TEST REPORT

Reference No.	:	WTD24X01019434W005
FCC ID	:	2BEPN-M46Q
Applicant	:	WEWINS TECHNOLOGY LIMITED
Address	:	Room 1003, 10/F, Tower 1, Lippo Centre, 89 Queensway, Admiralty, Hong Kong
Manufacturer	:	The same as Applicant
Address	:	The same as Applicant
Product Name	:	5G Mifi
Model No.	:	M46Q
Standards	:	FCC Part 22, FCC Part 24E, FCC Part 27
Date of Receipt sample	:	2024-01-24
Date of Test	:	2024-05-08 to 2024-05-21
Date of Issue	:	2024-05-21
Test Report Form No.	:	WTX_Part 22_ Part 24_ Part 27W
Test Result	:	**Pass**

Remarks:
The results shown in this test report refer only to the sample(s) tested, this test report cannot be reproduced, except in full, without prior written permission of the company. The report would be invalid without specific stamp of test institute and the signatures of approver.

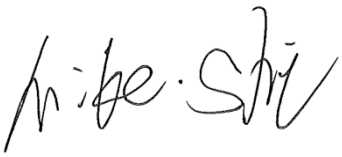
Prepared By:

Waltek Testing Group (Shenzhen) Co., Ltd.

Address: 1/F., Room 101, Building 1, Hongwei Industrial Park, Liuxian 2nd Road,
Block 70 Bao'an District, Shenzhen, Guangdong, China

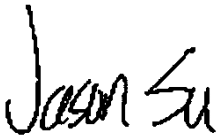
Tel.: +86-755-33663308 Fax.: +86-755-33663309 Email: sem@waltek.com.cn

Tested by:



Mike Shi

Approved by:



Jason Su

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Report version

Version No.	Date of issue	Description
Rev.00	2024-05-21	Original
/	/	/

1. GENERAL INFORMATION

1.1 Product Description for Equipment Under Test (EUT)

General Description of EUT:	
Product Name:	5G Mifi
Trade Name:	/
Model No.:	M46Q
Adding Model(s):	/
Rated Voltage:	Adapter DC5V; Battery DC3.85V
Battery Capacity:	/
Power Adapter:	GQ15-050300-ZU Input:AC100-240v~50/60Hz 0.5A Output:DC5V3.0A
The test data is gathered from a production sample provided by the manufacturer.	

Technical Characteristics of EUT:	
4G	
Support Networks:	FDD-LTE, TDD-LTE
Support Band:	FDD-LTE Band 2, 4, 5, 7,12, 13, 17, 25, 26, 66, 71 TDD-LTE Band 30, 38, 41,
CA:	CA_2C, CA_5B, CA_7C, CA_38C, CA_41C, CA_66B, CA_66C
Uplink Frequency:	FDD-LTE Band 2: Tx: 1850-1910MHz, FDD-LTE Band 4: Tx: 1710-1755MHz, FDD-LTE Band 5: Tx: 824-849MHz, FDD-LTE Band 7: Tx: 2500-2570MHz, FDD-LTE Band 12: Tx: 699-716MHz, FDD-LTE Band 13: Tx: 777-787MHz, FDD-LTE Band 17: Tx: 704-716MHz, FDD-LTE Band 25: Tx: 1850-1915MHz, FDD-LTE Band 26: Tx: 824-849MHz, FDD-LTE Band 66: Tx: 1710-1780MHz, FDD-LTE Band 71: Tx: 663-698MHz, FDD-LTE Band 30: Tx: 2305-2315MHz, TDD-LTE Band 38: Tx: 2570-2620MHz, TDD-LTE Band 41: Tx: 2496-2690MHz.
Downlink Frequency:	FDD-LTE Band 2: Rx: 1930-1990MHz, FDD-LTE Band 4: Rx: 2110-2155MHz, FDD-LTE Band 5: Rx: 869-894MHz,

	FDD-LTE Band 7: Rx: 2620-2690MHz, FDD-LTE Band 12: Rx: 729-746MHz, FDD-LTE Band 13: Rx: 746-756MHz, FDD-LTE Band 17: Rx: 734-746MHz, FDD-LTE Band 25: Rx: 1930-1995MHz, FDD-LTE Band 26: Rx: 869-894MHz, FDD-LTE Band 66: Rx: 2110-2200MHz, FDD-LTE Band 71: Rx: 617-652MHz, FDD-LTE Band 30: Rx: 2350-2360MHz, TDD-LTE Band 38: Rx: 2570-2620MHz, TDD-LTE Band 41: Rx: 2496-2690MHz.
RF Output Power:	FDD-LTE Band 2: 23.45dBm FDD-LTE Band 4: 23.20dBm FDD-LTE Band 5: 22.81dBm FDD-LTE Band 7: 23.50dBm FDD-LTE Band 12: 22.50dBm FDD-LTE Band 13: 22.44dBm FDD-LTE Band 17: 22.63dBm FDD-LTE Band 25: 23.45dBm FDD-LTE Band 26(824-849MHz): 22.81dBm FDD-LTE Band 66: 23.20dBm FDD-LTE Band 71: 22.45dBm FDD-LTE Band 30: 23.43dBm TDD-LTE Band 38: 23.71dBm TDD-LTE Band 41: 23.711dBm TDD-LTE Band 38_HPUE: 26.41dBm TDD-LTE Band 41_HPUE: 26.41dBm
Max.RF Output Power(UL CA):	LTE UL CA_2C: 23.58dBm LTE UL CA_5B: 23.45dBm LTE UL CA_7C: 23.79dBm LTE UL CA_38C: 24.51dBm LTE UL CA_41C: 24.46dBm LTE UL CA_66B: 23.65dBm LTE UL CA_66C: 23.46dBm
Type of Emission:	FDD-LTE Band 2: 17M9G7D, 17M9W7D FDD-LTE Band 4: 17M6G7D, 17M9W7D FDD-LTE Band 5: 13M4G7D, 13M4W7D FDD-LTE Band 7: 17M9G7D, 17M9W7D FDD-LTE Band 12: 8M93G7D, 8M93W7D FDD-LTE Band 13: 8M92G7D, 8M93W7D FDD-LTE Band 17: 8M95G7D, 9M00W7D FDD-LTE Band 25: 17M9G7D, 17M9W7D FDD-LTE Band 26: 13M4G7D, 13M4W7D

	FDD-LTE Band 66: 17M6G7D, 17M9W7D FDD-LTE Band 71: 17M8G7D, 17M8W7D FDD-LTE Band 30: 8M94G7D, 8M95W7D TDD-LTE Band 38: 17M9G7D, 17M9W7D TDD-LTE Band 41: 17M9G7D, 17M9W7D
Type of Modulation:	UL up to 256QAM, DL up to 256QAM
Antenna Type:	FPC Antenna
Antenna Gain:	FDD-LTE Band 2: 2.8dBi, FDD-LTE Band 4: 1.5dBi, FDD-LTE Band 5: 2.1dBi, FDD-LTE Band 7: 3.7dBi, FDD-LTE Band 12: 0.8dBi, FDD-LTE Band 13: 0.8dBi, FDD-LTE Band 17: 0.8dBi FDD-LTE Band 25: 2.8dBi FDD-LTE Band 26(824-849MHz): 2.1dBi FDD-LTE Band 30: 4.1dBi FDD-LTE Band 66: 2.8dBi FDD-LTE Band 71: 0.8dBi TDD-LTE Band 38: 3.7dBi TDD-LTE Band 41: 3.7dBi
Note The Antenna Gain is provided by the customer and can affect the validity of results.	

1.2 Test Standards

The tests were performed according to following standards:

FCC Rules Part 2: Frequency Alloca-Tions and Radio Treaty Mat-Ters; General Rules and Reg-Ulations.
FCC Rules Part 22: Private Land Mobile Radio Services.
FCC Rules Part 24: Public Mobile Services.
FCC Rules Part 27: Miscellaneous Wireless Communications Services.
TIA/EIA 603 E March 2016: Land Mobile FM or PM Communications Equipment Measurement and Performance Standards.
ANSI C63.26-2015: American National Standard for Compliance Testing of Transmitters Used in Licensed Radio Services.
KDB 971168 D01 Power Meas License Digital Systems v03r01: Measurement Guidance for Certification of Licensed Digital Transmitters.

Maintenance of compliance is the responsibility of the manufacturer. Any modification of the product, which result in lowering the emission, should be checked to ensure compliance has been maintained.

1.3 Test Methodology

All measurements contained in this report were conducted with TIA/EIA 603 E/ KDB 971168/ ANSI C63.26
The equipment under test (EUT) was configured to measure its highest possible emission level. The test modes were adapted accordingly in reference to the Operating Instructions.

1.4 Test Facility

Address of the test laboratory
Laboratory: Waltek Testing Group (Shenzhen) Co., Ltd.
Address: 1/F., Room 101, Building 1, Hongwei Industrial Park, Liuxian 2nd Road, Block 70 Bao'an District, Shenzhen, Guangdong, China

FCC – Registration No.: 125990
Waltek Testing Group (Shenzhen) Co., Ltd. EMC Laboratory has been registered and fully described in a report filed with the FCC (Federal Communications Commission). The acceptance letter from the FCC is mai ntained in our files. The Designation Number is CN5010, and Test Firm Registration Number is 125990.

Industry Canada (IC) Registration No.: 11464A
The 3m Semi-anechoic chamber of Waltek Testing Group (Shenzhen) Co., Ltd. has been registered by Certification and Engineering Bureau of Industry Canada for radio equipment testing with Registration No.: 11464A and the CAB identifier is CN0057.

1.5 EUT Setup and Test Mode

The EUT was operated in the engineering mode to fix the Tx frequency that was for the purpose of the measurements. All testing shall be performed under maximum output power condition, and to measure its highest
possible emissions level, more detailed description as follows:

Test Mode List		
Test Mode	Description	Remark
TM1	FDD-LTE Band 2	Low, Middle, High Channels
TM2	FDD-LTE Band 4	Low, Middle, High Channels
TM3	FDD-LTE Band 5	Low, Middle, High Channels
TM4	FDD-LTE Band 7	Low, Middle, High Channels
TM5	FDD-LTE Band 12	Low, Middle, High Channels
TM6	FDD-LTE Band 13	Low, Middle, High Channels
TM7	FDD-LTE Band 17	Low, Middle, High Channels
TM8	FDD-LTE Band 25	Low, Middle, High Channels
TM9	FDD-LTE Band 26	Low, Middle, High Channels
TM10	FDD-LTE Band 30	Low, Middle, High Channels
TM11	TDD-LTE Band 38	Low, Middle, High Channels
TM12	TDD-LTE Band 41	Low, Middle, High Channels
TM13	FDD-LTE Band 66	Low, Middle, High Channels
TM14	FDD-LTE Band 71	Low, Middle, High Channels

Test Conditions	
Temperature:	22~25 °C
Relative Humidity:	50~55 %.
ATM Pressure:	1019 mbar

EUT Cable List and Details			
Cable Description	Length (m)	Shielded/Unshielded	With / Without Ferrite
Type-C Cable	1.0	Shielded	Without Ferrite

Special Cable List and Details			
Cable Description	Length (m)	Shielded/Unshielded	With / Without Ferrite
/	/	/	/

Auxiliary Equipment List and Details			
Description	Manufacturer	Model	Serial Number
/	/	/	/

1.6 Measurement Uncertainty

Measurement uncertainty		
Parameter	Conditions	Uncertainty
RF Output Power	Conducted	±0.42dB
Occupied Bandwidth	Conducted	±1.5%
Frequency Stability	Conducted	2.3%
Transmitter Spurious Emissions	Conducted	±0.42dB
Transmitter Spurious Emissions	Radiated	30-200MHz ±4.52dB
		0.2-1GHz ±5.56dB
		1-6GHz ±3.84dB
		6-18GHz ±3.92dB

1.7 Test Equipment List and Details

Fixed asset Number	Description	Manufacturer	Model	Serial No.	Cal Date	Due. Date
WTXE1041 A1001	Communication Tester	Rohde & Schwarz	CMW500	148650	2024-02-24	2025-02-23
WTXE1022 A1002	GSM Tester	Rohde & Schwarz	CMU200	114403	2024-02-27	2025-02-26
WTXE1104 A1001	MXG Vector Signal Generator	Agilent	N5182A	MY47420108	2024-02-24	2025-02-23
WTXE1104 A1002	DC Power Supply	Agilent	E3634A	MY40009294	2024-02-24	2025-02-23
WTXE1104 A1003	EXG Analog Signal Generator	KEYSIGHT	N5173B	MY61252892	2024-02-24	2025-02-23
WTXE1104 A1004	Spectrum Analyzer	Rohde&Schwarz	FSV40-N	101559	2024-02-24	2025-02-23
WTXE1018 A1001	Power Divider	Weinschel	1506A	PM204	2024-02-29	2025-02-28
☐Chamber A: Below 1GHz						
WTXE1005 A1003	Spectrum Analyzer	Rohde & Schwarz	FSP30	836079/035	2024-02-24	2025-02-23
WTXE1001 A1001	EMI Test Receiver	Rohde & Schwarz	ESPI	101611	2024-03-19	2025-03-18
WTXE1007 A1001	Amplifier	HP	8447F	2805A03475	2024-02-24	2025-02-23
WTXE1010 A1007	Loop Antenna	Schwarz beck	FMZB 1516	9773	2024-02-26	2025-02-25
WTXE1010 A1006	Broadband Antenna	Schwarz beck	VULB9163	9163-333	2024-02-24	2025-02-23
☐Chamber A: Above 1GHz						
WTXE1005 A1003	Spectrum Analyzer	Rohde & Schwarz	FSP30	836079/035	2024-02-24	2025-02-23
WTXE1001 A1001	EMI Test Receiver	Rohde & Schwarz	ESPI	101611	2024-03-19	2025-03-18
WTXE1065 A1001	Amplifier	C&D	PAP-1G18	2002	2024-02-27	2025-02-26
WTXE1010 A1005	Horn Antenna	ETS	3117	00086197	2024-02-26	2025-02-25
WTXE1010 A1010	DRG Horn Antenna	A.H. SYSTEMS	SAS-574	571	2024-03-17	2025-03-16
WTXE1003	Pre-amplifier	Schwarzbeck	BBV 9721	9721-031	2024-02-29	2025-02-28

A1001						
WTXE1004 A1-001	Spectrum Analyzer	Rohde & Schwarz	FSP40	100612	2024-02-27	2025-02-26
☐Chamber B:Below 1GHz						
WTXE1010 A1006	Trilog Broadband Antenna	Schwarz beck	VULB9163(B)	9163-635	2024-02-24	2025-02-23
WTXE1038 A1001	Amplifier	Agilent	8447D	2944A10457	2024-02-24	2025-02-23
WTXE1001 A1002	EMI Test Receiver	Rohde & Schwarz	ESPI	101391	2024-02-24	2025-02-23
☒Chamber C:Below 1GHz						
WTXE1093 A1001	EMI Test Receiver	Rohde & Schwarz	ESIB 26	100401	2024-02-27	2025-02-26
WTXE1010 A1013-1	Trilog Broadband Antenna	Schwarz beck	VULB 9168	1194	2024-04-18	2027-04-17
WTXE1007 A1002	Amplifier	HP	8447F	2944A03869	2024-02-24	2025-02-23
WTXE1010 A1007	Loop Antenna	Schwarz beck	FMZB 1516	9773	2024-02-26	2025-02-25
☒Chamber C: Above 1GHz						
WTXE1093 A1001	EMI Test Receiver	Rohde & Schwarz	ESIB 26	100401	2024-02-27	2025-02-26
WTXE1103 A1005	Horn Antenna	POAM	RTF-118A	1820	2023-03-10	2026-03-09
WTXE1103 A1006	Amplifier	Tonscend	TAP01018050	AP22E806235	2024-02-27	2025-02-26
WTXE1010 A1010	DRG Horn Antenna	A.H. SYSTEMS	SAS-574	571	2024-03-17	2025-03-16
WTXE1003 A1001	Pre-amplifier	Schwarzbeck	BBV 9721	9721-031	2024-02-29	2025-02-28
☐Conducted Room 1#						
WTXE1104 A1029	EMI Test Receiver	Rohde & Schwarz	ESCI	100525	2023-12-12	2024-12-11
WTXE1002 A1001	Pulse Limiter	Rohde & Schwarz	ESH3-Z2	100911	2024-02-24	2025-02-23
WTXE1003 A1001	AC LISN	Schwarz beck	NSLK8126	8126-279	2024-02-24	2025-02-23
☒Conducted Room 2#						
WTXE1001 A1004	EMI Test Receiver	Rohde & Schwarz	ESPI	101259	2024-02-24	2025-02-23

WTXE1003 A1003	LISN	Rohde & Schwarz	ENV 216	100097	2024-02-24	2025-02-23

Software List			
Description	**Manufacturer**	**Model**	**Version**
EMI Test Software (Radiated Emission)*	Farad	EZ-EMC	RA-03A1
LTE Test System*	Tonscend	JS1120-1	V2.5

*Remark: indicates software version used in the compliance certification testing.

2. SUMMARY OF TEST RESULTS

FCC Rules	Description of Test Item	Result
§2.1046, §22.913(a)(2), §24.232(c), §27.50(b)(10), §27.50(c)(10), §27.50(d)(4), §27.50(h)(2)	RF Output Power	Compliant
§24.232(d), §27.50(d)(5)	Peak-to-average Ratio (PAR) of Transmitter*	N/A
§2.1049	Emission Bandwidth*	N/A
§2.1053, §22.917(a), §24.238(a), §27.53(c)(2), §27.53(g), §27.53(h) §27.53(m)(4)	Spurious Emissions at Antenna Terminal*	N/A
§2.1053, §22.917(a), §24.238(a), §27.53(c)(2), §27.53(g), §27.53(h) §27.53(m)(4)	Spurious Radiation Emissions	Compliant
§2.1051, §22.917(a), §24.238(a), §27.53(c)(2), §27.53(g), §27.53(h), §27.53(m)(4)	Out of Band Emissions*	N/A
§2.1055, §22.355, §24.235, §27.54	Frequency Stability*	N/A

**Remark: Due to updated antennas of LTE, Updated test data include radiated Power, Spurious Radiation Emissions, the RF conducted test data refer to the module (FCC ID: XMR2022RG520NNA).*
N/A: Not applicable.

3. RF Output Power

3.1 Standard Applicable

According to §22.913(a)(2), the ERP of mobile and portable stations transmitters and auxiliary test transmitters must not exceed 7 Watts.

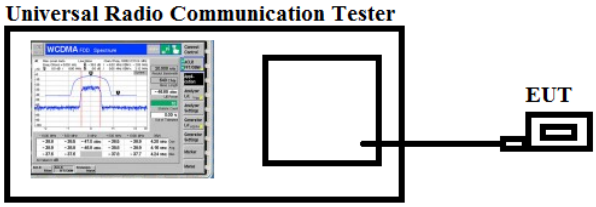
According to §24.232(c), mobile and portable stations are limited to 2 watts EIRP and the equipment must employ a means for limiting power to the minimum necessary for successful communications.

According to §27.50(d)(4), fixed, mobile, and portable (hand-held) stations operating in the 1710-1755MHz band and mobile and portable stations operating in the 1695-1710MHz and 1755-1780MHz bands are limited to 1 watt EIRP.

According to §27.50(c)(10), portable stations (hand-held devices) in the 698-746 MHz band are limited to 3 watts ERP.

3.2 Test Procedure

- Conducted output power test method:



- Radiated power test method:

1. The setup of EUT is according with per ANSI/TIA Standard 603E and ANSI C63.26 measurement procedure.
2. The measurement antenna was placed at a distance of 3 meters from the EUT. During the tests, the antenna height and polarization as well as EUT azimuth were varied in order to identify the maximum level of emissions from the EUT. The test was performed by placing the EUT on 3-orthogonal axis.
3. The frequency range up to tenth harmonic of the fundamental frequency was investigated.

