

Radio Test Report

Report No.:STS2308301W03

Issued for

SHENZHEN YUNJI INTELLIGENT TECHNOLOGY CO.,LTD

202, Building A2, Silicon Valley Power Intelligent Terminal
Industrial Park, No. 20, Dafu Industrial Zone, Kukeng
Community, Guanlan Street, Longhua District, Shenzhen
China

Product Name: Smart Phone

Brand Name: OUKITEL

Model Name: WP30 Pro

Series Model(s): WP30, WP30 S, WP30 Ultra, WP30 TITAN

FCC ID: 2ANMU-WP30SPUT

Test Standards: 47 CFR Part 2, 24, 27

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TEST REPORT

Applicant's Name.....: SHENZHEN YUNJI INTELLIGENT TECHNOLOGY CO.,LTD
 Address.....: 202, Building A2, Silicon Valley Power Intelligent Terminal Industrial Park, No. 20, Dafu Industrial Zone, Kukeng Community, Guanlan Street, Longhua District, Shenzhen China

Manufacturer's Name.....: SHENZHEN YUNJI INTELLIGENT TECHNOLOGY CO.,LTD
 Address.....: 202, Building A2, Silicon Valley Power Intelligent Terminal Industrial Park, No. 20, Dafu Industrial Zone, Kukeng Community, Guanlan Street, Longhua District, Shenzhen China

Product Description

Product Name: Smart Phone
 Brand Name: OUKITEL
 Model Name.....: WP30 Pro
 Series Model: WP30, WP30 S, WP30 Ultra, WP30 TITAN

Test Standards.....: 47 CFR Part 2, 24, 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: 01 Aug. 2023
 Date (s) of performance of tests : 01 Aug. 2023 ~ 04 Sept. 2023
 Date of Issue: 04 Sept. 2023
 Test Result: Pass

Testing Engineer : Lenon Hou
 (Lenon Hou)

Technical Manager : Sean She
 (Sean she)

Authorized Signatory : Chris Chen
 (Chris Chen)





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Revision History

Rev.	Issue Date	Report No.	Effect Page	Contents
00	04 Sept. 2023	STS2308301W03	ALL	Initial Issue



1. TEST FACTORY & MEASUREMENT UNCERTAINTY

1.1 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

1.2 MEASUREMENT UNCERTAINTY

The reported uncertainty of measurement $y \pm U$, where expanded 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	$\pm 1.197\text{dB}$
2	Unwanted Emissions, conducted	$\pm 2.896\text{dB}$
3	All emissions, radiated 9K-30MHz	$\pm 3.84\text{dB}$
4	All emissions, radiated 30M-1GHz	$\pm 3.94\text{dB}$
5	All emissions, radiated 1G-6GHz	$\pm 4.59\text{dB}$
6	All emissions, radiated >6G	$\pm 5.22\text{dB}$
7	Conducted Emission (9KHz-150KHz)	$\pm 2.14\text{dB}$
8	Conducted Emission (150KHz-30MHz)	$\pm 2.54\text{dB}$

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	Smart Phone
Brand Name	OUKITEL
Model Name	WP30 Pro
Series Model(s)	WP30, WP30 S, WP30 Ultra, WP30 TITAN
Model Difference	All the model are the same circuit and RF module, except model names and appearance of the color.
Frequency Bands	SA: n78 NSA: B2+n78
SIM Card	SIM 1 and SIM 2 is a chipset unit and tested as single chipset, SIM 1 is used to tested.
Antenna	PIFA
ANT Gain(dBi)	LTE Band2: -0.36 dBi NR Band78: -0. 40dBi
Battery	Rated Voltage: 8.87V Capacity: 11000mAh
Adapter	Input: 100-240V50/60Hz 0.2A Output: Input: 100-240V~50/60Hz 1.8A Output: DC 5.0V 3.0A 15.0W OR DC 9.0V 3.0A 27.0W OR DC 12.0V 3.0A 36.0W OR DC 15.0V 3.0A 45.0W OR DC 20.0V 5.0A 100.0W MAX PPS: DC 3.6V-20.0V 6.0A 120.0W MAX
Rating	Input: DC 5V
Extreme Vol. Limits	7.983V to 9.757V (Nominal 8.87V)
Extreme Temp. Tolerance	-15°C to +55°C
Hardware version number	M159-MUB-V2
Software version number	OUKITEL_WP30_Pro_V09_20230804

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



2.1.2 PRODUCT SPECIFICATION SUBJECTIVE TO THIS STANDARD

Product Specification Subjective To This Standard	
Tx Frequency	n78:3450-3550MHz,3700-3800MHz
Rx Frequency	n78:3450-3550MHz,3700-3800MHz
Bandwidth	n78-SCS 15kHz: 10M/15M/20M/30M/40M/50M n78-SCS 30kHz: 10M/15M/20M/30M/40M/50M/60M/80M/90M/100M
Subcarrier Spacing	n78:15KHz/30KHz
Type of Modulation	DFT-s-OFDM: PI/2 BPSK、 QPSK、 16QAM、 64QAM、 256QAM CP-OFDM:QPSK、 16QAM、 64QAM、 256QAM



2.1.3 RELATED SUBMITTAL(S) / GRANT (S)

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

2.1.4 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.

2.1.5 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.

2.1.6 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.

2.1.7 CONFIGURATION OF EUT SYSTEM

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.

E-1
EUT

Table 2-1 Equipment Used in EUT System

Item	Equipment	Model No.	Length	Note
N/A	N/A	N/A	N/A	N/A

Note:

- (1) For detachable type I/O cable should be specified the length in cm in 『Length』 column.
- (2) "YES" is means "with core"; "NO" is means "without core".



2.1.8 MEASUREMENT INSTRUMENTS

The radiated emission testing was performed according to the procedures of ANSI C63.26 2015 and FCC CFR 47 rules of 2.1046, 2.1047, 2.1049, 2.1051, 2.1053, 2.1055, 2.1057.

RF Radiation Test Equipment					
Kind of Equipment	Manufacturer	Type No.	Serial No.	Last Calibration	Calibrated Until
Temperature & Humidity	SW-108	SuWei	N/A	2023.03.03	2024.03.02
UXM 5G Wireless Test Platform	Keysight	E7515B	MY60101078	2022.10.10	2023.10.09
Wireless Communications Test Set	R&S	CMW 500	117239	2023.03.01	2024.02.29
Pre-Amplifier(0.1M-3GHz)	EM	EM330	060665	2023.02.28	2024.02.27
Pre-Amplifier (1G-18GHz)	SKET	LNPA-01018G-45	SK2018080901	2022.09.29	2023.09.28
Positioning Controller	MF	MF-7802	MF-780208587	N/A	N/A
Signal Analyzer	R&S	FSV 40-N	101823	2022.09.29	2023.09.28
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	34678	2022.09.30	2024.09.29
Horn Antenna	SCHWARZBECK	BBHA 9120D	02014	2021.10.11	2023.10.10
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	15.2.0.339			
	EZ-EMC	Ver.STSLAB-03A1 RE			
RF Connected Test Equipment					
Kind of Equipment	Manufacturer	Type No.	Serial No.	Last Calibration	Calibrated Until
Temperature & Humidity	SW-108	SuWei	N/A	2023.03.03	2024.03.02
UXM 5G Wireless Test Platform	Keysight	E7515B	MY60101078	2022.10.10	2023.10.09
Wireless Communications Test Set	R&S	CMW 500	131428	2023.03.01	2024.02.29
Signal Analyzer	Agilent	N9020A	MY52440124	2023.03.01	2024.02.29
RF Automatic Test System	Maiwei	MW200-SFCB	N/A	N/A	N/A
Temperature & Humidity Test Chamber	Safety test	AG80L	171200018	2023.03.01	2024.02.29
Programmable Power Supply	Agilent	E3642A	MY40002025	2022.09.29	2023.09.28
Test SW	MTS 8200	2.0.0.0			



2.1.9 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

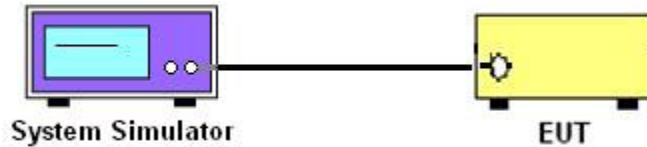
3.1 DESCRIPTION OF THE CONDUCTED OUTPUT POWER MEASUREMENT

3.1.1 MEASUREMENT METHOD

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.

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

Note: The test data please reference to attachment "STS2308301W03_Appendix SA" and "STS2308301W03_Appendix NSA".

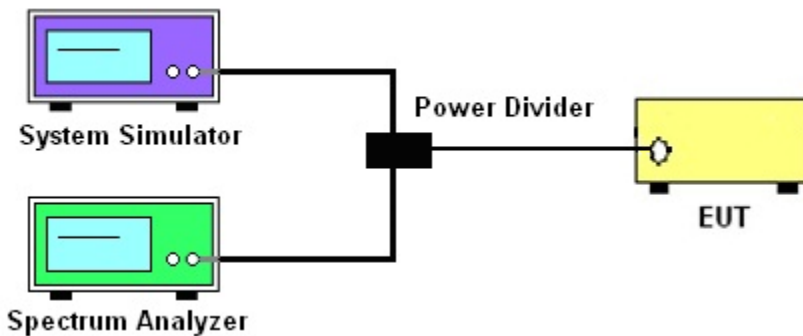
4. PEAK-TO-AVERAGE RATIO

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 "STS2308301W03_Appendix SA" and "STS2308301W03_Appendix NSA".



5. RADIATED POWER AND EFFECTIVE ISOTROPIC RADIATED POWER

5.1 DESCRIPTION OF THE ERP/EIRP MEASUREMENT

5.1.1 MEASUREMENT METHOD

Determining ERP and/or EIRP from conducted RF output power measurements according to ANSI 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:

$$(1) \text{ ERP or EIRP} = P_{\text{Meas}} + GT$$
$$\text{ERP} = \text{EIRP} - 2.15$$

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

GT 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.



5.1.2 TEST RESULTS

SA:
n78(3450-3550MHz)SCS=15KHz

Radiated Power (EIRP) for NR n78 / 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
10	Lowest	1	1	DFT_BPSK	24.8	-0.4	24.40	1.00	30.00	PASS
		50	0	DFT_QPSK	23.92	-0.4	23.52	1.00	30.00	PASS
		25	12		24.94	-0.4	24.54	1.00	30.00	PASS
		1	1		24.88	-0.4	24.48	1.00	30.00	PASS
		1	50		24.92	-0.4	24.52	1.00	30.00	PASS
		1	1	DFT_QAM16	23.82	-0.4	23.42	1.00	30.00	PASS
		1	1	DFT_QAM64	22.3	-0.4	21.90	1.00	30.00	PASS
		1	1	DFT_QAM256	20.5	-0.4	20.10	1.00	30.00	PASS
		1	1	CP_QPSK	23.32	-0.4	22.92	1.00	30.00	PASS
	Middle	1	1	DFT_BPSK	24.42	-0.4	24.02	1.00	30.00	PASS
		50	0	DFT_QPSK	23.6	-0.4	23.20	1.00	30.00	PASS
		25	12		24.61	-0.4	24.21	1.00	30.00	PASS
		1	1		24.48	-0.4	24.08	1.00	30.00	PASS
		1	50		24.57	-0.4	24.17	1.00	30.00	PASS
		1	1	DFT_QAM16	23.61	-0.4	23.21	1.00	30.00	PASS
		1	1	DFT_QAM64	22.01	-0.4	21.61	1.00	30.00	PASS
		1	1	DFT_QAM256	19.96	-0.4	19.56	1.00	30.00	PASS
		1	1	CP_QPSK	22.88	-0.4	22.48	1.00	30.00	PASS
	Highest	1	1	DFT_BPSK	24.39	-0.4	23.99	1.00	30.00	PASS
		50	0	DFT_QPSK	23.59	-0.4	23.19	1.00	30.00	PASS
		25	12		24.6	-0.4	24.20	1.00	30.00	PASS
		1	1		24.34	-0.4	23.94	1.00	30.00	PASS
		1	50		24.6	-0.4	24.20	1.00	30.00	PASS
		1	1	DFT_QAM16	23.48	-0.4	23.08	1.00	30.00	PASS
		1	1	DFT_QAM64	22.24	-0.4	21.84	1.00	30.00	PASS
		1	1	DFT_QAM256	20	-0.4	19.60	1.00	30.00	PASS
		1	1	CP_QPSK	22.85	-0.4	22.45	1.00	30.00	PASS
	15	Lowest	1	1	DFT_BPSK	24.81	-0.4	24.41	1.00	30.00
75			0	DFT_QPSK	23.95	-0.4	23.55	1.00	30.00	PASS
36			18		24.92	-0.4	24.52	1.00	30.00	PASS
1			1		24.7	-0.4	24.30	1.00	30.00	PASS
1			77		24.97	-0.4	24.57	1.00	30.00	PASS



		1	1	DFT_QAM16	23.68	-0.4	23.28	1.00	30.00	PASS		
		1	1	DFT_QAM64	22.21	-0.4	21.81	1.00	30.00	PASS		
		1	1	DFT_QAM256	20.36	-0.4	19.96	1.00	30.00	PASS		
		1	1	CP_QPSK	23.12	-0.4	22.72	1.00	30.00	PASS		
	Middle		1	1	DFT_BPSK	24.44	-0.4	24.04	1.00	30.00	PASS	
			75	0	DFT_QPSK	23.6	-0.4	23.20	1.00	30.00	PASS	
			36	18		24.57	-0.4	24.17	1.00	30.00	PASS	
			1	1		24.31	-0.4	23.91	1.00	30.00	PASS	
			1	77		24.36	-0.4	23.96	1.00	30.00	PASS	
		1	1	DFT_QAM16	23.48	-0.4	23.08	1.00	30.00	PASS		
		1	1	DFT_QAM64	22.07	-0.4	21.67	1.00	30.00	PASS		
		1	1	DFT_QAM256	20.1	-0.4	19.70	1.00	30.00	PASS		
		1	1	CP_QPSK	22.85	-0.4	22.45	1.00	30.00	PASS		
		Highest		1	1	DFT_BPSK	24.1	-0.4	23.70	1.00	30.00	PASS
				75	0	DFT_QPSK	23.52	-0.4	23.12	1.00	30.00	PASS
				36	18		24.58	-0.4	24.18	1.00	30.00	PASS
	1			1	24.15		-0.4	23.75	1.00	30.00	PASS	
	1			77	24.53		-0.4	24.13	1.00	30.00	PASS	
	1		1	DFT_QAM16	23.27	-0.4	22.87	1.00	30.00	PASS		
	1		1	DFT_QAM64	21.69	-0.4	21.29	1.00	30.00	PASS		
	1		1	DFT_QAM256	19.56	-0.4	19.16	1.00	30.00	PASS		
	1		1	CP_QPSK	22.71	-0.4	22.31	1.00	30.00	PASS		
	20	Lowest	1	1	DFT_BPSK	24.88	-0.4	24.48	1.00	30.00	PASS	
			100	0	DFT_QPSK	24.03	-0.4	23.63	1.00	30.00	PASS	
			50	25		24.94	-0.4	24.54	1.00	30.00	PASS	
			1	1		24.85	-0.4	24.45	1.00	30.00	PASS	
			1	104		25.12	-0.4	24.72	1.00	30.00	PASS	
			1	1	DFT_QAM16	23.93	-0.4	23.53	1.00	30.00	PASS	
1			1	DFT_QAM64	22.39	-0.4	21.99	1.00	30.00	PASS		
1			1	DFT_QAM256	20.41	-0.4	20.01	1.00	30.00	PASS		
1			1	CP_QPSK	23.37	-0.4	22.97	1.00	30.00	PASS		
Middle			1	1	DFT_BPSK	24.56	-0.4	24.16	1.00	30.00	PASS	
			100	0	DFT_QPSK	23.6	-0.4	23.20	1.00	30.00	PASS	
			50	25		24.57	-0.4	24.17	1.00	30.00	PASS	
			1	1		24.46	-0.4	24.06	1.00	30.00	PASS	
			1	104		24.36	-0.4	23.96	1.00	30.00	PASS	
		1	1	DFT_QAM16	23.56	-0.4	23.16	1.00	30.00	PASS		
		1	1	DFT_QAM64	22.13	-0.4	21.73	1.00	30.00	PASS		



	Highest	1	1	DFT_QAM256	19.97	-0.4	19.57	1.00	30.00	PASS
		1	1	CP_QPSK	22.98	-0.4	22.58	1.00	30.00	PASS
		1	1	DFT_BPSK	24.09	-0.4	23.69	1.00	30.00	PASS
		100	0	DFT_QPSK	23.37	-0.4	22.97	1.00	30.00	PASS
		50	25		24.46	-0.4	24.06	1.00	30.00	PASS
		1	1		23.95	-0.4	23.55	1.00	30.00	PASS
		1	104		24.54	-0.4	24.14	1.00	30.00	PASS
		1	1	DFT_QAM16	23.1	-0.4	22.70	1.00	30.00	PASS
		1	1	DFT_QAM64	21.73	-0.4	21.33	1.00	30.00	PASS
		1	1	DFT_QAM256	19.54	-0.4	19.14	1.00	30.00	PASS
1	1	CP_QPSK	22.55	-0.4	22.15	1.00	30.00	PASS		
30	Lowest	1	1	DFT_BPSK	24.6	-0.4	24.20	1.00	30.00	PASS
		75	0	DFT_QPSK	24.1	-0.4	23.70	1.00	30.00	PASS
		36	18		25.13	-0.4	24.73	1.00	30.00	PASS
		1	1		24.55	-0.4	24.15	1.00	30.00	PASS
		1	76		24.72	-0.4	24.32	1.00	30.00	PASS
		1	1	DFT_QAM16	23.46	-0.4	23.06	1.00	30.00	PASS
		1	1	DFT_QAM64	22.05	-0.4	21.65	1.00	30.00	PASS
		1	1	DFT_QAM256	20.3	-0.4	19.90	1.00	30.00	PASS
		1	1	CP_QPSK	23.02	-0.4	22.62	1.00	30.00	PASS
		30	Middle	1	1	DFT_BPSK	24.46	-0.4	24.06	1.00
75	0			DFT_QPSK	23.56	-0.4	23.16	1.00	30.00	PASS
36	18				24.68	-0.4	24.28	1.00	30.00	PASS
1	1				24.43	-0.4	24.03	1.00	30.00	PASS
1	76				24.09	-0.4	23.69	1.00	30.00	PASS
1	1			DFT_QAM16	23.47	-0.4	23.07	1.00	30.00	PASS
1	1			DFT_QAM64	21.7	-0.4	21.30	1.00	30.00	PASS
1	1			DFT_QAM256	19.94	-0.4	19.54	1.00	30.00	PASS
1	1			CP_QPSK	22.96	-0.4	22.56	1.00	30.00	PASS
30	Highest			1	1	DFT_BPSK	23.98	-0.4	23.58	1.00
		75	0	DFT_QPSK	23.35	-0.4	22.95	1.00	30.00	PASS
		36	18		24.46	-0.4	24.06	1.00	30.00	PASS
		1	1		23.85	-0.4	23.45	1.00	30.00	PASS
		1	76		24.41	-0.4	24.01	1.00	30.00	PASS
		1	1	DFT_QAM16	23.04	-0.4	22.64	1.00	30.00	PASS
		1	1	DFT_QAM64	21.24	-0.4	20.84	1.00	30.00	PASS
		1	1	DFT_QAM256	19.39	-0.4	18.99	1.00	30.00	PASS
		1	1	CP_QPSK	22.39	-0.4	21.99	1.00	30.00	PASS



