TEST REPORT

Applicant	**:**	Keeson Technology Corporation Limited
Address of Applicant	**:**	No. 195, Yuanfeng East Road,Wangjiangjing, Xiuzhou District,Jiaxing City,314000,China
Product Name	**:**	Control box
Brand Name	**:**	N/A
Model No.	**:**	MC232SC
Sample Source	**:**	Sent by Client
Sample No.	**:**	E22090051-01#05 E22090051-01#06
FCC ID	**:**	2AK23MC232SC
ISED Number	**:**	22406-MC232SC
Standards	**:**	FCC CFR47 Part 15, Subpart C RSS-Gen (Issue 5, Amd.2-Feb 2021) RSS-247 (Issue 2, February 2017)
Date of Receipt	**:**	2022-09-22
Date of Test	**:**	2022-09-22 ~ 2022-09-23
Date of Issue	**:**	2022-09-23

Remark:

This report details the results of the testing carried out on one sample, the results contained in this report do not relate to other samples of the same product. The manufacturer should ensure that all products in series production are in conformity with the product sample detailed in this report.

Prepared by: Erik. Yang (Erik Yang) Reviewed by: Jennifer Zhou (Jennifer Zhou) Approved by: Guoyou Chi (Authorized signatory: Guoyou Chi)

Contents

1 General Information

1.1 Testing Laboratory

ISED CAB identifier #	CN0081
Company Name	ICAS Testing Technology Service (Shanghai) Co., Ltd.
Address	No.1298 Pingan Rd, Minhang District, Shanghai, China
Telephone	0086 21-51682999
Fax	0086 21-54711112
Homepage	www.icasiso.com

1.2 Details of Application

Applicant Company Name	Keeson Technology Corporation Limited
Address	No. 195, Yuanfeng East Road,Wangjiangjing, Xiuzhou District,Jiaxing City,314000,China
Contact Person	Sam xu
Telephone	18279170755
Email	xuwb@keeson.com
Manufacturer Company Name	DewertOkin Technology Group Co., Ltd.
Address	No.465, Xinnanyang Road, Wangjiangjing Development Zone, Xiuzhou District, Jiaxing City, Zhejiang Province, China.
Factory Company Name	DewertOkin Technology Group Co., Ltd.
Address	No.465, Xinnanyang Road, Wangjiangjing Development Zone, Xiuzhou District, Jiaxing City, Zhejiang Province, China.

1.3 Details of EUT

Product Name	Control box
Brand Name	N/A
Test Model No.	MC232SC
FCC ID	2AK23MC232SC
ISED Number	22406-MC232SC
Serial Number	6800282815K228080127
Mode of Operation	Bluetooth BLE Version 5.0
Frequency Range	2402MHz ~ 2480MHz
Number of Channels	40 (at intervals of 2 MHz)
Modulation Type	GFSK
Antenna Type	PCB Antenna
Antenna Gain	1.225dBi
Extreme Temperature Range	-10℃~ +40℃
Test Voltage	DC 29V supply by power adapter

Hardware version	R5.129.00.162-G
Software version	V1.1
Test SW Version	BL410_R; BL410_E
RF power setting in TEST SW	nRF_DTM Tool Version 0.9.1_Power setting_Default(0dBm)

Note:

1. *The above information was declared by the manufacture.*
2. *For more details, please refer to the User's manual of the EUT.*

Channel List

Channel	Frequency	Channel	Frequency	Channel	Frequency
0	2.402GHz	14	2.430GHz	28	2.458GHz
1	2.404GHz	15	2.432GHz	29	2.460GHz
2	2.406GHz	16	2.434GHz	30	2.462GHz
3	2.408GHz	17	2.436GHz	31	2.464GHz
4	2.410GHz	18	2.438GHz	32	2.466GHz
5	2.412GHz	19	2.440GHz	33	2.468GHz
6	2.414GHz	20	2.442GHz	34	2.470GHz
7	2.416GHz	21	2.444GHz	35	2.472GHz
8	2.418GHz	22	2.446GHz	36	2.474GHz
9	2.420GHz	23	2.448GHz	37	2.476GHz
10	2.422GHz	24	2.450GHz	38	2.478GHz
11	2.424GHz	25	2.452GHz	39	2.480GHz
12	2.426GHz	26	2.454GHz		
13	2.428GHz	27	2.456GHz		

1.4 Test Methodology

47 CFR Part 15, Subpart C	Telecommunication-Radio Frequency Devices-Intentional Radiators
KDB Publication 558074 D01 v05r02	15.247 Meas Guidance.
RSS-Gen (Issue 5, Amd.2-Feb 2021)	General Requirements for Compliance of Radio Apparatus
RSS-247 (Issue 2, February 2017)	Digital Transmission Systems (DTSs), Frequency Hopping Systems (FHSs) and Licence-Exempt Local Area Network (LE-LAN) Devices
ANSI C63.10-2013	American National Standard for Testing Unlicensed Wireless Devices

Note(s):

All test items were verified and recorded according to the standards and without any addition/deviation/exclusion during the test.

1.5 Test Summary

Test Item	FCC Rules	ISED Rules	Result
Antenna Requirement	FCC Part 15.247(b)(4), Part 15.203	RSS-247 5.4(f) RSS-GEN 6.8	PASS
Maximum peak conducted output power and E.I.R.P	FCC Part 15.247(b)(3)	RSS-247 5.4(d)	PASS
6dB Bandwidth and 99% Bandwidth	FCC Part 15.247(a)(2)	RSS-247 5.2(a) RSS-Gen 6.7	PASS
Maximum conducted output power spectral density	FCC Part 15.247(e)	RSS-247 5.2(b)	PASS
Conducted Spurious Emission & Authorized-band band-edge	FCC Part 15.247(d)	RSS-247 5.5	PASS
Radiated Emission	FCC Part 15.247(d), 15.205, 15.209	RSS-GEN 8.9	PASS
Band Edge (Restricted-band band-edge)	FCC Part 15.247(d), 15.205, 15.209	RSS-GEN 8.10	PASS
Conducted Emission on AC Mains	FCC Part 15.207(a)	RSS-Gen 8.8	PASS

2 Test Condition

2.1 Environmental conditions

Temperature (°C)	18-25
Humidity (%RH)	40-65
Barometric Pressure (mbar)	960-1060

2.2 Equipment List

Name of Equipment	Manufacturer	Model	Serial No.	Cal. Date	Cal. Due
Spectrum Analyzer	Keysight	N9020B	MY59260184	2022-08-02	2023-08-01
Spectrum Analyzer	Rohde & Schwarz	FSV40N	101450	2022-06-10	2023-06-09
Signal Generator	Rohde & Schwarz	SMR27	100184	2022-08-02	2023-08-01
EMI Test Receiver	Rohde & Schwarz	ESR 7	101911	2022-06-10	2023-06-09
EMI Test Receiver	Rohde & Schwarz	ESPI3	100173	2022-06-10	2023-06-09
V-network	SCHWARZBECK	NSLK8127	8127-902	2022-06-10	2023-06-09
Broadband Antenna	SCHWARZBECK	VULB9163	9163-1037	2021-06-08	2023-06-07
Horn Antenna	SCHWARZBECK	BBHA9120D	9120D-1775	2021-06-08	2023-06-07
Loop Antenna	SCHWARZBECK	FMZB 1513	/	2022-06-10	2023-06-09
Broadband Preamplifier	SCHWARZBECK	BBV 9718	346	2022-06-10	2023-06-09
EMC chamber 9*6*6（L*W*H)	CHANGNING	966	N/A	2022-06-10	2023-06-09
Shielded Enclosure 8*5*4（L*W*H)	CHANGNING	854	N/A	2022-06-10	2023-06-09
Test Software	BL	BL410_E	N/A	N/A	N/A
Test Software	BL	BL410_R	N/A	N/A	N/A

2.3 Measurement Uncertainty

The uncertainty is calculated using the methods suggested in the “Guide to the Expression of Uncertainty in measurement” (GUM) published by CISPR and ANSI. The reported uncertainty of measurement y ±U, where expended uncertainty U is based on a standard uncertainty multiplied by a coverage factor of k=2, providing a level of confidence of approximately 95.45%.

Parameter		Uncertainty
Antenna Port Conducted Emission	< 1GHz	± 1.5 dB
	> 1GHz	± 1.5 dB
Radiated Emission	9KHz – 30MHz	± 3.42 dB
	30 MHz – 1GHz	± 5.00 dB
	> 1GHz	± 4.88 dB
Conducted Emission on AC Mains	150kHz-30MHz	± 2.68 dB
Occupied Channel Bandwidth		±5 %

3 Test Set-up and Operation Modes

3.1 Details of Test Mode

Using test software(nRF_DTM Tool) was control EUT work in continuous transmitter and receiver mode. Select test channel as below:

Channel	Frequency
The lowest channel(CH0)	2402MHz
The middle channel(CH19)	2440MHz
The Highest channel(CH39)	2480MHz

The basic operation modes are:

A. On
   1. BLE mode
      a. Transmitting
         i. Low Channel
         ii. Middle Channel
         iii. High Channel
      b. Receiving
   2. Normal working with Bluetooth on

B. Standby

C. Off

3.2 Special Accessories and Auxiliary Equipment

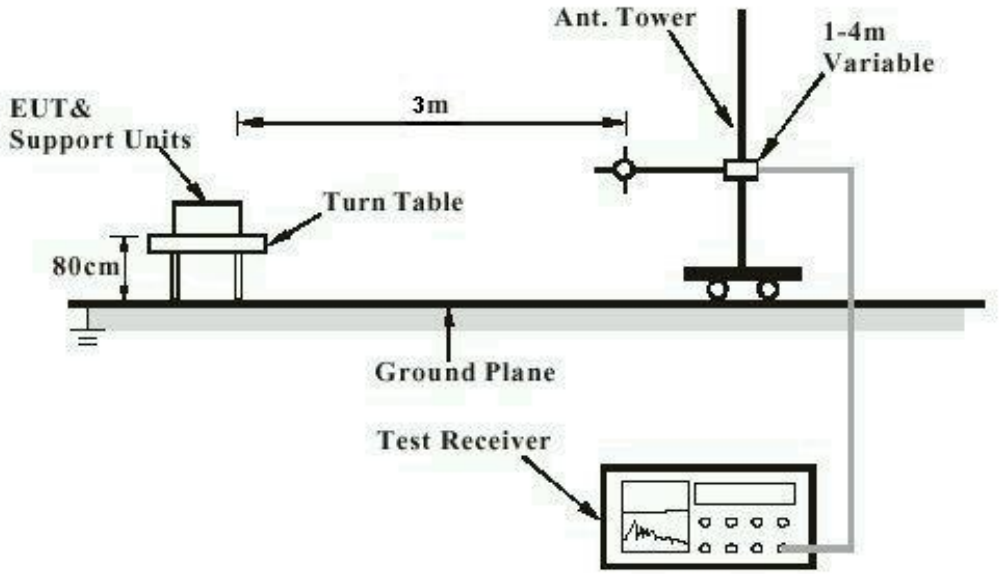
Description	Manufacturer	Model No.	Serial No.
Laptop	HP	HP ZHAN 66 Pro G1	N/A
USB Cable	N/A	1.00m Unshielded	N/A
Head Motor	N/A	N/A	68003077
Foot Motor	N/A	N/A	68003077
Lumbar Motor	N/A	N/A	68003077
Massage Motor	N/A	N/A	68003077
Massage Motor Splitter Cable	N/A	N/A	68003411
Remote	N/A	N/A	68003083
Battery Backup	N/A	N/A	68001353
Underbed Lighting	N/A	N/A	68003362
Fullpower Processor	N/A	N/A	68003341
Fullpower Sensor	N/A	N/A	68003342-343
Speaker Communication Line	N/A	N/A	68003461
LED Signage	N/A	N/A	68003241

3.3 Support Software

Description	Manufacturer	Software Name
Software	N/A	nRF_DTM Tool Version 0.9.1

3.4 Test Setup Diagram

Diagram of Measurement Configuration for Radiation Test



Note: Measurements above 1GHz are done with a table height of 1.5m. In addition, there is RF absorbing material on the floor of the test site for above 1GHz measurement.

Diagram of Measurement Configuration for Conduction Test

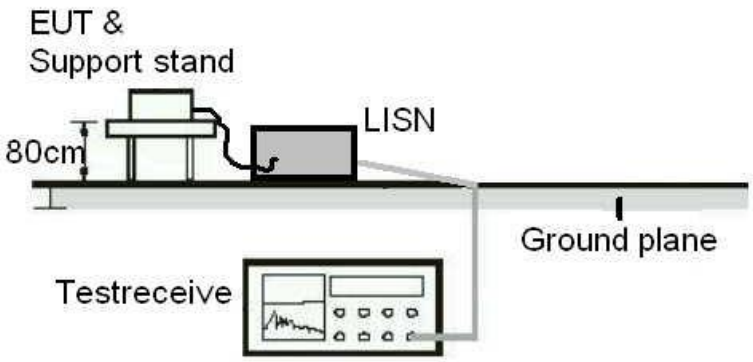
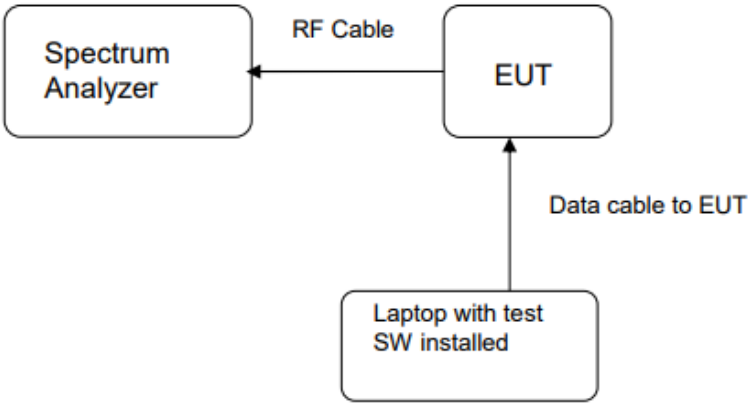


Diagram of Measurement Configuration for Transmitter Test



4 Test Results

4.1 Transmitter Requirement & Test Suites

4.1.1 Antenna Requirement

RESULT: **PASS**

Test standard	:	FCC Part 15.247(b)(4), Part 15.203 RSS-247 5.4(f), RSS-GEN 6.8
Requirement	:	The use of approved antennas only with directional gains that do not exceed 6dBi

According to the manufacturer declaration, the EUT has an antenna with a directional gain of 1.225dBi. The antenna is PCB antenna with no possibility of replacement with a non-approved antenna by the end-user.

Therefore, the EUT is considered to comply with this provision.

