29.21
20M	DFT-S QPSK	1	1	29.70	29.66	29.36
		1	26	29.68	29.62	29.26
		1	49	29.39	29.43	29.18
		25	0	28.49	28.95	28.63
		25	13	29.61	29.52	29.33
		25	26	28.57	28.62	28.42
		50	0	28.44	27.76	28.12
20M	DFT-S 16QAM	1	1	28.74	28.71	28.34
20M	DFT-S 64QAM	1	1	27.10	27.13	26.71
20M	DFT-S 256QAM	1	1	24.83	24.99	24.78
20M	CP QPSK	1	1	28.05	28.44	28.10

*EIRP (dBm) = Conducted Output Power (dBm) + Antenna Gain (5.37dBi)

NR Band 77 (Power class II)						
BW	MCS Index	RB Size	RB Offset	Low	Mid	High
		Channel		647168	656000	664832
		Frequency (MHz)		3707.52	3840	3972.48
15M	DFT-S PI/2 BPSK	1	1	29.51	28.81	29.17
15M	DFT-S QPSK	1	1	29.64	29.72	29.28
		1	19	29.63	29.64	29.22
		1	36	29.33	29.47	29.14
		18	0	28.58	28.96	28.49
		18	10	29.60	29.58	29.28
		18	20	28.52	28.64	28.41
		36	0	28.54	27.76	28.12
15M	DFT-S 16QAM	1	1	28.70	28.76	28.32
15M	DFT-S 64QAM	1	1	27.11	27.13	26.66
15M	DFT-S 256QAM	1	1	24.75	24.97	24.67
15M	CP QPSK	1	1	28.09	28.47	28.01
BW	MCS Index	Channel		647000	656000	665000
		Frequency (MHz)		3705	3840	3975
10M	DFT-S PI/2 BPSK	1	1	29.47	28.81	29.14
10M	DFT-S QPSK	1	1	29.49	29.55	29.20
		1	11	29.63	29.64	29.14
		1	22	29.19	29.48	29.28
		12	0	28.50	28.92	28.53
		12	6	29.52	29.47	29.40
		12	12	28.43	28.60	28.38
		24	0	28.52	27.74	28.13
10M	DFT-S 16QAM	1	1	28.57	28.49	28.28
10M	DFT-S 64QAM	1	1	27.13	27.07	26.65
10M	DFT-S 256QAM	1	1	24.79	24.85	24.71
10M	CP QPSK	1	1	28.06	28.37	28.00

*EIRP (dBm) = Conducted Output Power (dBm) + Antenna Gain (5.37dBi)

NR Band 77 (Power class III)						
BW	MCS Index	RB Size	RB Offset	Low	Mid	High
		Channel		650000	656000	662000
		Frequency (MHz)		3750	3840	3930
100M	DFT-S PI/2 BPSK	1	1	26.95	26.96	26.86
100M	DFT-S QPSK	1	1	27.05	27.07	26.91
		1	137	27.00	27.02	26.86
		1	271	26.94	26.96	26.80
		135	0	25.97	25.99	25.83
		135	69	26.99	27.01	26.85
		135	138	25.94	25.96	25.80
		270	0	25.92	25.94	25.78
100M	DFT-S 16QAM	1	1	25.91	25.93	25.77
100M	DFT-S 64QAM	1	1	24.58	24.60	24.44
100M	DFT-S 256QAM	1	1	22.53	22.55	22.39
100M	CP QPSK	1	1	25.61	25.63	25.47
BW	MCS Index	Channel		649668	656000	662332
		Frequency (MHz)		3745.02	3840	3934.98
90M	DFT-S PI/2 BPSK	1	1	26.93	26.93	26.86
90M	DFT-S QPSK	1	1	27.03	27.01	26.89
		1	109	26.96	26.97	26.86
		1	215	26.91	26.91	26.80
		108	0	25.87	25.95	25.81
		108	55	26.96	26.97	26.78
		108	109	25.84	25.96	25.70
		216	0	25.86	25.84	25.72
90M	DFT-S 16QAM	1	1	25.89	25.86	25.75
90M	DFT-S 64QAM	1	1	24.52	24.56	24.37
90M	DFT-S 256QAM	1	1	22.52	22.52	22.35
90M	CP QPSK	1	1	25.60	25.60	25.46
BW	MCS Index	Channel		649334	656000	662666
		Frequency (MHz)		3740.01	3840	3939.99
80M	DFT-S PI/2 BPSK	1	1	26.85	26.90	26.70
80M	DFT-S QPSK	1	1	26.88	26.96	26.84
		1	109	26.84	26.87	26.77
		1	215	26.80	26.86	26.69
		108	0	25.83	25.84	25.67
		108	55	26.96	26.91	26.82
		108	109	25.93	25.86	25.69
		216	0	25.78	25.82	25.63
80M	DFT-S 16QAM	1	1	25.83	25.85	25.65
80M	DFT-S 64QAM	1	1	24.51	24.51	24.38
80M	DFT-S 256QAM	1	1	22.47	22.36	22.29
80M	CP QPSK	1	1	25.58	25.56	25.30

*EIRP (dBm) = Conducted Output Power (dBm) + Antenna Gain (5.37dBi)

NR Band 77 (Power class III)						
BW	MCS Index	RB Size	RB Offset	Low	Mid	High
		Channel		649000	656000	663000
		Frequency (MHz)		3735	3840	3945
70M	DFT-S PI/2 BPSK	1	1	26.83	26.88	26.75
70M	DFT-S QPSK	1	1	26.97	27.00	26.85
		1	95	26.88	26.92	26.72
		1	187	26.84	26.89	26.77
		90	0	25.92	25.92	25.72
		90	50	26.84	26.98	26.71
		90	99	25.84	25.88	25.68
		180	0	25.86	25.81	25.71
70M	DFT-S 16QAM	1	1	25.78	25.92	25.70
70M	DFT-S 64QAM	1	1	24.50	24.45	24.35
70M	DFT-S 256QAM	1	1	22.49	22.51	22.35
70M	CP QPSK	1	1	25.50	25.50	25.32
BW	MCS Index	Channel		648668	656000	663332
		Frequency (MHz)		3730.02	3840	3949.98
60M	DFT-S PI/2 BPSK	1	1	26.93	26.88	26.83
60M	DFT-S QPSK	1	1	27.05	26.97	26.85
		1	81	27.00	26.96	26.81
		1	160	26.90	26.94	26.70
		81	0	25.92	25.91	25.73
		81	41	26.98	27.00	26.78
		81	81	25.93	25.93	25.75
		162	0	25.91	25.88	25.74
60M	DFT-S 16QAM	1	1	25.89	25.84	25.75
60M	DFT-S 64QAM	1	1	24.49	24.60	24.39
60M	DFT-S 256QAM	1	1	22.44	22.53	22.31
60M	CP QPSK	1	1	25.57	25.63	25.39
BW	MCS Index	Channel		648334	656000	663666
		Frequency (MHz)		3725.01	3840	3954.99
50M	DFT-S PI/2 BPSK	1	1	26.89	26.89	26.81
50M	DFT-S QPSK	1	1	26.86	27.05	26.79
		1	67	26.93	26.92	26.84
		1	131	26.83	26.82	26.63
		64	0	25.85	25.89	25.81
		64	35	26.90	26.93	26.70
		64	69	25.85	25.82	25.75
		128	0	25.75	25.93	25.61
50M	DFT-S 16QAM	1	1	25.83	25.81	25.65
50M	DFT-S 64QAM	1	1	24.55	24.50	24.32
50M	DFT-S 256QAM	1	1	22.42	22.48	22.28
50M	CP QPSK	1	1	25.55	25.56	25.42

*EIRP (dBm) = Conducted Output Power (dBm) + Antenna Gain (5.37dBi)

NR Band 77 (Power class III)						
BW	MCS Index	RB Size	RB Offset	Low	Mid	High
		Channel		648000	656000	664000
		Frequency (MHz)		3720	3840	3960
40M	DFT-S PI/2 BPSK	1	1	26.82	26.82	26.79
40M	DFT-S QPSK	1	1	26.95	26.99	26.80
		1	53	26.87	26.90	26.82
		1	104	26.82	26.83	26.68
		50	0	25.89	25.83	25.78
		50	28	26.84	26.92	26.73
		50	56	25.79	25.84	25.71
		100	0	25.76	25.82	25.64
40M	DFT-S 16QAM	1	1	25.74	25.82	25.75
40M	DFT-S 64QAM	1	1	24.47	24.51	24.29
40M	DFT-S 256QAM	1	1	22.44	22.55	22.29
40M	CP QPSK	1	1	25.53	25.58	25.44
BW	MCS Index	Channel		647668	656000	664332
		Frequency (MHz)		3715.02	3840	3964.98
30M	DFT-S PI/2 BPSK	1	1	26.90	26.88	26.80
30M	DFT-S QPSK	1	1	27.03	26.97	26.87
		1	39	26.99	27.01	26.83
		1	76	26.86	26.90	26.71
		36	0	25.89	25.89	25.82
		36	21	26.92	26.91	26.76
		36	42	25.92	25.96	25.80
		75	0	25.84	25.84	25.72
30M	DFT-S 16QAM	1	1	25.90	25.85	25.73
30M	DFT-S 64QAM	1	1	24.53	24.55	24.43
30M	DFT-S 256QAM	1	1	22.51	22.51	22.29
30M	CP QPSK	1	1	25.60	25.53	25.39
BW	MCS Index	Channel		647334	656000	664666
		Frequency (MHz)		3710.01	3840	3969.99
20M	DFT-S PI/2 BPSK	1	1	26.87	26.86	26.70
20M	DFT-S QPSK	1	1	26.91	27.02	26.87
		1	26	26.85	26.92	26.82
		1	49	26.79	26.80	26.78
		25	0	25.90	25.86	25.72
		25	13	26.90	26.83	26.73
		25	26	25.90	25.85	25.72
		50	0	25.82	25.86	25.60
20M	DFT-S 16QAM	1	1	25.84	25.83	25.75
20M	DFT-S 64QAM	1	1	24.48	24.55	24.42
20M	DFT-S 256QAM	1	1	22.51	22.53	22.31
20M	CP QPSK	1	1	25.53	25.53	25.42

*EIRP (dBm) = Conducted Output Power (dBm) + Antenna Gain (5.37dBi)

NR Band 77 (Power class III)						
BW	MCS Index	RB Size	RB Offset	Low	Mid	High
		Channel		647168	656000	664832
		Frequency (MHz)		3707.52	3840	3972.48
15M	DFT-S PI/2 BPSK	1	1	26.84	26.86	26.71
15M	DFT-S QPSK	1	1	26.96	27.04	26.86
		1	19	26.90	26.88	26.68
		1	36	26.84	26.89	26.62
		18	0	25.90	25.89	25.69
		18	10	26.86	26.91	26.77
		18	20	25.92	25.79	25.68
		36	0	25.82	25.79	25.66
15M	DFT-S 16QAM	1	1	25.78	25.76	25.59
15M	DFT-S 64QAM	1	1	24.51	24.46	24.39
15M	DFT-S 256QAM	1	1	22.43	22.40	22.19
15M	CP QPSK	1	1	25.56	25.44	25.38
BW	MCS Index	Channel		647000	656000	665000
		Frequency (MHz)		3705	3840	3975
10M	DFT-S PI/2 BPSK	1	1	26.95	26.87	26.77
10M	DFT-S QPSK	1	1	26.98	26.98	26.83
		1	11	26.94	26.95	26.84
		1	22	26.87	26.95	26.72
		12	0	25.88	25.89	25.74
		12	6	26.94	26.99	26.79
		12	12	25.89	25.90	25.70
		24	0	25.87	25.86	25.70
10M	DFT-S 16QAM	1	1	25.86	25.83	25.75
10M	DFT-S 64QAM	1	1	24.42	24.48	24.40
10M	DFT-S 256QAM	1	1	22.44	22.45	22.37
10M	CP QPSK	1	1	25.47	25.63	25.39

*EIRP (dBm) = Conducted Output Power (dBm) + Antenna Gain (5.37dBi)

7.1.11 NR n41 SCS 30 kHz (UL-MIMO)

EIRP Power (dBm)

Modulation Type: QPSK

NR Band 41, Channel Bandwidth 100MHz

Mode	TX channel 509202, 518598, 528000							
Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Freq. (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	2546.01	24.37	33.00	-8.63	1.78 H	141	86.77	-62.40
2	2592.99	24.46	33.00	-8.54	1.77 H	140	86.87	-62.41
3	2640.00	24.51	33.00	-8.49	1.80 H	144	86.73	-62.22
Antenna Polarity & Test Distance : Vertical at 3m								
No	Freq. (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	2546.01	25.25	33.00	-7.75	1.28 V	119	87.65	-62.40
2	2592.99	25.36	33.00	-7.64	1.22 V	117	87.77	-62.41
3	2640.00	25.43	33.00	-7.57	1.21 V	122	87.65	-62.22

Remarks:

1. EIRP(dBm/10MHz) = Raw Value(dBuV) + Correction Factor(dB/m).
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value.
4. The other EIRP levels were very low against the limit.

NR Band 41, Channel Bandwidth 90MHz

Mode	TX channel 508200, 518598, 528996							
Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Freq. (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	2541.00	24.37	33.00	-8.63	1.80 H	142	86.78	-62.41
2	2592.99	24.44	33.00	-8.56	1.76 H	140	86.85	-62.41
3	2644.98	24.51	33.00	-8.49	1.77 H	145	86.72	-62.21
Antenna Polarity & Test Distance : Vertical at 3m								
No	Freq. (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	2541.00	25.23	33.00	-7.77	1.23 V	119	87.64	-62.41
2	2592.99	25.25	33.00	-7.75	1.24 V	116	87.66	-62.41
3	2644.98	25.37	33.00	-7.63	1.24 V	122	87.58	-62.21

Remarks:

1. EIRP(dBm/10MHz) = Raw Value(dBuV) + Correction Factor(dB/m).
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value.
4. The other EIRP levels were very low against the limit.

NR Band 41, Channel Bandwidth 80MHz

Mode	TX channel 507204, 518598, 529998							
Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Freq. (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	2536.02	24.33	33.00	-8.67	1.74 H	140	86.75	-62.42
2	2592.99	24.44	33.00	-8.56	1.77 H	141	86.85	-62.41
3	2649.99	24.54	33.00	-8.46	1.75 H	143	86.72	-62.18
Antenna Polarity & Test Distance : Vertical at 3m								
No	Freq. (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	2536.02	25.23	33.00	-7.77	1.25 V	116	87.65	-62.42
2	2592.99	25.43	33.00	-7.57	1.24 V	117	87.84	-62.41
3	2649.99	25.41	33.00	-7.59	1.21 V	120	87.59	-62.18

Remarks:

1. EIRP(dBm/10MHz) = Raw Value(dBuV) + Correction Factor(dB/m).
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value.
4. The other EIRP levels were very low against the limit.

NR Band 41, Channel Bandwidth 60MHz

Mode	TX channel 505200, 518598, 531996							
Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Freq. (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	2526.00	24.31	33.00	-8.69	1.76 H	142	86.75	-62.44
2	2592.99	24.43	33.00	-8.57	1.74 H	144	86.84	-62.41
3	2659.98	24.52	33.00	-8.48	1.79 H	144	86.67	-62.15
Antenna Polarity & Test Distance : Vertical at 3m								
No	Freq. (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	2526.00	25.28	33.00	-7.72	1.25 V	116	87.72	-62.44
2	2592.99	25.40	33.00	-7.60	1.22 V	117	87.81	-62.41
3	2659.98	25.52	33.00	-7.48	1.22 V	125	87.67	-62.15

Remarks:

1. EIRP(dBm/10MHz) = Raw Value(dBuV) + Correction Factor(dB/m).
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value.
4. The other EIRP levels were very low against the limit.

NR Band 41, Channel Bandwidth 50MHz

Mode	TX channel 504204, 518598, 532998							
Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Freq. (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	2521.02	24.30	33.00	-8.70	1.76 H	140	86.75	-62.45
2	2592.99	24.41	33.00	-8.59	1.77 H	138	86.82	-62.41
3	2664.99	24.59	33.00	-8.41	1.80 H	145	86.71	-62.12
Antenna Polarity & Test Distance : Vertical at 3m								
No	Freq. (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	2521.02	25.21	33.00	-7.79	1.25 V	118	87.66	-62.45
2	2592.99	25.37	33.00	-7.63	1.23 V	116	87.78	-62.41
3	2664.99	25.38	33.00	-7.62	1.21 V	123	87.50	-62.12

Remarks:

1. EIRP(dBm/10MHz) = Raw Value(dBuV) + Correction Factor(dB/m).
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value.
4. The other EIRP levels were very low against the limit.

NR Band 41, Channel Bandwidth 40MHz

Mode	TX channel 503202, 518598, 534000							
Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Freq. (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	2516.01	24.31	33.00	-8.69	1.77 H	140	86.77	-62.46
2	2592.99	24.34	33.00	-8.66	1.74 H	144	86.75	-62.41
3	2670.00	24.62	33.00	-8.38	1.80 H	144	86.73	-62.11
Antenna Polarity & Test Distance : Vertical at 3m								
No	Freq. (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	2516.01	25.20	33.00	-7.80	1.25 V	116	87.66	-62.46
2	2592.99	25.30	33.00	-7.70	1.25 V	118	87.71	-62.41
3	2670.00	25.55	33.00	-7.45	1.20 V	119	87.66	-62.11

Remarks:

1. EIRP(dBm/10MHz) = Raw Value(dBuV) + Correction Factor(dB/m).
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value.
4. The other EIRP levels were very low against the limit.

NR Band 41, Channel Bandwidth 30MHz

Mode	TX channel 502200, 518598, 534996							
Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Freq. (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	2511.00	24.27	33.00	-8.73	1.75 H	144	86.74	-62.47
2	2592.99	24.31	33.00	-8.69	1.71 H	143	86.72	-62.41
3	2674.98	24.58	33.00	-8.42	1.81 H	139	86.67	-62.09
Antenna Polarity & Test Distance : Vertical at 3m								
No	Freq. (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	2511.00	25.18	33.00	-7.82	1.23 V	118	87.65	-62.47
2	2592.99	25.27	33.00	-7.73	1.26 V	120	87.68	-62.41
3	2674.98	25.52	33.00	-7.48	1.23 V	120	87.61	-62.09

Remarks:

1. EIRP(dBm/10MHz) = Raw Value(dBuV) + Correction Factor(dB/m).
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value.
4. The other EIRP levels were very low against the limit.

NR Band 41, Channel Bandwidth 20MHz

Mode	TX channel 501204, 518598, 535998							
Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Freq. (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	2506.02	24.11	33.00	-8.89	1.75 H	144	86.58	-62.47
2	2592.99	24.33	33.00	-8.67	1.75 H	140	86.74	-62.41
3	2679.99	24.58	33.00	-8.42	1.73 H	143	86.65	-62.07
Antenna Polarity & Test Distance : Vertical at 3m								
No	Freq. (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	2506.02	25.22	33.00	-7.78	1.23 V	120	87.69	-62.47
2	2592.99	25.39	33.00	-7.61	1.25 V	119	87.80	-62.41
3	2679.99	25.57	33.00	-7.43	1.20 V	116	87.64	-62.07

Remarks:

1. EIRP(dBm/10MHz) = Raw Value(dBuV) + Correction Factor(dB/m).
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value.
4. The other EIRP levels were very low against the limit.

Modulation Type: 16QAM

NR Band 41, Channel Bandwidth 100MHz

Mode	TX channel 509202, 518598, 528000							
Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Freq. (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	2546.01	23.26	33.00	-9.74	1.77 H	139	85.66	-62.40
2	2592.99	23.24	33.00	-9.76	1.75 H	142	85.65	-62.41
3	2640.00	23.41	33.00	-9.59	1.78 H	145	85.63	-62.22
Antenna Polarity & Test Distance : Vertical at 3m								
No	Freq. (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	2546.01	24.26	33.00	-8.74	1.22 V	120	86.66	-62.40
2	2592.99	24.14	33.00	-8.86	1.23 V	115	86.55	-62.41
3	2640.00	24.39	33.00	-8.61	1.21 V	120	86.61	-62.22

Remarks:

1. EIRP(dBm/10MHz) = Raw Value(dBuV) + Correction Factor(dB/m).
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value.
4. The other EIRP levels were very low against the limit.

NR Band 41, Channel Bandwidth 90MHz

Mode	TX channel 508200, 518598, 528996							
Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Freq. (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	2541.00	23.26	33.00	-9.74	1.77 H	140	85.67	-62.41
2	2592.99	23.23	33.00	-9.77	1.77 H	142	85.64	-62.41
3	2644.98	23.37	33.00	-9.63	1.78 H	145	85.58	-62.21
Antenna Polarity & Test Distance : Vertical at 3m								
No	Freq. (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	2541.00	24.25	33.00	-8.75	1.22 V	120	86.66	-62.41
2	2592.99	24.12	33.00	-8.88	1.22 V	115	86.53	-62.41
3	2644.98	24.37	33.00	-8.63	1.21 V	122	86.58	-62.21

Remarks:

1. EIRP(dBm/10MHz) = Raw Value(dBuV) + Correction Factor(dB/m).
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value.
4. The other EIRP levels were very low against the limit.

NR Band 41, Channel Bandwidth 80MHz

Mode	TX channel 507204, 518598, 529998							
Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Freq. (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	2536.02	23.25	33.00	-9.75	1.75 H	141	85.67	-62.42
2	2592.99	23.28	33.00	-9.72	1.75 H	140	85.69	-62.41
3	2649.99	23.48	33.00	-9.52	1.78 H	142	85.66	-62.18
Antenna Polarity & Test Distance : Vertical at 3m								
No	Freq. (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	2536.02	24.24	33.00	-8.76	1.22 V	117	86.66	-62.42
2	2592.99	25.35	33.00	-7.65	1.23 V	115	87.76	-62.41
3	2649.99	25.46	33.00	-7.54	1.20 V	118	87.64	-62.18

Remarks:

1. EIRP(dBm/10MHz) = Raw Value(dBuV) + Correction Factor(dB/m).
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value.
4. The other EIRP levels were very low against the limit.

NR Band 41, Channel Bandwidth 60MHz

Mode	TX channel 505200, 518598, 531996							
Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Freq. (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	2526.00	23.26	33.00	-9.74	1.72 H	138	85.70	-62.44
2	2592.99	23.25	33.00	-9.75	1.76 H	144	85.66	-62.41
3	2659.98	23.51	33.00	-9.49	1.78 H	143	85.66	-62.15
Antenna Polarity & Test Distance : Vertical at 3m								
No	Freq. (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	2526.00	24.22	33.00	-8.78	1.22 V	121	86.66	-62.44
2	2592.99	24.16	33.00	-8.84	1.23 V	115	86.57	-62.41
3	2659.98	24.40	33.00	-8.60	1.17 V	125	86.55	-62.15

Remarks:

1. EIRP(dBm/10MHz) = Raw Value(dBuV) + Correction Factor(dB/m).
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value.
4. The other EIRP levels were very low against the limit.

NR Band 41, Channel Bandwidth 50MHz

Mode	TX channel 504204, 518598, 532998							
Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Freq. (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	2521.02	23.19	33.00	-9.81	1.74 H	136	85.64	-62.45
2	2592.99	23.23	33.00	-9.77	1.75 H	144	85.64	-62.41
3	2664.99	23.42	33.00	-9.58	1.78 H	145	85.54	-62.12
Antenna Polarity & Test Distance : Vertical at 3m								
No	Freq. (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	2521.02	24.21	33.00	-8.79	1.25 V	121	86.66	-62.45
2	2592.99	24.17	33.00	-8.83	1.23 V	117	86.58	-62.41
3	2664.99	24.49	33.00	-8.51	1.19 V	123	86.61	-62.12

Remarks:

1. EIRP(dBm/10MHz) = Raw Value(dBuV) + Correction Factor(dB/m).
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value.
4. The other EIRP levels were very low against the limit.

NR Band 41, Channel Bandwidth 40MHz

Mode	TX channel 503202, 518598, 534000							
Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Freq. (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	2516.01	23.21	33.00	-9.79	1.75 H	139	85.67	-62.46
2	2592.99	23.25	33.00	-9.75	1.75 H	142	85.66	-62.41
3	2670.00	23.48	33.00	-9.52	1.78 H	145	85.59	-62.11
Antenna Polarity & Test Distance : Vertical at 3m								
No	Freq. (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	2516.01	24.25	33.00	-8.75	1.22 V	118	86.71	-62.46
2	2592.99	24.16	33.00	-8.84	1.23 V	119	86.57	-62.41
3	2670.00	24.52	33.00	-8.48	1.20 V	125	86.63	-62.11

Remarks:

1. EIRP(dBm/10MHz) = Raw Value(dBuV) + Correction Factor(dB/m).
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value.
4. The other EIRP levels were very low against the limit.

NR Band 41, Channel Bandwidth 30MHz

Mode	TX channel 502200, 518598, 534996							
Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Freq. (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	2511.00	23.19	33.00	-9.81	1.77 H	138	85.66	-62.47
2	2592.99	23.22	33.00	-9.78	1.71 H	140	85.63	-62.41
3	2674.98	23.45	33.00	-9.55	1.70 H	143	85.54	-62.09
Antenna Polarity & Test Distance : Vertical at 3m								
No	Freq. (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	2511.00	24.22	33.00	-8.78	1.21 V	118	86.69	-62.47
2	2592.99	24.15	33.00	-8.85	1.25 V	121	86.56	-62.41
3	2674.98	24.49	33.00	-8.51	1.19 V	121	86.58	-62.09

Remarks:

1. EIRP(dBm/10MHz) = Raw Value(dBuV) + Correction Factor(dB/m).
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value.
4. The other EIRP levels were very low against the limit.

NR Band 41, Channel Bandwidth 20MHz

Mode	TX channel 501204, 518598, 535998							
Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Freq. (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	2506.02	23.08	33.00	-9.92	1.77 H	145	85.55	-62.47
2	2592.99	23.22	33.00	-9.78	1.72 H	141	85.63	-62.41
3	2679.99	23.39	33.00	-9.61	1.69 H	140	85.46	-62.07
Antenna Polarity & Test Distance : Vertical at 3m								
No	Freq. (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	2506.02	24.06	33.00	-8.94	1.25 V	123	86.53	-62.47
2	2592.99	24.25	33.00	-8.75	1.23 V	118	86.66	-62.41
3	2679.99	24.55	33.00	-8.45	1.26 V	121	86.62	-62.07

Remarks:

1. EIRP(dBm/10MHz) = Raw Value(dBuV) + Correction Factor(dB/m).
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value.
4. The other EIRP levels were very low against the limit.

Modulation Type: 64QAM

NR Band 41, Channel Bandwidth 100MHz

Mode	TX channel 509202, 518598, 528000							
Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Freq. (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	2546.01	21.14	33.00	-11.86	1.70 H	145	83.54	-62.40
2	2592.99	21.23	33.00	-11.77	1.77 H	143	83.64	-62.41
3	2640.00	21.43	33.00	-11.57	1.72 H	145	83.65	-62.22
Antenna Polarity & Test Distance : Vertical at 3m								
No	Freq. (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	2546.01	22.15	33.00	-10.85	1.20 V	121	84.55	-62.40
2	2592.99	22.34	33.00	-10.66	1.19 V	116	84.75	-62.41
3	2640.00	22.60	33.00	-10.40	1.20 V	117	84.82	-62.22

Remarks:

1. EIRP(dBm/10MHz) = Raw Value(dBuV) + Correction Factor(dB/m).
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value.
4. The other EIRP levels were very low against the limit.