4. Remove the EUT and replace it with substitution antenna. A signal generator was connected to the substitution antenna by a non-radiating cable. The absolute levels of the spurious emissions were measured by the substitution.

3.3 Summary of Test Results/Plots

Max. Radiated Power:

FDD-LTE Band 2

Channel Bandwidth: 1.4 MHz			
Modulation	Channel	E.i.r.p [dBm]	Verdict
QPSK	LCH	24.51	PASS
	MCH	24.12	PASS
	HCH	24.47	PASS
16QAM	LCH	24.38	PASS
	MCH	24.01	PASS
	HCH	24.15	PASS
Channel Bandwidth: 3 MHz			
Modulation	Channel	E.i.r.p [dBm]	Verdict
QPSK	LCH	24.05	PASS
	MCH	24.18	PASS
	HCH	24.43	PASS
16QAM	LCH	24.57	PASS
	MCH	24.72	PASS
	HCH	24.16	PASS
Channel Bandwidth: 5 MHz			
Modulation	Channel	E.i.r.p [dBm]	Verdict
QPSK	LCH	24.46	PASS
	MCH	24.41	PASS
	HCH	24.57	PASS
16QAM	LCH	23.69	PASS
	MCH	23.12	PASS
	HCH	23.08	PASS
Channel Bandwidth: 10 MHz			
Modulation	Channel	E.i.r.p [dBm]	Verdict
QPSK	LCH	24.18	PASS
	MCH	24.08	PASS
	HCH	24.15	PASS
16QAM	LCH	23.71	PASS
	MCH	23.42	PASS
	HCH	23.76	PASS

Channel Bandwidth: 15 MHz			
Modulation	Channel	E.i.r.p [dBm]	Verdict
QPSK	LCH	24.24	PASS
	MCH	24.17	PASS
	HCH	24.42	PASS
16QAM	LCH	23.48	PASS
	MCH	23.07	PASS
	HCH	23.12	PASS
Channel Bandwidth: 20 MHz			
Modulation	Channel	E.i.r.p [dBm]	Verdict
QPSK	LCH	24.61	PASS
	MCH	24.76	PASS
	HCH	24.12	PASS
16QAM	LCH	23.48	PASS
	MCH	23.05	PASS
	HCH	23.17	PASS

FDD-LTE Band 4

Channel Bandwidth: 1.4 MHz			
Modulation	Channel	E.i.r.p [dBm]	Verdict
QPSK	LCH	24.17	PASS
	MCH	24.35	PASS
	HCH	24.41	PASS
16QAM	LCH	23.35	PASS
	MCH	23.86	PASS
	HCH	23.42	PASS
Channel Bandwidth: 3 MHz			
Modulation	Channel	E.i.r.p [dBm]	Verdict
QPSK	LCH	24.05	PASS
	MCH	24.04	PASS
	HCH	24.26	PASS
16QAM	LCH	23.16	PASS
	MCH	23.25	PASS
	HCH	23.38	PASS
Channel Bandwidth: 5 MHz			
Modulation	Channel	E.i.r.p [dBm]	Verdict
QPSK	LCH	24.17	PASS
	MCH	24.36	PASS
	HCH	24.13	PASS
16QAM	LCH	23.12	PASS
	MCH	23.36	PASS
	HCH	23.97	PASS
Channel Bandwidth: 10 MHz			
Modulation	Channel	E.i.r.p [dBm]	Verdict
QPSK	LCH	24.33	PASS
	MCH	24.12	PASS
	HCH	24.30	PASS
16QAM	LCH	23.15	PASS
	MCH	23.21	PASS
	HCH	23.18	PASS

Channel Bandwidth: 15 MHz			
Modulation	Channel	E.i.r.p [dBm]	Verdict
QPSK	LCH	24.11	PASS
	MCH	24.26	PASS
	HCH	24.34	PASS
16QAM	LCH	23.27	PASS
	MCH	23.22	PASS
	HCH	23.41	PASS
Channel Bandwidth: 20 MHz			
Modulation	Channel	E.i.r.p [dBm]	Verdict
QPSK	LCH	24.36	PASS
	MCH	24.17	PASS
	HCH	24.12	PASS
16QAM	LCH	23.98	PASS
	MCH	23.82	PASS
	HCH	23.89	PASS

FDD-LTE Band 5

Channel Bandwidth: 1.4 MHz			
Modulation	Channel	E.r.p [dBm]	Verdict
QPSK	LCH	21.15	PASS
	MCH	21.24	PASS
	HCH	21.26	PASS
16QAM	LCH	21.45	PASS
	MCH	21.36	PASS
	HCH	21.54	PASS
Channel Bandwidth: 3 MHz			
Modulation	Channel	E.r.p [dBm]	Verdict
QPSK	LCH	21.25	PASS
	MCH	21.26	PASS
	HCH	21.24	PASS
16QAM	LCH	21.14	PASS
	MCH	21.36	PASS
	HCH	21.54	PASS
Channel Bandwidth: 5 MHz			
Modulation	Channel	E.r.p [dBm]	Verdict
QPSK	LCH	21.45	PASS
	MCH	21.36	PASS
	HCH	21.58	PASS
16QAM	LCH	20.45	PASS
	MCH	20.25	PASS
	HCH	20.36	PASS
Channel Bandwidth: 10 MHz			
Modulation	Channel	E.r.p [dBm]	Verdict
QPSK	LCH	21.15	PASS
	MCH	21.25	PASS
	HCH	21.36	PASS
16QAM	LCH	20.74	PASS
	MCH	20.25	PASS
	HCH	20.36	PASS

FDD-LTE Band 7

Channel Bandwidth: 5 MHz			
Modulation	Channel	E.i.r.p [dBm]	Verdict
QPSK	LCH	25.36	PASS
	MCH	25.41	PASS
	HCH	25.38	PASS
16QAM	LCH	24.74	PASS
	MCH	24.52	PASS
	HCH	24.79	PASS
Channel Bandwidth: 10 MHz			
Modulation	Channel	E.i.r.p [dBm]	Verdict
QPSK	LCH	25.26	PASS
	MCH	25.29	PASS
	HCH	25.25	PASS
16QAM	LCH	24.24	PASS
	MCH	24.21	PASS
	HCH	24.26	PASS
Channel Bandwidth: 15 MHz			
Modulation	Channel	E.i.r.p [dBm]	Verdict
QPSK	LCH	25.25	PASS
	MCH	25.26	PASS
	HCH	25.31	PASS
16QAM	LCH	24.14	PASS
	MCH	24.52	PASS
	HCH	24.16	PASS
Channel Bandwidth: 20 MHz			
Modulation	Channel	E.i.r.p [dBm]	Verdict
QPSK	LCH	25.17	PASS
	MCH	25.32	PASS
	HCH	25.43	PASS
16QAM	LCH	24.23	PASS
	MCH	24.11	PASS
	HCH	24.12	PASS

FDD-LTE Band 12

Channel Bandwidth: 1.4MHz			
Modulation	Channel	E.r.p [dBm]	Verdict
QPSK	LCH	21.16	PASS
	MCH	21.21	PASS
	HCH	21.24	PASS
16QAM	LCH	21.08	PASS
	MCH	21.31	PASS
	HCH	21.25	PASS
Channel Bandwidth: 3 MHz			
Modulation	Channel	E.r.p [dBm]	Verdict
QPSK	LCH	21.12	PASS
	MCH	21.35	PASS
	HCH	21.21	PASS
16QAM	LCH	21.27	PASS
	MCH	21.24	PASS
	HCH	21.26	PASS
Channel Bandwidth: 5 MHz			
Modulation	Channel	E.r.p [dBm]	Verdict
QPSK	LCH	21.32	PASS
	MCH	21.41	PASS
	HCH	21.21	PASS
16QAM	LCH	21.23	PASS
	MCH	21.27	PASS
	HCH	21.21	PASS
Channel Bandwidth: 10 MHz			
Modulation	Channel	E.r.p [dBm]	Verdict
QPSK	LCH	21.24	PASS
	MCH	21.23	PASS
	HCH	21.27	PASS
16QAM	LCH	21.21	PASS
	MCH	21.17	PASS
	HCH	21.08	PASS

FDD-LTE Band 13

Channel Bandwidth: 5 MHz			
Modulation	Channel	E.r.p [dBm]	Verdict
QPSK	LCH	21.16	PASS
	MCH	21.12	PASS
	HCH	21.22	PASS
16QAM	LCH	21.25	PASS
	MCH	21.32	PASS
	HCH	21.01	PASS
Channel Bandwidth: 10 MHz			
Modulation	Channel	E.r.p [dBm]	Verdict
QPSK	MCH	21.31	PASS
16QAM	MCH	21.20	PASS

FDD-LTE Band 17

Channel Bandwidth: 5 MHz			
Modulation	Channel	E.r.p [dBm]	Verdict
QPSK	LCH	21.11	PASS
	MCH	21.15	PASS
	HCH	21.37	PASS
16QAM	LCH	21.28	PASS
	MCH	21.06	PASS
	HCH	21.12	PASS
Channel Bandwidth: 10 MHz			
Modulation	Channel	E.r.p [dBm]	Verdict
QPSK	LCH	21.31	PASS
	MCH	21.45	PASS
	HCH	21.06	PASS
16QAM	LCH	21.15	PASS
	MCH	21.37	PASS
	HCH	21.45	PASS

FDD-LTE Band 25

Channel Bandwidth: 1.4 MHz			
Modulation	Channel	E.i.r.p [dBm]	Verdict
QPSK	LCH	24.25	PASS
	MCH	24.46	PASS
	HCH	24.07	PASS
16QAM	LCH	23.12	PASS
	MCH	23.23	PASS
	HCH	23.26	PASS
Channel Bandwidth: 3 MHz			
Modulation	Channel	E.i.r.p [dBm]	Verdict
QPSK	LCH	24.64	PASS
	MCH	24.45	PASS
	HCH	24.26	PASS
16QAM	LCH	23.35	PASS
	MCH	23.31	PASS
	HCH	23.42	PASS
Channel Bandwidth: 5 MHz			
Modulation	Channel	E.i.r.p [dBm]	Verdict
QPSK	LCH	24.33	PASS
	MCH	24.47	PASS
	HCH	24.08	PASS
16QAM	LCH	23.49	PASS
	MCH	23.34	PASS
	HCH	23.46	PASS
Channel Bandwidth: 10 MHz			
Modulation	Channel	E.i.r.p [dBm]	Verdict
QPSK	LCH	24.15	PASS
	MCH	24.42	PASS
	HCH	24.39	PASS
16QAM	LCH	23.15	PASS
	MCH	23.25	PASS
	HCH	23.29	PASS

Channel Bandwidth: 15 MHz			
Modulation	Channel	E.i.r.p [dBm]	Verdict
QPSK	LCH	24.42	PASS
	MCH	24.33	PASS
	HCH	24.72	PASS
16QAM	LCH	23.31	PASS
	MCH	23.42	PASS
	HCH	23.08	PASS
Channel Bandwidth: 20 MHz			
Modulation	Channel	E.i.r.p [dBm]	Verdict
QPSK	LCH	24.65	PASS
	MCH	24.33	PASS
	HCH	24.02	PASS
16QAM	LCH	23.16	PASS
	MCH	23.38	PASS
	HCH	23.27	PASS

FDD-LTE Band 26 (824-849MHz)

Channel Bandwidth: 1.4 MHz			
Modulation	Channel	E.r.p [dBm]	Verdict
QPSK	LCH	21.32	PASS
	MCH	21.47	PASS
	HCH	21.31	PASS
16QAM	LCH	21.16	PASS
	MCH	21.25	PASS
	HCH	21.31	PASS
Channel Bandwidth: 3 MHz			
Modulation	Channel	E.r.p [dBm]	Verdict
QPSK	LCH	21.41	PASS
	MCH	21.24	PASS
	HCH	21.32	PASS
16QAM	LCH	21.05	PASS
	MCH	21.36	PASS
	HCH	21.47	PASS
Channel Bandwidth: 5 MHz			
Modulation	Channel	E.r.p [dBm]	Verdict
QPSK	LCH	21.13	PASS
	MCH	21.32	PASS
	HCH	21.49	PASS
16QAM	LCH	20.36	PASS
	MCH	20.47	PASS
	HCH	20.45	PASS
Channel Bandwidth: 10 MHz			
Modulation	Channel	E.r.p [dBm]	Verdict
QPSK	LCH	21.35	PASS
	MCH	21.61	PASS
	HCH	21.05	PASS
16QAM	LCH	20.32	PASS
	MCH	20.15	PASS
	HCH	20.63	PASS

Channel Bandwidth: 15 MHz			
Modulation	Channel	E.r.p [dBm]	Verdict
QPSK	LCH	21.13	PASS
	MCH	21.52	PASS
	HCH	21.63	PASS
16QAM	LCH	20.32	PASS
	MCH	20.41	PASS
	HCH	20.71	PASS

FDD-LTE Band 30

Channel Bandwidth: 5 MHz			
Modulation	Channel	E.r.p [dBm]	Verdict
QPSK	LCH	23.45	PASS
	MCH	23.25	PASS
	HCH	23.46	PASS
16QAM	LCH	23.31	PASS
	MCH	23.74	PASS
	HCH	23.25	PASS
Channel Bandwidth: 10 MHz			
Modulation	Channel	E.r.p [dBm]	Verdict
QPSK	MCH	23.65	PASS
16QAM	MCH	23.47	PASS

TDD-LTE Band 38

Channel Bandwidth: 5 MHz			
Modulation	Channel	E.i.r.p [dBm]	Verdict
QPSK	LCH	25.24	PASS
	MCH	25.28	PASS
	HCH	25.38	PASS
16QAM	LCH	25.59	PASS
	MCH	25.46	PASS
	HCH	25.42	PASS
Channel Bandwidth: 10 MHz			
Modulation	Channel	E.i.r.p [dBm]	Verdict
QPSK	LCH	25.36	PASS
	MCH	25.54	PASS
	HCH	25.64	PASS
16QAM	LCH	25.48	PASS
	MCH	25.36	PASS
	HCH	25.45	PASS
Channel Bandwidth: 15 MHz			
Modulation	Channel	E.i.r.p [dBm]	Verdict
QPSK	LCH	25.78	PASS
	MCH	25.45	PASS
	HCH	25.64	PASS
16QAM	LCH	25.53	PASS
	MCH	25.54	PASS
	HCH	25.46	PASS
Channel Bandwidth: 20 MHz			
Modulation	Channel	E.i.r.p [dBm]	Verdict
QPSK	LCH	25.96	PASS
	MCH	25.74	PASS
	HCH	25.56	PASS
16QAM	LCH	25.54	PASS
	MCH	25.45	PASS
	HCH	25.36	PASS

TDD-LTE Band 41

Channel Bandwidth: 5 MHz			
Modulation	Channel	E.i.r.p [dBm]	Verdict
QPSK	LCH	25.46	PASS
	MCH	25.24	PASS
	HCH	25.13	PASS
16QAM	LCH	25.25	PASS
	MCH	25.48	PASS
	HCH	25.36	PASS
Channel Bandwidth: 10 MHz			
Modulation	Channel	E.i.r.p [dBm]	Verdict
QPSK	LCH	25.45	PASS
	MCH	25.41	PASS
	HCH	25.24	PASS
16QAM	LCH	25.24	PASS
	MCH	25.32	PASS
	HCH	25.27	PASS
Channel Bandwidth: 15 MHz			
Modulation	Channel	E.i.r.p [dBm]	Verdict
QPSK	LCH	25.36	PASS
	MCH	25.42	PASS
	HCH	25.25	PASS
16QAM	LCH	25.12	PASS
	MCH	25.36	PASS
	HCH	25.39	PASS
Channel Bandwidth: 20 MHz			
Modulation	Channel	E.i.r.p [dBm]	Verdict
QPSK	LCH	25.33	PASS
	MCH	25.25	PASS
	HCH	25.41	PASS
16QAM	LCH	25.36	PASS
	MCH	25.48	PASS
	HCH	25.24	PASS

FDD-LTE Band 66

Channel Bandwidth: 1.4 MHz			
Modulation	Channel	E.i.r.p [dBm]	Verdict
QPSK	LCH	22.48	PASS
	MCH	22.13	PASS
	HCH	22.25	PASS
16QAM	LCH	22.31	PASS
	MCH	22.15	PASS
	HCH	22.54	PASS
Channel Bandwidth: 3 MHz			
Modulation	Channel	E.i.r.p [dBm]	Verdict
QPSK	LCH	22.33	PASS
	MCH	22.44	PASS
	HCH	22.28	PASS
16QAM	LCH	22.36	PASS
	MCH	22.54	PASS
	HCH	22.41	PASS
Channel Bandwidth: 5 MHz			
Modulation	Channel	E.i.r.p [dBm]	Verdict
QPSK	LCH	22.39	PASS
	MCH	22.24	PASS
	HCH	22.26	PASS
16QAM	LCH	22.36	PASS
	MCH	22.45	PASS
	HCH	22.36	PASS
Channel Bandwidth: 10 MHz			
Modulation	Channel	E.i.r.p [dBm]	Verdict
QPSK	LCH	22.45	PASS
	MCH	22.26	PASS
	HCH	22.36	PASS
16QAM	LCH	22.54	PASS
	MCH	22.12	PASS
	HCH	22.25	PASS

Channel Bandwidth: 15 MHz			
Modulation	Channel	E.i.r.p [dBm]	Verdict
QPSK	LCH	22.46	PASS
	MCH	22.28	PASS
	HCH	22.46	PASS
16QAM	LCH	22.23	PASS
	MCH	22.25	PASS
	HCH	22.45	PASS
Channel Bandwidth: 20 MHz			
Modulation	Channel	E.i.r.p [dBm]	Verdict
QPSK	LCH	22.45	PASS
	MCH	22.32	PASS
	HCH	22.12	PASS
16QAM	LCH	22.46	PASS
	MCH	22.45	PASS
	HCH	22.28	PASS

TDD-LTE Band 71

Channel Bandwidth: 5 MHz			
Modulation	Channel	E.r.p [dBm]	Verdict
QPSK	LCH	21.16	PASS
	MCH	21.25	PASS
	HCH	21.13	PASS
16QAM	LCH	21.15	PASS
	MCH	21.25	PASS
	HCH	21.23	PASS
Channel Bandwidth: 10 MHz			
Modulation	Channel	E.r.p [dBm]	Verdict
QPSK	LCH	21.05	PASS
	MCH	21.12	PASS
	HCH	21.21	PASS
16QAM	LCH	21.15	PASS
	MCH	21.26	PASS
	HCH	21.14	PASS
Channel Bandwidth: 15 MHz			
Modulation	Channel	E.r.p [dBm]	Verdict
QPSK	LCH	21.12	PASS
	MCH	21.05	PASS
	HCH	21.15	PASS
16QAM	LCH	21.18	PASS
	MCH	21.23	PASS
	HCH	21.12	PASS
Channel Bandwidth: 20 MHz			
Modulation	Channel	E.r.p [dBm]	Verdict
QPSK	LCH	21.06	PASS
	MCH	21.12	PASS
	HCH	21.13	PASS
16QAM	LCH	21.02	PASS
	MCH	21.26	PASS
	HCH	21.24	PASS

Max. Conducted Output Power

The test data refer to the modular (FCC ID: XMR2022RG520NNA)

Test result: Pass

4. Spurious Radiated Emissions

4.1 Standard Applicable

According to §22.917(a), the power of any emissions 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.

