TEST REPORT

REPORT NUMBER: I23W00054-NR RF

ON

Type of Equipment:	**5G CPE**
Type of Designation:	**PW550, PW571,PW512,JW515, PW550-NA**
Brand Name:	**ATEL**
Manufacturer:	**Asiatelco Technologies Co.**
FCC ID:	**XYO-PW550**

ACCORDING TO
FCC 47 CFR Part 24; FCC 47 CFR Part 27; FCC 47 CFR Part 22;
FCC 47 CFR Part 2; FCC 47 CFR Part 90

Chongqing Academy of Information and Communications Technology

Month date, year
Sep 26, 2023

Signature

Director

Note:

The test results in this test report relate only to the devices specified in this report. This report shall not be reproduced except in full without the written approval of Chongqing Academy of Information and Communications Technology.

Revision Version

Report Number	Revision	Date	Memo
I23W00054-NR RF	00	2023-09-26	Initial creation of test report

CONTENTS

1. Test Laboratory 5
1.1. Testing Location 5
1.2. Testing Environment 5
1.3. Project data 5
1.4. Signature 5
2. Client Information 6
2.1. Applicant Information 6
2.2. Manufacturer Information 6
3. Equipment under Test (EUT) and Ancillary Equipment (AE) 7
3.1. About EUT 7
3.2. Internal Identification of EUT used during the test 7
3.3. Outline of Equipment under Test 7
3.4. Internal Identification of AE used during the test 8
4. Reference Documents 9
4.1. Documents supplied by applicant 9
4.2. Reference Documents for testing 9
5. Test Equipments Utilized 10
5.1. RF Test System 10
5.2. RSE Test System 10
5.3. Climate Chamber 10
5.4. Vibration table 11
5.5. Test software 11
6. Test Results 12
6.1. Summary of Test Results 12
6.2. Conducted Output Power and ERP/EIRP 14
6.3. Emission Limit 16

Annex A EUT Photos.....41

Annex B Deviations from Prescribed Test Methods.....42

1. Test Laboratory

1.1. Testing Location

Name:	Chongqing Academy of Information and Communications Technology
Identifier Number:	CN0044
Designation Number:	CN1239
Address:	Building C, Technology Innovation Center, No.8, Yuma Road, Chayuan New Area, Nan'an District, Chongqing, People's Republic of China
Postal Code:	401336
Telephone:	0086-23-88069965
Fax:	0086-23-88608777

1.2. Testing Environment

Normal Temperature:	15-35℃
Relative Humidity:	30-60%

1.3. Project data

Testing Start Date:	2023-09-11
Testing End Date:	2023-09-18

1.4. Signature

董俊鑫	2023-09-26
Dong Junxin (Prepared this test report)	**Date**
王丽丽	2023-09-26
Wang Lili (Reviewed this test report)	**Date**
向罗勇	2023-09-26
Xiang Luoyong Director of the laboratory (Approved this test report)	**Date**

2. Client Information

2.1. Applicant Information

Company Name:	Asiatelco Technologies Co.
Address /Post:	#289 Bisheng Road, Building-8, 3F, Zhang jiang Hi-Tech Park, Pudong, Shanghai, China
City:	Shanghai
Country:	China
Telephone:	N/A
Fax:	N/A
Email:	kwchen@asiatelco.com
Contact Person:	Ella Chen

2.2. Manufacturer Information

Company Name:	Asiatelco Technologies Co.
Address /Post:	#289 Bisheng Road, Building-8, 3F, Zhang jiang Hi-Tech Park, Pudong, Shanghai, China
City:	Shanghai
Country:	China
Telephone:	N/A
Fax:	N/A
Email:	kwchen@asiatelco.com
Contact Person:	Ella Chen

3. Equipment under Test (EUT) and Ancillary Equipment (AE)

3.1. About EUT

EUT Description	5G CPE
Model name	PW550, PW571,PW512,JW515, PW550-NA
Brand name	ATEL
NR Frequency Band	n2/n5/n7/n12/n14/n25/n30/n41/n66/n71/n77/n78
Type of modulation	CP-OFDM: QPSK/16QAM/64QAM/256QAM DFT-s-OFDM:PI/2 BPSK/QPSK/16QAM/64QAM/256QAM
Power Class 2	n41/n77/n78
Power Class 3	n2/n5/n7/n12/n14/n25/n30/n66/n71
Extreme Temperature	-20/+60℃
Nominal Voltage	24V
Extreme High Voltage	25.2V
Extreme Low Voltage	22.8V

Note: Photographs of EUT are shown in ANNEX A of this test report.
Note: High and low voltage values in extreme condition test are given by manufacturer.

3.2. Internal Identification of EUT used during the test

EUT ID*	SN or IMEI	HW Version	SW Version	Date of receipt
S6	862424050115293	PW55-P1	CPE5_PW550_N0_00_v1.0.2	2023-09-11
S2	862424050062271	PW55-P1	CPE5_PW550_N0_00_v1.0.2	2023-09-05

*EUT ID: is used to identify the test sample in the lab internally.

3.3. Outline of Equipment under Test

Technology	Band	UL Freq.(MHz)	DL Freq.(MHz)	Note
NR	n2	1850 – 1910	1930 – 1990	--

Technology	Band	UL Freq.(MHz)	DL Freq.(MHz)	Note
	n5	824 – 849	869 – 894	--
	n7	2500 – 2570	2620 – 2690	--
	n12	699 – 716	729 – 746	--
	n14	788 – 798	758 – 768	--
	n25	1850 – 1915	1930 – 1995	--
	n30	2305 – 2315	2350 – 2360	--
	n41	2496 – 2690	2496 – 2690	--
	n66	1710 – 1780	2110 – 2200	--
	n71	663 – 698	617 – 652	--
	n77(3450-3550)	3450 – 3550	3450 – 3550	--
	n77(3700-3980)	3700 – 3980	3700 – 3980	--
	n78(3450-3550)	3450 – 3550	3450 – 3550	--
	n78(3700-3800)	3700 – 3800	3700 – 3800	--

3.4. Internal Identification of AE used during the test

AE ID*	Description	dB*
AE1	RF cable	0.5

*AE ID: is used to identify the test sample in the lab internally.
dB*： is provided customer.

4. Reference Documents

4.1. Documents supplied by applicant

PICS/PIXIT, referring to Annex B for detailed information, is supplied by the client or manufacturer, which is the basis of testing.

4.2. Reference Documents for testing

The following documents listed in this section are referred for testing.

Reference	Title	Version
FCC 47 CFR Part 2	FREQUENCY ALLOCATIONS AND RADIO TREATY MATTERS; GENERAL RULES AND REGULATIONS	2022-10-01
FCC 47 CFR Part 22	PUBLIC MOBILE SERVICES	2022-10-01
FCC 47 CFR Part 24	PERSONAL COMMUNICATIONS SERVICES	2022-10-01
FCC 47 CFR Part 27	MISCELLANEOUS WIRELESS COMMUNICATIONS SERVICES	2022-10-01
FCC 47 CFR Part 90	PRIVATE LAND MOBILE RADIO SERVICES	2022-10-01

5. Test Equipments Utilized

5.1. RF Test System

No.	Equipment	Model	SN	HW Version	SW Version	Manufacture	Cal. Interval	Cal.Due Date
1	Universal Radio CommunicationTester	SP9500	19155	V1.0-328-1GFGF	R1.0.9.0+SP1	StarPoint	1 Year	2024-06-28

5.2. RSE Test System

No.	Equipment	Model	SN	HW Version	SW Version	Manufacture	Cal. Interval	Cal.Due Date
1	Universal Radio Communication Tester	SP9500	20699	--	--	StartPoint	1 Year	2024-06-28
2	Ultra-wideband Log Periodic Antenna	VULB9163	9163-586	--	--	Schwarzbeck	1 Year	2024-10-28
3	Double RidgedGuide Antenna	9120D	1103/1083	--	--	Schwarzbeck	1 Year	2024-12-14
4	Universal Radio CommunicationTester	SP9500	19155	V1.0-328-1GFGF	R1.0.9.0+SP1	StarPoint	1 Year	2024-06-28
5	Test Receiver	ESU 40	100350	1	4.43 SP3	R&S	1 Year	2024-06-28
6	Horn Antenna	DATE 1152	LM7127	--	--	ETS	1 Year	2024-09-06

5.3. Climate Chamber

No.	Name	Type	SN	Manufacture	Cal. Interval	Cal.Due Date
1	Fully anechoic chamber	FAC-5	--	TDK	3 Year	2024-09-22
2	Semi-anechoic chamber	FAC-10	--	TDK	3 Year	2026-08-26

5.4. Vibration table

No.	Name	Type	SN	Manufacture	Cal. Interval	Cal.Due Date
--	--	--	--	--	--	--

5.5. Test software

No.	Name	version	SN	Manufacture
1	EMC32	V 9.26.01	--	R&S
2	T-RFS500	T-RFS500	T-RFS500	T-RFS500

6. Test Results

6.1. Summary of Test Results

A brief summary of the tests carried out is shown as following.

