DEKRA Testing and Certification (Suzhou) Co., Ltd.
No.99 Hongye Rd., Suzhou Industrial Park, Suzhou, 215006, Jiangsu, China
TEL: +86-512-6251-5088 / FAX: +86-512-6251-5098

Test report No:
2390387R-RF-US-P07V01

FCC & ISED TEST REPORT

Product Name	POS
Trademark	Elo
Model and /or type reference	EMC-M100C
FCC ID	RBWEMCM100C
IC	10757B-EMCM100C
Applicant's name / address	Elo Touch Solutions, Inc 670 N. McCarthy Blvd., Suite 100, Milpitas, CA 95035, USA.
Test method requested, standard	47 CFR FCC Part 22 & 24 & 27 & 90 ANSI C63.26: 2015 ANSI/TIA-603-E: 2016 RSS-130 Issue 2 RSS-132 Issue 4 RSS-139 Issue 4 RSS-199 Issue 4 RSS-133 Issue 6 Amendment 1 RSS-Gen Issue 5 Amendment 2
Verdict Summary	IN COMPLIANCE
Documented by (name / position & signature)	Jun Xu / Project Engineer
Approved by (name / position & signature)	Jack Zhang / Manager
Date of issue	2024-05-28
Report Version	V1.0
Report template No	Template_Part 22&24&27&90-RF-V1.0

INDEX

page

General conditions 3
Environmental conditions 3
Possible test case verdicts 4
Abbreviations 4
Document History 5
Remarks and Comments 5
Used Equipment 6
Uncertainty 8
1 General Information 9
1.1 General Description of the Item(s) 9
1.2 Antenna Information 11
1.3 Channel List 12
2 Description of Test Setup 14
2.1 Auxiliary equipment / Test software for the EUT 14
2.2 Test Configuration / Block diagram used for tests 15
2.3 Testing process 16
3 Verdict summary section 17
3.1 Standards 17
3.2 Deviation(s) from the Standard(s) / Test Specification(s) 17
3.3 Overview of results 18
3.4 Test Facility 19
4 Test Results 20
4.1 Effective (Isotropic) Radiated Power Output 20
4.1.1 Limit 20
4.1.2 Test Setup 20
4.1.3 Test Procedure 21
4.1.4 Test Data 22
4.2 Radiated Emissions 41
4.2.1 Limit 41
4.2.2 Test Setup 42
4.2.3 Test Procedure 42
4.2.4 Test Data 43
5 Test setup photo and EUT Photo 95

COMPETENCES AND GUARANTEES

DEKRA is a testing laboratory competent to carry out the tests described in this report.
In order to assure the traceability to other national and international laboratories, DEKRA has a calibration and maintenance program for its measurement equipment.

DEKRA guarantees the reliability of the data presented in this report, which is the result of the measurements and the tests performed to the item under test on the date and under the conditions stated in the report and it is based on the knowledge and technical facilities available at DEKRA at the time of performance of the test.

DEKRA is liable to the client for the maintenance of the confidentiality of all information related to the item under test and the results of the test.

The results presented in this Test Report apply only to the particular item under test established in this document.

IMPORTANT: No parts of this report may be reproduced or quoted out of context, in any form or by any means, except in full, without the previous written permission of DEKRA.

GENERAL CONDITIONS

Test Location	No. 99, Hongye Road, Suzhou Industrial Park Suzhou, 215006, P.R. China
Date(receive sample)	Dec. 26, 2023
Date (start test)	Mar. 01, 2024
Date (finish test)	Mar. 27, 2024

1. This report is only referred to the item that has undergone the test.
2. This report does not constitute or imply on its own an approval of the product by the Certification Bodies or Competent Authorities.
3. This document is only valid if complete; no partial reproduction can be made without previous written permission of DEKRA.
4. This test report cannot be used partially or in full for publicity and/or promotional purposes without previous written permission of DEKRA.

ENVIRONMENTAL CONDITIONS

The climatic conditions during the tests are within the limits specified by the manufacturer for the operation of the EUT and the test equipment. The climatic conditions during the tests were within the following limits:

Ambient temperature	15 °C – 35 °C
Relative Humidity air	30% - 60%

If explicitly required in the basic standard or applied product / product family standard the climatic values are recorded and documented separately in this test report.

POSSIBLE TEST CASE VERDICTS

Test case does not apply to test object	N/A
Test object does meet requirement	P (Pass) / PASS
Test object does not meet requirement	F (Fail) / FAIL
Not measured	N/M

ABBREVIATIONS

For the purposes of the present document, the following abbreviations apply:

EUT	:	Equipment Under Test
QP	:	Quasi-Peak
CAV	:	CISPR Average
AV	:	Average
CDN	:	Coupling Decoupling Network
SAC	:	Semi-Anechoic Chamber
OATS	:	Open Area Test Site
BW	:	Bandwidth
AM	:	Amplitude Modulation
PM	:	Pulse Modulation
HCP	:	Horizontal Coupling Plane
VCP	:	Vertical Coupling Plane
U_N	:	Nominal voltage
*T*x	:	Transmitter
*R*x	:	Receiver
N/A	:	Not Applicable
N/M	:	Not Measured

DOCUMENT HISTORY

Report No.	Version	Description	Issued Date
2390387R-RF-US-P07V01	V1.0	Initial issue of report.	2024-05-28

REMARKS AND COMMENTS

1. The equipment under test (EUT) does meet the essential requirements of the stated standard(s)/test(s).
2. This report is limited report related to installation tested module in POS, the customer declared that the RF parameter of the module installed in the host is exactly same with the certificated module. We verified the RF Output Power and Radiated Emissions on the Host. For other test data, please refer to FCC ID: 2APJ4-SLM750VA, IC: 23860-SLM750.These test results on a sample of the device are for the purpose of demonstrating Compliance with 47 CFR FCC Part 22 & 24 & 27 & 90, RSS-130 Issue 2,RSS-132 Issue 4, RSS-199 Issue 4,RSS-139 Issue 4,RSS-133 Issue 6 Amendment 1.
3. The measurement result is considered in conformance with the requirement if it is within the prescribed limit, It is not necessary to account the uncertainty associated with the measurement result.
4. The test results relate only to the samples tested.
5. The test report shall not be reproduced without the written approval of DEKRA Testing and Certification (Suzhou) Co., Ltd.
6. This report will not be used for social proof function in China market.
7. DEKRA declines any responsibility with the following test data provided by customer that may affect the validity of result:
   - Chapter 1.1 General Description of the Item(s);
   - Chapter 1.2 Antenna Information;
   - Chapter 1.3 Channel List.

USED EQUIPMENT

RF Output Power / TR7							
Instrument	**Manufacturer**	**Model No.**	**Serial No.**	**Cal. Date**	**Next Cal. Date**	**Firmware Version**	**Software Version**
Wideband Radio Communication Tester	R&S	CMW 500	170870	2023.05.20	2024.05.19	X 4.0.62.11	N/A
Signal analyzer	R&S	FSV30	104212	2023.08.26	2024.08.25	3.40	N/A
ESG Vector Signal Generator	Agilent	E4438C	MY49070163	2023.12.11	2024.12.10	C.05.85	N/A
RF Control Unit	Tonscend	JS0806-1	168060022	2023.08.28	2024.08.27	N/A	N/A
PSG Analog Signal Generator	Agilent	E8257D	MY44321116	2023.06.12	2024.06.11	C.06.27	N/A
High and low temperature and fast temperature change test box	ASTUOD	ASTD-FBT-225K	N/A	2023.07.05	2024.07.04	N/A	N/A
Filter box	Tonscend	N/A	N/A	2023.06.09	2024.06.08	N/A	N/A
Temperature/Humidity Meter	RTS	RTS-8S	RF06	2023.05.19	2024.05.18	N/A	N/A
Test Software	Tonscend	JS1120	JS1120-8	N/A	N/A	N/A	V3.1.46

Radiated Emissions (9KHz-1GHz) / AC2							
Instrument	**Manufacturer**	**Model No.**	**Serial No.**	**Cal. Date**	**Next Cal. Date**	**Firmware Version**	**Software version**
EMI Test Receiver	R&S	ESCI	100573	2024.02.06	2025.02.05	4.42 SP3	N/A
Loop Antenna	R&S	HFH2-Z2E	101149	2023.04.25	2024.04.24	N/A	N/A
Bilog Antenna	Teseq GmbH	CBL6112D	27613	2023.09.13	2024.09.12	N/A	N/A
Coaxial Cable	Huber+Suhner	SUCOFLEX 106	AC2-C	2023.05.21	2024.05.20	N/A	N/A
Temperature/Humidity Meter	RTS	RTS-8S	AC2-TH	2023.05.19	2024.05.18	N/A	N/A
Dekra test software	Dekra	N/A	N/A	N/A	N/A	N/A	3

Radiated Emissions (1GHz-40GHz)/ AC5							
Instrument	**Manufacturer**	**Model No.**	**Serial No.**	**Cal. Date**	**Next Cal. Date**	**Firmware Version**	**Software version**
EXA Spectrum Analyzer	Keysight	N9020B	MY60112218	2023.11.08	2024.11.07	A.31.05	N/A
Pre-Amplifier	SKET	LNPA_0118G-45	SK2021090101	2023.05.14	2024.05.13	N/A	N/A
DRG Horn Antenna	ETS-Lindgren	3117	123988	2023.11.07	2024.11.06	N/A	N/A
Filter Switch Box	MVE	MSW-F196	C070001S	2023.05.21	2024.05.20	N/A	N/A
Temperature/Humidity Meter	RTS	RTS-8S	AC5-TH	2023.05.19	2024.05.18	N/A	N/A
Coaxial Cable	ROSENBERGER	LA1-C011-2000/3000	AC5-40G-2	2023.05.21	2024.05.20	N/A	N/A
Cable	Rosenberger	LA1-C011-1000	0523	2023.05.21	2024.05.20	N/A	N/A
Dekra test software	Dekra	N/A	N/A	N/A	N/A	N/A	3
Wideband Radio Communication Tester	R&S	CMW 500	170870	2023.05.20	2024.05.19	V 3.7.90	N/A

UNCERTAINTY

Uncertainties have been calculated according to the DEKRA internal document. The reported expanded uncertainties are based on a standard uncertainty multiplied by a coverage factor of k=2, providing a level of confidence of approximately 95%.The Uncertainties is complice with standard required as below.

Test item	Uncertainty
RF Output Power	±1.2 dB
Radiated Emissions	±3.2 dB

1 GENERAL INFORMATION

1.1 General Description of the Item(s)

Product Name ..... :	POS
Model No. ..... :	EMC-M100C
Trademark. ..... :	Elo
FCC ID..... :	RBWEMCM100C
IC ..... :	10757B-EMCM100C
Hardware Version..... :	V1.00
Software Version ..... :	T14
Manufacturer ..... :	Elo Touch Solutions, Inc
Manufacturer Address ..... :	670 N. McCarthy Blvd., Suite 100, Milpitas, CA 95035, USA.
Factory..... :	ShuoGe Intelligent Technology Co.,Ltd.
Factory address..... :	Room 308-310, Building 1, No.2 8th Road, Baiyang Street, Qiantang New Area,Hangzhou City, Zhejiang Province, P.R. China(310018)

Wireless specifiction..... :	WCDMA
Support Band(s) ..... :	Band 2 / Band 4/ Band 5
Uplink Frequency	Band 2: 1850-1910 MHz Band 4: 1710-1755 MHz Band 5: 824-849 MHz
Downlink Frequency	Band 2: 1930-1990 MHz Band 4: 2110-2155 MHz Band 5: 869-894 MHz
Type of Modulation..... :	BPSK, QPSK, 16QAM

Wireless specifiction..... :	LTE
Support Band(s)	Band 2/ Band 4/ Band 5/ Band 12/ Band 13/ Band17/ Band 25/ Band 26/ Band 41
Uplink Frequency	Band 2: 1850-1910 MHz Band 4: 1710-1755 MHz Band 5: 824-849 MHz Band 12: 699-716 MHz Band 13: 777-787 MHz Band 17: 704-716 MHz Band 25: 1850-1915 MHz Band 26 (FCC): 814-849 MHz Band 26 (IC): 824-849 MHz Band 41: 2469-2690 MHz
Downlink Frequency	Band 2: 1930-1990 MHz Band 4: 2110-2155 MHz Band 5: 869-894 MHz Band 12: 729-746 MHz Band 13: 746-756 MHz Band 17: 734-746 MHz Band 25: 1930-1995 MHz

	Band 26(FCC): 859-894 MHz Band 26(IC): 869-894 MHz Band 41: 2469-2690 MHz
Type of Modulation..... :	QPSK, 16QAM

Rated power supply..... :	Voltage and Frequency	
	☐	AC: 220 - 240 V, 50/60 Hz
	☐	AC: 100 - 240 V, 50/60 Hz
	☐	DC: 24 Vdc
	☐	Poe:
	☒	Adapter:
Adapter Model ..... :	UES45LCP-SPC	
	Input: 100-240V ~ 50/60Hz,1.3A Output: 5.0V/3.0A,15.0W; 9.0V/3.0A, 27.0W; 12.0V/3.0A,36.0W; 15V/3.0A,45W; 20V/2.25A,45W Max	
Mounting position ..... :	☐	Tabletop equipment
	☐	Wall/Ceiling mounted equipment
	☐	Floor standing equipment
	☒	Hand-held/Portable equipment
	☐	Other:

1.2 Antenna Information

Antenna model / type number .....:	N/A			
Antenna serial number .....:	N/A			
Antenna Delivery .....:	☒	1TX + 1RX		
	☐	2TX + 2RX		
Antenna technology.....:	☒	SISO		
	☐	MIMO	☐	CDD
			☐	Beam-forming
Antenna Type .....:	☐	External	☐	Dipole
			☐	Sectorized
	☒	Internal	☐	PIFA
			☒	FPC
			☐	Ceramic Chip
			☐	Others……..
Antenna Gain .....:	Band 2: 0.64 dBi Band 4: 0.84dBi Band 5: -1.05 dBi Band 12: -6.51dBi Band 13: -2.44dBi Band 17: -6.51 dBi Band 25: 0.64dBi Band 26: -0.40dBi Band 41: 2.84 dBi			

1.3 Channel List

WCDMA Working Frequency of Each Channel:						
WCDMA Band	Channel	Frequency(MHz)	Channel	Frequency(MHz)	Channel	Frequency(MHz)
Band2	9262	1852.4	9400	1880	9538	1907.6
Band4	1312	1712.4	1413	1732.6	1513	1752.6
Band5	4132	836.6	4183	836.6	4233	846.6

LTE Working Frequency of Each Channel:						
LTE Band	Channel	Frequency(MHz)	Channel	Frequency(MHz)	Channel	Frequency(MHz)
Band2 (BW=1.4M)	18607	1850.7	18900	1880	19193	1909.3
Band2 (BW=3M)	18615	1851.5	18900	1880	19185	1908.5
Band2 (BW=5M)	18625	1852.5	18900	1880	19175	1907.5
Band2 (BW=10M)	18650	1855.0	18900	1880.0	19150	1905.0
Band2 (BW=15M)	18675	1857.5	18900	1880.0	19125	1902.5
Band2 (BW=20M)	18700	1860.0	18900	1880.0	19100	1900.0
Band4 (BW=1.4M)	19957	1710.7	20175	1732.5	20393	1754.3
Band4 (BW=3M)	19965	1711.5	20175	1732.5	20385	1753.5
Band4 (BW=5M)	19975	1712.5	20175	1732.5	20375	1752.5
Band4 (BW=10M)	20000	1715.0	20175	1732.5	20350	1750.0
Band5 (BW=1.4M)	20407	824.7	20525	836.5	20643	848.3
Band5 (BW=3M)	20415	825.5	20525	836.5	20635	847.5
Band5 (BW=5M)	20425	826.5	20525	836.5	20625	846.5
Band5 (BW=10M)	20450	829.0	20525	836.5	20600	844.0
Band12 (BW=1.4M)	23017	699.7	23095	707.5	23173	715.3
Band12 (BW=3M)	23025	700.5	23095	707.5	714.5	23165
Band12 (BW=5M)	23035	701.5	23095	707.5	23155	713.5
Band12 (BW=10M)	23060	704.0	23095	707.5	23130	711.0
Band13 (BW=5M)	23205	779.5	23230	782.0	23255	784.5
Band13 (BW=10M)	--	--	23230	782.0	--	--
Band17 (BW=5M)	23755	706.5	23790	710.0	23825	713.5
Band17 (BW=10M)	23780	709.0	23790	710.0	23800	711.0
Band25 (BW=1.4M)	26047	1850.7	26340	1880.0	26683	1914.3
Band25 (BW=3M)	26055	1851.5	26340	1880.0	26675	1913.5
Band25 (BW=5M)	26065	1852.5	26340	1880.0	26665	1912.5
Band25 (BW=10M)	26090	1855.0	26340	1880.0	26640	1910.0
Band25 (BW=15M)	26115	1857.5	26340	1880.0	26615	1907.5
Band25 (BW=20M)	26140	1860.0	26340	1880.0	26590	1905.0
Band26 (BW=1.4M)	26697	814.7	26865	831.5	27033	848.3
Band26 (BW=3M)	26705	815.5	26865	831.5	27025	847.5
Band26 (BW=5M)	26715	816.5	26865	831.5	27015	846.5
Band26 (BW=10M)	26740	819	26865	831.5	26990	844
Band26 (BW=15M)	26765	821.5	26865	831.5	26965	841.5

Band41 (BW=5M)	40265	2557.5	40740	2605	41215	2652.5
Band41 (BW=10M)	40290	2560	40740	2605	41190	2650
Band41 (BW=15M)	40315	2562.5	40740	2605	41165	2647.5
Band41 (BW=20M)	40340	2565	40740	2605	41140	2645
Band26 - IC (BW=1.4M)	26797	824.7	26915	836.5	27033	848.3
Band26 - IC (BW=3M)	26805	825.5	26915	836.5	27025	847.5
Band26 - IC (BW=5M)	26815	826.5	26915	836.5	27015	846.5
Band26 - IC (BW=10M)	26840	829	26915	836.5	26990	844
Band26 - IC (BW=15M)	26865	831.5	26915	836.5	26965	841.5

Note: The General Description of the Item , antenna information, Channel List for the EUT in clause 1 are provided and confirmed by the client.

2 DESCRIPTION OF TEST SETUP

2.1 Operating mode(s) used for tests

During the tests the following operating mode(s) has(have) been used.

Test Mode	Mode 1: Transmit by WCDMA Band2
	Mode 2: Transmit by WCDMA Band4
	Mode 3: Transmit by WCDMA Band5
	Mode 4: Transmit by LTE Band2
	Mode 5: Transmit by LTE Band4
	Mode 6: Transmit by LTE Band5
	Mode 7: Transmit by LTE Band12
	Mode 8: Transmit by LTE Band13
	Mode 9: Transmit by LTE Band17
	Mode 10: Transmit by LTE Band25
	Mode 11: Transmit by LTE Band26
	Mode 12: Transmit by LTE Band41
	Mode 13: Transmit by LTE Band26-IC

Note : For portable device, radiated tests was verified over X, Y, Z axis, and shown the worst case on this report.

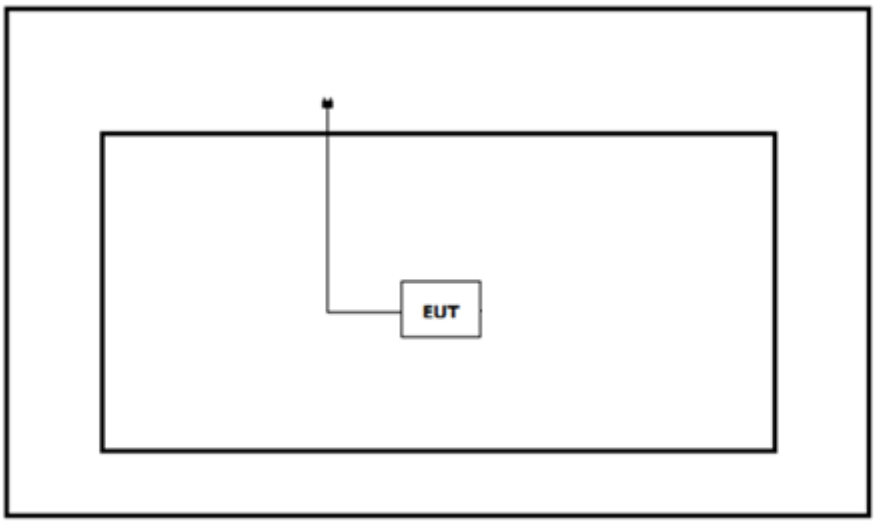
2.2 Auxiliary equipment / Test software for the EUT

Auxiliary equipment	Type / Version	Manufacturer	Supplied by
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
software	Type / Version	Manufacturer	Supplied by
N/A	N/A	N/A	N/A

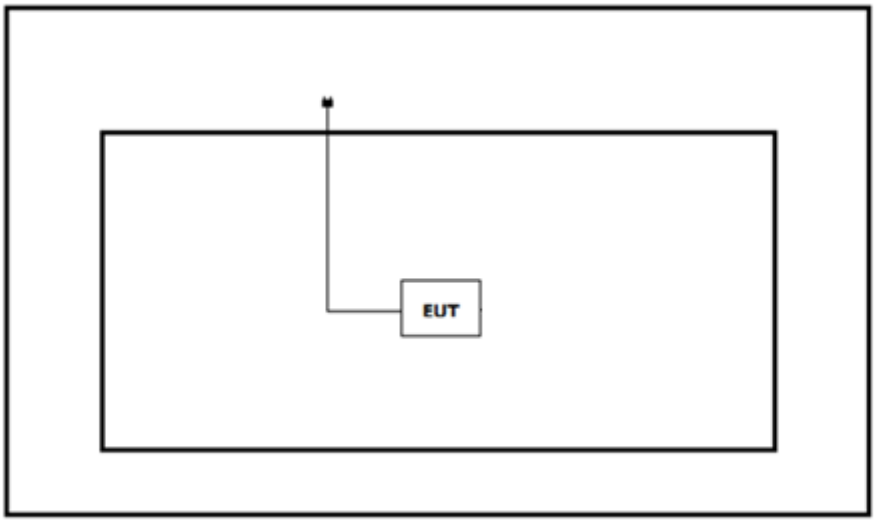
Accessories Information	Cable		
	Length used during test [m]	Attached during test	Shielded
(2)USB Control Cable	1	☒	☒
(3)USB Control Cable	8	☒	☒

2.3 Test Configuration / Block diagram used for tests

Test setup Diagram- Conducted test



Test setup Diagram- Radiated Emission



2.4 Testing process

1	Setup the EUT and simulators as shown on above.
2	Turn on the power of all equipment.
3	EUT Communicate with CMW 500, then select channel to test.

3 VERDICT SUMMARY SECTION

This chapter presents an overview of standards and results. Refer to the next chapters for details of measured test results and applied test levels.

3.1 Standards

Standard	Year	**Description**
FCC CFR Title 47 Part 2	2024	Frequency Allocations and Radio Treaty Matters; General Rules and Regulations
FCC CFR Title 47 Part 22	2024	Public Mobile Services
FCC CFR Title 47 Part 24	2024	Personal Communications Services
FCC CFR Title 47 Part 27	2024	Miscellaneous Wireless Communications Services
FCC CFR Title 47 Part 90	2024	Private land Mobile Radio Services
RSS-130 Issue 2	2019	Equipment Operating in the Frequency Bands 617-652 MHz, 663-698 MHz, 698-756 MHz and 777-787 MHz
RSS-132 Issue 4	2023	Cellular Systems Operating in the Bands 824-849 MHz and 869-894 MHz
RSS-199 Issue 4	2023	Broadband Radio Service (BRS) Equipment Operating in the Band 2500-2690 MHz
RSS-132 Issue 6 Amendment 1	2018	2 GHz Personal Communications Services
RSS-139 Issue 4	2022	Advanced Wireless Services Equipment Operating in the Bands 1710-1780 MHz and 2110-2200 MHz
RSS-Gen Issue 5 Amendment 2	2021	General Requirements for Compliance of Radio Apparatus
ANSI C63.26	2015	American National Standard for Compliance Testing of Transmitters Used in Licensed Radio Services
ANSI TIA-603-E	2016	Land Mobile FM or PM Communications Equipment Measurement and performance Standards
KDB971168 D01 v03r01	2018	Measurement Guidance for Certification of Licensed Digital Transmitters
KDB971168 D02 v02r01	2023	Miscellaneous and Basic Review and Approval Items for Transmitting Equipment Used in Licensed Radio Services

3.2 Deviation(s) from the Standard(s) / Test Specification(s)

The following deviation(s) was / were made from the published requirements of the listed standards: N/A.