According to §24.238(a), 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.

According to §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 log10 (P) dB.

According to §27.53(g) 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.

4.2 Test Procedure

1. The setup of EUT is according with per ANSI/TIA-603-E and ANSI C63.4-2014 measurement procedure.
2. The measurement antenna was placed at a distance of 3 meters from the EUT. During the tests, the antenna height and polarization as well as EUT azimuth were varied in order to identify the maximum level of emissions from the EUT. The test was performed by placing the EUT on 3-orthogonal axis.
3. The frequency range up to tenth harmonic of the fundamental frequency was investigated.
4. Remove the EUT and replace it with substitution antenna. A signal generator was connected to the substitution antenna by a non-radiating cable. The absolute levels of the spurious emissions were measured by the substitution.

Spurious attenuation limit in dB =43+10 Log_{10} (power out in Watts)

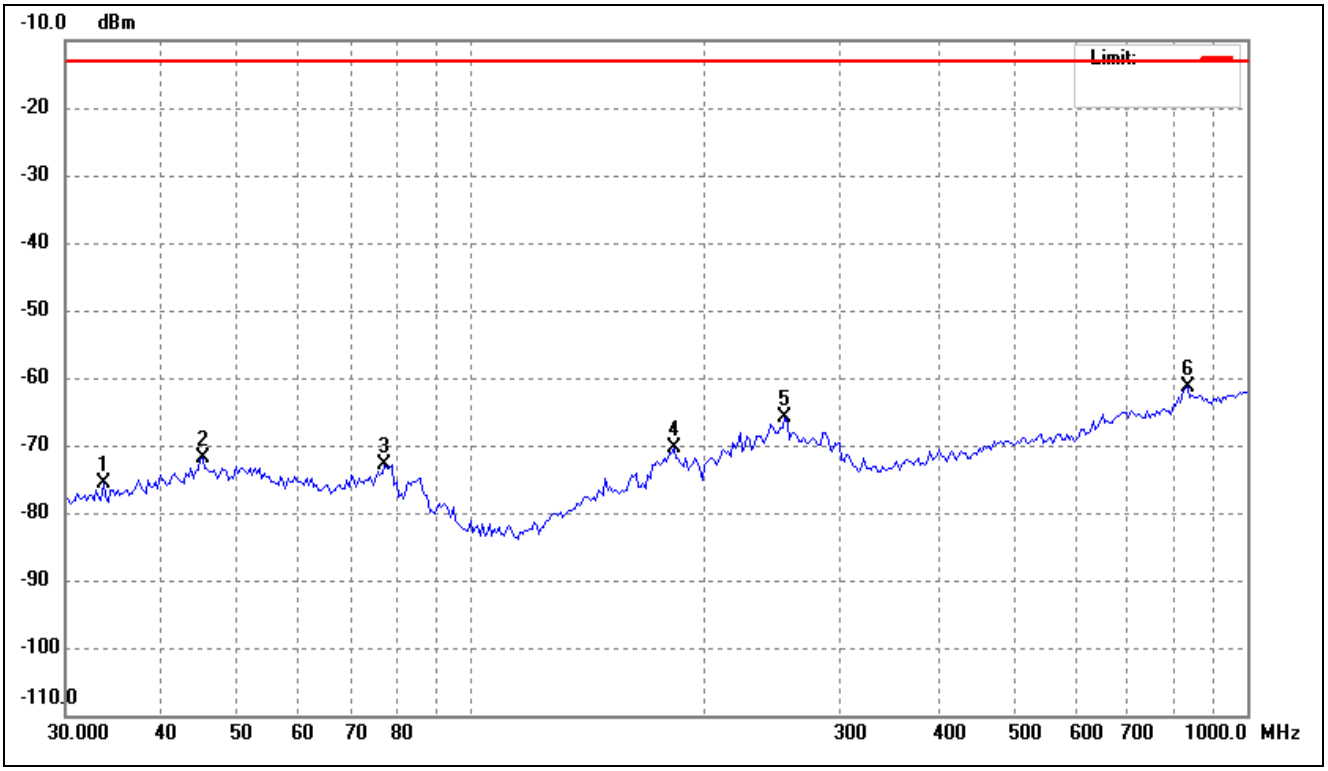
4.3 Summary of Test Results/Plots

Note: 1. this EUT was tested in 3 orthogonal positions and the worst case position data was reported.

2. All test modes (different bandwidth and different modulation) are performed, but only the worst case is recorded in this report.

➢ Spurious Emissions Below 1GHz

Test Mode	FDD_LTE Band 2	Polarity:	Horizontal

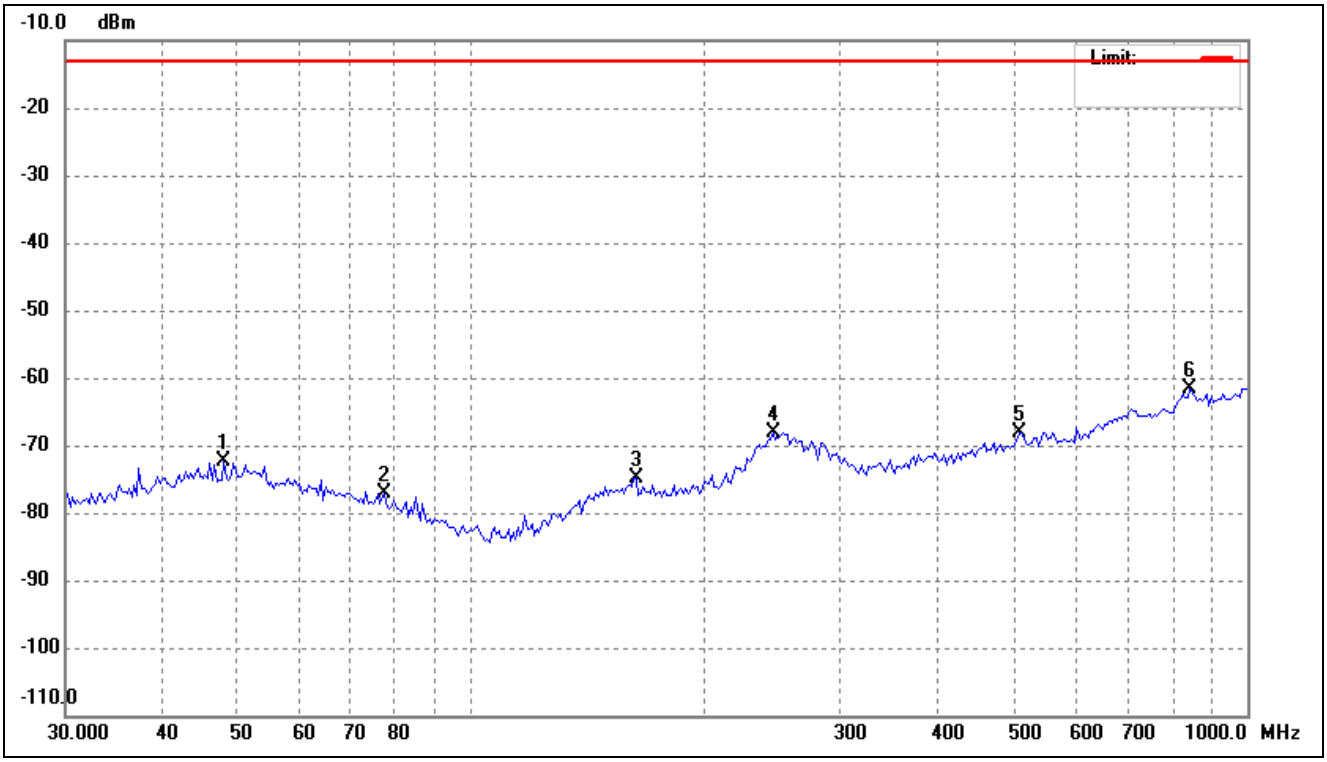


No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBm)	dB	(dBm)	(dBm)	(dB)	
1	33.5700	-77.59	1.94	-75.65	-13.00	-62.65	ERP
2	45.0951	-74.91	3.03	-71.88	-13.00	-58.88	ERP
3	77.4680	-72.68	-0.24	-72.92	-13.00	-59.92	ERP
4	182.5785	-71.19	0.85	-70.34	-13.00	-57.34	ERP
5	254.0312	-74.11	8.21	-65.90	-13.00	-52.90	ERP
6	838.8870	-74.93	13.50	-61.43	-13.00	-48.43	ERP

Test Mode	FDD_LTE Band 2	Polarity:	Vertical

No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBm)	dB	(dBm)	(dBm)	(dB)	
1	47.3688	-70.03	3.25	-66.78	-13.00	-53.78	ERP
2	75.8520	-67.87	1.52	-66.35	-13.00	-53.35	ERP
3	166.6385	-69.69	6.76	-62.93	-13.00	-49.93	ERP
4	290.3170	-75.82	2.84	-72.98	-13.00	-59.98	ERP
5	527.5707	-74.76	7.63	-67.13	-13.00	-54.13	ERP
6	781.9606	-75.15	12.20	-62.95	-13.00	-49.95	ERP

Test Mode	FDD_LTE Band 4	Polarity:	Horizontal

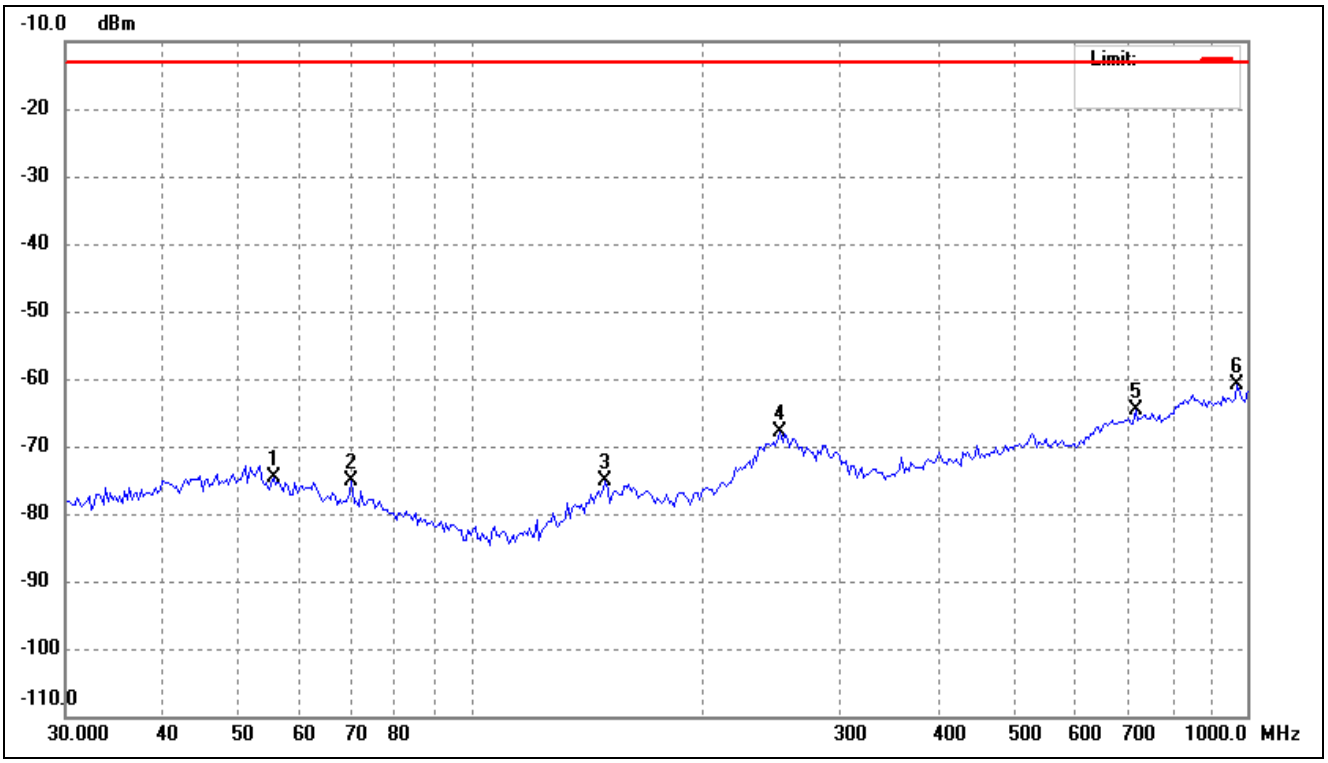


No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBm)	dB	(dBm)	(dBm)	(dB)	
1	48.0392	-75.80	3.31	-72.49	-13.00	-59.49	ERP
2	77.4680	-76.92	-0.24	-77.16	-13.00	-64.16	ERP
3	163.1623	-75.80	0.98	-74.82	-13.00	-61.82	ERP
4	245.2606	-75.97	7.74	-68.23	-13.00	-55.23	ERP
5	509.3559	-75.57	7.37	-68.20	-13.00	-55.20	ERP
6	844.8028	-75.23	13.63	-61.60	-13.00	-48.60	ERP

Test Mode	FDD_LTE Band 4	Polarity:	Vertical

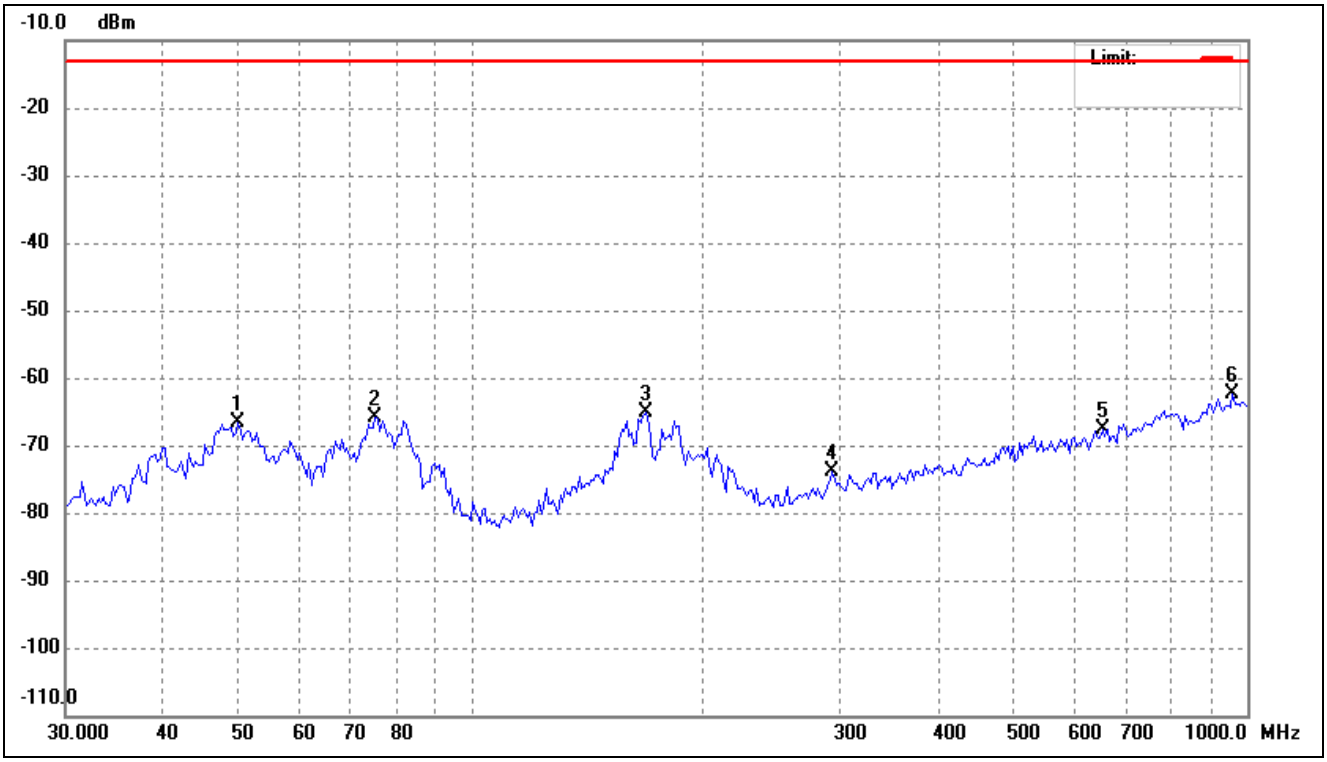
No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBm)	dB	(dBm)	(dBm)	(dB)	
1	49.0627	-70.08	3.41	-66.67	-13.00	-53.67	ERP
2	76.9256	-66.06	1.23	-64.83	-13.00	-51.83	ERP
3	168.9970	-71.55	6.35	-65.20	-13.00	-52.20	ERP
4	216.1197	-73.98	1.12	-72.86	-13.00	-59.86	ERP
5	406.7820	-76.88	5.49	-71.39	-13.00	-58.39	ERP
6	798.6205	-76.09	12.62	-63.47	-13.00	-50.47	ERP

Test Mode	FDD_LTE Band 5	Polarity:	Horizontal



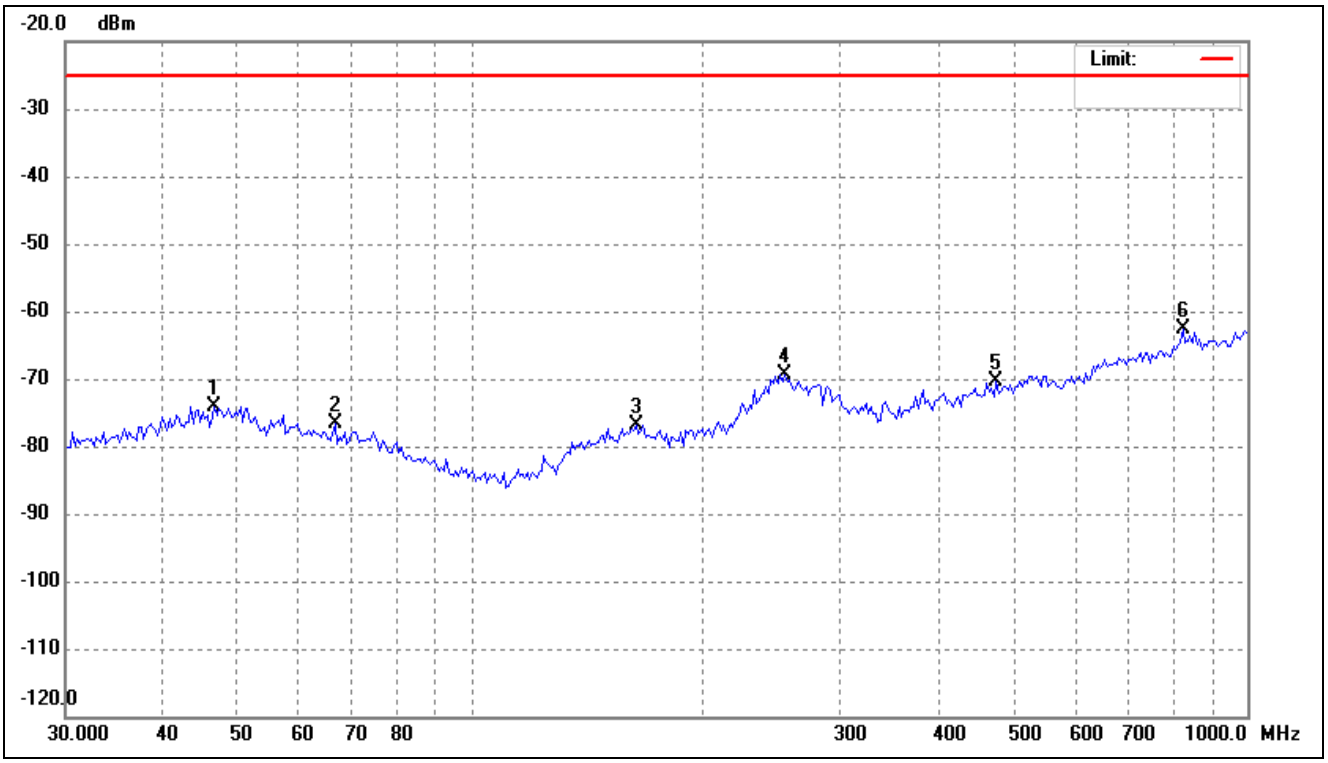
No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBm)	dB	(dBm)	(dBm)	(dB)	
1	55.6782	-77.44	2.81	-74.63	-13.00	-61.63	ERP
2	70.2096	-76.21	1.03	-75.18	-13.00	-62.18	ERP
3	148.9175	-75.91	0.75	-75.16	-13.00	-62.16	ERP
4	250.4859	-76.49	8.51	-67.98	-13.00	-54.98	ERP
5	718.7246	-75.72	11.06	-64.66	-13.00	-51.66	ERP
6	972.2827	-74.76	13.81	-60.95	-13.00	-47.95	ERP

