

TEST REPORT

CERTIFICATE OF CONFORMITY

Standard: 47 CFR FCC Part 22
47 CFR FCC Part 24
47 CFR FCC Part 27
47 CFR FCC Part 90
47 CFR FCC Part 2

Report No.: RFBCUN-WTW-P23110013-2

FCC ID: H8NNCM1120

Product: AT&T Internet Air™ for Business 5G Gateway

Brand: AT&T

Model No.: NCM1120D2-D323

Received Date: 2023/11/1

Test Date: 2023/11/7 ~ 2023/12/13

Issued Date: 2024/1/29

Applicant: ASKEY COMPUTER CORP.

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FCC Registration /

Designation Number: 788550 / TW0003

Approved by: _____

Jeremy Lin

Date: _____

2024/1/29

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
RFBCUN-WTW-P23110013-2	Original release.	2024/1/29

1 Certificate

Product: AT&T Internet Air™ for Business 5G Gateway

Brand: AT&T

Test Model: NCM1120D2-D323

Sample Status: Engineering sample

Applicant: ASKEY COMPUTER CORP.

Test Date: 2023/11/7 ~ 2023/12/13

Standard: 47 CFR FCC Part 22
47 CFR FCC Part 24
47 CFR FCC Part 27
47 CFR FCC Part 90
47 CFR FCC Part 2

Measurement ANSI/TIA/EIA-603-E 2016

procedure: ANSI C63.26-2015

KDB 971168 D01 Power Meas License Digital Systems v03r01

KDB 971168 D02 Misc Rev Approv License Devices 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 90 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(d) FCC 47 CFR Part 27.50(k) FCC 47 CFR Part 27.50(j) FCC 47 CFR Part 90.542 (a)(7)	Effective Radiated Power and Equivalent Isotropically Radiated Power	Pass	Meet the requirement of limit.
FCC 47 CFR Part 2.1047	Modulation Characteristics	Pass	Meet the requirement of limit.
FCC 47 CFR Part 22.913(d) FCC 47 CFR Part 24.232(d) FCC 47 CFR Part 27.50(d) FCC 47 CFR Part 27.50(k)(4) FCC 47 CFR Part 27.50(j)(4)	Peak to Average Ratio	Pass	Meet the requirement of limit.
FCC 47 CFR Part 2.1049	Bandwidth	Pass	Meet the requirement of limit.
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(h) FCC 47 CFR Part 27.53(l) FCC 47 CFR Part 27.53(n) FCC 47 CFR Part 90.543(e)(f)	Conducted Spurious Emissions	Pass	Meet the requirement of limit.
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(h) FCC 47 CFR Part 27.53(l) FCC 47 CFR Part 27.53(n) FCC 47 CFR Part 90.543(e)(f)	Radiated Spurious Emissions below 1GHz	Pass	Minimum passing margin is -1.25 dB at 123.12 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(h) FCC 47 CFR Part 27.53(l) FCC 47 CFR Part 27.53(n) FCC 47 CFR Part 90.543(e)(f)	Radiated Spurious Emissions above 1GHz	Pass	Minimum passing margin is -6.26 dB at 4620.00, 4625.00 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 FCC 47 CFR Part 90.539(e)	Frequency Stability	Pass	Meet the requirement of limit.

Note: Determining compliance based on the results of the compliance measurement, not taking into account measurement instrumentation uncertainty.

2.1 Measurement Uncertainty

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

Measurement	Specification	Expanded Uncertainty (k=2) (±)
Radiated Spurious Emissions below 1GHz	9 kHz ~ 30 MHz	2.44 dB
	30 MHz ~ 1 GHz	2.95 dB
Radiated Spurious Emissions above 1GHz	1 GHz ~ 18 GHz	2.26 dB
	18 GHz ~ 40 GHz	1.94 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	AT&T Internet Air™ for Business 5G Gateway
Brand	AT&T
Test Model	NCM1120D2-D323
Status of EUT	Engineering sample
Power Supply Rating	12Vdc from adapter
HW Version	REV03
SW Version	NCM1120D2_v240131

Note:

1. The EUT supports the following ENDC configuration.

	FCC 5G FR1		
	Band	SCS	Bandwidth (MHz)
5GNR	n2	15kHz	5/10/15/20
	n5	15kHz	5/10/15/20
	n14	15kHz	5/10
	n30	15kHz	5/10
	n66	15kHz	5/10/15/20/40
	n77 (3450-3550MHz)	15kHz	10/15/20/30/40/50
	n77 (3450-3550MHz)	30kHz	10/15/20/30/40/50/60/70/80/90/100
	n77 (3700-3980MHz)	15kHz	10/15/20/30/40/50
	n77 (3700-3980MHz)	30kHz	10/15/20/30/40/50/60/70/80/90/100

*For n77, SCS 30kHz is the worst for the final tests.

2. EUT Overview.

Internal Antenna:

Band / Bandwidth	TX Frequency Range (MHz)	Max. EIRP Power				
		BPSK	QPSK	16QAM	64QAM	256QAM
n2 SCS 15kHz (Channel Bandwidth 5MHz)	1852.50-1907.50	288.403mW (24.60dBm)	287.740mW (24.59dBm)	248.886mW (23.96dBm)	180.717mW (22.57dBm)	107.647mW (20.32dBm)
n2 SCS 15kHz (Channel Bandwidth 10MHz)	1855.00-1905.00	288.403mW (24.60dBm)	287.078mW (24.58dBm)	250.611mW (23.99dBm)	177.828mW (22.50dBm)	109.144mW (20.38dBm)
n2 SCS 15kHz (Channel Bandwidth 15MHz)	1857.50-1902.50	288.403mW (24.60dBm)	288.403mW (24.60dBm)	251.189mW (24.00dBm)	175.792mW (22.45dBm)	108.393mW (20.35dBm)
n2 SCS 15kHz (Channel Bandwidth 20MHz)	1860.00-1900.00	290.402mW (24.63dBm)	287.740mW (24.59dBm)	252.348mW (24.02dBm)	179.887mW (22.55dBm)	108.393mW (20.35dBm)
n30 SCS 15kHz (Channel Bandwidth 5MHz)	2307.5-2312.5	244.343mW (23.88dBm)	237.137mW (23.75dBm)	194.089mW (22.88dBm)	153.815mW (21.87dBm)	123.310mW (20.91dBm)
n30 SCS 15kHz (Channel Bandwidth 10MHz)	2310.0	244.906mW (23.89dBm)	235.505mW (23.72dBm)	195.434mW (22.91dBm)	156.315mW (21.94dBm)	122.180mW (20.87dBm)
n66 SCS 15kHz (Channel Bandwidth 5MHz)	1712.50-1777.50	285.759mW (24.56dBm)	279.898mW (24.47dBm)	237.684mW (23.76dBm)	176.604mW (22.47dBm)	105.439mW (20.23dBm)
n66 SCS 15kHz (Channel Bandwidth 10MHz)	1715.00-1775.00	287.078mW (24.58dBm)	284.446mW (24.54dBm)	242.103mW (23.84dBm)	174.181mW (22.41dBm)	106.170mW (20.26dBm)
n66 SCS 15kHz (Channel Bandwidth 15MHz)	1717.50-1772.50	280.543mW (24.48dBm)	279.898mW (24.47dBm)	242.661mW (23.85dBm)	173.380mW (22.39dBm)	104.954mW (20.21dBm)
n66 SCS 15kHz (Channel Bandwidth 20MHz)	1720.00-1770.00	279.254mW (24.46dBm)	283.792mW (24.53dBm)	238.781mW (23.78dBm)	176.604mW (22.47dBm)	104.954mW (20.21dBm)
n66 SCS 15kHz (Channel Bandwidth 40MHz)	1730.00-1760.00	287.740mW (24.59dBm)	283.792mW (24.53dBm)	241.546mW (23.83dBm)	177.419mW (22.49dBm)	105.196mW (20.22dBm)

Band / Bandwidth	TX Frequency Range (MHz)	Max. EIRP Power			
		QPSK	16QAM	64QAM	256QAM
For 3450-3550 MHz					
n77 SCS 30kHz (Channel Bandwidth 10MHz)	3455.01-3544.98	519.996mW (27.16dBm)	413.048mW (26.16dBm)	329.610mW (25.18dBm)	261.818mW (24.18dBm)
n77 SCS 30kHz (Channel Bandwidth 15MHz)	3457.50-3542.49	549.541mW (27.40dBm)	437.522mW (26.41dBm)	346.737mW (25.40dBm)	274.157mW (24.38dBm)
n77 SCS 30kHz (Channel Bandwidth 20MHz)	3460.02-3540.00	509.331mW (27.07dBm)	406.443mW (26.09dBm)	323.594mW (25.10dBm)	256.448mW (24.09dBm)
n77 SCS 30kHz (Channel Bandwidth 30MHz)	3465.00-3534.99	540.754mW (27.33dBm)	431.519mW (26.35dBm)	344.350mW (25.37dBm)	273.527mW (24.37dBm)
n77 SCS 30kHz (Channel Bandwidth 40MHz)	3470.01-3529.98	503.501mW (27.02dBm)	399.025mW (26.01dBm)	317.687mW (25.02dBm)	251.768mW (24.01dBm)
n77 SCS 30kHz (Channel Bandwidth 50MHz)	3475.02-3525.00	517.607mW (27.14dBm)	411.150mW (26.14dBm)	325.837mW (25.13dBm)	254.683mW (24.06dBm)
n77 SCS 30kHz (Channel Bandwidth 60MHz)	3480.00-3519.99	495.450mW (26.95dBm)	394.457mW (25.96dBm)	314.051mW (24.97dBm)	248.313mW (23.95dBm)
n77 SCS 30kHz (Channel Bandwidth 70MHz)	3485.01-3514.98	529.663mW (27.24dBm)	421.697mW (26.25dBm)	333.426mW (25.23dBm)	263.633mW (24.21dBm)
n77 SCS 30kHz (Channel Bandwidth 80MHz)	3490.02-3510.00	518.800mW (27.15dBm)	414.000mW (26.17dBm)	328.852mW (25.17dBm)	261.818mW (24.18dBm)
n77 SCS 30kHz (Channel Bandwidth 90MHz)	3495.00-3504.99	529.663mW (27.24dBm)	422.669mW (26.26dBm)	335.738mW (25.26dBm)	268.534mW (24.29dBm)
n77 SCS 30kHz (Channel Bandwidth 100MHz)	3500.01	538.270mW (27.31dBm)	427.563mW (26.31dBm)	340.408mW (25.32dBm)	269.774mW (24.31dBm)



Band / Bandwidth	TX Frequency Range (MHz)	Max. EIRP Power			
		QPSK	16QAM	64QAM	256QAM
For 3700-3980 MHz					
n77 SCS 30kHz (Channel Bandwidth 10MHz)	3705.00-3975.00	820.352mW (29.14dBm)	488.652mW (26.89dBm)	387.258mW (25.88dBm)	308.319mW (24.89dBm)
n77 SCS 30kHz (Channel Bandwidth 15MHz)	3707.52-3972.48	807.235mW (29.07dBm)	488.652mW (26.89dBm)	389.045mW (25.90dBm)	309.030mW (24.90dBm)
n77 SCS 30kHz (Channel Bandwidth 20MHz)	3710.01-3969.99	805.378mW (29.06dBm)	462.381mW (26.65dBm)	366.438mW (25.64dBm)	292.415mW (24.66dBm)
n77 SCS 30kHz (Channel Bandwidth 30MHz)	3715.02-3964.98	809.096mW (29.08dBm)	492.040mW (26.92dBm)	389.942mW (25.91dBm)	311.172mW (24.93dBm)
n77 SCS 30kHz (Channel Bandwidth 40MHz)	3720.00-3960.00	799.834mW (29.03dBm)	496.592mW (26.96dBm)	386.367mW (25.87dBm)	315.500mW (24.99dBm)
n77 SCS 30kHz (Channel Bandwidth 50MHz)	3725.01-3954.99	810.961mW (29.09dBm)	481.948mW (26.83dBm)	381.066mW (25.81dBm)	301.995mW (24.80dBm)
n77 SCS 30kHz (Channel Bandwidth 60MHz)	3730.02-3949.98	787.046mW (28.96dBm)	493.174mW (26.93dBm)	392.645mW (25.94dBm)	313.329mW (24.96dBm)
n77 SCS 30kHz (Channel Bandwidth 70MHz)	3735.00-3945.00	812.831mW (29.10dBm)	480.839mW (26.82dBm)	383.707mW (25.84dBm)	306.196mW (24.86dBm)
n77 SCS 30kHz (Channel Bandwidth 80MHz)	3740.01-3939.99	820.352mW (29.14dBm)	483.059mW (26.84dBm)	383.707mW (25.84dBm)	305.492mW (24.85dBm)
n77 SCS 30kHz (Channel Bandwidth 90MHz)	3745.02-3934.98	820.352mW (29.14dBm)	477.529mW (26.79dBm)	377.572mW (25.77dBm)	301.301mW (24.79dBm)
n77 SCS 30kHz (Channel Bandwidth 100MHz)	3745.00-3930.00	824.138mW (29.16dBm)	486.407mW (26.87dBm)	384.592mW (25.85dBm)	306.196mW (24.86dBm)

Band / Bandwidth	TX Frequency Range (MHz)	Max. ERP Power				
		BPSK	QPSK	16QAM	64QAM	256QAM
n5 SCS 15kHz (Channel Bandwidth 5MHz)	826.50-846.50	192.752mW (22.85dBm)	192.309mW (22.84dBm)	160.694mW (22.06dBm)	116.413mW (20.66dBm)	74.473mW (18.72dBm)
n5 SCS 15kHz (Channel Bandwidth 10MHz)	829.00-844.00	190.546mW (22.80dBm)	188.799mW (22.76dBm)	159.956mW (22.04dBm)	113.763mW (20.56dBm)	75.336mW (18.77dBm)
n5 SCS 15kHz (Channel Bandwidth 15MHz)	831.50-841.50	192.309mW (22.84dBm)	192.309mW (22.84dBm)	166.341mW (22.21dBm)	114.288mW (20.58dBm)	75.683mW (18.79dBm)
n5 SCS 15kHz (Channel Bandwidth 20MHz)	834.00-839.00	195.434mW (22.91dBm)	193.642mW (22.87dBm)	161.436mW (22.08dBm)	115.611mW (20.63dBm)	74.473mW (18.72dBm)
n14 SCS 15kHz (Channel Bandwidth 5MHz)	790.5-795.5	194.089mW (22.88dBm)	194.089mW (22.88dBm)	161.808mW (22.09dBm)	111.944mW (20.49dBm)	73.282mW (18.65dBm)
n14 SCS 15kHz (Channel Bandwidth 10MHz)	793.0	196.336mW (22.93dBm)	193.642mW (22.87dBm)	168.655mW (22.27dBm)	114.025mW (20.57dBm)	73.451mW (18.66dBm)



External Antenna:

Band / Bandwidth	TX Frequency Range (MHz)	Max. EIRP Power				
		BPSK	QPSK	16QAM	64QAM	256QAM
n2 SCS 15kHz (Channel Bandwidth 5MHz)	1852.50-1907.50	375.837mW (25.75dBm)	377.572mW (25.77dBm)	329.610mW (25.18dBm)	239.883mW (23.80dBm)	141.579mW (21.51dBm)
n2 SCS 15kHz (Channel Bandwidth 10MHz)	1855.00-1905.00	379.315mW (25.79dBm)	375.837mW (25.75dBm)	338.844mW (25.30dBm)	226.464mW (23.55dBm)	139.316mW (21.44dBm)
n2 SCS 15kHz (Channel Bandwidth 15MHz)	1857.50-1902.50	381.066mW (25.81dBm)	377.572mW (25.77dBm)	327.341mW (25.15dBm)	232.274mW (23.66dBm)	141.906mW (21.52dBm)
n2 SCS 15kHz (Channel Bandwidth 20MHz)	1860.00-1900.00	356.451mW (25.52dBm)	381.066mW (25.81dBm)	319.890mW (25.05dBm)	228.034mW (23.58dBm)	141.579mW (21.51dBm)
n30 SCS 15kHz (Channel Bandwidth 5MHz)	2307.5-2312.5	198.609mW (22.98dBm)	195.884mW (22.92dBm)	157.398mW (21.97dBm)	123.880mW (20.93dBm)	98.855mW (19.95dBm)
n30 SCS 15kHz (Channel Bandwidth 10MHz)	2310.0	199.986mW (23.01dBm)	196.789mW (22.94dBm)	157.761mW (21.98dBm)	125.026mW (20.97dBm)	99.770mW (19.99dBm)
n66 SCS 15kHz (Channel Bandwidth 5MHz)	1712.50-1777.50	375.837mW (25.75dBm)	381.944mW (25.82dBm)	317.687mW (25.02dBm)	226.986mW (23.56dBm)	141.579mW (21.51dBm)
n66 SCS 15kHz (Channel Bandwidth 10MHz)	1715.00-1775.00	378.443mW (25.78dBm)	366.438mW (25.64dBm)	318.420mW (25.03dBm)	235.505mW (23.72dBm)	140.605mW (21.48dBm)
n66 SCS 15kHz (Channel Bandwidth 15MHz)	1717.50-1772.50	372.392mW (25.71dBm)	373.250mW (25.72dBm)	318.420mW (25.03dBm)	228.560mW (23.59dBm)	138.038mW (21.40dBm)
n66 SCS 15kHz (Channel Bandwidth 20MHz)	1720.00-1770.00	364.754mW (25.62dBm)	377.572mW (25.77dBm)	317.687mW (25.02dBm)	226.464mW (23.55dBm)	140.281mW (21.47dBm)
n66 SCS 15kHz (Channel Bandwidth 40MHz)	1730.00-1760.00	366.438mW (25.64dBm)	372.392mW (25.71dBm)	320.627mW (25.06dBm)	223.357mW (23.49dBm)	136.773mW (21.36dBm)

Band / Bandwidth	TX Frequency Range (MHz)	Max. EIRP Power			
		QPSK	16QAM	64QAM	256QAM
For 3450-3550 MHz					
n77 SCS 30kHz (Channel Bandwidth 10MHz)	3455.01-3544.98	486.407mW (26.87dBm)	384.592mW (25.85dBm)	304.789mW (24.84dBm)	242.661mW (23.85dBm)
n77 SCS 30kHz (Channel Bandwidth 15MHz)	3457.50-3542.49	496.592mW (26.96dBm)	386.367mW (25.87dBm)	306.196mW (24.86dBm)	242.103mW (23.84dBm)
n77 SCS 30kHz (Channel Bandwidth 20MHz)	3460.02-3540.00	479.733mW (26.81dBm)	380.189mW (25.80dBm)	301.301mW (24.79dBm)	240.436mW (23.81dBm)
n77 SCS 30kHz (Channel Bandwidth 30MHz)	3465.00-3534.99	494.311mW (26.94dBm)	393.550mW (25.95dBm)	313.329mW (24.96dBm)	250.035mW (23.98dBm)
n77 SCS 30kHz (Channel Bandwidth 40MHz)	3470.01-3529.98	483.059mW (26.84dBm)	387.258mW (25.88dBm)	308.319mW (24.89dBm)	243.781mW (23.87dBm)
n77 SCS 30kHz (Channel Bandwidth 50MHz)	3475.02-3525.00	495.450mW (26.95dBm)	392.645mW (25.94dBm)	311.172mW (24.93dBm)	246.037mW (23.91dBm)
n77 SCS 30kHz (Channel Bandwidth 60MHz)	3480.00-3519.99	495.450mW (26.95dBm)	386.367mW (25.87dBm)	306.902mW (24.87dBm)	243.781mW (23.87dBm)
n77 SCS 30kHz (Channel Bandwidth 70MHz)	3485.01-3514.98	486.407mW (26.87dBm)	383.707mW (25.84dBm)	305.492mW (24.85dBm)	242.661mW (23.85dBm)
n77 SCS 30kHz (Channel Bandwidth 80MHz)	3490.02-3510.00	495.450mW (26.95dBm)	392.645mW (25.94dBm)	311.889mW (24.94dBm)	248.886mW (23.96dBm)
n77 SCS 30kHz (Channel Bandwidth 90MHz)	3495.00-3504.99	486.407mW (26.87dBm)	381.944mW (25.82dBm)	301.995mW (24.80dBm)	246.037mW (23.91dBm)
n77 SCS 30kHz (Channel Bandwidth 100MHz)	3500.01	441.570mW (26.45dBm)	356.451mW (25.52dBm)	281.838mW (24.50dBm)	223.357mW (23.49dBm)



Band / Bandwidth	TX Frequency Range (MHz)	Max. EIRP Power			
		QPSK	16QAM	64QAM	256QAM
For 3700-3980 MHz					
n77 SCS 30kHz (Channel Bandwidth 10MHz)	3705.00-3975.00	434.510mW (26.38dBm)	314.775mW (24.98dBm)	250.035mW (23.98dBm)	198.153mW (22.97dBm)
n77 SCS 30kHz (Channel Bandwidth 15MHz)	3707.52-3972.48	433.511mW (26.37dBm)	317.687mW (25.02dBm)	252.348mW (24.02dBm)	199.526mW (23.00dBm)
n77 SCS 30kHz (Channel Bandwidth 20MHz)	3710.01-3969.99	450.817mW (26.54dBm)	319.154mW (25.04dBm)	254.097mW (24.05dBm)	200.909mW (23.03dBm)
n77 SCS 30kHz (Channel Bandwidth 30MHz)	3715.02-3964.98	445.656mW (26.49dBm)	324.340mW (25.11dBm)	256.448mW (24.09dBm)	203.236mW (23.08dBm)
n77 SCS 30kHz (Channel Bandwidth 40MHz)	3720.00-3960.00	448.745mW (26.52dBm)	323.594mW (25.10dBm)	258.226mW (24.12dBm)	204.174mW (23.10dBm)
n77 SCS 30kHz (Channel Bandwidth 50MHz)	3725.01-3954.99	450.817mW (26.54dBm)	323.594mW (25.10dBm)	256.448mW (24.09dBm)	203.236mW (23.08dBm)
n77 SCS 30kHz (Channel Bandwidth 60MHz)	3730.02-3949.98	449.780mW (26.53dBm)	319.154mW (25.04dBm)	253.513mW (24.04dBm)	201.837mW (23.05dBm)
n77 SCS 30kHz (Channel Bandwidth 70MHz)	3735.00-3945.00	449.780mW (26.53dBm)	322.849mW (25.09dBm)	255.859mW (24.08dBm)	202.768mW (23.07dBm)
n77 SCS 30kHz (Channel Bandwidth 80MHz)	3740.01-3939.99	447.713mW (26.51dBm)	325.087mW (25.12dBm)	257.040mW (24.10dBm)	204.644mW (23.11dBm)
n77 SCS 30kHz (Channel Bandwidth 90MHz)	3745.02-3934.98	449.780mW (26.53dBm)	323.594mW (25.10dBm)	257.040mW (24.10dBm)	204.644mW (23.11dBm)
n77 SCS 30kHz (Channel Bandwidth 100MHz)	3745.00-3930.00	452.898mW (26.56dBm)	324.340mW (25.11dBm)	255.859mW (24.08dBm)	204.644mW (23.11dBm)

Band / Bandwidth	TX Frequency Range (MHz)	Emission Designator				
		BPSK	QPSK	16QAM	64QAM	256QAM
n2 SCS 15kHz (Channel Bandwidth 5MHz)	1852.50-1907.50	4M48G7D	4M48G7D	4M47D7W	4M48D7W	4M48D7W
n2 SCS 15kHz (Channel Bandwidth 10MHz)	1855.00-1905.00	9M25G7D	9M29G7D	9M29D7W	9M30D7W	9M29D7W
n2 SCS 15kHz (Channel Bandwidth 15MHz)	1857.50-1902.50	14M1G7D	14M1G7D	14M1D7W	14M1D7W	14M1D7W
n2 SCS 15kHz (Channel Bandwidth 20MHz)	1860.00-1900.00	18M8G7D	19M0G7D	19M0D7W	19M0D7W	19M0D7W
n5 SCS 15kHz (Channel Bandwidth 5MHz)	826.50-846.50	4M47G7D	4M47G7D	4M47D7W	4M47D7W	4M47D7W
n5 SCS 15kHz (Channel Bandwidth 10MHz)	829.00-844.00	9M24G7D	9M29G7D	9M30D7W	9M29D7W	9M29D7W
n5 SCS 15kHz (Channel Bandwidth 15MHz)	831.50-841.50	14M1G7D	14M1G7D	14M1D7W	14M1D7W	14M1D7W
n5 SCS 15kHz (Channel Bandwidth 20MHz)	834.00-839.00	18M7G7D	18M9G7D	18M9D7W	18M9D7W	18M9D7W
n14 SCS 15kHz (Channel Bandwidth 5MHz)	790.5-795.5	4M48G7D	4M47G7D	4M47D7W	4M47D7W	4M47D7W
n14 SCS 15kHz (Channel Bandwidth 10MHz)	793.0	9M24G7D	9M29G7D	9M28D7W	9M29D7W	9M29D7W
n30 SCS 15kHz (Channel Bandwidth 5MHz)	2307.5-2312.5	4M47G7D	4M47G7D	4M48D7W	4M47D7W	4M47D7W
n30 SCS 15kHz (Channel Bandwidth 10MHz)	2310.0	9M25G7D	9M29G7D	9M29D7W	9M29D7W	9M29D7W
n66 SCS 15kHz (Channel Bandwidth 5MHz)	1712.50-1777.50	4M47G7D	4M47G7D	4M47D7W	4M47D7W	4M48D7W
n66 SCS 15kHz (Channel Bandwidth 10MHz)	1715.00-1775.00	9M25G7D	9M29G7D	9M30D7W	9M29D7W	9M29D7W
n66 SCS 15kHz (Channel Bandwidth 15MHz)	1717.50-1772.50	14M1G7D	14M1G7D	14M1D7W	14M1D7W	14M1D7W
n66 SCS 15kHz (Channel Bandwidth 20MHz)	1720.00-1770.00	18M8G7D	19M0G7D	19M0D7W	19M0D7W	19M0D7W
n66 SCS 15kHz (Channel Bandwidth 40MHz)	1730.00-1760.00	38M5G7D	38M5G7D	38M5D7W	38M5D7W	38M5D7W



Band / Bandwidth	TX Frequency Range (MHz)	Emission Designator			
		QPSK	16QAM	64QAM	256QAM
For Part 27Q					
n77 SCS 30kHz (Channel Bandwidth 10MHz)	3455.01-3544.98	8M58G7D	8M58D7W	8M58D7W	8M58D7W
n77 SCS 30kHz (Channel Bandwidth 15MHz)	3457.50-3542.49	13M6G7D	13M6D7W	13M6D7W	13M6D7W
n77 SCS 30kHz (Channel Bandwidth 20MHz)	3460.02-3540.00	18M2G7D	18M2D7W	18M2D7W	18M2D7W
n77 SCS 30kHz (Channel Bandwidth 30MHz)	3465.00-3534.99	27M8G7D	27M8D7W	27M9D7W	27M8D7W
n77 SCS 30kHz (Channel Bandwidth 40MHz)	3470.01-3529.98	37M8G7D	37M8D7W	37M8D7W	37M8D7W
n77 SCS 30kHz (Channel Bandwidth 50MHz)	3475.02-3525.00	47M4G7D	47M5D7W	47M5D7W	47M4D7W
n77 SCS 30kHz (Channel Bandwidth 60MHz)	3480.00-3519.99	57M7G7D	57M8D7W	57M8D7W	57M8D7W
n77 SCS 30kHz (Channel Bandwidth 70MHz)	3485.01-3514.98	67M4G7D	67M4D7W	67M4D7W	67M4D7W
n77 SCS 30kHz (Channel Bandwidth 80MHz)	3490.02-3510.00	77M4G7D	77M4D7W	77M4D7W	77M4D7W
n77 SCS 30kHz (Channel Bandwidth 90MHz)	3495.00-3504.99	87M3G7D	87M3D7W	87M3D7W	87M3D7W
n77 SCS 30kHz (Channel Bandwidth 100MHz)	3499.98-35	97M3G7D	97M3D7W	97M3D7W	97M3D7W
For Part 27O					
n77 SCS 30kHz (Channel Bandwidth 10MHz)	3705.00-3975.00	8M58G7D	8M57D7W	8M57D7W	8M58D7W
n77 SCS 30kHz (Channel Bandwidth 15MHz)	3707.52-3972.48	13M6G7D	13M6D7W	13M6D7W	13M6D7W
n77 SCS 30kHz (Channel Bandwidth 20MHz)	3710.01-3969.99	18M2G7D	18M2D7W	18M2D7W	18M2D7W
n77 SCS 30kHz (Channel Bandwidth 30MHz)	3715.02-3964.98	27M8G7D	27M8D7W	27M9D7W	27M8D7W
n77 SCS 30kHz (Channel Bandwidth 40MHz)	3720.00-3960.00	37M8G7D	37M8D7W	37M8D7W	37M8D7W
n77 SCS 30kHz (Channel Bandwidth 50MHz)	3725.01-3954.99	47M5G7D	47M5D7W	47M5D7W	47M5D7W
n77 SCS 30kHz (Channel Bandwidth 60MHz)	3730.02-3949.98	57M8G7D	57M8D7W	57M8D7W	57M8D7W
n77 SCS 30kHz (Channel Bandwidth 70MHz)	3735.00-3945.00	67M4G7D	67M4D7W	67M5D7W	67M4D7W
n77 SCS 30kHz (Channel Bandwidth 80MHz)	3740.01-3939.99	77M4G7D	77M4D7W	77M4D7W	77M4D7W
n77 SCS 30kHz (Channel Bandwidth 90MHz)	3745.02-3934.98	87M4G7D	87M4D7W	87M4D7W	87M4D7W
n77 SCS 30kHz (Channel Bandwidth 100MHz)	3750.00-3930.00	97M4G7D	97M4D7W	97M4D7W	97M4D7W

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.

3.2 Antenna Description of EUT

1. The antenna information is listed as below.

Internal Antenna					
Antenna Type		PCB			
Antenna Connector		U.FL			
Brand		Antenna company			
Model		Ant. 1: AC31706-01H, Ant. 3: AC31605-01C, Ant. 5: AC31605-01E, Ant. 6: AC31706-01G, Ant. 7: AC31605-01G, Ant. 8: AC31605-01H			
Band	Freq. Range (MHz)	Gain (dBi)			
		Ant. 3	Ant. 5	Ant. 7	Ant. 8
LTE B2	1850 ~ 1910	1	-	-	-
LTE B4	1710 ~ 1755	1	-	-	-
LTE B5	824 ~ 849	-	-	-	0.9
LTE B12	698 ~ 716	-	-	-	0.9
LTE B14	788 ~ 798	-	-	-	0.9
LTE B30	2305 ~ 2315	1	-	-	-
LTE B66	1710 ~ 1780	1	-	-	-
n2	1850 ~ 1910	1	-	-	-
n5	824 ~ 849	-	-	-	0.9
n14	788 ~ 798	-	-	-	0.9
n30	2305 ~ 2315	1	-	-	-
n66	1710 ~ 1780	1	-	-	-
n77	3300 ~ 4200	3	3	-	-

Internal Antenna			
Band	Freq. Range (MHz)	TX & RX Configuration	
LTE B2	1850 ~ 1910	1TX (Ant. 3)	4RX (Ant. 3, 5, 7, 8)
LTE B4	1710 ~ 1755	1TX (Ant. 3)	4RX (Ant. 3, 5, 7, 8)
LTE B5	824 ~ 849	1TX (Ant. 8)	4RX (Ant. 3, 5, 7, 8)
LTE B12	698 ~ 716	1TX (Ant. 8)	4RX (Ant. 3, 5, 7, 8)
LTE B14	788 ~ 798	1TX (Ant. 8)	4RX (Ant. 3, 5, 7, 8)
LTE B30	2305 ~ 2315	1TX (Ant. 3)	4RX (Ant. 3, 5, 7, 8)
LTE B66	1710 ~ 1780	1TX (Ant. 3)	4RX (Ant. 3, 5, 7, 8)
n2	1850 ~ 1910	1TX (Ant. 3)	4RX (Ant. 3, 5, 7, 8)
n5	824 ~ 849	1TX (Ant. 8)	4RX (Ant. 3, 5, 7, 8)
n14	788 ~ 798	1TX (Ant. 8)	4RX (Ant. 3, 5, 7, 8)
n30	2305 ~ 2315	1TX (Ant. 3)	4RX (Ant. 3, 5, 7, 8)
n66	1710 ~ 1780	1TX (Ant. 3)	4RX (Ant. 3, 5, 7, 8)
n77	3300 ~ 4200	2TX (Ant. 3 & Ant. 5)	4RX (Ant. 1, 3, 5, 6)

External Antenna			
Antenna Type		Omni-directional	
Antenna Connector		SMA	
Brand		Parsec Technologies, Inc.	
Model		PRO2CW 2L	
Band	Freq. Range (MHz)	Gain (dBi)	
		Ant. 3	Ant. 5
LTE B2	1850 ~ 1910	3.5	-
LTE B4	1710 ~ 1755	3.5	-
LTE B30	2305 ~ 2315	4	-
LTE B66	1710 ~ 1780	3.5	-
n2	1850 ~ 1910	3.5	-
n30	2305 ~ 2315	4	-
n66	1710 ~ 1780	3.5	-
n77	3300 ~ 4200	4.5	4.5

External Antenna			
Band	Freq. Range (MHz)	TX & RX Configuration	
		LTE B2	1850 ~ 1910
LTE B4	1710 ~ 1755	1TX (Ant. 3)	1RX (Ant. 3)
LTE B30	2305 ~ 2315	1TX (Ant. 3)	1RX (Ant. 3)
LTE B66	1710 ~ 1780	1TX (Ant. 3)	1RX (Ant. 3)
n2	1850 ~ 1910	1TX (Ant. 3)	1RX (Ant. 3)
n30	2305 ~ 2315	1TX (Ant. 3)	1RX (Ant. 3)
n66	1710 ~ 1780	1TX (Ant. 3)	1RX (Ant. 3)
n77	3300 ~ 4200	2TX (Ant. 3, 5)	2RX (Ant. 3, 5)

*The above Antenna information is declared by manufacturer and for more detailed features description, please refer to the manufacturer's specifications, the laboratory shall not be held responsible.

3.3 Test Mode Applicability and Tested Channel Detail

Pre-Scan:	The EUT is designed to be positioned on the Z-axis only. External antenna is designed to be positioned on the Y-axis only.
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EUT Configure Mode	Description
A	EUT with internal antenna
B	EUT with external antenna

For NR n2

Test Item	EUT Configure Mode	Tested Channel	Channel Bandwidth	Modulation	Mode
EIRP	A, B	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
	A, B	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
	A, B	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
	A, B	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
Modulation Characteristics	A	376000 (1880.00 MHz)	20 MHz	BPSK / QPSK / 16QAM / 64QAM / 256QAM	Full RB
Peak to Average Ratio	A	370500 (1852.50 MHz) 376000 (1880.00 MHz) 381500 (1907.50 MHz)	5 MHz	BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB
	A	371000 (1855.00 MHz) 376000 (1880.00 MHz) 381000 (1905.00 MHz)	10 MHz	BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB
	A	371500 (1857.50 MHz) 376000 (1880.00 MHz) 380500 (1902.50 MHz)	15 MHz	BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB
	A	372000 (1860.00 MHz) 376000 (1880.00 MHz) 380000 (1900.00 MHz)	20 MHz	BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB
Occupied Bandwidth	A	370500 (1852.50 MHz) 376000 (1880.00 MHz) 381500 (1907.50 MHz)	5 MHz	BPSK / QPSK / 16QAM / 64QAM / 256QAM	Full RB
	A	371000 (1855.00 MHz) 376000 (1880.00 MHz) 381000 (1905.00 MHz)	10 MHz	BPSK / QPSK / 16QAM / 64QAM / 256QAM	Full RB
	A	371500 (1857.50 MHz) 376000 (1880.00 MHz) 380500 (1902.50 MHz)	15 MHz	BPSK / QPSK / 16QAM / 64QAM / 256QAM	Full RB
	A	372000 (1860.00 MHz) 376000 (1880.00 MHz) 380000 (1900.00 MHz)	20 MHz	BPSK / QPSK / 16QAM / 64QAM / 256QAM	Full RB

Test Item	EUT Configure Mode	Tested Channel	Channel Bandwidth	Modulation	Mode
Conducted Emission	A	370500 (1852.50 MHz) 376000 (1880.00 MHz) 381500 (1907.50 MHz)	5 MHz	QPSK	1 RB Full RB
	A	371000 (1855.00 MHz) 376000 (1880.00 MHz) 381000 (1905.00 MHz)	10 MHz	QPSK	1 RB Full RB
	A	371500 (1857.50 MHz) 376000 (1880.00 MHz) 380500 (1902.50 MHz)	15 MHz	QPSK	1 RB Full RB
	A	372000 (1860.00 MHz) 376000 (1880.00 MHz) 380000 (1900.00 MHz)	20 MHz	QPSK	1 RB Full RB
Radiated Spurious Emissions below 1GHz	A	381500 (1907.50 MHz)	5 MHz	QPSK	1 RB
	B	376000 (1880.00 MHz)	5 MHz	QPSK	1 RB
Radiated Spurious Emissions above 1GHz	A, B	370500 (1852.50 MHz) 376000 (1880.00 MHz) 381500 (1907.50 MHz)	5 MHz	QPSK	1 RB
	A, B	372000 (1860.00 MHz) 376000 (1880.00 MHz) 380000 (1900.00 MHz)	20 MHz	QPSK	1 RB
Frequency Stability	A	370500 (1852.50 MHz) 381500 (1907.50 MHz)	5 MHz	QPSK	Full RB
	A	371000 (1855.00 MHz) 381000 (1905.00 MHz)	10 MHz	QPSK	Full RB
	A	371500 (1857.50 MHz) 380500 (1902.50 MHz)	15 MHz	QPSK	Full RB
	A	372000 (1860.00 MHz) 380000 (1900.00 MHz)	20 MHz	QPSK	Full RB

For NR n5_SCS 15kHz

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

Test Item	EUT Configure Mode	Tested Channel	Channel Bandwidth	Modulation	Mode
Radiated Spurious Emissions below 1GHz	A	167300 (836.50 MHz)	5 MHz	QPSK	1 RB
Radiated Spurious Emissions above 1GHz	A	165300 (826.50 MHz) 167300 (836.50 MHz) 169300 (846.50 MHz)	5 MHz	QPSK	1 RB
	A	166800 (834.00 MHz) 167300 (836.50 MHz) 167800 (839.00 MHz)	20 MHz	QPSK	1 RB
Frequency Stability	A	165300 (826.50 MHz) 169300 (846.50 MHz)	5 MHz	QPSK	Full RB
	A	165800 (829.00 MHz) 168800 (844.00 MHz)	10 MHz	QPSK	Full RB
	A	166300 (831.50 MHz) 168300 (841.50 MHz)	15 MHz	QPSK	Full RB
	A	166800 (834.00 MHz) 167800 (839.00 MHz)	20 MHz	QPSK	Full RB

For NR n14_SCS 15kHz

Test Item	EUT Configure Mode	Tested Channel	Channel Bandwidth	Modulation	Mode
ERP	A	158100 (790.5MHz) 158600 (793.0MHz) 159100 (795.5MHz)	5MHz	BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
	A	158600 (793.0MHz)	10MHz	BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
Modulation characteristics	A	158600 (793.0MHz)	10MHz	BPSK / QPSK / 16QAM / 64QAM / 256QAM	Full RB
Peak to Average Ratio	A	158100 (790.5MHz) 158600 (793.0MHz) 159100 (795.5MHz)	5MHz	BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB
	A	158600 (793.0MHz)	10MHz	BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB
Occupied Bandwidth	A	158100 (790.5MHz) 158600 (793.0MHz) 159100 (795.5MHz)	5MHz	BPSK / QPSK / 16QAM / 64QAM / 256QAM	Full RB
	A	158600 (793.0MHz)	10MHz	BPSK / QPSK / 16QAM / 64QAM / 256QAM	Full RB
Emission Mask	A	158100 (790.5MHz) 158600 (793.0MHz) 159100 (795.5MHz)	5MHz	QPSK	1 RB Half RB Full RB
	A	158600 (793.0MHz)	10MHz	QPSK	1 RB Half RB Full RB
Conducted Emission	A	158100 (790.5MHz) 158600 (793.0MHz) 159100 (795.5MHz)	5MHz	QPSK	1 RB Full RB
	A	158600 (793.0MHz)	10MHz	QPSK	1 RB Full RB
Radiated Spurious Emissions below 1GHz	A	158600 (793.0MHz)	10MHz	QPSK	1 RB
Radiated Spurious Emissions above 1GHz	A	158100 (790.5MHz) 158600 (793.0MHz) 159100 (795.5MHz)	5MHz	QPSK	1 RB
	A	158600 (793.0MHz)	10MHz	QPSK	1 RB
Frequency Stability	A	158100 (790.5MHz) 159100 (795.5MHz)	5MHz	QPSK	Full RB
	A	158600 (793.0MHz)	10MHz	QPSK	Full RB

For NR n30_SCS 15kHz

Test Item	EUT Configure Mode	Tested Channel	Channel Bandwidth	Modulation	Mode
ERP	A, B	461500 (2307.5MHz) 462000 (2310.0MHz) 462500 (2312.5MHz)	5MHz	BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
	A, B	462000 (2310.0MHz)	10MHz	BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
Modulation characteristics	A	462000 (2310.0MHz)	10MHz	BPSK / QPSK / 16QAM / 64QAM / 256QAM	Full RB
Peak to Average Ratio	A	461500 (2307.5MHz) 462000 (2310.0MHz) 462500 (2312.5MHz)	5MHz	BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB
	A	462000 (2310.0MHz)	10MHz	BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB
Occupied Bandwidth	A	461500 (2307.5MHz) 462000 (2310.0MHz) 462500 (2312.5MHz)	5MHz	BPSK / QPSK / 16QAM / 64QAM / 256QAM	Full RB
	A	462000 (2310.0MHz)	10MHz	BPSK / QPSK / 16QAM / 64QAM / 256QAM	Full RB
Conducted Emission	A	461500 (2307.5MHz) 462000 (2310.0MHz) 462500 (2312.5MHz)	5MHz	QPSK	1 RB Full RB
	A	462000 (2310.0MHz)	10MHz	QPSK	1 RB Full RB
Radiated Spurious Emissions below 1GHz	A	462000 (2310.0MHz)	10MHz	QPSK	1 RB
	B	462500 (2312.5MHz)	5MHz	QPSK	1 RB
Radiated Spurious Emissions above 1GHz	A, B	461500 (2307.5MHz) 462000 (2310.0MHz) 462500 (2312.5MHz)	5MHz	QPSK	1 RB
	A, B	462000 (2310.0MHz)	10MHz	QPSK	1 RB
Frequency Stability	A	461500 (2307.5MHz) 462500 (2312.5MHz)	5MHz	QPSK	Full RB
	A	462000 (2310.0MHz)	10MHz	QPSK	Full RB



For NR n66_SCS 15kHz

Test Item	EUT Configure Mode	Tested Channel	Channel Bandwidth	Modulation	Mode
EIRP	A, B	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
	A, B	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
	A, B	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
	A, B	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
	A, B	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
Modulation Characteristics	A	349000 (1745.00 MHz)	40 MHz	BPSK / QPSK / 16QAM / 64QAM / 256QAM	Full RB
Peak to Average Ratio	A	342500 (1712.50 MHz) 349000 (1745.00 MHz) 355500 (1777.50 MHz)	5 MHz	BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB
	A	343000 (1715.00 MHz) 349000 (1745.00 MHz) 355000 (1775.00 MHz)	10 MHz	BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB
	A	343500 (1717.50 MHz) 349000 (1745.00 MHz) 354500 (1772.50 MHz)	15 MHz	BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB
	A	344000 (1720.00 MHz) 349000 (1745.00 MHz) 354000 (1770.00 MHz)	20 MHz	BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB
	A	346000 (1730.00 MHz) 349000 (1745.00 MHz) 352000 (1760.00 MHz)	40 MHz	BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB

Test Item	EUT Configure Mode	Tested Channel	Channel Bandwidth	Modulation	Mode
Occupied Bandwidth	A	342500 (1712.50 MHz) 349000 (1745.00 MHz) 355500 (1777.50 MHz)	5 MHz	BPSK / QPSK / 16QAM / 64QAM / 256QAM	Full RB
	A	343000 (1715.00 MHz) 349000 (1745.00 MHz) 355000 (1775.00 MHz)	10 MHz	BPSK / QPSK / 16QAM / 64QAM / 256QAM	Full RB
	A	343500 (1717.50 MHz) 349000 (1745.00 MHz) 354500 (1772.50 MHz)	15 MHz	BPSK / QPSK / 16QAM / 64QAM / 256QAM	Full RB
	A	344000 (1720.00 MHz) 349000 (1745.00 MHz) 354000 (1770.00 MHz)	20 MHz	BPSK / QPSK / 16QAM / 64QAM / 256QAM	Full RB
	A	346000 (1730.00 MHz) 349000 (1745.00 MHz) 352000 (1760.00 MHz)	40 MHz	BPSK / QPSK / 16QAM / 64QAM / 256QAM	Full RB
Conducted Emission	A	342500 (1712.50 MHz) 349000 (1745.00 MHz) 355500 (1777.50 MHz)	5 MHz	QPSK	1 RB Full RB
	A	343000 (1715.00 MHz) 349000 (1745.00 MHz) 355000 (1775.00 MHz)	10 MHz	QPSK	1 RB Full RB
	A	343500 (1717.50 MHz) 349000 (1745.00 MHz) 354500 (1772.50 MHz)	15 MHz	QPSK	1 RB Full RB
	A	344000 (1720.00 MHz) 349000 (1745.00 MHz) 354000 (1770.00 MHz)	20 MHz	QPSK	1 RB Full RB
	A	346000 (1730.00 MHz) 349000 (1745.00 MHz) 352000 (1760.00 MHz)	40 MHz	QPSK	1 RB Full RB
Radiated Spurious Emissions below 1GHz	A	354000 (1770.00 MHz)	20 MHz	QPSK	1 RB
	B	355500 (1777.50 MHz)	5 MHz	QPSK	1 RB
Radiated Spurious Emissions above 1GHz	A, B	342500 (1712.50 MHz) 349000 (1745.00 MHz) 355500 (1777.50 MHz)	5 MHz	QPSK	1 RB
	A, B	344000 (1720.00 MHz) 349000 (1745.00 MHz) 354000 (1770.00 MHz)	20 MHz	QPSK	1 RB
	A, B	346000 (1730.00 MHz) 349000 (1745.00 MHz) 352000 (1760.00 MHz)	40 MHz	QPSK	1 RB
Frequency Stability	A	342500 (1712.50 MHz) 355500 (1777.50 MHz)	5 MHz	QPSK	Full RB
	A	343000 (1715.00 MHz) 355000 (1775.00 MHz)	10 MHz	QPSK	Full RB
	A	343500 (1717.50 MHz) 354500 (1772.50 MHz)	15 MHz	QPSK	Full RB
	A	344000 (1720.00 MHz) 354000 (1770.00 MHz)	20 MHz	QPSK	Full RB
	A	346000 (1730.00 MHz) 352000 (1760.00 MHz)	40 MHz	QPSK	Full RB

For NR n77 (3450-3550 MHz) _SCS 15kHz

Test Item	EUT Configure Mode	Tested Channel	Channel Bandwidth	Modulation	Mode
EIRP	A	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
	A	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
	A	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
	A	631000 (3465.00 MHz) 633334 (3500.01 MHz) 635666 (3534.99 MHz)	30 MHz	BPSK / QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
	A	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
	A	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

*For n77 (3450-3550 MHz) support SCS 15kHz and 30kHz, SCS 30kHz is the worst for the other tests.