NR Band 41, Channel Bandwidth 90MHz

Mode	TX channel 508200, 518598, 528996							
Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Freq. (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	2541.00	21.23	33.00	-11.77	1.70 H	146	83.64	-62.41
2	2592.99	21.25	33.00	-11.75	1.77 H	145	83.66	-62.41
3	2644.98	21.34	33.00	-11.66	1.72 H	145	83.55	-62.21
Antenna Polarity & Test Distance : Vertical at 3m								
No	Freq. (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	2541.00	22.14	33.00	-10.86	1.22 V	121	84.55	-62.41
2	2592.99	22.24	33.00	-10.76	1.18 V	117	84.65	-62.41
3	2644.98	22.47	33.00	-10.53	1.20 V	116	84.68	-62.21

Remarks:

1. EIRP(dBm/10MHz) = Raw Value(dBuV) + Correction Factor(dB/m).
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value.
4. The other EIRP levels were very low against the limit.

NR Band 41, Channel Bandwidth 80MHz

Mode	TX channel 507204, 518598, 529998							
Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Freq. (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	2536.02	21.13	33.00	-11.87	1.70 H	142	83.55	-62.42
2	2592.99	21.23	33.00	-11.77	1.77 H	140	83.64	-62.41
3	2649.99	21.46	33.00	-11.54	1.72 H	142	83.64	-62.18
Antenna Polarity & Test Distance : Vertical at 3m								
No	Freq. (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	2536.02	22.14	33.00	-10.86	1.21 V	122	84.56	-62.42
2	2592.99	22.36	33.00	-10.64	1.18 V	115	84.77	-62.41
3	2649.99	22.47	33.00	-10.53	1.20 V	117	84.65	-62.18

Remarks:

1. EIRP(dBm/10MHz) = Raw Value(dBuV) + Correction Factor(dB/m).
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value.
4. The other EIRP levels were very low against the limit.

NR Band 41, Channel Bandwidth 60MHz

Mode	TX channel 505200, 518598, 531996							
Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Freq. (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	2526.00	21.11	33.00	-11.89	1.70 H	145	83.55	-62.44
2	2592.99	21.25	33.00	-11.75	1.77 H	144	83.66	-62.41
3	2659.98	21.43	33.00	-11.57	1.72 H	143	83.58	-62.15
Antenna Polarity & Test Distance : Vertical at 3m								
No	Freq. (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	2526.00	22.20	33.00	-10.80	1.22 V	120	84.64	-62.44
2	2592.99	22.24	33.00	-10.76	1.18 V	120	84.65	-62.41
3	2659.98	22.47	33.00	-10.53	1.18 V	115	84.62	-62.15

Remarks:

1. EIRP(dBm/10MHz) = Raw Value(dBuV) + Correction Factor(dB/m).
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value.
4. The other EIRP levels were very low against the limit.

NR Band 41, Channel Bandwidth 50MHz

Mode	TX channel 504204, 518598, 532998							
Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Freq. (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	2521.02	21.16	33.00	-11.84	1.70 H	145	83.61	-62.45
2	2592.99	21.25	33.00	-11.75	1.77 H	144	83.66	-62.41
3	2664.99	21.55	33.00	-11.45	1.72 H	145	83.67	-62.12
Antenna Polarity & Test Distance : Vertical at 3m								
No	Freq. (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	2521.02	22.11	33.00	-10.89	1.20 V	122	84.56	-62.45
2	2592.99	22.36	33.00	-10.64	1.18 V	115	84.77	-62.41
3	2664.99	22.55	33.00	-10.45	1.20 V	117	84.67	-62.12

Remarks:

1. EIRP(dBm/10MHz) = Raw Value(dBuV) + Correction Factor(dB/m).
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value.
4. The other EIRP levels were very low against the limit.

NR Band 41, Channel Bandwidth 40MHz

Mode	TX channel 503202, 518598, 534000							
Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Freq. (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	2516.01	21.09	33.00	-11.91	1.70 H	144	83.55	-62.46
2	2592.99	21.25	33.00	-11.75	1.78 H	143	83.66	-62.41
3	2670.00	21.50	33.00	-11.50	1.72 H	144	83.61	-62.11
Antenna Polarity & Test Distance : Vertical at 3m								
No	Freq. (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	2516.01	22.09	33.00	-10.91	1.20 V	123	84.55	-62.46
2	2592.99	22.36	33.00	-10.64	1.18 V	117	84.77	-62.41
3	2670.00	22.60	33.00	-10.40	1.22 V	119	84.71	-62.11

Remarks:

1. EIRP(dBm/10MHz) = Raw Value(dBuV) + Correction Factor(dB/m).
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value.
4. The other EIRP levels were very low against the limit.

NR Band 41, Channel Bandwidth 30MHz

Mode	TX channel 502200, 518598, 534996							
Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Freq. (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	2511.00	21.06	33.00	-11.94	1.68 H	141	83.53	-62.47
2	2592.99	21.22	33.00	-11.78	1.75 H	142	83.63	-62.41
3	2674.98	21.45	33.00	-11.55	1.75 H	143	83.54	-62.09
Antenna Polarity & Test Distance : Vertical at 3m								
No	Freq. (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	2511.00	22.07	33.00	-10.93	1.25 V	122	84.54	-62.47
2	2592.99	22.33	33.00	-10.67	1.23 V	122	84.74	-62.41
3	2674.98	22.57	33.00	-10.43	1.27 V	118	84.66	-62.09

Remarks:

1. EIRP(dBm/10MHz) = Raw Value(dBuV) + Correction Factor(dB/m).
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value.
4. The other EIRP levels were very low against the limit.

NR Band 41, Channel Bandwidth 20MHz

Mode	TX channel 501204, 518598, 535998							
Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Freq. (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	2506.02	21.13	33.00	-11.87	1.69 H	145	83.60	-62.47
2	2592.99	21.29	33.00	-11.71	1.68 H	145	83.70	-62.41
3	2679.99	21.49	33.00	-11.51	1.71 H	141	83.56	-62.07
Antenna Polarity & Test Distance : Vertical at 3m								
No	Freq. (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	2506.02	22.05	33.00	-10.95	1.25 V	133	84.52	-62.47
2	2592.99	22.26	33.00	-10.74	1.19 V	125	84.67	-62.41
3	2679.99	22.58	33.00	-10.42	1.23 V	123	84.65	-62.07

Remarks:

1. EIRP(dBm/10MHz) = Raw Value(dBuV) + Correction Factor(dB/m).
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value.
4. The other EIRP levels were very low against the limit.

Modulation Type: 256QAM

NR Band 41, Channel Bandwidth 100MHz

Mode	TX channel 509202, 518598, 528000							
Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Freq. (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	2546.01	19.27	33.00	-13.73	1.72 H	144	81.67	-62.40
2	2592.99	19.37	33.00	-13.63	1.72 H	140	81.78	-62.41
3	2640.00	19.66	33.00	-13.34	1.76 H	141	81.88	-62.22
Antenna Polarity & Test Distance : Vertical at 3m								
No	Freq. (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	2546.01	20.24	33.00	-12.76	1.21 V	119	82.64	-62.40
2	2592.99	20.36	33.00	-12.64	1.18 V	117	82.77	-62.41
3	2640.00	20.44	33.00	-12.56	1.20 V	119	82.66	-62.22

Remarks:

1. EIRP(dBm/10MHz) = Raw Value(dBuV) + Correction Factor(dB/m).
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value.
4. The other EIRP levels were very low against the limit.

NR Band 41, Channel Bandwidth 90MHz

Mode	TX channel 508200, 518598, 528996							
Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Freq. (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	2541.00	19.30	33.00	-13.70	1.72 H	144	81.71	-62.41
2	2592.99	19.36	33.00	-13.64	1.72 H	141	81.77	-62.41
3	2644.98	19.61	33.00	-13.39	1.75 H	141	81.82	-62.21
Antenna Polarity & Test Distance : Vertical at 3m								
No	Freq. (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	2541.00	20.21	33.00	-12.79	1.20 V	115	82.62	-62.41
2	2592.99	20.26	33.00	-12.74	1.18 V	116	82.67	-62.41
3	2644.98	20.44	33.00	-12.56	1.20 V	117	82.65	-62.21

Remarks:

1. EIRP(dBm/10MHz) = Raw Value(dBuV) + Correction Factor(dB/m).
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value.
4. The other EIRP levels were very low against the limit.

NR Band 41, Channel Bandwidth 80MHz

Mode	TX channel 507204, 518598, 529998							
Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Freq. (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	2536.02	19.21	33.00	-13.79	1.70 H	142	81.63	-62.42
2	2592.99	19.36	33.00	-13.64	1.72 H	143	81.77	-62.41
3	2649.99	19.49	33.00	-13.51	1.76 H	144	81.67	-62.18
Antenna Polarity & Test Distance : Vertical at 3m								
No	Freq. (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	2536.02	20.24	33.00	-12.76	1.22 V	117	82.66	-62.42
2	2592.99	20.37	33.00	-12.63	1.16 V	115	82.78	-62.41
3	2649.99	20.48	33.00	-12.52	1.20 V	122	82.66	-62.18

Remarks:

1. EIRP(dBm/10MHz) = Raw Value(dBuV) + Correction Factor(dB/m).
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value.
4. The other EIRP levels were very low against the limit.

NR Band 41, Channel Bandwidth 60MHz

Mode	TX channel 505200, 518598, 531996							
Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Freq. (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	2526.00	19.22	33.00	-13.78	1.70 H	144	81.66	-62.44
2	2592.99	19.31	33.00	-13.69	1.74 H	144	81.72	-62.41
3	2659.98	19.51	33.00	-13.49	1.73 H	139	81.66	-62.15
Antenna Polarity & Test Distance : Vertical at 3m								
No	Freq. (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	2526.00	20.22	33.00	-12.78	1.21 V	117	82.66	-62.44
2	2592.99	20.37	33.00	-12.63	1.18 V	116	82.78	-62.41
3	2659.98	20.51	33.00	-12.49	1.19 V	120	82.66	-62.15

Remarks:

1. EIRP(dBm/10MHz) = Raw Value(dBuV) + Correction Factor(dB/m).
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value.
4. The other EIRP levels were very low against the limit.

NR Band 41, Channel Bandwidth 50MHz

Mode	TX channel 504204, 518598, 532998							
Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Freq. (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	2521.02	19.12	33.00	-13.88	1.77 H	141	81.57	-62.45
2	2592.99	19.34	33.00	-13.66	1.72 H	140	81.75	-62.41
3	2664.99	19.53	33.00	-13.47	1.76 H	143	81.65	-62.12
Antenna Polarity & Test Distance : Vertical at 3m								
No	Freq. (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	2521.02	20.21	33.00	-12.79	1.22 V	117	82.66	-62.45
2	2592.99	20.40	33.00	-12.60	1.16 V	119	82.81	-62.41
3	2664.99	20.50	33.00	-12.50	1.20 V	116	82.62	-62.12

Remarks:

1. EIRP(dBm/10MHz) = Raw Value(dBuV) + Correction Factor(dB/m).
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value.
4. The other EIRP levels were very low against the limit.

NR Band 41, Channel Bandwidth 40MHz

Mode	TX channel 503202, 518598, 534000							
Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Freq. (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	2516.01	19.25	33.00	-13.75	1.74 H	145	81.71	-62.46
2	2592.99	19.37	33.00	-13.63	1.72 H	140	81.78	-62.41
3	2670.00	19.47	33.00	-13.53	1.76 H	141	81.58	-62.11
Antenna Polarity & Test Distance : Vertical at 3m								
No	Freq. (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	2516.01	20.09	33.00	-12.91	1.22 V	119	82.55	-62.46
2	2592.99	20.35	33.00	-12.65	1.19 V	117	82.76	-62.41
3	2670.00	20.47	33.00	-12.53	1.20 V	118	82.58	-62.11

Remarks:

1. EIRP(dBm/10MHz) = Raw Value(dBuV) + Correction Factor(dB/m).
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value.
4. The other EIRP levels were very low against the limit.

NR Band 41, Channel Bandwidth 30MHz

Mode	TX channel 502200, 518598, 534996							
Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Freq. (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	2511.00	19.23	33.00	-13.77	1.71 H	151	81.70	-62.47
2	2592.99	19.34	33.00	-13.66	1.70 H	143	81.75	-62.41
3	2674.98	19.45	33.00	-13.55	1.71 H	139	81.54	-62.09
Antenna Polarity & Test Distance : Vertical at 3m								
No	Freq. (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	2511.00	20.08	33.00	-12.92	1.25 V	121	82.55	-62.47
2	2592.99	20.33	33.00	-12.67	1.27 V	118	82.74	-62.41
3	2674.98	20.45	33.00	-12.55	1.22 V	120	82.54	-62.09

Remarks:

1. EIRP(dBm/10MHz) = Raw Value(dBuV) + Correction Factor(dB/m).
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value.
4. The other EIRP levels were very low against the limit.

NR Band 41, Channel Bandwidth 20MHz

Mode	TX channel 501204, 518598, 535998							
Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Freq. (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	2506.02	19.15	33.00	-13.85	1.68 H	144	81.62	-62.47
2	2592.99	19.28	33.00	-13.72	1.74 H	145	81.69	-62.41
3	2679.99	19.51	33.00	-13.49	1.67 H	146	81.58	-62.07
Antenna Polarity & Test Distance : Vertical at 3m								
No	Freq. (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	2506.02	20.06	33.00	-12.94	1.26 V	120	82.53	-62.47
2	2592.99	20.18	33.00	-12.82	1.23 V	118	82.59	-62.41
3	2679.99	20.48	33.00	-12.52	1.22 V	125	82.55	-62.07

Remarks:

1. EIRP(dBm/10MHz) = Raw Value(dBuV) + Correction Factor(dB/m).
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value.
4. The other EIRP levels were very low against the limit.

7.1.12 NR n77 (3450-3550 MHz) SCS 30 kHz (UL-MIMO)

EIRP Power (dBm)

Modulation Type: QPSK

NR Band 77 (3450-3550 MHz), Channel Bandwidth 100MHz

Mode	TX channel 633334							
Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Freq. (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	3500.01	23.99	30.00	-6.01	1.57 H	147	84.03	-60.04
Antenna Polarity & Test Distance : Vertical at 3m								
No	Freq. (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	3500.01	24.38	30.00	-5.62	1.65 V	68	84.42	-60.04

Remarks:

1. EIRP(dBm/10MHz) = Raw Value(dBuV) + Correction Factor(dB/m).
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value.
4. The other EIRP levels were very low against the limit.

NR Band 77 (3450-3550 MHz), Channel Bandwidth 90MHz

Mode	TX channel 633000, 633334, 633666							
Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Freq. (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	3495.00	23.78	30.00	-6.22	1.57 H	147	83.86	-60.08
2	3500.01	23.94	30.00	-6.06	1.57 H	146	83.98	-60.04
3	3504.99	23.66	30.00	-6.34	1.55 H	146	83.67	-60.01
Antenna Polarity & Test Distance : Vertical at 3m								
No	Freq. (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	3495.00	24.25	30.00	-5.75	1.60 V	70	84.33	-60.08
2	3500.01	24.34	30.00	-5.66	1.62 V	68	84.38	-60.04
3	3504.99	24.23	30.00	-5.77	1.58 V	67	84.24	-60.01

Remarks:

1. EIRP(dBm/10MHz) = Raw Value(dBuV) + Correction Factor(dB/m).
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value.
4. The other EIRP levels were very low against the limit.

NR Band 77 (3450-3550 MHz), Channel Bandwidth 80MHz

Mode	TX channel 632668, 633334, 634000							
Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Freq. (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	3490.02	23.75	30.00	-6.25	1.57 H	146	83.88	-60.13
2	3500.01	23.92	30.00	-6.08	1.55 H	146	83.96	-60.04
3	3510.00	23.67	30.00	-6.33	1.55 H	147	83.67	-60.00
Antenna Polarity & Test Distance : Vertical at 3m								
No	Freq. (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	3490.02	24.19	30.00	-5.81	1.60 V	66	84.32	-60.13
2	3500.01	24.35	30.00	-5.65	1.60 V	71	84.39	-60.04
3	3510.00	24.22	30.00	-5.78	1.56 V	66	84.22	-60.00

Remarks:

1. EIRP(dBm/10MHz) = Raw Value(dBuV) + Correction Factor(dB/m).
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value.
4. The other EIRP levels were very low against the limit.

NR Band 77 (3450-3550 MHz), Channel Bandwidth 70MHz

Mode	TX channel 632334, 633334, 634332							
Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Freq. (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	3485.01	23.70	30.00	-6.30	1.55 H	146	83.86	-60.16
2	3500.01	23.91	30.00	-6.09	1.54 H	152	83.95	-60.04
3	3514.98	23.69	30.00	-6.31	1.49 H	145	83.66	-59.97
Antenna Polarity & Test Distance : Vertical at 3m								
No	Freq. (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	3485.01	24.18	30.00	-5.82	1.60 V	72	84.34	-60.16
2	3500.01	24.32	30.00	-5.68	1.45 V	66	84.36	-60.04
3	3514.98	24.24	30.00	-5.76	1.56 V	67	84.21	-59.97

Remarks:

1. EIRP(dBm/10MHz) = Raw Value(dBuV) + Correction Factor(dB/m).
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value.
4. The other EIRP levels were very low against the limit.

NR Band 77 (3450-3550 MHz), Channel Bandwidth 60MHz

Mode	TX channel 632000, 633334, 634666							
Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Freq. (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	3480.00	23.63	30.00	-6.37	1.55 H	147	83.84	-60.21
2	3500.01	23.92	30.00	-6.08	1.57 H	146	83.96	-60.04
3	3519.99	23.71	30.00	-6.29	1.56 H	143	83.65	-59.94
Antenna Polarity & Test Distance : Vertical at 3m								
No	Freq. (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	3480.00	24.11	30.00	-5.89	1.60 V	72	84.32	-60.21
2	3500.01	24.31	30.00	-5.69	1.60 V	67	84.35	-60.04
3	3519.99	24.28	30.00	-5.72	1.57 V	69	84.22	-59.94

Remarks:

1. EIRP(dBm/10MHz) = Raw Value(dBuV) + Correction Factor(dB/m).
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value.
4. The other EIRP levels were very low against the limit.

NR Band 77 (3450-3550 MHz), Channel Bandwidth 50MHz

Mode	TX channel 631668, 633334, 635000							
Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Freq. (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	3475.02	23.59	30.00	-6.41	1.57 H	152	83.84	-60.25
2	3500.01	23.93	30.00	-6.07	1.56 H	145	83.97	-60.04
3	3525.00	23.74	30.00	-6.26	1.55 H	146	83.66	-59.92
Antenna Polarity & Test Distance : Vertical at 3m								
No	Freq. (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	3475.02	24.07	30.00	-5.93	1.60 V	71	84.32	-60.25
2	3500.01	24.38	30.00	-5.62	1.62 V	68	84.42	-60.04
3	3525.00	24.33	30.00	-5.67	1.55 V	67	84.25	-59.92

Remarks:

1. EIRP(dBm/10MHz) = Raw Value(dBuV) + Correction Factor(dB/m).
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value.
4. The other EIRP levels were very low against the limit.

NR Band 77 (3450-3550 MHz), Channel Bandwidth 40MHz

Mode	TX channel 631334, 633334, 635332							
Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Freq. (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	3470.01	23.55	30.00	-6.45	1.54 H	147	83.85	-60.30
2	3500.01	23.91	30.00	-6.09	1.58 H	147	83.95	-60.04
3	3529.98	23.76	30.00	-6.24	1.55 H	146	83.66	-59.90
Antenna Polarity & Test Distance : Vertical at 3m								
No	Freq. (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	3470.01	24.02	30.00	-5.98	1.59 V	70	84.32	-60.30
2	3500.01	24.41	30.00	-5.59	1.66 V	67	84.45	-60.04
3	3529.98	24.35	30.00	-5.65	1.56 V	67	84.25	-59.90

Remarks:

1. EIRP(dBm/10MHz) = Raw Value(dBuV) + Correction Factor(dB/m).
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value.
4. The other EIRP levels were very low against the limit.

NR Band 77 (3450-3550 MHz), Channel Bandwidth 30MHz

Mode	TX channel 631000, 633334, 635666							
Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Freq. (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	3465.00	23.48	30.00	-6.52	1.57 H	145	83.82	-60.34
2	3500.01	23.88	30.00	-6.12	1.55 H	147	83.92	-60.04
3	3534.99	23.75	30.00	-6.25	1.55 H	149	83.62	-59.87
Antenna Polarity & Test Distance : Vertical at 3m								
No	Freq. (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	3465.00	23.98	30.00	-6.02	1.60 V	73	84.32	-60.34
2	3500.01	24.32	30.00	-5.68	1.50 V	67	84.36	-60.04
3	3534.99	24.35	30.00	-5.65	1.55 V	65	84.22	-59.87

Remarks:

1. EIRP(dBm/10MHz) = Raw Value(dBuV) + Correction Factor(dB/m).
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value.
4. The other EIRP levels were very low against the limit.

NR Band 77 (3450-3550 MHz), Channel Bandwidth 20MHz

Mode	TX channel 630668, 633334, 636000							
Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Freq. (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	3460.02	23.46	30.00	-6.54	1.55 H	146	83.84	-60.38
2	3500.01	23.88	30.00	-6.12	1.56 H	144	83.92	-60.04
3	3540.00	23.82	30.00	-6.18	1.51 H	145	83.66	-59.84
Antenna Polarity & Test Distance : Vertical at 3m								
No	Freq. (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	3460.02	23.95	30.00	-6.05	1.59 V	68	84.33	-60.38
2	3500.01	24.31	30.00	-5.69	1.59 V	60	84.35	-60.04
3	3540.00	24.36	30.00	-5.64	1.57 V	67	84.20	-59.84

Remarks:

1. EIRP(dBm/10MHz) = Raw Value(dBuV) + Correction Factor(dB/m).
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value.
4. The other EIRP levels were very low against the limit.

NR Band 77 (3450-3550 MHz), Channel Bandwidth 15MHz

Mode	TX channel 630500, 633334, 636166							
Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Freq. (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	3457.50	23.42	30.00	-6.58	1.55 H	146	83.82	-60.40
2	3500.01	23.89	30.00	-6.11	1.56 H	149	83.93	-60.04
3	3542.49	23.75	30.00	-6.25	1.54 H	143	83.59	-59.84
Antenna Polarity & Test Distance : Vertical at 3m								
No	Freq. (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	3457.50	23.93	30.00	-6.07	1.59 V	69	84.33	-60.40
2	3500.01	24.37	30.00	-5.63	1.57 V	66	84.41	-60.04
3	3542.49	24.38	30.00	-5.62	1.56 V	63	84.22	-59.84

Remarks:

1. EIRP(dBm/10MHz) = Raw Value(dBuV) + Correction Factor(dB/m).
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value.
4. The other EIRP levels were very low against the limit.

NR Band 77 (3450-3550 MHz), Channel Bandwidth 10MHz

Mode	TX channel 630334, 633334, 636332							
Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Freq. (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	3455.01	23.42	30.00	-6.58	1.55 H	146	83.84	-60.42
2	3500.01	23.85	30.00	-6.15	1.57 H	146	83.89	-60.04
3	3544.98	23.81	30.00	-6.19	1.54 H	147	83.64	-59.83
Antenna Polarity & Test Distance : Vertical at 3m								
No	Freq. (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	3455.01	23.86	30.00	-6.14	1.60 V	74	84.28	-60.42
2	3500.01	24.29	30.00	-5.71	1.60 V	64	84.33	-60.04
3	3544.98	24.27	30.00	-5.73	1.58 V	69	84.10	-59.83

Remarks:

1. EIRP(dBm/10MHz) = Raw Value(dBuV) + Correction Factor(dB/m).
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value.
4. The other EIRP levels were very low against the limit.

Modulation Type: 16QAM

NR Band 77 (3450-3550 MHz), Channel Bandwidth 100MHz

Mode		TX channel 633334						
Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Freq. (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	3500.01	22.98	30.00	-7.02	1.53 H	149	83.02	-60.04
Antenna Polarity & Test Distance : Vertical at 3m								
No	Freq. (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	3500.01	23.35	30.00	-6.65	1.66 V	70	83.39	-60.04

Remarks:

1. EIRP(dBm/10MHz) = Raw Value(dBuV) + Correction Factor(dB/m).
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value.
4. The other EIRP levels were very low against the limit.

NR Band 77 (3450-3550 MHz), Channel Bandwidth 90MHz

Mode		TX channel 633000, 633334, 633666						
Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Freq. (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	3495.00	22.68	30.00	-7.32	1.55 H	147	82.76	-60.08
2	3500.01	22.83	30.00	-7.17	1.56 H	151	82.87	-60.04
3	3504.99	22.54	30.00	-7.46	1.52 H	149	82.55	-60.01
Antenna Polarity & Test Distance : Vertical at 3m								
No	Freq. (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	3495.00	23.28	30.00	-6.72	1.61 V	67	83.36	-60.08
2	3500.01	23.29	30.00	-6.71	1.58 V	70	83.33	-60.04
3	3504.99	23.21	30.00	-6.79	1.61 V	70	83.22	-60.01

Remarks:

1. EIRP(dBm/10MHz) = Raw Value(dBuV) + Correction Factor(dB/m).
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value.
4. The other EIRP levels were very low against the limit.

NR Band 77 (3450-3550 MHz), Channel Bandwidth 80MHz

Mode	TX channel 632668, 633334, 634000							
Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Freq. (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	3490.02	22.54	30.00	-7.46	1.55 H	145	82.67	-60.13
2	3500.01	22.79	30.00	-7.21	1.60 H	152	82.83	-60.04
3	3510.00	22.22	30.00	-7.78	1.50 H	147	82.22	-60.00
Antenna Polarity & Test Distance : Vertical at 3m								
No	Freq. (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	3490.02	23.23	30.00	-6.77	1.57 V	65	83.36	-60.13
2	3500.01	23.31	30.00	-6.69	1.58 V	70	83.35	-60.04
3	3510.00	23.24	30.00	-6.76	1.61 V	72	83.24	-60.00

Remarks:

1. EIRP(dBm/10MHz) = Raw Value(dBuV) + Correction Factor(dB/m).
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value.
4. The other EIRP levels were very low against the limit.

NR Band 77 (3450-3550 MHz), Channel Bandwidth 70MHz

Mode	TX channel 632334, 633334, 634332							
Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Freq. (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	3485.01	22.61	30.00	-7.39	1.55 H	145	82.77	-60.16
2	3500.01	22.84	30.00	-7.16	1.52 H	146	82.88	-60.04
3	3514.98	22.65	30.00	-7.35	1.56 H	147	82.62	-59.97
Antenna Polarity & Test Distance : Vertical at 3m								
No	Freq. (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	3485.01	23.20	30.00	-6.80	1.61 V	72	83.36	-60.16
2	3500.01	23.37	30.00	-6.63	1.50 V	66	83.41	-60.04
3	3514.98	23.27	30.00	-6.73	1.58 V	67	83.24	-59.97

Remarks:

1. EIRP(dBm/10MHz) = Raw Value(dBuV) + Correction Factor(dB/m).
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value.
4. The other EIRP levels were very low against the limit.