Test Mode	FDD_LTE Band 5	Polarity:	Vertical



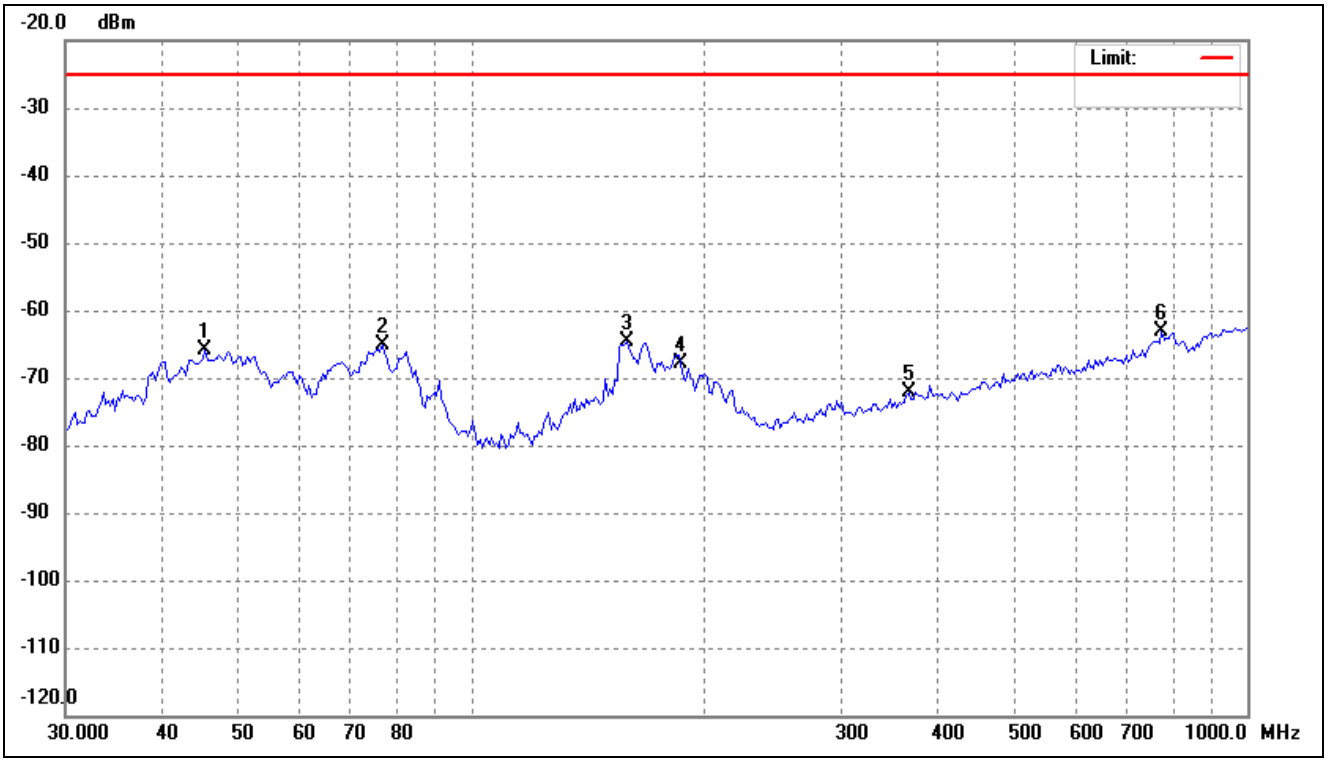
No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBm)	dB	(dBm)	(dBm)	(dB)	
1	50.1080	-70.14	3.50	-66.64	-13.00	-53.64	ERP
2	75.3208	-67.42	1.66	-65.76	-13.00	-52.76	ERP
3	167.8136	-71.57	6.55	-65.02	-13.00	-52.02	ERP
4	292.3643	-76.77	2.94	-73.83	-13.00	-60.83	ERP
5	651.3831	-77.06	9.48	-67.58	-13.00	-54.58	ERP
6	958.7135	-74.95	12.69	-62.26	-13.00	-49.26	ERP

Test Mode	FDD_LTE Band 7	Polarity:	Horizontal



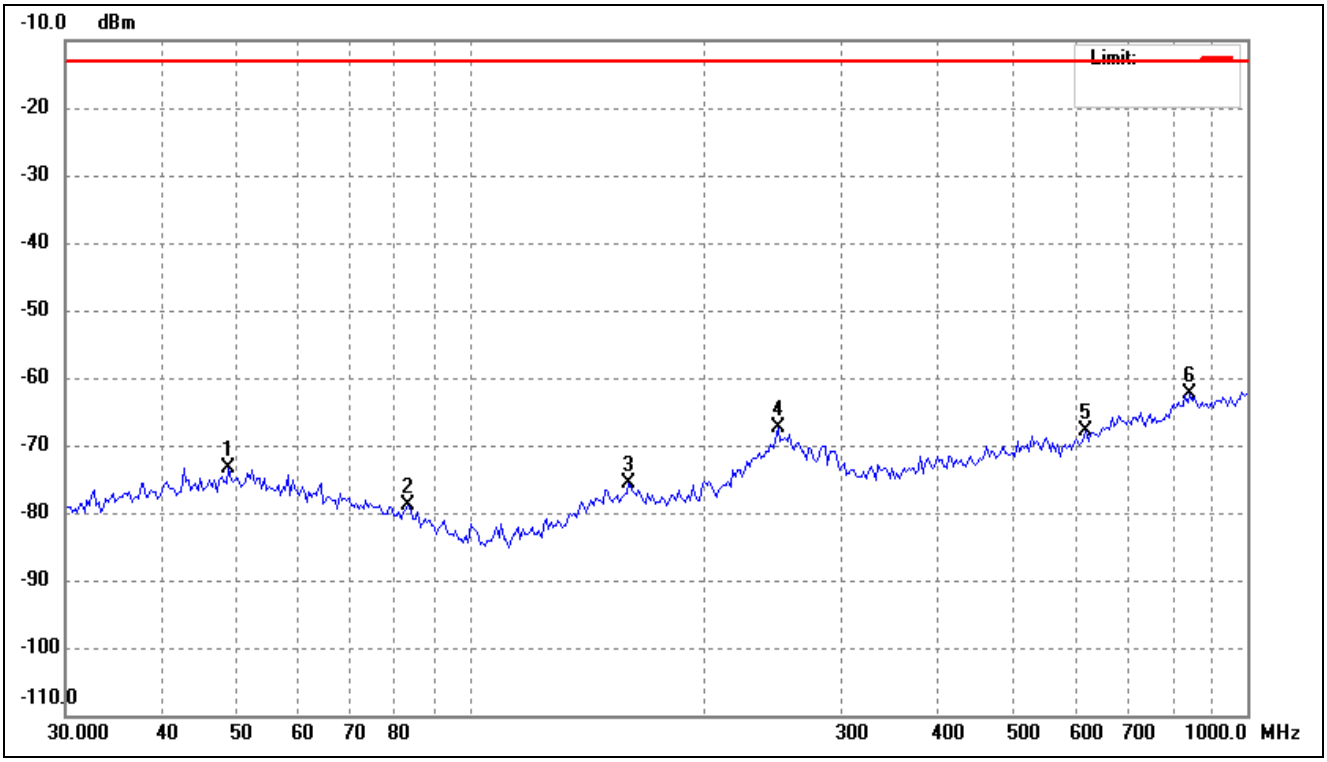
No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBm)	dB	(dBm)	(dBm)	(dB)	
1	46.7077	-77.21	3.19	-74.02	-25.00	-49.02	ERP
2	66.8395	-77.95	1.45	-76.50	-25.00	-51.50	ERP
3	163.1623	-77.82	0.98	-76.84	-25.00	-51.84	ERP
4	254.0312	-77.59	8.21	-69.38	-25.00	-44.38	ERP
5	474.7913	-76.91	6.62	-70.29	-25.00	-45.29	ERP
6	827.1795	-75.94	13.24	-62.70	-25.00	-37.70	ERP

Test Mode	FDD_LTE Band 7	Polarity:	Vertical



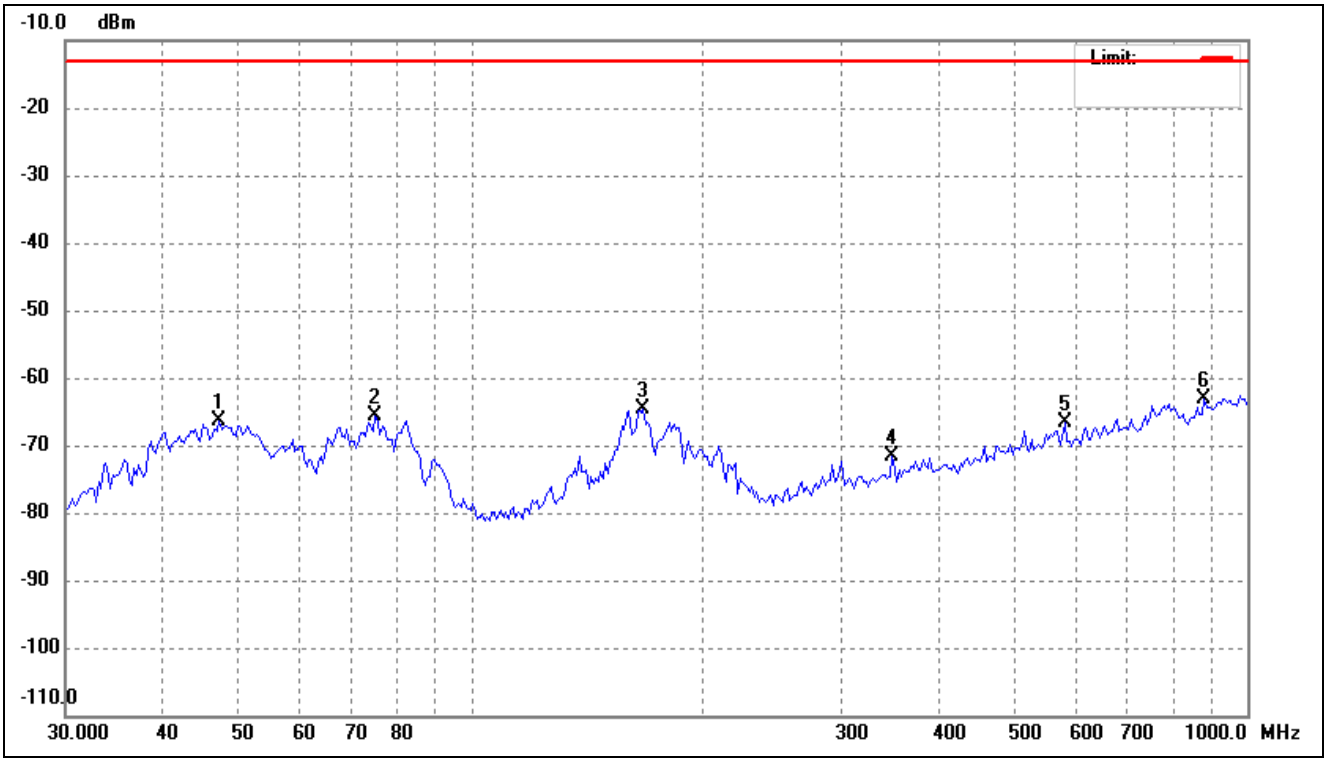
No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBm)	dB	(dBm)	(dBm)	(dB)	
1	45.4131	-68.94	3.06	-65.88	-25.00	-40.88	ERP
2	76.9256	-66.42	1.23	-65.19	-25.00	-40.19	ERP
3	158.6399	-72.01	7.39	-64.62	-25.00	-39.62	ERP
4	186.4684	-71.36	3.39	-67.97	-25.00	-42.97	ERP
5	366.0866	-76.71	4.67	-72.04	-25.00	-47.04	ERP
6	776.4849	-75.11	12.06	-63.05	-25.00	-38.05	ERP

Test Mode	FDD_LTE Band 12	Polarity:	Horizontal



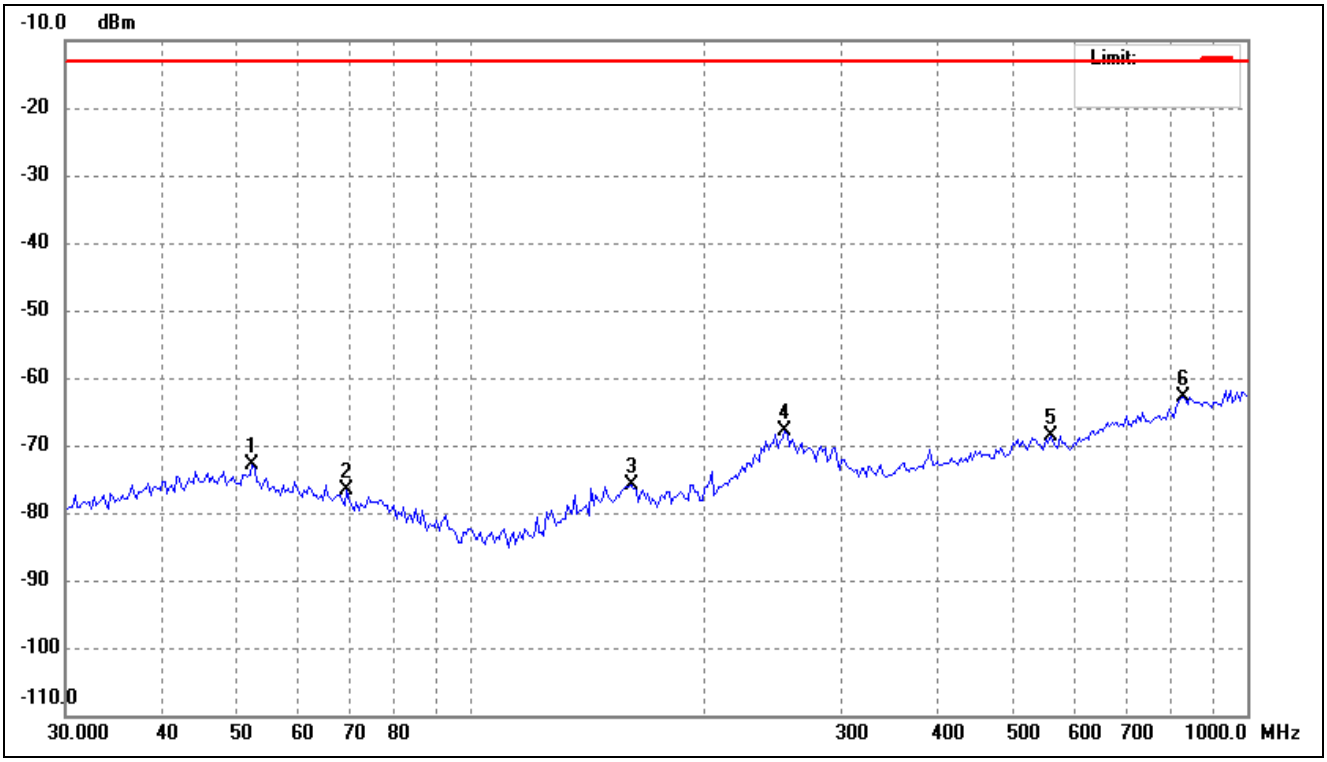
No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBm)	dB	(dBm)	(dBm)	(dB)	
1	48.7191	-76.72	3.38	-73.34	-13.00	-60.34	ERP
2	83.1077	-77.66	-1.23	-78.89	-13.00	-65.89	ERP
3	159.7586	-76.61	0.98	-75.63	-13.00	-62.63	ERP
4	248.7319	-75.82	8.33	-67.49	-13.00	-54.49	ERP
5	620.1167	-76.55	8.75	-67.80	-13.00	-54.80	ERP
6	844.8028	-76.10	13.63	-62.47	-13.00	-49.47	ERP

Test Mode	FDD_LTE Band 12	Polarity:	Vertical



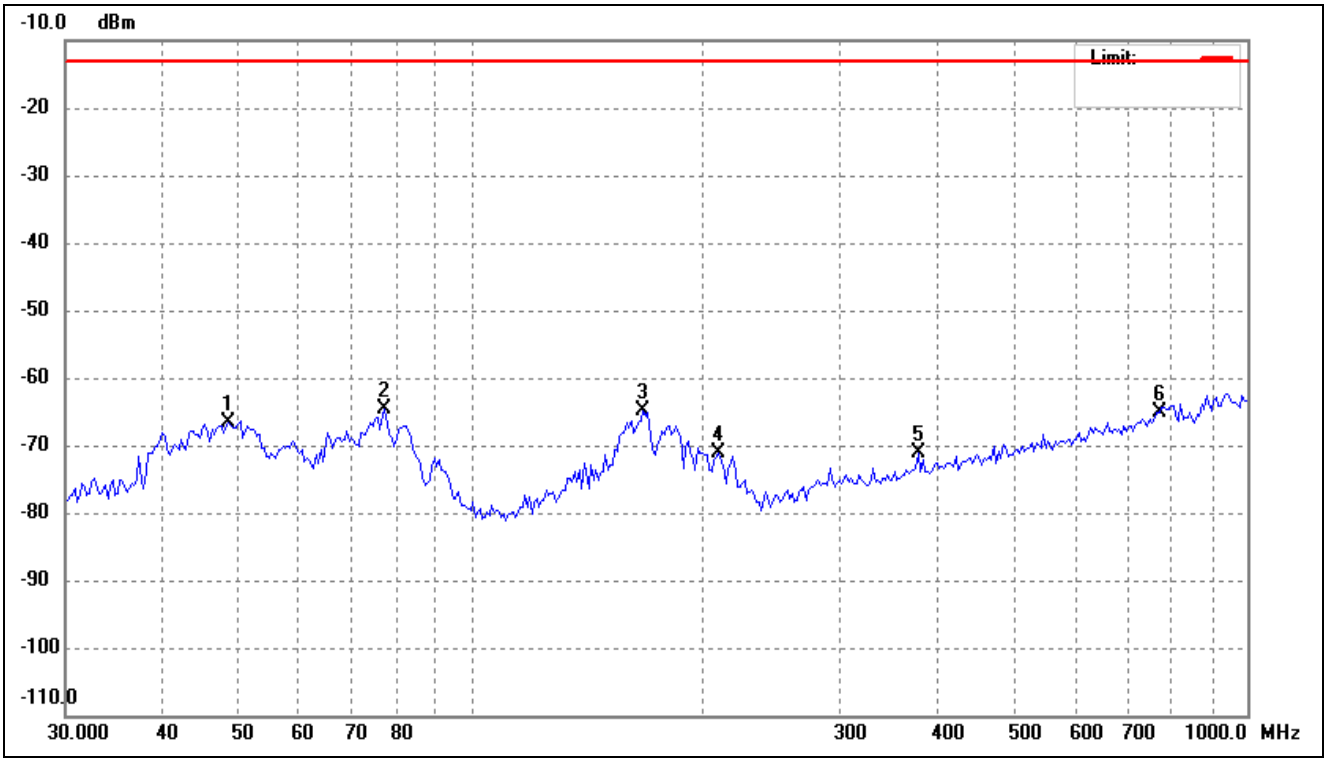
No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBm)	dB	(dBm)	(dBm)	(dB)	
1	47.3688	-69.68	3.25	-66.43	-13.00	-53.43	ERP
2	75.3208	-67.21	1.66	-65.55	-13.00	-52.55	ERP
3	166.6385	-71.48	6.76	-64.72	-13.00	-51.72	ERP
4	348.5145	-75.98	4.31	-71.67	-13.00	-58.67	ERP
5	582.1122	-75.26	8.53	-66.73	-13.00	-53.73	ERP
6	881.1838	-75.17	12.10	-63.07	-13.00	-50.07	ERP