4.1.2 Maximum peak conducted output power and E.I.R.P

RESULT: **PASS**

Test standard : FCC Part 15.247(b)(3), RSS-247 5.4(d)
Requirement : ANSI C63.10-2013 clause 11.9.1.1,
KDB 558074 clause 8.3.1.1
Kind of test site : Shielded room

Test setup

Test Channel : Low/Middle/High
Operation Mode : A.1.a
Ambient temperature : 24.9°C
Relative humidity : 58%

Table 1: Maximum peak conducted output power

Test Mode	Test Channel (MHz)	Maximum peak conducted output power		Limit (W)
		(dBm)	(mW)	
BLE	2402	-1.82	0.66	< 1
	2440	-2.34	0.58	
	2480	-2.81	0.52	

Table 2: E.I.R.P

Test Mode	Test Channel (MHz)	E.I.R.P		Limit (W)
		(dBm)	(mW)	
BLE	2402	-0.60	0.87	< 4
	2440	-1.12	0.77	
	2480	-1.59	0.69	

Note: The antenna gain is 1.225dBi

Figure 1: The plots of Peak Conducted Output Power, 2402MHz

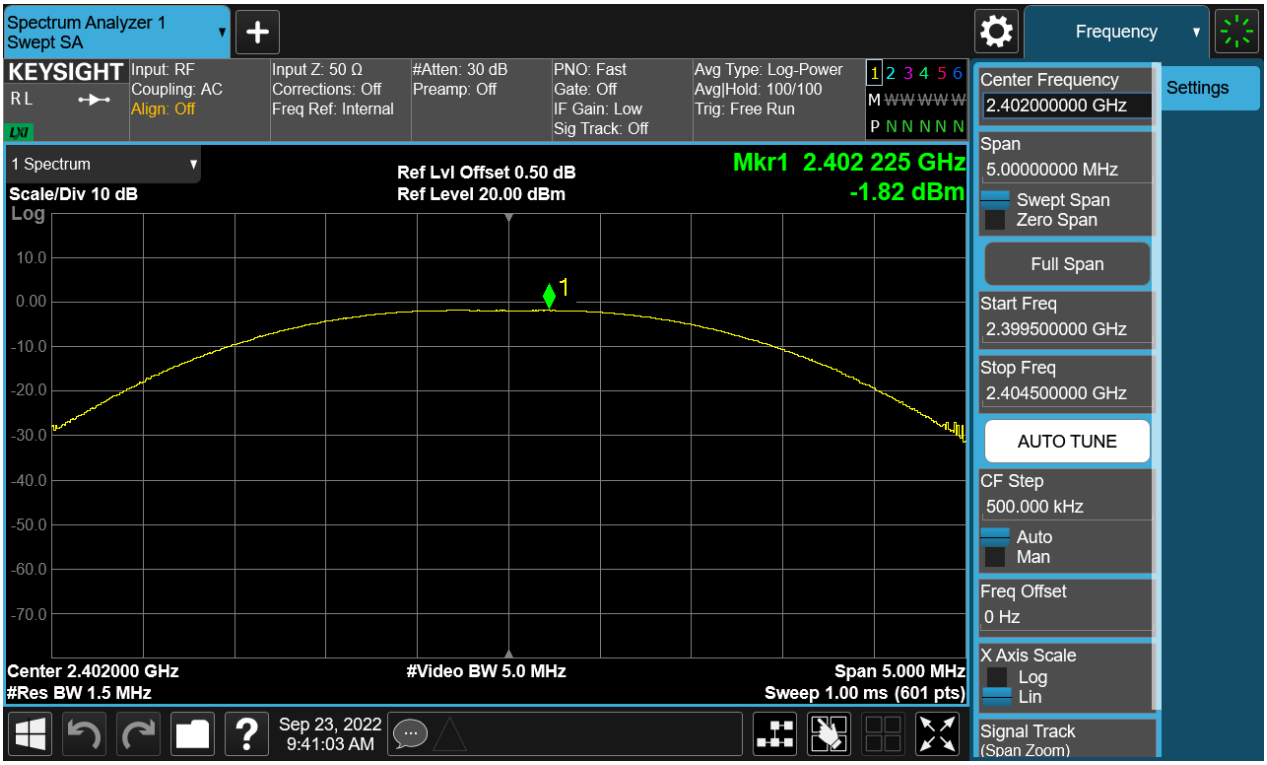


Figure 2: The plots of Peak Conducted Output Power, 2440MHz

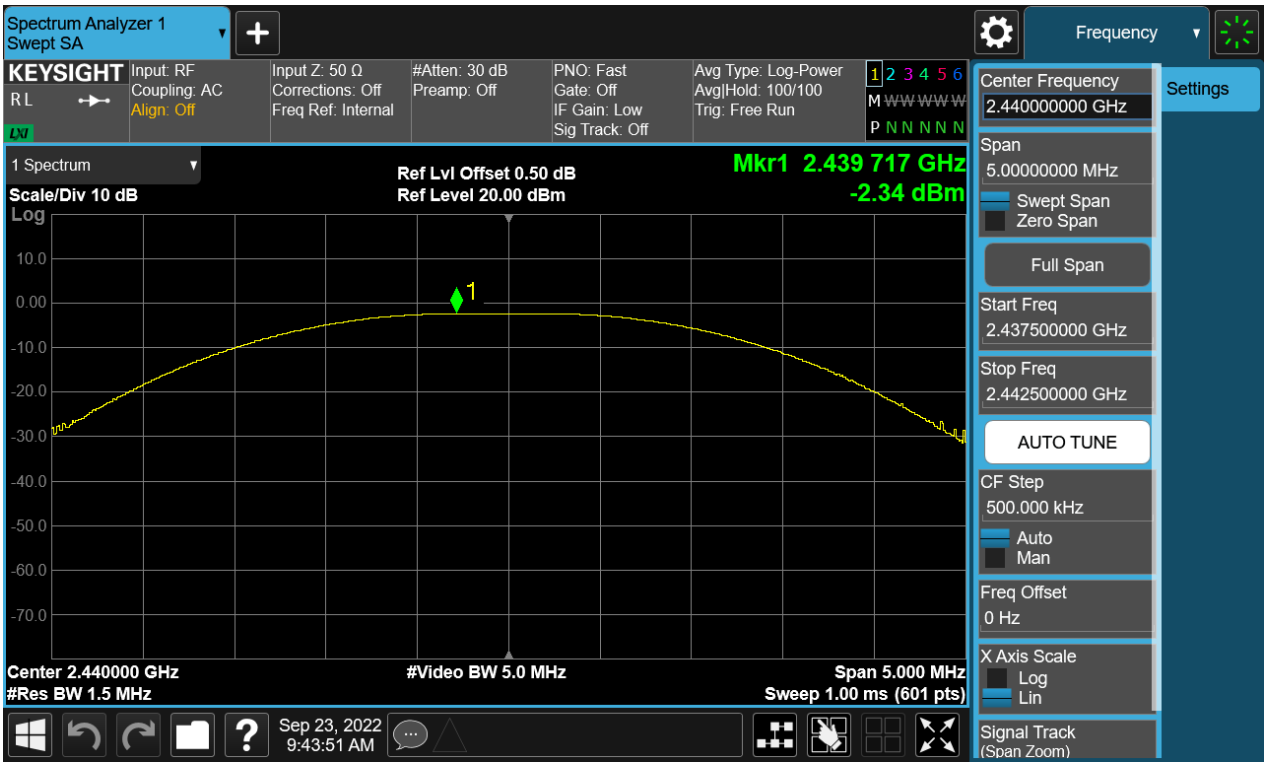
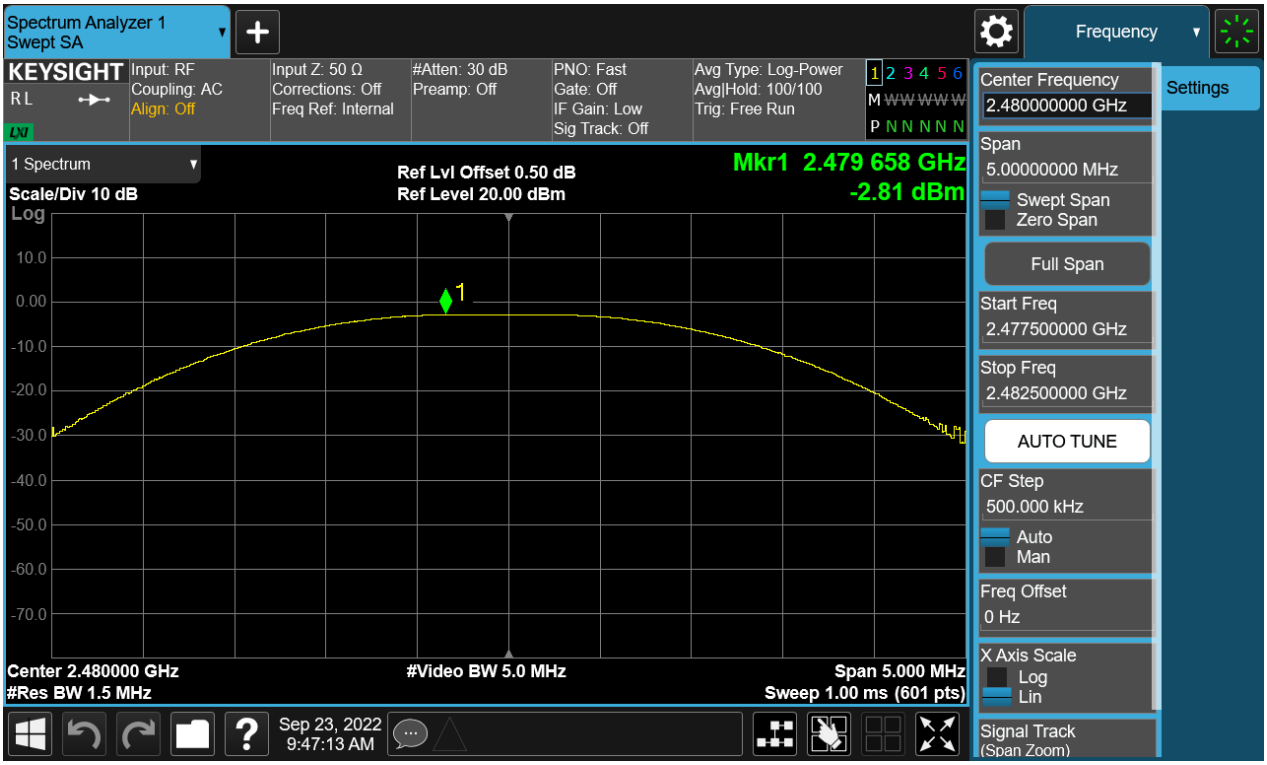


Figure 3: The plots of Peak Conducted Output Power, 2480MHz



4.1.3 6dB Bandwidth and 99% Bandwidth

RESULT: **PASS**

Test standard : FCC Part 15.247(a)(2), RSS-247 5.2(a)
RSS-Gen 6.7
Requirement : ANSI C63.10-2013 clause 11.8.1,
KDB 558074 clause 8.2
Kind of test site : Shielded room

Test setup

Test Channel : Low/Middle/High
Operation Mode : A.1.a
Ambient temperature : 24.9°C
Relative humidity : 58%

Table 3: 6dB Bandwidth and 99% Bandwidth

Test Mode	Test Channel (MHz)	6dB Bandwidth (MHz)	99% Bandwidth (MHz)	6dB Bandwidth Limit
BLE	2402	0.7123	1.0620	>0.5 MHz
	2440	0.7297	1.0515	
	2480	0.7074	1.0387	

Figure 4: The plots of 6dB Bandwidth, 2402MHz

Figure 5: The plots of 99% Bandwidth, 2402MHz

Figure 6: The plots of 6dB Bandwidth, 2440MHz

Figure 7: The plots of 99% Bandwidth, 2440MHz

Figure 8: The plots of 6dB Bandwidth, 2480MHz

Figure 9: The plots of 99% Bandwidth, 2480MHz

4.1.4 Maximum conducted output power spectral density

RESULT: **PASS**

Test standard	:	FCC Part 15.247(e), RSS-247 5.2(b)
Requirement	:	ANSI C63.10-2013 clause 11.10.2, KDB 558074 clause 8.4
Kind of test site	:	Shielded room

Test setup

Test Channel	:	Low/Middle/High
Operation Mode	:	A.1.a
Ambient temperature	:	24.9°C
Relative humidity	:	58%

Table 4: Maximum conducted output power spectral density

Test Mode	Test Channel (MHz)	Measured Result (dBm/3kHz)	Limit (dBm/3kHz)
BLE	2402	-18.15	8
	2440	-18.53	
	2480	-19.06	

