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:
24A0319R-RF-US-P07V02

FCC TEST REPORT

Product Name	POS Terminal
Trademark	
Model and /or type reference	MF960
FCC ID	2AQRE-MF960
Applicant's name / address	Fujian Morefun Electronic Technology Co., Ltd. 4th Floor, #15 Building, Standard plant, Fuwan, Jinshan Industry Center Area, #869 Panyu Rd, Gaishan Town, Cangshan Area, Fuzhou, Fujian, China
Test method requested, standard	47 CFR FCC Part 2, Part 22, Part 24, Part 27, Part 90 ANSI C63.26: 2015 ANSI/TIA-603-E: 2016
Verdict Summary	IN COMPLIANCE
Documented by (name / position & signature)	Tim Cao / Project Manager
Approved by (name / position & signature)	Jack Zhang / Manager
Date of issue	2024-12-08
Report Version	V1.0
Report template No	Template_Part 2&22&24&27&90-RF-V1.0

INDEX

page

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)	Oct. 14, 2024
Date (start test)	Oct. 20, 2024
Date (finish test)	Oct. 30, 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
24A0319R-RF-US-P07V02	V1.0	Initial issue of report.	2024-12-08

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 a limited report on the installation of a test module in a POS Terminal, and the customer declares that the RF parameters of the module installed in the host computer are exactly the same as those of the certified module. We verified the RF output power and radiated emissions of the equipment. For other test data, please refer to FCC ID: 2A9FT-Z400-H.These test results on a sample of the device are for the purpose of demonstrating Compliance with 47 CFR FCC Part 2 & 22 & 24 & 27 & 90.
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	158243	2024.05.15	2025.05.14	X 4.0.62.11	N/A
Signal analyzer	R&S	FSV30	104212	2024.07.06	2025.07.05	3.40	N/A
ESG Vector Signal Generator	Agilent	E4438C	MY49070163	2024.10.19	2025.10.18	C.05.85	N/A
RF Control Unit	Tonscend	JS0806-1	168060022	2024.06.11	2025.06.10	N/A	N/A
PSG Analog Signal Generator	Keysight	E8257D	MY60020890	2024.03.09	2025.03.08	C.06.27	N/A
High and low temperature and fast temperature change test box	ASTUOD	ASTD-FBT-225K	N/A	2024.04.21	2025.04.20	N/A	N/A
Filter box	Tonscend	N/A	N/A	2023.12.09	2024.12.08	N/A	N/A
Temperature/Humidity Meter	RTS	RTS-1909	THM-036	2024.05.17	2025.05.16	N/A	N/A
Temperature/Humidity Meter	RTS	RTS-1909	THM-037	2024.05.17	2025.05.16	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**
Wideband Radio Communication Tester	R&S	CMW 500	158243	2024.05.15	2025.05.14	X 4.0.62.11	N/A
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	2024.03.27	2025.03.26	N/A	N/A
Bilog Antenna	Teseq GmbH	CBL6112 D	27611	2024.03.20	2025.03.19	N/A	N/A
Coaxial Cable	Huber+Suhner	SUCOFLEX 106	AC2-C	2024.04.27	2025.04.26	N/A	N/A
Temperature/Humidity Meter	RTS	RTS-1909	THM-021	2024.05.17	2025.05.16	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**
Wideband Radio Communication Tester	R&S	CMW 500	158243	2024.05.15	2025.05.14	X 4.0.62.11	N/A
EXA Spectrum Analyzer	Keysight	N9020B	MY60112218	2023.12.29	2024.12.28	A.31.05	N/A
Pre-Amplifier	SKET	EMC184045SE	980263	2024.07.06	2025.07.05	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	2024.04.20	2025.04.19	N/A	N/A
Coaxial Cable	ROSENBERGER	LA1-C011-2000/3000	AC5-40G-2	2024.05.26	2025.05.25	N/A	N/A
Cable	Rosenberger	LA1-C011-1000	0523	2024.05.26	2025.05.25	N/A	N/A
Temperature/Humidity Meter	RTS	RTS-1909	THM-001	2024.07.11	2025.07.10	N/A	N/A
Temperature/Humidity Meter	RTS	RTS-1909	THM-024	2024.05.17	2025.05.16	N/A	N/A
Dekra test software	Dekra	N/A	N/A	N/A	N/A	N/A	3

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 Terminal
Model No. ..... :	MF960
Trademark..... :	
FCC ID..... :	2AQRE-MF960
Hardware Version..... :	B30
Software Version..... :	V13.0.1
Manufacturer..... :	Fujian Morefun Electronic Technology Co., Ltd.
Manufacturer Address..... :	4th Floor, #15 Building, Standard plant, Fuwan, Jinshan Industry Center Area, #869 Panyu Rd, Gaishan Town, Cangshan Area, Fuzhou, Fujian, China
Factory..... :	Fujian Morefun Electronic Technology Co., Ltd.
Factory address ..... :	4th Floor, #15 Building, Standard plant, Fuwan, Jinshan Industry Center Area, #869 Panyu Rd, Gaishan Town, Cangshan Area, Fuzhou, Fujian, China
Operating temperature ..... :	-20 ~ +60 ℃

Wireless specifiction..... :	LTE
Module..... :	Z400-H
Support Band(s) ..... :	FDD LTE Band 2 / 4 / 5 / 7 / 12 / 13 / 14 / 17 / 25 / 26 / 66 / 71 TDD LTE Band 38 / 41
Uplink..... :	Band 2: 1850-1910 MHz Band 4: 1710-1755 MHz Band 5: 824-849 MHz Band 7: 2500-2570 MHz Band 12: 699-716 MHz Band 13: 777-787 MHz Band 14: 788-798 MHz Band 17: 704-716 MHz Band 25: 1850-1915 MHz Band 26: 814-849 MHz Band 66: 1710-1780 MHz Band 71: 663-698 MHz Band 38: 2570-2620 MHz Band 41: 2535-2655 MHz
Downlink ..... :	Band 2: 1930-1990 MHz Band 4: 2110-2155 MHz Band 5: 869-894 MHz Band 7: 2620-2690 MHz Band 12: 729-746 MHz Band 13: 746-756 MHz Band 14: 758-768 MHz Band 17: 734-746 MHz Band 25: 1930-1995 MHz Band 26: 859-894 MHz Band 66: 2110-2200 MHz

	Band 71: 617-652 MHz Band 38: 2570-2620 MHz Band 41: 2535-2655 MHz	
Channel Bandwidth(MHz) .....:	Band 2:	1.4 MHz / 3 MHz / 5 MHz / 10 MHz / 15 MHz / 20 MHz
	Band 4:	1.4 MHz / 3 MHz / 5 MHz / 10 MHz / 15 MHz / 20 MHz
	Band 5:	1.4 MHz / 3 MHz / 5 MHz / 10 MHz
	Band 7:	5 MHz / 10 MHz / 15 MHz / 20 MHz
	Band 12:	1.4 MHz / 3 MHz / 5 MHz / 10 MHz
	Band 13:	5 MHz / 10 MHz
	Band 14:	5 MHz / 10 MHz
	Band 17:	5 MHz / 10 MHz
	Band 25:	1.4 MHz / 3 MHz / 5 MHz / 10 MHz / 15 MHz / 20 MHz
	Band 26:	5 MHz / 10 MHz / 15 MHz
	Band 66:	1.4 MHz / 3 MHz / 5 MHz / 10 MHz / 15 MHz / 20 MHz
	Band 71:	5 MHz / 10 MHz / 15 MHz / 20 MHz
	Band 38:	5 MHz / 10 MHz / 15 MHz / 20 MHz
	Band 41:	5 MHz / 10 MHz / 15 MHz / 20 MHz
Type of Modulation.....:	QPSK, 16QAM, 64QAM(Only Downlink)	

Rated power supply..... :	Voltage and Frequency	
	☐	AC: 220 - 240 V, 50/60 Hz
	☐	AC: 100 - 240 V, 50/60 Hz
	☒	DC: 5 Vdc
	☒	Battery: 7.20 Vdc, 2600 mAh, 18.72 Wh
	☒	Adapter:
Adapter Model..... :	DGL0502000LUS	
	Input: 100-240V ~ 50/60Hz,0.3A Max Output: 5.0V / 2000 mA	
Mounting position ..... :	☐	Tabletop equipment
	☐	Wall/Ceiling mounted equipment
	☐	Floor standing equipment
	☒	Hand-held/Portable equipment
	☐	Other:

1.2 Antenna Information

Antenna Delivery .....:	☒	1TX + 1RX		
	☐	2TX + 2RX		
Antenna technology.....:	☒	SISO		
	☐	MIMO		
Antenna Type.....:	☐	External	☐	Dipole
			☐	Sectorized
	☒	Internal	☒	Fixed
			☐	FPC
			☐	Ceramic Chip
			☐	Others……...
Antenna Gain.....:	Band 2: -1.806 dBi Band 4: -0.556 dBi Band 5: -1.963 dBi Band 7: -4.011 dBi Band 12: -1.963 dBi Band 13: -1.963 dBi Band 14: -1.963 dBi Band 17: -1.963 dBi Band 25: -1.979 dBi Band 26: -1.638 dBi Band 66: -0.556 dBi Band 71: -1.963 dBi Band 38: -3.724 dBi Band 41: -3.724 dBi			

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 LTE Band 2
	Mode 2: Transmit by LTE Band 4
	Mode 3: Transmit by LTE Band 5
	Mode 4: Transmit by LTE Band 7
	Mode 5: Transmit by LTE Band 12
	Mode 6: Transmit by LTE Band 13
	Mode 7: Transmit by LTE Band 14
	Mode 8: Transmit by LTE Band 17
	Mode 9: Transmit by LTE Band 25
	Mode 10: Transmit by LTE Band 26
	Mode 11: Transmit by LTE Band 38
	Mode 12: Transmit by LTE Band 41
	Mode 13: Transmit by LTE Band 66
	Mode 14: Transmit by LTE Band 71

Notes :

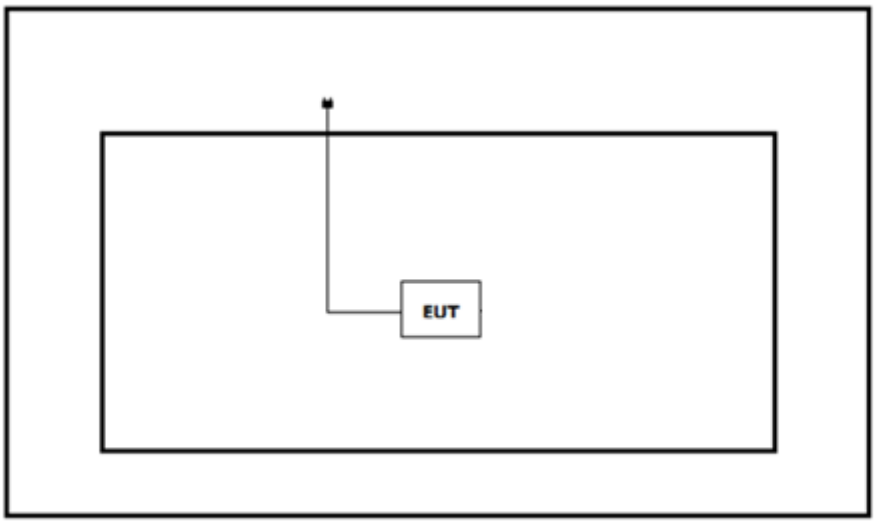
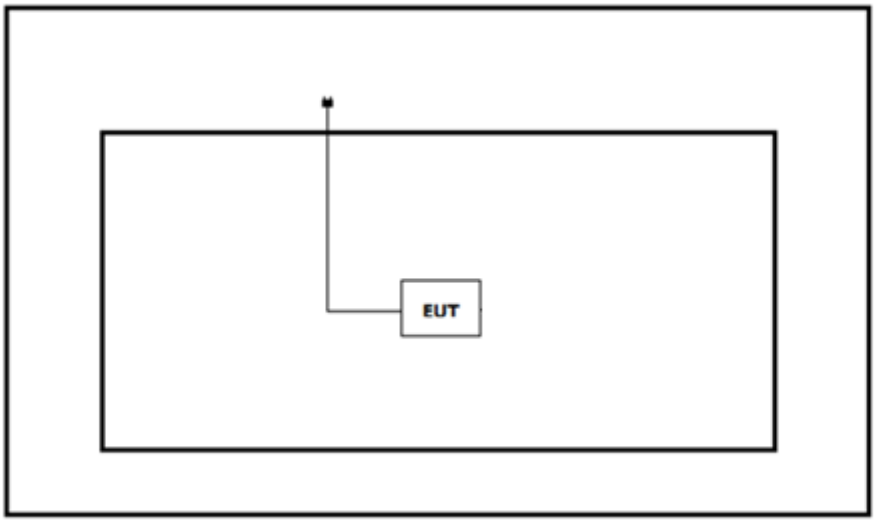
1. For portable device, radiated tests was verified over X, Y, Z axis, and shown the worst case on this report.

2.2 Auxiliary equipment / Test software for the EUT

Auxiliary equipment	Type / Version	Manufacturer	Supplied by
CMW 500	X 4.0.62.11	R&S	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
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

LTE Band 5 / 26 (824~849 MHz)

Test Item	FCC Rule No.	Requirements	Verdict
Effective (Isotropic) Radiated Power Output Data	§2.1046, §22.913(a)(5)	ERP ≤ 7 W	**PASS**
Peak-Average Ratio	§22.913(d)	Limit≤13 dB	**See Remark**
Modulation Characteristics	§2.1047	Digital modulation	**See Remark**
Bandwidth	§2.1049	OBW: No limit. EBW: No limit.	**See Remark**
Band Edges Compliance	§2.1051, §22.917(a)	≤ -13 dBm/1%*EBW, in 1 MHz bands immediately outside and adjacent to the frequency block.	**See Remark**
Spurious Emission at Antenna Terminals	§2.1051, §22.917(a)	FCC: ≤ -13 dBm/100 kHz, from 9 kHz to 10th harmonics but outside authorized operating frequency ranges.	**See Remark**
Field Strength of Spurious Radiation	§2.1053, §22.917(a)	FCC: ≤ -13 dBm/100 kHz.	**PASS**
Frequency Stability	§2.1055(a)(1)(b) §2.1055(d)(1) §22.355	≤ ±2.5ppm.	**See Remark**
Remark: Only the Effective (Isotropic) Radiated Power Output Data and Radiated Spurious Emission were fully tested. These items please refer to the LTE Module report S23033100205006. The FCC ID is 2A9FT-Z400-H has been certified, and the test report issued by Shenzhen NTEK Testing Technology Co., Ltd. on 03/05/2023.			

LTE Band 2 / 25

Test Item	FCC Rule No.	Requirements	Verdict
Effective (Isotropic) Radiated Power Output Data	§2.1046, §24.232(c)	EIRP ≤ 2 W	**PASS**
Peak-Average Ratio	§24.232(d)	Limit≤13 dB	**See Remark**
Modulation Characteristics	§2.1047	Digital modulation	**See Remark**
Bandwidth	§2.1049	OBW: No limit. EBW: No limit.	**See Remark**
Band Edges Compliance	§2.1051, §24.238(a)	≤ -13 dBm/1%*EBW, in 1 MHz bands immediately outside and adjacent to the frequency block.	**See Remark**
Spurious Emission at Antenna Terminals	§2.1051, §24.238(a)	≤ -13 dBm/1 MHz, from 9 kHz to 10th harmonics but outside authorized operating frequency ranges.	**See Remark**
Field Strength of Spurious Radiation	§2.1053, §24.238(a)	≤ -13 dBm/1 MHz.	**PASS**
Frequency Stability	§2.1055(a)(1)(b) §2.1055(d)(1) §24.235	Within authorized bands of operation/frequency block.	**See Remark**

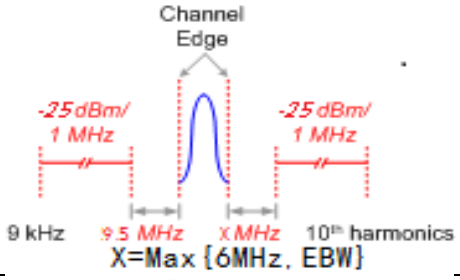
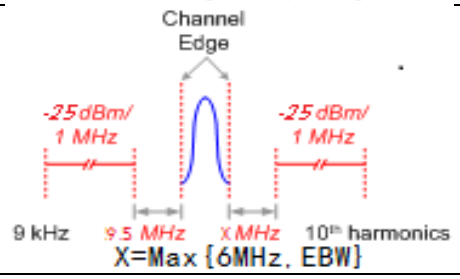
Remark:
Only the Effective (Isotropic) Radiated Power Output Data and Radiated Spurious Emission were fully tested. These items please refer to the LTE Module report S23033100205006.
The FCC ID is 2A9FT-Z400-H has been certified, and the test report issued by Shenzhen NTEK Testing Technology Co., Ltd. on 03/05/2023.

LTE Band 4 / 66

Test Item	FCC Rule No.	Requirements	Verdict
Effective (Isotropic) Radiated Power Output Data	§2.1046, §27.50(d)(4)	EIRP ≤ 1 W	**PASS**
Peak-Average Ratio	§27.50(d)(5)	Limit≤13 dB	**See Remark**
Modulation Characteristics	§2.1047	Digital modulation	**See Remark**
Bandwidth	§2.1049	OBW: No limit. EBW: No limit.	**See Remark**
Band Edges Compliance	§2.1051, §27.53(h)	≤ -13 dBm/1%*EBW, in 1 MHz bands immediately outside and adjacent to the frequency block.	**See Remark**
Spurious Emission at Antenna Terminals	§2.1051, §27.53(h)	≤ -13 dBm/1 MHz, from 9 kHz to 10th harmonics but outside authorized operating frequency ranges.	**See Remark**
Field Strength of Spurious Radiation	§2.1053, §27.53(h)	≤ -13 dBm/1 MHz.	**PASS**
Frequency Stability	§2.1055(a)(1)(b) §2.1055(d)(1) §27.54	Within authorized bands of operation/frequency block.	**See Remark**

Remark:
Only the Effective (Isotropic) Radiated Power Output Data and Radiated Spurious Emission were fully tested. These items please refer to the LTE Module report S23033100205006.
The FCC ID is 2A9FT-Z400-H has been certified, and the test report issued by Shenzhen NTEK Testing Technology Co., Ltd. on 03/05/2023.

LTE Band 7 / 38 / 41

Test Item	FCC Rule No.	Requirements	Verdict
Effective (Isotropic) Radiated Power Output Data	§2.1046, §27.50(h)(2)	EIRP ≤ 2W	**PASS**
Peak-Average Ratio	---	≤13 dB	**See Remark**
Modulation Characteristics	§2.1047	Digital modulation	**See Remark**
Bandwidth	§2.1049	OBW: No limit. EBW: No limit.	**See Remark**
Band Edges Compliance	§2.1051, §27.53(m4)	For mobile digital stations, the attenuation factor shall be not less than 40 + 10 log (P) dB on all frequencies between the channel edge and 5 megahertz from the channel edge, 43 + 10 log (P) dB on all frequencies between 5 megahertz and X megahertz from the channel edge, and 55 + 10 log (P) dB on all frequencies more than X megahertz from the channel edge, where X is the greater of 6 megahertz or the actual emission bandwidth as de□ned in paragraph (m)(6) of this section. In addition, the attenuation factor shall not be less that 43 + 10 log (P) dB on all frequencies between 2490.5 MHz and 2496 MHz and 55 + 10 log (P) dB at or below 2490.5 MHz.	**See Remark**
Spurious Emission at Antenna Terminals	§2.1051, §27.53(m)		**See Remark**
Field Strength of Spurious Radiation	§2.1053, §27.53(m)		**PASS**
Frequency Stability	§2.1055(a)(1)(b) §2.1055(d)(1) §27.54	Within authorized bands of operation/frequency block.	**See Remark**

Remark:
Only the Effective (Isotropic) Radiated Power Output Data and Radiated Spurious Emission were fully tested. These items please refer to the LTE Module report S23033100205006.
The FCC ID is 2A9FT-Z400-H has been certified, and the test report issued by Shenzhen NTEK Testing Technology Co., Ltd. on 03/05/2023.

LTE Band 12 / 17

Test Item	FCC Rule No.	Requirements	Verdict
Effective (Isotropic) Radiated Power Output Data	§2.1046 §27.50(c)(10)	ERP ≤ 3 W.	**PASS**
Peak-Average Ratio	---	Limit≤13 dB	**See Remark**
Modulation Characteristics	§2.1047	Digital modulation	**See Remark**
Bandwidth	§2.1049	OBW: No limit. EBW: No limit.	**See Remark**
Band Edges Compliance	§2.1051, §27.53(g)	≤ -13 dBm/1%*EBW, in 1 MHz bands immediately outside and adjacent to the frequency block.	**See Remark**
Spurious Emission at Antenna Terminals	§2.1051, §27.53(g)	FCC: ≤ -13 dBm/100 kHz, from 9 kHz to 10th harmonics but outside authorized operating frequency ranges.	**See Remark**
Field Strength of Spurious Radiation	§2.1053, §27.53(g)	FCC: ≤ -13 dBm/100 kHz.	**PASS**
Frequency Stability	§2.1055(a)(1)(b) §2.1055(d)(1) §27.54	Within authorized bands of operation/frequency block.	**See Remark**

Remark:
Only the Effective (Isotropic) Radiated Power Output Data and Radiated Spurious Emission were fully tested. These items please refer to the LTE Module report S23033100205006.
The FCC ID is 2A9FT-Z400-H has been certified, and the test report issued by Shenzhen NTEK Testing Technology Co., Ltd. on 03/05/2023.

LTE Band 13

Test Item	FCC Rule No.	Requirements	Verdict
Effective (Isotropic) Radiated Power Output Data	§2.1046, §27.50(b)(10)	ERP ≤ 3 W.	**PASS**
Peak-Average Ratio	---	Limit≤13 dB	**See Remark**
Modulation Characteristics	§2.1047	Digital modulation	**See Remark**
Bandwidth	§2.1049,	OBW: No limit. EBW: No limit.	**See Remark**
Band Edges Compliance	§2.1051, §27.53(c)	≤ -13 dBm/1%*EBW, in 1 MHz bands immediately outside and adjacent to the frequency block.	**See Remark**
Spurious Emission at Antenna Terminals	§2.1051, §27.53(c) §27.53(f)	≤ -13 dBm/100 kHz, from 9 kHz to 10th harmonics but outside authorized operating frequency ranges. 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. For operations in the 746-758 MHz, 775-788 MHz, and 805-806 MHz bands, emissions in the band 1559-1610 MHz shall be limited to −70 dBW/MHz equivalent isotropically radiated power (EIRP) for wideband signals, and −80 dBW EIRP for discrete emissions of less than 700 Hz bandwidth.	**See Remark**
Field Strength of Spurious Radiation	§2.1053, §27.53(c) §27.53(f)	FCC: ≤ -13 dBm/100 kHz. For operations in the 746-758 MHz, 775-788 MHz, and 805-806 MHz bands, emissions in the band 1559-1610 MHz shall be limited to −70 dBW/MHz equivalent isotropically radiated power (EIRP) for wideband signals, and −80 dBW EIRP for discrete emissions of less than 700 Hz bandwidth.	**PASS**
Frequency Stability	§2.1055(a)(1)(b) §2.1055(d)(1) §27.54	Within authorized bands of operation/frequency block.	**See Remark**

Remark:
Only the Effective (Isotropic) Radiated Power Output Data and Radiated Spurious Emission were fully tested. These items please refer to the LTE Module report S23033100205006.
The FCC ID is 2A9FT-Z400-H has been certified, and the test report issued by Shenzhen NTEK Testing Technology Co., Ltd. on 03/05/2023.

LTE Band 14

Test Item	FCC Rule No.	Requirements	Verdict
Effective (Isotropic) Radiated Power Output Data	§2.1046 §90.542(d)	ERP ≤ 3 W.	**PASS**
Peak-Average Ratio	---	Limit≤13 dB	**See Remark**
Modulation Characteristics	§2.1047	Digital modulation	**See Remark**
Bandwidth	§2.1049	OBW: No limit. EBW: No limit.	**See Remark**
Emission Mask	§2.1051 §90.210(n)	Transmitters designed for operation under this part on frequencies other than listed in this section must meet the emission mask requirements of Emission Mask B. Equipment operating under this part on frequencies allocated to but shared with the Federal Government, must meet the applicable Federal Government technical standards (b) Emission Mask B. For transmitters that are equipped with an audio low-pass filter, the power of any emission must be attenuated below the unmodulated carrier power (P) as follows: (1) On any frequency removed from the assigned frequency by more than 50 percent, but not more than 100 percent of the authorized bandwidth: At least 25 dB.(2) On any frequency removed from the assigned frequency by more than 100 percent, but not more than 250 percent of the authorized bandwidth: At least 35 dB..(3) On any frequency removed from the assigned frequency by more than 250 percent of the authorized bandwidth: At least 43 + 10 log (P) dB.	**See Remark**
Band Edges Compliance	§2.1051 §90.543(e)(2)(3)	(1) On all frequencies between 769-775 MHz and 799-805 MHz, by a factor not less than 76 + 10 log (P) dB in a 6.25 kHz band segment, for base and fixed stations.(2) On all frequencies between 769-775 MHz and 799-805 MHz, by a factor not less than 65 + 10 log (P) dB in a 6.25 kHz band segment, for mobile and portable stations.(3) On any frequency between 775-788 MHz, above 805 MHz, and below 758 MHz, by at least 43 + 10 log (P) dB.	**See Remark**
Spurious Emission at Antenna Terminals	§2.1051, §90.543(c) §90.543(f)	FCC: ≤ -13 dBm/100 kHz, from 9 kHz to 10th harmonics but outside authorized operating frequency ranges. For operations in the 758–775 MHz and 788–805 MHz bands, all emissions including harmonics in the band 1559–1610 MHz shall be limited to -70 dBW/ MHz equivalent isotropically radiated	**PASS**

		power (EIRP) for wideband signals, and -80 dBW EIRP for discrete emissions of less than 700 Hz bandwidth.	
Field Strength of Spurious Radiation	§2.1053, §90.543(c) §90.543(f)	FCC: ≤ -13 dBm/100 kHz. For operations in the 758–775 MHz and 788–805 MHz bands, all emissions including harmonics in the band 1559–1610 MHz shall be limited to -70 dBW/MHz equivalent isotropically radiated power (EIRP) for wideband signals, and -80 dBW EIRP for discrete emissions of less than 700 Hz bandwidth.	**See Remark**
Remark: Only the Effective (Isotropic) Radiated Power Output Data and Radiated Spurious Emission were fully tested. These items please refer to the LTE Module report S23033100205006. The FCC ID is 2A9FT-Z400-H has been certified, and the test report issued by Shenzhen NTEK Testing Technology Co., Ltd. on 03/05/2023.			

LTE Band 26 (814~824 MHz)

Test Item	FCC Rule No.	Requirements	Verdict
Transmitter Conducted Power Output	§2.1046, §90.635(b)	< 100 W.	**PASS**
Peak-Average Ratio	---	Limit≤13 dB	**See Remark**
Modulation Characteristics	§2.1047	Digital modulation	**See Remark**
Bandwidth	§2.1049	OBW: No limit. EBW: No limit.	**See Remark**
Emission Mask	§2.1051 § 90.691(a)	For any frequency removed from the EA licensee's frequency block by up to and including 37.5 kHz, the power of any emission shall be attenuated below the transmitter power (P) in watts by at least 116 Log10(f/6.1) decibels or 50+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 12.5 kHz.	**See Remark**
Spurious Emission at Antenna Terminals	§2.1051, §90.691	< 43 + 10Log10(P[Watts]) for all out-of-band emissions	**See Remark**
Field Strength of Spurious Radiation	§2.1053, §90.691	< 43 + 10Log10(P[Watts]) for all out-of-band emissions	**PASS**
Frequency Stability	§2.1055(a)(1)(b) §2.1055(d)(1) §90.213	Within authorized bands of operation/frequency block.	**See Remark**

Remark:
Only the Effective (Isotropic) Radiated Power Output Data and Radiated Spurious Emission were fully tested. These items please refer to the LTE Module report S23033100205006.
The FCC ID is 2A9FT-Z400-H has been certified, and the test report issued by Shenzhen NTEK Testing Technology Co., Ltd. on 03/05/2023.

LTE Band 71

Test Item	FCC Rule No.	Requirements	Verdict
Effective (Isotropic) Radiated Power Output Data	§2.1046 §27.50(c)(10)	ERP ≤ 3 W	**PASS**
Peak-Average Ratio	---	Limit≤13 dB	**See Remark**
Modulation Characteristics	§2.1047	Digital modulation	**See Remark**
Bandwidth	§2.1049	OBW: No limit. EBW: No limit.	**See Remark**
Band Edges Compliance	§2.1051, §27.53(g)	≤ -13 dBm/1%*EBW, in 1 MHz bands immediately outside and adjacent to the frequency block.	**See Remark**
Spurious Emission at Antenna Terminals	§2.1051, §27.53(g)	≤ -13 dBm/1 MHz, from 9 kHz to 10th harmonics but outside authorized operating frequency ranges.	**See Remark**
Field Strength of Spurious Radiation	§2.1053, §27.53(g)	≤ -13 dBm/1 MHz.	**PASS**
Frequency Stability	§2.1055(a)(1)(b) §2.1055(d)(1) §27.54	within the authorized bands of operation.	**See Remark**
Remark: Only the Effective (Isotropic) Radiated Power Output Data and Radiated Spurious Emission were fully tested. These items please refer to the LTE Module report S23033100205006. The FCC ID is 2A9FT-Z400-H has been certified, and the test report issued by Shenzhen NTEK Testing Technology Co., Ltd. on 03/05/2023.			

Requirement – Test case	Basic standard(s)	Verdict	Remark
RF Output Power	FCC Part 22 & 24 & 27 & 90	PASS	Test data please refer to **Appendix A**
Radiated Emissions	FCC Part 22 & 24 & 27 & 90	PASS	Test data please refer to **Appendix B**

3.4 Test Matrix

Test item	Model : POS Terminal	
	SN: 82240521970040	SN: 82240521970039
RF Output Power	☒	☐
Radiated Emissions	☐	☒
Note1: The only difference between sample #1 and sample #2 is whether to keep the original antenna, sample #1 is a conduction test product that removes the original antenna and is equipped with SMA wires, and sample #2 is a complete product that retains the original antenna.		

3.5 Test Facility

USA	**:**	**FCC Designation Number: CN1199**

4 TEST RESULTS

4.1 Effective (Isotropic) Radiated Power Output	VERDICT: PASS

4.1.1 Limit

Standard Part NO.

47 CFR FCC Part 2 (Section 2.1046)
47 CFR FCC Part 22 (Section 22.913)
47 CFR FCC Part 24 (Section 24.232)
47 CFR FCC Part 27 (Section 27.50)
47 CFR FCC Part 90 (Section 90.542(a))

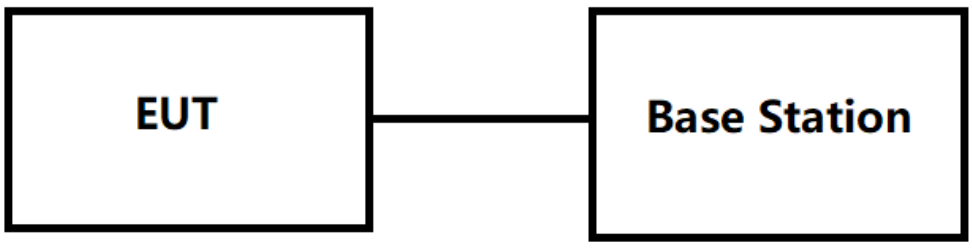
UE Power Class:3 (23 +/-2dBm).The allowed aximum Power Reduction (MPR) for the maximum output poweldue to higher order modulation and transmit bandwidth confiquration (resource blocks) is specified in Table 6.2.3-of the 3GPP TS36.101.

Table 6.2.3-1: Maximum Power Reduction (MPR) for Power Class 3

Modulation	Channel bandwidth / Transmission bandwidth (RB)						MPR (dB)
	1.4 MHz	3.0 MHz	5 MHz	10 MHz	15 MHz	20 MHz	
QPSK	> 5	> 4	> 8	> 12	> 16	> 18	≤ 1
16 QAM	≤ 5	≤ 4	≤ 8	≤ 12	≤ 16	≤ 18	≤ 1
16 QAM	> 5	> 4	> 8	> 12	> 16	> 18	≤ 2

The allowed A-MPR values specified below in Table 6.2.4.-1 of 3GP TS36.101 are in addition to the allowedMPR reauirements, All the measurements below were performed with A-MPR disabled, by using NetworkSignaling Value of“NS 01”.3

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

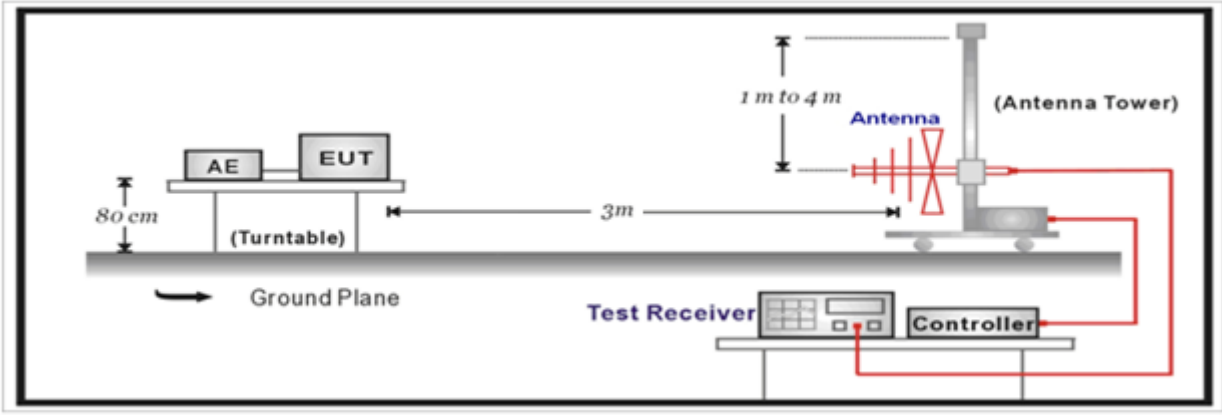
4.2 Radiated Emissions	VERDICT: PASS

4.2.1 Limit

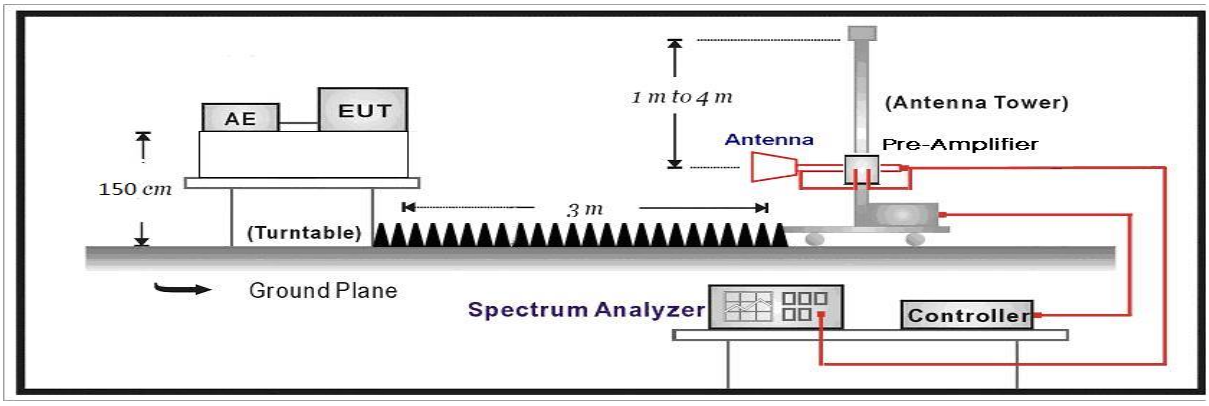
Standard Part NO.
47 CFR FCC Part 2 (Section 2.1053) 47 CFR FCC Part 22 (Section 22.917) 47 CFR FCC Part 24 (Section 24.238) 47 CFR FCC Part 27 (Section 27.53) 47 CFR FCC Part 90 (Section 90.691)
§22.917 (e) and §24.238 and §90.691 (a): ouof band emissions. The power of any emission outsidemust be attenuated below the transmitting power (P) byof the authorized operating frequency rangesa factor of at least 43 + 10 log (P) dB. §27.53 (g)For operations in the 698-746 MH)band, the power of any emission outside a licensee'sated below the transmitter power (P) within the licensedfrequency band(s) of operation shall be attenit least 43 + 10 l0g (P) dB.band(s) of operation, measured in watts, by. §27.53 (h)For operations in the 1710-1755 MHz and 2110-2155 MHz bands, the power of anyemission outside a licensee's frequency blocshall be attenuated below the transmitter power (P) byat least 43 + 10 log10(P) dB.

4.2.2 Test Setup

30MHz-1GHz Test Setup:



Above 1GHz Test Setup:



4.2.3 Test Procedure

	Reference Rule	Chapter	Description
☒	ANSI C63.26	5.5	Radiated emissions testing

The spectrum was scanned from 9 kHz to the 10th harmonic of the highest frequency generated within the equipment.

Emissions below 18 GHz were measured at a 3 meter test distance.

The EUT was tested in three orthogonal axes and in all possible test configurations and poisoning when measurement antenna is orented n both horizontal and vertical polarization, the worst case emissions was showed in the report.

Radiated emissions were used the substitution method descried in ANSI/TIA-603-E-2016.

Radiated emissions were measured with 100kHz RBW below 1GHz and 1MHz RBW above 1GHz.

According to specification, the power of emissions shall be attenuated below the transmitter power (P) by a factor of at least X + 10 log (P) dB. P in watts. The specification can be interpreted as an absolute limit when the specified attenuation is actually subtracted from the maximum permissible transmitter power [i.e., 10 log P – {X + 10 log P}], resulting in an absolute level of -X dBW [or (-X + 30) dBm].

5 TEST SETUP PHOTO AND EUT PHOTO

Remark: The test setup photo and EUT Photo please see appendix.