No.	Test Type	Clause in FCC rules	Verdict
1	Conducted Output Power	2.1046	Pass
2	Equivalent Isotropic Radiated Power &Effective Radiated Power	22.913(a)(5), 27.50(b)(10), 27.50(c)(10), 27.50(h)(2), 27.50(d)(4), 27.50(a)(3), 27.50(j), 27.50(k)(3), 90.205, 24.232	Pass
3	Peak-to-Average Ratio	24.232(d), 27.50(d)(5), 27.50(k)(4)	Refer to the report (Report No.: SAR/2021/4000902 ,SRTC2021-9004(F)-21082802(N))
4	Occupied Bandwidth	2.1049	Refer to the report (Report No.: SAR/2021/4000902 ,SRTC2021-9004(F)-21082802(N))
5	Conducted Band Edge Measurement	2.1051, 22.917(a), 24.238(a), 27.53(c), 27.53(g), 27.53(h), 27.53(m), 27.53(a) 27.53(o), 27.53(I)(2), 27.50(n)(2)	Refer to the report (Report No.: SAR/2021/4000902 ,SRTC2021-9004(F)-21082802(N))
6	Conducted Spurious Emission	2.1051, 22.917(a), 24.238(a), 27.53(c), 27.53(g), 27.53(h), 27.53(m), 27.53(a), 27.53(l), 27.50(n), 90.543(e)	Refer to the report (Report No.: SAR/2021/4000902 ,SRTC2021-9004(F)-21082802(N))
7	Frequency Stability Temperature & Voltage	2.1055, 22.355, 24.235, 27.54, 90.213	Refer to the report (Report No.: SAR/2021/4000902 ,SRTC2021-9004(F)-21082802(N))
8	Emission Limit	2.1053, 22.917(a), 24.238(a), 27.53(c), 27.53(g), 27.53(h), 27.53(f), 27.53(a), 27.53(1), 27.53(m), 27.53(o), 27.50(n)(2), 90 543(e)	Pass
Note: The PW550, PW571,PW512,JW515, PW550-NA manufactured by Asiatelco Technologies Co. is a new			

product for testing.
The RF module inside the product have been certified, FCC ID: ZMOFG360NA. certified on 13/12/2022, Only RF output power, Radiated Spurious Emission is tested for 5G CPE model PW550, PW571,PW512,JW515, PW550-NA in this report, and because of the change of antenna gain, Effective Isotropic Radiated Power and Effective Radiated Power also re-evaluated. Other test items refer to the FG360-NA Module report (Report No.: SAR/2021/4000902 and SRTC2021-9004(F)-21082802(N), FCC ID: ZMOFG360NA).

6.2. Conducted Output Power and ERP/EIRP

Specifications:	FCC Part 2.1046, 22.913(a)(5), 27.50(b)(10), 27.50(c)(10), 27.50(h)(2), 27.50(d)(4), 27.50(a)(3), 27.50(j), 27.50(k)(3), 90.205, 24.232
DUT Serial Number:	S6
Test conditions:	Ambient Temperature:15°C-35°C Relative Humidity:30%-60% Air pressure: 86-106kPa
Test Results:	Pass

6.2.1. Measurement Uncertainty

Item	Uncertainty
Expanded Uncertainty	0.62dB (k=2)

6.2.2. Description of the Conducted Output Power Measurement and ERP/EIRP Measurement

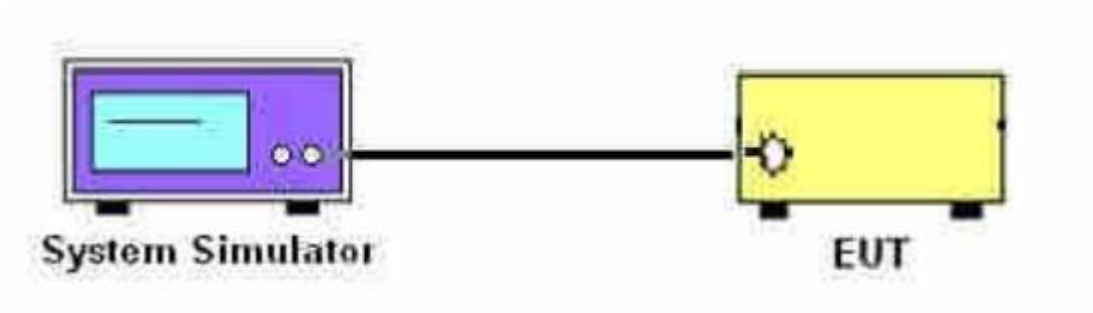
A system simulator was used to establish communication with the EUT. Its parameters were set to force the EUT transmitting at maximum output power. The measured power in the radio frequency on the transmitter output terminals shall be reported.
The ERP of mobile transmitters must not exceed 3 Watts for 5G NR n12, n14 and n71.
The ERP of mobile transmitters must not exceed 7 Watts for 5G NR n5.
The EIRP of mobile transmitters must not exceed 2 Watts for 5G NR n2, n7, n25 and n41.
The EIRP of mobile transmitters must not exceed 1 Watts for 5G NR n66, n77, N78.
The EIRP of mobile transmitters must not exceed 250mW/5MHz for 5G NR n30.

According to KDB 412172 D01 Power Approach,
EIRP = $P_T + G_T - L_C$, ERP = EIRP -2.15, where
P_T = transmitter output power in dBm
G_T = gain of the transmitting antenna in dBi
L_C = signal attenuation in the connecting cable between the transmitter and antenna in dB

6.2.3. Test procedures

1. The testing follows ANSI C63.26 Section 5.2
2. The transmitter output port was connected to the system simulator.
3. Set EUT at maximum power through the system simulator.
4. Select lowest, middle, and highest channels for each band and different modulation.
5. Measure and record the power level from the system simulator

6.2.4. Test Setup



6.2.5. Antenna Gain

Band	Ant 8	Ant 6	Ant 3	Ant 1
NR n2	1.7	/	/	/
NR n5	1.56	/	/	/
NR n7	1.07	/	/	/
NR n12	0.92	/	/	/
NR n14	0.43	/	/	/
NR n25	1.7	/	/	/
NR n30	0.22	/	/	/
NR n41	1.77	/	1.92	/
NR n66	1.82	/	/	/
NR n71	0.92	/	/	/
NR n77	/	1.84	/	1.91
NR n78	/	1.84	/	1.61
Note: The data of antenna gain is based on PW550-NA2 Technical Operation Description and PW550-NA2 Antenna datasheet provided by the manufacturer.				

6.2.6. Test Result

Please refer to document “I23W00054-NR RF Annex A”.

6.3. Emission Limit

Specifications:	FCC Part 2.1053, 22.917(a), 24.238(a), 27.53(c), 27.53(g), 27.53(h), 27.53(f), 27.53(a), 27.53(1), 27.53(m), 27.53(o), 27.50(n)(2), 90 543(e)
DUT Serial Number:	S2
Test conditions:	Ambient Temperature:15℃-35℃ Relative Humidity:30%-60% Air pressure: 86-106kPa
Test Results:	Pass

6.3.1 Measurement Uncertainty

Frequency Range	Uncertainty
30MHz – 1GHz	4.09dB(k=2)
1GHz – 6GHz	4.84dB(k=2)
6GHz – 18GHz	4.52dB(k=2)
18GHz – 26GHz	6.19dB(k=2)
26GHz – 40GHz	6.04dB(k=2)

6.3.2 Description of Radiated Spurious Emission

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 5G NR n7/n41
The power of any emission outside of the authorized operating frequency ranges must be attenuatedbelow the transmitter power (P) by a factor of at least 55 + 10 log (P) dB.
For 5G NR n30
The power of any emission outside of the authorized operating frequency ranges must be attenuatedbelow the transmitter power (P) by a factor of at least 70 + 10 log (P) dB.

6.3.3 Test Procedures

The radiated spurious emission was measured by substitution method according to ANSI C63.26.
1. The testing follows ANSI C63.26 Section 5.5
2.The EUT was placed on a turntable with 0.8 meter height for frequency below 1GHz and 1.5 meter height for frequency above 1GHz respectively above ground.
3.The EUT was set 3 meters from the receiving antenna 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 1m to 4m to search the maximum spurious emission

for both horizontal and vertical polarizations.