40	Lowest	1	1	DFT_BPSK	24.47	-0.4	24.07	1.00	30.00	PASS
		100	0	DFT_QPSK	23.91	-0.4	23.51	1.00	30.00	PASS
		50	25		25.19	-0.4	24.79	1.00	30.00	PASS
		1	1		24.47	-0.4	24.07	1.00	30.00	PASS
		1	104		24.1	-0.4	23.70	1.00	30.00	PASS
		1	1		DFT_QAM16	23.59	-0.4	23.19	1.00	30.00
		1	1	DFT_QAM64	21.96	-0.4	21.56	1.00	30.00	PASS
		1	1	DFT_QAM256	20.08	-0.4	19.68	1.00	30.00	PASS
		1	1	CP_QPSK	23.04	-0.4	22.64	1.00	30.00	PASS
	Middle	1	1	DFT_BPSK	24.57	-0.4	24.17	1.00	30.00	PASS
		100	0	DFT_QPSK	23.56	-0.4	23.16	1.00	30.00	PASS
		50	25		24.65	-0.4	24.25	1.00	30.00	PASS
		1	1		24.57	-0.4	24.17	1.00	30.00	PASS
		1	104		23.87	-0.4	23.47	1.00	30.00	PASS
		1	1		DFT_QAM16	23.6	-0.4	23.20	1.00	30.00
		1	1	DFT_QAM64	22.13	-0.4	21.73	1.00	30.00	PASS
		1	1	DFT_QAM256	20.21	-0.4	19.81	1.00	30.00	PASS
		1	1	CP_QPSK	22.99	-0.4	22.59	1.00	30.00	PASS
	Highest	1	1	DFT_BPSK	24.05	-0.4	23.65	1.00	30.00	PASS
		100	0	DFT_QPSK	23.26	-0.4	22.86	1.00	30.00	PASS
		50	25		24.29	-0.4	23.89	1.00	30.00	PASS
		1	1		24.02	-0.4	23.62	1.00	30.00	PASS
		1	104		24.31	-0.4	23.91	1.00	30.00	PASS
		1	1		DFT_QAM16	23.2	-0.4	22.80	1.00	30.00
		1	1	DFT_QAM64	21.87	-0.4	21.47	1.00	30.00	PASS
		1	1	DFT_QAM256	19.7	-0.4	19.30	1.00	30.00	PASS
		1	1	CP_QPSK	22.49	-0.4	22.09	1.00	30.00	PASS
	50	Lowest	1	1	DFT_BPSK	24.84	-0.4	24.44	1.00	30.00
128			0	DFT_QPSK	23.96	-0.4	23.56	1.00	30.00	PASS
64			32		25.11	-0.4	24.71	1.00	30.00	PASS
1			1		24.79	-0.4	24.39	1.00	30.00	PASS
1			131		24.35	-0.4	23.95	1.00	30.00	PASS
1			1		DFT_QAM16	23.81	-0.4	23.41	1.00	30.00
1			1	DFT_QAM64	22.45	-0.4	22.05	1.00	30.00	PASS
1			1	DFT_QAM256	20.31	-0.4	19.91	1.00	30.00	PASS
1			1	CP_QPSK	23.25	-0.4	22.85	1.00	30.00	PASS
Middle		1	1	DFT_BPSK	24.97	-0.4	24.57	1.00	30.00	PASS
		128	0	DFT_QPSK	23.59	-0.4	23.19	1.00	30.00	PASS



	64	32		24.61	-0.4	24.21	1.00	30.00	PASS	
	1	1		24.93	-0.4	24.53	1.00	30.00	PASS	
	1	131		24.13	-0.4	23.73	1.00	30.00	PASS	
	1	1	DFT_QAM16	24.02	-0.4	23.62	1.00	30.00	PASS	
	1	1	DFT_QAM64	22.48	-0.4	22.08	1.00	30.00	PASS	
	1	1	DFT_QAM256	20.49	-0.4	20.09	1.00	30.00	PASS	
	1	1	CP_QPSK	23.49	-0.4	23.09	1.00	30.00	PASS	
	Highest	1	1	DFT_BPSK	24.48	-0.4	24.08	1.00	30.00	PASS
		128	0	DFT_QPSK	23.37	-0.4	22.97	1.00	30.00	PASS
		64	32		24.35	-0.4	23.95	1.00	30.00	PASS
		1	1		24.43	-0.4	24.03	1.00	30.00	PASS
		1	131		24.56	-0.4	24.16	1.00	30.00	PASS
		1	1	DFT_QAM16	23.36	-0.4	22.96	1.00	30.00	PASS
		1	1	DFT_QAM64	21.89	-0.4	21.49	1.00	30.00	PASS
		1	1	DFT_QAM256	20.07	-0.4	19.67	1.00	30.00	PASS
1	1	CP_QPSK	22.92	-0.4	22.52	1.00	30.00	PASS		



n78(3450-3550MHz)SCS=30KHz

Radiated Power (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	25.28	-0.4	24.88	1.00	30.00	PASS
		24	0	DFT_QPSK	24.26	-0.4	23.86	1.00	30.00	PASS
		12	6		25.34	-0.4	24.94	1.00	30.00	PASS
		1	1		25.22	-0.4	24.82	1.00	30.00	PASS
		1	22		25.32	-0.4	24.92	1.00	30.00	PASS
		1	1		DFT_QAM16	24.14	-0.4	23.74	1.00	30.00
		1	1	DFT_QAM64	22.76	-0.4	22.36	1.00	30.00	PASS
		1	1	DFT_QAM256	20.93	-0.4	20.53	1.00	30.00	PASS
		1	1	CP_QPSK	23.68	-0.4	23.28	1.00	30.00	PASS
	Middle	1	1	DFT_BPSK	24.86	-0.4	24.46	1.00	30.00	PASS
		24	0	DFT_QPSK	23.96	-0.4	23.56	1.00	30.00	PASS
		12	6		24.97	-0.4	24.57	1.00	30.00	PASS
		1	1		24.85	-0.4	24.45	1.00	30.00	PASS
		1	22		24.81	-0.4	24.41	1.00	30.00	PASS
		1	1		DFT_QAM16	23.72	-0.4	23.32	1.00	30.00
		1	1	DFT_QAM64	22.51	-0.4	22.11	1.00	30.00	PASS
		1	1	DFT_QAM256	20.59	-0.4	20.19	1.00	30.00	PASS
		1	1	CP_QPSK	23.37	-0.4	22.97	1.00	30.00	PASS
	Highest	1	1	DFT_BPSK	24.91	-0.4	24.51	1.00	30.00	PASS
		24	0	DFT_QPSK	23.96	-0.4	23.56	1.00	30.00	PASS
		12	6		24.95	-0.4	24.55	1.00	30.00	PASS
		1	1		24.75	-0.4	24.35	1.00	30.00	PASS
		1	22		24.83	-0.4	24.43	1.00	30.00	PASS
		1	1		DFT_QAM16	23.63	-0.4	23.23	1.00	30.00
		1	1	DFT_QAM64	22.32	-0.4	21.92	1.00	30.00	PASS
		1	1	DFT_QAM256	20.62	-0.4	20.22	1.00	30.00	PASS
		1	1	CP_QPSK	23.17	-0.4	22.77	1.00	30.00	PASS
	15	Lowest	1	1	DFT_BPSK	25.18	-0.4	24.78	1.00	30.00
36			0	DFT_QPSK	24.28	-0.4	23.88	1.00	30.00	PASS
18			9		25.25	-0.4	24.85	1.00	30.00	PASS
1			1		25.15	-0.4	24.75	1.00	30.00	PASS
1			36		25.26	-0.4	24.86	1.00	30.00	PASS
1			1		DFT_QAM16	24	-0.4	23.60	1.00	30.00



		1	1	DFT_QAM64	22.66	-0.4	22.26	1.00	30.00	PASS	
		1	1	DFT_QAM256	20.98	-0.4	20.58	1.00	30.00	PASS	
		1	1	CP_QPSK	23.5	-0.4	23.10	1.00	30.00	PASS	
	Middle	DFT_QPSK	1	1	DFT_BPSK	24.8	-0.4	24.40	1.00	30.00	PASS
			36	0		23.9	-0.4	23.50	1.00	30.00	PASS
			18	9		24.86	-0.4	24.46	1.00	30.00	PASS
			1	1		24.76	-0.4	24.36	1.00	30.00	PASS
			1	36		24.74	-0.4	24.34	1.00	30.00	PASS
		1	1	DFT_QAM16	23.84	-0.4	23.44	1.00	30.00	PASS	
		1	1	DFT_QAM64	22.45	-0.4	22.05	1.00	30.00	PASS	
		1	1	DFT_QAM256	20.2	-0.4	19.80	1.00	30.00	PASS	
		1	1	CP_QPSK	23.3	-0.4	22.90	1.00	30.00	PASS	
	Highest	DFT_QPSK	1	1	DFT_BPSK	24.48	-0.4	24.08	1.00	30.00	PASS
			36	0		23.78	-0.4	23.38	1.00	30.00	PASS
			18	9		24.75	-0.4	24.35	1.00	30.00	PASS
			1	1		24.49	-0.4	24.09	1.00	30.00	PASS
			1	36		24.7	-0.4	24.30	1.00	30.00	PASS
		1	1	DFT_QAM16	23.34	-0.4	22.94	1.00	30.00	PASS	
		1	1	DFT_QAM64	21.95	-0.4	21.55	1.00	30.00	PASS	
		1	1	DFT_QAM256	20.26	-0.4	19.86	1.00	30.00	PASS	
1		1	CP_QPSK	22.86	-0.4	22.46	1.00	30.00	PASS		
20	Lowest	1	1	DFT_BPSK	25.06	-0.4	24.66	1.00	30.00	PASS	
		50	0	DFT_QPSK	24.22	-0.4	23.82	1.00	30.00	PASS	
		25	12		25.24	-0.4	24.84	1.00	30.00	PASS	
		1	1		24.99	-0.4	24.59	1.00	30.00	PASS	
		1	49		25.23	-0.4	24.83	1.00	30.00	PASS	
		1	1	DFT_QAM16	24.12	-0.4	23.72	1.00	30.00	PASS	
		1	1	DFT_QAM64	22.54	-0.4	22.14	1.00	30.00	PASS	
		1	1	DFT_QAM256	20.46	-0.4	20.06	1.00	30.00	PASS	
		1	1	CP_QPSK	23.55	-0.4	23.15	1.00	30.00	PASS	
	Middle	DFT_QPSK	1	1	DFT_BPSK	24.65	-0.4	24.25	1.00	30.00	PASS
			50	0		23.75	-0.4	23.35	1.00	30.00	PASS
			25	12		24.8	-0.4	24.40	1.00	30.00	PASS
			1	1		24.63	-0.4	24.23	1.00	30.00	PASS
			1	49		24.57	-0.4	24.17	1.00	30.00	PASS
		1	1	DFT_QAM16	24.04	-0.4	23.64	1.00	30.00	PASS	
		1	1	DFT_QAM64	22.21	-0.4	21.81	1.00	30.00	PASS	
		1	1	DFT_QAM256	20.08	-0.4	19.68	1.00	30.00	PASS	



	Highest	1	1	CP_QPSK	23.11	-0.4	22.71	1.00	30.00	PASS	
		1	1	DFT_BPSK	24.17	-0.4	23.77	1.00	30.00	PASS	
		50	0	DFT_QPSK	23.58	-0.4	23.18	1.00	30.00	PASS	
		25	12		24.62	-0.4	24.22	1.00	30.00	PASS	
		1	1		24.18	-0.4	23.78	1.00	30.00	PASS	
		1	49		24.55	-0.4	24.15	1.00	30.00	PASS	
		1	1	DFT_QAM16	23.58	-0.4	23.18	1.00	30.00	PASS	
		1	1	DFT_QAM64	21.72	-0.4	21.32	1.00	30.00	PASS	
		1	1	DFT_QAM256	19.84	-0.4	19.44	1.00	30.00	PASS	
		1	1	CP_QPSK	22.61	-0.4	22.21	1.00	30.00	PASS	
30	Lowest	1	1	DFT_BPSK	24.86	-0.4	24.46	1.00	30.00	PASS	
		75	0	DFT_QPSK	24.27	-0.4	23.87	1.00	30.00	PASS	
		36	18		25.33	-0.4	24.93	1.00	30.00	PASS	
		1	1		24.79	-0.4	24.39	1.00	30.00	PASS	
		1	76		24.95	-0.4	24.55	1.00	30.00	PASS	
		1	1	DFT_QAM16	23.67	-0.4	23.27	1.00	30.00	PASS	
		1	1	DFT_QAM64	22.42	-0.4	22.02	1.00	30.00	PASS	
		1	1	DFT_QAM256	20.64	-0.4	20.24	1.00	30.00	PASS	
		1	1	CP_QPSK	23.2	-0.4	22.80	1.00	30.00	PASS	
		Middle	1	1	DFT_BPSK	24.59	-0.4	24.19	1.00	30.00	PASS
	75		0	DFT_QPSK	23.82	-0.4	23.42	1.00	30.00	PASS	
	36		18		24.88	-0.4	24.48	1.00	30.00	PASS	
	1		1		24.56	-0.4	24.16	1.00	30.00	PASS	
	1		76		24.38	-0.4	23.98	1.00	30.00	PASS	
	1		1	DFT_QAM16	23.73	-0.4	23.33	1.00	30.00	PASS	
	1		1	DFT_QAM64	22.12	-0.4	21.72	1.00	30.00	PASS	
	1		1	DFT_QAM256	20.4	-0.4	20.00	1.00	30.00	PASS	
	1		1	CP_QPSK	23.06	-0.4	22.66	1.00	30.00	PASS	
	Highest		1	1	DFT_BPSK	24.19	-0.4	23.79	1.00	30.00	PASS
		75	0	DFT_QPSK	23.61	-0.4	23.21	1.00	30.00	PASS	
		36	18		24.62	-0.4	24.22	1.00	30.00	PASS	
		1	1		24.13	-0.4	23.73	1.00	30.00	PASS	
		1	76		24.59	-0.4	24.19	1.00	30.00	PASS	
		1	1	DFT_QAM16	23.25	-0.4	22.85	1.00	30.00	PASS	
		1	1	DFT_QAM64	21.84	-0.4	21.44	1.00	30.00	PASS	
		1	1	DFT_QAM256	19.9	-0.4	19.50	1.00	30.00	PASS	
		1	1	CP_QPSK	22.53	-0.4	22.13	1.00	30.00	PASS	
		40	Lowest	1	1	DFT_BPSK	24.64	-0.4	24.24	1.00	30.00



		100	0	DFT_QPSK	24.23	-0.4	23.83	1.00	30.00	PASS	
		50	25		25.35	-0.4	24.95	1.00	30.00	PASS	
		1	1		24.69	-0.4	24.29	1.00	30.00	PASS	
		1	104		24.43	-0.4	24.03	1.00	30.00	PASS	
		1	1	DFT_QAM16	23.79	-0.4	23.39	1.00	30.00	PASS	
		1	1	DFT_QAM64	22.18	-0.4	21.78	1.00	30.00	PASS	
		1	1	DFT_QAM256	20.08	-0.4	19.68	1.00	30.00	PASS	
		1	1	CP_QPSK	23.09	-0.4	22.69	1.00	30.00	PASS	
	Middle	1	1	DFT_BPSK	24.64	-0.4	24.24	1.00	30.00	PASS	
		100	0	DFT_QPSK	23.79	-0.4	23.39	1.00	30.00	PASS	
		50	25		24.86	-0.4	24.46	1.00	30.00	PASS	
		1	1		24.59	-0.4	24.19	1.00	30.00	PASS	
		1	104		24.17	-0.4	23.77	1.00	30.00	PASS	
		1	1	DFT_QAM16	23.5	-0.4	23.10	1.00	30.00	PASS	
		1	1	DFT_QAM64	22.3	-0.4	21.90	1.00	30.00	PASS	
		1	1	DFT_QAM256	20.25	-0.4	19.85	1.00	30.00	PASS	
	1	1	CP_QPSK	23.04	-0.4	22.64	1.00	30.00	PASS		
	Highest	1	1	DFT_BPSK	24.18	-0.4	23.78	1.00	30.00	PASS	
		100	0	DFT_QPSK	23.51	-0.4	23.11	1.00	30.00	PASS	
		50	25		24.36	-0.4	23.96	1.00	30.00	PASS	
		1	1		24.11	-0.4	23.71	1.00	30.00	PASS	
		1	104		24.4	-0.4	24.00	1.00	30.00	PASS	
		1	1	DFT_QAM16	23.02	-0.4	22.62	1.00	30.00	PASS	
		1	1	DFT_QAM64	21.69	-0.4	21.29	1.00	30.00	PASS	
		1	1	DFT_QAM256	19.97	-0.4	19.57	1.00	30.00	PASS	
	1	1	CP_QPSK	22.58	-0.4	22.18	1.00	30.00	PASS		
	50	Lowest	1	1	DFT_BPSK	24.84	-0.4	24.44	1.00	30.00	PASS
			128	0	DFT_QPSK	24.06	-0.4	23.66	1.00	30.00	PASS
64			32	25.25		-0.4	24.85	1.00	30.00	PASS	
1			1	24.93		-0.4	24.53	1.00	30.00	PASS	
1			131	24.57		-0.4	24.17	1.00	30.00	PASS	
1			1	DFT_QAM16	23.95	-0.4	23.55	1.00	30.00	PASS	
1			1	DFT_QAM64	22.49	-0.4	22.09	1.00	30.00	PASS	
1			1	DFT_QAM256	20.29	-0.4	19.89	1.00	30.00	PASS	
1		1	CP_QPSK	23.4	-0.4	23.00	1.00	30.00	PASS		
Middle		1	1	DFT_BPSK	25.07	-0.4	24.67	1.00	30.00	PASS	
		128	0	DFT_QPSK	23.75	-0.4	23.35	1.00	30.00	PASS	
		64	32		24.79	-0.4	24.39	1.00	30.00	PASS	



		1	1		25.05	-0.4	24.65	1.00	30.00	PASS	
		1	131		24.29	-0.4	23.89	1.00	30.00	PASS	
		1	1	DFT_QAM16	24.13	-0.4	23.73	1.00	30.00	PASS	
		1	1	DFT_QAM64	22.28	-0.4	21.88	1.00	30.00	PASS	
		1	1	DFT_QAM256	20.54	-0.4	20.14	1.00	30.00	PASS	
		1	1	CP_QPSK	23.45	-0.4	23.05	1.00	30.00	PASS	
	Highest		1	1	DFT_BPSK	24.47	-0.4	24.07	1.00	30.00	PASS
			128	0	DFT_QPSK	23.58	-0.4	23.18	1.00	30.00	PASS
			64	32		24.48	-0.4	24.08	1.00	30.00	PASS
			1	1		24.53	-0.4	24.13	1.00	30.00	PASS
			1	131		24.68	-0.4	24.28	1.00	30.00	PASS
			1	1		DFT_QAM16	23.65	-0.4	23.25	1.00	30.00
			1	1	DFT_QAM64	21.72	-0.4	21.32	1.00	30.00	PASS
			1	1	DFT_QAM256	20.05	-0.4	19.65	1.00	30.00	PASS
			1	1	CP_QPSK	22.89	-0.4	22.49	1.00	30.00	PASS
	60	Lowest	1	1	DFT_BPSK	24.75	-0.4	24.35	1.00	30.00	PASS
			162	0	DFT_QPSK	23.96	-0.4	23.56	1.00	30.00	PASS
			81	40		25.1	-0.4	24.70	1.00	30.00	PASS
			1	1		24.75	-0.4	24.35	1.00	30.00	PASS
1			160	24.27		-0.4	23.87	1.00	30.00	PASS	
1			1	DFT_QAM16	23.83	-0.4	23.43	1.00	30.00	PASS	
1			1	DFT_QAM64	22	-0.4	21.60	1.00	30.00	PASS	
1			1	DFT_QAM256	20.23	-0.4	19.83	1.00	30.00	PASS	
1			1	CP_QPSK	23.02	-0.4	22.62	1.00	30.00	PASS	
Middle			1	1	DFT_BPSK	24.88	-0.4	24.48	1.00	30.00	PASS
			162	0	DFT_QPSK	23.66	-0.4	23.26	1.00	30.00	PASS
			81	40		24.74	-0.4	24.34	1.00	30.00	PASS
			1	1		24.89	-0.4	24.49	1.00	30.00	PASS
			1	160		24.01	-0.4	23.61	1.00	30.00	PASS
			1	1	DFT_QAM16	24.05	-0.4	23.65	1.00	30.00	PASS
			1	1	DFT_QAM64	22.63	-0.4	22.23	1.00	30.00	PASS
			1	1	DFT_QAM256	20.74	-0.4	20.34	1.00	30.00	PASS
			1	1	CP_QPSK	23.24	-0.4	22.84	1.00	30.00	PASS
Highest			1	1	DFT_BPSK	24.31	-0.4	23.91	1.00	30.00	PASS
	162		0	DFT_QPSK	23.52	-0.4	23.12	1.00	30.00	PASS	
	81		40		24.52	-0.4	24.12	1.00	30.00	PASS	
	1		1		24.25	-0.4	23.85	1.00	30.00	PASS	
	1		160		24.45	-0.4	24.05	1.00	30.00	PASS	