6 TEST RESULT

Appendix A: RF Output Power

Band 2										
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	22.96	23.01	22.76	21.15	21.20	20.95	PASS
20	QPSK	1	49	22.62	22.67	22.99	20.81	20.86	21.18	
20	QPSK	1	99	22.61	22.66	22.64	20.80	20.85	20.83	
20	QPSK	50	0	21.83	22.03	21.71	20.02	20.22	19.90	
20	QPSK	50	24	21.75	22.01	21.71	19.94	20.20	19.90	
20	QPSK	50	50	21.88	21.88	21.89	20.07	20.07	20.08	
20	QPSK	100	0	21.67	21.88	21.64	19.86	20.07	19.83	
20	16QAM	1	0	22.00	21.93	21.77	20.19	20.12	19.96	
20	16QAM	1	49	21.53	21.64	21.92	19.72	19.83	20.11	
20	16QAM	1	99	21.52	21.62	21.54	19.71	19.81	19.73	
20	16QAM	50	0	20.85	21.09	20.75	19.04	19.28	18.94	
20	16QAM	50	24	20.81	21.01	20.71	19.00	19.20	18.90	
20	16QAM	50	50	20.81	20.88	20.98	19.00	19.07	19.17	
20	16QAM	100	0	20.58	20.45	20.68	18.77	18.64	18.87	
Channel				18675	18900	19125	18675	18900	19125	Verdict
Frequency (MHz)				1857.5	1880	1902.5	1857.5	1880	1902.5	
15	QPSK	1	0	22.82	22.89	22.58	21.01	21.08	20.77	PASS
15	QPSK	1	37	22.40	22.56	22.85	20.59	20.75	21.04	
15	QPSK	1	74	22.47	22.49	22.42	20.66	20.68	20.61	
15	QPSK	36	0	21.63	21.80	21.56	19.82	19.99	19.75	
15	QPSK	36	20	21.60	21.85	21.54	19.79	20.04	19.73	
15	QPSK	36	39	21.68	21.75	21.71	19.87	19.94	19.90	
15	QPSK	75	0	21.53	21.27	21.57	19.72	19.46	19.76	
15	16QAM	1	0	21.86	21.76	21.69	20.05	19.95	19.88	
15	16QAM	1	37	21.30	21.46	21.80	19.49	19.65	19.99	
15	16QAM	1	74	21.45	21.49	21.45	19.64	19.68	19.64	
15	16QAM	36	0	20.77	20.88	20.65	18.96	19.07	18.84	
15	16QAM	36	20	20.71	20.79	20.57	18.90	18.98	18.76	
15	16QAM	36	39	20.72	20.80	20.83	18.91	18.99	19.02	
15	16QAM	75	0	20.38	20.32	20.54	18.57	18.51	18.73	
Channel				18650	18900	19150	18650	18900	19150	Verdict
Frequency (MHz)				1855	1880	1905	1855	1880	1905	
10	QPSK	1	0	22.84	22.91	22.57	21.03	21.10	20.76	PASS
10	QPSK	1	25	22.45	22.60	22.90	20.64	20.79	21.09	
10	QPSK	1	49	22.47	22.47	22.48	20.66	20.66	20.67	
10	QPSK	25	0	21.71	21.92	21.58	19.90	20.11	19.77	
10	QPSK	25	12	21.65	21.82	21.54	19.84	20.01	19.73	
10	QPSK	25	25	21.70	21.71	21.79	19.89	19.90	19.98	
10	QPSK	50	0	21.59	21.33	21.55	19.78	19.52	19.74	

10	16QAM	1	0	21.92	21.73	21.55	20.11	19.92	19.74	
10	16QAM	1	25	21.36	21.56	21.73	19.55	19.75	19.92	
10	16QAM	1	49	21.32	21.49	21.37	19.51	19.68	19.56	
10	16QAM	25	0	20.63	20.93	20.66	18.82	19.12	18.85	
10	16QAM	25	12	20.66	20.85	20.55	18.85	19.04	18.74	
10	16QAM	25	25	20.68	20.78	20.88	18.87	18.97	19.07	
10	16QAM	50	0	20.36	20.37	20.56	18.55	18.56	18.75	
Channel				18625	18900	19175	18625	18900	19175	Verdict
Frequency (MHz)				1852.5	1880	1907.5	1852.5	1880	1907.5	
5	QPSK	1	0	22.89	22.86	22.64	21.08	21.05	20.83	
5	QPSK	1	12	22.42	22.51	22.89	20.61	20.70	21.08	
5	QPSK	1	24	22.50	22.51	22.41	20.69	20.70	20.60	
5	QPSK	12	0	21.72	21.88	21.60	19.91	20.07	19.79	
5	QPSK	12	7	21.58	21.81	21.50	19.77	20.00	19.69	
5	QPSK	12	13	21.81	21.79	21.72	20.00	19.98	19.91	
5	QPSK	25	0	21.45	21.28	21.41	19.64	19.47	19.60	
5	16QAM	1	0	21.90	21.77	21.68	20.09	19.96	19.87	PASS
5	16QAM	1	12	21.33	21.55	21.83	19.52	19.74	20.02	
5	16QAM	1	24	21.37	21.51	21.32	19.56	19.70	19.51	
5	16QAM	12	0	20.76	20.93	20.55	18.95	19.12	18.74	
5	16QAM	12	7	20.59	20.81	20.63	18.78	19.00	18.82	
5	16QAM	12	13	20.67	20.73	20.83	18.86	18.92	19.02	
5	16QAM	25	0	20.47	20.28	20.48	18.66	18.47	18.67	
Channel				18615	18900	19185	18615	18900	19185	Verdict
Frequency (MHz)				1851.5	1880	1908.5	1851.5	1880	1908.5	
3	QPSK	1	0	22.85	22.93	22.61	21.04	21.12	20.80	
3	QPSK	1	8	22.39	22.57	22.83	20.58	20.76	21.02	
3	QPSK	1	14	22.42	22.58	22.54	20.61	20.77	20.73	
3	QPSK	8	0	21.75	21.80	21.58	19.94	19.99	19.77	
3	QPSK	8	4	21.53	21.93	21.54	19.72	20.12	19.73	
3	QPSK	8	7	21.77	21.79	21.72	19.96	19.98	19.91	
3	QPSK	15	0	21.52	21.28	21.41	19.71	19.47	19.60	
3	16QAM	1	0	21.83	21.81	21.61	20.02	20.00	19.80	PASS
3	16QAM	1	8	21.31	21.44	21.73	19.50	19.63	19.92	
3	16QAM	1	14	21.36	21.50	21.42	19.55	19.69	19.61	
3	16QAM	8	0	20.77	21.01	20.54	18.96	19.20	18.73	
3	16QAM	8	4	20.74	20.92	20.51	18.93	19.11	18.70	
3	16QAM	8	7	20.59	20.70	20.79	18.78	18.89	18.98	
3	16QAM	15	0	20.46	20.24	20.49	18.65	18.43	18.68	
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	22.87	22.86	22.63	21.06	21.05	20.82	
1.4	QPSK	1	3	22.41	22.55	22.87	20.60	20.74	21.06	
1.4	QPSK	1	5	22.42	22.45	22.53	20.61	20.64	20.72	
1.4	QPSK	3	0	22.81	22.84	22.66	21.00	21.03	20.85	
1.4	QPSK	3	1	22.49	22.56	22.80	20.68	20.75	20.99	PASS
1.4	QPSK	3	3	22.43	22.46	22.52	20.62	20.65	20.71	
1.4	QPSK	6	0	21.45	21.36	21.51	19.64	19.55	19.70	
1.4	16QAM	1	0	21.80	21.82	21.63	19.99	20.01	19.82	
1.4	16QAM	1	3	21.35	21.43	21.73	19.54	19.62	19.92	

1.4	16QAM	1	5	21.41	21.49	21.39	19.60	19.68	19.58	
1.4	16QAM	3	0	21.84	21.75	21.67	20.03	19.94	19.86	
1.4	16QAM	3	1	21.35	21.48	21.82	19.54	19.67	20.01	
1.4	16QAM	3	3	21.42	21.46	21.43	19.61	19.65	19.62	
1.4	16QAM	6	0	20.41	20.26	20.57	18.60	18.45	18.76	

Band 4

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	22.99	23.03	22.71	22.43	22.47	22.15	PASS
20	QPSK	1	49	22.66	22.66	23.03	22.10	22.10	22.47	
20	QPSK	1	99	22.65	22.62	22.70	22.09	22.06	22.14	
20	QPSK	50	0	21.78	22.06	21.66	21.22	21.50	21.10	
20	QPSK	50	24	21.67	21.94	21.64	21.11	21.38	21.08	
20	QPSK	50	50	21.93	21.95	21.89	21.37	21.39	21.33	
20	QPSK	100	0	21.59	21.94	21.72	21.03	21.38	21.16	
20	16QAM	1	0	21.97	21.95	21.85	21.41	21.39	21.29	
20	16QAM	1	49	21.58	21.71	21.92	21.02	21.15	21.36	
20	16QAM	1	99	21.50	21.65	21.47	20.94	21.09	20.91	
20	16QAM	50	0	20.92	21.03	20.76	20.36	20.47	20.20	
20	16QAM	50	24	20.87	21.01	20.64	20.31	20.45	20.08	
20	16QAM	50	50	20.86	20.83	20.92	20.30	20.27	20.36	
20	16QAM	100	0	20.51	20.49	20.62	19.95	19.93	20.06	
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	22.76	22.89	22.69	22.20	22.33	22.13	PASS
15	QPSK	1	37	22.49	22.54	22.84	21.93	21.98	22.28	
15	QPSK	1	74	22.44	22.55	22.48	21.88	21.99	21.92	
15	QPSK	36	0	21.64	21.88	21.52	21.08	21.32	20.96	
15	QPSK	36	20	21.70	21.83	21.66	21.14	21.27	21.10	
15	QPSK	36	39	21.77	21.82	21.78	21.21	21.26	21.22	
15	QPSK	75	0	21.57	21.84	21.57	21.01	21.28	21.01	
15	16QAM	1	0	21.85	21.86	21.72	21.29	21.30	21.16	
15	16QAM	1	37	21.40	21.53	21.79	20.84	20.97	21.23	
15	16QAM	1	74	21.46	21.48	21.40	20.90	20.92	20.84	
15	16QAM	36	0	20.65	20.90	20.56	20.09	20.34	20.00	
15	16QAM	36	20	20.61	20.91	20.54	20.05	20.35	19.98	
15	16QAM	36	39	20.66	20.68	20.94	20.10	20.12	20.38	
15	16QAM	75	0	20.44	20.26	20.59	19.88	19.70	20.03	
Channel				20000	20175	20350	20000	20175	20350	Verdict
Frequency (MHz)				1715	1732.5	1750	1715	1732.5	1750	
10	QPSK	1	0	22.90	22.94	22.65	22.34	22.38	22.09	PASS
10	QPSK	1	25	22.46	22.55	22.81	21.90	21.99	22.25	
10	QPSK	1	49	22.57	22.50	22.56	22.01	21.94	22.00	
10	QPSK	25	0	21.71	21.96	21.62	21.15	21.40	21.06	

10	QPSK	25	12	21.61	21.96	21.51	21.05	21.40	20.95	
10	QPSK	25	25	21.74	21.76	21.77	21.18	21.20	21.21	
10	QPSK	50	0	21.50	21.83	21.52	20.94	21.27	20.96	
10	16QAM	1	0	21.83	21.80	21.69	21.27	21.24	21.13	
10	16QAM	1	25	21.45	21.56	21.75	20.89	21.00	21.19	
10	16QAM	1	49	21.33	21.49	21.41	20.77	20.93	20.85	
10	16QAM	25	0	20.75	21.01	20.66	20.19	20.45	20.10	
10	16QAM	25	12	20.64	20.91	20.63	20.08	20.35	20.07	
10	16QAM	25	25	20.70	20.68	20.89	20.14	20.12	20.33	
10	16QAM	50	0	20.39	20.40	20.50	19.83	19.84	19.94	
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	22.80	22.93	22.68	22.24	22.37	22.12	
5	QPSK	1	12	22.56	22.52	22.94	22.00	21.96	22.38	
5	QPSK	1	24	22.49	22.61	22.54	21.93	22.05	21.98	
5	QPSK	12	0	21.65	21.88	21.58	21.09	21.32	21.02	
5	QPSK	12	7	21.71	21.96	21.65	21.15	21.40	21.09	
5	QPSK	12	13	21.70	21.83	21.84	21.14	21.27	21.28	
5	QPSK	25	0	21.51	21.78	21.50	20.95	21.22	20.94	
5	16QAM	1	0	21.80	21.88	21.59	21.24	21.32	21.03	
5	16QAM	1	12	21.40	21.50	21.82	20.84	20.94	21.26	
5	16QAM	1	24	21.34	21.46	21.34	20.78	20.90	20.78	
5	16QAM	12	0	20.66	21.01	20.69	20.10	20.45	20.13	
5	16QAM	12	7	20.71	20.92	20.55	20.15	20.36	19.99	
5	16QAM	12	13	20.62	20.78	20.91	20.06	20.22	20.35	
5	16QAM	25	0	20.46	20.29	20.59	19.90	19.73	20.03	
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	22.85	22.87	22.61	22.29	22.31	22.05	
3	QPSK	1	8	22.58	22.51	22.80	22.02	21.95	22.24	
3	QPSK	1	14	22.49	22.51	22.57	21.93	21.95	22.01	
3	QPSK	8	0	21.75	21.87	21.56	21.19	21.31	21.00	
3	QPSK	8	4	21.60	21.87	21.52	21.04	21.31	20.96	
3	QPSK	8	7	21.83	21.77	21.84	21.27	21.21	21.28	
3	QPSK	15	0	21.48	21.72	21.45	20.92	21.16	20.89	
3	16QAM	1	0	21.95	21.80	21.73	21.39	21.24	21.17	
3	16QAM	1	8	21.44	21.44	21.84	20.88	20.88	21.28	
3	16QAM	1	14	21.38	21.53	21.40	20.82	20.97	20.84	
3	16QAM	8	0	20.71	20.92	20.69	20.15	20.36	20.13	
3	16QAM	8	4	20.71	20.87	20.54	20.15	20.31	19.98	
3	16QAM	8	7	20.73	20.68	20.91	20.17	20.12	20.35	
3	16QAM	15	0	20.41	20.33	20.54	19.85	19.77	19.98	
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	22.95	22.80	22.60	22.39	22.24	22.04	
1.4	QPSK	1	3	22.36	22.55	22.91	21.80	21.99	22.35	
1.4	QPSK	1	5	22.50	22.52	22.56	21.94	21.96	22.00	
1.4	QPSK	3	0	22.80	22.90	22.62	22.24	22.34	22.06	
1.4	QPSK	3	1	22.50	22.62	22.84	21.94	22.06	22.28	
1.4	QPSK	3	3	22.35	22.44	22.45	21.79	21.88	21.89	

1.4	QPSK	6	0	21.49	21.32	21.58	20.93	20.76	21.02	
1.4	16QAM	1	0	21.85	21.78	21.56	21.29	21.22	21.00	
1.4	16QAM	1	3	21.29	21.41	21.74	20.73	20.85	21.18	
1.4	16QAM	1	5	21.40	21.43	21.37	20.84	20.87	20.81	
1.4	16QAM	3	0	21.84	21.76	21.67	21.28	21.20	21.11	
1.4	16QAM	3	1	21.37	21.55	21.75	20.81	20.99	21.19	
1.4	16QAM	3	3	21.38	21.39	21.47	20.82	20.83	20.91	
1.4	16QAM	6	0	20.41	20.29	20.58	19.85	19.73	20.02	

Band 5

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	23.51	23.67	23.38	19.40	19.56	19.27	PASS
10	QPSK	1	25	23.24	23.31	23.65	19.13	19.20	19.54	
10	QPSK	1	49	23.21	23.29	23.26	19.10	19.18	19.15	
10	QPSK	25	0	22.44	22.63	22.28	18.33	18.52	18.17	
10	QPSK	25	12	22.30	22.51	22.28	18.19	18.40	18.17	
10	QPSK	25	25	22.57	22.56	22.44	18.46	18.45	18.33	
10	QPSK	50	0	22.26	22.58	22.28	18.15	18.47	18.17	
10	16QAM	1	0	22.56	22.58	22.47	18.45	18.47	18.36	
10	16QAM	1	25	22.21	22.33	22.53	18.10	18.22	18.42	
10	16QAM	1	49	22.04	22.20	22.12	17.93	18.09	18.01	
10	16QAM	25	0	21.51	21.70	21.29	17.40	17.59	17.18	
10	16QAM	25	12	21.42	21.61	21.27	17.31	17.50	17.16	
10	16QAM	25	25	21.39	21.50	21.49	17.28	17.39	17.38	
10	16QAM	50	0	21.19	21.04	21.19	17.08	16.93	17.08	
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	23.45	23.61	23.28	19.34	19.50	19.17	PASS
5	QPSK	1	12	23.10	23.14	23.46	18.99	19.03	19.35	
5	QPSK	1	24	23.22	23.13	23.20	19.11	19.02	19.09	
5	QPSK	12	0	22.33	22.57	22.16	18.22	18.46	18.05	
5	QPSK	12	7	22.23	22.44	22.18	18.12	18.33	18.07	
5	QPSK	12	13	22.46	22.42	22.36	18.35	18.31	18.25	
5	QPSK	25	0	22.15	22.37	22.27	18.04	18.26	18.16	
5	16QAM	1	0	22.47	22.51	22.42	18.36	18.40	18.31	
5	16QAM	1	12	22.12	22.27	22.48	18.01	18.16	18.37	
5	16QAM	1	24	22.06	22.13	21.93	17.95	18.02	17.82	
5	16QAM	12	0	21.39	21.47	21.30	17.28	17.36	17.19	
5	16QAM	12	7	21.37	21.57	21.13	17.26	17.46	17.02	
5	16QAM	12	13	21.35	21.27	21.42	17.24	17.16	17.31	
5	16QAM	25	0	21.08	20.99	21.07	16.97	16.88	16.96	
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	23.32	23.60	23.22	19.21	19.49	19.11	PASS

3	QPSK	1	8	23.20	23.10	23.56	19.09	18.99	19.45	
3	QPSK	1	14	23.10	23.15	23.21	18.99	19.04	19.10	
3	QPSK	8	0	22.25	22.60	22.15	18.14	18.49	18.04	
3	QPSK	8	4	22.12	22.43	22.07	18.01	18.32	17.96	
3	QPSK	8	7	22.46	22.50	22.43	18.35	18.39	18.32	
3	QPSK	15	0	22.08	22.44	22.24	17.97	18.33	18.13	
3	16QAM	1	0	22.43	22.51	22.36	18.32	18.40	18.25	
3	16QAM	1	8	22.13	22.26	22.37	18.02	18.15	18.26	
3	16QAM	1	14	22.05	22.23	21.90	17.94	18.12	17.79	
3	16QAM	8	0	21.41	21.55	21.24	17.30	17.44	17.13	
3	16QAM	8	4	21.33	21.56	21.12	17.22	17.45	17.01	
3	16QAM	8	7	21.33	21.25	21.46	17.22	17.14	17.35	
3	16QAM	15	0	21.06	21.03	21.19	16.95	16.92	17.08	
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	23.43	23.57	23.26	19.32	19.46	19.15	
1.4	QPSK	1	3	23.24	23.09	23.46	19.13	18.98	19.35	
1.4	QPSK	1	5	23.08	23.09	23.23	18.97	18.98	19.12	
1.4	QPSK	3	0	23.43	23.57	23.26	19.32	19.46	19.15	
1.4	QPSK	3	1	23.24	23.09	23.46	19.13	18.98	19.35	
1.4	QPSK	3	3	23.08	23.09	23.23	18.97	18.98	19.12	
1.4	QPSK	6	0	22.04	22.41	22.26	17.93	18.30	18.15	
1.4	16QAM	1	0	22.42	22.52	22.34	18.31	18.41	18.23	PASS
1.4	16QAM	1	3	22.14	22.29	22.36	18.03	18.18	18.25	
1.4	16QAM	1	5	22.04	22.07	21.98	17.93	17.96	17.87	
1.4	16QAM	3	0	22.13	22.38	22.16	18.02	18.27	18.05	
1.4	16QAM	3	1	22.37	22.40	22.32	18.26	18.29	18.21	
1.4	16QAM	3	3	22.04	22.41	22.26	17.93	18.30	18.15	
1.4	16QAM	6	0	20.99	20.91	21.12	16.88	16.80	17.01	

Band 7

BW [MHz]	Modulation	RB Size	RB Offset	Conducted Power(dBm)			EIRP(dBm)			Verdict
Channel				20850	21100	21350	20850	21100	21350	
Frequency (MHz)				2510	2535	2560	2510	2535	2560	
20	QPSK	1	0	23.27	23.39	23.06	19.26	19.38	19.05	
20	QPSK	1	49	23.02	23.10	23.37	19.01	19.09	19.36	
20	QPSK	1	99	23.02	23.10	23.15	19.01	19.09	19.14	
20	QPSK	50	0	22.16	22.42	22.00	18.15	18.41	17.99	
20	QPSK	50	24	22.10	22.31	22.01	18.09	18.30	18.00	
20	QPSK	50	50	22.33	22.32	22.22	18.32	18.31	18.21	
20	QPSK	100	0	22.06	22.37	22.16	18.05	18.36	18.15	PASS
20	16QAM	1	0	22.43	22.34	22.23	18.42	18.33	18.22	
20	16QAM	1	49	22.00	22.05	22.30	17.99	18.04	18.29	
20	16QAM	1	99	21.85	22.08	21.81	17.84	18.07	17.80	
20	16QAM	50	0	21.27	21.48	21.10	17.26	17.47	17.09	
20	16QAM	50	24	21.20	21.39	20.99	17.19	17.38	16.98	

20	16QAM	50	50	21.20	21.28	21.37	17.19	17.27	17.36	
20	16QAM	100	0	20.95	20.86	21.02	16.94	16.85	17.01	
Channel				20825	21100	21375	20825	21100	21375	Verdict
Frequency (MHz)				2507.5	2535	2562.5	2507.5	2535	2562.5	
15	QPSK	1	0	23.21	23.32	22.97	19.20	19.31	18.96	PASS
15	QPSK	1	37	22.95	22.97	23.26	18.94	18.96	19.25	
15	QPSK	1	74	22.89	22.91	22.97	18.88	18.90	18.96	
15	QPSK	36	0	22.11	22.43	22.03	18.10	18.42	18.02	
15	QPSK	36	20	21.99	22.19	21.96	17.98	18.18	17.95	
15	QPSK	36	39	22.30	22.20	22.20	18.29	18.19	18.19	
15	QPSK	75	0	21.89	22.24	22.04	17.88	18.23	18.03	
15	16QAM	1	0	22.32	22.26	22.13	18.31	18.25	18.12	
15	16QAM	1	37	21.82	22.07	22.25	17.81	18.06	18.24	
15	16QAM	1	74	21.73	21.94	21.77	17.72	17.93	17.76	
15	16QAM	36	0	21.30	21.36	21.10	17.29	17.35	17.09	
15	16QAM	36	20	21.21	21.37	20.92	17.20	17.36	16.91	
15	16QAM	36	39	21.23	21.06	21.23	17.22	17.05	17.22	
15	16QAM	75	0	20.75	20.85	20.85	16.74	16.84	16.84	
Channel				20800	21100	21400	20800	21100	21400	Verdict
Frequency (MHz)				2505	2535	2565	2505	2535	2565	
10	QPSK	1	0	23.20	23.28	22.95	19.19	19.27	18.94	PASS
10	QPSK	1	25	22.88	22.96	23.36	18.87	18.95	19.35	
10	QPSK	1	49	22.93	22.86	22.95	18.92	18.85	18.94	
10	QPSK	25	0	22.15	22.31	21.96	18.14	18.30	17.95	
10	QPSK	25	12	21.90	22.28	21.98	17.89	18.27	17.97	
10	QPSK	25	25	22.16	22.32	22.22	18.15	18.31	18.21	
10	QPSK	50	0	21.87	22.30	22.06	17.86	18.29	18.05	
10	16QAM	1	0	22.34	22.32	22.17	18.33	18.31	18.16	
10	16QAM	1	25	21.87	22.04	22.25	17.86	18.03	18.24	
10	16QAM	1	49	21.83	22.02	21.71	17.82	18.01	17.70	
10	16QAM	25	0	21.18	21.28	21.12	17.17	17.27	17.11	
10	16QAM	25	12	21.20	21.38	20.88	17.19	17.37	16.87	
10	16QAM	25	25	21.21	21.13	21.24	17.20	17.12	17.23	
10	16QAM	50	0	20.88	20.82	20.85	16.87	16.81	16.84	
Channel				20775	21100	21425	20775	21100	21425	Verdict
Frequency (MHz)				2502.5	2535	2567.5	2502.5	2535	2567.5	
5	QPSK	1	0	23.21	23.29	23.01	19.20	19.28	19.00	PASS
5	QPSK	1	12	22.99	23.02	23.39	18.98	19.01	19.38	
5	QPSK	1	24	22.99	22.91	22.93	18.98	18.90	18.92	
5	QPSK	12	0	22.06	22.31	21.99	18.05	18.30	17.98	
5	QPSK	12	7	22.05	22.29	21.99	18.04	18.28	17.98	
5	QPSK	12	13	22.17	22.25	22.25	18.16	18.24	18.24	
5	QPSK	25	0	21.91	22.27	22.00	17.90	18.26	17.99	
5	16QAM	1	0	22.24	22.19	22.09	18.23	18.18	18.08	
5	16QAM	1	12	21.94	22.08	22.20	17.93	18.07	18.19	
5	16QAM	1	24	21.73	21.93	21.85	17.72	17.92	17.84	
5	16QAM	12	0	21.15	21.29	21.10	17.14	17.28	17.09	
5	16QAM	12	7	21.23	21.23	20.89	17.22	17.22	16.88	
5	16QAM	12	13	21.11	21.05	21.16	17.10	17.04	17.15	
5	16QAM	25	0	20.81	20.71	20.99	16.80	16.70	16.98	

Band 12

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	23.75	23.88	23.54	19.64	19.77	19.43	PASS
10	QPSK	1	25	23.49	23.52	23.83	19.38	19.41	19.72	
10	QPSK	1	49	23.47	23.35	23.55	19.36	19.24	19.44	
10	QPSK	25	0	22.53	22.93	22.43	18.42	18.82	18.32	
10	QPSK	25	12	22.52	22.75	22.49	18.41	18.64	18.38	
10	QPSK	25	25	22.69	22.83	22.71	18.58	18.72	18.60	
10	QPSK	50	0	22.39	22.77	22.47	18.28	18.66	18.36	
10	16QAM	1	0	22.78	22.73	22.72	18.67	18.62	18.61	
10	16QAM	1	25	22.35	22.50	22.66	18.24	18.39	18.55	
10	16QAM	1	49	22.26	22.38	22.29	18.15	18.27	18.18	
10	16QAM	25	0	21.77	21.76	21.63	17.66	17.65	17.52	
10	16QAM	25	12	21.73	21.74	21.38	17.62	17.63	17.27	
10	16QAM	25	25	21.64	21.59	21.69	17.53	17.48	17.58	
10	16QAM	50	0	21.37	21.32	21.49	17.26	17.21	17.38	
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	23.53	23.75	23.45	19.42	19.64	19.34	PASS
5	QPSK	1	12	23.40	23.43	23.68	19.29	19.32	19.57	
5	QPSK	1	24	23.30	23.36	23.39	19.19	19.25	19.28	
5	QPSK	12	0	22.56	22.84	22.38	18.45	18.73	18.27	
5	QPSK	12	7	22.42	22.58	22.32	18.31	18.47	18.21	
5	QPSK	12	13	22.67	22.69	22.59	18.56	18.58	18.48	
5	QPSK	25	0	22.25	22.61	22.40	18.14	18.50	18.29	
5	16QAM	1	0	22.71	22.70	22.53	18.60	18.59	18.42	
5	16QAM	1	12	22.36	22.33	22.62	18.25	18.22	18.51	
5	16QAM	1	24	22.23	22.39	22.14	18.12	18.28	18.03	
5	16QAM	12	0	21.61	21.75	21.43	17.50	17.64	17.32	
5	16QAM	12	7	21.56	21.71	21.36	17.45	17.60	17.25	
5	16QAM	12	13	21.58	21.56	21.62	17.47	17.45	17.51	
5	16QAM	25	0	21.19	21.17	21.27	17.08	17.06	17.16	
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	23.51	23.78	23.35	19.40	19.67	19.24	PASS
3	QPSK	1	8	23.36	23.38	23.70	19.25	19.27	19.59	
3	QPSK	1	14	23.32	23.28	23.39	19.21	19.17	19.28	
3	QPSK	8	0	22.42	22.69	22.33	18.31	18.58	18.22	
3	QPSK	8	4	22.41	22.70	22.38	18.30	18.59	18.27	
3	QPSK	8	7	22.57	22.65	22.62	18.46	18.54	18.51	
3	QPSK	15	0	22.21	22.66	22.40	18.10	18.55	18.29	
3	16QAM	1	0	22.65	22.58	22.60	18.54	18.47	18.49	
3	16QAM	1	8	22.22	22.35	22.58	18.11	18.24	18.47	
3	16QAM	1	14	22.24	22.37	22.19	18.13	18.26	18.08	

3	16QAM	8	0	21.65	21.80	21.51	17.54	17.69	17.40	
3	16QAM	8	4	21.55	21.75	21.31	17.44	17.64	17.20	
3	16QAM	8	7	21.49	21.48	21.63	17.38	17.37	17.52	
3	16QAM	15	0	21.29	21.17	21.31	17.18	17.06	17.20	
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	23.55	23.75	23.44	19.44	19.64	19.33	PASS
1.4	QPSK	1	3	23.39	23.38	23.73	19.28	19.27	19.62	
1.4	QPSK	1	5	23.34	23.29	23.41	19.23	19.18	19.30	
1.4	QPSK	3	0	23.55	23.75	23.44	19.44	19.64	19.33	
1.4	QPSK	3	1	23.39	23.38	23.73	19.28	19.27	19.62	
1.4	QPSK	3	3	23.34	23.29	23.41	19.23	19.18	19.30	
1.4	QPSK	6	0	22.27	22.62	22.48	18.16	18.51	18.37	
1.4	16QAM	1	0	22.65	22.70	22.50	18.54	18.59	18.39	
1.4	16QAM	1	3	22.29	22.37	22.60	18.18	18.26	18.49	
1.4	16QAM	1	5	22.20	22.28	22.19	18.09	18.17	18.08	
1.4	16QAM	3	0	22.65	22.63	22.66	18.54	18.52	18.55	
1.4	16QAM	3	1	22.27	22.62	22.48	18.16	18.51	18.37	
1.4	16QAM	3	3	22.65	22.70	22.50	18.54	18.59	18.39	
1.4	16QAM	6	0	21.16	21.16	21.38	17.05	17.05	17.27	

Band 13

BW [MHz]	Modulation	RB Size	RB Offset	Conducted Power(dBm)			ERP(dBm)			Verdict
Channel				23230			23230			
Frequency (MHz)				782			782			
10	QPSK	1	0		23.64			19.53		PASS
10	QPSK	1	25		23.39			19.28		
10	QPSK	1	49		23.22			19.11		
10	QPSK	25	0		22.71			18.60		
10	QPSK	25	12		22.55			18.44		
10	QPSK	25	25		22.59			18.48		
10	QPSK	50	0		22.63			18.52		
10	16QAM	1	0		22.56			18.45		
10	16QAM	1	25		22.25			18.14		
10	16QAM	1	49		22.22			18.11		
10	16QAM	25	0		21.53			17.42		
10	16QAM	25	12		21.62			17.51		
10	16QAM	25	25		21.41			17.30		
10	16QAM	50	0		21.13			17.02		
Channel				23205	23230	23255	23205	23230	23255	Verdict
Frequency (MHz)				779.5	782	784.5	779.5	782	784.5	
5	QPSK	1	0	23.34	23.54	23.30	19.23	19.43	19.19	PASS
5	QPSK	1	12	23.16	23.27	23.54	19.05	19.16	19.43	
5	QPSK	1	24	23.06	23.20	23.18	18.95	19.09	19.07	
5	QPSK	12	0	22.32	22.68	22.12	18.21	18.57	18.01	
5	QPSK	12	7	22.18	22.45	22.08	18.07	18.34	17.97	

5	QPSK	12	13	22.52	22.55	22.37	18.41	18.44	18.26	
5	QPSK	25	0	22.04	22.33	22.21	17.93	18.22	18.10	
5	16QAM	1	0	22.56	22.47	22.29	18.45	18.36	18.18	
5	16QAM	1	12	22.22	22.14	22.36	18.11	18.03	18.25	
5	16QAM	1	24	21.95	22.15	21.97	17.84	18.04	17.86	
5	16QAM	12	0	21.40	21.62	21.22	17.29	17.51	17.11	
5	16QAM	12	7	21.44	21.48	21.09	17.33	17.37	16.98	
5	16QAM	12	13	21.45	21.43	21.34	17.34	17.32	17.23	
5	16QAM	25	0	20.92	21.01	21.05	16.81	16.90	16.94	

Band 14

BW [MHz]	Modulation	RB Size	RB Offset	Conducted Power(dBm)			ERP(dBm)			Verdict
Channel					23330			23330		
Frequency (MHz)					793			793		
10	QPSK	1	0		23.44			19.33		PASS
10	QPSK	1	25		23.23			19.12		
10	QPSK	1	49		23.02			18.91		
10	QPSK	25	0		22.43			18.32		
10	QPSK	25	12		22.38			18.27		
10	QPSK	25	25		22.36			18.25		
10	QPSK	50	0		22.40			18.29		
10	16QAM	1	0		22.35			18.24		
10	16QAM	1	25		22.01			17.90		
10	16QAM	1	49		22.09			17.98		
10	16QAM	25	0		21.25			17.14		
10	16QAM	25	12		21.50			17.39		
10	16QAM	25	25		21.25			17.14		
10	16QAM	50	0		20.86			16.75		
Channel				23305	23330	23355	23305	23330	23355	Verdict
Frequency (MHz)				790.5	793	795.5	790.5	793	795.5	
5	QPSK	1	0	23.07	23.29	23.07	18.96	19.18	18.96	PASS
5	QPSK	1	12	22.90	23.10	23.34	18.79	18.99	19.23	
5	QPSK	1	24	22.91	22.98	23.01	18.80	18.87	18.90	
5	QPSK	12	0	22.14	22.42	21.96	18.03	18.31	17.85	
5	QPSK	12	7	21.99	22.20	21.89	17.88	18.09	17.78	
5	QPSK	12	13	22.29	22.29	22.16	18.18	18.18	18.05	
5	QPSK	25	0	21.79	22.13	22.03	17.68	18.02	17.92	
5	16QAM	1	0	22.31	22.30	22.04	18.20	18.19	17.93	
5	16QAM	1	12	21.95	21.94	22.08	17.84	17.83	17.97	
5	16QAM	1	24	21.68	21.98	21.73	17.57	17.87	17.62	
5	16QAM	12	0	21.25	21.41	21.03	17.14	17.30	16.92	
5	16QAM	12	7	21.20	21.34	20.84	17.09	17.23	16.73	
5	16QAM	12	13	21.17	21.16	21.08	17.06	17.05	16.97	
5	16QAM	25	0	20.80	20.77	20.77	16.69	16.66	16.66	

Band 17

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	23.15	23.35	23.26	19.04	19.24	19.15	PASS
10	QPSK	1	25	22.99	22.98	23.33	18.88	18.87	19.22	
10	QPSK	1	49	22.94	22.89	23.01	18.83	18.78	18.90	
10	QPSK	25	0	22.04	22.30	21.99	17.93	18.19	17.88	
10	QPSK	25	12	21.92	22.20	22.01	17.81	18.09	17.90	
10	QPSK	25	25	22.25	22.23	22.26	18.14	18.12	18.15	
10	QPSK	50	0	21.87	22.22	22.08	17.76	18.11	17.97	
10	16QAM	1	0	22.25	22.30	22.10	18.14	18.19	17.99	
10	16QAM	1	25	21.89	21.97	22.20	17.78	17.86	18.09	
10	16QAM	1	49	21.80	21.88	21.79	17.69	17.77	17.68	
10	16QAM	25	0	21.21	21.31	21.10	17.10	17.20	16.99	
10	16QAM	25	12	21.22	21.29	20.89	17.11	17.18	16.78	
10	16QAM	25	25	21.11	21.06	21.23	17.00	16.95	17.12	
10	16QAM	50	0	20.76	20.76	20.98	16.65	16.65	16.87	
Channel				23755	23790	23825	23755	23790	23825	Verdict
Frequency (MHz)				706.5	710	713.5	706.5	710	713.5	
5	QPSK	1	0	22.99	23.19	22.84	18.88	19.08	18.73	PASS
5	QPSK	1	12	22.68	22.80	23.06	18.57	18.69	18.95	
5	QPSK	1	24	22.82	22.77	22.87	18.71	18.66	18.76	
5	QPSK	12	0	21.95	22.21	21.80	17.84	18.10	17.69	
5	QPSK	12	7	21.71	22.05	21.67	17.60	17.94	17.56	
5	QPSK	12	13	22.07	21.97	21.98	17.96	17.86	17.87	
5	QPSK	25	0	21.75	22.01	21.89	17.64	17.90	17.78	
5	16QAM	1	0	22.06	22.05	21.93	17.95	17.94	17.82	
5	16QAM	1	12	21.64	21.75	22.10	17.53	17.64	17.99	
5	16QAM	1	24	21.58	21.81	21.57	17.47	17.70	17.46	
5	16QAM	12	0	21.05	21.12	20.91	16.94	17.01	16.80	
5	16QAM	12	7	21.03	21.10	20.67	16.92	16.99	16.56	
5	16QAM	12	13	21.02	21.00	21.08	16.91	16.89	16.97	
5	16QAM	25	0	20.53	20.63	20.78	16.42	16.52	16.67	

Band 25

BW [MHz]	Modulation	RB Size	RB Offset	Conducted Power(dBm)			EIRP(dBm)			Verdict
Channel				26140	26340	26590	26140	26340	26590	
Frequency (MHz)				1860	1880	1905	1860	1880	1905	
20	QPSK	1	0	23.05	23.08	22.81	21.07	21.10	20.83	PASS
20	QPSK	1	49	22.80	22.87	23.11	20.82	20.89	21.13	
20	QPSK	1	99	22.76	22.81	22.71	20.78	20.83	20.73	

20	QPSK	50	0	21.94	22.15	21.89	19.96	20.17	19.91	
20	QPSK	50	24	21.83	22.11	21.83	19.85	20.13	19.85	
20	QPSK	50	50	21.94	21.97	22.01	19.96	19.99	20.03	
20	QPSK	100	0	21.76	21.97	21.77	19.78	19.99	19.79	
20	16QAM	1	0	22.09	22.11	21.86	20.11	20.13	19.88	
20	16QAM	1	49	21.65	21.69	22.09	19.67	19.71	20.11	
20	16QAM	1	99	21.71	21.67	21.63	19.73	19.69	19.65	
20	16QAM	50	0	20.96	21.26	20.86	18.98	19.28	18.88	
20	16QAM	50	24	20.91	21.14	20.80	18.93	19.16	18.82	
20	16QAM	50	50	20.85	21.05	21.06	18.87	19.07	19.08	
20	16QAM	100	0	20.71	20.55	20.80	18.73	18.57	18.82	
Channel				26115	26340	26615	26115	26340	26615	Verdict
Frequency (MHz)				1857.5	1880	1907.5	1857.5	1880	1907.5	
15	QPSK	1	0	22.93	22.98	22.76	20.95	21.00	20.78	
15	QPSK	1	37	22.57	22.65	22.92	20.59	20.67	20.94	
15	QPSK	1	74	22.53	22.69	22.62	20.55	20.71	20.64	
15	QPSK	36	0	21.80	21.94	21.70	19.82	19.96	19.72	
15	QPSK	36	20	21.72	21.92	21.64	19.74	19.94	19.66	
15	QPSK	36	39	21.84	21.79	21.86	19.86	19.81	19.88	
15	QPSK	75	0	21.63	21.82	21.65	19.65	19.84	19.67	
15	16QAM	1	0	22.03	21.89	21.65	20.05	19.91	19.67	PASS
15	16QAM	1	37	21.52	21.64	21.81	19.54	19.66	19.83	
15	16QAM	1	74	21.45	21.51	21.49	19.47	19.53	19.51	
15	16QAM	36	0	20.72	21.00	20.75	18.74	19.02	18.77	
15	16QAM	36	20	20.78	20.92	20.66	18.80	18.94	18.68	
15	16QAM	36	39	20.77	20.89	20.86	18.79	18.91	18.88	
15	16QAM	75	0	20.52	20.44	20.57	18.54	18.46	18.59	
Channel				26090	26340	26640	26090	26340	26640	Verdict
Frequency (MHz)				1855	1880	1910	1855	1880	1910	
10	QPSK	1	0	22.87	23.01	22.65	20.89	21.03	20.67	
10	QPSK	1	25	22.64	22.67	22.95	20.66	20.69	20.97	
10	QPSK	1	49	22.55	22.65	22.67	20.57	20.67	20.69	
10	QPSK	25	0	21.80	22.05	21.74	19.82	20.07	19.76	
10	QPSK	25	12	21.63	22.03	21.71	19.65	20.05	19.73	
10	QPSK	25	25	21.85	21.85	21.91	19.87	19.87	19.93	
10	QPSK	50	0	21.63	21.75	21.59	19.65	19.77	19.61	
10	16QAM	1	0	21.88	21.90	21.67	19.90	19.92	19.69	PASS
10	16QAM	1	25	21.46	21.54	21.79	19.48	19.56	19.81	
10	16QAM	1	49	21.50	21.55	21.50	19.52	19.57	19.52	
10	16QAM	25	0	20.74	21.04	20.77	18.76	19.06	18.79	
10	16QAM	25	12	20.72	20.95	20.64	18.74	18.97	18.66	
10	16QAM	25	25	20.71	20.81	20.88	18.73	18.83	18.90	
10	16QAM	50	0	20.57	20.45	20.69	18.59	18.47	18.71	
Channel				26065	26340	26665	26065	26340	26665	Verdict
Frequency (MHz)				1852.5	1880	1912.5	1852.5	1880	1912.5	
5	QPSK	1	0	22.91	22.99	22.63	20.93	21.01	20.65	
5	QPSK	1	12	22.52	22.55	22.94	20.54	20.57	20.96	
5	QPSK	1	24	22.58	22.64	22.64	20.60	20.66	20.66	PASS
5	QPSK	12	0	21.86	22.05	21.69	19.88	20.07	19.71	
5	QPSK	12	7	21.66	22.04	21.59	19.68	20.06	19.61	

