



Radio Test Report

Report No.: STS2602018W02

Issued for

BYD Auto Industry Company Limited

No.3001,3007, Hengping Road, Pingshan, Shenzhen,
Guangdong, P.R. China

Product Name: In-vehicle Multimedia Host

Brand Name: BYD

Model Name: MTED03

Series Model: N/A

FCC ID: SD4-MTED03

Test Standard: 47 CFR Part 2, 24(E), 27

The test results presented in this report relate only to the object tested. This report shall not be reproduced, except in full, without the written approval of the Shenzhen STS Test Services Co., Ltd.

**TEST RESULT CERTIFICATION**

Applicant's Name.....: BYD Auto Industry Company Limited
Address: No.3001,3007, Hengping Road, Pingshan, Shenzhen,
Guangdong, P.R. China
Manufacturer's Name.....: BYD Auto Industry Company Limited
Address: No.3001,3007, Hengping Road, Pingshan, Shenzhen,
Guangdong, P.R. China

Product description

Product Name: In-vehicle Multimedia Host
Brand Name: BYD
Model Name: MTED03
Series Model: N/A
Test Standards.....: 47 CFR Part 2, 24(E), 27
Test Procedure: KDB 971168 D01 v03r01, ANSI C63.26 2015

This device described above has been tested by STS, the test results show that the equipment under test (EUT) is in compliance with the FCC requirements. And it is applicable only to the tested sample identified in the report.
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Date of Test.....:

Date of receipt of test item.....: 04 Feb.2026
Date (s) of performance of tests.: 04 Feb.2026~24 Mar. 2026
Date of Issue: 24 Mar. 2026
Test Result: Pass

Testing Engineer :

(Lenon Hou)

Technical Manager :

(Skylar Li)

Authorized Signatory :

(Bovey Yang)





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**Revision History**

Rev.	Issue Date	Report No.	Effect Page	Contents
00	24 Mar. 2026	STS2602018W02	ALL	Initial Issue



1.SUMMARY OF TEST RESULTS

1.1 INTRODUCTION

TEST FACTORY

SHENZHEN STS TEST SERVICES CO., LTD

Add. : 101, Building B, Zhuoke Science Park, No.190 Chongqing Road, ZhanChengShequ, Fuhai Sub-District, Bao'an District, Shenzhen, Guang Dong, China

FCC test Firm Registration Number: 625569

IC test Firm Registration Number: 12108A

A2LA Certificate No.: 4338.01

MEASUREMENT UNCERTAINTY

The reported uncertainty of measurement $y \pm U$, where expended uncertainty U is based on a standard uncertainty multiplied by a coverage factor of $k=2$, providing a level of confidence of approximately 95 %.

No.	Item	Uncertainty
1	RF output power, conducted	$\pm 0.751\text{dB}$
2	Unwanted Emissions, conducted	$\pm 2.888\text{dB}$
3	All emissions, radiated 30M-1GHz	$\pm 2.52\text{dB}$
4	All emissions, radiated 1G-18GHz	$\pm 3.48\text{dB}$
5	All emissions, radiated >18GHz	$\pm 4.18\text{dB}$
6	Conducted Emission (9KHz-150KHz)	$\pm 2.48\text{dB}$
7	Conducted Emission (150KHz-30MHz)	$\pm 2.52\text{dB}$



2. GENERAL INFORMATION

2.1 TECHNICAL SPECIFICATIONS AND REGULATIONS

2.1.1 PRODUCT DESCRIPTION

A major technical description of EUT is described as following:

Product Name	In-vehicle Multimedia Host
Trade Name	BYD
Model Name	MTED03
Series Model	N/A
Model Difference	N/A
Frequency Bands	n2: 1850~1910 MHz(TX), 1930 ~1990 MHz (RX) n5: 824~849 MHz(TX), 869~894 MHz(RX) n7: 2500-2570 MHz(TX), 2620-2690 MHz(RX) n38: 2570-2620 MHz(TX), 2570-2620 MHz(RX) n41: 2555~2655 MHz(TX), 2555~2655 MHz(RX) n66: 1710~1780 MHz(TX), 2110~2200 MHz(RX) n71: 663-698 MHz(TX), 617-652 MHz(RX) n77: 3450-3550 MHz(TX), 3450-3550 MHz(RX) n77: 3700-3980 MHz(TX), 3700-3980 MHz(RX) n78: 3450-3550 MHz(TX), 3450-3550 MHz(RX) n78: 3700-3800 MHz(TX), 3700-3800 MHz(RX)
SIM Card	Only support single SIM Card.
Antenna	External
Antenna gain	n2:1.34 dBi n5:0.72 dBi n7:2.74 dBi n38:2.73 dBi n41:2.74 dBi n66:1.82 dBi n71:0.09 dBi n77:2.81 dBi n78:2.55 dBi
Rating	Input: 12VDC 5A
Battery	N/A
Adapter	N/A
Extreme Vol. Limits	DC 10.8V ~ DC 13.2V (Normal: DC 12V)
Extreme Temp. Tolerance	-40℃~70℃
Hardware version number	N/A
Software version number	61.1.1

Note: The antenna information refer the manufacturer provide report, applicable only to the tested sa-mple identified in the report.



Test channel list							
n2 15kHz	1.9GHz	Frequency(MHz)	Channel	n5 15kHz	800MHz	Frequency(MHz)	Channel
L	5M	1852.5	370500	L	5M	826.5	165300
	10M	1855	371000		10M	829	165800
	15M	1857.5	371500		15M	831.5	166300
	20M	1860	372000		20M	834	166800
M	5/10/15/20M	1880	376000	M	5/10/15/20M	836.5	167300
H	5M	1907.5	381500	H	5M	846.5	169300
	10M	1905	381000		10M	844	168800
	15M	1902.5	380500		15M	841.5	168300
	20M	1900	380000		20M	839	167800
n7 15kHz	2.5GHz	Frequency(MHz)	Channel	n38 30kHz	2.5GHz	Frequency(MHz)	Channel
L	5M	2502.5	500500	L	10M	2575	515000
	10M	2505	501000		15M	2577.5	515500
	15M	2507.5	501500		20M	2580	516000
	20M	2510	502000		40M	2590	518000
M	5/10/15/20M	2535	507000	M	10/15/20/40M	2595	519000
H	5M	2567.5	513500	H	10M	2615	523000
	10M	2565	513000		15M	2612.5	522500
	15M	2562.5	512500		20M	2610	522000
	20M	2560	512000		40M	2600	520000
n41 30kHz	2.5GHz	Frequency(MHz)	Channel	n66 15kHz	1.7GHz	Frequency(MHz)	Channel
L	10M	2501.01	500202	L	5M	1712.5	342500
	15M	2503.5	500700		10M	1715	343000
	20M	2506.02	501204		15M	1717.5	343500
	40M	2516.01	503202		20M	1720	344000
	50M	2521.02	504204		40M	1730	346000
	60M	2526	505200	M	5/10/15/20/40M	1745	349000
	80M	2536.02	507204	H	5M	1777.5	355500
	90M	2541	508200		10M	1775	355000
	100M	2546.01	509202		15M	1772.5	354500
M	10/15/20/40/50/60/80/90/100M	2592.99	518598		20M	1770	354000
H	10M	2685	537000		40M	1760	352000
	15M	2682.48	536496	n71 15kHz	600MHz	Frequency(MHz)	Channel
	20M	2679.99	535998	L	5M	665.5	133100
	40M	2670	534000		10M	668	133600
	50M	2664.99	532998		15M	670.5	134100
	60M	2659.98	531996		20M	673	134600
	80M	2649.99	529998	M	5/10/15/20M	680.5	136100
	90M	2644.98	528996	H	5M	695.5	139100
	100M	2640	528000		10M	693	138600
					15M	690.5	138100
					20M	688	137600
n77(3450-3550) 30k	3.5GHz	Frequency(MHz)	Channel	n77(3700-3980) 30k	3.5GHz	Frequency(MHz)	Channel
L	10M	3455.01	630334	L	10M	3705	647000
	15M	3457.5	630500		15M	3707.52	647168
	20M	3460.02	630668		20M	3710.01	647334
	30M	3465	631000		30M	3715.02	647668
	40M	3470.01	631334		40M	3720	648000



	50M	3475.02	631668		50M	3725.01	648334
	60M	3480	632000		60M	3730.02	648668
	80M	3490.02	632668		80M	3740.01	649334
	90M	3495	633000		90M	3745.02	649668
	100M	3500.01	633334		100M	3750	650000
M	10/15/20/30/40/50 /60/80/90/100M	3500.01	633334	M	10/15/20/30/40/50 /60/80/90/100M	3840	656000
H	10M	3544.98	636332	H	10M	3975	665000
	15M	3542.49	636166		15M	3972.48	664832
	20M	3540	636000		20M	3969.99	664666
	30M	3534.99	635666		30M	3964.98	664332
	40M	3529.98	635332		40M	3960	664000
	50M	3525	635000		50M	3954.99	663666
	60M	3519.99	634666		60M	3949.98	663332
	80M	3510	634000		80M	3939.99	662666
	90M	3504.99	633666		90M	3934.98	662332
	100M	3499.98	633332		100M	3930	662000
n78(3450-3550) 30k	3.5GHz	Frequency(MHz)	Channel	n78(3700-3800) 30k	3.5GHz	Frequency(MHz)	Channel
L	10M	3455.01	630334	L	10M	3705	647000
	15M	3457.5	630500		15M	3707.52	647168
	20M	3460.02	630668		20M	3710.01	647334
	30M	3465	631000		30M	3715.02	647668
	40M	3470.01	631334		40M	3720	648000
	50M	3475.02	631668		50M	3725.01	648334
	60M	3480	632000		60M	3730.02	648668
	80M	3490.02	632668		80M	3740.01	649334
	90M	3495	633000		90M	3745.02	649668
	100M	3500.01	633334		100M	3750	650000
M	10/15/20/30/40/50 /60/80/90/100M	3500.01	633334	M	10/15/20/30/40/50 /60/80/90/100M	3750	650000
H	10M	3544.98	636332	H	10M	3795	653000
	15M	3542.49	636166		15M	3792.48	652832
	20M	3540	636000		20M	3789.99	652666
	30M	3534.99	635666		30M	3784.98	652332
	40M	3529.98	635332		40M	3780	652000
	50M	3525	635000		50M	3774.99	651666
	60M	3519.99	634666		60M	3769.98	651332
	80M	3510	634000		80M	3759.99	650666
	90M	3504.99	633666		90M	3754.98	650332
	100M	3499.98	633332		100M	3750	650000



2.1.2 RELATED SUBMITTAL(S) / GRANT (S)

This submittal(s) (test report) is intended for filing to comply with the 47 CFR Part 2, 24(E), 27.

2.1.3 SPECIAL ACCESSORIES

The battery and the charger, earphone supplied by the applicant were used as accessories and being tested with eut intended for fcc grant together.

2.1.4 EUT CONFIGURATION

The EUT configuration for testing is installed on RF field strength measurement to meet the Commission's requirement and operating in a manner which intends to maximize its emission characteristics in a continuous normal application.

2.1.5 EUT EXERCISE

The Transmitter was operated in the maximum output power mode through Communication Tester. The TX frequency was fixed which was for the purpose of the measurements.



2.1.6 MEASUREMENT INSTRUMENTS

RF Radiation Test Equipment					
Kind of Equipment	Manufacturer	Type No.	Serial No.	Last Calibration	Calibrated Until
Temperature & Humidity	TP502V4-P	Toprie	N/A	2025.10.09	2026.10.08
Wireless Communications Test Set	R&S	CMW 500	117239	45926	2026.09.25
Signal Generator	Agilent	83752A	3610A02740	2026.02.04	2027.02.03
Pre-Amplifier(0.1M-3GHz)	EM	EM330	060665	2026.02.05	2027.02.04
Pre-Amplifier (1G-18GHz)	SKET	LNPA-01018G-45	SK2018080901	2025.09.25	2026.09.24
Pre-Amplifier(18G-40GHz)	SKET	LNPA 1840-50	SK2018101801	2026.03.04	2027.03.03
Positioning Controller	MF	MF-7802	MF-780208587	N/A	N/A
Signal Analyzer	R&S	FSV 40-N	101823	2025.09.26	2026.09.25
Switch Control Box	N/A	N/A	N/A	N/A	N/A
Filter Box	BALUN Technology	SU319E	BL-SZ1530051	N/A	N/A
Video Controller	SKET	FCS C-3	N/A	N/A	N/A
Bilog Antenna	TESEQ	CBL6111D	45873	2025.09.21	2026.09.20
Horn Antenna	SCHWARZBECK	BBHA 9120D	9120D-1314	2025.09.27	2027.09.26
Bilog Antenna	TESEQ	CBL6111D	34678	2025.09.27	2027.09.26
Horn Antenna	SCHWARZBECK	BBHA 9120D	02014	2025.09.27	2027.09.26
Horn Antenna	A-INFOMW	LB-180400-KF	J211020657	2025.09.27	2027.09.26
Antenna Mast	MF	MFA-440H	N/A	N/A	N/A
Turn Table	MF	N/A	N/A	N/A	N/A
AC Power Source	APC	KDF-11010G	F214050035	N/A	N/A
DC Power Supply	Zhaoxin	RXN 605D	20R605D11010081	N/A	N/A
Test SW	EMC Test Software	25.5 en			
	EZ-EMC	Ver.STSLAB-03A1 RE			
RF Connected Test Equipment					
Kind of Equipment	Manufacturer	Type No.	Serial No.	Last Calibration	Calibrated Until
Temperature & Humidity	TP502V4-P	Toprie	N/A	2025.10.09	2026.10.08
Wireless Communications Test Set	R&S	CMW 500	131428	2026.02.04	2027.02.03
Signal Analyzer	Agilent	N9020A	MY52440124	2026.02.04	2027.02.03
RF Automatic Test System	Maiwei	MW200-SFCB	N/A	N/A	N/A
Temperature & Humidity Test Chamber	Safety test	AG80L	171200018	2026.02.04	2027.02.03
Programmable Power Supply	Agilent	E3642A	MY40002025	2025.09.26	2026.09.25
POWER DIVIDER	eastsheep	PD-0.5/0.6-2S	N/A	2026.02.24	2027.02.23
Test SW	MTS 8200	2.0.0.0			



2.1.8 MEASUREMENT RESULTS EXPLANATION EXAMPLE

For all conducted test items:

The offset level is set in the spectrum analyzer to compensate the RF cable loss and attenuator factor between EUT conducted output port and spectrum analyzer. With the offset compensation, the spectrum analyzer reading level is exactly the EUT RF output level.

The spectrum analyzer offset is derived from RF cable loss and attenuator factor.

Offset = RF Cable Loss + Attenuator Factor.

3. CONDUCTED OUTPUT POWER&RADIATED POWER AND EFFECTIVE ISOTROPIC RADIATED POWER

3.1 DESCRIPTION OF THE CONDUCTED OUTPUT POWER MEASUREMENT

3.1.1 MEASUREMENT METHOD

CONDUCTED OUTPUT POWER:

A system simulator was used to establish communication with the eut. Its parameters were set to force the eut transmitting at maximum output power. The measured power in the radio frequency on the transmitter output terminals shall be reported.

Configuration follows KDB 971168 D01 v03r01.

C63.26 2015 Section 5.2.5.5.

In many cases, RF output power limits are specified in terms of the ERP or the EIRP. Typically, ERP is specified when the operating frequency is less than or equal to 1 GHz and EIRP is specified when the operating frequency is greater than 1 GHz. Both are defined as the product of the power supplied to the antenna and its gain (relative to a dipole antenna in the case of ERP, and relative to an isotropic antenna in the case of EIRP); however, when working in decibels (i.e., logarithmic scale), the ERP and EIRP represent the sum of the transmit antenna gain (in dBd or dBi, respectively) and the conducted RF output power (expressed in dB relative to watts or milliwatts). The relevant equation for determining the maximum ERP or EIRP from the measured RF output power is given in Equation (1) as follows:

$$(1) \text{ ERP or EIRP} = P_{\text{Meas}} + G_T$$

$$\text{ERP} = \text{EIRP} - 2.15$$

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)

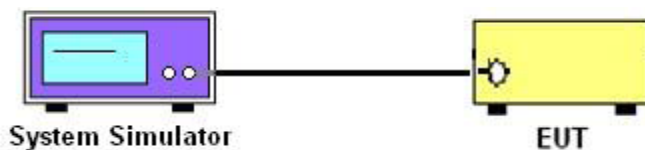
For devices utilizing multiple antennas, see 6.4 for guidance with respect to determining the effective array transmit antenna gain term to be used in the above equation.

The following equations demonstrate the mathematical relationship between ERP and EIRP:

a) $\text{ERP} = \text{EIRP} - 2.15$, where ERP and EIRP are expressed in consistent units.

b) $\text{EIRP} = \text{ERP} + 2.15$, where ERP and EIRP are expressed in consistent units.

3.1.2 TEST SETUP



3.1.3 TEST PROCEDURES

1. The transmitter output port was connected to system simulator.
2. Set EUT at maximum power through the system simulator.
3. Select lowest/middle/highest channels for each band and different modulation.
4. Measure and record the power level from the system simulator.



3.1.4 TEST RESULTS

EIRP for NR n2 / SCS 15KHz										
BW (MHz)	UL Channel	RB Size	RB offset	Modulation	Conduction AVG Power(dBm)	Ant Gain (dBi)	EIRP(dBm)	EIRP Limit(W)	EIRP Limit(dBm)	Verdict
5	Lowest	1	1	DFT_BPSK	21.63	1.34	22.97	2.00	33.01	PASS
		25	0	DFT_QPSK	20.77	1.34	22.11	2.00	33.01	PASS
		12	6		21.62	1.34	22.96	2.00	33.01	PASS
		1	1		21.71	1.34	23.05	2.00	33.01	PASS
		1	23		21.59	1.34	22.93	2.00	33.01	PASS
		1	1	DFT_QAM16	20.81	1.34	22.15	2.00	33.01	PASS
		1	1	DFT_QAM64	19.14	1.34	20.48	2.00	33.01	PASS
		1	1	DFT_QAM256	17.08	1.34	18.42	2.00	33.01	PASS
	Middle	1	1	CP_QPSK	20.27	1.34	21.61	2.00	33.01	PASS
		1	1	DFT_BPSK	21.78	1.34	23.12	2.00	33.01	PASS
		25	0	DFT_QPSK	20.6	1.34	21.94	2.00	33.01	PASS
		12	6		21.71	1.34	23.05	2.00	33.01	PASS
		1	1		21.57	1.34	22.91	2.00	33.01	PASS
		1	23		21.51	1.34	22.85	2.00	33.01	PASS
		1	1	DFT_QAM16	20.77	1.34	22.11	2.00	33.01	PASS
		1	1	DFT_QAM64	19.07	1.34	20.41	2.00	33.01	PASS
	Highest	1	1	DFT_QAM256	17.37	1.34	18.71	2.00	33.01	PASS
		1	1	CP_QPSK	20.16	1.34	21.50	2.00	33.01	PASS
		1	1	DFT_BPSK	21.59	1.34	22.93	2.00	33.01	PASS
		25	0	DFT_QPSK	20.66	1.34	22.00	2.00	33.01	PASS
		12	6		21.7	1.34	23.04	2.00	33.01	PASS
		1	1		21.53	1.34	22.87	2.00	33.01	PASS
		1	23		21.58	1.34	22.92	2.00	33.01	PASS
		1	1	DFT_QAM16	20.75	1.34	22.09	2.00	33.01	PASS
15	Lowest	1	1	DFT_QAM64	19.06	1.34	20.40	2.00	33.01	PASS
		1	1	DFT_QAM256	17.24	1.34	18.58	2.00	33.01	PASS
		1	1	CP_QPSK	20.1	1.34	21.44	2.00	33.01	PASS
		1	1	DFT_BPSK	21.68	1.34	23.02	2.00	33.01	PASS
		75	0	DFT_QPSK	20.64	1.34	21.98	2.00	33.01	PASS
		36	18		21.72	1.34	23.06	2.00	33.01	PASS
		1	1		20.45	1.34	21.79	2.00	33.01	PASS
		1	77		20.43	1.34	21.77	2.00	33.01	PASS
	Middle	1	1	DFT_QAM16	20.69	1.34	22.03	2.00	33.01	PASS
		1	1	DFT_QAM64	19.16	1.34	20.50	2.00	33.01	PASS
		1	1	DFT_QAM256	17.22	1.34	18.56	2.00	33.01	PASS
		1	1	CP_QPSK	20.17	1.34	21.51	2.00	33.01	PASS
		1	1	DFT_BPSK	21.7	1.34	23.04	2.00	33.01	PASS
		75	0	DFT_QPSK	20.63	1.34	21.97	2.00	33.01	PASS
		36	18		21.67	1.34	23.01	2.00	33.01	PASS
		1	1		21.62	1.34	22.96	2.00	33.01	PASS
		1	77		21.38	1.34	22.72	2.00	33.01	PASS
	Highest	1	1	DFT_QAM16	20.76	1.34	22.10	2.00	33.01	PASS
		1	1	DFT_QAM64	19.12	1.34	20.46	2.00	33.01	PASS
		1	1	DFT_QAM256	17.16	1.34	18.50	2.00	33.01	PASS
		1	1	CP_QPSK	20.34	1.34	21.68	2.00	33.01	PASS
		1	1	DFT_BPSK	21.47	1.34	22.81	2.00	33.01	PASS
		75	0	DFT_QPSK	20.6	1.34	21.94	2.00	33.01	PASS
		36	18		21.6	1.34	22.94	2.00	33.01	PASS
		1	1		21.38	1.34	22.72	2.00	33.01	PASS
		1	77		21.63	1.34	22.97	2.00	33.01	PASS
20	Lowest	1	1	DFT_QAM16	20.51	1.34	21.85	2.00	33.01	PASS
		1	1	DFT_QAM64	18.96	1.34	20.30	2.00	33.01	PASS
		1	1	DFT_QAM256	16.86	1.34	18.20	2.00	33.01	PASS
		1	1	CP_QPSK	20	1.34	21.34	2.00	33.01	PASS
	Lowest	1	1	DFT_BPSK	21.59	1.34	22.93	2.00	33.01	PASS
		100	0	DFT_QPSK	20.81	1.34	22.15	2.00	33.01	PASS
		50	25		21.87	1.34	23.21	2.00	33.01	PASS
		1	1		21.54	1.34	22.88	2.00	33.01	PASS



		1	104		21.72	1.34	23.06	2.00	33.01	PASS
		1	1	DFT_QAM16	20.65	1.34	21.99	2.00	33.01	PASS
		1	1	DFT_QAM64	19.04	1.34	20.38	2.00	33.01	PASS
		1	1	DFT_QAM256	17.06	1.34	18.40	2.00	33.01	PASS
		1	1	CP_QPSK	20.18	1.34	21.52	2.00	33.01	PASS
	Middle	1	1	DFT_BPSK	20.21	1.34	21.55	2.00	33.01	PASS
		100	0	DFT_QPSK	20.61	1.34	21.95	2.00	33.01	PASS
		50	25		20.13	1.34	21.47	2.00	33.01	PASS
		1	1		21.62	1.34	22.96	2.00	33.01	PASS
		1	104		21.43	1.34	22.77	2.00	33.01	PASS
		1	1	DFT_QAM16	20.73	1.34	22.07	2.00	33.01	PASS
		1	1	DFT_QAM64	18.22	1.34	19.56	2.00	33.01	PASS
		1	1	DFT_QAM256	17.56	1.34	18.90	2.00	33.01	PASS
		1	1	CP_QPSK	20.34	1.34	21.68	2.00	33.01	PASS
	Highest	1	1	DFT_BPSK	21.41	1.34	22.75	2.00	33.01	PASS
		100	0	DFT_QPSK	20.52	1.34	21.86	2.00	33.01	PASS
		50	25		21.62	1.34	22.96	2.00	33.01	PASS
		1	1		21.4	1.34	22.74	2.00	33.01	PASS
		1	104		21.57	1.34	22.91	2.00	33.01	PASS
		1	1	DFT_QAM16	20.44	1.34	21.78	2.00	33.01	PASS
		1	1	DFT_QAM64	19.06	1.34	20.40	2.00	33.01	PASS
		1	1	DFT_QAM256	16.98	1.34	18.32	2.00	33.01	PASS
		1	1	CP_QPSK	19.96	1.34	21.30	2.00	33.01	PASS