(Please define the deviations from the standard(s) if applicable)

3.3 Overview of results

For FCC :			
Requirement – Test case	**Basic standard(s)**	**Verdict**	**Remark**
RF Output Power	FCC Part 22 Section 22.913	PASS	
RF Output Power	FCC Part 90 Section 90.635(b)	PASS	
RF Output Power	FCC Part 24 Section 24.232	PASS	
RF Output Power	FCC Part 27 Section 27.50	PASS	
Radiated Emissions	FCC Part 22 Section 22.917	PASS	
Radiated Emissions	FCC Part 90 Section 90.691	PASS	
Radiated Emissions	FCC Part 24 Section 24.238	PASS	
Radiated Emissions	FCC Part 27 Section 27.53	PASS	

For ISED :			
Requirement – Test case	**Basic standard(s)**	**Verdict**	**Remark**
RF Output Power	RSS-132 Issue 4 Section 5.4	PASS	
RF Output Power	RSS-133 Issue 6 Section 6.4	PASS	
RF Output Power	RSS-130 Issue 2 Section 4.6	PASS	
RF Output Power	RSS-139 Issue 4 Section 5.4	PASS	
RF Output Power	RSS-199 Issue 4 Section 5.5	PASS	
Radiated Emissions	RSS-132 Issue 4 Section 5.5	PASS	
Radiated Emissions	RSS-133 Issue 6 Section 6.5	PASS	
Radiated Emissions	RSS-130 Issue 2 Section 4.7	PASS	
Radiated Emissions	RSS-139 Issue 4 Section 5.6	PASS	
Radiated Emissions	RSS-199 Issue 4 Section 5.6	PASS	

3.4 Test Facility

USA	**:**	**FCC Designation Number: CN1199**
Canada	**:**	**CAB identifier Number: CN0040**

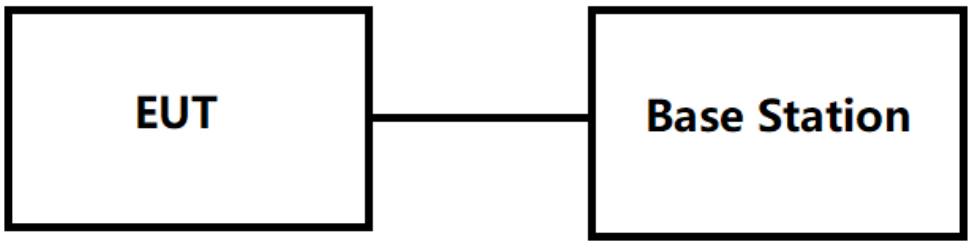
4 TEST RESULTS

4.1 Effective (Isotropic) Radiated Power Output	VERDICT: PASS

4.1.1 Limit

Band	Standard
5/26	FCC §2.1046 and §22.913: The ERP of mobile transmitters and auxiliary test transmitters must not exceed 7 watts.
	FCC §90.635: The maximum output power of the transmitter for mobile stations is 100 watts (20 dBw).
2/25	FCC §2.1046 and §24.232: Mobile and portable stations are limited to 2 watts EIRP. The peak-to-average ratio (PAR) of the transmission may not exceed 13 dB.
12/13/17	FCC §27.50(c)(10): Portable stations (hand-held devices) in the 600 MHz uplink band and the 698-746 MHz band, and fixed and mobile stations in the 600 MHz uplink band are limited to 3 watts ERP.
	FCC §27.50(b)(10): Portable stations (hand-held devices) transmitting in the 746-757 MHz, 776-788 MHz, and 805-806 MHz bands are limited to 3 watts ERP.
4	FCC §27.50(d)(4): Fixed, mobile, and portable (hand-held) stations operating in the 1710-1755 MHz band and mobile and portable stations operating in the 1695-1710 MHz and 1755-1780 MHz bands are limited to 1 watt EIRP. Fixed stations operating in the 1710-1755 MHz band are limited to a maximum antenna height of 10 meters above ground. Mobile and portable stations operating in these bands must employ a means for limiting power to the minimum necessary for successful communications.
41	FCC §27.50(h)(2): Mobile and other user stations. Mobile stations are limited to 2.0 watts EIRP. All user stations are limited to 2.0 watts transmitter output power.

4.1.2 Test Setup



4.1.3 Test Procedure

	References Rule	Chapter	Item
☒	ANSI C63.26-2015	5.2	RF output power measurement procedures

The conducted RF Output Power measurements were made at the RF output terminals of the EUT using the power meter of the Universal Radio Communication tester R&S CMW500, selecting maximum transmission power of the EUT and different modes of modulation.
Peak to average ratio(PAPR) is used equation PAPR(dB)=PPK(dBm)-PAVG(dBm), where PPK is measured peak power, and PAVG is measured average power.
The maximum equivalent isotropically radiated power(e.i.r.p.) is calculated by adding the declared maximum antenna gain(dBi).
The maximum effective radiated power e.r.p. is calculated form the maximum equivalent isotropically radiated power(e.i.r.p.) by subtracting 2.15 dB: E.R.P = E.I.R.P. – 2.15 dB

4.1.4 Test Data

WCDMA Band2:							
TX Channel	9262	9400	9538	9262	9400	9538	Verdict
Rx Channel	9662	9800	9938	9662	9800	9938	
Frequency (MHz)	1852.4	1880	1907.6	1852.4	1880	1907.6	
Power	Conducted Power(dBm)			EIRP (dBm)			
RMC 12.2Kbps	22.64	22.69	22.59	23.28	23.33	23.23	Pass
HSDPA Subtest-1	21.98	21.90	21.86	22.62	22.54	22.5	Pass
HSDPA Subtest-2	21.83	21.63	21.67	22.47	22.27	22.31	Pass
HSDPA Subtest-3	21.43	21.39	21.54	22.07	22.03	22.18	Pass
HSDPA Subtest-4	21.34	21.41	21.33	21.98	22.05	21.97	Pass
DC-HSDPA Subtest-1	21.88	21.87	21.87	22.52	22.51	22.51	Pass
DC-HSDPA Subtest-2	21.85	21.58	21.62	22.49	22.22	22.26	Pass
DC-HSDPA Subtest-3	21.46	21.37	21.59	22.1	22.01	22.23	Pass
DC-HSDPA Subtest-4	21.32	21.42	21.41	21.96	22.06	22.05	Pass
HSUPA Subtest-1	21.83	21.80	21.76	22.47	22.44	22.4	Pass
HSUPA Subtest-2	20.30	20.26	20.30	20.94	20.9	20.94	Pass
HSUPA Subtest-3	21.07	21.01	21.07	21.71	21.65	21.71	Pass
HSUPA Subtest-4	20.30	20.25	20.22	20.94	20.89	20.86	Pass
HSUPA Subtest-5	21.82	21.76	21.85	22.46	22.4	22.49	Pass

WCDMA Band4:							
TX Channel	1312	1413	1513	1312	1413	1513	Verdict
Rx Channel	1537	1638	1738	1537	1638	1738	
Frequency (MHz)	1712.4	1732.6	1752.6	1712.4	1732.6	1752.6	
Power	Conducted Power(dBm)			EIRP (dBm)			
RMC 12.2Kbps	22.84	22.92	22.77	23.68	23.76	23.61	Pass
HSDPA Subtest-1	22.21	22.06	22.07	23.05	22.9	22.91	Pass
HSDPA Subtest-2	22.05	21.85	21.88	22.89	22.69	22.72	Pass
HSDPA Subtest-3	21.64	21.62	21.79	22.48	22.46	22.63	Pass
HSDPA Subtest-4	21.49	21.60	21.51	22.33	22.44	22.35	Pass
DC-HSDPA Subtest-1	22.06	22.10	22.11	22.9	22.94	22.95	Pass
DC-HSDPA Subtest-2	22.10	21.81	21.86	22.94	22.65	22.7	Pass
DC-HSDPA Subtest-3	21.70	21.56	21.84	22.54	22.4	22.68	Pass
DC-HSDPA Subtest-4	21.48	21.59	21.63	22.32	22.43	22.47	Pass
HSUPA Subtest-1	22.08	21.96	21.95	22.92	22.8	22.79	Pass
HSUPA Subtest-2	20.47	20.47	20.51	21.31	21.31	21.35	Pass
HSUPA Subtest-3	21.28	21.20	21.23	22.12	22.04	22.07	Pass
HSUPA Subtest-4	20.52	20.49	20.46	21.36	21.33	21.3	Pass
HSUPA Subtest-5	21.98	21.98	22.07	22.82	22.82	22.91	Pass

WCDMA Band5：							
TX Channel	4132	4183	4233	4132	4183	4233	Verdict
Rx Channel	4357	4408	4458	4357	4408	4458	
Frequency (MHz)	826.4	836.6	846.6	826.4	836.6	846.6	
Power	Conducted Power(dBm)			ERP (dBm)			
RMC 12.2Kbps	23.07	23.16	22.92	19.87	19.96	19.72	Pass
HSDPA Subtest-1	22.36	22.22	22.26	19.16	19.02	19.06	Pass
HSDPA Subtest-2	22.27	22.01	22.11	19.07	18.81	18.91	Pass
HSDPA Subtest-3	21.82	21.81	21.99	18.62	18.61	18.79	Pass
HSDPA Subtest-4	21.68	21.84	21.73	18.48	18.64	18.53	Pass
DC-HSDPA Subtest-1	22.28	22.25	22.34	19.08	19.05	19.14	Pass
DC-HSDPA Subtest-2	22.27	22.00	22.02	19.07	18.8	18.82	Pass
DC-HSDPA Subtest-3	21.86	21.75	22.00	18.66	18.55	18.8	Pass
DC-HSDPA Subtest-4	21.67	21.83	21.83	18.47	18.63	18.63	Pass
HSUPA Subtest-1	22.24	22.16	22.16	19.04	18.96	18.96	Pass
HSUPA Subtest-2	20.69	20.63	20.76	17.49	17.43	17.56	Pass
HSUPA Subtest-3	21.46	21.38	21.39	18.26	18.18	18.19	Pass
HSUPA Subtest-4	20.71	20.69	20.65	17.51	17.49	17.45	Pass
HSUPA Subtest-5	22.15	22.22	22.30	18.95	19.02	19.1	Pass

LTE Band2：										
BW [MHz]	Modulation	RB Size	RB Offset	Conducted Power(dBm)			EIRP (dBm)			Verdict
Channel				18700	18900	19100	18700	18900	19100	
Frequency (MHz)				1860	1880	1900	1860	1880	1900	
20	QPSK	1	0	22.16	22.17	22.26	22.8	22.81	22.9	Pass
20	QPSK	1	49	22.39	22.43	22.34	23.03	23.07	22.98	Pass
20	QPSK	1	99	22.08	22.13	22.15	22.72	22.77	22.79	Pass
20	QPSK	50	0	21.10	21.14	21.17	21.74	21.78	21.81	Pass
20	QPSK	50	24	21.14	21.12	21.14	21.78	21.76	21.78	Pass
20	QPSK	50	50	21.07	21.07	21.06	21.71	21.71	21.7	Pass
20	QPSK	100	0	21.12	21.09	21.21	21.76	21.73	21.85	Pass
20	16QAM	1	0	21.60	21.66	21.66	22.24	22.3	22.3	Pass
20	16QAM	1	49	21.86	21.83	21.78	22.5	22.47	22.42	Pass
20	16QAM	1	99	21.78	21.71	21.80	22.42	22.35	22.44	Pass
20	16QAM	50	0	20.24	20.18	20.29	20.88	20.82	20.93	Pass
20	16QAM	50	24	20.06	20.13	20.10	20.7	20.77	20.74	Pass
20	16QAM	50	50	20.14	20.22	20.22	20.78	20.86	20.86	Pass
20	16QAM	100	0	20.06	20.12	20.10	20.7	20.76	20.74	Pass
Channel				18675	18900	19125	18675	18900	19125	Verdict
Frequency (MHz)				1857.5	1880	1902.5	1857.5	1880	1902.5	
15	QPSK	1	0	22.07	22.04	22.17	22.71	22.68	22.81	Pass
15	QPSK	1	37	22.30	22.30	22.25	22.94	22.94	22.89	Pass
15	QPSK	1	74	22.01	22.04	22.03	22.65	22.68	22.67	Pass
15	QPSK	36	0	21.01	21.03	21.05	21.65	21.67	21.69	Pass
15	QPSK	36	20	21.05	21.00	21.06	21.69	21.64	21.7	Pass
15	QPSK	36	39	21.13	21.11	21.11	21.77	21.75	21.75	Pass
15	QPSK	75	0	21.01	21.01	21.13	21.65	21.65	21.77	Pass
15	16QAM	1	0	21.49	21.55	21.55	22.13	22.19	22.19	Pass
15	16QAM	1	37	21.78	21.75	21.68	22.42	22.39	22.32	Pass
15	16QAM	1	74	21.67	21.61	21.67	22.31	22.25	22.31	Pass
15	16QAM	36	0	20.14	20.10	20.16	20.78	20.74	20.8	Pass
15	16QAM	36	20	20.11	20.02	20.02	20.75	20.66	20.66	Pass
15	16QAM	36	39	20.02	20.14	20.12	20.66	20.78	20.76	Pass
15	16QAM	75	0	20.03	20.02	20.01	20.67	20.66	20.65	Pass
Channel				18650	18900	19150	18650	18900	19150	Verdict
Frequency (MHz)				1855	1880	1905	1855	1880	1905	
10	QPSK	1	0	22.06	22.04	22.15	22.7	22.68	22.79	Pass
10	QPSK	1	25	22.30	22.31	22.23	22.94	22.95	22.87	Pass
10	QPSK	1	49	22.03	22.05	22.07	22.67	22.69	22.71	Pass
10	QPSK	25	0	21.02	21.05	21.09	21.66	21.69	21.73	Pass
10	QPSK	25	12	21.04	21.01	21.04	21.68	21.65	21.68	Pass
10	QPSK	25	25	21.00	21.01	21.05	21.64	21.65	21.69	Pass
10	QPSK	50	0	21.04	21.01	21.13	21.68	21.65	21.77	Pass
10	16QAM	1	0	21.53	21.58	21.55	22.17	22.22	22.19	Pass
10	16QAM	1	25	21.77	21.72	21.66	22.41	22.36	22.3	Pass
10	16QAM	1	49	21.69	21.58	21.68	22.33	22.22	22.32	Pass
10	16QAM	25	0	20.13	20.10	20.22	20.77	20.74	20.86	Pass
10	16QAM	25	12	20.03	20.01	20.00	20.67	20.65	20.64	Pass
10	16QAM	25	25	20.03	20.09	20.11	20.67	20.73	20.75	Pass
10	16QAM	50	0	20.13	20.00	20.08	20.77	20.64	20.72	Pass
Channel				18625	18900	19175	18625	18900	19175	Verdict
Frequency (MHz)				1852.5	1880	1907.5	1852.5	1880	1907.5	