Test Mode	FDD_LTE Band 13	Polarity:	Horizontal



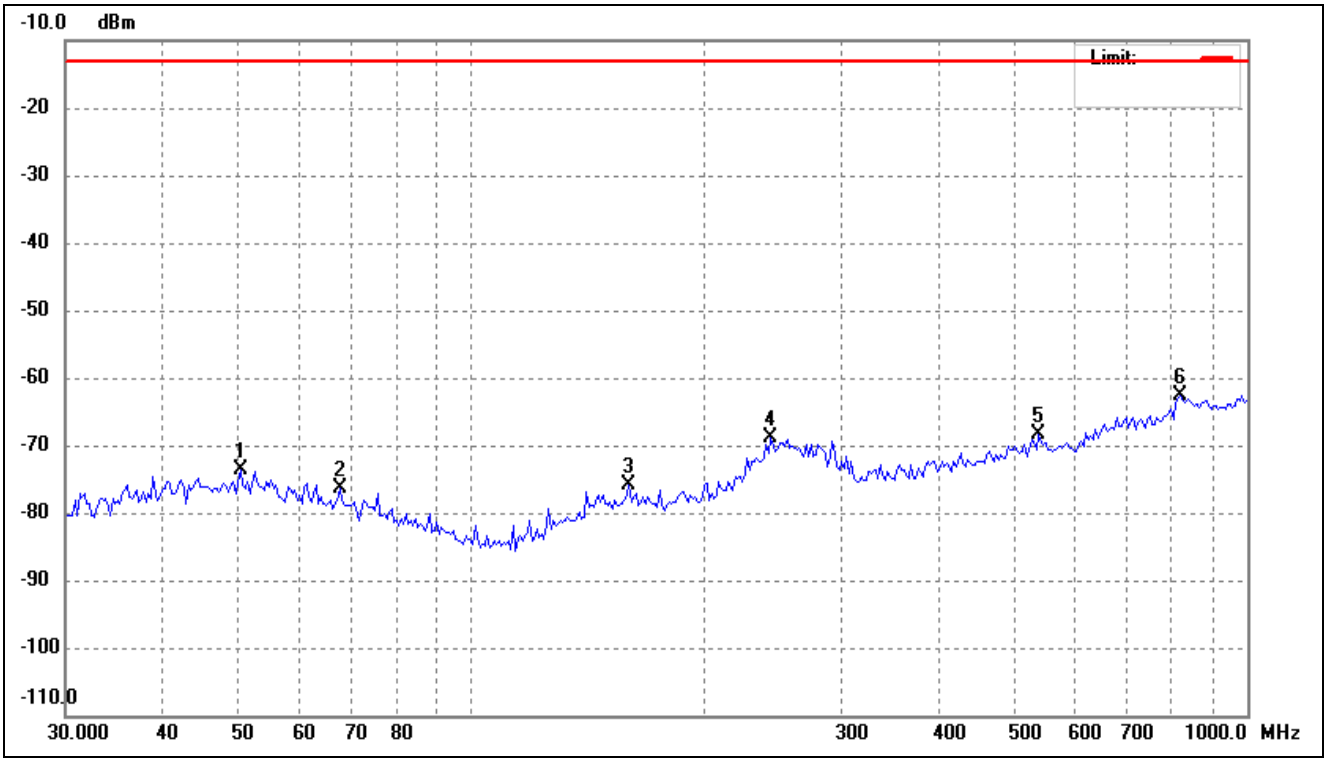
No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBm)	dB	(dBm)	(dBm)	(dB)	
1	52.2659	-76.08	3.22	-72.86	-13.00	-59.86	ERP
2	69.2297	-77.79	1.16	-76.63	-13.00	-63.63	ERP
3	160.8852	-76.94	0.98	-75.96	-13.00	-62.96	ERP
4	254.0312	-76.20	8.21	-67.99	-13.00	-54.99	ERP
5	558.0788	-76.34	7.81	-68.53	-13.00	-55.53	ERP
6	827.1795	-76.11	13.24	-62.87	-13.00	-49.87	ERP

Test Mode	FDD_LTE Band 13	Polarity:	Vertical



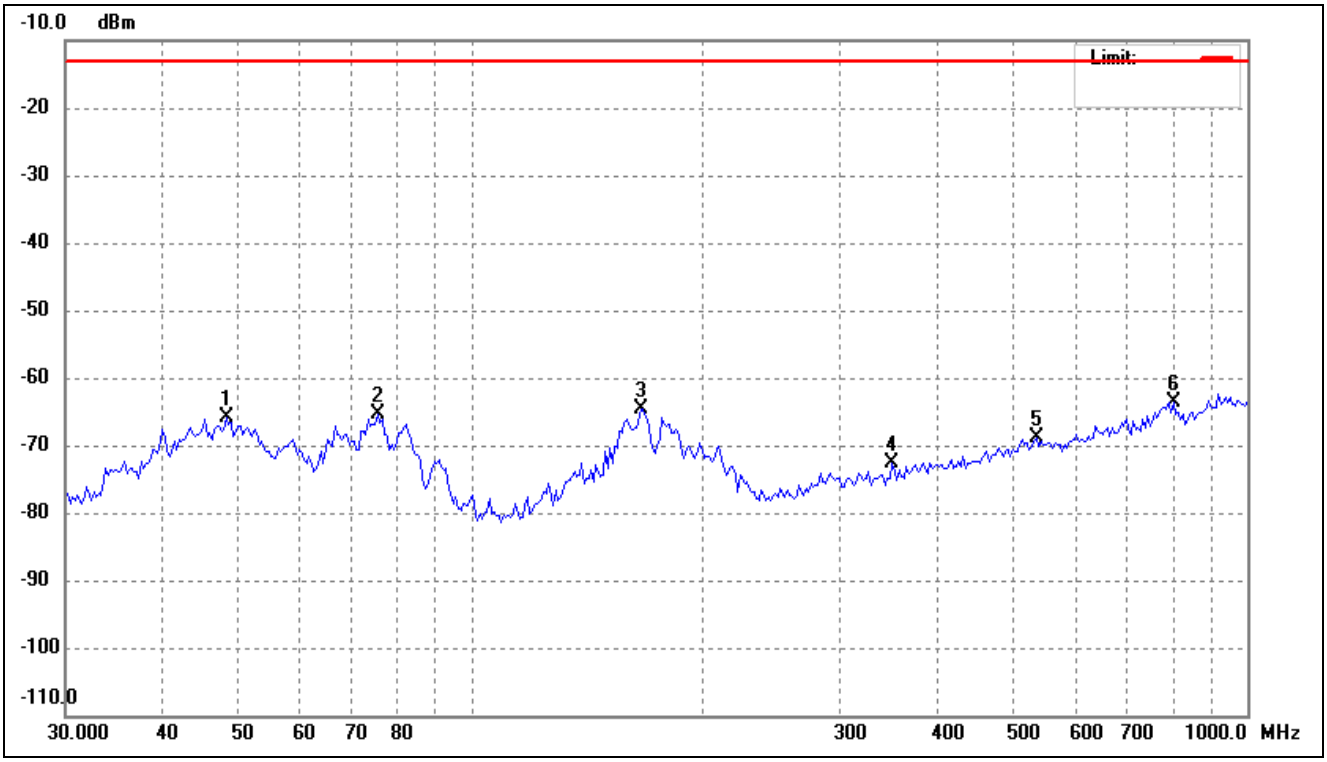
No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBm)	dB	(dBm)	(dBm)	(dB)	
1	48.7191	-70.03	3.38	-66.65	-13.00	-53.65	ERP
2	77.4680	-65.79	1.08	-64.71	-13.00	-51.71	ERP
3	166.6385	-71.74	6.76	-64.98	-13.00	-51.98	ERP
4	208.6580	-72.18	1.17	-71.01	-13.00	-58.01	ERP
5	376.5228	-76.11	4.89	-71.22	-13.00	-58.22	ERP
6	771.0475	-76.97	11.92	-65.05	-13.00	-52.05	ERP

Test Mode	FDD_LTE Band 17	Polarity:	Horizontal



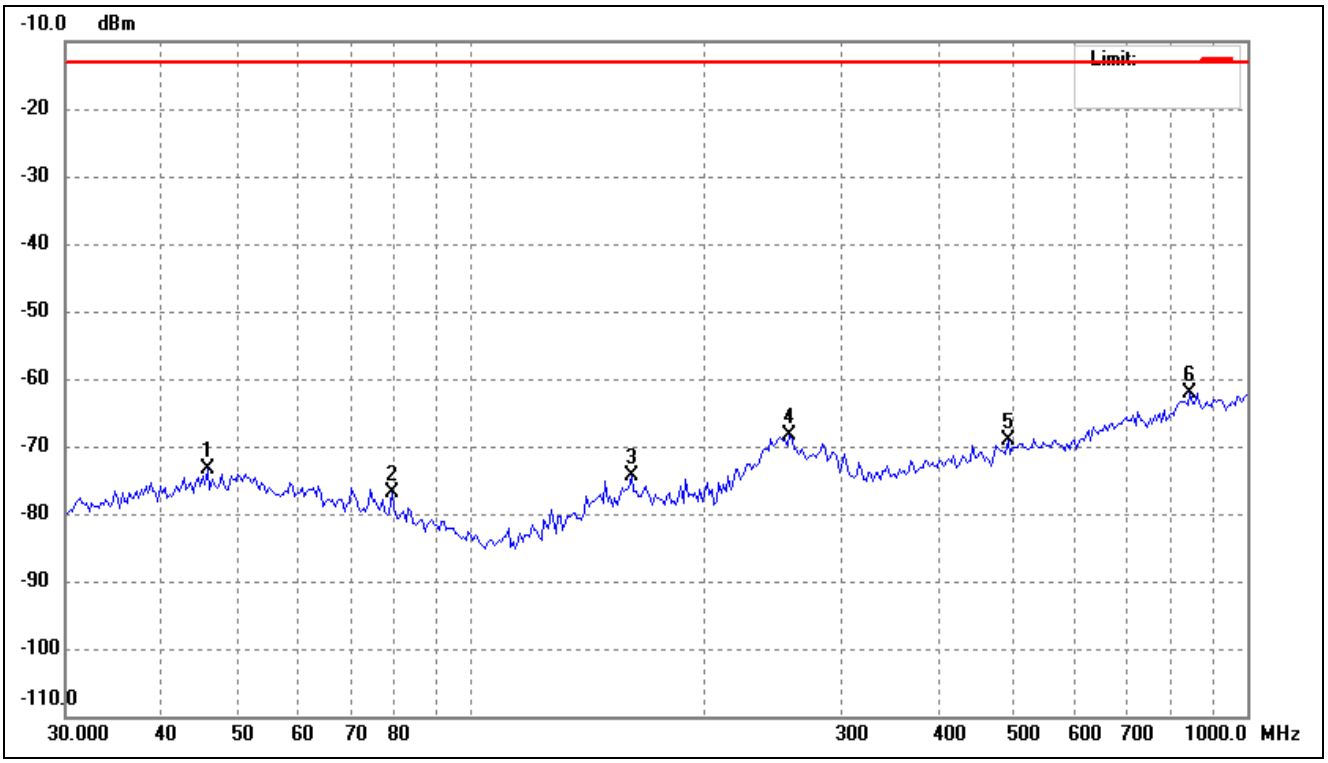
No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBm)	dB	(dBm)	(dBm)	(dB)	
1	50.4614	-77.14	3.44	-73.70	-13.00	-60.70	ERP
2	67.7856	-77.70	1.34	-76.36	-13.00	-63.36	ERP
3	159.7586	-76.88	0.98	-75.90	-13.00	-62.90	ERP
4	243.5431	-76.41	7.44	-68.97	-13.00	-55.97	ERP
5	538.8107	-76.08	7.64	-68.44	-13.00	-55.44	ERP
6	821.3871	-75.58	12.97	-62.61	-13.00	-49.61	ERP

Test Mode	FDD_LTE Band 17	Polarity:	Vertical



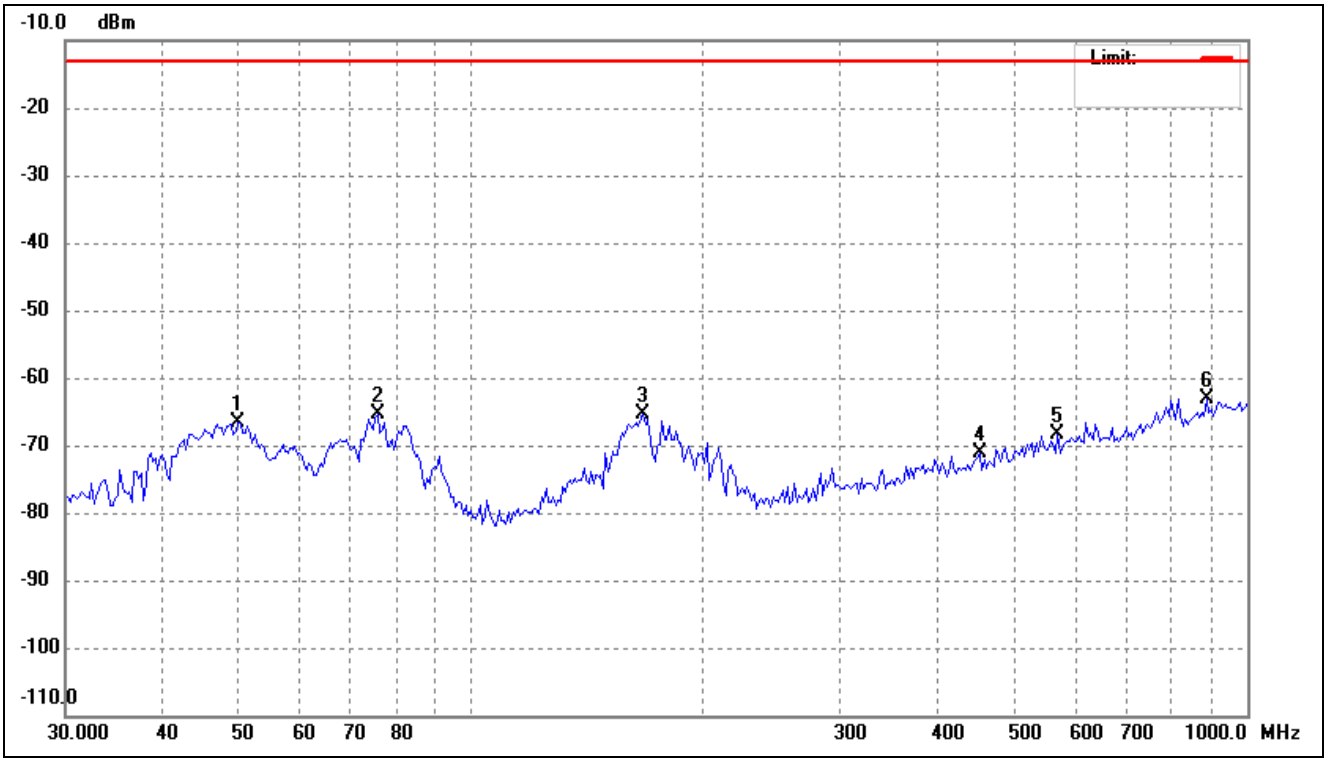
No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBm)	dB	(dBm)	(dBm)	(dB)	
1	48.3780	-69.34	3.35	-65.99	-13.00	-52.99	ERP
2	75.8520	-66.98	1.52	-65.46	-13.00	-52.46	ERP
3	165.4716	-71.46	6.96	-64.50	-13.00	-51.50	ERP
4	348.5145	-76.86	4.31	-72.55	-13.00	-59.55	ERP
5	535.0377	-76.59	7.75	-68.84	-13.00	-55.84	ERP
6	804.2523	-76.03	12.43	-63.60	-13.00	-50.60	ERP

Test Mode	FDD_LTE Band 25	Polarity:	Horizontal



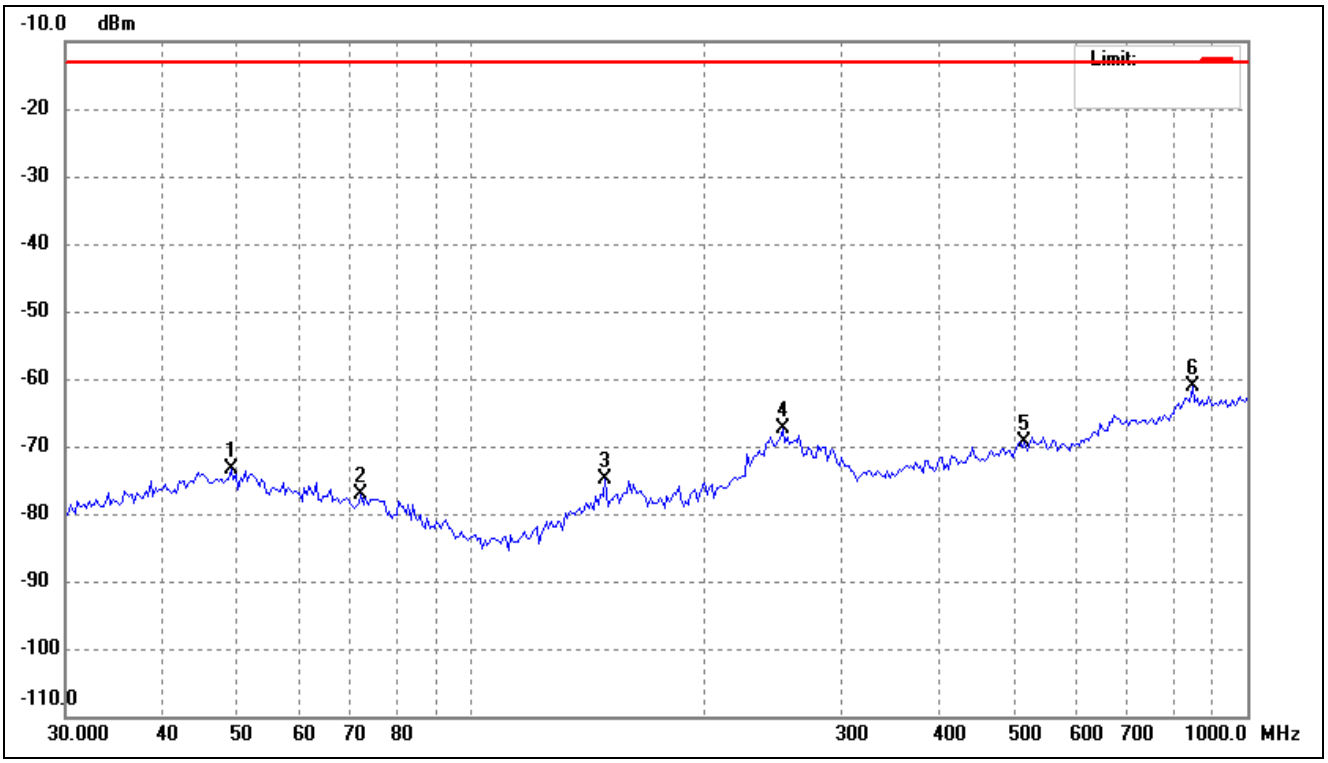
No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBm)	dB	(dBm)	(dBm)	(dB)	
1	45.7333	-76.44	3.09	-73.35	-13.00	-60.35	ERP
2	79.1185	-76.31	-0.53	-76.84	-13.00	-63.84	ERP
3	160.8852	-75.34	0.98	-74.36	-13.00	-61.36	ERP
4	257.6266	-76.41	7.92	-68.49	-13.00	-55.49	ERP
5	491.7700	-76.24	7.07	-69.17	-13.00	-56.17	ERP
6	844.8028	-75.65	13.63	-62.02	-13.00	-49.02	ERP