		1	1	DFT_QAM16	23.24	-0.4	22.84	1.00	30.00	PASS
		1	1	DFT_QAM64	22	-0.4	21.60	1.00	30.00	PASS
		1	1	DFT_QAM256	20.09	-0.4	19.69	1.00	30.00	PASS
		1	1	CP_QPSK	22.64	-0.4	22.24	1.00	30.00	PASS
80	Lowest	1	1	DFT_BPSK	24.44	-0.4	24.04	1.00	30.00	PASS
		216	0	DFT_QPSK	23.84	-0.4	23.44	1.00	30.00	PASS
		108	54		25	-0.4	24.60	1.00	30.00	PASS
		1	1		24.57	-0.4	24.17	1.00	30.00	PASS
		1	215		23.83	-0.4	23.43	1.00	30.00	PASS
		1	1	DFT_QAM16	23.64	-0.4	23.24	1.00	30.00	PASS
		1	1	DFT_QAM64	22.12	-0.4	21.72	1.00	30.00	PASS
		1	1	DFT_QAM256	19.83	-0.4	19.43	1.00	30.00	PASS
		1	1	CP_QPSK	23.11	-0.4	22.71	1.00	30.00	PASS
	Middle	1	1	DFT_BPSK	24.56	-0.4	24.16	1.00	30.00	PASS
		216	0	DFT_QPSK	23.71	-0.4	23.31	1.00	30.00	PASS
		108	54		24.83	-0.4	24.43	1.00	30.00	PASS
		1	1		24.66	-0.4	24.26	1.00	30.00	PASS
		1	215		24.19	-0.4	23.79	1.00	30.00	PASS
		1	1	DFT_QAM16	23.64	-0.4	23.24	1.00	30.00	PASS
		1	1	DFT_QAM64	22.07	-0.4	21.67	1.00	30.00	PASS
		1	1	DFT_QAM256	19.97	-0.4	19.57	1.00	30.00	PASS
		1	1	CP_QPSK	23.13	-0.4	22.73	1.00	30.00	PASS
	Highest	1	1	DFT_BPSK	24.67	-0.4	24.27	1.00	30.00	PASS
		216	0	DFT_QPSK	23.72	-0.4	23.32	1.00	30.00	PASS
		108	54		24.62	-0.4	24.22	1.00	30.00	PASS
		1	1		24.79	-0.4	24.39	1.00	30.00	PASS
		1	215		24.32	-0.4	23.92	1.00	30.00	PASS
		1	1	DFT_QAM16	23.86	-0.4	23.46	1.00	30.00	PASS
		1	1	DFT_QAM64	22.19	-0.4	21.79	1.00	30.00	PASS
		1	1	DFT_QAM256	20.11	-0.4	19.71	1.00	30.00	PASS
		1	1	CP_QPSK	23.29	-0.4	22.89	1.00	30.00	PASS
	90	Lowest	1	1	DFT_BPSK	24.41	-0.4	24.01	1.00	30.00
240			0	DFT_QPSK	23.72	-0.4	23.32	1.00	30.00	PASS
120			60		24.79	-0.4	24.39	1.00	30.00	PASS
1			1		24.41	-0.4	24.01	1.00	30.00	PASS
1			243		24.08	-0.4	23.68	1.00	30.00	PASS
1			1	DFT_QAM16	23.51	-0.4	23.11	1.00	30.00	PASS
1			1	DFT_QAM64	21.94	-0.4	21.54	1.00	30.00	PASS



100	Middle	1	1	DFT_QAM256	19.74	-0.4	19.34	1.00	30.00	PASS
		1	1	CP_QPSK	22.99	-0.4	22.59	1.00	30.00	PASS
		1	1	DFT_BPSK	24.43	-0.4	24.03	1.00	30.00	PASS
		240	0	DFT_QPSK	23.68	-0.4	23.28	1.00	30.00	PASS
		120	60		24.74	-0.4	24.34	1.00	30.00	PASS
		1	1		24.36	-0.4	23.96	1.00	30.00	PASS
		1	243		24.15	-0.4	23.75	1.00	30.00	PASS
		1	1	DFT_QAM16	23.44	-0.4	23.04	1.00	30.00	PASS
		1	1	DFT_QAM64	21.98	-0.4	21.58	1.00	30.00	PASS
		1	1	DFT_QAM256	19.82	-0.4	19.42	1.00	30.00	PASS
	1	1	CP_QPSK	22.98	-0.4	22.58	1.00	30.00	PASS	
	Highest	1	1	DFT_BPSK	24.5	-0.4	24.10	1.00	30.00	PASS
		240	0	DFT_QPSK	23.7	-0.4	23.30	1.00	30.00	PASS
		120	60		24.62	-0.4	24.22	1.00	30.00	PASS
		1	1		24.39	-0.4	23.99	1.00	30.00	PASS
		1	243		24.13	-0.4	23.73	1.00	30.00	PASS
		1	1	DFT_QAM16	23.92	-0.4	23.52	1.00	30.00	PASS
		1	1	DFT_QAM64	21.71	-0.4	21.31	1.00	30.00	PASS
		1	1	DFT_QAM256	19.98	-0.4	19.58	1.00	30.00	PASS
		1	1	CP_QPSK	22.83	-0.4	22.43	1.00	30.00	PASS
Lowest		1	1	DFT_BPSK	24.15	-0.4	23.75	1.00	30.00	PASS
	270	0	DFT_QPSK	23.72	-0.4	23.32	1.00	30.00	PASS	
	135	67		24.82	-0.4	24.42	1.00	30.00	PASS	
	1	1		24.09	-0.4	23.69	1.00	30.00	PASS	
	1	271		23.99	-0.4	23.59	1.00	30.00	PASS	
	1	1	DFT_QAM16	23.61	-0.4	23.21	1.00	30.00	PASS	
	1	1	DFT_QAM64	21.39	-0.4	20.99	1.00	30.00	PASS	
	1	1	DFT_QAM256	19.69	-0.4	19.29	1.00	30.00	PASS	
	1	1	CP_QPSK	22.62	-0.4	22.22	1.00	30.00	PASS	
	Highest	1	1	DFT_BPSK	24.23	-0.4	23.83	1.00	30.00	PASS
270		0	DFT_QPSK	23.64	-0.4	23.24	1.00	30.00	PASS	
135		67		24.76	-0.4	24.36	1.00	30.00	PASS	
1		1		24.17	-0.4	23.77	1.00	30.00	PASS	
1		271		23.98	-0.4	23.58	1.00	30.00	PASS	
1		1	DFT_QAM16	23.57	-0.4	23.17	1.00	30.00	PASS	
1		1	DFT_QAM64	21.46	-0.4	21.06	1.00	30.00	PASS	
1		1	DFT_QAM256	19.7	-0.4	19.30	1.00	30.00	PASS	
1		1	CP_QPSK	22.53	-0.4	22.13	1.00	30.00	PASS	



n78(3700-3800MHz)SCS=15KHz

Radiated Power (EIRP) for NR n78 / 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
10	Lowest	1	1	DFT_BPSK	24.67	-0.4	24.27	1.00	30.00	PASS
		50	0	DFT_QPSK	23.7	-0.4	23.30	1.00	30.00	PASS
		25	12		24.7	-0.4	24.30	1.00	30.00	PASS
		1	1		24.6	-0.4	24.20	1.00	30.00	PASS
		1	50		24.52	-0.4	24.12	1.00	30.00	PASS
		1	1		DFT_QAM16	23.42	-0.4	23.02	1.00	30.00
		1	1	DFT_QAM64	21.92	-0.4	21.52	1.00	30.00	PASS
		1	1	DFT_QAM256	19.95	-0.4	19.55	1.00	30.00	PASS
		1	1	CP_QPSK	23.08	-0.4	22.68	1.00	30.00	PASS
	Middle	1	1	DFT_BPSK	24.44	-0.4	24.04	1.00	30.00	PASS
		50	0	DFT_QPSK	23.66	-0.4	23.26	1.00	30.00	PASS
		25	12		24.67	-0.4	24.27	1.00	30.00	PASS
		1	1		24.39	-0.4	23.99	1.00	30.00	PASS
		1	50		24.54	-0.4	24.14	1.00	30.00	PASS
		1	1	DFT_QAM16	23.46	-0.4	23.06	1.00	30.00	PASS
		1	1	DFT_QAM64	22.17	-0.4	21.77	1.00	30.00	PASS
		1	1	DFT_QAM256	19.83	-0.4	19.43	1.00	30.00	PASS
		1	1	CP_QPSK	22.95	-0.4	22.55	1.00	30.00	PASS
	Highest	1	1	DFT_BPSK	25.09	-0.4	24.69	1.00	30.00	PASS
		50	0	DFT_QPSK	24.28	-0.4	23.88	1.00	30.00	PASS
		25	12		25.32	-0.4	24.92	1.00	30.00	PASS
		1	1		25.02	-0.4	24.62	1.00	30.00	PASS
		1	50		25.36	-0.4	24.96	1.00	30.00	PASS
		1	1	DFT_QAM16	24.05	-0.4	23.65	1.00	30.00	PASS
		1	1	DFT_QAM64	22.79	-0.4	22.39	1.00	30.00	PASS
		1	1	DFT_QAM256	20.42	-0.4	20.02	1.00	30.00	PASS
		1	1	CP_QPSK	23.58	-0.4	23.18	1.00	30.00	PASS
	15	Lowest	1	1	DFT_BPSK	24.53	-0.4	24.13	1.00	30.00
75			0	DFT_QPSK	23.67	-0.4	23.27	1.00	30.00	PASS
36			18		24.66	-0.4	24.26	1.00	30.00	PASS
1			1		24.52	-0.4	24.12	1.00	30.00	PASS
1			77		24.42	-0.4	24.02	1.00	30.00	PASS
1			1	DFT_QAM16	23.31	-0.4	22.91	1.00	30.00	PASS



		1	1	DFT_QAM64	21.86	-0.4	21.46	1.00	30.00	PASS	
		1	1	DFT_QAM256	19.8	-0.4	19.40	1.00	30.00	PASS	
		1	1	CP_QPSK	23.03	-0.4	22.63	1.00	30.00	PASS	
	Middle		1	1	DFT_BPSK	24.42	-0.4	24.02	1.00	30.00	PASS
			75	0	DFT_QPSK	23.63	-0.4	23.23	1.00	30.00	PASS
			36	18		24.6	-0.4	24.20	1.00	30.00	PASS
			1	1		24.41	-0.4	24.01	1.00	30.00	PASS
		1	77	24.58	-0.4	24.18	1.00	30.00	PASS		
		1	1	DFT_QAM16	23.29	-0.4	22.89	1.00	30.00	PASS	
		1	1	DFT_QAM64	21.76	-0.4	21.36	1.00	30.00	PASS	
		1	1	DFT_QAM256	19.87	-0.4	19.47	1.00	30.00	PASS	
		1	1	CP_QPSK	22.9	-0.4	22.50	1.00	30.00	PASS	
	Highest		1	1	DFT_BPSK	24.74	-0.4	24.34	1.00	30.00	PASS
			75	0	DFT_QPSK	24.22	-0.4	23.82	1.00	30.00	PASS
			36	18		25.29	-0.4	24.89	1.00	30.00	PASS
			1	1		24.77	-0.4	24.37	1.00	30.00	PASS
		1	77	25.28	-0.4	24.88	1.00	30.00	PASS		
		1	1	DFT_QAM16	23.81	-0.4	23.41	1.00	30.00	PASS	
		1	1	DFT_QAM64	22.13	-0.4	21.73	1.00	30.00	PASS	
		1	1	DFT_QAM256	20.2	-0.4	19.80	1.00	30.00	PASS	
1		1	CP_QPSK	23.26	-0.4	22.86	1.00	30.00	PASS		
20	Lowest	1	1	DFT_BPSK	24.67	-0.4	24.27	1.00	30.00	PASS	
		100	0	DFT_QPSK	23.57	-0.4	23.17	1.00	30.00	PASS	
		50	25		24.55	-0.4	24.15	1.00	30.00	PASS	
		1	1		24.55	-0.4	24.15	1.00	30.00	PASS	
		1	104		24.36	-0.4	23.96	1.00	30.00	PASS	
		1	1	DFT_QAM16	23.61	-0.4	23.21	1.00	30.00	PASS	
		1	1	DFT_QAM64	21.91	-0.4	21.51	1.00	30.00	PASS	
		1	1	DFT_QAM256	20.19	-0.4	19.79	1.00	30.00	PASS	
		1	1	CP_QPSK	23.04	-0.4	22.64	1.00	30.00	PASS	
	Middle		1	1	DFT_BPSK	24.44	-0.4	24.04	1.00	30.00	PASS
			100	0	DFT_QPSK	23.62	-0.4	23.22	1.00	30.00	PASS
			50	25		24.61	-0.4	24.21	1.00	30.00	PASS
			1	1		24.41	-0.4	24.01	1.00	30.00	PASS
		1	104	24.59	-0.4	24.19	1.00	30.00	PASS		
		1	1	DFT_QAM16	23.42	-0.4	23.02	1.00	30.00	PASS	
		1	1	DFT_QAM64	21.69	-0.4	21.29	1.00	30.00	PASS	
		1	1	DFT_QAM256	19.77	-0.4	19.37	1.00	30.00	PASS	



	Highest	1	1	CP_QPSK	22.87	-0.4	22.47	1.00	30.00	PASS
		1	1	DFT_BPSK	24.73	-0.4	24.33	1.00	30.00	PASS
		100	0	DFT_QPSK	24.16	-0.4	23.76	1.00	30.00	PASS
		50	25		25.2	-0.4	24.80	1.00	30.00	PASS
		1	1		24.74	-0.4	24.34	1.00	30.00	PASS
		1	104		25.32	-0.4	24.92	1.00	30.00	PASS
		1	1	DFT_QAM16	23.57	-0.4	23.17	1.00	30.00	PASS
		1	1	DFT_QAM64	22.25	-0.4	21.85	1.00	30.00	PASS
		1	1	DFT_QAM256	20.29	-0.4	19.89	1.00	30.00	PASS
		1	1	CP_QPSK	23.23	-0.4	22.83	1.00	30.00	PASS
30	Lowest	1	1	DFT_BPSK	24.41	-0.4	24.01	1.00	30.00	PASS
		75	0	DFT_QPSK	23.53	-0.4	23.13	1.00	30.00	PASS
		36	18		24.56	-0.4	24.16	1.00	30.00	PASS
		1	1		24.46	-0.4	24.06	1.00	30.00	PASS
		1	76		24.15	-0.4	23.75	1.00	30.00	PASS
		1	1	DFT_QAM16	23.44	-0.4	23.04	1.00	30.00	PASS
		1	1	DFT_QAM64	21.72	-0.4	21.32	1.00	30.00	PASS
		1	1	DFT_QAM256	19.9	-0.4	19.50	1.00	30.00	PASS
		1	1	CP_QPSK	22.81	-0.4	22.41	1.00	30.00	PASS
		Middle	1	1	DFT_BPSK	24.17	-0.4	23.77	1.00	30.00
	75		0	DFT_QPSK	23.66	-0.4	23.26	1.00	30.00	PASS
	36		18		24.6	-0.4	24.20	1.00	30.00	PASS
	1		1		24.13	-0.4	23.73	1.00	30.00	PASS
	1		76		24.36	-0.4	23.96	1.00	30.00	PASS
	1		1	DFT_QAM16	23.1	-0.4	22.70	1.00	30.00	PASS
	1		1	DFT_QAM64	21.43	-0.4	21.03	1.00	30.00	PASS
	1		1	DFT_QAM256	19.59	-0.4	19.19	1.00	30.00	PASS
	1		1	CP_QPSK	22.56	-0.4	22.16	1.00	30.00	PASS
	Highest		1	1	DFT_BPSK	24.4	-0.4	24.00	1.00	30.00
		75	0	DFT_QPSK	24	-0.4	23.60	1.00	30.00	PASS
		36	18		25.03	-0.4	24.63	1.00	30.00	PASS
		1	1		24.39	-0.4	23.99	1.00	30.00	PASS
		1	76		25.02	-0.4	24.62	1.00	30.00	PASS
		1	1	DFT_QAM16	23.29	-0.4	22.89	1.00	30.00	PASS
		1	1	DFT_QAM64	21.65	-0.4	21.25	1.00	30.00	PASS
		1	1	DFT_QAM256	19.63	-0.4	19.23	1.00	30.00	PASS
		1	1	CP_QPSK	22.86	-0.4	22.46	1.00	30.00	PASS
		40	Lowest	1	1	DFT_BPSK	24.27	-0.4	23.87	1.00



		100	0	DFT_QPSK	23.39	-0.4	22.99	1.00	30.00	PASS	
		50	25		24.47	-0.4	24.07	1.00	30.00	PASS	
		1	1		24.22	-0.4	23.82	1.00	30.00	PASS	
		1	104		24.13	-0.4	23.73	1.00	30.00	PASS	
		1	1	DFT_QAM16	23.33	-0.4	22.93	1.00	30.00	PASS	
		1	1	DFT_QAM64	21.58	-0.4	21.18	1.00	30.00	PASS	
		1	1	DFT_QAM256	19.64	-0.4	19.24	1.00	30.00	PASS	
		1	1	CP_QPSK	22.84	-0.4	22.44	1.00	30.00	PASS	
	Middle	1	1	DFT_BPSK	23.94	-0.4	23.54	1.00	30.00	PASS	
		100	0	DFT_QPSK	23.57	-0.4	23.17	1.00	30.00	PASS	
		50	25		24.68	-0.4	24.28	1.00	30.00	PASS	
		1	1		23.86	-0.4	23.46	1.00	30.00	PASS	
		1	104		24.29	-0.4	23.89	1.00	30.00	PASS	
		1	1	DFT_QAM16	22.9	-0.4	22.50	1.00	30.00	PASS	
		1	1	DFT_QAM64	21.29	-0.4	20.89	1.00	30.00	PASS	
		1	1	DFT_QAM256	19.29	-0.4	18.89	1.00	30.00	PASS	
	1	1	CP_QPSK	22.44	-0.4	22.04	1.00	30.00	PASS		
	Highest	1	1	DFT_BPSK	24.22	-0.4	23.82	1.00	30.00	PASS	
		100	0	DFT_QPSK	23.82	-0.4	23.42	1.00	30.00	PASS	
		50	25		24.87	-0.4	24.47	1.00	30.00	PASS	
		1	1		24.1	-0.4	23.70	1.00	30.00	PASS	
		1	104		24.94	-0.4	24.54	1.00	30.00	PASS	
		1	1	DFT_QAM16	22.98	-0.4	22.58	1.00	30.00	PASS	
		1	1	DFT_QAM64	21.43	-0.4	21.03	1.00	30.00	PASS	
		1	1	DFT_QAM256	19.67	-0.4	19.27	1.00	30.00	PASS	
	1	1	CP_QPSK	22.65	-0.4	22.25	1.00	30.00	PASS		
	50	Lowest	1	1	DFT_BPSK	24.6	-0.4	24.20	1.00	30.00	PASS
			128	0	DFT_QPSK	23.6	-0.4	23.20	1.00	30.00	PASS
64			32	24.46		-0.4	24.06	1.00	30.00	PASS	
1			1	24.54		-0.4	24.14	1.00	30.00	PASS	
1			131	24.48		-0.4	24.08	1.00	30.00	PASS	
1			1	DFT_QAM16	23.37	-0.4	22.97	1.00	30.00	PASS	
1			1	DFT_QAM64	21.9	-0.4	21.50	1.00	30.00	PASS	
1			1	DFT_QAM256	20.1	-0.4	19.70	1.00	30.00	PASS	
1		1	CP_QPSK	23.12	-0.4	22.72	1.00	30.00	PASS		
Middle		1	1	DFT_BPSK	24.15	-0.4	23.75	1.00	30.00	PASS	
		128	0	DFT_QPSK	23.57	-0.4	23.17	1.00	30.00	PASS	
		64	32		24.61	-0.4	24.21	1.00	30.00	PASS	