6.During the measurement, the system simulator parameters were set to force the EUT transmitting at maximum output power.

7.Make the measurement with the spectrum analyzer's RBW = 1MHz, VBW = 3MHz, taking therecord of maximum spurious emission.

8.A horn antenna was substituted in place of the EUT and was driven by a signal generator.

9.Tune the output power of signal generator to the same emission level with EUT maximum spurious emission.

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

11.ERP (dBm) = EIRP-2.15

12.The RF fundamental frequency should be excluded against the limit line in the operating frequency band. The limit line is derived from 43 + 10log(P)dB below the transmitter power P(Watts)

= P(W)- [43 + 10log(P)] (dB)

=[30 + 10log(P)] (dBm) - [43 + 10l0g(P)] (dB)

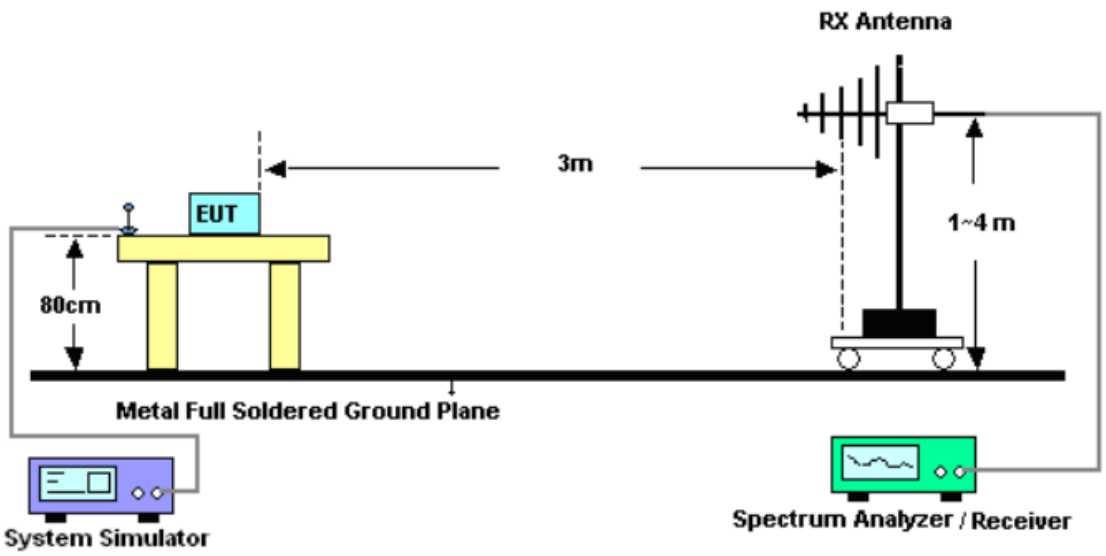
= -13dBm.

13.For 5G NR n7/n38/n41: The limit line is derived from 55 + 10log(P)dB below the transmitter power P(Watts)The limitline is derived from 55 + 10log(P)dB below the transmitter power P(Watts).

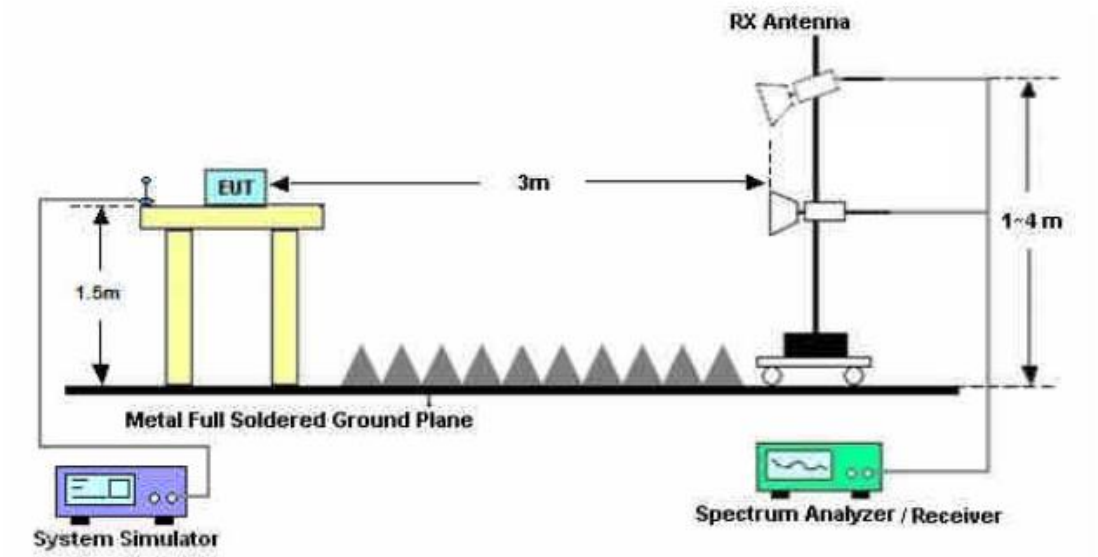
For 5G NR n30: The limit line is derived from 70 + 10log(P)dB below the transmitter power P(Watts)The limitline is derived from 70 + 10log(P)dB below the transmitter power P(Watts)

6.3.4 Test Setup

For radiated test from 30MHz to 1GHz



For radiated test above 1GHz



6.3.5 Test Result

RSE-SA N2-L

Frequency (MHz)	PMea (dBm)	Pcl (dBm)	Ga (dBd)	Peak ERP (dBm)	Limit （dBm）	Polarization
4859.9	-42.18	7.6	9.0	-40.78	-13	H
6444.7	-39.27	8.9	10.6	-37.57	-13	H
8611.0	-51.23	10.3	12.6	-48.93	-13	H
10460.0	-47.61	11.6	12.3	-46.91	-13	V
12263.0	-44.22	12.7	12.3	-44.62	-13	H
14891.0	-40.96	14.3	12.3	-42.96	-13	H

RSE-SA N2-M

Frequency (MHz)	PMea (dBm)	Pcl (dBm)	Ga (dBd)	Peak ERP (dBm)	Limit （dBm）	Polarization
4242.8	-44.45	7.1	8.9	-42.65	-13	V
5339.4	-41.78	8.1	9.4	-40.48	-13	V
6583.2	-37.67	9.1	10.6	-36.17	-13	V
9212.0	-50.4	10.5	12.6	-48.3	-13	H
10988.0	-45.44	12.0	12.3	-45.14	-13	V
12962.0	-44.09	13.2	12.3	-44.99	-13	H

RSE-SA N2-H

Frequency (MHz)	PMea (dBm)	Pcl (dBm)	Ga (dBd)	Peak ERP (dBm)	Limit （dBm）	Polarization
3998.6	-45.25	6.9	8.6	-43.55	-13	V
5323.5	-40.75	8.0	9.4	-39.35	-13	V
6696.8	-39.04	9.1	10.9	-37.24	-13	H
9823.0	-48.43	11.0	12.5	-46.93	-13	H
12018.0	-44.7	12.6	12.3	-45	-13	V
14982.0	-40.51	14.4	12.3	-42.61	-13	V

RSE-SA N5-L

Frequency (MHz)	PMea (dBm)	Pcl (dBm)	Ga (dBd)	Peak ERP (dBm)	Limit （dBm）	Polarization
1656.2	-47.44	4.5	4.7	-47.24	-13	H
2478.2	-46.98	5.4	5.6	-46.78	-13	H
3327.7	-45.41	6.2	6.9	-44.71	-13	H
4490.9	-43.5	7.3	8.7	-42.1	-13	V
5780.6	-42.73	8.4	10.2	-40.93	-13	V
7316.4	-38.67	9.6	11.4	-36.87	-13	V

RSE-SA N5-M

Frequency (MHz)	PMea (dBm)	Pcl (dBm)	Ga (dBd)	Peak ERP (dBm)	Limit （dBm）	Polarization
1705.0	-50.91	4.5	4.7	-50.71	-13	V
2203.2	-46.49	5.0	5.1	-46.39	-13	V
3243.2	-43.99	6.1	6.9	-43.19	-13	H
4453.3	-44.36	7.3	8.7	-42.96	-13	H
5781.6	-41.19	8.4	10.2	-39.39	-13	V
7718.8	-38.81	9.8	11.8	-36.81	-13	V

RSE-SA N5-H

Frequency (MHz)	PMea (dBm)	Pcl (dBm)	Ga (dBd)	Peak ERP (dBm)	Limit （dBm）	Polarization
1778.4	-50.83	4.5	4.7	-50.63	-13	V