Figure 10: The plots of Power Spectral Density, 2402MHz

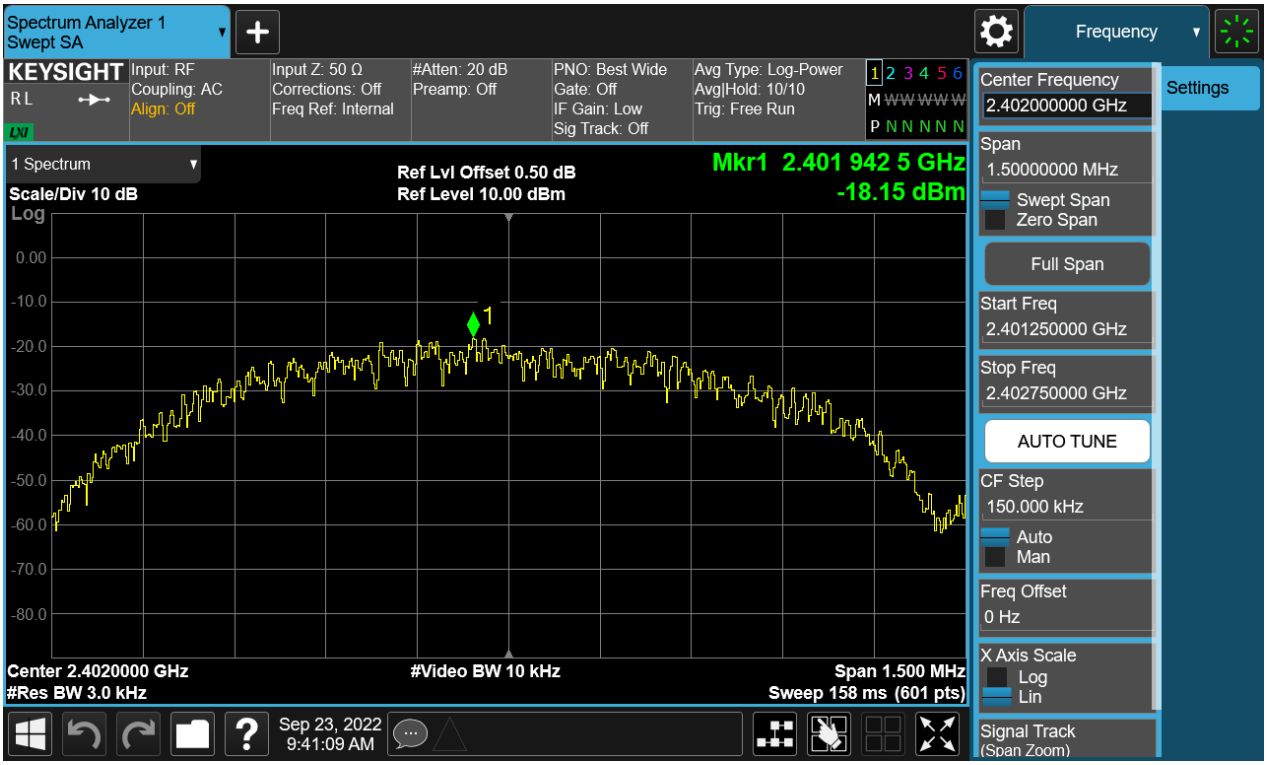


Figure 11: The plots of Power Spectral Density, 2440MHz

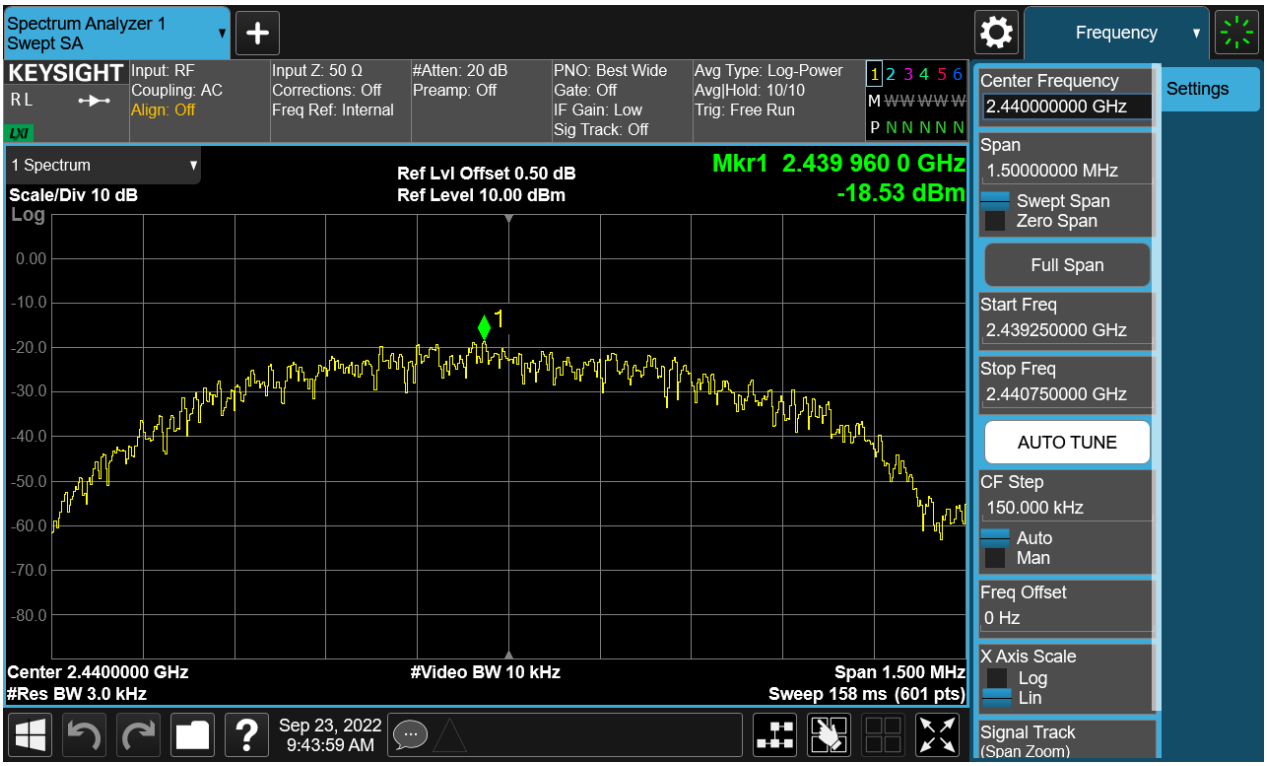
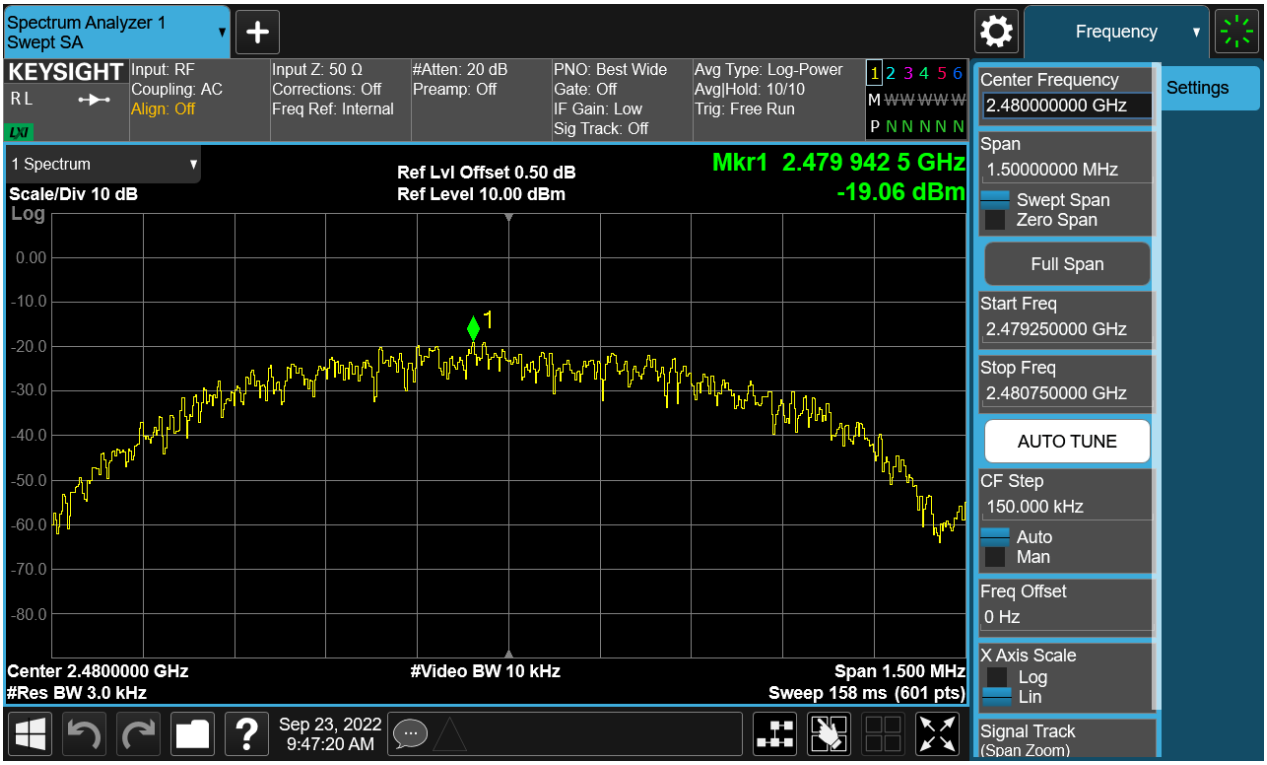


Figure 12: The plots of Power Spectral Density, 2480MHz



4.1.5 Conducted Spurious Emission & Authorized-band band-edge

RESULT: **PASS**

Test standard	:	FCC Part 15.247(d), RSS-247 5.5
Requirement	:	ANSI C63.10-2013 clause 11.11, KDB 558074 clause 8.5
Kind of test site	:	Shielded room

Test setup

Test Channel	:	Low/Middle/High for spurious, Low/High for Band Edge
Operation Mode	:	A.1.a
Ambient temperature	:	24.9°C
Relative humidity	:	58%

For details refer to following test plot.

Figure 13: The plots of Conducted Spurious Emission & Authorized-band band-edge, 2402MHz, Carrier Level

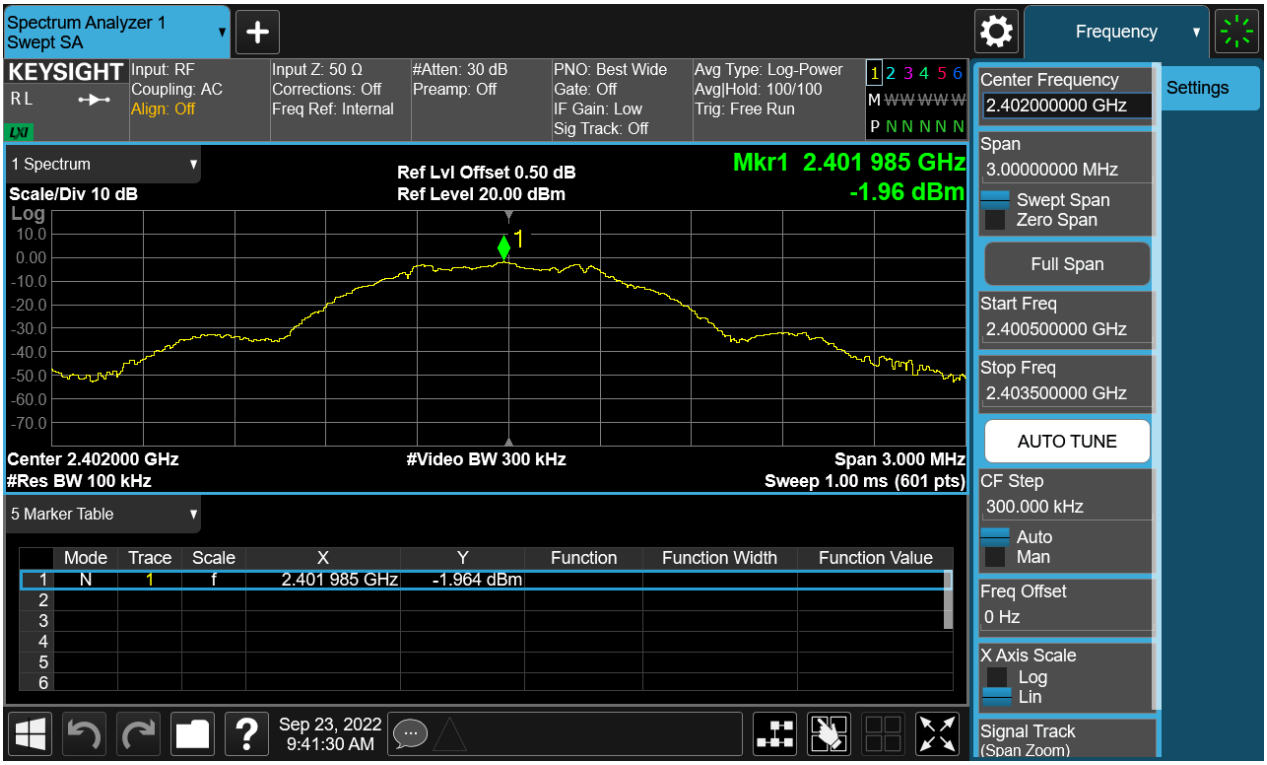


Figure 14: The plots of Conducted Spurious Emission & Authorized-band band-edge, 2402MHz, Band Edge

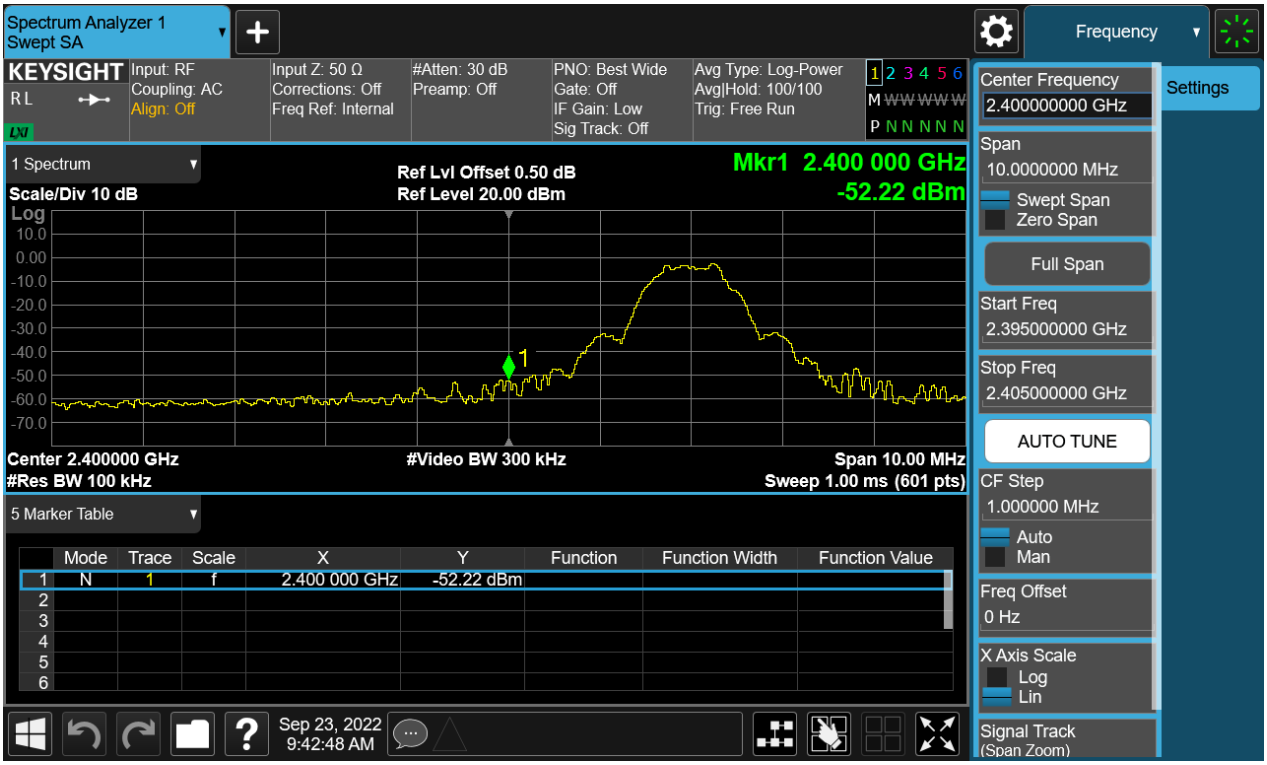


Figure 15: The plots of Conducted Spurious Emission & Authorized-band band-edge, 2402MHz, Conducted spurious emissions 30MHz-3GHz

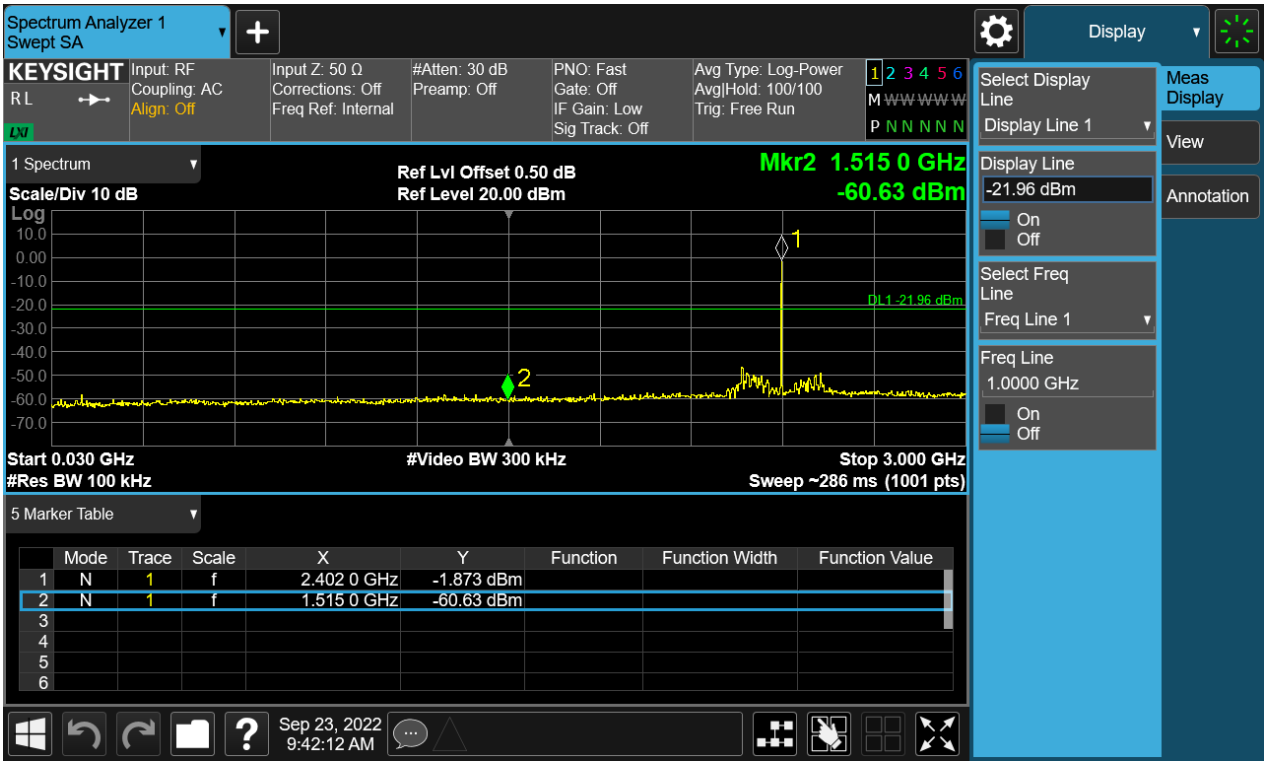


Figure 16: The plots of Conducted Spurious Emission & Authorized-band band-edge, 2402MHz, Conducted spurious emissions 2GHz-25GHz