Highest	1	1		24.19	-0.4	23.79	1.00	30.00	PASS
	1	131		24.65	-0.4	24.25	1.00	30.00	PASS
	1	1	DFT_QAM16	22.99	-0.4	22.59	1.00	30.00	PASS
	1	1	DFT_QAM64	21.9	-0.4	21.50	1.00	30.00	PASS
	1	1	DFT_QAM256	19.63	-0.4	19.23	1.00	30.00	PASS
	1	1	CP_QPSK	22.75	-0.4	22.35	1.00	30.00	PASS
	1	1	DFT_BPSK	24.44	-0.4	24.04	1.00	30.00	PASS
	128	0	DFT_QPSK	23.9	-0.4	23.50	1.00	30.00	PASS
	64	32		24.8	-0.4	24.40	1.00	30.00	PASS
	1	1		24.4	-0.4	24.00	1.00	30.00	PASS
	1	131		25.24	-0.4	24.84	1.00	30.00	PASS
	1	1	DFT_QAM16	23.23	-0.4	22.83	1.00	30.00	PASS
	1	1	DFT_QAM64	21.92	-0.4	21.52	1.00	30.00	PASS
	1	1	DFT_QAM256	19.83	-0.4	19.43	1.00	30.00	PASS
	1	1	CP_QPSK	22.92	-0.4	22.52	1.00	30.00	PASS



n78(3700-3800MHz)SCS=30KHz

Radiated Power (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	24.74	-0.4	24.34	1.00	30.00	PASS
		24	0	DFT_QPSK	23.77	-0.4	23.37	1.00	30.00	PASS
		12	6		24.82	-0.4	24.42	1.00	30.00	PASS
		1	1		24.81	-0.4	24.41	1.00	30.00	PASS
		1	22		24.63	-0.4	24.23	1.00	30.00	PASS
		1	1		DFT_QAM16	23.54	-0.4	23.14	1.00	30.00
		1	1	DFT_QAM64	22.16	-0.4	21.76	1.00	30.00	PASS
		1	1	DFT_QAM256	20.17	-0.4	19.77	1.00	30.00	PASS
		1	1	CP_QPSK	23.37	-0.4	22.97	1.00	30.00	PASS
	Middle	1	1	DFT_BPSK	24.65	-0.4	24.25	1.00	30.00	PASS
		24	0	DFT_QPSK	23.8	-0.4	23.40	1.00	30.00	PASS
		12	6		24.75	-0.4	24.35	1.00	30.00	PASS
		1	1		24.68	-0.4	24.28	1.00	30.00	PASS
		1	22		24.69	-0.4	24.29	1.00	30.00	PASS
		1	1		DFT_QAM16	23.36	-0.4	22.96	1.00	30.00
		1	1	DFT_QAM64	22	-0.4	21.60	1.00	30.00	PASS
		1	1	DFT_QAM256	20.23	-0.4	19.83	1.00	30.00	PASS
		1	1	CP_QPSK	23.08	-0.4	22.68	1.00	30.00	PASS
	Highest	1	1	DFT_BPSK	25.2	-0.4	24.80	1.00	30.00	PASS
		24	0	DFT_QPSK	24.47	-0.4	24.07	1.00	30.00	PASS
		12	6		25.46	-0.4	25.06	1.00	30.00	PASS
		1	1		25.32	-0.4	24.92	1.00	30.00	PASS
		1	22		25.47	-0.4	25.07	1.00	30.00	PASS
		1	1		DFT_QAM16	24.47	-0.4	24.07	1.00	30.00
		1	1	DFT_QAM64	22.8	-0.4	22.40	1.00	30.00	PASS
		1	1	DFT_QAM256	20.79	-0.4	20.39	1.00	30.00	PASS
		1	1	CP_QPSK	23.63	-0.4	23.23	1.00	30.00	PASS
	15	Lowest	1	1	DFT_BPSK	24.72	-0.4	24.32	1.00	30.00
36			0	DFT_QPSK	23.79	-0.4	23.39	1.00	30.00	PASS
18			9		24.75	-0.4	24.35	1.00	30.00	PASS
1			1		24.76	-0.4	24.36	1.00	30.00	PASS
1			36		24.51	-0.4	24.11	1.00	30.00	PASS
1			1	DFT_QAM16	23.98	-0.4	23.58	1.00	30.00	PASS



		1	1	DFT_QAM64	22.06	-0.4	21.66	1.00	30.00	PASS	
		1	1	DFT_QAM256	20.24	-0.4	19.84	1.00	30.00	PASS	
		1	1	CP_QPSK	23.14	-0.4	22.74	1.00	30.00	PASS	
	Middle		1	1	DFT_BPSK	24.57	-0.4	24.17	1.00	30.00	PASS
			36	0	DFT_QPSK	23.76	-0.4	23.36	1.00	30.00	PASS
			18	9		24.71	-0.4	24.31	1.00	30.00	PASS
			1	1		24.61	-0.4	24.21	1.00	30.00	PASS
			1	36		24.65	-0.4	24.25	1.00	30.00	PASS
		1	1	DFT_QAM16	23.56	-0.4	23.16	1.00	30.00	PASS	
		1	1	DFT_QAM64	22.13	-0.4	21.73	1.00	30.00	PASS	
		1	1	DFT_QAM256	19.89	-0.4	19.49	1.00	30.00	PASS	
		1	1	CP_QPSK	23.07	-0.4	22.67	1.00	30.00	PASS	
	Highest		1	1	DFT_BPSK	25.01	-0.4	24.61	1.00	30.00	PASS
			36	0	DFT_QPSK	24.41	-0.4	24.01	1.00	30.00	PASS
			18	9		25.31	-0.4	24.91	1.00	30.00	PASS
			1	1		25.11	-0.4	24.71	1.00	30.00	PASS
			1	36		25.4	-0.4	25.00	1.00	30.00	PASS
		1	1	DFT_QAM16	24	-0.4	23.60	1.00	30.00	PASS	
1		1	DFT_QAM64	22.62	-0.4	22.22	1.00	30.00	PASS		
1		1	DFT_QAM256	20.81	-0.4	20.41	1.00	30.00	PASS		
1		1	CP_QPSK	23.55	-0.4	23.15	1.00	30.00	PASS		
20	Lowest	1	1	DFT_BPSK	24.69	-0.4	24.29	1.00	30.00	PASS	
		50	0	DFT_QPSK	23.65	-0.4	23.25	1.00	30.00	PASS	
		25	12		24.72	-0.4	24.32	1.00	30.00	PASS	
		1	1		24.67	-0.4	24.27	1.00	30.00	PASS	
		1	49		24.32	-0.4	23.92	1.00	30.00	PASS	
		1	1	DFT_QAM16	23.6	-0.4	23.20	1.00	30.00	PASS	
		1	1	DFT_QAM64	22.28	-0.4	21.88	1.00	30.00	PASS	
		1	1	DFT_QAM256	19.94	-0.4	19.54	1.00	30.00	PASS	
		1	1	CP_QPSK	23.16	-0.4	22.76	1.00	30.00	PASS	
	Middle		1	1	DFT_BPSK	24.49	-0.4	24.09	1.00	30.00	PASS
			50	0	DFT_QPSK	23.76	-0.4	23.36	1.00	30.00	PASS
			25	12		24.77	-0.4	24.37	1.00	30.00	PASS
			1	1		24.39	-0.4	23.99	1.00	30.00	PASS
			1	49		24.7	-0.4	24.30	1.00	30.00	PASS
		1	1	DFT_QAM16	23.17	-0.4	22.77	1.00	30.00	PASS	
		1	1	DFT_QAM64	21.85	-0.4	21.45	1.00	30.00	PASS	
		1	1	DFT_QAM256	20.08	-0.4	19.68	1.00	30.00	PASS	



		1	1	CP_QPSK	22.89	-0.4	22.49	1.00	30.00	PASS
	Highest	1	1	DFT_BPSK	24.78	-0.4	24.38	1.00	30.00	PASS
		50	0	DFT_QPSK	24.3	-0.4	23.90	1.00	30.00	PASS
		25	12		25.28	-0.4	24.88	1.00	30.00	PASS
		1	1		24.92	-0.4	24.52	1.00	30.00	PASS
		1	49		25.31	-0.4	24.91	1.00	30.00	PASS
		1	1	DFT_QAM16	23.79	-0.4	23.39	1.00	30.00	PASS
		1	1	DFT_QAM64	22.19	-0.4	21.79	1.00	30.00	PASS
		1	1	DFT_QAM256	20.16	-0.4	19.76	1.00	30.00	PASS
		1	1	CP_QPSK	23.14	-0.4	22.74	1.00	30.00	PASS
30	Lowest	1	1	DFT_BPSK	24.52	-0.4	24.12	1.00	30.00	PASS
		75	0	DFT_QPSK	23.6	-0.4	23.20	1.00	30.00	PASS
		36	18		24.69	-0.4	24.29	1.00	30.00	PASS
		1	1		24.66	-0.4	24.26	1.00	30.00	PASS
		1	76		24.35	-0.4	23.95	1.00	30.00	PASS
		1	1	DFT_QAM16	23.23	-0.4	22.83	1.00	30.00	PASS
		1	1	DFT_QAM64	22.07	-0.4	21.67	1.00	30.00	PASS
		1	1	DFT_QAM256	20.2	-0.4	19.80	1.00	30.00	PASS
		1	1	CP_QPSK	22.89	-0.4	22.49	1.00	30.00	PASS
	Middle	1	1	DFT_BPSK	24.3	-0.4	23.90	1.00	30.00	PASS
		75	0	DFT_QPSK	23.8	-0.4	23.40	1.00	30.00	PASS
		36	18		24.82	-0.4	24.42	1.00	30.00	PASS
		1	1		24.35	-0.4	23.95	1.00	30.00	PASS
		1	76		24.57	-0.4	24.17	1.00	30.00	PASS
		1	1	DFT_QAM16	23.25	-0.4	22.85	1.00	30.00	PASS
		1	1	DFT_QAM64	21.7	-0.4	21.30	1.00	30.00	PASS
		1	1	DFT_QAM256	20	-0.4	19.60	1.00	30.00	PASS
		1	1	CP_QPSK	22.66	-0.4	22.26	1.00	30.00	PASS
	Highest	1	1	DFT_BPSK	24.5	-0.4	24.10	1.00	30.00	PASS
		75	0	DFT_QPSK	24.07	-0.4	23.67	1.00	30.00	PASS
		36	18		25.14	-0.4	24.74	1.00	30.00	PASS
		1	1		24.59	-0.4	24.19	1.00	30.00	PASS
		1	76		25.33	-0.4	24.93	1.00	30.00	PASS
		1	1	DFT_QAM16	23.19	-0.4	22.79	1.00	30.00	PASS
		1	1	DFT_QAM64	21.72	-0.4	21.32	1.00	30.00	PASS
		1	1	DFT_QAM256	20.15	-0.4	19.75	1.00	30.00	PASS
		1	1	CP_QPSK	22.9	-0.4	22.50	1.00	30.00	PASS
	40	Lowest	1	1	DFT_BPSK	24.35	-0.4	23.95	1.00	30.00



		100	0	DFT_QPSK	23.61	-0.4	23.21	1.00	30.00	PASS	
		50	25		24.63	-0.4	24.23	1.00	30.00	PASS	
		1	1		24.51	-0.4	24.11	1.00	30.00	PASS	
		1	104		24.42	-0.4	24.02	1.00	30.00	PASS	
		1	1	DFT_QAM16	23.1	-0.4	22.70	1.00	30.00	PASS	
		1	1	DFT_QAM64	21.8	-0.4	21.40	1.00	30.00	PASS	
		1	1	DFT_QAM256	20.15	-0.4	19.75	1.00	30.00	PASS	
		1	1	CP_QPSK	22.71	-0.4	22.31	1.00	30.00	PASS	
	Middle	1	1	DFT_BPSK	24.06	-0.4	23.66	1.00	30.00	PASS	
		100	0	DFT_QPSK	23.64	-0.4	23.24	1.00	30.00	PASS	
		50	25		24.76	-0.4	24.36	1.00	30.00	PASS	
		1	1		24.03	-0.4	23.63	1.00	30.00	PASS	
		1	104		24.39	-0.4	23.99	1.00	30.00	PASS	
		1	1	DFT_QAM16	23.38	-0.4	22.98	1.00	30.00	PASS	
		1	1	DFT_QAM64	21.44	-0.4	21.04	1.00	30.00	PASS	
		1	1	DFT_QAM256	19.62	-0.4	19.22	1.00	30.00	PASS	
	1	1	CP_QPSK	22.47	-0.4	22.07	1.00	30.00	PASS		
	Highest	1	1	DFT_BPSK	24.3	-0.4	23.90	1.00	30.00	PASS	
		100	0	DFT_QPSK	24.02	-0.4	23.62	1.00	30.00	PASS	
		50	25		25.01	-0.4	24.61	1.00	30.00	PASS	
		1	1		24.41	-0.4	24.01	1.00	30.00	PASS	
		1	104		25.11	-0.4	24.71	1.00	30.00	PASS	
		1	1	DFT_QAM16	23.2	-0.4	22.80	1.00	30.00	PASS	
		1	1	DFT_QAM64	21.81	-0.4	21.41	1.00	30.00	PASS	
		1	1	DFT_QAM256	19.71	-0.4	19.31	1.00	30.00	PASS	
	1	1	CP_QPSK	22.81	-0.4	22.41	1.00	30.00	PASS		
	50	Lowest	1	1	DFT_BPSK	24.71	-0.4	24.31	1.00	30.00	PASS
			128	0	DFT_QPSK	23.73	-0.4	23.33	1.00	30.00	PASS
64			32	24.7		-0.4	24.30	1.00	30.00	PASS	
1			1	24.69		-0.4	24.29	1.00	30.00	PASS	
1			131	24.74		-0.4	24.34	1.00	30.00	PASS	
1			1	DFT_QAM16	23.58	-0.4	23.18	1.00	30.00	PASS	
1			1	DFT_QAM64	22.13	-0.4	21.73	1.00	30.00	PASS	
1			1	DFT_QAM256	20.36	-0.4	19.96	1.00	30.00	PASS	
1		1	CP_QPSK	23.02	-0.4	22.62	1.00	30.00	PASS		
Middle		1	1	DFT_BPSK	24.36	-0.4	23.96	1.00	30.00	PASS	
		128	0	DFT_QPSK	23.74	-0.4	23.34	1.00	30.00	PASS	
		64	32		24.82	-0.4	24.42	1.00	30.00	PASS	



Highest	1	1		24.3	-0.4	23.90	1.00	30.00	PASS	
	1	131		24.75	-0.4	24.35	1.00	30.00	PASS	
	1	1	DFT_QAM16	23.5	-0.4	23.10	1.00	30.00	PASS	
	1	1	DFT_QAM64	21.82	-0.4	21.42	1.00	30.00	PASS	
	1	1	DFT_QAM256	19.99	-0.4	19.59	1.00	30.00	PASS	
	1	1	CP_QPSK	22.67	-0.4	22.27	1.00	30.00	PASS	
	1	1	DFT_BPSK	24.56	-0.4	24.16	1.00	30.00	PASS	
	128	0	DFT_QPSK	23.93	-0.4	23.53	1.00	30.00	PASS	
	64	32		24.97	-0.4	24.57	1.00	30.00	PASS	
	1	1		24.58	-0.4	24.18	1.00	30.00	PASS	
	1	131		25.34	-0.4	24.94	1.00	30.00	PASS	
	1	1	DFT_QAM16	23.75	-0.4	23.35	1.00	30.00	PASS	
	1	1	DFT_QAM64	21.87	-0.4	21.47	1.00	30.00	PASS	
	1	1	DFT_QAM256	20.22	-0.4	19.82	1.00	30.00	PASS	
	1	1	CP_QPSK	22.91	-0.4	22.51	1.00	30.00	PASS	
	Lowest	1	1	DFT_BPSK	24.38	-0.4	23.98	1.00	30.00	PASS
		162	0	DFT_QPSK	23.59	-0.4	23.19	1.00	30.00	PASS
		81	40		24.58	-0.4	24.18	1.00	30.00	PASS
1		1	24.46		-0.4	24.06	1.00	30.00	PASS	
1		160	24.57		-0.4	24.17	1.00	30.00	PASS	
1		1	DFT_QAM16	23.11	-0.4	22.71	1.00	30.00	PASS	
1		1	DFT_QAM64	21.64	-0.4	21.24	1.00	30.00	PASS	
1		1	DFT_QAM256	19.84	-0.4	19.44	1.00	30.00	PASS	
1		1	CP_QPSK	22.71	-0.4	22.31	1.00	30.00	PASS	
Middle		1	1	DFT_BPSK	24.08	-0.4	23.68	1.00	30.00	PASS
		162	0	DFT_QPSK	23.65	-0.4	23.25	1.00	30.00	PASS
		81	40		24.76	-0.4	24.36	1.00	30.00	PASS
		1	1		24.1	-0.4	23.70	1.00	30.00	PASS
		1	160		24.63	-0.4	24.23	1.00	30.00	PASS
		1	1	DFT_QAM16	22.73	-0.4	22.33	1.00	30.00	PASS
		1	1	DFT_QAM64	21.41	-0.4	21.01	1.00	30.00	PASS
		1	1	DFT_QAM256	19.79	-0.4	19.39	1.00	30.00	PASS
		1	1	CP_QPSK	22.48	-0.4	22.08	1.00	30.00	PASS
	Highest	1	1	DFT_BPSK	24.14	-0.4	23.74	1.00	30.00	PASS
162		0	DFT_QPSK	23.9	-0.4	23.50	1.00	30.00	PASS	
81		40		24.84	-0.4	24.44	1.00	30.00	PASS	
1		1		24.27	-0.4	23.87	1.00	30.00	PASS	
1		160		25.16	-0.4	24.76	1.00	30.00	PASS	



		1	1	DFT_QAM16	23.1	-0.4	22.70	1.00	30.00	PASS
		1	1	DFT_QAM64	21.51	-0.4	21.11	1.00	30.00	PASS
		1	1	DFT_QAM256	19.61	-0.4	19.21	1.00	30.00	PASS
		1	1	CP_QPSK	22.63	-0.4	22.23	1.00	30.00	PASS
80	Lowest	1	1	DFT_BPSK	24.15	-0.4	23.75	1.00	30.00	PASS
		216	0	DFT_QPSK	23.64	-0.4	23.24	1.00	30.00	PASS
		108	54		24.68	-0.4	24.28	1.00	30.00	PASS
		1	1		24.21	-0.4	23.81	1.00	30.00	PASS
		1	215		24.54	-0.4	24.14	1.00	30.00	PASS
		1	1	DFT_QAM16	23.23	-0.4	22.83	1.00	30.00	PASS
		1	1	DFT_QAM64	21.76	-0.4	21.36	1.00	30.00	PASS
		1	1	DFT_QAM256	19.52	-0.4	19.12	1.00	30.00	PASS
	1	1	CP_QPSK	22.74	-0.4	22.34	1.00	30.00	PASS	
	Middle	1	1	DFT_BPSK	23.98	-0.4	23.58	1.00	30.00	PASS
		216	0	DFT_QPSK	23.66	-0.4	23.26	1.00	30.00	PASS
		108	54		24.83	-0.4	24.43	1.00	30.00	PASS
		1	1		24.03	-0.4	23.63	1.00	30.00	PASS
		1	215		24.9	-0.4	24.50	1.00	30.00	PASS
		1	1	DFT_QAM16	22.7	-0.4	22.30	1.00	30.00	PASS
		1	1	DFT_QAM64	21.33	-0.4	20.93	1.00	30.00	PASS
		1	1	DFT_QAM256	19.74	-0.4	19.34	1.00	30.00	PASS
	1	1	CP_QPSK	22.61	-0.4	22.21	1.00	30.00	PASS	
	Highest	1	1	DFT_BPSK	23.87	-0.4	23.47	1.00	30.00	PASS
		216	0	DFT_QPSK	23.75	-0.4	23.35	1.00	30.00	PASS
		108	54		24.86	-0.4	24.46	1.00	30.00	PASS
		1	1		23.86	-0.4	23.46	1.00	30.00	PASS
		1	215		24.97	-0.4	24.57	1.00	30.00	PASS
		1	1	DFT_QAM16	22.54	-0.4	22.14	1.00	30.00	PASS
		1	1	DFT_QAM64	21.36	-0.4	20.96	1.00	30.00	PASS
		1	1	DFT_QAM256	19.17	-0.4	18.77	1.00	30.00	PASS
	1	1	CP_QPSK	22.34	-0.4	21.94	1.00	30.00	PASS	
	90	Lowest	1	1	DFT_BPSK	24.11	-0.4	23.71	1.00	30.00
240			0	DFT_QPSK	23.59	-0.4	23.19	1.00	30.00	PASS
120			60		24.64	-0.4	24.24	1.00	30.00	PASS
1			1		24.12	-0.4	23.72	1.00	30.00	PASS
1			243		24.64	-0.4	24.24	1.00	30.00	PASS
1			1	DFT_QAM16	23.05	-0.4	22.65	1.00	30.00	PASS
1			1	DFT_QAM64	21.56	-0.4	21.16	1.00	30.00	PASS