2362.1	-46.82	5.2	5.1	-46.92	-13	H
3032.0	-44.58	6.0	6.7	-43.88	-13	H
3601.9	-45.14	6.5	7.8	-43.84	-13	V
4698.8	-43.27	7.5	9.0	-41.77	-13	H
5798.4	-38.04	8.4	10.2	-36.24	-13	H

RSE-SA N7-L

Frequency (MHz)	PMea (dBm)	Pcl (dBm)	Ga (dBd)	Peak ERP (dBm)	Limit （dBm）	Polarization
3332.0	-45.41	6.2	6.9	-44.71	-25	V
4670.1	-44.62	7.5	9.0	-43.12	-25	V
6451.8	-39.97	8.9	10.6	-38.27	-25	H
8164.0	-51.91	10.0	12.4	-49.51	-25	V
9802.0	-48.43	11.0	12.5	-46.93	-25	H
12122.0	-44.47	12.6	12.3	-44.77	-25	V

RSE-SA N7-M

Frequency (MHz)	PMea (dBm)	Pcl (dBm)	Ga (dBd)	Peak ERP (dBm)	Limit （dBm）	Polarization
3797.9	-45.27	6.7	7.9	-44.07	-25	V
5462.8	-42.71	8.1	9.8	-41.01	-25	V
7236.4	-38.72	9.6	11.4	-36.92	-25	V
9070.0	-50.77	10.5	12.6	-48.67	-25	H
10754.0	-47.57	11.7	12.3	-46.97	-25	H
12894.0	-43.87	13.0	12.3	-44.57	-25	V

RSE-SA N7-H

Frequency (MHz)	PMea (dBm)	Pcl (dBm)	Ga (dBd)	Peak ERP (dBm)	Limit （dBm）	Polarization
3353.1	-45.51	6.2	6.9	-44.81	-25	H
4544.7	-43.13	7.4	8.7	-41.83	-25	V
5840.0	-42.75	8.4	10.2	-40.95	-25	H
7745.2	-38.6	9.8	11.8	-36.6	-25	H

9401.0	-50.33	10.7	12.7	-48.33	-25	H
11372.0	-45.63	12.1	12.3	-45.43	-25	H

RSE-SA N12-L

Frequency (MHz)	PMea (dBm)	Pcl (dBm)	Ga (dBd)	Peak ERP (dBm)	Limit （dBm）	Polarization
1827.1	-50.29	4.6	4.7	-50.19	-13	V
2581.4	-46.14	5.5	5.6	-46.04	-13	V
3210.2	-44.5	6.1	6.9	-43.7	-13	H
4305.5	-42.82	7.1	8.9	-41.02	-13	H
5625.2	-42.07	8.3	10.2	-40.17	-13	V
7302.0	-38.79	9.6	11.4	-36.99	-13	V

RSE-SA N12-M

Frequency (MHz)	PMea (dBm)	Pcl (dBm)	Ga (dBd)	Peak ERP (dBm)	Limit （dBm）	Polarization
1668.6	-51.48	4.5	4.7	-51.28	-13	H
2120.7	-41.53	4.9	4.5	-41.93	-13	H
2683.4	-46.9	5.6	6.1	-46.4	-13	H
3526.7	-45.1	6.4	7.8	-43.7	-13	V
4585.6	-43.64	7.4	8.7	-42.34	-13	V
5995.4	-41.67	8.6	10.2	-40.07	-13	H

RSE-SA N12-H

Frequency (MHz)	PMea (dBm)	Pcl (dBm)	Ga (dBd)	Peak ERP (dBm)	Limit （dBm）	Polarization
1607.2	-53.86	4.2	5.3	-52.76	-13	H
2139.1	-42.39	5.0	5.1	-42.29	-13	H
2941.0	-46.75	5.8	6.7	-45.85	-13	V
3549.1	-44.58	6.4	7.8	-43.18	-13	V
4243.8	-45.93	7.1	8.9	-44.13	-13	H
5057.6	-41.83	7.8	9.6	-40.03	-13	V

RSE-SA N14-L

Frequency (MHz)	PMea (dBm)	Pcl (dBm)	Ga (dBd)	Peak ERP (dBm)	Limit （dBm）	Polarization
1575.2	-54.26	4.2	5.3	-53.16	-25	H
2237.4	-46.69	5.1	5.1	-46.69	-25	V
2957.8	-47.06	5.8	6.7	-46.16	-25	V
3697.0	-45.24	6.6	7.9	-43.94	-25	V
4693.6	-42.78	7.5	9.0	-41.28	-25	V
5501.1	-42.62	8.2	9.8	-41.02	-25	H

RSE-SA N14-M

Frequency (MHz)	PMea (dBm)	Pcl (dBm)	Ga (dBd)	Peak ERP (dBm)	Limit （dBm）	Polarization
1696.1	-51.06	4.5	4.7	-50.86	-25	V
2478.2	-46.52	5.4	5.6	-46.32	-25	V
3221.8	-45.1	6.1	6.9	-44.3	-25	V
4105.8	-45.65	7.0	8.6	-44.05	-25	V
4945.0	-42.74	7.7	9.6	-40.84	-25	H
5738.0	-42.64	8.5	10.2	-40.94	-25	V

RSE-SA N14-H

Frequency (MHz)	PMea (dBm)	Pcl (dBm)	Ga (dBd)	Peak ERP (dBm)	Limit （dBm）	Polarization
1645.7	-52.13	4.2	4.7	-51.63	-25	V
2563.8	-47.04	5.4	5.6	-46.84	-25	V
3225.4	-44.76	6.1	6.9	-43.96	-25	H
4092.3	-44.82	7.0	8.6	-43.22	-25	V
5018.9	-42.79	7.8	9.6	-40.99	-25	H
5962.7	-42.09	8.5	10.2	-40.39	-25	H

RSE-SA N25-L

Frequency (MHz)	PMea (dBm)	Pcl (dBm)	Ga (dBd)	Peak ERP (dBm)	Limit （dBm）	Polarization
3546.8	-45.21	6.4	7.8	-43.81	-13	V

5456.8	-42.13	8.1	9.8	-40.43	-13	V
7376.1	-39.27	9.7	11.6	-37.37	-13	V
9413.0	-50.06	10.7	12.7	-48.06	-13	H
11278.0	-46.85	12.1	12.3	-46.65	-13	V
13396.0	-44.22	13.7	12.3	-45.62	-13	H

RSE-SA N25-M

Frequency (MHz)	PMea (dBm)	Pcl (dBm)	Ga (dBd)	Peak ERP (dBm)	Limit （dBm）	Polarization
3664.6	-45.16	6.6	7.9	-43.86	-13	H
5451.2	-43.09	8.1	9.8	-41.39	-13	V
7201.8	-39.94	9.5	11.4	-38.04	-13	H
9426.0	-48.63	10.7	12.7	-46.63	-13	H
11641.0	-45.38	12.2	12.3	-45.28	-13	H
13480.0	-44.12	13.7	12.3	-45.52	-13	V

RSE-SA N25-H

Frequency (MHz)	PMea (dBm)	Pcl (dBm)	Ga (dBd)	Peak ERP (dBm)	Limit （dBm）	Polarization
3650.1	-45.73	6.6	7.9	-44.43	-13	V
5405.0	-42.8	8.1	9.8	-41.1	-13	V
7291.4	-39.07	9.6	11.4	-37.27	-13	H
9155.0	-51.31	10.5	12.6	-49.21	-13	H
11067.0	-46.45	12.1	12.3	-46.25	-13	V
13345.0	-43.83	13.6	12.3	-45.13	-13	V

RSE-SA N30-L

Frequency (MHz)	PMea (dBm)	Pcl (dBm)	Ga (dBd)	Peak ERP (dBm)	Limit （dBm）	Polarization
4620.6	-43.66	7.4	8.7	-42.36	-13	V
6886.7	-39.63	9.3	11.1	-37.83	-13	H
9406.0	-50.22	10.7	12.7	-48.22	-13	H
11582.0	-46.23	12.2	12.3	-46.13	-13	H

13701.0	-45.33	13.9	12.3	-46.93	-13	H
15625.0	-39.41	14.6	12.3	-41.71	-13	V

RSE-SA N30-M

Frequency (MHz)	PMea (dBm)	Pcl (dBm)	Ga (dBd)	Peak ERP (dBm)	Limit （dBm）	Polarization
3697.6	-44.89	6.6	7.9	-43.59	-13	V
6862.4	-39.24	9.2	10.9	-37.54	-13	H
9261.0	-50.88	10.7	12.7	-48.88	-13	H
11267.0	-46.37	12.1	12.3	-46.17	-13	H
13468.0	-44.87	13.7	12.3	-46.27	-13	H
15442.0	-40.02	14.4	12.3	-42.12	-13	V