ERP for NR n5 / SCS 15KHz										
BW (MHz)	UL Channel	RB Size	RB offset	Modulation	Conduction AVG Power(dBm)	Ant Gain (dBi)	ERP(dBm)	ERP Limit(W)	ERP Limit(dBm)	Verdict
5	Lowest	1	1	DFT_BPSK	22.95	0.72	21.52	7.00	38.45	PASS
		25	0	DFT_QPSK	21.98	0.72	20.55	7.00	38.45	PASS
		12	6		22.91	0.72	21.48	7.00	38.45	PASS
		1	1		22.96	0.72	21.53	7.00	38.45	PASS
		1	23		23.04	0.72	21.61	7.00	38.45	PASS
		1	1	DFT_QAM16	21.93	0.72	20.50	7.00	38.45	PASS
		1	1	DFT_QAM64	20.4	0.72	18.97	7.00	38.45	PASS
		1	1	DFT_QAM256	18	0.72	16.57	7.00	38.45	PASS
		1	1	CP_QPSK	21.5	0.72	20.07	7.00	38.45	PASS
	Middle	1	1	DFT_BPSK	22.88	0.72	21.45	7.00	38.45	PASS
		25	0	DFT_QPSK	21.86	0.72	20.43	7.00	38.45	PASS
		12	6		22.85	0.72	21.42	7.00	38.45	PASS
		1	1		22.79	0.72	21.36	7.00	38.45	PASS
		1	23		22.75	0.72	21.32	7.00	38.45	PASS
		1	1	DFT_QAM16	21.91	0.72	20.48	7.00	38.45	PASS
		1	1	DFT_QAM64	20.25	0.72	18.82	7.00	38.45	PASS
		1	1	DFT_QAM256	18.27	0.72	16.84	7.00	38.45	PASS
		1	1	CP_QPSK	21.38	0.72	19.95	7.00	38.45	PASS
	Highest	1	1	DFT_BPSK	23.34	0.72	21.91	7.00	38.45	PASS
		25	0	DFT_QPSK	21.92	0.72	20.49	7.00	38.45	PASS
		12	6		22.93	0.72	21.50	7.00	38.45	PASS
		1	1		22.81	0.72	21.38	7.00	38.45	PASS
		1	23		22.87	0.72	21.44	7.00	38.45	PASS
		1	1	DFT_QAM16	21.91	0.72	20.48	7.00	38.45	PASS
		1	1	DFT_QAM64	20.32	0.72	18.89	7.00	38.45	PASS
		1	1	DFT_QAM256	18.23	0.72	16.80	7.00	38.45	PASS
		1	1	CP_QPSK	21.34	0.72	19.91	7.00	38.45	PASS
15	Lowest	1	1	DFT_BPSK	22.95	0.72	21.52	7.00	38.45	PASS
		75	0	DFT_QPSK	21.92	0.72	20.49	7.00	38.45	PASS
		36	18		22.86	0.72	21.43	7.00	38.45	PASS
		1	1		22.91	0.72	21.48	7.00	38.45	PASS
		1	77		22.74	0.72	21.31	7.00	38.45	PASS
		1	1	DFT_QAM16	22.04	0.72	20.61	7.00	38.45	PASS
		1	1	DFT_QAM64	20.39	0.72	18.96	7.00	38.45	PASS
		1	1	DFT_QAM256	18.39	0.72	16.96	7.00	38.45	PASS
		1	1	CP_QPSK	21.43	0.72	20.00	7.00	38.45	PASS
	Middle	1	1	DFT_BPSK	22.89	0.72	21.46	7.00	38.45	PASS
		75	0	DFT_QPSK	21.82	0.72	20.39	7.00	38.45	PASS
		36	18		22.87	0.72	21.44	7.00	38.45	PASS
		1	1		22.85	0.72	21.42	7.00	38.45	PASS
		1	77		22.67	0.72	21.24	7.00	38.45	PASS
		1	1	DFT_QAM16	21.95	0.72	20.52	7.00	38.45	PASS
		1	1	DFT_QAM64	20.31	0.72	18.88	7.00	38.45	PASS
		1	1	DFT_QAM256	18.25	0.72	16.82	7.00	38.45	PASS
		1	1	CP_QPSK	21.34	0.72	19.91	7.00	38.45	PASS
	Highest	1	1	DFT_BPSK	22.78	0.72	21.35	7.00	38.45	PASS
		75	0	DFT_QPSK	21.82	0.72	20.39	7.00	38.45	PASS
		36	18		22.76	0.72	21.33	7.00	38.45	PASS
		1	1		22.78	0.72	21.35	7.00	38.45	PASS
		1	77		22.85	0.72	21.42	7.00	38.45	PASS
		1	1	DFT_QAM16	22.15	0.72	20.72	7.00	38.45	PASS
		1	1	DFT_QAM64	20.25	0.72	18.82	7.00	38.45	PASS
		1	1	DFT_QAM256	18.41	0.72	16.98	7.00	38.45	PASS
		1	1	CP_QPSK	21.33	0.72	19.90	7.00	38.45	PASS
20	Lowest	1	1	DFT_BPSK	22.94	0.72	21.51	7.00	38.45	PASS
		100	0	DFT_QPSK	21.87	0.72	20.44	7.00	38.45	PASS
		50	25		22.97	0.72	21.54	7.00	38.45	PASS
		1	1		22.92	0.72	21.49	7.00	38.45	PASS
		1	104		22.78	0.72	21.35	7.00	38.45	PASS
		1	1	DFT_QAM16	22	0.72	20.57	7.00	38.45	PASS
		1	1	DFT_QAM64	20.52	0.72	19.09	7.00	38.45	PASS
		1	1	DFT_QAM256	18.41	0.72	16.98	7.00	38.45	PASS



	Middle	1	1	CP_QPSK	21.48	0.72	20.05	7.00	38.45	PASS
		1	1	DFT_BPSK	22.96	0.72	21.53	7.00	38.45	PASS
		100	0	DFT_QPSK	21.81	0.72	20.38	7.00	38.45	PASS
		50	25		22.86	0.72	21.43	7.00	38.45	PASS
		1	1		22.93	0.72	21.50	7.00	38.45	PASS
		1	104		22.84	0.72	21.41	7.00	38.45	PASS
		1	1	DFT_QAM16	21.97	0.72	20.54	7.00	38.45	PASS
		1	1	DFT_QAM64	20.38	0.72	18.95	7.00	38.45	PASS
		1	1	DFT_QAM256	18.36	0.72	16.93	7.00	38.45	PASS
		1	1	CP_QPSK	21.38	0.72	19.95	7.00	38.45	PASS
	Highest	1	1	DFT_BPSK	22.93	0.72	21.50	7.00	38.45	PASS
		100	0	DFT_QPSK	21.74	0.72	20.31	7.00	38.45	PASS
		50	25		22.8	0.72	21.37	7.00	38.45	PASS
		1	1		22.89	0.72	21.46	7.00	38.45	PASS
		1	104		22.79	0.72	21.36	7.00	38.45	PASS
		1	1	DFT_QAM16	21.97	0.72	20.54	7.00	38.45	PASS
		1	1	DFT_QAM64	19.93	0.72	18.50	7.00	38.45	PASS
		1	1	DFT_QAM256	18.6	0.72	17.17	7.00	38.45	PASS
		1	1	CP_QPSK	21.45	0.72	20.02	7.00	38.45	PASS



EIRP for NR n7 / SCS 15KHz										
BW (MHz)	UL Channel	RB Size	RB offset	Modulation	Conduction AVG Power(dBm)	Ant Gain (dBi)	EIRP(dBm)	EIRP Limit(W)	EIRP Limit(dBm)	Verdict
5	Lowest	1	1	DFT_BPSK	20.86	2.74	23.60	2.00	33.01	PASS
		25	0	DFT_QPSK	19.77	2.74	22.51	2.00	33.01	PASS
		12	6		20.96	2.74	23.70	2.00	33.01	PASS
		1	1		20.96	2.74	23.70	2.00	33.01	PASS
		1	23		20.69	2.74	23.43	2.00	33.01	PASS
		1	1	DFT_QAM16	20.13	2.74	22.87	2.00	33.01	PASS
		1	1	DFT_QAM64	18.39	2.74	21.13	2.00	33.01	PASS
		1	1	DFT_QAM256	16.39	2.74	19.13	2.00	33.01	PASS
	Middle	1	1	CP_QPSK	19.52	2.74	22.26	2.00	33.01	PASS
		1	1	DFT_BPSK	20.87	2.74	23.61	2.00	33.01	PASS
		25	0	DFT_QPSK	19.88	2.74	22.62	2.00	33.01	PASS
		12	6		21.11	2.74	23.85	2.00	33.01	PASS
		1	1		20.82	2.74	23.56	2.00	33.01	PASS
		1	23		20.81	2.74	23.55	2.00	33.01	PASS
		1	1	DFT_QAM16	19.92	2.74	22.66	2.00	33.01	PASS
		1	1	DFT_QAM64	18.46	2.74	21.20	2.00	33.01	PASS
	Highest	1	1	DFT_QAM256	16.53	2.74	19.27	2.00	33.01	PASS
		1	1	CP_QPSK	19.61	2.74	22.35	2.00	33.01	PASS
		1	1	DFT_BPSK	20.92	2.74	23.66	2.00	33.01	PASS
		25	0	DFT_QPSK	19.96	2.74	22.70	2.00	33.01	PASS
		12	6		20.76	2.74	23.50	2.00	33.01	PASS
		1	1		20.94	2.74	23.68	2.00	33.01	PASS
		1	23		21	2.74	23.74	2.00	33.01	PASS
		1	1	DFT_QAM16	20.03	2.74	22.77	2.00	33.01	PASS
15	Lowest	1	1	DFT_QAM64	18.39	2.74	21.13	2.00	33.01	PASS
		1	1	DFT_QAM256	16.28	2.74	19.02	2.00	33.01	PASS
		1	1	CP_QPSK	19.32	2.74	22.06	2.00	33.01	PASS
		1	1	DFT_BPSK	21.02	2.74	23.76	2.00	33.01	PASS
		75	0	DFT_QPSK	20.02	2.74	22.76	2.00	33.01	PASS
		36	18		21.02	2.74	23.76	2.00	33.01	PASS
		1	1		20.78	2.74	23.52	2.00	33.01	PASS
		1	77		20.92	2.74	23.66	2.00	33.01	PASS
	Middle	1	1	DFT_QAM16	20.08	2.74	22.82	2.00	33.01	PASS
		1	1	DFT_QAM64	18.42	2.74	21.16	2.00	33.01	PASS
		1	1	DFT_QAM256	16.18	2.74	18.92	2.00	33.01	PASS
		1	1	CP_QPSK	19.51	2.74	22.25	2.00	33.01	PASS
		1	1	DFT_BPSK	21.12	2.74	23.86	2.00	33.01	PASS
		75	0	DFT_QPSK	20.13	2.74	22.87	2.00	33.01	PASS
		36	18		20.88	2.74	23.62	2.00	33.01	PASS
		1	1		20.86	2.74	23.60	2.00	33.01	PASS
		1	77		20.93	2.74	23.67	2.00	33.01	PASS
	Highest	1	1	DFT_QAM16	20.24	2.74	22.98	2.00	33.01	PASS
		1	1	DFT_QAM64	18.32	2.74	21.06	2.00	33.01	PASS
		1	1	DFT_QAM256	16.32	2.74	19.06	2.00	33.01	PASS
		1	1	CP_QPSK	19.63	2.74	22.37	2.00	33.01	PASS
		1	1	DFT_BPSK	20.76	2.74	23.50	2.00	33.01	PASS
		75	0	DFT_QPSK	19.88	2.74	22.62	2.00	33.01	PASS
		36	18		20.99	2.74	23.73	2.00	33.01	PASS
		1	1		20.73	2.74	23.47	2.00	33.01	PASS
		1	77		20.92	2.74	23.66	2.00	33.01	PASS
20	Lowest	1	1	DFT_QAM16	19.99	2.74	22.73	2.00	33.01	PASS
		1	1	DFT_QAM64	18.18	2.74	20.92	2.00	33.01	PASS
		1	1	DFT_QAM256	17.69	2.74	20.43	2.00	33.01	PASS
		1	1	CP_QPSK	19.26	2.74	22.00	2.00	33.01	PASS
		1	1	DFT_BPSK	21.02	2.74	23.76	2.00	33.01	PASS
		100	0	DFT_QPSK	19.96	2.74	22.70	2.00	33.01	PASS
		50	25		21.09	2.74	23.83	2.00	33.01	PASS
		1	1		20.82	2.74	23.56	2.00	33.01	PASS
		1	104		21.1	2.74	23.84	2.00	33.01	PASS



	Middle	1	1	CP_QPSK	19.6	2.74	22.34	2.00	33.01	PASS
		1	1	DFT_BPSK	21.19	2.74	23.93	2.00	33.01	PASS
		100	0	DFT_QPSK	19.92	2.74	22.66	2.00	33.01	PASS
		50	25		20.92	2.74	23.66	2.00	33.01	PASS
		1	1		21.1	2.74	23.84	2.00	33.01	PASS
		1	104		20.99	2.74	23.73	2.00	33.01	PASS
		1	1	DFT_QAM16	20.23	2.74	22.97	2.00	33.01	PASS
		1	1	DFT_QAM64	18.53	2.74	21.27	2.00	33.01	PASS
		1	1	DFT_QAM256	16.37	2.74	19.11	2.00	33.01	PASS
	Highest	1	1	CP_QPSK	19.49	2.74	22.23	2.00	33.01	PASS
		1	1	DFT_BPSK	20.85	2.74	23.59	2.00	33.01	PASS
		100	0	DFT_QPSK	19.85	2.74	22.59	2.00	33.01	PASS
		50	25		20.99	2.74	23.73	2.00	33.01	PASS
		1	1		20.9	2.74	23.64	2.00	33.01	PASS
		1	104		20.85	2.74	23.59	2.00	33.01	PASS
		1	1	DFT_QAM16	20.07	2.74	22.81	2.00	33.01	PASS
		1	1	DFT_QAM64	18.37	2.74	21.11	2.00	33.01	PASS
		1	1	DFT_QAM256	16.34	2.74	19.08	2.00	33.01	PASS
		1	1	CP_QPSK	19.45	2.74	22.19	2.00	33.01	PASS



EIRP for NR n38 / SCS 30KHz										
BW (MHz)	UL Channel	RB Size	RB offset	Modulation	Conduction AVG Power(dBm)	Ant Gain (dBi)	EIRP(dBm)	EIRP Limit(W)	EIRP Limit(dBm)	Verdict
10	Lowest	1	1	DFT_BPSK	20.79	2.73	23.52	1.00	30.00	PASS
		24	0	DFT_QPSK	19.81	2.73	22.54	1.00	30.00	PASS
		12	6		20.95	2.73	23.68	1.00	30.00	PASS
		1	1		20.8	2.73	23.53	1.00	30.00	PASS
		1	22		20.88	2.73	23.61	1.00	30.00	PASS
		1	1	DFT_QAM16	20.11	2.73	22.84	1.00	30.00	PASS
		1	1	DFT_QAM64	18.68	2.73	21.41	1.00	30.00	PASS
		1	1	DFT_QAM256	16.55	2.73	19.28	1.00	30.00	PASS
	Middle	1	1	CP_QPSK	19.24	2.73	21.97	1.00	30.00	PASS
		1	1	DFT_BPSK	20.82	2.73	23.55	1.00	30.00	PASS
		24	0	DFT_QPSK	19.86	2.73	22.59	1.00	30.00	PASS
		12	6		20.94	2.73	23.67	1.00	30.00	PASS
		1	1		20.87	2.73	23.60	1.00	30.00	PASS
		1	22		20.91	2.73	23.64	1.00	30.00	PASS
		1	1	DFT_QAM16	19.8	2.73	22.53	1.00	30.00	PASS
		1	1	DFT_QAM64	18.66	2.73	21.39	1.00	30.00	PASS
	Highest	1	1	DFT_QAM256	16.59	2.73	19.32	1.00	30.00	PASS
		1	1	CP_QPSK	19.38	2.73	22.11	1.00	30.00	PASS
		1	1	DFT_BPSK	20.63	2.73	23.36	1.00	30.00	PASS
		24	0	DFT_QPSK	20.12	2.73	22.85	1.00	30.00	PASS
		12	6		20.62	2.73	23.35	1.00	30.00	PASS
		1	1		20.6	2.73	23.33	1.00	30.00	PASS
		1	22		20.51	2.73	23.24	1.00	30.00	PASS
		1	1	DFT_QAM16	19.82	2.73	22.55	1.00	30.00	PASS
15	Lowest	1	1	DFT_QAM64	18.11	2.73	20.84	1.00	30.00	PASS
		1	1	DFT_QAM256	16.33	2.73	19.06	1.00	30.00	PASS
		1	1	CP_QPSK	19.21	2.73	21.94	1.00	30.00	PASS
		1	1	DFT_BPSK	20.88	2.73	23.61	1.00	30.00	PASS
		36	0	DFT_QPSK	19.84	2.73	22.57	1.00	30.00	PASS
		18	9		20.86	2.73	23.59	1.00	30.00	PASS
		1	1		20.72	2.73	23.45	1.00	30.00	PASS
		1	36		20.92	2.73	23.65	1.00	30.00	PASS
	Middle	1	1	DFT_QAM16	20.06	2.73	22.79	1.00	30.00	PASS
		1	1	DFT_QAM64	18.09	2.73	20.82	1.00	30.00	PASS
		1	1	DFT_QAM256	16.55	2.73	19.28	1.00	30.00	PASS
		1	1	CP_QPSK	19.22	2.73	21.95	1.00	30.00	PASS
		1	1	DFT_BPSK	20.78	2.73	23.51	1.00	30.00	PASS
		36	0	DFT_QPSK	19.81	2.73	22.54	1.00	30.00	PASS
		18	9		20.88	2.73	23.61	1.00	30.00	PASS
		1	1		20.7	2.73	23.43	1.00	30.00	PASS
		1	36		20.7	2.73	23.43	1.00	30.00	PASS
	Highest	1	1	DFT_QAM16	19.78	2.73	22.51	1.00	30.00	PASS
		1	1	DFT_QAM64	18.02	2.73	20.75	1.00	30.00	PASS
		1	1	DFT_QAM256	16.34	2.73	19.07	1.00	30.00	PASS
		1	1	CP_QPSK	19.15	2.73	21.88	1.00	30.00	PASS
		1	1	DFT_BPSK	20.61	2.73	23.34	1.00	30.00	PASS
		36	0	DFT_QPSK	19.55	2.73	22.28	1.00	30.00	PASS
		18	9		20.55	2.73	23.28	1.00	30.00	PASS
		1	1		20.63	2.73	23.36	1.00	30.00	PASS
		1	36		20.48	2.73	23.21	1.00	30.00	PASS
40	Lowest	1	1	DFT_QAM16	19.75	2.73	22.48	1.00	30.00	PASS
		1	1	DFT_QAM64	18.13	2.73	20.86	1.00	30.00	PASS
		1	1	DFT_QAM256	16.23	2.73	18.96	1.00	30.00	PASS
		1	1	CP_QPSK	19.15	2.73	21.88	1.00	30.00	PASS
		1	1	DFT_BPSK	20.21	2.73	22.94	1.00	30.00	PASS
		100	0	DFT_QPSK	19.67	2.73	22.40	1.00	30.00	PASS
		50	25		20.79	2.73	23.52	1.00	30.00	PASS
		1	1		20.62	2.73	23.35	1.00	30.00	PASS
		1	104		20.39	2.73	23.12	1.00	30.00	PASS



	Middle	1	1	CP_QPSK	19.00	2.73	21.73	1.00	30.00	PASS
		1	1	DFT_BPSK	20.63	2.73	23.36	1.00	30.00	PASS
		100	0	DFT_QPSK	19.65	2.73	22.38	1.00	30.00	PASS
		50	25		20.77	2.73	23.50	1.00	30.00	PASS
		1	1		20.26	2.73	22.99	1.00	30.00	PASS
		1	104		20.25	2.73	22.98	1.00	30.00	PASS
		1	1	DFT_QAM16	19.73	2.73	22.46	1.00	30.00	PASS
		1	1	DFT_QAM64	17.94	2.73	20.67	1.00	30.00	PASS
		1	1	DFT_QAM256	15.71	2.73	18.44	1.00	30.00	PASS
	Highest	1	1	CP_QPSK	18.83	2.73	21.56	1.00	30.00	PASS
		1	1	DFT_BPSK	20.28	2.73	23.01	1.00	30.00	PASS
		100	0	DFT_QPSK	19.31	2.73	22.04	1.00	30.00	PASS
		50	25		20.26	2.73	22.99	1.00	30.00	PASS
		1	1		20.29	2.73	23.02	1.00	30.00	PASS
		1	104		20.28	2.73	23.01	1.00	30.00	PASS
		1	1	DFT_QAM16	19.46	2.73	22.19	1.00	30.00	PASS
		1	1	DFT_QAM64	17.50	2.73	20.23	1.00	30.00	PASS
		1	1	DFT_QAM256	15.72	2.73	18.45	1.00	30.00	PASS
		1	1	CP_QPSK	18.72	2.73	21.45	1.00	30.00	PASS



EIRP for NR n41 / SCS 30KHz										
BW (MHz)	UL Channel	RB Size	RB offset	Modulation	Conduction AVG Power(dBm)	Ant Gain (dBi)	EIRP(dBm)	EIRP Limit(W)	EIRP Limit(dBm)	Verdict
10	Lowest	1	1	DFT_BPSK	19.73	2.74	22.47	2.00	33.01	PASS
		50	0	DFT_QPSK	19.73	2.74	22.47	2.00	33.01	PASS
		25	12		20.75	2.74	23.49	2.00	33.01	PASS
		1	1		20.72	2.74	23.46	2.00	33.01	PASS
		1	50		20.87	2.74	23.61	2.00	33.01	PASS
		1	1	DFT_QAM16	19.88	2.74	22.62	2.00	33.01	PASS
		1	1	DFT_QAM64	17.98	2.74	20.72	2.00	33.01	PASS
		1	1	DFT_QAM256	16.3	2.74	19.04	2.00	33.01	PASS
	Middle	1	1	CP_QPSK	19.06	2.74	21.80	2.00	33.01	PASS
		1	1	DFT_BPSK	21.06	2.74	23.80	2.00	33.01	PASS
		50	0	DFT_QPSK	19.87	2.74	22.61	2.00	33.01	PASS
		25	12		20.97	2.74	23.71	2.00	33.01	PASS
		1	1		20.87	2.74	23.61	2.00	33.01	PASS
		1	50		20.84	2.74	23.58	2.00	33.01	PASS
		1	1	DFT_QAM16	20.21	2.74	22.95	2.00	33.01	PASS
		1	1	DFT_QAM64	18.14	2.74	20.88	2.00	33.01	PASS
	Highest	1	1	DFT_QAM256	16.63	2.74	19.37	2.00	33.01	PASS
		1	1	CP_QPSK	19.35	2.74	22.09	2.00	33.01	PASS
		1	1	DFT_BPSK	20.54	2.74	23.28	2.00	33.01	PASS
		50	0	DFT_QPSK	19.46	2.74	22.20	2.00	33.01	PASS
		25	12		20.53	2.74	23.27	2.00	33.01	PASS
		1	1		20.6	2.74	23.34	2.00	33.01	PASS
		1	50		20.44	2.74	23.18	2.00	33.01	PASS
		1	1	DFT_QAM16	19.82	2.74	22.56	2.00	33.01	PASS
50	Lowest	1	1	DFT_QAM64	18.22	2.74	20.96	2.00	33.01	PASS
		1	1	DFT_QAM256	16.25	2.74	18.99	2.00	33.01	PASS
		1	1	CP_QPSK	19.14	2.74	21.88	2.00	33.01	PASS
		1	1	DFT_BPSK	20.72	2.74	23.46	2.00	33.01	PASS
		100	0	DFT_QPSK	19.8	2.74	22.54	2.00	33.01	PASS
		50	25		20.92	2.74	23.66	2.00	33.01	PASS
		1	1		20.68	2.74	23.42	2.00	33.01	PASS
		1	104		20.76	2.74	23.50	2.00	33.01	PASS
	Middle	1	1	DFT_QAM16	19.88	2.74	22.62	2.00	33.01	PASS
		1	1	DFT_QAM64	18.09	2.74	20.83	2.00	33.01	PASS
		1	1	DFT_QAM256	16.03	2.74	18.77	2.00	33.01	PASS
		1	1	CP_QPSK	19.05	2.74	21.79	2.00	33.01	PASS
		1	1	DFT_BPSK	20.53	2.74	23.27	2.00	33.01	PASS
		128	0	DFT_QPSK	19.69	2.74	22.43	2.00	33.01	PASS
		64	32		20.83	2.74	23.57	2.00	33.01	PASS
		1	1		20.55	2.74	23.29	2.00	33.01	PASS
		1	131		20.32	2.74	23.06	2.00	33.01	PASS
	Highest	1	1	DFT_QAM16	19.84	2.74	22.58	2.00	33.01	PASS
		1	1	DFT_QAM64	18.44	2.74	21.18	2.00	33.01	PASS
		1	1	DFT_QAM256	16.27	2.74	19.01	2.00	33.01	PASS
		1	1	CP_QPSK	18.88	2.74	21.62	2.00	33.01	PASS
		1	1	DFT_BPSK	20.36	2.74	23.10	2.00	33.01	PASS
		128	0	DFT_QPSK	19.69	2.74	22.43	2.00	33.01	PASS
		64	32		20.71	2.74	23.45	2.00	33.01	PASS
		1	1		20.39	2.74	23.13	2.00	33.01	PASS
		1	131		20.25	2.74	22.99	2.00	33.01	PASS
100	Lowest	1	1	DFT_QAM16	19.54	2.74	22.28	2.00	33.01	PASS
		1	1	DFT_QAM64	17.9	2.74	20.64	2.00	33.01	PASS
		1	1	DFT_QAM256	15.97	2.74	18.71	2.00	33.01	PASS
		1	1	CP_QPSK	18.8	2.74	21.54	2.00	33.01	PASS
		1	1	DFT_BPSK	20.87	2.74	23.61	2.00	33.01	PASS
		270	0	DFT_QPSK	19.93	2.74	22.67	2.00	33.01	PASS
		135	67		21.04	2.74	23.78	2.00	33.01	PASS
		1	1		20.75	2.74	23.49	2.00	33.01	PASS
		1	271		21.12	2.74	23.86	2.00	33.01	PASS