5	QPSK	1	0	22.05	22.10	22.17	22.69	22.74	22.81	Pass
5	QPSK	1	12	22.32	22.34	22.27	22.96	22.98	22.91	Pass
5	QPSK	1	24	22.00	22.06	22.06	22.64	22.7	22.7	Pass
5	QPSK	12	0	21.02	21.05	21.06	21.66	21.69	21.7	Pass
5	QPSK	12	7	21.02	21.00	21.02	21.66	21.64	21.66	Pass
5	QPSK	12	13	21.13	21.11	21.09	21.77	21.75	21.73	Pass
5	QPSK	25	0	21.05	21.00	21.08	21.69	21.64	21.72	Pass
5	16QAM	1	0	21.50	21.56	21.58	22.14	22.2	22.22	Pass
5	16QAM	1	12	21.76	21.72	21.67	22.4	22.36	22.31	Pass
5	16QAM	1	24	21.67	21.59	21.69	22.31	22.23	22.33	Pass
5	16QAM	12	0	20.15	20.11	20.17	20.79	20.75	20.81	Pass
5	16QAM	12	7	20.03	20.02	20.00	20.67	20.66	20.64	Pass
5	16QAM	12	13	20.05	20.13	20.09	20.69	20.77	20.73	Pass
5	16QAM	25	0	20.11	20.01	20.02	20.75	20.65	20.66	Pass
Channel				18615	18900	19185	18615	18900	19185	Verdict
Frequency (MHz)				1851.5	1880	1908.5	1851.5	1880	1908.5	
3	QPSK	1	0	22.06	22.08	22.14	22.7	22.72	22.78	Pass
3	QPSK	1	8	22.30	22.35	22.22	22.94	22.99	22.86	Pass
3	QPSK	1	14	22.01	22.01	22.08	22.65	22.65	22.72	Pass
3	QPSK	8	0	21.11	21.06	21.06	21.75	21.7	21.7	Pass
3	QPSK	8	4	21.02	21.05	21.07	21.66	21.69	21.71	Pass
3	QPSK	8	7	21.11	21.12	21.09	21.75	21.76	21.73	Pass
3	QPSK	15	0	21.00	21.01	21.11	21.64	21.65	21.75	Pass
3	16QAM	1	0	21.48	21.55	21.57	22.12	22.19	22.21	Pass
3	16QAM	1	8	21.75	21.73	21.69	22.39	22.37	22.33	Pass
3	16QAM	1	14	21.69	21.62	21.71	22.33	22.26	22.35	Pass
3	16QAM	8	0	20.16	20.07	20.21	20.8	20.71	20.85	Pass
3	16QAM	8	4	20.13	20.05	20.02	20.77	20.69	20.66	Pass
3	16QAM	8	7	20.04	20.15	20.09	20.68	20.79	20.73	Pass
3	16QAM	15	0	20.11	20.01	20.02	20.75	20.65	20.66	Pass
Channel				18607	18900	19193	18607	18900	19193	Verdict
Frequency (MHz)				1850.7	1880	1909.3	1850.7	1880	1909.3	
1.4	QPSK	1	0	22.09	22.06	22.14	22.73	22.7	22.78	Pass
1.4	QPSK	1	3	22.27	22.34	22.22	22.91	22.98	22.86	Pass
1.4	QPSK	1	5	22.00	22.01	22.04	22.64	22.65	22.68	Pass
1.4	QPSK	3	0	22.05	22.09	22.15	22.69	22.73	22.79	Pass
1.4	QPSK	3	1	22.29	22.35	22.27	22.93	22.99	22.91	Pass
1.4	QPSK	3	3	22.03	22.00	22.04	22.67	22.64	22.68	Pass
1.4	QPSK	6	0	21.01	21.00	21.09	21.65	21.64	21.73	Pass
1.4	16QAM	1	0	21.51	21.59	21.57	22.15	22.23	22.21	Pass
1.4	16QAM	1	3	21.73	21.72	21.68	22.37	22.36	22.32	Pass
1.4	16QAM	1	5	21.68	21.59	21.70	22.32	22.23	22.34	Pass
1.4	16QAM	3	0	21.11	21.02	21.08	21.75	21.66	21.72	Pass
1.4	16QAM	3	1	21.03	21.00	21.02	21.67	21.64	21.66	Pass
1.4	16QAM	3	3	21.03	21.15	21.09	21.67	21.79	21.73	Pass
1.4	16QAM	6	0	20.11	20.02	20.11	20.75	20.66	20.75	Pass

LTE Band4:										
BW [MHz]	Modulation	RB Size	RB Offset	Conducted Power(dBm)			EIRP (dBm)			Verdict
Channel				20050	20175	20300	20050	20175	20300	
Frequency (MHz)				1720	1732.5	1745	1720	1732.5	1745	
20	QPSK	1	0	22.30	22.29	22.48	23.14	23.13	23.32	Pass
20	QPSK	1	49	22.61	22.63	22.53	23.45	23.47	23.37	Pass
20	QPSK	1	99	22.28	22.33	22.31	23.12	23.17	23.15	Pass
20	QPSK	50	0	21.27	21.31	21.33	22.11	22.15	22.17	Pass
20	QPSK	50	24	21.23	21.27	21.27	22.07	22.11	22.11	Pass
20	QPSK	50	50	21.17	21.29	21.25	22.01	22.13	22.09	Pass
20	QPSK	100	0	21.25	21.20	21.35	22.09	22.04	22.19	Pass
20	16QAM	1	0	21.78	21.86	21.76	22.62	22.7	22.6	Pass
20	16QAM	1	49	22.08	22.02	21.88	22.92	22.86	22.72	Pass
20	16QAM	1	99	21.99	21.88	21.93	22.83	22.72	22.77	Pass
20	16QAM	50	0	20.43	20.32	20.47	21.27	21.16	21.31	Pass
20	16QAM	50	24	20.22	20.32	20.26	21.06	21.16	21.1	Pass
20	16QAM	50	50	20.31	20.41	20.42	21.15	21.25	21.26	Pass
20	16QAM	100	0	20.17	20.31	20.29	21.01	21.15	21.13	Pass
Channel				20025	20175	20325	20025	20175	20325	Verdict
Frequency (MHz)				1717.5	1732.5	1747.5	1717.5	1732.5	1747.5	
15	QPSK	1	0	22.20	22.24	22.31	23.04	23.08	23.15	Pass
15	QPSK	1	37	22.49	22.49	22.37	23.33	23.33	23.21	Pass
15	QPSK	1	74	22.18	22.22	22.16	23.02	23.06	23.00	Pass
15	QPSK	36	0	21.18	21.19	21.24	22.02	22.03	22.08	Pass
15	QPSK	36	20	21.21	21.22	21.15	22.05	22.06	21.99	Pass
15	QPSK	36	39	21.16	21.08	21.14	22.00	21.92	21.98	Pass
15	QPSK	75	0	21.20	21.14	21.28	22.04	21.98	22.12	Pass
15	16QAM	1	0	21.64	21.68	21.75	22.48	22.52	22.59	Pass
15	16QAM	1	37	21.95	21.86	21.82	22.79	22.7	22.66	Pass
15	16QAM	1	74	21.83	21.73	21.82	22.67	22.57	22.66	Pass
15	16QAM	36	0	20.38	20.28	20.31	21.22	21.12	21.15	Pass
15	16QAM	36	20	20.20	20.13	20.17	21.04	20.97	21.01	Pass
15	16QAM	36	39	20.26	20.35	20.34	21.100	21.19	21.18	Pass
15	16QAM	75	0	20.07	20.18	20.22	20.91	21.02	21.06	Pass
Channel				20000	20175	20350	20000	20175	20350	Verdict
Frequency (MHz)				1715	1732.5	1750	1715	1732.5	1750	
10	QPSK	1	0	22.25	22.24	22.38	23.09	23.08	23.22	Pass
10	QPSK	1	25	22.48	22.51	22.41	23.32	23.35	23.25	Pass
10	QPSK	1	49	22.21	22.23	22.18	23.05	23.07	23.02	Pass
10	QPSK	25	0	21.11	21.16	21.30	21.95	22.00	22.14	Pass
10	QPSK	25	12	21.24	21.17	21.20	22.08	22.01	22.04	Pass
10	QPSK	25	25	21.08	21.18	21.17	21.92	22.02	22.01	Pass
10	QPSK	50	0	21.17	21.17	21.21	22.01	22.01	22.05	Pass
10	16QAM	1	0	21.64	21.66	21.69	22.48	22.5	22.53	Pass
10	16QAM	1	25	21.94	21.91	21.92	22.78	22.75	22.76	Pass
10	16QAM	1	49	21.82	21.82	21.86	22.66	22.66	22.7	Pass
10	16QAM	25	0	20.34	20.25	20.42	21.18	21.09	21.26	Pass
10	16QAM	25	12	20.16	20.25	20.10	21.00	21.09	20.94	Pass
10	16QAM	25	25	20.27	20.35	20.24	21.11	21.19	21.08	Pass
10	16QAM	50	0	20.18	20.14	20.19	21.02	20.98	21.03	Pass
Channel				19975	20175	20375	19975	20175	20375	Verdict
Frequency (MHz)				1712.5	1732.5	1752.5	1712.5	1732.5	1752.5	

5	QPSK	1	0	22.24	22.18	22.30	23.08	23.02	23.14	Pass
5	QPSK	1	12	22.46	22.51	22.37	23.30	23.35	23.21	Pass
5	QPSK	1	24	22.16	22.24	22.20	23.00	23.08	23.04	Pass
5	QPSK	12	0	21.16	21.26	21.26	22.00	22.1	22.10	Pass
5	QPSK	12	7	21.23	21.23	21.27	22.07	22.07	22.11	Pass
5	QPSK	12	13	21.17	21.16	21.08	22.01	22.00	21.92	Pass
5	QPSK	25	0	21.17	21.14	21.27	22.01	21.98	22.11	Pass
5	16QAM	1	0	21.63	21.68	21.73	22.47	22.52	22.57	Pass
5	16QAM	1	12	21.93	21.85	21.88	22.77	22.69	22.72	Pass
5	16QAM	1	24	21.90	21.79	21.91	22.74	22.63	22.75	Pass
5	16QAM	12	0	20.32	20.20	20.30	21.16	21.04	21.14	Pass
5	16QAM	12	7	20.13	20.26	20.18	20.97	21.10	21.02	Pass
5	16QAM	12	13	20.18	20.28	20.23	21.02	21.12	21.07	Pass
5	16QAM	25	0	20.16	20.25	20.16	21.00	21.09	21.00	Pass
Channel				19965	20175	20385	19965	20175	20385	Verdict
Frequency (MHz)				1711.5	1732.5	1753.5	1711.5	1732.5	1753.5	
3	QPSK	1	0	22.23	22.20	22.34	23.07	23.04	23.18	Pass
3	QPSK	1	8	22.41	22.50	22.46	23.25	23.34	23.3	Pass
3	QPSK	1	14	22.08	22.25	22.23	22.92	23.09	23.07	Pass
3	QPSK	8	0	21.13	21.17	21.23	21.97	22.01	22.07	Pass
3	QPSK	8	4	21.19	21.22	21.16	22.03	22.06	22	Pass
3	QPSK	8	7	21.18	21.12	21.18	22.02	21.96	22.02	Pass
3	QPSK	15	0	21.22	21.10	21.32	22.06	21.94	22.16	Pass
3	16QAM	1	0	21.61	21.76	21.71	22.45	22.6	22.55	Pass
3	16QAM	1	8	21.96	21.85	21.89	22.8	22.69	22.73	Pass
3	16QAM	1	14	21.83	21.72	21.94	22.67	22.56	22.78	Pass
3	16QAM	8	0	20.30	20.24	20.34	21.14	21.08	21.18	Pass
3	16QAM	8	4	20.19	20.20	20.20	21.03	21.04	21.04	Pass
3	16QAM	8	7	20.18	20.28	20.25	21.02	21.12	21.09	Pass
3	16QAM	15	0	20.11	20.13	20.11	20.95	20.97	20.95	Pass
Channel				19957	20175	20393	19957	20175	20393	Verdict
Frequency (MHz)				1710.7	1732.5	1754.3	1710.7	1732.5	1754.3	
1.4	QPSK	1	0	22.27	22.25	22.35	23.11	23.09	23.19	Pass
1.4	QPSK	1	3	22.43	22.54	22.40	23.27	23.38	23.24	Pass
1.4	QPSK	1	5	22.22	22.13	22.19	23.06	22.97	23.03	Pass
1.4	QPSK	3	0	22.16	22.30	22.29	23.00	23.14	23.13	Pass
1.4	QPSK	3	1	22.48	22.56	22.44	23.32	23.4	23.28	Pass
1.4	QPSK	3	3	22.07	22.23	22.14	22.91	23.07	22.98	Pass
1.4	QPSK	6	0	21.17	21.19	21.30	22.01	22.03	22.14	Pass
1.4	16QAM	1	0	21.65	21.79	21.73	22.49	22.63	22.57	Pass
1.4	16QAM	1	3	21.88	21.82	21.91	22.72	22.66	22.75	Pass
1.4	16QAM	1	5	21.89	21.71	21.83	22.73	22.55	22.67	Pass
1.4	16QAM	3	0	21.13	21.25	21.25	21.97	22.09	22.09	Pass
1.4	16QAM	3	1	21.24	21.13	21.13	22.08	21.97	21.97	Pass
1.4	16QAM	3	3	21.20	21.12	21.15	22.04	21.96	21.99	Pass
1.4	16QAM	6	0	20.08	20.18	20.13	20.92	21.02	20.97	Pass