RSE-SA N30-H

Frequency (MHz)	PMea (dBm)	Pcl (dBm)	Ga (dBd)	Peak ERP (dBm)	Limit （dBm）	Polarization
4647.4	-43.89	7.5	9.0	-42.39	-13	H
6974.6	-39.93	9.3	11.1	-38.13	-13	H
9378.0	-50.43	10.7	12.7	-48.43	-13	H
11299.0	-46.88	12.1	12.3	-46.68	-13	H
13812.0	-45.53	13.8	12.3	-47.03	-13	H
15582.0	-38.83	14.6	12.3	-41.13	-13	H

RSE-SA N41-L

Frequency (MHz)	PMea (dBm)	Pcl (dBm)	Ga (dBd)	Peak ERP (dBm)	Limit （dBm）	Polarization
4865.5	-43.69	7.6	9.0	-42.29	-25	V
7469.1	-39.13	9.7	11.6	-37.23	-25	V
9798.0	-48.93	11.0	12.5	-47.43	-25	H
12296.0	-44.23	12.7	12.3	-44.63	-25	V
14830.0	-42.33	14.3	12.3	-44.33	-25	V
17761.0	-34.51	16.0	12.3	-38.21	-25	V

RSE-SA N41-M-

Frequency (MHz)	PMea (dBm)	Pcl (dBm)	Ga (dBd)	Peak ERP (dBm)	Limit （dBm）	Polarization
4980.7	-41.79	7.8	9.6	-39.99	-25	H
7520.6	-39.19	9.7	11.6	-37.29	-25	H
9929.0	-48.55	11.0	12.5	-47.05	-25	V
12537.0	-44.84	12.7	12.3	-45.24	-25	H
15390.0	-40.42	14.4	12.3	-42.52	-25	V
17925.0	-33.72	16.2	12.3	-37.62	-25	H

RSE-SA N41-H

Frequency (MHz)	PMea (dBm)	Pcl (dBm)	Ga (dBd)	Peak ERP (dBm)	Limit （dBm）	Polarization
4073.2	-46.67	6.9	8.6	-44.97	-25	V
5092.2	-42.31	7.9	9.6	-40.61	-25	V
7553.4	-38.94	9.7	11.6	-37.04	-25	H
10318.0	-47.79	11.5	12.3	-46.99	-25	V
13003.0	-44.4	13.2	12.3	-45.3	-25	H
16287.0	-38.13	14.7	12.3	-40.53	-25	V

RSE-SA N66-L

Frequency (MHz)	PMea (dBm)	Pcl (dBm)	Ga (dBd)	Peak ERP (dBm)	Limit （dBm）	Polarization
4230.9	-45.2	7.1	8.9	-43.4	-13	H
6306.3	-40.51	8.8	10.3	-39.01	-13	H
8467.0	-51.54	10.2	12.6	-49.14	-13	V
10575.0	-47.99	11.6	12.3	-47.29	-13	V
12573.0	-44.98	12.8	12.3	-45.48	-13	H
14805.0	-42.62	14.3	12.3	-44.62	-13	V

RSE-SA N66-M

Frequency (MHz)	PMea (dBm)	Pcl (dBm)	Ga (dBd)	Peak ERP (dBm)	Limit （dBm）	Polarization
4263.2	-45.53	7.1	8.9	-43.73	-13	H

6386.7	-39.39	8.9	10.6	-37.69	-13	H
8563.0	-51.03	10.3	12.6	-48.73	-13	H
10620.0	-47.36	11.6	12.3	-46.66	-13	H
12581.0	-45.04	12.8	12.3	-45.54	-13	H
14640.0	-43.08	14.0	12.3	-44.78	-13	V

RSE-SA N66-H

Frequency (MHz)	PMea (dBm)	Pcl (dBm)	Ga (dBd)	Peak ERP (dBm)	Limit （dBm）	Polarization
4203.8	-45.83	7.0	8.9	-43.93	-13	H
6319.9	-39.56	8.8	10.3	-38.06	-13	V
8448.0	-51.62	10.2	12.6	-49.22	-13	V
10470.0	-47.53	11.6	12.3	-46.83	-13	V
12665.0	-45.46	12.7	12.3	-45.86	-13	H
14868.0	-41.95	14.3	12.3	-43.95	-13	V

RSE-SA N71-L

Frequency (MHz)	PMea (dBm)	Pcl (dBm)	Ga (dBd)	Peak ERP (dBm)	Limit （dBm）	Polarization
1342.3	-51.19	3.9	3.0	-52.09	-13	H
1949.2	-49.01	4.7	4.5	-49.21	-13	V
2682.6	-47.06	5.6	6.1	-46.56	-13	H
3258.1	-44.19	6.1	6.9	-43.39	-13	H
3852.1	-44.81	6.7	7.9	-43.61	-13	V
4404.5	-44.65	7.3	8.7	-43.25	-13	H

RSE-SA N71-M

Frequency (MHz)	PMea (dBm)	Pcl (dBm)	Ga (dBd)	Peak ERP (dBm)	Limit （dBm）	Polarization
1278.3	-50.97	3.9	3.0	-51.87	-13	V
1864.0	-49.57	4.6	4.7	-49.47	-13	V
2694.2	-47.43	5.6	6.1	-46.93	-13	H
3225.1	-44.98	6.1	6.9	-44.18	-13	H

3863.0	-44.36	6.7	7.9	-43.16	-13	V
4535.2	-44.16	7.4	8.7	-42.86	-13	V

RSE-SA N71-H

Frequency (MHz)	PMea (dBm)	Pcl (dBm)	Ga (dBd)	Peak ERP (dBm)	Limit （dBm）	Polarization
1328.7	-51.92	3.9	3.0	-52.82	-13	H
1941.8	-50.03	4.7	4.5	-50.23	-13	H
2576.5	-47.35	5.5	5.6	-47.25	-13	V
3259.0	-44.9	6.1	6.9	-44.1	-13	H
3926.6	-45.74	6.8	8.6	-43.94	-13	V
4545.7	-44.1	7.4	8.7	-42.8	-13	H

RSE-SA N77-L-

Frequency (MHz)	PMea (dBm)	Pcl (dBm)	Ga (dBd)	Peak ERP (dBm)	Limit （dBm）	Polarization
3995.9	-45.5	6.9	8.6	-43.8	-13	V
5292.5	-42.85	8.0	9.4	-41.45	-13	V
6639.3	-40.08	9.1	10.9	-38.28	-13	V
9993.0	-48.57	11.2	12.5	-47.27	-13	V
13469.0	-44.28	13.7	12.3	-45.68	-13	H
17492.0	-35.63	15.1	12.3	-38.43	-13	V

RSE-SA N77-M-

Frequency (MHz)	PMea (dBm)	Pcl (dBm)	Ga (dBd)	Peak ERP (dBm)	Limit （dBm）	Polarization
5197.5	-41.77	8.0	9.4	-40.37	-13	V
6891.1	-39.86	9.3	11.1	-38.06	-13	H
8258.0	-51.15	10.1	12.4	-48.85	-13	V
10294.0	-46.93	11.5	12.3	-46.13	-13	V
12468.0	-44.48	12.7	12.3	-44.88	-13	H
17061.0	-34.34	16.0	12.3	-38.04	-13	V

RSE-SA N77-H-

Frequency (MHz)	PMea (dBm)	Pcl (dBm)	Ga (dBd)	Peak ERP (dBm)	Limit （dBm）	Polarization
4771.8	-43.79	7.5	9.0	-42.29	-13	H
6716.8	-40	9.1	10.9	-38.2	-13	V
8406.0	-52.22	10.2	12.6	-49.82	-13	H
10547.0	-48.07	11.6	12.3	-47.37	-13	V
12362.0	-44.11	12.5	12.3	-44.31	-13	V
17037.0	-33.74	16.0	12.3	-37.44	-13	V

RSE-SA N78-L

Frequency (MHz)	PMea (dBm)	Pcl (dBm)	Ga (dBd)	Peak ERP (dBm)	Limit （dBm）	Polarization
3876.5	-45.31	6.8	8.6	-43.51	-13	V
5311.0	-41.32	8.0	9.4	-39.92	-13	V
6658.7	-39.59	9.1	10.9	-37.79	-13	H
10035.0	-48.63	11.2	12.5	-47.33	-13	H
13442.0	-45	13.7	12.3	-46.4	-13	V
17002.0	-31.97	16.0	12.3	-35.67	-13	V