5	QPSK	12	13	21.86	21.83	21.76	19.88	19.85	19.78	
5	QPSK	25	0	21.59	21.87	21.58	19.61	19.89	19.60	
5	16QAM	1	0	21.94	21.94	21.72	19.96	19.96	19.74	
5	16QAM	1	12	21.44	21.63	21.91	19.46	19.65	19.93	
5	16QAM	1	24	21.46	21.65	21.42	19.48	19.67	19.44	
5	16QAM	12	0	20.74	21.05	20.77	18.76	19.07	18.79	
5	16QAM	12	7	20.81	20.90	20.68	18.83	18.92	18.70	
5	16QAM	12	13	20.77	20.84	20.95	18.79	18.86	18.97	
5	16QAM	25	0	20.56	20.43	20.56	18.58	18.45	18.58	
Channel				26055	26340	26675	26055	26340	26675	Verdict
Frequency (MHz)				1851.5	1880	1913.5	1851.5	1880	1913.5	
3	QPSK	1	0	22.91	22.97	22.64	20.93	20.99	20.66	
3	QPSK	1	8	22.58	22.64	22.93	20.60	20.66	20.95	
3	QPSK	1	14	22.56	22.60	22.65	20.58	20.62	20.67	
3	QPSK	8	0	21.82	22.01	21.66	19.84	20.03	19.68	
3	QPSK	8	4	21.65	21.94	21.66	19.67	19.96	19.68	
3	QPSK	8	7	21.84	21.80	21.89	19.86	19.82	19.91	
3	QPSK	15	0	21.64	21.87	21.52	19.66	19.89	19.54	
3	16QAM	1	0	21.94	21.84	21.79	19.96	19.86	19.81	
3	16QAM	1	8	21.44	21.64	21.85	19.46	19.66	19.87	
3	16QAM	1	14	21.51	21.58	21.56	19.53	19.60	19.58	
3	16QAM	8	0	20.83	20.98	20.74	18.85	19.00	18.76	
3	16QAM	8	4	20.81	20.89	20.67	18.83	18.91	18.69	
3	16QAM	8	7	20.73	20.82	20.88	18.75	18.84	18.90	
3	16QAM	15	0	20.46	20.47	20.69	18.48	18.49	18.71	PASS
Channel				26047	26340	26683	26047	26340	26683	Verdict
Frequency (MHz)				1850.7	1880	1914.3	1850.7	1880	1914.3	
1.4	QPSK	1	0	22.95	23.00	22.71	20.97	21.02	20.73	
1.4	QPSK	1	3	22.63	22.55	22.94	20.65	20.57	20.96	
1.4	QPSK	1	5	22.54	22.63	22.66	20.56	20.65	20.68	
1.4	QPSK	3	0	22.88	22.97	22.64	20.90	20.99	20.66	
1.4	QPSK	3	1	22.51	22.60	22.89	20.53	20.62	20.91	
1.4	QPSK	3	3	22.63	22.54	22.57	20.65	20.56	20.59	
1.4	QPSK	6	0	21.60	21.77	21.51	19.62	19.79	19.53	
1.4	16QAM	1	0	21.96	21.92	21.76	19.98	19.94	19.78	
1.4	16QAM	1	3	21.55	21.59	21.85	19.57	19.61	19.87	
1.4	16QAM	1	5	21.45	21.61	21.56	19.47	19.63	19.58	
1.4	16QAM	3	0	21.93	21.83	21.77	19.95	19.85	19.79	
1.4	16QAM	3	1	21.50	21.66	21.83	19.52	19.68	19.85	
1.4	16QAM	3	3	21.47	21.54	21.49	19.49	19.56	19.51	
1.4	16QAM	6	0	20.55	20.48	20.67	18.57	18.50	18.69	PASS

Band 26

BW [MHz]	Modulation	RB Size	RB Offset	Conducted Power(dBm)			Verdict
Channel					26740		
Frequency (MHz)					819		
10	QPSK	1	0		23.51		PASS
10	QPSK	1	25		23.33		
10	QPSK	1	49		23.20		
10	QPSK	25	0		22.40		
10	QPSK	25	12		22.24		
10	QPSK	25	25		22.49		
10	QPSK	50	0		22.12		
10	16QAM	1	0		22.65		
10	16QAM	1	25		22.14		
10	16QAM	1	49		22.04		
10	16QAM	25	0		21.44		
10	16QAM	25	12		21.45		
10	16QAM	25	25		21.46		
10	16QAM	50	0		21.14		
Channel				26715	26740	26765	Verdict
Frequency (MHz)				816.5	819	821.5	
5	QPSK	1	0	23.53	23.46	23.15	PASS
5	QPSK	1	12	23.31	23.17	23.51	
5	QPSK	1	24	23.31	23.10	23.19	
5	QPSK	12	0	22.42	22.47	21.96	
5	QPSK	12	7	22.24	22.39	22.04	
5	QPSK	12	13	22.45	22.31	22.33	
5	QPSK	25	0	22.14	22.29	22.16	
5	16QAM	1	0	22.56	22.39	22.19	
5	16QAM	1	12	22.13	22.10	22.20	
5	16QAM	1	24	22.10	22.13	21.82	
5	16QAM	12	0	21.55	21.43	21.12	
5	16QAM	12	7	21.48	21.40	21.00	
5	16QAM	12	13	21.38	21.21	21.24	
5	16QAM	25	0	21.08	20.92	21.10	
Channel				26705	26740	26775	Verdict
Frequency (MHz)				815.5	819	822.5	
3	QPSK	1	0	23.51	23.33	23.10	PASS
3	QPSK	1	8	23.26	23.10	23.49	
3	QPSK	1	14	23.24	23.03	23.03	
3	QPSK	8	0	22.43	22.36	22.09	
3	QPSK	8	4	22.21	22.46	22.17	
3	QPSK	8	7	22.56	22.44	22.30	
3	QPSK	15	0	22.25	22.41	22.08	
3	16QAM	1	0	22.60	22.25	22.25	
3	16QAM	1	8	22.17	22.16	22.37	
3	16QAM	1	14	22.02	22.00	21.73	

3	16QAM	8	0	21.53	21.37	21.24	
3	16QAM	8	4	21.54	21.36	20.99	
3	16QAM	8	7	21.44	21.28	21.27	
3	16QAM	15	0	21.10	20.93	21.05	
Channel				26697	26740	26783	Verdict
Frequency (MHz)				814.7	819	823.3	
1.4	QPSK	1	0	23.51	23.48	23.20	PASS
1.4	QPSK	1	3	23.24	23.09	23.50	
1.4	QPSK	1	5	23.21	23.15	22.99	
1.4	QPSK	3	0	23.21	23.02	23.02	
1.4	QPSK	3	1	22.44	22.45	22.04	
1.4	QPSK	3	3	22.30	22.28	22.10	
1.4	QPSK	6	0	22.26	22.38	22.05	
1.4	16QAM	1	0	22.56	22.39	22.31	
1.4	16QAM	1	3	22.21	22.12	22.27	
1.4	16QAM	1	5	22.04	21.94	21.97	
1.4	16QAM	3	0	22.56	22.38	22.32	
1.4	16QAM	3	1	22.21	22.16	22.28	
1.4	16QAM	3	3	22.04	22.05	21.91	
1.4	16QAM	6	0	21.19	20.85	20.91	

Band 26

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	23.63	23.77	23.50	19.84	19.98	19.71	PASS
15	QPSK	1	37	23.33	23.46	23.65	19.54	19.67	19.86	
15	QPSK	1	74	23.32	23.28	23.45	19.53	19.49	19.66	
15	QPSK	36	0	22.56	22.82	22.37	18.77	19.03	18.58	
15	QPSK	36	20	22.35	22.62	22.36	18.56	18.83	18.57	
15	QPSK	36	39	22.66	22.74	22.57	18.87	18.95	18.78	
15	QPSK	75	0	22.30	22.63	22.51	18.51	18.84	18.72	
15	16QAM	1	0	22.70	22.74	22.57	18.91	18.95	18.78	
15	16QAM	1	37	22.35	22.43	22.66	18.56	18.64	18.87	
15	16QAM	1	74	22.20	22.41	22.14	18.41	18.62	18.35	
15	16QAM	36	0	21.72	21.69	21.51	17.93	17.90	17.72	
15	16QAM	36	20	21.68	21.77	21.39	17.89	17.98	17.60	
15	16QAM	36	39	21.58	21.63	21.63	17.79	17.84	17.84	
15	16QAM	75	0	21.25	21.16	21.32	17.46	17.37	17.53	
Channel				26840	26915	26990	26840	26915	26990	Verdict
Frequency (MHz)				829	836.5	844	829	836.5	844	
10	QPSK	1	0	23.45	23.57	23.34	19.66	19.78	19.55	PASS
10	QPSK	1	25	23.20	23.26	23.67	19.41	19.47	19.88	
10	QPSK	1	49	23.12	23.22	23.31	19.33	19.43	19.52	
10	QPSK	25	0	22.32	22.60	22.33	18.53	18.81	18.54	
10	QPSK	25	12	22.06	22.60	22.19	18.27	18.81	18.40	

10	QPSK	25	25	22.32	22.62	22.41	18.53	18.83	18.62	
10	QPSK	50	0	22.03	22.56	22.34	18.24	18.77	18.55	
10	16QAM	1	0	22.63	22.51	22.51	18.84	18.72	18.72	
10	16QAM	1	25	21.97	22.24	22.54	18.18	18.45	18.75	
10	16QAM	1	49	21.88	22.21	22.01	18.09	18.42	18.22	
10	16QAM	25	0	21.34	21.59	21.44	17.55	17.80	17.65	
10	16QAM	25	12	21.32	21.56	21.25	17.53	17.77	17.46	
10	16QAM	25	25	21.43	21.46	21.49	17.64	17.67	17.70	
10	16QAM	50	0	20.98	21.05	21.23	17.19	17.26	17.44	
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	23.44	23.62	23.31	19.65	19.83	19.52	
5	QPSK	1	12	23.15	23.32	23.66	19.36	19.53	19.87	
5	QPSK	1	24	23.23	23.26	23.37	19.44	19.47	19.58	
5	QPSK	12	0	22.33	22.70	22.23	18.54	18.91	18.44	
5	QPSK	12	7	22.16	22.58	22.20	18.37	18.79	18.41	
5	QPSK	12	13	22.35	22.58	22.57	18.56	18.79	18.78	
5	QPSK	25	0	22.11	22.48	22.37	18.32	18.69	18.58	
5	16QAM	1	0	22.42	22.61	22.43	18.63	18.82	18.64	
5	16QAM	1	12	22.06	22.32	22.45	18.27	18.53	18.66	
5	16QAM	1	24	21.93	22.31	22.10	18.14	18.52	18.31	
5	16QAM	12	0	21.52	21.68	21.39	17.73	17.89	17.60	
5	16QAM	12	7	21.42	21.68	21.21	17.63	17.89	17.42	
5	16QAM	12	13	21.33	21.47	21.46	17.54	17.68	17.67	
5	16QAM	25	0	21.02	21.12	21.27	17.23	17.33	17.48	
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	23.44	23.59	23.33	19.65	19.80	19.54	
3	QPSK	1	8	23.16	23.28	23.66	19.37	19.49	19.87	
3	QPSK	1	14	23.20	23.23	23.24	19.41	19.44	19.45	
3	QPSK	8	0	22.35	22.63	22.27	18.56	18.84	18.48	
3	QPSK	8	4	22.14	22.58	22.31	18.35	18.79	18.52	
3	QPSK	8	7	22.40	22.60	22.56	18.61	18.81	18.77	
3	QPSK	15	0	22.14	22.55	22.24	18.35	18.76	18.45	
3	16QAM	1	0	22.45	22.51	22.50	18.66	18.72	18.71	
3	16QAM	1	8	22.03	22.31	22.51	18.24	18.52	18.72	
3	16QAM	1	14	21.87	22.28	22.00	18.08	18.49	18.21	
3	16QAM	8	0	21.38	21.65	21.43	17.59	17.86	17.64	
3	16QAM	8	4	21.41	21.56	21.16	17.62	17.77	17.37	
3	16QAM	8	7	21.41	21.44	21.54	17.62	17.65	17.75	
3	16QAM	15	0	20.95	21.08	21.18	17.16	17.29	17.39	
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	23.49	23.62	23.38	19.70	19.83	19.59	
1.4	QPSK	1	3	23.09	23.31	23.65	19.30	19.52	19.86	
1.4	QPSK	1	5	23.08	23.29	23.26	19.29	19.50	19.47	
1.4	QPSK	3	0	23.16	23.29	23.26	19.37	19.50	19.47	
1.4	QPSK	3	1	22.33	22.63	22.28	18.54	18.84	18.49	
1.4	QPSK	3	3	22.27	22.51	22.28	18.48	18.72	18.49	
1.4	QPSK	6	0	22.11	22.58	22.28	18.32	18.79	18.49	

1.4	16QAM	1	0	22.49	22.58	22.47	18.70	18.79	18.68	
1.4	16QAM	1	3	22.12	22.33	22.53	18.33	18.54	18.74	
1.4	16QAM	1	5	22.02	22.20	22.12	18.23	18.41	18.33	
1.4	16QAM	3	0	22.51	22.58	22.47	18.72	18.79	18.68	
1.4	16QAM	3	1	22.09	22.33	22.53	18.30	18.54	18.74	
1.4	16QAM	3	3	21.88	22.20	22.12	18.09	18.41	18.33	
1.4	16QAM	6	0	21.12	21.04	21.19	17.33	17.25	17.40	

Band 66

BW [MHz]	Modulation	RB Size	RB Offset	Conducted Power(dBm)			EIRP(dBm)			Verdict
Channel				132072	132322	132572	132072	132322	132572	
Frequency (MHz)				1720	1745	1770	1720	1745	1770	
20	QPSK	1	0	22.91	22.94	22.63	22.35	22.38	22.07	PASS
20	QPSK	1	49	22.53	22.56	22.72	21.97	22.00	22.16	
20	QPSK	1	99	22.59	22.45	22.55	22.03	21.89	21.99	
20	QPSK	50	0	21.74	21.99	21.54	21.18	21.43	20.98	
20	QPSK	50	24	21.61	21.90	21.55	21.05	21.34	20.99	
20	QPSK	50	50	21.78	21.81	21.80	21.22	21.25	21.24	
20	QPSK	100	0	21.54	21.90	21.60	20.98	21.34	21.04	
20	16QAM	1	0	21.84	21.91	21.69	21.28	21.35	21.13	
20	16QAM	1	49	21.46	21.58	21.86	20.90	21.02	21.30	
20	16QAM	1	99	21.34	21.58	21.41	20.78	21.02	20.85	
20	16QAM	50	0	20.87	20.92	20.67	20.31	20.36	20.11	
20	16QAM	50	24	20.84	20.88	20.54	20.28	20.32	19.98	
20	16QAM	50	50	20.76	20.76	20.89	20.20	20.20	20.33	
20	16QAM	100	0	20.35	20.33	20.59	19.79	19.77	20.03	
Channel				132047	132322	132597	132047	132322	132597	Verdict
Frequency (MHz)				1717.5	1745	1772.5	1717.5	1745	1772.5	
15	QPSK	1	0	22.67	22.73	22.42	22.11	22.17	21.86	PASS
15	QPSK	1	37	22.46	22.38	22.83	21.90	21.82	22.27	
15	QPSK	1	74	22.39	22.27	22.43	21.83	21.71	21.87	
15	QPSK	36	0	21.44	21.73	21.38	20.88	21.17	20.82	
15	QPSK	36	20	21.37	21.71	21.33	20.81	21.15	20.77	
15	QPSK	36	39	21.58	21.72	21.58	21.02	21.16	21.02	
15	QPSK	75	0	21.37	21.73	21.47	20.81	21.17	20.91	
15	16QAM	1	0	21.62	21.75	21.58	21.06	21.19	21.02	
15	16QAM	1	37	21.34	21.40	21.66	20.78	20.84	21.10	
15	16QAM	1	74	21.20	21.35	21.26	20.64	20.79	20.70	
15	16QAM	36	0	20.64	20.76	20.41	20.08	20.20	19.85	
15	16QAM	36	20	20.63	20.73	20.30	20.07	20.17	19.74	
15	16QAM	36	39	20.52	20.49	20.61	19.96	19.93	20.05	
15	16QAM	75	0	20.16	20.17	20.29	19.60	19.61	19.73	
Channel				132022	132322	132622	132022	132322	132622	Verdict
Frequency (MHz)				1715	1745	1775	1715	1745	1775	
10	QPSK	1	0	22.78	22.75	22.38	22.22	22.19	21.82	PASS
10	QPSK	1	25	22.39	22.44	22.69	21.83	21.88	22.13	

10	QPSK	1	49	22.39	22.30	22.36	21.83	21.74	21.80	
10	QPSK	25	0	21.51	21.81	21.39	20.95	21.25	20.83	
10	QPSK	25	12	21.42	21.73	21.31	20.86	21.17	20.75	
10	QPSK	25	25	21.64	21.71	21.61	21.08	21.15	21.05	
10	QPSK	50	0	21.24	21.67	21.40	20.68	21.11	20.84	
10	16QAM	1	0	21.68	21.59	21.52	21.12	21.03	20.96	
10	16QAM	1	25	21.34	21.43	21.64	20.78	20.87	21.08	
10	16QAM	1	49	21.25	21.36	21.15	20.69	20.80	20.59	
10	16QAM	25	0	20.56	20.76	20.43	20.00	20.20	19.87	
10	16QAM	25	12	20.51	20.69	20.31	19.95	20.13	19.75	
10	16QAM	25	25	20.56	20.50	20.70	20.00	19.94	20.14	
10	16QAM	50	0	20.30	20.18	20.30	19.74	19.62	19.74	
Channel				131997	132322	132647	131997	132322	132647	Verdict
Frequency (MHz)				1712.5	1745	1777.5	1712.5	1745	1777.5	
5	QPSK	1	0	22.68	22.81	22.49	22.12	22.25	21.93	
5	QPSK	1	12	22.32	22.40	22.82	21.76	21.84	22.26	
5	QPSK	1	24	22.34	22.36	22.41	21.78	21.80	21.85	
5	QPSK	12	0	21.54	21.80	21.42	20.98	21.24	20.86	
5	QPSK	12	7	21.44	21.72	21.38	20.88	21.16	20.82	
5	QPSK	12	13	21.58	21.68	21.66	21.02	21.12	21.10	
5	QPSK	25	0	21.38	21.71	21.45	20.82	21.15	20.89	
5	16QAM	1	0	21.68	21.69	21.58	21.12	21.13	21.02	
5	16QAM	1	12	21.30	21.39	21.61	20.74	20.83	21.05	
5	16QAM	1	24	21.27	21.41	21.19	20.71	20.85	20.63	
5	16QAM	12	0	20.67	20.80	20.51	20.11	20.24	19.95	
5	16QAM	12	7	20.57	20.79	20.37	20.01	20.23	19.81	
5	16QAM	12	13	20.53	20.62	20.64	19.97	20.06	20.08	
5	16QAM	25	0	20.18	20.25	20.38	19.62	19.69	19.82	
Channel				131987	132322	132657	131987	132322	132657	Verdict
Frequency (MHz)				1711.5	1745	1778.5	1711.5	1745	1778.5	
3	QPSK	1	0	22.67	22.70	22.51	22.11	22.14	21.95	
3	QPSK	1	8	22.37	22.39	22.68	21.81	21.83	22.12	
3	QPSK	1	14	22.33	22.29	22.40	21.77	21.73	21.84	
3	QPSK	8	0	21.46	21.83	21.37	20.90	21.27	20.81	
3	QPSK	8	4	21.36	21.71	21.33	20.80	21.15	20.77	
3	QPSK	8	7	21.66	21.69	21.54	21.10	21.13	20.98	
3	QPSK	15	0	21.29	21.61	21.43	20.73	21.05	20.87	
3	16QAM	1	0	21.67	21.62	21.53	21.11	21.06	20.97	
3	16QAM	1	8	21.36	21.49	21.67	20.80	20.93	21.11	
3	16QAM	1	14	21.24	21.29	21.14	20.68	20.73	20.58	
3	16QAM	8	0	20.72	20.72	20.44	20.16	20.16	19.88	
3	16QAM	8	4	20.67	20.75	20.40	20.11	20.19	19.84	
3	16QAM	8	7	20.57	20.47	20.62	20.01	19.91	20.06	
3	16QAM	15	0	20.22	20.17	20.32	19.66	19.61	19.76	
Channel				131979	132322	132665	131979	132322	132665	Verdict
Frequency (MHz)				1710.7	1745	1779.3	1710.7	1745	1779.3	
1.4	QPSK	1	0	22.72	22.77	22.35	22.16	22.21	21.79	
1.4	QPSK	1	3	22.34	22.43	22.68	21.78	21.87	22.12	
1.4	QPSK	1	5	22.34	22.37	22.40	21.78	21.81	21.84	
1.4	QPSK	3	0	22.67	22.81	22.44	22.11	22.25	21.88	

1.4	QPSK	3	1	22.45	22.40	22.74	21.89	21.84	22.18	
1.4	QPSK	3	3	22.29	22.31	22.46	21.73	21.75	21.90	
1.4	QPSK	6	0	21.38	21.59	21.38	20.82	21.03	20.82	
1.4	16QAM	1	0	21.76	21.73	21.59	21.20	21.17	21.03	
1.4	16QAM	1	3	21.28	21.47	21.63	20.72	20.91	21.07	
1.4	16QAM	1	5	21.24	21.44	21.17	20.68	20.88	20.61	
1.4	16QAM	3	0	21.69	21.68	21.52	21.13	21.12	20.96	
1.4	16QAM	3	1	21.33	21.45	21.56	20.77	20.89	21.00	
1.4	16QAM	3	3	21.28	21.43	21.15	20.72	20.87	20.59	
1.4	16QAM	6	0	20.30	20.14	20.36	19.74	19.58	19.80	

Band 71

BW [MHz]	Modulation	RB Size	RB Offset	Conducted Power(dBm)			ERP(dBm)			Verdict
Channel				133222	133322	133372	133222	133322	133372	
Frequency (MHz)				673	683	688	673	683	688	
20	QPSK	1	0	23.68	23.81	23.71	19.57	19.70	19.60	PASS
20	QPSK	1	49	23.30	23.50	23.74	19.19	19.39	19.63	
20	QPSK	1	99	23.31	23.38	23.41	19.20	19.27	19.30	
20	QPSK	50	0	22.54	22.82	22.36	18.43	18.71	18.25	
20	QPSK	50	24	22.39	22.60	22.29	18.28	18.49	18.18	
20	QPSK	50	50	22.69	22.69	22.56	18.58	18.58	18.45	
20	QPSK	100	0	22.19	22.53	22.43	18.08	18.42	18.32	
20	16QAM	1	0	22.71	22.70	22.44	18.60	18.59	18.33	
20	16QAM	1	49	22.35	22.34	22.48	18.24	18.23	18.37	
20	16QAM	1	99	22.08	22.38	22.13	17.97	18.27	18.02	
20	16QAM	50	0	21.65	21.81	21.43	17.54	17.70	17.32	
20	16QAM	50	24	21.60	21.74	21.24	17.49	17.63	17.13	
20	16QAM	50	50	21.57	21.56	21.48	17.46	17.45	17.37	
20	16QAM	100	0	21.20	21.17	21.17	17.09	17.06	17.06	
Channel				133197	133297	133397	133197	133297	133397	Verdict
Frequency (MHz)				670.5	680.5	690.5	670.5	680.5	690.5	
15	QPSK	1	0	23.40	23.60	23.47	19.29	19.49	19.36	PASS
15	QPSK	1	37	23.26	23.42	23.69	19.15	19.31	19.58	
15	QPSK	1	74	23.11	23.32	23.22	19.00	19.21	19.11	
15	QPSK	36	0	22.34	22.85	22.14	18.23	18.74	18.03	
15	QPSK	36	20	22.36	22.49	22.24	18.25	18.38	18.13	
15	QPSK	36	39	22.55	22.64	22.43	18.44	18.53	18.32	
15	QPSK	75	0	22.17	22.38	22.38	18.06	18.27	18.27	
15	16QAM	1	0	22.73	22.61	22.33	18.62	18.50	18.22	
15	16QAM	1	37	22.24	22.27	22.46	18.13	18.16	18.35	
15	16QAM	1	74	22.11	22.20	22.06	18.00	18.09	17.95	
15	16QAM	36	0	21.45	21.74	21.26	17.34	17.63	17.15	
15	16QAM	36	20	21.50	21.56	21.21	17.39	17.45	17.10	
15	16QAM	36	39	21.56	21.55	21.38	17.45	17.44	17.27	
15	16QAM	75	0	20.95	21.10	21.13	16.84	16.99	17.02	
Channel				133172	133272	133422	133172	133272	133422	Verdict

Frequency (MHz)				668	678	693	668	678	693	
10	QPSK	1	0	23.43	23.68	23.36	19.32	19.57	19.25	PASS
10	QPSK	1	25	23.25	23.41	23.63	19.14	19.30	19.52	
10	QPSK	1	49	23.09	23.24	23.35	18.98	19.13	19.24	
10	QPSK	25	0	22.36	22.70	22.29	18.25	18.59	18.18	
10	QPSK	25	12	22.32	22.57	22.19	18.21	18.46	18.08	
10	QPSK	25	25	22.63	22.70	22.48	18.52	18.59	18.37	
10	QPSK	50	0	22.08	22.35	22.36	17.97	18.24	18.25	
10	16QAM	1	0	22.64	22.59	22.40	18.53	18.48	18.29	
10	16QAM	1	25	22.36	22.31	22.42	18.25	18.20	18.31	
10	16QAM	1	49	21.97	22.30	22.13	17.86	18.19	18.02	
10	16QAM	25	0	21.42	21.78	21.32	17.31	17.67	17.21	
10	16QAM	25	12	21.47	21.56	21.13	17.36	17.45	17.02	
10	16QAM	25	25	21.48	21.46	21.52	17.37	17.35	17.41	
10	16QAM	50	0	20.95	21.09	21.07	16.84	16.98	16.96	
Channel				133147	133247	133447	133147	133247	133447	Verdict
Frequency (MHz)				665.5	675.5	695.5	665.5	675.5	695.5	
5	QPSK	1	0	23.47	23.71	23.43	19.36	19.60	19.32	PASS
5	QPSK	1	12	23.31	23.37	23.63	19.20	19.26	19.52	
5	QPSK	1	24	23.17	23.30	23.23	19.06	19.19	19.12	
5	QPSK	12	0	22.40	22.81	22.23	18.29	18.70	18.12	
5	QPSK	12	7	22.22	22.55	22.13	18.11	18.44	18.02	
5	QPSK	12	13	22.58	22.66	22.44	18.47	18.55	18.33	
5	QPSK	25	0	22.12	22.40	22.31	18.01	18.29	18.20	
5	16QAM	1	0	22.67	22.55	22.43	18.56	18.44	18.32	
5	16QAM	1	12	22.25	22.31	22.52	18.14	18.20	18.41	
5	16QAM	1	24	22.02	22.30	22.06	17.91	18.19	17.95	
5	16QAM	12	0	21.54	21.71	21.38	17.43	17.60	17.27	
5	16QAM	12	7	21.59	21.51	21.25	17.48	17.40	17.14	
5	16QAM	12	13	21.50	21.57	21.47	17.39	17.46	17.36	
5	16QAM	25	0	20.98	21.07	21.20	16.87	16.96	17.09	

Band 38

BW [MHz]	Modulation	RB Size	RB Offset	Conducted Power(dBm)			EIRP(dBm)			Verdict
Channel				37850	38000	38150	37850	38000	38150	
Frequency (MHz)				2580	2595	2610	2580	2595	2610	
20	QPSK	1	0	23.20	23.40	23.08	19.48	19.68	19.36	PASS
20	QPSK	1	49	23.01	23.14	23.39	19.29	19.42	19.67	
20	QPSK	1	99	22.89	23.04	23.04	19.17	19.32	19.32	
20	QPSK	50	0	22.06	22.50	21.97	18.34	18.78	18.25	
20	QPSK	50	24	21.96	22.24	21.95	18.24	18.52	18.23	
20	QPSK	50	50	22.39	22.32	22.16	18.67	18.60	18.44	
20	QPSK	100	0	21.88	22.20	22.00	18.16	18.48	18.28	
20	16QAM	1	0	22.32	22.31	22.02	18.60	18.59	18.30	
20	16QAM	1	49	22.03	21.87	22.13	18.31	18.15	18.41	
20	16QAM	1	99	21.80	22.01	21.78	18.08	18.29	18.06	

20	16QAM	50	0	21.17	21.48	21.08	17.45	17.76	17.36	
20	16QAM	50	24	21.29	21.27	20.89	17.57	17.55	17.17	
20	16QAM	50	50	21.23	21.28	21.15	17.51	17.56	17.43	
20	16QAM	100	0	20.79	20.86	20.79	17.07	17.14	17.07	
Channel				37825	38000	38175	37825	38000	38175	Verdict
Frequency (MHz)				2577.5	2595	2612.5	2577.5	2595	2612.5	
15	QPSK	1	0	22.97	23.28	23.03	19.25	19.56	19.31	
15	QPSK	1	37	22.80	22.92	23.28	19.08	19.20	19.56	
15	QPSK	1	74	22.76	22.94	22.86	19.04	19.22	19.14	
15	QPSK	36	0	22.07	22.34	21.76	18.35	18.62	18.04	
15	QPSK	36	20	21.95	22.20	21.74	18.23	18.48	18.02	
15	QPSK	36	39	22.30	22.24	22.04	18.58	18.52	18.32	
15	QPSK	75	0	21.68	22.10	21.89	17.96	18.38	18.17	
15	16QAM	1	0	22.28	22.21	21.99	18.56	18.49	18.27	PASS
15	16QAM	1	37	21.99	21.89	22.10	18.27	18.17	18.38	
15	16QAM	1	74	21.59	21.84	21.69	17.87	18.12	17.97	
15	16QAM	36	0	21.15	21.38	20.86	17.43	17.66	17.14	
15	16QAM	36	20	21.20	21.24	20.78	17.48	17.52	17.06	
15	16QAM	36	39	21.09	21.07	21.07	17.37	17.35	17.35	
15	16QAM	75	0	20.69	20.78	20.75	16.97	17.06	17.03	
Channel				37800	38000	38200	37800	38000	38200	Verdict
Frequency (MHz)				2575	2595	2615	2575	2595	2615	
10	QPSK	1	0	23.11	23.29	22.99	19.39	19.57	19.27	
10	QPSK	1	25	22.88	22.99	23.16	19.16	19.27	19.44	
10	QPSK	1	49	22.81	22.97	22.90	19.09	19.25	19.18	
10	QPSK	25	0	22.06	22.31	21.77	18.34	18.59	18.05	
10	QPSK	25	12	21.90	22.21	21.80	18.18	18.49	18.08	
10	QPSK	25	25	22.22	22.17	22.13	18.50	18.45	18.41	
10	QPSK	50	0	21.74	22.06	21.89	18.02	18.34	18.17	
10	16QAM	1	0	22.22	22.17	21.94	18.50	18.45	18.22	PASS
10	16QAM	1	25	21.99	21.90	22.02	18.27	18.18	18.30	
10	16QAM	1	49	21.61	21.88	21.73	17.89	18.16	18.01	
10	16QAM	25	0	21.05	21.38	20.89	17.33	17.66	17.17	
10	16QAM	25	12	21.11	21.21	20.76	17.39	17.49	17.04	
10	16QAM	25	25	21.12	21.14	21.10	17.40	17.42	17.38	
10	16QAM	50	0	20.62	20.75	20.83	16.90	17.03	17.11	
Channel				37775	38000	38225	37775	38000	38225	Verdict
Frequency (MHz)				2572.5	2595	2617.5	2572.5	2595	2617.5	
5	QPSK	1	0	23.11	23.21	22.93	19.39	19.49	19.21	
5	QPSK	1	12	22.83	23.03	23.31	19.11	19.31	19.59	
5	QPSK	1	24	22.78	22.93	22.86	19.06	19.21	19.14	
5	QPSK	12	0	21.99	22.40	21.85	18.27	18.68	18.13	
5	QPSK	12	7	21.92	22.11	21.81	18.20	18.39	18.09	
5	QPSK	12	13	22.27	22.31	22.11	18.55	18.59	18.39	
5	QPSK	25	0	21.77	22.08	21.98	18.05	18.36	18.26	
5	16QAM	1	0	22.20	22.12	22.03	18.48	18.40	18.31	PASS
5	16QAM	1	12	21.92	21.80	22.06	18.20	18.08	18.34	
5	16QAM	1	24	21.73	21.77	21.67	18.01	18.05	17.95	
5	16QAM	12	0	21.17	21.29	20.98	17.45	17.57	17.26	
5	16QAM	12	7	21.18	21.13	20.80	17.46	17.41	17.08	
5	16QAM	12	13	21.19	21.18	21.00	17.47	17.46	17.28	
5	16QAM	25	0	20.61	20.63	20.83	16.89	16.91	17.11	

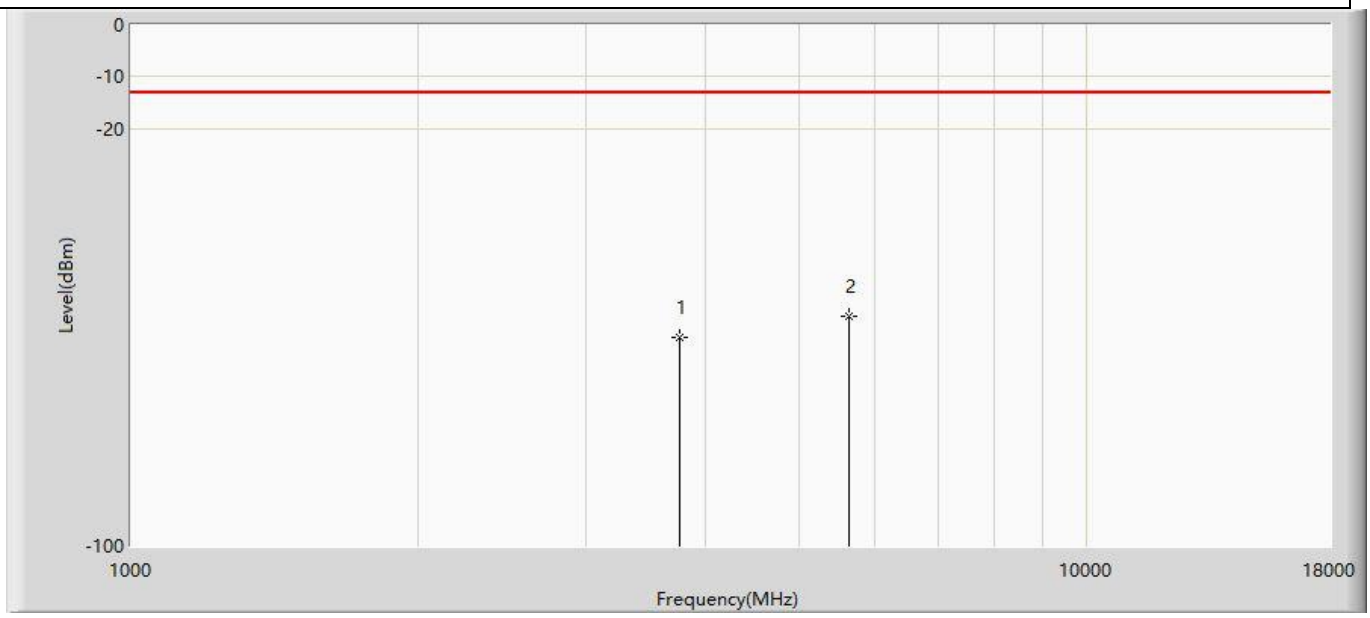
Band 41

BW [MHz]	Modulation	RB Size	RB Offset	Conducted Power(dBm)			EIRP(dBm)			Verdict
Channel				40140	40640	41140	40140	40640	41140	
Frequency (MHz)				2545	2595	2645	2545	2595	2645	
20	QPSK	1	0	23.23	23.51	23.19	19.51	19.79	19.47	PASS
20	QPSK	1	49	23.03	23.16	23.42	19.31	19.44	19.70	
20	QPSK	1	99	23.01	23.09	23.05	19.29	19.37	19.33	
20	QPSK	50	0	22.24	22.65	22.41	18.52	18.93	18.69	
20	QPSK	50	24	22.08	22.34	22.06	18.36	18.62	18.34	
20	QPSK	50	50	22.38	22.40	22.31	18.66	18.68	18.59	
20	QPSK	100	0	22.33	22.43	22.35	18.61	18.71	18.63	
20	16QAM	1	0	22.50	22.33	22.33	18.78	18.61	18.61	
20	16QAM	1	49	22.34	22.29	22.20	18.62	18.57	18.48	
20	16QAM	1	99	22.41	22.35	22.34	18.69	18.63	18.62	
20	16QAM	50	0	21.28	21.52	21.19	17.56	17.80	17.47	
20	16QAM	50	24	21.41	21.30	20.99	17.69	17.58	17.27	
20	16QAM	50	50	21.31	21.40	21.19	17.59	17.68	17.47	
20	16QAM	100	0	20.75	20.97	20.89	17.03	17.25	17.17	
Channel				40115	40640	41165	40115	40640	41165	Verdict
Frequency (MHz)				2542.5	2595	2647.5	2542.5	2595	2647.5	
15	QPSK	1	0	23.11	23.39	23.07	19.39	19.67	19.35	PASS
15	QPSK	1	37	22.93	23.10	23.25	19.21	19.38	19.53	
15	QPSK	1	74	22.83	22.97	22.99	19.11	19.25	19.27	
15	QPSK	36	0	22.09	22.46	22.32	18.37	18.74	18.60	
15	QPSK	36	20	21.89	22.25	21.91	18.17	18.53	18.19	
15	QPSK	36	39	22.22	22.21	22.19	18.50	18.49	18.47	
15	QPSK	75	0	22.14	22.31	22.22	18.42	18.59	18.50	
15	16QAM	1	0	22.31	22.27	22.17	18.59	18.55	18.45	
15	16QAM	1	37	22.15	22.15	22.06	18.43	18.43	18.34	
15	16QAM	1	74	22.32	22.15	22.22	18.60	18.43	18.50	
15	16QAM	36	0	21.23	21.40	21.07	17.51	17.68	17.35	
15	16QAM	36	20	21.35	21.16	20.80	17.63	17.44	17.08	
15	16QAM	36	39	21.23	21.26	21.07	17.51	17.54	17.35	
15	16QAM	75	0	20.65	20.78	20.83	16.93	17.06	17.11	
Channel				40090	40640	41190	40090	40640	41190	Verdict
Frequency (MHz)				2540	2595	2650	2540	2595	2650	
10	QPSK	1	0	23.17	23.47	23.09	19.45	19.75	19.37	PASS
10	QPSK	1	25	22.88	23.04	23.22	19.16	19.32	19.50	
10	QPSK	1	49	22.91	22.99	23.01	19.19	19.27	19.29	
10	QPSK	25	0	22.16	22.47	22.32	18.44	18.75	18.60	
10	QPSK	25	12	21.90	22.25	22.00	18.18	18.53	18.28	
10	QPSK	25	25	22.28	22.28	22.24	18.56	18.56	18.52	
10	QPSK	50	0	22.19	22.23	22.25	18.47	18.51	18.53	
10	16QAM	1	0	22.32	22.22	22.14	18.60	18.50	18.42	
10	16QAM	1	25	22.28	22.20	22.02	18.56	18.48	18.30	
10	16QAM	1	49	22.22	22.25	22.19	18.50	18.53	18.47	