		1	1	DFT_QAM256	19.36	-0.4	18.96	1.00	30.00	PASS
		1	1	CP_QPSK	22.64	-0.4	22.24	1.00	30.00	PASS
Middle		1	1	DFT_BPSK	23.97	-0.4	23.57	1.00	30.00	PASS
		240	0	DFT_QPSK	23.64	-0.4	23.24	1.00	30.00	PASS
		120	60		24.74	-0.4	24.34	1.00	30.00	PASS
		1	1		23.95	-0.4	23.55	1.00	30.00	PASS
		1	243		24.77	-0.4	24.37	1.00	30.00	PASS
		1	1		DFT_QAM16	22.93	-0.4	22.53	1.00	30.00
		1	1	DFT_QAM64	21.39	-0.4	20.99	1.00	30.00	PASS
		1	1	DFT_QAM256	19.22	-0.4	18.82	1.00	30.00	PASS
		1	1	CP_QPSK	22.59	-0.4	22.19	1.00	30.00	PASS
	Highest		1	1	DFT_BPSK	23.84	-0.4	23.44	1.00	30.00
		240	0	DFT_QPSK	23.69	-0.4	23.29	1.00	30.00	PASS
		120	60		24.77	-0.4	24.37	1.00	30.00	PASS
		1	1		23.89	-0.4	23.49	1.00	30.00	PASS
		1	243		24.84	-0.4	24.44	1.00	30.00	PASS
		1	1	DFT_QAM16	22.82	-0.4	22.42	1.00	30.00	PASS
		1	1	DFT_QAM64	21.33	-0.4	20.93	1.00	30.00	PASS
		1	1	DFT_QAM256	19.11	-0.4	18.71	1.00	30.00	PASS
		1	1	CP_QPSK	22.39	-0.4	21.99	1.00	30.00	PASS
100	Highest	1	1	DFT_BPSK	23.8	-0.4	23.40	1.00	30.00	PASS
		270	0	DFT_QPSK	23.64	-0.4	23.24	1.00	30.00	PASS
		135	67		24.68	-0.4	24.28	1.00	30.00	PASS
		1	1		23.82	-0.4	23.42	1.00	30.00	PASS
		1	271		24.62	-0.4	24.22	1.00	30.00	PASS
		1	1	DFT_QAM16	22.84	-0.4	22.44	1.00	30.00	PASS
		1	1	DFT_QAM64	21.28	-0.4	20.88	1.00	30.00	PASS
		1	1	DFT_QAM256	19.21	-0.4	18.81	1.00	30.00	PASS
		1	1	CP_QPSK	22.45	-0.4	22.05	1.00	30.00	PASS



NSA:

EN-DC_n78(3450-3550MHz)SCS=15KHz

Radiated Power (EIRP) for DC_2A_n78A / SCS 15KHz

Bnad	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
Bnad2	5	Lowest	1	Low	QPSK	19.5	-0.36	19.14	/	/	PASS
n78	10	Lowest	1	0	DFT_BPSK	25.33	-0.4	24.93	/	/	PASS
sum	/	/	/	/	/	26.33	/	25.95	1.00	30.00	PASS
Bnad2	5	Middle	8	Low	QPSK	20.91	-0.36	20.55	/	/	PASS
n78	10	Middle	25	12	DFT_BPSK	25.66	-0.4	25.26	/	/	PASS
sum	/	/	/	/	/	26.91	/	26.52	1.00	30.00	PASS
Bnad2	5	Middle	8	Low	QPSK	20.95	-0.36	20.59	/	/	PASS
n78	10	Middle	25	12	DFT_QPSK	25.67	-0.4	25.27	/	/	PASS
sum	/	/	/	/	/	26.93	/	26.54	1.00	30.00	PASS
Bnad2	5	Highest	1	High	QPSK	20.67	-0.36	20.31	/	/	PASS
n78	10	Highest	1	50	DFT_BPSK	25.34	-0.4	24.94	/	/	PASS
sum	/	/	/	/	/	26.61	/	26.23	1.00	30.00	PASS
Bnad2	5	Highest	8	High	QPSK	21.16	-0.36	20.80	/	/	PASS
n78	10	Highest	25	12	DFT_BPSK	25.81	-0.4	25.41	/	/	PASS
sum	/	/	/	/	/	27.09	/	26.70	1.00	30.00	PASS
Bnad2	5	Highest	1	High	QPSK	20.63	-0.36	20.27	/	/	PASS
n78	10	Highest	1	50	DFT_QPSK	25.35	-0.4	24.95	/	/	PASS
sum	/	/	/	/	/	26.61	/	26.22	1.00	30.00	PASS
Bnad2	5	Highest	8	High	QPSK	21.12	-0.36	20.76	/	/	PASS
n78	10	Highest	25	12	DFT_QPSK	25.8	-0.4	25.40	/	/	PASS
sum	/	/	/	/	/	27.07	/	26.68	1.00	30.00	PASS
Bnad2	20	Lowest	1	Low	QPSK	19.25	-0.36	18.89	/	/	PASS
n78	50	Lowest	1	0	DFT_BPSK	25.31	-0.4	24.91	/	/	PASS
sum	/	/	/	/	/	26.27	/	25.88	1.00	30.00	PASS
Bnad2	20	Middle	18	Low	QPSK	20.81	-0.36	20.45	/	/	PASS
n78	50	Middle	64	32	DFT_BPSK	25.69	-0.4	25.29	/	/	PASS
sum	/	/	/	/	/	26.91	/	26.52	1.00	30.00	PASS
Bnad2	20	Middle	18	Low	QPSK	20.84	-0.36	20.48	/	/	PASS
n78	50	Middle	64	32	DFT_QPSK	25.75	-0.4	25.35	/	/	PASS
sum	/	/	/	/	/	26.96	/	26.57	1.00	30.00	PASS
Bnad2	20	Highest	1	High	QPSK	20.5	-0.36	20.14	/	/	PASS
n78	50	Highest	1	272	DFT_BPSK	25.28	-0.4	24.88	/	/	PASS
sum	/	/	/	/	/	26.52	/	26.14	1.00	30.00	PASS
Bnad2	20	Highest	18	High	QPSK	20.75	-0.36	20.39	/	/	PASS
n78	50	Highest	64	32	DFT_BPSK	25.5	-0.4	25.10	/	/	PASS
sum	/	/	/	/	/	26.75	/	26.36	1.00	30.00	PASS
Bnad2	20	Highest	1	High	QPSK	20.4	-0.36	20.04	/	/	PASS
n78	50	Highest	1	131	DFT_QPSK	25.25	-0.4	24.85	/	/	PASS
sum	/	/	/	/	/	26.47	/	26.09	1.00	30.00	PASS
Bnad2	20	Highest	18	High	QPSK	20.76	-0.36	20.40	/	/	PASS
n78	50	Highest	64	32	DFT_QPSK	25.45	-0.4	25.05	/	/	PASS
sum	/	/	/	/	/	26.71	/	26.33	1.00	30.00	PASS



EN-DC_n78(3450-3550MHz)SCS=30KHz

Radiated Power (EIRP) for DC_2A_n78A / SCS 30KHz

Bnad	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
Bnad2	5	Lowest	1	Low	QPSK	23.7	-0.36	23.34	/	/	PASS
n78	10	Lowest	1	0	DFT_BPSK	17.56	-0.4	17.16	/	/	PASS
sum	/	/	/	/	/	24.64	/	24.28	1.00	30.00	PASS
Bnad2	5	Middle	8	Low	QPSK	23.68	-0.36	23.32	/	/	PASS
n78	10	Middle	12	6	DFT_BPSK	17.27	-0.4	16.87	/	/	PASS
sum	/	/	/	/	/	24.57	/	24.21	1.00	30.00	PASS
Bnad2	5	Middle	8	Low	QPSK	23.7	-0.36	23.34	/	/	PASS
n78	10	Middle	12	6	DFT_QPSK	17.21	-0.4	16.81	/	/	PASS
sum	/	/	/	/	/	24.57	/	24.21	1.00	30.00	PASS
Bnad2	5	Highest	1	High	QPSK	23.51	-0.36	23.15	/	/	PASS
n78	10	Highest	1	22	DFT_BPSK	17.42	-0.4	17.02	/	/	PASS
sum	/	/	/	/	/	24.46	/	24.10	1.00	30.00	PASS
Bnad2	5	Highest	8	High	QPSK	23.46	-0.36	23.10	/	/	PASS
n78	10	Highest	12	6	DFT_BPSK	17.42	-0.4	17.02	/	/	PASS
sum	/	/	/	/	/	24.42	/	24.06	1.00	30.00	PASS
Bnad2	5	Highest	1	High	QPSK	22.92	-0.36	22.56	/	/	PASS
n78	10	Highest	1	22	DFT_QPSK	17.42	-0.4	17.02	/	/	PASS
sum	/	/	/	/	/	23.99	/	23.63	1.00	30.00	PASS
Bnad2	5	Highest	8	High	QPSK	23.47	-0.36	23.11	/	/	PASS
n78	10	Highest	12	6	DFT_QPSK	17.38	-0.4	16.98	/	/	PASS
sum	/	/	/	/	/	24.42	/	24.06	1.00	30.00	PASS
Bnad2	20	Lowest	1	Low	QPSK	22.99	-0.36	22.63	/	/	PASS
n78	100	Lowest	1	0	DFT_BPSK	16.69	-0.4	16.29	/	/	PASS
sum	/	/	/	/	/	23.9	/	23.54	1.00	30.00	PASS
Bnad2	20	Highest	1	High	QPSK	23.33	-0.36	22.97	/	/	PASS
n78	100	Highest	1	272	DFT_BPSK	16.07	-0.4	15.67	/	/	PASS
sum	/	/	/	/	/	24.07	/	23.71	1.00	30.00	PASS
Bnad2	20	Highest	18	High	QPSK	23.41	-0.36	23.05	/	/	PASS
n78	100	Highest	135	67	DFT_BPSK	17.16	-0.4	16.76	/	/	PASS
sum	/	/	/	/	/	24.33	/	23.97	1.00	30.00	PASS
Bnad2	20	Highest	1	High	QPSK	22.87	-0.36	22.51	/	/	PASS
n78	100	Highest	1	272	DFT_QPSK	16.58	-0.4	16.18	/	/	PASS
sum	/	/	/	/	/	23.78	/	23.42	1.00	30.00	PASS
Bnad2	20	Highest	18	High	QPSK	23.39	-0.36	23.03	/	/	PASS
n78	100	Highest	135	67	DFT_QPSK	17.16	-0.4	16.76	/	/	PASS
sum	/	/	/	/	/	24.31	/	23.95	1.00	30.00	PASS



EN-DC_n78(3700-3800MHz)SCS=15KHz

Radiated Power (EIRP) for DC_2A_n78A / SCS 15KHz											
Bnad	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
Bnad2	5	Lowest	1	Low	QPSK	19.49	-0.36	19.13	/	/	PASS
n78	10	Lowest	1	0	DFT_BPSK	25.35	-0.4	24.95	/	/	PASS
sum	/	/	/	/	/	26.35	/	25.96	1.00	30.00	PASS
Bnad2	5	Middle	8	Low	QPSK	20.96	-0.36	20.60	/	/	PASS
n78	10	Middle	25	12	DFT_BPSK	25.92	-0.4	25.52	/	/	PASS
sum	/	/	/	/	/	27.12	/	26.73	1.00	30.00	PASS
Bnad2	5	Middle	8	Low	QPSK	20.97	-0.36	20.61	/	/	PASS
n78	10	Middle	25	12	DFT_QPSK	25.91	-0.4	25.51	/	/	PASS
sum	/	/	/	/	/	27.11	/	26.73	1.00	30.00	PASS
Bnad2	5	Highest	1	High	QPSK	20.75	-0.36	20.39	/	/	PASS
n78	10	Highest	1	50	DFT_BPSK	26.09	-0.4	25.69	/	/	PASS
sum	/	/	/	/	/	27.20	/	26.81	1.00	30.00	PASS
Bnad2	5	Highest	8	High	QPSK	21.13	-0.36	20.77	/	/	PASS
n78	10	Highest	25	12	DFT_BPSK	26.39	-0.4	25.99	/	/	PASS
sum	/	/	/	/	/	27.52	/	27.13	1.00	30.00	PASS
Bnad2	5	Highest	1	High	QPSK	20.77	-0.36	20.41	/	/	PASS
n78	10	Highest	1	50	DFT_QPSK	25.98	-0.4	25.58	/	/	PASS
sum	/	/	/	/	/	27.12	/	26.73	1.00	30.00	PASS
Bnad2	5	Highest	8	High	QPSK	21.13	-0.36	20.77	/	/	PASS
n78	10	Highest	25	12	DFT_QPSK	26.44	-0.4	26.04	/	/	PASS
sum	/	/	/	/	/	27.56	/	27.17	1.00	30.00	PASS
Bnad2	20	Lowest	1	Low	QPSK	19.22	-0.36	18.86	/	/	PASS
n78	50	Lowest	1	0	DFT_BPSK	25.27	-0.4	24.87	/	/	PASS
sum	/	/	/	/	/	26.23	/	25.84	1.00	30.00	PASS
Bnad2	20	Middle	18	Low	QPSK	20.85	-0.36	20.49	/	/	PASS
n78	50	Middle	64	32	DFT_BPSK	25.91	-0.4	25.51	/	/	PASS
sum	/	/	/	/	/	27.08	/	26.70	1.00	30.00	PASS
Bnad2	20	Middle	18	Low	QPSK	20.86	-0.36	20.50	/	/	PASS
n78	50	Middle	64	32	DFT_QPSK	25.89	-0.4	25.49	/	/	PASS
sum	/	/	/	/	/	27.07	/	26.69	1.00	30.00	PASS
Bnad2	20	Highest	1	High	QPSK	20.39	-0.36	20.03	/	/	PASS
n78	50	Highest	1	272	DFT_BPSK	25.93	-0.4	25.53	/	/	PASS
sum	/	/	/	/	/	26.99	/	26.61	1.00	30.00	PASS
Bnad2	20	Highest	18	High	QPSK	20.79	-0.36	20.43	/	/	PASS
n78	50	Highest	64	32	DFT_BPSK	25.99	-0.4	25.59	/	/	PASS
sum	/	/	/	/	/	27.13	/	26.75	1.00	30.00	PASS
Bnad2	20	Highest	1	High	QPSK	20.38	-0.36	20.02	/	/	PASS
n78	50	Highest	1	131	DFT_QPSK	25.96	-0.4	25.56	/	/	PASS
sum	/	/	/	/	/	27.02	/	26.63	1.00	30.00	PASS
Bnad2	20	Highest	18	High	QPSK	20.79	-0.36	20.43	/	/	PASS
n78	50	Highest	64	32	DFT_QPSK	26.02	-0.4	25.62	/	/	PASS
sum	/	/	/	/	/	27.15	/	26.77	1.00	30.00	PASS



EN-DC_n78(3700-3800MHz)SCS=30KHz

Radiated Power (EIRP) for DC_2A_n78A / SCS 30KHz

Bnad	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
Bnad2	5	Lowest	1	Low	QPSK	23.28	-0.36	22.92	/	/	PASS
n78	10	Lowest	1	0	DFT_BPSK	17.57	-0.4	17.17	/	/	PASS
sum	/	/	/	/	/	24.31	/	23.94	1.00	30.00	PASS
Bnad2	5	Middle	8	Low	QPSK	23.74	-0.36	23.38	/	/	PASS
n78	10	Middle	12	6	DFT_BPSK	17.35	-0.4	16.95	/	/	PASS
sum	/	/	/	/	/	24.63	/	24.27	1.00	30.00	PASS
Bnad2	5	Middle	8	Low	QPSK	23.66	-0.36	23.30	/	/	PASS
n78	10	Middle	12	6	DFT_QPSK	17.37	-0.4	16.97	/	/	PASS
sum	/	/	/	/	/	24.57	/	24.21	1.00	30.00	PASS
Bnad2	5	Highest	1	High	QPSK	23.34	-0.36	22.98	/	/	PASS
n78	10	Highest	1	22	DFT_BPSK	18.09	-0.4	17.69	/	/	PASS
sum	/	/	/	/	/	24.47	/	24.11	1.00	30.00	PASS
Bnad2	5	Highest	8	High	QPSK	23.44	-0.36	23.08	/	/	PASS
n78	10	Highest	12	6	DFT_BPSK	18.07	-0.4	17.67	/	/	PASS
sum	/	/	/	/	/	24.54	/	24.18	1.00	30.00	PASS
Bnad2	5	Highest	1	High	QPSK	23.28	-0.36	22.92	/	/	PASS
n78	10	Highest	1	22	DFT_QPSK	18.11	-0.4	17.71	/	/	PASS
sum	/	/	/	/	/	24.43	/	24.06	1.00	30.00	PASS
Bnad2	5	Highest	8	High	QPSK	23.47	-0.36	23.11	/	/	PASS
n78	10	Highest	12	6	DFT_QPSK	18.04	-0.4	17.64	/	/	PASS
sum	/	/	/	/	/	24.56	/	24.19	1.00	30.00	PASS
Bnad2	20	Middle	18	Low	QPSK	23.57	-0.36	23.21	/	/	PASS
n78	100	Middle	135	67	DFT_BPSK	16.67	-0.4	16.27	/	/	PASS
sum	/	/	/	/	/	24.37	/	24.01	1.00	30.00	PASS
Bnad2	20	Middle	18	Low	QPSK	16.36	-0.36	16.00	/	/	PASS
n78	100	Middle	135	67	DFT_QPSK	26.07	-0.4	25.67	/	/	PASS
sum	/	/	/	/	/	26.51	/	26.11	1.00	30.00	PASS

6. OCCUPIED BANDWIDTH

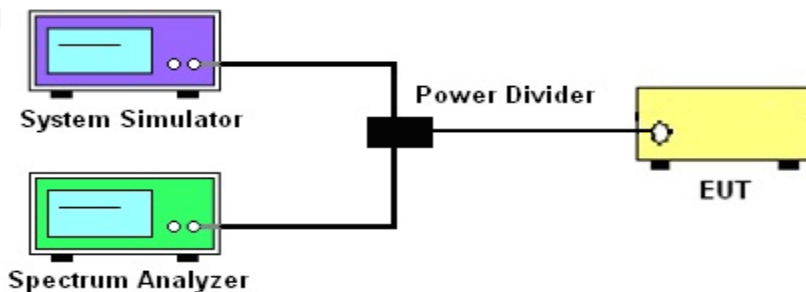
6.1 DESCRIPTION OF OCCUPIED BANDWIDTH MEASUREMENT

6.1.1 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.

6.1.2 TEST SETUP



6.1.3 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.

6.1.4 MEASUREMENT RESULT

Note: The test data please reference to attachment "STS2308301W03_Appendix SA" and "STS2308301W03_Appendix NSA".



7. CONDUCTED BAND EDGE

7.1 DESCRIPTION OF CONDUCTED BAND EDGE MEASUREMENT

7.1.1 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.

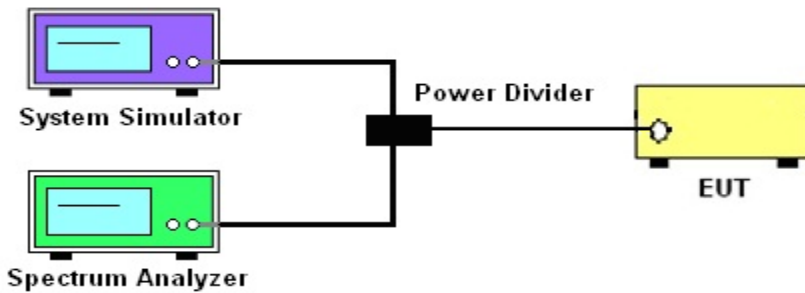
4. §27.53(m)(4)

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.

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 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:
 $= P(W) - [55 + 10\log(P)]$ (dB)
 $= [30 + 10\log(P)]$ (dBm) - $[55 + 10\log(P)]$ (dB)
 $= -25$ dBm.

7.1.4 MEASUREMENT RESULT

Note: The test data please reference to attachment "STS2308301W03_Appendix SA" and "STS2308301W03_Appendix NSA".