For NR n77 (3450-3550 MHz) _SCS 30kHz

Test Item	EUT Configure Mode	Tested Channel	Channel Bandwidth	Modulation	Mode
EIRP	A, B	630334 (3455.01 MHz) 633334 (3500.01 MHz) 636332 (3544.98 MHz)	10 MHz	QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
	A, B	630500 (3457.50 MHz) 633334 (3500.01 MHz) 636166 (3542.49 MHz)	15 MHz	QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
	A, B	630668 (3460.02 MHz) 633334 (3500.01 MHz) 636000 (3540.00 MHz)	20 MHz	QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
	A, B	631000 (3465.00 MHz) 633334 (3500.01 MHz) 635666 (3534.99 MHz)	30 MHz	QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
	A, B	631334 (3470.01 MHz) 633334 (3500.01 MHz) 635332 (3529.98 MHz)	40 MHz	QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
	A, B	631668 (3475.02 MHz) 633334 (3500.01 MHz) 635000 (3525.00 MHz)	50 MHz	QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
	A, B	632000 (3480.00 MHz) 633334 (3500.01 MHz) 634666 (3519.99 MHz)	60 MHz	QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
	A, B	632334 (3485.01 MHz) 633334 (3500.01 MHz) 634332 (3514.98 MHz)	70 MHz	QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
	A, B	632668 (3490.02 MHz) 633334 (3500.01 MHz) 634000 (3510.00 MHz)	80 MHz	QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
	A, B	633000 (3495.00 MHz) 633334 (3500.01 MHz) 633666 (3504.99 MHz)	90 MHz	QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
	A, B	633334 (3500.01 MHz)	100 MHz	QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
Modulation Characteristics	A	633334 (3500.01 MHz)	100 MHz	QPSK / 16QAM / 64QAM / 256QAM	Full RB

Test Item	EUT Configure Mode	Tested Channel	Channel Bandwidth	Modulation	Mode
Peak to Average Ratio	A	630334 (3455.01 MHz) 633334 (3500.01 MHz) 636332 (3544.98 MHz)	10 MHz	QPSK / 16QAM / 64QAM / 256QAM	1 RB
	A	630500 (3457.50 MHz) 633334 (3500.01 MHz) 636166 (3542.49 MHz)	15 MHz	QPSK / 16QAM / 64QAM / 256QAM	1 RB
	A	630668 (3460.02 MHz) 633334 (3500.01 MHz) 636000 (3540.00 MHz)	20 MHz	QPSK / 16QAM / 64QAM / 256QAM	1 RB
	A	631000 (3465.00 MHz) 633334 (3500.01 MHz) 635666 (3534.99 MHz)	30 MHz	QPSK / 16QAM / 64QAM / 256QAM	1 RB
	A	631334 (3470.01 MHz) 633334 (3500.01 MHz) 635332 (3529.98 MHz)	40 MHz	QPSK / 16QAM / 64QAM / 256QAM	1 RB
	A	631668 (3475.02 MHz) 633334 (3500.01 MHz) 635000 (3525.00 MHz)	50 MHz	QPSK / 16QAM / 64QAM / 256QAM	1 RB
	A	632000 (3480.00 MHz) 633334 (3500.01 MHz) 634666 (3519.99 MHz)	60 MHz	QPSK / 16QAM / 64QAM / 256QAM	1 RB
	A	632334 (3485.01 MHz) 633334 (3500.01 MHz) 634332 (3514.98 MHz)	70 MHz	QPSK / 16QAM / 64QAM / 256QAM	1 RB
	A	632668 (3490.02 MHz) 633334 (3500.01 MHz) 634000 (3510.00 MHz)	80 MHz	QPSK / 16QAM / 64QAM / 256QAM	1 RB
	A	633000 (3495.00 MHz) 633334 (3500.01 MHz) 633666 (3504.99 MHz)	90 MHz	QPSK / 16QAM / 64QAM / 256QAM	1 RB
	A	633334 (3500.01 MHz)	100 MHz	QPSK / 16QAM / 64QAM / 256QAM	1 RB

Test Item	EUT Configure Mode	Tested Channel	Channel Bandwidth	Modulation	Mode
Occupied Bandwidth	A	630334 (3455.01 MHz) 633334 (3500.01 MHz) 636332 (3544.98 MHz)	10 MHz	QPSK / 16QAM / 64QAM / 256QAM	Full RB
	A	630500 (3457.50 MHz) 633334 (3500.01 MHz) 636166 (3542.49 MHz)	15 MHz	QPSK / 16QAM / 64QAM / 256QAM	Full RB
	A	630668 (3460.02 MHz) 633334 (3500.01 MHz) 636000 (3540.00 MHz)	20 MHz	QPSK / 16QAM / 64QAM / 256QAM	Full RB
	A	631000 (3465.00 MHz) 633334 (3500.01 MHz) 635666 (3534.99 MHz)	30 MHz	QPSK / 16QAM / 64QAM / 256QAM	Full RB
	A	631334 (3470.01 MHz) 633334 (3500.01 MHz) 635332 (3529.98 MHz)	40 MHz	QPSK / 16QAM / 64QAM / 256QAM	Full RB
	A	631668 (3475.02 MHz) 633334 (3500.01 MHz) 635000 (3525.00 MHz)	50 MHz	QPSK / 16QAM / 64QAM / 256QAM	Full RB
	A	632000 (3480.00 MHz) 633334 (3500.01 MHz) 634666 (3519.99 MHz)	60 MHz	QPSK / 16QAM / 64QAM / 256QAM	Full RB
	A	632334 (3485.01 MHz) 633334 (3500.01 MHz) 634332 (3514.98 MHz)	70 MHz	QPSK / 16QAM / 64QAM / 256QAM	Full RB
	A	632668 (3490.02 MHz) 633334 (3500.01 MHz) 634000 (3510.00 MHz)	80 MHz	QPSK / 16QAM / 64QAM / 256QAM	Full RB
	A	633000 (3495.00 MHz) 633334 (3500.01 MHz) 633666 (3504.99 MHz)	90 MHz	QPSK / 16QAM / 64QAM / 256QAM	Full RB
	A	633334 (3500.01 MHz)	100 MHz	QPSK / 16QAM / 64QAM / 256QAM	Full RB

Test Item	EUT Configure Mode	Tested Channel	Channel Bandwidth	Modulation	Mode
Conducted Emission	A	630334 (3455.01 MHz) 633334 (3500.01 MHz) 636332 (3544.98 MHz)	10 MHz	QPSK	1 RB Full RB
	A	630500 (3457.50 MHz) 633334 (3500.01 MHz) 636166 (3542.49 MHz)	15 MHz	QPSK	1 RB Full RB
	A	630668 (3460.02 MHz) 633334 (3500.01 MHz) 636000 (3540.00 MHz)	20 MHz	QPSK	1 RB Full RB
	A	631000 (3465.00 MHz) 633334 (3500.01 MHz) 635666 (3534.99 MHz)	30 MHz	QPSK	1 RB Full RB
	A	631334 (3470.01 MHz) 633334 (3500.01 MHz) 635332 (3529.98 MHz)	40 MHz	QPSK	1 RB Full RB
	A	631668 (3475.02 MHz) 633334 (3500.01 MHz) 635000 (3525.00 MHz)	50 MHz	QPSK	1 RB Full RB
	A	632000 (3480.00 MHz) 633334 (3500.01 MHz) 634666 (3519.99 MHz)	60 MHz	QPSK	1 RB Full RB
	A	632334 (3485.01 MHz) 633334 (3500.01 MHz) 634332 (3514.98 MHz)	70 MHz	QPSK	1 RB Full RB
	A	632668 (3490.02 MHz) 633334 (3500.01 MHz) 634000 (3510.00 MHz)	80 MHz	QPSK	1 RB Full RB
	A	633000 (3495.00 MHz) 633334 (3500.01 MHz) 633666 (3504.99 MHz)	90 MHz	QPSK	1 RB Full RB
	A	633334 (3500.01 MHz)	100 MHz	QPSK	1 RB Full RB
Radiated Emission Below 1GHz	A	636332 (3544.98 MHz)	10 MHz	QPSK	1 RB
	B	635000 (3525.00 MHz)	50 MHz	QPSK	1 RB
Radiated Emission Above 1GHz	A, B	630334 (3455.01 MHz) 633334 (3500.01 MHz) 636332 (3544.98 MHz)	10 MHz	QPSK	1 RB
	A, B	631668 (3475.02 MHz) 633334 (3500.01 MHz) 635000 (3525.00 MHz)	50 MHz	QPSK	1 RB
	A, B	633334 (3500.01 MHz)	100 MHz	QPSK	1 RB

Test Item	EUT Configure Mode	Tested Channel	Channel Bandwidth	Modulation	Mode
Frequency Stability	A	630334 (3455.01 MHz) 636332 (3544.98 MHz)	10 MHz	QPSK	Full RB
	A	630500 (3457.50 MHz) 636166 (3542.49 MHz)	15 MHz	QPSK	Full RB
	A	630668 (3460.02 MHz) 636000 (3540.00 MHz)	20 MHz	QPSK	Full RB
	A	631000 (3465.00 MHz) 635666 (3534.99 MHz)	30 MHz	QPSK	Full RB
	A	631334 (3470.01 MHz) 635332 (3529.98 MHz)	40 MHz	QPSK	Full RB
	A	631668 (3475.02 MHz) 635000 (3525.00 MHz)	50 MHz	QPSK	Full RB
	A	632000 (3480.00 MHz) 634666 (3519.99 MHz)	60 MHz	QPSK	Full RB
	A	632334 (3485.01 MHz) 634332 (3514.98 MHz)	70 MHz	QPSK	Full RB
	A	632668 (3490.02 MHz) 634000 (3510.00 MHz)	80 MHz	QPSK	Full RB
	A	633000 (3495.00 MHz) 633666 (3504.99 MHz)	90 MHz	QPSK	Full RB
	A	633334 (3500.01 MHz)	100 MHz	QPSK	Full RB

For NR n77 (3700-3980 MHz) _SCS 15kHz

Test Item	EUT Configure Mode	Tested Channel	Channel Bandwidth	Modulation	Mode
EIRP	A	647000 (3705.00 MHz) 656000 (3840.00 MHz) 665000 (3975.00 MHz)	10 MHz	QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
	A	647168 (3707.52 MHz) 656000 (3840.00 MHz) 664832 (3972.48 MHz)	15 MHz	QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
	A	647334 (3710.01 MHz) 656000 (3840.00 MHz) 664666 (3969.99 MHz)	20 MHz	QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
	A	647668 (3715.02 MHz) 656000 (3840.00 MHz) 665666 (3964.98 MHz)	30 MHz	QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
	A	648000 (3720.00 MHz) 656000 (3840.00 MHz) 664000 (3960.00 MHz)	40 MHz	QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
	A	648334 (3725.01 MHz) 656000 (3840.00 MHz) 663666 (3954.99 MHz)	50 MHz	QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB

*For n77 (3700~3980 MHz) support SCS 15kHz and 30kHz, SCS 30kHz is the worst for the other tests.

For NR n77 (3700-3980 MHz) _SCS 30kHz

Test Item	EUT Configure Mode	Tested Channel	Channel Bandwidth	Modulation	Mode
EIRP	A, B	647000 (3705.00 MHz) 656000 (3840.00 MHz) 665000 (3975.00 MHz)	10 MHz	QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
	A, B	647168 (3707.52 MHz) 656000 (3840.00 MHz) 664832 (3972.48 MHz)	15 MHz	QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
	A, B	647334 (3710.01 MHz) 656000 (3840.00 MHz) 664666 (3969.99 MHz)	20 MHz	QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
	A, B	647668 (3715.02 MHz) 656000 (3840.00 MHz) 664332 (3964.98 MHz)	30 MHz	QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
	A, B	648000 (3720.00 MHz) 656000 (3840.00 MHz) 664000 (3960.00 MHz)	40 MHz	QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
	A, B	648334 (3725.01 MHz) 656000 (3840.00 MHz) 663666 (3954.99 MHz)	50 MHz	QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
	A, B	648668 (3730.02 MHz) 656000 (3840.00 MHz) 663332 (3949.98 MHz)	60 MHz	QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
	A, B	649000 (3735.00 MHz) 656000 (3840.00 MHz) 663000 (3945.00 MHz)	70 MHz	QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
	A, B	649334 (3740.01 MHz) 656000 (3840.00 MHz) 662666 (3939.99 MHz)	80 MHz	QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
	A, B	649668 (3745.02 MHz) 656000 (3840.00 MHz) 662332 (3934.98 MHz)	90 MHz	QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
	A, B	650000 (3750.00 MHz) 656000 (3840.00 MHz) 662000 (3930.00 MHz)	100 MHz	QPSK / 16QAM / 64QAM / 256QAM	1 RB Half RB Full RB
Modulation Characteristics	A	656000 (3840.00 MHz)	100 MHz	QPSK / 16QAM / 64QAM / 256QAM	Full RB

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

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

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

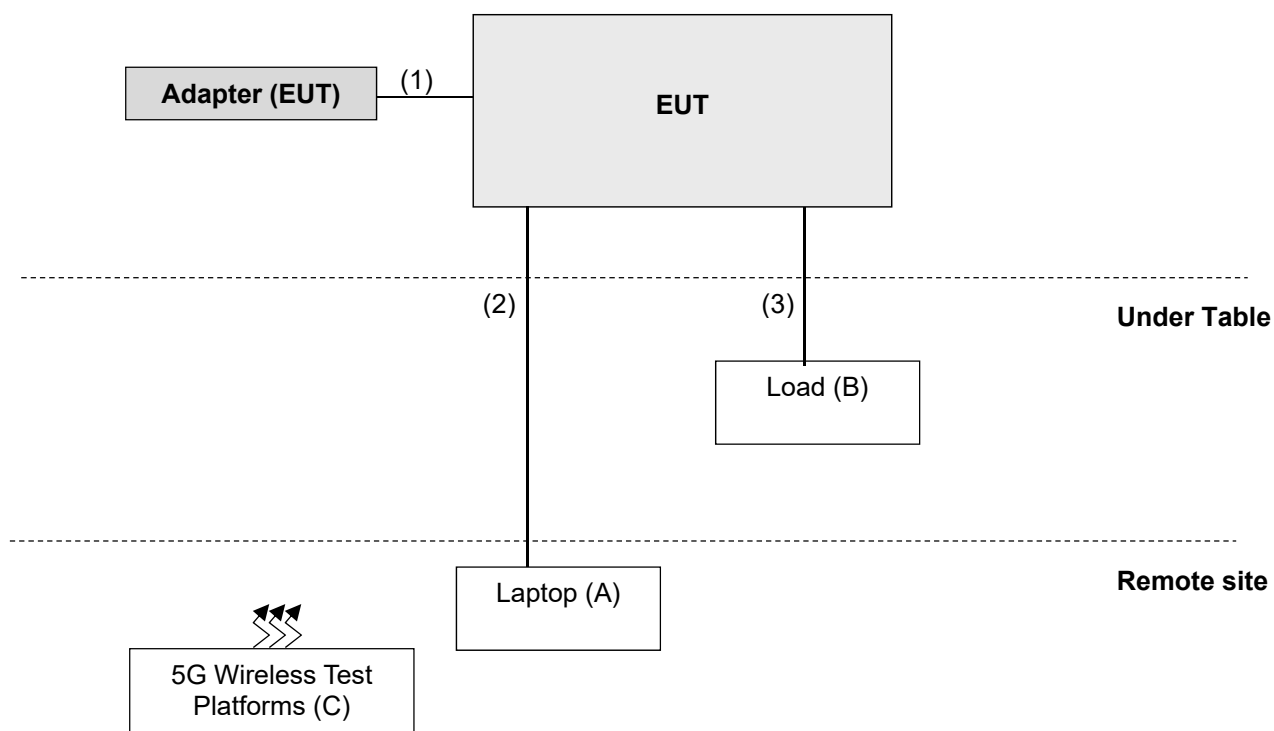
Test Item	EUT Configure Mode	Tested Channel	Channel Bandwidth	Modulation	Mode
Frequency Stability	A	647000 (3705.00 MHz) 665000 (3975.00 MHz)	10 MHz	QPSK	Full RB
	A	647168 (3707.52 MHz) 664832 (3972.48 MHz)	15 MHz	QPSK	Full RB
	A	647334 (3710.01 MHz) 664666 (3969.99 MHz)	20 MHz	QPSK	Full RB
	A	647668 (3715.02 MHz) 665666 (3964.98 MHz)	30 MHz	QPSK	Full RB
	A	648000 (3720.00 MHz) 664000 (3960.00 MHz)	40 MHz	QPSK	Full RB
	A	648334 (3725.01 MHz) 663666 (3954.99 MHz)	50 MHz	QPSK	Full RB
	A	648668 (3730.02 MHz) 663332 (3949.98 MHz)	60 MHz	QPSK	Full RB
	A	649000 (3735.00 MHz) 663000 (3945.00 MHz)	70 MHz	QPSK	Full RB
	A	649334 (3740.01 MHz) 662666 (3939.99 MHz)	80 MHz	QPSK	Full RB
	A	649668 (3745.02 MHz) 662332 (3934.98 MHz)	90 MHz	QPSK	Full RB
	A	650000 (3750.00 MHz) 662000 (3930.00 MHz)	100 MHz	QPSK	Full RB

3.4 Test Program Used and Operation Descriptions

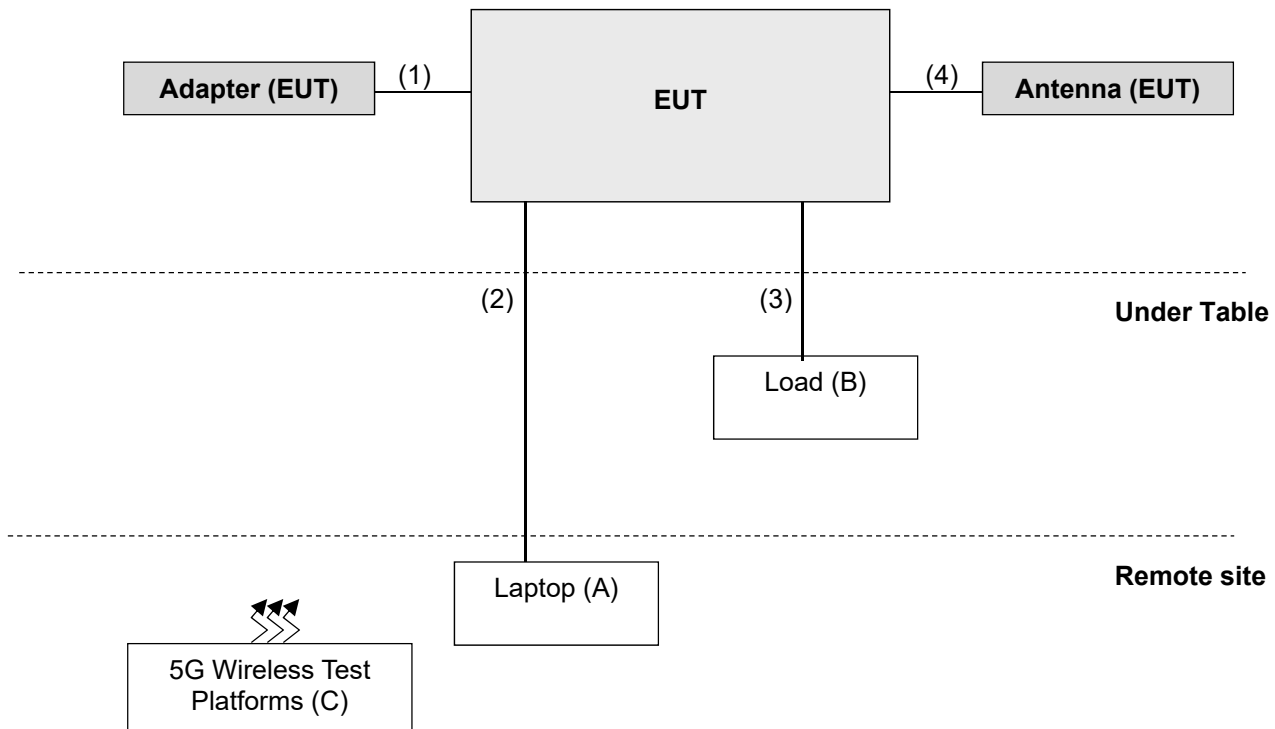
There is no need to controlling software during the test, and the EUT can be paired with the 5G Wireless Test Platforms to test the connection when it is powered on.

3.5 Connection Diagram of EUT and Peripheral Devices

Test Mode A



Test Mode B



3.6 Configuration of Peripheral Devices and Cable Connections

ID	Product	Brand	Model No.	Serial No.	FCC ID	Remarks
A	Laptop	DELL	Inspiron 14R	8LRKKW1	NA	Provided by Lab
B	Load	NA	NA	NA	NA	-
C	5G Wireless Test Platforms	Keysight	E7515B	MY60102114	N/A	Provided by Lab

ID	Cable Descriptions	Qty.	Length (m)	Shielding (Yes/No)	Cores (Qty.)	Remarks
1	DC Cable	1	1.5	N	0	Accessory of EUT
2	LAN Cable	1	10	N	0	Provided by Lab
3	LAN Cable	3	1.8	N	0	Provided by Lab
4	ANT Cable	1	4.5	Y	0	Accessory of EUT

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	2024/3/5
5G Wireless Test Platforms Keysight	E7515B	MY60102114	2023/5/18	2024/5/17
Software BV	ADT_RF Test Software V7.6.5.4	N/A	N/A	N/A

Notes:

1. The test was performed in Oven room.
2. Tested Date: 2023/11/10 ~ 2023/11/23

Description Manufacturer	Model No.	Serial No.	Calibrated Date	Calibrated Until
Antenna Tower & Turn Max-Full	MFA-440H	AT93021705	N/A	N/A
Boresight antenna tower fixture BV	BAF-02	7	N/A	N/A
EXA Signal Analyzer Agilent	N9010A	MY52220207	2023/1/3	2024/1/2
Horn Antenna Schwarzbeck	BBHA 9120D	9120D-969	2023/11/12	2024/11/11
	BBHA 9170	148	2023/11/12	2024/11/11
MXE EMI Receiver Keysight	N9038A	MY55420137	2023/5/3	2024/5/2
Notch Filter Micro-Tronics	BRM17690	004	2023/1/11	2024/1/10
	BRM50716	060	2023/1/11	2024/1/10
Preamplifier EMCI	EMC 012645	980115	2023/9/27	2024/9/26
	EMC 184045	980116	2023/9/27	2024/9/26
RF Coaxial Cable EMCI	EMC102-KM-KM-600	150928	2023/7/8	2024/7/7
	EMC102-KM-KM-3000	150929	2023/7/8	2024/7/7
	EMC104-SM-SM- 8000+3000	171005	2023/9/27	2024/9/26
RF Coaxial Cable HUBER+SUHNER	SUCOFLEX 104	EMC104-SM-SM- 1000(140807)	2023/9/27	2024/9/26
Software BV ADT	ADT_Radiated_ V7.6.15.9.5	N/A	N/A	N/A
Turn Table Max-Full	MFT-201SS	N/A	N/A	N/A
Turn Table Controller Max-Full	MG-7802	N/A	N/A	N/A

Notes:

1. The test was performed in HY - 966 chamber 5.
2. Tested Date: 2023/12/7 ~ 2023/12/12

4.2 Modulation Characteristics

Refer to section 4.1 to get information of the instruments.

4.3 Peak to Average Ratio

Refer to section 4.1 to get information of the instruments.

4.4 Bandwidth

Refer to section 4.1 to get information of the instruments.

4.5 Conducted Spurious Emissions

Refer to section 4.1 to get information of the instruments.

4.6 Radiated Spurious Emissions below 1GHz

Description Manufacturer	Model No.	Serial No.	Calibrated Date	Calibrated Until
Antenna Tower & Turn Max-Full	MFA-440H	AT93021705	N/A	N/A
Bi_Log Antenna Schwarzbeck	VULB 9168	9168-472	2023/10/16	2024/10/15
EXA Signal Analyzer Agilent	N9010A	MY52220207	2023/1/3	2024/1/2
Loop Antenna Electro-Metrics	EM-6879	269	2023/9/23	2024/9/22
Loop Antenna TESEQ	HLA 6121	45745	2023/8/8	2024/8/7
MXE EMI Receiver Keysight	N9038A	MY55420137	2023/5/3	2024/5/2
Preamplifier EMCI	EMC 330H	980112	2023/9/27	2024/9/26
	EMC001340	980201	2023/9/27	2024/9/26
RF Coaxial Cable EMCI	5D-NM-BM	140903+140902	2023/1/7	2024/1/6
RF Coaxial Cable Woken	8D-FB	Cable-Ch10-01	2023/9/27	2024/9/26
Software BV ADT	ADT_Radiated_ V7.6.15.9.5	N/A	N/A	N/A
Turn Table Max-Full	MFT-201SS	N/A	N/A	N/A
Turn Table Controller Max-Full	MG-7802	N/A	N/A	N/A

Notes:

1. The test was performed in HY - 966 chamber 5.
2. Tested Date: 2023/12/12 ~ 2023/12/13

4.7 Radiated Spurious Emissions above 1GHz

Description Manufacturer	Model No.	Serial No.	Calibrated Date	Calibrated Until
Antenna Tower & Turn Max-Full	MFA-440H	AT93021705	N/A	N/A
Boresight antenna tower fixture BV	BAF-02	7	N/A	N/A
EXA Signal Analyzer Agilent	N9010A	MY52220207	2023/1/3	2024/1/2
Horn Antenna Schwarzbeck	BBHA 9120D	9120D-969	2023/11/12	2024/11/11
	BBHA 9170	148	2023/11/12	2024/11/11
MXE EMI Receiver Keysight	N9038A	MY55420137	2023/5/3	2024/5/2
Notch Filter Micro-Tronics	BRM17690	004	2023/1/11	2024/1/10
	BRM50716	060	2023/1/11	2024/1/10
Preamplifier EMCI	EMC 012645	980115	2023/9/27	2024/9/26
	EMC 184045	980116	2023/9/27	2024/9/26
RF Coaxial Cable EMCI	EMC102-KM-KM-600	150928	2023/7/8	2024/7/7
	EMC102-KM-KM-3000	150929	2023/7/8	2024/7/7
	EMC104-SM-SM- 8000+3000	171005	2023/9/27	2024/9/26
RF Coaxial Cable HUBER+SUHNER	SUCOFLEX 104	EMC104-SM-SM- 1000(140807)	2023/9/27	2024/9/26
Software BV ADT	ADT_Radiated_ V7.6.15.9.5	N/A	N/A	N/A
Turn Table Max-Full	MFT-201SS	N/A	N/A	N/A
Turn Table Controller Max-Full	MG-7802	N/A	N/A	N/A

Notes:

- The test was performed in HY - 966 chamber 5.
- Tested Date: 2023/12/7 ~ 2023/12/12

4.8 Frequency Stability

Description Manufacturer	Model No.	Serial No.	Calibrated Date	Calibrated Until
AC Power Supply Extech	6905S	1991553	N/A	N/A
Digital Multimeter Fluke	87-III	70360742	2023/07/06	2024/07/05
Software BV	ADT_RF Test Software V6.6.5.4	N/A	N/A	N/A
Spectrum Analyzer R&S	FSV40	100980	2023/05/03	2024/05/02
Temperature & Humidity Chamber TERCHY	HRM-120RF	931022	2022/12/27	2023/12/26
Radio Communication Analyzer Anritsu	MT8821C	6201462755	2023/3/3	2024/3/2

Notes:

- The test was performed in Oven room.
- Tested Date: 2023/12/7 ~ 2023/12/12

5 Limits of Test Items

5.1 Effective Radiated Power and Equivalent Isotropically Radiated Power

For NR n2:

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 n14:

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

For NR n30:

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

For NR n66:

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

For NR n77 (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 Modulation Characteristics

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

5.3 Peak to Average Ratio

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

5.4 Bandwidth

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

5.5 Conducted Spurious Emissions

For NR n2, NR n5:

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 n14:

According to FCC 47 CFR part 90.543 (e), for operations in the 758-768 MHz and the 788-798 MHz bands, the power of any emission outside the licensee's frequency band(s) of operation shall be attenuated below the transmitter power (P) within the licensed band(s) of operation, measured in watts, in accordance with the following:

- (1) On all frequencies between 769-775 MHz and 799-805 MHz, by a factor not less than $65 + 10 \log(P)$ dB in a 6.25 kHz band segment, for mobile and portable stations.
- (2) On any frequency between 775-788 MHz, above 805 MHz, and below 758 MHz, by at least $43 + 10 \log(P)$ dB.

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

For NR n30:

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

- (i) By a factor of not less than: $43 + 10 \log(P)$ dB on all frequencies between 2305 MHz and 2320 MHz and on all frequencies between 2345 MHz and 2360 MHz that are outside the licensed band(s) of operation, not less than $55 + 10 \log(P)$ dB on all frequencies between 2320 MHz and 2324 MHz and on all frequencies between 2341 MHz and 2345 MHz, not less than $61 + 10 \log(P)$ dB on all frequencies between 2324 MHz and 2328 MHz and on all frequencies between 2337 MHz and 2341 MHz, and not less than $67 + 10 \log(P)$ dB on all frequencies between 2328 MHz and 2337 MHz;
- (ii) By a factor of not less than $43 + 10 \log(P)$ dB on all frequencies between 2300 MHz and 2305 MHz, $55 + 10 \log(P)$ dB on all frequencies between 2296 MHz and 2300 MHz, $61 + 10 \log(P)$ dB on all frequencies between 2292 MHz and 2296 MHz, $67 + 10 \log(P)$ dB on all frequencies between 2288 MHz and 2292 MHz, and $70 + 10 \log(P)$ dB below 2288 MHz;
- (iii) By a factor of not less than $43 + 10 \log(P)$ dB on all frequencies between 2360 MHz and 2365 MHz, and not less than $70 + 10 \log(P)$ dB above 2365 MHz.
- (iv) Compliance with these rules is based on the use of measurement instrumentation employing a resolution bandwidth of 1 MHz or greater. However, in the 1 MHz bands immediately outside and adjacent to the channel blocks at 2305 MHz, 2310 MHz, 2315 MHz, 2320 MHz, 2345 MHz, 2350 MHz, 2355 MHz, and 2360 MHz, a resolution bandwidth of at least 1 percent of the emission bandwidth of the fundamental emission of the transmitter may be employed.

For NR n66:

According to FCC 47 CFR part 27.53(h), for operations in the 1695-1710 MHz, 1710-1755 MHz, 1755-1780 MHz, 1915-1920 MHz, 1995-2000 MHz, 2000-2020 MHz, 2110-2155 MHz, 2155-2180 MHz, and 2180-2200 MHz bands, the power of any emission outside a licensee's frequency block shall be attenuated below the transmitter power (P) in watts by at least $43 + 10 \log(P)$ dB. However, in the 1 megahertz bands immediately outside and adjacent to the licensee's frequency block, a resolution bandwidth of at least one percent of the emission bandwidth of the fundamental emission of the transmitter may be employed.

For NR 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. Compliance with this paragraph (n)(2) is based on the use of measurement instrumentation employing a resolution bandwidth of 1 megahertz or greater. However, in the 1 megahertz bands immediately outside and adjacent to the licensee's frequency block, a resolution bandwidth of at least one percent of the emission bandwidth of the fundamental emission of the transmitter may be employed, but limited to a maximum of 200 kHz. In the bands between 1 and 5 MHz removed from the licensee's frequency block, the minimum resolution bandwidth for the measurement shall be 500 kHz.

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. Compliance with this paragraph (l)(2) is based on the use of measurement instrumentation employing a resolution bandwidth of 1 megahertz or greater. However, in the 1 megahertz bands immediately outside and adjacent to the licensee's frequency block, the minimum resolution bandwidth for the measurement shall be either one percent of the emission bandwidth of the fundamental emission of the transmitter or 350 kHz. In the bands between 1 and 5 MHz removed from the licensee's frequency block, the minimum resolution bandwidth for the measurement shall be 500 kHz.

5.6 Radiated Spurious Emissions below 1GHz

For NR n2, NR n5:

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 n14:

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

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

For NR n30:

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

For NR n66:

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

For NR n77 (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.

5.7 Radiated Spurious Emissions above 1GHz

For NR n2, NR n5:

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 n14:

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

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

For NR n30:

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

For NR n66:

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

For NR n77 (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.

5.8 Frequency Stability

For NR n5:

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

For NR n2, NR n14, NR n30, NR n66, NR n77 (3450-3550 MHz), NR n77 (3700-3980 MHz):

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

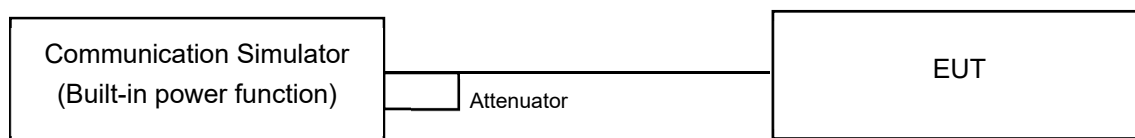
6 Test Arrangements

6.1 Effective Radiated Power and Equivalent Isotropically Radiated Power

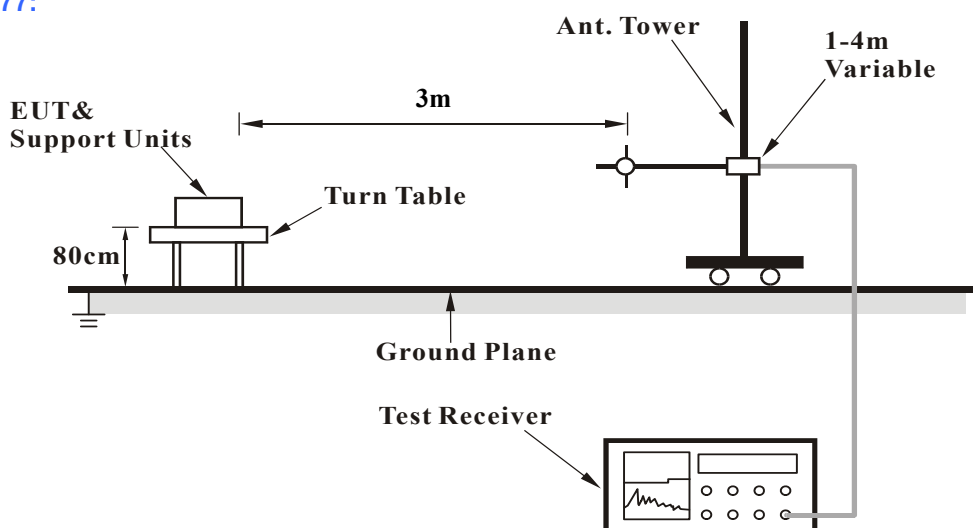
6.1.1 Test Setup

For NR n2, NR n5, NR n14, NR n30, NR n66:

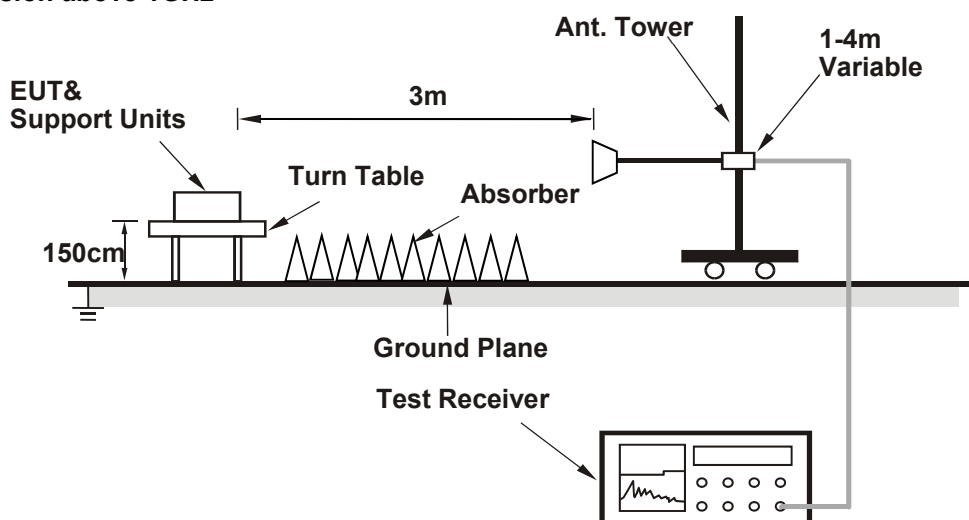
Conducted Power Measurement:



For NR n30, NR n77:



For radiated emission above 1GHz



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

6.1.2 Test Procedure

For NR n2, NR n5, NR n14, NR n30, NR n66:

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.

- a. Set span to $2 \times$ to $3 \times$ the OBW.
- b. Set RBW = 1% to 5% of the OBW.
- c. Set VBW $\geq 3 \times$ RBW.
- d. Set number of measurement points in sweep $\geq 2 \times$ span / RBW.
- e. Set Sweep time = auto-couple.
- f. Detector = power averaging (rms).
- g. Set sweep trigger to "free run."
- h. Trace average at least 100 traces in power averaging (rms) mode.
- i. Compute power by integrating the spectrum across the OBW of the signal using the instrument's band or channel power measurement function with band/channel limits set equal to the OBW band edges.
- j. If Duty cycle < 98%, Add $10 \log (1/\text{duty cycle})$ to the measured power level to compute the average power during continuous transmission.

Maximum EIRP / ERP

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

$$\text{EIRP} = P_{\text{Meas}} + G_T$$

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

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

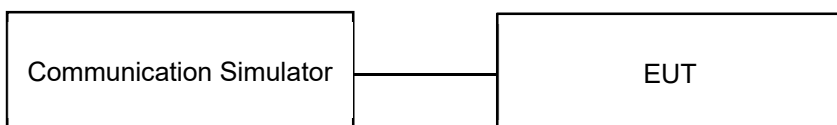
G_T gain of the transmitting antenna, in dBd (ERP) or dBi (EIRP)

For NR n30, NR n77:

- 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 $\geq 3 \times$ RBW.
- d. Set number of points in sweep $\geq 2 \times$ 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 $\geq 98\%$), 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 10M, 20M and 40M. For full power method, channel power integrating bandwidth 10MHz is used for bandwidth 10M, integrating bandwidth 20MHz is used for bandwidth 20M, integrating bandwidth 40MHz is used for bandwidth 40M.
- l. Substitution method is used for E.I.R.P measurement. 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 = Output power level of S.G – TX cable loss + Antenna gain of substitution horn. E.R.P power can be calculated from E.I.R.P power by subtracting the gain of dipole, E.R.P power = E.I.R.P power - 2.15 dB. Correction Factor (includes EIRP and ERP unit conversion factor) = Antenna gain of substitution horn. – Tx cable loss.
- n. Measurement method refers to ANSI C63.26 section 5.2.7 & 5.2.4.

6.2 Modulation Characteristics

6.2.1 Test Setup

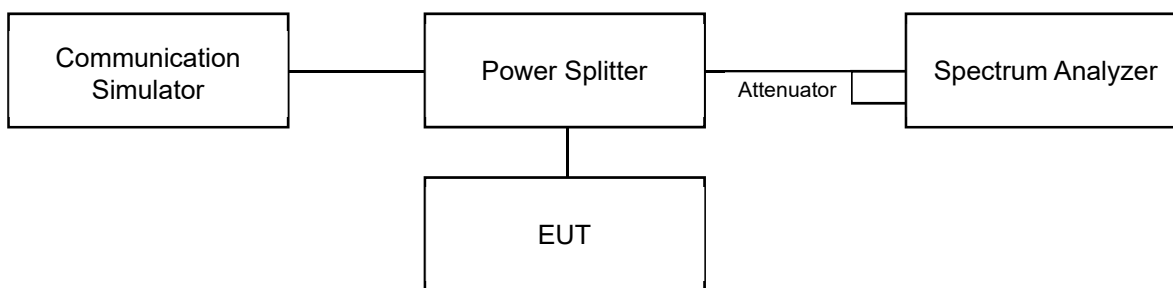


6.2.2 Test Procedure

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

6.3 Peak to Average Ratio

6.3.1 Test Setup

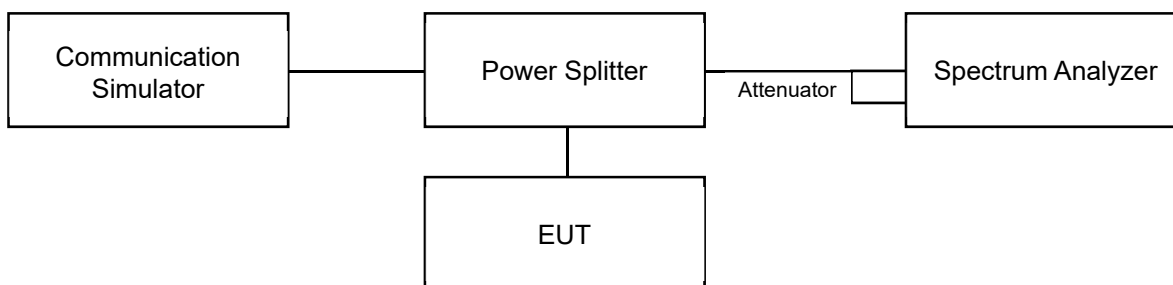


6.3.2 Test Procedure

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

6.4 Bandwidth

6.4.1 Test Setup



6.4.2 Test Procedure

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

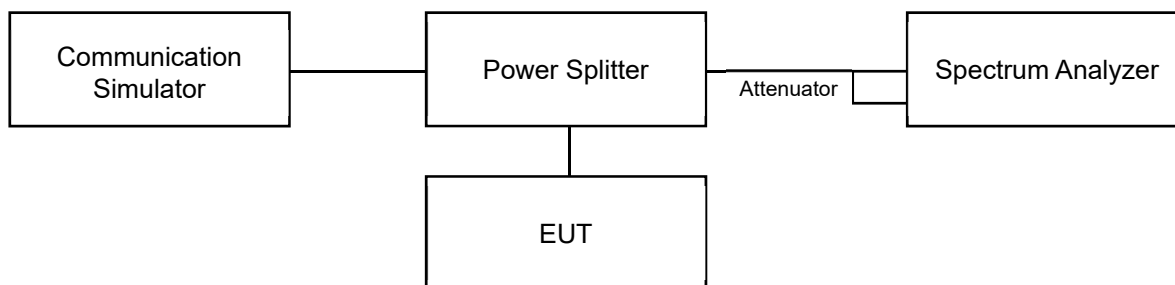
- a. The spectrum analyzer center frequency is set to the nominal EUT channel center frequency. The span range for the spectrum analyzer shall be wide enough to see sufficient roll off of the signal to make the measurement.
- b. The nominal RBW shall be in the range of 1% to 5% of the anticipated OBW,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

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

- a. The spectrum analyzer center frequency is set to the nominal EUT channel center frequency. The span range for the spectrum analyzer shall be wide enough to see sufficient roll off of the signal to make the measurement.
- b. The nominal RBW shall be in the range of 1% to 5% of the anticipated OBW, and the VBW shall be set $\geq 3 \times$ RBW.
- c. Set the reference level of the instrument as required to prevent the signal amplitude from exceeding the maximum spectrum analyzer input mixer level for linear operation. See guidance provided in 4.2.3.
- d. The dynamic range of the spectrum analyzer at the selected RBW shall be more than 10 dB below the target “-X dB” requirement, i.e., if the requirement calls for measuring the -26 dB OBW, the spectrum analyzer noise floor at the selected RBW shall be at least 36 dB below the reference level.
- e. Set spectrum analyzer detection mode to peak, and the trace mode to max hold.
- f. Determine the reference value by either of the following:
 - g. 1) Set the EUT to transmit a modulated signal. Allow the trace to stabilize. Set the spectrum analyzer marker to the highest level of the displayed trace (this is the reference value).
 - h. 2) Set the EUT to transmit an unmodulated carrier. Set the spectrum analyzer marker to the level of the carrier.
- i. Determine the “-X dB amplitude” as equal to (Reference Value - X). Alternatively, this calculation can be performed on the spectrum analyzer using the delta-marker measurement function.
- j. If the reference value was determined using an unmodulated carrier, turn the EUT modulation on, then either clear the existing trace or start a new trace on the spectrum analyzer and allow the new trace to stabilize. Otherwise the trace from step f) shall be used for step i).
- k. Place two markers, one at the lowest and the other at the highest frequency of the envelope of the spectral display such that each marker is at or slightly below the “-X dB amplitude” determined in step f). If a marker is below this “-X dB amplitude” value it should be as close as possible to this value. The OBW is the positive frequency difference between the two markers. The spectral envelope can cross the “-X dB amplitude” at multiple points. The lowest or highest frequency shall be selected as the frequencies that are the farthest away from the center frequency at which the spectral envelope crosses the “-X dB amplitude.”
- l. The OBW shall be reported by providing plot(s) of the measuring instrument display, to include markers depicting the relevant frequency and amplitude information (e.g., marker table). The frequency and amplitude axis and scale shall be clearly labeled. Tabular data may be reported in addition to the plot(s).