	Middle	1	1	CP_QPSK	19.19	2.74	21.93	2.00	33.01	PASS
		1	1	DFT_BPSK	20.7	2.74	23.44	2.00	33.01	PASS
		270	0	DFT_QPSK	19.74	2.74	22.48	2.00	33.01	PASS
		135	67		20.84	2.74	23.58	2.00	33.01	PASS
		1	1		20.7	2.74	23.44	2.00	33.01	PASS
		1	271		20.59	2.74	23.33	2.00	33.01	PASS
		1	1	DFT_QAM16	20.03	2.74	22.77	2.00	33.01	PASS
		1	1	DFT_QAM64	18.11	2.74	20.85	2.00	33.01	PASS
		1	1	DFT_QAM256	16.4	2.74	19.14	2.00	33.01	PASS
	Highest	1	1	CP_QPSK	19.02	2.74	21.76	2.00	33.01	PASS
		1	1	DFT_BPSK	20.82	2.74	23.56	2.00	33.01	PASS
		270	0	DFT_QPSK	19.72	2.74	22.46	2.00	33.01	PASS
		135	67		20.77	2.74	23.51	2.00	33.01	PASS
		1	1		20.77	2.74	23.51	2.00	33.01	PASS
		1	271		20.42	2.74	23.16	2.00	33.01	PASS
		1	1	DFT_QAM16	19.82	2.74	22.56	2.00	33.01	PASS
		1	1	DFT_QAM64	18.33	2.74	21.07	2.00	33.01	PASS
		1	1	DFT_QAM256	16.17	2.74	18.91	2.00	33.01	PASS
		1	1	CP_QPSK	19.5	2.74	22.24	2.00	33.01	PASS



EIRP for NR n66 / SCS 15KHz										
BW (MHz)	UL Channel	RB Size	RB offset	Modulation	Conduction AVG Power(dBm)	Ant Gain (dBi)	EIRP(dBm)	EIRP Limit(W)	EIRP Limit(dBm)	Verdict
5	Lowest	1	1	DFT_BPSK	21.52	1.82	23.34	1.00	30.00	PASS
		25	0	DFT_QPSK	20.6	1.82	22.42	1.00	30.00	PASS
		12	6		21.48	1.82	23.30	1.00	30.00	PASS
		1	1		21.55	1.82	23.37	1.00	30.00	PASS
		1	23		21.48	1.82	23.30	1.00	30.00	PASS
		1	1	DFT_QAM16	20.93	1.82	22.75	1.00	30.00	PASS
		1	1	DFT_QAM64	19.17	1.82	20.99	1.00	30.00	PASS
		1	1	DFT_QAM256	17.06	1.82	18.88	1.00	30.00	PASS
	Middle	1	1	CP_QPSK	20.1	1.82	21.92	1.00	30.00	PASS
		1	1	DFT_BPSK	22.12	1.82	23.94	1.00	30.00	PASS
		25	0	DFT_QPSK	20.95	1.82	22.77	1.00	30.00	PASS
		12	6		21.95	1.82	23.77	1.00	30.00	PASS
		1	1		21.94	1.82	23.76	1.00	30.00	PASS
		1	23		21.91	1.82	23.73	1.00	30.00	PASS
		1	1	DFT_QAM16	21.05	1.82	22.87	1.00	30.00	PASS
		1	1	DFT_QAM64	19.39	1.82	21.21	1.00	30.00	PASS
	Highest	1	1	DFT_QAM256	17.46	1.82	19.28	1.00	30.00	PASS
		1	1	CP_QPSK	20.55	1.82	22.37	1.00	30.00	PASS
		1	1	DFT_BPSK	21.74	1.82	23.56	1.00	30.00	PASS
		25	0	DFT_QPSK	20.72	1.82	22.54	1.00	30.00	PASS
		12	6		21.71	1.82	23.53	1.00	30.00	PASS
		1	1		21.53	1.82	23.35	1.00	30.00	PASS
		1	23		21.61	1.82	23.43	1.00	30.00	PASS
		1	1	DFT_QAM16	20.77	1.82	22.59	1.00	30.00	PASS
20	Lowest	1	1	DFT_BPSK	19.89	1.82	21.71	1.00	30.00	PASS
		100	0	DFT_QPSK	19.97	1.82	21.79	1.00	30.00	PASS
		50	25		19.92	1.82	21.74	1.00	30.00	PASS
		1	1		19.99	1.82	21.81	1.00	30.00	PASS
		1	104		19.99	1.82	21.81	1.00	30.00	PASS
		1	1	DFT_QAM16	19.99	1.82	21.81	1.00	30.00	PASS
		1	1	DFT_QAM64	19.9	1.82	21.72	1.00	30.00	PASS
		1	1	DFT_QAM256	20.01	1.82	21.83	1.00	30.00	PASS
	Middle	1	1	CP_QPSK	20.01	1.82	21.83	1.00	30.00	PASS
		1	1	DFT_BPSK	20.13	1.82	21.95	1.00	30.00	PASS
		100	0	DFT_QPSK	20.04	1.82	21.86	1.00	30.00	PASS
		50	25		20.06	1.82	21.88	1.00	30.00	PASS
		1	1		20.04	1.82	21.86	1.00	30.00	PASS
		1	104		20.07	1.82	21.89	1.00	30.00	PASS
		1	1	DFT_QAM16	20.13	1.82	21.95	1.00	30.00	PASS
		1	1	DFT_QAM64	20.14	1.82	21.96	1.00	30.00	PASS
	Highest	1	1	DFT_QAM256	20.15	1.82	21.97	1.00	30.00	PASS
		1	1	CP_QPSK	20.13	1.82	21.95	1.00	30.00	PASS
		1	1	DFT_BPSK	20.01	1.82	21.83	1.00	30.00	PASS
		100	0	DFT_QPSK	20.17	1.82	21.99	1.00	30.00	PASS
		50	25		20.16	1.82	21.98	1.00	30.00	PASS
		1	1		20.09	1.82	21.91	1.00	30.00	PASS
		1	104		20.1	1.82	21.92	1.00	30.00	PASS
		1	1	DFT_QAM16	20.04	1.82	21.86	1.00	30.00	PASS
40	Lowest	1	1	DFT_QAM64	20.05	1.82	21.87	1.00	30.00	PASS
		1	1	DFT_QAM256	20.18	1.82	22.00	1.00	30.00	PASS
		1	1	CP_QPSK	20.1	1.82	21.92	1.00	30.00	PASS
		1	1	DFT_BPSK	20.05	1.82	21.87	1.00	30.00	PASS
		216	0	DFT_QPSK	19.87	1.82	21.69	1.00	30.00	PASS
		108	54		19.94	1.82	21.76	1.00	30.00	PASS
		1	1		19.93	1.82	21.75	1.00	30.00	PASS
		1	214		20.05	1.82	21.87	1.00	30.00	PASS



	Middle	1	1	CP_QPSK	20.03	1.82	21.85	1.00	30.00	PASS
		1	1	DFT_BPSK	20.15	1.82	21.97	1.00	30.00	PASS
		216	0	DFT_QPSK	20.14	1.82	21.96	1.00	30.00	PASS
		108	54		20.05	1.82	21.87	1.00	30.00	PASS
		1	1		20.05	1.82	21.87	1.00	30.00	PASS
		1	214		20.16	1.82	21.98	1.00	30.00	PASS
		1	1	DFT_QAM16	20.13	1.82	21.95	1.00	30.00	PASS
		1	1	DFT_QAM64	20.13	1.82	21.95	1.00	30.00	PASS
		1	1	DFT_QAM256	20.14	1.82	21.96	1.00	30.00	PASS
	Highest	1	1	CP_QPSK	20.15	1.82	21.97	1.00	30.00	PASS
		1	1	DFT_BPSK	20.08	1.82	21.90	1.00	30.00	PASS
		216	0	DFT_QPSK	20.1	1.82	21.92	1.00	30.00	PASS
		108	54		20.09	1.82	21.91	1.00	30.00	PASS
		1	1		20.09	1.82	21.91	1.00	30.00	PASS
		1	214		20.09	1.82	21.91	1.00	30.00	PASS
		1	1	DFT_QAM16	20.16	1.82	21.98	1.00	30.00	PASS
		1	1	DFT_QAM64	20.09	1.82	21.91	1.00	30.00	PASS
		1	1	DFT_QAM256	20.17	1.82	21.99	1.00	30.00	PASS
		1	1	CP_QPSK	20.18	1.82	22.00	1.00	30.00	PASS



ERP for NR n71 / SCS 15KHz										
BW (MHz)	UL Channel	RB Size	RB offset	Modulation	Conduction AVG Power(dBm)	Ant Gain (dBi)	ERP(dBm)	ERP Limit(W)	ERP Limit(dBm)	Verdict
5	Lowest	1	1	DFT_BPSK	21.09	0.09	19.03	3.00	34.77	PASS
		25	0	DFT_QPSK	20.19	0.09	18.13	3.00	34.77	PASS
		12	6		21.2	0.09	19.14	3.00	34.77	PASS
		1	1		21	0.09	18.94	3.00	34.77	PASS
		1	23		21.12	0.09	19.06	3.00	34.77	PASS
		1	1	DFT_QAM16	20.2	0.09	18.14	3.00	34.77	PASS
		1	1	DFT_QAM64	18.63	0.09	16.57	3.00	34.77	PASS
		1	1	DFT_QAM256	16.68	0.09	14.62	3.00	34.77	PASS
	Middle	1	1	CP_QPSK	19.49	0.09	17.43	3.00	34.77	PASS
		1	1	DFT_BPSK	21.67	0.09	19.61	3.00	34.77	PASS
		25	0	DFT_QPSK	20.79	0.09	18.73	3.00	34.77	PASS
		12	6		21.71	0.09	19.65	3.00	34.77	PASS
		1	1		21.63	0.09	19.57	3.00	34.77	PASS
		1	23		21.7	0.09	19.64	3.00	34.77	PASS
		1	1	DFT_QAM16	21.02	0.09	18.96	3.00	34.77	PASS
		1	1	DFT_QAM64	19.39	0.09	17.33	3.00	34.77	PASS
	Highest	1	1	DFT_QAM256	17.37	0.09	15.31	3.00	34.77	PASS
		1	1	CP_QPSK	20.16	0.09	18.10	3.00	34.77	PASS
		1	1	DFT_BPSK	21.91	0.09	19.85	3.00	34.77	PASS
		25	0	DFT_QPSK	21	0.09	18.94	3.00	34.77	PASS
		12	6		21.92	0.09	19.86	3.00	34.77	PASS
		1	1		21.88	0.09	19.82	3.00	34.77	PASS
		1	23		21.87	0.09	19.81	3.00	34.77	PASS
		1	1	DFT_QAM16	21.27	0.09	19.21	3.00	34.77	PASS
15	Lowest	1	1	DFT_BPSK	21.05	0.09	18.99	3.00	34.77	PASS
		75	0	DFT_QPSK	20.45	0.09	18.39	3.00	34.77	PASS
		36	18		21.4	0.09	19.34	3.00	34.77	PASS
		1	1		20.98	0.09	18.92	3.00	34.77	PASS
		1	77		21.7	0.09	19.64	3.00	34.77	PASS
		1	1	DFT_QAM16	20.35	0.09	18.29	3.00	34.77	PASS
		1	1	DFT_QAM64	18.83	0.09	16.77	3.00	34.77	PASS
		1	1	DFT_QAM256	16.68	0.09	14.62	3.00	34.77	PASS
	Middle	1	1	CP_QPSK	19.53	0.09	17.47	3.00	34.77	PASS
		1	1	DFT_BPSK	21.28	0.09	19.22	3.00	34.77	PASS
		75	0	DFT_QPSK	20.72	0.09	18.66	3.00	34.77	PASS
		36	18		21.7	0.09	19.64	3.00	34.77	PASS
		1	1		21.23	0.09	19.17	3.00	34.77	PASS
		1	77		21.73	0.09	19.67	3.00	34.77	PASS
		1	1	DFT_QAM16	20.69	0.09	18.63	3.00	34.77	PASS
		1	1	DFT_QAM64	18.73	0.09	16.67	3.00	34.77	PASS
	Highest	1	1	DFT_QAM256	16.89	0.09	14.83	3.00	34.77	PASS
		1	1	CP_QPSK	19.74	0.09	17.68	3.00	34.77	PASS
		1	1	DFT_BPSK	21.71	0.09	19.65	3.00	34.77	PASS
		75	0	DFT_QPSK	20.84	0.09	18.78	3.00	34.77	PASS
		36	18		21.81	0.09	19.75	3.00	34.77	PASS
		1	1		21.63	0.09	19.57	3.00	34.77	PASS
		1	77		21.84	0.09	19.78	3.00	34.77	PASS
		1	1	DFT_QAM16	20.74	0.09	18.68	3.00	34.77	PASS
20	Lowest	1	1	DFT_QAM64	19.16	0.09	17.10	3.00	34.77	PASS
		1	1	DFT_QAM256	17.33	0.09	15.27	3.00	34.77	PASS
		1	1	CP_QPSK	20.23	0.09	18.17	3.00	34.77	PASS
		1	1	DFT_BPSK	21.15	0.09	19.09	3.00	34.77	PASS
		100	0	DFT_QPSK	20.82	0.09	18.76	3.00	34.77	PASS
		50	25		21.87	0.09	19.81	3.00	34.77	PASS
		1	1		20.81	0.09	18.75	3.00	34.77	PASS
		1	104		21.48	0.09	19.42	3.00	34.77	PASS



	Middle	1	1	CP_QPSK	19.68	0.09	17.62	3.00	34.77	PASS
		1	1	DFT_BPSK	21.65	0.09	19.59	3.00	34.77	PASS
		100	0	DFT_QPSK	20.75	0.09	18.69	3.00	34.77	PASS
		50	25		21.19	0.09	19.13	3.00	34.77	PASS
		1	1		21.54	0.09	19.48	3.00	34.77	PASS
		1	104		20.81	0.09	18.75	3.00	34.77	PASS
		1	1	DFT_QAM16	20.46	0.09	18.40	3.00	34.77	PASS
		1	1	DFT_QAM64	18.23	0.09	16.17	3.00	34.77	PASS
		1	1	DFT_QAM256	16.63	0.09	14.57	3.00	34.77	PASS
	Highest	1	1	CP_QPSK	20.13	0.09	18.07	3.00	34.77	PASS
		1	1	DFT_BPSK	21.46	0.09	19.40	3.00	34.77	PASS
		100	0	DFT_QPSK	20.29	0.09	18.23	3.00	34.77	PASS
		50	25		21.85	0.09	19.79	3.00	34.77	PASS
		1	1		21.85	0.09	19.79	3.00	34.77	PASS
		1	104		21.86	0.09	19.80	3.00	34.77	PASS
		1	1	DFT_QAM16	21.89	0.09	19.83	3.00	34.77	PASS
		1	1	DFT_QAM64	18.43	0.09	16.37	3.00	34.77	PASS
		1	1	DFT_QAM256	16.93	0.09	14.87	3.00	34.77	PASS
		1	1	CP_QPSK	19.86	0.09	17.80	3.00	34.77	PASS



3450 MHz-3550 MHz

EIRP for NR n77 / SCS 30KHz

BW (MHz)	UL Channel	RB Size	RB offset	Modulation	Conduction AVG Power(dBm)	Ant Gain (dBi)	EIRP(dBm)	EIRP Limit(W)	EIRP Limit(dBm)	Verdict
10	Lowest	1	1	DFT_BPSK	21.85	2.81	24.66	1.00	30.00	PASS
		24	0	DFT_QPSK	20.74	2.81	23.55	1.00	30.00	PASS
		12	6		21.89	2.81	24.70	1.00	30.00	PASS
		1	1		21.82	2.81	24.63	1.00	30.00	PASS
		1	22		21.78	2.81	24.59	1.00	30.00	PASS
		1	1	DFT_QAM16	20.96	2.81	23.77	1.00	30.00	PASS
		1	1	DFT_QAM64	19.19	2.81	22.00	1.00	30.00	PASS
		1	1	DFT_QAM256	17.49	2.81	20.30	1.00	30.00	PASS
	Middle	1	1	CP_QPSK	20.34	2.81	23.15	1.00	30.00	PASS
		1	1	DFT_BPSK	21.65	2.81	24.46	1.00	30.00	PASS
		24	0	DFT_QPSK	20.47	2.81	23.28	1.00	30.00	PASS
		12	6		21.47	2.81	24.28	1.00	30.00	PASS
		1	1		21.6	2.81	24.41	1.00	30.00	PASS
		1	22		21.34	2.81	24.15	1.00	30.00	PASS
		1	1	DFT_QAM16	20.71	2.81	23.52	1.00	30.00	PASS
		1	1	DFT_QAM64	19.11	2.81	21.92	1.00	30.00	PASS
	Highest	1	1	DFT_QAM256	17.17	2.81	19.98	1.00	30.00	PASS
		1	1	CP_QPSK	20.09	2.81	22.90	1.00	30.00	PASS
		1	1	DFT_BPSK	21.01	2.81	23.82	1.00	30.00	PASS
		24	0	DFT_QPSK	19.88	2.81	22.69	1.00	30.00	PASS
		12	6		20.95	2.81	23.76	1.00	30.00	PASS
		1	1		20.92	2.81	23.73	1.00	30.00	PASS
		1	22		20.81	2.81	23.62	1.00	30.00	PASS
		1	1	DFT_QAM16	20.27	2.81	23.08	1.00	30.00	PASS
50	Lowest	1	1	DFT_BPSK	21.67	2.81	24.48	1.00	30.00	PASS
		128	0	DFT_QPSK	20.66	2.81	23.47	1.00	30.00	PASS
		64	32		21.66	2.81	24.47	1.00	30.00	PASS
		1	1		21.64	2.81	24.45	1.00	30.00	PASS
		1	131		21.26	2.81	24.07	1.00	30.00	PASS
		1	1	DFT_QAM16	20.74	2.81	23.55	1.00	30.00	PASS
		1	1	DFT_QAM64	19.11	2.81	21.92	1.00	30.00	PASS
		1	1	DFT_QAM256	17.07	2.81	19.88	1.00	30.00	PASS
	Middle	1	1	CP_QPSK	20.17	2.81	22.98	1.00	30.00	PASS
		1	1	DFT_BPSK	21.57	2.81	24.38	1.00	30.00	PASS
		128	0	DFT_QPSK	20.44	2.81	23.25	1.00	30.00	PASS
		64	32		21.5	2.81	24.31	1.00	30.00	PASS
		1	1		21.48	2.81	24.29	1.00	30.00	PASS
		1	131		21.11	2.81	23.92	1.00	30.00	PASS
		1	1	DFT_QAM16	20.62	2.81	23.43	1.00	30.00	PASS
		1	1	DFT_QAM64	19.42	2.81	22.23	1.00	30.00	PASS
	Highest	1	1	DFT_QAM256	17.01	2.81	19.82	1.00	30.00	PASS
		1	1	CP_QPSK	20	2.81	22.81	1.00	30.00	PASS
		1	1	DFT_BPSK	21.15	2.81	23.96	1.00	30.00	PASS
		128	0	DFT_QPSK	20.14	2.81	22.95	1.00	30.00	PASS
		64	32		21.22	2.81	24.03	1.00	30.00	PASS
		1	1		21.11	2.81	23.92	1.00	30.00	PASS
		1	131		20.73	2.81	23.54	1.00	30.00	PASS
		1	1	DFT_QAM16	20.21	2.81	23.02	1.00	30.00	PASS
100	Lowest	1	1	DFT_QAM64	18.62	2.81	21.43	1.00	30.00	PASS
		1	1	DFT_QAM256	16.74	2.81	19.55	1.00	30.00	PASS
		1	1	CP_QPSK	19.76	2.81	22.57	1.00	30.00	PASS
		1	1	DFT_BPSK	21.8	2.81	24.61	1.00	30.00	PASS
		270	0	DFT_QPSK	20.47	2.81	23.28	1.00	30.00	PASS
		135	67		21.5	2.81	24.31	1.00	30.00	PASS
		1	1		21.8	2.81	24.61	1.00	30.00	PASS
		1	271		20.88	2.81	23.69	1.00	30.00	PASS
		1	1	DFT_QAM16	20.88	2.81	23.69	1.00	30.00	PASS
		1	1	DFT_QAM64	19.24	2.81	22.05	1.00	30.00	PASS



	Highest	1	1	DFT_QAM256	17.49	2.81	20.30	1.00	30.00	PASS
		1	1	CP_QPSK	20.17	2.81	22.98	1.00	30.00	PASS
		1	1	DFT_BPSK	21.85	2.81	24.66	1.00	30.00	PASS
		270	0	DFT_QPSK	20.49	2.81	23.30	1.00	30.00	PASS
		135	67		21.48	2.81	24.29	1.00	30.00	PASS
		1	1		21.8	2.81	24.61	1.00	30.00	PASS
		1	271		20.85	2.81	23.66	1.00	30.00	PASS
		1	1	DFT_QAM16	21.24	2.81	24.05	1.00	30.00	PASS
		1	1	DFT_QAM64	19.25	2.81	22.06	1.00	30.00	PASS
		1	1	DFT_QAM256	17.28	2.81	20.09	1.00	30.00	PASS
		1	1	CP_QPSK	20.33	2.81	23.14	1.00	30.00	PASS