8. CONDUCTED SPURIOUS EMISSION

8.1 DESCRIPTION OF CONDUCTED SPURIOUS EMISSION MEASUREMENT

8.1.1 MEASUREMENT METHOD

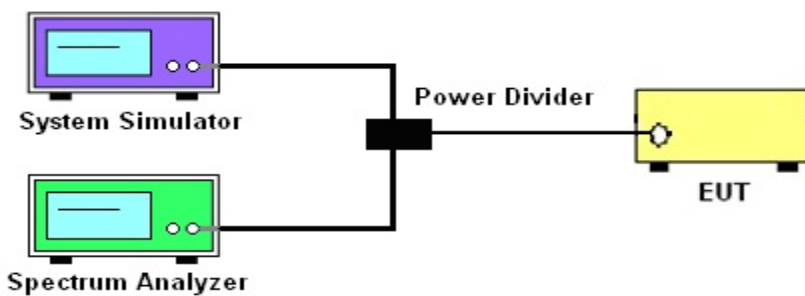
The power of any emission outside of the authorized operating frequency ranges must be lower than the transmitter power (P) by a factor of at least $43 + 10 \log (P)$ dB.

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.

8.1.2 TEST SETUP



8.1.3 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: $P(W) - [43 + 10 \log(P)] \text{ (dB)} = -25 \text{ dBm}$

8.1.4 TEST RESULTS

Note: The test data please reference to attachment "STS2308301W03_Appendix SA" and "STS2308301W03_Appendix NSA".

9. RADIATED SPURIOUS EMISSION

9.1 DESCRIPTION OF RADIATED SPURIOUS EMISSION

9.1.1 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.

9.1.2 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.

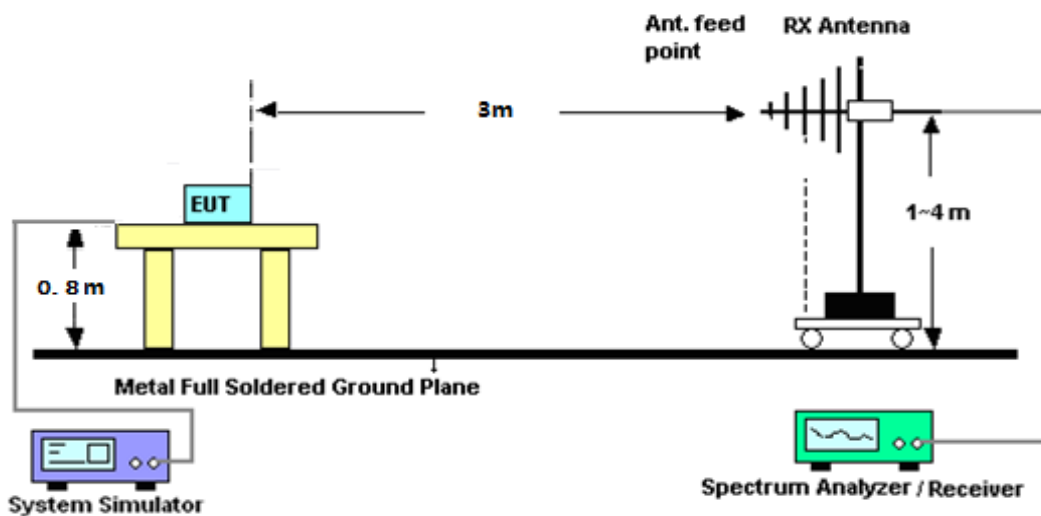
b) EUT was placed on 1.5 m non-conductive stand at a 3 m test distance from the receive antenna. A receiving antenna was placed on the antenna mast 3 m from the test item for emission measurements. The height of receiving antenna is 0.8m. The test setup refers to figure below. Detected emissions were 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.

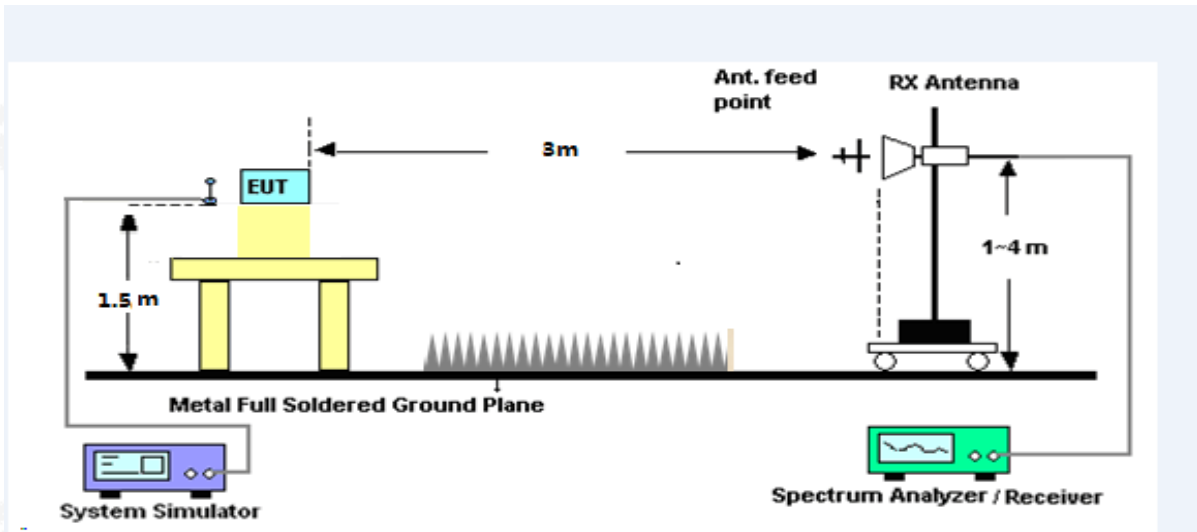
The substitution method is used. Substitution values at each frequency are measured before and saved to the test software. A "reference path loss" is established and the ARpl is the attenuation of "reference path loss", and including the gain of receive antenna, the gain of the preamplifier, the cable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

Power = P_{Mea} + AR_{pl}

For radiated test from 30MHz to 1GHz



For radiated test from above 1GHz



9.1.3 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

$P_{Mea} = S.G \text{ Level} + \text{Ant-Cable loss}$; $\text{Margin} = P_{Mea} - \text{Limit}$.



9.1.4 TEST RESULTS

SA:

n78(3450-3550MHz)SCS=15KHz

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	Limit	Margin	Polarity
				(dBm)	(dBm)	(dBm)	
6910.25	-34.41	11.85	17.21	-39.77	-13.00	-26.77	H
10364.90	-32.38	12.06	22.59	-42.91	-13.00	-29.91	H
13820.06	-27.25	11.67	25.73	-41.31	-13.00	-28.31	H
6910.25	-33.99	11.85	17.21	-39.35	-13.00	-26.35	V
10364.90	-32.02	12.06	22.59	-42.55	-13.00	-29.55	V
13820.06	-27.42	11.67	25.31	-41.06	-13.00	-28.06	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	Limit	Margin	Polarity
				(dBm)	(dBm)	(dBm)	
6999.97	-34.13	11.85	17.21	-39.49	-13.00	-26.49	H
10499.86	-32.35	12.06	22.59	-42.88	-13.00	-29.88	H
13999.82	-28.23	11.67	25.73	-42.29	-13.00	-29.29	H
6999.97	-34.08	11.85	17.21	-39.44	-13.00	-26.44	V
10499.86	-32.56	12.06	22.59	-43.09	-13.00	-30.09	V
13999.82	-28.11	11.67	25.31	-41.75	-13.00	-28.75	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	Limit	Margin	Polarity
				(dBm)	(dBm)	(dBm)	
7089.66	-34.62	11.85	17.21	-39.98	-13.00	-26.98	H
10635.04	-32.72	12.06	22.59	-43.25	-13.00	-30.25	H
14179.80	-28.29	11.67	25.73	-42.35	-13.00	-29.35	H
7089.66	-33.91	11.85	17.21	-39.27	-13.00	-26.27	V
10635.04	-33.40	12.06	22.59	-43.93	-13.00	-30.93	V
14179.80	-27.62	11.67	25.31	-41.26	-13.00	-28.26	V



NR n78 / 20MHz / QPSK / RB Size 1 Offset 1/ The Worst Test Results for Lowest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea	Limit	Margin	Polarity
				(dBm)	(dBm)	(dBm)	
6920.71	-34.24	11.85	17.21	-39.60	-13.00	-26.60	H
10380.91	-32.22	12.06	22.59	-42.75	-13.00	-29.75	H
13841.11	-27.41	11.67	25.73	-41.47	-13.00	-28.47	H
6920.71	-33.87	11.85	17.21	-39.23	-13.00	-26.23	V
10380.91	-33.00	12.06	22.59	-43.53	-13.00	-30.53	V
13841.11	-27.93	11.67	25.31	-41.57	-13.00	-28.57	V
NR n78 / 20MHz / QPSK / RB Size 1 Offset 1/ The Worst Test Results for Middle							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea	Limit	Margin	Polarity
				(dBm)	(dBm)	(dBm)	
6999.93	-33.51	11.85	17.21	-38.87	-13.00	-25.87	H
10500.27	-32.13	12.06	22.59	-42.66	-13.00	-29.66	H
14000.03	-27.90	11.67	25.73	-41.96	-13.00	-28.96	H
6999.93	-33.57	11.85	17.21	-38.93	-13.00	-25.93	V
10500.27	-32.88	12.06	22.59	-43.41	-13.00	-30.41	V
14000.03	-27.81	11.67	25.31	-41.45	-13.00	-28.45	V
NR n78 / 20MHz / QPSK / RB Size 1 Offset 1/ The Worst Test Results for Highest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea	Limit	Margin	Polarity
				(dBm)	(dBm)	(dBm)	
7080.17	-34.75	11.85	17.21	-40.11	-13.00	-27.11	H
10619.92	-32.83	12.06	22.59	-43.36	-13.00	-30.36	H
14159.95	-28.00	11.67	25.73	-42.06	-13.00	-29.06	H
7080.17	-34.88	11.85	17.21	-40.24	-13.00	-27.24	V
10619.92	-33.10	12.06	22.59	-43.63	-13.00	-30.63	V
14159.95	-28.45	11.67	25.31	-42.09	-13.00	-29.09	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	Limit	Margin	Polarity
				(dBm)	(dBm)	(dBm)	
6950.25	-33.88	11.85	17.21	-39.24	-13.00	-26.24	H
10425.08	-32.35	12.06	22.59	-42.88	-13.00	-29.88	H
13900.18	-27.35	11.67	25.73	-41.41	-13.00	-28.41	H
6950.25	-34.03	11.85	17.21	-39.39	-13.00	-26.39	V
10425.08	-33.15	12.06	22.59	-43.68	-13.00	-30.68	V
13900.18	-28.45	11.67	25.31	-42.09	-13.00	-29.09	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	Limit	Margin	Polarity
				(dBm)	(dBm)	(dBm)	
6999.96	-34.79	11.85	17.21	-40.15	-13.00	-27.15	H
10500.00	-32.20	12.06	22.59	-42.73	-13.00	-29.73	H
13999.88	-27.32	11.67	25.73	-41.38	-13.00	-28.38	H
6999.96	-34.53	11.85	17.21	-39.89	-13.00	-26.89	V
10500.00	-32.09	12.06	22.59	-42.62	-13.00	-29.62	V
13999.88	-27.69	11.67	25.31	-41.33	-13.00	-28.33	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	Limit	Margin	Polarity
				(dBm)	(dBm)	(dBm)	
7049.97	-34.53	11.85	17.21	-39.89	-13.00	-26.89	H
10574.84	-32.23	12.06	22.59	-42.76	-13.00	-29.76	H
14099.89	-28.62	11.67	25.73	-42.68	-13.00	-29.68	H
7049.97	-33.81	11.85	17.21	-39.17	-13.00	-26.17	V
10574.84	-33.12	12.06	22.59	-43.65	-13.00	-30.65	V
14099.89	-28.38	11.67	25.31	-42.02	-13.00	-29.02	V



n78(3450-3550MHz)SCS=30KHz

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	Limit	Margin	Polarity
				(dBm)	(dBm)	(dBm)	
6910.45	-33.95	11.85	17.21	-39.31	-13.00	-26.31	H
10365.09	-32.76	12.06	22.59	-43.29	-13.00	-30.29	H
13820.00	-28.09	11.67	25.73	-42.15	-13.00	-29.15	H
6910.45	-33.69	11.85	17.21	-39.05	-13.00	-26.05	V
10365.09	-33.34	12.06	22.59	-43.87	-13.00	-30.87	V
13820.00	-27.99	11.67	25.31	-41.63	-13.00	-28.63	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	Limit	Margin	Polarity
				(dBm)	(dBm)	(dBm)	
7000.26	-34.12	11.85	17.21	-39.48	-13.00	-26.48	H
10500.20	-32.67	12.06	22.59	-43.20	-13.00	-30.20	H
14000.11	-27.85	11.67	25.73	-41.91	-13.00	-28.91	H
7000.26	-34.06	11.85	17.21	-39.42	-13.00	-26.42	V
10500.20	-32.36	12.06	22.59	-42.89	-13.00	-29.89	V
14000.11	-27.72	11.67	25.31	-41.36	-13.00	-28.36	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	Limit	Margin	Polarity
				(dBm)	(dBm)	(dBm)	
7089.79	-34.27	11.85	17.21	-39.63	-13.00	-26.63	H
10635.02	-33.19	12.06	22.59	-43.72	-13.00	-30.72	H
14179.74	-28.35	11.67	25.73	-42.41	-13.00	-29.41	H
7089.79	-33.70	11.85	17.21	-39.06	-13.00	-26.06	V
10635.02	-33.09	12.06	22.59	-43.62	-13.00	-30.62	V
14179.74	-27.42	11.67	25.31	-41.06	-13.00	-28.06	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	Limit	Margin	Polarity
				(dBm)	(dBm)	(dBm)	
6950.12	-33.76	11.85	17.21	-39.12	-13.00	-26.12	H
10425.16	-32.57	12.06	22.59	-43.10	-13.00	-30.10	H
13899.92	-28.34	11.67	25.73	-42.40	-13.00	-29.40	H
6950.12	-33.85	11.85	17.21	-39.21	-13.00	-26.21	V
10425.16	-33.29	12.06	22.59	-43.82	-13.00	-30.82	V
13899.92	-27.18	11.67	25.31	-40.82	-13.00	-27.82	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	Limit	Margin	Polarity
				(dBm)	(dBm)	(dBm)	
6999.97	-33.86	11.85	17.21	-39.22	-13.00	-26.22	H
10500.08	-32.27	12.06	22.59	-42.80	-13.00	-29.80	H
14000.04	-28.13	11.67	25.73	-42.19	-13.00	-29.19	H
6999.97	-34.71	11.85	17.21	-40.07	-13.00	-27.07	V
10500.08	-32.23	12.06	22.59	-42.76	-13.00	-29.76	V
14000.04	-27.44	11.67	25.31	-41.08	-13.00	-28.08	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	Limit	Margin	Polarity
				(dBm)	(dBm)	(dBm)	
7049.89	-34.38	11.85	17.21	-39.74	-13.00	-26.74	H
10574.88	-32.75	12.06	22.59	-43.28	-13.00	-30.28	H
14099.87	-28.31	11.67	25.73	-42.37	-13.00	-29.37	H
7049.89	-34.24	11.85	17.21	-39.60	-13.00	-26.60	V
10574.88	-32.45	12.06	22.59	-42.98	-13.00	-29.98	V
14099.87	-28.13	11.67	25.31	-41.77	-13.00	-28.77	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	Limit	Margin	Polarity
				(dBm)	(dBm)	(dBm)	
7000.14	-33.83	11.85	17.21	-39.19	-13.00	-26.19	H
10500.03	-32.97	12.06	22.59	-43.50	-13.00	-30.50	H
13999.91	-27.20	11.67	25.73	-41.26	-13.00	-28.26	H
7000.14	-34.10	11.85	17.21	-39.46	-13.00	-26.46	V
10500.03	-32.33	12.06	22.59	-42.86	-13.00	-29.86	V
13999.91	-27.24	11.67	25.31	-40.88	-13.00	-27.88	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	Limit	Margin	Polarity
				(dBm)	(dBm)	(dBm)	
6999.82	-34.88	11.85	17.21	-40.24	-13.00	-27.24	H
10499.88	-33.24	12.06	22.59	-43.77	-13.00	-30.77	H
14000.29	-28.51	11.67	25.73	-42.57	-13.00	-29.57	H
6999.82	-34.57	11.85	17.21	-39.93	-13.00	-26.93	V
10499.88	-32.99	12.06	22.59	-43.52	-13.00	-30.52	V
14000.29	-27.23	11.67	25.31	-40.87	-13.00	-27.87	V

n78(3700-3800MHz)SCS=15KHz

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	Limit	Margin	Polarity
				(dBm)	(dBm)	(dBm)	
7410.37	-34.33	11.85	17.21	-39.69	-13.00	-26.69	H
11115.09	-33.31	12.06	22.59	-43.84	-13.00	-30.84	H
14820.11	-27.57	11.67	25.73	-41.63	-13.00	-28.63	H
7410.37	-34.18	11.85	17.21	-39.54	-13.00	-26.54	V
11115.09	-32.05	12.06	22.59	-42.58	-13.00	-29.58	V
14820.11	-27.35	11.67	25.31	-40.99	-13.00	-27.99	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	Limit	Margin	Polarity
				(dBm)	(dBm)	(dBm)	
7500.03	-33.49	11.85	17.21	-38.85	-13.00	-25.85	H
11249.84	-32.00	12.06	22.59	-42.53	-13.00	-29.53	H
14999.88	-28.00	11.67	25.73	-42.06	-13.00	-29.06	H
7500.03	-33.88	11.85	17.21	-39.24	-13.00	-26.24	V
11249.84	-32.97	12.06	22.59	-43.50	-13.00	-30.50	V
14999.88	-27.92	11.67	25.31	-41.56	-13.00	-28.56	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	Limit	Margin	Polarity
				(dBm)	(dBm)	(dBm)	
7590.11	-34.50	11.85	17.21	-39.86	-13.00	-26.86	H
11384.77	-32.87	12.06	22.59	-43.40	-13.00	-30.40	H
15180.12	-27.43	11.67	25.73	-41.49	-13.00	-28.49	H
7590.11	-34.42	11.85	17.21	-39.78	-13.00	-26.78	V
11384.77	-32.04	12.06	22.59	-42.57	-13.00	-29.57	V
15180.12	-27.90	11.67	25.31	-41.54	-13.00	-28.54	V