NR Band 77 (3450-3550 MHz), Channel Bandwidth 60MHz

Mode	TX channel 632000, 633334, 634666							
Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Freq. (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	3480.00	22.53	30.00	-7.47	1.55 H	149	82.74	-60.21
2	3500.01	22.84	30.00	-7.16	1.56 H	150	82.88	-60.04
3	3519.99	22.59	30.00	-7.41	1.53 H	147	82.53	-59.94
Antenna Polarity & Test Distance : Vertical at 3m								
No	Freq. (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	3480.00	23.20	30.00	-6.80	1.58 V	67	83.41	-60.21
2	3500.01	23.39	30.00	-6.61	1.58 V	70	83.43	-60.04
3	3519.99	23.30	30.00	-6.70	1.55 V	70	83.24	-59.94

Remarks:

1. EIRP(dBm/10MHz) = Raw Value(dBuV) + Correction Factor(dB/m).
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value.
4. The other EIRP levels were very low against the limit.

NR Band 77 (3450-3550 MHz), Channel Bandwidth 50MHz

Mode	TX channel 631668, 633334, 635000							
Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Freq. (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	3475.02	22.42	30.00	-7.58	1.55 H	145	82.67	-60.25
2	3500.01	22.82	30.00	-7.18	1.56 H	161	82.86	-60.04
3	3525.00	22.60	30.00	-7.40	1.50 H	147	82.52	-59.92
Antenna Polarity & Test Distance : Vertical at 3m								
No	Freq. (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	3475.02	23.08	30.00	-6.92	1.61 V	67	83.33	-60.25
2	3500.01	23.34	30.00	-6.66	1.55 V	72	83.38	-60.04
3	3525.00	23.28	30.00	-6.72	1.61 V	72	83.20	-59.92

Remarks:

1. EIRP(dBm/10MHz) = Raw Value(dBuV) + Correction Factor(dB/m).
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value.
4. The other EIRP levels were very low against the limit.

NR Band 77 (3450-3550 MHz), Channel Bandwidth 40MHz

Mode	TX channel 631334, 633334, 635332							
Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Freq. (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	3470.01	22.45	30.00	-7.55	1.54 H	145	82.75	-60.30
2	3500.01	22.81	30.00	-7.19	1.54 H	147	82.85	-60.04
3	3529.98	22.63	30.00	-7.37	1.50 H	147	82.53	-59.90
Antenna Polarity & Test Distance : Vertical at 3m								
No	Freq. (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	3470.01	23.05	30.00	-6.95	1.60 V	70	83.35	-60.30
2	3500.01	23.33	30.00	-6.67	1.60 V	72	83.37	-60.04
3	3529.98	23.34	30.00	-6.66	1.64 V	70	83.24	-59.90

Remarks:

1. EIRP(dBm/10MHz) = Raw Value(dBuV) + Correction Factor(dB/m).
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value.
4. The other EIRP levels were very low against the limit.

NR Band 77 (3450-3550 MHz), Channel Bandwidth 30MHz

Mode	TX channel 631000, 633334, 635666							
Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Freq. (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	3465.00	22.43	30.00	-7.57	1.55 H	146	82.77	-60.34
2	3500.01	22.81	30.00	-7.19	1.60 H	145	82.85	-60.04
3	3534.99	22.69	30.00	-7.31	1.57 H	148	82.56	-59.87
Antenna Polarity & Test Distance : Vertical at 3m								
No	Freq. (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	3465.00	23.00	30.00	-7.00	1.59 V	65	83.34	-60.34
2	3500.01	23.35	30.00	-6.65	1.57 V	70	83.39	-60.04
3	3534.99	23.34	30.00	-6.66	1.61 V	72	83.21	-59.87

Remarks:

1. EIRP(dBm/10MHz) = Raw Value(dBuV) + Correction Factor(dB/m).
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value.
4. The other EIRP levels were very low against the limit.

NR Band 77 (3450-3550 MHz), Channel Bandwidth 20MHz

Mode	TX channel 630668, 633334, 636000							
Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Freq. (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	3460.02	22.33	30.00	-7.67	1.55 H	146	82.71	-60.38
2	3500.01	22.72	30.00	-7.28	1.56 H	149	82.76	-60.04
3	3540.00	22.67	30.00	-7.33	1.54 H	146	82.51	-59.84
Antenna Polarity & Test Distance : Vertical at 3m								
No	Freq. (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	3460.02	22.90	30.00	-7.10	1.60 V	62	83.28	-60.38
2	3500.01	23.25	30.00	-6.75	1.57 V	68	83.29	-60.04
3	3540.00	23.33	30.00	-6.67	1.61 V	70	83.17	-59.84

Remarks:

1. EIRP(dBm/10MHz) = Raw Value(dBuV) + Correction Factor(dB/m).
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value.
4. The other EIRP levels were very low against the limit.

NR Band 77 (3450-3550 MHz), Channel Bandwidth 15MHz

Mode	TX channel 630500, 633334, 636166							
Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Freq. (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	3457.50	22.46	30.00	-7.54	1.55 H	147	82.86	-60.40
2	3500.01	22.80	30.00	-7.20	1.56 H	150	82.84	-60.04
3	3542.49	22.62	30.00	-7.38	1.51 H	144	82.46	-59.84
Antenna Polarity & Test Distance : Vertical at 3m								
No	Freq. (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	3457.50	22.93	30.00	-7.07	1.66 V	64	83.33	-60.40
2	3500.01	23.31	30.00	-6.69	1.57 V	68	83.35	-60.04
3	3542.49	23.31	30.00	-6.69	1.60 V	71	83.15	-59.84

Remarks:

1. EIRP(dBm/10MHz) = Raw Value(dBuV) + Correction Factor(dB/m).
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value.
4. The other EIRP levels were very low against the limit.

NR Band 77 (3450-3550 MHz), Channel Bandwidth 10MHz

Mode	TX channel 630334, 633334, 636332							
Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Freq. (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	3455.01	22.35	30.00	-7.65	1.56 H	145	82.77	-60.42
2	3500.01	22.81	30.00	-7.19	1.59 H	161	82.85	-60.04
3	3544.98	22.65	30.00	-7.35	1.54 H	146	82.48	-59.83
Antenna Polarity & Test Distance : Vertical at 3m								
No	Freq. (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	3455.01	22.92	30.00	-7.08	1.59 V	68	83.34	-60.42
2	3500.01	23.31	30.00	-6.69	1.57 V	67	83.35	-60.04
3	3544.98	23.31	30.00	-6.69	1.60 V	69	83.14	-59.83

Remarks:

1. EIRP(dBm/10MHz) = Raw Value(dBuV) + Correction Factor(dB/m).
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value.
4. The other EIRP levels were very low against the limit.

Modulation Type: 64QAM

NR Band 77 (3450-3550 MHz), Channel Bandwidth 100MHz

Mode		TX channel 633334						
Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Freq. (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	3500.01	21.78	30.00	-8.22	1.49 H	151	81.82	-60.04
Antenna Polarity & Test Distance : Vertical at 3m								
No	Freq. (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	3500.01	22.23	30.00	-7.77	1.67 V	65	82.27	-60.04

Remarks:

1. EIRP(dBm/10MHz) = Raw Value(dBuV) + Correction Factor(dB/m).
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value.
4. The other EIRP levels were very low against the limit.

NR Band 77 (3450-3550 MHz), Channel Bandwidth 90MHz

Mode		TX channel 633000, 633334, 633666						
Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Freq. (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	3495.00	21.69	30.00	-8.31	1.47 H	150	81.77	-60.08
2	3500.01	21.78	30.00	-8.22	1.52 H	147	81.82	-60.04
3	3504.99	21.61	30.00	-8.39	1.55 H	146	81.62	-60.01
Antenna Polarity & Test Distance : Vertical at 3m								
No	Freq. (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	3495.00	22.14	30.00	-7.86	1.60 V	67	82.22	-60.08
2	3500.01	22.21	30.00	-7.79	1.72 V	68	82.25	-60.04
3	3504.99	21.96	30.00	-8.04	1.52 V	66	81.97	-60.01

Remarks:

1. EIRP(dBm/10MHz) = Raw Value(dBuV) + Correction Factor(dB/m).
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value.
4. The other EIRP levels were very low against the limit.

NR Band 77 (3450-3550 MHz), Channel Bandwidth 80MHz

Mode	TX channel 632668, 633334, 634000							
Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Freq. (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	3490.02	21.62	30.00	-8.38	1.46 H	153	81.75	-60.13
2	3500.01	21.79	30.00	-8.21	1.50 H	147	81.83	-60.04
3	3510.00	21.46	30.00	-8.54	1.50 H	152	81.46	-60.00
Antenna Polarity & Test Distance : Vertical at 3m								
No	Freq. (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	3490.02	22.09	30.00	-7.91	1.60 V	70	82.22	-60.13
2	3500.01	22.20	30.00	-7.80	1.70 V	67	82.24	-60.04
3	3510.00	21.96	30.00	-8.04	1.52 V	62	81.96	-60.00

Remarks:

1. EIRP(dBm/10MHz) = Raw Value(dBuV) + Correction Factor(dB/m).
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value.
4. The other EIRP levels were very low against the limit.

NR Band 77 (3450-3550 MHz), Channel Bandwidth 70MHz

Mode	TX channel 632334, 633334, 634332							
Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Freq. (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	3485.01	21.65	30.00	-8.35	1.47 H	150	81.81	-60.16
2	3500.01	21.81	30.00	-8.19	1.50 H	147	81.85	-60.04
3	3514.98	21.60	30.00	-8.40	1.48 H	147	81.57	-59.97
Antenna Polarity & Test Distance : Vertical at 3m								
No	Freq. (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	3485.01	22.08	30.00	-7.92	1.60 V	67	82.24	-60.16
2	3500.01	22.18	30.00	-7.82	1.67 V	65	82.22	-60.04
3	3514.98	21.97	30.00	-8.03	1.55 V	63	81.94	-59.97

Remarks:

1. EIRP(dBm/10MHz) = Raw Value(dBuV) + Correction Factor(dB/m).
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value.
4. The other EIRP levels were very low against the limit.

NR Band 77 (3450-3550 MHz), Channel Bandwidth 60MHz

Mode	TX channel 632000, 633334, 634666							
Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Freq. (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	3480.00	21.46	30.00	-8.54	1.47 H	151	81.67	-60.21
2	3500.01	21.81	30.00	-8.19	1.52 H	146	81.85	-60.04
3	3519.99	21.63	30.00	-8.37	1.55 H	149	81.57	-59.94
Antenna Polarity & Test Distance : Vertical at 3m								
No	Freq. (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	3480.00	22.02	30.00	-7.98	1.57 V	67	82.23	-60.21
2	3500.01	22.28	30.00	-7.72	1.71 V	64	82.32	-60.04
3	3519.99	22.01	30.00	-7.99	1.54 V	64	81.95	-59.94

Remarks:

1. EIRP(dBm/10MHz) = Raw Value(dBuV) + Correction Factor(dB/m).
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value.
4. The other EIRP levels were very low against the limit.

NR Band 77 (3450-3550 MHz), Channel Bandwidth 50MHz

Mode	TX channel 631668, 633334, 635000							
Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Freq. (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	3475.02	21.52	30.00	-8.48	1.49 H	150	81.77	-60.25
2	3500.01	21.78	30.00	-8.22	1.52 H	146	81.82	-60.04
3	3525.00	21.66	30.00	-8.34	1.60 H	145	81.58	-59.92
Antenna Polarity & Test Distance : Vertical at 3m								
No	Freq. (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	3475.02	21.98	30.00	-8.02	1.60 V	64	82.23	-60.25
2	3500.01	22.25	30.00	-7.75	1.71 V	67	82.29	-60.04
3	3525.00	22.08	30.00	-7.92	1.55 V	67	82.00	-59.92

Remarks:

1. EIRP(dBm/10MHz) = Raw Value(dBuV) + Correction Factor(dB/m).
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value.
4. The other EIRP levels were very low against the limit.

NR Band 77 (3450-3550 MHz), Channel Bandwidth 40MHz

Mode	TX channel 631334, 633334, 635332							
Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Freq. (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	3470.01	21.48	30.00	-8.52	1.44 H	155	81.78	-60.30
2	3500.01	21.79	30.00	-8.21	1.52 H	146	81.83	-60.04
3	3529.98	21.68	30.00	-8.32	1.55 H	149	81.58	-59.90
Antenna Polarity & Test Distance : Vertical at 3m								
No	Freq. (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	3470.01	21.93	30.00	-8.07	1.60 V	70	82.23	-60.30
2	3500.01	22.26	30.00	-7.74	1.74 V	67	82.30	-60.04
3	3529.98	22.04	30.00	-7.96	1.52 V	66	81.94	-59.90

Remarks:

1. EIRP(dBm/10MHz) = Raw Value(dBuV) + Correction Factor(dB/m).
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value.
4. The other EIRP levels were very low against the limit.

NR Band 77 (3450-3550 MHz), Channel Bandwidth 30MHz

Mode	TX channel 631000, 633334, 635666							
Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Freq. (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	3465.00	21.34	30.00	-8.66	1.46 H	150	81.68	-60.34
2	3500.01	21.68	30.00	-8.32	1.55 H	147	81.72	-60.04
3	3534.99	21.69	30.00	-8.31	1.60 H	148	81.56	-59.87
Antenna Polarity & Test Distance : Vertical at 3m								
No	Freq. (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	3465.00	21.90	30.00	-8.10	1.60 V	70	82.24	-60.34
2	3500.01	22.18	30.00	-7.82	1.77 V	64	82.22	-60.04
3	3534.99	22.07	30.00	-7.93	1.57 V	67	81.94	-59.87

Remarks:

1. EIRP(dBm/10MHz) = Raw Value(dBuV) + Correction Factor(dB/m).
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value.
4. The other EIRP levels were very low against the limit.

NR Band 77 (3450-3550 MHz), Channel Bandwidth 20MHz

Mode	TX channel 630668, 633334, 636000							
Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Freq. (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	3460.02	21.36	30.00	-8.64	1.50 H	146	81.74	-60.38
2	3500.01	21.76	30.00	-8.24	1.53 H	145	81.80	-60.04
3	3540.00	21.73	30.00	-8.27	1.50 H	147	81.57	-59.84
Antenna Polarity & Test Distance : Vertical at 3m								
No	Freq. (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	3460.02	21.78	30.00	-8.22	1.60 V	65	82.16	-60.38
2	3500.01	22.17	30.00	-7.83	1.69 V	70	82.21	-60.04
3	3540.00	22.10	30.00	-7.90	1.55 V	64	81.94	-59.84

Remarks:

1. EIRP(dBm/10MHz) = Raw Value(dBuV) + Correction Factor(dB/m).
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value.
4. The other EIRP levels were very low against the limit.

NR Band 77 (3450-3550 MHz), Channel Bandwidth 15MHz

Mode	TX channel 630500, 633334, 636166							
Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Freq. (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	3457.50	21.26	30.00	-8.74	1.45 H	146	81.66	-60.40
2	3500.01	21.75	30.00	-8.25	1.50 H	143	81.79	-60.04
3	3542.49	21.67	30.00	-8.33	1.58 H	147	81.51	-59.84
Antenna Polarity & Test Distance : Vertical at 3m								
No	Freq. (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	3457.50	21.76	30.00	-8.24	1.60 V	67	82.16	-60.40
2	3500.01	22.20	30.00	-7.80	1.71 V	65	82.24	-60.04
3	3542.49	22.10	30.00	-7.90	1.51 V	64	81.94	-59.84

Remarks:

1. EIRP(dBm/10MHz) = Raw Value(dBuV) + Correction Factor(dB/m).
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value.
4. The other EIRP levels were very low against the limit.

NR Band 77 (3450-3550 MHz), Channel Bandwidth 10MHz

Mode	TX channel 630334, 633334, 636332							
Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Freq. (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	3455.01	21.33	30.00	-8.67	1.45 H	155	81.75	-60.42
2	3500.01	21.77	30.00	-8.23	1.56 H	145	81.81	-60.04
3	3544.98	21.77	30.00	-8.23	1.53 H	146	81.60	-59.83
Antenna Polarity & Test Distance : Vertical at 3m								
No	Freq. (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	3455.01	21.74	30.00	-8.26	1.60 V	66	82.16	-60.42
2	3500.01	22.20	30.00	-7.80	1.71 V	68	82.24	-60.04
3	3544.98	22.11	30.00	-7.89	1.52 V	64	81.94	-59.83

Remarks:

1. EIRP(dBm/10MHz) = Raw Value(dBuV) + Correction Factor(dB/m).
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value.
4. The other EIRP levels were very low against the limit.

Modulation Type: 256QAM

NR Band 77 (3450-3550 MHz), Channel Bandwidth 100MHz

Mode		TX channel 633334						
Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Freq. (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	3500.01	20.71	30.00	-9.29	1.48 H	145	80.75	-60.04
Antenna Polarity & Test Distance : Vertical at 3m								
No	Freq. (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	3500.01	21.18	30.00	-8.82	1.61 V	70	81.22	-60.04

Remarks:

1. EIRP(dBm/10MHz) = Raw Value(dBuV) + Correction Factor(dB/m).
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value.
4. The other EIRP levels were very low against the limit.

NR Band 77 (3450-3550 MHz), Channel Bandwidth 90MHz

Mode		TX channel 633000, 633334, 633666						
Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Freq. (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	3495.00	20.56	30.00	-9.44	1.44 H	150	80.64	-60.08
2	3500.01	20.68	30.00	-9.32	1.45 H	144	80.72	-60.04
3	3504.99	20.57	30.00	-9.43	1.52 H	146	80.58	-60.01
Antenna Polarity & Test Distance : Vertical at 3m								
No	Freq. (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	3495.00	21.08	30.00	-8.92	1.57 V	70	81.16	-60.08
2	3500.01	21.17	30.00	-8.83	1.70 V	73	81.21	-60.04
3	3504.99	20.95	30.00	-9.05	1.57 V	68	80.96	-60.01

Remarks:

1. EIRP(dBm/10MHz) = Raw Value(dBuV) + Correction Factor(dB/m).
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value.
4. The other EIRP levels were very low against the limit.

NR Band 77 (3450-3550 MHz), Channel Bandwidth 80MHz

Mode	TX channel 632668, 633334, 634000							
Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Freq. (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	3490.02	20.49	30.00	-9.51	1.44 H	152	80.62	-60.13
2	3500.01	20.67	30.00	-9.33	1.45 H	150	80.71	-60.04
3	3510.00	20.55	30.00	-9.45	1.52 H	146	80.55	-60.00
Antenna Polarity & Test Distance : Vertical at 3m								
No	Freq. (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	3490.02	21.02	30.00	-8.98	1.57 V	68	81.15	-60.13
2	3500.01	21.18	30.00	-8.82	1.67 V	70	81.22	-60.04
3	3510.00	20.93	30.00	-9.07	1.57 V	68	80.93	-60.00

Remarks:

1. EIRP(dBm/10MHz) = Raw Value(dBuV) + Correction Factor(dB/m).
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value.
4. The other EIRP levels were very low against the limit.

NR Band 77 (3450-3550 MHz), Channel Bandwidth 70MHz

Mode	TX channel 632334, 633334, 634332							
Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Freq. (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	3485.01	20.50	30.00	-9.50	1.46 H	152	80.66	-60.16
2	3500.01	20.70	30.00	-9.30	1.46 H	145	80.74	-60.04
3	3514.98	20.57	30.00	-9.43	1.55 H	147	80.54	-59.97
Antenna Polarity & Test Distance : Vertical at 3m								
No	Freq. (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	3485.01	21.04	30.00	-8.96	1.57 V	72	81.20	-60.16
2	3500.01	21.18	30.00	-8.82	1.73 V	69	81.22	-60.04
3	3514.98	20.92	30.00	-9.08	1.57 V	64	80.89	-59.97

Remarks:

1. EIRP(dBm/10MHz) = Raw Value(dBuV) + Correction Factor(dB/m).
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value.
4. The other EIRP levels were very low against the limit.

NR Band 77 (3450-3550 MHz), Channel Bandwidth 60MHz

Mode	TX channel 632000, 633334, 634666							
Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Freq. (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	3480.00	20.45	30.00	-9.55	1.44 H	152	80.66	-60.21
2	3500.01	20.70	30.00	-9.30	1.47 H	145	80.74	-60.04
3	3519.99	20.57	30.00	-9.43	1.50 H	149	80.51	-59.94
Antenna Polarity & Test Distance : Vertical at 3m								
No	Freq. (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	3480.00	20.99	30.00	-9.01	1.55 V	71	81.20	-60.21
2	3500.01	21.20	30.00	-8.80	1.69 V	74	81.24	-60.04
3	3519.99	20.99	30.00	-9.01	1.56 V	68	80.93	-59.94

Remarks:

1. EIRP(dBm/10MHz) = Raw Value(dBuV) + Correction Factor(dB/m).
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value.
4. The other EIRP levels were very low against the limit.

NR Band 77 (3450-3550 MHz), Channel Bandwidth 50MHz

Mode	TX channel 631668, 633334, 635000							
Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Freq. (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	3475.02	20.41	30.00	-9.59	1.45 H	152	80.66	-60.25
2	3500.01	20.66	30.00	-9.34	1.45 H	156	80.70	-60.04
3	3525.00	20.64	30.00	-9.36	1.52 H	147	80.56	-59.92
Antenna Polarity & Test Distance : Vertical at 3m								
No	Freq. (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	3475.02	20.90	30.00	-9.10	1.57 V	65	81.15	-60.25
2	3500.01	21.23	30.00	-8.77	1.70 V	73	81.27	-60.04
3	3525.00	21.03	30.00	-8.97	1.65 V	70	80.95	-59.92

Remarks:

1. EIRP(dBm/10MHz) = Raw Value(dBuV) + Correction Factor(dB/m).
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value.
4. The other EIRP levels were very low against the limit.

NR Band 77 (3450-3550 MHz), Channel Bandwidth 40MHz

Mode	TX channel 631334, 633334, 635332							
Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Freq. (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	3470.01	20.34	30.00	-9.66	1.55 H	157	80.64	-60.30
2	3500.01	20.71	30.00	-9.29	1.45 H	152	80.75	-60.04
3	3529.98	20.57	30.00	-9.43	1.52 H	147	80.47	-59.90
Antenna Polarity & Test Distance : Vertical at 3m								
No	Freq. (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	3470.01	20.85	30.00	-9.15	1.57 V	74	81.15	-60.30
2	3500.01	21.22	30.00	-8.78	1.70 V	71	81.26	-60.04
3	3529.98	21.08	30.00	-8.92	1.55 V	64	80.98	-59.90

Remarks:

1. EIRP(dBm/10MHz) = Raw Value(dBuV) + Correction Factor(dB/m).
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value.
4. The other EIRP levels were very low against the limit.

NR Band 77 (3450-3550 MHz), Channel Bandwidth 30MHz

Mode	TX channel 631000, 633334, 635666							
Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Freq. (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	3465.00	20.24	30.00	-9.76	1.44 H	152	80.58	-60.34
2	3500.01	20.63	30.00	-9.37	1.46 H	148	80.67	-60.04
3	3534.99	20.61	30.00	-9.39	1.50 H	145	80.48	-59.87
Antenna Polarity & Test Distance : Vertical at 3m								
No	Freq. (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	3465.00	20.81	30.00	-9.19	1.56 V	74	81.15	-60.34
2	3500.01	21.14	30.00	-8.86	1.69 V	74	81.18	-60.04
3	3534.99	21.04	30.00	-8.96	1.57 V	66	80.91	-59.87

Remarks:

1. EIRP(dBm/10MHz) = Raw Value(dBuV) + Correction Factor(dB/m).
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value.
4. The other EIRP levels were very low against the limit.

NR Band 77 (3450-3550 MHz), Channel Bandwidth 20MHz

Mode	TX channel 630668, 633334, 636000							
Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Freq. (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	3460.02	20.21	30.00	-9.79	1.44 H	150	80.59	-60.38
2	3500.01	20.66	30.00	-9.34	1.46 H	144	80.70	-60.04
3	3540.00	20.71	30.00	-9.29	1.57 H	148	80.55	-59.84
Antenna Polarity & Test Distance : Vertical at 3m								
No	Freq. (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	3460.02	20.77	30.00	-9.23	1.56 V	70	81.15	-60.38
2	3500.01	21.18	30.00	-8.82	1.71 V	68	81.22	-60.04
3	3540.00	21.05	30.00	-8.95	1.59 V	68	80.89	-59.84

Remarks:

1. EIRP(dBm/10MHz) = Raw Value(dBuV) + Correction Factor(dB/m).
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value.
4. The other EIRP levels were very low against the limit.

NR Band 77 (3450-3550 MHz), Channel Bandwidth 15MHz

Mode	TX channel 630500, 633334, 636166							
Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Freq. (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	3457.50	20.26	30.00	-9.74	1.45 H	152	80.66	-60.40
2	3500.01	20.67	30.00	-9.33	1.48 H	145	80.71	-60.04
3	3542.49	20.65	30.00	-9.35	1.50 H	147	80.49	-59.84
Antenna Polarity & Test Distance : Vertical at 3m								
No	Freq. (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	3457.50	20.74	30.00	-9.26	1.55 V	67	81.14	-60.40
2	3500.01	21.10	30.00	-8.90	1.68 V	70	81.14	-60.04
3	3542.49	22.10	30.00	-7.90	1.51 V	64	81.94	-59.84

Remarks:

1. EIRP(dBm/10MHz) = Raw Value(dBuV) + Correction Factor(dB/m).
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value.
4. The other EIRP levels were very low against the limit.

NR Band 77 (3450-3550 MHz), Channel Bandwidth 10MHz

Mode	TX channel 630334, 633334, 636332							
Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Freq. (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	3455.01	20.21	30.00	-9.79	1.52 H	147	80.63	-60.42
2	3500.01	20.71	30.00	-9.29	1.55 H	146	80.75	-60.04
3	3544.98	20.69	30.00	-9.31	1.58 H	145	80.52	-59.83
Antenna Polarity & Test Distance : Vertical at 3m								
No	Freq. (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	3455.01	20.72	30.00	-9.28	1.55 V	70	81.14	-60.42
2	3500.01	21.15	30.00	-8.85	1.68 V	72	81.19	-60.04
3	3544.98	21.13	30.00	-8.87	1.57 V	66	80.96	-59.83

Remarks:

1. EIRP(dBm/10MHz) = Raw Value(dBuV) + Correction Factor(dB/m).
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value.
4. The other EIRP levels were very low against the limit.

7.1.13 NR n77 (3700-3980 MHz) SCS 30 kHz (UL-MIMO)

EIRP Power (dBm)

Modulation Type: QPSK

NR Band 77 (3700-3980 MHz), Channel Bandwidth 100MHz

Mode	TX channel 650000, 656000, 662000							
Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Freq. (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	3750.00	24.94	30.00	-5.06	1.01 H	36	84.15	-59.21
2	3840.00	25.10	30.00	-4.90	1.00 H	39	84.01	-58.91
3	3930.00	24.99	30.00	-5.01	1.03 H	37	83.81	-58.82
Antenna Polarity & Test Distance : Vertical at 3m								
No	Freq. (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	3750.00	25.48	30.00	-4.52	1.58 V	323	84.69	-59.21
2	3840.00	25.61	30.00	-4.39	1.61 V	325	84.52	-58.91
3	3930.00	25.39	30.00	-4.61	1.59 V	322	84.21	-58.82

Remarks:

1. EIRP(dBm/10MHz) = Raw Value(dBuV) + Correction Factor(dB/m).
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value.
4. The other EIRP levels were very low against the limit.