10	16QAM	25	0	21.20	21.44	21.01	17.48	17.72	17.29	
10	16QAM	25	12	21.25	21.17	20.83	17.53	17.45	17.11	
10	16QAM	25	25	21.19	21.30	21.11	17.47	17.58	17.39	
10	16QAM	50	0	20.59	20.83	20.82	16.87	17.11	17.10	
Channel				40065	40640	41215	40065	40640	41215	Verdict
Frequency (MHz)				2537.5	2595	2652.5	2537.5	2595	2652.5	
5	QPSK	1	0	23.17	23.41	23.14	19.45	19.69	19.42	
5	QPSK	1	12	22.85	23.02	23.23	19.13	19.30	19.51	
5	QPSK	1	24	22.82	22.95	22.99	19.10	19.23	19.27	
5	QPSK	12	0	22.06	22.49	22.34	18.34	18.77	18.62	
5	QPSK	12	7	21.94	22.22	22.01	18.22	18.50	18.29	
5	QPSK	12	13	22.19	22.25	22.24	18.47	18.53	18.52	
5	QPSK	25	0	22.15	22.23	22.15	18.43	18.51	18.43	
5	16QAM	1	0	22.34	22.17	22.14	18.62	18.45	18.42	PASS
5	16QAM	1	12	22.27	22.16	22.03	18.55	18.44	18.31	
5	16QAM	1	24	22.25	22.17	22.18	18.53	18.45	18.46	
5	16QAM	12	0	21.14	21.33	21.02	17.42	17.61	17.30	
5	16QAM	12	7	21.27	21.19	20.87	17.55	17.47	17.15	
5	16QAM	12	13	21.16	21.35	21.08	17.44	17.63	17.36	
5	16QAM	25	0	20.64	20.85	20.84	16.92	17.13	17.12	

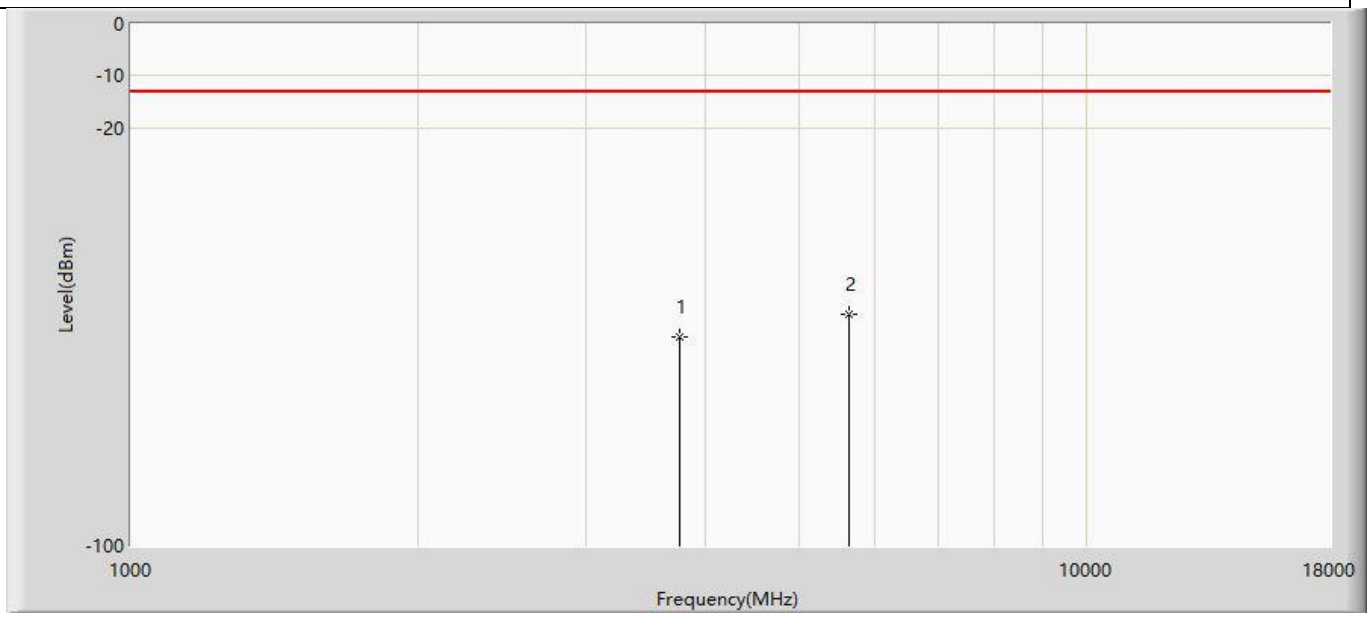
Appendix B: Radiated Emissions

Profile: 24A0319R	Page No.: 57
Engineer: Yuliu	
Site: AC5	Time: 2024/10/22 - 15:43
Limit: FCC Part 22&24&27&90	Margin: 0
Probe: CE_1-18G_AMP	Polarity: Horizontal
EUT: POS Terminal	Power: Battery Powered
Note: Mode 1:LTE band2 Traffic 1880MHz	



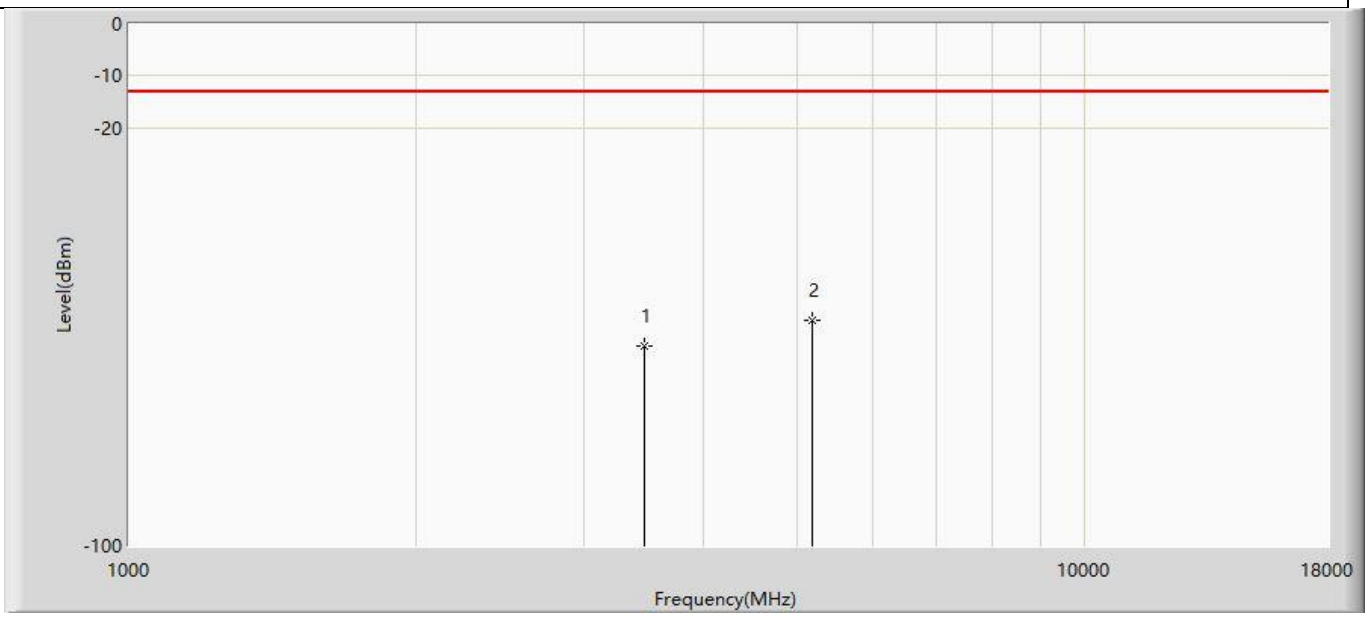
No	Mark	Frequency (MHz)	Measure Level (dBm)	Reading Level (dBm)	Over Limit (dB)	Limit (dBm)	Factor (dB)	Type
1		3760.000	-59.994	-54.305	-46.994	-13.000	-5.689	PK
2	*	5640.000	-56.062	-54.516	-43.062	-13.000	-1.546	PK

Profile: 24A0319R	Page No.: 58
Engineer: Yuliu	
Site: AC5	Time: 2024/10/22 - 15:43
Limit: FCC Part 22&24&27&90	Margin: 0
Probe: CE_1-18G_AMP	Polarity: Vertical
EUT: POS Terminal	Power: Battery Powered
Note: Mode 1:LTE band2 Traffic 1880MHz	



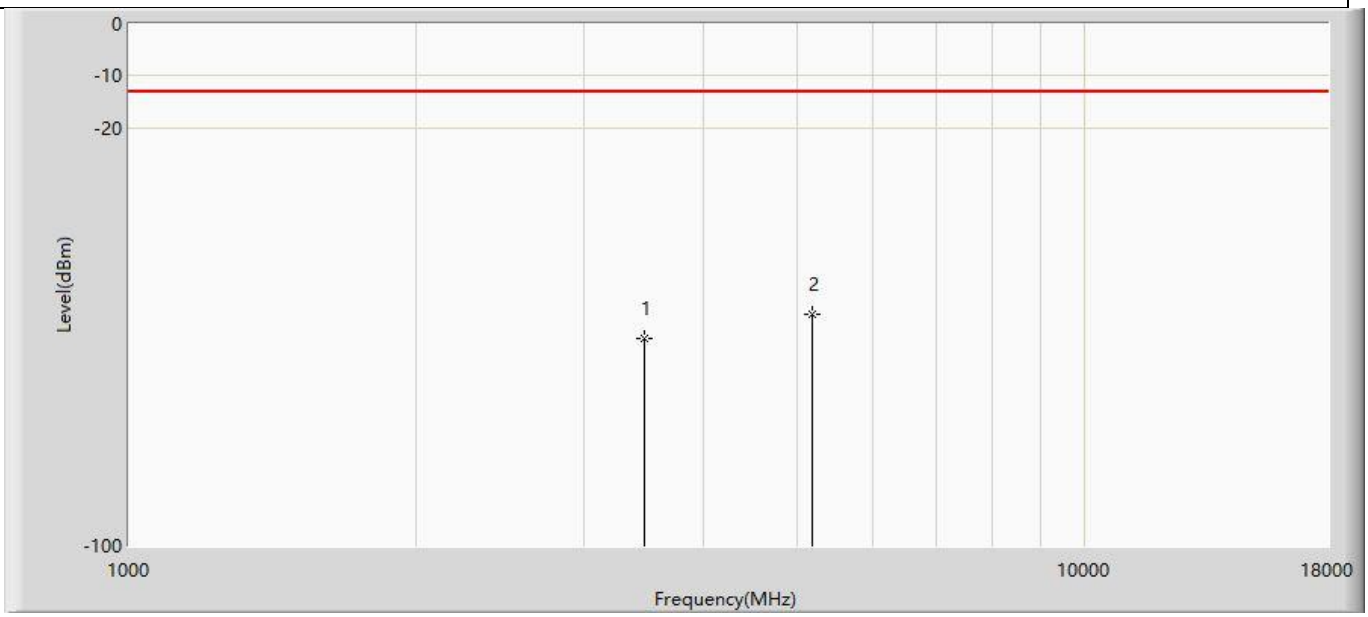
No	Mark	Frequency (MHz)	Measure Level (dBm)	Reading Level (dBm)	Over Limit (dB)	Limit (dBm)	Factor (dB)	Type
1		3760.000	-59.951	-54.444	-46.951	-13.000	-5.507	PK
2	*	5640.000	-55.792	-54.844	-42.792	-13.000	-0.948	PK

Profile: 24A0319R	Page No.: 59
Engineer: Yuliu	
Site: AC5	Time: 2024/10/22 - 15:43
Limit: FCC Part 22&24&27&90	Margin: 0
Probe: CE_1-18G_AMP	Polarity: Horizontal
EUT: POS Terminal	Power: Battery Powered
Note: Mode 2:LTE band4 Traffic 1732.5MHz	



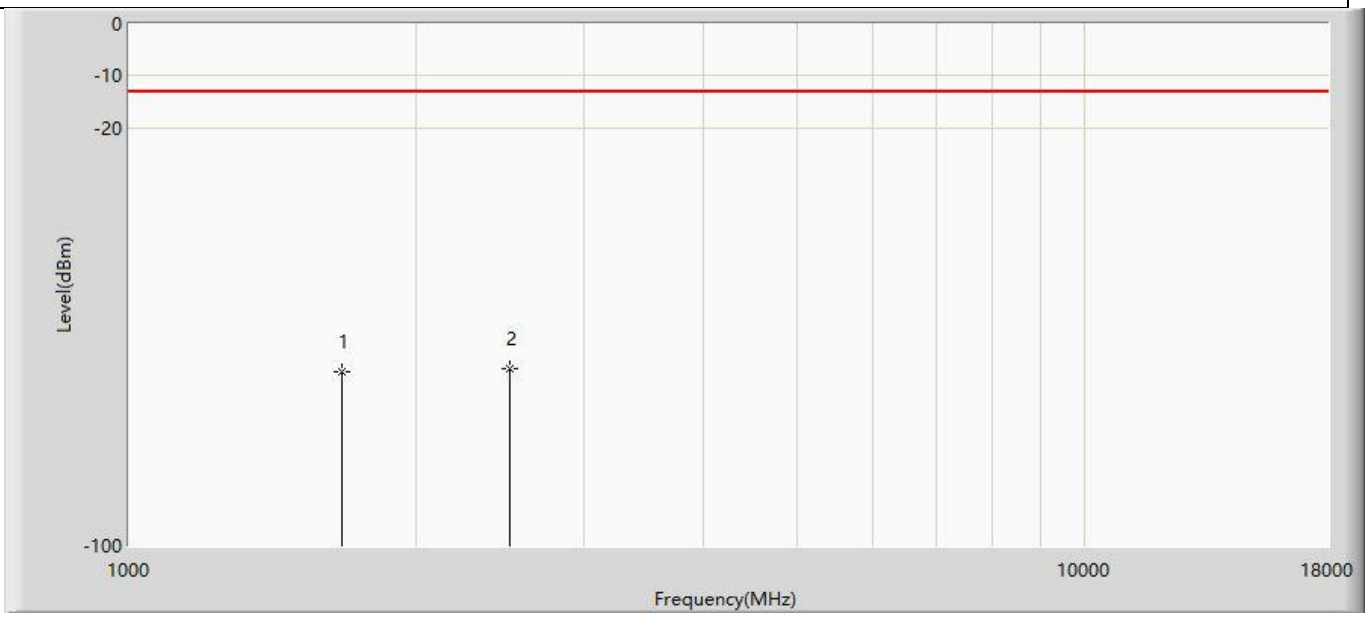
No	Mark	Frequency (MHz)	Measure Level (dBm)	Reading Level (dBm)	Over Limit (dB)	Limit (dBm)	Factor (dB)	Type
1		3465.000	-61.719	-54.039	-48.719	-13.000	-7.680	PK
2	*	5197.500	-56.677	-55.265	-43.677	-13.000	-1.412	PK

Profile: 24A0319R	Page No.: 60
Engineer: Yuliu	
Site: AC5	Time: 2024/10/22 - 15:43
Limit: FCC Part 22&24&27&90	Margin: 0
Probe: CE_1-18G_AMP	Polarity: Vertical
EUT: POS Terminal	Power: Battery Powered
Note: Mode 2:LTE band4 Traffic 1732.5MHz	



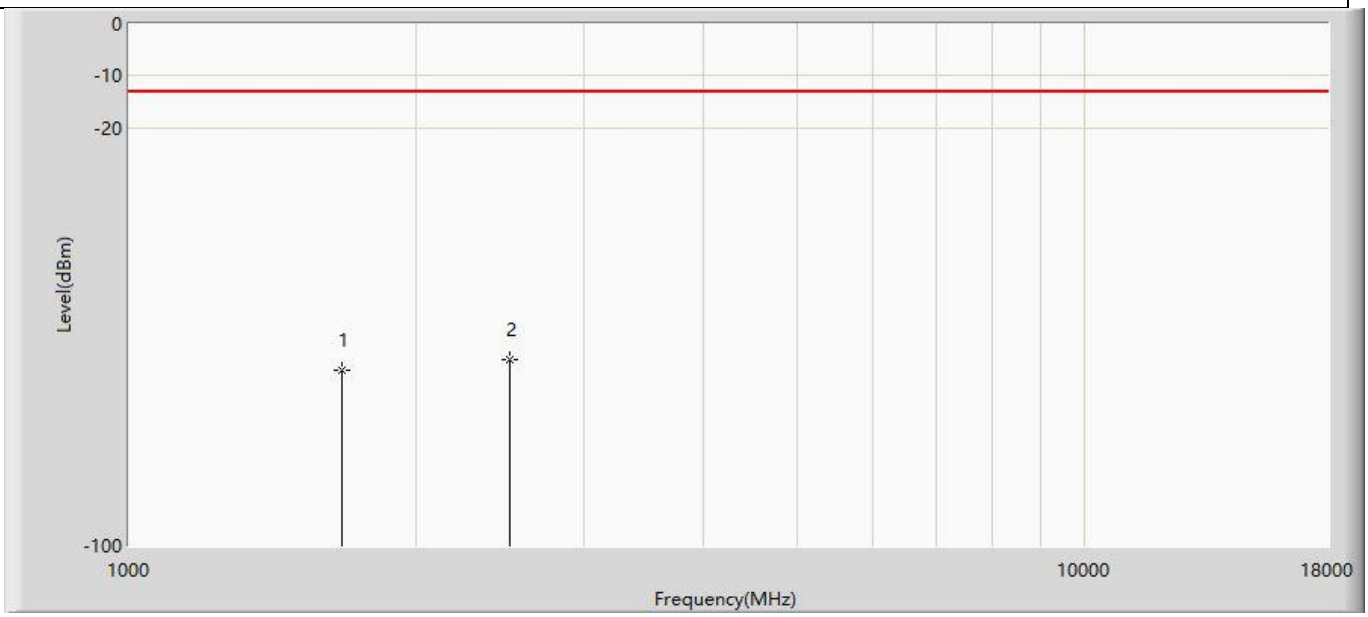
No	Mark	Frequency (MHz)	Measure Level (dBm)	Reading Level (dBm)	Over Limit (dB)	Limit (dBm)	Factor (dB)	Type
1		3465.000	-60.325	-52.755	-47.325	-13.000	-7.570	PK
2	*	5197.500	-55.641	-54.403	-42.641	-13.000	-1.238	PK

Profile: 24A0319R	Page No.: 61
Engineer: Yuliu	
Site: AC5	Time: 2024/10/22 - 15:44
Limit: FCC Part 22&24&27&90	Margin: 0
Probe: CE_1-18G_AMP	Polarity: Horizontal
EUT: POS Terminal	Power: Battery Powered
Note: Mode 3:LTE band5 Traffic 836.5MHz	



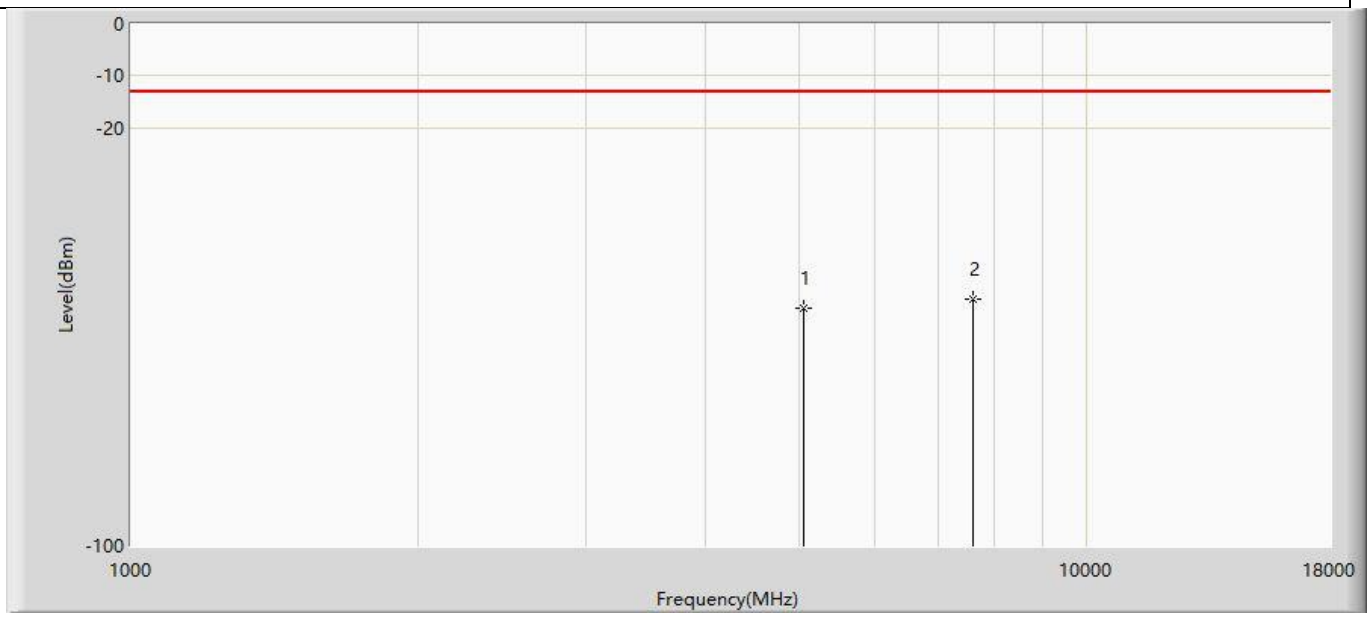
No	Mark	Frequency (MHz)	Measure Level (dBm)	Reading Level (dBm)	Over Limit (dB)	Limit (dBm)	Factor (dB)	Type
1		1673.000	-66.611	-55.110	-53.611	-13.000	-11.501	PK
2	*	2509.500	-66.002	-56.206	-53.002	-13.000	-9.796	PK

Profile: 24A0319R	Page No.: 62
Engineer: Yuliu	
Site: AC5	Time: 2024/10/22 - 15:44
Limit: FCC Part 22&24&27&90	Margin: 0
Probe: CE_1-18G_AMP	Polarity: Vertical
EUT: POS Terminal	Power: Battery Powered
Note: Mode 3:LTE band5 Traffic 836.5MHz	



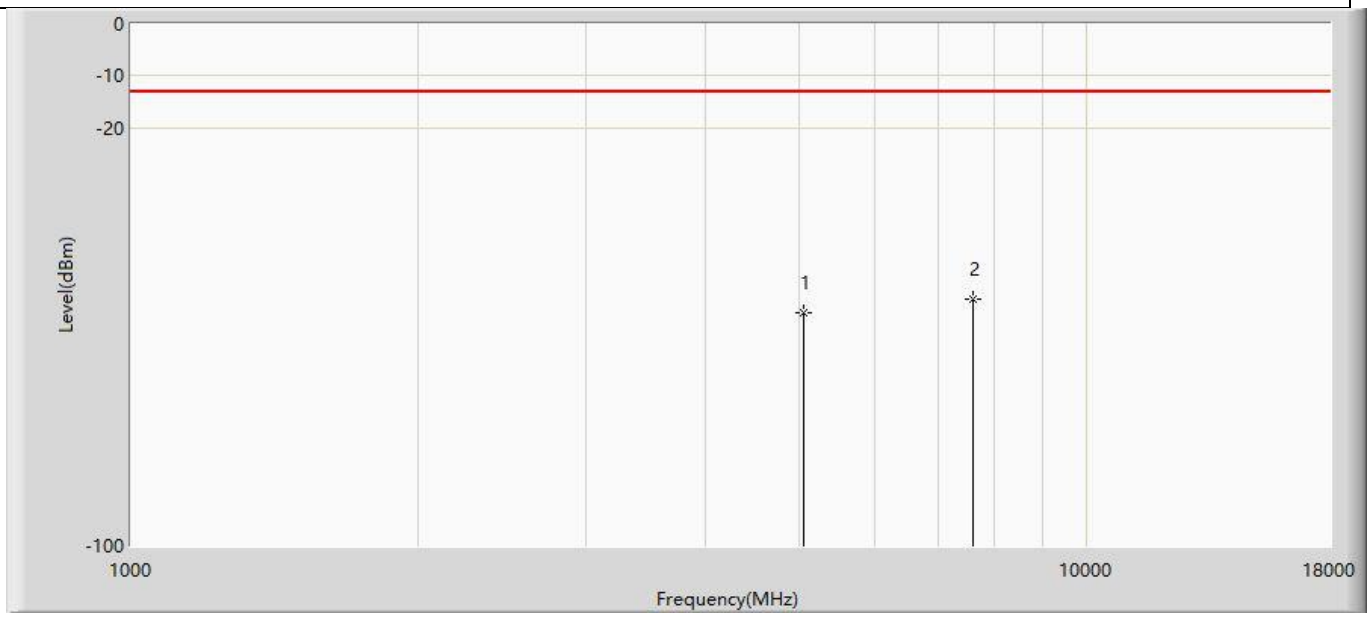
No	Mark	Frequency (MHz)	Measure Level (dBm)	Reading Level (dBm)	Over Limit (dB)	Limit (dBm)	Factor (dB)	Type
1		1673.000	-66.348	-55.266	-53.348	-13.000	-11.082	PK
2	*	2509.500	-64.355	-55.017	-51.355	-13.000	-9.338	PK

Profile: 24A0319R	Page No.: 63
Engineer: Yuliu	
Site: AC5	Time: 2024/10/22 - 15:44
Limit: FCC Part 22&24&27&90	Margin: 0
Probe: CE_1-18G_AMP	Polarity: Horizontal
EUT: POS Terminal	Power: Battery Powered
Note: Mode 4:LTE band7 Traffic 2535MHz	



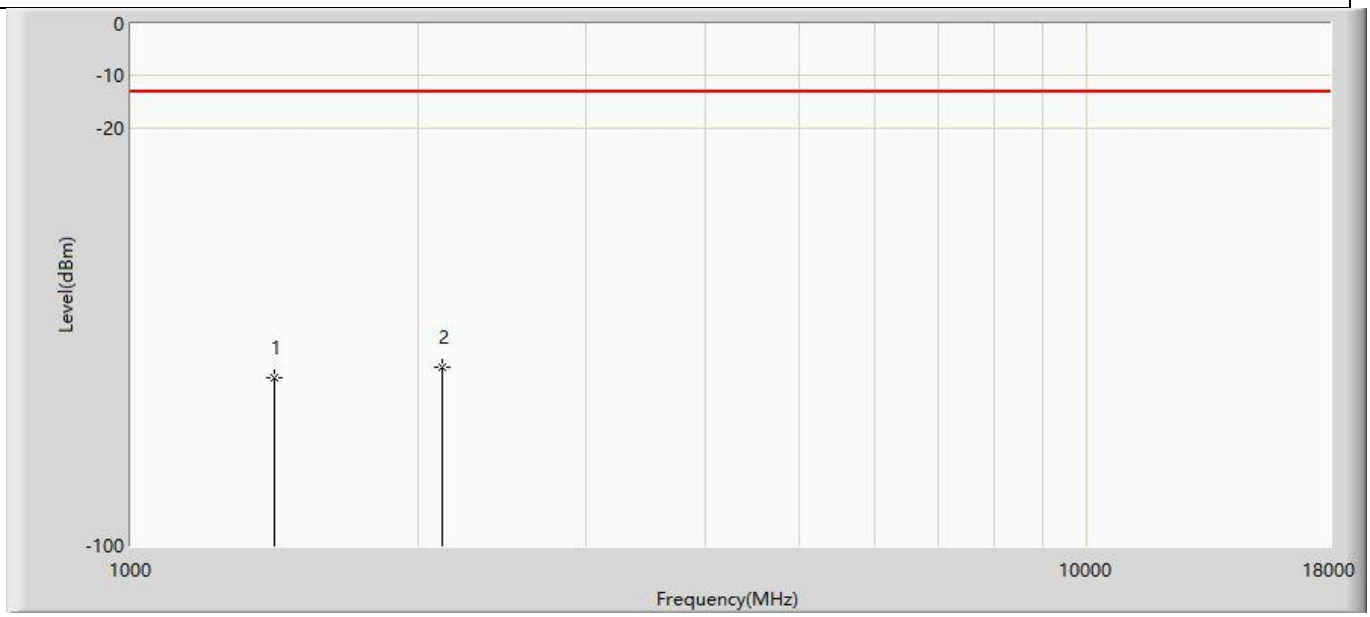
No	Mark	Frequency (MHz)	Measure Level (dBm)	Reading Level (dBm)	Over Limit (dB)	Limit (dBm)	Factor (dB)	Type
1		5070.000	-54.387	-53.757	-41.387	-13.000	-0.630	PK
2	*	7605.000	-52.691	-55.711	-39.691	-13.000	3.020	PK

Profile: 24A0319R	Page No.: 64
Engineer: Yuliu	
Site: AC5	Time: 2024/10/22 - 15:44
Limit: FCC Part 22&24&27&90	Margin: 0
Probe: CE_1-18G_AMP	Polarity: Vertical
EUT: POS Terminal	Power: Battery Powered
Note: Mode 4:LTE band7 Traffic 2535MHz	



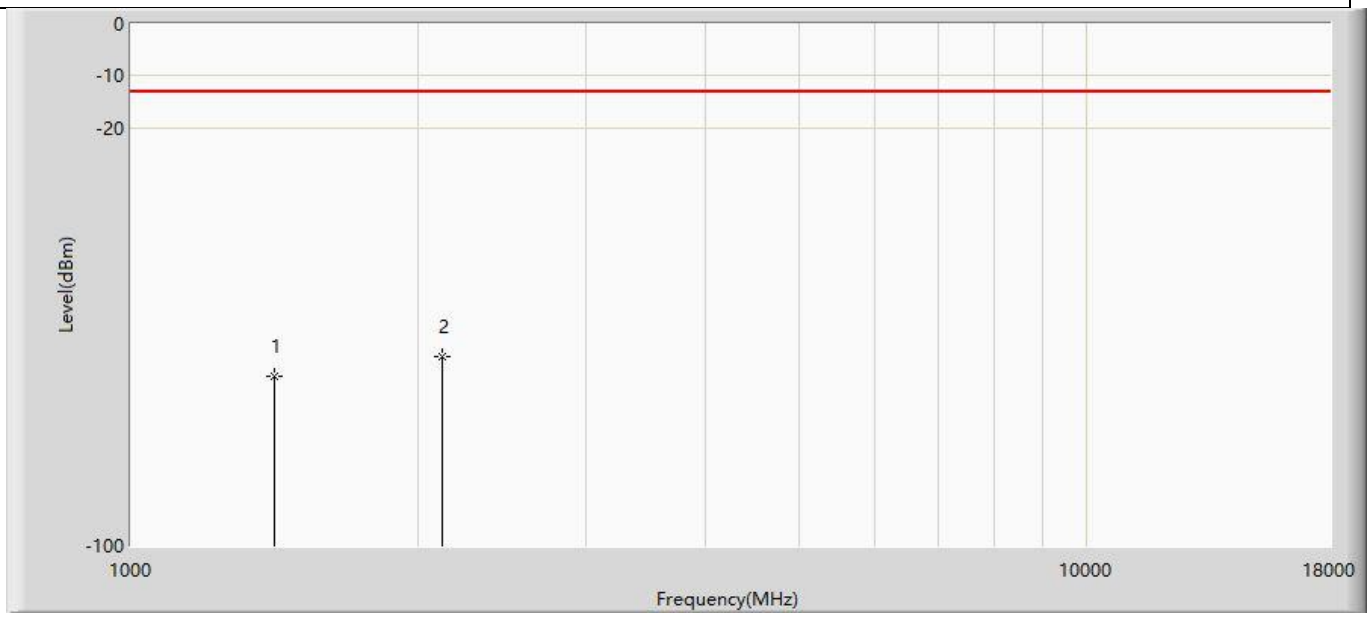
No	Mark	Frequency (MHz)	Measure Level (dBm)	Reading Level (dBm)	Over Limit (dB)	Limit (dBm)	Factor (dB)	Type
1		5070.000	-55.457	-55.094	-42.457	-13.000	-0.363	PK
2	*	7605.000	-52.637	-56.363	-39.637	-13.000	3.726	PK

Profile: 24A0319R	Page No.: 65
Engineer: Yuliu	
Site: AC5	Time: 2024/10/22 - 15:44
Limit: FCC Part 22&24&27&90	Margin: 0
Probe: CE_1-18G_AMP	Polarity: Horizontal
EUT: POS Terminal	Power: Battery Powered
Note: Mode 5:LTE band12 Traffic 707.5MHz	



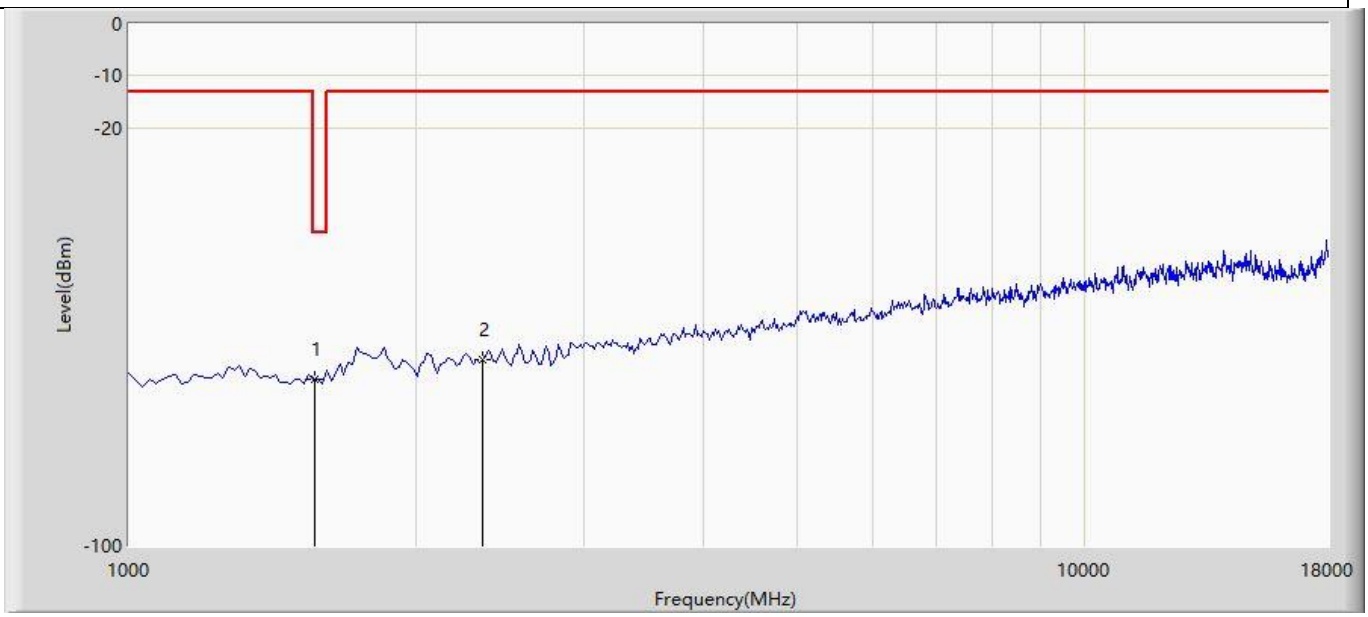
No	Mark	Frequency (MHz)	Measure Level (dBm)	Reading Level (dBm)	Over Limit (dB)	Limit (dBm)	Factor (dB)	Type
1		1415.000	-67.928	-54.569	-54.928	-13.000	-13.359	PK
2	*	2122.500	-65.660	-55.526	-52.660	-13.000	-10.134	PK

Profile: 24A0319R	Page No.: 66
Engineer: Yuliu	
Site: AC5	Time: 2024/10/22 - 15:44
Limit: FCC Part 22&24&27&90	Margin: 0
Probe: CE_1-18G_AMP	Polarity: Vertical
EUT: POS Terminal	Power: Battery Powered
Note: Mode 5:LTE band12 Traffic 707.5MHz	



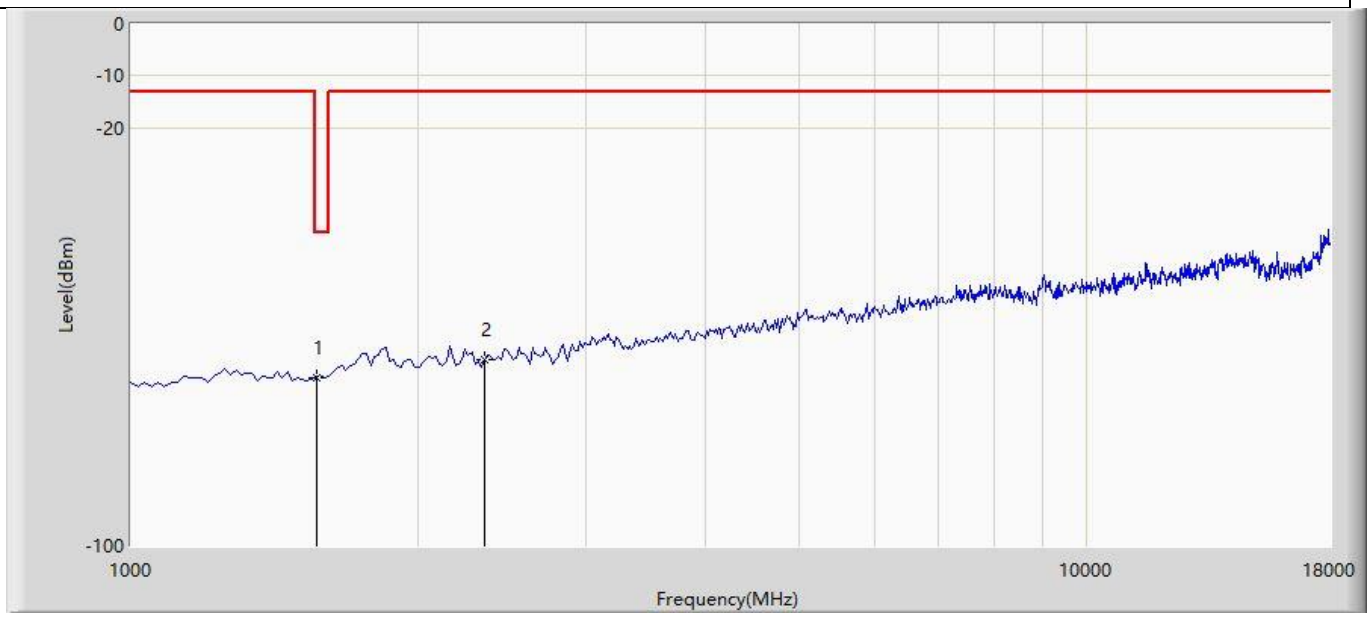
No	Mark	Frequency (MHz)	Measure Level (dBm)	Reading Level (dBm)	Over Limit (dB)	Limit (dBm)	Factor (dB)	Type
1		1415.000	-67.409	-54.388	-54.409	-13.000	-13.021	PK
2	*	2122.500	-63.898	-54.116	-50.898	-13.000	-9.782	PK