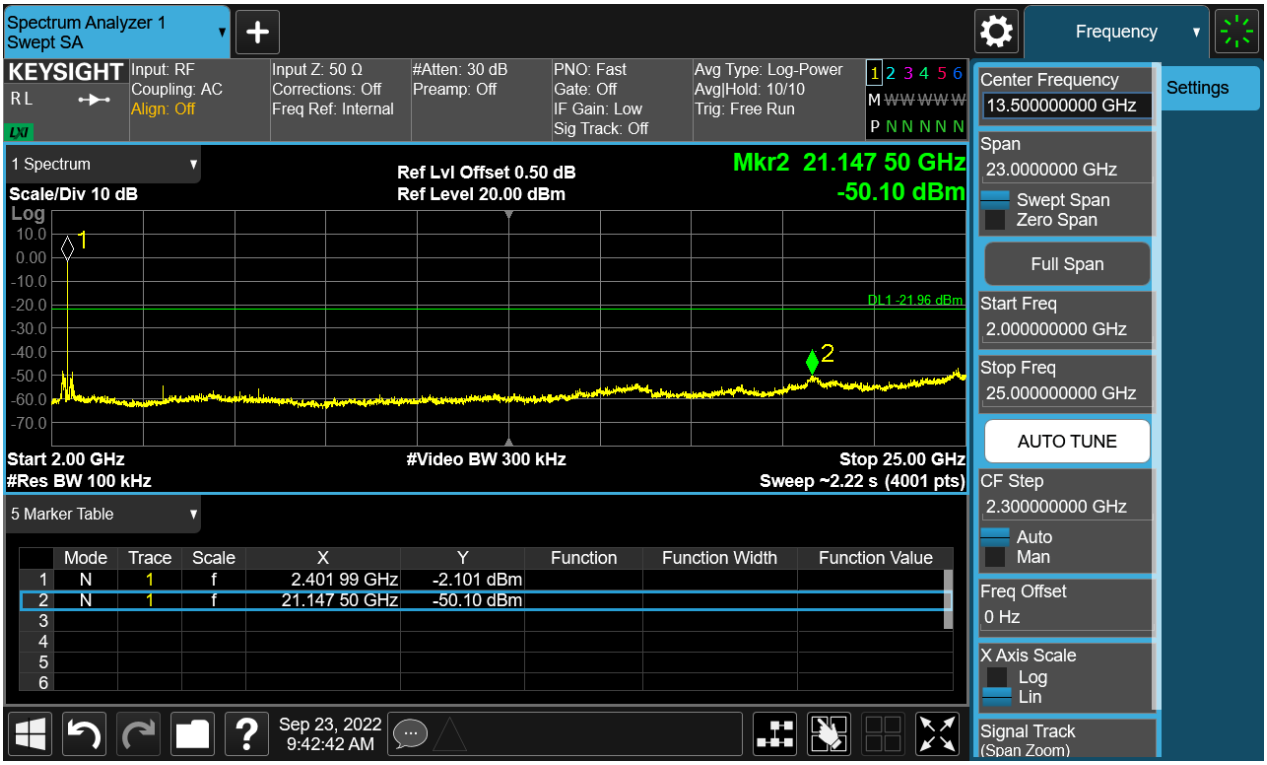


Figure 17: The plots of Conducted Spurious Emission & Authorized-band band-edge, 2440MHz, Carrier Level

Figure 18: The plots of Conducted Spurious Emission & Authorized-band band-edge, 2440MHz, Conducted spurious emissions 30MHz-3GHz

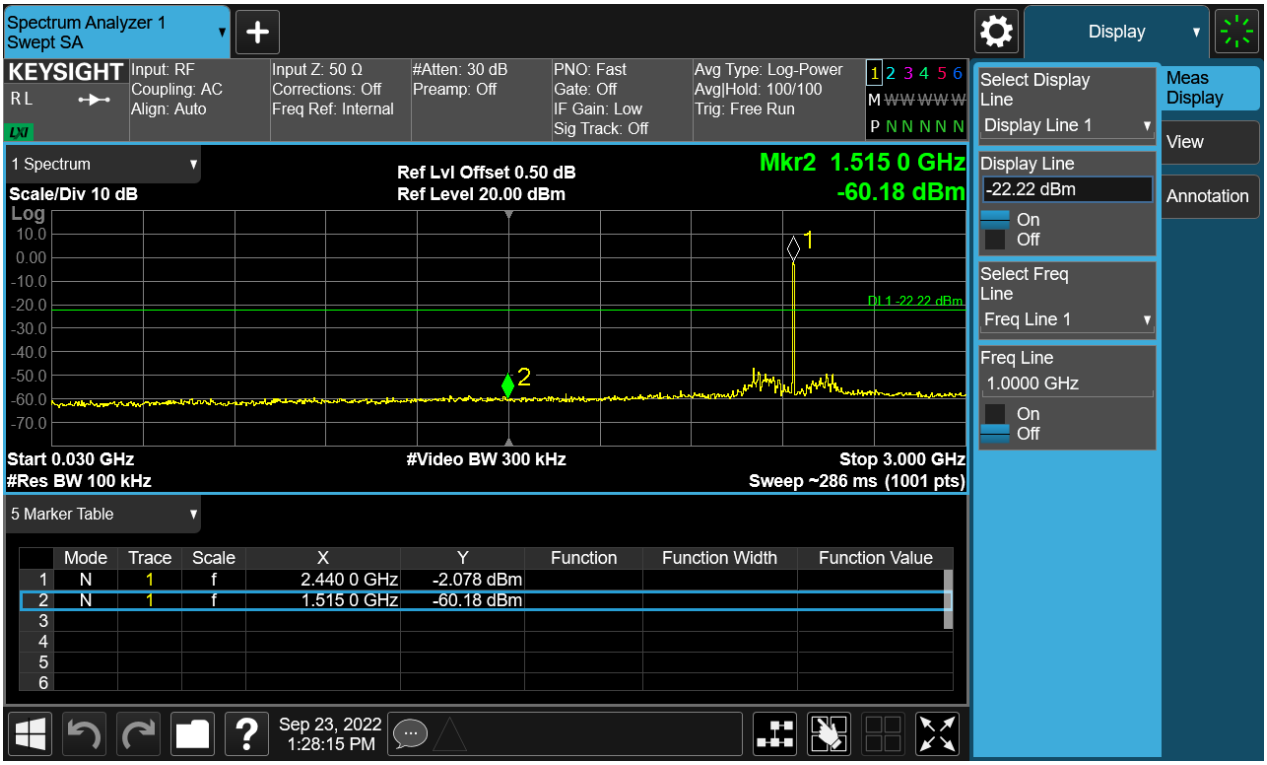


Figure 19: The plots of Conducted Spurious Emission & Authorized-band band-edge, 2440MHz, Conducted spurious emissions 2GHz-25GHz

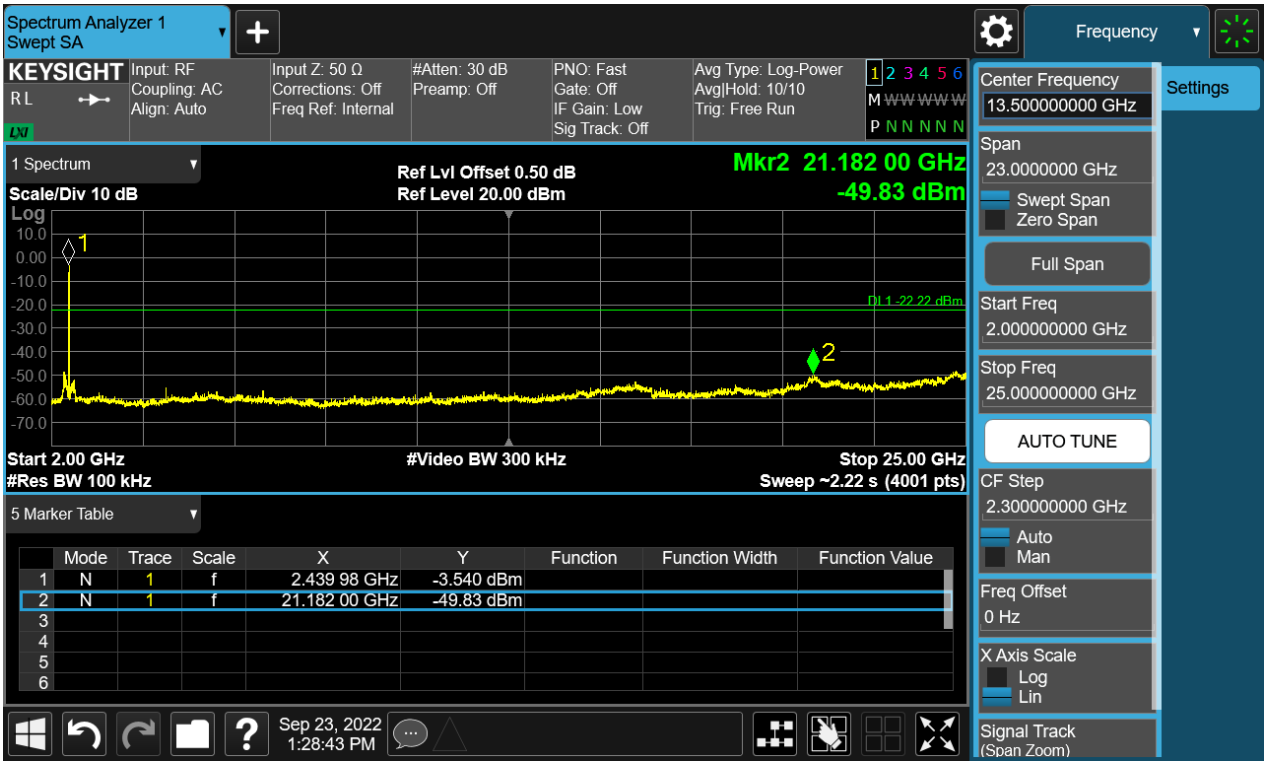


Figure 20: The plots of Conducted Spurious Emission & Authorized-band band-edge, 2480MHz, Carrier Level

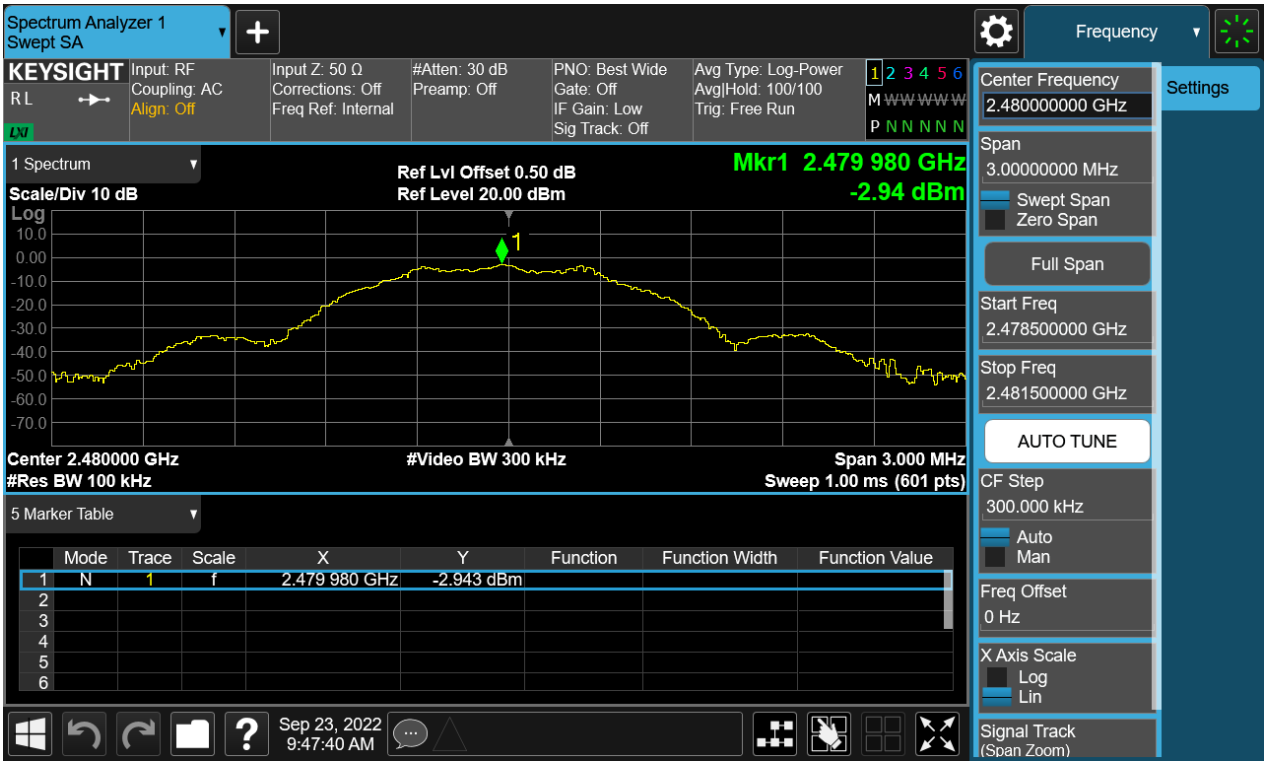


Figure 21: The plots of Conducted Spurious Emission & Authorized-band band-edge, 2480MHz, Band Edge

Figure 22: The plots of Conducted Spurious Emission & Authorized-band band-edge, 2480MHz, Conducted spurious emissions 30MHz-3GHz