LTE Band5：										
BW [MHz]	Modulation	RB Size	RB Offset	Conducted Power(dBm)			ERP (dBm)			Verdict
Channel				20450	20525	20600	20450	20525	20600	
Frequency (MHz)				829	836.5	844	829	836.5	844	
10	QPSK	1	0	23.15	23.22	23.15	19.95	20.02	19.95	Pass
10	QPSK	1	25	23.03	23.11	23.15	19.83	19.91	19.95	Pass
10	QPSK	1	49	23.05	23.09	23.13	19.85	19.89	19.93	Pass
10	QPSK	25	0	22.30	22.37	22.29	19.1	19.17	19.09	Pass
10	QPSK	25	12	22.21	22.17	22.17	19.01	18.97	18.97	Pass
10	QPSK	25	25	22.19	22.18	22.19	18.99	18.98	18.99	Pass
10	QPSK	50	0	22.15	22.21	22.37	18.95	19.01	19.17	Pass
10	16QAM	1	0	22.20	22.32	22.20	19	19.12	19	Pass
10	16QAM	1	25	22.14	22.12	22.08	18.94	18.92	18.88	Pass
10	16QAM	1	49	22.15	22.10	22.09	18.95	18.9	18.89	Pass
10	16QAM	25	0	21.22	21.37	21.45	18.02	18.17	18.25	Pass
10	16QAM	25	12	21.04	21.32	21.33	17.84	18.12	18.13	Pass
10	16QAM	25	25	21.33	21.29	21.45	18.13	18.09	18.25	Pass
10	16QAM	50	0	21.02	21.25	21.22	17.82	18.05	18.02	Pass
Channel				20425	20525	20625	20425	20525	20625	Verdict
Frequency (MHz)				826.5	836.5	846.5	826.5	836.5	846.5	
5	QPSK	1	0	23.00	23.09	23.09	19.8	19.89	19.89	Pass
5	QPSK	1	12	22.94	23.06	23.13	19.74	19.86	19.93	Pass
5	QPSK	1	24	22.99	22.97	23.06	19.79	19.77	19.86	Pass
5	QPSK	12	0	22.28	22.35	22.25	19.08	19.15	19.05	Pass
5	QPSK	12	7	22.18	22.11	22.03	18.98	18.91	18.83	Pass
5	QPSK	12	13	22.16	22.13	22.14	18.96	18.93	18.94	Pass
5	QPSK	25	0	22.05	22.16	22.29	18.85	18.96	19.09	Pass
5	16QAM	1	0	22.27	22.29	22.18	19.07	19.09	18.98	Pass
5	16QAM	1	12	22.11	22.12	22.07	18.91	18.92	18.87	Pass
5	16QAM	1	24	22.16	22.08	22.10	18.96	18.88	18.9	Pass
5	16QAM	12	0	21.08	21.33	21.35	17.88	18.13	18.15	Pass
5	16QAM	12	7	20.90	21.21	21.23	17.7	18.01	18.03	Pass
5	16QAM	12	13	21.31	21.15	21.35	18.11	17.95	18.15	Pass
5	16QAM	25	0	20.91	21.15	21.18	17.71	17.95	17.98	Pass
Channel				20415	20525	20635	20415	20525	20635	Verdict
Frequency (MHz)				825.5	836.5	847.5	825.5	836.5	847.5	
3	QPSK	1	0	23.04	23.19	23.13	19.84	19.99	19.93	Pass
3	QPSK	1	8	22.95	22.97	23.03	19.75	19.77	19.83	Pass
3	QPSK	1	14	22.90	23.06	23.00	19.7	19.86	19.8	Pass
3	QPSK	8	0	22.21	22.28	22.26	19.01	19.08	19.06	Pass
3	QPSK	8	4	22.15	22.10	22.09	18.95	18.9	18.89	Pass
3	QPSK	8	7	22.12	22.09	22.08	18.92	18.89	18.88	Pass
3	QPSK	15	0	22.10	22.15	22.32	18.9	18.95	19.12	Pass
3	16QAM	1	0	22.24	22.31	22.17	19.04	19.11	18.97	Pass
3	16QAM	1	8	22.09	22.08	22.04	18.89	18.88	18.84	Pass
3	16QAM	1	14	22.12	22.15	22.13	18.92	18.95	18.93	Pass
3	16QAM	8	0	21.14	21.29	21.37	17.94	18.09	18.17	Pass
3	16QAM	8	4	20.97	21.27	21.18	17.77	18.07	17.98	Pass
3	16QAM	8	7	21.24	21.19	21.37	18.04	17.99	18.17	Pass
3	16QAM	15	0	20.94	21.15	21.09	17.74	17.95	17.89	Pass
Channel				20407	20525	20643	20407	20525	20643	Verdict
Frequency (MHz)				824.7	836.5	848.3	824.7	836.5	848.3	

1.4	QPSK	1	0	23.14	23.08	23.11	19.94	19.88	19.91	Pass
1.4	QPSK	1	3	23.18	23.03	23.01	19.98	19.83	19.81	Pass
1.4	QPSK	1	5	23.02	22.94	22.95	19.82	19.74	19.75	Pass
1.4	QPSK	3	0	23.02	23.12	23.07	19.82	19.92	19.87	Pass
1.4	QPSK	3	1	23.05	23.01	23.03	19.85	19.81	19.83	Pass
1.4	QPSK	3	3	22.92	23.08	23.02	19.72	19.88	19.82	Pass
1.4	QPSK	6	0	22.00	22.03	22.06	18.8	18.83	18.86	Pass
1.4	16QAM	1	0	22.28	22.26	22.16	19.08	19.06	18.96	Pass
1.4	16QAM	1	3	22.10	22.06	22.10	18.9	18.86	18.9	Pass
1.4	16QAM	1	5	22.13	22.12	22.08	18.93	18.92	18.88	Pass
1.4	16QAM	3	0	22.01	22.13	22.05	18.81	18.93	18.85	Pass
1.4	16QAM	3	1	22.06	22.00	21.97	18.86	18.8	18.77	Pass
1.4	16QAM	3	3	22.04	21.99	21.91	18.84	18.79	18.71	Pass
1.4	16QAM	6	0	20.90	20.99	20.93	17.7	17.79	17.73	Pass

LTE Band12：										
BW [MHz]	Modulation	RB Size	RB Offset	Conducted Power(dBm)			ERP (dBm)			Verdict
Channel				23060	23095	23130	23060	23095	23130	
Frequency (MHz)				704	707.5	711	704	707.5	711	
10	QPSK	1	0	23.08	23.15	23.09	16.57	16.64	16.58	Pass
10	QPSK	1	25	22.93	23.05	23.07	16.42	16.54	16.56	Pass
10	QPSK	1	49	22.97	23.00	23.05	16.46	16.49	16.54	Pass
10	QPSK	25	0	22.24	22.28	22.20	15.73	15.77	15.69	Pass
10	QPSK	25	12	22.13	22.10	22.08	15.62	15.59	15.57	Pass
10	QPSK	25	25	22.13	22.12	22.11	15.62	15.61	15.6	Pass
10	QPSK	50	0	22.05	22.14	22.29	15.54	15.63	15.78	Pass
10	16QAM	1	0	22.22	22.23	22.18	15.71	15.72	15.67	Pass
10	16QAM	1	25	22.11	22.08	22.04	15.6	15.57	15.53	Pass
10	16QAM	1	49	22.10	22.10	22.07	15.59	15.59	15.56	Pass
10	16QAM	25	0	21.16	21.28	21.39	14.65	14.77	14.88	Pass
10	16QAM	25	12	20.96	21.22	21.23	14.45	14.71	14.72	Pass
10	16QAM	25	25	21.26	21.21	21.37	14.75	14.7	14.86	Pass
10	16QAM	50	0	20.96	21.18	21.13	14.45	14.67	14.62	Pass
Channel				23035	23095	23155	23035	23095	23155	Verdict
Frequency (MHz)				701.5	707.5	713.5	701.5	707.5	713.5	
5	QPSK	1	0	23.03	23.07	23.04	16.52	16.56	16.53	Pass
5	QPSK	1	12	22.92	22.98	23.04	16.41	16.47	16.53	Pass
5	QPSK	1	24	22.93	22.95	23.01	16.42	16.44	16.5	Pass
5	QPSK	12	0	22.15	22.23	22.17	15.64	15.72	15.66	Pass
5	QPSK	12	7	22.06	22.02	22.04	15.55	15.51	15.53	Pass
5	QPSK	12	13	22.05	22.07	22.06	15.54	15.56	15.55	Pass
5	QPSK	25	0	22.03	22.08	22.25	15.52	15.57	15.74	Pass
5	16QAM	1	0	22.19	22.27	22.17	15.68	15.76	15.66	Pass
5	16QAM	1	12	22.11	22.07	22.03	15.6	15.56	15.52	Pass
5	16QAM	1	24	22.09	22.08	22.09	15.58	15.57	15.58	Pass
5	16QAM	12	0	21.09	21.23	21.31	14.58	14.72	14.8	Pass
5	16QAM	12	7	20.91	21.19	21.18	14.4	14.68	14.67	Pass
5	16QAM	12	13	21.22	21.18	21.33	14.71	14.67	14.82	Pass
5	16QAM	25	0	20.89	21.14	21.09	14.38	14.63	14.58	Pass
Channel				23025	23095	23165	23025	23095	23165	Verdict
Frequency (MHz)				700.5	707.5	714.5	700.5	707.5	714.5	
3	QPSK	1	0	23.01	23.11	23.01	16.5	16.6	16.5	Pass
3	QPSK	1	8	22.89	22.96	23.03	16.38	16.45	16.52	Pass
3	QPSK	1	14	22.90	22.95	23.02	16.39	16.44	16.51	Pass
3	QPSK	8	0	22.18	22.22	22.15	15.67	15.71	15.64	Pass
3	QPSK	8	4	22.10	22.04	22.04	15.59	15.53	15.53	Pass
3	QPSK	8	7	22.07	22.06	22.06	15.56	15.55	15.55	Pass
3	QPSK	15	0	22.01	22.10	22.25	15.5	15.59	15.74	Pass
3	16QAM	1	0	22.21	22.23	22.16	15.7	15.72	15.65	Pass
3	16QAM	1	8	22.12	22.08	22.03	15.61	15.57	15.52	Pass
3	16QAM	1	14	22.09	22.10	22.09	15.58	15.59	15.58	Pass
3	16QAM	8	0	21.09	21.25	21.31	14.58	14.74	14.8	Pass
3	16QAM	8	4	20.90	21.19	21.20	14.39	14.68	14.69	Pass
3	16QAM	8	7	21.19	21.15	21.32	14.68	14.64	14.81	Pass
3	16QAM	15	0	20.89	21.11	21.11	14.38	14.6	14.6	Pass
Channel				23017	23095	23173	23017	23095	23173	Verdict
Frequency (MHz)				699.7	707.5	715.3	699.7	707.5	715.3	

1.4	QPSK	1	0	22.96	22.90	22.92	16.45	16.39	16.41	Pass
1.4	QPSK	1	3	23.00	22.85	22.84	16.49	16.34	16.33	Pass
1.4	QPSK	1	5	22.86	22.75	22.78	16.35	16.24	16.27	Pass
1.4	QPSK	3	0	22.85	22.94	22.91	16.34	16.43	16.4	Pass
1.4	QPSK	3	1	22.86	22.84	22.84	16.35	16.33	16.33	Pass
1.4	QPSK	3	3	22.73	22.89	22.85	16.22	16.38	16.34	Pass
1.4	QPSK	6	0	21.82	21.86	21.87	15.31	15.35	15.36	Pass
1.4	16QAM	1	0	22.21	22.37	22.38	15.7	15.86	15.87	Pass
1.4	16QAM	1	3	22.27	22.27	22.17	15.76	15.76	15.66	Pass
1.4	16QAM	1	5	22.10	22.11	22.12	15.59	15.6	15.61	Pass
1.4	16QAM	3	0	22.11	22.17	22.07	15.6	15.66	15.56	Pass
1.4	16QAM	3	1	21.88	21.84	21.78	15.37	15.33	15.27	Pass
1.4	16QAM	3	3	21.87	21.81	21.75	15.36	15.3	15.24	Pass
1.4	16QAM	6	0	20.71	20.81	20.74	14.2	14.3	14.23	Pass