Profile: 24A0319R	Page No.: 67
Engineer: Yuliu	
Site: AC5	Time: 2024/10/22 - 15:44
Limit: FCC Part 22&24&27&90	Margin: 0
Probe: CE_1-18G_AMP	Polarity: Horizontal
EUT: POS Terminal	Power: Battery Powered
Note: Mode 6:LTE band13 Traffic 782MHz	



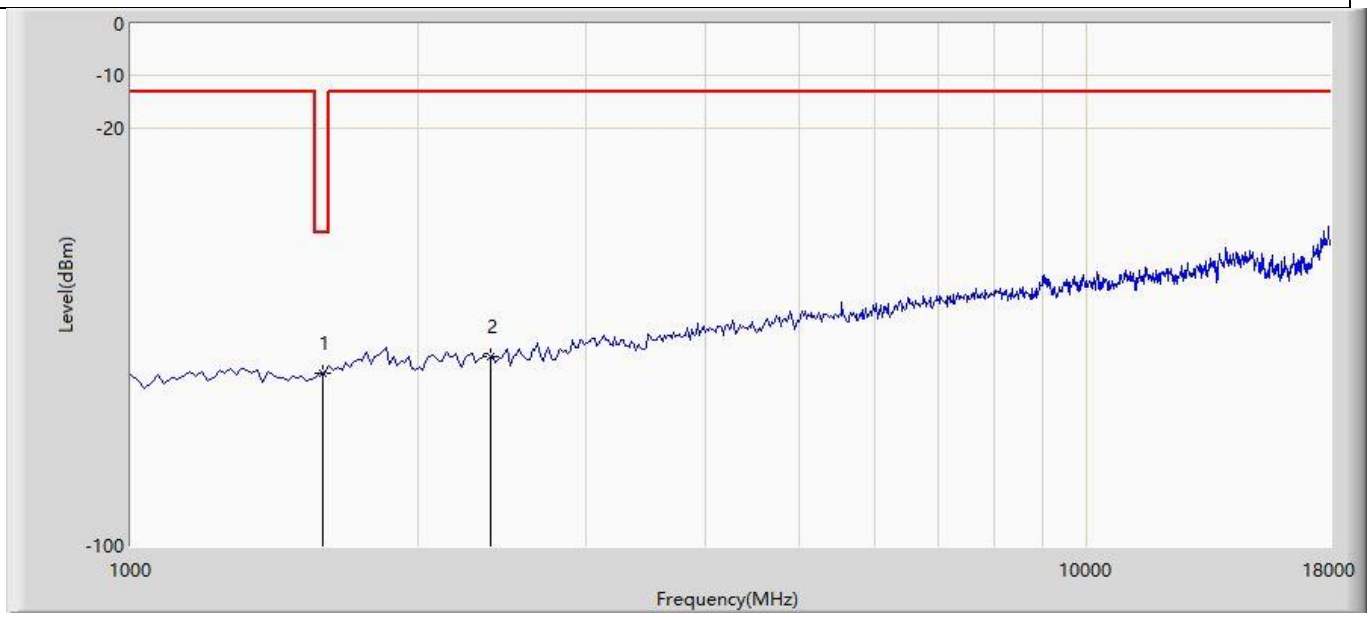
No	Mark	Frequency (MHz)	Measure Level (dBm)	Reading Level (dBm)	Over Limit (dB)	Limit (dBm)	Factor (dB)	Type
1		1564.000	-68.211	-54.627	-55.211	-13.000	-13.584	PK
2	*	2346.000	-64.225	-54.603	-51.225	-13.000	-9.622	PK

Profile: 24A0319R	Page No.: 68
Engineer: Yuliu	
Site: AC5	Time: 2024/10/22 - 15:44
Limit: FCC Part 22&24&27&90	Margin: 0
Probe: CE_1-18G_AMP	Polarity: Vertical
EUT: POS Terminal	Power: Battery Powered
Note: Mode 6:LTE band13 Traffic 782MHz	



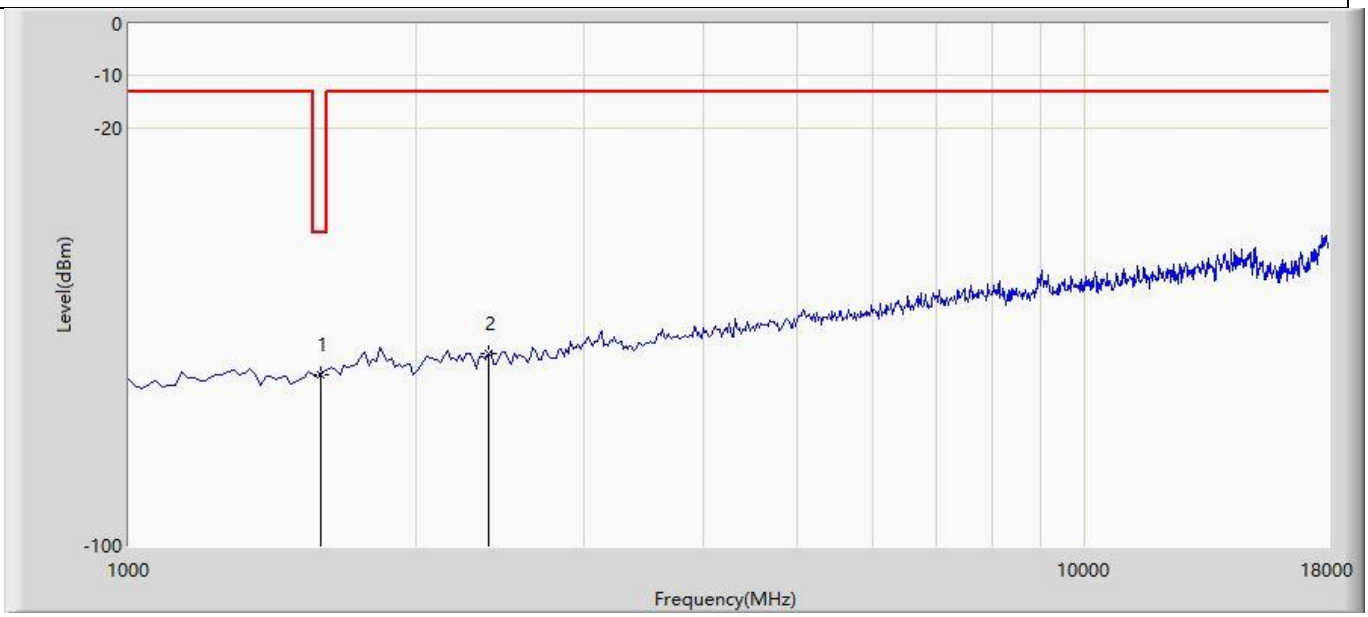
No	Mark	Frequency (MHz)	Measure Level (dBm)	Reading Level (dBm)	Over Limit (dB)	Limit (dBm)	Factor (dB)	Type
1		1564.000	-67.743	-54.824	-54.743	-13.000	-12.919	PK
2	*	2346.000	-64.273	-54.554	-51.273	-13.000	-9.719	PK

Profile: 24A0319R	Page No.: 69
Engineer: Yuliu	
Site: AC5	Time: 2024/10/22 - 15:44
Limit: FCC Part 22&24&27&90	Margin: 0
Probe: CE_1-18G_AMP	Polarity: Horizontal
EUT: POS Terminal	Power: Battery Powered
Note: Mode 7:LTE band14 Traffic 793MHz	



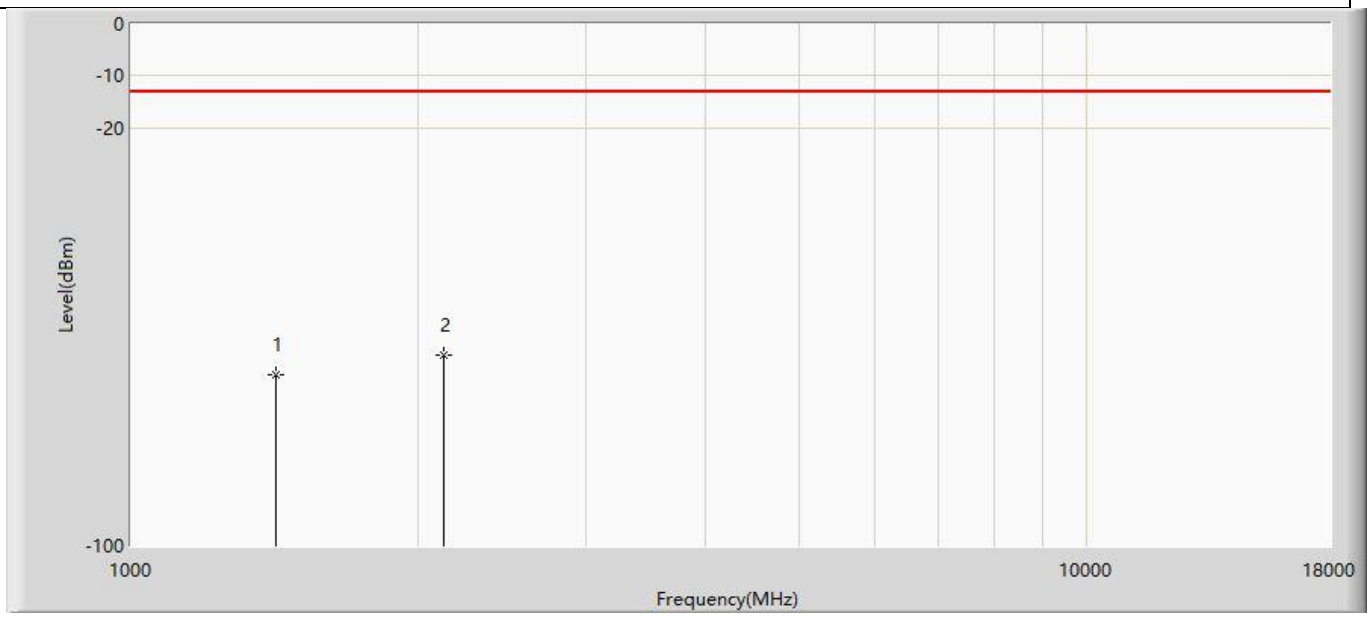
No	Mark	Frequency (MHz)	Measure Level (dBm)	Reading Level (dBm)	Over Limit (dB)	Limit (dBm)	Factor (dB)	Type
1		1586.000	-67.046	-54.522	-54.046	-13.000	-12.524	PK
2	*	2379.000	-63.893	-54.231	-50.893	-13.000	-9.662	PK

Profile: 24A0319R	Page No.: 70
Engineer: Yuliu	
Site: AC5	Time: 2024/10/22 - 15:44
Limit: FCC Part 22&24&27&90	Margin: 0
Probe: CE_1-18G_AMP	Polarity: Vertical
EUT: POS Terminal	Power: Battery Powered
Note: Mode 7:LTE band14 Traffic 793MHz	



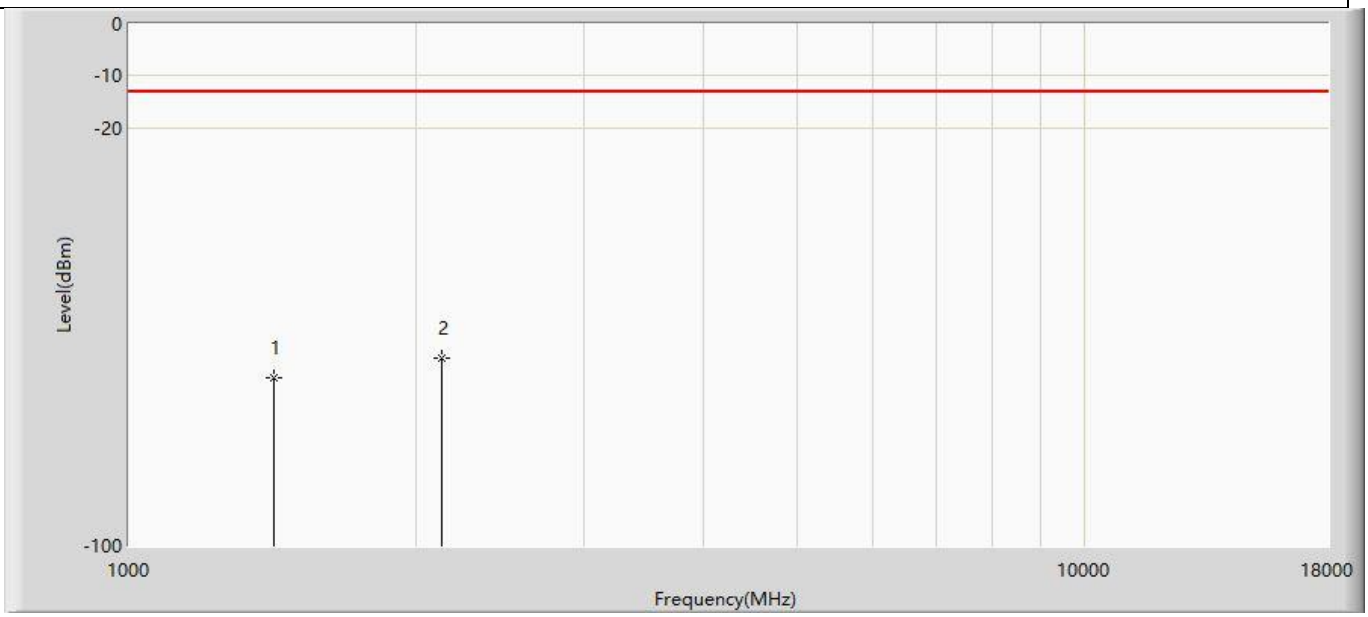
No	Mark	Frequency (MHz)	Measure Level (dBm)	Reading Level (dBm)	Over Limit (dB)	Limit (dBm)	Factor (dB)	Type
1		1586.000	-67.181	-54.657	-54.181	-13.000	-12.524	PK
2	*	2379.000	-63.147	-53.485	-50.147	-13.000	-9.662	PK

Profile: 24A0319R	Page No.: 71
Engineer: Yuliu	
Site: AC5	Time: 2024/10/22 - 15:45
Limit: FCC Part 22&24&27&90	Margin: 0
Probe: CE_1-18G_AMP	Polarity: Horizontal
EUT: POS Terminal	Power: Battery Powered
Note: Mode 8:LTE band17 Traffic 710MHz	



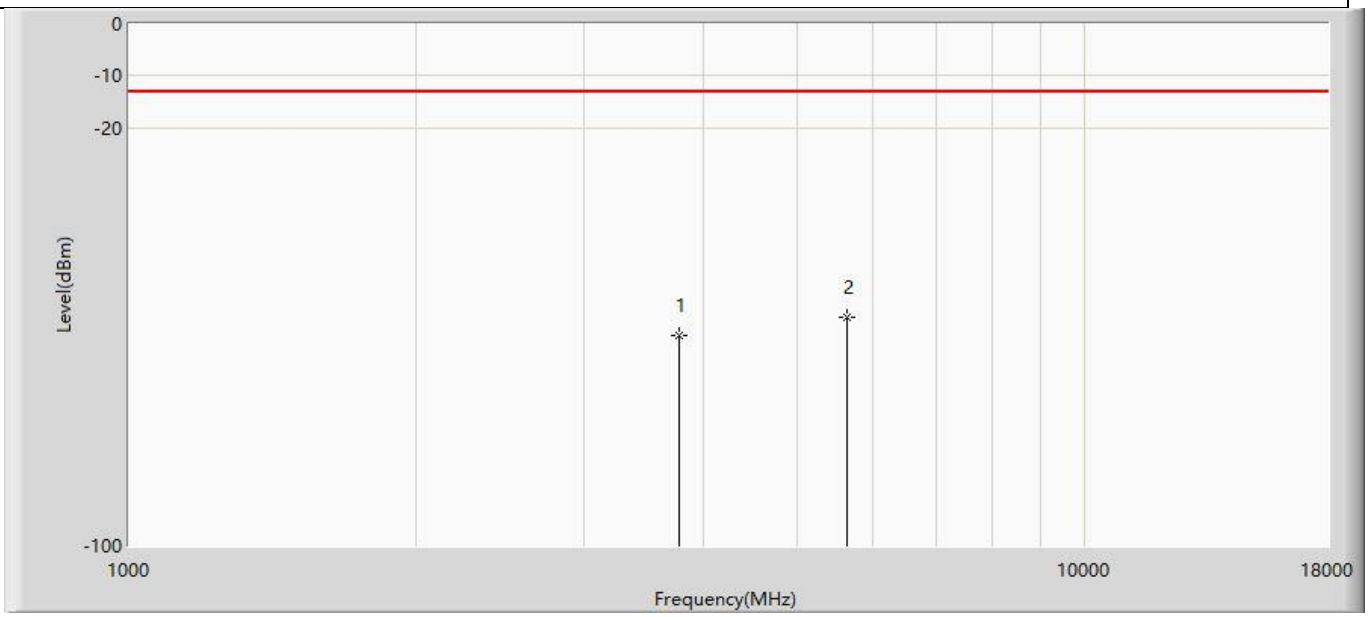
No	Mark	Frequency (MHz)	Measure Level (dBm)	Reading Level (dBm)	Over Limit (dB)	Limit (dBm)	Factor (dB)	Type
1		1420.000	-67.246	-53.917	-54.246	-13.000	-13.329	PK
2	*	2130.000	-63.432	-53.241	-50.432	-13.000	-10.191	PK

Profile: 24A0319R	Page No.: 72
Engineer: Yuliu	
Site: AC5	Time: 2024/10/22 - 15:45
Limit: FCC Part 22&24&27&90	Margin: 0
Probe: CE_1-18G_AMP	Polarity: Vertical
EUT: POS Terminal	Power: Battery Powered
Note: Mode 8:LTE band17 Traffic 710MHz	



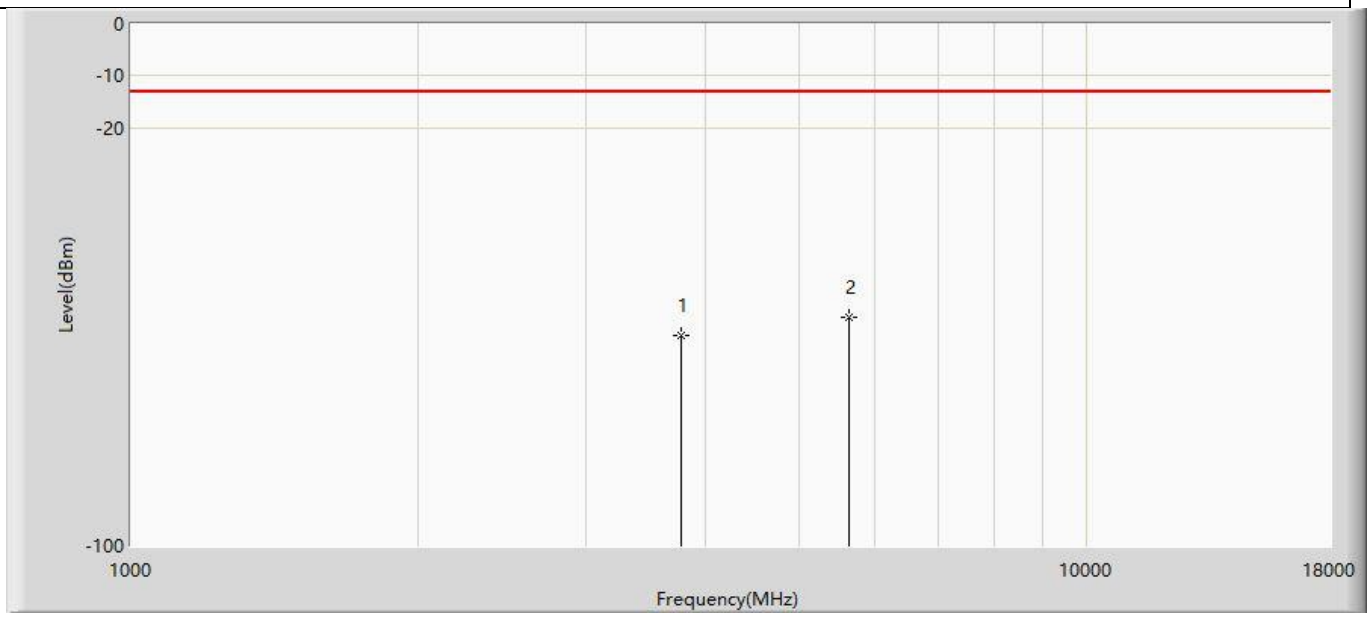
No	Mark	Frequency (MHz)	Measure Level (dBm)	Reading Level (dBm)	Over Limit (dB)	Limit (dBm)	Factor (dB)	Type
1		1420.000	-67.684	-54.699	-54.684	-13.000	-12.985	PK
2	*	2130.000	-64.187	-54.374	-51.187	-13.000	-9.813	PK

Profile: 24A0319R	Page No.: 73
Engineer: Yuliu	
Site: AC5	Time: 2024/10/22 - 15:45
Limit: FCC Part 22&24&27&90	Margin: 0
Probe: CE_1-18G_AMP	Polarity: Horizontal
EUT: POS Terminal	Power: Battery Powered
Note: Mode 9:LTE band25 Traffic 1882.5MHz	



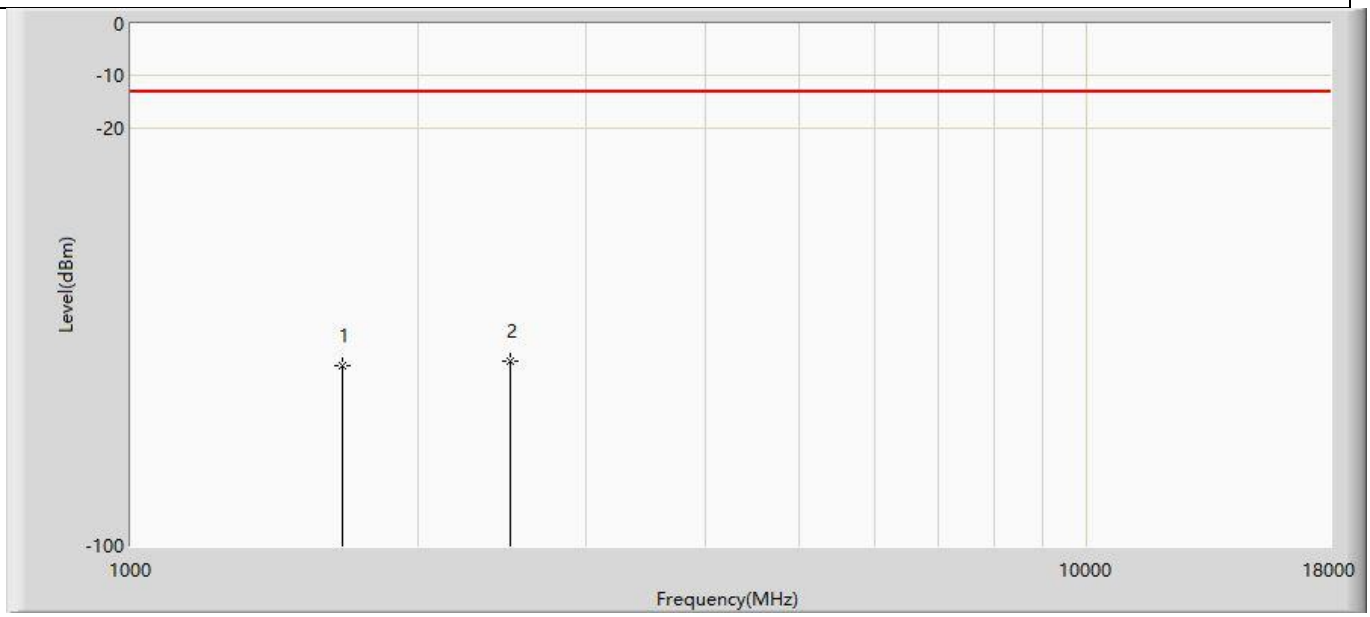
No	Mark	Frequency (MHz)	Measure Level (dBm)	Reading Level (dBm)	Over Limit (dB)	Limit (dBm)	Factor (dB)	Type
1		3765.000	-59.798	-54.177	-46.798	-13.000	-5.621	PK
2	*	5647.500	-56.138	-54.667	-43.138	-13.000	-1.471	PK

Profile: 24A0319R	Page No.: 74
Engineer: Yuliu	
Site: AC5	Time: 2024/10/22 - 15:45
Limit: FCC Part 22&24&27&90	Margin: 0
Probe: CE_1-18G_AMP	Polarity: Vertical
EUT: POS Terminal	Power: Battery Powered
Note: Mode 9:LTE band25 Traffic 1882.5MHz	



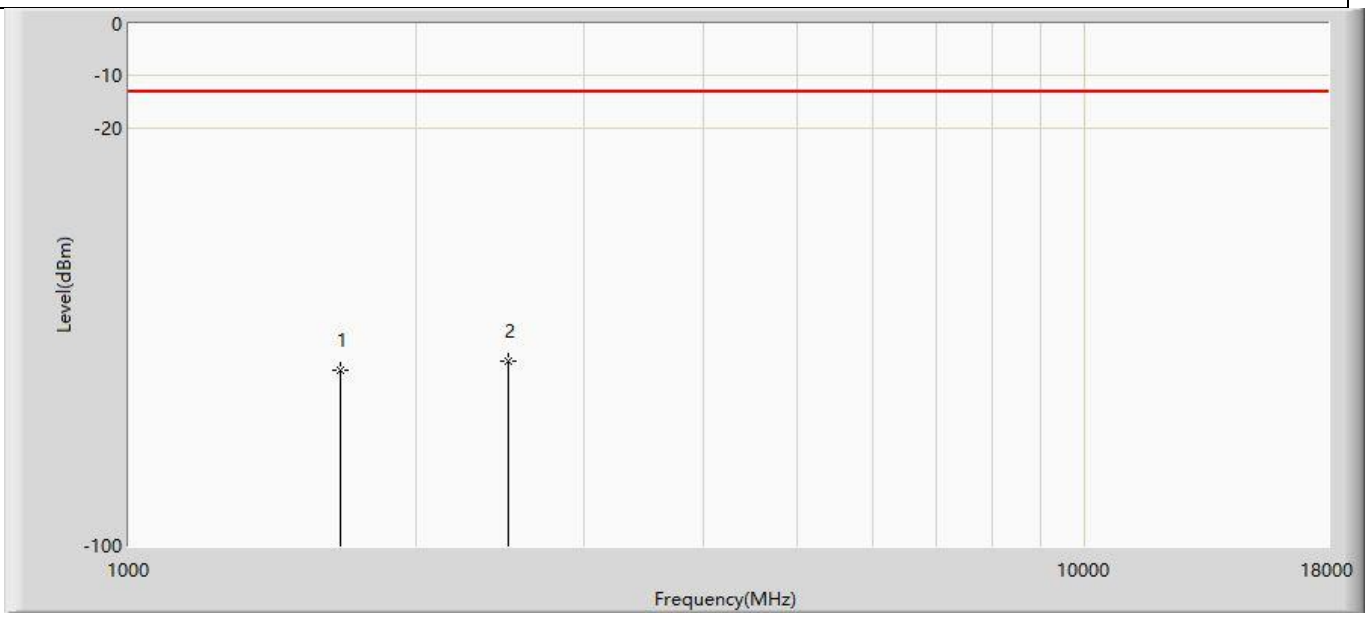
No	Mark	Frequency (MHz)	Measure Level (dBm)	Reading Level (dBm)	Over Limit (dB)	Limit (dBm)	Factor (dB)	Type
1		3765.000	-59.767	-54.254	-46.767	-13.000	-5.513	PK
2	*	5647.500	-56.113	-55.324	-43.113	-13.000	-0.789	PK

Profile: 24A0319R	Page No.: 75
Engineer: Yuliu	
Site: AC5	Time: 2024/10/22 - 15:45
Limit: FCC Part 22&24&27&90	Margin: 0
Probe: CE_1-18G_AMP	Polarity: Horizontal
EUT: POS Terminal	Power: Battery Powered
Note: Mode 10:LTE band26 Traffic 831.5MHz	



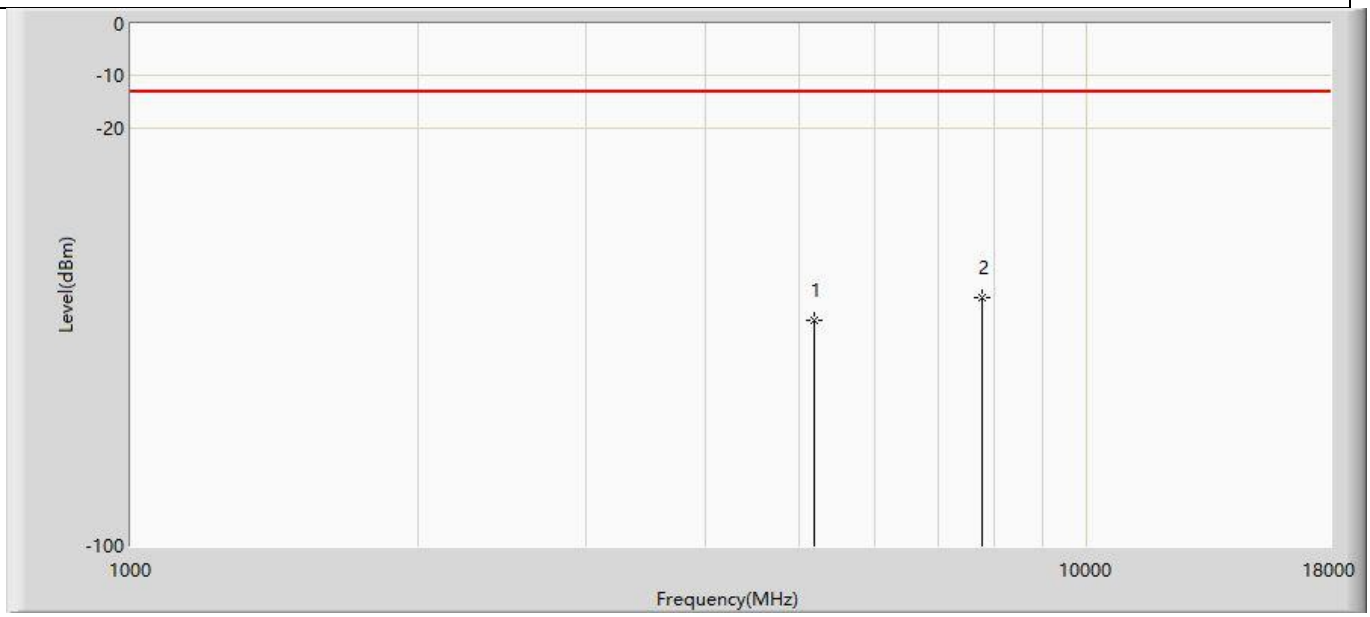
No	Mark	Frequency (MHz)	Measure Level (dBm)	Reading Level (dBm)	Over Limit (dB)	Limit (dBm)	Factor (dB)	Type
1		1663.000	-65.619	-53.789	-52.619	-13.000	-11.830	PK
2	*	2494.500	-64.726	-54.625	-51.726	-13.000	-10.101	PK

Profile: 24A0319R	Page No.: 76
Engineer: Yuliu	
Site: AC5	Time: 2024/10/22 - 15:45
Limit: FCC Part 22&24&27&90	Margin: 0
Probe: CE_1-18G_AMP	Polarity: Vertical
EUT: POS Terminal	Power: Battery Powered
Note: Mode 10:LTE band26 Traffic 831.5MHz	



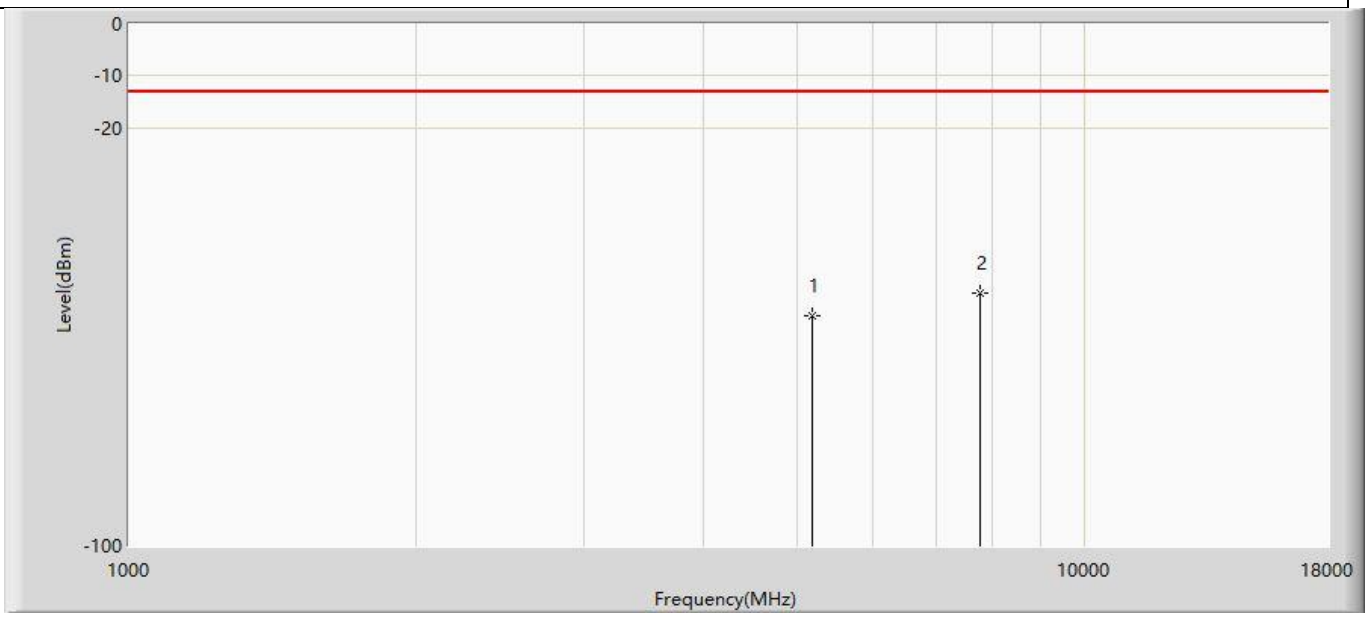
No	Mark	Frequency (MHz)	Measure Level (dBm)	Reading Level (dBm)	Over Limit (dB)	Limit (dBm)	Factor (dB)	Type
1		1663.000	-66.273	-55.003	-53.273	-13.000	-11.270	PK
2	*	2494.500	-64.633	-55.031	-51.633	-13.000	-9.602	PK

Profile: 24A0319R	Page No.: 77
Engineer: Yuliu	
Site: AC5	Time: 2024/10/22 - 15:45
Limit: FCC Part 22&24&27&90	Margin: 0
Probe: CE_1-18G_AMP	Polarity: Horizontal
EUT: POS Terminal	Power: Battery Powered
Note: Mode 11:LTE band38 Traffic 2595MHz	



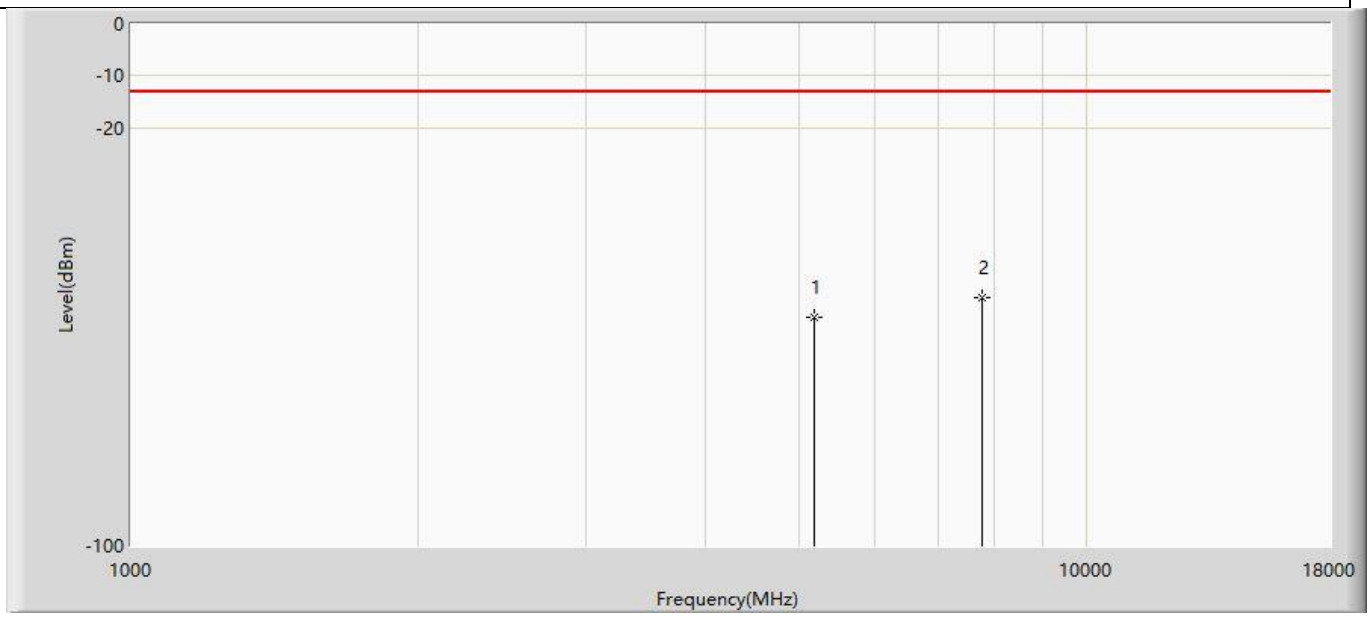
No	Mark	Frequency (MHz)	Measure Level (dBm)	Reading Level (dBm)	Over Limit (dB)	Limit (dBm)	Factor (dB)	Type
1		5190.000	-56.819	-55.398	-43.819	-13.000	-1.421	PK
2	*	7785.000	-52.349	-56.654	-39.349	-13.000	4.305	PK

Profile: 24A0319R	Page No.: 78
Engineer: Yuliu	
Site: AC5	Time: 2024/10/22 - 15:45
Limit: FCC Part 22&24&27&90	Margin: 0
Probe: CE_1-18G_AMP	Polarity: Vertical
EUT: POS Terminal	Power: Battery Powered
Note: Mode 11:LTE band38 Traffic 2595MHz	



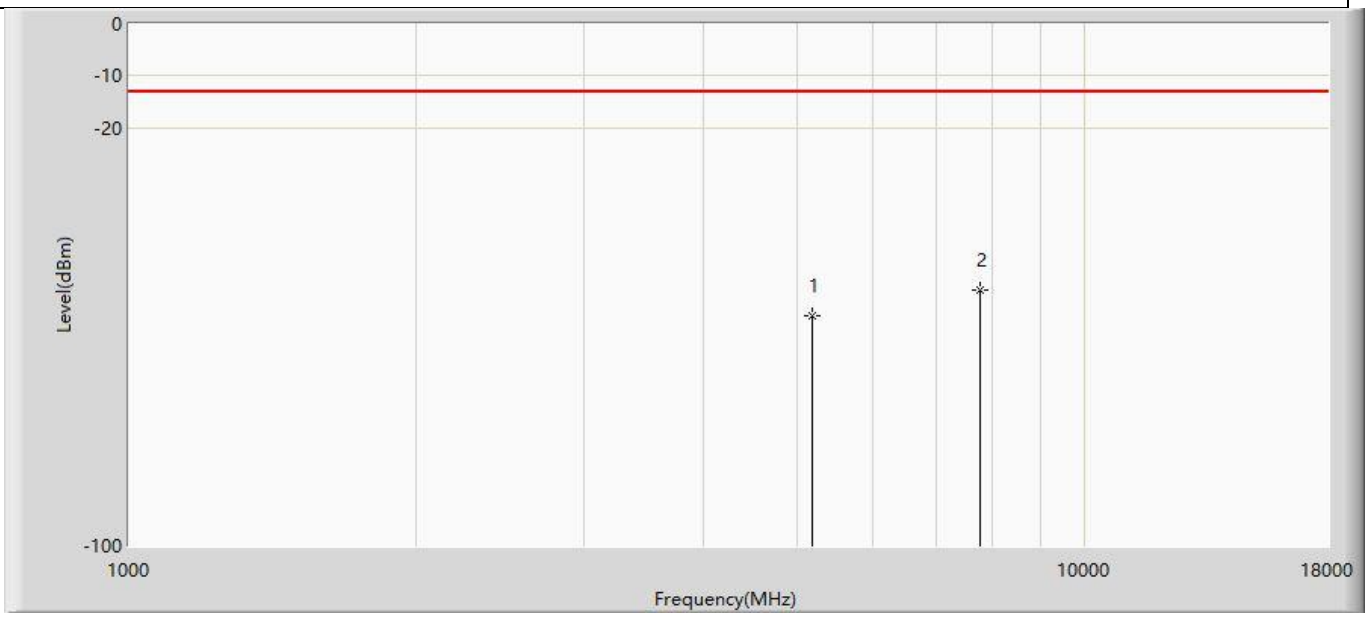
No	Mark	Frequency (MHz)	Measure Level (dBm)	Reading Level (dBm)	Over Limit (dB)	Limit (dBm)	Factor (dB)	Type
1		5190.000	-55.993	-54.865	-42.993	-13.000	-1.128	PK
2	*	7785.000	-51.580	-56.324	-38.580	-13.000	4.744	PK