NR n78 / 20MHz / QPSK / RB Size 1 Offset 1/ The Worst Test Results for Lowest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea	Limit	Margin	Polarity
				(dBm)	(dBm)	(dBm)	
7420.17	-34.04	11.85	17.21	-39.40	-13.00	-26.40	H
11130.16	-32.67	12.06	22.59	-43.20	-13.00	-30.20	H
14839.98	-27.47	11.67	25.73	-41.53	-13.00	-28.53	H
7420.17	-34.10	11.85	17.21	-39.46	-13.00	-26.46	V
11130.16	-33.01	12.06	22.59	-43.54	-13.00	-30.54	V
14839.98	-28.36	11.67	25.31	-42.00	-13.00	-29.00	V
NR n78 / 20MHz / QPSK / RB Size 1 Offset 1/ The Worst Test Results for Middle							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea	Limit	Margin	Polarity
				(dBm)	(dBm)	(dBm)	
7500.09	-34.59	11.85	17.21	-39.95	-13.00	-26.95	H
11249.97	-33.03	12.06	22.59	-43.56	-13.00	-30.56	H
15000.02	-28.48	11.67	25.73	-42.54	-13.00	-29.54	H
7500.09	-34.09	11.85	17.21	-39.45	-13.00	-26.45	V
11249.97	-33.11	12.06	22.59	-43.64	-13.00	-30.64	V
15000.02	-28.33	11.67	25.31	-41.97	-13.00	-28.97	V
NR n78 / 20MHz / QPSK / RB Size 1 Offset 1/ The Worst Test Results for Highest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea	Limit	Margin	Polarity
				(dBm)	(dBm)	(dBm)	
7580.14	-34.37	11.85	17.21	-39.73	-13.00	-26.73	H
11370.16	-32.64	12.06	22.59	-43.17	-13.00	-30.17	H
15160.09	-27.43	11.67	25.73	-41.49	-13.00	-28.49	H
7580.14	-34.16	11.85	17.21	-39.52	-13.00	-26.52	V
11370.16	-33.29	12.06	22.59	-43.82	-13.00	-30.82	V
15160.09	-27.59	11.67	25.31	-41.23	-13.00	-28.23	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	Limit	Margin	Polarity
				(dBm)	(dBm)	(dBm)	
7449.85	-34.66	11.85	17.21	-40.02	-13.00	-27.02	H
11174.80	-32.58	12.06	22.59	-43.11	-13.00	-30.11	H
14900.24	-27.15	11.67	25.73	-41.21	-13.00	-28.21	H
7449.85	-34.49	11.85	17.21	-39.85	-13.00	-26.85	V
11174.80	-32.96	12.06	22.59	-43.49	-13.00	-30.49	V
14900.24	-28.13	11.67	25.31	-41.77	-13.00	-28.77	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	Limit	Margin	Polarity
				(dBm)	(dBm)	(dBm)	
7500.12	-34.07	11.85	17.21	-39.43	-13.00	-26.43	H
11249.98	-32.22	12.06	22.59	-42.75	-13.00	-29.75	H
14999.99	-28.03	11.67	25.73	-42.09	-13.00	-29.09	H
7500.12	-34.71	11.85	17.21	-40.07	-13.00	-27.07	V
11249.98	-32.91	12.06	22.59	-43.44	-13.00	-30.44	V
14999.99	-27.27	11.67	25.31	-40.91	-13.00	-27.91	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	Limit	Margin	Polarity
				(dBm)	(dBm)	(dBm)	
7489.83	-34.67	11.85	17.21	-40.03	-13.00	-27.03	H
11235.03	-33.07	12.06	22.59	-43.60	-13.00	-30.60	H
14979.83	-28.08	11.67	25.73	-42.14	-13.00	-29.14	H
7489.83	-34.43	11.85	17.21	-39.79	-13.00	-26.79	V
11235.03	-32.30	12.06	22.59	-42.83	-13.00	-29.83	V
14979.83	-28.52	11.67	25.31	-42.16	-13.00	-29.16	V



n78(3700-3800MHz)SCS=30KHz

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	Limit	Margin	Polarity
				(dBm)	(dBm)	(dBm)	
7410.09	-34.07	11.71	17.95	-40.31	-13.00	-27.31	H
11114.95	-33.27	11.95	22.82	-44.14	-13.00	-31.14	H
14819.93	-28.05	13.68	26.27	-40.64	-13.00	-27.64	H
7410.09	-34.20	11.71	17.95	-40.44	-13.00	-27.44	V
11114.95	-33.26	11.95	22.82	-44.13	-13.00	-31.13	V
14819.93	-28.29	13.68	26.27	-40.88	-13.00	-27.88	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	Limit	Margin	Polarity
				(dBm)	(dBm)	(dBm)	
7499.90	-34.66	11.71	17.95	-40.90	-13.00	-27.90	H
11250.16	-32.95	11.95	22.82	-43.82	-13.00	-30.82	H
15000.20	-28.08	13.68	26.27	-40.67	-13.00	-27.67	H
7499.90	-34.50	11.71	17.95	-40.74	-13.00	-27.74	V
11250.16	-33.22	11.95	22.82	-44.09	-13.00	-31.09	V
15000.20	-28.39	13.68	26.27	-40.98	-13.00	-27.98	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	Limit	Margin	Polarity
				(dBm)	(dBm)	(dBm)	
7989.99	-34.03	11.71	17.95	-40.27	-13.00	-27.27	H
11385.19	-32.80	11.95	22.82	-43.67	-13.00	-30.67	H
15180.02	-27.77	13.68	26.27	-40.36	-13.00	-27.36	H
7989.99	-34.55	11.71	17.95	-40.79	-13.00	-27.79	V
11385.19	-32.03	11.95	22.82	-42.90	-13.00	-29.90	V
15180.02	-27.55	13.68	26.27	-40.14	-13.00	-27.14	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	Limit	Margin	Polarity
				(dBm)	(dBm)	(dBm)	
7449.84	-33.56	11.71	17.95	-39.80	-13.00	-26.80	H
11175.12	-33.32	11.95	22.82	-44.19	-13.00	-31.19	H
14899.85	-28.03	13.68	26.27	-40.62	-13.00	-27.62	H
7449.84	-34.28	11.71	17.95	-40.52	-13.00	-27.52	V
11175.12	-32.97	11.95	22.82	-43.84	-13.00	-30.84	V
14899.85	-27.47	13.68	26.27	-40.06	-13.00	-27.06	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	Limit	Margin	Polarity
				(dBm)	(dBm)	(dBm)	
7499.93	-33.46	11.71	17.95	-39.70	-13.00	-26.70	H
11249.94	-32.54	11.95	22.82	-43.41	-13.00	-30.41	H
15000.20	-28.33	13.68	26.27	-40.92	-13.00	-27.92	H
7499.93	-34.25	11.71	17.95	-40.49	-13.00	-27.49	V
11249.94	-32.00	11.95	22.82	-42.87	-13.00	-29.87	V
15000.20	-27.74	13.68	26.27	-40.33	-13.00	-27.33	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	Limit	Margin	Polarity
				(dBm)	(dBm)	(dBm)	
7550.08	-34.03	11.71	17.95	-40.27	-13.00	-27.27	H
11324.87	-32.29	11.95	22.82	-43.16	-13.00	-30.16	H
15099.83	-27.40	13.68	26.27	-39.99	-13.00	-26.99	H
7550.08	-33.71	11.71	17.95	-39.95	-13.00	-26.95	V
11324.87	-33.27	11.95	22.82	-44.14	-13.00	-31.14	V
15099.83	-27.23	13.68	26.27	-39.82	-13.00	-26.82	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	Limit	Margin	Polarity
				(dBm)	(dBm)	(dBm)	
7499.83	-33.88	11.71	17.95	-40.12	-13.00	-27.12	H
11250.09	-33.37	11.95	22.82	-44.24	-13.00	-31.24	H
15000.17	-28.01	13.68	26.27	-40.60	-13.00	-27.60	H
7499.83	-33.81	11.71	17.95	-40.05	-13.00	-27.05	V
11250.09	-33.11	11.95	22.82	-43.98	-13.00	-30.98	V
15000.17	-27.93	13.68	26.27	-40.52	-13.00	-27.52	V



NSA:

EN-DC_n78(3450-3550MHz)SCS=15KHz

DC_2A_n78A / 10MHz / QPSK / RB Size 1 Offset 1/ The Worst Test Results for Lowest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea	Limit	Margin	Polarity
				(dBm)	(dBm)	(dBm)	
6910.33	-34.25	11.85	17.21	-39.61	-13.00	-26.61	H
10364.95	-32.24	12.06	22.59	-42.77	-13.00	-29.77	H
13820.09	-28.22	11.67	25.73	-42.28	-13.00	-29.28	H
6910.33	-34.45	11.85	17.21	-39.81	-13.00	-26.81	V
10364.95	-33.22	12.06	22.59	-43.75	-13.00	-30.75	V
13820.09	-27.88	11.67	25.31	-41.52	-13.00	-28.52	V
DC_2A_n78A / 10MHz / QPSK / RB Size 1 Offset 1/ The Worst Test Results for Middle							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea	Limit	Margin	Polarity
				(dBm)	(dBm)	(dBm)	
6999.90	-34.30	11.85	17.21	-39.66	-13.00	-26.66	H
10500.01	-32.26	12.06	22.59	-42.79	-13.00	-29.79	H
13999.88	-27.69	11.67	25.73	-41.75	-13.00	-28.75	H
6999.90	-33.66	11.85	17.21	-39.02	-13.00	-26.02	V
10500.01	-33.32	12.06	22.59	-43.85	-13.00	-30.85	V
13999.88	-27.80	11.67	25.31	-41.44	-13.00	-28.44	V
DC_2A_n78A / 10MHz / QPSK / RB Size 1 Offset 1/ The Worst Test Results for Highest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea	Limit	Margin	Polarity
				(dBm)	(dBm)	(dBm)	
7089.93	-34.57	11.85	17.21	-39.93	-13.00	-26.93	H
10635.05	-33.36	12.06	22.59	-43.89	-13.00	-30.89	H
14179.72	-28.62	11.67	25.73	-42.68	-13.00	-29.68	H
7089.93	-34.68	11.85	17.21	-40.04	-13.00	-27.04	V
10635.05	-32.25	12.06	22.59	-42.78	-13.00	-29.78	V
14179.72	-27.16	11.67	25.31	-40.80	-13.00	-27.80	V



DC_2A_n78A / 20MHz / QPSK / RB Size 1 Offset 1/ The Worst Test Results for Lowest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea	Limit	Margin	Polarity
				(dBm)	(dBm)	(dBm)	
6920.68	-34.32	11.85	17.21	-39.68	-13.00	-26.68	H
10380.86	-32.50	12.06	22.59	-43.03	-13.00	-30.03	H
13840.92	-27.22	11.67	25.73	-41.28	-13.00	-28.28	H
6920.68	-34.59	11.85	17.21	-39.95	-13.00	-26.95	V
10380.86	-32.12	12.06	22.59	-42.65	-13.00	-29.65	V
13840.92	-27.29	11.67	25.31	-40.93	-13.00	-27.93	V
DC_2A_n78A / 20MHz / QPSK / RB Size 1 Offset 1/ The Worst Test Results for Middle							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea	Limit	Margin	Polarity
				(dBm)	(dBm)	(dBm)	
7000.13	-34.06	11.85	17.21	-39.42	-13.00	-26.42	H
10499.84	-33.23	12.06	22.59	-43.76	-13.00	-30.76	H
14000.14	-28.40	11.67	25.73	-42.46	-13.00	-29.46	H
7000.13	-34.33	11.85	17.21	-39.69	-13.00	-26.69	V
10499.84	-32.39	12.06	22.59	-42.92	-13.00	-29.92	V
14000.14	-27.17	11.67	25.31	-40.81	-13.00	-27.81	V
DC_2A_n78A / 20MHz / QPSK / RB Size 1 Offset 1/ The Worst Test Results for Highest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea	Limit	Margin	Polarity
				(dBm)	(dBm)	(dBm)	
7079.77	-34.57	11.85	17.21	-39.93	-13.00	-26.93	H
10619.78	-33.45	12.06	22.59	-43.98	-13.00	-30.98	H
14160.21	-27.99	11.67	25.73	-42.05	-13.00	-29.05	H
7079.77	-33.94	11.85	17.21	-39.30	-13.00	-26.30	V
10619.78	-32.95	12.06	22.59	-43.48	-13.00	-30.48	V
14160.21	-28.61	11.67	25.31	-42.25	-13.00	-29.25	V



DC_2A_n78A / 50MHz / QPSK / RB Size 1 Offset 1/ The Worst Test Results for Lowest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea	Limit	Margin	Polarity
				(dBm)	(dBm)	(dBm)	
6950.17	-33.63	11.85	17.21	-38.99	-13.00	-25.99	H
10425.06	-33.46	12.06	22.59	-43.99	-13.00	-30.99	H
13900.13	-27.45	11.67	25.73	-41.51	-13.00	-28.51	H
6950.17	-34.21	11.85	17.21	-39.57	-13.00	-26.57	V
10425.06	-32.17	12.06	22.59	-42.70	-13.00	-29.70	V
13900.13	-27.97	11.67	25.31	-41.61	-13.00	-28.61	V
DC_2A_n78A / 50MHz / QPSK / RB Size 1 Offset 1/ The Worst Test Results for Middle							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea	Limit	Margin	Polarity
				(dBm)	(dBm)	(dBm)	
7000.26	-34.00	11.85	17.21	-39.36	-13.00	-26.36	H
10500.07	-32.86	12.06	22.59	-43.39	-13.00	-30.39	H
13999.91	-28.38	11.67	25.73	-42.44	-13.00	-29.44	H
7000.26	-33.79	11.85	17.21	-39.15	-13.00	-26.15	V
10500.07	-32.54	12.06	22.59	-43.07	-13.00	-30.07	V
13999.91	-27.30	11.67	25.31	-40.94	-13.00	-27.94	V
DC_2A_n78A / 50MHz / QPSK / RB Size 1 Offset 1/ The Worst Test Results for Highest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea	Limit	Margin	Polarity
				(dBm)	(dBm)	(dBm)	
7050.09	-33.72	11.85	17.21	-39.08	-13.00	-26.08	H
10575.02	-32.92	12.06	22.59	-43.45	-13.00	-30.45	H
14100.24	-27.58	11.67	25.73	-41.64	-13.00	-28.64	H
7050.09	-34.74	11.85	17.21	-40.10	-13.00	-27.10	V
10575.02	-32.35	12.06	22.59	-42.88	-13.00	-29.88	V
14100.24	-27.17	11.67	25.31	-40.81	-13.00	-27.81	V



EN-DC_n78(3450-3550MHz)SCS=30KHz

DC_2A_n78A / 10MHz / QPSK / RB Size 1 Offset 1/ The Worst Test Results for Lowest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea	Limit	Margin	Polarity
				(dBm)	(dBm)	(dBm)	
6910.26	-33.53	11.85	17.21	-38.89	-13.00	-25.89	H
10365.11	-32.39	12.06	22.59	-42.92	-13.00	-29.92	H
13820.00	-27.52	11.67	25.73	-41.58	-13.00	-28.58	H
6910.26	-33.64	11.85	17.21	-39.00	-13.00	-26.00	V
10365.11	-33.42	12.06	22.59	-43.95	-13.00	-30.95	V
13820.00	-27.44	11.67	25.31	-41.08	-13.00	-28.08	V
DC_2A_n78A / 10MHz / QPSK / RB Size 1 Offset 1/ The Worst Test Results for Middle							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea	Limit	Margin	Polarity
				(dBm)	(dBm)	(dBm)	
6999.86	-33.80	11.85	17.21	-39.16	-13.00	-26.16	H
10500.25	-32.84	12.06	22.59	-43.37	-13.00	-30.37	H
14000.12	-28.64	11.67	25.73	-42.70	-13.00	-29.70	H
6999.86	-33.85	11.85	17.21	-39.21	-13.00	-26.21	V
10500.25	-32.60	12.06	22.59	-43.13	-13.00	-30.13	V
14000.12	-28.49	11.67	25.31	-42.13	-13.00	-29.13	V
DC_2A_n78A / 10MHz / QPSK / RB Size 1 Offset 1/ The Worst Test Results for Highest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea	Limit	Margin	Polarity
				(dBm)	(dBm)	(dBm)	
7089.99	-34.69	11.85	17.21	-40.05	-13.00	-27.05	H
10634.92	-32.69	12.06	22.59	-43.22	-13.00	-30.22	H
14179.89	-27.63	11.67	25.73	-41.69	-13.00	-28.69	H
7089.99	-34.71	11.85	17.21	-40.07	-13.00	-27.07	V
10634.92	-32.49	12.06	22.59	-43.02	-13.00	-30.02	V
14179.89	-28.23	11.67	25.31	-41.87	-13.00	-28.87	V



DC_2A_n78A / 50MHz / QPSK / RB Size 1 Offset 1/ The Worst Test Results for Lowest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea	Limit	Margin	Polarity
				(dBm)	(dBm)	(dBm)	
6950.30	-34.68	11.85	17.21	-40.04	-13.00	-27.04	H
10424.80	-32.46	12.06	22.59	-42.99	-13.00	-29.99	H
13900.14	-28.25	11.67	25.73	-42.31	-13.00	-29.31	H
6950.30	-33.69	11.85	17.21	-39.05	-13.00	-26.05	V
10424.80	-32.05	12.06	22.59	-42.58	-13.00	-29.58	V
13900.14	-28.47	11.67	25.31	-42.11	-13.00	-29.11	V
DC_2A_n78A / 50MHz / QPSK / RB Size 1 Offset 1/ The Worst Test Results for Middle							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea	Limit	Margin	Polarity
				(dBm)	(dBm)	(dBm)	
7000.03	-34.43	11.85	17.21	-39.79	-13.00	-26.79	H
10500.23	-32.08	12.06	22.59	-42.61	-13.00	-29.61	H
14000.09	-27.98	11.67	25.73	-42.04	-13.00	-29.04	H
7000.03	-34.62	11.85	17.21	-39.98	-13.00	-26.98	V
10500.23	-32.91	12.06	22.59	-43.44	-13.00	-30.44	V
14000.09	-27.71	11.67	25.31	-41.35	-13.00	-28.35	V
DC_2A_n78A / 50MHz / QPSK / RB Size 1 Offset 1/ The Worst Test Results for Highest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea	Limit	Margin	Polarity
				(dBm)	(dBm)	(dBm)	
7049.75	-33.50	11.85	17.21	-38.86	-13.00	-25.86	H
10574.85	-32.54	12.06	22.59	-43.07	-13.00	-30.07	H
14100.03	-28.52	11.67	25.73	-42.58	-13.00	-29.58	H
7049.75	-34.47	11.85	17.21	-39.83	-13.00	-26.83	V
10574.85	-32.57	12.06	22.59	-43.10	-13.00	-30.10	V
14100.03	-28.29	11.67	25.31	-41.93	-13.00	-28.93	V



DC_2A_n78A / 100MHz / QPSK / RB Size 1 Offset 1/ The Worst Test Results for Lowest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea	Limit	Margin	Polarity
				(dBm)	(dBm)	(dBm)	
7000.09	-34.36	11.85	17.21	-39.72	-13.00	-26.72	H
10500.19	-33.18	12.06	22.59	-43.71	-13.00	-30.71	H
13999.90	-28.30	11.67	25.73	-42.36	-13.00	-29.36	H
7000.09	-33.65	11.85	17.21	-39.01	-13.00	-26.01	V
10500.19	-32.12	12.06	22.59	-42.65	-13.00	-29.65	V
13999.90	-27.56	11.67	25.31	-41.20	-13.00	-28.20	V
DC_2A_n78A / 100MHz / QPSK / RB Size 1 Offset 1/ The Worst Test Results for Highest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea	Limit	Margin	Polarity
				(dBm)	(dBm)	(dBm)	
6999.84	-34.66	11.85	17.21	-40.02	-13.00	-27.02	H
10499.95	-33.32	12.06	22.59	-43.85	-13.00	-30.85	H
13999.88	-28.38	11.67	25.73	-42.44	-13.00	-29.44	H
6999.84	-34.56	11.85	17.21	-39.92	-13.00	-26.92	V
10499.95	-32.81	12.06	22.59	-43.34	-13.00	-30.34	V
13999.88	-28.36	11.67	25.31	-42.00	-13.00	-29.00	V



EN-DC_n78(3700-3800MHz)SCS=15KHz

DC_2A_n78A / 10MHz / QPSK / RB Size 1 Offset 1/ The Worst Test Results for Lowest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea	Limit	Margin	Polarity
				(dBm)	(dBm)	(dBm)	
7410.35	-34.89	11.85	17.21	-40.25	-13.00	-27.25	H
11115.01	-33.28	12.06	22.59	-43.81	-13.00	-30.81	H
14819.94	-28.47	11.67	25.73	-42.53	-13.00	-29.53	H
7410.35	-33.96	11.85	17.21	-39.32	-13.00	-26.32	V
11115.01	-32.97	12.06	22.59	-43.50	-13.00	-30.50	V
14819.94	-28.05	11.67	25.31	-41.69	-13.00	-28.69	V
DC_2A_n78A / 10MHz / QPSK / RB Size 1 Offset 1/ The Worst Test Results for Middle							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea	Limit	Margin	Polarity
				(dBm)	(dBm)	(dBm)	
7499.83	-33.95	11.85	17.21	-39.31	-13.00	-26.31	H
11249.80	-33.18	12.06	22.59	-43.71	-13.00	-30.71	H
15000.07	-27.24	11.67	25.73	-41.30	-13.00	-28.30	H
7499.83	-34.69	11.85	17.21	-40.05	-13.00	-27.05	V
11249.80	-33.32	12.06	22.59	-43.85	-13.00	-30.85	V
15000.07	-27.65	11.67	25.31	-41.29	-13.00	-28.29	V
DC_2A_n78A / 10MHz / QPSK / RB Size 1 Offset 1/ The Worst Test Results for Highest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea	Limit	Margin	Polarity
				(dBm)	(dBm)	(dBm)	
7589.63	-34.59	11.85	17.21	-39.95	-13.00	-26.95	H
11384.63	-33.43	12.06	22.59	-43.96	-13.00	-30.96	H
15179.77	-27.38	11.67	25.73	-41.44	-13.00	-28.44	H
7589.63	-34.24	11.85	17.21	-39.60	-13.00	-26.60	V
11384.63	-33.40	12.06	22.59	-43.93	-13.00	-30.93	V
15179.77	-27.92	11.67	25.31	-41.56	-13.00	-28.56	V