NR Band 77 (3700-3980 MHz), Channel Bandwidth 90MHz

Mode	TX channel 649668, 656000, 662332							
Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Freq. (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	3745.02	24.91	30.00	-5.09	1.01 H	33	84.12	-59.21
2	3840.00	25.03	30.00	-4.97	1.00 H	36	83.94	-58.91
3	3934.98	24.93	30.00	-5.07	1.03 H	37	83.75	-58.82
Antenna Polarity & Test Distance : Vertical at 3m								
No	Freq. (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	3745.02	25.41	30.00	-4.59	1.55 V	323	84.62	-59.21
2	3840.00	25.54	30.00	-4.46	1.56 V	325	84.45	-58.91
3	3934.98	25.34	30.00	-4.66	1.59 V	324	84.16	-58.82

Remarks:

1. EIRP(dBm/10MHz) = Raw Value(dBuV) + Correction Factor(dB/m).
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value.
4. The other EIRP levels were very low against the limit.

NR Band 77 (3700-3980 MHz), Channel Bandwidth 80MHz

Mode	TX channel 649334, 656000, 662666							
Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Freq. (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	3740.01	24.82	30.00	-5.18	1.01 H	34	84.05	-59.23
2	3840.00	25.05	30.00	-4.95	1.05 H	44	83.96	-58.91
3	3939.99	24.98	30.00	-5.02	1.06 H	37	83.80	-58.82
Antenna Polarity & Test Distance : Vertical at 3m								
No	Freq. (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	3740.01	25.41	30.00	-4.59	1.55 V	322	84.64	-59.23
2	3840.00	25.57	30.00	-4.43	1.59 V	326	84.48	-58.91
3	3939.99	25.35	30.00	-4.65	1.54 V	323	84.17	-58.82

Remarks:

1. EIRP(dBm/10MHz) = Raw Value(dBuV) + Correction Factor(dB/m).
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value.
4. The other EIRP levels were very low against the limit.

NR Band 77 (3700-3980 MHz), Channel Bandwidth 70MHz

Mode	TX channel 649000, 656000, 663000							
Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Freq. (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	3735.00	24.73	30.00	-5.27	1.02 H	35	83.97	-59.24
2	3840.00	25.04	30.00	-4.96	1.02 H	38	83.95	-58.91
3	3945.00	24.97	30.00	-5.03	1.01 H	36	83.78	-58.81
Antenna Polarity & Test Distance : Vertical at 3m								
No	Freq. (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	3735.00	25.41	30.00	-4.59	1.58 V	324	84.65	-59.24
2	3840.00	25.52	30.00	-4.48	1.59 V	325	84.43	-58.91
3	3945.00	25.38	30.00	-4.62	1.57 V	322	84.19	-58.81

Remarks:

1. EIRP(dBm/10MHz) = Raw Value(dBuV) + Correction Factor(dB/m).
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value.
4. The other EIRP levels were very low against the limit.

NR Band 77 (3700-3980 MHz), Channel Bandwidth 60MHz

Mode	TX channel 648668, 656000, 663332							
Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Freq. (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	3730.02	24.70	30.00	-5.30	1.02 H	34	83.96	-59.26
2	3840.00	25.04	30.00	-4.96	1.04 H	40	83.95	-58.91
3	3949.98	24.87	30.00	-5.13	1.02 H	37	83.68	-58.81
Antenna Polarity & Test Distance : Vertical at 3m								
No	Freq. (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	3730.02	25.40	30.00	-4.60	1.55 V	323	84.66	-59.26
2	3840.00	25.54	30.00	-4.46	1.59 V	326	84.45	-58.91
3	3949.98	25.37	30.00	-4.63	1.54 V	321	84.18	-58.81

Remarks:

1. EIRP(dBm/10MHz) = Raw Value(dBuV) + Correction Factor(dB/m).
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value.
4. The other EIRP levels were very low against the limit.

NR Band 77 (3700-3980 MHz), Channel Bandwidth 50MHz

Mode	TX channel 648334, 656000, 663666							
Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Freq. (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	3725.01	24.78	30.00	-5.22	1.01 H	36	84.05	-59.27
2	3840.00	25.06	30.00	-4.94	1.02 H	40	83.97	-58.91
3	3954.99	24.92	30.00	-5.08	1.03 H	37	83.72	-58.80
Antenna Polarity & Test Distance : Vertical at 3m								
No	Freq. (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	3725.01	25.28	30.00	-4.72	1.54 V	323	84.55	-59.27
2	3840.00	25.54	30.00	-4.46	1.58 V	325	84.45	-58.91
3	3954.99	25.39	30.00	-4.61	1.59 V	322	84.19	-58.80

Remarks:

1. EIRP(dBm/10MHz) = Raw Value(dBuV) + Correction Factor(dB/m).
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value.
4. The other EIRP levels were very low against the limit.

NR Band 77 (3700-3980 MHz), Channel Bandwidth 40MHz

Mode	TX channel 648000, 656000, 664000							
Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Freq. (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	3720.00	24.68	30.00	-5.32	1.01 H	40	83.96	-59.28
2	3840.00	25.04	30.00	-4.96	1.02 H	36	83.95	-58.91
3	3960.00	25.00	30.00	-5.00	1.04 H	37	83.78	-58.78
Antenna Polarity & Test Distance : Vertical at 3m								
No	Freq. (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	3720.00	25.34	30.00	-4.66	1.58 V	322	84.62	-59.28
2	3840.00	25.58	30.00	-4.42	1.61 V	325	84.49	-58.91
3	3960.00	25.42	30.00	-4.58	1.57 V	322	84.20	-58.78

Remarks:

1. EIRP(dBm/10MHz) = Raw Value(dBuV) + Correction Factor(dB/m).
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value.
4. The other EIRP levels were very low against the limit.

NR Band 77 (3700-3980 MHz), Channel Bandwidth 30MHz

Mode	TX channel 647668, 656000, 664332							
Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Freq. (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	3715.02	24.63	30.00	-5.37	1.02 H	36	83.92	-59.29
2	3840.00	25.01	30.00	-4.99	1.06 H	39	83.92	-58.91
3	3964.98	24.96	30.00	-5.04	1.03 H	37	83.73	-58.77
Antenna Polarity & Test Distance : Vertical at 3m								
No	Freq. (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	3715.02	25.34	30.00	-4.66	1.56 V	322	84.63	-59.29
2	3840.00	25.53	30.00	-4.47	1.59 V	325	84.44	-58.91
3	3964.98	25.39	30.00	-4.61	1.59 V	326	84.16	-58.77

Remarks:

1. EIRP(dBm/10MHz) = Raw Value(dBuV) + Correction Factor(dB/m).
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value.
4. The other EIRP levels were very low against the limit.

NR Band 77 (3700-3980 MHz), Channel Bandwidth 20MHz

Mode	TX channel 647334, 656000, 664666							
Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Freq. (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	3710.01	24.62	30.00	-5.38	1.01 H	35	83.92	-59.30
2	3840.00	25.01	30.00	-4.99	1.00 H	36	83.92	-58.91
3	3969.99	25.03	30.00	-4.97	1.04 H	33	83.78	-58.75
Antenna Polarity & Test Distance : Vertical at 3m								
No	Freq. (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	3710.01	25.22	30.00	-4.78	1.55 V	323	84.52	-59.30
2	3840.00	25.55	30.00	-4.45	1.60 V	324	84.46	-58.91
3	3969.99	25.40	30.00	-4.60	1.52 V	320	84.15	-58.75

Remarks:

1. EIRP(dBm/10MHz) = Raw Value(dBuV) + Correction Factor(dB/m).
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value.
4. The other EIRP levels were very low against the limit.

NR Band 77 (3700-3980 MHz), Channel Bandwidth 15MHz

Mode	TX channel 647168, 656000, 664832							
Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Freq. (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	3707.52	24.57	30.00	-5.43	1.01 H	35	83.88	-59.31
2	3840.00	25.01	30.00	-4.99	1.01 H	34	83.92	-58.91
3	3972.48	25.05	30.00	-4.95	1.04 H	33	83.80	-58.75
Antenna Polarity & Test Distance : Vertical at 3m								
No	Freq. (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	3707.52	25.31	30.00	-4.69	1.56 V	322	84.62	-59.31
2	3840.00	25.56	30.00	-4.44	1.59 V	325	84.47	-58.91
3	3972.48	25.44	30.00	-4.56	1.59 V	324	84.19	-58.75

Remarks:

1. EIRP(dBm/10MHz) = Raw Value(dBuV) + Correction Factor(dB/m).
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value.
4. The other EIRP levels were very low against the limit.

NR Band 77 (3700-3980 MHz), Channel Bandwidth 10MHz

Mode	TX channel 647000, 656000, 665000							
Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Freq. (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	3705.00	24.67	30.00	-5.33	1.01 H	33	83.99	-59.32
2	3840.00	24.94	30.00	-5.06	1.03 H	40	83.85	-58.91
3	3975.00	24.91	30.00	-5.09	1.04 H	34	83.65	-58.74
Antenna Polarity & Test Distance : Vertical at 3m								
No	Freq. (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	3705.00	25.30	30.00	-4.70	1.56 V	325	84.62	-59.32
2	3840.00	25.55	30.00	-4.45	1.54 V	325	84.46	-58.91
3	3975.00	25.38	30.00	-4.62	1.58 V	322	84.12	-58.74

Remarks:

1. EIRP(dBm/10MHz) = Raw Value(dBuV) + Correction Factor(dB/m).
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value.
4. The other EIRP levels were very low against the limit.

Modulation Type: 16QAM

NR Band 77 (3700-3980 MHz), Channel Bandwidth 100MHz

Mode	TX channel 650000, 656000, 662000							
Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Freq. (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	3750.00	24.05	30.00	-5.95	1.05 H	38	83.26	-59.21
2	3840.00	24.11	30.00	-5.89	1.03 H	39	83.02	-58.91
3	3930.00	23.97	30.00	-6.03	1.04 H	40	82.79	-58.82
Antenna Polarity & Test Distance : Vertical at 3m								
No	Freq. (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	3750.00	24.36	30.00	-5.64	1.59 V	325	83.57	-59.21
2	3840.00	24.53	30.00	-5.47	1.57 V	322	83.44	-58.91
3	3930.00	24.29	30.00	-5.71	1.62 V	325	83.11	-58.82

Remarks:

1. EIRP(dBm/10MHz) = Raw Value(dBuV) + Correction Factor(dB/m).
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value.
4. The other EIRP levels were very low against the limit.

NR Band 77 (3700-3980 MHz), Channel Bandwidth 90MHz

Mode	TX channel 649668, 656000, 662332							
Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Freq. (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	3745.02	24.01	30.00	-5.99	1.00 H	38	83.22	-59.21
2	3840.00	24.09	30.00	-5.91	1.03 H	39	83.00	-58.91
3	3934.98	23.93	30.00	-6.07	1.04 H	40	82.75	-58.82
Antenna Polarity & Test Distance : Vertical at 3m								
No	Freq. (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	3745.02	24.34	30.00	-5.66	1.59 V	324	83.55	-59.21
2	3840.00	24.49	30.00	-5.51	1.57 V	323	83.40	-58.91
3	3934.98	24.28	30.00	-5.72	1.60 V	325	83.10	-58.82

Remarks:

1. EIRP(dBm/10MHz) = Raw Value(dBuV) + Correction Factor(dB/m).
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value.
4. The other EIRP levels were very low against the limit.

NR Band 77 (3700-3980 MHz), Channel Bandwidth 80MHz

Mode	TX channel 649334, 656000, 662666							
Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Freq. (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	3740.01	23.97	30.00	-6.03	1.05 H	33	83.20	-59.23
2	3840.00	24.05	30.00	-5.95	1.03 H	39	82.96	-58.91
3	3939.99	23.92	30.00	-6.08	1.04 H	40	82.74	-58.82
Antenna Polarity & Test Distance : Vertical at 3m								
No	Freq. (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	3740.01	24.29	30.00	-5.71	1.59 V	324	83.52	-59.23
2	3840.00	24.53	30.00	-5.47	1.57 V	322	83.44	-58.91
3	3939.99	24.22	30.00	-5.78	1.62 V	323	83.04	-58.82

Remarks:

1. EIRP(dBm/10MHz) = Raw Value(dBuV) + Correction Factor(dB/m).
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value.
4. The other EIRP levels were very low against the limit.

NR Band 77 (3700-3980 MHz), Channel Bandwidth 70MHz

Mode	TX channel 649000, 656000, 663000							
Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Freq. (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	3735.00	23.98	30.00	-6.02	1.04 H	36	83.22	-59.24
2	3840.00	24.05	30.00	-5.95	1.04 H	36	82.96	-58.91
3	3945.00	23.86	30.00	-6.14	1.03 H	40	82.67	-58.81
Antenna Polarity & Test Distance : Vertical at 3m								
No	Freq. (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	3735.00	24.28	30.00	-5.72	1.57 V	325	83.52	-59.24
2	3840.00	24.47	30.00	-5.53	1.59 V	323	83.38	-58.91
3	3945.00	24.26	30.00	-5.74	1.66 V	324	83.07	-58.81

Remarks:

1. EIRP(dBm/10MHz) = Raw Value(dBuV) + Correction Factor(dB/m).
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value.
4. The other EIRP levels were very low against the limit.

NR Band 77 (3700-3980 MHz), Channel Bandwidth 60MHz

Mode	TX channel 648668, 656000, 663332							
Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Freq. (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	3730.02	23.96	30.00	-6.04	1.05 H	322	83.22	-59.26
2	3840.00	24.00	30.00	-6.00	1.05 H	40	82.91	-58.91
3	3949.98	23.93	30.00	-6.07	1.02 H	36	82.74	-58.81
Antenna Polarity & Test Distance : Vertical at 3m								
No	Freq. (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	3730.02	24.29	30.00	-5.71	1.56 V	322	83.55	-59.26
2	3840.00	24.47	30.00	-5.53	1.52 V	323	83.38	-58.91
3	3949.98	24.27	30.00	-5.73	1.61 V	322	83.08	-58.81

Remarks:

1. EIRP(dBm/10MHz) = Raw Value(dBuV) + Correction Factor(dB/m).
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value.
4. The other EIRP levels were very low against the limit.

NR Band 77 (3700-3980 MHz), Channel Bandwidth 50MHz

Mode	TX channel 648334, 656000, 663666							
Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Freq. (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	3725.01	23.98	30.00	-6.02	1.04 H	32	83.25	-59.27
2	3840.00	24.04	30.00	-5.96	1.03 H	39	82.95	-58.91
3	3954.99	23.94	30.00	-6.06	1.04 H	30	82.74	-58.80
Antenna Polarity & Test Distance : Vertical at 3m								
No	Freq. (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	3725.01	24.28	30.00	-5.72	1.45 V	322	83.55	-59.27
2	3840.00	24.38	30.00	-5.62	1.56 V	323	83.29	-58.91
3	3954.99	24.30	30.00	-5.70	1.54 V	322	83.10	-58.80

Remarks:

1. EIRP(dBm/10MHz) = Raw Value(dBuV) + Correction Factor(dB/m).
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value.
4. The other EIRP levels were very low against the limit.

NR Band 77 (3700-3980 MHz), Channel Bandwidth 40MHz

Mode	TX channel 648000, 656000, 664000							
Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Freq. (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	3720.00	23.94	30.00	-6.06	1.04 H	38	83.22	-59.28
2	3840.00	23.97	30.00	-6.03	1.03 H	36	82.88	-58.91
3	3960.00	23.89	30.00	-6.11	1.04 H	45	82.67	-58.78
Antenna Polarity & Test Distance : Vertical at 3m								
No	Freq. (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	3720.00	24.24	30.00	-5.76	1.59 V	324	83.52	-59.28
2	3840.00	24.53	30.00	-5.47	1.57 V	322	83.44	-58.91
3	3960.00	24.20	30.00	-5.80	1.62 V	325	82.98	-58.78

Remarks:

1. EIRP(dBm/10MHz) = Raw Value(dBuV) + Correction Factor(dB/m).
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value.
4. The other EIRP levels were very low against the limit.

NR Band 77 (3700-3980 MHz), Channel Bandwidth 30MHz

Mode	TX channel 647668, 656000, 664332							
Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Freq. (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	3715.02	23.83	30.00	-6.17	1.04 H	36	83.12	-59.29
2	3840.00	23.98	30.00	-6.02	1.04 H	40	82.89	-58.91
3	3964.98	23.90	30.00	-6.10	1.04 H	43	82.67	-58.77
Antenna Polarity & Test Distance : Vertical at 3m								
No	Freq. (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	3715.02	24.26	30.00	-5.74	1.54 V	323	83.55	-59.29
2	3840.00	24.45	30.00	-5.55	1.57 V	323	83.36	-58.91
3	3964.98	24.33	30.00	-5.67	1.58 V	324	83.10	-58.77

Remarks:

1. EIRP(dBm/10MHz) = Raw Value(dBuV) + Correction Factor(dB/m).
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value.
4. The other EIRP levels were very low against the limit.

NR Band 77 (3700-3980 MHz), Channel Bandwidth 20MHz

Mode	TX channel 647334, 656000, 664666							
Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Freq. (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	3710.01	23.85	30.00	-6.15	1.04 H	33	83.15	-59.30
2	3840.00	24.01	30.00	-5.99	1.03 H	36	82.92	-58.91
3	3969.99	24.00	30.00	-6.00	1.04 H	40	82.75	-58.75
Antenna Polarity & Test Distance : Vertical at 3m								
No	Freq. (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	3710.01	24.18	30.00	-5.82	1.52 V	323	83.48	-59.30
2	3840.00	24.47	30.00	-5.53	1.52 V	322	83.38	-58.91
3	3969.99	24.31	30.00	-5.69	1.60 V	320	83.06	-58.75

Remarks:

1. EIRP(dBm/10MHz) = Raw Value(dBuV) + Correction Factor(dB/m).
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value.
4. The other EIRP levels were very low against the limit.

NR Band 77 (3700-3980 MHz), Channel Bandwidth 15MHz

Mode	TX channel 647168, 656000, 664832							
Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Freq. (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	3707.52	23.91	30.00	-6.09	1.04 H	36	83.22	-59.31
2	3840.00	24.00	30.00	-6.00	1.03 H	39	82.91	-58.91
3	3972.48	24.00	30.00	-6.00	1.04 H	42	82.75	-58.75
Antenna Polarity & Test Distance : Vertical at 3m								
No	Freq. (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	3707.52	24.24	30.00	-5.76	1.52 V	324	83.55	-59.31
2	3840.00	24.51	30.00	-5.49	1.57 V	322	83.42	-58.91
3	3972.48	24.33	30.00	-5.67	1.54 V	324	83.08	-58.75

Remarks:

1. EIRP(dBm/10MHz) = Raw Value(dBuV) + Correction Factor(dB/m).
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value.
4. The other EIRP levels were very low against the limit.

NR Band 77 (3700-3980 MHz), Channel Bandwidth 10MHz

Mode	TX channel 647000, 656000, 665000							
Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Freq. (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	3705.00	23.90	30.00	-6.10	1.04 H	32	83.22	-59.32
2	3840.00	24.02	30.00	-5.98	1.04 H	33	82.93	-58.91
3	3975.00	23.95	30.00	-6.05	1.03 H	40	82.69	-58.74
Antenna Polarity & Test Distance : Vertical at 3m								
No	Freq. (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	3705.00	24.23	30.00	-5.77	1.59 V	322	83.55	-59.32
2	3840.00	24.48	30.00	-5.52	1.48 V	324	83.39	-58.91
3	3975.00	24.31	30.00	-5.69	1.61 V	322	83.05	-58.74

Remarks:

1. EIRP(dBm/10MHz) = Raw Value(dBuV) + Correction Factor(dB/m).
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value.
4. The other EIRP levels were very low against the limit.

Modulation Type: 64QAM

NR Band 77 (3700-3980 MHz), Channel Bandwidth 100MHz

Mode	TX channel 650000, 656000, 662000							
Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Freq. (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	3750.00	22.91	30.00	-7.09	1.02 H	39	82.12	-59.21
2	3840.00	23.10	30.00	-6.90	1.01 H	37	82.01	-58.91
3	3930.00	22.80	30.00	-7.20	1.04 H	40	81.62	-58.82
Antenna Polarity & Test Distance : Vertical at 3m								
No	Freq. (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	3750.00	23.30	30.00	-6.70	1.55 V	326	82.51	-59.21
2	3840.00	23.48	30.00	-6.52	1.59 V	322	82.39	-58.91
3	3930.00	23.20	30.00	-6.80	1.61 V	329	82.02	-58.82

Remarks:

1. EIRP(dBm/10MHz) = Raw Value(dBuV) + Correction Factor(dB/m).
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value.
4. The other EIRP levels were very low against the limit.

NR Band 77 (3700-3980 MHz), Channel Bandwidth 90MHz

Mode	TX channel 649668, 656000, 662332							
Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Freq. (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	3745.02	22.89	30.00	-7.11	1.02 H	40	82.10	-59.21
2	3840.00	23.05	30.00	-6.95	1.00 H	33	81.96	-58.91
3	3934.98	22.76	30.00	-7.24	1.03 H	42	81.58	-58.82
Antenna Polarity & Test Distance : Vertical at 3m								
No	Freq. (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	3745.02	23.27	30.00	-6.73	1.55 V	323	82.48	-59.21
2	3840.00	23.42	30.00	-6.58	1.59 V	325	82.33	-58.91
3	3934.98	23.18	30.00	-6.82	1.57 V	326	82.00	-58.82

Remarks:

1. EIRP(dBm/10MHz) = Raw Value(dBuV) + Correction Factor(dB/m).
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value.
4. The other EIRP levels were very low against the limit.

NR Band 77 (3700-3980 MHz), Channel Bandwidth 80MHz

Mode	TX channel 649334, 656000, 662666							
Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Freq. (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	3740.01	22.82	30.00	-7.18	1.02 H	36	82.05	-59.23
2	3840.00	23.04	30.00	-6.96	1.01 H	34	81.95	-58.91
3	3939.99	22.75	30.00	-7.25	1.04 H	44	81.57	-58.82
Antenna Polarity & Test Distance : Vertical at 3m								
No	Freq. (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	3740.01	23.22	30.00	-6.78	1.56 V	324	82.45	-59.23
2	3840.00	23.41	30.00	-6.59	1.54 V	320	82.32	-58.91
3	3939.99	23.16	30.00	-6.84	1.59 V	324	81.98	-58.82

Remarks:

1. EIRP(dBm/10MHz) = Raw Value(dBuV) + Correction Factor(dB/m).
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value.
4. The other EIRP levels were very low against the limit.

NR Band 77 (3700-3980 MHz), Channel Bandwidth 70MHz

Mode	TX channel 649000, 656000, 663000							
Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Freq. (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	3735.00	22.82	30.00	-7.18	1.02 H	38	82.06	-59.24
2	3840.00	23.01	30.00	-6.99	1.01 H	37	81.92	-58.91
3	3945.00	22.77	30.00	-7.23	1.03 H	39	81.58	-58.81
Antenna Polarity & Test Distance : Vertical at 3m								
No	Freq. (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	3735.00	23.23	30.00	-6.77	1.54 V	322	82.47	-59.24
2	3840.00	23.43	30.00	-6.57	1.57 V	324	82.34	-58.91
3	3945.00	23.16	30.00	-6.84	1.58 V	326	81.97	-58.81

Remarks:

1. EIRP(dBm/10MHz) = Raw Value(dBuV) + Correction Factor(dB/m).
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value.
4. The other EIRP levels were very low against the limit.

NR Band 77 (3700-3980 MHz), Channel Bandwidth 60MHz

Mode	TX channel 648668, 656000, 663332							
Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Freq. (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	3730.02	22.79	30.00	-7.21	1.02 H	30	82.05	-59.26
2	3840.00	23.03	30.00	-6.97	1.01 H	36	81.94	-58.91
3	3949.98	22.79	30.00	-7.21	1.04 H	36	81.60	-58.81
Antenna Polarity & Test Distance : Vertical at 3m								
No	Freq. (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	3730.02	23.19	30.00	-6.81	1.52 V	325	82.45	-59.26
2	3840.00	23.44	30.00	-6.56	1.56 V	322	82.35	-58.91
3	3949.98	23.16	30.00	-6.84	1.60 V	326	81.97	-58.81

Remarks:

1. EIRP(dBm/10MHz) = Raw Value(dBuV) + Correction Factor(dB/m).
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value.
4. The other EIRP levels were very low against the limit.

NR Band 77 (3700-3980 MHz), Channel Bandwidth 50MHz

Mode	TX channel 648334, 656000, 663666							
Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Freq. (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	3725.01	22.84	30.00	-7.16	1.02 H	36	82.11	-59.27
2	3840.00	22.98	30.00	-7.02	1.01 H	36	81.89	-58.91
3	3954.99	22.79	30.00	-7.21	1.02 H	40	81.59	-58.80
Antenna Polarity & Test Distance : Vertical at 3m								
No	Freq. (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	3725.01	23.21	30.00	-6.79	1.55 V	326	82.48	-59.27
2	3840.00	23.41	30.00	-6.59	1.50 V	324	82.32	-58.91
3	3954.99	23.17	30.00	-6.83	1.58 V	325	81.97	-58.80

Remarks:

1. EIRP(dBm/10MHz) = Raw Value(dBuV) + Correction Factor(dB/m).
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value.
4. The other EIRP levels were very low against the limit.

NR Band 77 (3700-3980 MHz), Channel Bandwidth 40MHz

Mode	TX channel 648000, 656000, 664000							
Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Freq. (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	3720.00	22.84	30.00	-7.16	1.02 H	33	82.12	-59.28
2	3840.00	22.94	30.00	-7.06	1.01 H	37	81.85	-58.91
3	3960.00	22.77	30.00	-7.23	1.04 H	44	81.55	-58.78
Antenna Polarity & Test Distance : Vertical at 3m								
No	Freq. (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	3720.00	23.19	30.00	-6.81	1.57 V	322	82.47	-59.28
2	3840.00	23.45	30.00	-6.55	1.59 V	323	82.36	-58.91
3	3960.00	23.19	30.00	-6.81	1.57 V	325	81.97	-58.78

Remarks:

1. EIRP(dBm/10MHz) = Raw Value(dBuV) + Correction Factor(dB/m).
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value.
4. The other EIRP levels were very low against the limit.

NR Band 77 (3700-3980 MHz), Channel Bandwidth 30MHz

Mode	TX channel 647668, 656000, 664332							
Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Freq. (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	3715.02	22.76	30.00	-7.24	1.02 H	40	82.05	-59.29
2	3840.00	22.86	30.00	-7.14	1.03 H	36	81.77	-58.91
3	3964.98	22.85	30.00	-7.15	1.04 H	39	81.62	-58.77
Antenna Polarity & Test Distance : Vertical at 3m								
No	Freq. (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	3715.02	23.18	30.00	-6.82	1.54 V	323	82.47	-59.29
2	3840.00	23.42	30.00	-6.58	1.58 V	322	82.33	-58.91
3	3964.98	23.08	30.00	-6.92	1.62 V	326	81.85	-58.77

Remarks:

1. EIRP(dBm/10MHz) = Raw Value(dBuV) + Correction Factor(dB/m).
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value.
4. The other EIRP levels were very low against the limit.