LTE Band13：										
BW [MHz]	Modulation	RB Size	RB Offset	Conducted Power(dBm)			ERP (dBm)			Verdict
Channel				23230			23230			
Frequency (MHz)				782			782			
10	QPSK	1	0	23.24			18.65			Pass
10	QPSK	1	25	23.10			18.51			Pass
10	QPSK	1	49	23.06			18.47			Pass
10	QPSK	25	0	22.33			17.74			Pass
10	QPSK	25	12	22.18			17.59			Pass
10	QPSK	25	25	22.20			17.61			Pass
10	QPSK	50	0	22.21			17.62			Pass
10	16QAM	1	0	22.27			17.68			Pass
10	16QAM	1	25	22.06			17.47			Pass
10	16QAM	1	49	22.10			17.51			Pass
10	16QAM	25	0	21.33			16.74			Pass
10	16QAM	25	12	21.27			16.68			Pass
10	16QAM	25	25	21.28			16.69			Pass
10	16QAM	50	0	21.24			16.65			Pass
Channel				23205	23230	23255	23205	23230	23255	Verdict
Frequency (MHz)				779.5	782	784.5	779.5	782	784.5	
5	QPSK	1	0	22.98	23.04	23.02	18.39	18.45	18.43	Pass
5	QPSK	1	12	22.90	22.96	23.01	18.31	18.37	18.42	Pass
5	QPSK	1	24	22.91	22.92	22.96	18.32	18.33	18.37	Pass
5	QPSK	12	0	22.12	22.20	22.12	17.53	17.61	17.53	Pass
5	QPSK	12	7	22.05	22.01	21.99	17.46	17.42	17.4	Pass
5	QPSK	12	13	22.00	22.05	22.03	17.41	17.46	17.44	Pass
5	QPSK	25	0	21.99	22.06	22.21	17.4	17.47	17.62	Pass
5	16QAM	1	0	22.28	22.25	22.15	17.69	17.66	17.56	Pass
5	16QAM	1	12	22.09	22.12	22.09	17.5	17.53	17.5	Pass
5	16QAM	1	24	22.16	22.11	22.09	17.57	17.52	17.5	Pass
5	16QAM	12	0	21.07	21.18	21.27	16.48	16.59	16.68	Pass
5	16QAM	12	7	20.88	21.18	21.15	16.29	16.59	16.56	Pass
5	16QAM	12	13	21.19	21.15	21.29	16.6	16.56	16.7	Pass
5	16QAM	25	0	20.87	21.09	21.06	16.28	16.5	16.47	Pass

LTE Band17：										
BW [MHz]	Modulation	RB Size	RB Offset	Conducted Power(dBm)			ERP (dBm)			Verdict
Channel				23780	23790	23800	23780	23790	23800	
Frequency (MHz)				709	710	711	709	710	711	
10	QPSK	1	0	23.26	23.34	23.25	14.6	14.68	14.59	Pass
10	QPSK	1	25	23.09	23.22	23.24	14.43	14.56	14.58	Pass
10	QPSK	1	49	23.14	23.15	23.22	14.48	14.49	14.56	Pass
10	QPSK	25	0	22.40	22.46	22.37	13.74	13.8	13.71	Pass
10	QPSK	25	12	22.30	22.26	22.26	13.64	13.6	13.6	Pass
10	QPSK	25	25	22.29	22.29	22.30	13.63	13.63	13.64	Pass
10	QPSK	50	0	22.22	22.29	22.47	13.56	13.63	13.81	Pass
10	16QAM	1	0	22.23	22.24	22.19	13.57	13.58	13.53	Pass
10	16QAM	1	25	22.18	22.12	22.10	13.52	13.46	13.44	Pass
10	16QAM	1	49	22.12	22.12	22.08	13.46	13.46	13.42	Pass
10	16QAM	25	0	21.33	21.46	21.56	12.67	12.8	12.9	Pass
10	16QAM	25	12	21.14	21.40	21.40	12.48	12.74	12.74	Pass
10	16QAM	25	25	21.44	21.37	21.53	12.78	12.71	12.87	Pass
10	16QAM	50	0	21.13	21.34	21.30	12.47	12.68	12.64	Pass
Channel				23755	23790	23825	23755	23790	23825	Verdict
Frequency (MHz)				706.5	710	713.5	706.5	710	713.5	
5	QPSK	1	0	23.16	23.28	23.15	14.5	14.62	14.49	Pass
5	QPSK	1	12	22.93	23.15	23.13	14.27	14.49	14.47	Pass
5	QPSK	1	24	23.02	23.02	23.13	14.36	14.36	14.47	Pass
5	QPSK	12	0	22.33	22.32	22.21	13.67	13.66	13.55	Pass
5	QPSK	12	7	22.16	22.17	22.16	13.5	13.51	13.5	Pass
5	QPSK	12	13	22.22	22.17	22.18	13.56	13.51	13.52	Pass
5	QPSK	25	0	22.15	22.20	22.41	13.49	13.54	13.75	Pass
5	16QAM	1	0	22.16	22.09	22.10	13.5	13.43	13.44	Pass
5	16QAM	1	12	22.06	21.98	21.96	13.4	13.32	13.3	Pass
5	16QAM	1	24	22.02	22.05	21.92	13.36	13.39	13.26	Pass
5	16QAM	12	0	21.22	21.39	21.50	12.56	12.73	12.84	Pass
5	16QAM	12	7	21.08	21.24	21.27	12.42	12.58	12.61	Pass
5	16QAM	12	13	21.30	21.24	21.43	12.64	12.58	12.77	Pass
5	16QAM	25	0	21.04	21.24	21.18	12.38	12.58	12.52	Pass

LTE Band25：										
BW [MHz]	Modulation	RB Size	RB Offset	Conducted Power(dBm)			EIRP (dBm)			Verdict
Channel				26140	26365	26590	26140	26365	26590	
Frequency (MHz)				1860	1882.5	1905	1860	1882.5	1905	
20	QPSK	1	0	22.43	22.55	22.44	23.07	23.19	23.08	Pass
20	QPSK	1	49	22.37	22.42	22.39	23.01	23.06	23.03	Pass
20	QPSK	1	99	22.24	22.26	22.31	22.88	22.9	22.95	Pass
20	QPSK	50	0	21.28	21.33	21.38	21.92	21.97	22.02	Pass
20	QPSK	50	24	21.31	21.25	21.29	21.95	21.89	21.93	Pass
20	QPSK	50	50	21.23	21.21	21.25	21.87	21.85	21.89	Pass
20	QPSK	100	0	21.29	21.26	21.38	21.93	21.9	22.02	Pass
20	16QAM	1	0	21.74	21.79	21.86	22.38	22.43	22.5	Pass
20	16QAM	1	49	22.08	21.95	21.95	22.72	22.59	22.59	Pass
20	16QAM	1	99	22.00	21.91	21.94	22.64	22.55	22.58	Pass
20	16QAM	50	0	20.42	20.39	20.41	21.06	21.03	21.05	Pass
20	16QAM	50	24	20.19	20.33	20.23	20.83	20.97	20.87	Pass
20	16QAM	50	50	20.32	20.35	20.37	20.96	20.99	21.01	Pass
20	16QAM	100	0	20.19	20.27	20.23	20.83	20.91	20.87	Pass
Channel				26115	26365	26615	26115	26365	26615	Verdict
Frequency (MHz)				1857.5	1882.5	1907.5	1857.5	1882.5	1907.5	
15	QPSK	1	0	22.21	22.29	22.37	22.85	22.93	23.01	Pass
15	QPSK	1	37	22.22	22.23	22.27	22.86	22.87	22.91	Pass
15	QPSK	1	74	22.19	22.19	22.23	22.83	22.83	22.87	Pass
15	QPSK	36	0	21.17	21.23	21.23	21.81	21.87	21.87	Pass
15	QPSK	36	20	21.26	21.22	21.24	21.9	21.86	21.88	Pass
15	QPSK	36	39	21.17	21.18	21.19	21.81	21.82	21.83	Pass
15	QPSK	75	0	21.18	21.21	21.26	21.82	21.85	21.9	Pass
15	16QAM	1	0	21.71	21.79	21.78	22.35	22.43	22.42	Pass
15	16QAM	1	37	21.95	21.91	21.86	22.59	22.55	22.5	Pass
15	16QAM	1	74	21.83	21.83	21.90	22.47	22.47	22.54	Pass
15	16QAM	36	0	20.35	20.27	20.41	20.99	20.91	21.05	Pass
15	16QAM	36	20	20.13	20.23	20.17	20.77	20.87	20.81	Pass
15	16QAM	36	39	20.24	20.32	20.29	20.88	20.96	20.93	Pass
15	16QAM	75	0	20.17	20.25	20.17	20.81	20.89	20.81	Pass
Channel				26090	26365	26640	26090	26365	26640	Verdict
Frequency (MHz)				1855	1882.5	1910	1855	1882.5	1910	
10	QPSK	1	0	22.22	22.28	22.34	22.86	22.92	22.98	Pass
10	QPSK	1	25	22.15	22.20	22.28	22.79	22.84	22.92	Pass
10	QPSK	1	49	22.14	22.23	22.25	22.78	22.87	22.89	Pass
10	QPSK	25	0	21.17	21.26	21.29	21.81	21.9	21.93	Pass
10	QPSK	25	12	21.25	21.22	21.28	21.89	21.86	21.92	Pass
10	QPSK	25	25	21.22	21.17	21.21	21.86	21.81	21.85	Pass
10	QPSK	50	0	21.21	21.24	21.29	21.85	21.88	21.93	Pass
10	16QAM	1	0	21.68	21.81	21.77	22.32	22.45	22.41	Pass
10	16QAM	1	25	22.01	21.91	21.86	22.65	22.55	22.5	Pass
10	16QAM	1	49	21.90	21.80	21.86	22.54	22.44	22.5	Pass
10	16QAM	25	0	20.39	20.32	20.38	21.03	20.96	21.02	Pass
10	16QAM	25	12	20.19	20.23	20.21	20.83	20.87	20.85	Pass
10	16QAM	25	25	20.24	20.36	20.34	20.88	21	20.98	Pass
10	16QAM	50	0	20.14	20.27	20.20	20.78	20.91	20.84	Pass

Channel				26065	26365	26665	26065	26365	26665	Verdict
Frequency (MHz)				1852.5	1882.5	1912.5	1852.5	1882.5	1912.5	
5	QPSK	1	0	22.29	22.28	22.41	22.93	22.92	23.05	Pass
5	QPSK	1	12	22.21	22.18	22.26	22.85	22.82	22.9	Pass
5	QPSK	1	24	22.20	22.25	22.21	22.84	22.89	22.85	Pass
5	QPSK	12	0	21.23	21.20	21.27	21.87	21.84	21.91	Pass
5	QPSK	12	7	21.20	21.21	21.20	21.84	21.85	21.84	Pass
5	QPSK	12	13	21.18	21.14	21.16	21.82	21.78	21.8	Pass
5	QPSK	25	0	21.25	21.15	21.30	21.89	21.79	21.94	Pass
5	16QAM	1	0	21.72	21.80	21.81	22.36	22.44	22.45	Pass
5	16QAM	1	12	21.95	21.93	21.88	22.59	22.57	22.52	Pass
5	16QAM	1	24	21.84	21.79	21.86	22.48	22.43	22.5	Pass
5	16QAM	12	0	20.32	20.25	20.36	20.96	20.89	21	Pass
5	16QAM	12	7	20.17	20.21	20.23	20.81	20.85	20.87	Pass
5	16QAM	12	13	20.21	20.33	20.31	20.85	20.97	20.95	Pass
5	16QAM	25	0	20.14	20.19	20.18	20.78	20.83	20.82	Pass
Channel				26055	26365	26675	26055	26365	26675	Verdict
Frequency (MHz)				1851.5	1882.5	1913.5	1851.5	1882.5	1913.5	
3	QPSK	1	0	22.28	22.29	22.34	22.92	22.93	22.98	Pass
3	QPSK	1	8	22.20	22.22	22.23	22.84	22.86	22.87	Pass
3	QPSK	1	14	22.22	22.27	22.24	22.86	22.91	22.88	Pass
3	QPSK	8	0	21.20	21.24	21.28	21.84	21.88	21.92	Pass
3	QPSK	8	4	21.20	21.22	21.26	21.84	21.86	21.9	Pass
3	QPSK	8	7	21.19	21.21	21.13	21.83	21.85	21.77	Pass
3	QPSK	15	0	21.25	21.20	21.28	21.89	21.84	21.92	Pass
3	16QAM	1	0	21.74	21.73	21.77	22.38	22.37	22.41	Pass
3	16QAM	1	8	21.99	21.92	21.93	22.63	22.56	22.57	Pass
3	16QAM	1	14	21.85	21.82	21.95	22.49	22.46	22.59	Pass
3	16QAM	8	0	20.38	20.26	20.39	21.02	20.9	21.03	Pass
3	16QAM	8	4	20.20	20.23	20.21	20.84	20.87	20.85	Pass
3	16QAM	8	7	20.20	20.33	20.28	20.84	20.97	20.92	Pass
3	16QAM	15	0	20.19	20.20	20.20	20.83	20.84	20.84	Pass
Channel				26047	26365	26683	26047	26365	26683	Verdict
Frequency (MHz)				1850.7	1882.5	1914.3	1850.7	1882.5	1914.3	
1.4	QPSK	1	0	22.28	22.24	22.30	22.92	22.88	22.94	Pass
1.4	QPSK	1	3	22.21	22.17	22.30	22.85	22.81	22.94	Pass
1.4	QPSK	1	5	22.16	22.12	22.17	22.8	22.76	22.81	Pass
1.4	QPSK	3	0	22.23	22.27	22.33	22.87	22.91	22.97	Pass
1.4	QPSK	3	1	22.41	22.50	22.41	23.05	23.14	23.05	Pass
1.4	QPSK	3	3	22.06	22.15	22.23	22.7	22.79	22.87	Pass
1.4	QPSK	6	0	21.13	21.14	21.24	21.77	21.78	21.88	Pass
1.4	16QAM	1	0	21.68	21.79	21.74	22.32	22.43	22.38	Pass
1.4	16QAM	1	3	21.85	21.90	21.86	22.49	22.54	22.5	Pass
1.4	16QAM	1	5	21.88	21.77	21.90	22.52	22.41	22.54	Pass
1.4	16QAM	3	0	21.18	21.16	21.24	21.82	21.8	21.88	Pass
1.4	16QAM	3	1	21.16	21.15	21.13	21.8	21.79	21.77	Pass
1.4	16QAM	3	3	21.11	21.08	21.09	21.75	21.72	21.73	Pass
1.4	16QAM	6	0	20.10	20.14	20.17	20.74	20.78	20.81	Pass