DC_2A_n78A / 20MHz / QPSK / RB Size 1 Offset 1/ The Worst Test Results for Lowest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea	Limit	Margin	Polarity
				(dBm)	(dBm)	(dBm)	
7420.08	-34.08	11.85	17.21	-39.44	-13.00	-26.44	H
11130.12	-32.51	12.06	22.59	-43.04	-13.00	-30.04	H
14839.83	-28.63	11.67	25.73	-42.69	-13.00	-29.69	H
7420.08	-34.44	11.85	17.21	-39.80	-13.00	-26.80	V
11130.12	-32.31	12.06	22.59	-42.84	-13.00	-29.84	V
14839.83	-28.30	11.67	25.31	-41.94	-13.00	-28.94	V
DC_2A_n78A / 20MHz / QPSK / RB Size 1 Offset 1/ The Worst Test Results for Middle							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea	Limit	Margin	Polarity
				(dBm)	(dBm)	(dBm)	
7500.00	-34.25	11.85	17.21	-39.61	-13.00	-26.61	H
11249.82	-33.48	12.06	22.59	-44.01	-13.00	-31.01	H
15000.17	-28.04	11.67	25.73	-42.10	-13.00	-29.10	H
7500.00	-33.47	11.85	17.21	-38.83	-13.00	-25.83	V
11249.82	-32.04	12.06	22.59	-42.57	-13.00	-29.57	V
15000.17	-28.48	11.67	25.31	-42.12	-13.00	-29.12	V
DC_2A_n78A / 20MHz / QPSK / RB Size 1 Offset 1/ The Worst Test Results for Highest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea	Limit	Margin	Polarity
				(dBm)	(dBm)	(dBm)	
7580.13	-34.80	11.85	17.21	-40.16	-13.00	-27.16	H
11370.18	-33.39	12.06	22.59	-43.92	-13.00	-30.92	H
15160.12	-27.79	11.67	25.73	-41.85	-13.00	-28.85	H
7580.13	-34.55	11.85	17.21	-39.91	-13.00	-26.91	V
11370.18	-32.15	12.06	22.59	-42.68	-13.00	-29.68	V
15160.12	-27.64	11.67	25.31	-41.28	-13.00	-28.28	V



DC_2A_n78A / 50MHz / QPSK / RB Size 1 Offset 1/ The Worst Test Results for Lowest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea	Limit	Margin	Polarity
				(dBm)	(dBm)	(dBm)	
7449.96	-34.60	11.85	17.21	-39.96	-13.00	-26.96	H
11175.08	-32.46	12.06	22.59	-42.99	-13.00	-29.99	H
14900.10	-27.97	11.67	25.73	-42.03	-13.00	-29.03	H
7449.96	-34.69	11.85	17.21	-40.05	-13.00	-27.05	V
11175.08	-32.89	12.06	22.59	-43.42	-13.00	-30.42	V
14900.10	-27.38	11.67	25.31	-41.02	-13.00	-28.02	V
DC_2A_n78A / 50MHz / QPSK / RB Size 1 Offset 1/ The Worst Test Results for Middle							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea	Limit	Margin	Polarity
				(dBm)	(dBm)	(dBm)	
7500.20	-34.03	11.85	17.21	-39.39	-13.00	-26.39	H
11249.82	-33.01	12.06	22.59	-43.54	-13.00	-30.54	H
15000.10	-27.22	11.67	25.73	-41.28	-13.00	-28.28	H
7500.20	-34.44	11.85	17.21	-39.80	-13.00	-26.80	V
11249.82	-33.11	12.06	22.59	-43.64	-13.00	-30.64	V
15000.10	-28.52	11.67	25.31	-42.16	-13.00	-29.16	V
DC_2A_n78A / 50MHz / QPSK / RB Size 1 Offset 1/ The Worst Test Results for Highest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea	Limit	Margin	Polarity
				(dBm)	(dBm)	(dBm)	
7490.22	-33.66	11.85	17.21	-39.02	-13.00	-26.02	H
11235.24	-32.40	12.06	22.59	-42.93	-13.00	-29.93	H
14980.22	-27.25	11.67	25.73	-41.31	-13.00	-28.31	H
7490.22	-34.01	11.85	17.21	-39.37	-13.00	-26.37	V
11235.24	-33.30	12.06	22.59	-43.83	-13.00	-30.83	V
14980.22	-28.14	11.67	25.31	-41.78	-13.00	-28.78	V



EN-DC_n78(3700-3800MHz)SCS=30KHz

DC_2A_n78A / 10MHz / QPSK / RB Size 1 Offset 1/ The Worst Test Results for Lowest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea	Limit	Margin	Polarity
				(dBm)	(dBm)	(dBm)	
7410.16	-34.45	11.71	17.95	-40.69	-13.00	-27.69	H
11114.80	-32.07	11.95	22.82	-42.94	-13.00	-29.94	H
14820.02	-28.48	13.68	26.27	-41.07	-13.00	-28.07	H
7410.16	-33.80	11.71	17.95	-40.04	-13.00	-27.04	V
11114.80	-32.35	11.95	22.82	-43.22	-13.00	-30.22	V
14820.02	-27.76	13.68	26.27	-40.35	-13.00	-27.35	V
DC_2A_n78A / 10MHz / QPSK / RB Size 1 Offset 1/ The Worst Test Results for Middle							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea	Limit	Margin	Polarity
				(dBm)	(dBm)	(dBm)	
7500.14	-34.86	11.71	17.95	-41.10	-13.00	-28.10	H
11249.94	-32.20	11.95	22.82	-43.07	-13.00	-30.07	H
14999.91	-27.90	13.68	26.27	-40.49	-13.00	-27.49	H
7500.14	-34.59	11.71	17.95	-40.83	-13.00	-27.83	V
11249.94	-32.56	11.95	22.82	-43.43	-13.00	-30.43	V
14999.91	-28.19	13.68	26.27	-40.78	-13.00	-27.78	V
DC_2A_n78A / 10MHz / QPSK / RB Size 1 Offset 1/ The Worst Test Results for Highest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea	Limit	Margin	Polarity
				(dBm)	(dBm)	(dBm)	
7990.09	-34.59	11.71	17.95	-40.83	-13.00	-27.83	H
11385.07	-32.44	11.95	22.82	-43.31	-13.00	-30.31	H
15179.82	-28.05	13.68	26.27	-40.64	-13.00	-27.64	H
7990.09	-33.62	11.71	17.95	-39.86	-13.00	-26.86	V
11385.07	-32.80	11.95	22.82	-43.67	-13.00	-30.67	V
15179.82	-28.39	13.68	26.27	-40.98	-13.00	-27.98	V



DC_2A_n78A / 50MHz / QPSK / RB Size 1 Offset 1/ The Worst Test Results for Lowest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea	Limit	Margin	Polarity
				(dBm)	(dBm)	(dBm)	
7450.27	-34.45	11.71	17.95	-40.69	-13.00	-27.69	H
11174.91	-32.18	11.95	22.82	-43.05	-13.00	-30.05	H
14899.81	-27.73	13.68	26.27	-40.32	-13.00	-27.32	H
7450.27	-34.08	11.71	17.95	-40.32	-13.00	-27.32	V
11174.91	-33.30	11.95	22.82	-44.17	-13.00	-31.17	V
14899.81	-28.53	13.68	26.27	-41.12	-13.00	-28.12	V
DC_2A_n78A / 50MHz / QPSK / RB Size 1 Offset 1/ The Worst Test Results for Middle							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea	Limit	Margin	Polarity
				(dBm)	(dBm)	(dBm)	
7500.15	-34.26	11.71	17.95	-40.50	-13.00	-27.50	H
11250.08	-33.17	11.95	22.82	-44.04	-13.00	-31.04	H
15000.05	-27.25	13.68	26.27	-39.84	-13.00	-26.84	H
7500.15	-34.71	11.71	17.95	-40.95	-13.00	-27.95	V
11250.08	-32.30	11.95	22.82	-43.17	-13.00	-30.17	V
15000.05	-28.46	13.68	26.27	-41.05	-13.00	-28.05	V
DC_2A_n78A / 50MHz / QPSK / RB Size 1 Offset 1/ The Worst Test Results for Highest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea	Limit	Margin	Polarity
				(dBm)	(dBm)	(dBm)	
7550.10	-33.49	11.71	17.95	-39.73	-13.00	-26.73	H
11325.04	-32.68	11.95	22.82	-43.55	-13.00	-30.55	H
15100.12	-28.17	13.68	26.27	-40.76	-13.00	-27.76	H
7550.10	-33.99	11.71	17.95	-40.23	-13.00	-27.23	V
11325.04	-33.43	11.95	22.82	-44.30	-13.00	-31.30	V
15100.12	-28.49	13.68	26.27	-41.08	-13.00	-28.08	V



DC_2A_n78A / 100MHz / QPSK / RB Size 1 Offset 1/ The Worst Test Results for Middle							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea	Limit	Margin	Polarity
				(dBm)	(dBm)	(dBm)	
7499.89	-34.73	11.71	17.95	-40.97	-13.00	-27.97	H
11249.99	-32.15	11.95	22.82	-43.02	-13.00	-30.02	H
15000.29	-28.35	13.68	26.27	-40.94	-13.00	-27.94	H
7499.89	-34.12	11.71	17.95	-40.36	-13.00	-27.36	V
11249.99	-33.23	11.95	22.82	-44.10	-13.00	-31.10	V
15000.29	-27.72	13.68	26.27	-40.31	-13.00	-27.31	V

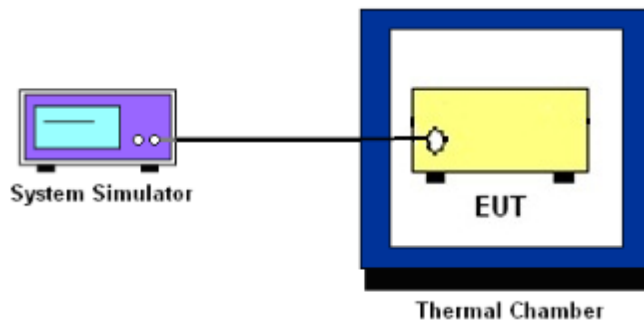
10. FREQUENCY STABILITY

10.1 DESCRIPTION OF FREQUENCY STABILITY MEASUREMENT

10.1.1 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.

10.1.2 TEST SETUP



10.1.3 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.

10.1.4 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.



10.1.5 TEST RESULTS

SA:

n78(3450-3550MHz)SCS=15KHz

NR n78 (DFT_BPSK) /SCS 15KHz / 3500.1MHz / BW50M					
Temperature (°C)	Voltage	Freq. Dev.	Freq. Dev.	Limit	Result
	(Volt)	(Hz)	(ppm)		
50	Normal Voltage	15.52	0.008	2.5ppm	PASS
40		17.76	0.009		
30		25.51	0.014		
20		18.88	0.010		
10		29.68	0.016		
0		28.46	0.015		
-10		16.44	0.009		
-20		12.46	0.007		
-30		28.77	0.015		
20		Maximum Voltage	27.36		
20	BEP	19.45	0.010		

NR n78 (DFT_QPSK) /SCS 15KHz / 3500.1MHz / BW50M					
Temperature (°C)	Voltage	Freq. Dev.	Freq. Dev.	Limit	Result
	(Volt)	(Hz)	(ppm)		
50	Normal Voltage	22.01	0.012	2.5ppm	PASS
40		29.46	0.016		
30		30.56	0.016		
20		13.33	0.007		
10		14.24	0.008		
0		30.57	0.016		
-10		27.37	0.015		
-20		12.53	0.007		
-30		12.26	0.007		
20		Maximum Voltage	17.07		
20	BEP	24.23	0.013		



n78(3450-3550MHz)SCS=30KHz

NR n78 (DFT_BPSK) /SCS 30KHz / 3499.98MHz / BW100M					
Temperature (°C)	Voltage	Freq. Dev.	Freq. Dev.	Limit	Result
	(Volt)	(Hz)	(ppm)		
50	Normal Voltage	18.05	0.010	2.5ppm	PASS
40		18.55	0.010		
30		34.83	0.019		
20		19.18	0.010		
10		14.63	0.008		
0		25.28	0.013		
-10		20.05	0.011		
-20		26.33	0.014		
-30		31.55	0.017		
20		Maximum Voltage	14.70		
20	BEP	36.34	0.019		

NR n78 (DFT_QPSK) /SCS 30KHz / 3499.98MHz / BW100M					
Temperature (°C)	Voltage	Freq. Dev.	Freq. Dev.	Limit	Result
	(Volt)	(Hz)	(ppm)		
50	Normal Voltage	23.13	0.012	2.5ppm	PASS
40		31.23	0.017		
30		18.47	0.010		
20		19.97	0.011		
10		32.29	0.017		
0		24.47	0.013		
-10		34.08	0.018		
-20		19.41	0.010		
-30		11.88	0.006		
20		Maximum Voltage	32.96		
20	BEP	17.54	0.009		



n78(3700-3800MHz)SCS=15KHz

NR n78 (DFT_BPSK) /SCS 15KHz / 3750MHz / BW50M					
Temperature (°C)	Voltage	Freq. Dev.	Freq. Dev.	Limit	Result
	(Volt)	(Hz)	(ppm)		
50	Normal Voltage	19.38	0.010	2.5ppm	PASS
40		21.42	0.011		
30		16.61	0.009		
20		13.89	0.007		
10		33.07	0.018		
0		29.61	0.016		
-10		32.30	0.017		
-20		12.97	0.007		
-30		19.01	0.010		
20		Maximum Voltage	22.47		
20	BEP	28.98	0.015		

NR n78 (DFT_QPSK) /SCS 15KHz / 3750MHz / BW50M					
Temperature (°C)	Voltage	Freq. Dev.	Freq. Dev.	Limit	Result
	(Volt)	(Hz)	(ppm)		
50	Normal Voltage	15.15	0.008	2.5ppm	PASS
40		14.02	0.007		
30		29.05	0.015		
20		16.90	0.009		
10		31.65	0.017		
0		23.98	0.013		
-10		21.90	0.012		
-20		22.05	0.012		
-30		23.29	0.012		
20		Maximum Voltage	23.54		
20	BEP	36.45	0.019		



n78(3700-3800MHz)SCS=30KHz

NR n78 (DFT_BPSK) /SCS 30KHz / 3750MHz / BW100M					
Temperature (°C)	Voltage	Freq. Dev.	Freq. Dev.	Limit	Result
	(Volt)	(Hz)	(ppm)		
50	Normal Voltage	33.41	0.018	2.5ppm	PASS
40		26.37	0.014		
30		21.14	0.011		
20		34.47	0.018		
10		28.48	0.015		
0		29.86	0.016		
-10		33.23	0.018		
-20		30.47	0.016		
-30		19.47	0.010		
20		Maximum Voltage	25.63		
20	BEP	27.63	0.015		

NR n78 (DFT_QPSK) /SCS 30KHz / 3750MHz / BW100M					
Temperature (°C)	Voltage	Freq. Dev.	Freq. Dev.	Limit	Result
	(Volt)	(Hz)	(ppm)		
50	Normal Voltage	18.76	0.010	2.5ppm	PASS
40		18.66	0.010		
30		25.58	0.014		
20		11.71	0.006		
10		34.33	0.018		
0		14.90	0.008		
-10		27.19	0.014		
-20		29.37	0.016		
-30		31.43	0.017		
20		Maximum Voltage	33.02		
20	BEP	33.49	0.018		



NSA:

EN-DC_n78(3450-3550MHz)SCS=15KHz

DC_2A_n78A (DFT_BPSK) /SCS 15KHz / 3500.1MHz / BW50M					
Temperature (°C)	Voltage	Freq. Dev.	Freq. Dev.	Limit	Result
	(Volt)	(Hz)	(ppm)		
50	Normal Voltage	27.41	0.015	2.5ppm	PASS
40		11.77	0.006		
30		29.89	0.016		
20		26.16	0.014		
10		31.37	0.017		
0		16.81	0.009		
-10		28.26	0.015		
-20		30.80	0.016		
-30		22.81	0.012		
20		Maximum Voltage	14.82		
20	BEP	24.84	0.013		

DC_2A_n78A (DFT_QPSK) /SCS 15KHz / 3500.1MHz / BW50M					
Temperature (°C)	Voltage	Freq. Dev.	Freq. Dev.	Limit	Result
	(Volt)	(Hz)	(ppm)		
50	Normal Voltage	19.88	0.011	2.5ppm	PASS
40		15.30	0.008		
30		18.22	0.010		
20		22.15	0.012		
10		22.10	0.012		
0		19.43	0.010		
-10		18.88	0.010		
-20		22.51	0.012		
-30		35.79	0.019		
20		Maximum Voltage	17.88		
20	BEP	34.86	0.019		



EN-DC_n78(3450-3550MHz)SCS=30KHz

DC_2A_n78A (DFT_BPSK) /SCS 30KHz / 3499.98MHz / BW100M					
Temperature (°C)	Voltage	Freq. Dev.	Freq. Dev.	Limit	Result
	(Volt)	(Hz)	(ppm)		
50	Normal Voltage	22.18	0.012	2.5ppm	PASS
40		20.35	0.011		
30		14.80	0.008		
20		19.80	0.011		
10		13.52	0.007		
0		12.56	0.007		
-10		34.10	0.018		
-20		19.13	0.010		
-30		24.33	0.013		
20		Maximum Voltage	28.43		
20	BEP	27.93	0.015		

DC_2A_n78A (DFT_QPSK) /SCS 30KHz / 3499.98MHz / BW100M					
Temperature (°C)	Voltage	Freq. Dev.	Freq. Dev.	Limit	Result
	(Volt)	(Hz)	(ppm)		
50	Normal Voltage	35.05	0.019	2.5ppm	PASS
40		15.23	0.008		
30		29.25	0.016		
20		34.82	0.019		
10		30.53	0.016		
0		33.51	0.018		
-10		29.27	0.016		
-20		18.23	0.010		
-30		20.45	0.011		
20		Maximum Voltage	24.39		
20	BEP	31.67	0.017		



EN-DC_n78(3700-3800MHz)SCS=15KHz

DC_2A_n78A (DFT_BPSK) /SCS 15KHz / 3750MHz / BW50M					
Temperature (°C)	Voltage	Freq. Dev.	Freq. Dev.	Limit	Result
	(Volt)	(Hz)	(ppm)		
50	Normal Voltage	25.06	0.013	2.5ppm	PASS
40		31.20	0.017		
30		19.52	0.010		
20		11.55	0.006		
10		25.91	0.014		
0		20.11	0.011		
-10		24.36	0.013		
-20		24.96	0.013		
-30		31.20	0.017		
20		Maximum Voltage	19.57		
20	BEP	24.59	0.013		

DC_2A_n78A (DFT_QPSK) /SCS 15KHz / 3750MHz / BW50M					
Temperature (°C)	Voltage	Freq. Dev.	Freq. Dev.	Limit	Result
	(Volt)	(Hz)	(ppm)		
50	Normal Voltage	31.27	0.017	2.5ppm	PASS
40		33.11	0.018		
30		14.30	0.008		
20		26.99	0.014		
10		33.05	0.018		
0		17.09	0.009		
-10		23.59	0.013		
-20		20.92	0.011		
-30		11.79	0.006		
20		Maximum Voltage	16.03		
20	BEP	31.12	0.017		



EN-DC_n78(3700-3800MHz)SCS=30KHz

DC_2A_n78A (DFT_BPSK) /SCS 30KHz / 3750MHz / BW100M					
Temperature (°C)	Voltage	Freq. Dev.	Freq. Dev.	Limit	Result
	(Volt)	(Hz)	(ppm)		
50	Normal Voltage	15.75	0.008	2.5ppm	PASS
40		19.69	0.010		
30		19.23	0.010		
20		18.95	0.010		
10		28.09	0.015		
0		14.99	0.008		
-10		19.80	0.011		
-20		14.45	0.008		
-30		36.36	0.019		
20		Maximum Voltage	28.09		
20	BEP	21.07	0.011		

DC_2A_n78A (DFT_QPSK) /SCS 30KHz / 3750MHz / BW100M					
Temperature (°C)	Voltage	Freq. Dev.	Freq. Dev.	Limit	Result
	(Volt)	(Hz)	(ppm)		
50	Normal Voltage	31.91	0.017	2.5ppm	PASS
40		23.12	0.012		
30		23.97	0.013		
20		23.60	0.013		
10		21.97	0.012		
0		14.40	0.008		
-10		17.68	0.009		
-20		24.29	0.013		
-30		35.35	0.019		
20		Maximum Voltage	29.90		
20	BEP	19.16	0.010		