NR Band 77 (3700-3980 MHz), Channel Bandwidth 20MHz

Mode	TX channel 647334, 656000, 664666							
Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Freq. (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	3710.01	22.81	30.00	-7.19	1.02 H	39	82.11	-59.30
2	3840.00	23.05	30.00	-6.95	1.01 H	37	81.96	-58.91
3	3969.99	22.83	30.00	-7.17	1.04 H	33	81.58	-58.75
Antenna Polarity & Test Distance : Vertical at 3m								
No	Freq. (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	3710.01	23.14	30.00	-6.86	1.52 V	323	82.44	-59.30
2	3840.00	23.45	30.00	-6.55	1.59 V	325	82.36	-58.91
3	3969.99	23.26	30.00	-6.74	1.59 V	328	82.01	-58.75

Remarks:

1. EIRP(dBm/10MHz) = Raw Value(dBuV) + Correction Factor(dB/m).
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value.
4. The other EIRP levels were very low against the limit.

NR Band 77 (3700-3980 MHz), Channel Bandwidth 15MHz

Mode	TX channel 647168, 656000, 664832							
Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Freq. (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	3707.52	22.77	30.00	-7.23	1.01 H	39	82.08	-59.31
2	3840.00	23.04	30.00	-6.96	1.04 H	28	81.95	-58.91
3	3972.48	22.82	30.00	-7.18	1.03 H	40	81.57	-58.75
Antenna Polarity & Test Distance : Vertical at 3m								
No	Freq. (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	3707.52	23.15	30.00	-6.85	1.56 V	322	82.46	-59.31
2	3840.00	23.46	30.00	-6.54	1.59 V	325	82.37	-58.91
3	3972.48	23.22	30.00	-6.78	1.61 V	324	81.97	-58.75

Remarks:

1. EIRP(dBm/10MHz) = Raw Value(dBuV) + Correction Factor(dB/m).
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value.
4. The other EIRP levels were very low against the limit.

NR Band 77 (3700-3980 MHz), Channel Bandwidth 10MHz

Mode	TX channel 647000, 656000, 665000							
Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Freq. (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	3705.00	22.63	30.00	-7.37	1.02 H	40	81.95	-59.32
2	3840.00	23.01	30.00	-6.99	1.01 H	36	81.92	-58.91
3	3975.00	22.83	30.00	-7.17	1.04 H	38	81.57	-58.74
Antenna Polarity & Test Distance : Vertical at 3m								
No	Freq. (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	3705.00	23.10	30.00	-6.90	1.55 V	325	82.42	-59.32
2	3840.00	23.46	30.00	-6.54	1.61 V	324	82.37	-58.91
3	3975.00	23.18	30.00	-6.82	1.57 V	324	81.92	-58.74

Remarks:

1. EIRP(dBm/10MHz) = Raw Value(dBuV) + Correction Factor(dB/m).
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value.
4. The other EIRP levels were very low against the limit.

Modulation Type: 256QAM

NR Band 77 (3700-3980 MHz), Channel Bandwidth 100MHz

Mode	TX channel 650000, 656000, 662000							
Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Freq. (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	3750.00	21.82	30.00	-8.18	1.04 H	36	81.03	-59.21
2	3840.00	22.02	30.00	-7.98	1.03 H	40	80.93	-58.91
3	3930.00	21.86	30.00	-8.14	1.00 H	37	80.68	-58.82
Antenna Polarity & Test Distance : Vertical at 3m								
No	Freq. (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	3750.00	22.17	30.00	-7.83	1.55 V	323	81.38	-59.21
2	3840.00	22.42	30.00	-7.58	1.59 V	330	81.33	-58.91
3	3930.00	22.19	30.00	-7.81	1.57 V	325	81.01	-58.82

Remarks:

1. EIRP(dBm/10MHz) = Raw Value(dBuV) + Correction Factor(dB/m).
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value.
4. The other EIRP levels were very low against the limit.

NR Band 77 (3700-3980 MHz), Channel Bandwidth 90MHz

Mode	TX channel 649668, 656000, 662332							
Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Freq. (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	3745.02	21.81	30.00	-8.19	1.04 H	33	81.02	-59.21
2	3840.00	21.96	30.00	-8.04	1.05 H	42	80.87	-58.91
3	3934.98	21.84	30.00	-8.16	1.00 H	37	80.66	-58.82
Antenna Polarity & Test Distance : Vertical at 3m								
No	Freq. (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	3745.02	22.15	30.00	-7.85	1.55 V	324	81.36	-59.21
2	3840.00	22.42	30.00	-7.58	1.56 V	332	81.33	-58.91
3	3934.98	22.07	30.00	-7.93	1.58 V	324	80.89	-58.82

Remarks:

1. EIRP(dBm/10MHz) = Raw Value(dBuV) + Correction Factor(dB/m).
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value.
4. The other EIRP levels were very low against the limit.

NR Band 77 (3700-3980 MHz), Channel Bandwidth 80MHz

Mode	TX channel 649334, 656000, 662666							
Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Freq. (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	3740.01	21.73	30.00	-8.27	1.04 H	35	80.96	-59.23
2	3840.00	21.96	30.00	-8.04	1.04 H	41	80.87	-58.91
3	3939.99	21.80	30.00	-8.20	1.00 H	36	80.62	-58.82
Antenna Polarity & Test Distance : Vertical at 3m								
No	Freq. (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	3740.01	22.08	30.00	-7.92	1.55 V	323	81.31	-59.23
2	3840.00	22.37	30.00	-7.63	1.55 V	330	81.28	-58.91
3	3939.99	22.12	30.00	-7.88	1.56 V	324	80.94	-58.82

Remarks:

1. EIRP(dBm/10MHz) = Raw Value(dBuV) + Correction Factor(dB/m).
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value.
4. The other EIRP levels were very low against the limit.

NR Band 77 (3700-3980 MHz), Channel Bandwidth 70MHz

Mode	TX channel 649000, 656000, 663000							
Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Freq. (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	3735.00	21.67	30.00	-8.33	1.04 H	34	80.91	-59.24
2	3840.00	21.95	30.00	-8.05	1.03 H	44	80.86	-58.91
3	3945.00	21.81	30.00	-8.19	1.04 H	37	80.62	-58.81
Antenna Polarity & Test Distance : Vertical at 3m								
No	Freq. (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	3735.00	22.12	30.00	-7.88	1.52 V	323	81.36	-59.24
2	3840.00	22.37	30.00	-7.63	1.57 V	322	81.28	-58.91
3	3945.00	22.06	30.00	-7.94	1.57 V	320	80.87	-58.81

Remarks:

1. EIRP(dBm/10MHz) = Raw Value(dBuV) + Correction Factor(dB/m).
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value.
4. The other EIRP levels were very low against the limit.

NR Band 77 (3700-3980 MHz), Channel Bandwidth 60MHz

Mode	TX channel 648668, 656000, 663332							
Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Freq. (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	3730.02	21.59	30.00	-8.41	1.04 H	33	80.85	-59.26
2	3840.00	21.87	30.00	-8.13	1.00 H	40	80.78	-58.91
3	3949.98	21.81	30.00	-8.19	1.02 H	35	80.62	-58.81
Antenna Polarity & Test Distance : Vertical at 3m								
No	Freq. (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	3730.02	22.07	30.00	-7.93	1.51 V	321	81.33	-59.26
2	3840.00	22.37	30.00	-7.63	1.54 V	323	81.28	-58.91
3	3949.98	22.13	30.00	-7.87	1.55 V	326	80.94	-58.81

Remarks:

1. EIRP(dBm/10MHz) = Raw Value(dBuV) + Correction Factor(dB/m).
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value.
4. The other EIRP levels were very low against the limit.

NR Band 77 (3700-3980 MHz), Channel Bandwidth 50MHz

Mode	TX channel 648334, 656000, 663666							
Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Freq. (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	3725.01	21.61	30.00	-8.39	1.04 H	33	80.88	-59.27
2	3840.00	21.98	30.00	-8.02	1.04 H	40	80.89	-58.91
3	3954.99	21.79	30.00	-8.21	1.00 H	36	80.59	-58.80
Antenna Polarity & Test Distance : Vertical at 3m								
No	Freq. (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	3725.01	22.08	30.00	-7.92	1.54 V	322	81.35	-59.27
2	3840.00	22.38	30.00	-7.62	1.58 V	333	81.29	-58.91
3	3954.99	22.17	30.00	-7.83	1.64 V	322	80.97	-58.80

Remarks:

1. EIRP(dBm/10MHz) = Raw Value(dBuV) + Correction Factor(dB/m).
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value.
4. The other EIRP levels were very low against the limit.

NR Band 77 (3700-3980 MHz), Channel Bandwidth 40MHz

Mode	TX channel 648000, 656000, 664000							
Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Freq. (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	3720.00	21.58	30.00	-8.42	1.04 H	35	80.86	-59.28
2	3840.00	21.90	30.00	-8.10	1.09 H	42	80.81	-58.91
3	3960.00	21.76	30.00	-8.24	1.03 H	37	80.54	-58.78
Antenna Polarity & Test Distance : Vertical at 3m								
No	Freq. (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	3720.00	22.05	30.00	-7.95	1.52 V	325	81.33	-59.28
2	3840.00	22.35	30.00	-7.65	1.57 V	332	81.26	-58.91
3	3960.00	22.17	30.00	-7.83	1.57 V	324	80.95	-58.78

Remarks:

1. EIRP(dBm/10MHz) = Raw Value(dBuV) + Correction Factor(dB/m).
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value.
4. The other EIRP levels were very low against the limit.

NR Band 77 (3700-3980 MHz), Channel Bandwidth 30MHz

Mode	TX channel 647668, 656000, 664332							
Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Freq. (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	3715.02	21.56	30.00	-8.44	1.05 H	33	80.85	-59.29
2	3840.00	21.98	30.00	-8.02	1.04 H	38	80.89	-58.91
3	3964.98	21.75	30.00	-8.25	1.05 H	36	80.52	-58.77
Antenna Polarity & Test Distance : Vertical at 3m								
No	Freq. (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	3715.02	21.96	30.00	-8.04	1.55 V	325	81.25	-59.29
2	3840.00	22.37	30.00	-7.63	1.59 V	334	81.28	-58.91
3	3964.98	22.15	30.00	-7.85	1.57 V	324	80.92	-58.77

Remarks:

1. EIRP(dBm/10MHz) = Raw Value(dBuV) + Correction Factor(dB/m).
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value.
4. The other EIRP levels were very low against the limit.

NR Band 77 (3700-3980 MHz), Channel Bandwidth 20MHz

Mode	TX channel 647334, 656000, 664666							
Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Freq. (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	3710.01	21.57	30.00	-8.43	1.04 H	33	80.87	-59.30
2	3840.00	22.00	30.00	-8.00	1.04 H	39	80.91	-58.91
3	3969.99	21.79	30.00	-8.21	1.58 H	36	80.54	-58.75
Antenna Polarity & Test Distance : Vertical at 3m								
No	Freq. (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	3710.01	22.07	30.00	-7.93	1.55 V	324	81.37	-59.30
2	3840.00	22.41	30.00	-7.59	1.59 V	328	81.32	-58.91
3	3969.99	22.25	30.00	-7.75	1.59 V	328	81.00	-58.75

Remarks:

1. EIRP(dBm/10MHz) = Raw Value(dBuV) + Correction Factor(dB/m).
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value.
4. The other EIRP levels were very low against the limit.

NR Band 77 (3700-3980 MHz), Channel Bandwidth 15MHz

Mode	TX channel 647168, 656000, 664832							
Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Freq. (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	3707.52	21.64	30.00	-8.36	1.04 H	33	80.95	-59.31
2	3840.00	21.87	30.00	-8.13	1.04 H	42	80.78	-58.91
3	3972.48	21.78	30.00	-8.22	1.02 H	37	80.53	-58.75
Antenna Polarity & Test Distance : Vertical at 3m								
No	Freq. (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	3707.52	22.05	30.00	-7.95	1.55 V	323	81.36	-59.31
2	3840.00	22.33	30.00	-7.67	1.57 V	326	81.24	-58.91
3	3972.48	22.20	30.00	-7.80	1.55 V	323	80.95	-58.75

Remarks:

1. EIRP(dBm/10MHz) = Raw Value(dBuV) + Correction Factor(dB/m).
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value.
4. The other EIRP levels were very low against the limit.

NR Band 77 (3700-3980 MHz), Channel Bandwidth 10MHz

Mode	TX channel 647000, 656000, 665000							
Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Freq. (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	3705.00	21.60	30.00	-8.40	1.03 H	36	80.92	-59.32
2	3840.00	21.93	30.00	-8.07	1.02 H	43	80.84	-58.91
3	3975.00	21.89	30.00	-8.11	1.00 H	33	80.63	-58.74
Antenna Polarity & Test Distance : Vertical at 3m								
No	Freq. (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	3705.00	22.01	30.00	-7.99	1.55 V	323	81.33	-59.32
2	3840.00	22.34	30.00	-7.66	1.59 V	330	81.25	-58.91
3	3975.00	22.20	30.00	-7.80	1.56 V	323	80.94	-58.74

Remarks:

1. EIRP(dBm/10MHz) = Raw Value(dBuV) + Correction Factor(dB/m).
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value.
4. The other EIRP levels were very low against the limit.

7.2 Radiated Spurious Emissions below 1GHz

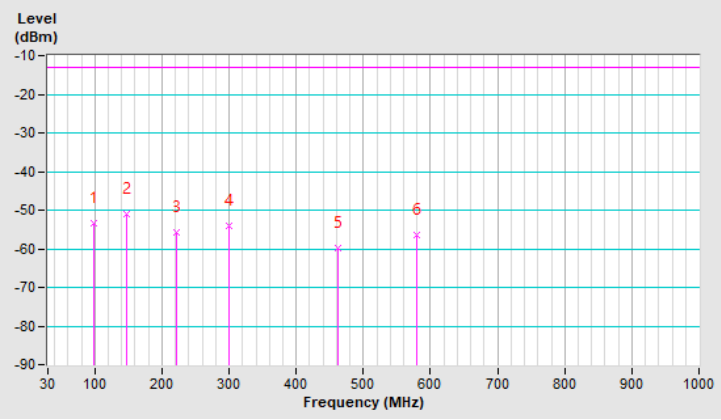
7.2.1 NR n2 SCS 15 kHz

RF Mode	NR n2 Channel Bandwidth: 20MHz	**Channel**	CH 380000：1900 MHz
Frequency Range	30 MHz ~ 1 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	23°C, 66% RH
Tested By	Titan Hsu		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	**Frequency (MHz)**	**EIRP (dBm)**	**Limit (dBm)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	97.48	-53.49	-13.00	-40.49	1.50 H	18	55.51	-109.00
2	148.09	-51.14	-13.00	-38.14	1.50 H	88	52.83	-103.97
3	221.19	-55.84	-13.00	-42.84	1.50 H	265	50.67	-106.51
4	299.91	-54.10	-13.00	-41.10	1.01 H	121	48.53	-102.63
5	462.99	-59.74	-13.00	-46.74	1.50 H	314	40.05	-99.79
6	579.67	-56.38	-13.00	-43.38	1.01 H	5	41.31	-97.69

Remarks:

1. EIRP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit of frequency range 30 MHz ~ 1 GHz.
5. The EIRP levels were very low against the limit of frequency range 9 kHz ~ 30 MHz: the amplitude of spurious emissions attenuated more than 20 dB below the permissible value to be report.

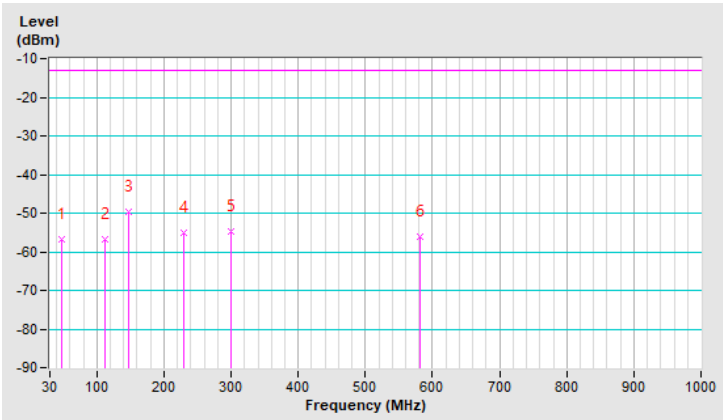


RF Mode	NR n2 Channel Bandwidth: 20MHz	**Channel**	CH 380000：1900 MHz
Frequency Range	30 MHz ~ 1 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	23°C, 66% RH
Tested By	Titan Hsu		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	**Frequency (MHz)**	**EIRP (dBm)**	**Limit (dBm)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	48.28	-56.89	-13.00	-43.89	1.00 V	354	47.24	-104.13
2	111.54	-56.79	-13.00	-43.79	1.00 V	345	50.24	-107.03
3	146.68	-49.83	-13.00	-36.83	1.00 V	35	54.05	-103.88
4	229.62	-55.16	-13.00	-42.16	1.00 V	15	51.11	-106.27
5	299.91	-54.78	-13.00	-41.78	1.49 V	71	47.85	-102.63
6	581.07	-55.97	-13.00	-42.97	1.49 V	130	41.68	-97.65

Remarks:

1. EIRP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit of frequency range 30 MHz ~ 1 GHz.
5. The EIRP levels were very low against the limit of frequency range 9 kHz ~ 30 MHz: the amplitude of spurious emissions attenuated more than 20 dB below the permissible value to be report.



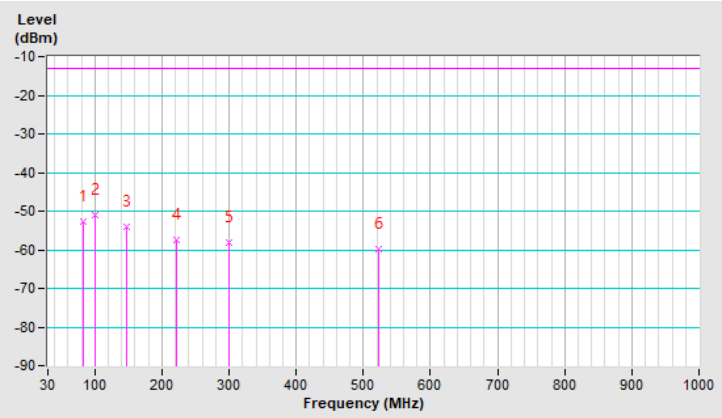
7.2.2 NR n5 SCS 15 kHz

RF Mode	NR n5 Channel Bandwidth: 20MHz	**Channel**	CH 167800：839 MHz
Frequency Range	30 MHz ~ 1 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	23°C, 66% RH
Tested By	Titan Hsu		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	**Frequency (MHz)**	**ERP (dBm)**	**Limit (dBm)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	82.01	-52.63	-13.00	-39.63	1.49 H	17	58.32	-110.95
2	100.29	-51.17	-13.00	-38.17	1.00 H	272	59.47	-110.64
3	146.68	-54.18	-13.00	-41.18	1.00 H	106	51.85	-106.03
4	221.19	-57.39	-13.00	-44.39	1.00 H	268	51.27	-108.66
5	299.91	-57.98	-13.00	-44.98	1.00 H	327	46.80	-104.78
6	522.03	-59.79	-13.00	-46.79	1.00 H	275	41.34	-101.13

Remarks:

1. ERP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8 – 2.15
3. Margin value = ERP – Limit value
4. The other ERP levels were very low against the limit of frequency range 30 MHz ~ 1 GHz.
5. The ERP levels were very low against the limit of frequency range 9 kHz ~ 30 MHz: the amplitude of spurious emissions attenuated more than 20 dB below the permissible value to be report.

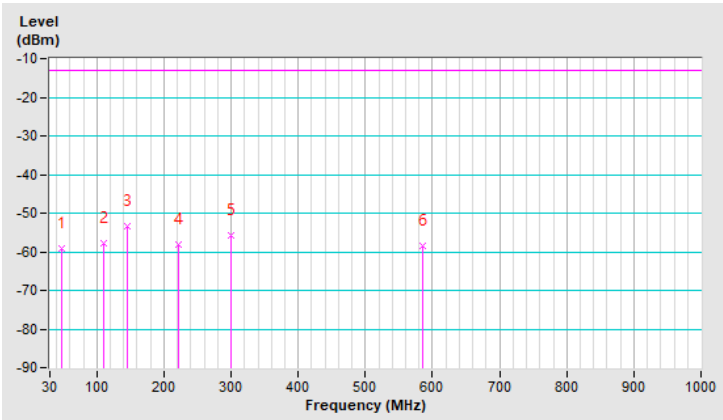


RF Mode	NR n5 Channel Bandwidth: 20MHz	**Channel**	CH 167800：839 MHz
Frequency Range	30 MHz ~ 1 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	23°C, 66% RH
Tested By	Titan Hsu		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	**Frequency (MHz)**	**ERP (dBm)**	**Limit (dBm)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	48.28	-59.03	-13.00	-46.03	1.01 V	40	47.25	-106.28
2	110.13	-57.93	-13.00	-44.93	1.01 V	19	51.40	-109.33
3	145.28	-53.32	-13.00	-40.32	1.01 V	18	52.85	-106.17
4	221.19	-58.07	-13.00	-45.07	1.01 V	5	50.59	-108.66
5	299.91	-55.82	-13.00	-42.82	1.50 V	97	48.96	-104.78
6	585.29	-58.61	-13.00	-45.61	1.50 V	38	41.03	-99.64

Remarks:

1. ERP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8 – 2.15
3. Margin value = ERP – Limit value
4. The other ERP levels were very low against the limit of frequency range 30 MHz ~ 1 GHz.
5. The ERP levels were very low against the limit of frequency range 9 kHz ~ 30 MHz: the amplitude of spurious emissions attenuated more than 20 dB below the permissible value to be report.



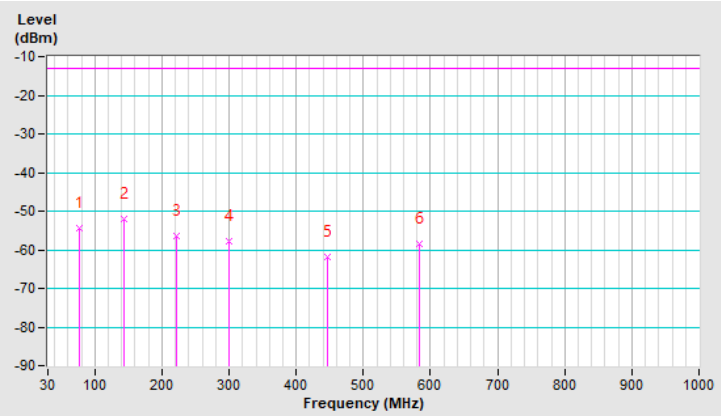
7.2.3 NR n12 SCS 15 kHz

RF Mode	NR n12 Channel Bandwidth: 15MHz	**Channel**	CH 141300：706.5 MHz
Frequency Range	30 MHz ~ 1 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	23°C, 66% RH
Tested By	Titan Hsu		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	**Frequency (MHz)**	**ERP (dBm)**	**Limit (dBm)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	76.39	-54.40	-13.00	-41.40	1.01 H	144	55.10	-109.50
2	142.46	-52.15	-13.00	-39.15	1.50 H	83	54.19	-106.34
3	222.59	-56.30	-13.00	-43.30	1.01 H	262	52.39	-108.69
4	299.91	-57.68	-13.00	-44.68	1.01 H	195	47.10	-104.78
5	446.12	-61.76	-13.00	-48.76	1.50 H	273	40.51	-102.27
6	583.88	-58.53	-13.00	-45.53	1.50 H	152	41.17	-99.70

Remarks:

1. ERP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8 – 2.15
3. Margin value = ERP – Limit value
4. The other ERP levels were very low against the limit of frequency range 30 MHz ~ 1 GHz.
5. The ERP levels were very low against the limit of frequency range 9 kHz ~ 30 MHz: the amplitude of spurious emissions attenuated more than 20 dB below the permissible value to be report.

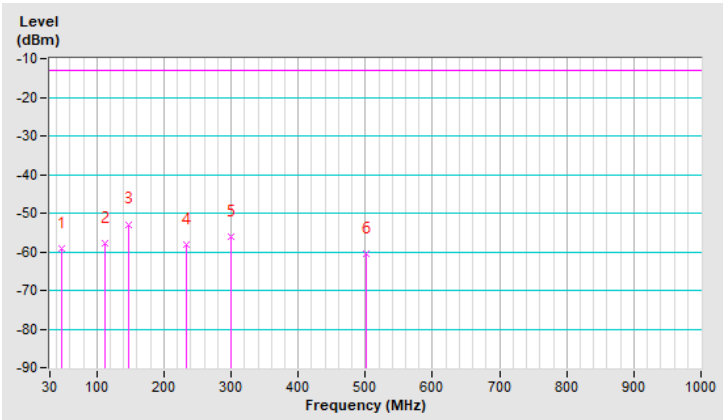


RF Mode	NR n12 Channel Bandwidth: 15MHz	**Channel**	CH 141300：706.5 MHz
Frequency Range	30 MHz ~ 1 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	23°C, 66% RH
Tested By	Titan Hsu		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	**Frequency (MHz)**	**ERP (dBm)**	**Limit (dBm)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	48.28	-59.11	-13.00	-46.11	1.00 V	181	47.17	-106.28
2	112.94	-57.68	-13.00	-44.68	1.00 V	355	51.37	-109.05
3	146.68	-52.88	-13.00	-39.88	1.00 V	17	53.15	-106.03
4	233.84	-58.15	-13.00	-45.15	1.00 V	22	49.61	-107.76
5	299.91	-56.12	-13.00	-43.12	1.49 V	81	48.66	-104.78
6	500.94	-60.43	-13.00	-47.43	1.00 V	294	41.09	-101.52

Remarks:

1. ERP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8 – 2.15
3. Margin value = ERP – Limit value
4. The other ERP levels were very low against the limit of frequency range 30 MHz ~ 1 GHz.
5. The ERP levels were very low against the limit of frequency range 9 kHz ~ 30 MHz: the amplitude of spurious emissions attenuated more than 20 dB below the permissible value to be report.



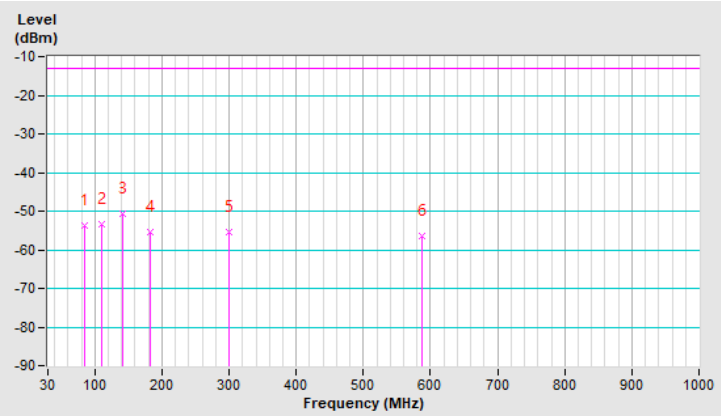
7.2.4 NR n25 SCS 15 kHz

RF Mode	NR n25 Channel Bandwidth: 20MHz	**Channel**	CH 381000：1905 MHz
Frequency Range	30 MHz ~ 1 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	23°C, 66% RH
Tested By	Titan Hsu		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	**Frequency (MHz)**	**EIRP (dBm)**	**Limit (dBm)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	84.83	-53.71	-13.00	-40.71	1.01 H	6	55.65	-109.36
2	110.13	-53.31	-13.00	-40.31	1.01 H	163	53.87	-107.18
3	141.06	-50.80	-13.00	-37.80	1.50 H	87	53.58	-104.38
4	181.83	-55.34	-13.00	-42.34	1.01 H	256	50.08	-105.42
5	299.91	-55.35	-13.00	-42.35	1.01 H	101	47.28	-102.63
6	588.10	-56.54	-13.00	-43.54	1.50 H	231	40.88	-97.42

Remarks:

1. EIRP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit of frequency range 30 MHz ~ 1 GHz.
5. The EIRP levels were very low against the limit of frequency range 9 kHz ~ 30 MHz: the amplitude of spurious emissions attenuated more than 20 dB below the permissible value to be report.