6.5 Conducted Spurious Emissions

6.5.1 Test Setup



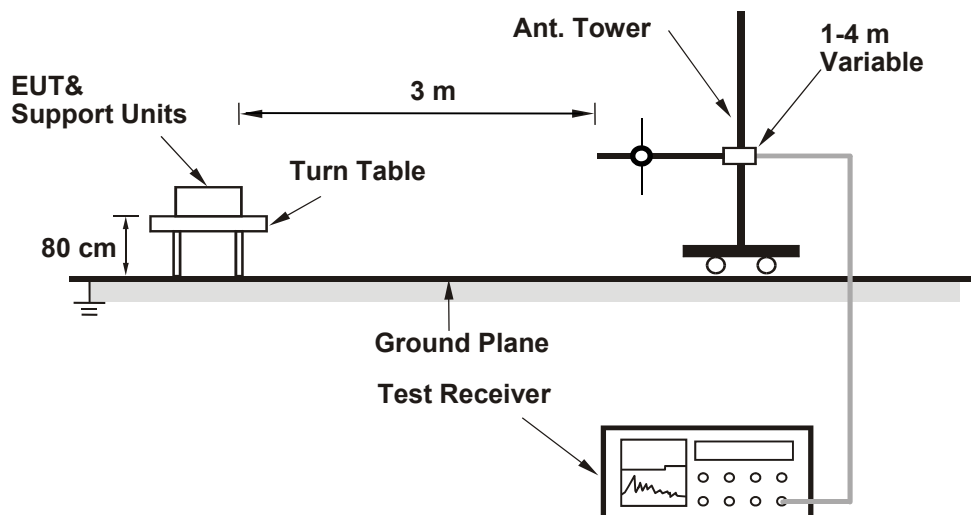
6.5.2 Test Procedure

- a. Measurement refer to ANSI C63.26 section 5.7.
- b. All measurements were done at 3 channels: low, middle and high operational frequency range.
- c. Measuring frequency range is from 9 kHz up to the tenth harmonic of the highest fundamental frequency or to 40 GHz, whichever is lower. 20 dB attenuation pad is connected with spectrum.
- d. The fundamental frequency above 1 GHz, the spectrum set RBW = 1 MHz, VBW = 3 MHz, Detector = Average.
- e. The fundamental frequency below 1 GHz, the spectrum set RBW \geq 100 kHz, VBW \geq 3 x RBW, Detector = Average.
- f. Measuring frequency band edge, narrow RBW (no less than 1% of the OBW) is used for conducted emission measurement.

6.6 Radiated Spurious Emissions below 1GHz

6.6.1 Test Setup

For radiated emission 30 MHz to 1 GHz



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

6.6.2 Test Procedure

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

- 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.
- 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.
- 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.
- Following C63.26 section 5.5 and 5.2.7
- $EIRP (dBm) = E (dB\mu V/m) + 20\log(D) - 104.8$; where D is the measurement distance (in the far field region) in m.
- $ERP (dBm) = E (dB\mu V/m) + 20\log(D) - 104.8 - 2.15$; where D is the measurement distance (in the far field region) in m.

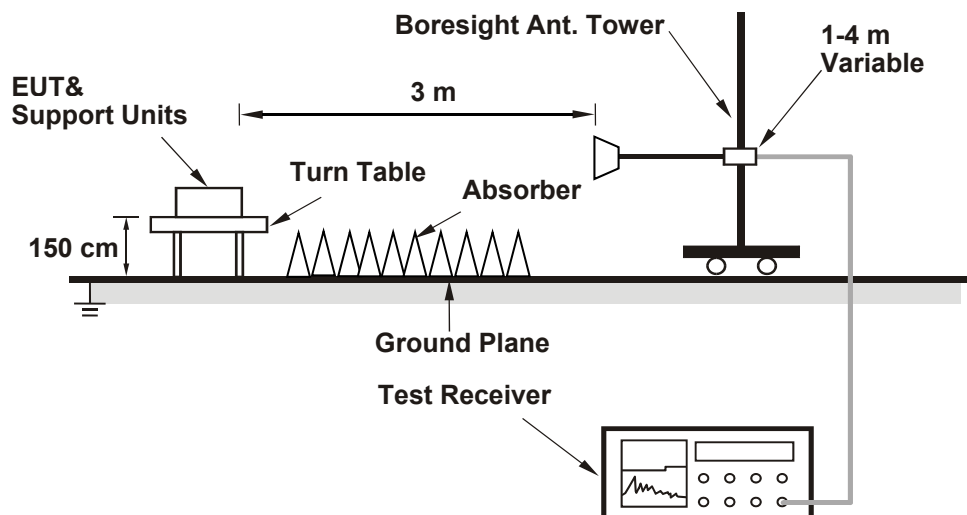
Note:

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

6.7 Radiated Spurious Emissions above 1GHz

6.7.1 Test Setup

For radiated emission above 1 GHz



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

6.7.2 Test Procedure

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

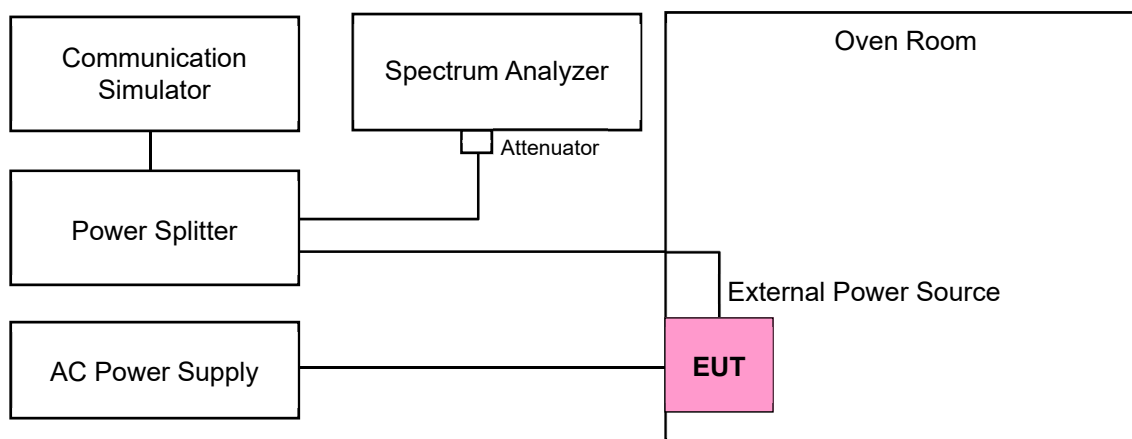
- In the semi-anechoic chamber, EUT placed on the 1.5 m height of turn table, rotated the table around 360 degrees to search the maximum radiation power and receiver antenna shall be rotated vertical and horizontal polarization and moved height from 1 m to 4 m to find the maximum polar radiated power. The "Read Value" is the spectrum reading the maximum power value.
- 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.
- 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.
- Following C63.26 section 5.5 and 5.2.7
- $EIRP (dBm) = E (dB\mu V/m) + 20\log(D) - 104.8$; where D is the measurement distance (in the far field region) in m.
- $ERP (dBm) = E (dB\mu V/m) + 20\log(D) - 104.8 - 2.15$; where D is the measurement distance (in the far field region) in m.

Note:

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

6.8 Frequency Stability

6.8.1 Test Setup



6.8.2 Test Procedure

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

- Device is placed at the oven room. The oven room could control the temperatures and humidity. Power warm up is at least 15 min and power applied should perform before recording frequency error.
- EUT is connected the external power supply to control the AC input power. The test voltage range is from minimum to maximum working voltage. Each step shall be record the frequency error rate.
- The temperature range step is 10 degrees in this test items. All temperature levels shall be hold the $\pm 0.5^\circ\text{C}$ during the measurement testing. The each temperature step shall be at least 0.5 hours, consider the EUT could be test under the stability condition.

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

7 Test Results of Test Item

7.1 Effective Radiated Power and Equivalent Isotropically Radiated Power

Input Power:	120 Vac, 60 Hz	Environmental Conditions:	21°C, 70% RH	Tested By:	James Yang
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7.1.1 NR n2 SCS 15 kHz

Mode A

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	23.55	23.63	23.50
		1	53	23.38	23.43	23.51
		1	104	23.31	23.53	23.43
		50	0	23.06	22.88	23.33
		50	28	23.57	23.43	23.60
		50	56	22.75	23.07	22.92
		100	0	22.92	23.08	23.21
20M	DFT-S QPSK	1	1	23.48	23.47	23.59
		1	53	23.45	23.48	23.48
		1	104	23.36	23.53	23.39
		50	0	22.53	22.23	22.92
		50	28	23.34	23.58	23.30
		50	56	22.16	22.63	22.44
		100	0	22.35	22.50	22.72
20M	DFT-S 16QAM	1	1	23.02	22.69	22.88
20M	DFT-S 64QAM	1	1	21.26	21.41	21.55
20M	DFT-S 256QAM	1	1	19.26	19.35	19.14
20M	CP QPSK	1	1	21.88	22.25	22.11

Maximum Output Power			
Modulation	Cond. Power (dBm)	EIRP (dBm)	EIRP Limit (dBm)
BPSK	23.63	24.63	30
QPSK	23.59	24.59	30
16QAM	23.02	24.02	30
64QAM	21.55	22.55	30
256QAM	19.35	20.35	30

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

NR Band 2						
BW	MCS Index	RB Size	RB Offset	Low	Mid	High
		Channel		371500	376000	380500
		Frequency (MHz)		1857.5	1880	1902.5
15M	DFT-S PI/2 BPSK	1	1	23.60	23.53	23.59
		1	40	23.44	23.40	23.51
		1	77	23.29	23.42	23.59
		36	0	22.87	22.86	23.22
		36	22	23.46	23.52	23.54
		36	43	22.63	22.98	22.82
		75	0	22.91	23.13	23.24
15M	DFT-S QPSK	1	1	23.42	23.29	23.48
		1	40	23.42	23.55	23.60
		1	77	23.34	23.35	23.38
		36	0	22.56	22.37	22.90
		36	22	23.47	23.49	23.30
		36	43	22.26	22.47	22.42
		75	0	22.26	22.44	22.66
15M	DFT-S 16QAM	1	1	23.00	22.75	22.82
15M	DFT-S 64QAM	1	1	21.25	21.30	21.45
15M	DFT-S 256QAM	1	1	19.35	19.29	19.12
15M	CP QPSK	1	1	21.76	22.08	22.15

Maximum Output Power			
Modulation	Cond. Power (dBm)	EIRP (dBm)	EIRP Limit (dBm)
BPSK	23.60	24.60	30
QPSK	23.60	24.60	30
16QAM	23.00	24.00	30
64QAM	21.45	22.45	30
256QAM	19.35	20.35	30

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

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	23.55	23.50	23.60
		1	26	23.56	23.46	23.51
		1	50	23.30	23.50	23.47
		25	0	23.09	22.78	23.12
		25	14	23.51	23.53	23.58
		25	27	22.62	23.11	22.85
		50	0	22.89	23.15	23.31
10M	DFT-S QPSK	1	1	23.54	23.46	23.58
		1	26	23.40	23.55	23.45
		1	50	23.41	23.56	23.43
		25	0	22.57	22.30	22.93
		25	14	23.30	23.45	23.42
		25	27	22.23	22.57	22.41
		50	0	22.36	22.44	22.63
10M	DFT-S 16QAM	1	1	22.99	22.72	22.89
10M	DFT-S 64QAM	1	1	21.27	21.25	21.50
10M	DFT-S 256QAM	1	1	19.38	19.28	19.11
10M	CP QPSK	1	1	21.83	22.08	22.06

Maximum Output Power			
Modulation	Cond. Power (dBm)	EIRP (dBm)	EIRP Limit (dBm)
BPSK	23.60	24.60	30
QPSK	23.58	24.58	30
16QAM	22.99	23.99	30
64QAM	21.50	22.50	30
256QAM	19.38	20.38	30

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

NR Band 2						
BW	MCS Index	RB Size	RB Offset	Low	Mid	High
		Channel		370500	376000	381500
		Frequency (MHz)		1852.5	1880	1907.5
5M	DFT-S PI/2 BPSK	1	1	23.54	23.56	23.54
		1	13	23.43	23.47	23.60
		1	23	23.36	23.50	23.51
		12	0	22.86	22.85	23.25
		12	7	23.58	23.43	23.58
		12	13	22.70	23.07	23.00
		25	0	22.80	23.10	23.29
5M	DFT-S QPSK	1	1	23.46	23.35	23.59
		1	13	23.43	23.45	23.55
		1	23	23.36	23.44	23.45
		12	0	22.52	22.34	22.73
		12	7	23.42	23.49	23.44
		12	13	22.13	22.53	22.48
		25	0	22.39	22.57	22.79
5M	DFT-S 16QAM	1	1	22.96	22.70	22.89
5M	DFT-S 64QAM	1	1	21.27	21.29	21.57
5M	DFT-S 256QAM	1	1	19.32	19.22	19.12
5M	CP QPSK	1	1	21.77	22.16	22.10

Maximum Output Power			
Modulation	Cond. Power (dBm)	EIRP (dBm)	EIRP Limit (dBm)
BPSK	23.60	24.60	30
QPSK	23.59	24.59	30
16QAM	22.96	23.96	30
64QAM	21.57	22.57	30
256QAM	19.32	20.32	30

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

Mode B
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	22.32	22.18	22.03
		1	53	22.00	22.15	22.24
		1	104	22.06	22.24	22.02
		50	0	21.84	21.60	21.84
		50	28	22.24	22.23	22.23
		50	56	21.34	21.86	21.59
		100	0	21.57	21.73	21.88
20M	DFT-S QPSK	1	1	22.26	22.12	22.17
		1	53	22.05	22.00	22.15
		1	104	21.99	22.31	22.14
		50	0	21.27	21.01	21.57
		50	28	21.93	22.24	21.95
		50	56	20.67	21.34	21.04
		100	0	20.97	21.26	21.42
20M	DFT-S 16QAM	1	1	21.53	21.43	21.55
20M	DFT-S 64QAM	1	1	19.94	19.96	20.08
20M	DFT-S 256QAM	1	1	17.82	18.01	17.66
20M	CP QPSK	1	1	20.39	21.00	20.68

Maximum Output Power			
Modulation	Cond. Power (dBm)	EIRP (dBm)	EIRP Limit (dBm)
BPSK	22.32	25.82	30
QPSK	22.31	25.81	30
16QAM	21.55	25.05	30
64QAM	20.08	23.58	30
256QAM	18.01	21.51	30

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

NR Band 2						
BW	MCS Index	RB Size	RB Offset	Low	Mid	High
		Channel		371500	376000	380500
		Frequency (MHz)		1857.5	1880	1902.5
15M	DFT-S PI/2 BPSK	1	1	22.30	22.14	22.14
		1	40	22.15	22.18	22.05
		1	77	21.91	22.03	22.06
		36	0	21.60	21.52	22.04
		36	22	22.14	22.17	22.31
		36	43	21.39	21.62	21.60
		75	0	21.49	21.80	21.90
15M	DFT-S QPSK	1	1	22.22	22.17	22.19
		1	40	21.96	22.01	22.27
		1	77	21.92	22.25	22.10
		36	0	21.14	20.74	21.54
		36	22	21.93	22.11	21.82
		36	43	20.84	21.27	21.01
		75	0	21.08	21.21	21.30
15M	DFT-S 16QAM	1	1	21.65	21.47	21.62
15M	DFT-S 64QAM	1	1	19.91	20.04	20.16
15M	DFT-S 256QAM	1	1	18.02	18.02	17.92
15M	CP QPSK	1	1	20.39	20.83	20.65

Maximum Output Power			
Modulation	Cond. Power (dBm)	EIRP (dBm)	EIRP Limit (dBm)
BPSK	22.31	25.81	30
QPSK	22.27	25.77	30
16QAM	21.65	25.15	30
64QAM	20.16	23.66	30
256QAM	18.02	21.52	30

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

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	22.12	22.29	22.01
		1	26	22.13	22.17	22.18
		1	50	22.01	22.27	22.08
		25	0	21.56	21.65	21.91
		25	14	22.10	22.02	22.10
		25	27	21.47	21.75	21.49
		50	0	21.56	21.72	21.97
10M	DFT-S QPSK	1	1	22.07	22.19	22.18
		1	26	22.02	22.14	22.18
		1	50	21.93	22.25	22.14
		25	0	21.12	20.80	21.52
		25	14	22.03	22.13	21.94
		25	27	20.83	21.13	21.14
		50	0	20.85	21.02	21.50
10M	DFT-S 16QAM	1	1	21.80	21.44	21.51
10M	DFT-S 64QAM	1	1	19.80	19.96	20.05
10M	DFT-S 256QAM	1	1	17.91	17.94	17.75
10M	CP QPSK	1	1	20.44	20.98	20.72

Maximum Output Power			
Modulation	Cond. Power (dBm)	EIRP (dBm)	EIRP Limit (dBm)
BPSK	22.29	25.79	30
QPSK	22.25	25.75	30
16QAM	21.80	25.30	30
64QAM	20.05	23.55	30
256QAM	17.94	21.44	30

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

NR Band 2						
BW	MCS Index	RB Size	RB Offset	Low	Mid	High
		Channel		370500	376000	381500
		Frequency (MHz)		1852.5	1880	1907.5
5M	DFT-S PI/2 BPSK	1	1	22.11	22.21	22.25
		1	13	22.10	22.12	22.18
		1	23	21.87	22.09	22.21
		12	0	21.77	21.38	21.97
		12	7	22.25	22.23	22.19
		12	13	21.53	21.78	21.49
		25	0	21.46	21.74	21.93
5M	DFT-S QPSK	1	1	22.08	22.22	22.14
		1	13	22.15	22.00	22.03
		1	23	22.01	22.22	22.07
		12	0	21.22	20.80	21.59
		12	7	21.91	22.27	21.97
		12	13	20.69	21.22	20.99
		25	0	20.93	21.10	21.28
5M	DFT-S 16QAM	1	1	21.68	21.26	21.68
5M	DFT-S 64QAM	1	1	19.91	20.06	20.30
5M	DFT-S 256QAM	1	1	17.91	18.01	17.79
5M	CP QPSK	1	1	20.68	21.00	20.72

Maximum Output Power			
Modulation	Cond. Power (dBm)	EIRP (dBm)	EIRP Limit (dBm)
BPSK	22.25	25.75	30
QPSK	22.27	25.77	30
16QAM	21.68	25.18	30
64QAM	20.30	23.80	30
256QAM	18.01	21.51	30

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

7.1.2 NR n5 SCS 15 kHz

Mode A
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	23.90	24.16	23.85
		1	53	23.89	23.94	23.87
		1	104	23.96	23.92	23.95
		50	0	23.28	23.43	23.68
		50	28	23.91	24.01	24.06
		50	56	23.51	23.66	23.49
		100	0	23.32	23.60	23.82
20M	DFT-S QPSK	1	1	23.84	23.98	23.99
		1	53	24.04	23.98	23.90
		1	104	23.98	24.12	23.90
		50	0	22.60	22.91	23.29
		50	28	23.59	23.95	23.65
		50	56	23.03	23.20	22.96
		100	0	22.85	23.07	23.32
20M	DFT-S 16QAM	1	1	23.09	23.33	22.99
20M	DFT-S 64QAM	1	1	21.19	21.88	21.55
20M	DFT-S 256QAM	1	1	19.97	19.77	19.89
20M	CP QPSK	1	1	22.46	22.60	22.53

Maximum Output Power			
Modulation	Cond. Power (dBm)	ERP (dBm)	ERP Limit (dBm)
BPSK	24.16	22.91	30
QPSK	24.12	22.87	30
16QAM	23.33	22.08	30
64QAM	21.88	20.63	30
256QAM	19.97	18.72	30

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

ERP (dBm) = EIRP (dBm) - 2.15

NR Band 5						
BW	MCS Index	RB Size	RB Offset	Low	Mid	High
		Channel		166300	167300	168300
		Frequency (MHz)		831.5	836.5	841.5
15M	DFT-S PI/2 BPSK	1	1	23.77	24.05	23.78
		1	40	23.99	23.87	24.09
		1	77	23.92	23.88	23.97
		36	0	23.21	23.33	23.81
		36	22	23.98	24.03	23.97
		36	43	23.50	23.62	23.56
		75	0	23.26	23.58	23.79
15M	DFT-S QPSK	1	1	23.91	23.98	24.03
		1	40	23.91	24.09	23.86
		1	77	23.86	23.96	23.85
		36	0	22.71	22.98	23.24
		36	22	23.56	23.96	23.66
		36	43	23.00	23.22	22.91
		75	0	22.82	22.89	23.17
15M	DFT-S 16QAM	1	1	23.00	23.46	22.92
15M	DFT-S 64QAM	1	1	21.28	21.83	21.50
15M	DFT-S 256QAM	1	1	20.04	19.82	19.95
15M	CP QPSK	1	1	22.32	22.64	22.42

Maximum Output Power			
Modulation	Cond. Power (dBm)	ERP (dBm)	ERP Limit (dBm)
BPSK	24.09	22.84	30
QPSK	24.09	22.84	30
16QAM	23.46	22.21	30
64QAM	21.83	20.58	30
256QAM	20.04	18.79	30

Note: EIRP (dBm) = Cond. Power (dBm) + Antenna Gain (dBi) + Array Gain (if applicable)
 ERP (dBm) = EIRP (dBm) - 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	23.87	23.91	23.97
		1	26	24.01	23.92	24.01
		1	50	24.01	23.82	24.02
		25	0	23.29	23.43	23.76
		25	14	24.05	23.98	23.95
		25	27	23.39	23.65	23.46
		50	0	23.30	23.68	23.67
10M	DFT-S QPSK	1	1	23.72	24.00	23.82
		1	26	23.94	24.01	23.97
		1	50	23.84	24.01	23.80
		25	0	22.63	22.97	23.22
		25	14	23.64	23.86	23.81
		25	27	22.91	23.22	22.91
		50	0	22.81	23.12	23.28
10M	DFT-S 16QAM	1	1	23.02	23.29	23.00
10M	DFT-S 64QAM	1	1	21.13	21.81	21.58
10M	DFT-S 256QAM	1	1	20.02	19.78	20.00
10M	CP QPSK	1	1	22.30	22.71	22.62

Maximum Output Power			
Modulation	Cond. Power (dBm)	ERP (dBm)	ERP Limit (dBm)
BPSK	24.05	22.80	30
QPSK	24.01	22.76	30
16QAM	23.29	22.04	30
64QAM	21.81	20.56	30
256QAM	20.02	18.77	30

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

NR Band 5						
BW	MCS Index	RB Size	RB Offset	Low	Mid	High
		Channel		165300	167300	169300
		Frequency (MHz)		826.5	836.5	846.5
5M	DFT-S PI/2 BPSK	1	1	23.83	24.10	23.81
		1	13	23.93	23.93	23.97
		1	23	24.06	23.89	23.95
		12	0	23.33	23.42	23.79
		12	7	23.98	23.99	23.94
		12	13	23.46	23.69	23.48
		25	0	23.31	23.59	23.83
5M	DFT-S QPSK	1	1	23.83	23.98	23.90
		1	13	24.09	23.93	23.97
		1	23	23.91	23.97	23.70
		12	0	22.62	22.89	23.24
		12	7	23.56	23.77	23.68
		12	13	23.05	23.19	22.78
		25	0	22.81	23.02	23.18
5M	DFT-S 16QAM	1	1	23.17	23.31	22.89
5M	DFT-S 64QAM	1	1	21.14	21.91	21.47
5M	DFT-S 256QAM	1	1	19.89	19.77	19.97
5M	CP QPSK	1	1	22.33	22.51	22.48

Maximum Output Power			
Modulation	Cond. Power (dBm)	ERP (dBm)	ERP Limit (dBm)
BPSK	24.10	22.85	30
QPSK	24.09	22.84	30
16QAM	23.31	22.06	30
64QAM	21.91	20.66	30
256QAM	19.97	18.72	30

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

7.1.3 NR n14 SCS 15 kHz
Mode A
Conducted Output Power (dBm)

NR Band 14				
BW	MCS Index	RB Size	RB Offset	Mid
		Channel		158600
		Frequency (MHz)		793
10M	DFT-S PI/2 BPSK	1	1	24.18
		1	26	24.04
		1	50	23.95
		25	0	23.62
		25	14	24.09
		25	27	23.68
		50	0	23.64
10M	DFT-S QPSK	1	1	23.79
		1	26	24.07
		1	50	23.99
		25	0	23.26
		25	14	24.12
		25	27	23.14
		50	0	23.14
10M	DFT-S 16QAM	1	1	23.52
10M	DFT-S 64QAM	1	1	21.82
10M	DFT-S 256QAM	1	1	19.91
10M	CP QPSK	1	1	22.47

Maximum Output Power			
Modulation	Cond. Power (dBm)	ERP (dBm)	ERP Limit (dBm)
BPSK	24.18	22.93	44.77
QPSK	24.12	22.87	44.77
16QAM	23.52	22.27	44.77
64QAM	21.82	20.57	44.77
256QAM	19.91	18.66	44.77

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

ERP (dBm) = EIRP (dBm) - 2.15

NR Band 14						
BW	MCS Index	RB Size	RB Offset	Low	Mid	High
		Channel		158100	158600	159100
		Frequency (MHz)		790.5	793	795.5
5M	DFT-S PI/2 BPSK	1	1	24.06	24.12	23.64
		1	13	24.09	24.00	24.13
		1	23	24.04	23.96	23.98
		12	0	23.60	23.54	23.41
		12	7	24.04	24.05	24.01
		12	13	23.53	23.60	23.56
		25	0	23.65	23.58	23.43
5M	DFT-S QPSK	1	1	24.13	23.96	24.01
		1	13	24.13	24.00	24.03
		1	23	24.10	23.86	24.13
		12	0	23.19	23.06	22.97
		12	7	24.09	24.13	23.96
		12	13	23.02	23.12	22.98
		25	0	23.23	23.04	22.98
5M	DFT-S 16QAM	1	1	22.81	23.32	23.34
5M	DFT-S 64QAM	1	1	21.74	21.69	21.46
5M	DFT-S 256QAM	1	1	19.90	19.70	19.84
5M	CP QPSK	1	1	22.56	22.65	22.82

Maximum Output Power			
Modulation	Cond. Power (dBm)	ERP (dBm)	ERP Limit (dBm)
BPSK	24.13	22.88	44.77
QPSK	24.13	22.88	44.77
16QAM	23.34	22.09	44.77
64QAM	21.74	20.49	44.77
256QAM	19.90	18.65	44.77

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

ERP (dBm) = EIRP (dBm) - 2.15

7.1.4 NR n30 SCS 15 kHz

Mode A
Conducted Output Power (dBm/5MHz)

NR Band 30				
BW	MCS Index	RB Size	RB Offset	Mid
		Channel		462000
		Frequency (MHz)		2310
10M	DFT-S PI/2 BPSK	1	1	22.94
		1	26	22.72
		1	50	22.77
		25	0	22.31
		25	14	22.72
		25	27	22.17
		50	0	22.26
10M	DFT-S QPSK	1	1	22.58
		1	26	22.62
		1	50	22.47
		25	0	21.77
		25	14	22.64
		25	27	21.87
		50	0	21.64
10M	DFT-S 16QAM	1	1	21.67
10M	DFT-S 64QAM	1	1	20.37
10M	DFT-S 256QAM	1	1	18.03
10M	CP QPSK	1	1	21.71



NR Band 30						
BW	MCS Index	RB Size	RB Offset	Low	Mid	High
		Channel		461500	462000	462500
		Frequency (MHz)		2307.5	2310	2312.5
5M	DFT-S PI/2 BPSK	1	1	22.67	22.85	22.59
		1	13	22.71	22.64	22.43
		1	23	22.62	22.55	22.73
		12	0	22.29	22.35	22.27
		12	7	22.74	22.68	22.79
		12	13	22.08	22.18	22.16
		25	0	22.20	22.36	22.03
5M	DFT-S QPSK	1	1	22.83	22.65	22.66
		1	13	22.63	22.66	22.60
		1	23	22.68	22.45	22.53
		12	0	21.67	21.78	21.70
		12	7	22.89	22.71	22.81
		12	13	21.84	21.79	21.74
		25	0	21.89	22.01	21.84
5M	DFT-S 16QAM	1	1	21.77	21.74	21.72
5M	DFT-S 64QAM	1	1	20.34	20.15	20.21
5M	DFT-S 256QAM	1	1	18.28	18.42	18.45
5M	CP QPSK	1	1	21.53	21.12	21.18

Modulation Type: BPSK

NR Band 30, Channel Bandwidth 10MHz

Mode		TX channel 462000						
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	2310.00	23.89	23.98	-0.09	2.06 H	234	87.00	-63.11
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	2310.00	22.65	23.98	-1.33	1.35 V	308	85.76	-63.11

Remarks:

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

NR Band 30, Channel Bandwidth 5MHz

Mode		TX channel 461500, 462000, 462500						
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	2307.50	23.86	23.98	-0.12	2.12 H	236	86.98	-63.12
2	2310.00	23.88	23.98	-0.10	2.08 H	237	86.99	-63.11
3	2312.50	23.83	23.98	-0.15	2.01 H	244	86.93	-63.10
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	2307.50	22.64	23.98	-1.34	1.34 V	311	85.76	-63.12
2	2310.00	22.39	23.98	-1.59	1.34 V	314	85.50	-63.11
3	2312.50	22.42	23.98	-1.56	1.32 V	301	85.52	-63.10

Remarks:

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

Modulation Type: QPSK

NR Band 30, Channel Bandwidth 10MHz

Mode		TX channel 462000						
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	2310.00	23.72	23.98	-0.26	2.12 H	241	86.83	-63.11
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	2310.00	22.52	23.98	-1.46	1.37 V	304	85.63	-63.11

Remarks:

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

NR Band 30, Channel Bandwidth 5MHz

Mode		TX channel 461500, 462000, 462500						
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	2307.50	23.73	23.98	-0.25	2.08 H	237	86.85	-63.12
2	2310.00	23.75	23.98	-0.23	2.11 H	239	86.86	-63.11
3	2312.50	23.71	23.98	-0.27	2.04 H	242	86.81	-63.10
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	2307.50	22.53	23.98	-1.45	1.31 V	313	85.65	-63.12
2	2310.00	22.31	23.98	-1.67	1.31 V	308	85.42	-63.11
3	2312.50	22.27	23.98	-1.71	1.35 V	304	85.37	-63.10

Remarks:

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

Modulation Type: 16QAM

NR Band 30, Channel Bandwidth 10MHz

Mode		TX channel 462000						
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	2310.00	22.91	23.98	-1.07	2.10 H	239	86.02	-63.11
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	2310.00	21.68	23.98	-2.30	1.33 V	303	84.79	-63.11

Remarks:

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

NR Band 30, Channel Bandwidth 5MHz

Mode		TX channel 461500, 462000, 462500						
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	2307.50	22.88	23.98	-1.10	2.07 H	240	86.00	-63.12
2	2310.00	22.85	23.98	-1.13	2.15 H	243	85.96	-63.11
3	2312.50	22.86	23.98	-1.12	2.12 H	241	85.96	-63.10
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	2307.50	21.66	23.98	-2.32	1.39 V	304	84.78	-63.12
2	2310.00	21.47	23.98	-2.51	1.33 V	305	84.58	-63.11
3	2312.50	21.43	23.98	-2.55	1.34 V	303	84.53	-63.10

Remarks:

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

Modulation Type: 64QAM

NR Band 30, Channel Bandwidth 10MHz

Mode		TX channel 462000						
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	2310.00	21.94	23.98	-2.04	2.09 H	238	85.05	-63.11
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	2310.00	20.67	23.98	-3.31	1.39 V	311	83.78	-63.11

Remarks:

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

NR Band 30, Channel Bandwidth 5MHz

Mode		TX channel 461500, 462000, 462500						
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	2307.50	21.87	23.98	-2.11	2.15 H	241	84.99	-63.12
2	2310.00	21.83	23.98	-2.15	2.05 H	242	84.94	-63.11
3	2312.50	21.87	23.98	-2.11	2.03 H	244	84.97	-63.10
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	2307.50	20.65	23.98	-3.33	1.30 V	305	83.77	-63.12
2	2310.00	20.36	23.98	-3.62	1.36 V	303	83.47	-63.11
3	2312.50	20.38	23.98	-3.60	1.32 V	301	83.48	-63.10

Remarks:

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

Modulation Type: 256QAM

NR Band 30, Channel Bandwidth 10MHz

Mode		TX channel 462000						
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	2310.00	20.91	23.98	-3.07	2.06 H	239	84.02	-63.11
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	2310.00	19.64	23.98	-4.34	1.33 V	305	82.75	-63.11

Remarks:

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

NR Band 30, Channel Bandwidth 5MHz

Mode		TX channel 461500, 462000, 462500						
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	2307.50	20.86	23.98	-3.12	2.11 H	244	83.98	-63.12
2	2310.00	20.85	23.98	-3.13	2.14 H	238	83.96	-63.11
3	2312.50	20.87	23.98	-3.11	2.05 H	237	83.97	-63.10
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	2307.50	19.61	23.98	-4.37	1.31 V	310	82.73	-63.12
2	2310.00	19.46	23.98	-4.52	1.00 V	303	82.57	-63.11
3	2312.50	19.52	23.98	-4.46	1.33 V	308	82.62	-63.10

Remarks:

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

Mode B
Conducted Output Power (dBm/5MHz)

NR Band 30				
BW	MCS Index	RB Size	RB Offset	Mid
		Channel		462000
		Frequency (MHz)		2310
10M	DFT-S PI/2 BPSK	1	1	20.8
		1	26	20.54
		1	50	20.45
		25	0	20.25
		25	14	20.58
		25	27	20.08
		50	0	20.26
10M	DFT-S QPSK	1	1	20.55
		1	26	20.56
		1	50	20.35
		25	0	19.68
		25	14	20.61
		25	27	19.69
		50	0	19.91
10M	DFT-S 16QAM	1	1	19.64
10M	DFT-S 64QAM	1	1	18.05
10M	DFT-S 256QAM	1	1	16.32
10M	CP QPSK	1	1	19.02

NR Band 30						
BW	MCS Index	RB Size	RB Offset	Low	Mid	High
		Channel		461500	462000	462500
		Frequency (MHz)		2307.5	2310	2312.5
5M	DFT-S PI/2 BPSK	1	1	20.73	20.70	20.57
		1	13	20.65	20.59	20.44
		1	23	20.46	20.59	20.63
		12	0	20.32	20.42	20.10
		12	7	20.59	20.75	20.78
		12	13	19.91	20.00	20.06
		25	0	20.07	20.19	19.90
5M	DFT-S QPSK	1	1	20.71	20.53	20.50
		1	13	20.63	20.63	20.48
		1	23	20.53	20.29	20.57
		12	0	19.57	19.59	19.56
		12	7	20.60	20.53	20.55
		12	13	19.91	19.69	19.67
		25	0	19.96	20.08	19.70
5M	DFT-S 16QAM	1	1	19.59	19.83	19.60
5M	DFT-S 64QAM	1	1	18.34	18.23	18.09
5M	DFT-S 256QAM	1	1	16.26	16.37	16.40
5M	CP QPSK	1	1	19.34	19.19	19.05

Modulation Type: BPSK

NR Band 30, Channel Bandwidth 10MHz

Mode		TX channel 462000						
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	2310.00	18.12	23.98	-5.86	3.57 H	231	81.23	-63.11
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	2310.00	23.01	23.98	-0.97	1.42 V	163	86.12	-63.11

Remarks:

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

NR Band 30, Channel Bandwidth 5MHz

Mode		TX channel 461500, 462000, 462500						
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	2307.50	18.19	23.98	-5.79	3.51 H	226	81.31	-63.12
2	2310.00	18.03	23.98	-5.95	3.58 H	224	81.14	-63.11
3	2312.50	18.21	23.98	-5.77	3.55 H	221	81.31	-63.10
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	2307.50	22.86	23.98	-1.12	1.47 V	162	85.98	-63.12
2	2310.00	22.98	23.98	-1.00	1.44 V	167	86.09	-63.11
3	2312.50	22.92	23.98	-1.06	1.49 V	165	86.02	-63.10

Remarks:

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

Modulation Type: QPSK

NR Band 30, Channel Bandwidth 10MHz

Mode		TX channel 462000						
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	2310.00	18.09	23.98	-5.89	3.54 H	224	81.20	-63.11
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	2310.00	22.94	23.98	-1.04	1.48 V	158	86.05	-63.11

Remarks:

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

NR Band 30, Channel Bandwidth 5MHz

Mode		TX channel 461500, 462000, 462500						
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	2307.50	18.11	23.98	-5.87	3.53 H	227	81.23	-63.12
2	2310.00	17.93	23.98	-6.05	3.53 H	222	81.04	-63.11
3	2312.50	18.13	23.98	-5.85	3.57 H	225	81.23	-63.10
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	2307.50	22.84	23.98	-1.14	1.51 V	158	85.96	-63.12
2	2310.00	22.89	23.98	-1.09	1.49 V	164	86.00	-63.11
3	2312.50	22.92	23.98	-1.06	1.47 V	160	86.02	-63.10

Remarks:

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

Modulation Type: 16QAM

NR Band 30, Channel Bandwidth 10MHz

Mode		TX channel 462000						
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	2310.00	17.14	23.98	-6.84	3.54 H	224	80.25	-63.11
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	2310.00	21.98	23.98	-2.00	1.48 V	158	85.09	-63.11

Remarks:

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

NR Band 30, Channel Bandwidth 5MHz

Mode		TX channel 461500, 462000, 462500						
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	2307.50	17.23	23.98	-6.75	3.53 H	227	80.35	-63.12
2	2310.00	17.02	23.98	-6.96	3.53 H	222	80.13	-63.11
3	2312.50	17.11	23.98	-6.87	3.57 H	225	80.21	-63.10
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	2307.50	21.93	23.98	-2.05	1.51 V	158	85.05	-63.12
2	2310.00	21.97	23.98	-2.01	1.49 V	164	85.08	-63.11
3	2312.50	21.96	23.98	-2.02	1.47 V	160	85.06	-63.10

Remarks:

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

Modulation Type: 64QAM

NR Band 30, Channel Bandwidth 10MHz

Mode		TX channel 462000						
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	2310.00	16.28	23.98	-7.70	3.54 H	224	79.39	-63.11
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	2310.00	20.97	23.98	-3.01	1.48 V	158	84.08	-63.11

Remarks:

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

NR Band 30, Channel Bandwidth 5MHz

Mode		TX channel 461500, 462000, 462500						
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	2307.50	16.08	23.98	-7.90	3.53 H	227	79.20	-63.12
2	2310.00	15.88	23.98	-8.10	3.53 H	222	78.99	-63.11
3	2312.50	16.12	23.98	-7.86	3.57 H	225	79.22	-63.10
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	2307.50	20.86	23.98	-3.12	1.51 V	158	83.98	-63.12
2	2310.00	20.87	23.98	-3.11	1.49 V	164	83.98	-63.11
3	2312.50	20.93	23.98	-3.05	1.47 V	160	84.03	-63.10

Remarks:

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

Modulation Type: 256QAM

NR Band 30, Channel Bandwidth 10MHz

Mode		TX channel 462000						
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	2310.00	15.21	23.98	-8.77	3.54 H	224	78.32	-63.11
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	2310.00	19.99	23.98	-3.99	1.48 V	158	83.10	-63.11

Remarks:

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

NR Band 30, Channel Bandwidth 5MHz

Mode		TX channel 461500, 462000, 462500						
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	2307.50	15.08	23.98	-8.90	3.53 H	227	78.20	-63.12
2	2310.00	14.86	23.98	-9.12	3.53 H	222	77.97	-63.11
3	2312.50	15.13	23.98	-8.85	3.57 H	225	78.23	-63.10
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	2307.50	19.84	23.98	-4.14	1.51 V	158	82.96	-63.12
2	2310.00	19.89	23.98	-4.09	1.49 V	164	83.00	-63.11
3	2312.50	19.95	23.98	-4.03	1.47 V	160	83.05	-63.10

Remarks:

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

7.1.5 NR n66 SCS 15 kHz
Mode A

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	23.38	23.59	23.41
		1	108	23.35	23.37	23.28
		1	214	23.39	23.38	23.28
		108	0	22.64	23.08	22.67
		108	54	23.39	23.46	23.36
		108	108	22.66	23.24	22.56
		216	0	22.77	23.18	22.78
40M	DFT-S QPSK	1	1	23.29	23.53	23.40
		1	108	23.41	23.51	23.30
		1	214	23.41	23.47	23.27
		108	0	22.17	22.67	22.17
		108	54	23.30	23.42	23.33
		108	108	22.15	22.70	22.14
		216	0	22.30	22.62	22.20
40M	DFT-S 16QAM	1	1	22.83	22.61	22.65
40M	DFT-S 64QAM	1	1	21.49	21.26	21.39
40M	DFT-S 256QAM	1	1	19.21	19.09	19.22
40M	CP QPSK	1	1	22.00	22.07	22.04

Maximum Output Power			
Modulation	Cond. Power (dBm)	EIRP (dBm)	EIRP Limit (dBm)
BPSK	23.59	24.59	30
QPSK	23.53	24.53	30
16QAM	22.83	23.83	30
64QAM	21.49	22.49	30
256QAM	19.22	20.22	30

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



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	23.35	23.46	23.35
		1	53	23.43	23.28	23.24
		1	104	23.35	23.30	23.27
		50	0	22.63	23.04	22.65
		50	28	23.36	23.36	23.21
		50	56	22.68	23.09	22.60
		100	0	22.67	23.14	22.67
20M	DFT-S QPSK	1	1	23.31	23.53	23.24
		1	53	23.39	23.40	23.25
		1	104	23.41	23.53	23.28
		50	0	22.19	22.71	22.29
		50	28	23.33	23.38	23.32
		50	56	22.23	22.67	22.04
		100	0	22.24	22.61	22.17
20M	DFT-S 16QAM	1	1	22.78	22.55	22.61
20M	DFT-S 64QAM	1	1	21.47	21.15	21.35
20M	DFT-S 256QAM	1	1	19.20	19.19	19.21
20M	CP QPSK	1	1	22.04	21.99	22.02

Maximum Output Power			
Modulation	Cond. Power (dBm)	EIRP (dBm)	EIRP Limit (dBm)
BPSK	23.46	24.46	30
QPSK	23.53	24.53	30
16QAM	22.78	23.78	30
64QAM	21.47	22.47	30
256QAM	19.21	20.21	30

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

NR Band 66						
BW	MCS Index	RB Size	RB Offset	Low	Mid	High
		Channel		343500	349000	354500
		Frequency (MHz)		1717.5	1745	1772.5
15M	DFT-S PI/2 BPSK	1	1	23.46	23.48	23.34
		1	40	23.32	23.35	23.30
		1	77	23.33	23.28	23.24
		36	0	22.77	23.01	22.74
		36	22	23.40	23.38	23.35
		36	43	22.64	23.12	22.50
		75	0	22.78	23.12	22.63
15M	DFT-S QPSK	1	1	23.44	23.47	23.28
		1	40	23.38	23.43	23.35
		1	77	23.35	23.39	23.24
		36	0	22.18	22.60	22.20
		36	22	23.38	23.43	23.33
		36	43	22.23	22.70	22.14
		75	0	22.29	22.56	22.09
15M	DFT-S 16QAM	1	1	22.85	22.71	22.67
15M	DFT-S 64QAM	1	1	21.39	21.09	21.38
15M	DFT-S 256QAM	1	1	19.17	19.21	19.21
15M	CP QPSK	1	1	22.10	22.10	21.99

Maximum Output Power			
Modulation	Cond. Power (dBm)	EIRP (dBm)	EIRP Limit (dBm)
BPSK	23.48	24.48	30
QPSK	23.47	24.47	30
16QAM	22.85	23.85	30
64QAM	21.39	22.39	30
256QAM	19.21	20.21	30

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



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	23.49	23.58	23.30
		1	26	23.30	23.43	23.26
		1	50	23.30	23.34	23.25
		25	0	22.68	23.04	22.70
		25	14	23.23	23.33	23.26
		25	27	22.61	23.20	22.55
		50	0	22.80	23.25	22.63
10M	DFT-S QPSK	1	1	23.38	23.54	23.39
		1	26	23.32	23.42	23.18
		1	50	23.49	23.43	23.21
		25	0	22.16	22.61	22.26
		25	14	23.33	23.38	23.39
		25	27	22.16	22.57	22.00
		50	0	22.34	22.60	22.02
10M	DFT-S 16QAM	1	1	22.84	22.68	22.72
10M	DFT-S 64QAM	1	1	21.41	21.17	21.34
10M	DFT-S 256QAM	1	1	19.18	19.18	19.26
10M	CP QPSK	1	1	22.04	22.03	22.02

Maximum Output Power			
Modulation	Cond. Power (dBm)	EIRP (dBm)	EIRP Limit (dBm)
BPSK	23.58	24.58	30
QPSK	23.54	24.54	30
16QAM	22.84	23.84	30
64QAM	21.41	22.41	30
256QAM	19.26	20.26	30

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

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	23.29	23.56	23.44
		1	13	23.37	23.30	23.29
		1	23	23.40	23.38	23.21
		12	0	22.69	23.06	22.65
		12	7	23.28	23.35	23.32
		12	13	22.65	23.20	22.51
		25	0	22.64	23.20	22.65
5M	DFT-S QPSK	1	1	23.21	23.47	23.40
		1	13	23.40	23.46	23.32
		1	23	23.41	23.33	23.26
		12	0	22.27	22.55	22.20
		12	7	23.32	23.36	23.28
		12	13	22.05	22.61	21.98
		25	0	22.35	22.53	22.08
5M	DFT-S 16QAM	1	1	22.76	22.70	22.70
5M	DFT-S 64QAM	1	1	21.47	21.10	21.37
5M	DFT-S 256QAM	1	1	19.21	19.09	19.23
5M	CP QPSK	1	1	22.11	22.06	22.10

Maximum Output Power			
Modulation	Cond. Power (dBm)	EIRP (dBm)	EIRP Limit (dBm)
BPSK	23.56	24.56	30
QPSK	23.47	24.47	30
16QAM	22.76	23.76	30
64QAM	21.47	22.47	30
256QAM	19.23	20.23	30