RSE-SA N78-M

Frequency (MHz)	PMea (dBm)	Pcl (dBm)	Ga (dBd)	Peak ERP (dBm)	Limit （dBm）	Polarization
4063.3	-46.21	6.9	8.6	-44.51	-13	V
5689.5	-42.44	8.5	10.2	-40.74	-13	H
7032.4	-39.42	9.4	11.1	-37.72	-13	H
10523.0	-48.04	11.6	12.3	-47.34	-13	H
14176.0	-44.77	13.7	12.3	-46.17	-13	H
17910.0	-33.88	16.2	12.3	-37.78	-13	V

RSE-SA N78-H

Frequency (MHz)	PMea (dBm)	Pcl (dBm)	Ga (dBd)	Peak ERP (dBm)	Limit （dBm）	Polarization
4750.0	-44.32	7.5	9.0	-42.82	-13	V

6364.4	-39.07	8.8	10.3	-37.57	-13	V
7661.5	-38.95	9.7	11.8	-36.85	-13	H
10939.0	-48.21	11.8	12.3	-47.71	-13	H
14535.0	-43.04	14.2	12.3	-44.94	-13	H
17881.0	-34.48	16.2	12.3	-38.38	-13	H

RSE-NSA DC_2A-n41A-L

Frequency (MHz)	PMea (dBm)	Pcl (dBm)	Ga (dBd)	Peak ERP (dBm)	Limit （dBm）	Polarization
5030.2	-42.52	7.8	9.6	-40.72	-13	H
6419.8	-38.83	8.9	10.6	-37.13	-13	H
9415.0	-49.23	10.7	12.7	-47.23	-13	V
11327.0	-45.22	12.1	12.3	-45.02	-13	H
13382.0	-43.99	13.7	12.3	-45.39	-13	V
16414.0	-35.76	14.8	12.3	-38.26	-13	V

RSE-NSA DC_2A-n41A-M

Frequency (MHz)	PMea (dBm)	Pcl (dBm)	Ga (dBd)	Peak ERP (dBm)	Limit （dBm）	Polarization
3687.1	-44.44	6.6	7.9	-43.14	-13	H
5384.6	-43.14	8.1	9.8	-41.44	-13	H
7641.8	-39.74	9.7	11.8	-37.64	-13	H
10684.0	-48.7	11.7	12.3	-48.1	-13	V
13320.0	-44.56	13.6	12.3	-45.86	-13	V
16721.0	-33.9	15.1	12.3	-36.7	-13	V

RSE-NSA DC_2A-n41A-H

Frequency (MHz)	PMea (dBm)	Pcl (dBm)	Ga (dBd)	Peak ERP (dBm)	Limit （dBm）	Polarization
4295.6	-45.25	7.1	8.9	-43.45	-13	H
5386.2	-42.79	8.1	9.8	-41.09	-13	V
7302.7	-38.14	9.6	11.4	-36.34	-13	H

9493.0	-49.37	10.7	12.7	-47.37	-13	H
12257.0	-43.72	12.7	12.3	-44.12	-13	H
16637.0	-34.71	14.9	12.3	-37.31	-13	V

RSE-NSA DC_2A-n71A-L

Frequency (MHz)	PMea (dBm)	Pcl (dBm)	Ga (dBd)	Peak ERP (dBm)	Limit （dBm）	Polarization
3945.4	-45.83	6.8	8.6	-44.03	-13	H
5856.2	-42.11	8.4	10.2	-40.31	-13	V
7868.1	-36.99	9.9	11.8	-35.09	-13	V
9757.0	-48.72	11.0	12.5	-47.22	-13	V
11897.0	-46	12.5	12.3	-46.2	-13	V
13845.0	-44.85	13.8	12.3	-46.35	-13	H

RSE-NSA DC_2A-n71A-M

Frequency (MHz)	PMea (dBm)	Pcl (dBm)	Ga (dBd)	Peak ERP (dBm)	Limit （dBm）	Polarization
3974.8	-45.77	6.8	8.6	-43.97	-13	V
5952.8	-41.57	8.5	10.2	-39.87	-13	H
7877.6	-38.68	9.9	12.2	-36.38	-13	H
9940.0	-49.44	11.0	12.5	-47.94	-13	H
11880.0	-45.77	12.5	12.3	-45.97	-13	H
13859.0	-45.65	13.5	12.3	-46.85	-13	H

RSE-NSA DC_2A-n71A-H

Frequency (MHz)	PMea (dBm)	Pcl (dBm)	Ga (dBd)	Peak ERP (dBm)	Limit （dBm）	Polarization
4090.6	-45.98	7.0	8.6	-44.38	-13	V
6091.8	-41.55	8.7	10.2	-40.05	-13	V
8109.0	-51.42	9.9	12.2	-49.12	-13	H
10162.0	-48.39	11.3	12.5	-47.19	-13	V
12065.0	-44.25	12.6	12.3	-44.55	-13	H
14138.0	-45.14	14.0	12.3	-46.84	-13	H

RSE-NSA DC_12A-n2A-L

Frequency (MHz)	PMea (dBm)	Pcl (dBm)	Ga (dBd)	Peak ERP (dBm)	Limit （dBm）	Polarization
3930.6	-45.77	6.8	8.6	-43.97	-13	V
5854.2	-42.83	8.4	10.2	-41.03	-13	V
7804.7	-38.5	9.9	11.8	-36.6	-13	H
9798.0	-48.83	11.0	12.5	-47.33	-13	H
11834.0	-45.85	12.5	12.3	-46.05	-13	V
13837.0	-45.15	13.8	12.3	-46.65	-13	H

RSE-NSA DC_12A-n2A-M

Frequency (MHz)	PMea (dBm)	Pcl (dBm)	Ga (dBd)	Peak ERP (dBm)	Limit （dBm）	Polarization
3981.8	-45	6.9	8.6	-43.3	-13	V
5986.8	-41.19	8.6	10.2	-39.59	-13	H
7952.9	-38.3	9.8	12.2	-35.9	-13	H
10023.0	-49.12	11.2	12.5	-47.82	-13	V
11966.0	-45.63	12.6	12.3	-45.93	-13	H
13884.0	-45.51	13.5	12.3	-46.71	-13	H

RSE-NSA DC_12A-n2A-H

Frequency (MHz)	PMea (dBm)	Pcl (dBm)	Ga (dBd)	Peak ERP (dBm)	Limit （dBm）	Polarization
4028.9	-46.58	6.9	8.6	-44.88	-13	V
6096.1	-41.58	8.7	10.2	-40.08	-13	V
8146.0	-51.47	10.0	12.4	-49.07	-13	V
10191.0	-48.52	11.3	12.5	-47.32	-13	H
12207.0	-42.91	12.6	12.3	-43.21	-13	H
14243.0	-44.93	13.7	12.3	-46.33	-13	H

RSE-NSA DC_12A-n25A-L

Frequency (MHz)	PMea (dBm)	Pcl (dBm)	Ga (dBd)	Peak ERP (dBm)	Limit （dBm）	Polarization
3896.0	-44.97	6.8	8.6	-43.17	-13	V

5868.7	-41.91	8.4	10.2	-40.11	-13	V
7732.1	-38.31	9.8	11.8	-36.31	-13	H
9901.0	-48.39	11.0	12.5	-46.89	-13	H
11769.0	-44.67	12.5	12.3	-44.87	-13	H
13719.0	-44.98	13.9	12.3	-46.58	-13	V

RSE-NSA DC_12A-n25A-M

Frequency (MHz)	PMea (dBm)	Pcl (dBm)	Ga (dBd)	Peak ERP (dBm)	Limit （dBm）	Polarization
4009.1	-46.24	6.9	8.6	-44.54	-13	H
5982.9	-41.41	8.6	10.2	-39.81	-13	H
7940.8	-38.15	9.8	12.2	-35.75	-13	H
10014.0	-49.34	11.2	12.5	-48.04	-13	H
11924.0	-45.44	12.5	12.3	-45.64	-13	V
13981.0	-45.27	13.7	12.3	-46.67	-13	H

RSE-NSA DC_12A-n25A-H

Frequency (MHz)	PMea (dBm)	Pcl (dBm)	Ga (dBd)	Peak ERP (dBm)	Limit （dBm）	Polarization
4051.0	-46.26	6.9	8.6	-44.56	-13	V
6043.9	-42.55	8.6	10.2	-40.95	-13	V
8071.0	-51.19	9.9	12.2	-48.89	-13	H
10148.0	-49.25	11.3	12.5	-48.05	-13	H
12307.0	-44.54	12.7	12.3	-44.94	-13	V
14452.0	-44.03	14.2	12.3	-45.93	-13	H