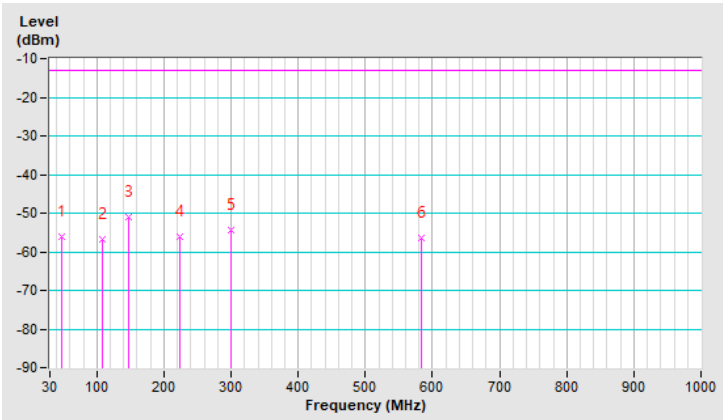


RF Mode	NR n25 Channel Bandwidth: 20MHz	**Channel**	CH 381000：1905 MHz
Frequency Range	30 MHz ~ 1 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	23°C, 66% RH
Tested By	Titan Hsu		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	**Frequency (MHz)**	**EIRP (dBm)**	**Limit (dBm)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	48.28	-56.03	-13.00	-43.03	1.00 V	216	48.10	-104.13
2	108.72	-56.88	-13.00	-43.88	1.00 V	347	50.32	-107.20
3	146.68	-51.00	-13.00	-38.00	1.00 V	327	52.88	-103.88
4	224.00	-56.08	-13.00	-43.08	1.00 V	4	50.49	-106.57
5	299.91	-54.42	-13.00	-41.42	1.49 V	312	48.21	-102.63
6	582.48	-56.33	-13.00	-43.33	1.49 V	51	41.27	-97.60

Remarks:

1. EIRP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit of frequency range 30 MHz ~ 1 GHz.
5. The EIRP levels were very low against the limit of frequency range 9 kHz ~ 30 MHz: the amplitude of spurious emissions attenuated more than 20 dB below the permissible value to be report.



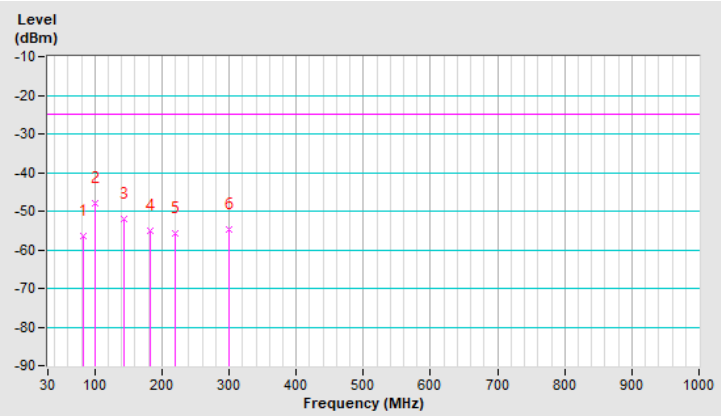
7.2.5 NR n38 SCS 30 kHz

RF Mode	NR n38 Channel Bandwidth: 20MHz	**Channel**	CH 516000：2580 MHz
Frequency Range	30 MHz ~ 1 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	23°C, 66% RH
Tested By	Titan Hsu		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	**Frequency (MHz)**	**EIRP (dBm)**	**Limit (dBm)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	83.42	-56.57	-25.00	-31.57	1.00 H	51	52.52	-109.09
2	**100.29**	**-47.94**	**-25.00**	**-22.94**	**1.00 H**	**318**	**60.55**	**-108.49**
3	143.87	-51.88	-25.00	-26.88	1.00 H	93	52.23	-104.11
4	181.83	-55.10	-25.00	-30.10	1.00 H	243	50.32	-105.42
5	219.78	-55.84	-25.00	-30.84	1.00 H	268	50.63	-106.47
6	299.91	-54.80	-25.00	-29.80	1.00 H	210	47.83	-102.63

Remarks:

1. EIRP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit of frequency range 30 MHz ~ 1 GHz.
5. The EIRP levels were very low against the limit of frequency range 9 kHz ~ 30 MHz: the amplitude of spurious emissions attenuated more than 20 dB below the permissible value to be report.

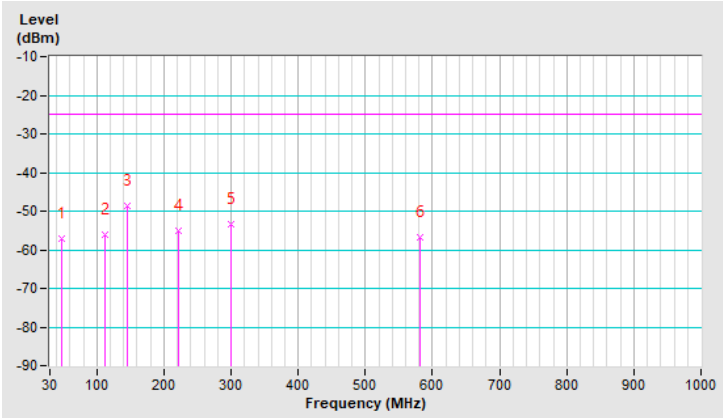


RF Mode	NR n38 Channel Bandwidth: 20MHz	**Channel**	CH 516000：2580 MHz
Frequency Range	30 MHz ~ 1 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	23°C, 66% RH
Tested By	Titan Hsu		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	**Frequency (MHz)**	**EIRP (dBm)**	**Limit (dBm)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	48.28	-57.18	-25.00	-32.18	1.50 V	228	46.95	-104.13
2	111.54	-55.94	-25.00	-30.94	1.01 V	130	51.09	-107.03
3	145.28	-48.59	-25.00	-23.59	1.01 V	43	55.43	-104.02
4	222.59	-54.95	-25.00	-29.95	1.01 V	0	51.59	-106.54
5	299.91	-53.45	-25.00	-28.45	1.50 V	88	49.18	-102.63
6	581.07	-56.68	-25.00	-31.68	1.01 V	267	40.97	-97.65

Remarks:

1. EIRP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit of frequency range 30 MHz ~ 1 GHz.
5. The EIRP levels were very low against the limit of frequency range 9 kHz ~ 30 MHz: the amplitude of spurious emissions attenuated more than 20 dB below the permissible value to be report.



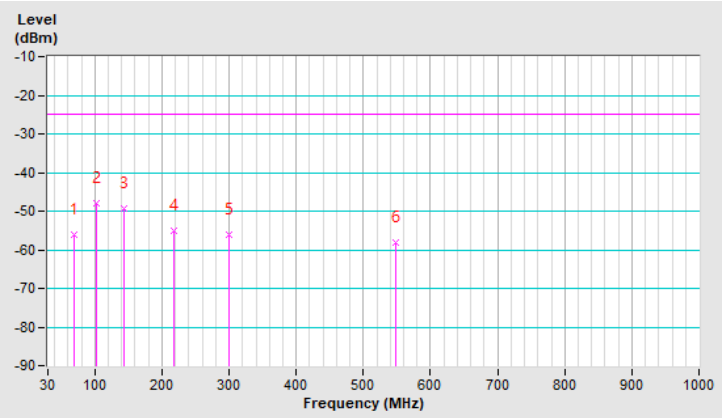
7.2.6 NR n41 SCS 30 kHz

RF Mode	NR n41 Channel Bandwidth: 100MHz	**Channel**	CH 509202：2546.01 MHz
Frequency Range	30 MHz ~ 1 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	23°C, 66% RH
Tested By	Titan Hsu		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	**Frequency (MHz)**	**EIRP (dBm)**	**Limit (dBm)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	69.36	-56.21	-25.00	-31.21	1.50 H	199	49.96	-106.17
2	101.70	-47.97	-25.00	-22.97	1.01 H	327	60.34	-108.31
3	142.46	-49.38	-25.00	-24.38	1.50 H	89	54.81	-104.19
4	218.38	-54.98	-25.00	-29.98	1.01 H	277	51.48	-106.46
5	299.91	-56.06	-25.00	-31.06	1.01 H	102	46.57	-102.63
6	548.74	-58.29	-25.00	-33.29	1.01 H	43	40.30	-98.59

Remarks:

1. EIRP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit of frequency range 30 MHz ~ 1 GHz.
5. The EIRP levels were very low against the limit of frequency range 9 kHz ~ 30 MHz: the amplitude of spurious emissions attenuated more than 20 dB below the permissible value to be report.

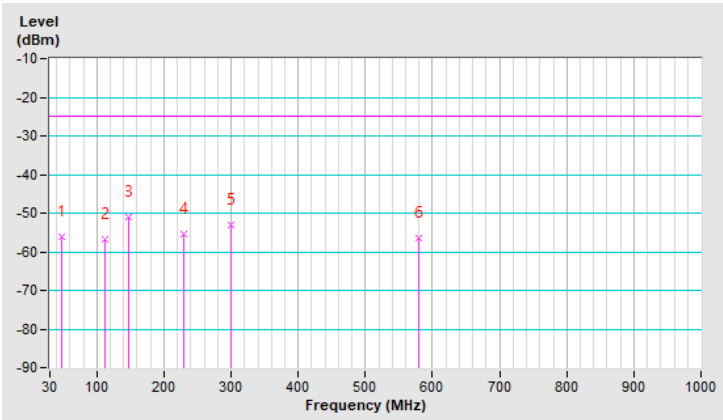


RF Mode	NR n41 Channel Bandwidth: 100MHz	**Channel**	CH 509202：2546.01 MHz
Frequency Range	30 MHz ~ 1 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	23°C, 66% RH
Tested By	Titan Hsu		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	**Frequency (MHz)**	**EIRP (dBm)**	**Limit (dBm)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	48.28	-56.06	-25.00	-31.06	1.00 V	163	48.07	-104.13
2	112.94	-56.64	-25.00	-31.64	1.00 V	286	50.26	-106.90
3	146.68	-51.07	-25.00	-26.07	1.00 V	54	52.81	-103.88
4	229.62	-55.53	-25.00	-30.53	1.00 V	27	50.74	-106.27
5	299.91	-53.19	-25.00	-28.19	1.49 V	68	49.44	-102.63
6	579.67	-56.39	-25.00	-31.39	1.00 V	230	41.30	-97.69

Remarks:

1. EIRP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit of frequency range 30 MHz ~ 1 GHz.
5. The EIRP levels were very low against the limit of frequency range 9 kHz ~ 30 MHz: the amplitude of spurious emissions attenuated more than 20 dB below the permissible value to be report.



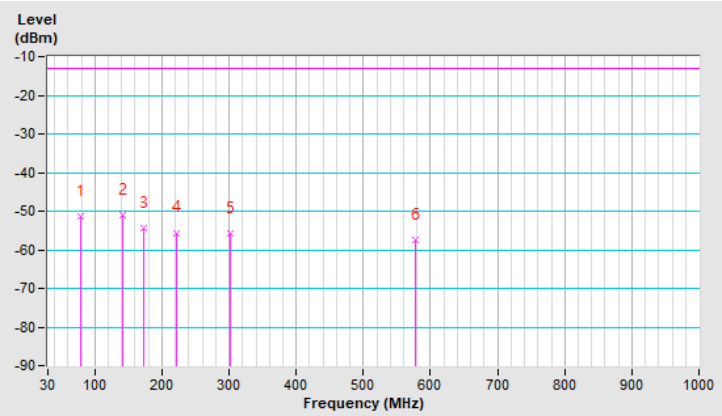
7.2.7 NR n66 SCS 15 kHz

RF Mode	NR n66 Channel Bandwidth: 5MHz	**Channel**	CH 355500：1777.5 MHz
Frequency Range	30 MHz ~ 1 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	23°C, 66% RH
Tested By	Titan Hsu		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	**Frequency (MHz)**	**EIRP (dBm)**	**Limit (dBm)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	79.20	-51.21	-13.00	-38.21	1.01 H	73	56.85	-108.06
2	141.06	-51.02	-13.00	-38.02	1.50 H	78	53.36	-104.38
3	171.99	-54.50	-13.00	-41.50	1.50 H	226	49.87	-104.37
4	222.59	-55.59	-13.00	-42.59	1.01 H	267	50.95	-106.54
5	301.32	-55.93	-13.00	-42.93	1.01 H	197	46.68	-102.61
6	576.86	-57.57	-13.00	-44.57	1.01 H	6	40.23	-97.80

Remarks:

1. EIRP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit of frequency range 30 MHz ~ 1 GHz.
5. The EIRP levels were very low against the limit of frequency range 9 kHz ~ 30 MHz: the amplitude of spurious emissions attenuated more than 20 dB below the permissible value to be report.

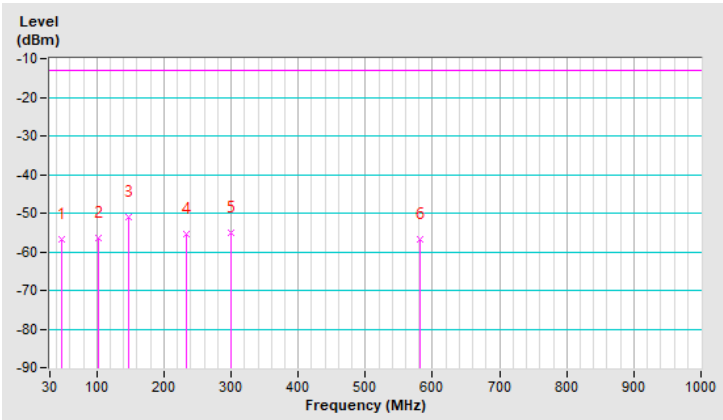


RF Mode	NR n66 Channel Bandwidth: 5MHz	**Channel**	CH 355500：1777.5 MHz
Frequency Range	30 MHz ~ 1 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	23°C, 66% RH
Tested By	Titan Hsu		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	**Frequency (MHz)**	**EIRP (dBm)**	**Limit (dBm)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	48.28	-56.80	-13.00	-43.80	1.00 V	16	47.33	-104.13
2	101.70	-56.37	-13.00	-43.37	1.49 V	241	51.94	-108.31
3	146.68	-50.85	-13.00	-37.85	1.49 V	6	53.03	-103.88
4	232.43	-55.37	-13.00	-42.37	1.00 V	17	50.47	-105.84
5	299.91	-55.08	-13.00	-42.08	1.49 V	6	47.55	-102.63
6	581.07	-56.66	-13.00	-43.66	1.00 V	251	40.99	-97.65

Remarks:

1. EIRP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit of frequency range 30 MHz ~ 1 GHz.
5. The EIRP levels were very low against the limit of frequency range 9 kHz ~ 30 MHz: the amplitude of spurious emissions attenuated more than 20 dB below the permissible value to be report.



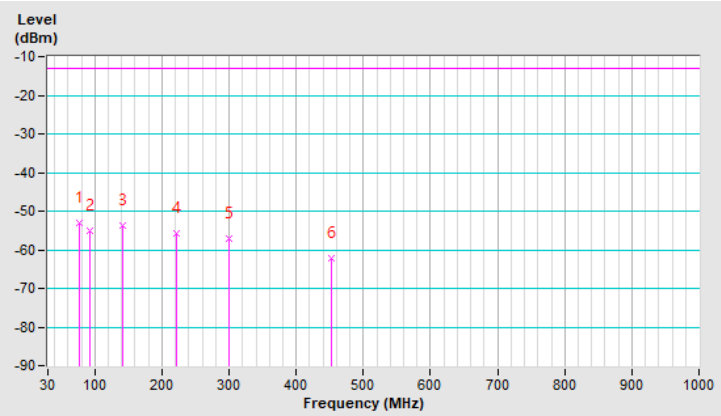
7.2.8 NR n71 SCS 15 kHz

RF Mode	NR n71 Channel Bandwidth: 20MHz	**Channel**	CH 137600：688 MHz
Frequency Range	30 MHz ~ 1 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	23°C, 66% RH
Tested By	Titan Hsu		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	**Frequency (MHz)**	**ERP (dBm)**	**Limit (dBm)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	77.80	-53.01	-13.00	-40.01	1.00 H	187	56.86	-109.87
2	93.26	-55.16	-13.00	-42.16	1.00 H	92	56.49	-111.65
3	141.06	-53.88	-13.00	-40.88	1.49 H	110	52.65	-106.53
4	222.59	-55.74	-13.00	-42.74	1.00 H	255	52.95	-108.69
5	299.91	-57.22	-13.00	-44.22	1.00 H	115	47.56	-104.78
6	451.74	-62.13	-13.00	-49.13	1.49 H	5	40.04	-102.17

Remarks:

1. ERP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8 – 2.15
3. Margin value = ERP – Limit value
4. The other ERP levels were very low against the limit of frequency range 30 MHz ~ 1 GHz.
5. The ERP levels were very low against the limit of frequency range 9 kHz ~ 30 MHz: the amplitude of spurious emissions attenuated more than 20 dB below the permissible value to be report.

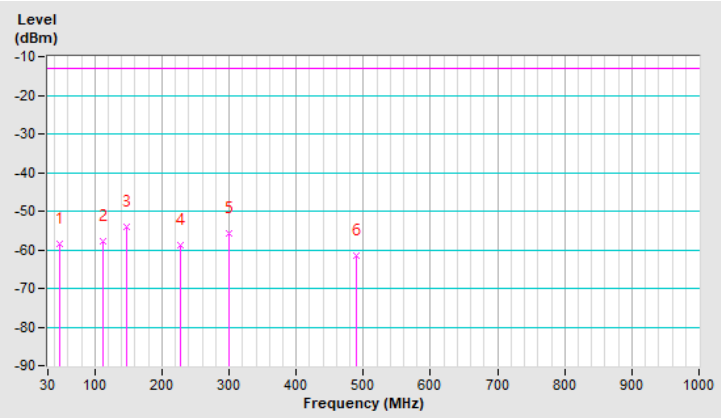


RF Mode	NR n71 Channel Bandwidth: 20MHz	**Channel**	CH 137600：688 MHz
Frequency Range	30 MHz ~ 1 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	23°C, 66% RH
Tested By	Titan Hsu		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	**Frequency (MHz)**	**ERP (dBm)**	**Limit (dBm)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	48.28	-58.33	-13.00	-45.33	1.01 V	6	47.95	-106.28
2	111.54	-57.80	-13.00	-44.80	1.01 V	172	51.38	-109.18
3	148.09	-53.98	-13.00	-40.98	1.01 V	172	52.14	-106.12
4	228.22	-58.76	-13.00	-45.76	1.01 V	10	49.77	-108.53
5	299.91	-55.74	-13.00	-42.74	1.50 V	75	49.04	-104.78
6	489.70	-61.56	-13.00	-48.56	1.50 V	67	40.23	-101.79

Remarks:

1. ERP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8 – 2.15
3. Margin value = ERP – Limit value
4. The other ERP levels were very low against the limit of frequency range 30 MHz ~ 1 GHz.
5. The ERP levels were very low against the limit of frequency range 9 kHz ~ 30 MHz: the amplitude of spurious emissions attenuated more than 20 dB below the permissible value to be report.



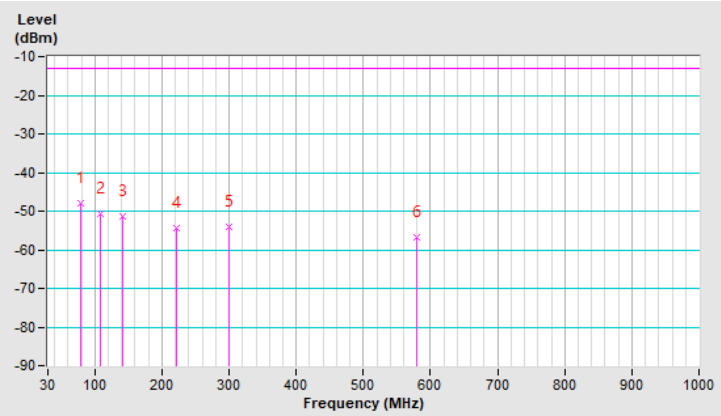
7.2.9 NR n77 (3450-3550 MHz) SCS 30 kHz

RF Mode	NR n77 Channel Bandwidth: 50MHz	**Channel**	CH 635000：3525 MHz
Frequency Range	30 MHz ~ 1 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	23°C, 66% RH
Tested By	Titan Hsu		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	**Frequency (MHz)**	**EIRP (dBm)**	**Limit (dBm)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	79.20	-47.93	-13.00	-34.93	1.00 H	6	60.13	-108.06
2	108.72	-50.70	-13.00	-37.70	1.00 H	25	56.50	-107.20
3	141.06	-51.31	-13.00	-38.31	1.00 H	105	53.07	-104.38
4	222.59	-54.39	-13.00	-41.39	1.00 H	259	52.15	-106.54
5	299.91	-54.16	-13.00	-41.16	1.00 H	110	48.47	-102.63
6	579.67	-56.64	-13.00	-43.64	1.00 H	272	41.05	-97.69

Remarks:

1. EIRP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit of frequency range 30 MHz ~ 1 GHz.
5. The EIRP levels were very low against the limit of frequency range 9 kHz ~ 30 MHz: the amplitude of spurious emissions attenuated more than 20 dB below the permissible value to be report.

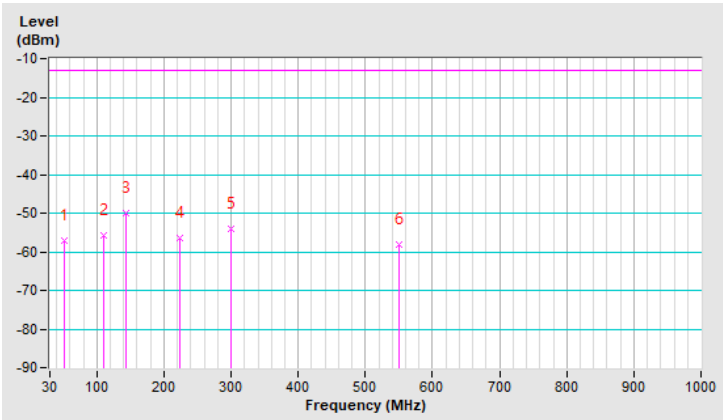


RF Mode	NR n77 Channel Bandwidth: 50MHz	**Channel**	CH 635000：3525 MHz
Frequency Range	30 MHz ~ 1 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	23°C, 66% RH
Tested By	Titan Hsu		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	**Frequency (MHz)**	**EIRP (dBm)**	**Limit (dBm)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	51.09	-57.02	-13.00	-44.02	1.01 V	69	47.16	-104.18
2	110.13	-55.60	-13.00	-42.60	1.01 V	6	51.58	-107.18
3	143.87	-49.97	-13.00	-36.97	1.01 V	43	54.14	-104.11
4	224.00	-56.31	-13.00	-43.31	1.01 V	7	50.26	-106.57
5	299.91	-54.21	-13.00	-41.21	1.50 V	67	48.42	-102.63
6	550.14	-58.23	-13.00	-45.23	1.50 V	78	40.34	-98.57

Remarks:

1. EIRP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit of frequency range 30 MHz ~ 1 GHz.
5. The EIRP levels were very low against the limit of frequency range 9 kHz ~ 30 MHz: the amplitude of spurious emissions attenuated more than 20 dB below the permissible value to be report.



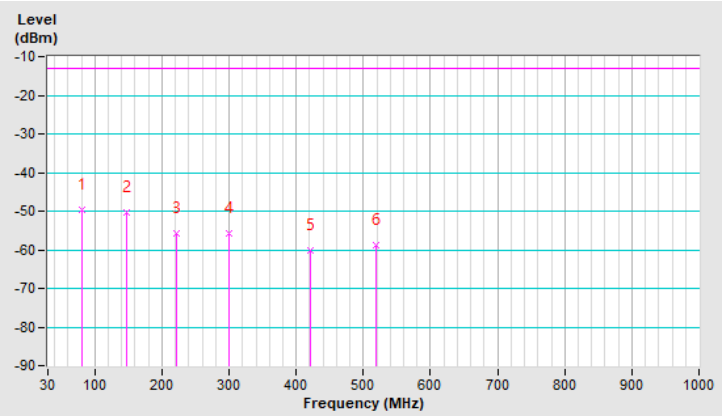
7.2.10 NR n77 (3700-3980 MHz) SCS 30 kHz

RF Mode	NR n77 Channel Bandwidth: 50MHz	**Channel**	CH 663666：3954.99 MHz
Frequency Range	30 MHz ~ 1 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	23°C, 66% RH
Tested By	Titan Hsu		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	**Frequency (MHz)**	**EIRP (dBm)**	**Limit (dBm)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	80.61	-49.67	-13.00	-36.67	1.01 H	38	58.85	-108.52
2	146.68	-50.17	-13.00	-37.17	1.50 H	96	53.71	-103.88
3	221.19	-55.69	-13.00	-42.69	1.01 H	90	50.82	-106.51
4	299.91	-55.79	-13.00	-42.79	1.01 H	119	46.84	-102.63
5	420.81	-60.18	-13.00	-47.18	1.50 H	259	40.51	-100.69
6	519.22	-58.79	-13.00	-45.79	1.01 H	350	40.24	-99.03

Remarks:

1. EIRP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit of frequency range 30 MHz ~ 1 GHz.
5. The EIRP levels were very low against the limit of frequency range 9 kHz ~ 30 MHz: the amplitude of spurious emissions attenuated more than 20 dB below the permissible value to be report.

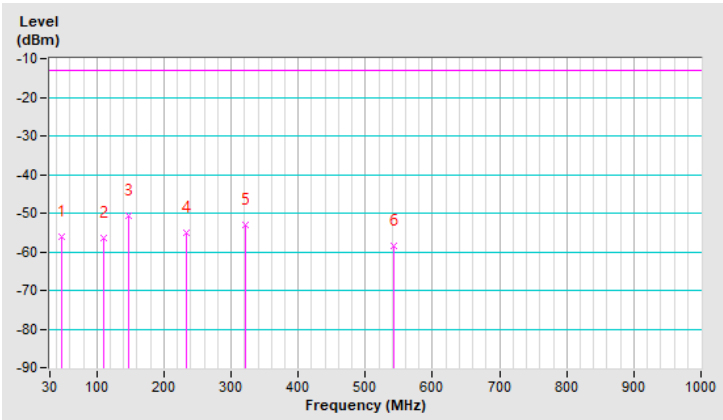


RF Mode	NR n77 Channel Bandwidth: 50MHz	**Channel**	CH 663666：3954.99 MHz
Frequency Range	30 MHz ~ 1 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	23°C, 66% RH
Tested By	Titan Hsu		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	**Frequency (MHz)**	**EIRP (dBm)**	**Limit (dBm)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	46.87	-56.07	-13.00	-43.07	1.00 V	223	48.18	-104.25
2	110.13	-56.45	-13.00	-43.45	1.00 V	9	50.73	-107.18
3	146.68	-50.78	-13.00	-37.78	1.00 V	357	53.10	-103.88
4	233.84	-55.00	-13.00	-42.00	1.00 V	15	50.61	-105.61
5	321.00	-52.92	-13.00	-39.92	1.49 V	5	49.23	-102.15
6	543.12	-58.49	-13.00	-45.49	1.00 V	199	40.20	-98.69

Remarks:

1. EIRP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit of frequency range 30 MHz ~ 1 GHz.
5. The EIRP levels were very low against the limit of frequency range 9 kHz ~ 30 MHz: the amplitude of spurious emissions attenuated more than 20 dB below the permissible value to be report.