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

Mode B
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	22.05	22.14	22.07
		1	108	21.87	21.88	22.06
		1	214	22.12	21.89	22.08
		108	0	21.27	21.63	21.47
		108	54	22.01	22.02	21.87
		108	108	21.19	21.99	21.14
		216	0	21.34	21.90	21.38
40M	DFT-S QPSK	1	1	22.09	22.21	21.92
		1	108	21.95	22.11	22.09
		1	214	22.00	22.17	21.85
		108	0	20.85	21.38	20.93
		108	54	21.89	22.16	21.99
		108	108	20.79	21.46	20.74
		216	0	21.09	21.33	20.92
40M	DFT-S 16QAM	1	1	21.56	21.33	21.31
40M	DFT-S 64QAM	1	1	19.99	19.83	19.96
40M	DFT-S 256QAM	1	1	17.86	17.71	17.72
40M	CP QPSK	1	1	20.59	20.58	20.62

Maximum Output Power			
Modulation	Cond. Power (dBm)	EIRP (dBm)	EIRP Limit (dBm)
BPSK	22.14	25.64	30
QPSK	22.21	25.71	30
16QAM	21.56	25.06	30
64QAM	19.99	23.49	30
256QAM	17.86	21.36	30

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

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	21.90	22.12	22.11
		1	53	21.93	22.02	21.92
		1	104	22.08	21.91	21.83
		50	0	21.34	21.83	21.24
		50	28	22.00	22.01	22.06
		50	56	21.43	21.80	21.30
		100	0	21.49	21.77	21.37
20M	DFT-S QPSK	1	1	21.83	22.21	21.91
		1	53	21.97	22.05	21.85
		1	104	22.03	22.27	21.89
		50	0	20.77	21.29	20.70
		50	28	21.81	22.13	22.13
		50	56	20.74	21.43	20.74
		100	0	21.01	21.39	20.93
20M	DFT-S 16QAM	1	1	21.52	21.12	21.37
20M	DFT-S 64QAM	1	1	20.05	19.95	20.05
20M	DFT-S 256QAM	1	1	17.82	17.63	17.97
20M	CP QPSK	1	1	20.65	20.65	20.76

Maximum Output Power			
Modulation	Cond. Power (dBm)	EIRP (dBm)	EIRP Limit (dBm)
BPSK	22.12	25.62	30
QPSK	22.27	25.77	30
16QAM	21.52	25.02	30
64QAM	20.05	23.55	30
256QAM	17.97	21.47	30

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

NR Band 66						
BW	MCS Index	RB Size	RB Offset	Low	Mid	High
		Channel		343500	349000	354500
		Frequency (MHz)		1717.5	1745	1772.5
15M	DFT-S PI/2 BPSK	1	1	22.11	22.21	21.96
		1	40	21.88	22.05	22.04
		1	77	21.94	21.92	21.82
		36	0	21.44	21.69	21.39
		36	22	22.08	21.96	22.03
		36	43	21.24	21.95	21.06
		75	0	21.55	21.86	21.46
15M	DFT-S QPSK	1	1	21.94	22.15	22.16
		1	40	22.10	22.22	21.93
		1	77	22.21	22.00	21.93
		36	0	20.85	21.42	20.72
		36	22	22.01	21.95	21.83
		36	43	20.79	21.39	20.86
		75	0	21.02	21.31	20.76
15M	DFT-S 16QAM	1	1	21.53	21.36	21.39
15M	DFT-S 64QAM	1	1	19.99	19.83	20.09
15M	DFT-S 256QAM	1	1	17.90	17.83	17.84
15M	CP QPSK	1	1	20.60	20.86	20.77

Maximum Output Power			
Modulation	Cond. Power (dBm)	EIRP (dBm)	EIRP Limit (dBm)
BPSK	22.21	25.71	30
QPSK	22.22	25.72	30
16QAM	21.53	25.03	30
64QAM	20.09	23.59	30
256QAM	17.90	21.40	30

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



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	21.96	22.28	22.12
		1	26	22.15	22.01	21.91
		1	50	22.10	21.89	21.78
		25	0	21.38	21.82	21.29
		25	14	22.18	22.19	21.96
		25	27	21.46	21.74	21.10
		50	0	21.47	21.77	21.41
10M	DFT-S QPSK	1	1	21.83	22.14	21.95
		1	26	22.13	22.03	22.00
		1	50	22.02	22.05	21.84
		25	0	20.88	21.21	20.82
		25	14	21.89	22.07	22.00
		25	27	20.87	21.21	20.70
		50	0	21.07	21.20	20.73
10M	DFT-S 16QAM	1	1	21.53	21.34	21.38
10M	DFT-S 64QAM	1	1	20.22	19.91	19.90
10M	DFT-S 256QAM	1	1	17.92	17.68	17.98
10M	CP QPSK	1	1	20.76	20.57	20.61

Maximum Output Power			
Modulation	Cond. Power (dBm)	EIRP (dBm)	EIRP Limit (dBm)
BPSK	22.28	25.78	30
QPSK	22.14	25.64	30
16QAM	21.53	25.03	30
64QAM	20.22	23.72	30
256QAM	17.98	21.48	30

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

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	21.88	22.16	22.04
		1	13	22.02	21.95	21.96
		1	23	22.17	22.03	22.04
		12	0	21.36	21.63	21.29
		12	7	22.03	22.25	21.96
		12	13	21.39	21.80	21.06
		25	0	21.45	21.94	21.52
5M	DFT-S QPSK	1	1	21.86	22.32	22.00
		1	13	22.19	22.30	22.04
		1	23	22.19	22.10	21.94
		12	0	20.69	21.35	20.95
		12	7	21.93	22.09	21.86
		12	13	20.93	21.23	20.72
		25	0	20.98	21.39	20.91
5M	DFT-S 16QAM	1	1	21.52	21.25	21.39
5M	DFT-S 64QAM	1	1	20.02	19.92	20.06
5M	DFT-S 256QAM	1	1	17.86	17.75	18.01
5M	CP QPSK	1	1	20.54	20.71	20.56

Maximum Output Power			
Modulation	Cond. Power (dBm)	EIRP (dBm)	EIRP Limit (dBm)
BPSK	22.25	25.75	30
QPSK	22.32	25.82	30
16QAM	21.52	25.02	30
64QAM	20.06	23.56	30
256QAM	18.01	21.51	30

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

7.1.6 NR n77 (3450-3550 MHz) SCS 15 kHz
Mode A

NR Band 77												
BW	MCS Index	RB Size	RB Offset	Low			Mid			High		
		Channel		631668			633334			635000		
		Frequency (MHz)		3475.02			3500.01			3525		
		Tx Chain		Ant.3	Ant.5	Total	Ant.3	Ant.5	Total	Ant.3	Ant.5	Total
50M	CP QPSK	1	1	27.85	27.80	30.84	27.79	27.82	30.82	27.82	27.81	30.83
		1	67	27.57	27.63	30.61	27.53	27.54	30.55	27.19	27.22	30.22
		1	131	26.73	26.71	29.73	26.69	26.80	29.76	26.96	26.92	29.95
		64	0	27.32	27.31	30.33	27.39	27.36	30.39	27.33	27.28	30.32
		64	35	27.66	27.69	30.69	27.64	27.59	30.63	27.48	27.39	30.45
		64	69	26.79	26.74	29.78	26.72	26.65	29.70	26.77	26.73	29.76
		133	0	27.08	27.03	30.07	27.04	27.05	30.06	27.15	27.12	30.15
50M	CP 16QAM	1	1	26.69	26.69	29.70	26.93	26.92	29.94	27.17	27.24	30.22
50M	CP 64QAM	1	1	25.41	25.45	28.44	25.80	25.84	28.83	25.82	25.87	28.86
50M	CP 256QAM	1	1	23.78	23.90	26.85	23.51	23.47	26.50	23.99	23.95	26.98
BW	MCS Index	Channel		631334			633334			635332		
		Frequency (MHz)		3470.01			3500.01			3529.98		
40M	CP QPSK	1	1	27.71	27.76	30.75	27.83	27.79	30.82	27.75	27.72	30.75
		1	53	27.60	27.69	30.66	27.57	27.52	30.56	27.25	27.25	30.26
		1	104	26.75	26.72	29.75	26.84	26.80	29.83	26.89	26.90	29.91
		50	0	27.47	27.47	30.48	27.48	27.38	30.44	27.31	27.37	30.35
		50	28	27.72	27.65	30.70	27.53	27.64	30.60	27.48	27.44	30.47
		50	56	26.84	26.82	29.84	26.68	26.71	29.71	26.74	26.82	29.79
		106	0	27.02	27.06	30.05	27.05	27.02	30.05	27.08	27.03	30.07
40M	CP 16QAM	1	1	26.61	26.69	29.66	26.78	26.79	29.80	27.25	27.16	30.22
40M	CP 64QAM	1	1	25.33	25.28	28.32	25.73	25.74	28.75	25.88	25.87	28.89
40M	CP 256QAM	1	1	23.80	23.79	26.81	23.46	23.52	26.50	23.99	23.90	26.96



NR Band 77												
BW	MCS Index	RB Size	RB Offset	Low			Mid			High		
		Channel		631000			633334			635666		
		Frequency (MHz)		3465			3500.01			3534.99		
		Tx Chain		Ant.3	Ant.5	Total	Ant.3	Ant.5	Total	Ant.3	Ant.5	Total
30M	CP QPSK	1	1	27.81	27.77	30.80	27.82	27.81	30.83	27.67	27.73	30.71
		1	39	27.57	27.60	30.60	27.42	27.49	30.47	27.13	27.17	30.16
		1	76	26.64	26.71	29.69	26.82	26.75	29.80	26.81	26.80	29.82
		36	0	27.42	27.42	30.43	27.37	27.31	30.35	27.35	27.37	30.37
		36	21	27.55	27.55	30.56	27.57	27.57	30.58	27.46	27.39	30.44
		36	42	26.85	26.74	29.81	26.68	26.60	29.65	26.73	26.77	29.76
		78	0	27.02	27.02	30.03	27.09	27.08	30.10	27.05	27.01	30.04
30M	CP 16QAM	1	1	26.63	26.63	29.64	26.87	26.88	29.89	27.16	27.12	30.15
30M	CP 64QAM	1	1	25.48	25.45	28.48	25.82	25.78	28.81	25.84	25.80	28.83
30M	CP 256QAM	1	1	23.81	23.84	26.84	23.54	23.52	26.54	23.97	23.90	26.95
BW	MCS Index	Channel		630668			633334			636000		
		Frequency (MHz)		3460.02			3500.01			3540		
20M	CP QPSK	1	1	27.71	27.80	30.77	27.82	27.74	30.79	27.82	27.78	30.81
		1	26	27.67	27.63	30.66	27.52	27.47	30.51	27.17	27.15	30.17
		1	49	26.78	26.78	29.79	26.72	26.79	29.77	26.94	27.01	29.99
		25	0	27.31	27.39	30.36	27.43	27.41	30.43	27.36	27.34	30.36
		25	13	27.69	27.61	30.66	27.47	27.49	30.49	27.50	27.54	30.53
		25	26	26.86	26.79	29.84	26.76	26.69	29.74	26.77	26.72	29.76
		51	0	27.14	27.10	30.13	27.21	27.11	30.17	27.01	27.05	30.04
20M	CP 16QAM	1	1	26.68	26.69	29.70	26.92	26.97	29.96	27.16	27.14	30.16
20M	CP 64QAM	1	1	25.33	25.35	28.35	25.76	25.82	28.80	25.80	25.87	28.85
20M	CP 256QAM	1	1	23.85	23.84	26.86	23.46	23.51	26.50	23.95	23.86	26.92

NR Band 77												
BW	MCS Index	RB Size	RB Offset	Low			Mid			High		
		Channel		630500			633334			636166		
		Frequency (MHz)		3457.5			3500.01			3542.49		
		Tx Chain		Ant.3	Ant.5	Total	Ant.3	Ant.5	Total	Ant.3	Ant.5	Total
15M	CP QPSK	1	1	27.78	27.76	30.78	27.76	27.74	30.76	27.77	27.77	30.78
		1	19	27.63	27.71	30.68	27.52	27.63	30.59	27.16	27.07	30.13
		1	36	26.59	26.65	29.63	26.92	26.86	29.90	26.97	26.92	29.96
		18	0	27.46	27.41	30.45	27.32	27.28	30.31	27.40	27.45	30.44
		18	10	27.53	27.53	30.54	27.52	27.53	30.54	27.51	27.41	30.47
		18	20	26.85	26.83	29.85	26.65	26.64	29.66	26.75	26.69	29.73
		38	0	27.12	27.10	30.12	27.01	27.00	30.02	27.15	27.04	30.11
15M	CP 16QAM	1	1	26.57	26.66	29.63	26.90	26.84	29.88	27.27	27.32	30.31
15M	CP 64QAM	1	1	25.44	25.40	28.43	25.86	25.80	28.84	25.85	25.78	28.83
15M	CP 256QAM	1	1	23.87	23.90	26.90	23.44	23.48	26.47	23.97	23.89	26.94
BW	MCS Index	Channel		630334			633334			636332		
		Frequency (MHz)		3455.01			3500.01			3544.98		
10M	CP QPSK	1	1	27.80	27.80	30.81	27.76	27.73	30.76	27.82	27.79	30.82
		1	11	27.59	27.60	30.61	27.51	27.48	30.51	27.28	27.20	30.25
		1	22	26.71	26.63	29.68	26.86	26.84	29.86	26.81	26.82	29.83
		12	0	27.35	27.35	30.36	27.38	27.38	30.39	27.39	27.37	30.39
		12	6	27.58	27.60	30.60	27.57	27.67	30.63	27.52	27.55	30.55
		12	12	26.84	26.77	29.82	26.77	26.79	29.79	26.68	26.69	29.70
		24	0	27.16	27.10	30.14	27.01	27.02	30.03	27.05	27.00	30.04
10M	CP 16QAM	1	1	26.66	26.70	29.69	26.78	26.77	29.79	27.23	27.24	30.25
10M	CP 64QAM	1	1	25.31	25.34	28.34	25.83	25.90	28.88	25.75	25.83	28.80
10M	CP 256QAM	1	1	23.85	23.86	26.87	23.42	23.53	26.49	24.02	24.10	27.07

Mode B

NR Band 77												
BW	MCS Index	RB Size	RB Offset	Low			Mid			High		
		Channel		631668			633334			635000		
		Frequency (MHz)		3475.02			3500.01			3525		
		Tx Chain		Ant.3	Ant.5	Total	Ant.3	Ant.5	Total	Ant.3	Ant.5	Total
50M	CP QPSK	1	1	26.00	26.16	29.09	26.10	26.14	29.13	26.02	26.17	29.11
		1	67	25.82	26.00	28.92	25.90	25.86	28.89	25.31	25.54	28.44
		1	131	24.97	24.97	27.98	24.88	25.09	28.00	25.30	25.10	28.21
		64	0	25.58	25.45	28.53	25.57	25.58	28.59	25.46	25.58	28.53
		64	35	25.93	25.85	28.90	25.77	25.75	28.77	25.63	25.59	28.62
		64	69	25.03	24.97	28.01	25.00	25.00	28.01	24.95	24.88	27.93
		133	0	25.40	25.39	28.41	25.20	25.24	28.23	25.41	25.50	28.47
50M	CP 16QAM	1	1	24.98	24.83	27.92	25.21	25.25	28.24	25.35	25.42	28.40
50M	CP 64QAM	1	1	23.66	23.83	26.76	23.97	23.99	26.99	23.94	24.00	26.98
50M	CP 256QAM	1	1	21.94	22.05	25.01	21.75	21.65	24.71	22.17	22.25	25.22
BW	MCS Index	Channel		631334			633334			635332		
		Frequency (MHz)		3470.01			3500.01			3529.98		
40M	CP QPSK	1	1	25.96	26.01	29.00	26.17	26.09	29.14	26.00	26.02	29.02
		1	53	25.74	25.91	28.84	25.84	25.71	28.79	25.63	25.43	28.54
		1	104	25.08	24.97	28.04	25.10	25.01	28.07	25.09	25.16	28.14
		50	0	25.73	25.77	28.76	25.76	25.67	28.73	25.59	25.61	28.61
		50	28	26.06	25.79	28.94	25.79	25.76	28.79	25.82	25.65	28.75
		50	56	25.22	24.97	28.11	25.00	24.89	27.96	25.01	24.96	28.00
		106	0	25.20	25.38	28.30	25.24	25.14	28.20	25.23	25.25	28.25
40M	CP 16QAM	1	1	24.98	25.01	28.01	25.03	25.14	28.10	25.43	25.43	28.44
40M	CP 64QAM	1	1	23.65	23.66	26.67	24.03	23.93	26.99	24.20	24.20	27.21
40M	CP 256QAM	1	1	22.03	22.10	25.08	21.84	21.81	24.84	22.31	22.06	25.20



NR Band 77												
BW	MCS Index	RB Size	RB Offset	Low			Mid			High		
		Channel		631000			633334			635666		
		Frequency (MHz)		3465			3500.01			3534.99		
		Tx Chain		Ant.3	Ant.5	Total	Ant.3	Ant.5	Total	Ant.3	Ant.5	Total
30M	CP QPSK	1	1	26.00	25.98	29.00	26.05	26.11	29.09	26.04	25.90	28.98
		1	39	25.89	25.80	28.86	25.59	25.83	28.72	25.40	25.30	28.36
		1	76	24.83	24.83	27.84	24.97	24.99	27.99	25.14	24.98	28.07
		36	0	25.65	25.62	28.65	25.71	25.54	28.64	25.50	25.68	28.60
		36	21	25.87	25.79	28.84	25.82	25.91	28.88	25.77	25.56	28.68
		36	42	25.22	24.93	28.09	24.96	24.94	27.96	24.85	25.09	27.98
		78	0	25.17	25.22	28.21	25.29	25.23	28.27	25.26	25.21	28.25
30M	CP 16QAM	1	1	24.97	25.01	28.00	25.18	25.21	28.21	25.29	25.39	28.35
30M	CP 64QAM	1	1	23.86	23.76	26.82	24.17	24.06	27.13	24.22	24.14	27.19
30M	CP 256QAM	1	1	21.95	21.98	24.98	21.89	21.69	24.80	22.10	22.16	25.14
BW	MCS Index	Channel		630668			633334			636000		
		Frequency (MHz)		3460.02			3500.01			3540		
20M	CP QPSK	1	1	25.86	26.04	28.96	25.99	25.88	28.95	26.06	25.94	29.01
		1	26	25.97	25.88	28.94	25.82	25.74	28.79	25.55	25.41	28.49
		1	49	24.99	25.14	28.08	25.10	25.11	28.12	25.21	25.25	28.24
		25	0	25.54	25.73	28.65	25.56	25.75	28.67	25.57	25.66	28.63
		25	13	26.03	25.81	28.93	25.61	25.65	28.64	25.76	25.81	28.80
		25	26	25.23	25.07	28.16	25.13	24.94	28.05	25.04	24.87	27.97
		51	0	25.31	25.46	28.40	25.49	25.25	28.38	25.23	25.28	28.27
20M	CP 16QAM	1	1	25.02	24.92	27.98	25.13	25.11	28.13	25.28	25.52	28.41
20M	CP 64QAM	1	1	23.57	23.55	26.57	24.05	23.95	27.01	24.08	24.01	27.06
20M	CP 256QAM	1	1	22.20	22.22	25.22	21.73	21.79	24.77	22.07	22.18	25.14

NR Band 77												
BW	MCS Index	RB Size	RB Offset	Low			Mid			High		
		Channel		630500			633334			636166		
		Frequency (MHz)		3457.5			3500.01			3542.49		
		Tx Chain		Ant.3	Ant.5	Total	Ant.3	Ant.5	Total	Ant.3	Ant.5	Total
15M	CP QPSK	1	1	26.06	25.95	29.02	25.94	25.99	28.98	26.06	26.09	29.09
		1	19	25.86	26.00	28.94	25.70	25.88	28.80	25.33	25.45	28.40
		1	36	24.75	24.96	27.87	25.09	25.19	28.15	25.29	25.19	28.25
		18	0	25.69	25.58	28.65	25.65	25.62	28.65	25.61	25.77	28.70
		18	10	25.87	25.90	28.90	25.71	25.73	28.73	25.66	25.58	28.63
		18	20	25.00	25.09	28.06	25.01	25.00	28.02	25.02	24.84	27.94
		38	0	25.42	25.27	28.36	25.20	25.30	28.26	25.31	25.20	28.27
15M	CP 16QAM	1	1	24.94	24.94	27.95	25.25	25.19	28.23	25.47	25.57	28.53
15M	CP 64QAM	1	1	23.82	23.65	26.75	24.13	24.11	27.13	24.23	24.02	27.14
15M	CP 256QAM	1	1	22.00	22.07	25.05	21.73	21.79	24.77	22.30	22.12	25.22
BW	MCS Index	Channel		630334			633334			636332		
		Frequency (MHz)		3455.01			3500.01			3544.98		
10M	CP QPSK	1	1	26.04	25.99	29.03	26.08	26.00	29.05	26.00	25.91	28.97
		1	11	25.88	25.76	28.83	25.64	25.61	28.64	25.40	25.42	28.42
		1	22	24.90	25.00	27.96	25.10	25.08	28.10	25.17	25.11	28.15
		12	0	25.49	25.63	28.57	25.55	25.74	28.66	25.53	25.65	28.60
		12	6	25.73	25.97	28.86	25.78	25.90	28.85	25.74	25.86	28.81
		12	12	25.10	25.03	28.08	24.98	24.96	27.98	25.03	24.97	28.01
		24	0	25.41	25.37	28.40	25.27	25.22	28.26	25.22	25.13	28.19
10M	CP 16QAM	1	1	24.97	24.95	27.97	25.08	24.98	28.04	25.57	25.61	28.60
10M	CP 64QAM	1	1	23.57	23.60	26.60	24.14	24.10	27.13	24.11	24.00	27.07
10M	CP 256QAM	1	1	22.00	22.12	25.07	21.71	21.80	24.77	22.16	22.23	25.21

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

ps: Conducted output power is for reference, and its EIRP is mainly tested in radiated mode. SCS 30kHz is the worst for the final tests.

Mode A

NR Band 77												
BW	MCS Index	RB Size	RB Offset	Mid								
		Channel		633334								
		Frequency (MHz)		3500.01								
		Tx Chain		Ant.3			Ant.5			Total		
100M	CP QPSK	1	1	27.98			27.97			30.99		
		1	137	27.56			27.50			30.54		
		1	271	27.03			27.02			30.04		
		135	0	27.53			27.46			30.51		
		135	69	27.64			27.68			30.67		
		135	138	26.78			26.70			29.75		
		273	0	27.22			27.15			30.20		
100M	CP 16QAM	1	1	26.98			26.98			29.99		
100M	CP 64QAM	1	1	25.64			25.65			28.66		
100M	CP 256QAM	1	1	23.74			23.69			26.73		
BW	MCS Index	RB Size	RB Offset	Low			Mid			High		
		Channel		633000			633334			633666		
		Frequency (MHz)		3495			3500.01			3504.99		
		Tx Chain		Ant.3	Ant.5	Total	Ant.3	Ant.5	Total	Ant.3	Ant.5	Total
90M	CP QPSK	1	1	27.95	27.90	30.94	27.96	27.83	30.91	27.85	27.88	30.88
		1	123	27.76	27.80	30.79	27.65	27.56	30.62	27.32	27.25	30.30
		1	243	26.85	26.83	29.85	26.95	26.93	29.95	27.06	26.96	30.02
		120	0	27.54	27.52	30.54	27.51	27.44	30.49	27.54	27.56	30.56
		120	63	27.76	27.80	30.79	27.73	27.62	30.69	27.59	27.63	30.62
		120	125	26.94	26.83	29.90	26.82	26.80	29.82	26.88	26.78	29.84
		243	0	27.21	27.10	30.17	27.24	27.28	30.27	27.19	27.12	30.17
90M	CP 16QAM	1	1	26.80	26.80	29.81	27.02	26.97	30.01	27.37	27.38	30.39
90M	CP 64QAM	1	1	25.53	25.50	28.53	25.94	25.84	28.90	26.00	25.99	29.01
90M	CP 256QAM	1	1	23.98	23.94	26.97	23.68	23.63	26.67	24.11	24.01	27.07

NR Band 77												
BW	MCS Index	RB Size	RB Offset	Low			Mid			High		
		Channel		632668			633334			634000		
		Frequency (MHz)		3490.02			3500.01			3510		
		Tx Chain		Ant.3	Ant.5	Total	Ant.3	Ant.5	Total	Ant.3	Ant.5	Total
80M	CP QPSK	1	1	27.87	27.81	30.85	27.94	27.91	30.94	27.83	27.71	30.78
		1	109	27.68	27.60	30.65	27.68	27.56	30.63	27.21	27.12	30.18
		1	216	26.82	26.77	29.81	26.89	26.81	29.86	26.96	26.97	29.98
		108	0	27.53	27.56	30.56	27.54	27.50	30.53	27.45	27.41	30.44
		108	55	27.76	27.69	30.74	27.71	27.65	30.69	27.56	27.50	30.54
		108	109	26.89	26.87	29.89	26.79	26.81	29.81	26.81	26.77	29.80
		217	0	27.17	27.05	30.12	27.23	27.12	30.19	27.11	26.99	30.06
80M	CP 16QAM	1	1	26.74	26.64	29.70	26.97	26.94	29.97	27.38	27.34	30.37
80M	CP 64QAM	1	1	25.55	25.49	28.53	25.93	25.92	28.94	26.00	26.00	29.01
80M	CP 256QAM	1	1	23.89	23.90	26.91	23.66	23.54	26.61	24.14	24.02	27.09
BW	MCS Index	Channel		632334			633334			634332		
		Frequency (MHz)		3485.01			3500.01			3514.98		
70M	CP QPSK	1	1	27.85	27.75	30.81	27.93	27.89	30.92	27.74	27.73	30.75
		1	95	27.73	27.65	30.70	27.59	27.55	30.58	27.35	27.35	30.36
		1	187	26.88	26.81	29.86	26.93	26.86	29.91	27.01	26.93	29.98
		90	0	27.54	27.44	30.50	27.49	27.42	30.47	27.57	27.49	30.54
		90	50	27.73	27.65	30.70	27.68	27.70	30.70	27.62	27.59	30.62
		90	99	26.93	26.84	29.90	26.77	26.66	29.73	26.86	26.83	29.86
		189	0	27.12	27.02	30.08	27.22	27.09	30.17	27.16	27.06	30.12
70M	CP16QAM	1	1	26.81	26.82	29.83	26.97	26.89	29.94	27.38	27.36	30.38
70M	CP 64QAM	1	1	25.42	25.36	28.40	25.89	25.79	28.85	25.97	26.01	29.00
70M	CP 256QAM	1	1	23.90	23.83	26.88	23.68	23.66	26.68	24.02	23.99	27.02



NR Band 77												
BW	MCS Index	RB Size	RB Offset	Low			Mid			High		
		Channel		632000			633334			634666		
		Frequency (MHz)		3480			3500.01			3519.99		
		Tx Chain		Ant.3	Ant.5	Total	Ant.3	Ant.5	Total	Ant.3	Ant.5	Total
60M	CP QPSK	1	1	27.87	27.78	30.84	27.93	27.80	30.88	27.83	27.75	30.80
		1	81	27.69	27.61	30.66	27.54	27.49	30.53	27.28	27.28	30.29
		1	160	26.79	26.77	29.79	26.90	26.90	29.91	27.03	26.95	30.00
		81	0	27.47	27.45	30.47	27.52	27.48	30.51	27.55	27.57	30.57
		81	41	27.69	27.64	30.68	27.62	27.55	30.60	27.60	27.47	30.55
		81	81	26.87	26.85	29.87	26.72	26.69	29.72	26.80	26.72	29.77
		162	0	27.24	27.24	30.25	27.14	27.13	30.15	27.16	27.09	30.14
60M	CP 16QAM	1	1	26.75	26.68	29.73	26.96	26.96	29.97	27.36	27.27	30.33
60M	CP 64QAM	1	1	25.53	25.42	28.49	25.95	25.93	28.95	25.98	26.00	29.00
60M	CP 256QAM	1	1	23.96	23.92	26.95	23.62	23.49	26.57	24.09	24.11	27.11
BW	MCS Index	Channel		631668			633334			635000		
		Frequency (MHz)		3475.02			3500.01			3525		
50M	CP QPSK	1	1	27.94	27.96	30.96	27.86	27.78	30.83	27.86	27.76	30.82
		1	67	27.69	27.63	30.67	27.66	27.54	30.61	27.30	27.29	30.31
		1	131	26.84	26.77	29.82	26.84	26.84	29.85	27.07	27.09	30.09
		64	0	27.45	27.38	30.43	27.50	27.38	30.45	27.43	27.38	30.42
		64	35	27.78	27.68	30.74	27.68	27.58	30.64	27.53	27.55	30.55
		64	69	26.85	26.83	29.85	26.80	26.78	29.80	26.82	26.77	29.81
		133	0	27.19	27.19	30.20	27.14	27.14	30.15	27.21	27.09	30.16
50M	CP 16QAM	1	1	26.80	26.84	29.83	26.97	26.96	29.98	27.31	27.33	30.33
50M	CP 64QAM	1	1	25.56	25.57	28.58	25.90	25.80	28.86	25.93	25.93	28.94
50M	CP 256QAM	1	1	23.94	23.98	26.97	23.63	23.53	26.59	24.08	24.10	27.10

NR Band 77												
BW	MCS Index	RB Size	RB Offset	Low			Mid			High		
		Channel		631334			633334			635332		
		Frequency (MHz)		3470.01			3500.01			3529.98		
		Tx Chain		Ant.3	Ant.5	Total	Ant.3	Ant.5	Total	Ant.3	Ant.5	Total
40M	CP QPSK	1	1	27.87	27.89	30.89	27.91	27.93	30.93	27.83	27.80	30.83
		1	53	27.75	27.70	30.74	27.63	27.55	30.60	27.32	27.30	30.32
		1	104	26.88	26.82	29.86	26.88	26.82	29.86	27.03	27.03	30.04
		50	0	27.55	27.42	30.50	27.54	27.54	30.55	27.43	27.42	30.44
		50	28	27.78	27.76	30.78	27.68	27.56	30.63	27.57	27.52	30.56
		50	56	26.96	27.00	29.99	26.79	26.77	29.79	26.89	26.86	29.89
		106	0	27.18	27.18	30.19	27.15	27.04	30.11	27.18	27.06	30.13
40M	CP 16QAM	1	1	26.77	26.70	29.75	26.92	26.89	29.92	27.30	27.33	30.33
40M	CP 64QAM	1	1	25.42	25.36	28.40	25.86	25.78	28.83	25.97	26.01	29.00
40M	CP 256QAM	1	1	23.87	23.76	26.83	23.57	23.57	26.58	24.04	24.06	27.06
BW	MCS Index	Channel		631000			633334			635666		
		Frequency (MHz)		3465			3500.01			3534.99		
30M	CP QPSK	1	1	27.91	27.94	30.94	27.89	27.86	30.89	27.78	27.76	30.78
		1	39	27.66	27.63	30.66	27.56	27.50	30.54	27.29	27.29	30.30
		1	76	26.75	26.63	29.70	26.87	26.79	29.84	26.95	26.91	29.94
		36	0	27.56	27.50	30.54	27.47	27.47	30.48	27.43	27.39	30.42
		36	21	27.66	27.57	30.63	27.69	27.70	30.71	27.52	27.53	30.54
		36	42	26.90	26.85	29.89	26.74	26.61	29.69	26.82	26.75	29.80
		78	0	27.11	27.07	30.10	27.24	27.14	30.20	27.13	27.07	30.11
30M	CP 16QAM	1	1	26.70	26.59	29.66	26.93	26.92	29.94	27.28	27.30	30.30
30M	CP 64QAM	1	1	25.55	25.57	28.57	25.87	25.78	28.84	25.90	25.78	28.85
30M	CP 256QAM	1	1	23.97	23.84	26.92	23.65	23.60	26.64	24.06	24.10	27.09



NR Band 77												
BW	MCS Index	RB Size	RB Offset	Low			Mid			High		
		Channel		630668			633334			636000		
		Frequency (MHz)		3460.02			3500.01			3540		
		Tx Chain		Ant.3	Ant.5	Total	Ant.3	Ant.5	Total	Ant.3	Ant.5	Total
20M	CP QPSK	1	1	27.86	27.78	30.83	27.94	27.87	30.92	27.88	27.81	30.86
		1	26	27.74	27.78	30.77	27.57	27.57	30.58	27.23	27.26	30.26
		1	49	26.84	26.73	29.80	26.86	26.87	29.88	27.09	27.08	30.10
		25	0	27.45	27.49	30.48	27.50	27.47	30.50	27.45	27.43	30.45
		25	13	27.73	27.65	30.70	27.62	27.63	30.64	27.59	27.57	30.59
		25	26	26.95	26.95	29.96	26.80	26.74	29.78	26.86	26.85	29.87
		51	0	27.23	27.25	30.25	27.27	27.17	30.23	27.14	27.11	30.14
20M	CP 16QAM	1	1	26.73	26.76	29.76	27.01	26.90	29.97	27.30	27.19	30.26
20M	CP 64QAM	1	1	25.48	25.48	28.49	25.91	25.93	28.93	25.95	25.83	28.90
20M	CP 256QAM	1	1	23.93	23.91	26.93	23.61	23.60	26.62	24.00	23.98	27.00
BW	MCS Index	Channel		630500			633334			636166		
		Frequency (MHz)		3457.5			3500.01			3542.49		
15M	CP QPSK	1	1	27.93	27.86	30.91	27.87	27.86	30.88	27.83	27.78	30.82
		1	19	27.79	27.82	30.82	27.68	27.58	30.64	27.21	27.09	30.16
		1	36	26.75	26.64	29.71	26.96	26.98	29.98	27.06	27.01	30.05
		18	0	27.57	27.47	30.53	27.43	27.37	30.41	27.51	27.50	30.52
		18	10	27.67	27.59	30.64	27.65	27.53	30.60	27.56	27.59	30.59
		18	20	26.90	26.78	29.85	26.77	26.67	29.73	26.79	26.72	29.77
		38	0	27.20	27.17	30.20	27.15	27.09	30.13	27.20	27.10	30.16
15M	CP 16QAM	1	1	26.70	26.73	29.73	26.96	26.95	29.97	27.38	27.32	30.36
15M	CP 64QAM	1	1	25.51	25.47	28.50	25.90	25.91	28.92	25.89	25.84	28.88
15M	CP 256QAM	1	1	24.01	23.92	26.98	23.58	23.60	26.60	24.02	23.89	26.97



NR Band 77												
BW	MCS Index	RB Size	RB Offset	Low			Mid			High		
		Channel		630334			633334			636332		
		Frequence (MHz)		3455.01			3500.01			3544.98		
		Tx Chain		Ant.3	Ant.5	Total	Ant.3	Ant.5	Total	Ant.3	Ant.5	Total
10M	CP QPSK	1	1	27.90	27.90	30.91	27.85	27.86	30.87	27.88	27.83	30.87
		1	11	27.69	27.63	30.67	27.63	27.55	30.60	27.34	27.28	30.32
		1	22	26.75	26.77	29.77	26.97	26.97	29.98	26.96	26.88	29.93
		12	0	27.50	27.39	30.46	27.42	27.46	30.45	27.44	27.35	30.41
		12	6	27.71	27.70	30.72	27.73	27.65	30.70	27.60	27.59	30.61
		12	12	26.90	26.86	29.89	26.85	26.84	29.86	26.80	26.68	29.75
		24	0	27.24	27.21	30.24	27.17	27.18	30.19	27.11	27.03	30.08
10M	CP 16QAM	1	1	26.74	26.76	29.76	26.92	26.92	29.93	27.35	27.35	30.36
10M	CP 64QAM	1	1	25.47	25.44	28.47	25.97	25.99	28.99	25.90	25.86	28.89
10M	CP 256QAM	1	1	23.93	23.84	26.90	23.57	23.52	26.56	24.14	24.05	27.11



Mode B

NR Band 77												
BW	MCS Index	RB Size	RB Offset	Mid								
		Channel		633334								
		Frequency (MHz)		3500.01								
		Tx Chain		Ant.3			Ant.5			Total		
100M	CP QPSK	1	1	26.13	26.00			29.08				
		1	137	25.61	25.61			28.62				
		1	271	25.13	25.08			28.12				
		135	0	25.64	25.57			28.62				
		135	69	25.75	25.71			28.74				
		135	138	24.89	24.74			27.83				
		273	0	25.28	25.24			28.27				
100M	CP 16QAM	1	1	25.07	25.03			28.06				
100M	CP 64QAM	1	1	23.76	23.70			26.74				
100M	CP 256QAM	1	1	21.80	21.73			24.78				
BW	MCS Index	RB Size	RB Offset	Low			Mid			High		
		Channel		633000			633334			633666		
		Frequency (MHz)		3495			3500.01			3504.99		
		Tx Chain		Ant.3	Ant.5	Total	Ant.3	Ant.5	Total	Ant.3	Ant.5	Total
90M	CP QPSK	1	1	26.06	26.05	29.07	26.11	25.93	29.03	25.97	25.92	28.96
		1	123	25.81	25.93	28.88	25.79	25.59	28.70	25.35	25.40	28.39
		1	243	24.88	24.90	27.90	25.03	25.03	28.04	25.21	25.08	28.16
		120	0	25.57	25.58	28.59	25.62	25.50	28.57	25.69	25.67	28.69
		120	63	25.88	25.86	28.88	25.85	25.72	28.80	25.66	25.69	28.69
		120	125	25.07	24.88	27.99	24.93	24.88	27.92	25.03	24.83	27.94
		243	0	25.34	25.21	28.29	25.29	25.32	28.32	25.29	25.15	28.23
90M	CP 16QAM	1	1	24.83	24.94	27.90	25.06	25.02	28.05	25.51	25.45	28.49
90M	CP 64QAM	1	1	23.68	23.56	26.63	24.06	23.88	26.98	24.08	24.11	27.11
90M	CP 256QAM	1	1	22.07	22.05	25.07	21.74	21.72	24.74	22.19	22.11	25.16



NR Band 77												
BW	MCS Index	RB Size	RB Offset	Low			Mid			High		
		Channel		632668			633334			634000		
		Frequency (MHz)		3490.02			3500.01			3510		
		Tx Chain		Ant.3	Ant.5	Total	Ant.3	Ant.5	Total	Ant.3	Ant.5	Total
80M	CP QPSK	1	1	26.00	25.88	28.95	26.07	25.94	29.02	25.89	25.85	28.88
		1	109	25.75	25.69	28.73	25.72	25.61	28.68	25.29	25.24	28.28
		1	216	24.93	24.88	27.92	25.03	24.94	28.00	25.11	25.02	28.08
		108	0	25.61	25.67	28.65	25.63	25.61	28.63	25.48	25.45	28.48
		108	55	25.82	25.78	28.81	25.80	25.70	28.76	25.63	25.56	28.61
		108	109	24.96	24.91	27.95	24.84	24.84	27.85	24.88	24.86	27.88
		217	0	25.32	25.19	28.27	25.37	25.22	28.31	25.25	25.04	28.16
80M	CP 16QAM	1	1	24.86	24.74	27.81	25.00	25.04	28.03	25.47	25.47	28.48
80M	CP 64QAM	1	1	23.59	23.57	26.59	23.99	23.99	27.00	24.13	24.07	27.11
80M	CP 256QAM	1	1	21.99	21.96	24.99	21.76	21.61	24.70	22.17	22.12	25.16
BW	MCS Index	Channel		632334			633334			634332		
		Frequency (MHz)		3485.01			3500.01			3514.98		
70M	CP QPSK	1	1	25.95	25.86	28.92	26.04	25.95	29.01	25.89	25.82	28.87
		1	95	25.80	25.79	28.81	25.67	25.65	28.67	25.44	25.39	28.43
		1	187	24.91	24.89	27.91	24.97	24.93	27.96	25.10	24.96	28.04
		90	0	25.68	25.56	28.63	25.64	25.52	28.59	25.71	25.64	28.69
		90	50	25.81	25.72	28.78	25.76	25.76	28.77	25.65	25.72	28.70
		90	99	25.06	24.98	28.03	24.83	24.70	27.78	24.89	24.90	27.91
		189	0	25.19	25.09	28.15	25.37	25.15	28.27	25.25	25.13	28.20
70M	CP16QAM	1	1	24.89	24.90	27.91	25.02	24.96	28.00	25.50	25.50	28.51
70M	CP 64QAM	1	1	23.53	23.47	26.51	23.95	23.85	26.91	24.09	24.14	27.13
70M	CP 256QAM	1	1	22.03	21.97	25.01	21.79	21.77	24.79	22.14	22.13	25.15



NR Band 77												
BW	MCS Index	RB Size	RB Offset	Low			Mid			High		
		Channel		632000			633334			634666		
		Frequency (MHz)		3480			3500.01			3519.99		
		Tx Chain		Ant.3	Ant.5	Total	Ant.3	Ant.5	Total	Ant.3	Ant.5	Total
60M	CP QPSK	1	1	25.93	25.87	28.91	26.02	25.92	28.98	25.92	25.87	28.91
		1	81	25.81	25.70	28.77	25.61	25.63	28.63	25.33	25.31	28.33
		1	160	24.90	24.81	27.87	25.02	24.95	28.00	25.18	25.07	28.14
		81	0	25.53	25.59	28.57	25.56	25.53	28.56	25.65	25.72	28.70
		81	41	25.79	25.77	28.79	25.73	25.60	28.68	25.63	25.52	28.59
		81	81	25.02	24.91	27.98	24.79	24.74	27.78	24.93	24.83	27.89
		162	0	25.32	25.39	28.37	25.19	25.22	28.22	25.31	25.19	28.26
60M	CP 16QAM	1	1	24.89	24.83	27.87	24.99	25.02	28.02	25.39	25.42	28.42
60M	CP 64QAM	1	1	23.65	23.48	26.58	24.10	24.07	27.10	24.03	24.10	27.08
60M	CP 256QAM	1	1	22.06	22.02	25.05	21.69	21.60	24.66	22.19	22.14	25.18
BW	MCS Index	Channel		631668			633334			635000		
		Frequency (MHz)		3475.02			3500.01			3525		
50M	CP QPSK	1	1	25.97	26.02	29.01	25.91	25.86	28.90	26.01	25.86	28.95
		1	67	25.80	25.66	28.74	25.79	25.64	28.73	25.36	25.38	28.38
		1	131	24.90	24.89	27.91	24.94	24.92	27.94	25.19	25.16	28.19
		64	0	25.60	25.52	28.57	25.56	25.49	28.54	25.50	25.44	28.48
		64	35	25.84	25.75	28.81	25.73	25.70	28.73	25.68	25.58	28.64
		64	69	24.90	24.95	27.94	24.92	24.85	27.90	24.86	24.88	27.88
		133	0	25.31	25.24	28.29	25.21	25.25	28.24	25.28	25.14	28.22
50M	CP 16QAM	1	1	24.94	24.99	27.98	25.02	25.11	28.08	25.39	25.36	28.39
50M	CP 64QAM	1	1	23.71	23.64	26.69	24.03	23.88	26.97	24.04	24.08	27.07
50M	CP 256QAM	1	1	22.01	22.11	25.07	21.78	21.59	24.70	22.17	22.24	25.22



NR Band 77												
BW	MCS Index	RB Size	RB Offset	Low			Mid			High		
		Channel		631334			633334			635332		
		Frequency (MHz)		3470.01			3500.01			3529.98		
		Tx Chain		Ant.3	Ant.5	Total	Ant.3	Ant.5	Total	Ant.3	Ant.5	Total
40M	CP QPSK	1	1	25.99	25.93	28.97	25.96	26.08	29.03	25.89	25.95	28.93
		1	53	25.88	25.75	28.83	25.77	25.67	28.73	25.35	25.39	28.38
		1	104	24.95	24.89	27.93	24.92	24.85	27.90	25.14	25.07	28.12
		50	0	25.58	25.54	28.57	25.65	25.60	28.64	25.55	25.53	28.55
		50	28	25.88	25.83	28.87	25.76	25.62	28.70	25.72	25.62	28.68
		50	56	25.06	25.11	28.10	24.84	24.82	27.84	24.93	24.96	27.96
		106	0	25.22	25.27	28.26	25.27	25.17	28.23	25.21	25.14	28.19
40M	CP 16QAM	1	1	24.87	24.76	27.83	25.07	24.93	28.01	25.35	25.45	28.41
40M	CP 64QAM	1	1	23.51	23.43	26.48	23.99	23.84	26.93	24.04	24.10	27.08
40M	CP 256QAM	1	1	21.95	21.84	24.91	21.72	21.70	24.72	22.15	22.14	25.16
BW	MCS Index	Channel		631000			633334			635666		
		Frequency (MHz)		3465			3500.01			3534.99		
30M	CP QPSK	1	1	25.99	26.00	29.01	26.03	25.97	29.01	25.85	25.86	28.87
		1	39	25.78	25.67	28.74	25.65	25.62	28.65	25.37	25.37	28.38
		1	76	24.90	24.78	27.85	24.91	24.86	27.90	25.01	24.97	28.00
		36	0	25.69	25.56	28.64	25.58	25.54	28.57	25.46	25.44	28.46
		36	21	25.76	25.70	28.74	25.81	25.83	28.83	25.67	25.63	28.66
		36	42	24.99	25.00	28.01	24.81	24.64	27.74	24.86	24.80	27.84
		78	0	25.20	25.22	28.22	25.35	25.26	28.32	25.19	25.11	28.16
30M	CP 16QAM	1	1	24.75	24.70	27.74	25.08	25.04	28.07	25.42	25.35	28.40
30M	CP 64QAM	1	1	23.69	23.68	26.70	23.96	23.81	26.90	23.93	23.89	26.92
30M	CP 256QAM	1	1	22.12	21.87	25.01	21.80	21.74	24.78	22.16	22.25	25.22