LTE Band26:

BW [MHz]	Modulation	RB Size	RB Offset	Conducted Power(dBm)			ERP (dBm)			Verdict
Channel				26765	26865	26965	26765	26865	26965	
Frequency (MHz)				821.5	831.5	841.5	821.5	831.5	841.5	
15	QPSK	1	0	23.16	23.24	23.18	20.61	20.69	20.63	Pass
15	QPSK	1	37	23.06	23.13	23.16	20.51	20.58	20.61	Pass
15	QPSK	1	74	23.06	23.11	23.13	20.51	20.56	20.58	Pass
15	QPSK	36	0	22.33	22.38	22.29	19.78	19.83	19.74	Pass
15	QPSK	36	20	22.22	22.17	22.17	19.67	19.62	19.62	Pass
15	QPSK	36	39	22.20	22.19	22.21	19.65	19.64	19.66	Pass
15	QPSK	75	0	22.18	22.24	22.38	19.63	19.69	19.83	Pass
15	16QAM	1	0	22.34	22.39	22.29	19.79	19.84	19.74	Pass
15	16QAM	1	37	22.22	22.19	22.17	19.67	19.64	19.62	Pass
15	16QAM	1	74	22.22	22.21	22.23	19.67	19.66	19.68	Pass
15	16QAM	36	0	21.23	21.39	21.47	18.68	18.84	18.92	Pass
15	16QAM	36	20	21.06	21.33	21.33	18.51	18.78	18.78	Pass
15	16QAM	36	39	21.34	21.32	21.46	18.79	18.77	18.91	Pass
15	16QAM	75	0	21.05	21.26	21.24	18.5	18.71	18.69	Pass
Channel				26740	26865	26990	26740	26865	26990	Verdict
Frequency (MHz)				819	831.5	844	819	831.5	844	
10	QPSK	1	0	23.02	23.10	23.04	20.47	20.55	20.49	Pass
10	QPSK	1	25	22.93	23.00	23.01	20.38	20.45	20.46	Pass
10	QPSK	1	49	22.94	22.97	22.98	20.39	20.42	20.43	Pass
10	QPSK	25	0	22.18	22.23	22.17	19.63	19.68	19.62	Pass
10	QPSK	25	12	22.08	22.03	22.03	19.53	19.48	19.48	Pass
10	QPSK	25	25	22.08	22.06	22.06	19.53	19.51	19.51	Pass
10	QPSK	50	0	22.04	22.12	22.26	19.49	19.57	19.71	Pass
10	16QAM	1	0	22.21	22.26	22.17	19.66	19.71	19.62	Pass
10	16QAM	1	25	22.08	22.05	22.04	19.53	19.5	19.49	Pass
10	16QAM	1	49	22.09	22.08	22.11	19.54	19.53	19.56	Pass
10	16QAM	25	0	21.08	21.25	21.33	18.53	18.7	18.78	Pass
10	16QAM	25	12	20.92	21.19	21.20	18.37	18.64	18.65	Pass
10	16QAM	25	25	21.19	21.18	21.31	18.64	18.63	18.76	Pass
10	16QAM	50	0	20.91	21.14	21.09	18.36	18.59	18.54	Pass
Channel				26715	26865	27015	26715	26865	27015	Verdict
Frequency (MHz)				816.5	831.5	846.5	816.5	831.5	846.5	
5	QPSK	1	0	23.03	23.12	23.06	20.48	20.57	20.51	Pass
5	QPSK	1	12	22.92	22.99	23.01	20.37	20.44	20.46	Pass
5	QPSK	1	24	22.91	22.98	23.00	20.36	20.43	20.45	Pass
5	QPSK	12	0	22.19	22.24	22.16	19.64	19.69	19.61	Pass
5	QPSK	12	7	22.07	22.04	22.04	19.52	19.49	19.49	Pass
5	QPSK	12	13	22.08	22.05	22.08	19.53	19.5	19.53	Pass
5	QPSK	25	0	22.05	22.10	22.24	19.5	19.55	19.69	Pass
5	16QAM	1	0	22.20	22.25	22.16	19.65	19.7	19.61	Pass
5	16QAM	1	12	22.08	22.04	22.03	19.53	19.49	19.48	Pass
5	16QAM	1	24	22.09	22.09	22.11	19.54	19.54	19.56	Pass
5	16QAM	12	0	21.11	21.25	21.32	18.56	18.7	18.77	Pass
5	16QAM	12	7	20.93	21.20	21.20	18.38	18.65	18.65	Pass
5	16QAM	12	13	21.21	21.19	21.33	18.66	18.64	18.78	Pass

5	16QAM	25	0	20.92	21.12	21.10	18.37	18.57	18.55	Pass

Channel				26705	26865	27025	26705	26865	27025	Verdict
Frequency (MHz)				815.5	831.5	847.5	815.5	831.5	847.5	
3	QPSK	1	0	23.01	23.09	23.05	20.46	20.54	20.5	Pass
3	QPSK	1	8	22.93	23.00	23.03	20.38	20.45	20.48	Pass
3	QPSK	1	14	22.91	22.96	22.99	20.36	20.41	20.44	Pass
3	QPSK	8	0	22.19	22.24	22.17	19.64	19.69	19.62	Pass
3	QPSK	8	4	22.09	22.03	22.03	19.54	19.48	19.48	Pass
3	QPSK	8	7	22.05	22.05	22.09	19.5	19.5	19.54	Pass
3	QPSK	15	0	22.03	22.11	22.23	19.48	19.56	19.68	Pass
3	16QAM	1	0	22.22	22.25	22.17	19.67	19.7	19.62	Pass
3	16QAM	1	8	22.09	22.06	22.05	19.54	19.51	19.5	Pass
3	16QAM	1	14	22.09	22.07	22.09	19.54	19.52	19.54	Pass
3	16QAM	8	0	21.09	21.26	21.34	18.54	18.71	18.79	Pass
3	16QAM	8	4	20.91	21.20	21.19	18.36	18.65	18.64	Pass
3	16QAM	8	7	21.21	21.19	21.32	18.66	18.64	18.77	Pass
3	16QAM	15	0	20.92	21.12	21.09	18.37	18.57	18.54	Pass
Channel				26697	26865	27033	26697	26865	27033	Verdict
Frequency (MHz)				814.7	831.5	848.3	814.7	831.5	848.3	
1.4	QPSK	1	0	23.15	23.05	23.07	20.6	20.5	20.52	Pass
1.4	QPSK	1	3	23.17	23.00	22.98	20.62	20.45	20.43	Pass
1.4	QPSK	1	5	23.02	22.95	22.96	20.47	20.4	20.41	Pass
1.4	QPSK	3	0	23.07	23.17	23.06	20.52	20.62	20.51	Pass
1.4	QPSK	3	1	23.03	23.03	22.99	20.48	20.48	20.44	Pass
1.4	QPSK	3	3	22.87	23.12	22.98	20.32	20.57	20.43	Pass
1.4	QPSK	6	0	21.96	22.08	22.08	19.41	19.53	19.53	Pass
1.4	16QAM	1	0	22.44	22.51	22.61	19.89	19.96	20.06	Pass
1.4	16QAM	1	3	22.62	22.59	22.74	20.07	20.04	20.19	Pass
1.4	16QAM	1	5	22.66	22.52	22.61	20.11	19.97	20.06	Pass
1.4	16QAM	3	0	22.02	22.17	22.07	19.47	19.62	19.52	Pass
1.4	16QAM	3	1	22.02	22.00	22.01	19.47	19.45	19.46	Pass
1.4	16QAM	3	3	22.01	21.98	21.89	19.46	19.43	19.34	Pass
1.4	16QAM	6	0	20.86	21.05	20.92	18.31	18.5	18.37	Pass

LTE Band41：										
BW [MHz]	Modulation	RB Size	RB Offset	Conducted Power(dBm)			EIRP (dBm)			Verdict
Channel				40340	40740	41140	40340	40740	41140	
Frequency (MHz)				2565	2605	2645	2565	2605	2645	
20	QPSK	1	0	22.53	22.62	22.50	25.37	25.46	25.34	Pass
20	QPSK	1	49	22.25	22.28	22.28	25.09	25.12	25.12	Pass
20	QPSK	1	99	22.25	22.28	22.26	25.09	25.12	25.1	Pass
20	QPSK	50	0	21.24	21.31	21.32	24.08	24.15	24.16	Pass
20	QPSK	50	24	21.32	21.31	21.29	24.16	24.15	24.13	Pass
20	QPSK	50	50	21.21	21.18	21.24	24.05	24.02	24.08	Pass
20	QPSK	100	0	21.24	21.36	21.32	24.08	24.2	24.16	Pass
20	16QAM	1	0	21.76	21.84	21.79	24.6	24.68	24.63	Pass
20	16QAM	1	49	22.03	21.94	21.94	24.87	24.78	24.78	Pass
20	16QAM	1	99	21.88	21.95	21.98	24.72	24.79	24.82	Pass
20	16QAM	50	0	20.42	20.47	20.39	23.26	23.31	23.23	Pass
20	16QAM	50	24	20.17	20.24	20.21	23.01	23.08	23.05	Pass
20	16QAM	50	50	20.33	20.34	20.33	23.17	23.18	23.17	Pass
20	16QAM	100	0	20.21	20.25	20.24	23.05	23.09	23.08	Pass
Channel				40315	40740	41165	40315	40740	41165	Verdict
Frequency (MHz)				2562.5	2605	2647.5	2562.5	2605	2647.5	
15	QPSK	1	0	22.41	22.35	22.35	25.25	25.19	25.19	Pass
15	QPSK	1	37	22.12	22.12	22.16	24.96	24.96	25	Pass
15	QPSK	1	74	22.05	22.20	22.19	24.89	25.04	25.03	Pass
15	QPSK	36	0	21.14	21.20	21.13	23.98	24.04	23.97	Pass
15	QPSK	36	20	21.17	21.10	21.14	24.01	23.94	23.98	Pass
15	QPSK	36	39	21.02	21.05	21.09	23.86	23.89	23.93	Pass
15	QPSK	75	0	21.12	21.24	21.23	23.96	24.08	24.07	Pass
15	16QAM	1	0	21.60	21.66	21.71	24.44	24.5	24.55	Pass
15	16QAM	1	37	21.89	21.78	21.77	24.73	24.62	24.61	Pass
15	16QAM	1	74	21.74	21.80	21.78	24.58	24.64	24.62	Pass
15	16QAM	36	0	20.28	20.30	20.26	23.12	23.14	23.1	Pass
15	16QAM	36	20	20.06	20.10	20.10	22.9	22.94	22.94	Pass
15	16QAM	36	39	20.12	20.26	20.26	22.96	23.1	23.1	Pass
15	16QAM	75	0	20.06	20.09	20.08	22.9	22.93	22.92	Pass
Channel				40290	40740	41190	40290	40740	41190	Verdict
Frequency (MHz)				2560	2605	2650	2560	2605	2650	
10	QPSK	1	0	22.36	22.32	22.38	25.2	25.16	25.22	Pass
10	QPSK	1	25	22.07	22.16	22.11	24.91	25	24.95	Pass
10	QPSK	1	49	22.07	22.15	22.19	24.91	24.99	25.03	Pass
10	QPSK	25	0	21.15	21.17	21.14	23.99	24.01	23.98	Pass
10	QPSK	25	12	21.18	21.14	21.17	24.02	23.98	24.01	Pass
10	QPSK	25	25	21.03	21.07	21.06	23.87	23.91	23.9	Pass
10	QPSK	50	0	21.08	21.21	21.25	23.92	24.05	24.09	Pass
10	16QAM	1	0	21.58	21.64	21.69	24.42	24.48	24.53	Pass
10	16QAM	1	25	21.86	21.81	21.78	24.7	24.65	24.62	Pass
10	16QAM	1	49	21.83	21.82	21.85	24.67	24.66	24.69	Pass
10	16QAM	25	0	20.26	20.33	20.24	23.1	23.17	23.08	Pass
10	16QAM	25	12	20.07	20.09	20.13	22.91	22.93	22.97	Pass
10	16QAM	25	25	20.17	20.27	20.18	23.01	23.11	23.02	Pass
10	16QAM	50	0	20.04	20.09	20.08	22.88	22.93	22.92	Pass