7.3 Radiated Spurious Emissions above 1GHz

7.3.1 NR n2 SCS 15 kHz

RF Mode	NR n2 Channel Bandwidth: 5MHz	**Channel**	CH 370500：1852.5 MHz
Frequency Range	1 GHz ~ 20 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	23°C, 67% RH
Tested By	Adair Peng		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	**Frequency (MHz)**	**EIRP (dBm)**	**Limit (dBm)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	3705.00	-48.91	-13.00	-35.91	1.80 H	109	44.15	-93.06
Antenna Polarity & Test Distance : Vertical at 3 m								
No	**Frequency (MHz)**	**EIRP (dBm)**	**Limit (dBm)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	3705.00	-48.31	-13.00	-35.31	3.33 V	5	44.75	-93.06

Remarks:

1. EIRP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit.

RF Mode	NR n2 Channel Bandwidth: 5MHz	**Channel**	CH 376000：1880 MHz
Frequency Range	1 GHz ~ 20 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	23°C, 67% RH
Tested By	Adair Peng		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	**Frequency (MHz)**	**EIRP (dBm)**	**Limit (dBm)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	3760.00	-48.75	-13.00	-35.75	1.87 H	115	44.19	-92.94
Antenna Polarity & Test Distance : Vertical at 3 m								
No	**Frequency (MHz)**	**EIRP (dBm)**	**Limit (dBm)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	3760.00	-48.12	-13.00	-35.12	3.28 V	10	44.82	-92.94

Remarks:

1. EIRP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit.

RF Mode	NR n2 Channel Bandwidth: 5MHz	**Channel**	CH 381500：1907.5 MHz
Frequency Range	1 GHz ~ 20 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	23°C, 67% RH
Tested By	Adair Peng		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	**Frequency (MHz)**	**EIRP (dBm)**	**Limit (dBm)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	3815.00	-48.69	-13.00	-35.69	1.74 H	105	44.08	-92.77
Antenna Polarity & Test Distance : Vertical at 3 m								
No	**Frequency (MHz)**	**EIRP (dBm)**	**Limit (dBm)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	3815.00	-47.98	-13.00	-34.98	3.18 V	7	44.79	-92.77

Remarks:

1. EIRP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit.

RF Mode	NR n2 Channel Bandwidth: 20MHz	**Channel**	CH 372000：1860 MHz
Frequency Range	1 GHz ~ 20 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	23°C, 67% RH
Tested By	Adair Peng		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	**Frequency (MHz)**	**EIRP (dBm)**	**Limit (dBm)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	3720.00	-48.82	-13.00	-35.82	1.86 H	104	44.22	-93.04
Antenna Polarity & Test Distance : Vertical at 3 m								
No	**Frequency (MHz)**	**EIRP (dBm)**	**Limit (dBm)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	3720.00	-48.28	-13.00	-35.28	3.28 V	11	44.76	-93.04

Remarks:

1. EIRP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit.

RF Mode	NR n2 Channel Bandwidth: 20MHz	**Channel**	CH 376000：1880 MHz
Frequency Range	1 GHz ~ 20 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	23°C, 67% RH
Tested By	Adair Peng		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	**Frequency (MHz)**	**EIRP (dBm)**	**Limit (dBm)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	3760.00	-48.73	-13.00	-35.73	1.92 H	115	44.21	-92.94
Antenna Polarity & Test Distance : Vertical at 3 m								
No	**Frequency (MHz)**	**EIRP (dBm)**	**Limit (dBm)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	3760.00	-48.12	-13.00	-35.12	3.23 V	6	44.82	-92.94

Remarks:

1. EIRP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit.

RF Mode	NR n2 Channel Bandwidth: 20MHz	**Channel**	CH 380000：1900 MHz
Frequency Range	1 GHz ~ 20 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	23°C, 67% RH
Tested By	Adair Peng		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	**Frequency (MHz)**	**EIRP (dBm)**	**Limit (dBm)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	3800.00	-48.61	-13.00	-35.61	3.39 H	10	44.12	-92.73
Antenna Polarity & Test Distance : Vertical at 3 m								
No	**Frequency (MHz)**	**EIRP (dBm)**	**Limit (dBm)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	3800.00	-47.82	-13.00	-34.82	3.39 V	10	44.91	-92.73

Remarks:

1. EIRP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit.

7.3.2 NR n5 SCS 15 kHz

RF Mode	NR n5 Channel Bandwidth: 5MHz	**Channel**	CH 165300：826.5 MHz
Frequency Range	1 GHz ~ 18 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	21°C, 76% RH
Tested By	Adair Peng		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	**Frequency (MHz)**	**ERP (dBm)**	**Limit (dBm)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	1653.00	-58.51	-13.00	-45.51	1.44 H	152	43.92	-102.43
Antenna Polarity & Test Distance : Vertical at 3 m								
No	**Frequency (MHz)**	**ERP (dBm)**	**Limit (dBm)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	1653.00	-57.95	-13.00	-44.95	1.32 V	5	44.48	-102.43

Remarks:

1. ERP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8 – 2.15
3. Margin value = ERP – Limit value
4. The other ERP levels were very low against the limit.

RF Mode	NR n5 Channel Bandwidth: 5MHz	**Channel**	CH 167300：836.5 MHz
Frequency Range	1 GHz ~ 18 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	21°C, 76% RH
Tested By	Adair Peng		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	**Frequency (MHz)**	**ERP (dBm)**	**Limit (dBm)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	1673.00	-57.55	-13.00	-44.55	1.46 H	150	44.82	-102.37
Antenna Polarity & Test Distance : Vertical at 3 m								
No	**Frequency (MHz)**	**ERP (dBm)**	**Limit (dBm)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	1673.00	-57.41	-13.00	-44.41	1.31 V	4	44.96	-102.37

Remarks:

1. ERP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8 – 2.15
3. Margin value = ERP – Limit value
4. The other ERP levels were very low against the limit.

RF Mode	NR n5 Channel Bandwidth: 5MHz	**Channel**	CH 169300：846.5 MHz
Frequency Range	1 GHz ~ 18 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	21°C, 76% RH
Tested By	Adair Peng		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	**Frequency (MHz)**	**ERP (dBm)**	**Limit (dBm)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	1693.00	-57.82	-13.00	-44.82	1.48 H	156	44.49	-102.31
Antenna Polarity & Test Distance : Vertical at 3 m								
No	**Frequency (MHz)**	**ERP (dBm)**	**Limit (dBm)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	1693.00	-57.62	-13.00	-44.62	1.27 V	3	44.69	-102.31

Remarks:

1. ERP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8 – 2.15
3. Margin value = ERP – Limit value
4. The other ERP levels were very low against the limit.

RF Mode	NR n5 Channel Bandwidth: 20MHz	**Channel**	CH 166800：834 MHz
Frequency Range	1 GHz ~ 18 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	21°C, 76% RH
Tested By	Adair Peng		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	**Frequency (MHz)**	**ERP (dBm)**	**Limit (dBm)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	1668.00	-57.40	-13.00	-44.40	1.41 H	151	44.98	-102.38
Antenna Polarity & Test Distance : Vertical at 3 m								
No	**Frequency (MHz)**	**ERP (dBm)**	**Limit (dBm)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	1668.00	-57.17	-13.00	-44.17	1.28 V	6	45.21	-102.38

Remarks:

1. ERP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8 – 2.15
3. Margin value = ERP – Limit value
4. The other ERP levels were very low against the limit.

RF Mode	NR n5 Channel Bandwidth: 20MHz	**Channel**	CH 167300：836.5 MHz
Frequency Range	1 GHz ~ 18 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	21°C, 76% RH
Tested By	Adair Peng		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	**Frequency (MHz)**	**ERP (dBm)**	**Limit (dBm)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	1673.00	-58.22	-13.00	-45.22	1.41 H	153	44.15	-102.37
Antenna Polarity & Test Distance : Vertical at 3 m								
No	**Frequency (MHz)**	**ERP (dBm)**	**Limit (dBm)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	1673.00	-57.94	-13.00	-44.94	1.32 V	2	44.43	-102.37

Remarks:

1. ERP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8 – 2.15
3. Margin value = ERP – Limit value
4. The other ERP levels were very low against the limit.

RF Mode	NR n5 Channel Bandwidth: 20MHz	**Channel**	CH 167800：839 MHz
Frequency Range	1 GHz ~ 18 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	21°C, 76% RH
Tested By	Adair Peng		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	**Frequency (MHz)**	**ERP (dBm)**	**Limit (dBm)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	1678.00	-57.66	-13.00	-44.66	1.50 H	152	44.69	-102.35
Antenna Polarity & Test Distance : Vertical at 3 m								
No	**Frequency (MHz)**	**ERP (dBm)**	**Limit (dBm)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	1678.00	-57.03	-13.00	-44.03	1.36 V	2	45.32	-102.35

Remarks:

1. ERP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8 – 2.15
3. Margin value = ERP – Limit value
4. The other ERP levels were very low against the limit.

7.3.3 NR n12 SCS 15 kHz

RF Mode	NR n12 Channel Bandwidth: 5MHz	**Channel**	CH 140300：701.5 MHz
Frequency Range	1 GHz ~ 18 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	21°C, 76% RH
Tested By	Adair Peng		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	**Frequency (MHz)**	**ERP (dBm)**	**Limit (dBm)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	1403.00	-57.06	-13.00	-44.06	3.43 H	340	44.96	-102.02
Antenna Polarity & Test Distance : Vertical at 3 m								
No	**Frequency (MHz)**	**ERP (dBm)**	**Limit (dBm)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	1403.00	-56.75	-13.00	-43.75	1.95 V	99	45.27	-102.02

Remarks:

1. ERP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8 – 2.15
3. Margin value = ERP – Limit value
4. The other ERP levels were very low against the limit.

RF Mode	NR n12 Channel Bandwidth: 5MHz	**Channel**	CH 141500：707.5 MHz
Frequency Range	1 GHz ~ 18 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	21°C, 76% RH
Tested By	Adair Peng		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	**Frequency (MHz)**	**ERP (dBm)**	**Limit (dBm)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	1415.00	-57.81	-13.00	-44.81	3.40 H	336	44.21	-102.02
Antenna Polarity & Test Distance : Vertical at 3 m								
No	**Frequency (MHz)**	**ERP (dBm)**	**Limit (dBm)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	1415.00	-56.65	-13.00	-43.65	2.01 V	97	45.37	-102.02

Remarks:

1. ERP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8 – 2.15
3. Margin value = ERP – Limit value
4. The other ERP levels were very low against the limit.

RF Mode	NR n12 Channel Bandwidth: 5MHz	**Channel**	CH 142700：713.5 MHz
Frequency Range	1 GHz ~ 18 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	21°C, 76% RH
Tested By	Adair Peng		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	**Frequency (MHz)**	**ERP (dBm)**	**Limit (dBm)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	1427.00	-57.16	-13.00	-44.16	3.45 H	340	44.88	-102.04
Antenna Polarity & Test Distance : Vertical at 3 m								
No	**Frequency (MHz)**	**ERP (dBm)**	**Limit (dBm)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	1427.00	-56.82	-13.00	-43.82	1.98 V	95	45.22	-102.04

Remarks:

1. ERP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8 – 2.15
3. Margin value = ERP – Limit value
4. The other ERP levels were very low against the limit.

RF Mode	NR n12 Channel Bandwidth: 15MHz	**Channel**	CH 141300：706.5 MHz
Frequency Range	1 GHz ~ 18 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	21°C, 76% RH
Tested By	Adair Peng		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	**Frequency (MHz)**	**ERP (dBm)**	**Limit (dBm)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	1413.00	-56.42	-13.00	-43.42	3.36 H	340	45.61	-102.03
Antenna Polarity & Test Distance : Vertical at 3 m								
No	**Frequency (MHz)**	**ERP (dBm)**	**Limit (dBm)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	1413.00	-56.07	-13.00	-43.07	2.00 V	100	45.96	-102.03

Remarks:

1. ERP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8 – 2.15
3. Margin value = ERP – Limit value
4. The other ERP levels were very low against the limit.

RF Mode	NR n12 Channel Bandwidth: 15MHz	**Channel**	CH 141500：707.5 MHz
Frequency Range	1 GHz ~ 18 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	21°C, 76% RH
Tested By	Adair Peng		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	**Frequency (MHz)**	**ERP (dBm)**	**Limit (dBm)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	1415.00	-56.59	-13.00	-43.59	3.45 H	339	45.43	-102.02
Antenna Polarity & Test Distance : Vertical at 3 m								
No	**Frequency (MHz)**	**ERP (dBm)**	**Limit (dBm)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	1415.00	-56.24	-13.00	-43.24	1.96 V	98	45.78	-102.02

Remarks:

1. ERP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8 – 2.15
3. Margin value = ERP – Limit value
4. The other ERP levels were very low against the limit.

RF Mode	NR n12 Channel Bandwidth: 15MHz	**Channel**	CH 141700：708.5 MHz
Frequency Range	1 GHz ~ 18 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	21°C, 76% RH
Tested By	Adair Peng		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	**Frequency (MHz)**	**ERP (dBm)**	**Limit (dBm)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	1417.00	-56.54	-13.00	-43.54	3.40 H	337	45.49	-102.03
Antenna Polarity & Test Distance : Vertical at 3 m								
No	**Frequency (MHz)**	**ERP (dBm)**	**Limit (dBm)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	1417.00	-56.07	-13.00	-43.07	1.94 V	93	45.96	-102.03

Remarks:

1. ERP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8 – 2.15
3. Margin value = ERP – Limit value
4. The other ERP levels were very low against the limit.

7.3.4 NR n25 SCS 15 kHz

RF Mode	NR n25 Channel Bandwidth: 5MHz	**Channel**	CH 370500：1852.5 MHz
Frequency Range	1 GHz ~ 20 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	21°C, 76% RH
Tested By	Rex Wang		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	**Frequency (MHz)**	**EIRP (dBm)**	**Limit (dBm)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	3705.00	-49.51	-13.00	-36.51	2.27 H	29	43.55	-93.06
Antenna Polarity & Test Distance : Vertical at 3 m								
No	**Frequency (MHz)**	**EIRP (dBm)**	**Limit (dBm)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	3705.00	-49.28	-13.00	-36.28	1.58 V	144	43.78	-93.06

Remarks:

1. EIRP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit.

RF Mode	NR n25 Channel Bandwidth: 5MHz	**Channel**	CH 376500：1882.5 MHz
Frequency Range	1 GHz ~ 20 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	21°C, 76% RH
Tested By	Rex Wang		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	**Frequency (MHz)**	**EIRP (dBm)**	**Limit (dBm)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	3765.00	-49.33	-13.00	-36.33	2.24 H	34	43.58	-92.91
Antenna Polarity & Test Distance : Vertical at 3 m								
No	**Frequency (MHz)**	**EIRP (dBm)**	**Limit (dBm)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	3765.00	-49.09	-13.00	-36.09	1.55 V	143	43.82	-92.91

Remarks:

1. EIRP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit.

RF Mode	NR n25 Channel Bandwidth: 5MHz	**Channel**	CH 382500：1912.5 MHz
Frequency Range	1 GHz ~ 20 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	21°C, 76% RH
Tested By	Rex Wang		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	**Frequency (MHz)**	**EIRP (dBm)**	**Limit (dBm)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	3825.00	-49.32	-13.00	-36.32	2.28 H	36	43.47	-92.79
Antenna Polarity & Test Distance : Vertical at 3 m								
No	**Frequency (MHz)**	**EIRP (dBm)**	**Limit (dBm)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	3825.00	-49.00	-13.00	-36.00	1.53 V	149	43.79	-92.79

Remarks:

1. EIRP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit.

RF Mode	NR n25 Channel Bandwidth: 20MHz	**Channel**	CH 372000：1860 MHz
Frequency Range	1 GHz ~ 20 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	21°C, 76% RH
Tested By	Rex Wang		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	**Frequency (MHz)**	**EIRP (dBm)**	**Limit (dBm)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	3720.00	-49.48	-13.00	-36.48	2.26 H	30	43.56	-93.04
Antenna Polarity & Test Distance : Vertical at 3 m								
No	**Frequency (MHz)**	**EIRP (dBm)**	**Limit (dBm)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	3720.00	-49.21	-13.00	-36.21	1.50 V	146	43.83	-93.04

Remarks:

1. EIRP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit.

RF Mode	NR n25 Channel Bandwidth: 20MHz	**Channel**	CH 376500：1882.5 MHz
Frequency Range	1 GHz ~ 20 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	21°C, 76% RH
Tested By	Rex Wang		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	**Frequency (MHz)**	**EIRP (dBm)**	**Limit (dBm)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	3765.00	-49.34	-13.00	-36.34	2.27 H	32	43.57	-92.91
Antenna Polarity & Test Distance : Vertical at 3 m								
No	**Frequency (MHz)**	**EIRP (dBm)**	**Limit (dBm)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	3765.00	-49.03	-13.00	-36.03	1.49 V	144	43.88	-92.91

Remarks:

1. EIRP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit.

RF Mode	NR n25 Channel Bandwidth: 20MHz	**Channel**	CH 381000：1905 MHz
Frequency Range	1 GHz ~ 20 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	21°C, 76% RH
Tested By	Rex Wang		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	**Frequency (MHz)**	**EIRP (dBm)**	**Limit (dBm)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	3810.00	-49.18	-13.00	-36.18	2.29 H	33	43.58	-92.76
Antenna Polarity & Test Distance : Vertical at 3 m								
No	**Frequency (MHz)**	**EIRP (dBm)**	**Limit (dBm)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	3810.00	-48.92	-13.00	-35.92	1.52 V	145	43.84	-92.76

Remarks:

1. EIRP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit.

RF Mode	NR n25 Channel Bandwidth: 40MHz	**Channel**	CH 374000：1870 MHz
Frequency Range	1 GHz ~ 20 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	21°C, 76% RH
Tested By	Rex Wang		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	**Frequency (MHz)**	**EIRP (dBm)**	**Limit (dBm)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	3740.00	-49.36	-13.00	-36.36	2.30 H	34	43.64	-93.00
Antenna Polarity & Test Distance : Vertical at 3 m								
No	**Frequency (MHz)**	**EIRP (dBm)**	**Limit (dBm)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	3740.00	-49.17	-13.00	-36.17	1.55 V	143	43.83	-93.00

Remarks:

1. EIRP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit.

RF Mode	NR n25 Channel Bandwidth: 40MHz	**Channel**	CH 376500：1882.5 MHz
Frequency Range	1 GHz ~ 20 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	21°C, 76% RH
Tested By	Rex Wang		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	**Frequency (MHz)**	**EIRP (dBm)**	**Limit (dBm)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	3765.00	-49.37	-13.00	-36.37	2.21 H	35	43.54	-92.91
Antenna Polarity & Test Distance : Vertical at 3 m								
No	**Frequency (MHz)**	**EIRP (dBm)**	**Limit (dBm)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	3765.00	-49.03	-13.00	-36.03	1.58 V	145	43.88	-92.91

Remarks:

1. EIRP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit.

RF Mode	NR n25 Channel Bandwidth: 40MHz	**Channel**	CH 379000：1895 MHz
Frequency Range	1 GHz ~ 20 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	21°C, 76% RH
Tested By	Rex Wang		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	**Frequency (MHz)**	**EIRP (dBm)**	**Limit (dBm)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	3790.00	-49.26	-13.00	-36.26	2.23 H	32	43.52	-92.78
Antenna Polarity & Test Distance : Vertical at 3 m								
No	**Frequency (MHz)**	**EIRP (dBm)**	**Limit (dBm)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	3790.00	-49.02	-13.00	-36.02	1.54 V	146	43.76	-92.78

Remarks:

1. EIRP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit.

7.3.5 NR n38 SCS 30 kHz

RF Mode	NR n38 Channel Bandwidth: 10MHz	**Channel**	CH 515000：2575 MHz
Frequency Range	1 GHz ~ 27 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	23°C, 67% RH
Tested By	Adair Peng		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	**Frequency (MHz)**	**EIRP (dBm)**	**Limit (dBm)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	5150.00	-26.50	-25.00	-1.50	1.38 H	278	63.41	-89.91
Antenna Polarity & Test Distance : Vertical at 3 m								
No	**Frequency (MHz)**	**EIRP (dBm)**	**Limit (dBm)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	5150.00	-28.80	-25.00	-3.80	1.12 V	232	61.11	-89.91

Remarks:

1. EIRP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit.

RF Mode	NR n38 Channel Bandwidth: 10MHz	**Channel**	CH 519000：2595 MHz
Frequency Range	1 GHz ~ 27 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	23°C, 67% RH
Tested By	Adair Peng		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	**Frequency (MHz)**	**EIRP (dBm)**	**Limit (dBm)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	5190.00	-26.66	-25.00	-1.66	1.41 H	282	63.42	-90.08
Antenna Polarity & Test Distance : Vertical at 3 m								
No	**Frequency (MHz)**	**EIRP (dBm)**	**Limit (dBm)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	5190.00	-28.85	-25.00	-3.85	1.18 V	236	61.23	-90.08

Remarks:

1. EIRP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit.

RF Mode	NR n38 Channel Bandwidth: 10MHz	**Channel**	CH 523000：2615 MHz
Frequency Range	1 GHz ~ 27 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	23°C, 67% RH
Tested By	Adair Peng		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	**Frequency (MHz)**	**EIRP (dBm)**	**Limit (dBm)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	5230.00	-26.85	-25.00	-1.85	1.37 H	275	63.38	-90.23
Antenna Polarity & Test Distance : Vertical at 3 m								
No	**Frequency (MHz)**	**EIRP (dBm)**	**Limit (dBm)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	5230.00	-29.05	-25.00	-4.05	1.20 V	239	61.18	-90.23

Remarks:

1. EIRP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit.

RF Mode	NR n38 Channel Bandwidth: 20MHz	**Channel**	CH 516000：2580 MHz
Frequency Range	1 GHz ~ 27 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	23°C, 67% RH
Tested By	Adair Peng		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	**Frequency (MHz)**	**EIRP (dBm)**	**Limit (dBm)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	**5160.00**	**-26.43**	**-25.00**	**-1.43**	**1.34 H**	**277**	**63.52**	**-89.95**
Antenna Polarity & Test Distance : Vertical at 3 m								
No	**Frequency (MHz)**	**EIRP (dBm)**	**Limit (dBm)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	5160.00	-28.80	-25.00	-3.80	1.17 V	239	61.15	-89.95

Remarks:

1. EIRP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit.

RF Mode	NR n38 Channel Bandwidth: 20MHz	**Channel**	CH 519000：2595 MHz
Frequency Range	1 GHz ~ 27 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	23°C, 67% RH
Tested By	Adair Peng		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	**Frequency (MHz)**	**EIRP (dBm)**	**Limit (dBm)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	5190.00	-26.56	-25.00	-1.56	1.33 H	281	63.52	-90.08
Antenna Polarity & Test Distance : Vertical at 3 m								
No	**Frequency (MHz)**	**EIRP (dBm)**	**Limit (dBm)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	5190.00	-28.89	-25.00	-3.89	1.10 V	234	61.19	-90.08

Remarks:

1. EIRP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit.

RF Mode	NR n38 Channel Bandwidth: 20MHz	**Channel**	CH 522000：2610 MHz
Frequency Range	1 GHz ~ 27 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	23°C, 67% RH
Tested By	Adair Peng		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	**Frequency (MHz)**	**EIRP (dBm)**	**Limit (dBm)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	5220.00	-26.70	-25.00	-1.70	1.31 H	274	63.49	-90.19
Antenna Polarity & Test Distance : Vertical at 3 m								
No	**Frequency (MHz)**	**EIRP (dBm)**	**Limit (dBm)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	5220.00	-28.97	-25.00	-3.97	1.17 V	231	61.22	-90.19

Remarks:

1. EIRP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit.

RF Mode	NR n38 Channel Bandwidth: 40MHz	**Channel**	CH 518000：2590 MHz
Frequency Range	1 GHz ~ 27 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	23°C, 67% RH
Tested By	Adair Peng		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	**Frequency (MHz)**	**EIRP (dBm)**	**Limit (dBm)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	5180.00	-26.62	-25.00	-1.62	1.42 H	283	63.43	-90.05
Antenna Polarity & Test Distance : Vertical at 3 m								
No	**Frequency (MHz)**	**EIRP (dBm)**	**Limit (dBm)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	5180.00	-28.84	-25.00	-3.84	1.15 V	238	61.21	-90.05

Remarks:

1. EIRP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit.

RF Mode	NR n38 Channel Bandwidth: 40MHz	**Channel**	CH 519000：2595 MHz
Frequency Range	1 GHz ~ 27 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	23°C, 67% RH
Tested By	Adair Peng		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	**Frequency (MHz)**	**EIRP (dBm)**	**Limit (dBm)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	5190.00	-26.62	-25.00	-1.62	1.39 H	280	63.46	-90.08
Antenna Polarity & Test Distance : Vertical at 3 m								
No	**Frequency (MHz)**	**EIRP (dBm)**	**Limit (dBm)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	5190.00	-28.83	-25.00	-3.83	1.21 V	238	61.25	-90.08

Remarks:

1. EIRP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit.

RF Mode	NR n38 Channel Bandwidth: 40MHz	**Channel**	CH 520000：2600 MHz
Frequency Range	1 GHz ~ 27 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	23°C, 67% RH
Tested By	Adair Peng		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	**Frequency (MHz)**	**EIRP (dBm)**	**Limit (dBm)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	5200.00	-26.64	-25.00	-1.64	1.34 H	276	63.49	-90.13
Antenna Polarity & Test Distance : Vertical at 3 m								
No	**Frequency (MHz)**	**EIRP (dBm)**	**Limit (dBm)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	5200.00	-28.86	-25.00	-3.86	1.18 V	239	61.27	-90.13

Remarks:

1. EIRP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit.

7.3.6 NR n41 SCS 30 kHz

RF Mode	NR n41 Channel Bandwidth: 20MHz	**Channel**	CH 501204：2506.02 MHz
Frequency Range	1 GHz ~ 27 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	21°C, 76% RH
Tested By	Rex Wang		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	**Frequency (MHz)**	**EIRP (dBm)**	**Limit (dBm)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	5012.04	-47.61	-25.00	-22.61	1.74 H	225	42.67	-90.28
Antenna Polarity & Test Distance : Vertical at 3 m								
No	**Frequency (MHz)**	**EIRP (dBm)**	**Limit (dBm)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	5012.04	-47.04	-25.00	-22.04	1.67 V	155	43.24	-90.28

Remarks:

1. EIRP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit.

RF Mode	NR n41 Channel Bandwidth: 20MHz	**Channel**	CH 518598：2592.99 MHz
Frequency Range	1 GHz ~ 27 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	21°C, 76% RH
Tested By	Rex Wang		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	**Frequency (MHz)**	**EIRP (dBm)**	**Limit (dBm)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	5185.98	-47.44	-25.00	-22.44	1.77 H	223	42.64	-90.08
Antenna Polarity & Test Distance : Vertical at 3 m								
No	**Frequency (MHz)**	**EIRP (dBm)**	**Limit (dBm)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	5185.98	-46.83	-25.00	-21.83	1.55 V	150	43.25	-90.08