3700 MHz -3980MHz

EIRP for NR n77 / SCS 30KHz

BW (MHz)	UL Channel	RB Size	RB offset	Modulation	Conduction AVG Power(dBm)	Ant Gain (dBi)	EIRP(dBm)	EIRP Limit(W)	EIRP Limit(dBm)	Verdict
10	Lowest	1	1	DFT_BPSK	20.62	2.81	23.43	1.00	30.00	PASS
		24	0	DFT_QPSK	19.6	2.81	22.41	1.00	30.00	PASS
		12	6		20.64	2.81	23.45	1.00	30.00	PASS
		1	1		20.55	2.81	23.36	1.00	30.00	PASS
		1	22		20.71	2.81	23.52	1.00	30.00	PASS
		1	1	DFT_QAM16	20.04	2.81	22.85	1.00	30.00	PASS
		1	1	DFT_QAM64	18.11	2.81	20.92	1.00	30.00	PASS
		1	1	DFT_QAM256	16.01	2.81	18.82	1.00	30.00	PASS
	Middle	1	1	CP_QPSK	19.21	2.81	22.02	1.00	30.00	PASS
		1	1	DFT_BPSK	20.58	2.81	23.39	1.00	30.00	PASS
		24	0	DFT_QPSK	19.7	2.81	22.51	1.00	30.00	PASS
		12	6		20.61	2.81	23.42	1.00	30.00	PASS
		1	1		20.54	2.81	23.35	1.00	30.00	PASS
		1	22		20.46	2.81	23.27	1.00	30.00	PASS
		1	1	DFT_QAM16	19.88	2.81	22.69	1.00	30.00	PASS
		1	1	DFT_QAM64	17.96	2.81	20.77	1.00	30.00	PASS
	Highest	1	1	DFT_QAM256	15.94	2.81	18.75	1.00	30.00	PASS
		1	1	CP_QPSK	19.19	2.81	22.00	1.00	30.00	PASS
		1	1	DFT_BPSK	21	2.81	23.81	1.00	30.00	PASS
		24	0	DFT_QPSK	20.01	2.81	22.82	1.00	30.00	PASS
		12	6		21.17	2.81	23.98	1.00	30.00	PASS
		1	1		21	2.81	23.81	1.00	30.00	PASS
		1	22		21.1	2.81	23.91	1.00	30.00	PASS
		1	1	DFT_QAM16	20.33	2.81	23.14	1.00	30.00	PASS
50	Lowest	1	1	DFT_BPSK	20.36	2.81	23.17	1.00	30.00	PASS
		128	0	DFT_QPSK	19.52	2.81	22.33	1.00	30.00	PASS
		64	32		20.6	2.81	23.41	1.00	30.00	PASS
		1	1		20.22	2.81	23.03	1.00	30.00	PASS
		1	131		20.27	2.81	23.08	1.00	30.00	PASS
		1	1	DFT_QAM16	19.33	2.81	22.14	1.00	30.00	PASS
		1	1	DFT_QAM64	18.07	2.81	20.88	1.00	30.00	PASS
		1	1	DFT_QAM256	15.8	2.81	18.61	1.00	30.00	PASS
	Middle	1	1	CP_QPSK	18.79	2.81	21.60	1.00	30.00	PASS
		1	1	DFT_BPSK	20.33	2.81	23.14	1.00	30.00	PASS
		128	0	DFT_QPSK	19.49	2.81	22.30	1.00	30.00	PASS
		64	32		20.47	2.81	23.28	1.00	30.00	PASS
		1	1		20.27	2.81	23.08	1.00	30.00	PASS
		1	131		20.45	2.81	23.26	1.00	30.00	PASS
		1	1	DFT_QAM16	19.59	2.81	22.40	1.00	30.00	PASS
		1	1	DFT_QAM64	17.72	2.81	20.53	1.00	30.00	PASS
	Highest	1	1	DFT_QAM256	15.75	2.81	18.56	1.00	30.00	PASS
		1	1	CP_QPSK	18.8	2.81	21.61	1.00	30.00	PASS
		1	1	DFT_BPSK	20.37	2.81	23.18	1.00	30.00	PASS
		128	0	DFT_QPSK	19.8	2.81	22.61	1.00	30.00	PASS
		64	32		20.84	2.81	23.65	1.00	30.00	PASS
		1	1		20.35	2.81	23.16	1.00	30.00	PASS
		1	131		20.84	2.81	23.65	1.00	30.00	PASS
		1	1	DFT_QAM16	19.55	2.81	22.36	1.00	30.00	PASS
100	Lowest	1	1	DFT_QAM64	17.88	2.81	20.69	1.00	30.00	PASS
		1	1	DFT_QAM256	15.96	2.81	18.77	1.00	30.00	PASS
		1	1	CP_QPSK	19.02	2.81	21.83	1.00	30.00	PASS
		1	1	DFT_BPSK	20.42	2.81	23.23	1.00	30.00	PASS
		270	0	DFT_QPSK	19.43	2.81	22.24	1.00	30.00	PASS
		135	67		20.4	2.81	23.21	1.00	30.00	PASS
		1	1		20.37	2.81	23.18	1.00	30.00	PASS
		1	271		20.24	2.81	23.05	1.00	30.00	PASS
		1	1	DFT_QAM16	19.58	2.81	22.39	1.00	30.00	PASS
		1	1	DFT_QAM64	17.87	2.81	20.68	1.00	30.00	PASS



		1	1	DFT_QAM256	16.04	2.81	18.85	1.00	30.00	PASS
		1	1	CP_QPSK	18.91	2.81	21.72	1.00	30.00	PASS
	Middle	1	1	DFT_BPSK	20.47	2.81	23.28	1.00	30.00	PASS
		270	0	DFT_QPSK	19.6	2.81	22.41	1.00	30.00	PASS
		135	67		20.68	2.81	23.49	1.00	30.00	PASS
		1	1		20.39	2.81	23.20	1.00	30.00	PASS
		1	271		20.58	2.81	23.39	1.00	30.00	PASS
		1	1	DFT_QAM16	19.38	2.81	22.19	1.00	30.00	PASS
		1	1	DFT_QAM64	17.86	2.81	20.67	1.00	30.00	PASS
		1	1	DFT_QAM256	16.06	2.81	18.87	1.00	30.00	PASS
		1	1	CP_QPSK	18.88	2.81	21.69	1.00	30.00	PASS
	Highest	1	1	DFT_BPSK	20.37	2.81	23.18	1.00	30.00	PASS
		270	0	DFT_QPSK	19.6	2.81	22.41	1.00	30.00	PASS
		135	67		20.59	2.81	23.40	1.00	30.00	PASS
		1	1		20.35	2.81	23.16	1.00	30.00	PASS
		1	271		20.89	2.81	23.70	1.00	30.00	PASS
		1	1	DFT_QAM16	19.39	2.81	22.20	1.00	30.00	PASS
		1	1	DFT_QAM64	17.84	2.81	20.65	1.00	30.00	PASS
		1	1	DFT_QAM256	15.78	2.81	18.59	1.00	30.00	PASS
		1	1	CP_QPSK	18.85	2.81	21.66	1.00	30.00	PASS



3450 MHz -3550 MHz

EIRP for NR n78 / SCS 30KHz

BW (MHz)	UL Channel	RB Size	RB offset	Modulation	Conduction AVG Power(dBm)	Ant Gain (dBi)	EIRP(dBm)	EIRP Limit(W)	EIRP Limit(dBm)	Verdict
10	Lowest	1	1	DFT_BPSK	21.93	2.55	24.48	1.00	30.00	PASS
		24	0	DFT_QPSK	20.8	2.55	23.35	1.00	30.00	PASS
		12	6		21.93	2.55	24.48	1.00	30.00	PASS
		1	1		21.92	2.55	24.47	1.00	30.00	PASS
		1	22		21.82	2.55	24.37	1.00	30.00	PASS
		1	1	DFT_QAM16	21.07	2.55	23.62	1.00	30.00	PASS
		1	1	DFT_QAM64	19.47	2.55	22.02	1.00	30.00	PASS
		1	1	DFT_QAM256	17.5	2.55	20.05	1.00	30.00	PASS
	Middle	1	1	CP_QPSK	20.38	2.55	22.93	1.00	30.00	PASS
		1	1	DFT_BPSK	21.67	2.55	24.22	1.00	30.00	PASS
		24	0	DFT_QPSK	20.54	2.55	23.09	1.00	30.00	PASS
		12	6		21.53	2.55	24.08	1.00	30.00	PASS
		1	1		21.61	2.55	24.16	1.00	30.00	PASS
		1	22		21.33	2.55	23.88	1.00	30.00	PASS
		1	1	DFT_QAM16	20.68	2.55	23.23	1.00	30.00	PASS
		1	1	DFT_QAM64	19	2.55	21.55	1.00	30.00	PASS
	Highest	1	1	DFT_QAM256	17.02	2.55	19.57	1.00	30.00	PASS
		1	1	CP_QPSK	20.13	2.55	22.68	1.00	30.00	PASS
		1	1	DFT_BPSK	20.95	2.55	23.50	1.00	30.00	PASS
		24	0	DFT_QPSK	19.86	2.55	22.41	1.00	30.00	PASS
		12	6		20.9	2.55	23.45	1.00	30.00	PASS
		1	1		20.95	2.55	23.50	1.00	30.00	PASS
		1	22		20.8	2.55	23.35	1.00	30.00	PASS
		1	1	DFT_QAM16	20.26	2.55	22.81	1.00	30.00	PASS
50	Lowest	1	1	DFT_BPSK	21.76	2.55	24.31	1.00	30.00	PASS
		128	0	DFT_QPSK	20.61	2.55	23.16	1.00	30.00	PASS
		64	32		21.65	2.55	24.20	1.00	30.00	PASS
		1	1		21.69	2.55	24.24	1.00	30.00	PASS
		1	131		21.27	2.55	23.82	1.00	30.00	PASS
		1	1	DFT_QAM16	20.81	2.55	23.36	1.00	30.00	PASS
		1	1	DFT_QAM64	19.08	2.55	21.63	1.00	30.00	PASS
		1	1	DFT_QAM256	17.26	2.55	19.81	1.00	30.00	PASS
	Middle	1	1	CP_QPSK	20.17	2.55	22.72	1.00	30.00	PASS
		1	1	DFT_BPSK	21.49	2.55	24.04	1.00	30.00	PASS
		128	0	DFT_QPSK	20.56	2.55	23.11	1.00	30.00	PASS
		64	32		21.51	2.55	24.06	1.00	30.00	PASS
		1	1		21.49	2.55	24.04	1.00	30.00	PASS
		1	131		21.1	2.55	23.65	1.00	30.00	PASS
		1	1	DFT_QAM16	20.9	2.55	23.45	1.00	30.00	PASS
		1	1	DFT_QAM64	18.92	2.55	21.47	1.00	30.00	PASS
	Highest	1	1	DFT_QAM256	16.94	2.55	19.49	1.00	30.00	PASS
		1	1	CP_QPSK	19.95	2.55	22.50	1.00	30.00	PASS
		1	1	DFT_BPSK	21.19	2.55	23.74	1.00	30.00	PASS
		128	0	DFT_QPSK	20.19	2.55	22.74	1.00	30.00	PASS
		64	32		21.31	2.55	23.86	1.00	30.00	PASS
		1	1		21.2	2.55	23.75	1.00	30.00	PASS
		1	131		20.71	2.55	23.26	1.00	30.00	PASS
		1	1	DFT_QAM16	20.29	2.55	22.84	1.00	30.00	PASS
100	Lowest	1	1	DFT_QAM64	17.97	2.55	20.52	1.00	30.00	PASS
		1	1	DFT_QAM256	16.78	2.55	19.33	1.00	30.00	PASS
		1	1	CP_QPSK	19.73	2.55	22.28	1.00	30.00	PASS
		1	1	DFT_BPSK	21.95	2.55	24.50	1.00	30.00	PASS
		270	0	DFT_QPSK	20.55	2.55	23.10	1.00	30.00	PASS
		135	67		21.63	2.55	24.18	1.00	30.00	PASS
		1	1		21.9	2.55	24.45	1.00	30.00	PASS
		1	271		20.92	2.55	23.47	1.00	30.00	PASS
		1	1	DFT_QAM16	20.97	2.55	23.52	1.00	30.00	PASS
		1	1	DFT_QAM64	19.28	2.55	21.83	1.00	30.00	PASS



Highest	1	1	DFT_QAM256	17.63	2.55	20.18	1.00	30.00	PASS
	1	1	CP_QPSK	20.46	2.55	23.01	1.00	30.00	PASS
	1	1	DFT_BPSK	21.97	2.55	24.52	1.00	30.00	PASS
	270	0	DFT_QPSK	20.57	2.55	23.12	1.00	30.00	PASS
	135	67		21.62	2.55	24.17	1.00	30.00	PASS
	1	1		21.92	2.55	24.47	1.00	30.00	PASS
	1	271		20.96	2.55	23.51	1.00	30.00	PASS
	1	1	DFT_QAM16	21.37	2.55	23.92	1.00	30.00	PASS
	1	1	DFT_QAM64	19.27	2.55	21.82	1.00	30.00	PASS
	1	1	DFT_QAM256	17.37	2.55	19.92	1.00	30.00	PASS
	1	1	CP_QPSK	20.44	2.55	22.99	1.00	30.00	PASS



3700 MHz -3800 MHz

EIRP for NR n78 / SCS 30KHz

BW (MHz)	UL Channel	RB Size	RB offset	Modulation	Conduction AVG Power(dBm)	Ant Gain (dBi)	EIRP(dBm)	EIRP Limit(W)	EIRP Limit(dBm)	Verdict
10	Lowest	1	1	DFT_BPSK	20.68	2.55	23.23	1.00	30.00	PASS
		24	0	DFT_QPSK	19.77	2.55	22.32	1.00	30.00	PASS
		12	6		20.8	2.55	23.35	1.00	30.00	PASS
		1	1		20.62	2.55	23.17	1.00	30.00	PASS
		1	22		20.76	2.55	23.31	1.00	30.00	PASS
		1	1	DFT_QAM16	20.02	2.55	22.57	1.00	30.00	PASS
		1	1	DFT_QAM64	18.06	2.55	20.61	1.00	30.00	PASS
		1	1	DFT_QAM256	16.07	2.55	18.62	1.00	30.00	PASS
	Middle	1	1	CP_QPSK	19.16	2.55	21.71	1.00	30.00	PASS
		1	1	DFT_BPSK	20.6	2.55	23.15	1.00	30.00	PASS
		24	0	DFT_QPSK	19.45	2.55	22.00	1.00	30.00	PASS
		12	6		20.54	2.55	23.09	1.00	30.00	PASS
		1	1		20.53	2.55	23.08	1.00	30.00	PASS
		1	22		20.45	2.55	23.00	1.00	30.00	PASS
		1	1	DFT_QAM16	19.5	2.55	22.05	1.00	30.00	PASS
		1	1	DFT_QAM64	17.87	2.55	20.42	1.00	30.00	PASS
	Highest	1	1	DFT_QAM256	16.08	2.55	18.63	1.00	30.00	PASS
		1	1	CP_QPSK	19.03	2.55	21.58	1.00	30.00	PASS
		1	1	DFT_BPSK	20.49	2.55	23.04	1.00	30.00	PASS
		24	0	DFT_QPSK	19.37	2.55	21.92	1.00	30.00	PASS
		12	6		20.48	2.55	23.03	1.00	30.00	PASS
		1	1		20.43	2.55	22.98	1.00	30.00	PASS
		1	22		20.37	2.55	22.92	1.00	30.00	PASS
		1	1	DFT_QAM16	19.54	2.55	22.09	1.00	30.00	PASS
50	Lowest	1	1	DFT_BPSK	20.46	2.55	23.01	1.00	30.00	PASS
		128	0	DFT_QPSK	19.66	2.55	22.21	1.00	30.00	PASS
		64	32		20.7	2.55	23.25	1.00	30.00	PASS
		1	1		20.35	2.55	22.90	1.00	30.00	PASS
		1	131		20.31	2.55	22.86	1.00	30.00	PASS
		1	1	DFT_QAM16	19.47	2.55	22.02	1.00	30.00	PASS
		1	1	DFT_QAM64	18.17	2.55	20.72	1.00	30.00	PASS
		1	1	DFT_QAM256	16.11	2.55	18.66	1.00	30.00	PASS
	Middle	1	1	CP_QPSK	18.93	2.55	21.48	1.00	30.00	PASS
		1	1	DFT_BPSK	20.53	2.55	23.08	1.00	30.00	PASS
		128	0	DFT_QPSK	19.4	2.55	21.95	1.00	30.00	PASS
		64	32		20.37	2.55	22.92	1.00	30.00	PASS
		1	1		20.41	2.55	22.96	1.00	30.00	PASS
		1	131		20.08	2.55	22.63	1.00	30.00	PASS
		1	1	DFT_QAM16	19.9	2.55	22.45	1.00	30.00	PASS
		1	1	DFT_QAM64	17.9	2.55	20.45	1.00	30.00	PASS
	Highest	1	1	DFT_QAM256	16.22	2.55	18.77	1.00	30.00	PASS
		1	1	CP_QPSK	19	2.55	21.55	1.00	30.00	PASS
		1	1	DFT_BPSK	20.31	2.55	22.86	1.00	30.00	PASS
		128	0	DFT_QPSK	19.17	2.55	21.72	1.00	30.00	PASS
		64	32		20.29	2.55	22.84	1.00	30.00	PASS
		1	1		20.19	2.55	22.74	1.00	30.00	PASS
		1	131		20.16	2.55	22.71	1.00	30.00	PASS
		1	1	DFT_QAM16	19.34	2.55	21.89	1.00	30.00	PASS
100	Highest	1	1	DFT_QAM64	17.61	2.55	20.16	1.00	30.00	PASS
		1	1	DFT_QAM256	16	2.55	18.55	1.00	30.00	PASS
		1	1	CP_QPSK	18.76	2.55	21.31	1.00	30.00	PASS
		1	1	DFT_BPSK	20.51	2.55	23.06	1.00	30.00	PASS
		270	0	DFT_QPSK	19.56	2.55	22.11	1.00	30.00	PASS
		135	67		20.52	2.55	23.07	1.00	30.00	PASS
		1	1		20.51	2.55	23.06	1.00	30.00	PASS
		1	271		20.4	2.55	22.95	1.00	30.00	PASS
		1	1	DFT_QAM16	19.64	2.55	22.19	1.00	30.00	PASS
		1	1	DFT_QAM64	17.95	2.55	20.50	1.00	30.00	PASS



		1	1	DFT_QAM256	15.93	2.55	18.48	1.00	30.00	PASS
		1	1	CP_QPSK	19.01	2.55	21.56	1.00	30.00	PASS

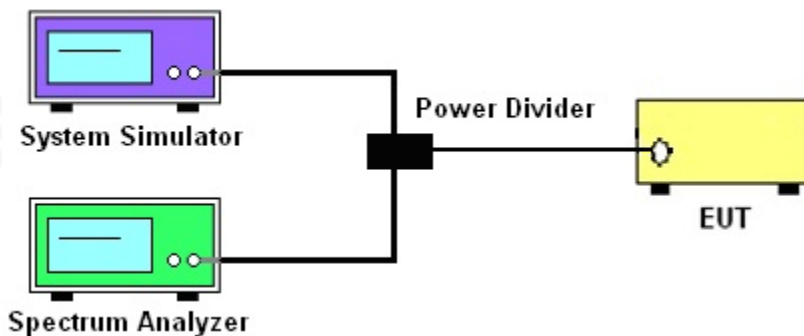
4. PEAK-TO-AVERAGE RATIO

4.1 DESCRIPTION OF THE CONDUCTED OUTPUT POWER MEASUREMENT

4.1.1 MEASUREMENT METHOD

Use one of the procedures presented in 4.1.3 to measure the total peak power and record as PPK. Use one of the applicable procedures presented 4.1.3 to measure the total average power and record as PAvg. Both the peak and average power levels must be expressed in the same logarithmic units (e.g., dBm). Determine the PAPR from:
 $PAPR\ (dB) = PPK\ (dBm) - PAvg\ (dBm)$.

4.1.2 TEST SETUP



4.1.3 TEST PROCEDURES

1. The testing follows FCC KDB 971168 D01 v03r01 Section 5.7 and ANSI C63.26 2015 Section 5.2.6.
2. The EUT was connected to spectrum and system simulator via a power divider
3. Select lowest, middle, and highest channels for each band and different modulation.
4. Set the test probe and measure the peak and average power of the spectrum analyzer
5. Record the deviation as Peak to Average Ratio.

4.1.4 TEST RESULTS

Note: The test data please reference to attachment "STS2602018W02_Appendix SA".

5. OCCUPIED BANDWIDTH

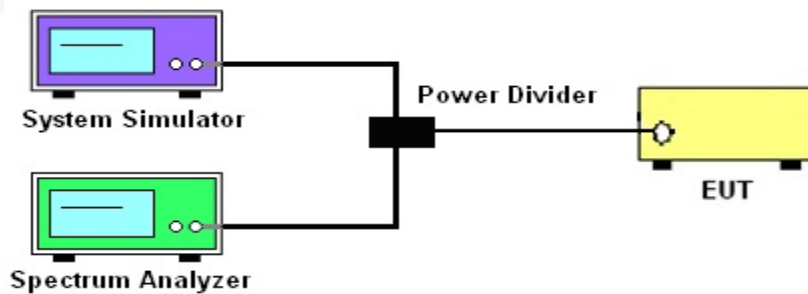
5.1 DESCRIPTION OF OCCUPIED BANDWIDTH MEASUREMENT

5.1.1 MEASUREMENT METHOD

1. The occupied bandwidth is the width of a frequency band such that, below the lower and above the upper frequency limits, the mean powers emitted are each equal to a specified percentage 0.5% of the total mean transmitted power.

2. The 26 db emission bandwidth is defined as the frequency range between two points, one above and one below the carrier frequency, at which the spectral density of the emission is attenuated 26 db below the maximum in-band spectral density of the modulated signal. spectral density (power per unit bandwidth) is to be measured with a detector of resolution bandwidth equal to approximately 1.0% of the emission bandwidth.

5.1.2 TEST SETUP



5.1.3 TEST PROCEDURES

1. The testing follows FCC KDB 971168 D01 v03r01 Section 4.2 and 4.3.
2. The EUT was connected to spectrum and system simulator via a power divider
3. Select lowest, middle, and highest channels for each band and different modulation.
4. Set the test probe and measure the Occupied Bandwidth of the spectrum analyzer
5. Measure and record the Occupied Bandwidth from the Spectrum Analyzer.

5.1.4 MEASUREMENT RESULT

Note: The test data please reference to attachment "STS2602018W02_Appendix SA".



6. CONDUCTED BAND EDGE

6.1 DESCRIPTION OF CONDUCTED BAND EDGE MEASUREMENT

6.1.1 MEASUREMENT METHOD

1. §22.917(a)

For operations in the 824 – 849 MHz band, the FCC limit is $43 + 10\log_{10}(P[\text{Watts}])$ dB below the transmitter power $P(\text{Watts})$ in a 100kHz bandwidth. However, in the 1MHz 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.

2. §24.238 (a)

For operations in the 1850-1910 and 1930-1990 MHz band, the FCC limit is $43 + 10\log_{10}(P[\text{Watts}])$ dB below the transmitter power $P(\text{Watts})$ in a 1MHz bandwidth. However, in the 1 MHz bands immediately outside and adjacent to the frequency block a resolution bandwidth of at least one percent of the emission bandwidth of the fundamental emission of the transmitter may be employed

3. §27.53 (h)

For operations in the 1710 – 1755 MHz band, the FCC limit is $43 + 10\log_{10}(P[\text{Watts}])$ dB below the transmitter power $P(\text{Watts})$ in a 1 MHz bandwidth. However, in the 1MHz 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.

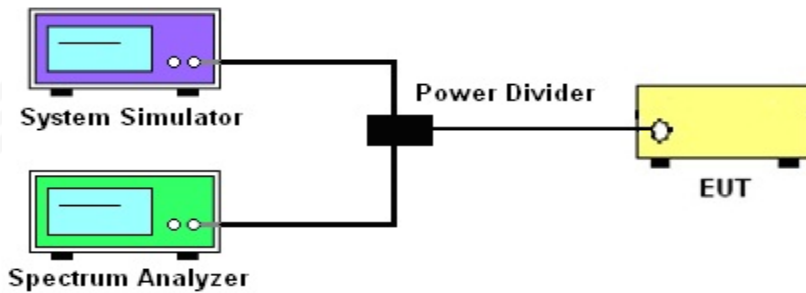
4. §27.53(m)(4)

For operations in the 2500 MHz ~ 2570 MHz band this section, the attenuation factor shall be not less than $40 + 10 \log (P)$ dB on all frequencies between the channel edge and 5 megahertz from the channel edge, $43 + 10 \log (P)$ dB on all frequencies between 5 megahertz and X megahertz from the channel edge, and $55 + 10 \log (P)$ dB on all frequencies more than X megahertz from the channel edge, where X is the greater of 6 megahertz or the actual emission bandwidth as defined in paragraph (m)(6) of this section. In addition, the attenuation factor shall not be less that $43 + 10 \log (P)$ dB on all frequencies between 2490.5 MHz and 2496 MHz and $55 + 10 \log (P)$ dB at or below 2490.5 MHz. Mobile Satellite Service licensees operating on frequencies below 2495 MHz may also submit a documented interference complaint against BRS licensees operating on channel BRS Channel 1 on the same terms and conditions as adjacent channel BRS or EBS licensees.