Channel				40265	40740	41215	40265	40740	41215	Verdict
Frequency (MHz)				2557.5	2605	2652.5	2557.5	2605	2652.5	
5	QPSK	1	0	22.36	22.39	22.34	25.2	25.23	25.18	Pass
5	QPSK	1	12	22.11	22.17	22.14	24.95	25.01	24.98	Pass
5	QPSK	1	24	22.06	22.14	22.13	24.9	24.98	24.97	Pass
5	QPSK	12	0	21.12	21.13	21.18	23.96	23.97	24.02	Pass
5	QPSK	12	7	21.17	21.16	21.16	24.01	24	24	Pass
5	QPSK	12	13	21.10	21.10	21.05	23.94	23.94	23.89	Pass
5	QPSK	25	0	21.13	21.21	21.17	23.97	24.05	24.01	Pass
5	16QAM	1	0	21.58	21.61	21.65	24.42	24.45	24.49	Pass
5	16QAM	1	12	21.88	21.73	21.81	24.72	24.57	24.65	Pass
5	16QAM	1	24	21.75	21.81	21.81	24.59	24.65	24.65	Pass
5	16QAM	12	0	20.19	20.26	20.31	23.03	23.1	23.15	Pass
5	16QAM	12	7	20.08	20.11	20.09	22.92	22.95	22.93	Pass
5	16QAM	12	13	20.11	20.19	20.20	22.95	23.03	23.04	Pass
5	16QAM	25	0	20.11	20.09	20.14	22.95	22.93	22.98	Pass

LTE Band26 - IC:										
BW [MHz]	Modulation	RB Size	RB Offset	Conducted Power(dBm)			ERP (dBm)			Verdict
Channel				26865	26915	26965	26865	26915	26965	
Frequency (MHz)				831.5	836.5	841.5	831.5	836.5	841.5	
15	QPSK	1	0	23.24	23.15	23.18	20.69	20.6	20.63	Pass
15	QPSK	1	37	23.13	23.17	23.16	20.58	20.62	20.61	Pass
15	QPSK	1	74	23.11	23.10	23.13	20.56	20.55	20.58	Pass
15	QPSK	36	0	22.38	22.26	22.29	19.83	19.71	19.74	Pass
15	QPSK	36	20	22.17	22.22	22.17	19.62	19.67	19.62	Pass
15	QPSK	36	39	22.19	22.26	22.21	19.64	19.71	19.66	Pass
15	QPSK	75	0	22.24	22.38	22.38	19.69	19.83	19.83	Pass
15	16QAM	1	0	22.39	22.30	22.29	19.84	19.75	19.74	Pass
15	16QAM	1	37	22.19	22.16	22.17	19.64	19.61	19.62	Pass
15	16QAM	1	74	22.21	22.25	22.23	19.66	19.7	19.68	Pass
15	16QAM	36	0	21.39	21.44	21.47	18.84	18.89	18.92	Pass
15	16QAM	36	20	21.33	21.37	21.33	18.78	18.82	18.78	Pass
15	16QAM	36	39	21.32	21.42	21.46	18.77	18.87	18.91	Pass
15	16QAM	75	0	21.26	21.28	21.24	18.71	18.73	18.69	Pass
Channel				26840	26915	26990	26840	26915	26990	Verdict
Frequency (MHz)				829	836.5	844	829	836.5	844	
10	QPSK	1	0	23.10	23.03	23.04	20.55	20.48	20.49	Pass
10	QPSK	1	25	23.00	23.02	23.01	20.45	20.47	20.46	Pass
10	QPSK	1	49	22.97	23.02	22.98	20.42	20.47	20.43	Pass
10	QPSK	25	0	22.23	22.22	22.17	19.68	19.67	19.62	Pass
10	QPSK	25	12	22.03	22.06	22.03	19.48	19.51	19.48	Pass
10	QPSK	25	25	22.06	22.08	22.06	19.51	19.53	19.51	Pass
10	QPSK	50	0	22.12	22.23	22.26	19.57	19.68	19.71	Pass
10	16QAM	1	0	22.26	22.19	22.17	19.71	19.64	19.62	Pass
10	16QAM	1	25	22.05	22.00	22.04	19.5	19.45	19.49	Pass
10	16QAM	1	49	22.08	22.07	22.11	19.53	19.52	19.56	Pass
10	16QAM	25	0	21.25	21.37	21.33	18.7	18.82	18.78	Pass
10	16QAM	25	12	21.19	21.17	21.20	18.64	18.62	18.65	Pass
10	16QAM	25	25	21.18	21.30	21.31	18.63	18.75	18.76	Pass
10	16QAM	50	0	21.14	21.11	21.09	18.59	18.56	18.54	Pass
Channel				26815	26915	27015	26815	26915	27015	Verdict
Frequency (MHz)				826.5	836.5	846.5	826.5	836.5	846.5	
5	QPSK	1	0	23.12	23.07	23.06	20.57	20.52	20.51	Pass
5	QPSK	1	12	22.99	23.08	23.01	20.44	20.53	20.46	Pass
5	QPSK	1	24	22.98	23.01	23.00	20.43	20.46	20.45	Pass
5	QPSK	12	0	22.24	22.17	22.16	19.69	19.62	19.61	Pass
5	QPSK	12	7	22.04	22.04	22.04	19.49	19.49	19.49	Pass
5	QPSK	12	13	22.05	22.14	22.08	19.5	19.59	19.53	Pass
5	QPSK	25	0	22.10	22.29	22.24	19.55	19.74	19.69	Pass
5	16QAM	1	0	22.25	22.17	22.16	19.7	19.62	19.61	Pass
5	16QAM	1	12	22.04	22.02	22.03	19.49	19.47	19.48	Pass
5	16QAM	1	24	22.09	22.14	22.11	19.54	19.59	19.56	Pass
5	16QAM	12	0	21.25	21.29	21.32	18.7	18.74	18.77	Pass
5	16QAM	12	7	21.20	21.22	21.20	18.65	18.67	18.65	Pass
5	16QAM	12	13	21.19	21.30	21.33	18.64	18.75	18.78	Pass
5	16QAM	25	0	21.12	21.07	21.10	18.57	18.52	18.55	Pass

Channel				26805	26915	27025	26805	26915	27025	Verdict
Frequency (MHz)				825.5	836.5	847.5	825.5	836.5	847.5	
3	QPSK	1	0	23.09	23.11	23.05	20.54	20.56	20.5	Pass
3	QPSK	1	8	23.00	23.02	23.03	20.45	20.47	20.48	Pass
3	QPSK	1	14	22.96	23.00	22.99	20.41	20.45	20.44	Pass
3	QPSK	8	0	22.24	22.20	22.17	19.69	19.65	19.62	Pass
3	QPSK	8	4	22.03	22.04	22.03	19.48	19.49	19.48	Pass
3	QPSK	8	7	22.05	22.12	22.09	19.5	19.57	19.54	Pass
3	QPSK	15	0	22.11	22.26	22.23	19.56	19.71	19.68	Pass
3	16QAM	1	0	22.25	22.14	22.17	19.7	19.59	19.62	Pass
3	16QAM	1	8	22.06	22.02	22.05	19.51	19.47	19.5	Pass
3	16QAM	1	14	22.07	22.08	22.09	19.52	19.53	19.54	Pass
3	16QAM	8	0	21.26	21.29	21.34	18.71	18.74	18.79	Pass
3	16QAM	8	4	21.20	21.22	21.19	18.65	18.67	18.64	Pass
3	16QAM	8	7	21.19	21.38	21.32	18.64	18.83	18.77	Pass
3	16QAM	15	0	21.12	21.11	21.09	18.57	18.56	18.54	Pass
Channel				26797	26915	27033	26797	26915	27033	Verdict
Frequency (MHz)				824.7	836.5	848.3	824.7	836.5	848.3	
1.4	QPSK	1	0	23.05	23.08	23.07	20.5	20.53	20.52	Pass
1.4	QPSK	1	3	23.00	23.03	22.98	20.45	20.48	20.43	Pass
1.4	QPSK	1	5	22.95	23.01	22.96	20.4	20.46	20.41	Pass
1.4	QPSK	3	0	23.17	23.12	23.06	20.62	20.57	20.51	Pass
1.4	QPSK	3	1	23.03	23.11	22.99	20.48	20.56	20.44	Pass
1.4	QPSK	3	3	23.12	23.01	22.98	20.57	20.46	20.43	Pass
1.4	QPSK	6	0	22.08	22.30	22.08	19.53	19.75	19.53	Pass
1.4	16QAM	1	0	22.51	22.34	22.61	19.96	19.79	20.06	Pass
1.4	16QAM	1	3	22.59	22.54	22.74	20.04	19.99	20.19	Pass
1.4	16QAM	1	5	22.52	22.44	22.61	19.97	19.89	20.06	Pass
1.4	16QAM	3	0	22.17	22.01	22.07	19.62	19.46	19.52	Pass
1.4	16QAM	3	1	22.00	22.03	22.01	19.45	19.48	19.46	Pass
1.4	16QAM	3	3	21.98	22.09	21.89	19.43	19.54	19.34	Pass
1.4	16QAM	6	0	21.05	21.16	20.92	18.5	18.61	18.37	Pass

4.2 Radiated Emissions	VERDICT: PASS

4.2.1 Limit	
Band	**Standard**
5/26	FCC §22.917: The power of any emission outside of the authorized operating frequency ranges must be attenuated below the transmitting power (P) by a factor of at least 43 + 10 log(P) dB.
	FCC §90.691: For any frequency removed from the EA licensee's frequency block greater than 37.5 kHz, the power of any emission shall be attenuated below the transmitter power (P) in watts by at least 43 + 10Log10(P) decibels or 80 decibels, whichever is the lesser attenuation, where f is the frequency removed from the center of the outer channel in the block in kilohertz and where f is greater than 37.5 kHz.
	RSS-132: Section 5.5: The power of emissions in any 100 kHz bandwidth shall be attenuated (in dB) below the transmitter output power P (dBW) by at least 43 + 10 $\log_{10}$ p (watts).
2/25	FCC §24.238: The power of any emission outside of the authorized operating frequency ranges must be attenuated below the transmitting power (P) by a factor of at least 43 + 10 log(P) dB.
	RSS-133 Section 6.5: The emission power in any 1 MHz bandwidth shall be attenuated (in dB) below the transmitter output power P (dBW) by at least 43 + 10 $\log_{10}$ p(watts).
12/13/17	FCC §27.53(g): For operations in the 600 MHz band and the 698-746 MHz band, the power of any emission outside a licensee's frequency band(s) of operation shall be attenuated below the transmitter power (P) within the licensed band(s) of operation, measured in watts, by at least 43 + 10 log (P) dB. Compliance with this provision is based on the use of measurement instrumentation employing a resolution bandwidth of 100 kilohertz or greater. 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.
	FCC §27.53(c): On any frequency outside the 776-788 MHz band, the power of any emission shall be attenuated outside the band below the transmitter power (P) by at least 43 + 10 log (P) dB. On all frequencies between 763-775 MHz and 793-805 MHz, by a factor not less than 65 + 10 log (P) dB in a 6.25 kHz band segment, for mobile and portable stations.
	RSS-130 Section 4.7: The unwanted emissions in any 100 kHz bandwidth on any frequency outside the low frequency edge and the high frequency edge of each frequency block range(s), shall be attenuated below the transmitter power, P (dBW), by at least 43 + 10 $\log_{10}$ p (watts), dB. Equipment operating in the frequency bands 746- 756 MHz and 777-787 MHz shall also comply with the following restrictions: The power of any unwanted emissions in any 6.25 kHz bandwidth for all frequencies between 763-775 MHz and 793-806 MHz shall be attenuated below the transmitter power, P (dBW), by at least: 65 + 10 $\log_{10}$ p (watts), dB, for mobile and portable equipment. The e.i.r.p. in the band 1559-1610 MHz shall not exceed -70 dBW/MHz for wideband signal and -80 dBW for discrete emission with bandwidth less than 700 Hz.
4/41	FCC §27.53(h): The power of any emission outside a licensee's frequency block shall be attenuated below the transmitter power (P) in watts by at least 43 + 10 $\log_{10}$ (P) dB.
	RSS-139 Section 6.6: The emission power in any 1 MHz bandwidth shall be attenuated below the transmitter output power P (in dBW) by at least 43 + 10 $\log_{10}$ p (watts) dB.