RSE-NSA DC_12A-n66A-L

Frequency (MHz)	PMea (dBm)	Pcl (dBm)	Ga (dBd)	Peak ERP (dBm)	Limit （dBm）	Polarization
4172.2	-45.47	7.0	8.9	-43.57	-13	V
6429.9	-39.22	8.9	10.6	-37.52	-13	V
8409.0	-52.13	10.2	12.6	-49.73	-13	H
10466.0	-47.85	11.6	12.3	-47.15	-13	V

12505.0	-44.24	12.7	12.3	-44.64	-13	V
14873.0	-41.72	14.3	12.3	-43.72	-13	H

RSE-NSA DC_12A-n66A-M

Frequency (MHz)	PMea (dBm)	Pcl (dBm)	Ga (dBd)	Peak ERP (dBm)	Limit （dBm）	Polarization
4195.3	-44.81	7.0	8.9	-42.91	-13	H
6144.6	-42.02	8.7	10.3	-40.42	-13	V
8311.0	-50.79	10.1	12.4	-48.49	-13	H
10414.0	-47.6	11.6	12.3	-46.9	-13	V
12441.0	-45.08	12.5	12.3	-45.28	-13	H
14642.0	-43.05	14.0	12.3	-44.75	-13	H

RSE-NSA DC_12A-n66A-H

Frequency (MHz)	PMea (dBm)	Pcl (dBm)	Ga (dBd)	Peak ERP (dBm)	Limit （dBm）	Polarization
4172.5	-45.71	7.0	8.9	-43.81	-13	V
6504.2	-38.94	9.0	10.6	-37.34	-13	H
8353.0	-50.97	10.1	12.4	-48.67	-13	V
10635.0	-47.54	11.6	12.3	-46.84	-13	H
12931.0	-44.54	13.0	12.3	-45.24	-13	V
15000.0	-40.95	14.4	12.3	-43.05	-13	V

RSE-NSA DC_41A-n41A-L

Frequency (MHz)	PMea (dBm)	Pcl (dBm)	Ga (dBd)	Peak ERP (dBm)	Limit （dBm）	Polarization
4044.8	-44.53	6.9	8.6	-42.83	-25	V
5909.0	-41.63	8.5	10.2	-39.93	-25	H
7542.5	-37.93	9.7	11.6	-36.03	-25	V
10498.0	-47.44	11.6	12.3	-46.74	-25	V
12879.0	-43.79	13.0	12.3	-44.49	-25	V
16640.0	-33.21	14.9	12.3	-35.81	-25	V

RSE-NSA DC_41A-n41A-M

Frequency (MHz)	PMea (dBm)	Pcl (dBm)	Ga (dBd)	Peak ERP (dBm)	Limit （dBm）	Polarization
3874.5	-42.95	6.7	7.9	-41.75	-25	H
5844.6	-41.96	8.4	10.2	-40.16	-25	V
7743.5	-38.43	9.8	11.8	-36.43	-25	V
9784.0	-48.73	11.0	12.5	-47.23	-25	V
12662.0	-44.22	12.7	12.3	-44.62	-25	V
16677.0	-34.5	15.1	12.3	-37.3	-25	V

RSE-NSA DC_41A-n41A-H

Frequency (MHz)	PMea (dBm)	Pcl (dBm)	Ga (dBd)	Peak ERP (dBm)	Limit （dBm）	Polarization
5076.0	-43.04	7.9	9.6	-41.34	-25	H
7437.6	-39.36	9.7	11.6	-37.46	-25	V
10056.0	-48.76	11.3	12.5	-47.56	-25	H
13208.0	-43.7	13.0	12.3	-44.4	-25	H
14883.0	-41.53	14.3	12.3	-43.53	-25	V
16656.0	-34.61	15.1	12.3	-37.41	-25	V

RSE-NSA DC_66A-n41A-L

Frequency (MHz)	PMea (dBm)	Pcl (dBm)	Ga (dBd)	Peak ERP (dBm)	Limit （dBm）	Polarization
4993.5	-42.41	7.8	9.6	-40.61	-13	H
7530.5	-38.4	9.7	11.6	-36.5	-13	H
10029.0	-48.76	11.2	12.5	-47.46	-13	V
12445.0	-44.75	12.5	12.3	-44.95	-13	V
15002.0	-41.19	14.4	12.3	-43.29	-13	V
17005.0	-33.51	16.0	12.3	-37.21	-13	V

RSE-NSA DC_66A-n41A-M

Frequency (MHz)	PMea (dBm)	Pcl (dBm)	Ga (dBd)	Peak ERP (dBm)	Limit （dBm）	Polarization
5163.5	-42.89	7.9	9.4	-41.39	-13	H

7593.2	-39.06	9.7	11.6	-37.16	-13	H
10397.0	-47.16	11.6	12.3	-46.46	-13	H
12906.0	-44.37	13.0	12.3	-45.07	-13	V
15571.0	-38.81	14.6	12.3	-41.11	-13	V
17783.0	-34.81	16.0	12.3	-38.51	-13	H

RSE-NSA DC_66A-n41A-H

Frequency (MHz)	PMea (dBm)	Pcl (dBm)	Ga (dBd)	Peak ERP (dBm)	Limit （dBm）	Polarization
5076.7	-42.84	7.9	9.6	-41.14	-13	H
7506.3	-39.41	9.7	11.6	-37.51	-13	V
10229.0	-49.53	11.3	12.5	-48.33	-13	H
12825.0	-45.74	12.5	12.3	-45.94	-13	H
15298.0	-40.08	14.4	12.3	-42.18	-13	H
17976.0	-32.79	16.4	12.3	-36.89	-13	H

RSE-NSA DC_66A-n71A-L

Frequency (MHz)	PMea (dBm)	Pcl (dBm)	Ga (dBd)	Peak ERP (dBm)	Limit （dBm）	Polarization
3994.0	-46.05	6.9	8.6	-44.35	-13	H
6015.5	-42.63	8.6	10.2	-41.03	-13	H
8088.0	-50.45	9.9	12.2	-48.15	-13	V
10124.0	-48.99	11.3	12.5	-47.79	-13	H
12083.0	-45.01	12.6	12.3	-45.31	-13	H
14109.0	-44.77	14.0	12.3	-46.47	-13	H
16142.0	-38.36	15.0	12.3	-41.06	-13	V

RSE-NSA DC_66A-n71A-M

Frequency (MHz)	PMea (dBm)	Pcl (dBm)	Ga (dBd)	Peak ERP (dBm)	Limit （dBm）	Polarization
4215.7	-45.73	7.0	8.9	-43.83	-13	V
6369.9	-39.83	8.8	10.3	-38.33	-13	V
8402.0	-51.38	10.2	12.6	-48.98	-13	H

10497.0	-45.95	11.6	12.3	-45.25	-13	H
12687.0	-45.13	12.7	12.3	-45.53	-13	V
14923.0	-41.2	14.3	12.3	-43.2	-13	V

RSE-NSA DC_66A-n71A-H

Frequency (MHz)	PMea (dBm)	Pcl (dBm)	Ga (dBd)	Peak ERP (dBm)	Limit（dBm）	Polarization
4203.8	-46.29	7.0	8.9	-44.39	-13	V
5139.7	-43.22	7.9	9.4	-41.72	-13	V
6743.7	-39.7	9.2	10.9	-38	-13	V
8826.0	-51.11	10.4	12.7	-48.81	-13	V
10999.0	-47.73	12.0	12.3	-47.43	-13	V
14101.0	-44.03	14.0	12.3	-45.73	-13	H
16354.0	-36.05	14.8	12.3	-38.55	-13	V

RSE-NR CA_N25A-N41A-H

Frequency (MHz)	PMea (dBm)	Pcl (dBm)	Ga (dBd)	Peak ERP (dBm)	Limit（dBm）	Polarization
3747.4	-45.56	6.6	7.9	-44.26	-25	H
5135.8	-40.87	7.9	9.4	-39.37	-25	V
7349.8	-38.37	9.6	11.4	-36.57	-25	H
9615.0	-50.18	10.8	12.7	-48.28	-25	H
12788.0	-45.61	12.5	12.3	-45.81	-25	H
16906.0	-32.15	16.3	12.3	-36.15	-25	V

RSE-NR CA_N25A-N41A -L

Frequency (MHz)	PMea (dBm)	Pcl (dBm)	Ga (dBd)	Peak ERP (dBm)	Limit（dBm）	Polarization
3156.4	-44.23	6.0	6.9	-43.33	-25	V
4531.2	-44.11	7.4	8.7	-42.81	-25	V
7373.0	-38.08	9.6	11.4	-36.28	-25	H
9869.0	-48.67	11.0	12.5	-47.17	-25	V