Profile: 24A0319R	Page No.: 79
Engineer: Yuliu	
Site: AC5	Time: 2024/10/22 - 15:45
Limit: FCC Part 22&24&27&90	Margin: 0
Probe: CE_1-18G_AMP	Polarity: Horizontal
EUT: POS Terminal	Power: Battery Powered
Note: Mode 12:LTE band41 Traffic 2593MHz	



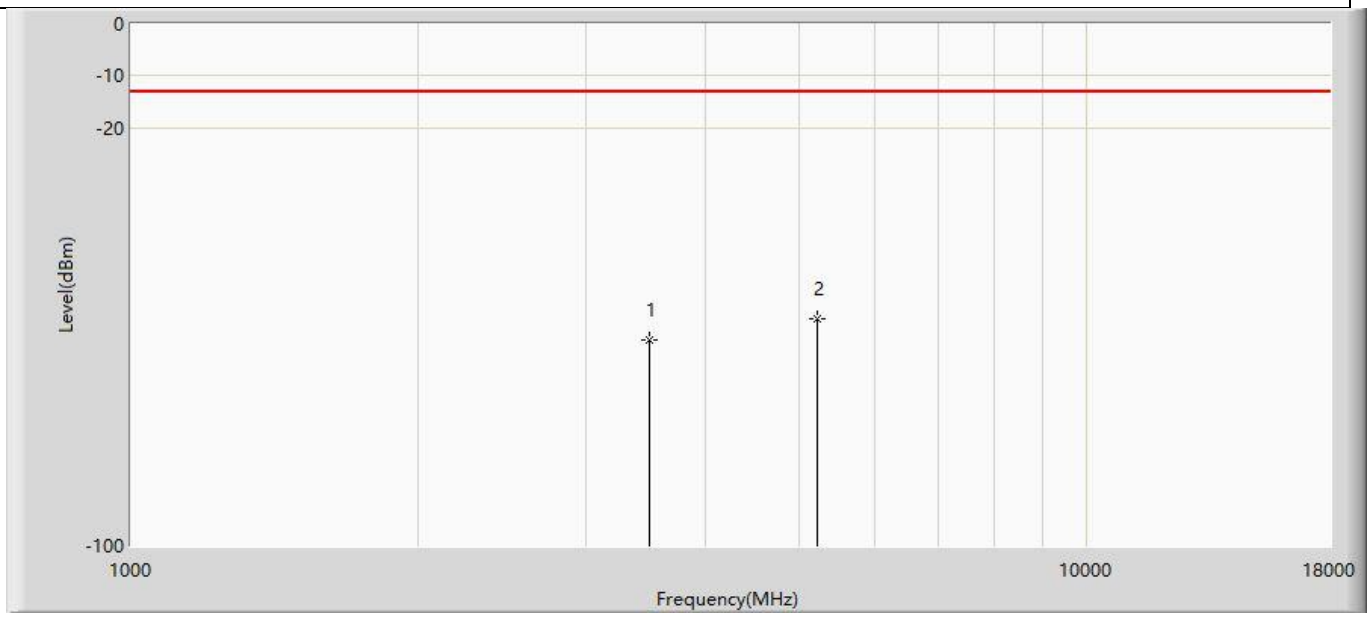
No	Mark	Frequency (MHz)	Measure Level (dBm)	Reading Level (dBm)	Over Limit (dB)	Limit (dBm)	Factor (dB)	Type
1		5186.000	-56.217	-54.792	-43.217	-13.000	-1.425	PK
2	*	7779.000	-52.378	-56.544	-39.378	-13.000	4.166	PK

Profile: 24A0319R	Page No.: 80
Engineer: Yuliu	
Site: AC5	Time: 2024/10/22 - 15:45
Limit: FCC Part 22&24&27&90	Margin: 0
Probe: CE_1-18G_AMP	Polarity: Vertical
EUT: POS Terminal	Power: Battery Powered
Note: Mode 12:LTE band41 Traffic 2593MHz	



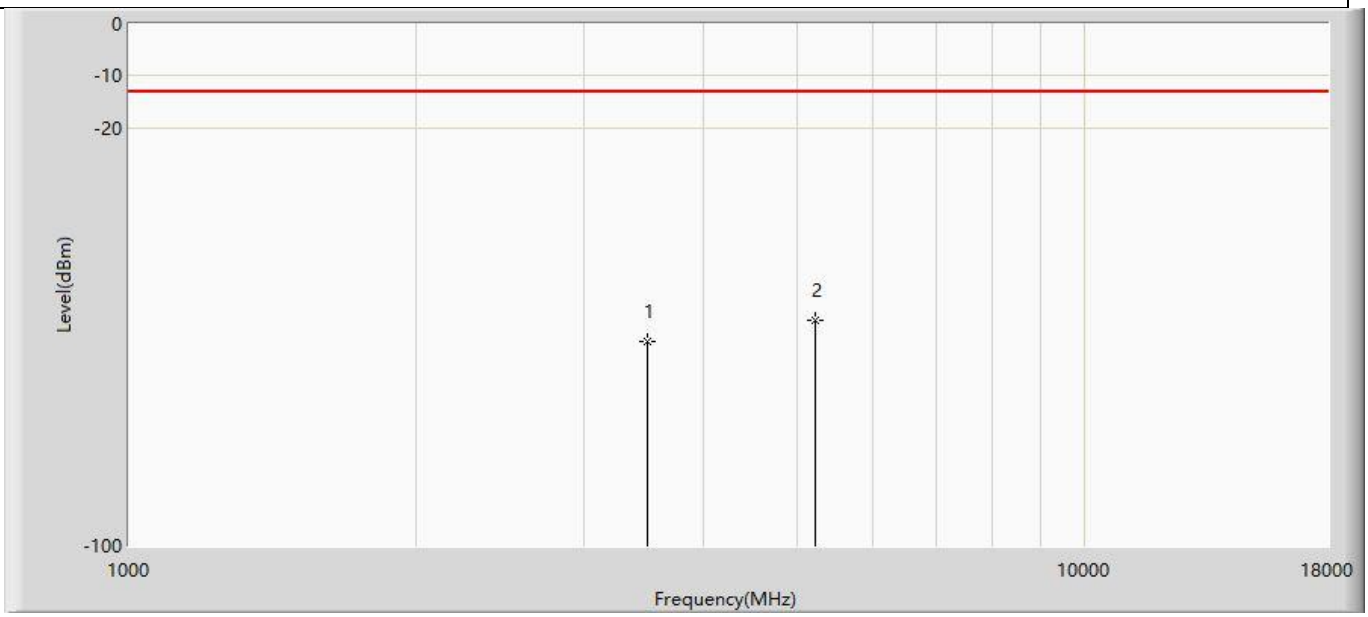
No	Mark	Frequency (MHz)	Measure Level (dBm)	Reading Level (dBm)	Over Limit (dB)	Limit (dBm)	Factor (dB)	Type
1		5186.000	-56.008	-54.939	-43.008	-13.000	-1.069	PK
2	*	7779.000	-51.139	-55.865	-38.139	-13.000	4.726	PK

Profile: 24A0319R	Page No.: 81
Engineer: Yuliu	
Site: AC5	Time: 2024/10/22 - 15:45
Limit: FCC Part 22&24&27&90	Margin: 0
Probe: CE_1-18G_AMP	Polarity: Horizontal
EUT: POS Terminal	Power: Battery Powered
Note: Mode 13:LTE band66 Traffic 1745MHz	



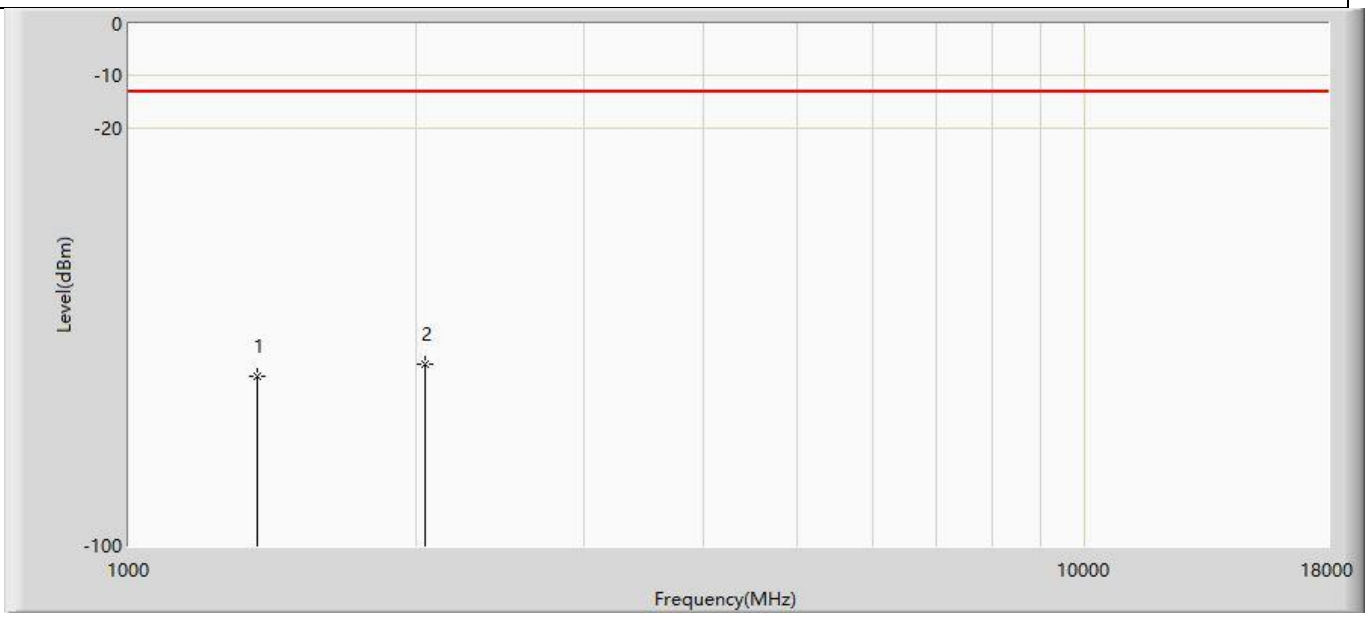
No	Mark	Frequency (MHz)	Measure Level (dBm)	Reading Level (dBm)	Over Limit (dB)	Limit (dBm)	Factor (dB)	Type
1		3490.000	-60.543	-53.020	-47.543	-13.000	-7.523	PK
2	*	5235.000	-56.442	-55.421	-43.442	-13.000	-1.021	PK

Profile: 24A0319R	Page No.: 82
Engineer: Yuliu	
Site: AC5	Time: 2024/10/22 - 15:45
Limit: FCC Part 22&24&27&90	Margin: 0
Probe: CE_1-18G_AMP	Polarity: Vertical
EUT: POS Terminal	Power: Battery Powered
Note: Mode 13:LTE band66 Traffic 1745MHz	



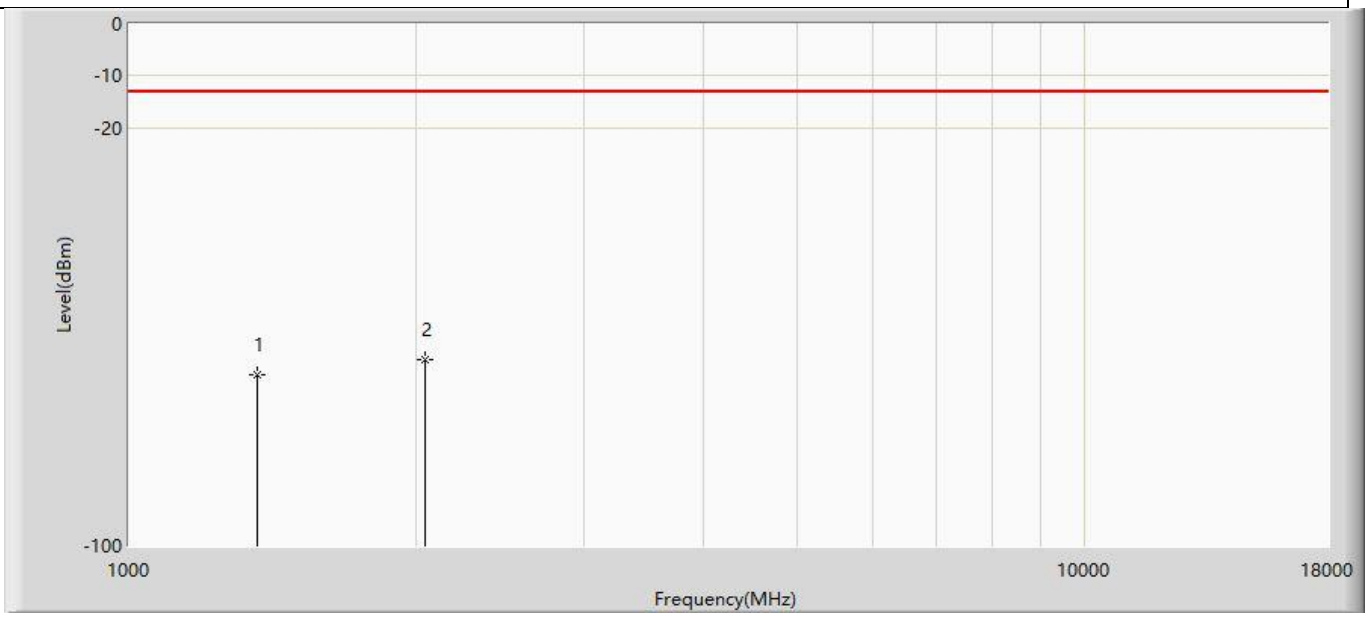
No	Mark	Frequency (MHz)	Measure Level (dBm)	Reading Level (dBm)	Over Limit (dB)	Limit (dBm)	Factor (dB)	Type
1		3490.000	-60.840	-53.542	-47.840	-13.000	-7.298	PK
2	*	5235.000	-56.806	-55.708	-43.806	-13.000	-1.098	PK

Profile: 24A0319R	Page No.: 83
Engineer: Yuliu	
Site: AC5	Time: 2024/10/22 - 15:45
Limit: FCC Part 22&24&27&90	Margin: 0
Probe: CE_1-18G_AMP	Polarity: Horizontal
EUT: POS Terminal	Power: Battery Powered
Note: Mode 14:LTE band71 Traffic 680.5MHz	



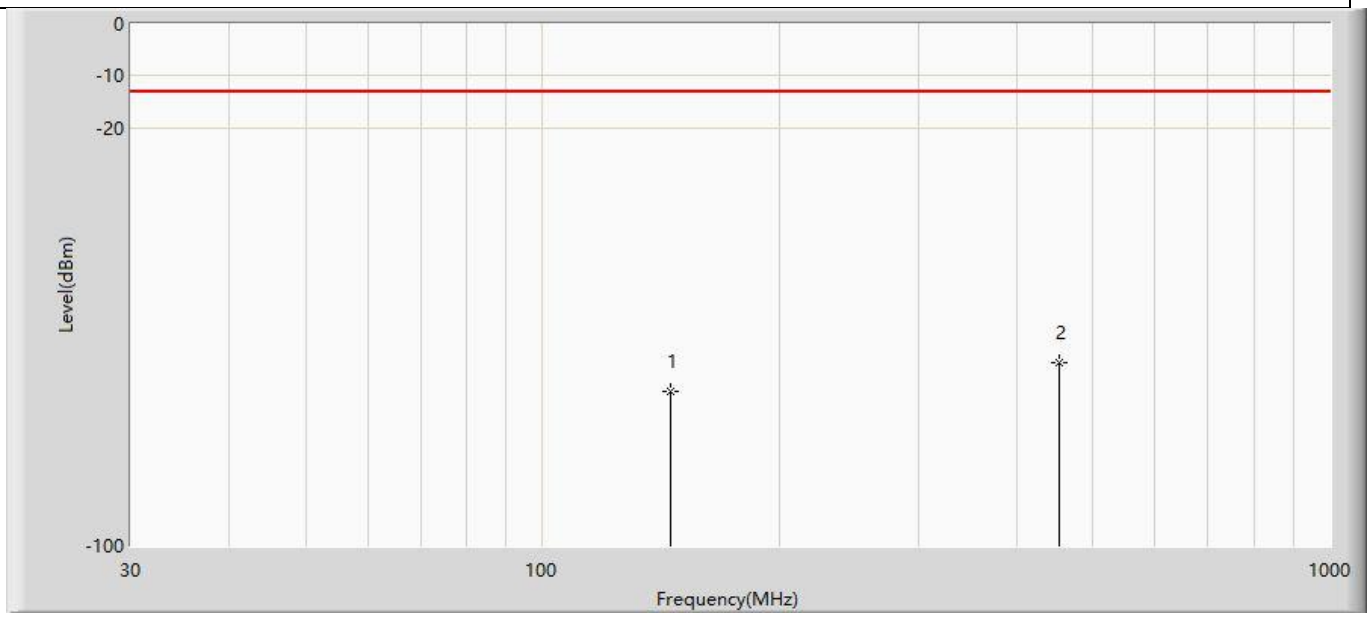
No	Mark	Frequency (MHz)	Measure Level (dBm)	Reading Level (dBm)	Over Limit (dB)	Limit (dBm)	Factor (dB)	Type
1		1361.000	-67.514	-54.489	-54.514	-13.000	-13.025	PK
2	*	2041.500	-65.237	-54.157	-52.237	-13.000	-11.080	PK

Profile: 24A0319R	Page No.: 84
Engineer: Yuliu	
Site: AC5	Time: 2024/10/22 - 15:46
Limit: FCC Part 22&24&27&90	Margin: 0
Probe: CE_1-18G_AMP	Polarity: Vertical
EUT: POS Terminal	Power: Battery Powered
Note: Mode 14:LTE band71 Traffic 680.5MHz	



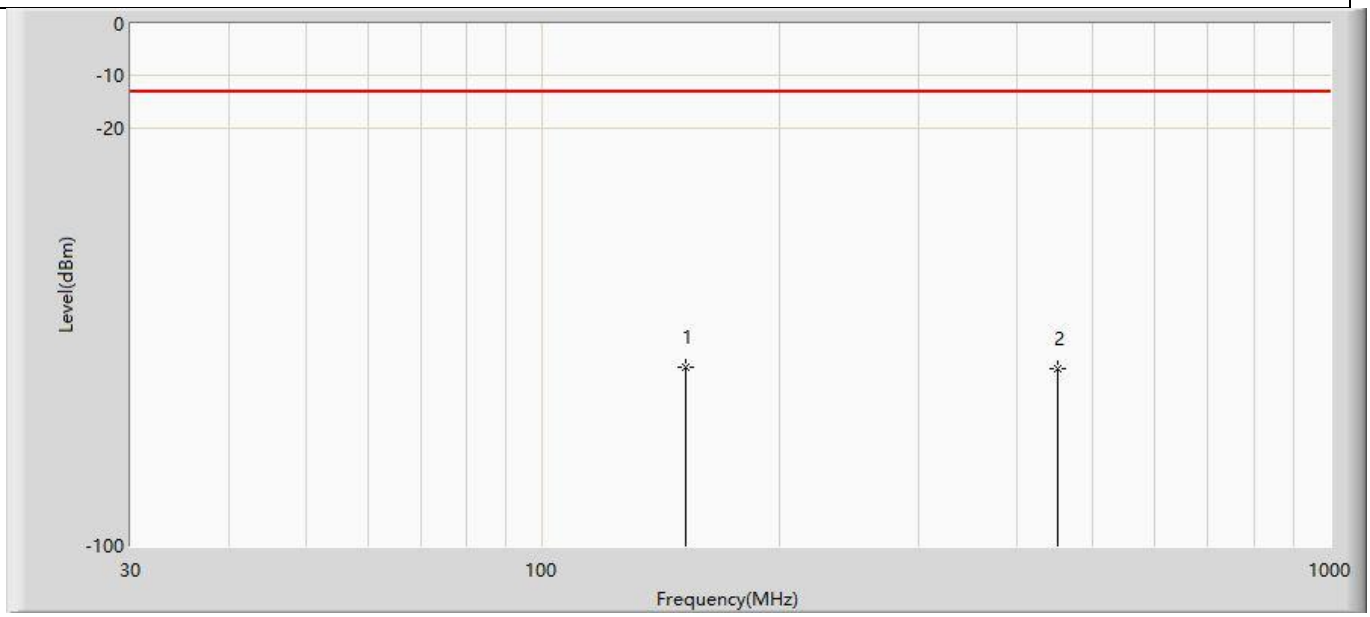
No	Mark	Frequency (MHz)	Measure Level (dBm)	Reading Level (dBm)	Over Limit (dB)	Limit (dBm)	Factor (dB)	Type
1		1361.000	-67.146	-54.387	-54.146	-13.000	-12.759	PK
2	*	2041.500	-64.257	-53.855	-51.257	-13.000	-10.402	PK

Profile: 24A0319R	Page No.: 85
Engineer: Yuliu	
Site: AC5	Time: 2024/10/22 - 15:46
Limit: FCC Part 22&24&27&90	Margin: 0
Probe: CE_30-1G	Polarity: Horizontal
EUT: POS Terminal	Power: Battery Powered
Note: Mode 1:LTE band2 Traffic 1880MHz	



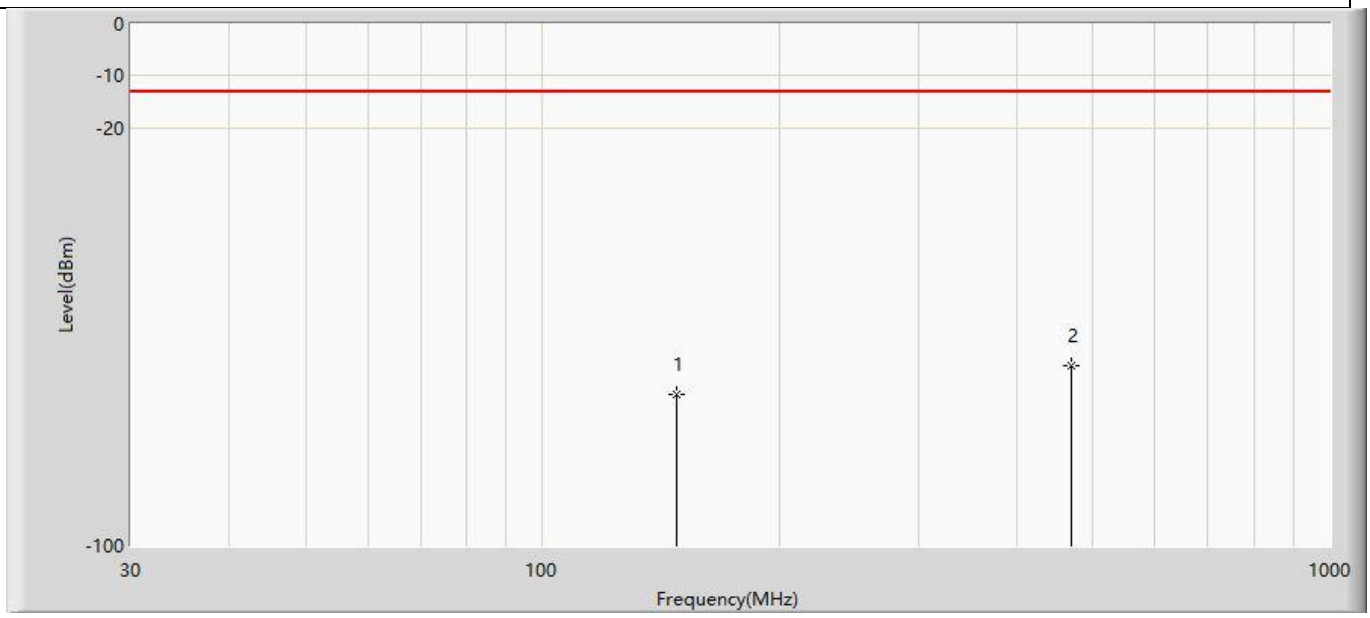
No	Mark	Frequency (MHz)	Measure Level (dBm)	Reading Level (dBm)	Over Limit (dB)	Limit (dBm)	Factor (dB)	Type
1		145.430	-70.397	-94.777	-57.397	-13.000	24.380	PK
2	*	453.890	-65.037	-93.687	-52.037	-13.000	28.650	PK

Profile: 24A0319R	Page No.: 86
Engineer: Yuliu	
Site: AC5	Time: 2024/10/22 - 15:46
Limit: FCC Part 22&24&27&90	Margin: 0
Probe: CE_30-1G	Polarity: Vertical
EUT: POS Terminal	Power: Battery Powered
Note: Mode 1:LTE band2 Traffic 1880MHz	



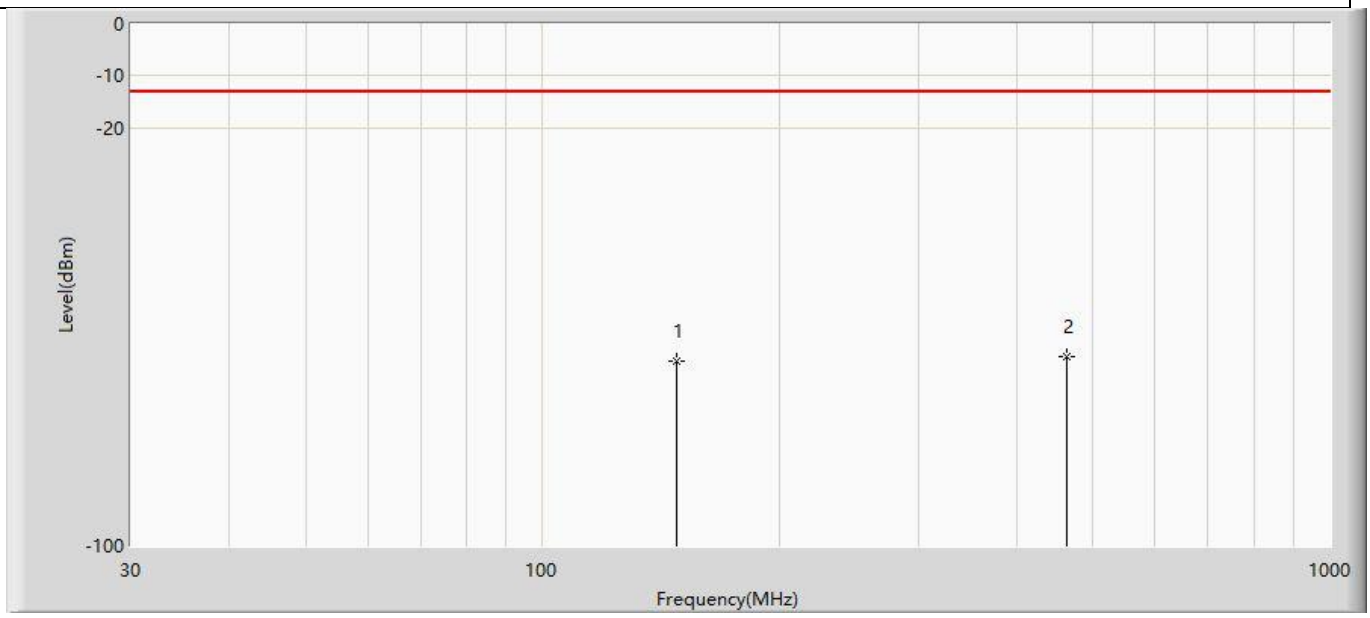
No	Mark	Frequency (MHz)	Measure Level (dBm)	Reading Level (dBm)	Over Limit (dB)	Limit (dBm)	Factor (dB)	Type
1	*	152.220	-65.680	-94.720	-52.680	-13.000	29.040	PK
2		450.980	-66.188	-94.938	-53.188	-13.000	28.750	PK

Profile: 24A0319R	Page No.: 87
Engineer: Yuliu	
Site: AC5	Time: 2024/10/22 - 15:46
Limit: FCC Part 22&24&27&90	Margin: 0
Probe: CE_30-1G	Polarity: Horizontal
EUT: POS Terminal	Power: Battery Powered
Note: Mode 2:LTE band4 Traffic 1732.5MHz	



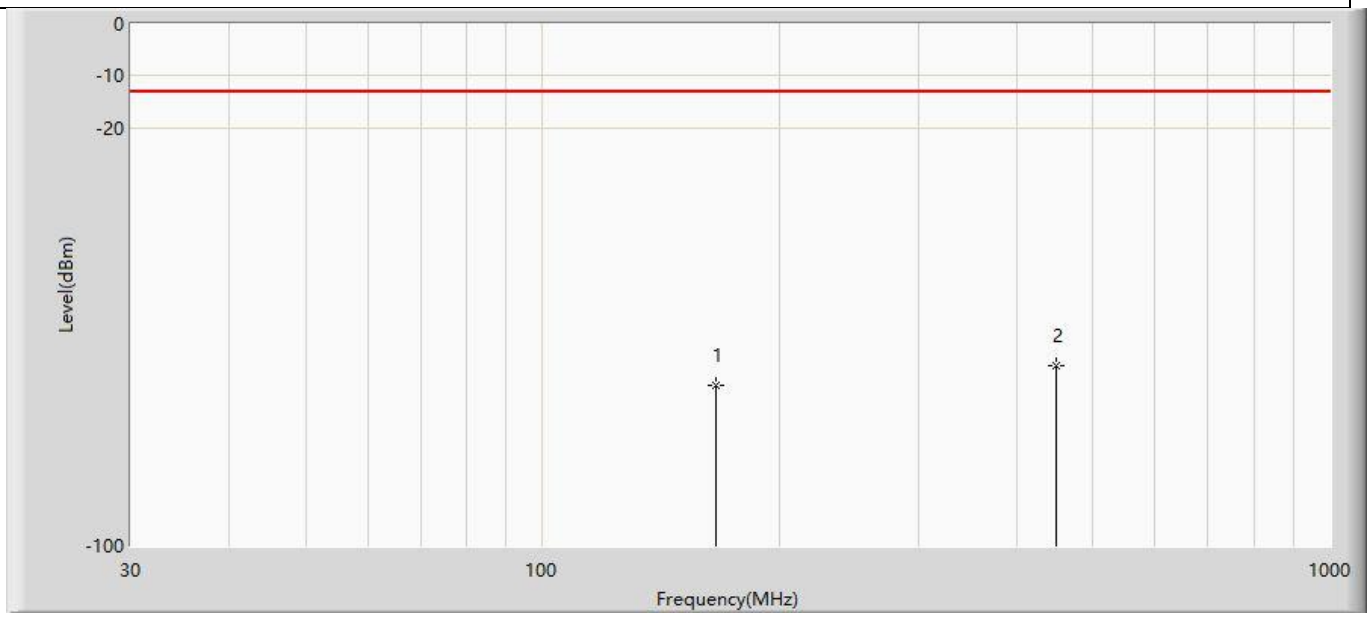
No	Mark	Frequency (MHz)	Measure Level (dBm)	Reading Level (dBm)	Over Limit (dB)	Limit (dBm)	Factor (dB)	Type
1		148.340	-70.924	-95.354	-57.924	-13.000	24.430	PK
2	*	469.410	-65.569	-94.109	-52.569	-13.000	28.540	PK

Profile: 24A0319R	Page No.: 88
Engineer: Yuliu	
Site: AC5	Time: 2024/10/22 - 15:46
Limit: FCC Part 22&24&27&90	Margin: 0
Probe: CE_30-1G	Polarity: Vertical
EUT: POS Terminal	Power: Battery Powered
Note: Mode 2:LTE band4 Traffic 1732.5MHz	



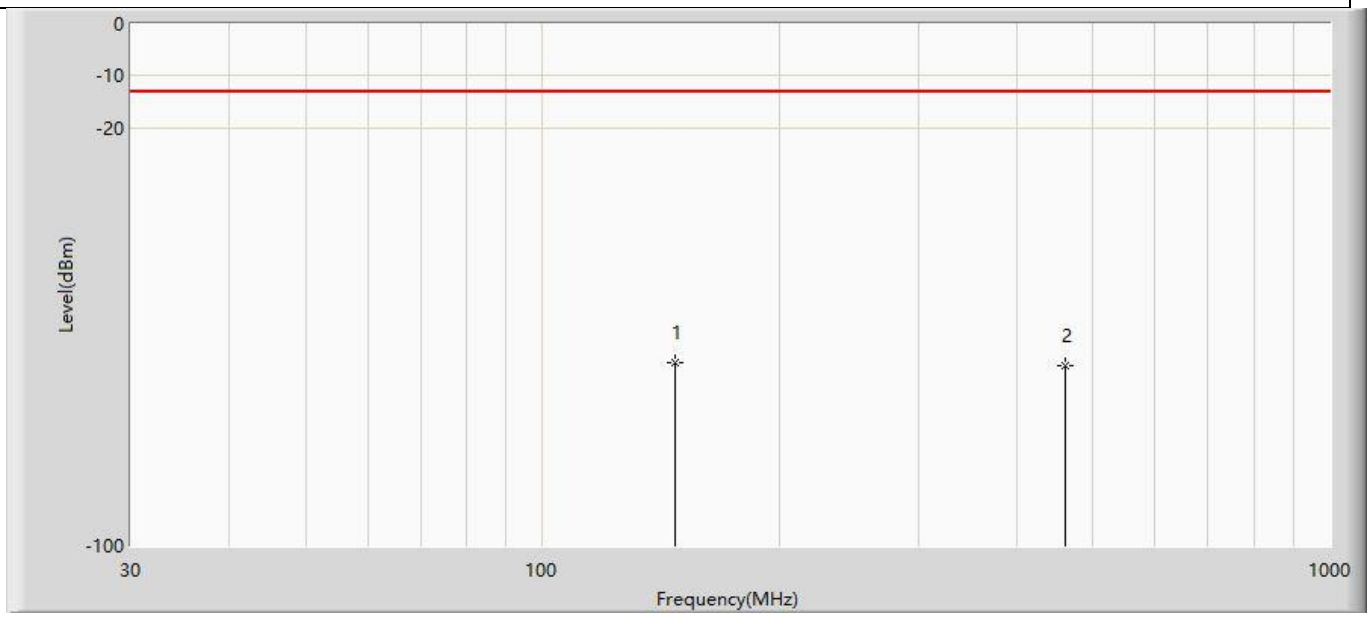
No	Mark	Frequency (MHz)	Measure Level (dBm)	Reading Level (dBm)	Over Limit (dB)	Limit (dBm)	Factor (dB)	Type
1		148.340	-64.672	-94.072	-51.672	-13.000	29.400	PK
2	*	463.590	-63.700	-92.550	-50.700	-13.000	28.850	PK

Profile: 24A0319R	Page No.: 89
Engineer: Yuliu	
Site: AC5	Time: 2024/10/22 - 15:46
Limit: FCC Part 22&24&27&90	Margin: 0
Probe: CE_30-1G	Polarity: Horizontal
EUT: POS Terminal	Power: Battery Powered
Note: Mode 3:LTE band5 Traffic 836.5MHz	



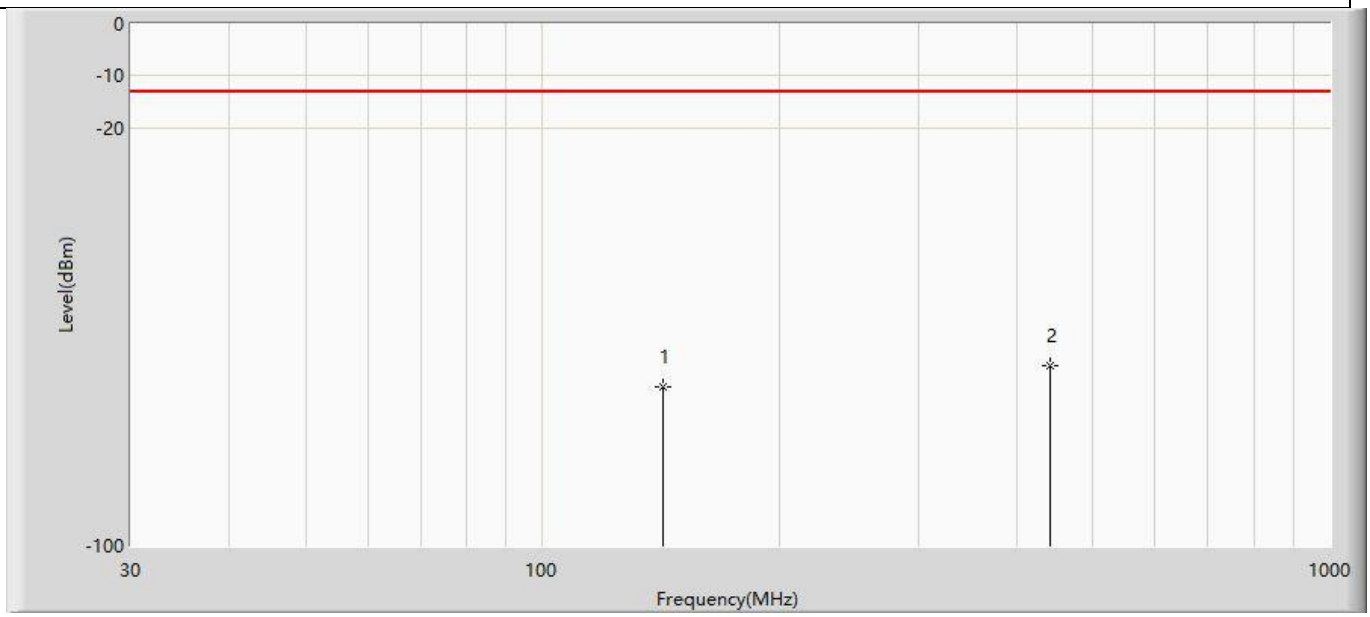
No	Mark	Frequency (MHz)	Measure Level (dBm)	Reading Level (dBm)	Over Limit (dB)	Limit (dBm)	Factor (dB)	Type
1		165.800	-69.202	-93.442	-56.202	-13.000	24.240	PK
2	*	450.010	-65.630	-94.320	-52.630	-13.000	28.690	PK

Profile: 24A0319R	Page No.: 90
Engineer: Yuliu	
Site: AC5	Time: 2024/10/22 - 15:46
Limit: FCC Part 22&24&27&90	Margin: 0
Probe: CE_30-1G	Polarity: Vertical
EUT: POS Terminal	Power: Battery Powered
Note: Mode 3:LTE band5 Traffic 836.5MHz	