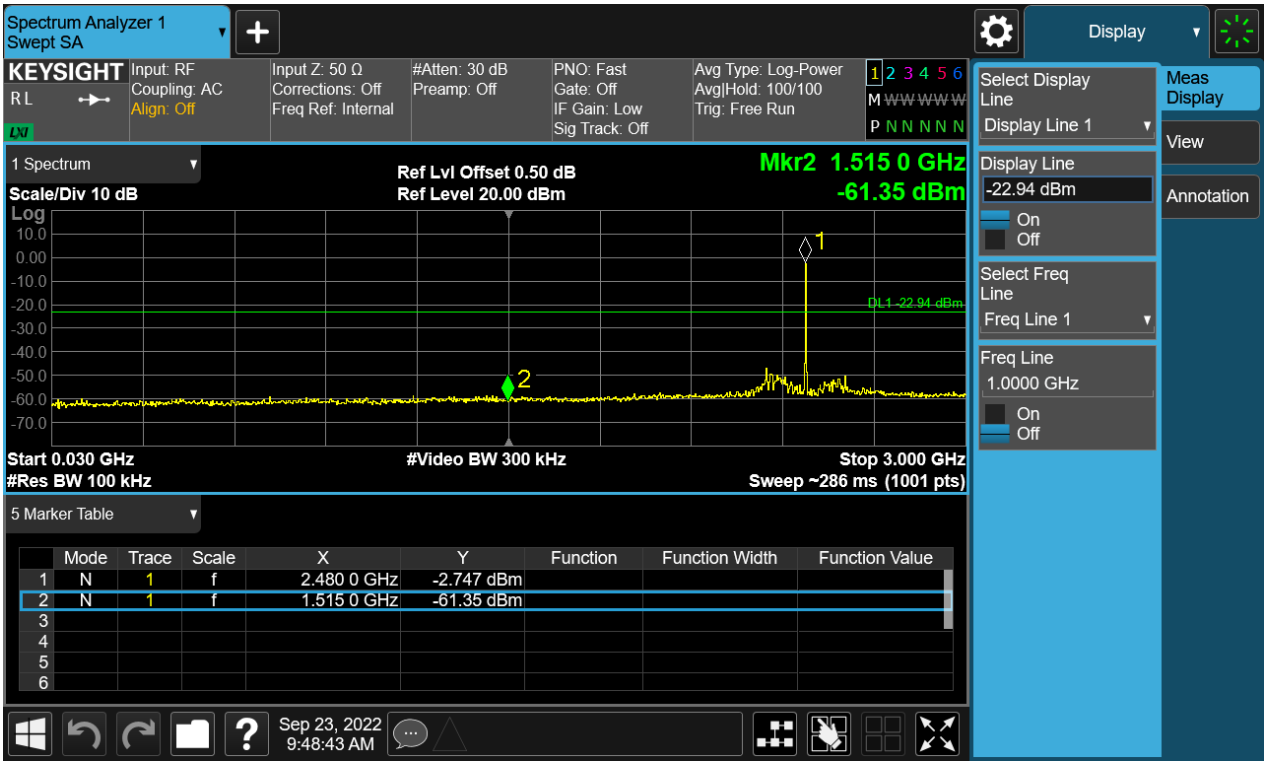
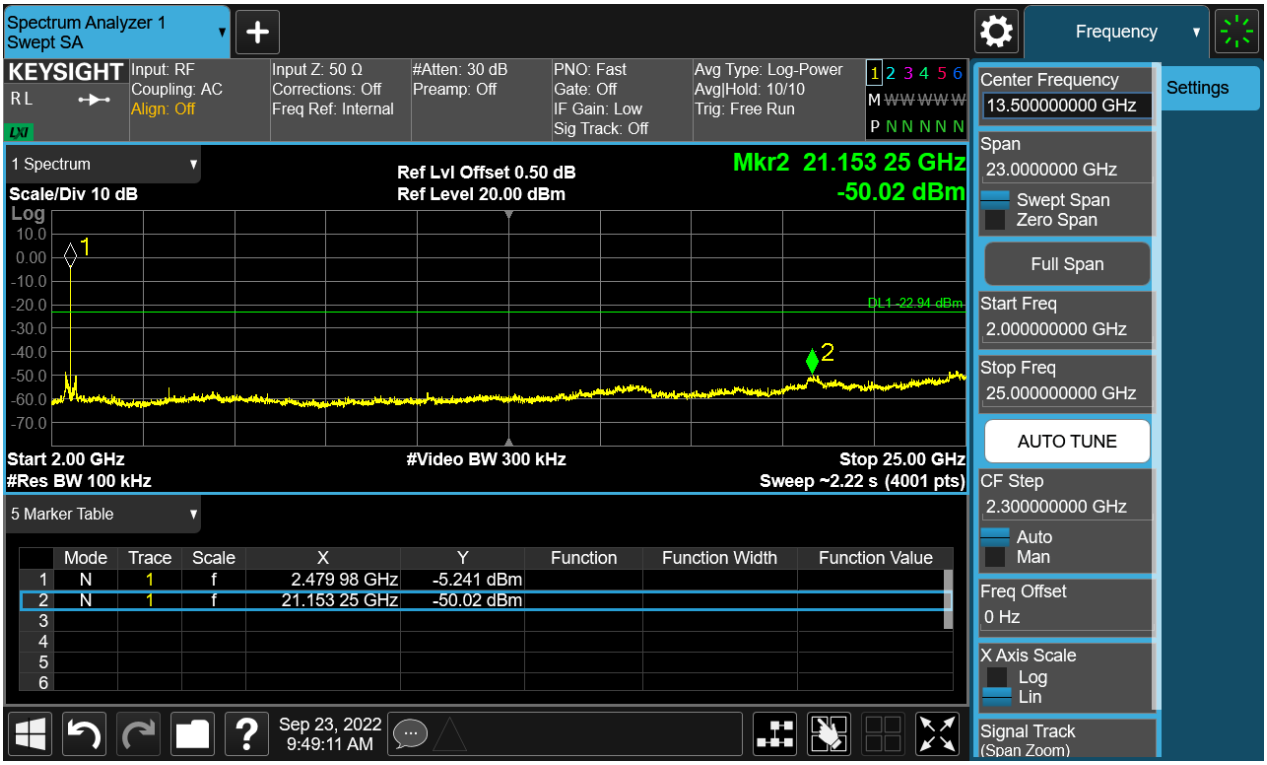


Figure 23: The plots of Conducted Spurious Emission & Authorized-band band-edge, 2480MHz, Conducted spurious emissions 2GMHz-25GHz



4.1.6 Radiated Emission

RESULT: **PASS**

Test standard	:	FCC Part 15.247(d), 15.205, 15.209 RSS-GEN 8.9
Requirement	:	ANSI C63.10-2013 clause 11.12, KDB 558074 clause 8.6
Kind of test site	:	3m Semi-Anechoic Chamber

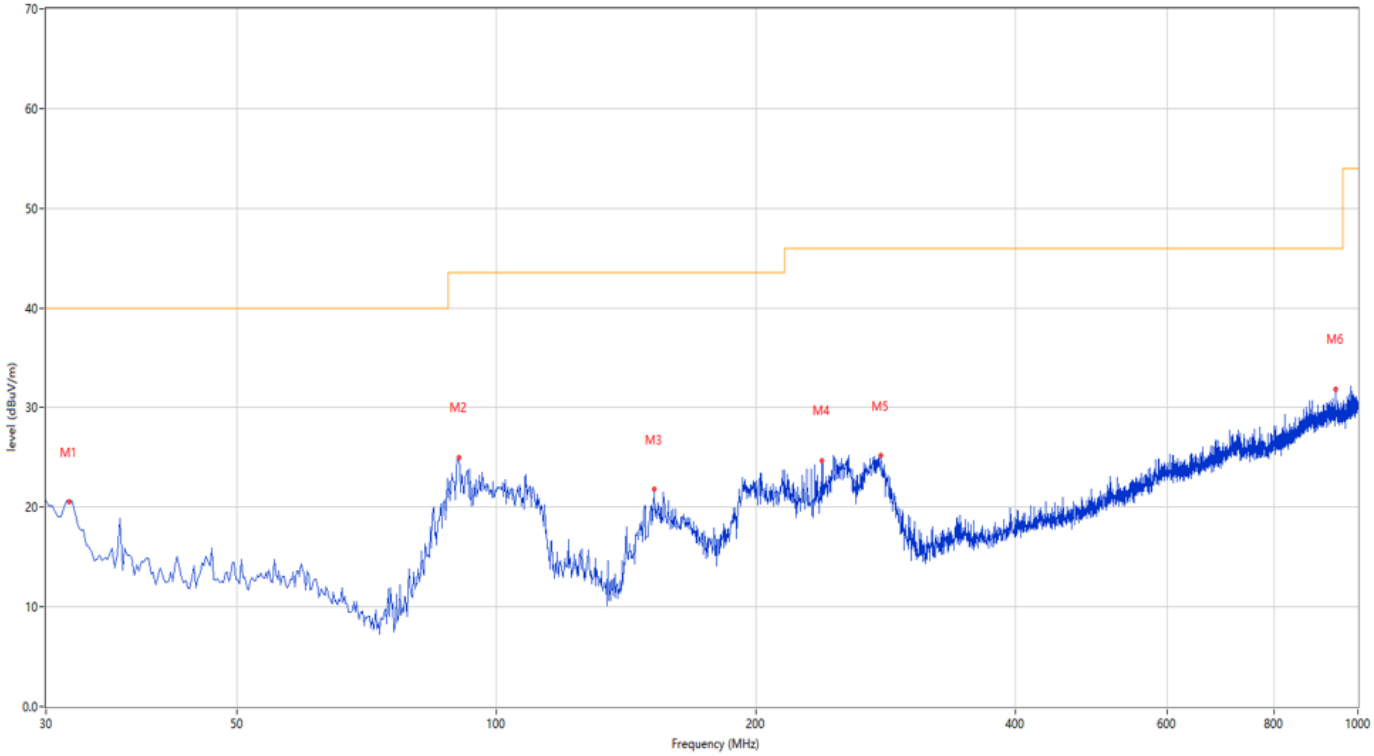
Test setup

Test Channel	:	Low/Middle/High
Operation Mode	:	A.1.a
Ambient temperature	:	25°C
Relative humidity	:	53%

Notes

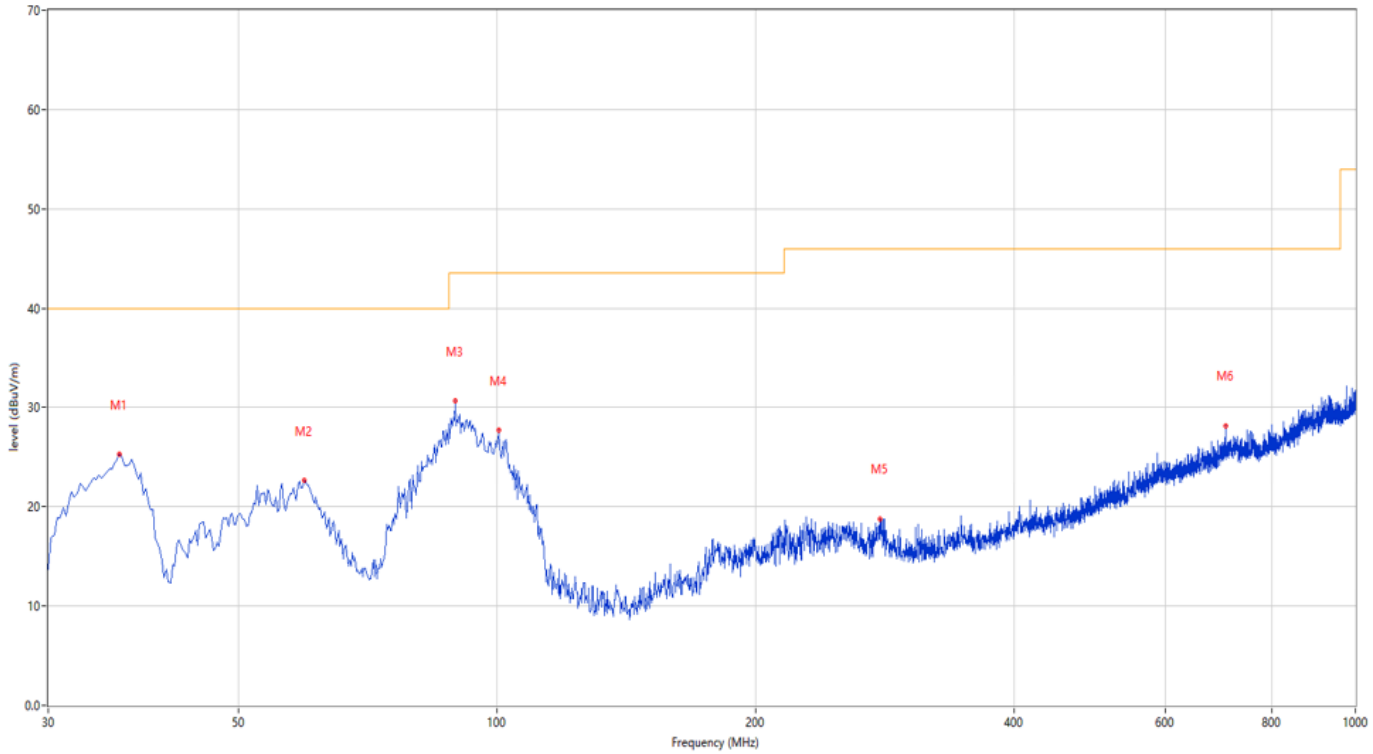
1. For 9 kHz ~ 30 MHz, the amplitude of spurious emissions that are attenuated by more than 20dB below the permissible. The value has no need to be reported.
2. The spurious above 18GHz is noise only and 20dB below the limit. The value has no need to be reported.
3. The EUT was pretested with 3 orientations placed on the table for the radiated emission measurement –X, Y, and Z-plane. The X-plane results were found as the worst case and were shown in this report.

Figure 24: The plots of Radiated Emission, 2402MHz,30MHz-1GHz, Horizontal polarization



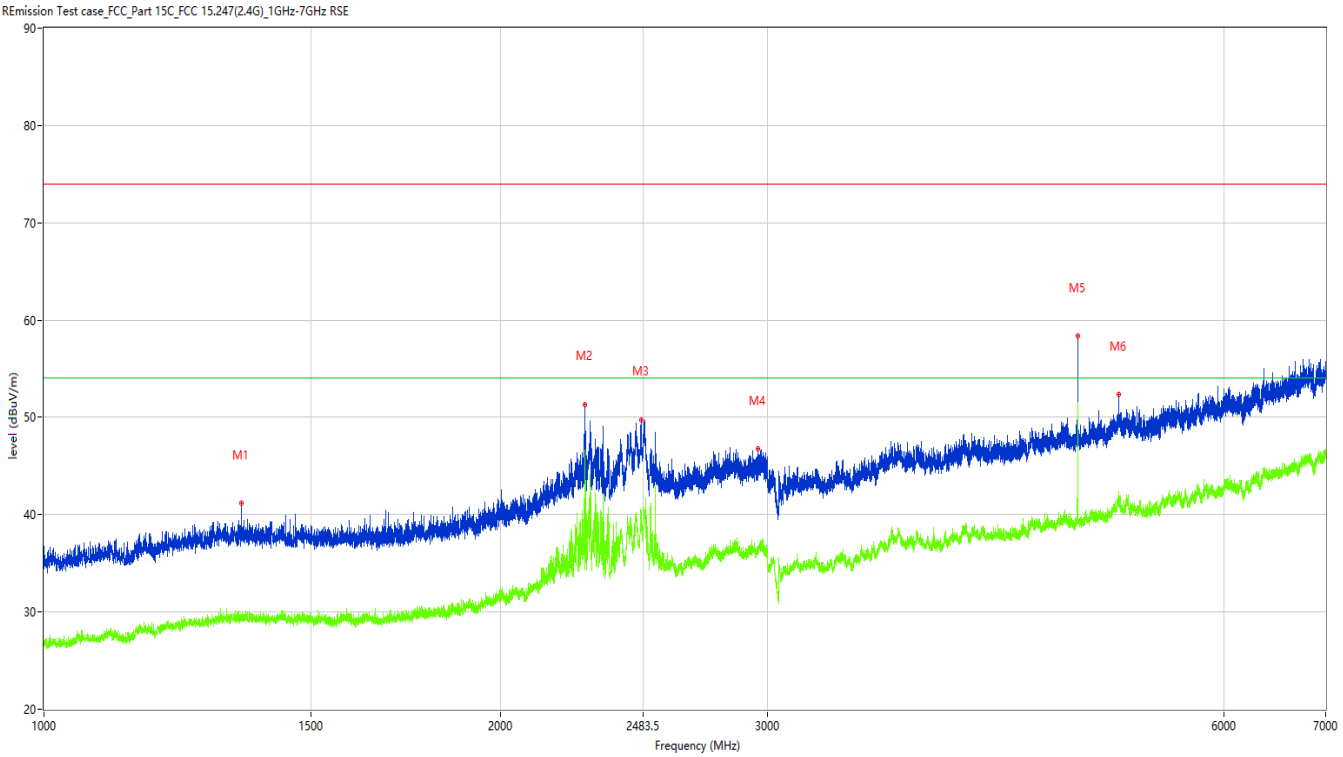
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	31.940	20.59	-29.17	40.0	-19.41	Peak	355.40	150	Horizontal	Pass
2	90.367	24.99	-28.64	43.5	-18.51	Peak	101.90	200	Horizontal	Pass
3	152.432	21.82	-29.85	43.5	-21.68	Peak	256.40	200	Horizontal	Pass
4	238.740	24.69	-25.29	46.0	-21.31	Peak	237.50	100	Horizontal	Pass
5	279.470	25.17	-24.29	46.0	-20.83	Peak	237.50	100	Horizontal	Pass
6	941.087	31.86	-9.14	46.0	-14.14	Peak	48.30	200	Horizontal	Pass