5. §27.53 (g)

For operations in the 698 -746 MHz band, the FCC limit is $43 + 10\log_{10}(P[\text{Watts}])$ dB below the transmitter power $P(\text{Watts})$ in a 100 kHz bandwidth. However, in the 100 kilohertz bands immediately outside and adjacent to a licensee's frequency block, a resolution bandwidth of at least 30 kHz may be employed.

6.1.2 TEST SETUP



6.1.3 TEST PROCEDURES

1. The testing FCC KDB 971168 D01 v03r01 Section 6.0 and ANSI C63.26 2015 Section 5.7.
2. The EUT was connected to spectrum analyzer and system simulator via a power divider.
3. The band edges of low and high channels for the highest RF powers were measured. Set RBW $\geq 1\%$ EBW in the 1MHz band immediately outside and adjacent to the band edge.
4. Set spectrum analyzer with RMS/AVG detector.
5. The RF fundamental frequency should be excluded against the limit line in the operating frequency band.
6. The limit line is derived from $43 + 10\log(P)$ dB below the transmitter power P(Watts)
 $= P(W) - [43 + 10\log(P)]$ (dB)
 $= [30 + 10\log(P)]$ (dBm) - $[43 + 10\log(P)]$ (dB)
 $= -13$ dBm.

Band 7:

$$\begin{aligned}
 &= P(W) - [55 + 10\log(P)] \text{ (dB)} \\
 &= [30 + 10\log(P)] \text{ (dBm)} - [55 + 10\log(P)] \text{ (dB)} \\
 &= -25 \text{ dBm.}
 \end{aligned}$$

6.1.4 MEASUREMENT RESULT

Note: The test data please reference to attachment "STS2602018W02_Appendix SA".

7. CONDUCTED SPURIOUS EMISSION

7.1 DESCRIPTION OF CONDUCTED SPURIOUS EMISSION MEASUREMENT

7.1.1 MEASUREMENT METHOD

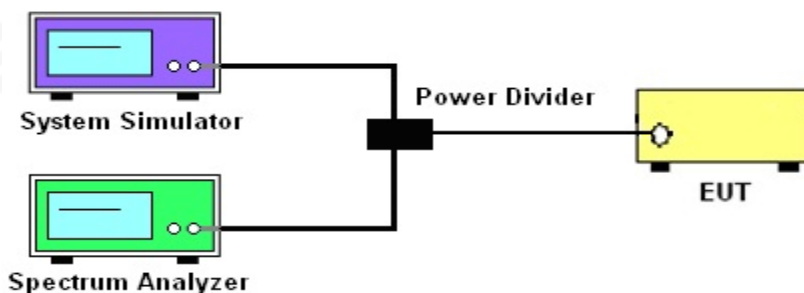
The power of any emission outside of the authorized operating frequency ranges must be lower than the transmitter power (P) by a factor of at least $43 + 10 \log (P)$ dB.

For Band 7:

The power of any emission outside of the authorized operating frequency ranges must be lower than the transmitter power (P) by a factor of at least $55 + 10 \log (P)$ dB.

It is measured by means of a calibrated spectrum analyzer and scanned from 30 MHz up to a frequency including its 10th harmonic.

7.1.2 TEST SETUP



7.1.3 TEST PROCEDURES

1. The testing FCC KDB 971168 D01 v03r01 Section 6.0 and ANSI C63.26 2015 Section 5.7.
2. The EUT was connected to spectrum analyzer and system simulator via a power divider.
3. The RF output of EUT was connected to the spectrum analyzer by RF cable and attenuator. The path loss was compensated to the results for each measurement
4. Make the measurement with the spectrum analyzer's RBW = 1MHz, VBW = 3MHz, taking the record of maximum spurious emission.
5. The RF fundamental frequency should be excluded against the limit line in the operating frequency band.
6. The limit line is derived from $43 + 10\log(P)$ dB below the transmitter power P(Watts)
 $= P(W) - [43 + 10\log(P)] \text{ (dB)} = [30 + 10\log(P)] \text{ (dBm)} - [43 + 10\log(P)] \text{ (dB)}$
 $= -13\text{dBm}.$
For Band 7: $P(W) - [43 + 10\log(P)] \text{ (dB)} = -25\text{dBm}$

7.1.4 TEST RESULTS

Note: The test data please reference to attachment "STS2602018W02_Appendix SA".

8. RADIATED SPURIOUS EMISSION

8.1 DESCRIPTION OF RADIATED SPURIOUS EMISSION

8.1.1 MEASUREMENT METHOD

The radiated spurious emission was measured by substitution method according to ANSI C63.26 2015. The power of any emission outside of the authorized operating frequency ranges must be attenuated below the transmitter power (P) by a factor of at least $43 + 10 \log (P)$ dB. For Band 7 The power of any emission outside of the authorized operating frequency ranges must be attenuated below the transmitter power (P) by a factor of at least $55 + 10 \log (P)$ dB. The spectrum is scanned from 30 MHz up to a frequency including its 10th harmonic.

8.1.2 TEST SETUP

The procedure of radiated spurious emissions is as follows:

a) Pre-calibration With pre-calibration method, the Radiated Spurious Emissions(RSE) is calculated as, $RSE = Rx (dBuV) + CL (dB) + SA (dB) + Gain (dBi) - 107 (dBuV \text{ to } dBm)$ The SA is calibrated using following setup.

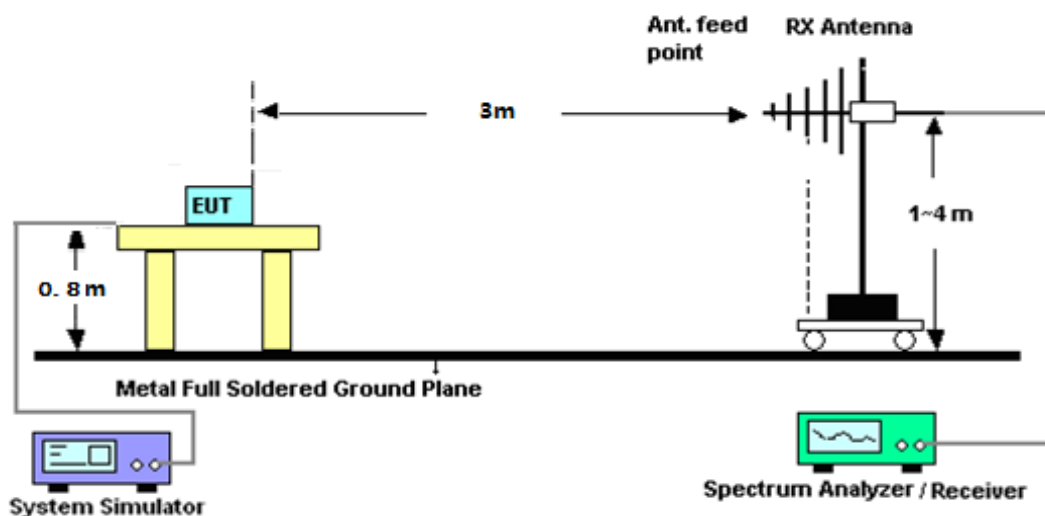
b) EUT was placed on 1.5 m non-conductive stand at a 3 m test distance from the receive antenna. A receiving antenna was placed on the antenna mast 3 m from the test item for emission measurements. The height of receiving antenna is 0.8m. The test setup refers to figure below. Detected emissions were maximized at each frequency by rotating the test item and adjusting the receiving antenna polarization. The radiated emission measurements of all non-harmonic and harmonics of the transmit frequency through the 10th harmonic measured with peak detector and 1MHz bandwidth.

Radiated emissions measurements were made only at the upper, middle, and lower carrier frequencies It was decided that measurements at these three carrier frequencies would be sufficient to demonstrate compliance with emissions limits because it was seen that all the significant spurs occur well outside the band and no radiation was seen from a carrier in one block of any band into any of the other blocks.

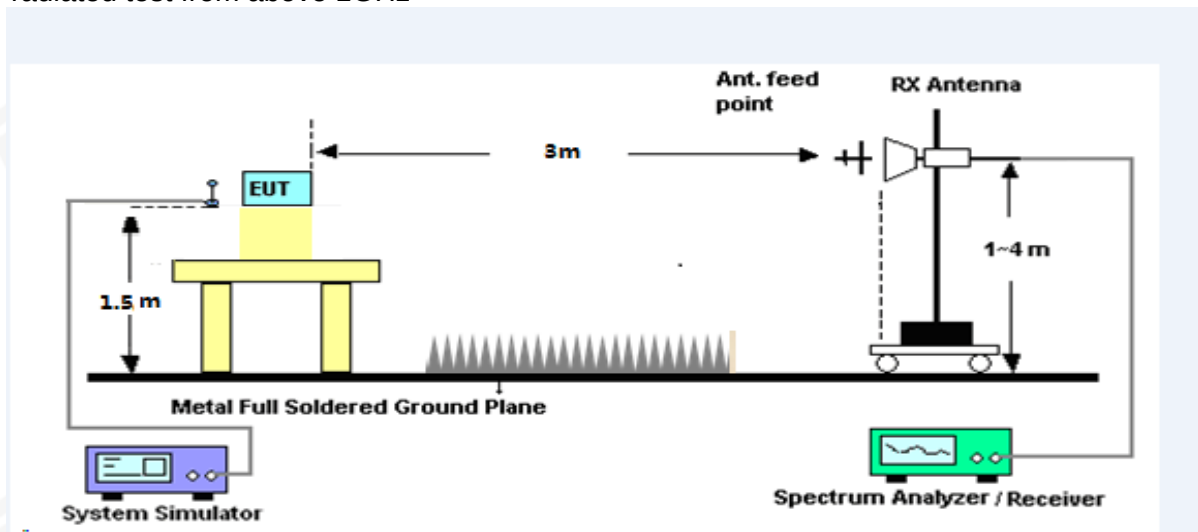
The substitution method is used. Substitution values at each frequency are measured before and saved to the test software. A "reference path loss" is established and the ARpl is the attenuation of "reference path loss", and including the gain of receive antenna, the gain of the preamplifier, the cable loss and the air loss. The measurement results are obtained as described below:

Power=PMea+ARpl

For radiated test from 30MHz to 1GHz



For radiated test from above 1GHz



8.1.3 TEST PROCEDURES

1. The testing FCC KDB 971168 D01 Section 7 and ANSI C63.26 2015 Section 5.5.
2. The EUT was placed on a rotatable wooden table with 1.5 meter above ground.
3. The EUT was set 3 meters from the receiving antenna, which was mounted on the antenna tower.
4. The table was rotated 360 degrees to determine the position of the highest spurious emission.
5. The height of the receiving antenna is varied between one meter and four meters to search the maximum spurious emission for both horizontal and vertical polarizations
6. Make the measurement with the spectrum analyzer's RBW = 1MHz, VBW = 3MHz, taking the record of maximum spurious emission.
7. A horn antenna was substituted in place of the EUT and was driven by a signal generator.
8. Tune the output power of signal generator to the same emission level with EUT maximum spurious emission.
9. Taking the record of output power at antenna port.
10. Repeat step 7 to step 8 for another polarization.
11. The RF fundamental frequency should be excluded against the limit line in the operating frequency band.

The limit line is derived from $43 + 10\log(P)$ dB below the transmitter power P(Watts)
 $= P(W) - [43 + 10\log(P)]$ (dB)
 $= [30 + 10\log(P)]$ (dBm) - $[43 + 10\log(P)]$ (dB)
 $= -13$ dBm

For Band 7:

The limit line is derived from $55 + 10\log(P)$ dB below the transmitter power P(Watts)
 $= [30 + 10\log(P)]$ (dBm) - $[55 + 10\log(P)]$ (dB)
 $= -25$ dBm

EIRP (dBm) = S.G. Power – Tx Cable Loss + Tx Antenna Gain

ERP (dBm) = EIRP - 2.15



8.1.4 TEST RESULTS

NR n2 / 5MHz / QPSK / RB Size 1 Offset 1/ The Worst Test Results for Lowest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
3705.38	-34.48	12.60	12.93	-34.81	-13.00	-21.81	H
5557.49	-34.65	13.10	17.11	-38.66	-13.00	-25.66	H
7409.82	-32.47	11.50	22.20	-43.17	-13.00	-30.17	H
3705.38	-35.77	12.60	12.93	-36.10	-13.00	-23.10	V
5557.49	-35.23	13.10	17.11	-39.24	-13.00	-26.24	V
7409.82	-32.01	11.50	22.20	-42.71	-13.00	-29.71	V
NR n2 / 5MHz / QPSK / RB Size 1 Offset 1/ The Worst Test Results for Middle							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
3760.04	-33.83	12.60	12.93	-34.16	-13.00	-21.16	H
5639.96	-34.07	13.10	17.11	-38.08	-13.00	-25.08	H
7520.28	-32.73	11.50	22.20	-43.43	-13.00	-30.43	H
3760.04	-35.65	12.60	12.93	-35.98	-13.00	-22.98	V
5639.96	-34.34	13.10	17.11	-38.35	-13.00	-25.35	V
7520.28	-32.53	11.50	22.20	-43.23	-13.00	-30.23	V
NR n2 / 5MHz / QPSK / RB Size 1 Offset 1/ The Worst Test Results for Highest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
3815.30	-33.95	12.60	12.93	-34.28	-13.00	-21.28	H
5722.21	-34.81	13.10	17.11	-38.82	-13.00	-25.82	H
7629.91	-33.00	11.50	22.20	-43.70	-13.00	-30.70	H
3815.30	-34.55	12.60	12.93	-34.88	-13.00	-21.88	V
5722.21	-34.83	13.10	17.11	-38.84	-13.00	-25.84	V
7629.91	-31.97	11.50	22.20	-42.67	-13.00	-29.67	V



NR n2 / 10MHz / QPSK / RB Size 1 Offset 1/ The Worst Test Results for Lowest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
3710.44	-34.74	12.60	12.93	-35.07	-13.00	-22.07	H
5565.37	-35.03	13.10	17.11	-39.04	-13.00	-26.04	H
7420.16	-32.84	11.50	22.20	-43.54	-13.00	-30.54	H
3710.44	-35.40	12.60	12.93	-35.73	-13.00	-22.73	V
5565.37	-34.21	13.10	17.11	-38.22	-13.00	-25.22	V
7420.16	-32.43	11.50	22.20	-43.13	-13.00	-30.13	V
NR n2 / 10MHz / QPSK / RB Size 1 Offset 1/ The Worst Test Results for Middle							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
3760.22	-33.75	12.60	12.93	-34.08	-13.00	-21.08	H
5639.98	-34.45	13.10	17.11	-38.46	-13.00	-25.46	H
7520.13	-32.17	11.50	22.20	-42.87	-13.00	-29.87	H
3760.22	-35.59	12.60	12.93	-35.92	-13.00	-22.92	V
5639.98	-34.78	13.10	17.11	-38.79	-13.00	-25.79	V
7520.13	-32.16	11.50	22.20	-42.86	-13.00	-29.86	V
NR n2 / 10MHz / QPSK / RB Size 1 Offset 1/ The Worst Test Results for Highest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
3810.10	-34.18	12.60	12.93	-34.51	-13.00	-21.51	H
5714.96	-34.47	13.10	17.11	-38.48	-13.00	-25.48	H
7619.88	-32.28	11.50	22.20	-42.98	-13.00	-29.98	H
3810.10	-34.70	12.60	12.93	-35.03	-13.00	-22.03	V
5714.96	-34.86	13.10	17.11	-38.87	-13.00	-25.87	V
7619.88	-33.15	11.50	22.20	-43.85	-13.00	-30.85	V



NR n2 / 15MHz / QPSK / RB Size 1 Offset 1/ The Worst Test Results for Lowest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
3715.27	-34.61	12.60	12.93	-34.94	-13.00	-21.94	H
5572.55	-35.14	13.10	17.11	-39.15	-13.00	-26.15	H
7430.47	-33.38	11.50	22.20	-44.08	-13.00	-31.08	H
3715.27	-34.83	12.60	12.93	-35.16	-13.00	-22.16	V
5572.55	-33.91	13.10	17.11	-37.92	-13.00	-24.92	V
7430.47	-32.92	11.50	22.20	-43.62	-13.00	-30.62	V
NR n2 / 15MHz / QPSK / RB Size 1 Offset 1/ The Worst Test Results for Middle							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
3760.08	-34.38	12.60	12.93	-34.71	-13.00	-21.71	H
5639.89	-34.97	13.10	17.11	-38.98	-13.00	-25.98	H
7519.82	-32.39	11.50	22.20	-43.09	-13.00	-30.09	H
3760.08	-34.64	12.60	12.93	-34.97	-13.00	-21.97	V
5639.89	-35.21	13.10	17.11	-39.22	-13.00	-26.22	V
7519.82	-33.18	11.50	22.20	-43.88	-13.00	-30.88	V
NR n2 / 15MHz / QPSK / RB Size 1 Offset 1/ The Worst Test Results for Highest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
3805.31	-34.38	12.60	12.93	-34.71	-13.00	-21.71	H
5707.33	-34.28	13.10	17.11	-38.29	-13.00	-25.29	H
7610.16	-33.61	11.50	22.20	-44.31	-13.00	-31.31	H
3805.31	-35.23	12.60	12.93	-35.56	-13.00	-22.56	V
5707.33	-34.22	13.10	17.11	-38.23	-13.00	-25.23	V
7610.16	-33.08	11.50	22.20	-43.78	-13.00	-30.78	V



NR n2 / 20MHz / QPSK / RB Size 1 Offset 1/ The Worst Test Results for Lowest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
3720.37	-33.80	12.60	12.93	-34.13	-13.00	-21.13	H
5580.24	-34.02	13.10	17.11	-38.03	-13.00	-25.03	H
7440.10	-32.74	11.50	22.20	-43.44	-13.00	-30.44	H
3720.37	-35.87	12.60	12.93	-36.20	-13.00	-23.20	V
5580.24	-34.93	13.10	17.11	-38.94	-13.00	-25.94	V
7440.10	-33.08	11.50	22.20	-43.78	-13.00	-30.78	V
NR n2 / 20MHz / QPSK / RB Size 1 Offset 1/ The Worst Test Results for Middle							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
3760.18	-33.48	12.60	12.93	-33.81	-13.00	-20.81	H
5639.88	-35.34	13.10	17.11	-39.35	-13.00	-26.35	H
7520.03	-33.54	11.50	22.20	-44.24	-13.00	-31.24	H
3760.18	-35.30	12.60	12.93	-35.63	-13.00	-22.63	V
5639.88	-34.13	13.10	17.11	-38.14	-13.00	-25.14	V
7520.03	-32.56	11.50	22.20	-43.26	-13.00	-30.26	V
NR n2 / 20MHz / QPSK / RB Size 1 Offset 1/ The Worst Test Results for Highest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
3799.81	-34.10	12.60	12.93	-34.43	-13.00	-21.43	H
5699.79	-34.09	13.10	17.11	-38.10	-13.00	-25.10	H
7599.91	-33.46	11.50	22.20	-44.16	-13.00	-31.16	H
3799.81	-35.73	12.60	12.93	-36.06	-13.00	-23.06	V
5699.79	-34.29	13.10	17.11	-38.30	-13.00	-25.30	V
7599.91	-32.37	11.50	22.20	-43.07	-13.00	-30.07	V



NR n5 / 5MHz / QPSK / RB Size 1 Offset 1/ The Worst Test Results for Lowest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
1652.40	-34.68	9.56	9.72	-34.84	-13.00	-21.84	H
2478.96	-35.49	10.50	10.86	-35.85	-13.00	-22.85	H
3305.43	-32.85	12.78	11.57	-31.64	-13.00	-18.64	H
1652.40	-34.75	9.56	9.72	-34.91	-13.00	-21.91	V
2478.96	-34.35	10.50	10.86	-34.71	-13.00	-21.71	V
3305.43	-33.06	12.78	11.57	-31.85	-13.00	-18.85	V
NR n5 / 5MHz / QPSK / RB Size 1 Offset 1/ The Worst Test Results for Middle							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
1672.58	-33.52	9.56	9.72	-33.68	-13.00	-20.68	H
2508.60	-34.35	10.50	10.86	-34.71	-13.00	-21.71	H
3345.64	-32.59	12.78	11.57	-31.38	-13.00	-18.38	H
1672.58	-35.94	9.56	9.72	-36.10	-13.00	-23.10	V
2508.60	-33.76	10.50	10.86	-34.12	-13.00	-21.12	V
3345.64	-32.36	12.78	11.57	-31.15	-13.00	-18.15	V
NR n5 / 5MHz / QPSK / RB Size 1 Offset 1/ The Worst Test Results for Highest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
1692.33	-33.70	9.56	9.72	-33.86	-13.00	-20.86	H
2538.57	-35.22	10.50	10.86	-35.58	-13.00	-22.58	H
3385.81	-32.28	12.78	11.57	-31.07	-13.00	-18.07	H
1692.33	-35.12	9.56	9.72	-35.28	-13.00	-22.28	V
2538.57	-35.22	10.50	10.86	-35.58	-13.00	-22.58	V
3385.81	-32.08	12.78	11.57	-30.87	-13.00	-17.87	V



NR n5 / 10MHz / QPSK / RB Size 1 Offset 1/ The Worst Test Results for Lowest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
1657.60	-33.99	9.56	9.72	-34.15	-13.00	-21.15	H
2486.54	-35.22	10.50	10.86	-35.58	-13.00	-22.58	H
3315.22	-33.63	12.78	11.57	-32.42	-13.00	-19.42	H
1657.60	-34.70	9.56	9.72	-34.86	-13.00	-21.86	V
2486.54	-33.85	10.50	10.86	-34.21	-13.00	-21.21	V
3315.22	-32.70	12.78	11.57	-31.49	-13.00	-18.49	V
NR n5 / 10MHz / QPSK / RB Size 1 Offset 1/ The Worst Test Results for Middle							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
1672.54	-33.59	9.56	9.72	-33.75	-13.00	-20.75	H
2508.84	-34.04	10.50	10.86	-34.40	-13.00	-21.40	H
3345.03	-32.77	12.78	11.57	-31.56	-13.00	-18.56	H
1672.54	-35.95	9.56	9.72	-36.11	-13.00	-23.11	V
2508.84	-33.97	10.50	10.86	-34.33	-13.00	-21.33	V
3345.03	-31.81	12.78	11.57	-30.60	-13.00	-17.60	V
NR n5 / 10MHz / QPSK / RB Size 1 Offset 1/ The Worst Test Results for Highest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
1687.43	-33.97	9.56	9.72	-34.13	-13.00	-21.13	H
2531.34	-35.03	10.50	10.86	-35.39	-13.00	-22.39	H
3375.54	-32.41	12.78	11.57	-31.20	-13.00	-18.20	H
1687.43	-34.81	9.56	9.72	-34.97	-13.00	-21.97	V
2531.34	-34.88	10.50	10.86	-35.24	-13.00	-22.24	V
3375.54	-33.16	12.78	11.57	-31.95	-13.00	-18.95	V



NR n5 / 15MHz / QPSK / RB Size 1 Offset 1/ The Worst Test Results for Lowest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
1663.70	-34.54	9.56	9.72	-34.70	-13.00	-21.70	H
2494.38	-34.86	10.50	10.86	-35.22	-13.00	-22.22	H
3326.47	-32.44	12.78	11.57	-31.23	-13.00	-18.23	H
1663.70	-35.87	9.56	9.72	-36.03	-13.00	-23.03	V
2494.38	-34.30	10.50	10.86	-34.66	-13.00	-21.66	V
3326.47	-32.82	12.78	11.57	-31.61	-13.00	-18.61	V
NR n5 / 15MHz / QPSK / RB Size 1 Offset 1/ The Worst Test Results for Middle							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
1672.48	-33.71	9.56	9.72	-33.87	-13.00	-20.87	H
2509.11	-34.93	10.50	10.86	-35.29	-13.00	-22.29	H
3345.43	-33.05	12.78	11.57	-31.84	-13.00	-18.84	H
1672.48	-34.94	9.56	9.72	-35.10	-13.00	-22.10	V
2509.11	-34.02	10.50	10.86	-34.38	-13.00	-21.38	V
3345.43	-33.16	12.78	11.57	-31.95	-13.00	-18.95	V
NR n5 / 15MHz / QPSK / RB Size 1 Offset 1/ The Worst Test Results for Highest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
1683.01	-34.57	9.56	9.72	-34.73	-13.00	-21.73	H
2524.90	-34.44	10.50	10.86	-34.80	-13.00	-21.80	H
3365.85	-32.53	12.78	11.57	-31.32	-13.00	-18.32	H
1683.01	-34.83	9.56	9.72	-34.99	-13.00	-21.99	V
2524.90	-34.12	10.50	10.86	-34.48	-13.00	-21.48	V
3365.85	-32.93	12.78	11.57	-31.72	-13.00	-18.72	V