NR Band 77												
BW	MCS Index	RB Size	RB Offset	Low			Mid			High		
		Channel		630668			633334			636000		
		Frequency (MHz)		3460.02			3500.01			3540		
		Tx Chain		Ant.3	Ant.5	Total	Ant.3	Ant.5	Total	Ant.3	Ant.5	Total
20M	CP QPSK	1	1	25.90	25.81	28.87	25.98	25.97	28.99	25.96	25.87	28.93
		1	26	25.86	25.92	28.90	25.70	25.68	28.70	25.36	25.31	28.35
		1	49	24.96	24.87	27.93	24.92	24.94	27.94	25.17	25.23	28.21
		25	0	25.54	25.61	28.59	25.59	25.52	28.57	25.52	25.52	28.53
		25	13	25.81	25.75	28.79	25.69	25.74	28.73	25.64	25.69	28.68
		25	26	25.01	25.06	28.05	24.84	24.83	27.85	24.91	24.97	27.95
		51	0	25.30	25.28	28.30	25.34	25.22	28.29	25.26	25.23	28.26
20M	CP 16QAM	1	1	24.80	24.84	27.83	25.10	25.05	28.09	25.43	25.22	28.34
20M	CP 64QAM	1	1	23.51	23.51	26.52	23.98	24.05	27.03	24.07	23.89	26.99
20M	CP 256QAM	1	1	22.07	22.03	25.06	21.71	21.67	24.70	22.07	22.01	25.05
BW	MCS Index	Channel		630500			633334			636166		
		Frequency (MHz)		3457.5			3500.01			3542.49		
15M	CP QPSK	1	1	25.97	25.96	28.98	25.97	25.91	28.95	25.96	25.81	28.90
		1	19	25.85	25.93	28.90	25.77	25.71	28.75	25.32	25.17	28.26
		1	36	24.87	24.78	27.84	25.00	25.09	28.06	25.18	25.13	28.17
		18	0	25.64	25.57	28.62	25.52	25.43	28.49	25.62	25.54	28.59
		18	10	25.70	25.64	28.68	25.74	25.57	28.67	25.71	25.63	28.68
		18	20	24.95	24.90	27.94	24.89	24.75	27.83	24.90	24.77	27.85
		38	0	25.25	25.24	28.26	25.29	25.19	28.25	25.32	25.23	28.29
15M	CP 16QAM	1	1	24.79	24.85	27.83	25.08	25.06	28.08	25.53	25.35	28.45
15M	CP 64QAM	1	1	23.65	23.60	26.64	24.02	23.99	27.02	23.93	23.93	26.94
15M	CP 256QAM	1	1	22.04	21.98	25.02	21.69	21.66	24.69	22.15	21.95	25.06



NR Band 77												
BW	MCS Index	RB Size	RB Offset	Low			Mid			High		
		Channel		630334			633334			636332		
		Frequence (MHz)		3455.01			3500.01			3544.98		
		Tx Chain		Ant.3	Ant.5	Total	Ant.3	Ant.5	Total	Ant.3	Ant.5	Total
10M	CP QPSK	1	1	25.99	25.96	28.99	25.94	26.01	28.99	25.98	25.90	28.95
		1	11	25.76	25.69	28.74	25.72	25.62	28.68	25.48	25.35	28.43
		1	22	24.81	24.92	27.88	25.07	25.11	28.10	24.99	25.01	28.01
		12	0	25.58	25.49	28.55	25.45	25.61	28.54	25.54	25.45	28.51
		12	6	25.78	25.85	28.83	25.81	25.69	28.76	25.71	25.66	28.70
		12	12	25.01	24.93	27.98	24.95	24.91	27.94	24.89	24.72	27.82
		24	0	25.32	25.33	28.34	25.23	25.26	28.26	25.16	25.16	28.17
10M	CP 16QAM	1	1	24.83	24.82	27.84	25.06	24.96	28.02	25.42	25.46	28.45
10M	CP 64QAM	1	1	23.57	23.56	26.58	24.04	24.11	27.09	23.93	23.95	26.95
10M	CP 256QAM	1	1	22.03	21.96	25.01	21.67	21.59	24.64	22.24	22.08	25.17

Mode A
Modulation Type: QPSK

NR Band 77, Channel Bandwidth 10MHz

Mode		TX channel 630334, 633334, 636332						
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	3455.01	26.89	30.00	-3.11	1.64 H	245	87.13	-60.24
2	3500.01	27.16	30.00	-2.84	1.73 H	246	87.09	-59.93
3	3544.98	27.14	30.00	-2.86	1.71 H	247	86.89	-59.75
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	3455.01	26.03	30.00	-3.97	1.61 V	295	86.27	-60.24
2	3500.01	26.19	30.00	-3.81	1.66 V	296	86.12	-59.93
3	3544.98	26.38	30.00	-3.62	1.67 V	300	86.13	-59.75

Remarks:

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

NR Band 77, Channel Bandwidth 15MHz

Mode		TX channel 630500, 633334, 636166						
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	3457.50	26.71	30.00	-3.29	1.73 H	249	86.94	-60.23
2	3500.01	26.88	30.00	-3.12	1.72 H	242	86.81	-59.93
3	3542.49	27.40	30.00	-2.60	1.73 H	243	87.16	-59.76
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	3457.50	25.88	30.00	-4.12	1.65 V	302	86.11	-60.23
2	3500.01	26.16	30.00	-3.84	1.63 V	297	86.09	-59.93
3	3542.49	26.27	30.00	-3.73	1.70 V	298	86.03	-59.76

Remarks:

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

NR Band 77, Channel Bandwidth 20MHz

Mode		TX channel 630668, 633334, 636000						
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	3460.02	26.92	30.00	-3.08	1.68 H	244	87.13	-60.21
2	3500.01	26.88	30.00	-3.12	1.72 H	242	86.81	-59.93
3	3540.00	27.07	30.00	-2.93	1.66 H	244	86.83	-59.76
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	3460.02	25.96	30.00	-4.04	1.66 V	299	86.17	-60.21
2	3500.01	26.16	30.00	-3.84	1.63 V	297	86.09	-59.93
3	3540.00	26.62	30.00	-3.38	1.71 V	296	86.38	-59.76

Remarks:

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

NR Band 77, Channel Bandwidth 30MHz

Mode		TX channel 631000, 633334, 635666						
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	3465.00	26.98	30.00	-3.02	1.69 H	246	87.15	-60.17
2	3500.01	27.12	30.00	-2.88	1.66 H	248	87.05	-59.93
3	3534.99	27.33	30.00	-2.67	1.71 H	248	87.12	-59.79
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	3465.00	25.98	30.00	-4.02	1.64 V	298	86.15	-60.17
2	3500.01	26.48	30.00	-3.52	1.65 V	295	86.41	-59.93
3	3534.99	26.59	30.00	-3.41	1.66 V	299	86.38	-59.79

Remarks:

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

NR Band 77, Channel Bandwidth 40MHz

Mode		TX channel 631334, 633334, 635332						
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	3470.01	27.02	30.00	-2.98	1.67 H	247	87.16	-60.14
2	3500.01	27.02	30.00	-2.98	1.70 H	245	86.95	-59.93
3	3529.98	26.88	30.00	-3.12	1.67 H	244	86.69	-59.81
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	3470.01	25.99	30.00	-4.01	1.65 V	299	86.13	-60.14
2	3500.01	26.45	30.00	-3.55	1.61 V	297	86.38	-59.93
3	3529.98	26.71	30.00	-3.29	1.66 V	297	86.52	-59.81

Remarks:

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

NR Band 77, Channel Bandwidth 50MHz

Mode		TX channel 631668, 633334, 635000						
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	3475.02	27.05	30.00	-2.95	1.71 H	247	87.15	-60.10
2	3500.01	26.85	30.00	-3.15	1.67 H	246	86.78	-59.93
3	3525.00	27.14	30.00	-2.86	1.73 H	242	86.97	-59.83
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	3475.02	26.16	30.00	-3.84	1.70 V	302	86.26	-60.10
2	3500.01	26.10	30.00	-3.90	1.70 V	295	86.03	-59.93
3	3525.00	26.54	30.00	-3.46	1.63 V	296	86.37	-59.83

Remarks:

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

NR Band 77, Channel Bandwidth 60MHz

Mode		TX channel 632000, 633334, 634666						
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	3480.00	26.95	30.00	-3.05	1.69 H	248	87.02	-60.07
2	3500.01	26.83	30.00	-3.17	1.70 H	247	86.76	-59.93
3	3519.99	26.88	30.00	-3.12	1.67 H	245	86.73	-59.85
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	3480.00	26.08	30.00	-3.92	1.66 V	301	86.15	-60.07
2	3500.01	26.45	30.00	-3.55	1.61 V	295	86.38	-59.93
3	3519.99	26.37	30.00	-3.63	1.72 V	299	86.22	-59.85

Remarks:

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

NR Band 77, Channel Bandwidth 70MHz

Mode		TX channel 632334, 633334, 634332						
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	3485.01	26.79	30.00	-3.21	1.65 H	245	86.82	-60.03
2	3500.01	27.24	30.00	-2.76	1.72 H	242	87.17	-59.93
3	3514.98	26.95	30.00	-3.05	1.71 H	244	86.82	-59.87
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	3485.01	26.06	30.00	-3.94	1.70 V	295	86.09	-60.03
2	3500.01	26.31	30.00	-3.69	1.64 V	299	86.24	-59.93
3	3514.98	26.18	30.00	-3.82	1.68 V	300	86.05	-59.87

Remarks:

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

NR Band 77, Channel Bandwidth 80MHz

Mode		TX channel 632668, 633334, 634000						
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	3490.02	27.15	30.00	-2.85	1.65 H	247	87.15	-60.00
2	3500.01	26.84	30.00	-3.16	1.66 H	243	86.77	-59.93
3	3510.00	27.08	30.00	-2.92	1.67 H	247	86.97	-59.89
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	3490.02	26.26	30.00	-3.74	1.66 V	302	86.26	-60.00
2	3500.01	26.10	30.00	-3.90	1.61 V	296	86.03	-59.93
3	3510.00	26.48	30.00	-3.52	1.68 V	302	86.37	-59.89

Remarks:

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

NR Band 77, Channel Bandwidth 90MHz

Mode		TX channel 633000, 633334, 633666						
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	3495.00	26.86	30.00	-3.14	1.66 H	242	86.82	-59.96
2	3500.01	27.24	30.00	-2.76	1.69 H	248	87.17	-59.93
3	3504.99	26.90	30.00	-3.10	1.69 H	247	86.81	-59.91
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	3495.00	26.13	30.00	-3.87	1.67 V	298	86.09	-59.96
2	3500.01	26.31	30.00	-3.69	1.67 V	299	86.24	-59.93
3	3504.99	26.14	30.00	-3.86	1.65 V	302	86.05	-59.91

Remarks:

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

NR Band 77, Channel Bandwidth 100MHz

Mode		TX channel 633334						
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	3500.01	27.31	30.00	-2.69	1.68 H	245	87.24	-59.93
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	3500.01	26.63	30.00	-3.37	1.65 V	298	86.56	-59.93

Remarks:

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

Modulation Type: 16QAM

NR Band 77, Channel Bandwidth 10MHz

Mode		TX channel 630334, 633334, 636332						
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	3455.01	25.91	30.00	-4.09	1.63 H	248	86.15	-60.24
2	3500.01	26.16	30.00	-3.84	1.63 H	249	86.09	-59.93
3	3544.98	26.15	30.00	-3.85	1.72 H	248	85.90	-59.75
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	3455.01	25.01	30.00	-4.99	1.64 V	299	85.25	-60.24
2	3500.01	25.18	30.00	-4.82	1.69 V	300	85.11	-59.93
3	3544.98	25.38	30.00	-4.62	1.64 V	299	85.13	-59.75

Remarks:

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

NR Band 77, Channel Bandwidth 15MHz

Mode		TX channel 630500, 633334, 636166						
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	3457.50	25.69	30.00	-4.31	1.70 H	243	85.92	-60.23
2	3500.01	26.19	30.00	-3.81	1.63 H	245	86.12	-59.93
3	3542.49	26.41	30.00	-3.59	1.64 H	246	86.17	-59.76
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	3457.50	24.86	30.00	-5.14	1.65 V	297	85.09	-60.23
2	3500.01	25.32	30.00	-4.68	1.60 V	302	85.25	-59.93
3	3542.49	25.23	30.00	-4.77	1.67 V	297	84.99	-59.76

Remarks:

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

NR Band 77, Channel Bandwidth 20MHz

Mode		TX channel 630668, 633334, 636000						
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	3460.02	25.90	30.00	-4.10	1.66 H	242	86.11	-60.21
2	3500.01	25.89	30.00	-4.11	1.64 H	249	85.82	-59.93
3	3540.00	26.09	30.00	-3.91	1.71 H	242	85.85	-59.76
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	3460.02	24.97	30.00	-5.03	1.62 V	301	85.18	-60.21
2	3500.01	25.15	30.00	-4.85	1.60 V	299	85.08	-59.93
3	3540.00	25.63	30.00	-4.37	1.67 V	295	85.39	-59.76

Remarks:

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

NR Band 77, Channel Bandwidth 30MHz

Mode		TX channel 631000, 633334, 635666						
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	3465.00	25.99	30.00	-4.01	1.71 H	249	86.16	-60.17
2	3500.01	26.13	30.00	-3.87	1.72 H	248	86.06	-59.93
3	3534.99	26.35	30.00	-3.65	1.71 H	244	86.14	-59.79
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	3465.00	24.99	30.00	-5.01	1.60 V	296	85.16	-60.17
2	3500.01	25.49	30.00	-4.51	1.68 V	297	85.42	-59.93
3	3534.99	25.58	30.00	-4.42	1.64 V	302	85.37	-59.79

Remarks:

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

NR Band 77, Channel Bandwidth 40MHz

Mode		TX channel 631334, 633334, 635332						
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	3470.01	26.01	30.00	-3.99	1.72 H	246	86.15	-60.14
2	3500.01	26.01	30.00	-3.99	1.68 H	245	85.94	-59.93
3	3529.98	25.90	30.00	-4.10	1.66 H	249	85.71	-59.81
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	3470.01	24.99	30.00	-5.01	1.63 V	299	85.13	-60.14
2	3500.01	25.43	30.00	-4.57	1.61 V	296	85.36	-59.93
3	3529.98	25.71	30.00	-4.29	1.70 V	302	85.52	-59.81

Remarks:

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

NR Band 77, Channel Bandwidth 50MHz

Mode		TX channel 631668, 633334, 635000						
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	3475.02	26.06	30.00	-3.94	1.67 H	244	86.16	-60.10
2	3500.01	25.83	30.00	-4.17	1.67 H	246	85.76	-59.93
3	3525.00	26.14	30.00	-3.86	1.67 H	243	85.97	-59.83
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	3475.02	25.18	30.00	-4.82	1.63 V	298	85.28	-60.10
2	3500.01	25.08	30.00	-4.92	1.69 V	299	85.01	-59.93
3	3525.00	25.56	30.00	-4.44	1.60 V	301	85.39	-59.83

Remarks:

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

NR Band 77, Channel Bandwidth 60MHz

Mode		TX channel 632000, 633334, 634666						
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	3480.00	25.96	30.00	-4.04	1.69 H	242	86.03	-60.07
2	3500.01	25.82	30.00	-4.18	1.70 H	244	85.75	-59.93
3	3519.99	25.86	30.00	-4.14	1.70 H	248	85.71	-59.85
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	3480.00	25.07	30.00	-4.93	1.62 V	298	85.14	-60.07
2	3500.01	25.45	30.00	-4.55	1.60 V	296	85.38	-59.93
3	3519.99	25.36	30.00	-4.64	1.60 V	301	85.21	-59.85

Remarks:

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

NR Band 77, Channel Bandwidth 70MHz

Mode		TX channel 632334, 633334, 634332						
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	3485.01	25.80	30.00	-4.20	1.66 H	246	85.83	-60.03
2	3500.01	26.25	30.00	-3.75	1.67 H	248	86.18	-59.93
3	3514.98	25.92	30.00	-4.08	1.69 H	243	85.79	-59.87
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	3485.01	25.04	30.00	-4.96	1.61 V	296	85.07	-60.03
2	3500.01	25.32	30.00	-4.68	1.62 V	301	85.25	-59.93
3	3514.98	25.16	30.00	-4.84	1.66 V	300	85.03	-59.87

Remarks:

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

NR Band 77, Channel Bandwidth 80MHz

Mode		TX channel 632668, 633334, 634000						
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	3490.02	26.17	30.00	-3.83	1.65 H	242	86.17	-60.00
2	3500.01	25.83	30.00	-4.17	1.69 H	247	85.76	-59.93
3	3510.00	26.09	30.00	-3.91	1.65 H	242	85.98	-59.89
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	3490.02	25.27	30.00	-4.73	1.62 V	301	85.27	-60.00
2	3500.01	25.08	30.00	-4.92	1.70 V	298	85.01	-59.93
3	3510.00	25.46	30.00	-4.54	1.69 V	302	85.35	-59.89

Remarks:

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

NR Band 77, Channel Bandwidth 90MHz

Mode		TX channel 633000, 633334, 633666						
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	3495.00	25.87	30.00	-4.13	1.72 H	244	85.83	-59.96
2	3500.01	26.26	30.00	-3.74	1.64 H	249	86.19	-59.93
3	3504.99	25.91	30.00	-4.09	1.72 H	247	85.82	-59.91
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	3495.00	25.15	30.00	-4.85	1.65 V	298	85.11	-59.96
2	3500.01	25.29	30.00	-4.71	1.61 V	298	85.22	-59.93
3	3504.99	25.13	30.00	-4.87	1.70 V	297	85.04	-59.91

Remarks:

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

NR Band 77, Channel Bandwidth 100MHz

Mode		TX channel 633334						
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	3500.01	26.31	30.00	-3.69	1.64 H	243	86.24	-59.93
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	3500.01	25.62	30.00	-4.38	1.62 V	294	85.55	-59.93

Remarks:

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

Modulation Type: 64QAM

NR Band 77, Channel Bandwidth 10MHz

Mode		TX channel 630334, 633334, 636332						
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	3455.01	24.92	30.00	-5.08	1.69 H	248	85.16	-60.24
2	3500.01	25.18	30.00	-4.82	1.63 H	246	85.11	-59.93
3	3544.98	25.17	30.00	-4.83	1.73 H	249	84.92	-59.75
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	3455.01	24.02	30.00	-5.98	1.68 V	299	84.26	-60.24
2	3500.01	24.18	30.00	-5.82	1.67 V	299	84.11	-59.93
3	3544.98	24.37	30.00	-5.63	1.68 V	300	84.12	-59.75

Remarks:

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

NR Band 77, Channel Bandwidth 15MHz

Mode		TX channel 630500, 633334, 636166						
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	3457.50	24.69	30.00	-5.31	1.70 H	243	84.92	-60.23
2	3500.01	25.18	30.00	-4.82	1.73 H	245	85.11	-59.93
3	3542.49	25.40	30.00	-4.60	1.67 H	248	85.16	-59.76
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	3457.50	23.85	30.00	-6.15	1.60 V	302	84.08	-60.23
2	3500.01	24.31	30.00	-5.69	1.58 V	301	84.24	-59.93
3	3542.49	24.23	30.00	-5.77	1.69 V	302	83.99	-59.76

Remarks:

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

NR Band 77, Channel Bandwidth 20MHz

Mode		TX channel 630668, 633334, 636000						
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	3460.02	24.88	30.00	-5.12	1.72 H	242	85.09	-60.21
2	3500.01	24.90	30.00	-5.10	1.63 H	243	84.83	-59.93
3	3540.00	25.10	30.00	-4.90	1.73 H	247	84.86	-59.76
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	3460.02	23.95	30.00	-6.05	1.63 V	298	84.16	-60.21
2	3500.01	24.19	30.00	-5.81	1.65 V	296	84.12	-59.93
3	3540.00	24.62	30.00	-5.38	1.65 V	297	84.38	-59.76

Remarks:

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

NR Band 77, Channel Bandwidth 30MHz

Mode		TX channel 631000, 633334, 635666						
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	3465.00	24.99	30.00	-5.01	1.63 H	249	85.16	-60.17
2	3500.01	25.15	30.00	-4.85	1.70 H	246	85.08	-59.93
3	3534.99	25.37	30.00	-4.63	1.66 H	244	85.16	-59.79
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	3465.00	23.98	30.00	-6.02	1.67 V	300	84.15	-60.17
2	3500.01	24.49	30.00	-5.51	1.62 V	297	84.42	-59.93
3	3534.99	24.60	30.00	-5.40	1.67 V	297	84.39	-59.79

Remarks:

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

NR Band 77, Channel Bandwidth 40MHz

Mode		TX channel 631334, 633334, 635332						
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	3470.01	24.99	30.00	-5.01	1.63 H	244	85.13	-60.14
2	3500.01	25.02	30.00	-4.98	1.70 H	248	84.95	-59.93
3	3529.98	24.92	30.00	-5.08	1.66 H	249	84.73	-59.81
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	3470.01	24.00	30.00	-6.00	1.68 V	298	84.14	-60.14
2	3500.01	24.43	30.00	-5.57	1.67 V	302	84.36	-59.93
3	3529.98	24.71	30.00	-5.29	1.65 V	299	84.52	-59.81

Remarks:

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

NR Band 77, Channel Bandwidth 50MHz

Mode		TX channel 631668, 633334, 635000						
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	3475.02	25.05	30.00	-4.95	1.65 H	242	85.15	-60.10
2	3500.01	24.81	30.00	-5.19	1.73 H	248	84.74	-59.93
3	3525.00	25.13	30.00	-4.87	1.72 H	246	84.96	-59.83
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	3475.02	24.18	30.00	-5.82	1.67 V	295	84.28	-60.10
2	3500.01	24.09	30.00	-5.91	1.67 V	295	84.02	-59.93
3	3525.00	24.56	30.00	-5.44	1.61 V	300	84.39	-59.83

Remarks:

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

NR Band 77, Channel Bandwidth 60MHz

Mode		TX channel 632000, 633334, 634666						
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	3480.00	24.97	30.00	-5.03	1.68 H	244	85.04	-60.07
2	3500.01	24.80	30.00	-5.20	1.68 H	248	84.73	-59.93
3	3519.99	24.86	30.00	-5.14	1.70 H	245	84.71	-59.85
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	3480.00	24.09	30.00	-5.91	1.63 V	294	84.16	-60.07
2	3500.01	24.44	30.00	-5.56	1.67 V	299	84.37	-59.93
3	3519.99	24.33	30.00	-5.67	1.63 V	297	84.18	-59.85

Remarks:

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

NR Band 77, Channel Bandwidth 70MHz

Mode		TX channel 632334, 633334, 634332						
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	3485.01	24.81	30.00	-5.19	1.72 H	249	84.84	-60.03
2	3500.01	25.23	30.00	-4.77	1.73 H	248	85.16	-59.93
3	3514.98	24.94	30.00	-5.06	1.73 H	246	84.81	-59.87
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	3485.01	24.04	30.00	-5.96	1.60 V	301	84.07	-60.03
2	3500.01	24.32	30.00	-5.68	1.61 V	296	84.25	-59.93
3	3514.98	24.14	30.00	-5.86	1.70 V	297	84.01	-59.87

Remarks:

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

NR Band 77, Channel Bandwidth 80MHz

Mode		TX channel 632668, 633334, 634000						
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	3490.02	25.17	30.00	-4.83	1.67 H	248	85.17	-60.00
2	3500.01	24.81	30.00	-5.19	1.66 H	244	84.74	-59.93
3	3510.00	25.08	30.00	-4.92	1.69 H	243	84.97	-59.89
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	3490.02	24.27	30.00	-5.73	1.60 V	298	84.27	-60.00
2	3500.01	24.09	30.00	-5.91	1.63 V	295	84.02	-59.93
3	3510.00	24.48	30.00	-5.52	1.62 V	292	84.37	-59.89

Remarks:

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

NR Band 77, Channel Bandwidth 90MHz

Mode		TX channel 633000, 633334, 633666						
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	3495.00	24.88	30.00	-5.12	1.67 H	247	84.84	-59.96
2	3500.01	25.26	30.00	-4.74	1.72 H	246	85.19	-59.93
3	3504.99	24.87	30.00	-5.13	1.67 H	244	84.78	-59.91
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	3495.00	24.16	30.00	-5.84	1.69 V	296	84.12	-59.96
2	3500.01	24.28	30.00	-5.72	1.64 V	297	84.21	-59.93
3	3504.99	24.11	30.00	-5.89	1.63 V	300	84.02	-59.91

Remarks:

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

NR Band 77, Channel Bandwidth 100MHz

Mode		TX channel 633334						
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	3500.01	25.32	30.00	-4.68	1.72 H	243	85.25	-59.93
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	3500.01	24.62	30.00	-5.38	1.63 V	300	84.55	-59.93

Remarks:

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

Modulation Type: 256QAM

NR Band 77, Channel Bandwidth 10MHz

Mode		TX channel 630334, 633334, 636332						
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	3455.01	23.91	30.00	-6.09	1.66 H	244	84.15	-60.24
2	3500.01	24.18	30.00	-5.82	1.66 H	243	84.11	-59.93
3	3544.98	24.17	30.00	-5.83	1.73 H	245	83.92	-59.75
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	3455.01	23.01	30.00	-6.99	1.60 V	298	83.25	-60.24
2	3500.01	23.19	30.00	-6.81	1.70 V	302	83.12	-59.93
3	3544.98	23.39	30.00	-6.61	1.61 V	302	83.14	-59.75

Remarks:

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

NR Band 77, Channel Bandwidth 15MHz

Mode		TX channel 630500, 633334, 636166						
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	3457.50	23.68	30.00	-6.32	1.71 H	248	83.91	-60.23
2	3500.01	24.15	30.00	-5.85	1.69 H	245	84.08	-59.93
3	3542.49	24.38	30.00	-5.62	1.73 H	244	84.14	-59.76
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	3457.50	22.83	30.00	-7.17	1.61 V	296	83.06	-60.23
2	3500.01	23.31	30.00	-6.69	1.62 V	297	83.24	-59.93
3	3542.49	23.26	30.00	-6.74	1.64 V	300	83.02	-59.76

Remarks:

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

NR Band 77, Channel Bandwidth 20MHz

Mode		TX channel 630668, 633334, 636000						
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	3460.02	23.88	30.00	-6.12	1.73 H	248	84.09	-60.21
2	3500.01	23.90	30.00	-6.10	1.68 H	246	83.83	-59.93
3	3540.00	24.09	30.00	-5.91	1.71 H	249	83.85	-59.76
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	3460.02	22.96	30.00	-7.04	1.67 V	296	83.17	-60.21
2	3500.01	23.19	30.00	-6.81	1.67 V	300	83.12	-59.93
3	3540.00	23.65	30.00	-6.35	1.60 V	296	83.41	-59.76

Remarks:

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

NR Band 77, Channel Bandwidth 30MHz

Mode		TX channel 631000, 633334, 635666						
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	3465.00	23.99	30.00	-6.01	1.65 H	245	84.16	-60.17
2	3500.01	24.16	30.00	-5.84	1.72 H	243	84.09	-59.93
3	3534.99	24.37	30.00	-5.63	1.71 H	248	84.16	-59.79
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	3465.00	23.00	30.00	-7.00	1.61 V	298	83.17	-60.17
2	3500.01	23.48	30.00	-6.52	1.68 V	302	83.41	-59.93
3	3534.99	23.62	30.00	-6.38	1.69 V	302	83.41	-59.79

Remarks:

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

NR Band 77, Channel Bandwidth 40MHz

Mode		TX channel 631334, 633334, 635332						
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	3470.01	23.99	30.00	-6.01	1.67 H	247	84.13	-60.14
2	3500.01	24.01	30.00	-5.99	1.66 H	243	83.94	-59.93
3	3529.98	23.93	30.00	-6.07	1.64 H	248	83.74	-59.81
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	3470.01	22.98	30.00	-7.02	1.66 V	296	83.12	-60.14
2	3500.01	23.41	30.00	-6.59	1.61 V	298	83.34	-59.93
3	3529.98	23.71	30.00	-6.29	1.70 V	297	83.52	-59.81

Remarks:

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

NR Band 77, Channel Bandwidth 50MHz

Mode		TX channel 631668, 633334, 635000						
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	3475.02	24.06	30.00	-5.94	1.65 H	243	84.16	-60.10
2	3500.01	23.81	30.00	-6.19	1.69 H	245	83.74	-59.93
3	3525.00	24.11	30.00	-5.89	1.65 H	247	83.94	-59.83
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	3475.02	23.19	30.00	-6.81	1.69 V	295	83.29	-60.10
2	3500.01	23.10	30.00	-6.90	1.67 V	295	83.03	-59.93
3	3525.00	23.55	30.00	-6.45	1.66 V	297	83.38	-59.83

Remarks:

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

NR Band 77, Channel Bandwidth 60MHz

Mode		TX channel 632000, 633334, 634666						
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	3480.00	23.95	30.00	-6.05	1.66 H	243	84.02	-60.07
2	3500.01	23.81	30.00	-6.19	1.66 H	245	83.74	-59.93
3	3519.99	23.88	30.00	-6.12	1.64 H	246	83.73	-59.85
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	3480.00	23.07	30.00	-6.93	1.61 V	300	83.14	-60.07
2	3500.01	23.45	30.00	-6.55	1.68 V	300	83.38	-59.93
3	3519.99	23.32	30.00	-6.68	1.65 V	298	83.17	-59.85

Remarks:

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

NR Band 77, Channel Bandwidth 70MHz

Mode		TX channel 632334, 633334, 634332						
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	3485.01	23.80	30.00	-6.20	1.68 H	243	83.83	-60.03
2	3500.01	24.21	30.00	-5.79	1.68 H	246	84.14	-59.93
3	3514.98	23.94	30.00	-6.06	1.71 H	248	83.81	-59.87
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	3485.01	23.05	30.00	-6.95	1.64 V	300	83.08	-60.03
2	3500.01	23.31	30.00	-6.69	1.70 V	296	83.24	-59.93
3	3514.98	23.14	30.00	-6.86	1.65 V	301	83.01	-59.87

Remarks:

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

NR Band 77, Channel Bandwidth 80MHz

Mode		TX channel 632668, 633334, 634000						
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	3490.02	24.18	30.00	-5.82	1.63 H	249	84.18	-60.00
2	3500.01	23.82	30.00	-6.18	1.71 H	242	83.75	-59.93
3	3510.00	24.07	30.00	-5.93	1.71 H	247	83.96	-59.89
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	3490.02	23.26	30.00	-6.74	1.69 V	302	83.26	-60.00
2	3500.01	23.08	30.00	-6.92	1.69 V	301	83.01	-59.93
3	3510.00	23.47	30.00	-6.53	1.69 V	296	83.36	-59.89

Remarks:

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

NR Band 77, Channel Bandwidth 90MHz

Mode		TX channel 633000, 633334, 633666						
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	3495.00	23.87	30.00	-6.13	1.65 H	244	83.83	-59.96
2	3500.01	24.29	30.00	-5.71	1.67 H	242	84.22	-59.93
3	3504.99	23.86	30.00	-6.14	1.66 H	243	83.77	-59.91
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	3495.00	23.18	30.00	-6.82	1.68 V	295	83.14	-59.96
2	3500.01	23.26	30.00	-6.74	1.70 V	298	83.19	-59.93
3	3504.99	23.11	30.00	-6.89	1.69 V	295	83.02	-59.91

Remarks:

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

NR Band 77, Channel Bandwidth 100MHz

Mode		TX channel 633334						
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	3500.01	24.31	30.00	-5.69	1.63 H	248	84.24	-59.93
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	3500.01	23.64	30.00	-6.36	1.62 V	297	83.57	-59.93

Remarks:

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

Mode B
Modulation Type: QPSK

NR Band 77, Channel Bandwidth 10MHz

Mode		TX channel 630334, 633334, 636332						
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	3455.01	21.31	30.00	-8.69	2.43 H	216	81.55	-60.24
2	3500.01	21.25	30.00	-8.75	2.51 H	215	81.18	-59.93
3	3544.98	21.48	30.00	-8.52	2.41 H	214	81.23	-59.75
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	3455.01	26.81	30.00	-3.19	2.35 V	9	87.05	-60.24
2	3500.01	26.87	30.00	-3.13	2.36 V	11	86.80	-59.93
3	3544.98	26.56	30.00	-3.44	2.36 V	13	86.31	-59.75

Remarks:

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

NR Band 77, Channel Bandwidth 15MHz

Mode		TX channel 630500, 633334, 636166						
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	3457.50	21.61	30.00	-8.39	2.42 H	213	81.84	-60.23
2	3500.01	21.74	30.00	-8.26	2.45 H	212	81.67	-59.93
3	3542.49	21.32	30.00	-8.68	2.48 H	213	81.08	-59.76
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	3457.50	26.96	30.00	-3.04	2.39 V	13	87.19	-60.23
2	3500.01	26.57	30.00	-3.43	2.40 V	8	86.50	-59.93
3	3542.49	26.91	30.00	-3.09	2.34 V	7	86.67	-59.76

Remarks:

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

NR Band 77, Channel Bandwidth 20MHz

Mode		TX channel 630668, 633334, 636000						
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	3460.02	21.51	30.00	-8.49	2.48 H	215	81.72	-60.21
2	3500.01	21.25	30.00	-8.75	2.46 H	217	81.18	-59.93
3	3540.00	21.38	30.00	-8.62	2.47 H	214	81.14	-59.76
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	3460.02	26.81	30.00	-3.19	2.36 V	8	87.02	-60.21
2	3500.01	26.54	30.00	-3.46	2.40 V	11	86.47	-59.93
3	3540.00	26.77	30.00	-3.23	2.39 V	7	86.53	-59.76

Remarks:

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

NR Band 77, Channel Bandwidth 30MHz

Mode		TX channel 631000, 633334, 635666						
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	3465.00	21.38	30.00	-8.62	2.49 H	214	81.55	-60.17
2	3500.01	21.53	30.00	-8.47	2.50 H	217	81.46	-59.93
3	3534.99	21.35	30.00	-8.65	2.42 H	218	81.14	-59.79
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	3465.00	26.71	30.00	-3.29	2.34 V	12	86.88	-60.17
2	3500.01	26.94	30.00	-3.06	2.31 V	13	86.87	-59.93
3	3534.99	26.78	30.00	-3.22	2.39 V	13	86.57	-59.79

Remarks:

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

NR Band 77, Channel Bandwidth 40MHz

Mode		TX channel 631334, 633334, 635332						
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	3470.01	21.24	30.00	-8.76	2.49 H	218	81.38	-60.14
2	3500.01	21.58	30.00	-8.42	2.44 H	212	81.51	-59.93
3	3529.98	21.37	30.00	-8.63	2.45 H	216	81.18	-59.81
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	3470.01	26.81	30.00	-3.19	2.35 V	10	86.95	-60.14
2	3500.01	26.84	30.00	-3.16	2.36 V	14	86.77	-59.93
3	3529.98	26.82	30.00	-3.18	2.39 V	9	86.63	-59.81

Remarks:

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

NR Band 77, Channel Bandwidth 50MHz

Mode		TX channel 631668, 633334, 635000						
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	3475.02	21.68	30.00	-8.32	2.51 H	211	81.78	-60.10
2	3500.01	21.36	30.00	-8.64	2.47 H	213	81.29	-59.93
3	3525.00	21.67	30.00	-8.33	2.41 H	211	81.50	-59.83
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	3475.02	26.95	30.00	-3.05	2.34 V	7	87.05	-60.10
2	3500.01	26.45	30.00	-3.55	2.36 V	14	86.38	-59.93
3	3525.00	26.55	30.00	-3.45	2.30 V	15	86.38	-59.83

Remarks:

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

NR Band 77, Channel Bandwidth 60MHz

Mode		TX channel 632000, 633334, 634666						
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	3480.00	21.61	30.00	-8.39	2.51 H	213	81.68	-60.07
2	3500.01	21.29	30.00	-8.71	2.49 H	218	81.22	-59.93
3	3519.99	21.65	30.00	-8.35	2.50 H	216	81.50	-59.85
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	3480.00	26.55	30.00	-3.45	2.32 V	13	86.62	-60.07
2	3500.01	26.95	30.00	-3.05	2.37 V	7	86.88	-59.93
3	3519.99	26.81	30.00	-3.19	2.31 V	14	86.66	-59.85

Remarks:

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

NR Band 77, Channel Bandwidth 70MHz

Mode		TX channel 632334, 633334, 634332						
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	3485.01	21.63	30.00	-8.37	2.46 H	217	81.66	-60.03
2	3500.01	21.77	30.00	-8.23	2.49 H	213	81.70	-59.93
3	3514.98	21.57	30.00	-8.43	2.44 H	212	81.44	-59.87
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	3485.01	26.72	30.00	-3.28	2.33 V	10	86.75	-60.03
2	3500.01	26.87	30.00	-3.13	2.38 V	12	86.80	-59.93
3	3514.98	26.87	30.00	-3.13	2.31 V	13	86.74	-59.87

Remarks:

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

NR Band 77, Channel Bandwidth 80MHz

Mode		TX channel 632668, 633334, 634000						
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	3490.02	21.68	30.00	-8.32	2.42 H	216	81.68	-60.00
2	3500.01	21.36	30.00	-8.64	2.44 H	218	81.29	-59.93
3	3510.00	21.67	30.00	-8.33	2.48 H	217	81.56	-59.89
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	3490.02	26.95	30.00	-3.05	2.33 V	9	86.95	-60.00
2	3500.01	26.45	30.00	-3.55	2.38 V	8	86.38	-59.93
3	3510.00	26.55	30.00	-3.45	2.36 V	13	86.44	-59.89

Remarks:

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

NR Band 77, Channel Bandwidth 90MHz

Mode		TX channel 633000, 633334, 633666						
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	3495.00	21.63	30.00	-8.37	2.41 H	215	81.59	-59.96
2	3500.01	21.77	30.00	-8.23	2.46 H	211	81.70	-59.93
3	3504.99	21.57	30.00	-8.43	2.46 H	212	81.48	-59.91
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	3495.00	26.72	30.00	-3.28	2.40 V	8	86.68	-59.96
2	3500.01	26.87	30.00	-3.13	2.31 V	7	86.80	-59.93
3	3504.99	26.87	30.00	-3.13	2.30 V	12	86.78	-59.91

Remarks:

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

NR Band 77, Channel Bandwidth 100MHz

Mode		TX channel 633334						
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	3500.01	21.36	30.00	-8.64	2.47 H	218	81.29	-59.93
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	3500.01	26.45	30.00	-3.55	2.39 V	12	86.38	-59.93

Remarks:

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

Modulation Type: 16QAM

NR Band 77, Channel Bandwidth 10MHz

Mode		TX channel 630334, 633334, 636332						
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	3455.01	20.47	30.00	-9.53	2.50 H	215	80.71	-60.24
2	3500.01	20.81	30.00	-9.19	2.41 H	213	80.74	-59.93
3	3544.98	20.29	30.00	-9.71	2.42 H	216	80.04	-59.75
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	3455.01	25.85	30.00	-4.15	2.31 V	11	86.09	-60.24
2	3500.01	25.80	30.00	-4.20	2.36 V	14	85.73	-59.93
3	3544.98	25.76	30.00	-4.24	2.36 V	10	85.51	-59.75

Remarks:

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

NR Band 77, Channel Bandwidth 15MHz

Mode		TX channel 630500, 633334, 636166						
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	3457.50	20.70	30.00	-9.30	2.44 H	214	80.93	-60.23
2	3500.01	20.30	30.00	-9.70	2.43 H	218	80.23	-59.93
3	3542.49	20.61	30.00	-9.39	2.43 H	216	80.37	-59.76
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	3457.50	25.73	30.00	-4.27	2.36 V	9	85.96	-60.23
2	3500.01	25.65	30.00	-4.35	2.40 V	11	85.58	-59.93
3	3542.49	25.87	30.00	-4.13	2.36 V	9	85.63	-59.76

Remarks:

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

NR Band 77, Channel Bandwidth 20MHz

Mode		TX channel 630668, 633334, 636000						
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	3460.02	20.55	30.00	-9.45	2.42 H	216	80.76	-60.21
2	3500.01	20.34	30.00	-9.66	2.47 H	216	80.27	-59.93
3	3540.00	20.62	30.00	-9.38	2.43 H	218	80.38	-59.76
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	3460.02	25.78	30.00	-4.22	2.31 V	9	85.99	-60.21
2	3500.01	25.80	30.00	-4.20	2.40 V	11	85.73	-59.93
3	3540.00	25.68	30.00	-4.32	2.33 V	9	85.44	-59.76

Remarks:

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

NR Band 77, Channel Bandwidth 30MHz

Mode		TX channel 631000, 633334, 635666						
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	3465.00	20.37	30.00	-9.63	2.46 H	212	80.54	-60.17
2	3500.01	20.75	30.00	-9.25	2.41 H	218	80.68	-59.93
3	3534.99	20.30	30.00	-9.70	2.48 H	212	80.09	-59.79
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	3465.00	25.47	30.00	-4.53	2.32 V	12	85.64	-60.17
2	3500.01	25.95	30.00	-4.05	2.33 V	9	85.88	-59.93
3	3534.99	25.63	30.00	-4.37	2.37 V	8	85.42	-59.79

Remarks:

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

NR Band 77, Channel Bandwidth 40MHz

Mode		TX channel 631334, 633334, 635332						
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	3470.01	20.46	30.00	-9.54	2.41 H	211	80.60	-60.14
2	3500.01	20.74	30.00	-9.26	2.45 H	214	80.67	-59.93
3	3529.98	20.54	30.00	-9.46	2.46 H	218	80.35	-59.81
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	3470.01	25.75	30.00	-4.25	2.38 V	12	85.89	-60.14
2	3500.01	25.88	30.00	-4.12	2.38 V	13	85.81	-59.93
3	3529.98	25.46	30.00	-4.54	2.30 V	12	85.27	-59.81

Remarks:

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

NR Band 77, Channel Bandwidth 50MHz

Mode		TX channel 631668, 633334, 635000						
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	3475.02	20.43	30.00	-9.57	2.47 H	212	80.53	-60.10
2	3500.01	20.49	30.00	-9.51	2.51 H	215	80.42	-59.93
3	3525.00	20.75	30.00	-9.25	2.44 H	218	80.58	-59.83
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	3475.02	25.59	30.00	-4.41	2.30 V	8	85.69	-60.10
2	3500.01	25.51	30.00	-4.49	2.37 V	8	85.44	-59.93
3	3525.00	25.94	30.00	-4.06	2.37 V	13	85.77	-59.83

Remarks:

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

NR Band 77, Channel Bandwidth 60MHz

Mode		TX channel 632000, 633334, 634666						
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	3480.00	20.41	30.00	-9.59	2.46 H	215	80.48	-60.07
2	3500.01	20.76	30.00	-9.24	2.49 H	212	80.69	-59.93
3	3519.99	20.32	30.00	-9.68	2.49 H	218	80.17	-59.85
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	3480.00	25.87	30.00	-4.13	2.36 V	8	85.94	-60.07
2	3500.01	25.52	30.00	-4.48	2.30 V	14	85.45	-59.93
3	3519.99	25.56	30.00	-4.44	2.30 V	7	85.41	-59.85

Remarks:

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

NR Band 77, Channel Bandwidth 70MHz

Mode		TX channel 632334, 633334, 634332						
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	3485.01	20.44	30.00	-9.56	2.48 H	215	80.47	-60.03
2	3500.01	20.37	30.00	-9.63	2.46 H	211	80.30	-59.93
3	3514.98	20.33	30.00	-9.67	2.47 H	217	80.20	-59.87
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	3485.01	25.69	30.00	-4.31	2.34 V	14	85.72	-60.03
2	3500.01	25.84	30.00	-4.16	2.38 V	12	85.77	-59.93
3	3514.98	25.81	30.00	-4.19	2.40 V	7	85.68	-59.87

Remarks:

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

NR Band 77, Channel Bandwidth 80MHz

Mode		TX channel 632668, 633334, 634000						
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	3490.02	20.40	30.00	-9.60	2.49 H	211	80.40	-60.00
2	3500.01	20.47	30.00	-9.53	2.51 H	216	80.40	-59.93
3	3510.00	20.75	30.00	-9.25	2.47 H	217	80.64	-59.89
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	3490.02	25.61	30.00	-4.39	2.40 V	8	85.61	-60.00
2	3500.01	25.51	30.00	-4.49	2.38 V	11	85.44	-59.93
3	3510.00	25.94	30.00	-4.06	2.34 V	12	85.83	-59.89

Remarks:

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

NR Band 77, Channel Bandwidth 90MHz

Mode		TX channel 633000, 633334, 633666						
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	3495.00	20.45	30.00	-9.55	2.49 H	216	80.41	-59.96
2	3500.01	20.39	30.00	-9.61	2.50 H	213	80.32	-59.93
3	3504.99	20.33	30.00	-9.67	2.41 H	217	80.24	-59.91
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	3495.00	25.69	30.00	-4.31	2.30 V	14	85.65	-59.96
2	3500.01	25.80	30.00	-4.20	2.39 V	10	85.73	-59.93
3	3504.99	25.82	30.00	-4.18	2.31 V	14	85.73	-59.91

Remarks:

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

NR Band 77, Channel Bandwidth 100MHz

Mode		TX channel 633334						
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	3500.01	20.50	30.00	-9.50	2.44 H	212	80.43	-59.93
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	3500.01	25.52	30.00	-4.48	2.34 V	8	85.45	-59.93

Remarks:

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

Modulation Type: 64QAM

NR Band 77, Channel Bandwidth 10MHz

Mode		TX channel 630334, 633334, 636332						
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	3455.01	19.46	30.00	-10.54	2.49 H	217	79.70	-60.24
2	3500.01	19.82	30.00	-10.18	2.45 H	214	79.75	-59.93
3	3544.98	19.31	30.00	-10.69	2.43 H	212	79.06	-59.75
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	3455.01	24.84	30.00	-5.16	2.37 V	14	85.08	-60.24
2	3500.01	24.81	30.00	-5.19	2.30 V	13	84.74	-59.93
3	3544.98	24.78	30.00	-5.22	2.39 V	14	84.53	-59.75

Remarks:

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

NR Band 77, Channel Bandwidth 15MHz

Mode		TX channel 630500, 633334, 636166						
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	3457.50	19.71	30.00	-10.29	2.47 H	211	79.94	-60.23
2	3500.01	19.30	30.00	-10.70	2.45 H	212	79.23	-59.93
3	3542.49	19.61	30.00	-10.39	2.50 H	218	79.37	-59.76
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	3457.50	24.75	30.00	-5.25	2.33 V	12	84.98	-60.23
2	3500.01	24.67	30.00	-5.33	2.38 V	7	84.60	-59.93
3	3542.49	24.86	30.00	-5.14	2.39 V	9	84.62	-59.76