Figure 25: The plots of Radiated Emission, 2402MHz,30MHz-1GHz, Vertical polarization



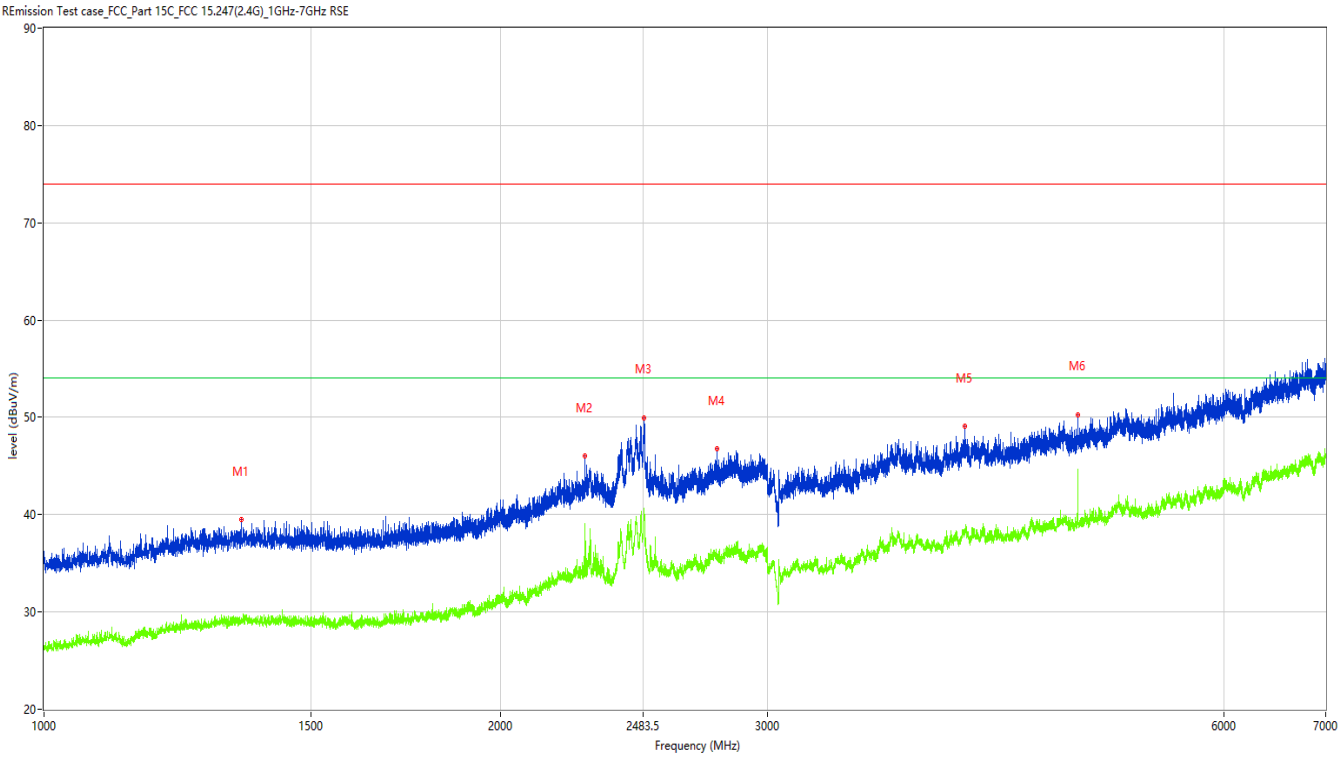
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	36.303	25.27	-27.61	40.0	-14.73	Peak	360.00	150	Vertical	Pass
2	59.578	22.61	-26.18	40.0	-17.39	Peak	360.00	150	Vertical	Pass
3	89.398	30.64	-28.93	43.5	-12.86	Peak	262.40	100	Vertical	Pass
4	100.550	27.68	-26.63	43.5	-15.82	Peak	360.00	150	Vertical	Pass
5	279.228	18.80	-24.29	46.0	-27.20	Peak	194.70	100	Vertical	Pass
6	705.921	28.17	-14.07	46.0	-17.83	Peak	360.00	150	Vertical	Pass

Figure 26: The plots of Radiated Emission, 2402MHz,1GHz-7GHz, Horizontal polarization



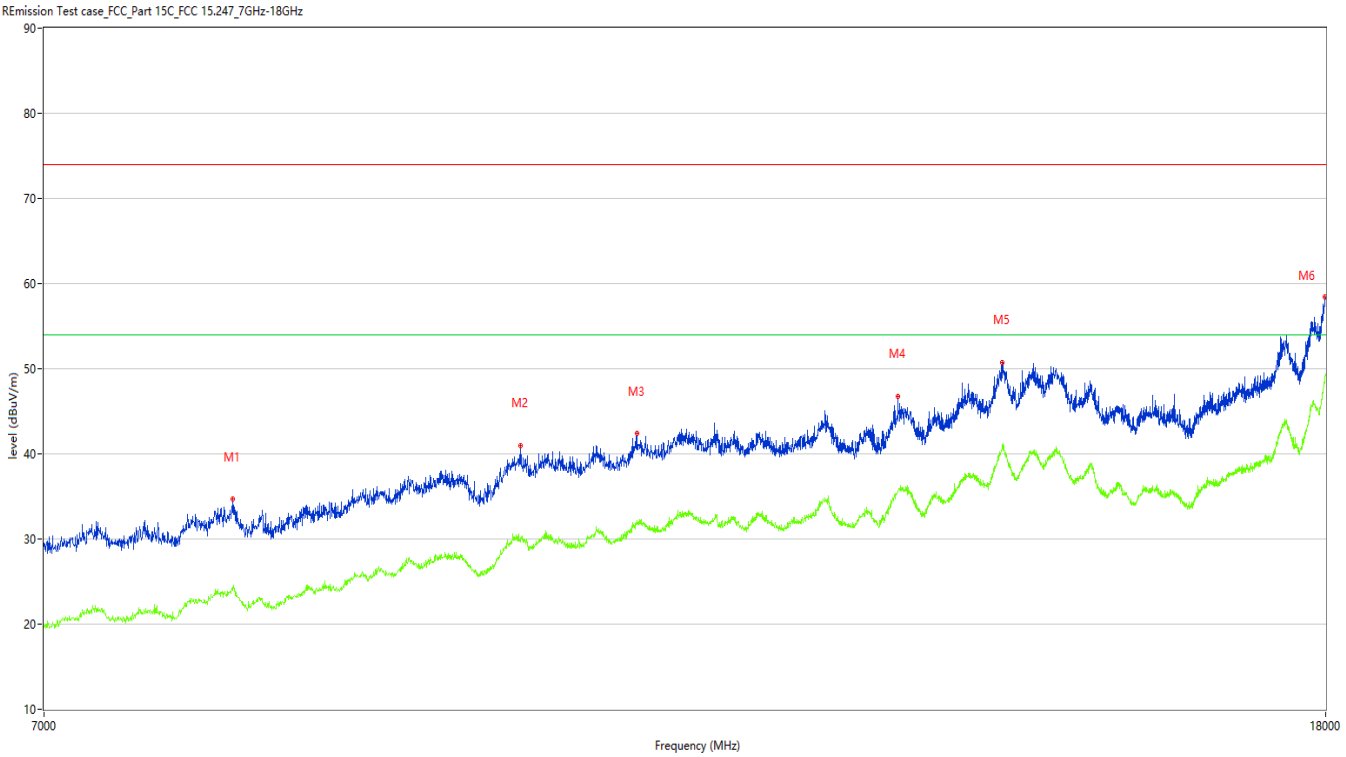
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1348.956	41.19	-12.78	74.0	-32.81	Peak	208.80	100	Horizontal	Pass
1**	1348.956	29.71	-12.78	54.0	-24.29	AV	208.80	100	Horizontal	Pass
2	2273.591	51.35	-7.34	74.0	-22.65	Peak	0.00	100	Horizontal	Pass
2**	2273.591	46.43	-7.34	54.0	-7.57	AV	0.00	100	Horizontal	Pass
3	2475.816	49.74	-2.12	74.0	-24.26	Peak	185.80	100	Horizontal	Pass
3**	2475.816	39.96	-2.12	54.0	-14.04	AV	185.80	100	Horizontal	Pass
4	2956.505	46.74	-3.50	74.0	-27.26	Peak	102.40	100	Horizontal	Pass
4**	2956.505	36.33	-3.50	54.0	-17.67	AV	102.40	100	Horizontal	Pass
5	4803.775	58.33	-0.56	74.0	-15.67	Peak	281.70	100	Horizontal	Pass
5**	4803.775	51.57	-0.56	54.0	-2.43	AV	281.70	100	Horizontal	Pass
6	5114.736	52.36	1.30	74.0	-21.64	Peak	3.90	100	Horizontal	Pass
6**	5114.736	41.22	1.30	54.0	-12.78	AV	3.90	100	Horizontal	Pass

Figure 27: The plots of Radiated Emission, 2402MHz,1GHz-7GHz, Vertical polarization



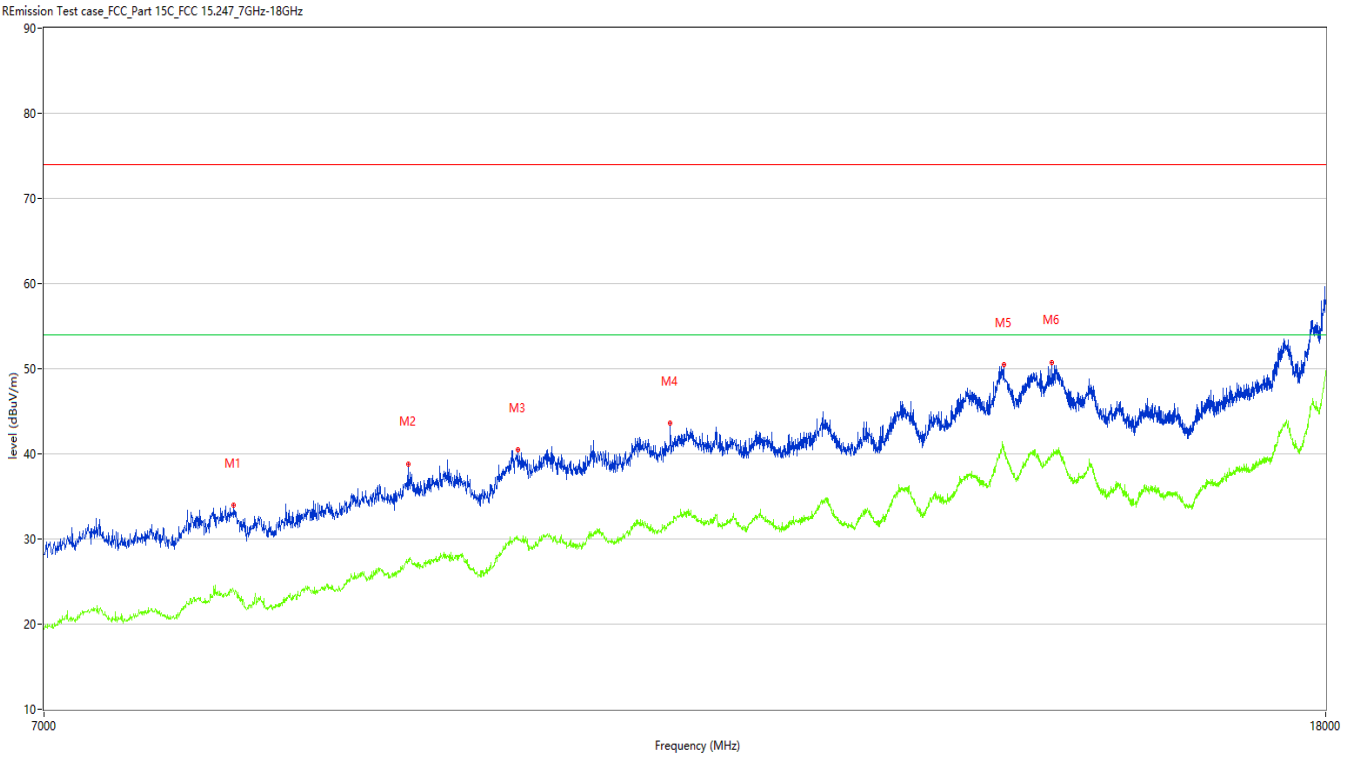
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1349.956	39.49	-12.78	74.0	-34.51	Peak	275.80	100	Vertical	Pass
1**	1349.956	29.36	-12.78	54.0	-24.64	AV	275.80	100	Vertical	Pass
2	2273.841	46.03	-7.35	74.0	-27.97	Peak	93.50	100	Vertical	Pass
2**	2273.841	39.07	-7.35	54.0	-14.93	AV	93.50	100	Vertical	Pass
3	2485.814	49.98	-1.91	74.0	-24.02	Peak	10.90	100	Vertical	Pass
3**	2485.814	40.68	-1.91	54.0	-13.32	AV	10.90	100	Vertical	Pass
4	2779.778	46.76	-4.42	74.0	-27.24	Peak	163.50	100	Vertical	Pass
4**	2779.778	35.43	-4.42	54.0	-18.57	AV	163.50	100	Vertical	Pass
5	4045.869	49.05	-0.87	74.0	-24.95	Peak	122.80	100	Vertical	Pass
5**	4045.869	38.27	-0.87	54.0	-15.73	AV	122.80	100	Vertical	Pass
6	4803.275	50.31	-0.57	74.0	-23.69	Peak	153.30	100	Vertical	Pass
6**	4803.275	43.69	-0.57	54.0	-10.31	AV	153.30	100	Vertical	Pass

Figure 28: The plots of Radiated Emission, 2402MHz,7GHz-18GHz, Horizontal polarization