Remarks:

1. EIRP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit.

RF Mode	NR n41 Channel Bandwidth: 20MHz	**Channel**	CH 535998：2679.99 MHz
Frequency Range	1 GHz ~ 27 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	21°C, 76% RH
Tested By	Rex Wang		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	**Frequency (MHz)**	**EIRP (dBm)**	**Limit (dBm)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	5359.98	-47.46	-25.00	-22.46	1.73 H	224	42.58	-90.04
Antenna Polarity & Test Distance : Vertical at 3 m								
No	**Frequency (MHz)**	**EIRP (dBm)**	**Limit (dBm)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	5359.98	-46.80	-25.00	-21.80	1.64 V	153	43.24	-90.04

Remarks:

1. EIRP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit.

RF Mode	NR n41 Channel Bandwidth: 50MHz	**Channel**	CH 504204：2521.02 MHz
Frequency Range	1 GHz ~ 27 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	21°C, 76% RH
Tested By	Rex Wang		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	**Frequency (MHz)**	**EIRP (dBm)**	**Limit (dBm)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	5042.04	-47.40	-25.00	-22.40	1.70 H	216	42.75	-90.15
Antenna Polarity & Test Distance : Vertical at 3 m								
No	**Frequency (MHz)**	**EIRP (dBm)**	**Limit (dBm)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	5042.04	-46.90	-25.00	-21.90	1.57 V	152	43.25	-90.15

Remarks:

1. EIRP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit.

RF Mode	NR n41 Channel Bandwidth: 50MHz	**Channel**	CH 518598：2592.99 MHz
Frequency Range	1 GHz ~ 27 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	21°C, 76% RH
Tested By	Rex Wang		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	**Frequency (MHz)**	**EIRP (dBm)**	**Limit (dBm)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	5185.98	-47.36	-25.00	-22.36	1.65 H	224	42.72	-90.08
Antenna Polarity & Test Distance : Vertical at 3 m								
No	**Frequency (MHz)**	**EIRP (dBm)**	**Limit (dBm)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	5185.98	-46.76	-25.00	-21.76	1.56 V	148	43.32	-90.08

Remarks:

1. EIRP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit.

RF Mode	NR n41 Channel Bandwidth: 50MHz	**Channel**	CH 532998：2664.99 MHz
Frequency Range	1 GHz ~ 27 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	21°C, 76% RH
Tested By	Rex Wang		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	**Frequency (MHz)**	**EIRP (dBm)**	**Limit (dBm)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	5329.98	-47.54	-25.00	-22.54	1.75 H	223	42.62	-90.16
Antenna Polarity & Test Distance : Vertical at 3 m								
No	**Frequency (MHz)**	**EIRP (dBm)**	**Limit (dBm)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	5329.98	-46.81	-25.00	-21.81	1.68 V	150	43.35	-90.16

Remarks:

1. EIRP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit.

RF Mode	NR n41 Channel Bandwidth: 100MHz	**Channel**	CH 509202：2546.01 MHz
Frequency Range	1 GHz ~ 27 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	21°C, 76% RH
Tested By	Rex Wang		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	**Frequency (MHz)**	**EIRP (dBm)**	**Limit (dBm)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	5092.02	-47.04	-25.00	-22.04	1.69 H	227	42.72	-89.76
Antenna Polarity & Test Distance : Vertical at 3 m								
No	**Frequency (MHz)**	**EIRP (dBm)**	**Limit (dBm)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	5092.02	-46.54	-25.00	-21.54	1.54 V	156	43.22	-89.76

Remarks:

1. EIRP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit.

RF Mode	NR n41 Channel Bandwidth: 100MHz	**Channel**	CH 518598：2592.99 MHz
Frequency Range	1 GHz ~ 27 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	21°C, 76% RH
Tested By	Rex Wang		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	**Frequency (MHz)**	**EIRP (dBm)**	**Limit (dBm)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	5185.98	-47.46	-25.00	-22.46	1.77 H	221	42.62	-90.08
Antenna Polarity & Test Distance : Vertical at 3 m								
No	**Frequency (MHz)**	**EIRP (dBm)**	**Limit (dBm)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	5185.98	-46.96	-25.00	-21.96	1.45 V	156	43.12	-90.08

Remarks:

1. EIRP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit.

RF Mode	NR n41 Channel Bandwidth: 100MHz	**Channel**	CH 528000：2640 MHz
Frequency Range	1 GHz ~ 27 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	21°C, 76% RH
Tested By	Rex Wang		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	**Frequency (MHz)**	**EIRP (dBm)**	**Limit (dBm)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	5280.00	-47.66	-25.00	-22.66	1.74 H	228	42.65	-90.31
Antenna Polarity & Test Distance : Vertical at 3 m								
No	**Frequency (MHz)**	**EIRP (dBm)**	**Limit (dBm)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	5280.00	-47.03	-25.00	-22.03	1.49 V	153	43.28	-90.31

Remarks:

1. EIRP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit.

7.3.7 NR n66 SCS 15 kHz

RF Mode	NR n66 Channel Bandwidth: 5MHz	**Channel**	CH 342500：1712.5 MHz
Frequency Range	1 GHz ~ 18 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	21°C, 76% RH
Tested By	Rex Wang		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	**Frequency (MHz)**	**EIRP (dBm)**	**Limit (dBm)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	3425.00	-49.74	-13.00	-36.74	2.70 H	336	44.56	-94.30
Antenna Polarity & Test Distance : Vertical at 3 m								
No	**Frequency (MHz)**	**EIRP (dBm)**	**Limit (dBm)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	3425.00	-48.96	-13.00	-35.96	1.81 V	70	45.34	-94.30

Remarks:

1. EIRP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit.

RF Mode	NR n66 Channel Bandwidth: 5MHz	**Channel**	CH 349000：1745 MHz
Frequency Range	1 GHz ~ 18 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	21°C, 76% RH
Tested By	Rex Wang		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	**Frequency (MHz)**	**EIRP (dBm)**	**Limit (dBm)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	3490.00	-49.08	-13.00	-36.08	2.67 H	342	44.45	-93.53
Antenna Polarity & Test Distance : Vertical at 3 m								
No	**Frequency (MHz)**	**EIRP (dBm)**	**Limit (dBm)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	3490.00	-48.43	-13.00	-35.43	1.83 V	64	45.10	-93.53

Remarks:

1. EIRP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit.

RF Mode	NR n66 Channel Bandwidth: 5MHz	**Channel**	CH 355500：1777.5 MHz
Frequency Range	1 GHz ~ 18 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	21°C, 76% RH
Tested By	Rex Wang		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	**Frequency (MHz)**	**EIRP (dBm)**	**Limit (dBm)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	3555.00	-47.63	-13.00	-34.63	2.67 H	340	45.56	-93.19
Antenna Polarity & Test Distance : Vertical at 3 m								
No	**Frequency (MHz)**	**EIRP (dBm)**	**Limit (dBm)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	3555.00	-47.93	-13.00	-34.93	1.88 V	65	45.26	-93.19

Remarks:

1. EIRP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit.

RF Mode	NR n66 Channel Bandwidth: 20MHz	**Channel**	CH 344000：1720 MHz
Frequency Range	1 GHz ~ 18 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	21°C, 76% RH
Tested By	Rex Wang		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	**Frequency (MHz)**	**EIRP (dBm)**	**Limit (dBm)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	3440.00	-49.47	-13.00	-36.47	2.71 H	333	44.67	-94.14
Antenna Polarity & Test Distance : Vertical at 3 m								
No	**Frequency (MHz)**	**EIRP (dBm)**	**Limit (dBm)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	3440.00	-48.90	-13.00	-35.90	1.83 V	58	45.24	-94.14

Remarks:

1. EIRP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit.

RF Mode	NR n66 Channel Bandwidth: 20MHz	**Channel**	CH 349000：1745 MHz
Frequency Range	1 GHz ~ 18 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	21°C, 76% RH
Tested By	Rex Wang		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	**Frequency (MHz)**	**EIRP (dBm)**	**Limit (dBm)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	3490.00	-49.06	-13.00	-36.06	2.67 H	344	44.47	-93.53
Antenna Polarity & Test Distance : Vertical at 3 m								
No	**Frequency (MHz)**	**EIRP (dBm)**	**Limit (dBm)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	3490.00	-48.20	-13.00	-35.20	1.79 V	61	45.33	-93.53

Remarks:

1. EIRP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit.

RF Mode	NR n66 Channel Bandwidth: 20MHz	**Channel**	CH 354000：1770 MHz
Frequency Range	1 GHz ~ 18 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	21°C, 76% RH
Tested By	Rex Wang		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	**Frequency (MHz)**	**EIRP (dBm)**	**Limit (dBm)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	3540.00	-48.68	-13.00	-35.68	2.72 H	345	44.55	-93.23
Antenna Polarity & Test Distance : Vertical at 3 m								
No	**Frequency (MHz)**	**EIRP (dBm)**	**Limit (dBm)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	3540.00	-47.99	-13.00	-34.99	1.85 V	68	45.24	-93.23

Remarks:

1. EIRP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit.

RF Mode	NR n66 Channel Bandwidth: 40MHz	**Channel**	CH 346000：1730 MHz
Frequency Range	1 GHz ~ 18 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	21°C, 76% RH
Tested By	Rex Wang		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	**Frequency (MHz)**	**EIRP (dBm)**	**Limit (dBm)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	3460.00	-49.24	-13.00	-36.24	2.66 H	351	44.67	-93.91
Antenna Polarity & Test Distance : Vertical at 3 m								
No	**Frequency (MHz)**	**EIRP (dBm)**	**Limit (dBm)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	3460.00	-48.60	-13.00	-35.60	1.78 V	64	45.31	-93.91

Remarks:

1. EIRP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit.

RF Mode	NR n66 Channel Bandwidth: 40MHz	**Channel**	CH 349000：1745 MHz
Frequency Range	1 GHz ~ 18 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	21°C, 76% RH
Tested By	Rex Wang		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	**Frequency (MHz)**	**EIRP (dBm)**	**Limit (dBm)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	3490.00	-48.78	-13.00	-35.78	2.64 H	346	44.75	-93.53
Antenna Polarity & Test Distance : Vertical at 3 m								
No	**Frequency (MHz)**	**EIRP (dBm)**	**Limit (dBm)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	3490.00	-47.98	-13.00	-34.98	1.80 V	67	45.55	-93.53

Remarks:

1. EIRP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit.

RF Mode	NR n66 Channel Bandwidth: 40MHz	**Channel**	CH 352000：1760 MHz
Frequency Range	1 GHz ~ 18 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	21°C, 76% RH
Tested By	Rex Wang		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	**Frequency (MHz)**	**EIRP (dBm)**	**Limit (dBm)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	3520.00	-48.65	-13.00	-35.65	2.69 H	343	44.66	-93.31
Antenna Polarity & Test Distance : Vertical at 3 m								
No	**Frequency (MHz)**	**EIRP (dBm)**	**Limit (dBm)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	3520.00	-47.99	-13.00	-34.99	1.84 V	70	45.32	-93.31

Remarks:

1. EIRP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit.

7.3.8 NR n71 SCS 15 kHz

RF Mode	NR n71 Channel Bandwidth: 5MHz	**Channel**	CH 133100：665.5 MHz
Frequency Range	1 GHz ~ 18 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	21°C, 76% RH
Tested By	Rex Wang		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	**Frequency (MHz)**	**ERP (dBm)**	**Limit (dBm)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	1331.00	-57.41	-13.00	-44.41	2.56 H	194	44.89	-102.30
Antenna Polarity & Test Distance : Vertical at 3 m								
No	**Frequency (MHz)**	**ERP (dBm)**	**Limit (dBm)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	1331.00	-56.87	-13.00	-43.87	1.54 V	23	45.43	-102.30

Remarks:

1. ERP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8 – 2.15
3. Margin value = ERP – Limit value
4. The other ERP levels were very low against the limit.

RF Mode	NR n71 Channel Bandwidth: 5MHz	**Channel**	CH 136100：680.5 MHz
Frequency Range	1 GHz ~ 18 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	21°C, 76% RH
Tested By	Rex Wang		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	**Frequency (MHz)**	**ERP (dBm)**	**Limit (dBm)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	1361.00	-57.16	-13.00	-44.16	2.52 H	193	45.05	-102.21
Antenna Polarity & Test Distance : Vertical at 3 m								
No	**Frequency (MHz)**	**ERP (dBm)**	**Limit (dBm)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	1361.00	-56.54	-13.00	-43.54	1.60 V	24	45.67	-102.21

Remarks:

1. ERP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8 – 2.15
3. Margin value = ERP – Limit value
4. The other ERP levels were very low against the limit.

RF Mode	NR n71 Channel Bandwidth: 5MHz	**Channel**	CH 139100：695.5 MHz
Frequency Range	1 GHz ~ 18 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	21°C, 76% RH
Tested By	Rex Wang		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	**Frequency (MHz)**	**ERP (dBm)**	**Limit (dBm)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	1391.00	-56.95	-13.00	-43.95	2.52 H	194	45.11	-102.06
Antenna Polarity & Test Distance : Vertical at 3 m								
No	**Frequency (MHz)**	**ERP (dBm)**	**Limit (dBm)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	1391.00	-56.54	-13.00	-43.54	1.57 V	20	45.52	-102.06

Remarks:

1. ERP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8 – 2.15
3. Margin value = ERP – Limit value
4. The other ERP levels were very low against the limit.

RF Mode	NR n71 Channel Bandwidth: 20MHz	**Channel**	CH 134600：673 MHz
Frequency Range	1 GHz ~ 18 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	21°C, 76% RH
Tested By	Rex Wang		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	**Frequency (MHz)**	**ERP (dBm)**	**Limit (dBm)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	1346.00	-57.04	-13.00	-44.04	2.61 H	190	45.23	-102.27
Antenna Polarity & Test Distance : Vertical at 3 m								
No	**Frequency (MHz)**	**ERP (dBm)**	**Limit (dBm)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	1346.00	-56.56	-13.00	-43.56	1.54 V	358	45.71	-102.27

Remarks:

1. ERP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8 – 2.15
3. Margin value = ERP – Limit value
4. The other ERP levels were very low against the limit.

RF Mode	NR n71 Channel Bandwidth: 20MHz	**Channel**	CH 136100：680.5 MHz
Frequency Range	1 GHz ~ 18 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	21°C, 76% RH
Tested By	Rex Wang		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	**Frequency (MHz)**	**ERP (dBm)**	**Limit (dBm)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	1361.00	-57.05	-13.00	-44.05	2.60 H	188	45.16	-102.21
Antenna Polarity & Test Distance : Vertical at 3 m								
No	**Frequency (MHz)**	**ERP (dBm)**	**Limit (dBm)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	1361.00	-56.39	-13.00	-43.39	1.64 V	19	45.82	-102.21

Remarks:

1. ERP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8 – 2.15
3. Margin value = ERP – Limit value
4. The other ERP levels were very low against the limit.

RF Mode	NR n71 Channel Bandwidth: 20MHz	**Channel**	CH 137600：688 MHz
Frequency Range	1 GHz ~ 18 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	21°C, 76% RH
Tested By	Rex Wang		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	**Frequency (MHz)**	**ERP (dBm)**	**Limit (dBm)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	1376.00	-57.07	-13.00	-44.07	2.69 H	199	45.06	-102.13
Antenna Polarity & Test Distance : Vertical at 3 m								
No	**Frequency (MHz)**	**ERP (dBm)**	**Limit (dBm)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	1376.00	-56.36	-13.00	-43.36	1.50 V	24	45.77	-102.13

Remarks:

1. ERP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8 – 2.15
3. Margin value = ERP – Limit value
4. The other ERP levels were very low against the limit.

7.3.9 NR n77 (3450-3550 MHz) SCS 30 kHz

RF Mode	NR n77 Channel Bandwidth: 10MHz	**Channel**	CH 630334：3455.01 MHz
Frequency Range	1 GHz ~ 40 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	21°C, 76% RH
Tested By	Adair Peng		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	**Frequency (MHz)**	**EIRP (dBm)**	**Limit (dBm)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	6910.02	-43.83	-13.00	-30.83	2.09 H	263	42.82	-86.65
Antenna Polarity & Test Distance : Vertical at 3 m								
No	**Frequency (MHz)**	**EIRP (dBm)**	**Limit (dBm)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	6910.02	-42.77	-13.00	-29.77	1.91 V	199	43.88	-86.65

Remarks:

1. EIRP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit.

RF Mode	NR n77 Channel Bandwidth: 10MHz	**Channel**	CH 633334：3500.01 MHz
Frequency Range	1 GHz ~ 40 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	21°C, 76% RH
Tested By	Adair Peng		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	**Frequency (MHz)**	**EIRP (dBm)**	**Limit (dBm)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	7000.02	-42.83	-13.00	-29.83	2.29 H	256	42.82	-85.65
Antenna Polarity & Test Distance : Vertical at 3 m								
No	**Frequency (MHz)**	**EIRP (dBm)**	**Limit (dBm)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	7000.02	-41.93	-13.00	-28.93	1.85 V	194	43.72	-85.65

Remarks:

1. EIRP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit.

RF Mode	NR n77 Channel Bandwidth: 10MHz	**Channel**	CH 636332：3544.98 MHz
Frequency Range	1 GHz ~ 40 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	21°C, 76% RH
Tested By	Adair Peng		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	**Frequency (MHz)**	**EIRP (dBm)**	**Limit (dBm)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	7089.96	-42.18	-13.00	-29.18	2.20 H	261	42.83	-85.01
Antenna Polarity & Test Distance : Vertical at 3 m								
No	**Frequency (MHz)**	**EIRP (dBm)**	**Limit (dBm)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	7089.96	-41.32	-13.00	-28.32	1.85 V	197	43.69	-85.01

Remarks:

1. EIRP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit.

RF Mode	NR n77 Channel Bandwidth: 50MHz	**Channel**	CH 631668：3475.02 MHz
Frequency Range	1 GHz ~ 40 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	21°C, 76% RH
Tested By	Adair Peng		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	**Frequency (MHz)**	**EIRP (dBm)**	**Limit (dBm)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	6950.04	-43.27	-13.00	-30.27	2.29 H	261	42.91	-86.18
Antenna Polarity & Test Distance : Vertical at 3 m								
No	**Frequency (MHz)**	**EIRP (dBm)**	**Limit (dBm)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	6950.04	-42.43	-13.00	-29.43	1.87 V	193	43.75	-86.18

Remarks:

1. EIRP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit.

RF Mode	NR n77 Channel Bandwidth: 50MHz	**Channel**	CH 633334：3500.01 MHz
Frequency Range	1 GHz ~ 40 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	21°C, 76% RH
Tested By	Adair Peng		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	**Frequency (MHz)**	**EIRP (dBm)**	**Limit (dBm)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	7000.02	-42.83	-13.00	-29.83	2.19 H	254	42.82	-85.65
Antenna Polarity & Test Distance : Vertical at 3 m								
No	**Frequency (MHz)**	**EIRP (dBm)**	**Limit (dBm)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	7000.02	-41.93	-13.00	-28.93	1.85 V	192	43.72	-85.65

Remarks:

1. EIRP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit.

RF Mode	NR n77 Channel Bandwidth: 50MHz	**Channel**	CH 635000：3525 MHz
Frequency Range	1 GHz ~ 40 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	21°C, 76% RH
Tested By	Adair Peng		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	**Frequency (MHz)**	**EIRP (dBm)**	**Limit (dBm)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	7050.00	-42.19	-13.00	-29.19	2.26 H	255	42.91	-85.10
Antenna Polarity & Test Distance : Vertical at 3 m								
No	**Frequency (MHz)**	**EIRP (dBm)**	**Limit (dBm)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	7050.00	-41.28	-13.00	-28.28	1.86 V	195	43.82	-85.10

Remarks:

1. EIRP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit.

RF Mode	NR n77 Channel Bandwidth: 100MHz	**Channel**	CH 633334：3500.01 MHz
Frequency Range	1 GHz ~ 40 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	21°C, 76% RH
Tested By	Adair Peng		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	**Frequency (MHz)**	**EIRP (dBm)**	**Limit (dBm)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	7000.02	-42.79	-13.00	-29.79	2.20 H	260	42.86	-85.65
Antenna Polarity & Test Distance : Vertical at 3 m								
No	**Frequency (MHz)**	**EIRP (dBm)**	**Limit (dBm)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	7000.02	-41.96	-13.00	-28.96	1.90 V	197	43.69	-85.65

Remarks:

1. EIRP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit.

7.3.10 NR n77 (3700-3980 MHz) SCS 30 kHz

RF Mode	NR n77 Channel Bandwidth: 10MHz	**Channel**	CH 647000：3705 MHz
Frequency Range	1 GHz ~ 40 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	21°C, 76% RH
Tested By	Adair Peng		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	**Frequency (MHz)**	**EIRP (dBm)**	**Limit (dBm)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	7410.00	-41.52	-13.00	-28.52	2.22 H	257	42.87	-84.39
Antenna Polarity & Test Distance : Vertical at 3 m								
No	**Frequency (MHz)**	**EIRP (dBm)**	**Limit (dBm)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	7410.00	-40.73	-13.00	-27.73	1.82 V	193	43.66	-84.39

Remarks:

1. EIRP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit.

RF Mode	NR n77 Channel Bandwidth: 10MHz	**Channel**	CH 656000：3840 MHz
Frequency Range	1 GHz ~ 40 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	21°C, 76% RH
Tested By	Adair Peng		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	**Frequency (MHz)**	**EIRP (dBm)**	**Limit (dBm)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	7680.00	-41.94	-13.00	-28.94	2.30 H	261	42.82	-84.76
Antenna Polarity & Test Distance : Vertical at 3 m								
No	**Frequency (MHz)**	**EIRP (dBm)**	**Limit (dBm)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	7680.00	-41.07	-13.00	-28.07	1.87 V	190	43.69	-84.76

Remarks:

1. EIRP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit.

RF Mode	NR n77 Channel Bandwidth: 10MHz	**Channel**	CH 665000：3975 MHz
Frequency Range	1 GHz ~ 40 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	21°C, 76% RH
Tested By	Adair Peng		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	**Frequency (MHz)**	**EIRP (dBm)**	**Limit (dBm)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	7950.00	-40.89	-13.00	-27.89	2.28 H	263	42.91	-83.80
Antenna Polarity & Test Distance : Vertical at 3 m								
No	**Frequency (MHz)**	**EIRP (dBm)**	**Limit (dBm)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	7950.00	-40.12	-13.00	-27.12	1.82 V	197	43.68	-83.80

Remarks:

1. EIRP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit.

RF Mode	NR n77 Channel Bandwidth: 50MHz	**Channel**	CH 648334：3725.01 MHz
Frequency Range	1 GHz ~ 40 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	21°C, 76% RH
Tested By	Adair Peng		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	**Frequency (MHz)**	**EIRP (dBm)**	**Limit (dBm)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	7450.02	-41.17	-13.00	-28.17	2.15 H	255	42.89	-84.06
Antenna Polarity & Test Distance : Vertical at 3 m								
No	**Frequency (MHz)**	**EIRP (dBm)**	**Limit (dBm)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	7450.02	-40.39	-13.00	-27.39	1.84 V	199	43.67	-84.06

Remarks:

1. EIRP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit.

RF Mode	NR n77 Channel Bandwidth: 50MHz	**Channel**	CH 656000：3840 MHz
Frequency Range	1 GHz ~ 40 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	21°C, 76% RH
Tested By	Adair Peng		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	**Frequency (MHz)**	**EIRP (dBm)**	**Limit (dBm)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	7680.00	-41.94	-13.00	-28.94	2.08 H	261	42.82	-84.76
Antenna Polarity & Test Distance : Vertical at 3 m								
No	**Frequency (MHz)**	**EIRP (dBm)**	**Limit (dBm)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	7680.00	-41.04	-13.00	-28.04	1.82 V	196	43.72	-84.76

Remarks:

1. EIRP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit.

RF Mode	NR n77 Channel Bandwidth: 50MHz	**Channel**	CH 663666：3954.99 MHz
Frequency Range	1 GHz ~ 40 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	21°C, 76% RH
Tested By	Adair Peng		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	**Frequency (MHz)**	**EIRP (dBm)**	**Limit (dBm)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	7909.98	-41.02	-13.00	-28.02	2.18 H	261	42.91	-83.93
Antenna Polarity & Test Distance : Vertical at 3 m								
No	**Frequency (MHz)**	**EIRP (dBm)**	**Limit (dBm)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	7909.98	-40.08	-13.00	-27.08	1.87 V	191	43.85	-83.93

Remarks:

1. EIRP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit.

RF Mode	NR n77 Channel Bandwidth: 100MHz	**Channel**	CH 650000：3750 MHz
Frequency Range	1 GHz ~ 40 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	21°C, 76% RH
Tested By	Adair Peng		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	**Frequency (MHz)**	**EIRP (dBm)**	**Limit (dBm)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	7500.00	-41.34	-13.00	-28.34	2.22 H	252	42.89	-84.23
Antenna Polarity & Test Distance : Vertical at 3 m								
No	**Frequency (MHz)**	**EIRP (dBm)**	**Limit (dBm)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	7500.00	-40.64	-13.00	-27.64	1.86 V	190	43.59	-84.23

Remarks:

1. EIRP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit.

RF Mode	NR n77 Channel Bandwidth: 100MHz	**Channel**	CH 656000：3840 MHz
Frequency Range	1 GHz ~ 40 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	21°C, 76% RH
Tested By	Adair Peng		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	**Frequency (MHz)**	**EIRP (dBm)**	**Limit (dBm)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	7680.00	-41.88	-13.00	-28.88	2.19 H	260	42.88	-84.76
Antenna Polarity & Test Distance : Vertical at 3 m								
No	**Frequency (MHz)**	**EIRP (dBm)**	**Limit (dBm)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	7680.00	-41.04	-13.00	-28.04	1.79 V	189	43.72	-84.76

Remarks:

1. EIRP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit.

RF Mode	NR n77 Channel Bandwidth: 100MHz	**Channel**	CH 662000：3930 MHz
Frequency Range	1 GHz ~ 40 GHz	**Detector Function & Bandwidth**	1 MHz/3 MHz (RMS)
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	21°C, 76% RH
Tested By	Adair Peng		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	**Frequency (MHz)**	**EIRP (dBm)**	**Limit (dBm)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	7860.00	-41.35	-13.00	-28.35	2.25 H	254	42.83	-84.18
Antenna Polarity & Test Distance : Vertical at 3 m								
No	**Frequency (MHz)**	**EIRP (dBm)**	**Limit (dBm)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	7860.00	-40.59	-13.00	-27.59	1.87 V	196	43.59	-84.18

Remarks:

1. EIRP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit.

8 Pictures of Test Arrangements

Please refer to the attached file (Test Setup Photo)

9 Information of the Testing Laboratories

We, Bureau Veritas Consumer Products Services (H.K.) Ltd., Taoyuan Branch, were founded in 1988 to provide our best service in EMC, Radio, Telecom and Safety consultation. Our laboratories are FCC recognized accredited test firms and accredited according to ISO/IEC 17025.

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The address and road map of all our labs can be found in our web site also.

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