Remarks:

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

NR Band 77, Channel Bandwidth 20MHz

Mode		TX channel 630668, 633334, 636000						
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	3460.02	19.55	30.00	-10.45	2.42 H	215	79.76	-60.21
2	3500.01	19.35	30.00	-10.65	2.48 H	215	79.28	-59.93
3	3540.00	19.60	30.00	-10.40	2.48 H	214	79.36	-59.76
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	3460.02	24.77	30.00	-5.23	2.40 V	12	84.98	-60.21
2	3500.01	24.79	30.00	-5.21	2.38 V	14	84.72	-59.93
3	3540.00	24.66	30.00	-5.34	2.39 V	8	84.42	-59.76

Remarks:

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

NR Band 77, Channel Bandwidth 30MHz

Mode		TX channel 631000, 633334, 635666						
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	3465.00	19.36	30.00	-10.64	2.46 H	215	79.53	-60.17
2	3500.01	19.77	30.00	-10.23	2.48 H	214	79.70	-59.93
3	3534.99	19.28	30.00	-10.72	2.43 H	213	79.07	-59.79
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	3465.00	24.45	30.00	-5.55	2.30 V	14	84.62	-60.17
2	3500.01	24.96	30.00	-5.04	2.36 V	7	84.89	-59.93
3	3534.99	24.64	30.00	-5.36	2.34 V	11	84.43	-59.79

Remarks:

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

NR Band 77, Channel Bandwidth 40MHz

Mode		TX channel 631334, 633334, 635332						
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	3470.01	19.48	30.00	-10.52	2.47 H	212	79.62	-60.14
2	3500.01	19.72	30.00	-10.28	2.46 H	217	79.65	-59.93
3	3529.98	19.53	30.00	-10.47	2.41 H	213	79.34	-59.81
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	3470.01	24.76	30.00	-5.24	2.40 V	9	84.90	-60.14
2	3500.01	24.89	30.00	-5.11	2.38 V	9	84.82	-59.93
3	3529.98	24.48	30.00	-5.52	2.39 V	11	84.29	-59.81

Remarks:

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

NR Band 77, Channel Bandwidth 50MHz

Mode		TX channel 631668, 633334, 635000						
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	3475.02	19.42	30.00	-10.58	2.44 H	217	79.52	-60.10
2	3500.01	19.49	30.00	-10.51	2.48 H	217	79.42	-59.93
3	3525.00	19.74	30.00	-10.26	2.46 H	218	79.57	-59.83
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	3475.02	24.59	30.00	-5.41	2.39 V	8	84.69	-60.10
2	3500.01	24.53	30.00	-5.47	2.36 V	11	84.46	-59.93
3	3525.00	24.93	30.00	-5.07	2.33 V	8	84.76	-59.83

Remarks:

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

NR Band 77, Channel Bandwidth 60MHz

Mode		TX channel 632000, 633334, 634666						
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	3480.00	19.39	30.00	-10.61	2.51 H	215	79.46	-60.07
2	3500.01	19.77	30.00	-10.23	2.48 H	216	79.70	-59.93
3	3519.99	19.33	30.00	-10.67	2.43 H	217	79.18	-59.85
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	3480.00	24.87	30.00	-5.13	2.30 V	12	84.94	-60.07
2	3500.01	24.51	30.00	-5.49	2.35 V	14	84.44	-59.93
3	3519.99	24.55	30.00	-5.45	2.34 V	7	84.40	-59.85

Remarks:

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

NR Band 77, Channel Bandwidth 70MHz

Mode		TX channel 632334, 633334, 634332						
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	3485.01	19.42	30.00	-10.58	2.48 H	213	79.45	-60.03
2	3500.01	19.39	30.00	-10.61	2.43 H	211	79.32	-59.93
3	3514.98	19.32	30.00	-10.68	2.46 H	216	79.19	-59.87
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	3485.01	24.71	30.00	-5.29	2.37 V	14	84.74	-60.03
2	3500.01	24.85	30.00	-5.15	2.34 V	14	84.78	-59.93
3	3514.98	24.84	30.00	-5.16	2.38 V	11	84.71	-59.87

Remarks:

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

NR Band 77, Channel Bandwidth 80MHz

Mode		TX channel 632668, 633334, 634000						
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	3490.02	19.39	30.00	-10.61	2.45 H	214	79.39	-60.00
2	3500.01	19.45	30.00	-10.55	2.50 H	217	79.38	-59.93
3	3510.00	19.73	30.00	-10.27	2.51 H	212	79.62	-59.89
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	3490.02	24.63	30.00	-5.37	2.32 V	10	84.63	-60.00
2	3500.01	24.53	30.00	-5.47	2.38 V	8	84.46	-59.93
3	3510.00	24.94	30.00	-5.06	2.32 V	13	84.83	-59.89

Remarks:

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

NR Band 77, Channel Bandwidth 90MHz

Mode		TX channel 633000, 633334, 633666						
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	3495.00	19.43	30.00	-10.57	2.48 H	212	79.39	-59.96
2	3500.01	19.38	30.00	-10.62	2.43 H	211	79.31	-59.93
3	3504.99	19.33	30.00	-10.67	2.48 H	211	79.24	-59.91
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	3495.00	24.69	30.00	-5.31	2.40 V	9	84.65	-59.96
2	3500.01	24.89	30.00	-5.11	2.37 V	12	84.82	-59.93
3	3504.99	24.80	30.00	-5.20	2.32 V	10	84.71	-59.91

Remarks:

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

NR Band 77, Channel Bandwidth 100MHz

Mode		TX channel 633334						
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	3500.01	19.49	30.00	-10.51	2.46 H	217	79.42	-59.93
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	3500.01	24.50	30.00	-5.50	2.37 V	10	84.43	-59.93

Remarks:

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

Modulation Type: 256QAM

NR Band 77, Channel Bandwidth 10MHz

Mode		TX channel 630334, 633334, 636332						
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	3455.01	18.46	30.00	-11.54	2.44 H	213	78.70	-60.24
2	3500.01	18.82	30.00	-11.18	2.46 H	212	78.75	-59.93
3	3544.98	18.33	30.00	-11.67	2.46 H	217	78.08	-59.75
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	3455.01	23.82	30.00	-6.18	2.35 V	10	84.06	-60.24
2	3500.01	23.85	30.00	-6.15	2.39 V	12	83.78	-59.93
3	3544.98	23.76	30.00	-6.24	2.33 V	7	83.51	-59.75

Remarks:

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

NR Band 77, Channel Bandwidth 15MHz

Mode		TX channel 630500, 633334, 636166						
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	3457.50	18.73	30.00	-11.27	2.46 H	211	78.96	-60.23
2	3500.01	18.31	30.00	-11.69	2.47 H	214	78.24	-59.93
3	3542.49	18.63	30.00	-11.37	2.48 H	215	78.39	-59.76
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	3457.50	23.75	30.00	-6.25	2.33 V	10	83.98	-60.23
2	3500.01	23.69	30.00	-6.31	2.32 V	10	83.62	-59.93
3	3542.49	23.84	30.00	-6.16	2.36 V	10	83.60	-59.76

Remarks:

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

NR Band 77, Channel Bandwidth 20MHz

Mode		TX channel 630668, 633334, 636000						
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	3460.02	18.54	30.00	-11.46	2.51 H	213	78.75	-60.21
2	3500.01	18.33	30.00	-11.67	2.51 H	217	78.26	-59.93
3	3540.00	18.60	30.00	-11.40	2.44 H	215	78.36	-59.76
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	3460.02	23.78	30.00	-6.22	2.35 V	7	83.99	-60.21
2	3500.01	23.81	30.00	-6.19	2.30 V	13	83.74	-59.93
3	3540.00	23.66	30.00	-6.34	2.33 V	14	83.42	-59.76

Remarks:

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

NR Band 77, Channel Bandwidth 30MHz

Mode		TX channel 631000, 633334, 635666						
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	3465.00	18.38	30.00	-11.62	2.51 H	217	78.55	-60.17
2	3500.01	18.77	30.00	-11.23	2.50 H	213	78.70	-59.93
3	3534.99	18.26	30.00	-11.74	2.41 H	215	78.05	-59.79
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	3465.00	23.46	30.00	-6.54	2.39 V	10	83.63	-60.17
2	3500.01	23.98	30.00	-6.02	2.31 V	12	83.91	-59.93
3	3534.99	23.62	30.00	-6.38	2.30 V	13	83.41	-59.79

Remarks:

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

NR Band 77, Channel Bandwidth 40MHz

Mode		TX channel 631334, 633334, 635332						
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	3470.01	18.48	30.00	-11.52	2.48 H	217	78.62	-60.14
2	3500.01	18.73	30.00	-11.27	2.44 H	215	78.66	-59.93
3	3529.98	18.52	30.00	-11.48	2.50 H	218	78.33	-59.81
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	3470.01	23.77	30.00	-6.23	2.39 V	12	83.91	-60.14
2	3500.01	23.87	30.00	-6.13	2.37 V	10	83.80	-59.93
3	3529.98	23.50	30.00	-6.50	2.37 V	9	83.31	-59.81

Remarks:

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

NR Band 77, Channel Bandwidth 50MHz

Mode		TX channel 631668, 633334, 635000						
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	3475.02	18.40	30.00	-11.60	2.43 H	218	78.50	-60.10
2	3500.01	18.47	30.00	-11.53	2.42 H	214	78.40	-59.93
3	3525.00	18.76	30.00	-11.24	2.41 H	214	78.59	-59.83
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	3475.02	23.60	30.00	-6.40	2.34 V	13	83.70	-60.10
2	3500.01	23.55	30.00	-6.45	2.32 V	8	83.48	-59.93
3	3525.00	23.91	30.00	-6.09	2.39 V	9	83.74	-59.83

Remarks:

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

NR Band 77, Channel Bandwidth 60MHz

Mode		TX channel 632000, 633334, 634666						
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	3480.00	18.40	30.00	-11.60	2.44 H	216	78.47	-60.07
2	3500.01	18.78	30.00	-11.22	2.46 H	217	78.71	-59.93
3	3519.99	18.33	30.00	-11.67	2.45 H	217	78.18	-59.85
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	3480.00	23.87	30.00	-6.13	2.33 V	10	83.94	-60.07
2	3500.01	23.53	30.00	-6.47	2.36 V	13	83.46	-59.93
3	3519.99	23.57	30.00	-6.43	2.39 V	7	83.42	-59.85

Remarks:

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

NR Band 77, Channel Bandwidth 70MHz

Mode		TX channel 632334, 633334, 634332						
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	3485.01	18.42	30.00	-11.58	2.51 H	212	78.45	-60.03
2	3500.01	18.37	30.00	-11.63	2.46 H	216	78.30	-59.93
3	3514.98	18.34	30.00	-11.66	2.50 H	216	78.21	-59.87
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	3485.01	23.69	30.00	-6.31	2.37 V	12	83.72	-60.03
2	3500.01	23.83	30.00	-6.17	2.38 V	10	83.76	-59.93
3	3514.98	23.85	30.00	-6.15	2.33 V	9	83.72	-59.87

Remarks:

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

NR Band 77, Channel Bandwidth 80MHz

Mode		TX channel 632668, 633334, 634000						
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	3490.02	18.39	30.00	-11.61	2.51 H	212	78.39	-60.00
2	3500.01	18.47	30.00	-11.53	2.51 H	217	78.40	-59.93
3	3510.00	18.73	30.00	-11.27	2.43 H	214	78.62	-59.89
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	3490.02	23.64	30.00	-6.36	2.37 V	7	83.64	-60.00
2	3500.01	23.55	30.00	-6.45	2.31 V	14	83.48	-59.93
3	3510.00	23.96	30.00	-6.04	2.40 V	14	83.85	-59.89

Remarks:

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

NR Band 77, Channel Bandwidth 90MHz

Mode		TX channel 633000, 633334, 633666						
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	3495.00	18.44	30.00	-11.56	2.46 H	211	78.40	-59.96
2	3500.01	18.40	30.00	-11.60	2.51 H	211	78.33	-59.93
3	3504.99	18.35	30.00	-11.65	2.41 H	215	78.26	-59.91
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	3495.00	23.71	30.00	-6.29	2.35 V	7	83.67	-59.96
2	3500.01	23.91	30.00	-6.09	2.39 V	14	83.84	-59.93
3	3504.99	23.78	30.00	-6.22	2.37 V	10	83.69	-59.91

Remarks:

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

NR Band 77, Channel Bandwidth 100MHz

Mode		TX channel 633334						
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	3500.01	18.50	30.00	-11.50	2.50 H	216	78.43	-59.93
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	3500.01	23.49	30.00	-6.51	2.32 V	9	83.42	-59.93

Remarks:

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

7.1.8 NR n77 (3700-3980 MHz) SCS 15 kHz

Mode A

NR Band 77												
BW	MCS Index	RB Size	RB Offset	Low			Mid			High		
		Channel		648334			656000			663666		
		Frequency (MHz)		3725.01			3840			3954.99		
		Tx Chain		Ant.3	Ant.5	Total	Ant.3	Ant.5	Total	Ant.3	Ant.5	Total
50M	CP QPSK	1	1	27.29	27.26	30.29	27.82	27.71	30.78	27.92	27.89	30.92
		1	67	26.88	26.87	29.89	27.83	27.85	30.85	27.65	27.70	30.69
		1	131	27.13	27.17	30.16	27.81	27.79	30.81	27.55	27.50	30.54
		64	0	26.39	26.41	29.41	27.06	27.05	30.07	27.17	27.16	30.18
		64	35	26.92	26.87	29.91	27.80	27.74	30.78	27.58	27.65	30.63
		64	69	26.67	26.63	29.66	27.40	27.33	30.38	27.24	27.23	30.25
		133	0	26.51	26.49	29.51	27.14	27.08	30.12	27.39	27.37	30.39
50M	CP 16QAM	1	1	26.52	26.48	29.51	26.52	26.50	29.52	26.59	26.64	29.63
50M	CP 64QAM	1	1	24.73	24.70	27.73	24.89	24.94	27.93	25.56	25.48	28.53
50M	CP 256QAM	1	1	23.00	23.03	26.03	22.99	22.99	26.00	23.51	23.44	26.49
BW	MCS Index	Channel		648000			656000			664000		
		Frequency (MHz)		3720			3840			3960		
40M	CP QPSK	1	1	27.38	27.26	30.33	27.78	27.75	30.78	27.78	27.76	30.78
		1	53	26.83	26.76	29.81	27.72	27.66	30.70	27.64	27.71	30.69
		1	104	27.16	27.20	30.19	27.87	27.88	30.89	27.57	27.51	30.55
		50	0	26.43	26.37	29.41	27.04	27.08	30.07	27.20	27.15	30.19
		50	28	26.96	26.99	29.99	27.62	27.71	30.68	27.56	27.54	30.56
		50	56	26.65	26.56	29.62	27.37	27.30	30.35	27.19	27.17	30.19
		106	0	26.56	26.46	29.52	27.18	27.19	30.20	27.33	27.28	30.32
40M	CP 16QAM	1	1	26.41	26.48	29.46	26.57	26.61	29.60	26.61	26.67	29.65
40M	CP 64QAM	1	1	24.85	24.82	27.85	24.97	25.04	28.02	25.61	25.51	28.57
40M	CP 256QAM	1	1	23.12	23.02	26.08	23.08	23.04	26.07	23.49	23.46	26.49



NR Band 77												
BW	MCS Index	RB Size	RB Offset	Low			Mid			High		
		Channel		647668			656000			664332		
		Frequency (MHz)		3715.02			3840			3964.98		
		Tx Chain		Ant.3	Ant.5	Total	Ant.3	Ant.5	Total	Ant.3	Ant.5	Total
30M	CP QPSK	1	1	27.19	27.22	30.22	27.78	27.89	30.85	27.91	27.88	30.91
		1	39	26.98	27.09	30.05	27.75	27.83	30.80	27.75	27.81	30.79
		1	76	27.25	27.17	30.22	27.76	27.85	30.82	27.60	27.63	30.63
		36	0	26.51	26.42	29.48	27.10	27.15	30.14	27.33	27.28	30.32
		36	21	26.82	26.82	29.83	27.74	27.70	30.73	27.78	27.73	30.77
		36	42	26.55	26.58	29.58	27.32	27.25	30.30	27.25	27.25	30.26
		78	0	26.54	26.54	29.55	27.16	27.25	30.22	27.25	27.24	30.26
30M	CP 16QAM	1	1	26.47	26.44	29.47	26.52	26.50	29.52	26.75	26.78	29.78
30M	CP 64QAM	1	1	24.79	24.79	27.80	24.89	24.88	27.90	25.49	25.50	28.51
30M	CP 256QAM	1	1	23.04	23.00	26.03	23.07	23.09	26.09	23.55	23.56	26.57
BW	MCS Index	Channel		647334			656000			664666		
		Frequency (MHz)		3710.01			3840			3969.99		
20M	CP QPSK	1	1	27.05	26.99	30.03	27.81	27.84	30.84	27.78	27.79	30.80
		1	26	27.12	27.10	30.12	27.77	27.80	30.80	27.58	27.66	30.63
		1	49	27.12	27.09	30.12	27.86	27.82	30.85	27.63	27.58	30.62
		25	0	26.35	26.40	29.39	27.10	27.10	30.11	27.30	27.23	30.28
		25	13	26.98	26.96	29.98	27.83	27.75	30.80	27.71	27.64	30.69
		25	26	26.70	26.62	29.67	27.36	27.34	30.36	27.21	27.31	30.27
		51	0	26.50	26.54	29.53	27.17	27.18	30.19	27.27	27.30	30.30
20M	CP 16QAM	1	1	26.45	26.42	29.45	26.44	26.42	29.44	26.75	26.72	29.75
20M	CP 64QAM	1	1	24.77	24.81	27.80	24.99	24.96	27.99	25.47	25.44	28.47
20M	CP 256QAM	1	1	23.05	23.13	26.10	23.16	23.10	26.14	23.54	23.50	26.53



NR Band 77												
BW	MCS Index	RB Size	RB Offset	Low			Mid			High		
		Channel		647334			656000			664666		
		Frequency (MHz)		3710.01			3840			3969.99		
		Tx Chain		Ant.3	Ant.5	Total	Ant.3	Ant.5	Total	Ant.3	Ant.5	Total
15M	CP QPSK	1	1	27.05	27.04	30.06	27.77	27.75	30.77	27.67	27.75	30.72
		1	19	26.83	26.86	29.86	27.79	27.74	30.78	27.70	27.77	30.75
		1	36	27.14	27.15	30.16	27.90	27.83	30.88	27.59	27.58	30.60
		18	0	26.45	26.43	29.45	27.03	27.07	30.06	27.19	27.26	30.24
		18	10	26.96	26.93	29.96	27.72	27.74	30.74	27.64	27.70	30.68
		18	20	26.58	26.58	29.59	27.26	27.27	30.28	27.34	27.31	30.34
		38	0	26.63	26.54	29.60	27.22	27.13	30.19	27.28	27.26	30.28
15M	CP 16QAM	1	1	26.49	26.47	29.49	26.45	26.45	29.46	26.68	26.72	29.71
15M	CP 64QAM	1	1	24.72	24.71	27.73	25.03	24.98	28.02	25.48	25.50	28.50
15M	CP 256QAM	1	1	23.01	23.04	26.04	22.99	23.07	26.04	23.52	23.50	26.52
BW	MCS Index	Channel		647000			656000			66500		
		Frequency (MHz)		3705			3840			3975		
10M	CP QPSK	1	1	27.29	27.21	30.26	27.86	27.81	30.85	27.78	27.82	30.81
		1	11	26.90	26.88	29.90	27.77	27.79	30.79	27.65	27.66	30.67
		1	22	27.17	27.09	30.14	27.88	27.79	30.85	27.63	27.60	30.63
		12	0	26.32	26.34	29.34	27.07	27.11	30.10	27.34	27.25	30.31
		12	6	26.96	26.89	29.94	27.72	27.73	30.74	27.73	27.65	30.70
		12	12	26.68	26.66	29.68	27.35	27.35	30.36	27.32	27.25	30.30
		24	0	26.52	26.59	29.57	27.24	27.16	30.21	27.20	27.29	30.26
10M	CP 16QAM	1	1	26.50	26.44	29.48	26.50	26.56	29.54	26.67	26.67	29.68
10M	CP 64QAM	1	1	24.84	24.74	27.80	24.96	24.93	27.96	25.43	25.51	28.48
10M	CP 256QAM	1	1	23.06	23.06	26.07	22.97	23.00	26.00	23.49	23.48	26.50



Mode B

NR Band 77												
BW	MCS Index	RB Size	RB Offset	Low			Mid			High		
		Channel		648334			656000			663666		
		Frequency (MHz)		3725.01			3840			3954.99		
		Tx Chain		Ant.3	Ant.5	Total	Ant.3	Ant.5	Total	Ant.3	Ant.5	Total
50M	CP QPSK	1	1	25.57	25.57	28.58	26.17	26.04	29.12	26.04	26.06	29.06
		1	67	25.03	25.01	28.03	25.95	26.09	29.03	25.83	25.83	28.84
		1	131	25.36	25.43	28.41	26.08	25.94	29.02	25.67	25.68	28.69
		64	0	24.65	24.79	27.73	25.29	25.23	28.27	25.37	25.52	28.46
		64	35	25.04	25.21	28.14	25.92	26.12	29.03	25.96	25.77	28.88
		64	69	24.93	24.89	27.92	25.52	25.57	28.56	25.62	25.37	28.51
		133	0	24.80	24.64	27.73	25.47	25.30	28.40	25.51	25.72	28.63
50M	CP 16QAM	1	1	24.66	24.73	27.71	24.73	24.63	27.69	24.82	24.87	27.86
50M	CP 64QAM	1	1	22.90	23.01	25.97	23.18	23.20	26.20	23.91	23.76	26.85
50M	CP 256QAM	1	1	21.17	21.35	24.27	21.17	21.32	24.26	21.86	21.63	24.76
BW	MCS Index	Channel		648000			656000			664000		
		Frequency (MHz)		3720			3840			3960		
40M	CP QPSK	1	1	25.68	25.61	28.66	25.97	26.07	29.03	26.02	25.89	28.97
		1	53	24.96	25.11	28.05	26.01	25.88	28.96	25.81	25.95	28.89
		1	104	25.50	25.37	28.45	26.10	26.06	29.09	25.80	25.73	28.78
		50	0	24.57	24.51	27.55	25.35	25.20	28.29	25.36	25.29	28.34
		50	28	25.31	25.36	28.35	25.87	26.04	28.97	25.90	25.67	28.80
		50	56	25.02	24.90	27.97	25.51	25.48	28.51	25.56	25.45	28.52
		106	0	24.90	24.68	27.80	25.39	25.53	28.47	25.61	25.43	28.53
40M	CP 16QAM	1	1	24.78	24.84	27.82	24.72	24.98	27.86	24.92	24.97	27.96
40M	CP 64QAM	1	1	23.18	23.07	26.14	23.13	23.38	26.27	23.79	23.81	26.81
40M	CP 256QAM	1	1	21.40	21.18	24.30	21.34	21.29	24.33	21.76	21.83	24.81



NR Band 77												
BW	MCS Index	RB Size	RB Offset	Low			Mid			High		
		Channel		647668			656000			664332		
		Frequency (MHz)		3715.02			3840			3964.98		
		Tx Chain		Ant.3	Ant.5	Total	Ant.3	Ant.5	Total	Ant.3	Ant.5	Total
30M	CP QPSK	1	1	25.49	25.53	28.52	25.91	26.12	29.03	26.18	26.02	29.11
		1	39	25.24	25.46	28.36	26.00	26.08	29.05	25.91	25.97	28.95
		1	76	25.51	25.53	28.53	25.90	25.97	28.95	25.88	26.01	28.96
		36	0	24.66	24.60	27.64	25.35	25.43	28.40	25.70	25.51	28.62
		36	21	24.95	25.07	28.02	25.88	25.98	28.94	26.03	25.98	29.02
		36	42	24.89	24.95	27.93	25.48	25.54	28.52	25.43	25.43	28.44
		78	0	24.78	24.92	27.86	25.52	25.43	28.49	25.44	25.42	28.44
30M	CP 16QAM	1	1	24.74	24.66	27.71	24.88	24.78	27.84	24.94	24.93	27.95
30M	CP 64QAM	1	1	22.93	23.05	26.00	23.11	23.04	26.09	23.86	23.71	26.80
30M	CP 256QAM	1	1	21.31	21.36	24.35	21.26	21.44	24.36	21.90	21.70	24.81
BW	MCS Index	Channel		647334			656000			664666		
		Frequency (MHz)		3710.01			3840			3969.99		
20M	CP QPSK	1	1	25.43	25.36	28.41	26.04	25.99	29.03	25.95	26.04	29.01
		1	26	25.41	25.33	28.38	26.03	26.14	29.10	25.84	25.96	28.91
		1	49	25.48	25.40	28.45	26.03	25.99	29.02	25.90	25.71	28.82
		25	0	24.62	24.66	27.65	25.38	25.22	28.31	25.43	25.41	28.43
		25	13	25.11	25.24	28.19	25.96	25.87	28.93	25.95	25.79	28.88
		25	26	24.97	24.99	27.99	25.55	25.66	28.62	25.41	25.52	28.48
		51	0	24.84	24.86	27.86	25.48	25.34	28.42	25.58	25.68	28.64
20M	CP 16QAM	1	1	24.57	24.60	27.60	24.65	24.56	27.62	24.90	24.84	27.88
20M	CP 64QAM	1	1	23.15	23.10	26.14	23.29	23.33	26.32	23.70	23.79	26.76
20M	CP 256QAM	1	1	21.17	21.30	24.25	21.44	21.46	24.46	21.81	21.76	24.80

NR Band 77												
BW	MCS Index	RB Size	RB Offset	Low			Mid			High		
		Channel		647334			656000			664666		
		Frequency (MHz)		3710.01			3840			3969.99		
		Tx Chain		Ant.3	Ant.5	Total	Ant.3	Ant.5	Total	Ant.3	Ant.5	Total
15M	CP QPSK	1	1	25.30	25.38	28.35	26.04	25.98	29.02	25.86	25.95	28.92
		1	19	25.19	25.09	28.15	25.91	26.12	29.03	25.87	26.02	28.96
		1	36	25.52	25.38	28.46	26.08	26.04	29.07	25.78	25.72	28.76
		18	0	24.65	24.57	27.62	25.39	25.23	28.32	25.37	25.53	28.46
		18	10	25.21	25.22	28.23	25.86	26.07	28.98	25.81	25.91	28.87
		18	20	24.82	24.76	27.80	25.38	25.49	28.45	25.67	25.52	28.61
		38	0	24.76	24.81	27.80	25.52	25.48	28.51	25.48	25.52	28.51
15M	CP 16QAM	1	1	24.67	24.74	27.72	24.76	24.63	27.71	25.00	24.84	27.93
15M	CP 64QAM	1	1	22.93	23.06	26.01	23.21	23.25	26.24	23.84	23.63	26.75
15M	CP 256QAM	1	1	21.32	21.18	24.26	21.24	21.22	24.24	21.88	21.74	24.82
BW	MCS Index	Channel		647000			656000			66500		
		Frequency (MHz)		3705			3840			3975		
10M	CP QPSK	1	1	25.49	25.58	28.55	25.99	26.14	29.08	25.93	25.98	28.97
		1	11	25.17	25.09	28.14	25.90	26.13	29.03	25.87	25.93	28.91
		1	22	25.37	25.40	28.40	26.16	26.01	29.10	25.75	25.86	28.82
		12	0	24.55	24.65	27.61	25.41	25.33	28.38	25.69	25.50	28.61
		12	6	25.20	25.14	28.18	26.06	25.86	28.97	26.03	25.95	29.00
		12	12	25.00	24.95	27.99	25.48	25.64	28.57	25.67	25.50	28.60
		24	0	24.76	24.85	27.82	25.40	25.28	28.35	25.35	25.48	28.43
10M	CP 16QAM	1	1	24.71	24.81	27.77	24.62	24.70	27.67	25.00	24.95	27.99
10M	CP 64QAM	1	1	23.08	22.99	26.05	23.33	23.13	26.24	23.55	23.73	26.65
10M	CP 256QAM	1	1	21.43	21.42	24.44	21.30	21.20	24.26	21.72	21.82	24.78

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

ps: Conducted output power is for reference, and its EIRP is mainly tested in radiated mode. SCS 30kHz is the worst for the final tests.

Mode A

NR Band 77												
BW	MCS Index	RB Size	RB Offset	Low			Mid			High		
		Channel		650000			656000			662000		
		Frequency (MHz)		3750			3840			3930		
		Tx Chain		Ant.3	Ant.5	Total	Ant.3	Ant.5	Total	Ant.3	Ant.5	Total
100M	CP QPSK	1	1	27.16	27.06	30.12	27.97	27.93	30.96	27.93	27.91	30.93
		1	137	26.95	26.96	29.97	27.87	27.78	30.84	27.82	27.78	30.81
		1	271	27.31	27.25	30.29	27.93	27.79	30.87	27.75	27.75	30.76
		135	0	26.56	26.50	29.54	27.20	27.17	30.20	27.38	27.40	30.40
		135	69	27.07	27.03	30.06	27.89	27.87	30.89	27.81	27.81	30.82
		135	138	26.74	26.66	29.71	27.48	27.45	30.48	27.39	27.34	30.38
		273	0	26.66	26.54	29.61	27.34	27.23	30.30	27.46	27.44	30.46
100M	CP 16QAM	1	1	26.60	26.58	29.60	26.62	26.57	29.61	26.82	26.72	29.78
100M	CP 64QAM	1	1	24.94	24.83	27.90	25.07	25.06	28.08	25.62	25.59	28.62
100M	CP 256QAM	1	1	23.17	23.10	26.15	23.18	23.08	26.14	23.64	23.64	26.65
BW	MCS Index	Channel		649668			656000			662332		
		Frequency (MHz)		3745.02			3840			3934.98		
90M	CP QPSK	1	1	27.42	27.33	30.39	27.94	27.90	30.93	27.86	27.77	30.83
		1	123	27.03	27.07	30.06	27.76	27.66	30.72	27.82	27.81	30.83
		1	243	27.29	27.22	30.27	27.84	27.85	30.86	27.73	27.65	30.70
		120	0	26.59	26.61	29.61	27.17	27.13	30.16	27.27	27.18	30.24
		120	63	27.05	26.93	30.00	27.87	27.84	30.87	27.74	27.63	30.70
		120	125	26.72	26.61	29.68	27.44	27.45	30.46	27.35	27.31	30.34
		245	0	26.69	26.57	29.64	27.30	27.31	30.32	27.43	27.43	30.44
90M	CP16QAM	1	1	26.60	26.48	29.55	26.58	26.46	29.53	26.81	26.83	29.83
90M	CP 64QAM	1	1	24.85	24.74	27.81	25.04	24.98	28.02	25.56	25.44	28.51
90M	CP 256QAM	1	1	23.19	23.08	26.15	23.11	23.02	26.08	23.65	23.61	26.64



NR Band 77												
BW	MCS Index	RB Size	RB Offset	Low			Mid			High		
		Channel		649334			656000			662666		
		Frequency (MHz)		3740.01			3840			3939.99		
		Tx Chain		Ant.3	Ant.5	Total	Ant.3	Ant.5	Total	Ant.3	Ant.5	Total
80M	CP QPSK	1	1	27.32	27.22	30.28	27.86	27.76	30.82	27.88	27.80	30.85
		1	109	26.90	26.77	29.85	27.88	27.76	30.83	27.82	27.84	30.84
		1	216	27.34	27.33	30.35	27.90	27.80	30.86	27.67	27.60	30.65
		108	0	26.49	26.38	29.45	27.12	27.01	30.08	27.27	27.25	30.27
		108	55	26.96	26.83	29.91	27.80	27.79	30.81	27.70	27.70	30.71
		108	109	26.71	26.72	29.73	27.41	27.41	30.42	27.39	27.42	30.42
		217	0	26.58	26.49	29.55	27.36	27.38	30.38	27.38	27.35	30.38
80M	CP 16QAM	1	1	26.62	26.51	29.58	26.64	26.55	29.61	26.85	26.86	29.87
80M	CP 64QAM	1	1	24.91	24.81	27.87	25.09	25.02	28.07	25.64	25.55	28.61
80M	CP 256QAM	1	1	23.11	23.02	26.08	23.07	23.00	26.05	23.61	23.58	26.61
BW	MCS Index	Channel		649000			6560000			663000		
		Frequency (MHz)		3735			3840			3945		
70M	CP QPSK	1	1	27.18	27.21	30.21	27.87	27.88	30.89	27.84	27.73	30.80
		1	95	26.89	26.80	29.86	27.90	27.86	30.89	27.81	27.77	30.80
		1	187	27.34	27.33	30.35	27.93	27.73	30.84	27.77	27.74	30.77
		90	0	26.55	26.53	29.55	27.13	27.06	30.11	27.29	27.22	30.27
		90	50	27.03	27.01	30.03	27.82	27.75	30.80	27.80	27.70	30.76
		90	99	26.76	26.79	29.79	27.38	27.30	30.35	27.39	27.35	30.38
		189	0	26.67	26.65	29.67	27.24	27.14	30.20	27.41	27.29	30.36
70M	CP16QAM	1	1	26.60	26.62	29.62	26.65	26.61	29.64	26.71	26.64	29.69
70M	CP 64QAM	1	1	24.84	24.81	27.84	25.03	24.93	27.99	25.57	25.58	28.59
70M	CP 256QAM	1	1	23.16	23.20	26.19	23.11	23.05	26.09	23.59	23.55	26.58

NR Band 77												
BW	MCS Index	RB Size	RB Offset	Low			Mid			High		
		Channel		648668			656000			663332		
		Frequency (MHz)		3730.02			3840			3949.98		
		Tx Chain		Ant.3	Ant.5	Total	Ant.3	Ant.5	Total	Ant.3	Ant.5	Total
60M	CP QPSK	1	1	27.29	27.20	30.26	27.94	27.92	30.94	27.88	27.84	30.87
		1	81	27.10	26.97	30.05	27.86	27.84	30.86	27.76	27.72	30.75
		1	160	27.21	27.22	30.23	27.91	27.69	30.81	27.64	27.52	30.59
		81	0	26.54	26.44	29.50	27.11	27.10	30.12	27.27	27.31	30.30
		81	41	27.08	27.07	30.09	27.91	27.87	30.90	27.70	27.67	30.70
		81	81	26.72	26.68	29.71	27.37	27.29	30.34	27.39	27.28	30.35
		162	0	26.60	26.51	29.57	27.25	27.24	30.26	27.45	27.33	30.40
60M	CP 16QAM	1	1	26.62	26.59	29.62	26.58	26.56	29.58	26.83	26.86	29.86
60M	CP 64QAM	1	1	24.90	24.80	27.86	25.02	25.04	28.04	25.58	25.62	28.61
60M	CP 256QAM	1	1	23.19	23.12	26.17	23.11	23.07	26.10	23.55	23.44	26.51
BW	MCS Index	Channel		648334			656000			663666		
		Frequency (MHz)		3725.01			3840			3954.99		
50M	CP QPSK	1	1	27.34	27.34	30.35	27.87	27.78	30.84	27.96	27.86	30.92
		1	67	26.98	26.99	30.00	27.90	27.89	30.91	27.80	27.68	30.75
		1	131	27.23	27.26	30.26	27.91	27.92	30.93	27.64	27.57	30.62
		64	0	26.50	26.47	29.50	27.15	27.15	30.16	27.28	27.17	30.24
		64	35	27.01	27.01	30.02	27.88	27.84	30.87	27.72	27.67	30.71
		64	69	26.75	26.78	29.78	27.48	27.52	30.51	27.35	27.22	30.30
		133	0	26.59	26.57	29.59	27.24	27.16	30.21	27.46	27.42	30.45
50M	CP 16QAM	1	1	26.58	26.55	29.58	26.60	26.51	29.57	26.72	26.75	29.75
50M	CP 64QAM	1	1	24.83	24.82	27.84	24.98	25.00	28.00	25.62	25.49	28.57
50M	CP 256QAM	1	1	23.14	23.18	26.17	23.14	23.09	26.13	23.60	23.51	26.57

NR Band 77												
BW	MCS Index	RB Size	RB Offset	Low			Mid			High		
		Channel		648000			656000			664000		
		Frequency (MHz)		3720			3840			3960		
		Tx Chain		Ant.3	Ant.5	Total	Ant.3	Ant.5	Total	Ant.3	Ant.5	Total
40M	CP QPSK	1	1	27.42	27.46	30.45	27.88	27.79	30.85	27.91	27.79	30.86
		1	53	26.91	26.82	29.88	27.77	27.64	30.72	27.79	27.68	30.75
		1	104	27.32	27.34	30.34	27.93	27.89	30.92	27.65	27.55	30.61
		50	0	26.52	26.53	29.54	27.20	27.10	30.16	27.29	27.28	30.30
		50	28	27.04	27.02	30.04	27.78	27.74	30.77	27.70	27.67	30.70
		50	56	26.69	26.62	29.67	27.41	27.31	30.37	27.28	27.15	30.23
		106	0	26.60	26.50	29.56	27.30	27.23	30.28	27.44	27.39	30.43
40M	CP 16QAM	1	1	26.54	26.41	29.49	26.65	26.61	29.64	26.76	26.75	29.77
40M	CP 64QAM	1	1	24.91	24.83	27.88	25.10	25.08	28.10	25.65	25.62	28.65
40M	CP 256QAM	1	1	23.16	23.20	26.19	23.15	23.03	26.10	23.53	23.44	26.50
BW	MCS Index	Channel		647668			656000			664332		
		Frequency (MHz)		3715.02			3840			3964.98		
30M	CP QPSK	1	1	27.35	27.36	30.37	27.94	27.93	30.95	27.96	27.91	30.95
		1	39	27.13	27.12	30.14	27.87	27.79	30.84	27.85	27.73	30.80
		1	76	27.29	27.25	30.28	27.89	27.89	30.90	27.70	27.59	30.66
		36	0	26.56	26.54	29.56	27.22	27.10	30.17	27.38	27.40	30.40
		36	21	26.97	26.87	29.93	27.81	27.75	30.79	27.82	27.70	30.77
		36	42	26.69	26.67	29.69	27.38	27.28	30.34	27.30	27.19	30.26
		78	0	26.59	26.57	29.59	27.29	27.30	30.31	27.40	27.40	30.41
30M	CP 16QAM	1	1	26.60	26.56	29.59	26.63	26.61	29.63	26.84	26.82	29.84
30M	CP 64QAM	1	1	24.92	24.91	27.93	24.98	25.01	28.01	25.55	25.53	28.55
30M	CP 256QAM	1	1	23.14	23.03	26.10	23.19	23.12	26.17	23.61	23.53	26.58



NR Band 77												
BW	MCS Index	RB Size	RB Offset	Low			Mid			High		
		Channel		647334			656000			664666		
		Frequency (MHz)		3710.01			3840			3969.99		
		Tx Chain		Ant.3	Ant.5	Total	Ant.3	Ant.5	Total	Ant.3	Ant.5	Total
20M	CP QPSK	1	1	27.15	27.12	30.15	27.88	27.84	30.87	27.85	27.78	30.83
		1	26	27.21	27.11	30.17	27.88	27.82	30.86	27.71	27.72	30.73
		1	49	27.25	27.27	30.27	27.96	27.75	30.87	27.69	27.60	30.66
		25	0	26.51	26.54	29.54	27.23	27.17	30.21	27.35	27.31	30.34
		25	13	27.06	26.99	30.04	27.87	27.86	30.88	27.75	27.73	30.75
		25	26	26.75	26.64	29.71	27.50	27.39	30.46	27.35	27.39	30.38
		51	0	26.62	26.53	29.59	27.25	27.18	30.23	27.42	27.32	30.38
20M	CP 16QAM	1	1	26.57	26.48	29.54	26.55	26.50	29.54	26.80	26.82	29.82
20M	CP 64QAM	1	1	24.91	24.90	27.92	25.03	24.93	27.99	25.55	25.46	28.52
20M	CP 256QAM	1	1	23.19	23.11	26.16	23.20	23.16	26.19	23.65	23.60	26.64
BW	MCS Index	Channel		647168			656000			664832		
		Frequency (MHz)		3707.52			3840			3972.48		
15M	CP QPSK	1	1	27.13	27.03	30.09	27.89	27.76	30.84	27.82	27.84	30.84
		1	19	26.99	27.03	30.02	27.90	27.91	30.92	27.81	27.82	30.83
		1	36	27.29	27.22	30.27	27.94	27.63	30.80	27.67	27.55	30.62
		18	0	26.49	26.41	29.46	27.18	27.15	30.18	27.34	27.28	30.32
		18	10	27.06	27.07	30.08	27.87	27.83	30.86	27.77	27.76	30.78
		18	20	26.71	26.73	29.73	27.41	27.33	30.38	27.40	27.38	30.40
		38	0	26.68	26.67	29.69	27.29	27.26	30.29	27.36	27.34	30.36
15M	CP 16QAM	1	1	26.54	26.45	29.51	26.52	26.39	29.47	26.78	26.73	29.77
15M	CP 64QAM	1	1	24.85	24.88	27.88	25.07	24.96	28.03	25.58	25.59	28.60
15M	CP 256QAM	1	1	23.15	23.13	26.15	23.11	23.11	26.12	23.56	23.47	26.53



NR Band 77												
BW	MCS Index	RB Size	RB Offset	Low			Mid			High		
		Channel		647000			656000			66500		
		Frequence (MHz)		3705			3840			3975		
		Tx Chain		Ant.3	Ant.5	Total	Ant.3	Ant.5	Total	Ant.3	Ant.5	Total
10M	CP QPSK	1	1	27.33	27.27	30.31	27.92	27.79	30.87	27.86	27.88	30.88
		1	11	26.97	26.84	29.92	27.89	27.77	30.84	27.72	27.69	30.72
		1	22	27.24	27.17	30.22	27.94	27.85	30.91	27.70	27.73	30.73
		12	0	26.46	26.37	29.43	27.15	27.06	30.12	27.41	27.44	30.44
		12	6	27.04	27.08	30.07	27.85	27.74	30.81	27.77	27.81	30.80
		12	12	26.73	26.74	29.75	27.49	27.53	30.52	27.39	27.41	30.41
		24	0	26.63	26.60	29.63	27.32	27.19	30.27	27.35	27.33	30.35
10M	CP 16QAM	1	1	26.57	26.52	29.56	26.64	26.53	29.60	26.80	26.75	29.79
10M	CP 64QAM	1	1	24.90	24.84	27.88	25.00	24.94	27.98	25.59	25.54	28.58
10M	CP 256QAM	1	1	23.15	23.19	26.18	23.11	23.01	26.07	23.62	23.56	26.60

Mode B

NR Band 77												
BW	MCS Index	RB Size	RB Offset	Low			Mid			High		
		Channel		650000			656000			662000		
		Frequency (MHz)		3750			3840			3930		
		Tx Chain		Ant.3	Ant.5	Total	Ant.3	Ant.5	Total	Ant.3	Ant.5	Total
100M	CP QPSK	1	1	25.21	25.19	28.21	26.03	26.08	29.07	26.08	25.95	29.03
		1	137	24.98	25.11	28.06	26.01	25.89	28.96	25.89	25.82	28.87
		1	271	25.34	25.30	28.33	26.00	25.85	28.94	25.90	25.85	28.89
		135	0	24.70	24.58	27.65	25.24	25.26	28.26	25.46	25.52	28.50
		135	69	25.21	25.07	28.15	25.95	25.91	28.94	25.89	25.86	28.89
		135	138	24.89	24.70	27.81	25.54	25.60	28.58	25.42	25.43	28.44
		273	0	24.80	24.65	27.74	25.48	25.37	28.44	25.55	25.57	28.57
100M	CP 16QAM	1	1	24.69	24.61	27.66	24.72	24.67	27.71	24.94	24.86	27.91
100M	CP 64QAM	1	1	23.03	22.89	25.97	23.17	23.18	26.19	23.73	23.72	26.74
100M	CP 256QAM	1	1	21.30	21.18	24.25	21.24	21.17	24.22	21.75	21.74	24.76
BW	MCS Index	Channel		649668			656000			662332		
		Frequency (MHz)		3745.02			3840			3934.98		
90M	CP QPSK	1	1	25.46	25.37	28.43	26.05	25.98	29.03	26.01	25.83	28.93
		1	123	25.17	25.16	28.18	25.90	25.78	28.85	25.87	25.90	28.90
		1	243	25.33	25.26	28.31	25.90	25.99	28.96	25.84	25.80	28.83
		120	0	24.66	24.69	27.69	25.28	25.19	28.25	25.38	25.26	28.33
		120	63	25.10	25.04	28.08	25.97	25.94	28.97	25.78	25.69	28.75
		120	125	24.79	24.66	27.74	25.58	25.48	28.54	25.39	25.42	28.42
		245	0	24.83	24.66	27.76	25.42	25.46	28.45	25.54	25.46	28.51
90M	CP16QAM	1	1	24.67	24.57	27.63	24.65	24.53	27.60	24.90	24.86	27.89
90M	CP 64QAM	1	1	22.89	22.81	25.86	23.13	23.11	26.13	23.68	23.52	26.61
90M	CP 256QAM	1	1	21.29	21.14	24.23	21.15	21.13	24.15	21.73	21.71	24.73