Test Mode	FDD_LTE Band 25	Polarity:	Vertical



No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBm)	dB	(dBm)	(dBm)	(dB)	
1	50.1080	-70.11	3.50	-66.61	-13.00	-53.61	ERP
2	75.8520	-66.86	1.52	-65.34	-13.00	-52.34	ERP
3	166.6385	-72.19	6.76	-65.43	-13.00	-52.43	ERP
4	452.0013	-77.43	6.31	-71.12	-13.00	-58.12	ERP
5	569.9688	-76.64	8.33	-68.31	-13.00	-55.31	ERP
6	887.3978	-75.32	12.15	-63.17	-13.00	-50.17	ERP

Test Mode	FDD_LTE Band 26	Polarity:	Horizontal

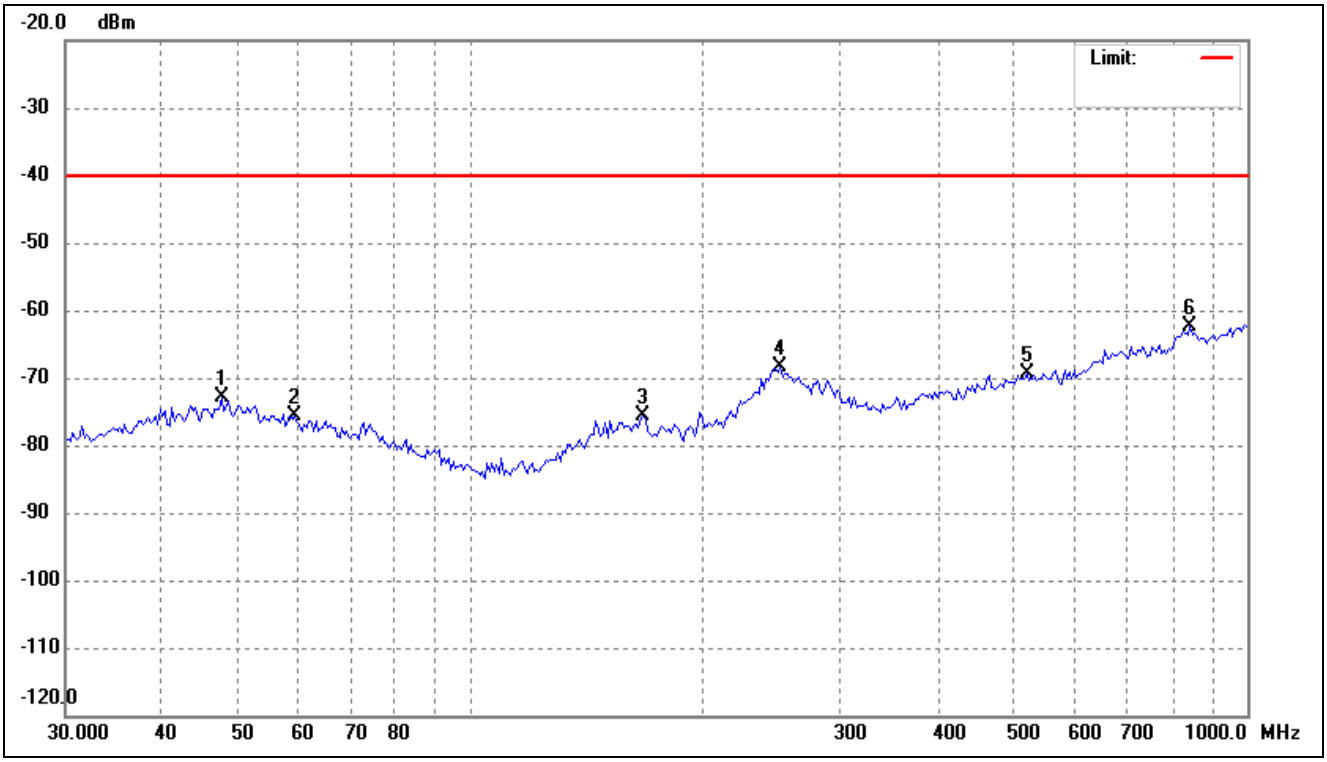


No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBm)	dB	(dBm)	(dBm)	(dB)	
1	49.0627	-76.82	3.41	-73.41	-13.00	-60.41	ERP
2	72.2111	-77.69	0.68	-77.01	-13.00	-64.01	ERP
3	148.9175	-75.64	0.75	-74.89	-13.00	-61.89	ERP
4	252.2523	-75.75	8.36	-67.39	-13.00	-54.39	ERP
5	516.5651	-76.73	7.44	-69.29	-13.00	-56.29	ERP
6	850.7603	-74.83	13.61	-61.22	-13.00	-48.22	ERP

Test Mode	FDD_LTE Band 26	Polarity:	Vertical

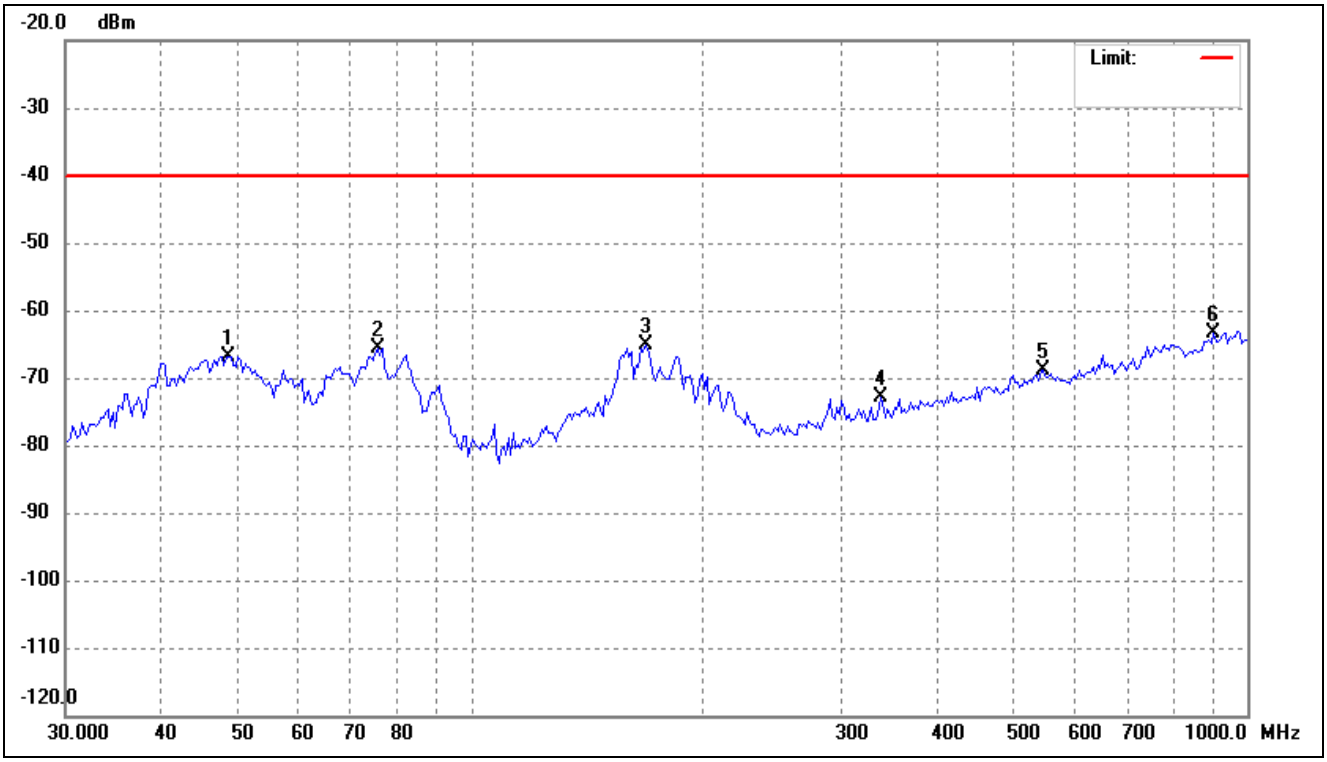
No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBm)	dB	(dBm)	(dBm)	(dB)	
1	47.3688	-69.39	3.25	-66.14	-13.00	-53.14	ERP
2	77.4680	-65.82	1.08	-64.74	-13.00	-51.74	ERP
3	166.6385	-71.64	6.76	-64.88	-13.00	-51.88	ERP
4	216.1197	-73.68	1.12	-72.56	-13.00	-59.56	ERP
5	655.9766	-76.45	9.54	-66.91	-13.00	-53.91	ERP
6	938.7139	-74.92	12.54	-62.38	-13.00	-49.38	ERP

Test Mode	FDD_LTE Band 30	Polarity:	Horizontal



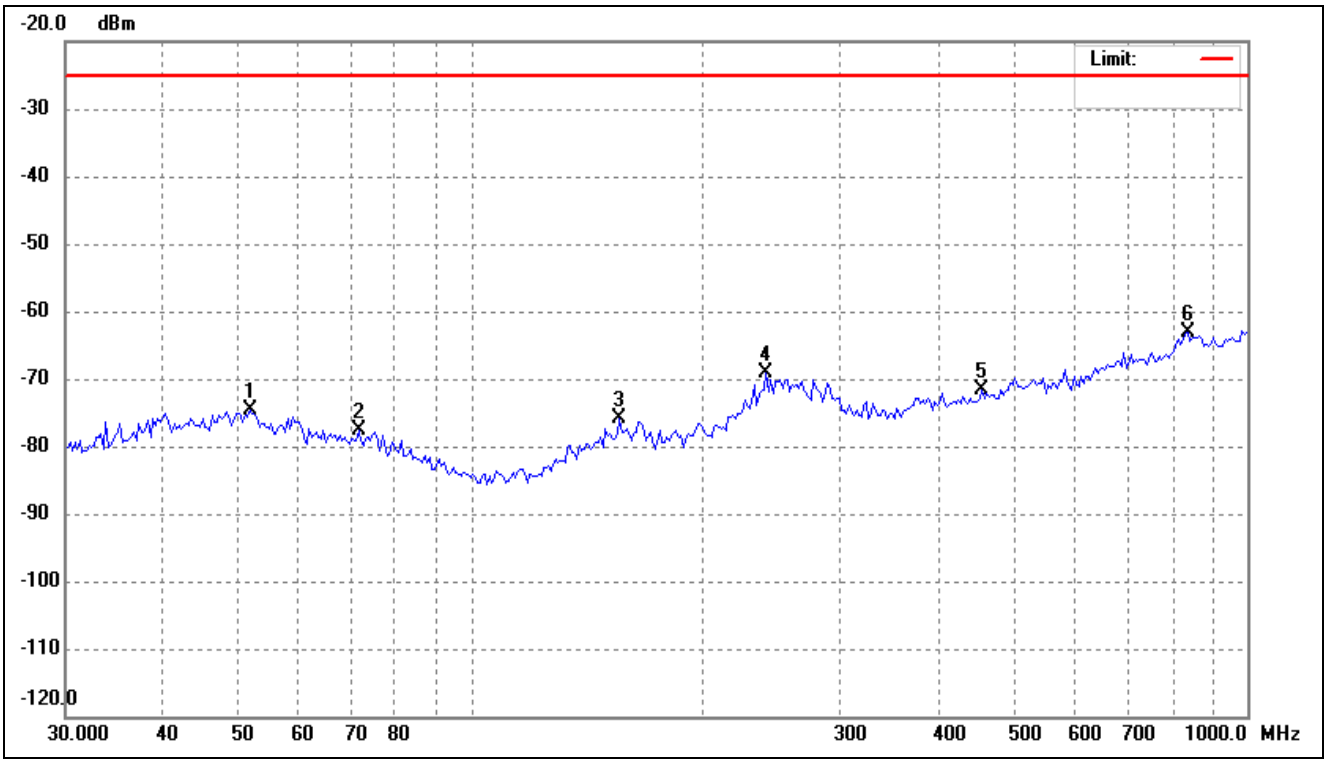
No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBm)	dB	(dBm)	(dBm)	(dB)	
1	47.7028	-76.27	3.28	-72.99	-40.00	-32.99	ERP
2	59.3133	-77.99	2.37	-75.62	-40.00	-35.62	ERP
3	166.6385	-76.66	0.98	-75.68	-40.00	-35.68	ERP
4	250.4859	-76.96	8.51	-68.45	-40.00	-28.45	ERP
5	520.2079	-76.87	7.47	-69.40	-40.00	-29.40	ERP
6	844.8028	-75.89	13.63	-62.26	-40.00	-22.26	ERP

Test Mode	FDD_LTE Band 30	Polarity:	Vertical



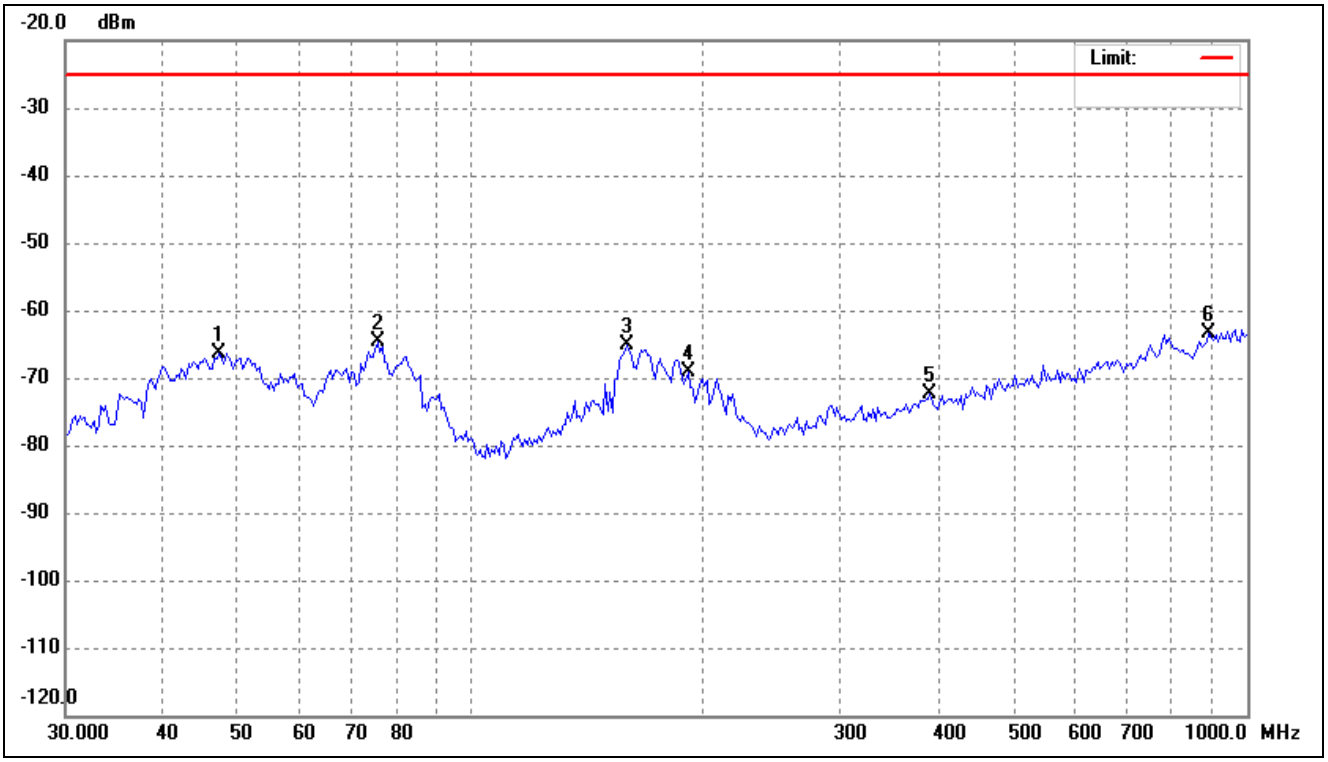
No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBm)	dB	(dBm)	(dBm)	(dB)	
1	48.7191	-70.14	3.38	-66.76	-40.00	-26.76	ERP
2	75.8520	-67.05	1.52	-65.53	-40.00	-25.53	ERP
3	167.8136	-71.77	6.55	-65.22	-40.00	-25.22	ERP
4	336.4817	-76.91	4.06	-72.85	-40.00	-32.85	ERP
5	546.4368	-76.74	7.94	-68.80	-40.00	-28.80	ERP
6	906.3041	-75.59	12.29	-63.30	-40.00	-23.30	ERP

Test Mode	TDD_LTE Band 38	Polarity:	Horizontal



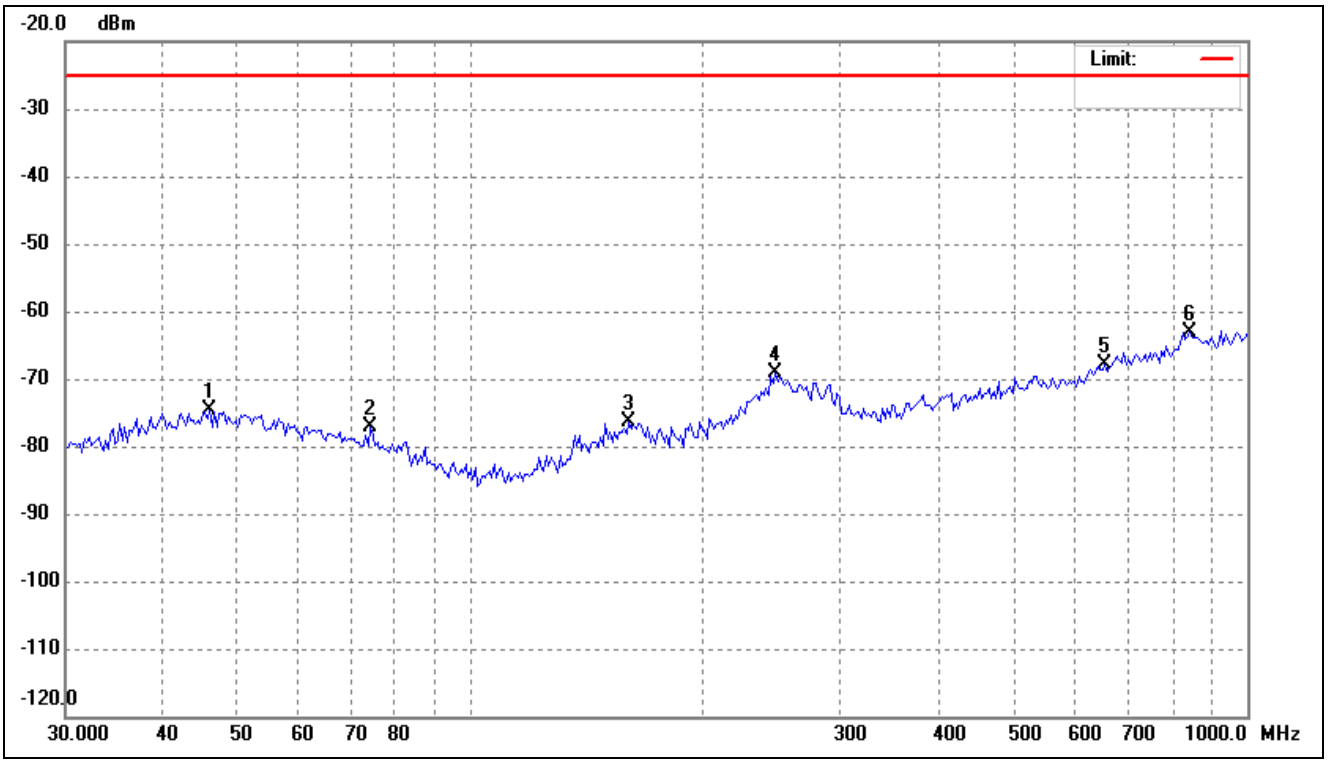
No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBm)	dB	(dBm)	(dBm)	(dB)	
1	51.8999	-77.89	3.27	-74.62	-25.00	-49.62	ERP
2	71.7054	-78.47	0.77	-77.70	-25.00	-52.70	ERP
3	155.3305	-76.90	0.93	-75.97	-25.00	-50.97	ERP
4	240.1442	-75.87	6.86	-69.01	-25.00	-44.01	ERP
5	455.1888	-77.65	6.10	-71.55	-25.00	-46.55	ERP
6	838.8870	-76.62	13.50	-63.12	-25.00	-38.12	ERP