NR n5 / 20MHz / QPSK / RB Size 1 Offset 1/ The Worst Test Results for Lowest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
1668.05	-34.77	9.56	9.72	-34.93	-13.00	-21.93	H
2502.11	-34.34	10.50	10.86	-34.70	-13.00	-21.70	H
3335.95	-33.57	12.78	11.57	-32.36	-13.00	-19.36	H
1668.05	-35.93	9.56	9.72	-36.09	-13.00	-23.09	V
2502.11	-34.10	10.50	10.86	-34.46	-13.00	-21.46	V
3335.95	-33.06	12.78	11.57	-31.85	-13.00	-18.85	V
NR n5 / 20MHz / QPSK / RB Size 1 Offset 1/ The Worst Test Results for Middle							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
1672.48	-33.58	9.56	9.72	-33.74	-13.00	-20.74	H
2509.09	-35.27	10.50	10.86	-35.63	-13.00	-22.63	H
3345.88	-33.34	12.78	11.57	-32.13	-13.00	-19.13	H
1672.48	-35.57	9.56	9.72	-35.73	-13.00	-22.73	V
2509.09	-33.81	10.50	10.86	-34.17	-13.00	-21.17	V
3345.88	-31.74	12.78	11.57	-30.53	-13.00	-17.53	V
NR n5 / 20MHz / QPSK / RB Size 1 Offset 1/ The Worst Test Results for Highest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
1678.03	-34.24	9.56	9.72	-34.40	-13.00	-21.40	H
2516.72	-34.14	10.50	10.86	-34.50	-13.00	-21.50	H
3355.75	-32.16	12.78	11.57	-30.95	-13.00	-17.95	H
1678.03	-34.90	9.56	9.72	-35.06	-13.00	-22.06	V
2516.72	-33.75	10.50	10.86	-34.11	-13.00	-21.11	V
3355.75	-32.22	12.78	11.57	-31.01	-13.00	-18.01	V



NR n7 / 5MHz / QPSK / RB Size 1 Offset 1/ The Worst Test Results for Lowest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
5004.97	-34.58	12.66	15.86	-37.78	-25.00	-12.78	H
7507.69	-35.41	11.46	19.28	-43.23	-25.00	-18.23	H
10010.41	-33.51	12.79	23.19	-43.91	-25.00	-18.91	H
5004.97	-35.11	12.66	15.86	-38.31	-25.00	-13.31	V
7507.69	-34.70	11.46	19.28	-42.52	-25.00	-17.52	V
10010.41	-32.32	12.79	23.19	-42.72	-25.00	-17.72	V
NR n7 / 5MHz / QPSK / RB Size 1 Offset 1/ The Worst Test Results for Middle							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
5070.03	-34.31	12.72	15.86	-37.45	-25.00	-12.45	H
7604.84	-35.02	11.46	19.28	-42.84	-25.00	-17.84	H
10139.77	-32.17	12.09	23.19	-43.27	-25.00	-18.27	H
5070.03	-35.65	12.72	15.86	-38.79	-25.00	-13.79	V
7604.84	-33.94	11.46	19.28	-41.76	-25.00	-16.76	V
10139.77	-32.20	12.09	23.19	-43.30	-25.00	-18.30	V
NR n7 / 5MHz / QPSK / RB Size 1 Offset 1/ The Worst Test Results for Highest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
5133.61	-34.79	12.76	15.86	-37.89	-25.00	-12.89	H
7701.58	-34.21	11.45	19.28	-42.04	-25.00	-17.04	H
10268.38	-32.46	12.28	23.19	-43.37	-25.00	-18.37	H
5133.61	-35.60	12.76	15.86	-38.70	-25.00	-13.70	V
7701.58	-34.16	11.45	19.28	-41.99	-25.00	-16.99	V
10268.38	-32.23	12.28	23.19	-43.14	-25.00	-18.14	V



NR n7 / 10MHz / QPSK / RB Size 1 Offset 1/ The Worst Test Results for Lowest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
5010.28	-34.45	12.66	15.86	-37.65	-25.00	-12.65	H
7515.70	-34.60	11.46	19.28	-42.42	-25.00	-17.42	H
10020.59	-32.93	12.79	23.19	-43.33	-25.00	-18.33	H
5010.28	-35.33	12.66	15.86	-38.53	-25.00	-13.53	V
7515.70	-33.88	11.46	19.28	-41.70	-25.00	-16.70	V
10020.59	-31.81	12.79	23.19	-42.21	-25.00	-17.21	V
NR n7 / 10MHz / QPSK / RB Size 1 Offset 1/ The Worst Test Results for Middle							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
5069.60	-33.64	12.72	15.86	-36.78	-25.00	-11.78	H
7604.79	-34.12	11.46	19.28	-41.94	-25.00	-16.94	H
10139.96	-33.08	12.09	23.19	-44.18	-25.00	-19.18	H
5069.60	-34.72	12.72	15.86	-37.86	-25.00	-12.86	V
7604.79	-35.17	11.46	19.28	-42.99	-25.00	-17.99	V
10139.96	-32.68	12.09	23.19	-43.78	-25.00	-18.78	V
NR n7 / 10MHz / QPSK / RB Size 1 Offset 1/ The Worst Test Results for Highest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
5129.10	-34.63	12.76	15.86	-37.73	-25.00	-12.73	H
7693.85	-35.42	11.45	19.28	-43.25	-25.00	-18.25	H
10258.65	-32.29	12.28	23.19	-43.20	-25.00	-18.20	H
5129.10	-34.88	12.76	15.86	-37.98	-25.00	-12.98	V
7693.85	-33.82	11.45	19.28	-41.65	-25.00	-16.65	V
10258.65	-32.43	12.28	23.19	-43.34	-25.00	-18.34	V



NR n7 / 15MHz / QPSK / RB Size 1 Offset 1/ The Worst Test Results for Lowest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
5015.54	-34.51	12.66	15.86	-37.71	-25.00	-12.71	H
7524.13	-34.10	11.46	19.28	-41.92	-25.00	-16.92	H
10031.93	-32.89	12.79	23.19	-43.29	-25.00	-18.29	H
5015.54	-34.77	12.66	15.86	-37.97	-25.00	-12.97	V
7524.13	-33.76	11.46	19.28	-41.58	-25.00	-16.58	V
10031.93	-32.98	12.79	23.19	-43.38	-25.00	-18.38	V
NR n7 / 15MHz / QPSK / RB Size 1 Offset 1/ The Worst Test Results for Middle							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
5069.82	-33.55	12.72	15.86	-36.69	-25.00	-11.69	H
7604.95	-34.84	11.46	19.28	-42.66	-25.00	-17.66	H
10139.98	-32.25	12.09	23.19	-43.35	-25.00	-18.35	H
5069.82	-34.94	12.72	15.86	-38.08	-25.00	-13.08	V
7604.95	-34.14	11.46	19.28	-41.96	-25.00	-16.96	V
10139.98	-32.90	12.09	23.19	-44.00	-25.00	-19.00	V
NR n7 / 15MHz / QPSK / RB Size 1 Offset 1/ The Worst Test Results for Highest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
5123.54	-33.86	12.76	15.86	-36.96	-25.00	-11.96	H
7523.64	-34.11	11.45	19.28	-41.94	-25.00	-16.94	H
10031.88	-32.99	12.28	23.19	-43.90	-25.00	-18.90	H
5123.54	-35.02	12.76	15.86	-38.12	-25.00	-13.12	V
7523.64	-34.35	11.45	19.28	-42.18	-25.00	-17.18	V
10031.88	-31.75	12.28	23.19	-42.66	-25.00	-17.66	V



NR n7 / 20MHz / QPSK / RB Size 1 Offset 1/ The Worst Test Results for Lowest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
5020.91	-33.69	12.66	15.86	-36.89	-25.00	-11.89	H
7530.89	-34.56	11.46	19.28	-42.38	-25.00	-17.38	H
10258.84	-33.63	12.79	23.19	-44.03	-25.00	-19.03	H
5020.91	-35.05	12.66	15.86	-38.25	-25.00	-13.25	V
7530.89	-34.02	11.46	19.28	-41.84	-25.00	-16.84	V
10258.84	-32.03	12.79	23.19	-42.43	-25.00	-17.43	V
NR n7 / 20MHz / QPSK / RB Size 1 Offset 1/ The Worst Test Results for Middle							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
5069.81	-33.93	12.72	15.86	-37.07	-25.00	-12.07	H
7604.86	-35.05	11.46	19.28	-42.87	-25.00	-17.87	H
10139.82	-33.29	12.09	23.19	-44.39	-25.00	-19.39	H
5069.81	-35.04	12.72	15.86	-38.18	-25.00	-13.18	V
7604.86	-34.04	11.46	19.28	-41.86	-25.00	-16.86	V
10139.82	-33.03	12.09	23.19	-44.13	-25.00	-19.13	V
NR n7 / 20MHz / QPSK / RB Size 1 Offset 1/ The Worst Test Results for Highest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
5118.91	-34.24	12.76	15.86	-37.34	-25.00	-12.34	H
7678.47	-35.02	11.45	19.28	-42.85	-25.00	-17.85	H
10237.73	-32.19	12.28	23.19	-43.10	-25.00	-18.10	H
5118.91	-34.96	12.76	15.86	-38.06	-25.00	-13.06	V
7678.47	-34.75	11.45	19.28	-42.58	-25.00	-17.58	V
10237.73	-33.00	12.28	23.19	-43.91	-25.00	-18.91	V



NR n38 / 10MHz / QPSK / RB Size 1 Offset 1/ The Worst Test Results for Lowest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
5150.19	-33.88	12.66	15.86	-37.08	-25.00	-12.08	H
7724.86	-34.98	11.46	19.28	-42.80	-25.00	-17.80	H
10299.95	-32.54	12.79	23.19	-42.94	-25.00	-17.94	H
5150.19	-35.40	12.66	15.86	-38.60	-25.00	-13.60	V
7724.86	-33.98	11.46	19.28	-41.80	-25.00	-16.80	V
10299.95	-33.06	12.79	23.19	-43.46	-25.00	-18.46	V
NR n38 / 10MHz / QPSK / RB Size 1 Offset 1/ The Worst Test Results for Middle							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
5190.27	-34.19	12.72	15.86	-37.33	-25.00	-12.33	H
7785.23	-35.27	11.46	19.28	-43.09	-25.00	-18.09	H
10379.93	-33.19	12.09	23.19	-44.29	-25.00	-19.29	H
5190.27	-35.19	12.72	15.86	-38.33	-25.00	-13.33	V
7785.23	-34.16	11.46	19.28	-41.98	-25.00	-16.98	V
10379.93	-32.44	12.09	23.19	-43.54	-25.00	-18.54	V
NR n38 / 10MHz / QPSK / RB Size 1 Offset 1/ The Worst Test Results for Highest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
5229.99	-34.59	12.76	15.86	-37.69	-25.00	-12.69	H
7845.27	-35.47	11.45	19.28	-43.30	-25.00	-18.30	H
10460.11	-32.99	12.28	23.19	-43.90	-25.00	-18.90	H
5229.99	-35.41	12.76	15.86	-38.51	-25.00	-13.51	V
7845.27	-34.82	11.45	19.28	-42.65	-25.00	-17.65	V
10460.11	-31.92	12.28	23.19	-42.83	-25.00	-17.83	V



NR n38 / 20MHz / QPSK / RB Size 1 Offset 1/ The Worst Test Results for Lowest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
5159.91	-34.23	12.66	15.86	-37.43	-25.00	-12.43	H
7740.07	-34.01	11.46	19.28	-41.83	-25.00	-16.83	H
10319.86	-32.29	12.79	23.19	-42.69	-25.00	-17.69	H
5159.91	-34.59	12.66	15.86	-37.79	-25.00	-12.79	V
7740.07	-34.41	11.46	19.28	-42.23	-25.00	-17.23	V
10319.86	-32.22	12.79	23.19	-42.62	-25.00	-17.62	V
NR n38 / 20MHz / QPSK / RB Size 1 Offset 1/ The Worst Test Results for Middle							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
5190.03	-34.57	12.72	15.86	-37.71	-25.00	-12.71	H
7785.20	-34.18	11.46	19.28	-42.00	-25.00	-17.00	H
10380.16	-33.06	12.09	23.19	-44.16	-25.00	-19.16	H
5190.03	-35.31	12.72	15.86	-38.45	-25.00	-13.45	V
7785.20	-34.23	11.46	19.28	-42.05	-25.00	-17.05	V
10380.16	-32.70	12.09	23.19	-43.80	-25.00	-18.80	V
NR n38 / 20MHz / QPSK / RB Size 1 Offset 1/ The Worst Test Results for Highest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
5219.82	-33.66	12.76	15.86	-36.76	-25.00	-11.76	H
7829.88	-35.17	11.45	19.28	-43.00	-25.00	-18.00	H
10439.87	-32.76	12.28	23.19	-43.67	-25.00	-18.67	H
5219.82	-36.02	12.76	15.86	-39.12	-25.00	-14.12	V
7829.88	-34.33	11.45	19.28	-42.16	-25.00	-17.16	V
10439.87	-32.61	12.28	23.19	-43.52	-25.00	-18.52	V



NR n38 / 40MHz / QPSK / RB Size 1 Offset 1/ The Worst Test Results for Lowest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
5180.30	-33.56	12.66	15.86	-36.76	-25.00	-11.76	H
7770.06	-35.02	11.46	19.28	-42.84	-25.00	-17.84	H
10359.94	-33.26	12.79	23.19	-43.66	-25.00	-18.66	H
5180.30	-34.68	12.66	15.86	-37.88	-25.00	-12.88	V
7770.06	-34.25	11.46	19.28	-42.07	-25.00	-17.07	V
10359.94	-32.29	12.79	23.19	-42.69	-25.00	-17.69	V
NR n38 / 40MHz / QPSK / RB Size 1 Offset 1/ The Worst Test Results for Middle							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
5190.19	-33.83	12.72	15.86	-36.97	-25.00	-11.97	H
7785.12	-34.09	11.46	19.28	-41.91	-25.00	-16.91	H
10380.13	-33.54	12.09	23.19	-44.64	-25.00	-19.64	H
5190.19	-34.88	12.72	15.86	-38.02	-25.00	-13.02	V
7785.12	-34.34	11.46	19.28	-42.16	-25.00	-17.16	V
10380.13	-32.51	12.09	23.19	-43.61	-25.00	-18.61	V
NR n38 / 40MHz / QPSK / RB Size 1 Offset 1/ The Worst Test Results for Highest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
5200.22	-33.61	12.76	15.86	-36.71	-25.00	-11.71	H
7800.09	-34.35	11.45	19.28	-42.18	-25.00	-17.18	H
10400.13	-33.00	12.28	23.19	-43.91	-25.00	-18.91	H
5200.22	-35.57	12.76	15.86	-38.67	-25.00	-13.67	V
7800.09	-34.61	11.45	19.28	-42.44	-25.00	-17.44	V
10400.13	-32.43	12.28	23.19	-43.34	-25.00	-18.34	V



NR n41 / 10MHz / QPSK / RB Size 1 Offset 1/ The Worst Test Results for Lowest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
5012.44	-33.69	12.66	15.86	-36.89	-25.00	-11.89	H
7518.10	-34.67	11.46	19.28	-42.49	-25.00	-17.49	H
10024.25	-33.09	12.79	23.19	-43.49	-25.00	-18.49	H
5012.44	-35.57	12.66	15.86	-38.77	-25.00	-13.77	V
7518.10	-34.13	11.46	19.28	-41.95	-25.00	-16.95	V
10024.25	-32.29	12.79	23.19	-42.69	-25.00	-17.69	V
NR n41 / 10MHz / QPSK / RB Size 1 Offset 1/ The Worst Test Results for Middle							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
5185.82	-33.52	12.72	15.86	-36.66	-25.00	-11.66	H
7779.03	-35.01	11.46	19.28	-42.83	-25.00	-17.83	H
10372.25	-32.89	12.09	23.19	-43.99	-25.00	-18.99	H
5185.82	-34.70	12.72	15.86	-37.84	-25.00	-12.84	V
7779.03	-34.91	11.46	19.28	-42.73	-25.00	-17.73	V
10372.25	-32.89	12.09	23.19	-43.99	-25.00	-18.99	V
NR n41 / 10MHz / QPSK / RB Size 1 Offset 1/ The Worst Test Results for Highest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
5359.84	-33.61	12.76	15.86	-36.71	-25.00	-11.71	H
8040.32	-34.37	11.45	19.28	-42.20	-25.00	-17.20	H
10720.14	-32.33	12.28	23.19	-43.24	-25.00	-18.24	H
5359.84	-35.35	12.76	15.86	-38.45	-25.00	-13.45	V
8040.32	-34.87	11.45	19.28	-42.70	-25.00	-17.70	V
10720.14	-32.68	12.28	23.19	-43.59	-25.00	-18.59	V



NR n41 / 50MHz / QPSK / RB Size 1 Offset 1/ The Worst Test Results for Lowest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
5001.49	-34.16	12.66	15.86	-37.36	-25.00	-12.36	H
7502.73	-35.38	11.46	19.28	-43.20	-25.00	-18.20	H
10004.37	-33.07	12.79	23.19	-43.47	-25.00	-18.47	H
5001.49	-34.61	12.66	15.86	-37.81	-25.00	-12.81	V
7502.73	-33.88	11.46	19.28	-41.70	-25.00	-16.70	V
10004.37	-33.01	12.79	23.19	-43.41	-25.00	-18.41	V
NR n41 / 50MHz / QPSK / RB Size 1 Offset 1/ The Worst Test Results for Middle							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
5186.76	-34.80	12.72	15.86	-37.94	-25.00	-12.94	H
7779.73	-34.37	11.46	19.28	-42.19	-25.00	-17.19	H
10371.12	-32.77	12.09	23.19	-43.87	-25.00	-18.87	H
5186.76	-35.30	12.72	15.86	-38.44	-25.00	-13.44	V
7779.73	-34.09	11.46	19.28	-41.91	-25.00	-16.91	V
10371.12	-32.12	12.09	23.19	-43.22	-25.00	-18.22	V
NR n41 / 50MHz / QPSK / RB Size 1 Offset 1/ The Worst Test Results for Highest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
5370.22	-33.68	12.76	15.86	-36.78	-25.00	-11.78	H
8055.88	-34.61	11.45	19.28	-42.44	-25.00	-17.44	H
10740.66	-33.38	12.28	23.19	-44.29	-25.00	-19.29	H
5370.22	-34.55	12.76	15.86	-37.65	-25.00	-12.65	V
8055.88	-34.60	11.45	19.28	-42.43	-25.00	-17.43	V
10740.66	-32.18	12.28	23.19	-43.09	-25.00	-18.09	V



NR n41 / 100MHz / QPSK / RB Size 1 Offset 1/ The Worst Test Results for Lowest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
5091.63	-34.15	12.66	15.86	-37.35	-25.00	-12.35	H
7638.42	-34.93	11.46	19.28	-42.75	-25.00	-17.75	H
10184.08	-32.99	12.79	23.19	-43.39	-25.00	-18.39	H
5091.63	-34.61	12.66	15.86	-37.81	-25.00	-12.81	V
7638.42	-34.13	11.46	19.28	-41.95	-25.00	-16.95	V
10184.08	-32.16	12.79	23.19	-42.56	-25.00	-17.56	V
NR n41 / 100MHz / QPSK / RB Size 1 Offset 1/ The Worst Test Results for Middle							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
5185.73	-34.05	12.72	15.86	-37.19	-25.00	-12.19	H
7779.03	-34.41	11.46	19.28	-42.23	-25.00	-17.23	H
10372.52	-32.91	12.09	23.19	-44.01	-25.00	-19.01	H
5185.73	-35.67	12.72	15.86	-38.81	-25.00	-13.81	V
7779.03	-34.07	11.46	19.28	-41.89	-25.00	-16.89	V
10372.52	-32.11	12.09	23.19	-43.21	-25.00	-18.21	V
NR n41 / 100MHz / QPSK / RB Size 1 Offset 1/ The Worst Test Results for Highest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
5279.70	-33.44	12.76	15.86	-36.54	-25.00	-11.54	H
7919.98	-34.27	11.45	19.28	-42.10	-25.00	-17.10	H
10560.07	-32.31	12.28	23.19	-43.22	-25.00	-18.22	H
5279.70	-35.93	12.76	15.86	-39.03	-25.00	-14.03	V
7919.98	-35.03	11.45	19.28	-42.86	-25.00	-17.86	V
10560.07	-32.97	12.28	23.19	-43.88	-25.00	-18.88	V



NR n66 / 5MHz / QPSK / RB Size 1 Offset 1/ The Worst Test Results for Lowest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
3425.37	-33.67	12.90	12.56	-33.33	-13.00	-20.33	H
5137.19	-34.99	13.10	16.32	-38.21	-13.00	-25.21	H
6850.09	-33.54	12.33	21.13	-42.34	-13.00	-29.34	H
3425.37	-34.60	12.90	12.56	-34.26	-13.00	-21.26	V
5137.19	-34.30	13.10	16.32	-37.52	-13.00	-24.52	V
6850.09	-32.38	12.33	21.13	-41.18	-13.00	-28.18	V
NR n66 / 5MHz / QPSK / RB Size 1 Offset 1/ The Worst Test Results for Middle							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
3489.93	-33.97	12.90	12.56	-33.63	-13.00	-20.63	H
5234.84	-34.04	13.10	16.32	-37.26	-13.00	-24.26	H
6980.22	-32.89	12.33	21.13	-41.69	-13.00	-28.69	H
3489.93	-35.97	12.90	12.56	-35.63	-13.00	-22.63	V
5234.84	-34.35	13.10	16.32	-37.57	-13.00	-24.57	V
6980.22	-32.25	12.33	21.13	-41.05	-13.00	-28.05	V
NR n66 / 5MHz / QPSK / RB Size 1 Offset 1/ The Worst Test Results for Highest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
3558.22	-33.47	12.90	12.56	-33.13	-13.00	-20.13	H
52353.77	-34.42	13.10	16.32	-37.64	-13.00	-24.64	H
7110.08	-32.58	12.33	21.13	-41.38	-13.00	-28.38	H
3558.22	-35.57	12.90	12.56	-35.23	-13.00	-22.23	V
52353.77	-35.20	13.10	16.32	-38.42	-13.00	-25.42	V
7110.08	-31.82	12.33	21.13	-40.62	-13.00	-27.62	V



NR n66 / 10MHz / QPSK / RB Size 1 Offset 1/ The Worst Test Results for Lowest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
3429.88	-34.70	12.90	12.56	-34.36	-13.00	-21.36	H
5145.18	-35.36	13.10	16.32	-38.58	-13.00	-25.58	H
6880.21	-32.47	12.33	21.13	-41.27	-13.00	-28.27	H
3429.88	-35.79	12.90	12.56	-35.45	-13.00	-22.45	V
5145.18	-33.81	13.10	16.32	-37.03	-13.00	-24.03	V
6880.21	-32.36	12.33	21.13	-41.16	-13.00	-28.16	V
NR n66 / 10MHz / QPSK / RB Size 1 Offset 1/ The Worst Test Results for Middle							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
3490.15	-34.46	12.90	12.56	-34.12	-13.00	-21.12	H
5235.18	-35.44	13.10	16.32	-38.66	-13.00	-25.66	H
6980.10	-33.64	12.33	21.13	-42.44	-13.00	-29.44	H
3490.15	-35.44	12.90	12.56	-35.10	-13.00	-22.10	V
5235.18	-34.86	13.10	16.32	-38.08	-13.00	-25.08	V
6980.10	-32.84	12.33	21.13	-41.64	-13.00	-28.64	V
NR n66 / 10MHz / QPSK / RB Size 1 Offset 1/ The Worst Test Results for Highest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
3550.69	-34.81	12.90	12.56	-34.47	-13.00	-21.47	H
5235.37	-34.63	13.10	16.32	-37.85	-13.00	-24.85	H
7099.90	-32.63	12.33	21.13	-41.43	-13.00	-28.43	H
3550.69	-35.51	12.90	12.56	-35.17	-13.00	-22.17	V
5235.37	-34.57	13.10	16.32	-37.79	-13.00	-24.79	V
7099.90	-33.18	12.33	21.13	-41.98	-13.00	-28.98	V