NR Band 77												
BW	MCS Index	RB Size	RB Offset	Low			Mid			High		
		Channel		649334			656000			662666		
		Frequency (MHz)		3740.01			3840			3939.99		
		Tx Chain		Ant.3	Ant.5	Total	Ant.3	Ant.5	Total	Ant.3	Ant.5	Total
80M	CP QPSK	1	1	25.47	25.36	28.43	25.97	25.90	28.95	25.96	25.91	28.95
		1	109	24.97	24.85	27.92	25.93	25.91	28.93	25.91	25.89	28.91
		1	216	25.44	25.38	28.42	26.04	25.90	28.98	25.70	25.74	28.73
		108	0	24.54	24.53	27.55	25.23	25.15	28.20	25.38	25.29	28.35
		108	55	25.00	24.86	27.94	25.91	25.92	28.93	25.74	25.81	28.79
		108	109	24.78	24.77	27.79	25.51	25.49	28.51	25.54	25.53	28.55
		217	0	24.71	24.52	27.63	25.49	25.43	28.47	25.44	25.47	28.47
80M	CP 16QAM	1	1	24.72	24.56	27.65	24.77	24.62	27.71	24.95	24.91	27.94
80M	CP 64QAM	1	1	23.00	22.91	25.97	23.24	23.05	26.16	23.73	23.60	26.68
80M	CP 256QAM	1	1	21.18	21.05	24.13	21.15	21.13	24.15	21.66	21.61	24.65
BW	MCS Index	Channel		649000			6560000			663000		
		Frequency (MHz)		3735			3840			3945		
		1	1	25.25	25.30	28.29	25.95	25.94	28.96	25.91	25.88	28.91
70M	CP QPSK	1	95	25.03	24.83	27.94	25.96	25.95	28.97	25.94	25.80	28.88
		1	187	25.49	25.38	28.45	26.05	25.86	28.97	25.85	25.81	28.84
		90	0	24.66	24.66	27.67	25.21	25.20	28.22	25.39	25.29	28.35
		90	50	25.07	25.10	28.10	25.92	25.89	28.92	25.90	25.77	28.85
		90	99	24.83	24.94	27.90	25.45	25.33	28.40	25.42	25.44	28.44
		189	0	24.74	24.77	27.77	25.32	25.21	28.28	25.54	25.34	28.45
		70M	CP16QAM	1	1	24.63	24.77	27.71	24.78	24.74	27.77	24.80
70M	CP 64QAM	1	1	22.89	22.94	25.93	23.13	23.06	26.11	23.61	23.64	26.64
70M	CP 256QAM	1	1	21.29	21.27	24.29	21.14	21.15	24.16	21.68	21.63	24.67



NR Band 77												
BW	MCS Index	RB Size	RB Offset	Low			Mid			High		
		Channel		648668			656000			663332		
		Frequency (MHz)		3730.02			3840			3949.98		
		Tx Chain		Ant.3	Ant.5	Total	Ant.3	Ant.5	Total	Ant.3	Ant.5	Total
60M	CP QPSK	1	1	25.43	25.23	28.34	25.98	26.02	29.01	25.91	25.96	28.95
		1	81	25.15	25.03	28.10	25.99	25.97	28.99	25.90	25.81	28.87
		1	160	25.34	25.35	28.36	25.96	25.72	28.85	25.72	25.65	28.70
		81	0	24.57	24.59	27.59	25.19	25.22	28.22	25.42	25.34	28.39
		81	41	25.11	25.13	28.13	26.03	26.00	29.03	25.76	25.79	28.79
		81	81	24.86	24.78	27.83	25.40	25.32	28.37	25.50	25.37	28.45
		162	0	24.69	24.64	27.68	25.30	25.34	28.33	25.56	25.44	28.51
60M	CP 16QAM	1	1	24.69	24.64	27.68	24.64	24.64	27.65	24.98	24.99	28.00
60M	CP 64QAM	1	1	23.05	22.92	26.00	23.14	23.14	26.15	23.73	23.66	26.71
60M	CP 256QAM	1	1	21.28	21.15	24.23	21.15	21.20	24.19	21.60	21.54	24.58
BW	MCS Index	Channel		648334			656000			663666		
		Frequency (MHz)		3725.01			3840			3954.99		
50M	CP QPSK	1	1	25.37	25.39	28.39	25.99	25.93	28.97	25.99	25.89	28.95
		1	67	25.08	25.02	28.06	26.03	25.97	29.01	25.90	25.80	28.86
		1	131	25.30	25.29	28.31	26.05	26.06	29.07	25.73	25.63	28.69
		64	0	24.64	24.58	27.62	25.23	25.19	28.22	25.39	25.32	28.37
		64	35	25.12	25.15	28.15	25.96	25.93	28.96	25.83	25.72	28.79
		64	69	24.80	24.86	27.84	25.52	25.55	28.55	25.42	25.32	28.38
		133	0	24.63	24.68	27.67	25.28	25.24	28.27	25.56	25.45	28.52
50M	CP 16QAM	1	1	24.64	24.68	27.67	24.64	24.63	27.65	24.87	24.85	27.87
50M	CP 64QAM	1	1	22.96	22.93	25.96	23.05	23.11	26.09	23.66	23.63	26.66
50M	CP 256QAM	1	1	21.17	21.22	24.21	21.27	21.22	24.26	21.69	21.64	24.68

NR Band 77												
BW	MCS Index	RB Size	RB Offset	Low			Mid			High		
		Channel		648000			656000			664000		
		Frequency (MHz)		3720			3840			3960		
		Tx Chain		Ant.3	Ant.5	Total	Ant.3	Ant.5	Total	Ant.3	Ant.5	Total
40M	CP QPSK	1	1	25.49	25.55	28.53	25.92	25.87	28.91	26.05	25.83	28.95
		1	53	24.95	24.94	27.96	25.92	25.68	28.81	25.91	25.81	28.87
		1	104	25.46	25.43	28.46	26.03	26.03	29.04	25.72	25.67	28.71
		50	0	24.60	24.63	27.63	25.35	25.23	28.30	25.40	25.40	28.41
		50	28	25.12	25.17	28.16	25.85	25.83	28.85	25.75	25.76	28.77
		50	56	24.74	24.69	27.73	25.55	25.35	28.46	25.35	25.23	28.30
		106	0	24.75	24.64	27.71	25.44	25.35	28.41	25.57	25.52	28.56
40M	CP 16QAM	1	1	24.57	24.48	27.54	24.74	24.68	27.72	24.81	24.84	27.84
40M	CP 64QAM	1	1	22.97	22.96	25.98	23.13	23.17	26.16	23.79	23.66	26.74
40M	CP 256QAM	1	1	21.19	21.23	24.22	21.20	21.16	24.19	21.66	21.54	24.61
BW	MCS Index	Channel		647668			656000			664332		
		Frequency (MHz)		3715.02			3840			3964.98		
30M	CP QPSK	1	1	25.49	25.50	28.51	25.97	25.99	28.99	26.03	25.99	29.02
		1	39	25.17	25.16	28.18	25.92	25.82	28.88	25.90	25.81	28.87
		1	76	25.35	25.32	28.35	25.99	25.99	29.00	25.76	25.67	28.73
		36	0	24.69	24.63	27.67	25.37	25.23	28.31	25.51	25.45	28.49
		36	21	25.03	24.99	28.02	25.86	25.78	28.83	25.92	25.76	28.85
		36	42	24.82	24.71	27.78	25.43	25.33	28.39	25.38	25.32	28.36
		78	0	24.73	24.66	27.71	25.42	25.33	28.39	25.46	25.49	28.49
30M	CP 16QAM	1	1	24.69	24.70	27.71	24.73	24.72	27.74	24.90	24.97	27.95
30M	CP 64QAM	1	1	23.07	22.99	26.04	23.11	23.12	26.13	23.62	23.57	26.61
30M	CP 256QAM	1	1	21.19	21.16	24.19	21.24	21.16	24.21	21.76	21.65	24.72



NR Band 77												
BW	MCS Index	RB Size	RB Offset	Low			Mid			High		
		Channel		647334			656000			664666		
		Frequency (MHz)		3710.01			3840			3969.99		
		Tx Chain		Ant.3	Ant.5	Total	Ant.3	Ant.5	Total	Ant.3	Ant.5	Total
20M	CP QPSK	1	1	25.24	25.15	28.21	25.94	25.88	28.92	26.00	25.82	28.92
		1	26	25.32	25.23	28.29	25.98	25.96	28.98	25.78	25.75	28.78
		1	49	25.40	25.35	28.39	26.09	25.85	28.98	25.82	25.68	28.76
		25	0	24.62	24.60	27.62	25.30	25.30	28.31	25.46	25.37	28.43
		25	13	25.12	25.05	28.10	25.96	25.92	28.95	25.87	25.78	28.84
		25	26	24.87	24.72	27.81	25.54	25.54	28.55	25.50	25.48	28.50
		51	0	24.71	24.56	27.65	25.33	25.30	28.33	25.51	25.35	28.44
20M	CP 16QAM	1	1	24.72	24.56	27.65	24.69	24.62	27.67	24.83	24.91	27.88
20M	CP 64QAM	1	1	22.96	22.98	25.98	23.10	22.99	26.06	23.65	23.52	26.60
20M	CP 256QAM	1	1	21.29	21.16	24.24	21.25	21.24	24.26	21.75	21.75	24.76
BW	MCS Index	Channel		647168			656000			664832		
		Frequency (MHz)		3707.52			3840			3972.48		
15M	CP QPSK	1	1	25.17	25.07	28.13	26.04	25.87	28.97	25.97	25.99	28.99
		1	19	25.07	25.08	28.09	25.98	25.98	28.99	25.84	25.92	28.89
		1	36	25.38	25.26	28.33	26.02	25.78	28.91	25.78	25.62	28.71
		18	0	24.54	24.54	27.55	25.22	25.28	28.26	25.49	25.35	28.43
		18	10	25.21	25.10	28.17	25.93	25.96	28.96	25.83	25.82	28.84
		18	20	24.85	24.84	27.86	25.56	25.36	28.47	25.52	25.46	28.50
		38	0	24.72	24.70	27.72	25.40	25.31	28.37	25.40	25.39	28.41
15M	CP 16QAM	1	1	24.57	24.57	27.58	24.60	24.54	27.58	24.85	24.84	27.86
15M	CP 64QAM	1	1	22.88	22.97	25.94	23.19	23.06	26.14	23.71	23.71	26.72
15M	CP 256QAM	1	1	21.26	21.16	24.22	21.23	21.24	24.25	21.69	21.61	24.66



NR Band 77												
BW	MCS Index	RB Size	RB Offset	Low			Mid			High		
		Channel		647000			656000			66500		
		Frequency (MHz)		3705			3840			3975		
		Tx Chain		Ant.3	Ant.5	Total	Ant.3	Ant.5	Total	Ant.3	Ant.5	Total
10M	CP QPSK	1	1	25.45	25.31	28.39	26.02	25.85	28.95	25.98	25.93	28.97
		1	11	25.09	24.91	28.01	25.99	25.92	28.97	25.80	25.76	28.79
		1	22	25.29	25.28	28.30	25.99	25.94	28.98	25.77	25.82	28.81
		12	0	24.49	24.44	27.48	25.23	25.15	28.20	25.49	25.51	28.51
		12	6	25.12	25.22	28.18	25.95	25.85	28.91	25.87	25.89	28.89
		12	12	24.78	24.79	27.80	25.56	25.67	28.63	25.49	25.56	28.54
		24	0	24.78	24.69	27.75	25.45	25.23	28.35	25.48	25.47	28.49
10M	CP 16QAM	1	1	24.67	24.62	27.66	24.74	24.60	27.68	24.95	24.85	27.91
10M	CP 64QAM	1	1	22.98	22.99	26.00	23.15	23.01	26.09	23.63	23.66	26.66
10M	CP 256QAM	1	1	21.20	21.28	24.25	21.23	21.13	24.19	21.71	21.70	24.72

Mode A
Modulation Type: QPSK

NR Band 77, Channel Bandwidth 10MHz

Mode		TX channel 647000, 656000, 665000						
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	27.98	30.00	-2.02	2.03 H	242	86.85	-58.87
2	3840.00	28.87	30.00	-1.13	2.02 H	243	86.96	-58.09
3	3975.00	29.14	30.00	-0.86	1.99 H	247	86.84	-57.70
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	26.74	30.00	-3.26	1.58 V	280	85.61	-58.87
2	3840.00	27.58	30.00	-2.42	1.52 V	280	85.67	-58.09
3	3975.00	27.93	30.00	-2.07	1.58 V	282	85.63	-57.70

Remarks:

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

NR Band 77, Channel Bandwidth 15MHz

Mode		TX channel 647168, 656000, 664832						
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	3707.52	28.04	30.00	-1.96	1.99 H	242	86.89	-58.85
2	3840.00	28.96	30.00	-1.04	2.01 H	244	87.05	-58.09
3	3972.48	29.07	30.00	-0.93	2.00 H	241	86.78	-57.71
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	3707.52	26.67	30.00	-3.33	1.50 V	281	85.52	-58.85
2	3840.00	27.75	30.00	-2.25	1.49 V	278	85.84	-58.09
3	3972.48	27.77	30.00	-2.23	1.51 V	276	85.48	-57.71

Remarks:

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

NR Band 77, Channel Bandwidth 20MHz

Mode		TX channel 647334, 656000, 664666						
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	3710.01	28.42	30.00	-1.58	1.95 H	242	87.25	-58.83
2	3840.00	28.97	30.00	-1.03	1.97 H	245	87.06	-58.09
3	3969.99	29.06	30.00	-0.94	1.94 H	248	86.78	-57.72
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	3710.01	27.03	30.00	-2.97	1.51 V	282	85.86	-58.83
2	3840.00	27.52	30.00	-2.48	1.59 V	283	85.61	-58.09
3	3969.99	27.80	30.00	-2.20	1.59 V	279	85.52	-57.72

Remarks:

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

NR Band 77, Channel Bandwidth 30MHz

Mode		TX channel 647668, 656000, 664332						
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	3715.02	28.30	30.00	-1.70	2.02 H	241	87.09	-58.79
2	3840.00	28.78	30.00	-1.22	1.97 H	238	86.87	-58.09
3	3964.98	29.08	30.00	-0.92	1.98 H	245	86.81	-57.73
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	3715.02	26.69	30.00	-3.31	1.58 V	278	85.48	-58.79
2	3840.00	27.59	30.00	-2.41	1.54 V	282	85.68	-58.09
3	3964.98	27.89	30.00	-2.11	1.55 V	286	85.62	-57.73

Remarks:

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

NR Band 77, Channel Bandwidth 40MHz

Mode		TX channel 648000, 656000, 664000						
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	28.11	30.00	-1.89	1.96 H	241	86.86	-58.75
2	3840.00	28.96	30.00	-1.04	2.00 H	245	87.05	-58.09
3	3960.00	29.03	30.00	-0.97	2.01 H	242	86.76	-57.73
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	3720.00	27.18	30.00	-2.82	1.53 V	281	85.93	-58.75
2	3840.00	27.83	30.00	-2.17	1.57 V	276	85.92	-58.09
3	3960.00	27.91	30.00	-2.09	1.54 V	281	85.64	-57.73

Remarks:

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

NR Band 77, Channel Bandwidth 50MHz

Mode		TX channel 648334, 656000, 663666						
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	3725.01	28.17	30.00	-1.83	2.02 H	238	86.88	-58.71
2	3840.00	28.79	30.00	-1.21	2.04 H	244	86.88	-58.09
3	3954.99	29.09	30.00	-0.91	1.98 H	243	86.84	-57.75
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	3725.01	26.94	30.00	-3.06	1.59 V	277	85.65	-58.71
2	3840.00	27.60	30.00	-2.40	1.50 V	276	85.69	-58.09
3	3954.99	27.92	30.00	-2.08	1.52 V	278	85.67	-57.75

Remarks:

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

NR Band 77, Channel Bandwidth 60MHz

Mode		TX channel 648668, 656000, 663332						
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	3730.02	28.34	30.00	-1.66	2.03 H	240	87.01	-58.67
2	3840.00	28.68	30.00	-1.32	1.96 H	239	86.77	-58.09
3	3949.98	28.96	30.00	-1.04	1.98 H	237	86.72	-57.76
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	3730.02	27.11	30.00	-2.89	1.49 V	277	85.78	-58.67
2	3840.00	27.78	30.00	-2.22	1.55 V	276	85.87	-58.09
3	3949.98	27.78	30.00	-2.22	1.49 V	283	85.54	-57.76

Remarks:

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

NR Band 77, Channel Bandwidth 70MHz

Mode		TX channel 649000, 656000, 663000						
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	3735.00	28.30	30.00	-1.70	2.01 H	247	86.93	-58.63
2	3840.00	29.06	30.00	-0.94	2.02 H	245	87.15	-58.09
3	3945.00	29.10	30.00	-0.90	2.04 H	243	86.87	-57.77
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	3735.00	26.96	30.00	-3.04	1.57 V	281	85.59	-58.63
2	3840.00	27.59	30.00	-2.41	1.49 V	281	85.68	-58.09
3	3945.00	27.61	30.00	-2.39	1.55 V	279	85.38	-57.77

Remarks:

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

NR Band 77, Channel Bandwidth 80MHz

Mode		TX channel 649334, 656000, 662666						
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	3740.01	28.29	30.00	-1.71	1.94 H	242	86.88	-58.59
2	3840.00	28.83	30.00	-1.17	2.03 H	238	86.92	-58.09
3	3939.99	29.14	30.00	-0.86	2.04 H	239	86.92	-57.78
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	3740.01	27.06	30.00	-2.94	1.59 V	278	85.65	-58.59
2	3840.00	27.60	30.00	-2.40	1.53 V	277	85.69	-58.09
3	3939.99	27.89	30.00	-2.11	1.52 V	281	85.67	-57.78

Remarks:

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

NR Band 77, Channel Bandwidth 90MHz

Mode		TX channel 649668, 656000, 662332						
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	3745.02	28.38	30.00	-1.62	1.95 H	241	86.93	-58.55
2	3840.00	29.06	30.00	-0.94	1.94 H	240	87.15	-58.09
3	3934.98	29.14	30.00	-0.86	1.99 H	243	86.93	-57.79
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	3745.02	27.04	30.00	-2.96	1.57 V	280	85.59	-58.55
2	3840.00	27.59	30.00	-2.41	1.54 V	277	85.68	-58.09
3	3934.98	27.59	30.00	-2.41	1.50 V	279	85.38	-57.79

Remarks:

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

NR Band 77, Channel Bandwidth 100MHz

Mode		TX channel 650000, 656000, 662000						
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	3750.00	29.07	30.00	-0.93	1.96 H	238	87.58	-58.51
2	3840.00	29.16	30.00	-0.84	1.99 H	241	87.25	-58.09
3	3930.00	28.97	30.00	-1.03	1.97 H	237	86.77	-57.80
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	3750.00	27.73	30.00	-2.27	1.52 V	281	86.24	-58.51
2	3840.00	27.85	30.00	-2.15	1.54 V	279	85.94	-58.09
3	3930.00	27.69	30.00	-2.31	1.52 V	280	85.49	-57.80

Remarks:

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

Modulation Type: 16QAM

NR Band 77, Channel Bandwidth 10MHz

Mode		TX channel 647000, 656000, 665000						
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	26.89	30.00	-3.11	1.99 H	245	85.76	-58.87
2	3840.00	26.75	30.00	-3.25	2.06 H	240	84.84	-58.09
3	3975.00	26.52	30.00	-3.48	1.99 H	241	84.22	-57.70
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	25.45	30.00	-4.55	1.57 V	279	84.32	-58.87
2	3840.00	25.47	30.00	-4.53	1.62 V	278	83.56	-58.09
3	3975.00	25.47	30.00	-4.53	1.54 V	280	83.17	-57.70

Remarks:

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

NR Band 77, Channel Bandwidth 15MHz

Mode		TX channel 647168, 656000, 664832						
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	3707.52	26.85	30.00	-3.15	2.04 H	242	85.70	-58.85
2	3840.00	26.89	30.00	-3.11	2.05 H	241	84.98	-58.09
3	3972.48	26.45	30.00	-3.55	2.00 H	244	84.16	-57.71
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	3707.52	25.24	30.00	-4.76	1.54 V	279	84.09	-58.85
2	3840.00	25.25	30.00	-4.75	1.54 V	278	83.34	-58.09
3	3972.48	25.69	30.00	-4.31	1.58 V	281	83.40	-57.71

Remarks:

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

NR Band 77, Channel Bandwidth 20MHz

Mode		TX channel 647334, 656000, 664666						
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	3710.01	26.60	30.00	-3.40	2.01 H	239	85.43	-58.83
2	3840.00	26.65	30.00	-3.35	2.02 H	243	84.74	-58.09
3	3969.99	26.44	30.00	-3.56	2.02 H	242	84.16	-57.72
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	3710.01	25.33	30.00	-4.67	1.58 V	280	84.16	-58.83
2	3840.00	25.75	30.00	-4.25	1.61 V	282	83.84	-58.09
3	3969.99	25.53	30.00	-4.47	1.59 V	280	83.25	-57.72

Remarks:

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

NR Band 77, Channel Bandwidth 30MHz

Mode		TX channel 647668, 656000, 664332						
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	3715.02	26.92	30.00	-3.08	2.06 H	241	85.71	-58.79
2	3840.00	26.92	30.00	-3.08	2.06 H	239	85.01	-58.09
3	3964.98	26.67	30.00	-3.33	2.03 H	239	84.40	-57.73
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	3715.02	25.61	30.00	-4.39	1.63 V	280	84.40	-58.79
2	3840.00	25.26	30.00	-4.74	1.62 V	281	83.35	-58.09
3	3964.98	25.28	30.00	-4.72	1.57 V	280	83.01	-57.73

Remarks:

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

NR Band 77, Channel Bandwidth 40MHz

Mode		TX channel 648000, 656000, 664000						
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	26.96	30.00	-3.04	1.99 H	244	85.71	-58.75
2	3840.00	26.73	30.00	-3.27	2.04 H	240	84.82	-58.09
3	3960.00	26.63	30.00	-3.37	1.99 H	240	84.36	-57.73
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	3720.00	25.69	30.00	-4.31	1.59 V	277	84.44	-58.75
2	3840.00	25.28	30.00	-4.72	1.62 V	283	83.37	-58.09
3	3960.00	25.25	30.00	-4.75	1.59 V	283	82.98	-57.73

Remarks:

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

NR Band 77, Channel Bandwidth 50MHz

Mode		TX channel 648334, 656000, 663666						
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	3725.01	26.47	30.00	-3.53	2.00 H	245	85.18	-58.71
2	3840.00	26.48	30.00	-3.52	2.00 H	242	84.57	-58.09
3	3954.99	26.83	30.00	-3.17	2.00 H	243	84.58	-57.75
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	3725.01	25.52	30.00	-4.48	1.59 V	278	84.23	-58.71
2	3840.00	25.50	30.00	-4.50	1.62 V	277	83.59	-58.09
3	3954.99	25.32	30.00	-4.68	1.62 V	279	83.07	-57.75

Remarks:

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

NR Band 77, Channel Bandwidth 60MHz

Mode		TX channel 648668, 656000, 663332						
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	3730.02	26.81	30.00	-3.19	1.99 H	240	85.48	-58.67
2	3840.00	26.93	30.00	-3.07	2.04 H	245	85.02	-58.09
3	3949.98	26.65	30.00	-3.35	2.05 H	245	84.41	-57.76
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	3730.02	25.38	30.00	-4.62	1.62 V	277	84.05	-58.67
2	3840.00	25.39	30.00	-4.61	1.60 V	281	83.48	-58.09
3	3949.98	25.58	30.00	-4.42	1.59 V	278	83.34	-57.76

Remarks:

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

NR Band 77, Channel Bandwidth 70MHz

Mode		TX channel 649000, 656000, 663000						
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	3735.00	26.82	30.00	-3.18	2.02 H	241	85.45	-58.63
2	3840.00	26.64	30.00	-3.36	2.01 H	241	84.73	-58.09
3	3945.00	26.50	30.00	-3.50	2.06 H	242	84.27	-57.77
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	3735.00	25.30	30.00	-4.70	1.61 V	284	83.93	-58.63
2	3840.00	25.72	30.00	-4.28	1.61 V	281	83.81	-58.09
3	3945.00	25.66	30.00	-4.34	1.61 V	282	83.43	-57.77

Remarks:

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

NR Band 77, Channel Bandwidth 80MHz

Mode		TX channel 649334, 656000, 662666						
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	3740.01	26.44	30.00	-3.56	2.04 H	243	85.03	-58.59
2	3840.00	26.46	30.00	-3.54	2.01 H	244	84.55	-58.09
3	3939.99	26.84	30.00	-3.16	2.02 H	245	84.62	-57.78
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	3740.01	25.51	30.00	-4.49	1.57 V	279	84.10	-58.59
2	3840.00	25.53	30.00	-4.47	1.54 V	284	83.62	-58.09
3	3939.99	25.33	30.00	-4.67	1.60 V	283	83.11	-57.78

Remarks:

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

NR Band 77, Channel Bandwidth 90MHz

Mode		TX channel 649668, 656000, 662332						
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	3745.02	26.79	30.00	-3.21	2.05 H	242	85.34	-58.55
2	3840.00	26.64	30.00	-3.36	2.07 H	243	84.73	-58.09
3	3934.98	26.52	30.00	-3.48	2.08 H	246	84.31	-57.79
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	3745.02	25.26	30.00	-4.74	1.57 V	284	83.81	-58.55
2	3840.00	25.68	30.00	-4.32	1.56 V	283	83.77	-58.09
3	3934.98	25.69	30.00	-4.31	1.62 V	280	83.48	-57.79

Remarks:

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

NR Band 77, Channel Bandwidth 100MHz

Mode		TX channel 650000, 656000, 662000						
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	3750.00	26.45	30.00	-3.55	2.01 H	245	84.96	-58.51
2	3840.00	26.44	30.00	-3.56	2.05 H	246	84.53	-58.09
3	3930.00	26.87	30.00	-3.13	2.05 H	241	84.67	-57.80
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	3750.00	25.49	30.00	-4.51	1.53 V	277	84.00	-58.51
2	3840.00	25.53	30.00	-4.47	1.59 V	281	83.62	-58.09
3	3930.00	25.35	30.00	-4.65	1.61 V	284	83.15	-57.80

Remarks:

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

Modulation Type: 64QAM

NR Band 77, Channel Bandwidth 10MHz

Mode		TX channel 647000, 656000, 665000						
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	25.88	30.00	-4.12	1.99 H	240	84.75	-58.87
2	3840.00	25.75	30.00	-4.25	2.04 H	243	83.84	-58.09
3	3975.00	25.50	30.00	-4.50	2.03 H	242	83.20	-57.70
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	24.44	30.00	-5.56	1.63 V	282	83.31	-58.87
2	3840.00	24.47	30.00	-5.53	1.56 V	277	82.56	-58.09
3	3975.00	24.45	30.00	-5.55	1.63 V	277	82.15	-57.70

Remarks:

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

NR Band 77, Channel Bandwidth 15MHz

Mode		TX channel 647168, 656000, 664832						
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	3707.52	25.83	30.00	-4.17	2.05 H	240	84.68	-58.85
2	3840.00	25.90	30.00	-4.10	2.01 H	245	83.99	-58.09
3	3972.48	25.47	30.00	-4.53	2.04 H	246	83.18	-57.71
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	3707.52	24.24	30.00	-5.76	1.60 V	280	83.09	-58.85
2	3840.00	24.26	30.00	-5.74	1.55 V	278	82.35	-58.09
3	3972.48	24.68	30.00	-5.32	1.56 V	278	82.39	-57.71

Remarks:

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

NR Band 77, Channel Bandwidth 20MHz

Mode		TX channel 647334, 656000, 664666						
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	3710.01	25.62	30.00	-4.38	2.03 H	243	84.45	-58.83
2	3840.00	25.64	30.00	-4.36	2.03 H	242	83.73	-58.09
3	3969.99	25.43	30.00	-4.57	2.03 H	244	83.15	-57.72
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	3710.01	24.31	30.00	-5.69	1.56 V	283	83.14	-58.83
2	3840.00	24.74	30.00	-5.26	1.62 V	283	82.83	-58.09
3	3969.99	24.53	30.00	-5.47	1.54 V	279	82.25	-57.72

Remarks:

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

NR Band 77, Channel Bandwidth 30MHz

Mode		TX channel 647668, 656000, 664332						
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	3715.02	25.91	30.00	-4.09	1.98 H	246	84.70	-58.79
2	3840.00	25.91	30.00	-4.09	1.98 H	245	84.00	-58.09
3	3964.98	25.69	30.00	-4.31	2.08 H	243	83.42	-57.73
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	3715.02	24.63	30.00	-5.37	1.54 V	277	83.42	-58.79
2	3840.00	24.24	30.00	-5.76	1.55 V	278	82.33	-58.09
3	3964.98	24.27	30.00	-5.73	1.55 V	283	82.00	-57.73

Remarks:

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

NR Band 77, Channel Bandwidth 40MHz

Mode		TX channel 648000, 656000, 664000						
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	25.87	30.00	-4.13	1.95 H	244	84.62	-58.75
2	3840.00	25.86	30.00	-4.14	1.99 H	242	83.95	-58.09
3	3960.00	25.65	30.00	-4.35	2.11 H	249	83.38	-57.73
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	3720.00	24.63	30.00	-5.37	1.55 V	278	83.38	-58.75
2	3840.00	24.10	30.00	-5.90	1.57 V	277	82.19	-58.09
3	3960.00	24.32	30.00	-5.68	1.59 V	285	82.05	-57.73

Remarks:

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

NR Band 77, Channel Bandwidth 50MHz

Mode		TX channel 648334, 656000, 663666						
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	3725.01	25.45	30.00	-4.55	2.07 H	239	84.16	-58.71
2	3840.00	25.46	30.00	-4.54	2.08 H	246	83.55	-58.09
3	3954.99	25.81	30.00	-4.19	2.00 H	242	83.56	-57.75
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	3725.01	24.52	30.00	-5.48	1.60 V	281	83.23	-58.71
2	3840.00	24.55	30.00	-5.45	1.53 V	280	82.64	-58.09
3	3954.99	24.34	30.00	-5.66	1.62 V	281	82.09	-57.75

Remarks:

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

NR Band 77, Channel Bandwidth 60MHz

Mode		TX channel 648668, 656000, 663332						
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	3730.02	25.83	30.00	-4.17	2.04 H	240	84.50	-58.67
2	3840.00	25.94	30.00	-4.06	2.08 H	242	84.03	-58.09
3	3949.98	25.63	30.00	-4.37	2.06 H	239	83.39	-57.76
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	3730.02	24.40	30.00	-5.60	1.62 V	281	83.07	-58.67
2	3840.00	24.45	30.00	-5.55	1.60 V	279	82.54	-58.09
3	3949.98	24.59	30.00	-5.41	1.60 V	281	82.35	-57.76

Remarks:

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

NR Band 77, Channel Bandwidth 70MHz

Mode		TX channel 649000, 656000, 663000						
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	3735.00	25.84	30.00	-4.16	2.03 H	242	84.47	-58.63
2	3840.00	25.65	30.00	-4.35	2.03 H	243	83.74	-58.09
3	3945.00	25.51	30.00	-4.49	2.04 H	243	83.28	-57.77
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	3735.00	24.28	30.00	-5.72	1.59 V	282	82.91	-58.63
2	3840.00	24.71	30.00	-5.29	1.54 V	278	82.80	-58.09
3	3945.00	24.65	30.00	-5.35	1.61 V	281	82.42	-57.77

Remarks:

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

NR Band 77, Channel Bandwidth 80MHz

Mode		TX channel 649334, 656000, 662666						
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	3740.01	25.44	30.00	-4.56	2.00 H	240	84.03	-58.59
2	3840.00	25.47	30.00	-4.53	2.02 H	244	83.56	-58.09
3	3939.99	25.84	30.00	-4.16	1.98 H	239	83.62	-57.78
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	3740.01	24.53	30.00	-5.47	1.60 V	278	83.12	-58.59
2	3840.00	24.55	30.00	-5.45	1.53 V	277	82.64	-58.09
3	3939.99	24.31	30.00	-5.69	1.56 V	277	82.09	-57.78

Remarks:

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

NR Band 77, Channel Bandwidth 90MHz

Mode		TX channel 649668, 656000, 662332						
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	3745.02	25.77	30.00	-4.23	1.99 H	244	84.32	-58.55
2	3840.00	25.63	30.00	-4.37	2.08 H	241	83.72	-58.09
3	3934.98	25.50	30.00	-4.50	1.98 H	245	83.29	-57.79
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	3745.02	24.26	30.00	-5.74	1.58 V	279	82.81	-58.55
2	3840.00	24.66	30.00	-5.34	1.56 V	277	82.75	-58.09
3	3934.98	24.71	30.00	-5.29	1.63 V	281	82.50	-57.79

Remarks:

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

NR Band 77, Channel Bandwidth 100MHz

Mode		TX channel 650000, 656000, 662000						
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	3750.00	25.44	30.00	-4.56	1.99 H	245	83.95	-58.51
2	3840.00	25.42	30.00	-4.58	2.04 H	240	83.51	-58.09
3	3930.00	25.85	30.00	-4.15	2.08 H	244	83.65	-57.80
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	3750.00	24.48	30.00	-5.52	1.56 V	280	82.99	-58.51
2	3840.00	24.52	30.00	-5.48	1.58 V	281	82.61	-58.09
3	3930.00	24.34	30.00	-5.66	1.61 V	283	82.14	-57.80

Remarks:

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

Modulation Type: 256QAM

NR Band 77, Channel Bandwidth 10MHz

Mode		TX channel 647000, 656000, 665000						
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	24.89	30.00	-5.11	2.08 H	243	83.76	-58.87
2	3840.00	24.74	30.00	-5.26	2.00 H	244	82.83	-58.09
3	3975.00	24.52	30.00	-5.48	2.07 H	242	82.22	-57.70
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	23.45	30.00	-6.55	1.56 V	284	82.32	-58.87
2	3840.00	23.47	30.00	-6.53	1.54 V	284	81.56	-58.09
3	3975.00	23.48	30.00	-6.52	1.55 V	278	81.18	-57.70

Remarks:

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

NR Band 77, Channel Bandwidth 15MHz

Mode		TX channel 647168, 656000, 664832						
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	3707.52	24.84	30.00	-5.16	2.08 H	239	83.69	-58.85
2	3840.00	24.90	30.00	-5.10	1.99 H	239	82.99	-58.09
3	3972.48	24.49	30.00	-5.51	1.99 H	244	82.20	-57.71
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	3707.52	23.23	30.00	-6.77	1.59 V	281	82.08	-58.85
2	3840.00	23.27	30.00	-6.73	1.55 V	277	81.36	-58.09
3	3972.48	23.70	30.00	-6.30	1.60 V	280	81.41	-57.71

Remarks:

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

NR Band 77, Channel Bandwidth 20MHz

Mode		TX channel 647334, 656000, 664666						
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	3710.01	24.63	30.00	-5.37	2.02 H	239	83.46	-58.83
2	3840.00	24.66	30.00	-5.34	2.08 H	239	82.75	-58.09
3	3969.99	24.43	30.00	-5.57	2.02 H	244	82.15	-57.72
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	3710.01	23.31	30.00	-6.69	1.54 V	281	82.14	-58.83
2	3840.00	23.72	30.00	-6.28	1.61 V	284	81.81	-58.09
3	3969.99	23.51	30.00	-6.49	1.57 V	279	81.23	-57.72

Remarks:

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

NR Band 77, Channel Bandwidth 30MHz

Mode		TX channel 647668, 656000, 664332						
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	3715.02	24.93	30.00	-5.07	2.06 H	241	83.72	-58.79
2	3840.00	24.91	30.00	-5.09	2.08 H	242	83.00	-58.09
3	3964.98	24.70	30.00	-5.30	2.00 H	244	82.43	-57.73
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	3715.02	23.61	30.00	-6.39	1.58 V	284	82.40	-58.79
2	3840.00	23.24	30.00	-6.76	1.54 V	277	81.33	-58.09
3	3964.98	23.27	30.00	-6.73	1.54 V	283	81.00	-57.73

Remarks:

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

NR Band 77, Channel Bandwidth 40MHz

Mode		TX channel 648000, 656000, 664000						
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	24.99	30.00	-5.01	2.03 H	246	83.74	-58.75
2	3840.00	24.73	30.00	-5.27	2.05 H	245	82.82	-58.09
3	3960.00	24.67	30.00	-5.33	2.04 H	242	82.40	-57.73
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	3720.00	23.67	30.00	-6.33	1.57 V	283	82.42	-58.75
2	3840.00	23.28	30.00	-6.72	1.55 V	278	81.37	-58.09
3	3960.00	23.27	30.00	-6.73	1.55 V	278	81.00	-57.73

Remarks:

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

NR Band 77, Channel Bandwidth 50MHz

Mode		TX channel 648334, 656000, 663666						
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	3725.01	24.42	30.00	-5.58	1.98 H	243	83.13	-58.71
2	3840.00	24.46	30.00	-5.54	1.99 H	239	82.55	-58.09
3	3954.99	24.80	30.00	-5.20	2.07 H	239	82.55	-57.75
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	3725.01	23.53	30.00	-6.47	1.61 V	281	82.24	-58.71
2	3840.00	23.51	30.00	-6.49	1.55 V	279	81.60	-58.09
3	3954.99	23.32	30.00	-6.68	1.63 V	284	81.07	-57.75

Remarks:

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

NR Band 77, Channel Bandwidth 60MHz

Mode		TX channel 648668, 656000, 663332						
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	3730.02	24.81	30.00	-5.19	2.00 H	241	83.48	-58.67
2	3840.00	24.96	30.00	-5.04	2.01 H	246	83.05	-58.09
3	3949.98	24.64	30.00	-5.36	1.98 H	246	82.40	-57.76
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	3730.02	23.40	30.00	-6.60	1.56 V	283	82.07	-58.67
2	3840.00	23.45	30.00	-6.55	1.60 V	278	81.54	-58.09
3	3949.98	23.60	30.00	-6.40	1.58 V	283	81.36	-57.76

Remarks:

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

NR Band 77, Channel Bandwidth 70MHz

Mode		TX channel 649000, 656000, 663000						
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	3735.00	24.86	30.00	-5.14	1.99 H	246	83.49	-58.63
2	3840.00	24.64	30.00	-5.36	2.00 H	243	82.73	-58.09
3	3945.00	24.51	30.00	-5.49	1.99 H	242	82.28	-57.77
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	3735.00	23.29	30.00	-6.71	1.56 V	280	81.92	-58.63
2	3840.00	23.69	30.00	-6.31	1.55 V	284	81.78	-58.09
3	3945.00	23.67	30.00	-6.33	1.54 V	281	81.44	-57.77

Remarks:

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

NR Band 77, Channel Bandwidth 80MHz

Mode		TX channel 649334, 656000, 662666						
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	3740.01	24.46	30.00	-5.54	2.02 H	244	83.05	-58.59
2	3840.00	24.49	30.00	-5.51	1.98 H	242	82.58	-58.09
3	3939.99	24.85	30.00	-5.15	2.08 H	246	82.63	-57.78
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	3740.01	23.53	30.00	-6.47	1.62 V	279	82.12	-58.59
2	3840.00	23.55	30.00	-6.45	1.62 V	284	81.64	-58.09
3	3939.99	23.32	30.00	-6.68	1.54 V	283	81.10	-57.78

Remarks:

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

NR Band 77, Channel Bandwidth 90MHz

Mode		TX channel 649668, 656000, 662332						
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	3745.02	24.79	30.00	-5.21	2.02 H	244	83.34	-58.55
2	3840.00	24.63	30.00	-5.37	2.06 H	242	82.72	-58.09
3	3934.98	24.48	30.00	-5.52	2.06 H	244	82.27	-57.79
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	3745.02	23.24	30.00	-6.76	1.57 V	280	81.79	-58.55
2	3840.00	23.68	30.00	-6.32	1.54 V	278	81.77	-58.09
3	3934.98	23.69	30.00	-6.31	1.63 V	284	81.48	-57.79

Remarks:

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

NR Band 77, Channel Bandwidth 100MHz

Mode		TX channel 650000, 656000, 662000						
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	3750.00	24.45	30.00	-5.55	2.06 H	244	82.96	-58.51
2	3840.00	24.41	30.00	-5.59	2.06 H	242	82.50	-58.09
3	3930.00	24.86	30.00	-5.14	2.01 H	246	82.66	-57.80
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	3750.00	23.46	30.00	-6.54	1.55 V	284	81.97	-58.51
2	3840.00	23.52	30.00	-6.48	1.53 V	277	81.61	-58.09
3	3930.00	23.34	30.00	-6.66	1.58 V	284	81.14	-57.80

Remarks:

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

Mode B
Modulation Type: QPSK

NR Band 77, Channel Bandwidth 10MHz

Mode		TX channel 647000, 656000, 665000						
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	22.03	30.00	-7.97	2.69 H	158	80.90	-58.87
2	3840.00	21.82	30.00	-8.18	2.69 H	161	79.91	-58.09
3	3975.00	22.06	30.00	-7.94	2.67 H	158	79.76	-57.70
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	26.11	30.00	-3.89	3.87 V	339	84.98	-58.87
2	3840.00	26.38	30.00	-3.62	3.86 V	337	84.47	-58.09
3	3975.00	26.18	30.00	-3.82	3.95 V	338	83.88	-57.70

Remarks:

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

NR Band 77, Channel Bandwidth 15MHz

Mode		TX channel 647168, 656000, 664832						
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	3707.52	22.12	30.00	-7.88	2.65 H	158	80.97	-58.85
2	3840.00	21.74	30.00	-8.26	2.72 H	159	79.83	-58.09
3	3972.48	21.99	30.00	-8.01	2.71 H	158	79.70	-57.71
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	3707.52	26.37	30.00	-3.63	3.91 V	336	85.22	-58.85
2	3840.00	26.13	30.00	-3.87	3.86 V	340	84.22	-58.09
3	3972.48	26.28	30.00	-3.72	3.85 V	339	83.99	-57.71

Remarks:

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

NR Band 77, Channel Bandwidth 20MHz

Mode		TX channel 647334, 656000, 664666						
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	3710.01	22.08	30.00	-7.92	2.64 H	162	80.91	-58.83
2	3840.00	21.87	30.00	-8.13	2.67 H	159	79.96	-58.09
3	3969.99	21.78	30.00	-8.22	2.72 H	157	79.50	-57.72
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	3710.01	26.13	30.00	-3.87	3.88 V	335	84.96	-58.83
2	3840.00	26.54	30.00	-3.46	3.94 V	339	84.63	-58.09
3	3969.99	26.23	30.00	-3.77	3.93 V	334	83.95	-57.72

Remarks:

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

NR Band 77, Channel Bandwidth 30MHz

Mode		TX channel 647668, 656000, 664332						
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	3715.02	22.02	30.00	-7.98	2.68 H	157	80.81	-58.79
2	3840.00	21.95	30.00	-8.05	2.73 H	156	80.04	-58.09
3	3964.98	21.79	30.00	-8.21	2.64 H	155	79.52	-57.73
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	3715.02	26.04	30.00	-3.96	3.85 V	341	84.83	-58.79
2	3840.00	26.49	30.00	-3.51	3.89 V	336	84.58	-58.09
3	3964.98	26.09	30.00	-3.91	3.88 V	340	83.82	-57.73

Remarks:

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

NR Band 77, Channel Bandwidth 40MHz

Mode		TX channel 648000, 656000, 664000						
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	21.82	30.00	-8.18	2.67 H	164	80.57	-58.75
2	3840.00	21.74	30.00	-8.26	2.63 H	159	79.83	-58.09
3	3960.00	22.05	30.00	-7.95	2.73 H	160	79.78	-57.73
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	3720.00	26.52	30.00	-3.48	3.91 V	338	85.27	-58.75
2	3840.00	26.39	30.00	-3.61	3.93 V	341	84.48	-58.09
3	3960.00	26.21	30.00	-3.79	3.98 V	337	83.94	-57.73

Remarks:

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

NR Band 77, Channel Bandwidth 50MHz

Mode		TX channel 648334, 656000, 663666						
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	3725.01	22.04	30.00	-7.96	2.68 H	162	80.75	-58.71
2	3840.00	22.15	30.00	-7.85	2.65 H	159	80.24	-58.09
3	3954.99	21.86	30.00	-8.14	2.63 H	157	79.61	-57.75
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	3725.01	26.47	30.00	-3.53	3.95 V	341	85.18	-58.71
2	3840.00	26.05	30.00	-3.95	3.85 V	341	84.14	-58.09
3	3954.99	26.54	30.00	-3.46	3.92 V	336	84.29	-57.75

Remarks:

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

NR Band 77, Channel Bandwidth 60MHz

Mode		TX channel 648668, 656000, 663332						
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	3730.02	21.96	30.00	-8.04	2.70 H	162	80.63	-58.67
2	3840.00	21.92	30.00	-8.08	2.66 H	159	80.01	-58.09
3	3949.98	21.91	30.00	-8.09	2.72 H	163	79.67	-57.76
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	3730.02	26.53	30.00	-3.47	3.92 V	341	85.20	-58.67
2	3840.00	26.46	30.00	-3.54	3.88 V	337	84.55	-58.09
3	3949.98	26.45	30.00	-3.55	3.93 V	342	84.21	-57.76

Remarks:

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

NR Band 77, Channel Bandwidth 70MHz

Mode		TX channel 649000, 656000, 663000						
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	3735.00	21.82	30.00	-8.18	2.65 H	158	80.45	-58.63
2	3840.00	22.04	30.00	-7.96	2.73 H	159	80.13	-58.09
3	3945.00	22.07	30.00	-7.93	2.68 H	164	79.84	-57.77
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	3735.00	26.16	30.00	-3.84	3.87 V	340	84.79	-58.63
2	3840.00	26.39	30.00	-3.61	3.94 V	341	84.48	-58.09
3	3945.00	26.53	30.00	-3.47	3.91 V	336	84.30	-57.77

Remarks:

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

NR Band 77, Channel Bandwidth 80MHz

Mode		TX channel 649334, 656000, 662666						
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	3740.01	22.04	30.00	-7.96	2.73 H	159	80.63	-58.59
2	3840.00	22.15	30.00	-7.85	2.68 H	157	80.24	-58.09
3	3939.99	21.86	30.00	-8.14	2.73 H	164	79.64	-57.78
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	3740.01	26.47	30.00	-3.53	3.92 V	337	85.06	-58.59
2	3840.00	26.05	30.00	-3.95	3.93 V	339	84.14	-58.09
3	3939.99	26.51	30.00	-3.49	3.90 V	344	84.29	-57.78

Remarks:

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

NR Band 77, Channel Bandwidth 90MHz

Mode		TX channel 649668, 656000, 662332						
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	3745.02	21.81	30.00	-8.19	2.69 H	161	80.36	-58.55
2	3840.00	22.04	30.00	-7.96	2.73 H	157	80.13	-58.09
3	3934.98	22.07	30.00	-7.93	2.76 H	158	79.86	-57.79
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	3745.02	26.16	30.00	-3.84	3.94 V	339	84.71	-58.55
2	3840.00	26.39	30.00	-3.61	3.85 V	336	84.48	-58.09
3	3934.98	26.53	30.00	-3.47	3.90 V	338	84.32	-57.79