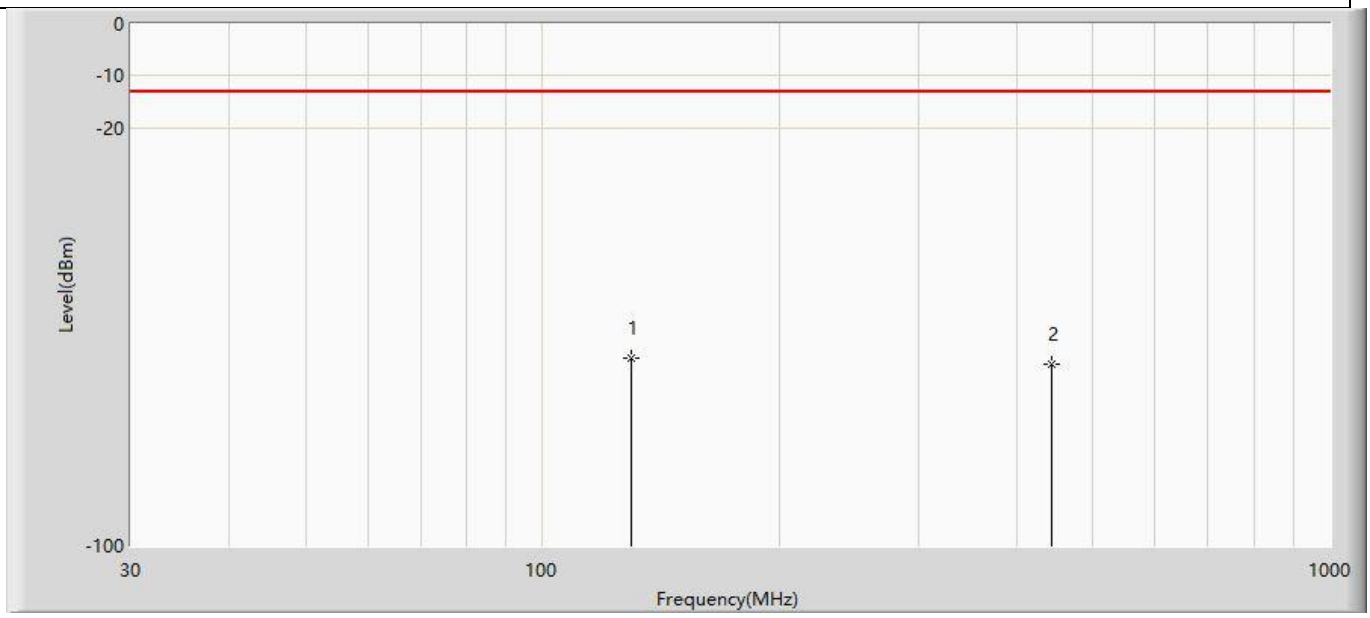
No	Mark	Frequency (MHz)	Measure Level (dBm)	Reading Level (dBm)	Over Limit (dB)	Limit (dBm)	Factor (dB)	Type
1	*	147.370	-65.063	-94.523	-52.063	-13.000	29.460	PK
2		461.650	-65.504	-94.364	-52.504	-13.000	28.860	PK

Profile: 24A0319R	Page No.: 91
Engineer: Yuliu	
Site: AC5	Time: 2024/10/22 - 15:46
Limit: FCC Part 22&24&27&90	Margin: 0
Probe: CE_30-1G	Polarity: Horizontal
EUT: POS Terminal	Power: Battery Powered
Note: Mode 4:LTE band7 Traffic 2535MHz	



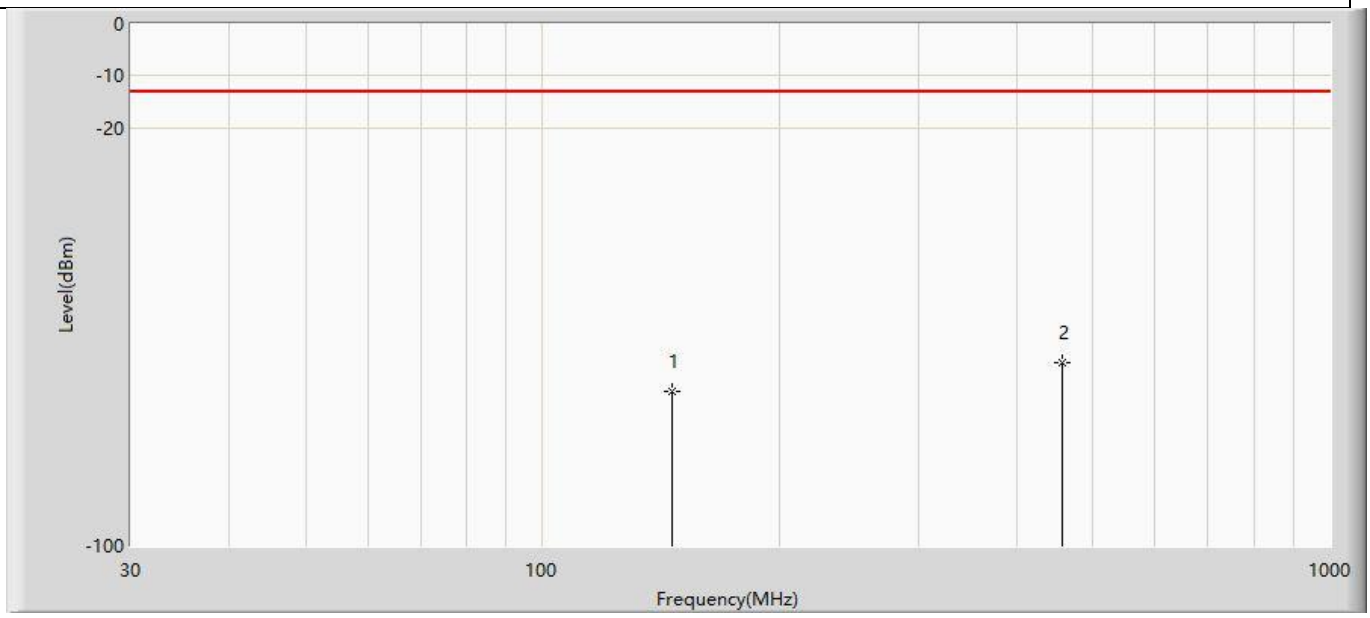
No	Mark	Frequency (MHz)	Measure Level (dBm)	Reading Level (dBm)	Over Limit (dB)	Limit (dBm)	Factor (dB)	Type
1		142.520	-69.645	-93.365	-56.645	-13.000	23.720	PK
2	*	441.280	-65.612	-94.422	-52.612	-13.000	28.810	PK

Profile: 24A0319R	Page No.: 92
Engineer: Yuliu	
Site: AC5	Time: 2024/10/22 - 15:46
Limit: FCC Part 22&24&27&90	Margin: 0
Probe: CE_30-1G	Polarity: Vertical
EUT: POS Terminal	Power: Battery Powered
Note: Mode 4:LTE band7 Traffic 2535MHz	



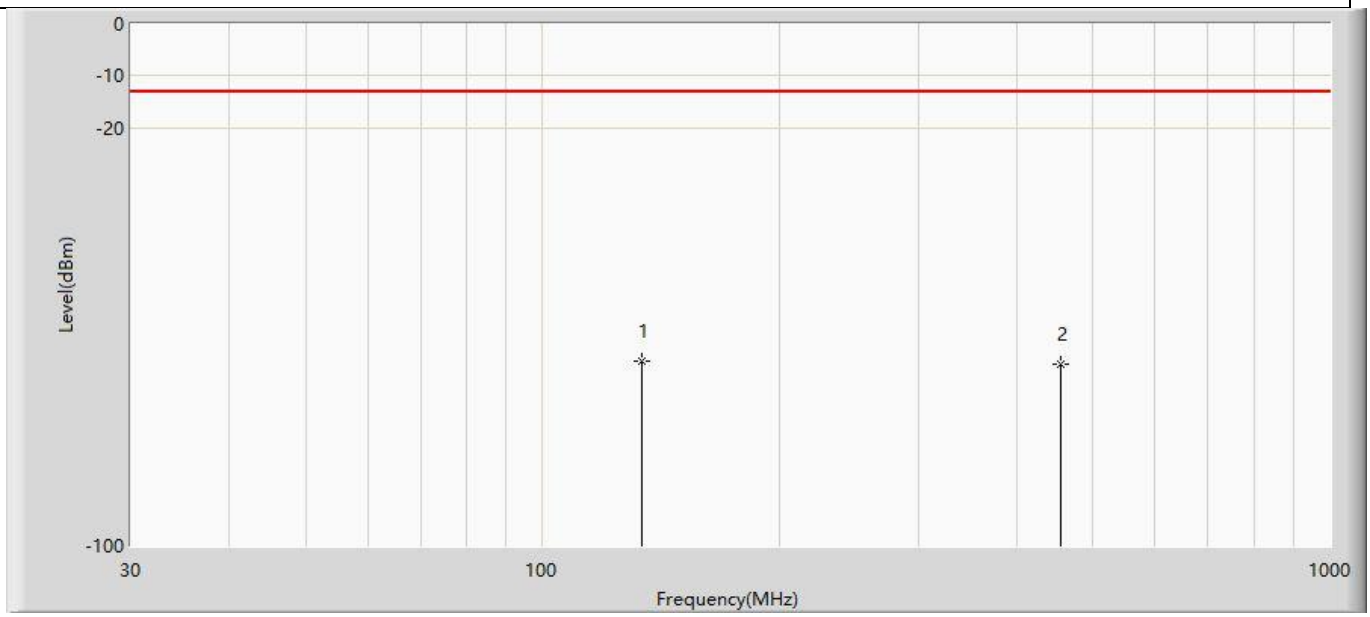
No	Mark	Frequency (MHz)	Measure Level (dBm)	Reading Level (dBm)	Over Limit (dB)	Limit (dBm)	Factor (dB)	Type
1	*	129.910	-64.001	-93.231	-51.001	-13.000	29.230	PK
2		443.220	-65.240	-94.070	-52.240	-13.000	28.830	PK

Profile: 24A0319R	Page No.: 93
Engineer: Yuliu	
Site: AC5	Time: 2024/10/22 - 15:46
Limit: FCC Part 22&24&27&90	Margin: 0
Probe: CE_30-1G	Polarity: Horizontal
EUT: POS Terminal	Power: Battery Powered
Note: Mode 5:LTE band12 Traffic 707.5MHz	



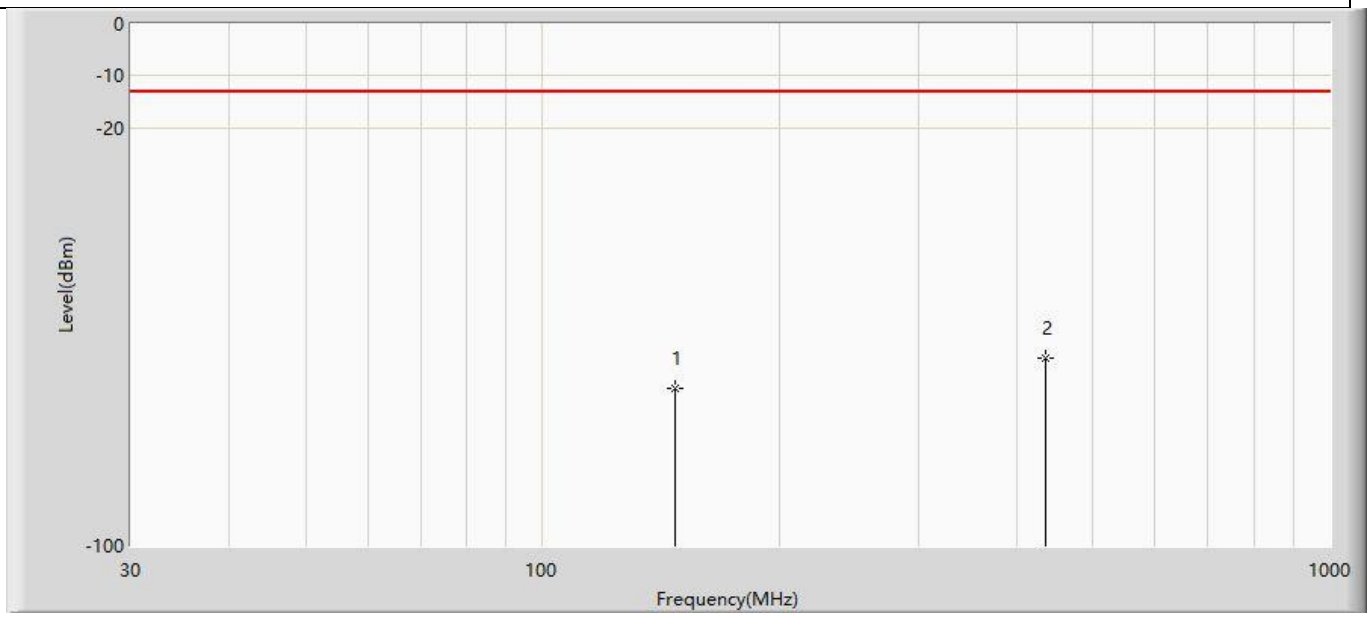
No	Mark	Frequency (MHz)	Measure Level (dBm)	Reading Level (dBm)	Over Limit (dB)	Limit (dBm)	Factor (dB)	Type
1		146.400	-70.566	-95.086	-57.566	-13.000	24.520	PK
2	*	457.770	-64.815	-93.225	-51.815	-13.000	28.410	PK

Profile: 24A0319R	Page No.: 94
Engineer: Yuliu	
Site: AC5	Time: 2024/10/22 - 15:46
Limit: FCC Part 22&24&27&90	Margin: 0
Probe: CE_30-1G	Polarity: Vertical
EUT: POS Terminal	Power: Battery Powered
Note: Mode 5:LTE band12 Traffic 707.5MHz	



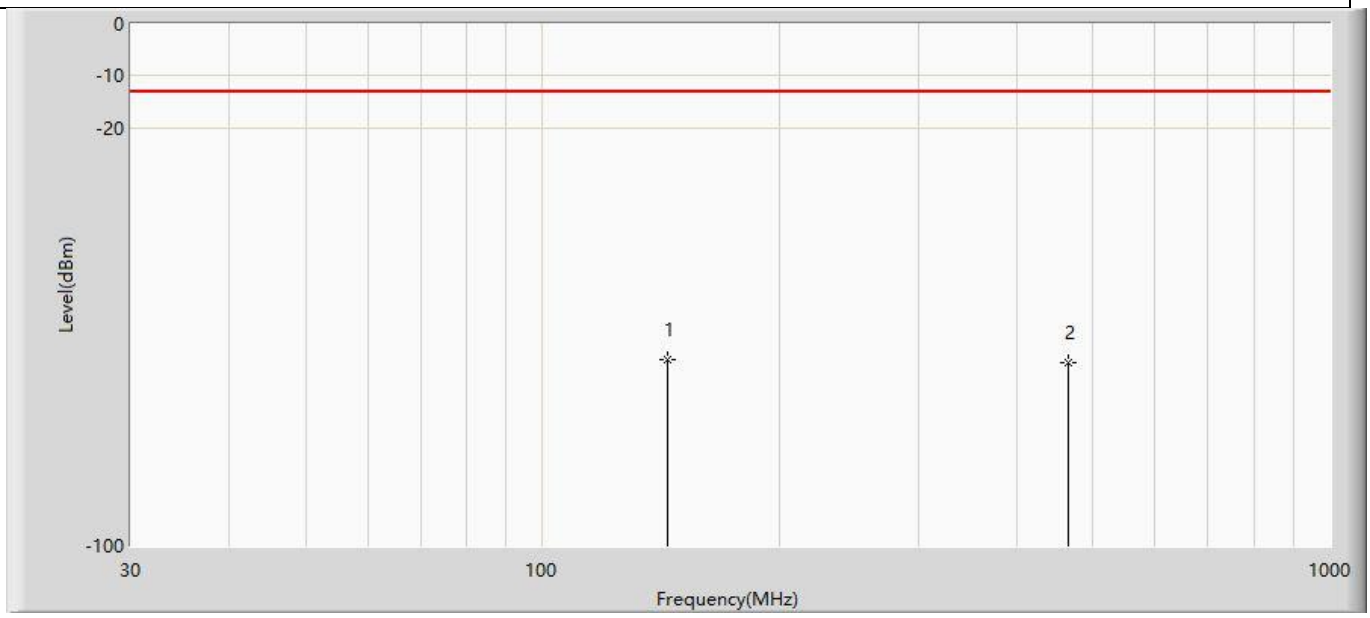
No	Mark	Frequency (MHz)	Measure Level (dBm)	Reading Level (dBm)	Over Limit (dB)	Limit (dBm)	Factor (dB)	Type
1	*	133.790	-64.507	-94.097	-51.507	-13.000	29.590	PK
2		454.860	-65.335	-94.055	-52.335	-13.000	28.720	PK

Profile: 24A0319R	Page No.: 95
Engineer: Yuliu	
Site: AC5	Time: 2024/10/22 - 15:46
Limit: FCC Part 22&24&27&90	Margin: 0
Probe: CE_30-1G	Polarity: Horizontal
EUT: POS Terminal	Power: Battery Powered
Note: Mode 6:LTE band13 Traffic 782MHz	



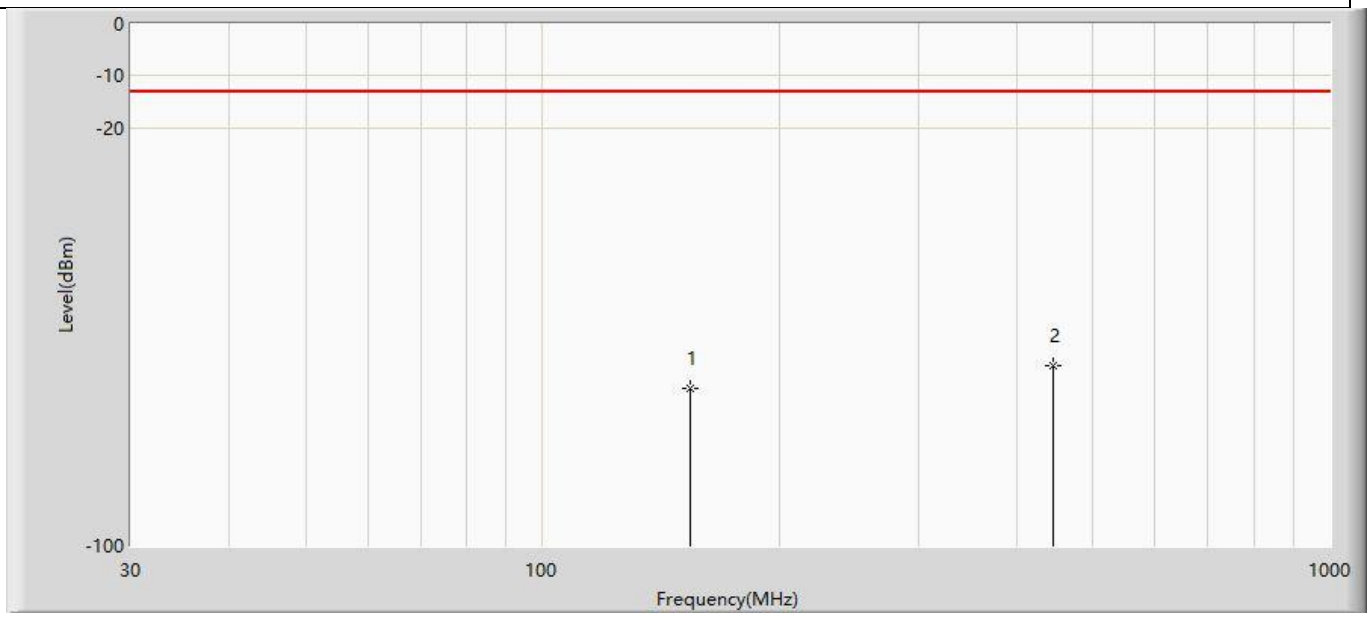
No	Mark	Frequency (MHz)	Measure Level (dBm)	Reading Level (dBm)	Over Limit (dB)	Limit (dBm)	Factor (dB)	Type
1		147.370	-69.875	-94.395	-56.875	-13.000	24.520	PK
2	*	436.430	-64.164	-92.914	-51.164	-13.000	28.750	PK

Profile: 24A0319R	Page No.: 96
Engineer: Yuliu	
Site: AC5	Time: 2024/10/22 - 15:46
Limit: FCC Part 22&24&27&90	Margin: 0
Probe: CE_30-1G	Polarity: Vertical
EUT: POS Terminal	Power: Battery Powered
Note: Mode 6:LTE band13 Traffic 782MHz	



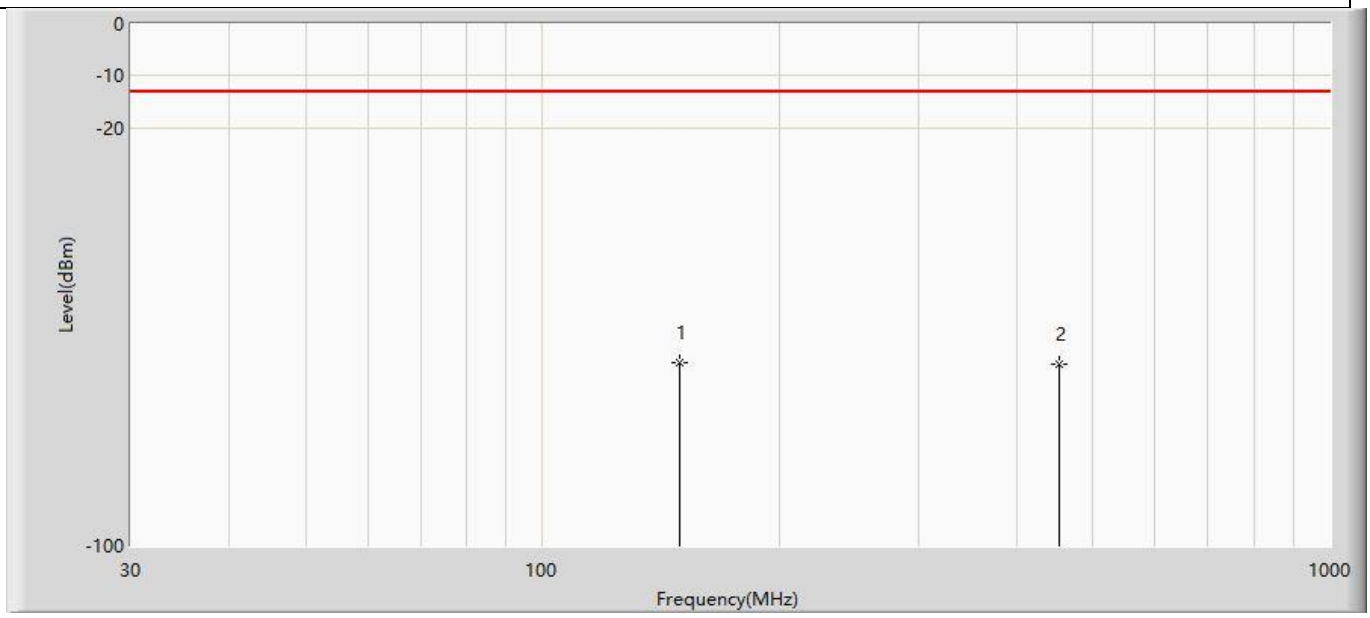
No	Mark	Frequency (MHz)	Measure Level (dBm)	Reading Level (dBm)	Over Limit (dB)	Limit (dBm)	Factor (dB)	Type
1	*	144.460	-64.430	-93.600	-51.430	-13.000	29.170	PK
2		465.530	-64.830	-93.620	-51.830	-13.000	28.790	PK

Profile: 24A0319R	Page No.: 97
Engineer: Yuliu	
Site: AC5	Time: 2024/10/22 - 15:46
Limit: FCC Part 22&24&27&90	Margin: 0
Probe: CE_30-1G	Polarity: Horizontal
EUT: POS Terminal	Power: Battery Powered
Note: Mode 7:LTE band14 Traffic 793MHz	



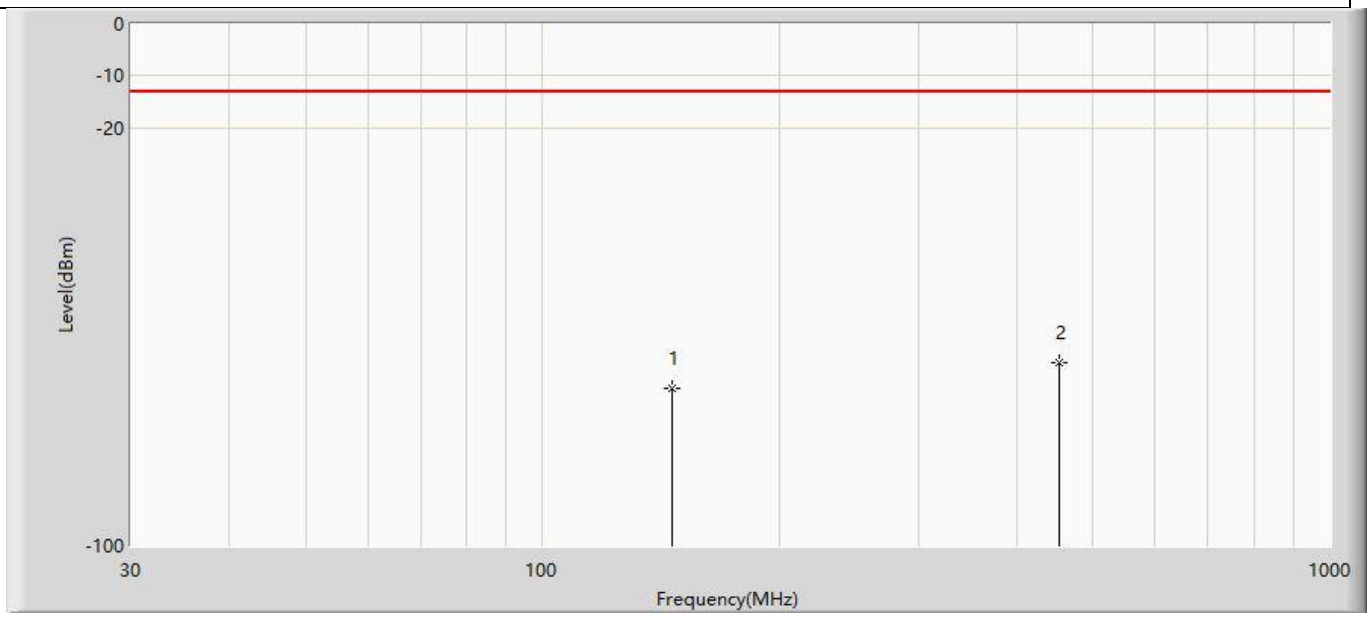
No	Mark	Frequency (MHz)	Measure Level (dBm)	Reading Level (dBm)	Over Limit (dB)	Limit (dBm)	Factor (dB)	Type
1		154.160	-69.741	-93.601	-56.741	-13.000	23.860	PK
2	*	445.160	-65.503	-94.243	-52.503	-13.000	28.740	PK

Profile: 24A0319R	Page No.: 98
Engineer: Yuliu	
Site: AC5	Time: 2024/10/22 - 15:47
Limit: FCC Part 22&24&27&90	Margin: 0
Probe: CE_30-1G	Polarity: Vertical
EUT: POS Terminal	Power: Battery Powered
Note: Mode 7:LTE band14 Traffic 793MHz	



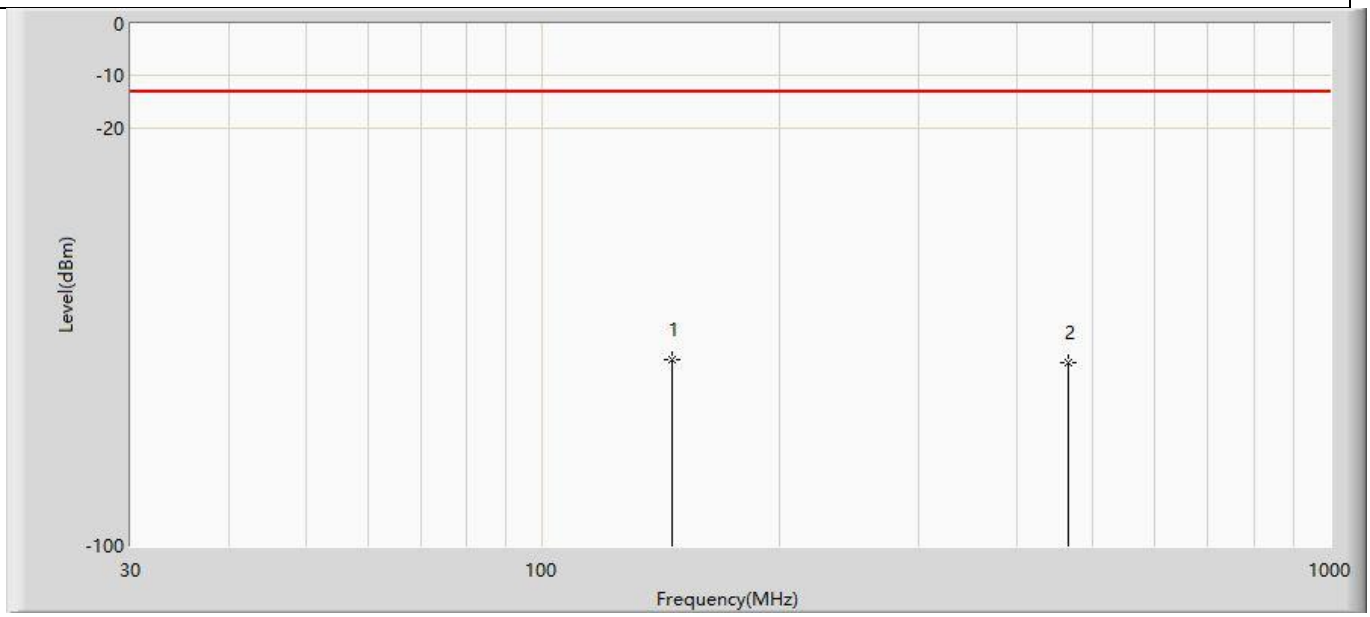
No	Mark	Frequency (MHz)	Measure Level (dBm)	Reading Level (dBm)	Over Limit (dB)	Limit (dBm)	Factor (dB)	Type
1	*	149.310	-65.043	-94.393	-52.043	-13.000	29.350	PK
2		453.890	-65.237	-93.967	-52.237	-13.000	28.730	PK

Profile: 24A0319R	Page No.: 99
Engineer: Yuliu	
Site: AC5	Time: 2024/10/22 - 15:47
Limit: FCC Part 22&24&27&90	Margin: 0
Probe: CE_30-1G	Polarity: Horizontal
EUT: POS Terminal	Power: Battery Powered
Note: Mode 8:LTE band17 Traffic 710MHz	



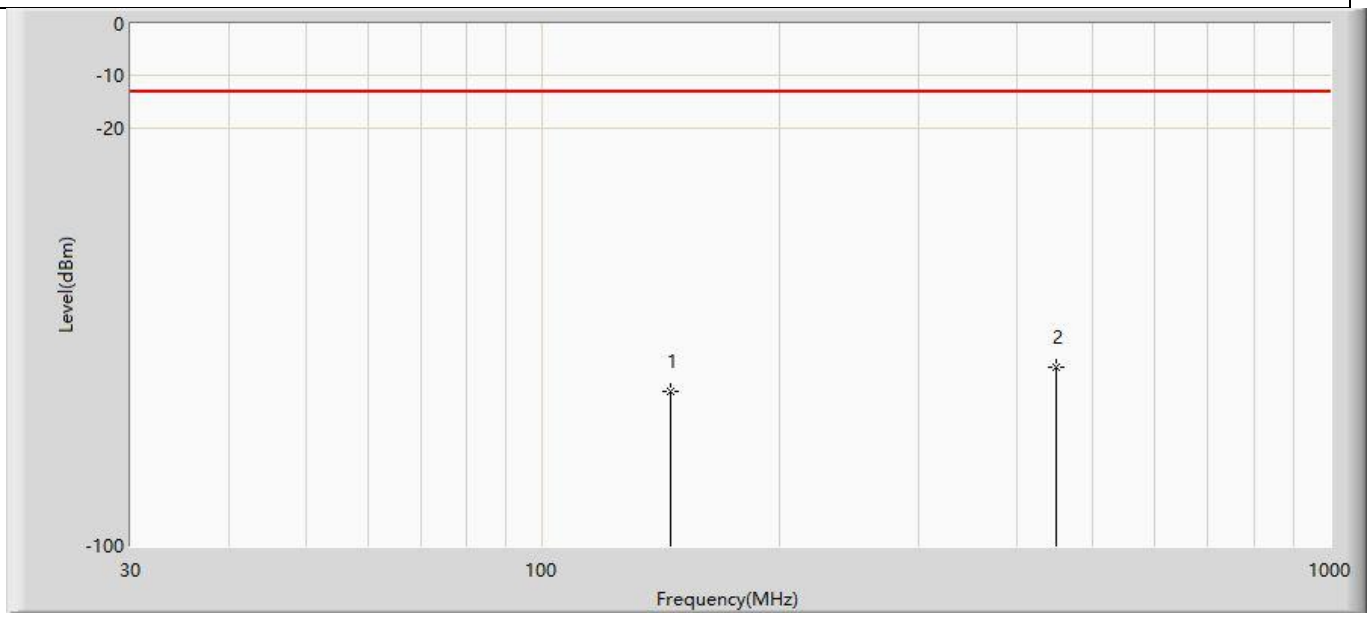
No	Mark	Frequency (MHz)	Measure Level (dBm)	Reading Level (dBm)	Over Limit (dB)	Limit (dBm)	Factor (dB)	Type
1		146.400	-69.956	-94.476	-56.956	-13.000	24.520	PK
2	*	452.920	-65.009	-93.699	-52.009	-13.000	28.690	PK

Profile: 24A0319R	Page No.: 100
Engineer: Yuliu	
Site: AC5	Time: 2024/10/22 - 15:47
Limit: FCC Part 22&24&27&90	Margin: 0
Probe: CE_30-1G	Polarity: Vertical
EUT: POS Terminal	Power: Battery Powered
Note: Mode 8:LTE band17 Traffic 710MHz	



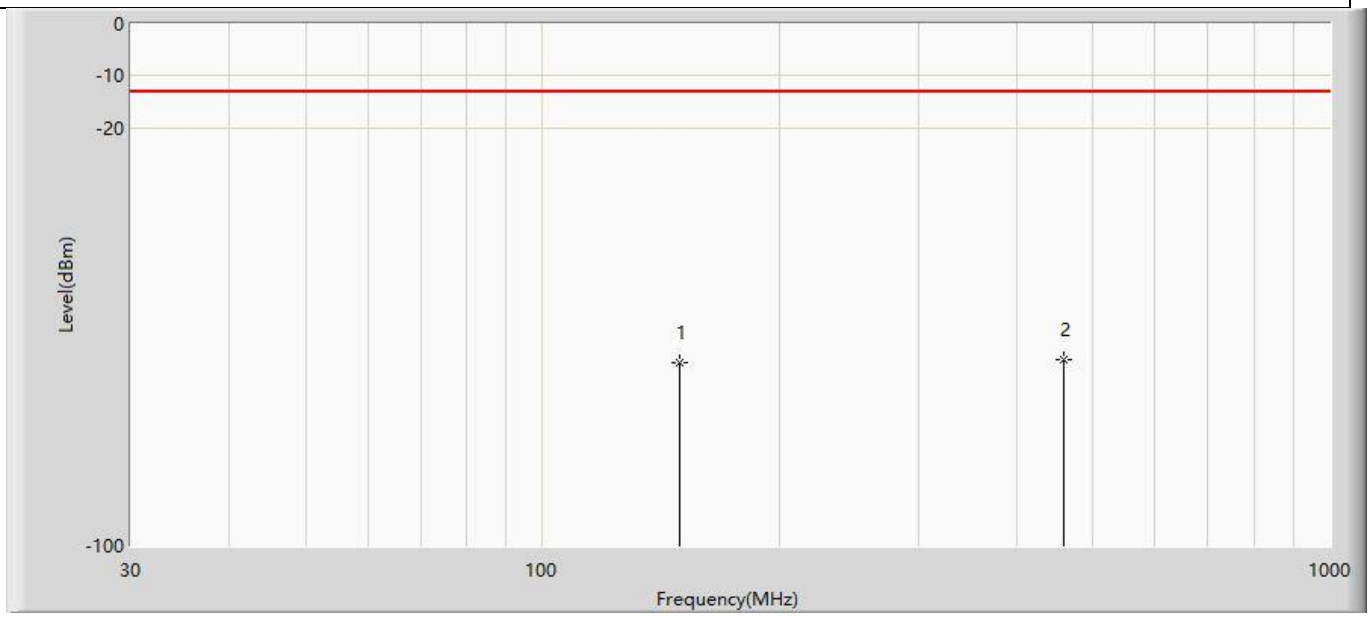
No	Mark	Frequency (MHz)	Measure Level (dBm)	Reading Level (dBm)	Over Limit (dB)	Limit (dBm)	Factor (dB)	Type
1	*	146.400	-64.450	-93.860	-51.450	-13.000	29.410	PK
2		464.560	-64.934	-93.744	-51.934	-13.000	28.810	PK

Profile: 24A0319R	Page No.: 101
Engineer: Yuliu	
Site: AC5	Time: 2024/10/22 - 15:47
Limit: FCC Part 22&24&27&90	Margin: 0
Probe: CE_30-1G	Polarity: Horizontal
EUT: POS Terminal	Power: Battery Powered
Note: Mode 9:LTE band25 Traffic 1882.5MHz	



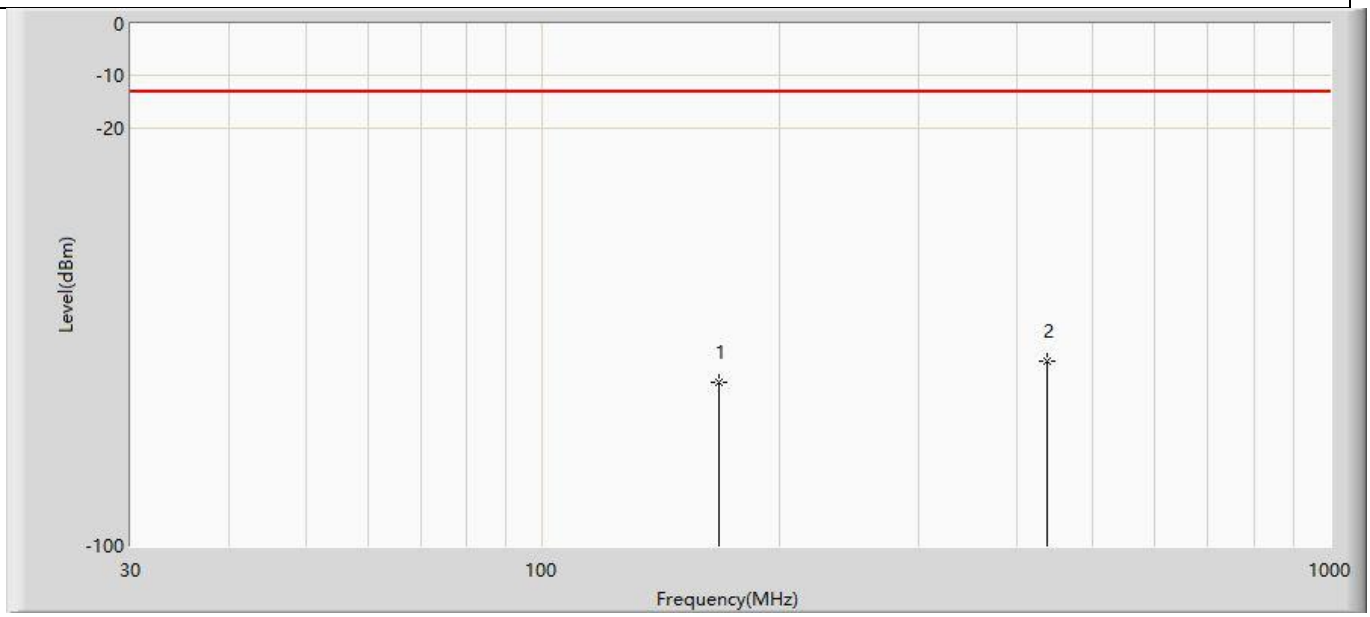
No	Mark	Frequency (MHz)	Measure Level (dBm)	Reading Level (dBm)	Over Limit (dB)	Limit (dBm)	Factor (dB)	Type
1		145.430	-70.485	-94.865	-57.485	-13.000	24.380	PK
2	*	450.010	-65.665	-94.355	-52.665	-13.000	28.690	PK