NR n66 / 15MHz / QPSK / RB Size 1 Offset 1/ The Worst Test Results for Lowest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
3434.94	-34.92	12.90	12.56	-34.58	-13.00	-21.58	H
5152.22	-34.10	13.10	16.32	-37.32	-13.00	-24.32	H
6870.09	-32.54	12.33	21.13	-41.34	-13.00	-28.34	H
3434.94	-35.31	12.90	12.56	-34.97	-13.00	-21.97	V
5152.22	-34.26	13.10	16.32	-37.48	-13.00	-24.48	V
6870.09	-32.77	12.33	21.13	-41.57	-13.00	-28.57	V
NR n66 / 15MHz / QPSK / RB Size 1 Offset 1/ The Worst Test Results for Middle							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
3490.17	-34.69	12.90	12.56	-34.35	-13.00	-21.35	H
5234.90	-35.21	13.10	16.32	-38.43	-13.00	-25.43	H
6980.16	-33.35	12.33	21.13	-42.15	-13.00	-29.15	H
3490.17	-35.40	12.90	12.56	-35.06	-13.00	-22.06	V
5234.90	-34.91	13.10	16.32	-38.13	-13.00	-25.13	V
6980.16	-32.34	12.33	21.13	-41.14	-13.00	-28.14	V
NR n66 / 15MHz / QPSK / RB Size 1 Offset 1/ The Worst Test Results for Highest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
3545.09	-34.76	12.90	12.56	-34.42	-13.00	-21.42	H
5332.39	-35.41	13.10	16.32	-38.63	-13.00	-25.63	H
7089.86	-32.81	12.33	21.13	-41.61	-13.00	-28.61	H
3545.09	-35.08	12.90	12.56	-34.74	-13.00	-21.74	V
5332.39	-34.15	13.10	16.32	-37.37	-13.00	-24.37	V
7089.86	-32.66	12.33	21.13	-41.46	-13.00	-28.46	V



NR n66 / 40MHz / QPSK / RB Size 1 Offset 1/ The Worst Test Results for Lowest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
3460.28	-34.49	12.90	12.56	-34.15	-13.00	-21.15	H
5189.97	-34.23	13.10	16.32	-37.45	-13.00	-24.45	H
6920.20	-33.29	12.33	21.13	-42.09	-13.00	-29.09	H
3460.28	-35.78	12.90	12.56	-35.44	-13.00	-22.44	V
5189.97	-34.50	13.10	16.32	-37.72	-13.00	-24.72	V
6920.20	-33.19	12.33	21.13	-41.99	-13.00	-28.99	V
NR n66 / 40MHz / QPSK / RB Size 1 Offset 1/ The Worst Test Results for Middle							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
3490.20	-33.55	12.90	12.56	-33.21	-13.00	-20.21	H
5235.19	-35.40	13.10	16.32	-38.62	-13.00	-25.62	H
6979.91	-33.41	12.33	21.13	-42.21	-13.00	-29.21	H
3490.20	-34.56	12.90	12.56	-34.22	-13.00	-21.22	V
5235.19	-33.98	13.10	16.32	-37.20	-13.00	-24.20	V
6979.91	-32.44	12.33	21.13	-41.24	-13.00	-28.24	V
NR n66 / 40MHz / QPSK / RB Size 1 Offset 1/ The Worst Test Results for Highest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
3519.94	-34.06	12.90	12.56	-33.72	-13.00	-20.72	H
5280.03	-34.14	13.10	16.32	-37.36	-13.00	-24.36	H
7040.73	-32.15	12.33	21.13	-40.95	-13.00	-27.95	H
3519.94	-34.93	12.90	12.56	-34.59	-13.00	-21.59	V
5280.03	-34.77	13.10	16.32	-37.99	-13.00	-24.99	V
7040.73	-32.81	12.33	21.13	-41.61	-13.00	-28.61	V



NR n66 / 20MHz / QPSK / RB Size 1 Offset 1/ The Worst Test Results for Lowest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
3439.87	-34.25	12.90	12.56	-33.91	-13.00	-20.91	H
5159.93	-34.10	13.10	16.32	-37.32	-13.00	-24.32	H
6880.02	-33.58	12.33	21.13	-42.38	-13.00	-29.38	H
3439.87	-35.70	12.90	12.56	-35.36	-13.00	-22.36	V
5159.93	-34.22	13.10	16.32	-37.44	-13.00	-24.44	V
6880.02	-32.46	12.33	21.13	-41.26	-13.00	-28.26	V
NR n66 / 20MHz / QPSK / RB Size 1 Offset 1/ The Worst Test Results for Middle							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
3489.91	-33.67	12.90	12.56	-33.33	-13.00	-20.33	H
5235.06	-34.18	13.10	16.32	-37.40	-13.00	-24.40	H
6980.26	-32.34	12.33	21.13	-41.14	-13.00	-28.14	H
3489.91	-35.63	12.90	12.56	-35.29	-13.00	-22.29	V
5235.06	-34.85	13.10	16.32	-38.07	-13.00	-25.07	V
6980.26	-32.43	12.33	21.13	-41.23	-13.00	-28.23	V
NR n66 / 20MHz / QPSK / RB Size 1 Offset 1/ The Worst Test Results for Highest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
3539.94	-34.77	12.90	12.56	-34.43	-13.00	-21.43	H
5310.07	-35.21	13.10	16.32	-38.43	-13.00	-25.43	H
7080.82	-32.86	12.33	21.13	-41.66	-13.00	-28.66	H
3539.94	-34.87	12.90	12.56	-34.53	-13.00	-21.53	V
5310.07	-34.84	13.10	16.32	-38.06	-13.00	-25.06	V
7080.82	-32.24	12.33	21.13	-41.04	-13.00	-28.04	V



NR n71 / 5MHz / QPSK / RB Size 1 Offset 1/ The Worst Test Results for Lowest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
1331.39	-33.79	12.66	15.86	-36.99	-13.00	-23.99	H
1996.44	-34.09	11.46	19.28	-41.91	-13.00	-28.91	H
2662.51	-32.68	12.79	23.19	-43.08	-13.00	-30.08	H
1331.39	-35.85	12.66	15.86	-39.05	-13.00	-26.05	V
1996.44	-34.23	11.46	19.28	-42.05	-13.00	-29.05	V
2662.51	-32.54	12.79	23.19	-42.94	-13.00	-29.94	V
NR n71 / 5MHz / QPSK / RB Size 1 Offset 1/ The Worst Test Results for Middle							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
1360.72	-33.75	12.72	15.86	-36.89	-13.00	-23.89	H
2041.09	-34.40	11.46	19.28	-42.22	-13.00	-29.22	H
2721.58	-32.66	12.09	23.19	-43.76	-13.00	-30.76	H
1360.72	-34.70	12.72	15.86	-37.84	-13.00	-24.84	V
2041.09	-34.94	11.46	19.28	-42.76	-13.00	-29.76	V
2721.58	-33.07	12.09	23.19	-44.17	-13.00	-31.17	V
NR n71 / 5MHz / QPSK / RB Size 1 Offset 1/ The Worst Test Results for Highest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
1390.75	-34.39	12.76	15.86	-37.49	-13.00	-24.49	H
2086.18	-34.81	11.45	19.28	-42.64	-13.00	-29.64	H
2782.04	-33.43	12.28	23.19	-44.34	-13.00	-31.34	H
1390.75	-35.18	12.76	15.86	-38.28	-13.00	-25.28	V
2086.18	-34.87	11.45	19.28	-42.70	-13.00	-29.70	V
2782.04	-32.60	12.28	23.19	-43.51	-13.00	-30.51	V



NR n71 / 10MHz / QPSK / RB Size 1 Offset 1/ The Worst Test Results for Lowest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
1336.23	-34.81	12.66	15.86	-38.01	-13.00	-25.01	H
2003.69	-34.61	11.46	19.28	-42.43	-13.00	-29.43	H
2672.58	-33.46	12.79	23.19	-43.86	-13.00	-30.86	H
1336.23	-35.24	12.66	15.86	-38.44	-13.00	-25.44	V
2003.69	-34.91	11.46	19.28	-42.73	-13.00	-29.73	V
2672.58	-31.97	12.79	23.19	-42.37	-13.00	-29.37	V
NR n71 / 10MHz / QPSK / RB Size 1 Offset 1/ The Worst Test Results for Middle							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
1361.01	-34.06	12.72	15.86	-37.20	-13.00	-24.20	H
2041.10	-35.23	11.46	19.28	-43.05	-13.00	-30.05	H
2722.03	-32.64	12.09	23.19	-43.74	-13.00	-30.74	H
1361.01	-35.52	12.72	15.86	-38.66	-13.00	-25.66	V
2041.10	-33.95	11.46	19.28	-41.77	-13.00	-28.77	V
2722.03	-32.77	12.09	23.19	-43.87	-13.00	-30.87	V
NR n71 / 10MHz / QPSK / RB Size 1 Offset 1/ The Worst Test Results for Highest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
1385.88	-34.01	12.76	15.86	-37.11	-13.00	-24.11	H
2078.93	-35.44	11.45	19.28	-43.27	-13.00	-30.27	H
2771.72	-32.15	12.28	23.19	-43.06	-13.00	-30.06	H
1385.88	-34.58	12.76	15.86	-37.68	-13.00	-24.68	V
2078.93	-34.78	11.45	19.28	-42.61	-13.00	-29.61	V
2771.72	-31.93	12.28	23.19	-42.84	-13.00	-29.84	V



NR n71 / 15MHz / QPSK / RB Size 1 Offset 1/ The Worst Test Results for Lowest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
1340.45	-34.83	12.66	15.86	-38.03	-13.00	-25.03	H
2011.16	-35.17	11.46	19.28	-42.99	-13.00	-29.99	H
2682.59	-33.29	12.79	23.19	-43.69	-13.00	-30.69	H
1340.45	-35.13	12.66	15.86	-38.33	-13.00	-25.33	V
2011.16	-34.54	11.46	19.28	-42.36	-13.00	-29.36	V
2682.59	-32.07	12.79	23.19	-42.47	-13.00	-29.47	V
NR n71 / 15MHz / QPSK / RB Size 1 Offset 1/ The Worst Test Results for Middle							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
1360.78	-33.68	12.72	15.86	-36.82	-13.00	-23.82	H
2041.07	-34.88	11.46	19.28	-42.70	-13.00	-29.70	H
2721.63	-33.28	12.09	23.19	-44.38	-13.00	-31.38	H
1360.78	-35.18	12.72	15.86	-38.32	-13.00	-25.32	V
2041.07	-34.34	11.46	19.28	-42.16	-13.00	-29.16	V
2721.63	-33.05	12.09	23.19	-44.15	-13.00	-31.15	V
NR n71 / 15MHz / QPSK / RB Size 1 Offset 1/ The Worst Test Results for Highest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
1380.34	-34.24	12.76	15.86	-37.34	-13.00	-24.34	H
2071.13	-34.45	11.45	19.28	-42.28	-13.00	-29.28	H
2762.26	-32.27	12.28	23.19	-43.18	-13.00	-30.18	H
1380.34	-35.14	12.76	15.86	-38.24	-13.00	-25.24	V
2071.13	-34.85	11.45	19.28	-42.68	-13.00	-29.68	V
2762.26	-32.87	12.28	23.19	-43.78	-13.00	-30.78	V



NR n71 / 20MHz / QPSK / RB Size 1 Offset 1/ The Worst Test Results for Lowest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
1345.80	-33.82	12.66	15.86	-37.02	-13.00	-24.02	H
2019.24	-35.44	11.46	19.28	-43.26	-13.00	-30.26	H
2691.96	-32.64	12.79	23.19	-43.04	-13.00	-30.04	H
1345.80	-34.81	12.66	15.86	-38.01	-13.00	-25.01	V
2019.24	-35.13	11.46	19.28	-42.95	-13.00	-29.95	V
2691.96	-33.08	12.79	23.19	-43.48	-13.00	-30.48	V
NR n71 / 20MHz / QPSK / RB Size 1 Offset 1/ The Worst Test Results for Middle							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
1360.93	-34.17	12.72	15.86	-37.31	-13.00	-24.31	H
2041.04	-34.98	11.46	19.28	-42.80	-13.00	-29.80	H
2721.73	-32.90	12.09	23.19	-44.00	-13.00	-31.00	H
1360.93	-35.26	12.72	15.86	-38.40	-13.00	-25.40	V
2041.04	-34.91	11.46	19.28	-42.73	-13.00	-29.73	V
2721.73	-31.78	12.09	23.19	-42.88	-13.00	-29.88	V
NR n71 / 20MHz / QPSK / RB Size 1 Offset 1/ The Worst Test Results for Highest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
1375.78	-34.39	12.76	15.86	-37.49	-13.00	-24.49	H
2064.21	-34.21	11.45	19.28	-42.04	-13.00	-29.04	H
2751.80	-32.15	12.28	23.19	-43.06	-13.00	-30.06	H
1375.78	-35.28	12.76	15.86	-38.38	-13.00	-25.38	V
2064.21	-35.02	11.45	19.28	-42.85	-13.00	-29.85	V
2751.80	-32.29	12.28	23.19	-43.20	-13.00	-30.20	V



3450 MHz -3550MHz

NR n77 / 10MHz / QPSK / RB Size 1 Offset 1/ The Worst Test Results for Lowest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
6910.38	-33.68	11.85	17.21	-39.04	-13.00	-26.04	H
10364.88	-32.73	12.06	22.59	-43.26	-13.00	-30.26	H
13819.93	-27.52	11.67	25.73	-41.58	-13.00	-28.58	H
6910.38	-33.75	11.85	17.21	-39.11	-13.00	-26.11	V
10364.88	-33.12	12.06	22.59	-43.65	-13.00	-30.65	V
13819.93	-27.29	11.67	25.31	-40.93	-13.00	-27.93	V
NR n77 / 10MHz / QPSK / RB Size 1 Offset 1/ The Worst Test Results for Middle							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
6999.83	-34.53	11.85	17.21	-39.89	-13.00	-26.89	H
10499.82	-33.12	12.06	22.59	-43.65	-13.00	-30.65	H
14000.13	-27.25	11.67	25.73	-41.31	-13.00	-28.31	H
6999.83	-34.12	11.85	17.21	-39.48	-13.00	-26.48	V
10499.82	-32.64	12.06	22.59	-43.17	-13.00	-30.17	V
14000.13	-28.41	11.67	25.31	-42.05	-13.00	-29.05	V
NR n77 / 10MHz / QPSK / RB Size 1 Offset 1/ The Worst Test Results for Highest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
7089.99	-34.23	11.85	17.21	-39.59	-13.00	-26.59	H
10635.06	-33.14	12.06	22.59	-43.67	-13.00	-30.67	H
14179.80	-28.44	11.67	25.73	-42.50	-13.00	-29.50	H
7089.99	-34.14	11.85	17.21	-39.50	-13.00	-26.50	V
10635.06	-33.03	12.06	22.59	-43.56	-13.00	-30.56	V
14179.80	-28.60	11.67	25.31	-42.24	-13.00	-29.24	V



NR n77 / 50MHz / QPSK / RB Size 1 Offset 1/ The Worst Test Results for Lowest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
6950.28	-33.72	11.85	17.21	-39.08	-13.00	-26.08	H
10425.26	-33.40	12.06	22.59	-43.93	-13.00	-30.93	H
13899.86	-28.46	11.67	25.73	-42.52	-13.00	-29.52	H
6950.28	-34.81	11.85	17.21	-40.17	-13.00	-27.17	V
10425.26	-32.27	12.06	22.59	-42.80	-13.00	-29.80	V
13899.86	-27.87	11.67	25.31	-41.51	-13.00	-28.51	V

NR n77 / 50MHz / QPSK / RB Size 1 Offset 1/ The Worst Test Results for Middle							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
6999.96	-34.72	11.85	17.21	-40.08	-13.00	-27.08	H
10499.95	-32.19	12.06	22.59	-42.72	-13.00	-29.72	H
13999.83	-27.49	11.67	25.73	-41.55	-13.00	-28.55	H
6999.96	-34.15	11.85	17.21	-39.51	-13.00	-26.51	V
10499.95	-32.62	12.06	22.59	-43.15	-13.00	-30.15	V
13999.83	-27.93	11.67	25.31	-41.57	-13.00	-28.57	V

NR n77 / 50MHz / QPSK / RB Size 1 Offset 1/ The Worst Test Results for Highest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
7050.08	-33.82	11.85	17.21	-39.18	-13.00	-26.18	H
10575.03	-32.25	12.06	22.59	-42.78	-13.00	-29.78	H
14099.76	-27.53	11.67	25.73	-41.59	-13.00	-28.59	H
7050.08	-34.79	11.85	17.21	-40.15	-13.00	-27.15	V
10575.03	-33.05	12.06	22.59	-43.58	-13.00	-30.58	V
14099.76	-28.20	11.67	25.31	-41.84	-13.00	-28.84	V

NR n77 / 100MHz / QPSK / RB Size 1 Offset 1/ The Worst Test Results for Lowest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
7000.01	-34.41	11.85	17.21	-39.77	-13.00	-26.77	H
10500.02	-32.92	12.06	22.59	-43.45	-13.00	-30.45	H
13999.77	-27.48	11.67	25.73	-41.54	-13.00	-28.54	H
7000.01	-34.51	11.85	17.21	-39.87	-13.00	-26.87	V
10500.02	-32.20	12.06	22.59	-42.73	-13.00	-29.73	V
13999.77	-28.26	11.67	25.31	-41.90	-13.00	-28.90	V

NR n77 / 100MHz / QPSK / RB Size 1 Offset 1/ The Worst Test Results for Highest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
6999.85	-34.50	11.85	17.21	-39.86	-13.00	-26.86	H
10499.89	-32.48	12.06	22.59	-43.01	-13.00	-30.01	H
14000.27	-27.36	11.67	25.73	-41.42	-13.00	-28.42	H
6999.85	-34.70	11.85	17.21	-40.06	-13.00	-27.06	V
10499.89	-32.81	12.06	22.59	-43.34	-13.00	-30.34	V
14000.27	-27.81	11.67	25.31	-41.45	-13.00	-28.45	V



3700 MHz -3980MHz

NR n77 / 10MHz / QPSK / RB Size 1 Offset 1/ The Worst Test Results for Lowest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
7409.96	-34.67	11.71	17.95	-40.91	-13.00	-27.91	H
11114.79	-32.76	11.95	22.82	-43.63	-13.00	-30.63	H
14819.99	-27.68	13.68	26.27	-40.27	-13.00	-27.27	H
7409.96	-34.74	11.71	17.95	-40.98	-13.00	-27.98	V
11114.79	-32.30	11.95	22.82	-43.17	-13.00	-30.17	V
14819.99	-28.19	13.68	26.27	-40.78	-13.00	-27.78	V
NR n77 / 10MHz / QPSK / RB Size 1 Offset 1/ The Worst Test Results for Middle							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
7679.89	-33.84	11.71	17.95	-40.08	-13.00	-27.08	H
11519.76	-32.06	11.95	22.82	-42.93	-13.00	-29.93	H
15360.03	-27.80	13.68	26.27	-40.39	-13.00	-27.39	H
7679.89	-34.33	11.71	17.95	-40.57	-13.00	-27.57	V
11519.76	-33.32	11.95	22.82	-44.19	-13.00	-31.19	V
15360.03	-28.32	13.68	26.27	-40.91	-13.00	-27.91	V
NR n77 / 10MHz / QPSK / RB Size 1 Offset 1/ The Worst Test Results for Highest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
7950.09	-33.52	11.71	17.95	-39.76	-13.00	-26.76	H
11925.07	-32.61	11.95	22.82	-43.48	-13.00	-30.48	H
15899.89	-27.46	13.68	26.27	-40.05	-13.00	-27.05	H
7950.09	-33.81	11.71	17.95	-40.05	-13.00	-27.05	V
11925.07	-33.07	11.95	22.82	-43.94	-13.00	-30.94	V
15899.89	-28.29	13.68	26.27	-40.88	-13.00	-27.88	V



NR n77 / 50MHz / QPSK / RB Size 1 Offset 1/ The Worst Test Results for Lowest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
7450.00	-33.53	11.71	17.95	-39.77	-13.00	-26.77	H
11174.82	-32.20	11.95	22.82	-43.07	-13.00	-30.07	H
14899.95	-27.58	13.68	26.27	-40.17	-13.00	-27.17	H
7450.00	-33.88	11.71	17.95	-40.12	-13.00	-27.12	V
11174.82	-32.56	11.95	22.82	-43.43	-13.00	-30.43	V
14899.95	-27.55	13.68	26.27	-40.14	-13.00	-27.14	V
NR n77 / 50MHz / QPSK / RB Size 1 Offset 1/ The Worst Test Results for Middle							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
7680.19	-33.92	11.71	17.95	-40.16	-13.00	-27.16	H
11520.19	-32.42	11.95	22.82	-43.29	-13.00	-30.29	H
15360.04	-27.80	13.68	26.27	-40.39	-13.00	-27.39	H
7680.19	-33.62	11.71	17.95	-39.86	-13.00	-26.86	V
11520.19	-33.44	11.95	22.82	-44.31	-13.00	-31.31	V
15360.04	-27.75	13.68	26.27	-40.34	-13.00	-27.34	V
NR n77 / 50MHz / QPSK / RB Size 1 Offset 1/ The Worst Test Results for Highest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
7910.03	-33.86	11.71	17.95	-40.10	-13.00	-27.10	H
11865.27	-32.64	11.95	22.82	-43.51	-13.00	-30.51	H
15820.10	-28.36	13.68	26.27	-40.95	-13.00	-27.95	H
7910.03	-34.29	11.71	17.95	-40.53	-13.00	-27.53	V
11865.27	-33.48	11.95	22.82	-44.35	-13.00	-31.35	V
15820.10	-27.90	13.68	26.27	-40.49	-13.00	-27.49	V



NR n77 / 100MHz / QPSK / RB Size 1 Offset 1/ The Worst Test Results for Lowest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
7500.06	-34.01	11.71	17.95	-40.25	-13.00	-27.25	H
11250.08	-32.22	11.95	22.82	-43.09	-13.00	-30.09	H
15000.15	-28.15	13.68	26.27	-40.74	-13.00	-27.74	H
7500.06	-33.44	11.71	17.95	-39.68	-13.00	-26.68	V
11250.08	-33.27	11.95	22.82	-44.14	-13.00	-31.14	V
15000.15	-27.47	13.68	26.27	-40.06	-13.00	-27.06	V
NR n77 / 100MHz / QPSK / RB Size 1 Offset 1/ The Worst Test Results for Middle							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
7680.16	-34.02	11.71	17.95	-40.26	-13.00	-27.26	H
11520.02	-32.61	11.95	22.82	-43.48	-13.00	-30.48	H
15360.00	-28.61	13.68	26.27	-41.20	-13.00	-28.20	H
7680.16	-34.05	11.71	17.95	-40.29	-13.00	-27.29	V
11520.02	-32.13	11.95	22.82	-43.00	-13.00	-30.00	V
15360.00	-28.27	13.68	26.27	-40.86	-13.00	-27.86	V
NR n77 / 100MHz / QPSK / RB Size 1 Offset 1/ The Worst Test Results for Highest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
7860.15	-34.89	11.71	17.95	-41.13	-13.00	-28.13	H
11789.99	-32.58	11.95	22.82	-43.45	-13.00	-30.45	H
15719.98	-27.76	13.68	26.27	-40.35	-13.00	-27.35	H
7860.15	-33.45	11.71	17.95	-39.69	-13.00	-26.69	V
11789.99	-32.86	11.95	22.82	-43.73	-13.00	-30.73	V
15719.98	-27.65	13.68	26.27	-40.24	-13.00	-27.24	V