Test Mode	TDD_LTE Band 38	Polarity:	Vertical



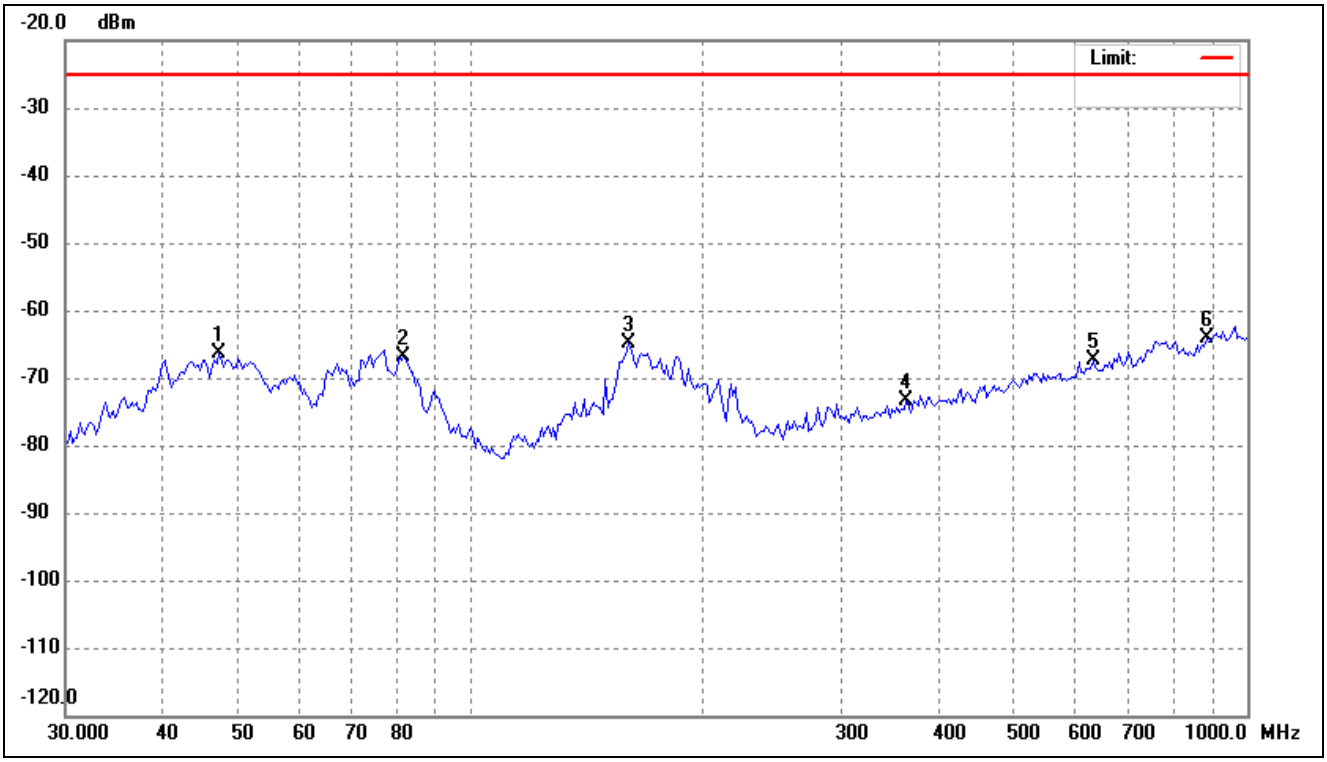
No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBm)	dB	(dBm)	(dBm)	(dB)	
1	47.3688	-69.55	3.25	-66.30	-25.00	-41.30	ERP
2	75.8520	-66.03	1.52	-64.51	-25.00	-39.51	ERP
3	158.6399	-72.48	7.39	-65.09	-25.00	-40.09	ERP
4	190.4411	-71.78	2.76	-69.02	-25.00	-44.02	ERP
5	389.9874	-77.41	5.16	-72.25	-25.00	-47.25	ERP
6	893.6557	-75.47	12.20	-63.27	-25.00	-38.27	ERP

Test Mode	TDD_LTE Band 41	Polarity:	Horizontal



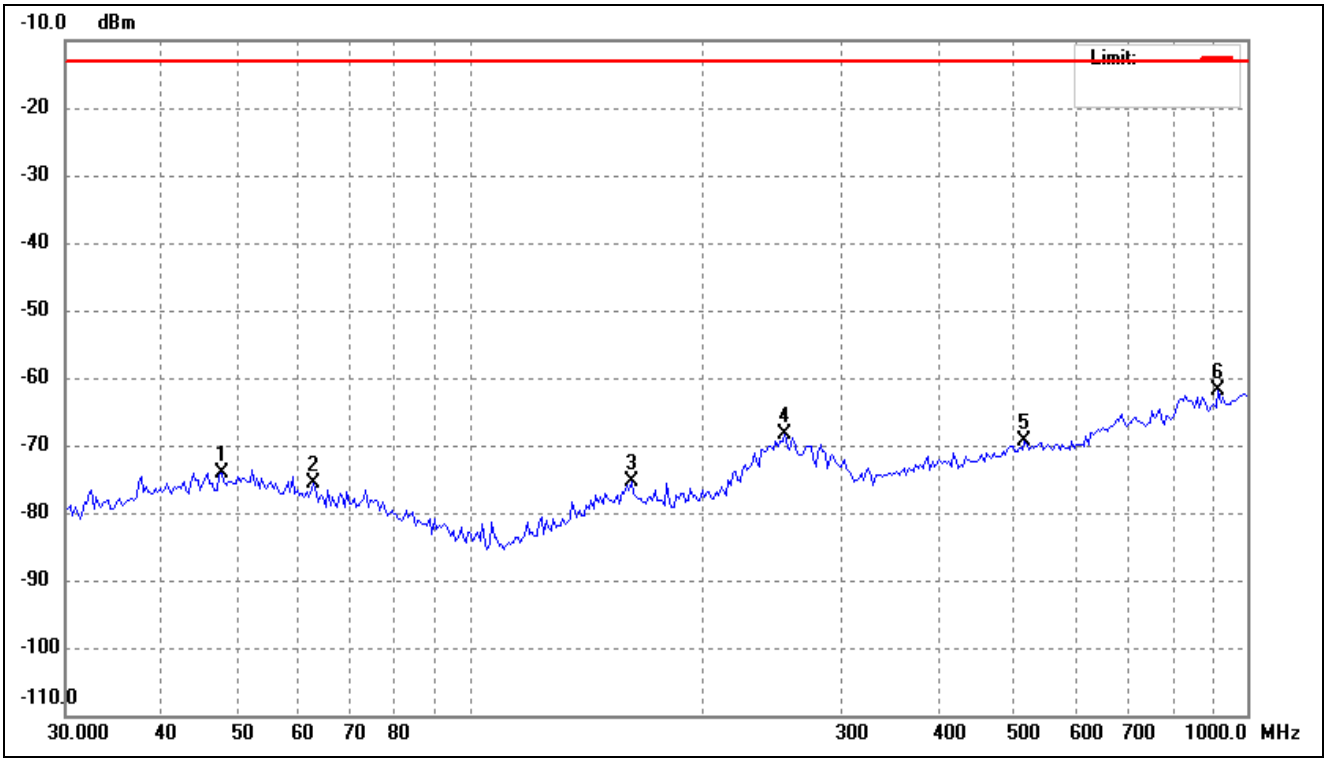
No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBm)	dB	(dBm)	(dBm)	(dB)	
1	46.0558	-77.70	3.13	-74.57	-25.00	-49.57	ERP
2	74.2696	-77.44	0.32	-77.12	-25.00	-52.12	ERP
3	159.7586	-77.35	0.98	-76.37	-25.00	-51.37	ERP
4	246.9901	-77.27	8.03	-69.24	-25.00	-44.24	ERP
5	655.9766	-77.61	9.76	-67.85	-25.00	-42.85	ERP
6	844.8028	-76.71	13.63	-63.08	-25.00	-38.08	ERP

Test Mode	TDD_LTE Band 41	Polarity:	Vertical



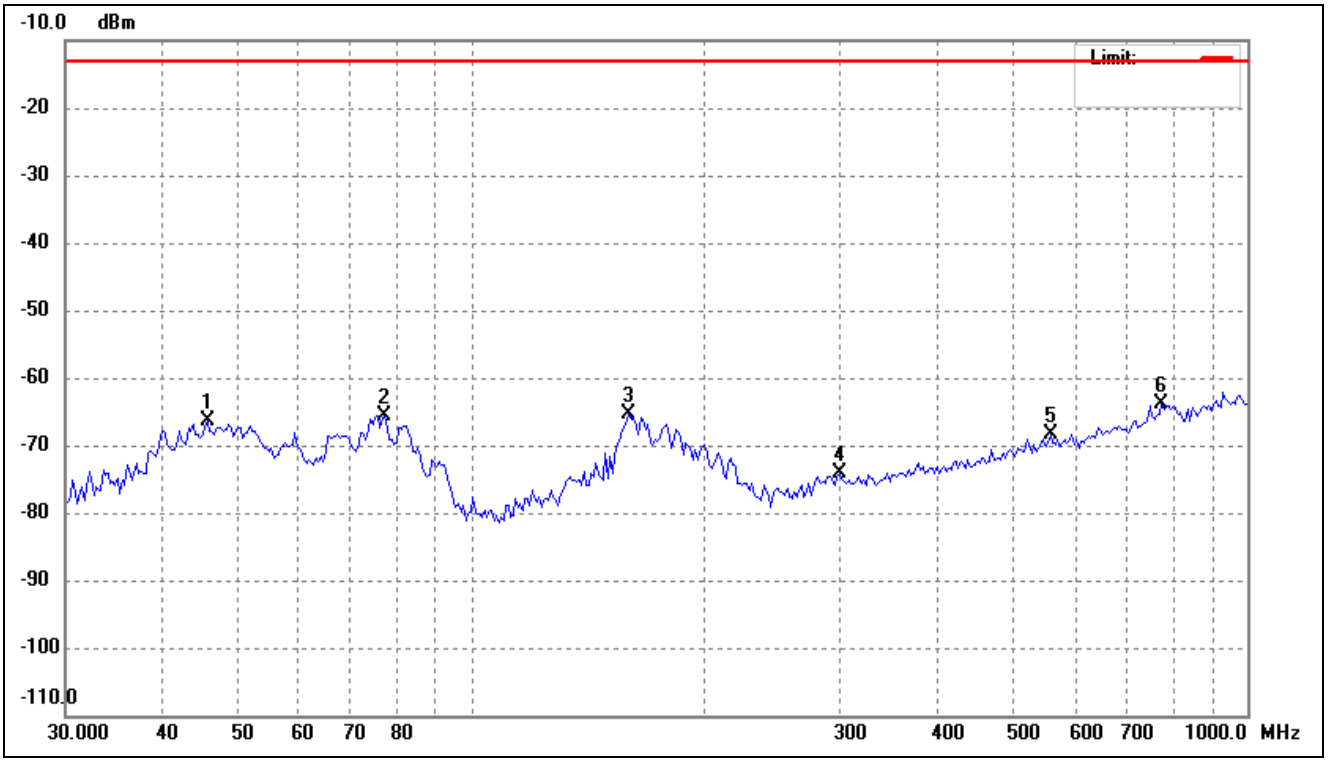
No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBm)	dB	(dBm)	(dBm)	(dB)	
1	47.3688	-69.74	3.25	-66.49	-25.00	-41.49	ERP
2	81.9478	-66.74	-0.12	-66.86	-25.00	-41.86	ERP
3	159.7586	-72.63	7.83	-64.80	-25.00	-39.80	ERP
4	363.5231	-77.95	4.62	-73.33	-25.00	-48.33	ERP
5	633.3285	-76.53	9.25	-67.28	-25.00	-42.28	ERP
6	887.3978	-76.15	12.15	-64.00	-25.00	-39.00	ERP

Test Mode	FDD_LTE Band 66	Polarity:	Horizontal



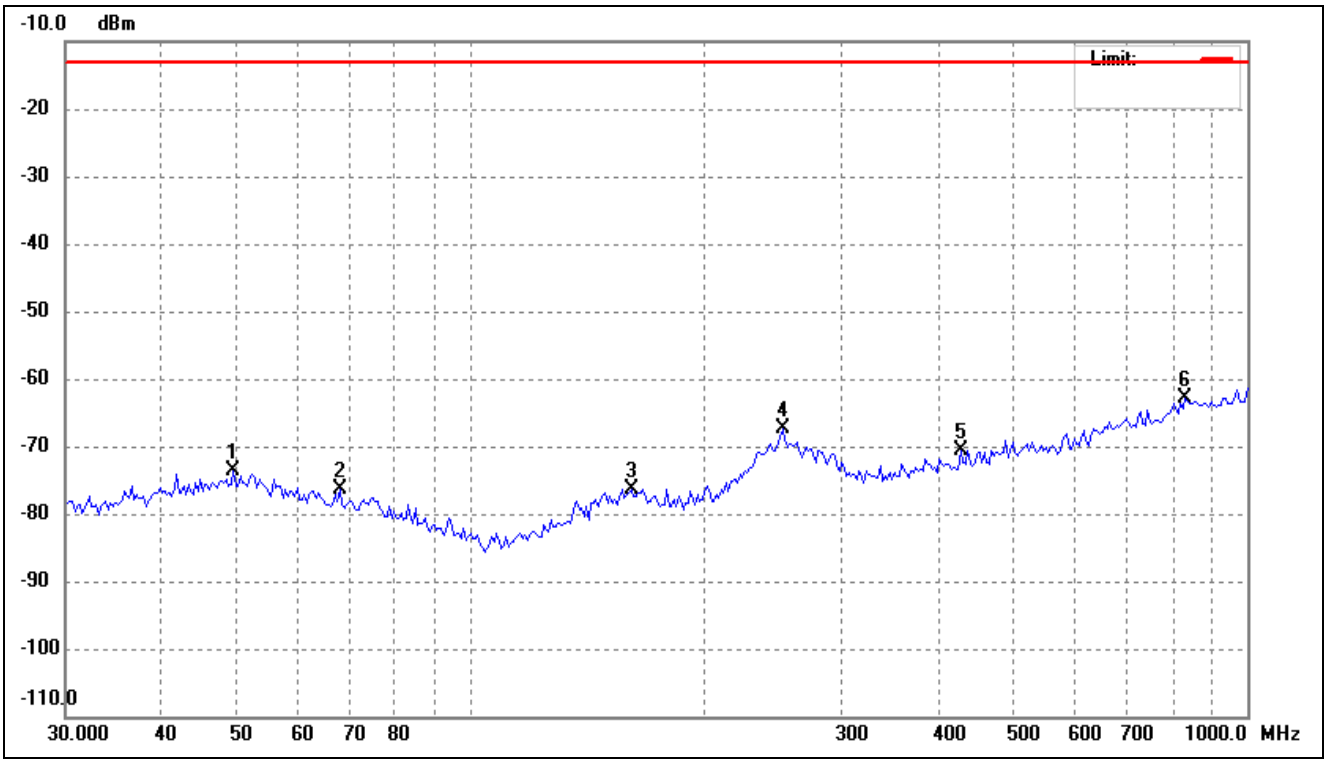
No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBm)	dB	(dBm)	(dBm)	(dB)	
1	47.7028	-77.30	3.28	-74.02	-13.00	-61.02	ERP
2	62.7432	-77.61	1.95	-75.66	-13.00	-62.66	ERP
3	160.8852	-76.41	0.98	-75.43	-13.00	-62.43	ERP
4	254.0312	-76.54	8.21	-68.33	-13.00	-55.33	ERP
5	516.5651	-76.80	7.44	-69.36	-13.00	-56.36	ERP
6	919.1315	-75.35	13.43	-61.92	-13.00	-48.92	ERP

Test Mode	FDD_LTE Band 66	Polarity:	Vertical



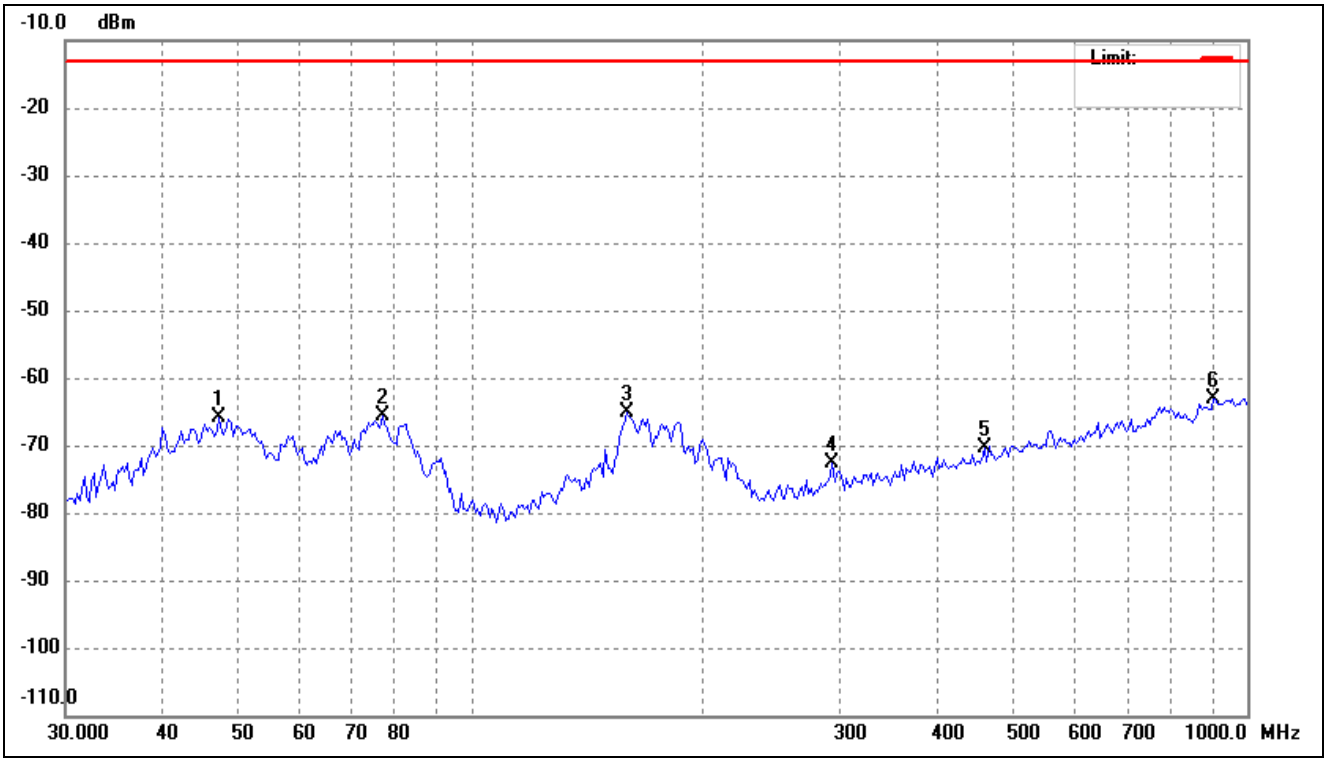
No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBm)	dB	(dBm)	(dBm)	(dB)	
1	45.7333	-69.48	3.09	-66.39	-13.00	-53.39	ERP
2	77.4680	-66.68	1.08	-65.60	-13.00	-52.60	ERP
3	159.7586	-73.10	7.83	-65.27	-13.00	-52.27	ERP
4	298.5932	-77.26	3.24	-74.02	-13.00	-61.02	ERP
5	558.0788	-76.44	8.13	-68.31	-13.00	-55.31	ERP
6	776.4849	-75.89	12.06	-63.83	-13.00	-50.83	ERP