Remarks:

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

NR Band 77, Channel Bandwidth 100MHz

Mode		TX channel 650000, 656000, 662000						
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	3750.00	22.04	30.00	-7.96	2.71 H	155	80.55	-58.51
2	3840.00	22.19	30.00	-7.81	2.68 H	160	80.28	-58.09
3	3930.00	21.86	30.00	-8.14	2.69 H	160	79.66	-57.80
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	3750.00	26.47	30.00	-3.53	3.87 V	342	84.98	-58.51
2	3840.00	26.56	30.00	-3.44	3.99 V	338	84.65	-58.09
3	3930.00	26.54	30.00	-3.46	3.95 V	338	84.34	-57.80

Remarks:

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

Modulation Type: 16QAM

NR Band 77, Channel Bandwidth 10MHz

Mode		TX channel 647000, 656000, 665000						
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	20.77	30.00	-9.23	2.66 H	156	79.64	-58.87
2	3840.00	20.95	30.00	-9.05	2.73 H	156	79.04	-58.09
3	3975.00	20.58	30.00	-9.42	2.72 H	159	78.28	-57.70
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	24.89	30.00	-5.11	3.86 V	341	83.76	-58.87
2	3840.00	24.98	30.00	-5.02	3.86 V	343	83.07	-58.09
3	3975.00	24.75	30.00	-5.25	3.90 V	336	82.45	-57.70

Remarks:

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

NR Band 77, Channel Bandwidth 15MHz

Mode		TX channel 647168, 656000, 664832						
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	3707.52	20.63	30.00	-9.37	2.68 H	161	79.48	-58.85
2	3840.00	20.94	30.00	-9.06	2.69 H	162	79.03	-58.09
3	3972.48	20.98	30.00	-9.02	2.74 H	155	78.69	-57.71
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	3707.52	25.02	30.00	-4.98	3.90 V	338	83.87	-58.85
2	3840.00	24.97	30.00	-5.03	3.82 V	341	83.06	-58.09
3	3972.48	24.88	30.00	-5.12	3.82 V	336	82.59	-57.71

Remarks:

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

NR Band 77, Channel Bandwidth 20MHz

Mode		TX channel 647334, 656000, 664666						
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	3710.01	20.52	30.00	-9.48	2.65 H	161	79.35	-58.83
2	3840.00	20.89	30.00	-9.11	2.72 H	159	78.98	-58.09
3	3969.99	20.71	30.00	-9.29	2.70 H	161	78.43	-57.72
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	3710.01	24.89	30.00	-5.11	3.91 V	336	83.72	-58.83
2	3840.00	24.97	30.00	-5.03	3.92 V	342	83.06	-58.09
3	3969.99	25.04	30.00	-4.96	3.89 V	337	82.76	-57.72

Remarks:

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

NR Band 77, Channel Bandwidth 30MHz

Mode		TX channel 647668, 656000, 664332						
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	3715.02	20.66	30.00	-9.34	2.69 H	157	79.45	-58.79
2	3840.00	20.71	30.00	-9.29	2.71 H	162	78.80	-58.09
3	3964.98	21.05	30.00	-8.95	2.70 H	156	78.78	-57.73
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	3715.02	25.11	30.00	-4.89	3.86 V	336	83.90	-58.79
2	3840.00	24.81	30.00	-5.19	3.86 V	341	82.90	-58.09
3	3964.98	24.78	30.00	-5.22	3.84 V	341	82.51	-57.73

Remarks:

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

NR Band 77, Channel Bandwidth 40MHz

Mode		TX channel 648000, 656000, 664000						
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	21.01	30.00	-8.99	2.74 H	162	79.76	-58.75
2	3840.00	20.99	30.00	-9.01	2.64 H	160	79.08	-58.09
3	3960.00	21.07	30.00	-8.93	2.74 H	161	78.80	-57.73
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	3720.00	24.73	30.00	-5.27	3.89 V	341	83.48	-58.75
2	3840.00	25.10	30.00	-4.90	3.90 V	338	83.19	-58.09
3	3960.00	25.08	30.00	-4.92	3.82 V	339	82.81	-57.73

Remarks:

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

NR Band 77, Channel Bandwidth 50MHz

Mode		TX channel 648334, 656000, 663666						
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	3725.01	20.84	30.00	-9.16	2.67 H	156	79.55	-58.71
2	3840.00	20.99	30.00	-9.01	2.71 H	157	79.08	-58.09
3	3954.99	20.74	30.00	-9.26	2.69 H	156	78.49	-57.75
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	3725.01	24.77	30.00	-5.23	3.88 V	336	83.48	-58.71
2	3840.00	24.82	30.00	-5.18	3.84 V	342	82.91	-58.09
3	3954.99	25.10	30.00	-4.90	3.91 V	339	82.85	-57.75

Remarks:

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

NR Band 77, Channel Bandwidth 60MHz

Mode		TX channel 648668, 656000, 663332						
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	3730.02	20.53	30.00	-9.47	2.70 H	157	79.20	-58.67
2	3840.00	20.99	30.00	-9.01	2.71 H	155	79.08	-58.09
3	3949.98	20.75	30.00	-9.25	2.69 H	158	78.51	-57.76
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	3730.02	25.04	30.00	-4.96	3.85 V	342	83.71	-58.67
2	3840.00	24.78	30.00	-5.22	3.84 V	343	82.87	-58.09
3	3949.98	24.85	30.00	-5.15	3.87 V	337	82.61	-57.76

Remarks:

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

NR Band 77, Channel Bandwidth 70MHz

Mode		TX channel 649000, 656000, 663000						
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	3735.00	21.04	30.00	-8.96	2.70 H	160	79.67	-58.63
2	3840.00	20.82	30.00	-9.18	2.69 H	160	78.91	-58.09
3	3945.00	20.80	30.00	-9.20	2.68 H	155	78.57	-57.77
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	3735.00	25.09	30.00	-4.91	3.85 V	338	83.72	-58.63
2	3840.00	24.81	30.00	-5.19	3.88 V	338	82.90	-58.09
3	3945.00	25.06	30.00	-4.94	3.91 V	341	82.83	-57.77

Remarks:

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

NR Band 77, Channel Bandwidth 80MHz

Mode		TX channel 649334, 656000, 662666						
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	3740.01	20.83	30.00	-9.17	2.67 H	161	79.42	-58.59
2	3840.00	21.00	30.00	-9.00	2.67 H	157	79.09	-58.09
3	3939.99	20.75	30.00	-9.25	2.66 H	158	78.53	-57.78
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	3740.01	24.79	30.00	-5.21	3.85 V	341	83.38	-58.59
2	3840.00	24.77	30.00	-5.23	3.83 V	336	82.86	-58.09
3	3939.99	25.12	30.00	-4.88	3.91 V	342	82.90	-57.78

Remarks:

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

NR Band 77, Channel Bandwidth 90MHz

Mode		TX channel 649668, 656000, 662332						
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	3745.02	21.05	30.00	-8.95	2.71 H	161	79.60	-58.55
2	3840.00	20.86	30.00	-9.14	2.74 H	159	78.95	-58.09
3	3934.98	20.84	30.00	-9.16	2.72 H	162	78.63	-57.79
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	3745.02	25.10	30.00	-4.90	3.86 V	343	83.65	-58.55
2	3840.00	24.80	30.00	-5.20	3.88 V	339	82.89	-58.09
3	3934.98	25.08	30.00	-4.92	3.86 V	339	82.87	-57.79

Remarks:

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

NR Band 77, Channel Bandwidth 100MHz

Mode		TX channel 650000, 656000, 662000						
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	3750.00	20.87	30.00	-9.13	2.65 H	157	79.38	-58.51
2	3840.00	21.01	30.00	-8.99	2.74 H	158	79.10	-58.09
3	3930.00	20.74	30.00	-9.26	2.66 H	155	78.54	-57.80
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	3750.00	24.77	30.00	-5.23	3.83 V	341	83.28	-58.51
2	3840.00	24.82	30.00	-5.18	3.87 V	336	82.91	-58.09
3	3930.00	25.11	30.00	-4.89	3.82 V	337	82.91	-57.80

Remarks:

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

Modulation Type: 64QAM

NR Band 77, Channel Bandwidth 10MHz

Mode		TX channel 647000, 656000, 665000						
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	19.79	30.00	-10.21	2.65 H	157	78.66	-58.87
2	3840.00	19.93	30.00	-10.07	2.74 H	157	78.02	-58.09
3	3975.00	19.57	30.00	-10.43	2.65 H	160	77.27	-57.70
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	23.88	30.00	-6.12	3.92 V	341	82.75	-58.87
2	3840.00	23.98	30.00	-6.02	3.85 V	341	82.07	-58.09
3	3975.00	23.74	30.00	-6.26	3.87 V	339	81.44	-57.70

Remarks:

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

NR Band 77, Channel Bandwidth 15MHz

Mode		TX channel 647168, 656000, 664832						
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	3707.52	19.64	30.00	-10.36	2.71 H	158	78.49	-58.85
2	3840.00	19.96	30.00	-10.04	2.70 H	156	78.05	-58.09
3	3972.48	19.92	30.00	-10.08	2.69 H	155	77.63	-57.71
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	3707.52	24.02	30.00	-5.98	3.93 V	338	82.87	-58.85
2	3840.00	23.95	30.00	-6.05	3.82 V	337	82.04	-58.09
3	3972.48	23.88	30.00	-6.12	3.84 V	341	81.59	-57.71

Remarks:

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

NR Band 77, Channel Bandwidth 20MHz

Mode		TX channel 647334, 656000, 664666						
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	3710.01	19.53	30.00	-10.47	2.67 H	160	78.36	-58.83
2	3840.00	19.89	30.00	-10.11	2.64 H	156	77.98	-58.09
3	3969.99	19.73	30.00	-10.27	2.69 H	161	77.45	-57.72
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	3710.01	23.88	30.00	-6.12	3.85 V	336	82.71	-58.83
2	3840.00	23.98	30.00	-6.02	3.85 V	339	82.07	-58.09
3	3969.99	24.05	30.00	-5.95	3.90 V	338	81.77	-57.72

Remarks:

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

NR Band 77, Channel Bandwidth 30MHz

Mode		TX channel 647668, 656000, 664332						
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	3715.02	19.66	30.00	-10.34	2.65 H	158	78.45	-58.79
2	3840.00	19.73	30.00	-10.27	2.70 H	158	77.82	-58.09
3	3964.98	20.06	30.00	-9.94	2.67 H	159	77.79	-57.73
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	3715.02	24.09	30.00	-5.91	3.92 V	340	82.88	-58.79
2	3840.00	23.83	30.00	-6.17	3.89 V	341	81.92	-58.09
3	3964.98	23.76	30.00	-6.24	3.90 V	339	81.49	-57.73

Remarks:

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

NR Band 77, Channel Bandwidth 40MHz

Mode		TX channel 648000, 656000, 664000						
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	19.99	30.00	-10.01	2.65 H	156	78.74	-58.75
2	3840.00	19.97	30.00	-10.03	2.74 H	155	78.06	-58.09
3	3960.00	20.06	30.00	-9.94	2.74 H	158	77.79	-57.73
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	3720.00	23.73	30.00	-6.27	3.92 V	339	82.48	-58.75
2	3840.00	24.08	30.00	-5.92	3.85 V	336	82.17	-58.09
3	3960.00	24.12	30.00	-5.88	3.85 V	339	81.85	-57.73

Remarks:

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

NR Band 77, Channel Bandwidth 50MHz

Mode		TX channel 648334, 656000, 663666						
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	3725.01	19.82	30.00	-10.18	2.66 H	160	78.53	-58.71
2	3840.00	20.01	30.00	-9.99	2.68 H	156	78.10	-58.09
3	3954.99	19.75	30.00	-10.25	2.64 H	156	77.50	-57.75
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	3725.01	23.76	30.00	-6.24	3.92 V	337	82.47	-58.71
2	3840.00	23.79	30.00	-6.21	3.87 V	339	81.88	-58.09
3	3954.99	24.09	30.00	-5.91	3.92 V	339	81.84	-57.75

Remarks:

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

NR Band 77, Channel Bandwidth 60MHz

Mode		TX channel 648668, 656000, 663332						
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	3730.02	19.55	30.00	-10.45	2.67 H	155	78.22	-58.67
2	3840.00	19.99	30.00	-10.01	2.64 H	159	78.08	-58.09
3	3949.98	19.73	30.00	-10.27	2.72 H	155	77.49	-57.76
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	3730.02	24.04	30.00	-5.96	3.91 V	338	82.71	-58.67
2	3840.00	23.76	30.00	-6.24	3.84 V	342	81.85	-58.09
3	3949.98	23.83	30.00	-6.17	3.89 V	343	81.59	-57.76

Remarks:

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

NR Band 77, Channel Bandwidth 70MHz

Mode		TX channel 649000, 656000, 663000						
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	3735.00	20.04	30.00	-9.96	2.69 H	155	78.67	-58.63
2	3840.00	19.83	30.00	-10.17	2.66 H	155	77.92	-58.09
3	3945.00	19.81	30.00	-10.19	2.65 H	161	77.58	-57.77
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	3735.00	24.08	30.00	-5.92	3.86 V	342	82.71	-58.63
2	3840.00	23.80	30.00	-6.20	3.86 V	343	81.89	-58.09
3	3945.00	24.07	30.00	-5.93	3.89 V	336	81.84	-57.77

Remarks:

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

NR Band 77, Channel Bandwidth 80MHz

Mode		TX channel 649334, 656000, 662666						
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	3740.01	19.81	30.00	-10.19	2.65 H	157	78.40	-58.59
2	3840.00	20.01	30.00	-9.99	2.68 H	156	78.10	-58.09
3	3939.99	19.74	30.00	-10.26	2.69 H	156	77.52	-57.78
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	3740.01	23.78	30.00	-6.22	3.88 V	342	82.37	-58.59
2	3840.00	23.75	30.00	-6.25	3.92 V	338	81.84	-58.09
3	3939.99	24.10	30.00	-5.90	3.84 V	340	81.88	-57.78

Remarks:

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

NR Band 77, Channel Bandwidth 90MHz

Mode		TX channel 649668, 656000, 662332						
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	3745.02	20.06	30.00	-9.94	2.74 H	156	78.61	-58.55
2	3840.00	19.86	30.00	-10.14	2.65 H	159	77.95	-58.09
3	3934.98	19.83	30.00	-10.17	2.64 H	159	77.62	-57.79
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	3745.02	24.08	30.00	-5.92	3.91 V	342	82.63	-58.55
2	3840.00	23.80	30.00	-6.20	3.85 V	339	81.89	-58.09
3	3934.98	24.10	30.00	-5.90	3.82 V	336	81.89	-57.79

Remarks:

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

NR Band 77, Channel Bandwidth 100MHz

Mode		TX channel 650000, 656000, 662000						
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	3750.00	19.88	30.00	-10.12	2.73 H	161	78.39	-58.51
2	3840.00	20.02	30.00	-9.98	2.68 H	162	78.11	-58.09
3	3930.00	19.73	30.00	-10.27	2.72 H	158	77.53	-57.80
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	3750.00	23.76	30.00	-6.24	3.90 V	339	82.27	-58.51
2	3840.00	23.82	30.00	-6.18	3.83 V	343	81.91	-58.09
3	3930.00	24.08	30.00	-5.92	3.86 V	338	81.88	-57.80

Remarks:

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

Modulation Type: 256QAM

NR Band 77, Channel Bandwidth 10MHz

Mode		TX channel 647000, 656000, 665000						
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	18.79	30.00	-11.21	2.68 H	155	77.66	-58.87
2	3840.00	18.93	30.00	-11.07	2.70 H	156	77.02	-58.09
3	3975.00	18.59	30.00	-11.41	2.65 H	156	76.29	-57.70
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	22.90	30.00	-7.10	3.87 V	343	81.77	-58.87
2	3840.00	22.97	30.00	-7.03	3.89 V	338	81.06	-58.09
3	3975.00	22.74	30.00	-7.26	3.83 V	337	80.44	-57.70

Remarks:

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

NR Band 77, Channel Bandwidth 15MHz

Mode		TX channel 647168, 656000, 664832						
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	3707.52	18.65	30.00	-11.35	2.71 H	159	77.50	-58.85
2	3840.00	18.94	30.00	-11.06	2.70 H	160	77.03	-58.09
3	3972.48	18.98	30.00	-11.02	2.70 H	160	76.69	-57.71
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	3707.52	23.00	30.00	-7.00	3.89 V	343	81.85	-58.85
2	3840.00	22.93	30.00	-7.07	3.88 V	337	81.02	-58.09
3	3972.48	22.90	30.00	-7.10	3.86 V	343	80.61	-57.71

Remarks:

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

NR Band 77, Channel Bandwidth 20MHz

Mode		TX channel 647334, 656000, 664666						
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	3710.01	18.54	30.00	-11.46	2.71 H	155	77.37	-58.83
2	3840.00	18.91	30.00	-11.09	2.73 H	162	77.00	-58.09
3	3969.99	18.75	30.00	-11.25	2.64 H	156	76.47	-57.72
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	3710.01	22.90	30.00	-7.10	3.92 V	339	81.73	-58.83
2	3840.00	22.96	30.00	-7.04	3.84 V	340	81.05	-58.09
3	3969.99	23.03	30.00	-6.97	3.87 V	341	80.75	-57.72

Remarks:

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

NR Band 77, Channel Bandwidth 30MHz

Mode		TX channel 647668, 656000, 664332						
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	3715.02	18.66	30.00	-11.34	2.65 H	161	77.45	-58.79
2	3840.00	18.72	30.00	-11.28	2.64 H	159	76.81	-58.09
3	3964.98	19.05	30.00	-10.95	2.71 H	161	76.78	-57.73
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	3715.02	23.08	30.00	-6.92	3.85 V	343	81.87	-58.79
2	3840.00	22.83	30.00	-7.17	3.87 V	338	80.92	-58.09
3	3964.98	22.77	30.00	-7.23	3.84 V	341	80.50	-57.73

Remarks:

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

NR Band 77, Channel Bandwidth 40MHz

Mode		TX channel 648000, 656000, 664000						
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	19.01	30.00	-10.99	2.66 H	159	77.76	-58.75
2	3840.00	18.96	30.00	-11.04	2.73 H	156	77.05	-58.09
3	3960.00	19.04	30.00	-10.96	2.64 H	155	76.77	-57.73
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	3720.00	22.71	30.00	-7.29	3.88 V	338	81.46	-58.75
2	3840.00	23.10	30.00	-6.90	3.82 V	341	81.19	-58.09
3	3960.00	23.07	30.00	-6.93	3.89 V	336	80.80	-57.73

Remarks:

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

NR Band 77, Channel Bandwidth 50MHz

Mode		TX channel 648334, 656000, 663666						
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	3725.01	18.83	30.00	-11.17	2.74 H	157	77.54	-58.71
2	3840.00	19.03	30.00	-10.97	2.69 H	162	77.12	-58.09
3	3954.99	18.73	30.00	-11.27	2.64 H	161	76.48	-57.75
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	3725.01	22.78	30.00	-7.22	3.90 V	339	81.49	-58.71
2	3840.00	22.77	30.00	-7.23	3.91 V	341	80.86	-58.09
3	3954.99	23.08	30.00	-6.92	3.86 V	343	80.83	-57.75

Remarks:

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

NR Band 77, Channel Bandwidth 60MHz

Mode		TX channel 648668, 656000, 663332						
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	3730.02	18.55	30.00	-11.45	2.65 H	162	77.22	-58.67
2	3840.00	19.00	30.00	-11.00	2.64 H	157	77.09	-58.09
3	3949.98	18.73	30.00	-11.27	2.64 H	161	76.49	-57.76
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	3730.02	23.05	30.00	-6.95	3.85 V	342	81.72	-58.67
2	3840.00	22.78	30.00	-7.22	3.84 V	342	80.87	-58.09
3	3949.98	22.82	30.00	-7.18	3.91 V	338	80.58	-57.76

Remarks:

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

NR Band 77, Channel Bandwidth 70MHz

Mode		TX channel 649000, 656000, 663000						
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	3735.00	19.03	30.00	-10.97	2.74 H	156	77.66	-58.63
2	3840.00	18.82	30.00	-11.18	2.71 H	158	76.91	-58.09
3	3945.00	18.80	30.00	-11.20	2.68 H	162	76.57	-57.77
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	3735.00	23.06	30.00	-6.94	3.85 V	341	81.69	-58.63
2	3840.00	22.81	30.00	-7.19	3.92 V	342	80.90	-58.09
3	3945.00	23.07	30.00	-6.93	3.92 V	336	80.84	-57.77

Remarks:

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

NR Band 77, Channel Bandwidth 80MHz

Mode		TX channel 649334, 656000, 662666						
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	3740.01	18.79	30.00	-11.21	2.68 H	157	77.38	-58.59
2	3840.00	19.03	30.00	-10.97	2.66 H	159	77.12	-58.09
3	3939.99	18.75	30.00	-11.25	2.69 H	157	76.53	-57.78
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	3740.01	22.76	30.00	-7.24	3.88 V	342	81.35	-58.59
2	3840.00	22.73	30.00	-7.27	3.88 V	339	80.82	-58.09
3	3939.99	23.11	30.00	-6.89	3.83 V	339	80.89	-57.78

Remarks:

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

NR Band 77, Channel Bandwidth 90MHz

Mode		TX channel 649668, 656000, 662332						
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	3745.02	19.04	30.00	-10.96	2.71 H	160	77.59	-58.55
2	3840.00	18.85	30.00	-11.15	2.67 H	155	76.94	-58.09
3	3934.98	18.83	30.00	-11.17	2.70 H	158	76.62	-57.79
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	3745.02	23.07	30.00	-6.93	3.85 V	340	81.62	-58.55
2	3840.00	22.82	30.00	-7.18	3.84 V	341	80.91	-58.09
3	3934.98	23.11	30.00	-6.89	3.90 V	343	80.90	-57.79

Remarks:

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

NR Band 77, Channel Bandwidth 100MHz

Mode		TX channel 650000, 656000, 662000						
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	3750.00	18.90	30.00	-11.10	2.67 H	161	77.41	-58.51
2	3840.00	19.02	30.00	-10.98	2.64 H	157	77.11	-58.09
3	3930.00	18.74	30.00	-11.26	2.65 H	159	76.54	-57.80
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	3750.00	22.76	30.00	-7.24	3.89 V	336	81.27	-58.51
2	3840.00	22.77	30.00	-7.23	3.91 V	337	80.86	-58.09
3	3930.00	23.11	30.00	-6.89	3.92 V	336	80.91	-57.80

Remarks:

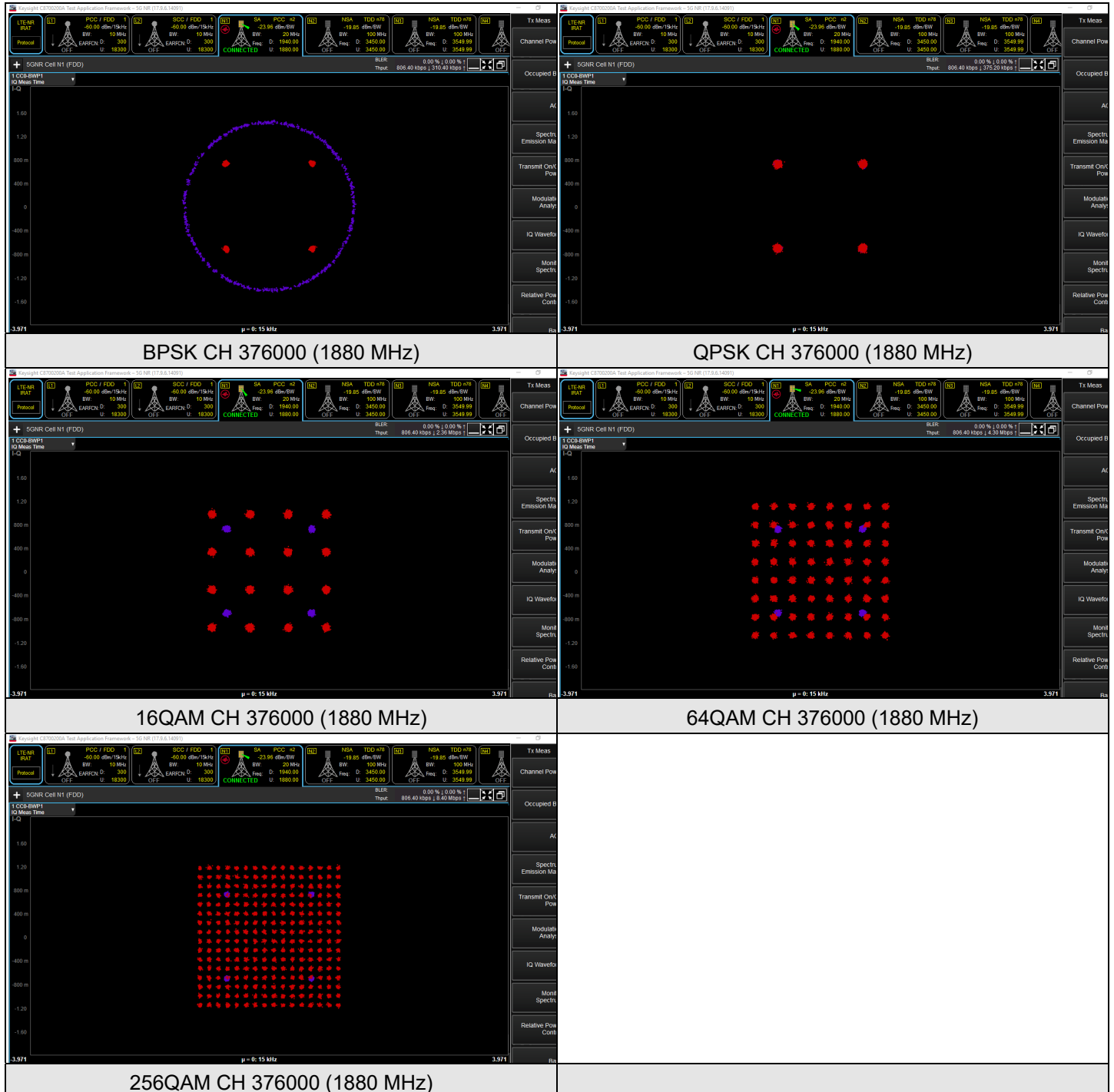
1. $EIRP(dBm/10MHz) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$.
2. $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$
3. Margin value = EIRP – Limit value.
4. The other EIRP levels were very low against the limit.

7.2 Modulation Characteristics

Input Power:	120 Vac, 60 Hz	Environmental Conditions:	21°C, 70% RH	Tested By:	James Yang
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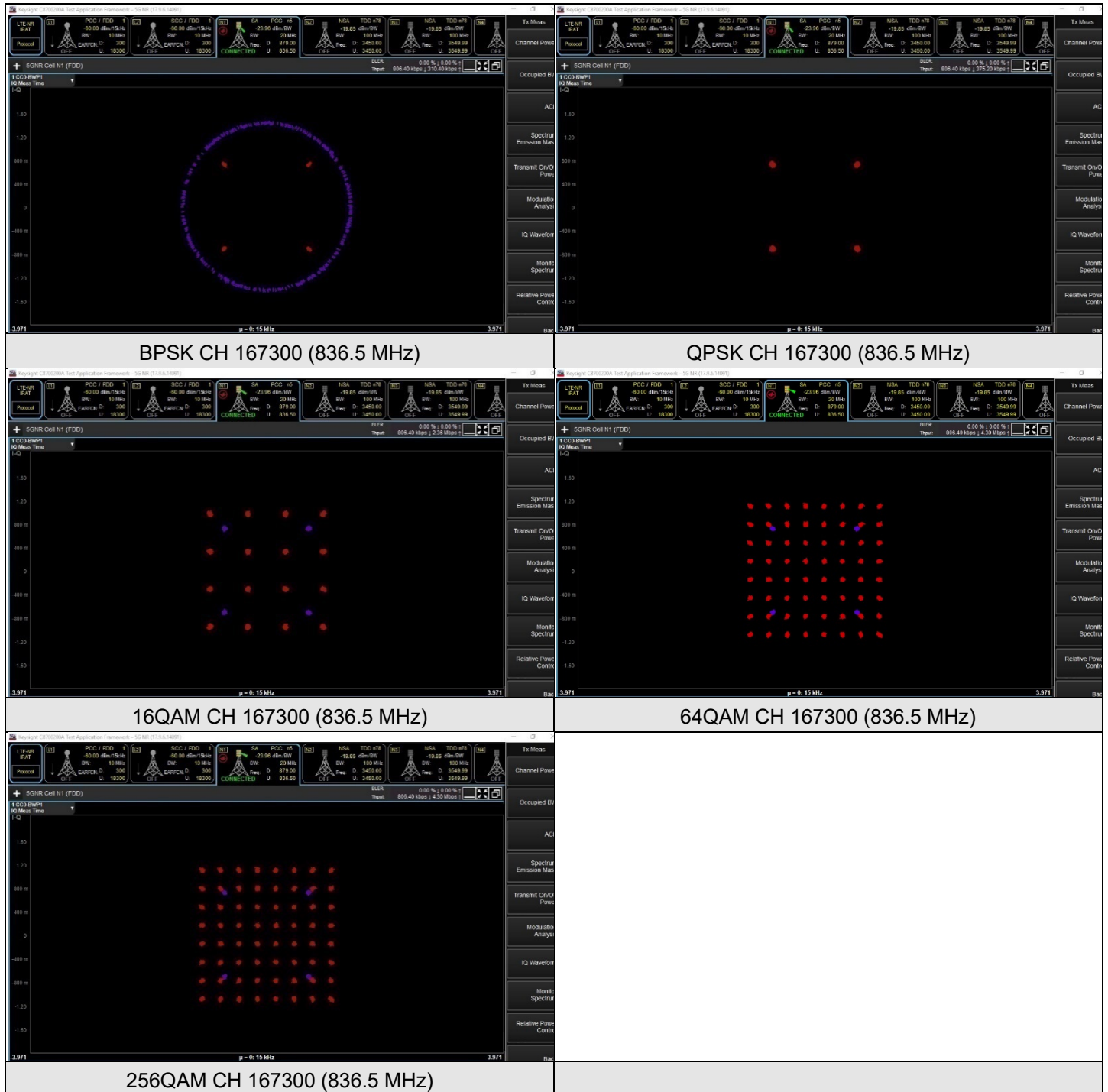
7.2.1 NR n2 SCS 15 kHz

NR n2 SCS 15 kHz, Channel Bandwidth: 20 MHz



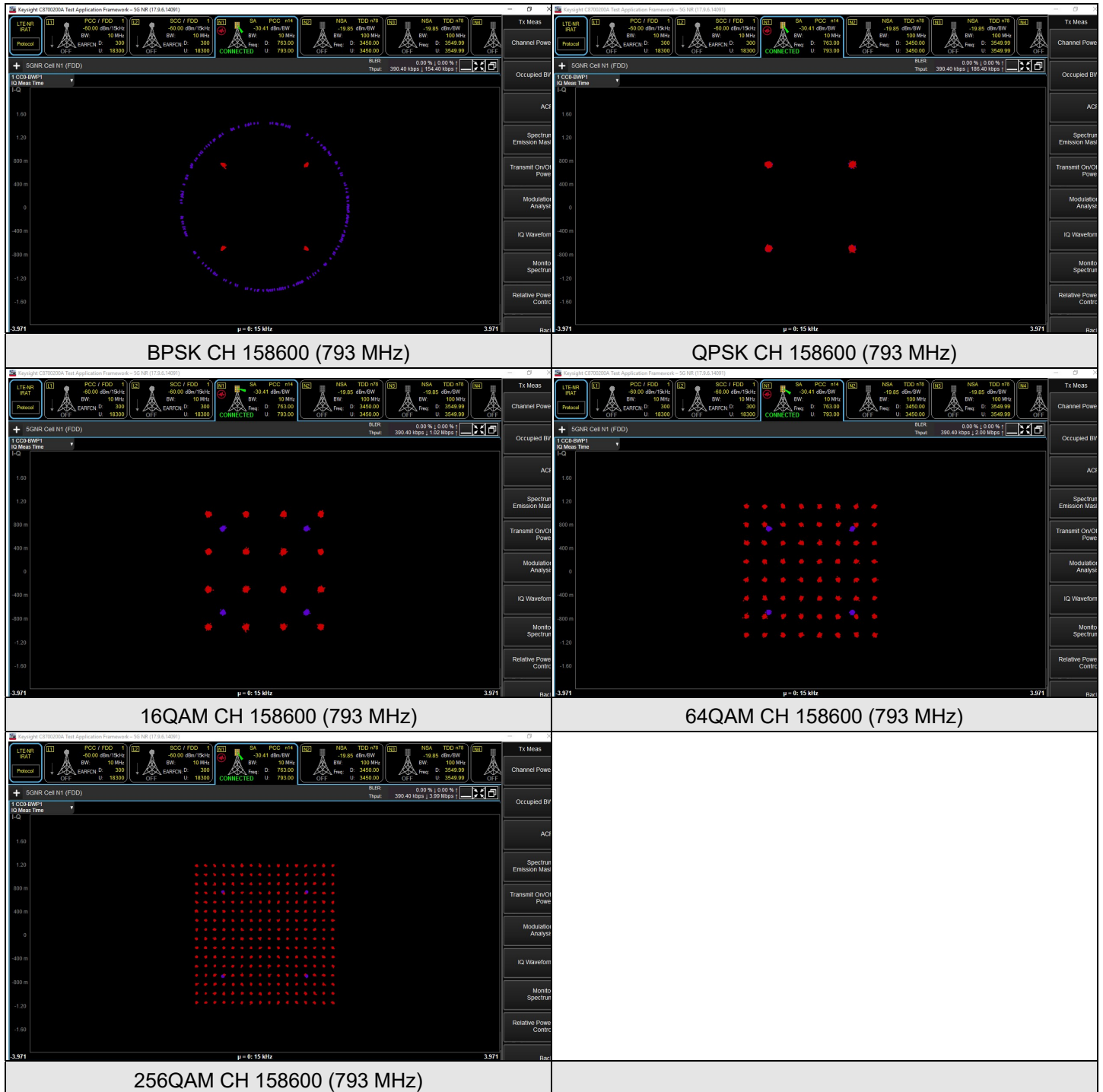
7.2.2 NR n5 SCS 15 kHz

NR n5 SCS 15 kHz, Channel Bandwidth: 20 MHz



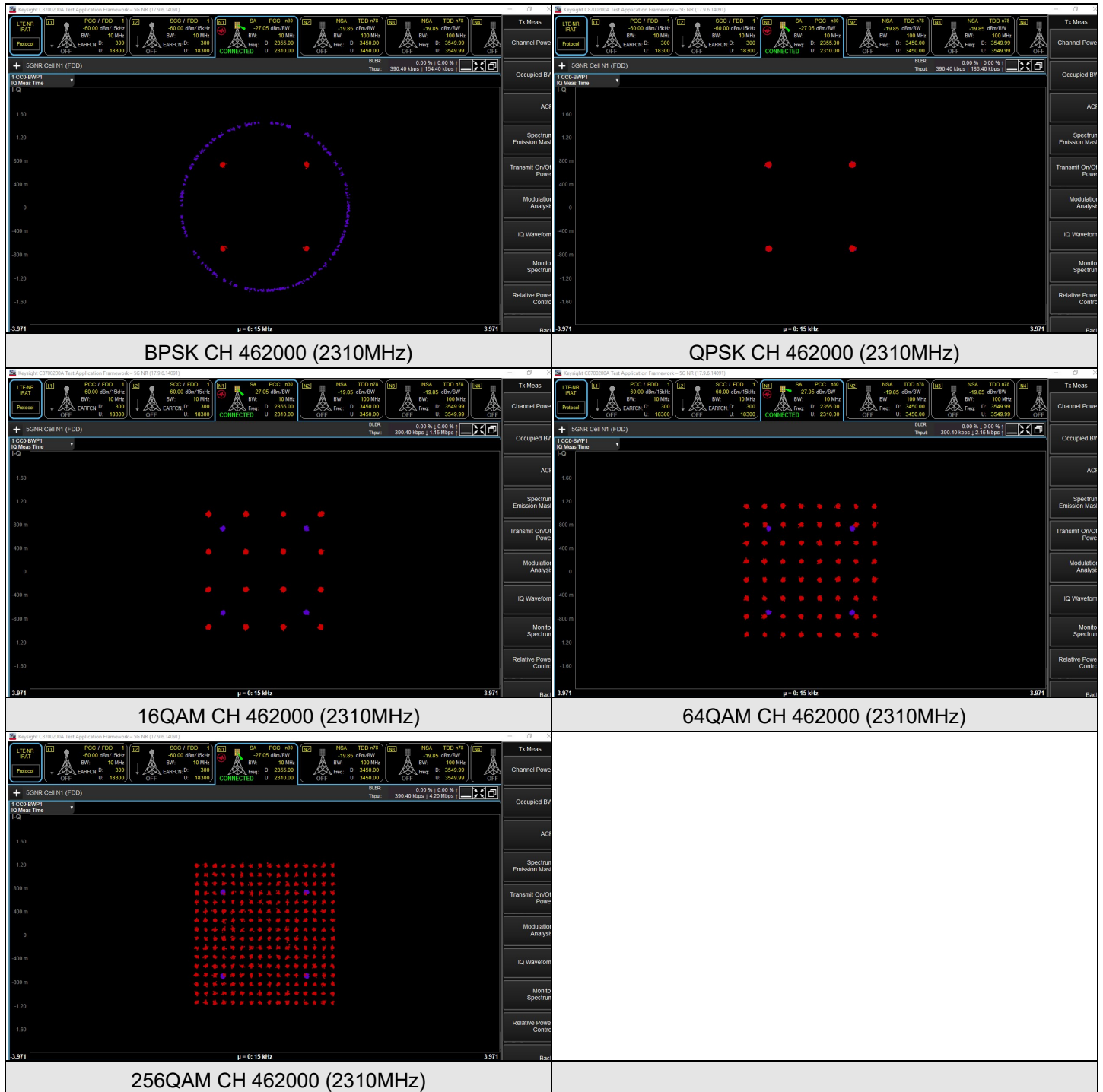
7.2.3 NR n14 SCS 15 kHz

NR n14 SCS 15 kHz, Channel Bandwidth: 10 MHz



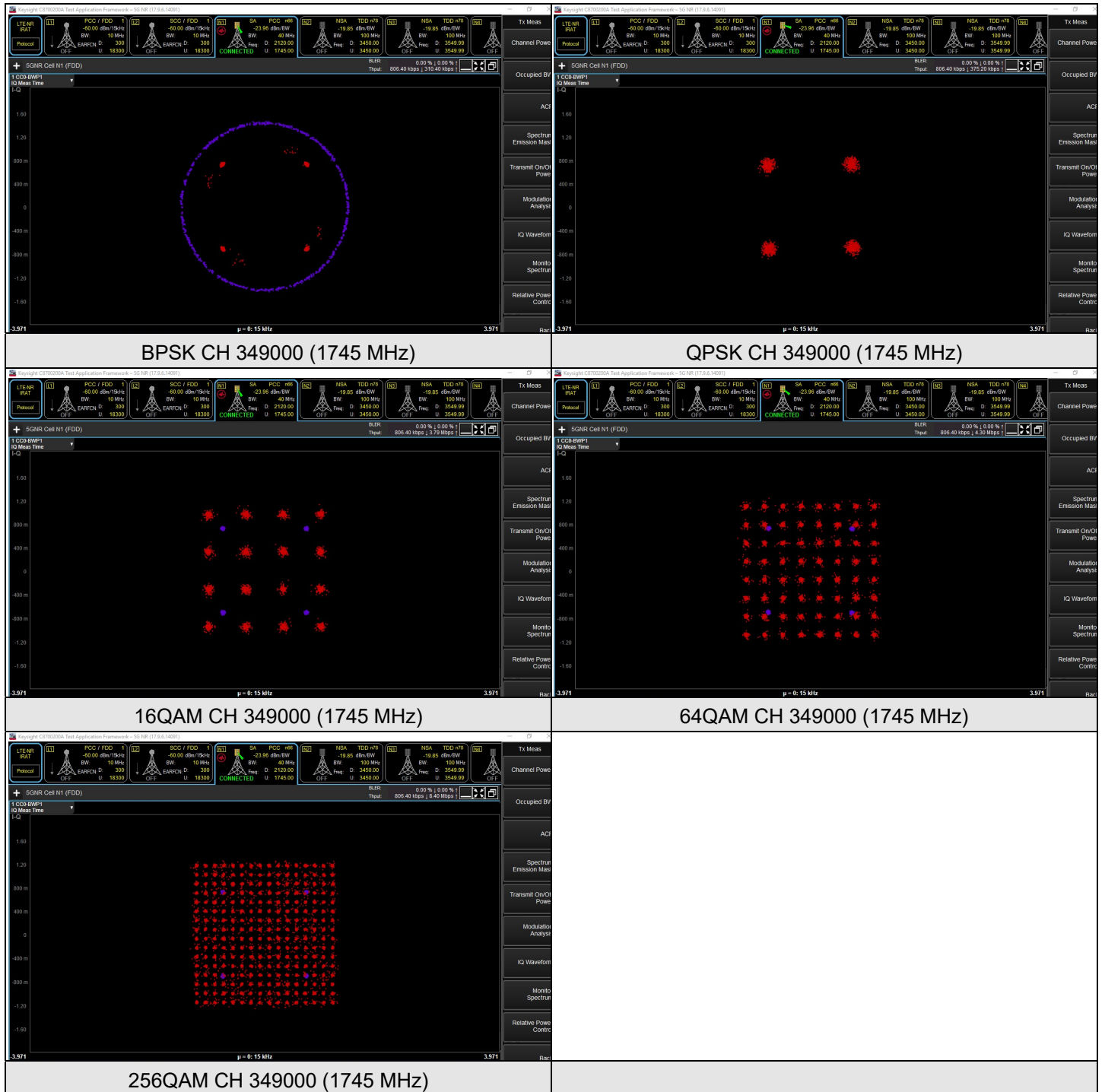
7.2.4 NR n30 SCS 15 kHz

NR n30 SCS 15 kHz, Channel Bandwidth: 10 MHz



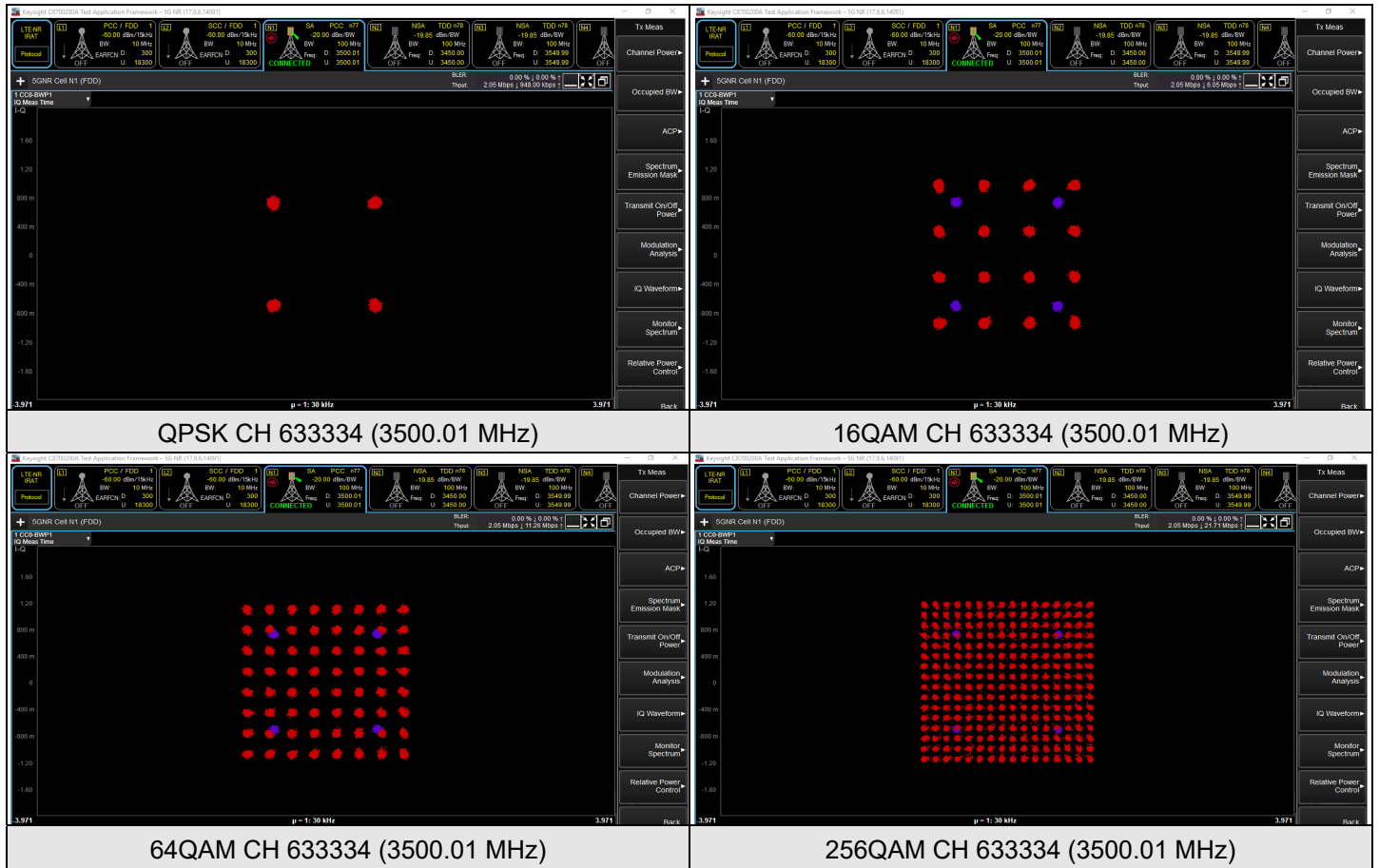
7.2.5 NR n66 SCS 15 kHz

NR n66 SCS 15 kHz, Channel Bandwidth: 40 MHz



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

NR n77 (3450-3550 MHz) SCS 30 kHz, Channel Bandwidth: 100 MHz_Ant. 1



NR n77 (3450-3550 MHz) SCS 30 kHz, Channel Bandwidth: 100 MHz_Ant. 6