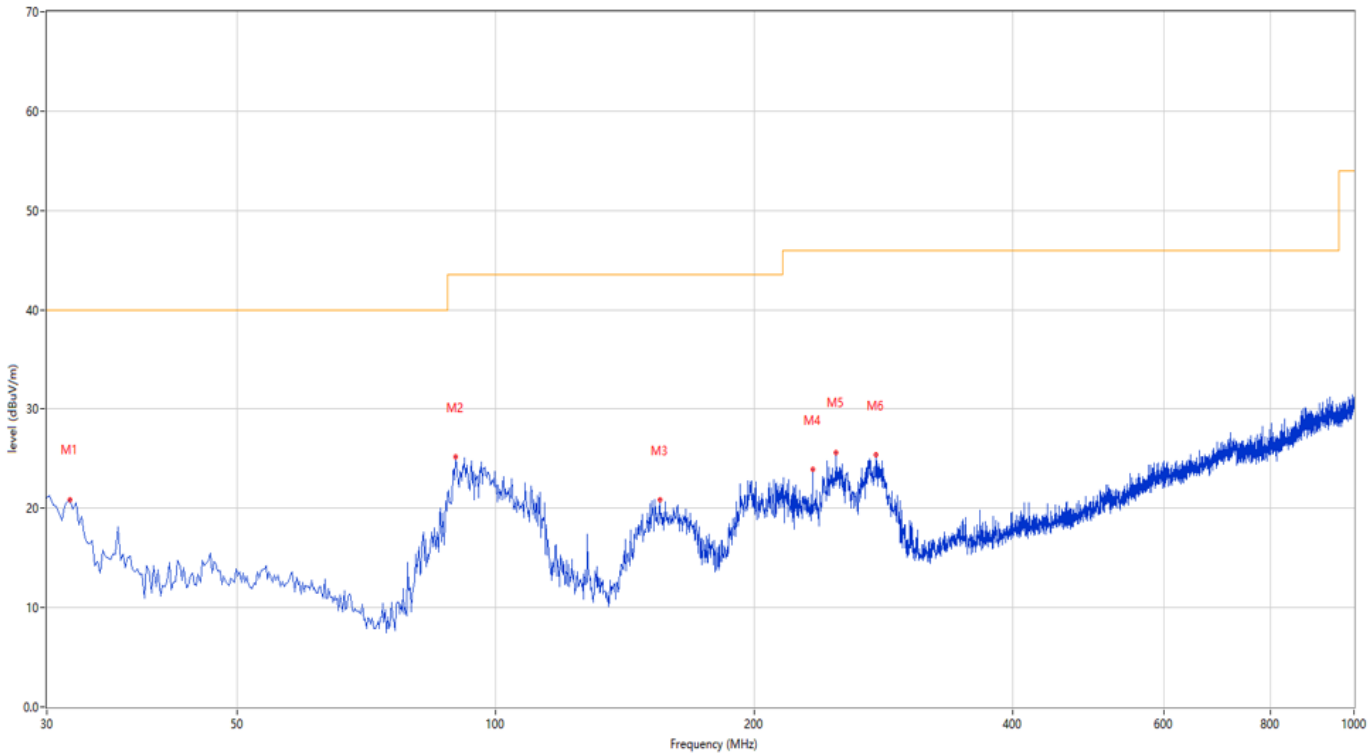
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	8041.990	34.66	4.52	74.0	-39.34	Peak	96.70	100	Horizontal	Pass
1**	8041.990	24.02	4.52	54.0	-29.98	AV	96.70	100	Horizontal	Pass
2	9944.514	40.99	9.73	74.0	-33.01	Peak	268.70	100	Horizontal	Pass
2**	9944.514	29.80	9.73	54.0	-24.20	AV	268.70	100	Horizontal	Pass
3	10835.291	42.37	10.97	74.0	-31.63	Peak	310.40	100	Horizontal	Pass
3**	10835.291	32.20	10.97	54.0	-21.80	AV	310.40	100	Horizontal	Pass
4	13133.717	46.80	13.90	74.0	-27.20	Peak	333.10	100	Horizontal	Pass
4**	13133.717	35.68	13.90	54.0	-18.32	AV	333.10	100	Horizontal	Pass
5	14186.703	50.72	19.72	74.0	-23.28	Peak	2.50	100	Horizontal	Pass
5**	14186.703	40.93	19.72	54.0	-13.07	AV	2.50	100	Horizontal	Pass
6	17986.253	58.40	27.07	74.0	-15.60	Peak	166.70	100	Horizontal	Pass
6**	17986.253	48.67	27.07	54.0	-5.33	AV	166.70	100	Horizontal	Pass

Figure 29: The plots of Radiated Emission, 2402MHz,7GHz-18GHz, Vertical polarization



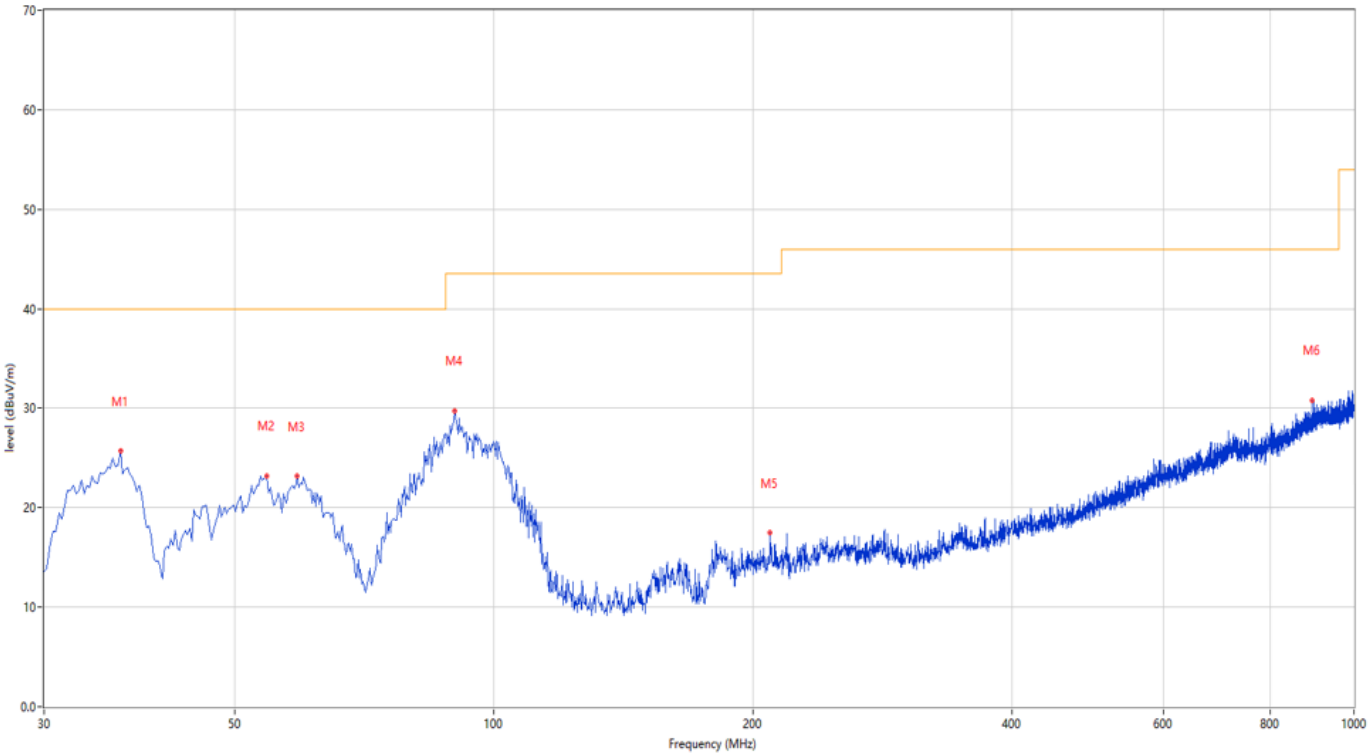
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	8050.237	33.92	4.50	74.0	-40.08	Peak	325.40	100	Vertical	Pass
1**	8050.237	23.83	4.50	54.0	-30.17	AV	325.40	100	Vertical	Pass
2	9155.461	38.81	7.42	74.0	-35.19	Peak	247.30	100	Vertical	Pass
2**	9155.461	27.32	7.42	54.0	-26.68	AV	247.30	100	Vertical	Pass
3	9922.519	40.46	9.89	74.0	-33.54	Peak	169.10	100	Vertical	Pass
3**	9922.519	29.93	9.89	54.0	-24.07	AV	169.10	100	Vertical	Pass
4	11104.724	43.60	10.42	74.0	-30.40	Peak	164.70	100	Vertical	Pass
4**	11104.724	32.07	10.42	54.0	-21.93	AV	164.70	100	Vertical	Pass
5	14197.701	50.53	19.55	74.0	-23.47	Peak	34.40	100	Vertical	Pass
5**	14197.701	40.85	19.55	54.0	-13.15	AV	34.40	100	Vertical	Pass
6	14714.571	50.76	18.29	74.0	-23.24	Peak	16.20	100	Vertical	Pass
6**	14714.571	39.93	18.29	54.0	-14.07	AV	16.20	100	Vertical	Pass

Figure 30: The plots of Radiated Emission, 2440MHz,30MHz-1GHz, Horizontal polarization



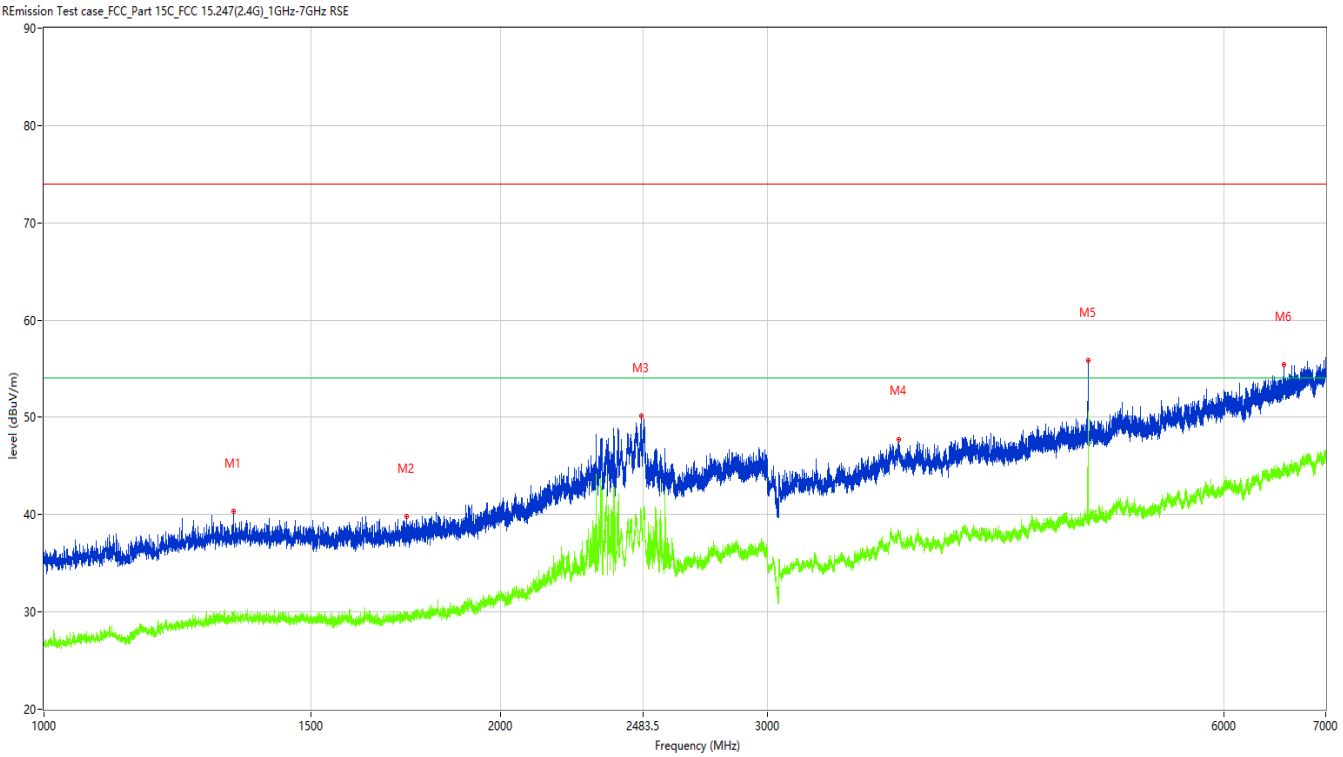
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	31.940	20.90	-29.17	40.0	-19.10	Peak	57.30	150	Horizontal	Pass
2	89.883	25.16	-28.78	43.5	-18.34	Peak	116.60	200	Horizontal	Pass
3	155.341	20.84	-29.69	43.5	-22.66	Peak	57.80	200	Horizontal	Pass
4	234.134	23.94	-25.46	46.0	-22.06	Peak	228.50	100	Horizontal	Pass
5	249.408	25.66	-24.62	46.0	-20.34	Peak	246.00	100	Horizontal	Pass
6	277.531	25.39	-24.34	46.0	-20.61	Peak	241.50	100	Horizontal	Pass

Figure 31: The plots of Radiated Emission, 2440MHz,30MHz-1GHz, Vertical polarization



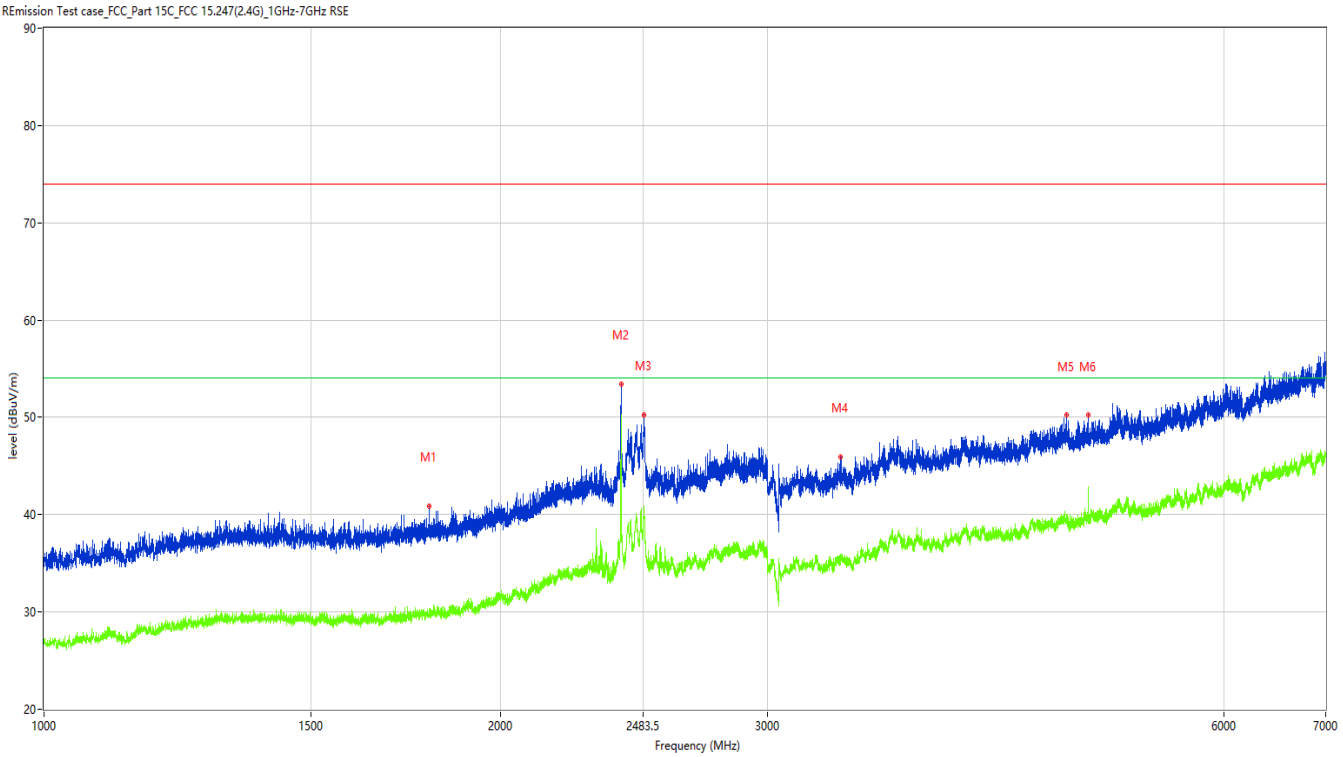
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	36.788	25.68	-27.45	40.0	-14.32	Peak	360.00	150	Vertical	Pass
2	54.486	23.18	-25.34	40.0	-16.82	Peak	339.50	100	Vertical	Pass
3	59.093	23.15	-26.06	40.0	-16.85	Peak	360.00	150	Vertical	Pass
4	90.125	29.77	-28.70	43.5	-13.73	Peak	249.10	100	Vertical	Pass
5	209.405	17.47	-26.76	43.5	-26.03	Peak	244.60	100	Vertical	Pass
6	894.296	30.82	-9.89	46.0	-15.18	Peak	344.00	200	Vertical	Pass