Test Mode	FDD_LTE Band 71	Polarity:	Horizontal



No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBm)	dB	(dBm)	(dBm)	(dB)	
1	49.4087	-77.17	3.44	-73.73	-13.00	-60.73	ERP
2	67.7856	-77.75	1.34	-76.41	-13.00	-63.41	ERP
3	160.8852	-77.27	0.98	-76.29	-13.00	-63.29	ERP
4	252.2523	-75.72	8.36	-67.36	-13.00	-54.36	ERP
5	427.2920	-75.86	5.36	-70.50	-13.00	-57.50	ERP
6	833.0127	-76.12	13.37	-62.75	-13.00	-49.75	ERP

Test Mode	FDD_LTE Band 71	Polarity:	Vertical



No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBm)	dB	(dBm)	(dBm)	(dB)	
1	47.3688	-69.08	3.25	-65.83	-13.00	-52.83	ERP
2	76.9256	-66.94	1.23	-65.71	-13.00	-52.71	ERP
3	158.6399	-72.48	7.39	-65.09	-13.00	-52.09	ERP
4	292.3643	-75.45	2.94	-72.51	-13.00	-59.51	ERP
5	458.3987	-76.76	6.42	-70.34	-13.00	-57.34	ERP
6	906.3041	-75.49	12.29	-63.20	-13.00	-50.20	ERP

Note: Margin= (Reading+ Correct)- Limit

➢ Spurious Emissions Above 1GHz

For FDD_LTE Band 2 Mode

Frequency	Reading	Correct	Result	Limit	Margin	Polar
(MHz)	(dBm)	dB	(dBm)	(dBm)	(dB)	H/V
Low Channel (1852.5MHz)						
3705.00	-51.02	10.54	-40.48	-13	-27.48	H
5557.50	-52.52	13.37	-39.15	-13	-26.15	H
3705.00	-52.83	10.54	-42.29	-13	-29.29	V
5557.50	-52.95	13.37	-39.58	-13	-26.58	V
Middle Channel (1880.0MHz)						
3760.00	-51.83	10.64	-41.19	-13	-28.19	H
5640.00	-50.82	13.54	-37.28	-13	-24.28	H
3760.00	-51.15	10.64	-40.51	-13	-27.51	V
5640.00	-52.42	13.54	-38.88	-13	-25.88	V
High Channel (1907.5MHz)						
3815.00	-50.69	10.74	-39.95	-13	-26.95	H
5722.50	-52.29	13.71	-38.58	-13	-25.58	H
3815.00	-52.17	10.74	-41.43	-13	-28.43	V
5722.50	-52.4	13.71	-38.69	-13	-25.69	V

For FDD_LTE Band 4 Mode

Frequency	Reading	Correct	Result	Limit	Margin	Polar
(MHz)	(dBm)	dB	(dBm)	(dBm)	(dB)	H/V
Low Channel (1712.5MHz)						
3425.00	-50.83	8.65	-42.18	-13	-29.18	H
5137.50	-50.06	12.03	-38.03	-13	-25.03	H
3425.00	-50.96	8.65	-42.31	-13	-29.31	V
5137.50	-50.92	12.03	-38.89	-13	-25.89	V
Middle Channel (1732.5MHz)						
3465.00	-50.07	8.91	-41.16	-13	-28.16	H
5197.50	-53.06	12.29	-40.77	-13	-27.77	H
3465.00	-50.52	8.91	-41.61	-13	-28.61	V
5197.50	-50.9	12.29	-38.61	-13	-25.61	V
High Channel (1752.5MHz)						
3505.00	-52.61	9.11	-43.5	-13	-30.5	H
5257.50	-51.66	12.56	-39.1	-13	-26.10	H
3505.00	-53.27	9.11	-44.16	-13	-31.16	V
5257.50	-52.59	12.56	-40.03	-13	-27.03	V

For FDD_LTE Band 5 Mode

Frequency	Reading	Correct	Result	Limit	Margin	Polar
(MHz)	(dBm)	dB	(dBm)	(dBm)	(dB)	H/V
Low Channel (824.7MHz)						
1649.40	-52.71	4.94	-47.77	-13	-34.77	H
2474.10	-53.71	8.46	-45.25	-13	-32.25	H
1649.40	-51.17	4.94	-46.23	-13	-33.23	V
2474.10	-51.9	8.46	-43.44	-13	-30.44	V
Middle Channel (836.5MHz)						
1673.00	-51.00	5.11	-45.89	-13	-32.89	H
2509.50	-52.76	8.54	-44.22	-13	-31.22	H
1673.00	-51.86	5.11	-46.75	-13	-33.75	V
2509.50	-53.92	8.54	-45.38	-13	-32.38	V
High Channel (848.3MHz)						
1696.60	-53.95	5.25	-48.7	-13	-35.70	H
2544.90	-52.01	8.57	-43.44	-13	-30.44	H
1696.60	-50.63	5.25	-45.38	-13	-32.38	V
2544.90	-51.03	8.57	-42.46	-13	-29.46	V

For FDD_LTE Band 7 Mode

Frequency	Reading	Correct	Result	Limit	Margin	Polar
(MHz)	(dBm)	dB	(dBm)	(dBm)	(dB)	H/V
Low Channel (2502.5MHz)						
5005.00	-51.13	15.09	-36.04	-25	-11.04	H
7507.50	-52.52	11.66	-40.86	-25	-15.86	H
5005.00	-50.91	15.09	-35.82	-25	-10.82	V
7507.50	-51.39	15.09	-36.3	-25	-11.3	V
Middle Channel (2535MHz)						
5070.00	-53.08	11.78	-41.30	-25	-16.30	H
7605.00	-52.81	15.21	-37.60	-25	-12.60	H
5070.00	-52.32	11.78	-40.54	-25	-15.54	V
7605.00	-51.35	15.21	-36.14	-25	-11.14	V
High Channel (2567.5MHz)						
5135.00	-50.4	11.89	-38.51	-25	-13.51	H
7702.50	-53.01	15.32	-37.69	-25	-12.69	H
5135.00	-52.91	11.89	-41.02	-25	-16.02	V
7702.50	-51.47	15.32	-36.15	-25	-11.15	V

For FDD_LTE Band 12 Mode

Frequency	Reading	Correct	Result	Limit	Margin	Polar
(MHz)	(dBm)	dB	(dBm)	(dBm)	(dB)	H/V
Low Channel (669.7MHz)						
1339.40	-52.44	4.01	-48.43	-13	-35.43	H
2009.10	-50.77	7.32	-43.45	-13	-30.45	H
1339.40	-51.57	4.01	-47.56	-13	-34.56	V
2009.10	-52.78	7.32	-45.46	-13	-32.46	V
Middle Channel (707.5MHz)						
1415.00	-50.29	4.11	-46.18	-13	-33.18	H
2122.50	-50.92	7.54	-43.38	-13	-30.38	H
1415.00	-50.55	4.11	-46.44	-13	-33.44	V
2122.50	-50.03	7.54	-42.49	-13	-29.49	V
High Channel (715.3MHz)						
1430.6	-53.72	4.35	-49.37	-13	-36.37	H
2145.9	-50.52	7.88	-42.64	-13	-29.64	H
1430.6	-51.98	4.35	-47.63	-13	-34.63	V
2145.9	-52.35	7.88	-44.47	-13	-31.47	V

For FDD_LTE Band 13 Mode

Frequency	Reading	Correct	Result	Limit	Margin	Polar
(MHz)	(dBm)	dB	(dBm)	(dBm)	(dB)	H/V
Low Channel (779.5MHz)						
1559.00	-51.08	4.52	-46.56	-13	-33.56	H
2338.50	-52.72	7.96	-44.76	-13	-31.76	H
1559.00	-50.94	4.52	-46.42	-13	-33.42	V
2338.5	-53.58	7.96	-45.62	-13	-32.62	V
Middle Channel (782.0MHz)						
1564.00	-51.16	4.68	-46.48	-13	-33.48	H
2346.00	-51.75	8.02	-43.73	-13	-30.73	H
1564.00	-51.62	4.68	-46.94	-13	-33.94	V
2346.00	-53.59	8.05	-45.54	-13	-32.54	V
High Channel (784.5MHz)						
1569.00	-50.28	4.68	-45.6	-13	-32.6	H
2353.5	-51.75	4.85	-46.9	-13	-33.9	H
1569.00	-50.19	8.26	-41.93	-13	-28.93	V
2353.5	-53.78	4.85	-48.93	-13	-35.93	V

For FDD_LTE Band 17 Mode

Frequency	Reading	Correct	Result	Limit	Margin	Polar
(MHz)	(dBm)	dB	(dBm)	(dBm)	(dB)	H/V
Low Channel (706.5MHz)						
1413.00	-51.33	4.22	-47.11	-13	-34.11	H
2119.50	-53.75	7.42	-46.33	-13	-33.33	H
1413.00	-51.55	4.22	-47.33	-13	-34.33	V
2119.50	-53.57	7.42	-46.15	-13	-33.15	V
Middle Channel (710.0MHz)						
1420.00	-51.67	4.58	-47.09	-13	-34.09	H
2130.00	-50.02	7.69	-42.33	-13	-29.33	H
1420.00	-50.24	4.58	-45.66	-13	-32.66	V
2130.00	-53.93	7.69	-46.24	-13	-33.24	V
High Channel (713.5MHz)						
1427.00	-52.85	4.69	-48.16	-13	-35.16	H
2140.50	-52.34	7.87	-44.47	-13	-31.47	H
1427.00	-50.44	4.69	-45.75	-13	-32.75	V
2140.50	-53.66	7.87	-45.79	-13	-32.79	V

For FDD_LTE Band 25 Mode

Frequency	Reading	Correct	Result	Limit	Margin	Polar
(MHz)	(dBm)	dB	(dBm)	(dBm)	(dB)	H/V
Low Channel (1850.7MHz)						
3701.40	-50.04	10.54	-39.5	-13	-26.5	H
5552.10	-52.76	13.37	-39.39	-13	-26.39	H
3701.40	-51.73	10.54	-41.19	-13	-28.19	V
5552.10	-53.19	13.37	-39.82	-13	-26.82	V
Middle Channel (1882.5MHz)						
3765.00	-51.58	10.64	-40.94	-13	-27.94	H
5647.50	-53.14	13.54	-39.6	-13	-26.6	H
3765.00	-52.34	10.64	-41.7	-13	-28.7	V
5647.50	-50.26	13.54	-36.72	-13	-23.72	V
High Channel (1914.3MHz)						
3828.60	-53.27	10.74	-42.53	-13	-29.53	H
5742.90	-51.36	13.71	-37.65	-13	-24.65	H
3828.60	-52.91	10.74	-42.17	-13	-29.17	V
5742.90	-53.12	13.71	-39.41	-13	-26.41	V

For FDD_LTE Band 26 Mode

Frequency	Reading	Correct	Result	Limit	Margin	Polar
(MHz)	(dBm)	dB	(dBm)	(dBm)	(dB)	H/V
Low Channel (824.7MHz)						
1649.40	-52.31	4.94	-47.37	-13	-34.37	H
2474.10	-50.33	8.46	-41.87	-13	-28.87	H
1649.40	-51.88	4.94	-46.94	-13	-33.94	V
2474.10	-52.13	8.46	-43.67	-13	-30.67	V
Middle Channel (836.5MHz)						
1673.00	-51.36	5.11	-46.25	-13	-33.25	H
2509.50	-50.84	8.54	-42.30	-13	-29.3	H
1673.00	-51.93	5.11	-46.82	-13	-33.82	V
2509.50	-52.25	8.54	-43.71	-13	-30.71	V
High Channel (848.3MHz)						
1696.60	-53.6	5.25	-48.35	-13	-35.35	H
2544.90	-53.94	8.57	-45.37	-13	-32.37	H
1696.60	-51.22	5.25	-45.97	-13	-32.97	V
2544.90	-52.53	8.57	-43.96	-13	-30.96	V

For FDD_LTE Band 30 Mode

Frequency	Reading	Correct	Result	Limit	Margin	Polar
(MHz)	(dBm)	dB	(dBm)	(dBm)	(dB)	H/V
Low Channel (2307.5MHz)						
4615.0	-56.06	9.18	-46.88	-40	-6.88	H
6922.5	-57.17	12.51	-44.66	-40	-4.66	H
4615.0	-57.53	9.18	-48.35	-40	-8.35	V
6922.5	-57.54	12.51	-45.03	-40	-5.03	V
Middle Channel (2310.0MHz)						
4620.0	-57.57	9.21	-48.36	-40	-8.36	H
6930.0	-57.02	12.79	-44.23	-40	-4.23	H
4620.0	-56.49	9.21	-47.28	-40	-7.28	V
6930.0	-57.52	12.79	-44.73	-40	-4.73	V
High Channel (2312.5MHz)						
4625.0	-56.81	9.32	-47.49	-40	-7.49	H
6937.5	-57.89	13.05	-44.84	-40	-4.84	H
4625.0	-57.89	9.32	-48.57	-40	-8.57	V
6937.5	-56.29	13.05	-43.24	-40	-3.24	V

For TDD_LTE Band 38 Mode

Frequency	Reading	Correct	Result	Limit	Margin	Polar
(MHz)	(dBm)	dB	(dBm)	(dBm)	(dB)	H/V
Low Channel (2572.5MHz)						
5145.00	-53.12	11.89	-41.23	-25	-16.23	H
7717.50	-53.99	15.22	-38.77	-25	-13.77	H
5145.00	-51.01	11.89	-39.12	-25	-14.12	V
7717.50	-53.45	15.22	-38.23	-25	-13.23	V
Middle Channel (2595.0MHz)						
5190.00	-50.4	5.11	-45.29	-25	-20.29	H
7785.00	-53.28	8.54	-44.74	-25	-19.74	H
5190.00	-53.15	5.11	-48.04	-25	-23.04	V
7785.00	-52.81	8.54	-44.27	-25	-19.27	V
High Channel (2617.5MHz)						
5235.00	-53.52	5.25	-48.27	-25	-23.27	H
7852.50	-50.18	8.57	-41.61	-25	-16.61	H
5235.00	-50.64	5.25	-45.39	-25	-20.39	V
7852.50	-53.71	8.57	-45.14	-25	-20.14	V

For TDD_LTE Band 41 Mode

Frequency	Reading	Correct	Result	Limit	Margin	Polar
(MHz)	(dBm)	dB	(dBm)	(dBm)	(dB)	H/V
Low Channel (2557.5MHz)						
5012.0	-50.82	10.72	-40.1	-25	-15.1	H
7518.0	-52.97	14.83	-38.14	-25	-13.14	H
5012.0	-50.23	10.72	-39.51	-25	-14.51	V
7518.0	-53.91	14.83	-39.08	-25	-14.08	V
Middle Channel (2593.0MHz)						
5186.0	-51.73	11.32	-40.41	-25	-15.41	H
7779.0	-50.71	16.41	-34.3	-25	-9.3	H
5186.0	-53.03	11.32	-41.71	-25	-16.71	V
7779.0	-52.11	16.41	-35.7	-25	-10.7	V
High Channel (2680.0MHz)						
5360.0	-53.13	12.49	-40.64	-25	-15.64	H
8040.0	-51.86	17.98	-33.88	-25	-8.88	H
5360.0	-50.32	12.49	-37.83	-25	-12.83	V
8040.0	-53.95	17.98	-35.97	-25	-10.97	V

For FDD_LTE Band 66 Mode

Frequency	Reading	Correct	Result	Limit	Margin	Polar
(MHz)	(dBm)	dB	(dBm)	(dBm)	(dB)	H/V
Low Channel (1710.7MHz)						
3420.77	-52.45	9.22	-43.23	-13	-30.23	H
5131.47	-52.31	11.35	-40.96	-13	-27.96	H
3420.77	-53.32	9.22	-44.1	-13	-31.10	V
5131.47	-53.38	11.35	-42.03	-13	-29.03	V
Middle Channel (1745MHz)						
3490.00	-52.76	9.53	-43.23	-13	-30.23	H
5235.00	-51.57	11.98	-39.59	-13	-26.59	H
3490.00	-52.91	9.53	-43.38	-13	-30.38	V
5235.00	-50.62	11.98	-38.64	-13	-25.64	V
High Channel (1779.3MHz)						
3558.60	-52.4	9.82	-42.58	-13	-29.58	H
5337.90	-50.05	12.35	-37.7	-13	-24.70	H
3558.60	-50.28	9.82	-40.46	-13	-27.46	V
5337.90	-50.06	12.35	-37.71	-13	-24.71	V

For FDD_LTE Band 71 Mode

Frequency	Reading	Correct	Result	Limit	Margin	Polar
(MHz)	(dBm)	dB	(dBm)	(dBm)	(dB)	H/V
Low Channel (673MHz)						
1346	-53.12	4.15	-48.97	-13	-35.97	H
2019	-50.96	7.62	-43.34	-13	-30.34	H
1346	-50.41	4.15	-46.26	-13	-33.26	V
2019	-53.58	7.62	-45.96	-13	-32.96	V
Middle Channel (680.5MHz)						
1361	-51.19	4.48	-46.71	-13	-33.71	H
2041.5	-51.45	7.93	-43.52	-13	-30.52	H
1361	-52.27	4.48	-47.79	-13	-34.79	V
2041.5	-52.07	7.93	-44.14	-13	-31.14	V
High Channel (688MHz)						
1376	-53.39	4.71	-48.68	-13	-35.68	H
2064	-51.97	8.16	-43.81	-13	-30.81	H
1376	-50.81	4.71	-46.1	-13	-33.10	V
2064	-51.31	8.16	-43.15	-13	-30.15	V

Note: Result=Reading+ Correct, Margin= Result- Limit

Note: Testing is carried out with frequency rang 9kHz to the tenth harmonics, other than listed in the table above are attenuated more than 20dB below the permissible limits or the field strength is too small to be measured.

APPENDIX PHOTOGRAPHS

Please refer to “ANNEX”

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