3450 MHz -3550 MHz

NR n78 / 10MHz / QPSK / RB Size 1 Offset 1/ The Worst Test Results for Lowest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
6910.26	-34.88	11.85	17.21	-40.24	-13.00	-27.24	H
10364.99	-32.84	12.06	22.59	-43.37	-13.00	-30.37	H
13819.86	-27.90	11.67	25.73	-41.96	-13.00	-28.96	H
6910.26	-34.66	11.85	17.21	-40.02	-13.00	-27.02	V
10364.99	-32.34	12.06	22.59	-42.87	-13.00	-29.87	V
13819.86	-27.25	11.67	25.31	-40.89	-13.00	-27.89	V
NR n78 /10MHz / QPSK / RB Size 1 Offset 1/ The Worst Test Results for Middle							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
6999.96	-33.70	11.85	17.21	-39.06	-13.00	-26.06	H
10500.19	-33.00	12.06	22.59	-43.53	-13.00	-30.53	H
13999.85	-27.48	11.67	25.73	-41.54	-13.00	-28.54	H
6999.96	-34.34	11.85	17.21	-39.70	-13.00	-26.70	V
10500.19	-32.15	12.06	22.59	-42.68	-13.00	-29.68	V
13999.85	-28.13	11.67	25.31	-41.77	-13.00	-28.77	V
NR n78 / 10MHz / QPSK / RB Size 1 Offset 1/ The Worst Test Results for Highest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
7089.93	-33.58	11.85	17.21	-38.94	-13.00	-25.94	H
10634.65	-32.68	12.06	22.59	-43.21	-13.00	-30.21	H
14179.68	-28.28	11.67	25.73	-42.34	-13.00	-29.34	H
7089.93	-33.56	11.85	17.21	-38.92	-13.00	-25.92	V
10634.65	-32.81	12.06	22.59	-43.34	-13.00	-30.34	V
14179.68	-27.75	11.67	25.31	-41.39	-13.00	-28.39	V



NR n78 / 50MHz / QPSK / RB Size 1 Offset 1/ The Worst Test Results for Lowest							
Frequency(MHz)	Frequency(MHz)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
6949.90	-33.84	11.85	17.21	-39.20	-13.00	-26.20	H
10425.11	-32.79	12.06	22.59	-43.32	-13.00	-30.32	H
13899.96	-27.97	11.67	25.73	-42.03	-13.00	-29.03	H
6949.90	-33.95	11.85	17.21	-39.31	-13.00	-26.31	V
10425.11	-32.68	12.06	22.59	-43.21	-13.00	-30.21	V
13899.96	-27.55	11.67	25.31	-41.19	-13.00	-28.19	V
NR n78 / 50MHz / QPSK / RB Size 1 Offset 1/ The Worst Test Results for Middle							
Frequency(MHz)	Frequency(MHz)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
6999.90	-33.81	11.85	17.21	-39.17	-13.00	-26.17	H
10499.88	-32.78	12.06	22.59	-43.31	-13.00	-30.31	H
14000.13	-28.51	11.67	25.73	-42.57	-13.00	-29.57	H
6999.90	-34.72	11.85	17.21	-40.08	-13.00	-27.08	V
10499.88	-33.09	12.06	22.59	-43.62	-13.00	-30.62	V
14000.13	-28.61	11.67	25.31	-42.25	-13.00	-29.25	V
NR n78 / 50MHz / QPSK / RB Size 1 Offset 1/ The Worst Test Results for Highest							
Frequency(MHz)	Frequency(MHz)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
7049.91	-33.97	11.85	17.21	-39.33	-13.00	-26.33	H
10575.28	-32.79	12.06	22.59	-43.32	-13.00	-30.32	H
14100.14	-27.79	11.67	25.73	-41.85	-13.00	-28.85	H
7049.91	-33.88	11.85	17.21	-39.24	-13.00	-26.24	V
10575.28	-33.28	12.06	22.59	-43.81	-13.00	-30.81	V
14100.14	-28.64	11.67	25.31	-42.28	-13.00	-29.28	V



NR n78 / 100MHz / QPSK / RB Size 1 Offset 1/ The Worst Test Results for Lowest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
6999.71	-34.02	11.85	17.21	-39.38	-13.00	-26.38	H
10500.01	-33.05	12.06	22.59	-43.58	-13.00	-30.58	H
14000.13	-27.54	11.67	25.73	-41.60	-13.00	-28.60	H
6999.71	-33.58	11.85	17.21	-38.94	-13.00	-25.94	V
10500.01	-32.78	12.06	22.59	-43.31	-13.00	-30.31	V
14000.13	-27.26	11.67	25.31	-40.90	-13.00	-27.90	V
NR n78 / 100MHz / QPSK / RB Size 1 Offset 1/ The Worst Test Results for Highest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
7000.06	-34.42	11.85	17.21	-39.78	-13.00	-26.78	H
10500.28	-33.35	12.06	22.59	-43.88	-13.00	-30.88	H
13999.96	-28.21	11.67	25.73	-42.27	-13.00	-29.27	H
7000.06	-34.58	11.85	17.21	-39.94	-13.00	-26.94	V
10500.28	-32.10	12.06	22.59	-42.63	-13.00	-29.63	V
13999.96	-27.85	11.67	25.31	-41.49	-13.00	-28.49	V



3700 MHz -3800 MHz

NR n78 / 10MHz / QPSK / RB Size 1 Offset 1/ The Worst Test Results for Lowest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
7410.15	-34.69	11.71	17.95	-40.93	-13.00	-27.93	H
11115.07	-32.96	11.95	22.82	-43.83	-13.00	-30.83	H
14819.87	-28.41	13.68	26.27	-41.00	-13.00	-28.00	H
7410.15	-33.97	11.71	17.95	-40.21	-13.00	-27.21	V
11115.07	-32.26	11.95	22.82	-43.13	-13.00	-30.13	V
14819.87	-28.26	13.68	26.27	-40.85	-13.00	-27.85	V
NR n78 /10MHz / QPSK / RB Size 1 Offset 1/ The Worst Test Results for Middle							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
7500.11	-34.40	11.71	17.95	-40.64	-13.00	-27.64	H
11250.07	-32.37	11.95	22.82	-43.24	-13.00	-30.24	H
14999.96	-28.15	13.68	26.27	-40.74	-13.00	-27.74	H
7500.11	-34.94	11.71	17.95	-41.18	-13.00	-28.18	V
11250.07	-33.01	11.95	22.82	-43.88	-13.00	-30.88	V
14999.96	-27.47	13.68	26.27	-40.06	-13.00	-27.06	V
NR n78 / 10MHz / QPSK / RB Size 1 Offset 1/ The Worst Test Results for Highest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
7990.22	-34.15	11.71	17.95	-40.39	-13.00	-27.39	H
11385.25	-33.07	11.95	22.82	-43.94	-13.00	-30.94	H
15180.12	-27.83	13.68	26.27	-40.42	-13.00	-27.42	H
7990.22	-33.93	11.71	17.95	-40.17	-13.00	-27.17	V
11385.25	-32.67	11.95	22.82	-43.54	-13.00	-30.54	V
15180.12	-28.35	13.68	26.27	-40.94	-13.00	-27.94	V



NR n78 / 50MHz / QPSK / RB Size 1 Offset 1/ The Worst Test Results for Lowest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
7449.90	-33.88	11.71	17.95	-40.12	-13.00	-27.12	H
11174.80	-33.15	11.95	22.82	-44.02	-13.00	-31.02	H
14900.13	-27.85	13.68	26.27	-40.44	-13.00	-27.44	H
7449.90	-33.54	11.71	17.95	-39.78	-13.00	-26.78	V
11174.80	-33.10	11.95	22.82	-43.97	-13.00	-30.97	V
14900.13	-28.04	13.68	26.27	-40.63	-13.00	-27.63	V

NR n78 / 50MHz / QPSK / RB Size 1 Offset 1/ The Worst Test Results for Middle							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
7499.77	-34.05	11.71	17.95	-40.29	-13.00	-27.29	H
11249.89	-33.18	11.95	22.82	-44.05	-13.00	-31.05	H
15000.23	-27.56	13.68	26.27	-40.15	-13.00	-27.15	H
7499.77	-33.53	11.71	17.95	-39.77	-13.00	-26.77	V
11249.89	-32.38	11.95	22.82	-43.25	-13.00	-30.25	V
15000.23	-27.57	13.68	26.27	-40.16	-13.00	-27.16	V

NR n78 / 50MHz / QPSK / RB Size 1 Offset 1/ The Worst Test Results for Highest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
7549.99	-34.02	11.71	17.95	-40.26	-13.00	-27.26	H
11325.22	-32.72	11.95	22.82	-43.59	-13.00	-30.59	H
15099.90	-27.52	13.68	26.27	-40.11	-13.00	-27.11	H
7549.99	-33.97	11.71	17.95	-40.21	-13.00	-27.21	V
11325.22	-32.56	11.95	22.82	-43.43	-13.00	-30.43	V
15099.90	-28.51	13.68	26.27	-41.10	-13.00	-28.10	V

NR n78 / 100MHz / QPSK / RB Size 1 Offset 1/ The Worst Test Results for Middle							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
7499.79	-34.55	11.71	17.95	-40.79	-13.00	-27.79	H
11249.79	-33.25	11.95	22.82	-44.12	-13.00	-31.12	H
15000.09	-28.01	13.68	26.27	-40.60	-13.00	-27.60	H
7499.79	-34.67	11.71	17.95	-40.91	-13.00	-27.91	V
11249.79	-32.64	11.95	22.82	-43.51	-13.00	-30.51	V
15000.09	-28.52	13.68	26.27	-41.11	-13.00	-28.11	V

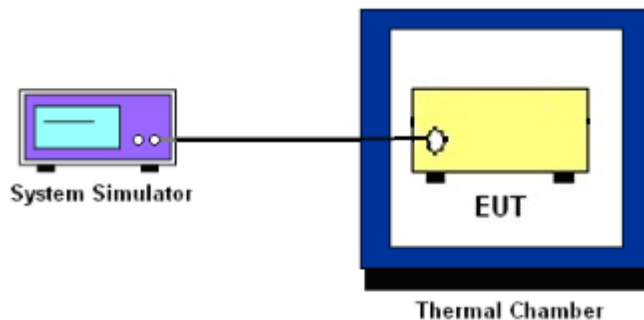
9. FREQUENCY STABILITY

9.1 DESCRIPTION OF FREQUENCY STABILITY MEASUREMENT

9.1.1 MEASUREMENT METHOD

The frequency stability shall be measured by variation of ambient temperature and variation of primary supply voltage to ensure that the fundamental emission stays within the authorized frequency block. The frequency stability of the transmitter shall be maintained within $\pm 0.00025\%$ ($\pm 2.5\text{ppm}$) of the center frequency.

9.1.2 TEST SETUP



9.1.3 TEST PROCEDURES FOR TEMPERATURE VARIATION

1. The EUT was set up in the thermal chamber and connected with the system simulator.
2. With power OFF, the temperature was decreased to -30°C and the EUT was stabilized before testing. Power was applied and the maximum change in frequency was recorded within one minute.
3. With power OFF, the temperature was raised in 10°C step up to 50°C . The EUT was stabilized at each step for at least half an hour. Power was applied and the maximum frequency change was recorded within one minute.

9.1.4 TEST PROCEDURES FOR VOLTAGE VARIATION

1. The testing follows FCC KDB 971168 D01v01r03 Section 9.
2. The EUT was placed in a temperature chamber at $25 \pm 5^{\circ}\text{C}$ and connected with the system simulator.
3. The power supply voltage to the EUT was varied from 85% to 115% of the nominal value measured at the input to the EUT.
4. The variation in frequency was measured for the worst case.



9.1.5 TEST RESULTS

NR n2 (DFT_BPSK) / 1880MHz / BW20M					
Temperature (°C)	Voltage	Freq. Dev.	Freq. Dev.	Limit	Result
	(Volt)	(Hz)	(ppm)		
50	Normal Voltage	22.73	0.012	2.5ppm	PASS
40		12.64	0.007		
30		26.79	0.014		
20		18.87	0.010		
10		25.44	0.014		
0		30.71	0.016		
-10		22.65	0.012		
-20		15.53	0.008		
-30		15.33	0.008		
20	Maximum Voltage	35.34	0.019		
20	BEP	27.93	0.015		

NR n2 (DFT_QPSK) / 1880MHz / BW20M					
Temperature (°C)	Voltage	Freq. Dev.	Freq. Dev.	Limit	Result
	(Volt)	(Hz)	(ppm)		
50	Normal Voltage	33.58	0.018	2.5ppm	PASS
40		34.49	0.018		
30		26.24	0.014		
20		18.60	0.010		
10		20.62	0.011		
0		18.27	0.010		
-10		26.13	0.014		
-20		16.15	0.009		
-30		17.18	0.009		
20	Maximum Voltage	15.23	0.008		
20	BEP	33.59	0.018		

NR n5 (DFT_BPSK) / 836.5MHz / BW20M					
Temperature (°C)	Voltage	Freq. Dev.	Freq. Dev.	Limit	Result
	(Volt)	(Hz)	(ppm)		
50	Normal Voltage	29.84	0.042	2.5ppm	PASS
40		13.59	0.019		
30		22.08	0.031		
20		11.74	0.017		
10		16.63	0.023		
0		35.95	0.051		
-10		35.04	0.005		
-20		24.33	0.034		
-30		20.13	0.028		
20	Maximum Voltage	28.22	0.040		
20	BEP	13.95	0.020		



NR n5 (DFT_QPSK) / 836.5MHz / BW20M					
Temperature (°C)	Voltage	Freq. Dev.	Freq. Dev.	Limit	Result
	(Volt)	(Hz)	(ppm)		
50	Normal Voltage	22.75	0.032	2.5ppm	PASS
40		35.54	0.050		
30		15.59	0.022		
20		15.83	0.022		
10		22.70	0.032		
0		18.41	0.026		
-10		28.85	0.004		
-20		11.61	0.016		
-30		24.82	0.035		
20	Maximum Voltage	24.89	0.035		
20	BEP	15.22	0.021		

NR n7 (DFT_BPSK) / 2535MHz / BW20M					
Temperature (°C)	Voltage	Freq. Dev.	Freq. Dev.	Limit	Result
	(Volt)	(Hz)	(ppm)		
50	Normal Voltage	26.40	0.014	2.5ppm	PASS
40		34.78	0.019		
30		22.48	0.012		
20		30.17	0.016		
10		30.91	0.016		
0		27.59	0.015		
-10		36.30	0.019		
-20		33.85	0.018		
-30		28.88	0.015		
20	Maximum Voltage	32.15	0.017		
20	BEP	28.24	0.015		

NR n7 (DFT_QPSK) / 2535MHz / BW20M					
Temperature (°C)	Voltage	Freq. Dev.	Freq. Dev.	Limit	Result
	(Volt)	(Hz)	(ppm)		
50	Normal Voltage	13.11	0.007	2.5ppm	PASS
40		13.57	0.007		
30		30.05	0.016		
20		17.32	0.009		
10		21.59	0.011		
0		31.38	0.017		
-10		20.20	0.011		
-20		35.44	0.019		
-30		21.08	0.011		
20	Maximum Voltage	27.14	0.014		
20	BEP	18.16	0.010		



NR n38 (QPSK) / 2595MHz / BW20M					
Temperature (°C)	Voltage	Freq. Dev.	Freq. Dev.	Limit	Result
	(Volt)	(Hz)	(ppm)		
50	Normal Voltage	20.08	0.008	2.5ppm	PASS
40		19.45	0.007		
30		34.86	0.013		
20		28.32	0.011		
10		25.89	0.010		
0		15.20	0.006		
-10		17.51	0.007		
-20		31.59	0.012		
-30		30.42	0.012		
20	Maximum Voltage	31.69	0.012		
20	BEP	28.48	0.011		

NR n38 (QPSK) / 2595MHz / BW40M					
Temperature (°C)	Voltage	Freq. Dev.	Freq. Dev.	Limit	Result
	(Volt)	(Hz)	(ppm)		
50	Normal Voltage	16.43	0.006	2.5ppm	PASS
40		35.69	0.014		
30		32.42	0.012		
20		33.51	0.013		
10		23.77	0.009		
0		31.74	0.012		
-10		23.84	0.009		
-20		15.38	0.006		
-30		34.25	0.013		
20	Maximum Voltage	28.21	0.011		
20	BEP	17.93	0.007		

NR n41 (DFT_BPSK) / 2592.99MHz / BW100M					
Temperature (°C)	Voltage	Freq. Dev.	Freq. Dev.	Limit	Result
	(Volt)	(Hz)	(ppm)		
50	Normal Voltage	16.73	0.009	2.5ppm	PASS
40		31.77	0.017		
30		13.89	0.007		
20		26.94	0.014		
10		29.48	0.016		
0		14.00	0.007		
-10		32.18	0.017		
-20		25.08	0.013		
-30		27.26	0.015		
20	Maximum Voltage	34.49	0.018		
20	BEP	23.63	0.013		



NR n41 (DFT_QPSK) / 2592.99MHz / BW100M					
Temperature (°C)	Voltage	Freq. Dev.	Freq. Dev.	Limit	Result
	(Volt)	(Hz)	(ppm)		
50	Normal Voltage	23.01	0.012	2.5ppm	PASS
40		24.07	0.013		
30		14.87	0.008		
20		14.59	0.008		
10		29.60	0.016		
0		28.14	0.015		
-10		28.03	0.015		
-20		32.13	0.017		
-30		33.31	0.018		
20	Maximum Voltage	28.59	0.015		
20	BEP	17.29	0.009		

NR n66 (DFT_BPSK) / 1745MHz / BW 40M					
Temperature (°C)	Voltage	Freq. Dev.	Freq. Dev.	Limit	Result
	(Volt)	(Hz)	(ppm)		
50	Normal Voltage	21.70	0.012	2.5ppm	PASS
40		14.78	0.008		
30		20.06	0.011		
20		34.88	0.019		
10		13.39	0.007		
0		12.38	0.007		
-10		15.53	0.008		
-20		24.86	0.013		
-30		35.44	0.019		
20	Maximum Voltage	35.00	0.019		
20	BEP	29.95	0.016		

NR n66 (DFT_QPSK) / 1745MHz / BW 40M					
Temperature (°C)	Voltage	Freq. Dev.	Freq. Dev.	Limit	Result
	(Volt)	(Hz)	(ppm)		
50	Normal Voltage	27.12	0.014	2.5ppm	PASS
40		30.22	0.016		
30		20.09	0.011		
20		35.37	0.019		
10		34.84	0.019		
0		23.69	0.013		
-10		13.39	0.007		
-20		28.70	0.015		
-30		23.60	0.013		
20	Maximum Voltage	24.44	0.013		
20	BEP	17.44	0.009		



NR n71 (DFT_BPSK) / 680.5MHz / BW20M					
Temperature (°C)	Voltage	Freq. Dev.	Freq. Dev.	Limit	Result
	(Volt)	(Hz)	(ppm)		
50	Normal Voltage	12.81	0.019	2.5ppm	PASS
40		17.84	0.026		
30		26.42	0.039		
20		27.65	0.041		
10		17.51	0.026		
0		27.52	0.040		
-10		21.97	0.032		
-20		32.67	0.048		
-30		17.17	0.025		
20	Maximum Voltage	31.82	0.047		
20	BEP	15.27	0.022		

NR n71 (DFT_QPSK) / 680.5MHz / BW20M					
Temperature (°C)	Voltage	Freq. Dev.	Freq. Dev.	Limit	Result
	(Volt)	(Hz)	(ppm)		
50	Normal Voltage	15.80	0.023	2.5ppm	PASS
40		20.13	0.030		
30		33.63	0.049		
20		12.84	0.019		
10		16.48	0.024		
0		26.36	0.039		
-10		25.45	0.037		
-20		16.16	0.024		
-30		15.72	0.023		
20	Maximum Voltage	19.82	0.029		
20	BEP	14.80	0.022		

3450 MHz -3550 MHz

NR n77 (DFT_BPSK) / 3499.98MHz / BW100M					
Temperature (°C)	Voltage	Freq. Dev.	Freq. Dev.	Limit	Result
	(Volt)	(Hz)	(ppm)		
50	Normal Voltage	25.89	0.014	2.5ppm	PASS
40		30.86	0.016		
30		28.60	0.015		
20		32.31	0.017		
10		24.43	0.013		
0		16.83	0.009		
-10		21.97	0.012		
-20		17.49	0.009		
-30		33.57	0.018		
20	Maximum Voltage	29.82	0.016		
20	BEP	34.37	0.018		



NR n77 (DFT_QPSK) / 3499.98MHz / BW100M					
Temperature (°C)	Voltage	Freq. Dev.	Freq. Dev.	Limit	Result
	(Volt)	(Hz)	(ppm)		
50	Normal Voltage	13.21	0.007	2.5ppm	PASS
40		18.44	0.010		
30		11.94	0.006		
20		22.13	0.012		
10		18.70	0.010		
0		29.95	0.016		
-10		35.79	0.019		
-20		16.71	0.009		
-30		32.26	0.017		
20	Maximum Voltage	34.50	0.018		
20	BEP	12.52	0.007		

3700 MHz -3980MHz

NR n77 (DFT_BPSK) / 3840MHz / BW100M					
Temperature (°C)	Voltage	Freq. Dev.	Freq. Dev.	Limit	Result
	(Volt)	(Hz)	(ppm)		
50	Normal Voltage	31.62	0.017	2.5ppm	PASS
40		12.75	0.007		
30		13.87	0.007		
20		22.04	0.012		
10		24.88	0.013		
0		20.88	0.011		
-10		16.42	0.009		
-20		35.37	0.019		
-30		22.71	0.012		
20	Maximum Voltage	14.84	0.008		
20	BEP	21.12	0.011		

NR n77 (DFT_QPSK) / 3840MHz / BW100M					
Temperature (°C)	Voltage	Freq. Dev.	Freq. Dev.	Limit	Result
	(Volt)	(Hz)	(ppm)		
50	Normal Voltage	31.53	0.017	2.5ppm	PASS
40		24.01	0.013		
30		32.12	0.017		
20		29.45	0.016		
10		17.45	0.009		
0		20.93	0.011		
-10		20.42	0.011		
-20		30.63	0.016		
-30		26.73	0.014		
20	Maximum Voltage	27.40	0.015		
20	BEP	36.09	0.019		



3450 MHz -3550 MHz

NR n78 (DFT_BPSK) /SCS 30KHz / 3499.98MHz / BW100M					
Temperature (°C)	Voltage	Freq. Dev.	Freq. Dev.	Limit	Result
	(Volt)	(Hz)	(ppm)		
50	Normal Voltage	28.07	0.015	2.5ppm	PASS
40		23.38	0.012		
30		16.35	0.009		
20		11.63	0.006		
10		25.51	0.014		
0		22.53	0.012		
-10		18.47	0.010		
-20		16.79	0.009		
-30		27.72	0.015		
20	Maximum Voltage	27.67	0.015		
20	BEP	17.84	0.009		

NR n78 (DFT_QPSK) /SCS 30KHz / 3499.98MHz / BW100M					
Temperature (°C)	Voltage	Freq. Dev.	Freq. Dev.	Limit	Result
	(Volt)	(Hz)	(ppm)		
50	Normal Voltage	14.09	0.007	2.5ppm	PASS
40		12.18	0.006		
30		25.18	0.013		
20		19.86	0.011		
10		14.84	0.008		
0		26.95	0.014		
-10		29.42	0.016		
-20		21.52	0.011		
-30		18.93	0.010		
20	Maximum Voltage	33.71	0.018		
20	BEP	33.40	0.018		

3700 MHz -3800 MHz

NR n78 (DFT_BPSK) /SCS 30KHz / 3750MHz / BW100M					
Temperature (°C)	Voltage	Freq. Dev.	Freq. Dev.	Limit	Result
	(Volt)	(Hz)	(ppm)		
50	Normal Voltage	36.28	0.019	2.5ppm	PASS
40		27.05	0.014		
30		12.56	0.007		
20		31.04	0.017		
10		23.34	0.012		
0		30.37	0.016		
-10		34.00	0.018		
-20		11.80	0.006		
-30		28.13	0.015		
20	Maximum Voltage	30.20	0.016		
20	BEP	18.10	0.010		



NR n78 (DFT_QPSK) /SCS 30KHz / 3750MHz / BW100M					
Temperature (°C)	Voltage	Freq. Dev.	Freq. Dev.	Limit	Result
	(Volt)	(Hz)	(ppm)		
50	Normal Voltage	14.10	0.008	2.5ppm	PASS
40		30.29	0.016		
30		27.05	0.014		
20		23.52	0.013		
10		24.86	0.013		
0		35.58	0.019		
-10		23.74	0.013		
-20		29.74	0.016		
-30		20.02	0.011		
20	Maximum Voltage	29.90	0.016		
20	BEP	23.52	0.013		



APPENDIX-PHOTOS OF TEST SETUP

Note: See test photos in setup photo document for the actual connections between Product and support equipment.

*****END OF THE REPORT*****