12863.0	-45.36	13.0	12.3	-46.06	-25	V
16775.0	-34.1	15.8	12.3	-37.6	-25	V

RSE-NR CA_N25A-N41A -M

Frequency (MHz)	PMea (dBm)	Pcl (dBm)	Ga (dBd)	Peak ERP (dBm)	Limit （dBm）	Polarization
3496.3	-45.37	6.4	7.8	-43.97	-25	V
4715.0	-42.61	7.5	9.0	-41.11	-25	H
7092.7	-38.95	9.4	11.1	-37.25	-25	V
9541.0	-50.43	10.7	12.7	-48.43	-25	V
12396.0	-44.72	12.5	12.3	-44.92	-25	V
16616.0	-34.75	14.9	12.3	-37.35	-25	V

RSE-NR CA_N25A-N71A-H

Frequency (MHz)	PMea (dBm)	Pcl (dBm)	Ga (dBd)	Peak ERP (dBm)	Limit （dBm）	Polarization
3265.6	-43.76	6.1	6.9	-42.96	-13	H
5336.4	-41.86	8.1	9.4	-40.56	-13	V
7522.8	-39.56	9.7	11.6	-37.66	-13	H
9792.0	-48.67	11.0	12.5	-47.17	-13	V
12537.0	-45.19	12.7	12.3	-45.59	-13	H
16871.0	-32.66	16.3	12.3	-36.66	-13	V

RSE-NR CA_N25A-N71A -L

Frequency (MHz)	PMea (dBm)	Pcl (dBm)	Ga (dBd)	Peak ERP (dBm)	Limit （dBm）	Polarization
3910.8	-44.08	6.8	8.6	-42.28	-13	H
5334.1	-41.6	8.1	9.4	-40.3	-13	V
7441.4	-38.58	9.7	11.6	-36.68	-13	H
9432.0	-49.46	10.7	12.7	-47.46	-13	H
11536.0	-44.15	12.3	12.3	-44.15	-13	V
16905.0	-32.91	16.3	12.3	-36.91	-13	V

RSE-NR CA_N25A-N71A -M

Frequency (MHz)	PMea (dBm)	Pcl (dBm)	Ga (dBd)	Peak ERP (dBm)	Limit （dBm）	Polarization
3823.7	-44.05	6.7	7.9	-42.85	-13	H
5251.9	-42.52	8.0	9.4	-41.12	-13	H
7507.8	-38.77	9.7	11.6	-36.87	-13	V
9163.0	-50.71	10.5	12.6	-48.61	-13	H
11513.0	-44.66	12.3	12.3	-44.66	-13	H
17061.0	-32.34	16.0	12.3	-36.04	-13	V

RSE-NR CA_N41A-N66A-H

Frequency (MHz)	PMea (dBm)	Pcl (dBm)	Ga (dBd)	Peak ERP (dBm)	Limit （dBm）	Polarization
4048.4	-45.03	6.9	8.6	-43.33	-25	H
5431.8	-41.67	8.1	9.8	-39.97	-25	V
7411.0	-38.81	9.7	11.6	-36.91	-25	H
9622.0	-49.75	10.8	12.7	-47.85	-25	V
12869.0	-44.21	13.0	12.3	-44.91	-25	H
16695.0	-34.54	15.1	12.3	-37.34	-25	V

RSE-NR CA_N41A-N66A-L

Frequency (MHz)	PMea (dBm)	Pcl (dBm)	Ga (dBd)	Peak ERP (dBm)	Limit （dBm）	Polarization
3798.3	-44.17	6.7	7.9	-42.97	-25	V
5380.6	-42.53	8.1	9.8	-40.83	-25	V
7444.4	-38.49	9.7	11.6	-36.59	-25	H
9866.0	-49.01	11.0	12.5	-47.51	-25	H
13074.0	-43.83	13.0	12.3	-44.53	-25	V
16562.0	-34.1	14.9	12.3	-36.7	-25	V

RSE-NR CA_N41A-N66A -M

Frequency (MHz)	PMea (dBm)	Pcl (dBm)	Ga (dBd)	Peak ERP (dBm)	Limit （dBm）	Polarization
4107.2	-44.96	7.0	8.6	-43.36	-25	V

5397.4	-41.4	8.1	9.8	-39.7	-25	V
6993.6	-39.04	9.3	11.1	-37.24	-25	V
10964.0	-45.56	12.0	12.3	-45.26	-25	H
13341.0	-44.74	13.6	12.3	-46.04	-25	V
16605.0	-34.58	14.9	12.3	-37.18	-25	V

RSE-NR CA_N41A-N71A-H

Frequency (MHz)	PMea (dBm)	Pcl (dBm)	Ga (dBd)	Peak ERP (dBm)	Limit （dBm）	Polarization
3807.8	-44.57	6.7	7.9	-43.37	-25	V
5232.1	-42.08	8.0	9.4	-40.68	-25	V
7157.6	-39	9.4	11.4	-37	-25	V
9940.0	-48.64	11.0	12.5	-47.14	-25	H
13006.0	-43.94	13.2	12.3	-44.84	-25	V
16920.0	-32.76	16.3	12.3	-36.76	-25	V

RSE-NR CA_N41A-N71A -L

Frequency (MHz)	PMea (dBm)	Pcl (dBm)	Ga (dBd)	Peak ERP (dBm)	Limit （dBm）	Polarization
3495.0	-45.64	6.4	7.8	-44.24	-25	H
5228.5	-41.95	8.0	9.4	-40.55	-25	V
7413.8	-38.53	9.7	11.6	-36.63	-25	V
9773.0	-48.28	11.0	12.5	-46.78	-25	H
12920.0	-44.69	13.0	12.3	-45.39	-25	H
16876.0	-33.67	16.3	12.3	-37.67	-25	V

RSE-NR CA_N41A-N71A -M

Frequency (MHz)	PMea (dBm)	Pcl (dBm)	Ga (dBd)	Peak ERP (dBm)	Limit （dBm）	Polarization
3852.1	-43.86	6.7	7.9	-42.66	-25	V
5528.5	-42.76	8.2	9.8	-41.16	-25	H
7533.7	-38.72	9.7	11.6	-36.82	-25	H
10400.0	-46.76	11.6	12.3	-46.06	-25	V

13011.0	-43.25	13.2	12.3	-44.15	-25	H
16837.0	-34.12	15.8	12.3	-37.62	-25	V

RSE-NR CA_N66A-N71A-H

Frequency (MHz)	PMea (dBm)	Pcl (dBm)	Ga (dBd)	Peak ERP (dBm)	Limit （dBm）	Polarization
3665.3	-44.87	6.6	7.9	-43.57	-13	V
5115.0	-41.58	7.9	9.6	-39.88	-13	V
7503.1	-38.18	9.7	11.6	-36.28	-13	H
10022.0	-48.77	11.2	12.5	-47.47	-13	H
13112.0	-44.8	13.0	12.3	-45.5	-13	V
16565.0	-35	14.9	12.3	-37.6	-13	V

RSE-NR CA_N66A-N71A -L

Frequency (MHz)	PMea (dBm)	Pcl (dBm)	Ga (dBd)	Peak ERP (dBm)	Limit （dBm）	Polarization
3478.2	-44.87	6.4	7.8	-43.47	-13	V
5338.4	-42.54	8.1	9.4	-41.24	-13	H
7238.4	-38.84	9.6	11.4	-37.04	-13	V
8916.0	-50.96	10.4	12.6	-48.76	-13	V
12302.0	-43.95	12.7	12.3	-44.35	-13	H
16808.0	-34.38	15.8	12.3	-37.88	-13	V

RSE-NR CA_N66A-N71A -M

Frequency (MHz)	PMea (dBm)	Pcl (dBm)	Ga (dBd)	Peak ERP (dBm)	Limit （dBm）	Polarization
3868.2	-44.48	6.7	7.9	-43.28	-13	V
5084.9	-43.19	7.9	9.6	-41.49	-13	V
7169.4	-39.01	9.4	11.4	-37.01	-13	V
9497.0	-49.24	10.7	12.7	-47.24	-13	H
12476.0	-43.39	12.7	12.3	-43.79	-13	H
16750.0	-33.86	15.1	12.3	-36.66	-13	V

Annex A EUT Photos

See the document “I23W00054-External Photos”.
See the document “I23W00054-Internal Photos”.

Annex B Deviations from Prescribed Test Methods

No deviation from Prescribed Test Methods.

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