Profile: 24A0319R	Page No.: 102
Engineer: Yuliu	
Site: AC5	Time: 2024/10/22 - 15:47
Limit: FCC Part 22&24&27&90	Margin: 0
Probe: CE_30-1G	Polarity: Vertical
EUT: POS Terminal	Power: Battery Powered
Note: Mode 9:LTE band25 Traffic 1882.5MHz	



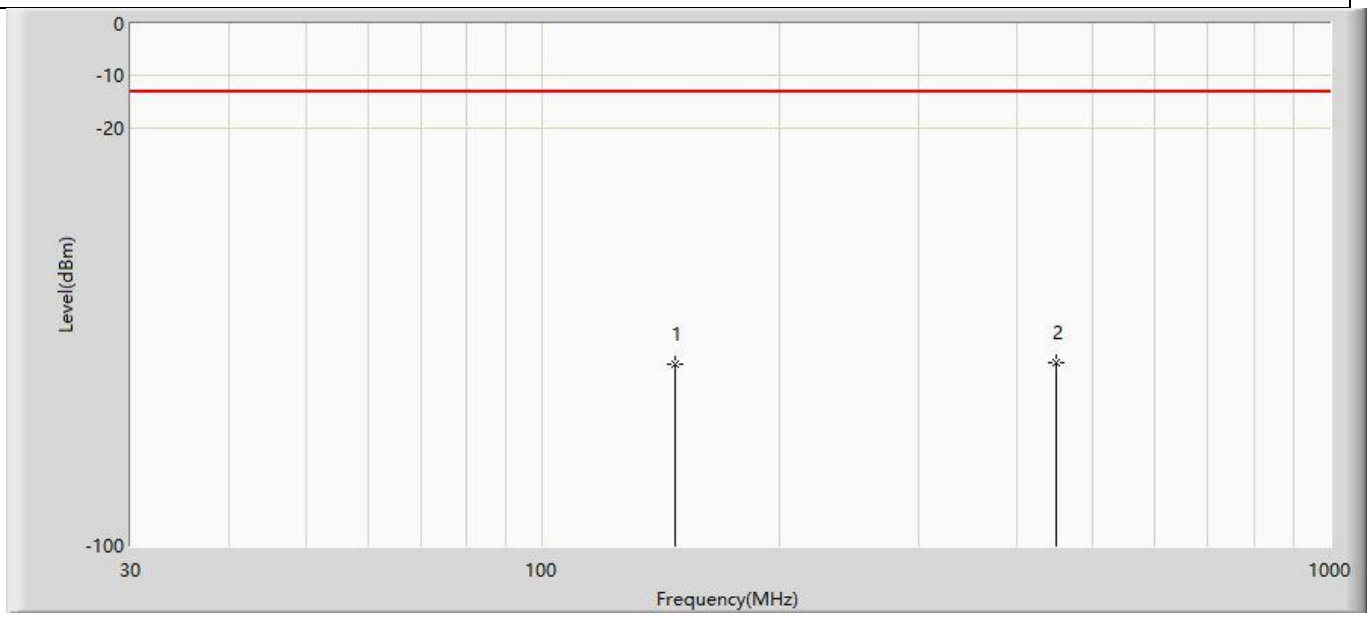
No	Mark	Frequency (MHz)	Measure Level (dBm)	Reading Level (dBm)	Over Limit (dB)	Limit (dBm)	Factor (dB)	Type
1		149.310	-64.906	-94.256	-51.906	-13.000	29.350	PK
2	*	458.740	-64.363	-93.013	-51.363	-13.000	28.650	PK

Profile: 24A0319R	Page No.: 103
Engineer: Yuliu	
Site: AC5	Time: 2024/10/22 - 15:47
Limit: FCC Part 22&24&27&90	Margin: 0
Probe: CE_30-1G	Polarity: Horizontal
EUT: POS Terminal	Power: Battery Powered
Note: Mode 10:LTE band26 Traffic 831.5MHz	



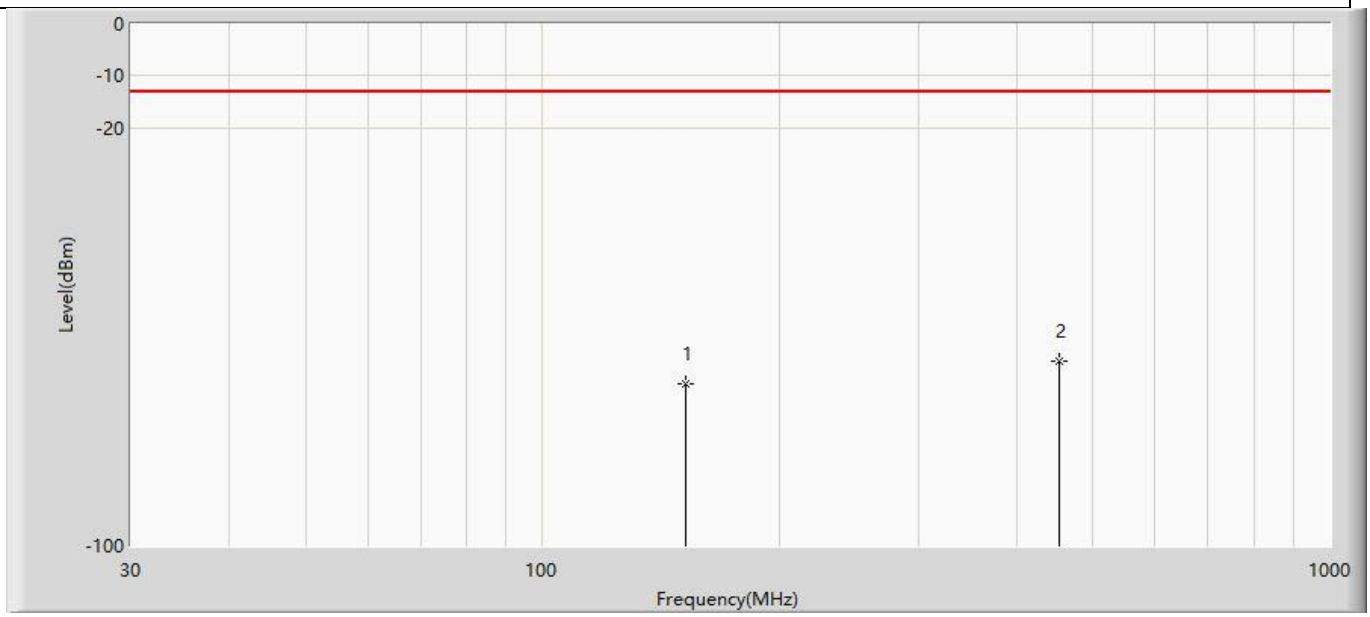
No	Mark	Frequency (MHz)	Measure Level (dBm)	Reading Level (dBm)	Over Limit (dB)	Limit (dBm)	Factor (dB)	Type
1		167.740	-68.748	-92.758	-55.748	-13.000	24.010	PK
2	*	438.370	-64.740	-93.520	-51.740	-13.000	28.780	PK

Profile: 24A0319R	Page No.: 104
Engineer: Yuliu	
Site: AC5	Time: 2024/10/22 - 15:47
Limit: FCC Part 22&24&27&90	Margin: 0
Probe: CE_30-1G	Polarity: Vertical
EUT: POS Terminal	Power: Battery Powered
Note: Mode 10:LTE band26 Traffic 831.5MHz	



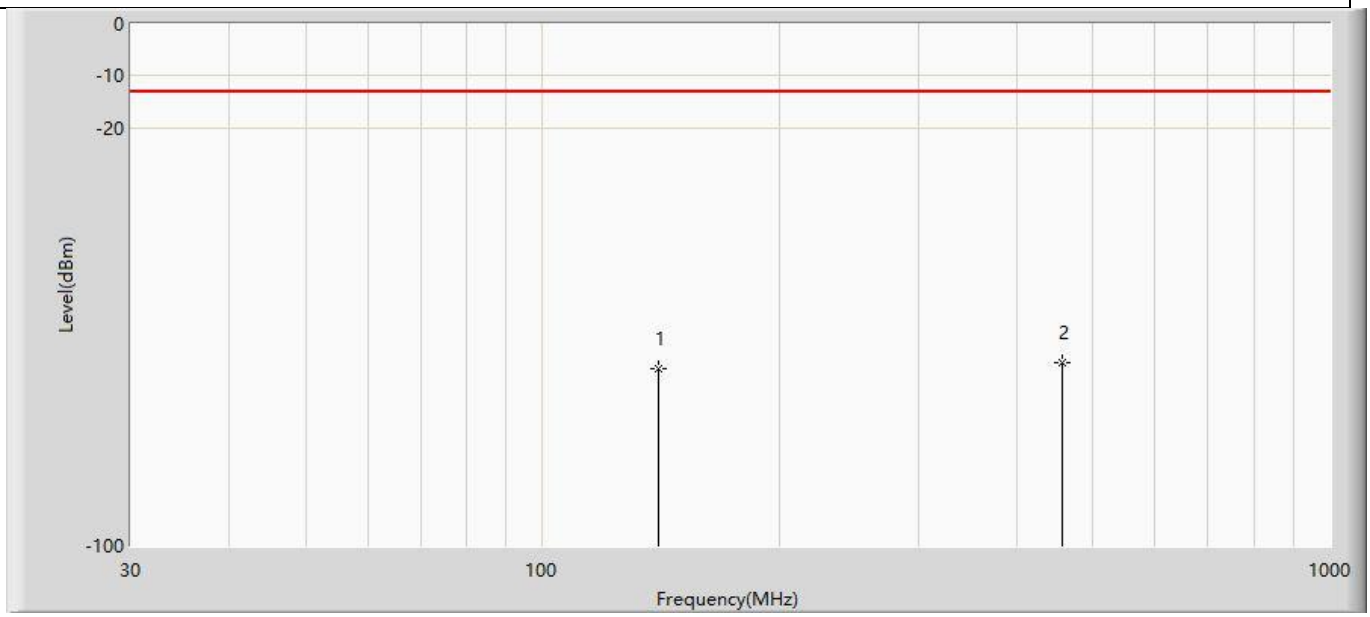
No	Mark	Frequency (MHz)	Measure Level (dBm)	Reading Level (dBm)	Over Limit (dB)	Limit (dBm)	Factor (dB)	Type
1		147.370	-65.292	-94.752	-52.292	-13.000	29.460	PK
2	*	449.040	-64.838	-93.538	-51.838	-13.000	28.700	PK

Profile: 24A0319R	Page No.: 105
Engineer: Yuliu	
Site: AC5	Time: 2024/10/22 - 15:47
Limit: FCC Part 22&24&27&90	Margin: 0
Probe: CE_30-1G	Polarity: Horizontal
EUT: POS Terminal	Power: Battery Powered
Note: Mode 11:LTE band38 Traffic 2595MHz	



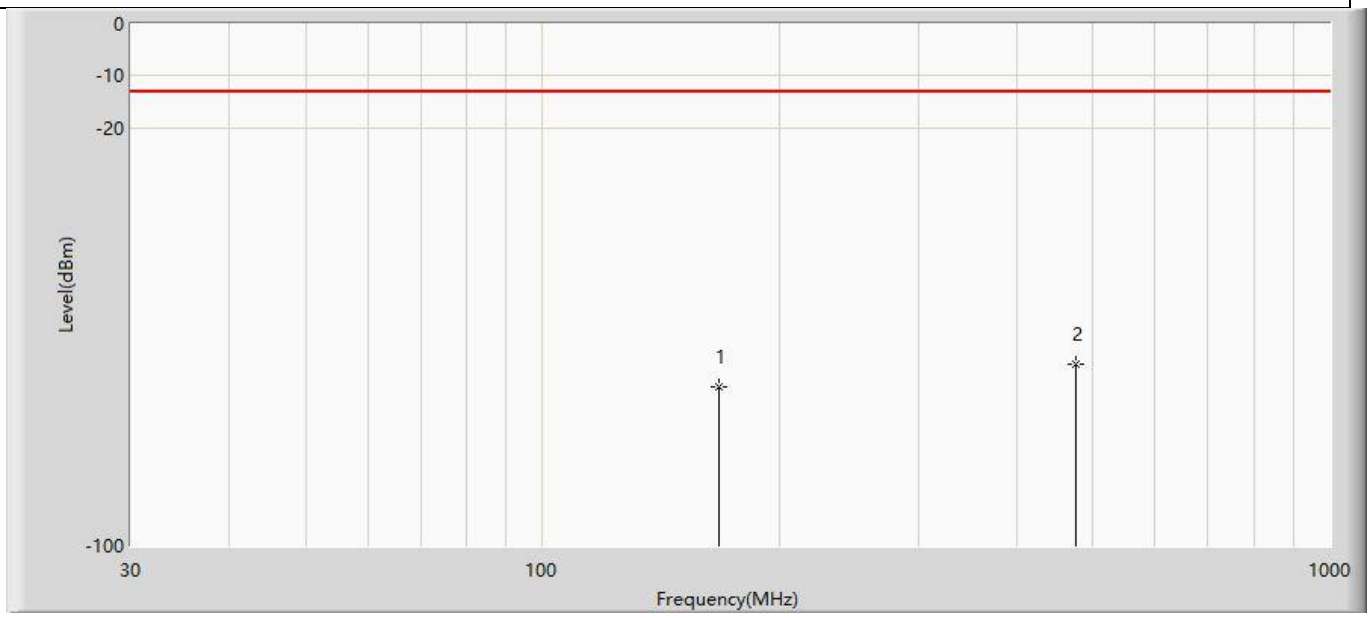
No	Mark	Frequency (MHz)	Measure Level (dBm)	Reading Level (dBm)	Over Limit (dB)	Limit (dBm)	Factor (dB)	Type
1		152.220	-69.033	-93.093	-56.033	-13.000	24.060	PK
2	*	453.890	-64.539	-93.189	-51.539	-13.000	28.650	PK

Profile: 24A0319R	Page No.: 106
Engineer: Yuliu	
Site: AC5	Time: 2024/10/22 - 15:47
Limit: FCC Part 22&24&27&90	Margin: 0
Probe: CE_30-1G	Polarity: Vertical
EUT: POS Terminal	Power: Battery Powered
Note: Mode 11:LTE band38 Traffic 2595MHz	



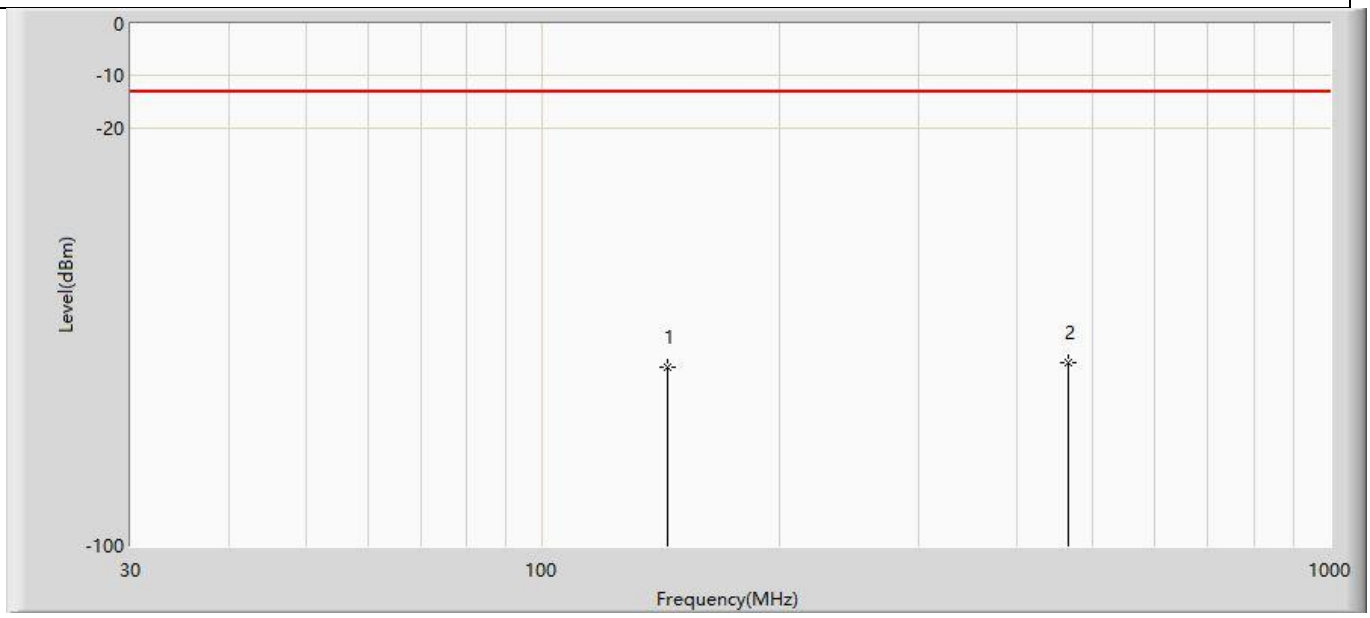
No	Mark	Frequency (MHz)	Measure Level (dBm)	Reading Level (dBm)	Over Limit (dB)	Limit (dBm)	Factor (dB)	Type
1		140.580	-66.168	-95.708	-53.168	-13.000	29.540	PK
2	*	456.800	-65.027	-93.687	-52.027	-13.000	28.660	PK

Profile: 24A0319R	Page No.: 107
Engineer: Yuliu	
Site: AC5	Time: 2024/10/22 - 15:47
Limit: FCC Part 22&24&27&90	Margin: 0
Probe: CE_30-1G	Polarity: Horizontal
EUT: POS Terminal	Power: Battery Powered
Note: Mode 12:LTE band41 Traffic 2593MHz	



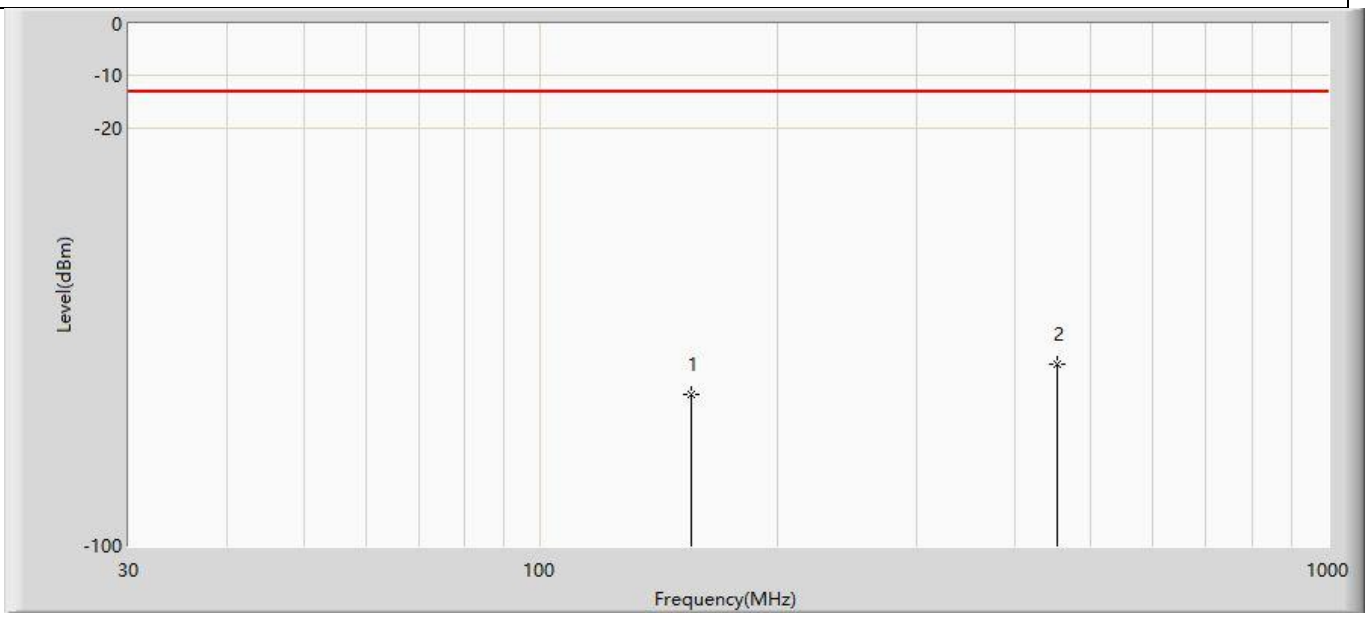
No	Mark	Frequency (MHz)	Measure Level (dBm)	Reading Level (dBm)	Over Limit (dB)	Limit (dBm)	Factor (dB)	Type
1		167.740	-69.677	-93.687	-56.677	-13.000	24.010	PK
2	*	475.230	-65.237	-93.847	-52.237	-13.000	28.610	PK

Profile: 24A0319R	Page No.: 108
Engineer: Yuliu	
Site: AC5	Time: 2024/10/22 - 15:48
Limit: FCC Part 22&24&27&90	Margin: 0
Probe: CE_30-1G	Polarity: Vertical
EUT: POS Terminal	Power: Battery Powered
Note: Mode 12:LTE band41 Traffic 2593MHz	



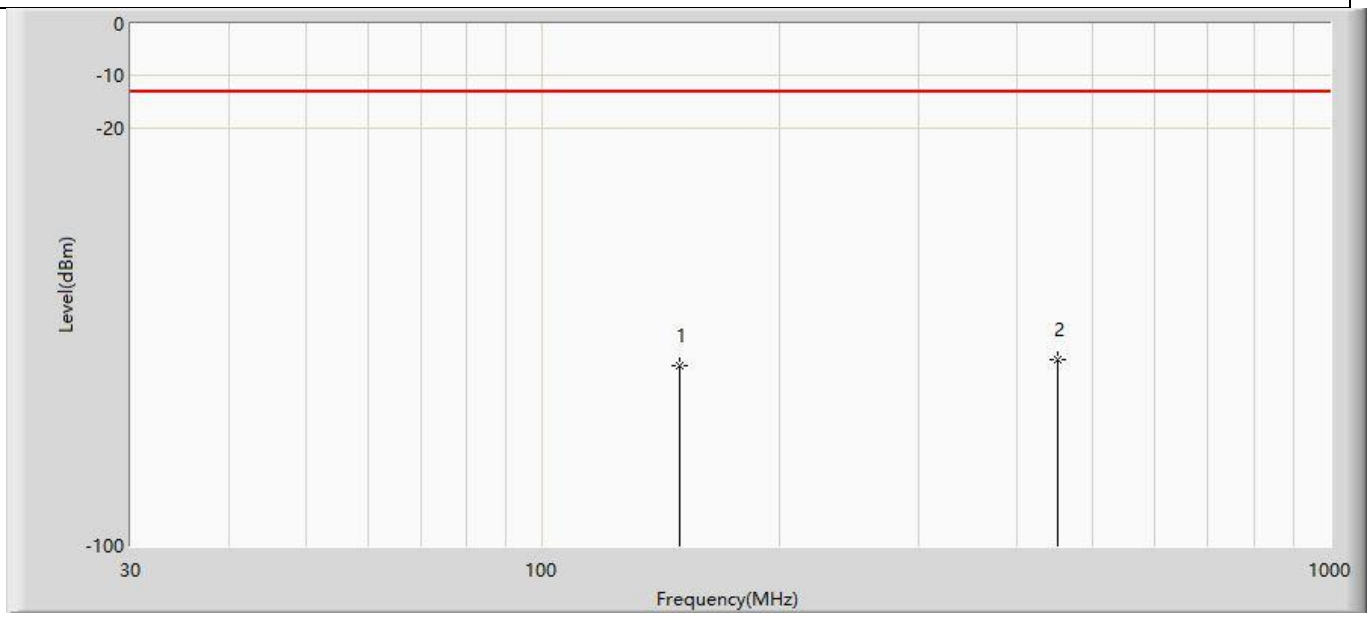
No	Mark	Frequency (MHz)	Measure Level (dBm)	Reading Level (dBm)	Over Limit (dB)	Limit (dBm)	Factor (dB)	Type
1		144.460	-65.942	-95.112	-52.942	-13.000	29.170	PK
2	*	464.560	-65.034	-93.844	-52.034	-13.000	28.810	PK

Profile: 24A0319R	Page No.: 109
Engineer: Yuliu	
Site: AC5	Time: 2024/10/22 - 15:48
Limit: FCC Part 22&24&27&90	Margin: 0
Probe: CE_30-1G	Polarity: Horizontal
EUT: POS Terminal	Power: Battery Powered
Note: Mode 13:LTE band66 Traffic 1745MHz	



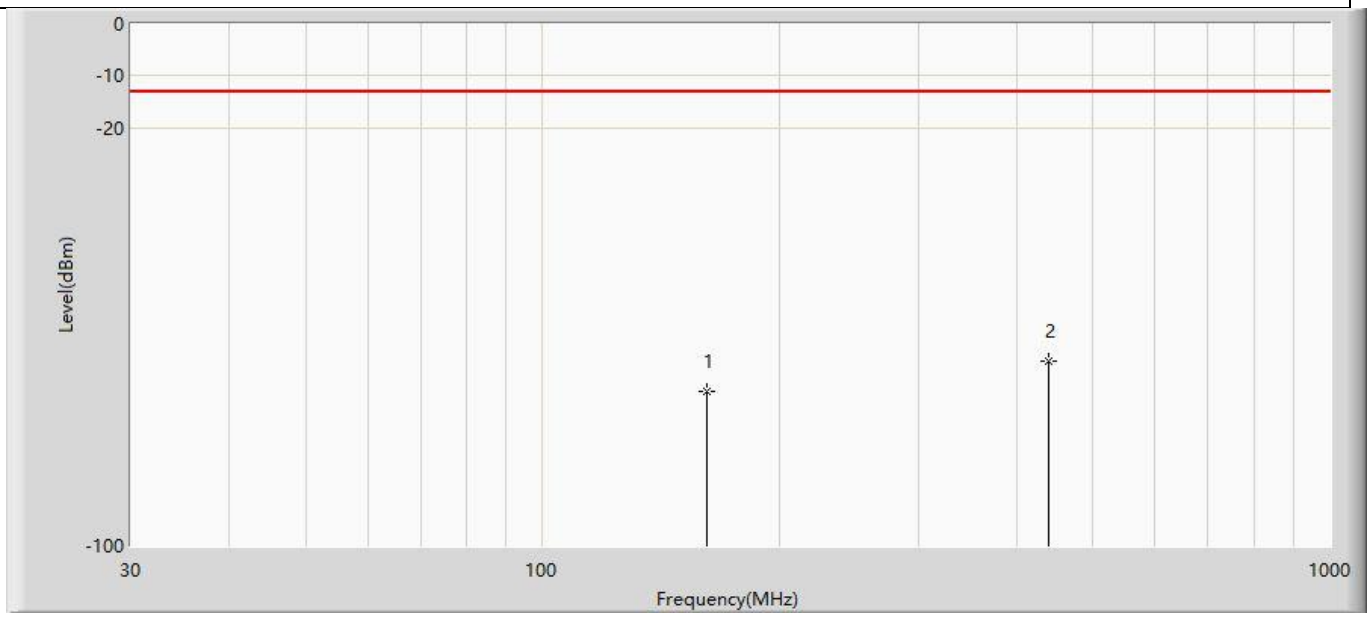
No	Mark	Frequency (MHz)	Measure Level (dBm)	Reading Level (dBm)	Over Limit (dB)	Limit (dBm)	Factor (dB)	Type
1		155.130	-71.097	-94.867	-58.097	-13.000	23.770	PK
2	*	452.920	-65.303	-93.993	-52.303	-13.000	28.690	PK

Profile: 24A0319R	Page No.: 110
Engineer: Yuliu	
Site: AC5	Time: 2024/10/22 - 15:48
Limit: FCC Part 22&24&27&90	Margin: 0
Probe: CE_30-1G	Polarity: Vertical
EUT: POS Terminal	Power: Battery Powered
Note: Mode 13:LTE band66 Traffic 1745MHz	



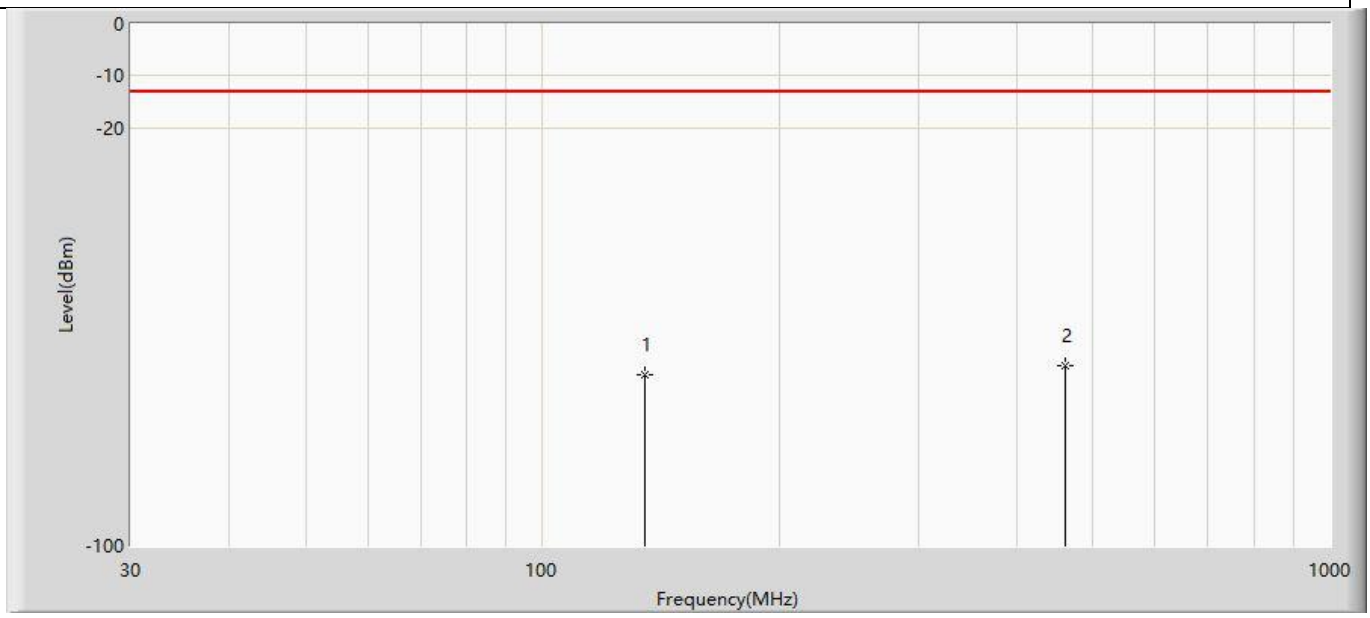
No	Mark	Frequency (MHz)	Measure Level (dBm)	Reading Level (dBm)	Over Limit (dB)	Limit (dBm)	Factor (dB)	Type
1		149.310	-65.439	-94.789	-52.439	-13.000	29.350	PK
2	*	450.980	-64.272	-93.022	-51.272	-13.000	28.750	PK

Profile: 24A0319R	Page No.: 111
Engineer: Yuliu	
Site: AC5	Time: 2024/10/22 - 15:48
Limit: FCC Part 22&24&27&90	Margin: 0
Probe: CE_30-1G	Polarity: Horizontal
EUT: POS Terminal	Power: Battery Powered
Note: Mode 14:LTE band71 Traffic 680.5MHz	



No	Mark	Frequency (MHz)	Measure Level (dBm)	Reading Level (dBm)	Over Limit (dB)	Limit (dBm)	Factor (dB)	Type
1		161.920	-70.572	-94.492	-57.572	-13.000	23.920	PK
2	*	439.340	-64.716	-93.496	-51.716	-13.000	28.780	PK

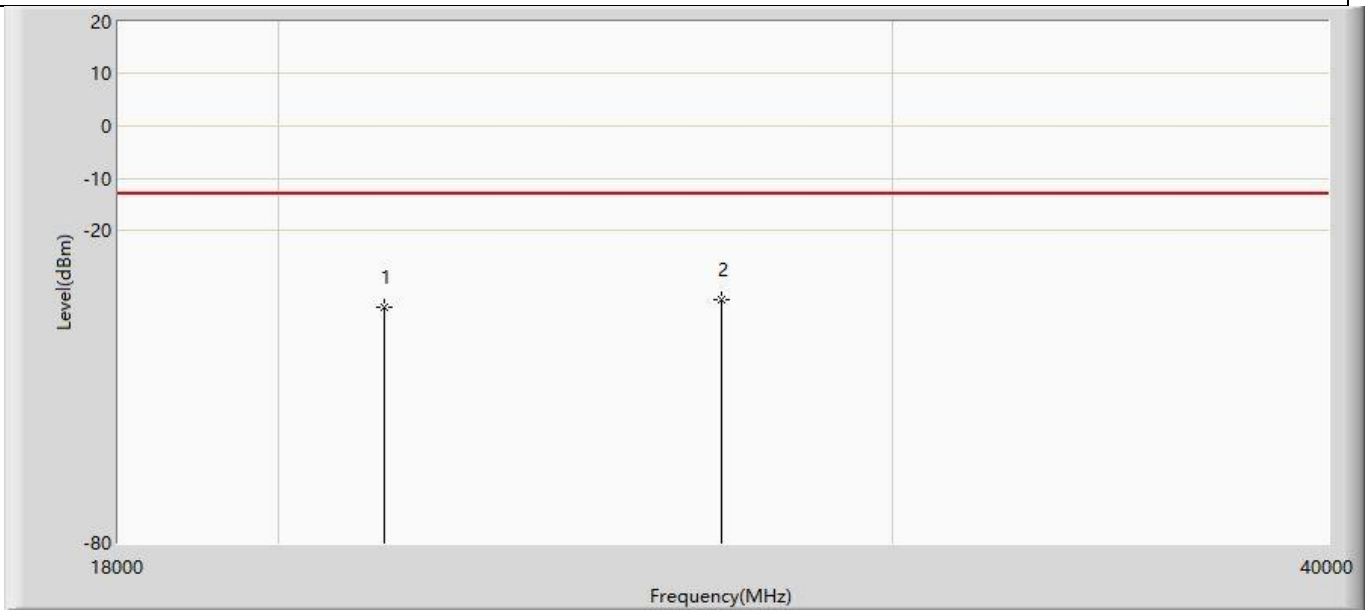
Profile: 24A0319R	Page No.: 112
Engineer: Yuliu	
Site: AC5	Time: 2024/10/22 - 15:48
Limit: FCC Part 22&24&27&90	Margin: 0
Probe: CE_30-1G	Polarity: Vertical
EUT: POS Terminal	Power: Battery Powered
Note: Mode 14:LTE band71 Traffic 680.5MHz	



No	Mark	Frequency (MHz)	Measure Level (dBm)	Reading Level (dBm)	Over Limit (dB)	Limit (dBm)	Factor (dB)	Type
1		134.760	-67.155	-96.665	-54.155	-13.000	29.510	PK
2	*	460.680	-65.476	-94.276	-52.476	-13.000	28.800	PK

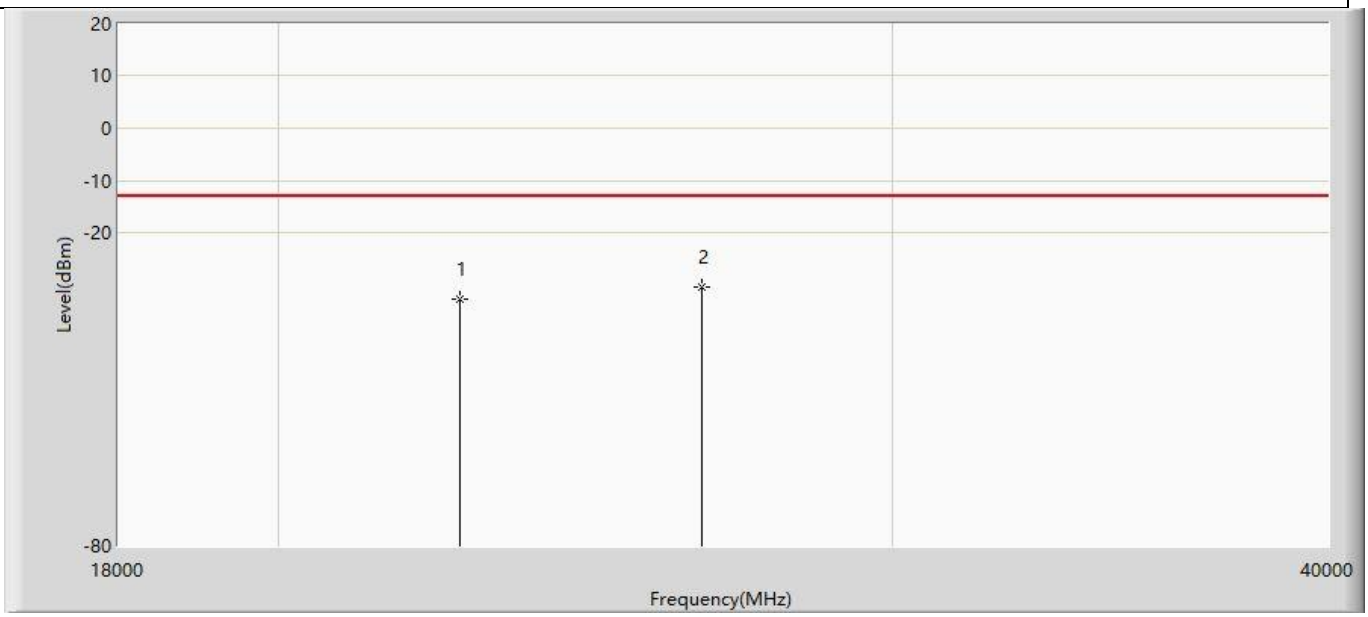
The worst case of Radiated Emission above 18GHz：

Profile: 24A0319R	Page No.: 73
Engineer: Yuliu	
Site: AC5	Time: 2024/10/28 - 23:55
Limit: FCC Part 22&24&27_(18G-40G)	Margin: 0
Probe: FCC_1-18G_AMP	Polarity: Horizontal
EUT: POS Terminal	Power: Battery Powered
Note: Mode 1:LTE band2 Traffic 1880MHz	



No	Mark	Frequency (MHz)	Measure Level (dBm)	Reading Level (dBm)	Over Limit (dB)	Limit (dBm)	Factor (dB)	Type
1		21454.000	-34.924	-48.894	-21.924	-13.000	13.970	PK
2	*	26800.000	-33.286	-47.256	-20.286	-13.000	13.970	PK

Profile: 24A0319R	Page No.: 74
Engineer: Yuliu	
Site: AC5	Time: 2024/10/28 - 23:55
Limit: FCC Part 22&24&27_(18G-40G)	Margin: 0
Probe: FCC_1-18G_AMP	Polarity: Vertical
EUT: POS Terminal	Power: Battery Powered
Note: Mode 1:LTE band2 Traffic 1880MHz	



No	Mark	Frequency (MHz)	Measure Level (dBm)	Reading Level (dBm)	Over Limit (dB)	Limit (dBm)	Factor (dB)	Type
1		22554.000	-32.643	-48.643	-19.643	-13.000	16.000	PK
2	*	26470.000	-30.375	-46.375	-17.375	-13.000	16.000	PK

Notes:

1. " * ", means this data is the worst emission level.
2. Measurement Level = Reading Level + Factor(Probe+Cable-Amp)
3. The test frequency range, 9kHz~30MHz, worst case are at least 20dB below the limits, therefore no data appear in the report.
4. If the test result on peak is lower than average limit, then average measurement needn't be performed.

The End