Figure 32: The plots of Radiated Emission, 2440MHz,1GHz-7GHz, Horizontal polarization



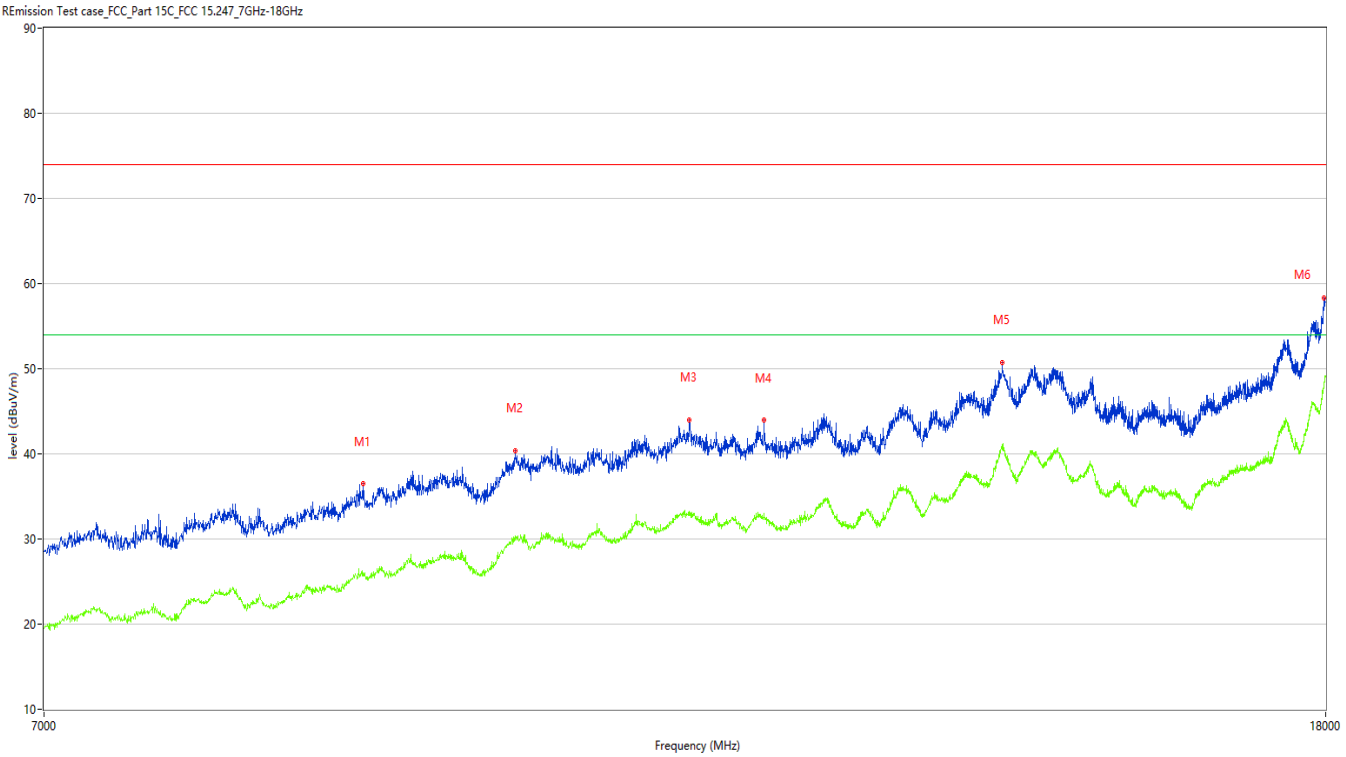
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1333.958	40.33	-12.87	74.0	-33.67	Peak	359.30	100	Horizontal	Pass
1**	1333.958	29.06	-12.87	54.0	-24.94	AV	359.30	100	Horizontal	Pass
2	1735.158	39.79	-12.49	74.0	-34.21	Peak	306.40	100	Horizontal	Pass
2**	1735.158	29.76	-12.49	54.0	-24.24	AV	306.40	100	Horizontal	Pass
3	2475.816	50.14	-2.12	74.0	-23.86	Peak	109.20	100	Horizontal	Pass
3**	2475.816	40.41	-2.12	54.0	-13.59	AV	109.20	100	Horizontal	Pass
4	3661.917	47.72	-1.65	74.0	-26.28	Peak	147.60	100	Horizontal	Pass
4**	3661.917	37.85	-1.65	54.0	-16.15	AV	147.60	100	Horizontal	Pass
5	4879.765	55.82	0.06	74.0	-18.18	Peak	277.90	100	Horizontal	Pass
5**	4879.765	50.61	0.06	54.0	-3.39	AV	277.90	100	Horizontal	Pass
6	6574.053	55.41	4.22	74.0	-18.59	Peak	226.20	100	Horizontal	Pass
6**	6574.053	45.14	4.22	54.0	-8.86	AV	226.20	100	Horizontal	Pass

Figure 33: The plots of Radiated Emission, 2440MHz,1GHz-7GHz, Vertical polarization



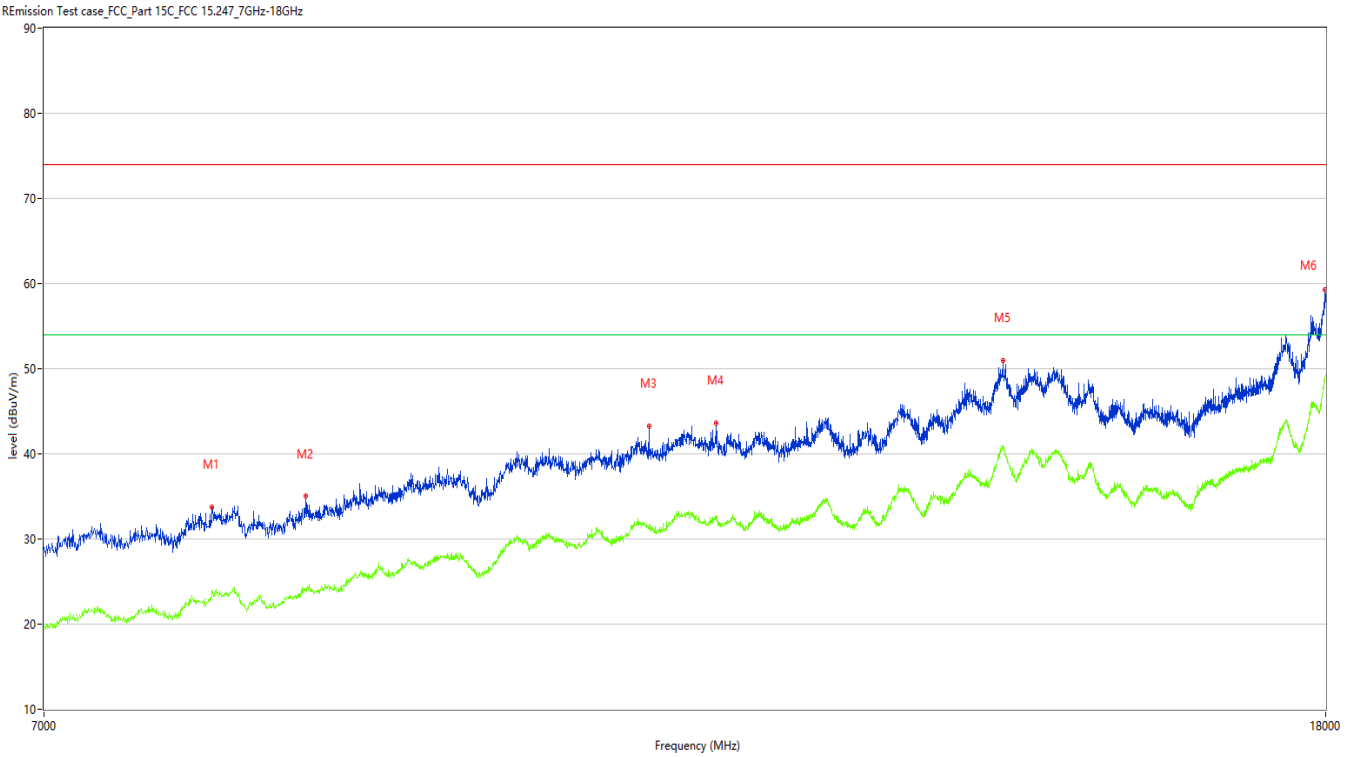
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1793.901	40.91	-12.46	74.0	-33.09	Peak	47.70	100	Vertical	Pass
1**	1793.901	29.81	-12.46	54.0	-24.19	AV	47.70	100	Vertical	Pass
2	2402.075	53.47	-4.01	74.0	-20.53	Peak	123.60	100	Vertical	Pass
2**	2402.075	50.26	-4.01	54.0	-3.74	AV	123.60	100	Vertical	Pass
3	2487.564	50.31	-1.89	74.0	-23.69	Peak	255.40	100	Vertical	Pass
3**	2487.564	39.99	-1.89	54.0	-14.01	AV	255.40	100	Vertical	Pass
4	3350.456	45.96	-4.09	74.0	-28.04	Peak	113.40	100	Vertical	Pass
4**	3350.456	35.55	-4.09	54.0	-18.45	AV	113.40	100	Vertical	Pass
5	4723.785	50.24	-0.16	74.0	-23.76	Peak	58.00	100	Vertical	Pass
5**	4723.785	39.39	-0.16	54.0	-14.61	AV	58.00	100	Vertical	Pass
6	4878.765	50.23	0.06	74.0	-23.77	Peak	90.40	100	Vertical	Pass
6**	4878.765	40.47	0.06	54.0	-13.53	AV	90.40	100	Vertical	Pass

Figure 34: The plots of Radiated Emission, 2440MHz,7GHz-18GHz, Horizontal polarization



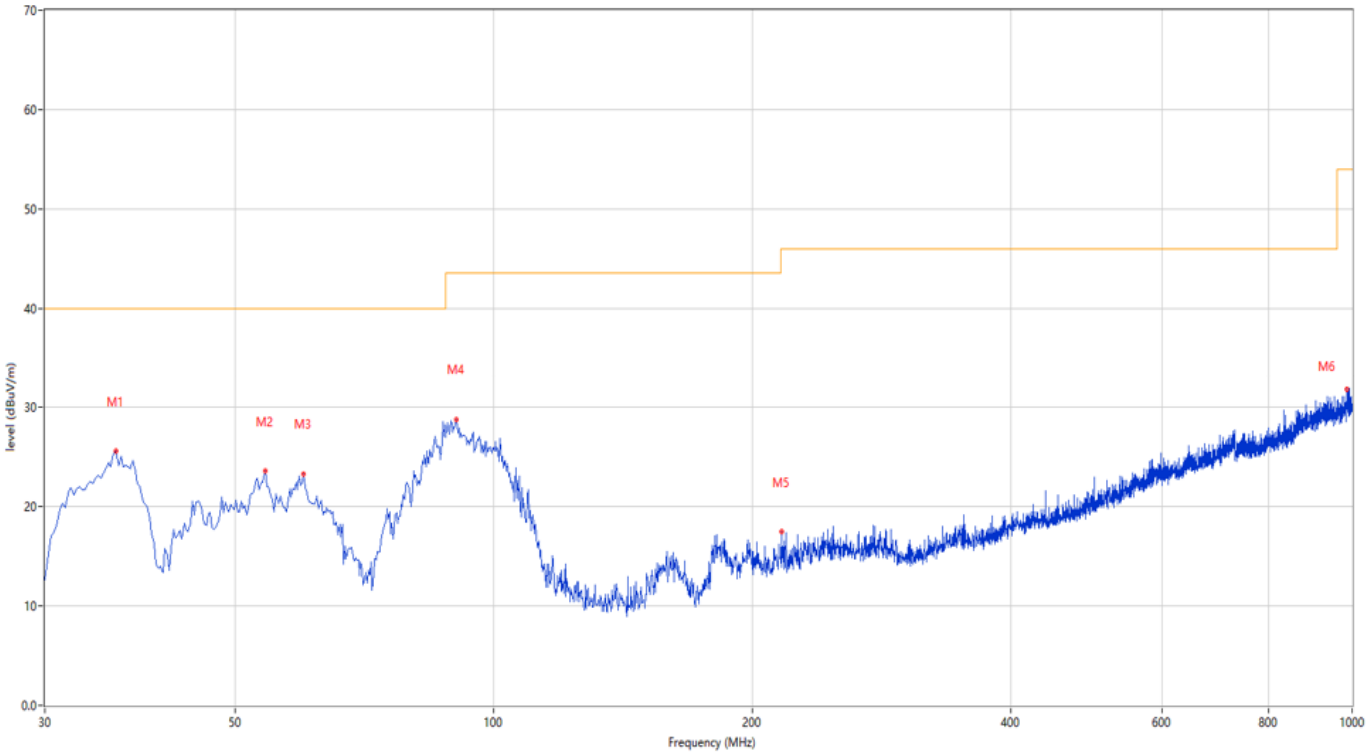
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	8853.037	36.47	5.30	74.0	-37.53	Peak	231.60	100	Horizontal	Pass
1**	8853.037	25.84	5.30	54.0	-28.16	AV	231.60	100	Horizontal	Pass
2	9908.773	40.39	9.83	74.0	-33.61	Peak	0.60	100	Horizontal	Pass
2**	9908.773	30.40	9.83	54.0	-23.60	AV	0.60	100	Horizontal	Pass
3	11261.435	44.03	12.04	74.0	-29.97	Peak	314.90	100	Horizontal	Pass
3**	11261.435	32.71	12.04	54.0	-21.29	AV	314.90	100	Horizontal	Pass
4	11902.024	43.95	11.96	74.0	-30.05	Peak	1.60	100	Horizontal	Pass
4**	11902.024	32.96	11.96	54.0	-21.04	AV	1.60	100	Horizontal	Pass
5	14183.954	50.73	19.63	74.0	-23.27	Peak	73.00	100	Horizontal	Pass
5**	14183.954	40.86	19.63	54.0	-13.14	AV	73.00	100	Horizontal	Pass
6	17978.005	58.35	26.56	74.0	-15.65	Peak	6.80	100	Horizontal	Pass
6**	17978.005	48.48	26.56	54.0	-5.52	AV	6.80	100	Horizontal	Pass

Figure 35: The plots of Radiated Emission, 2440MHz,7GHz-18GHz, Vertical polarization



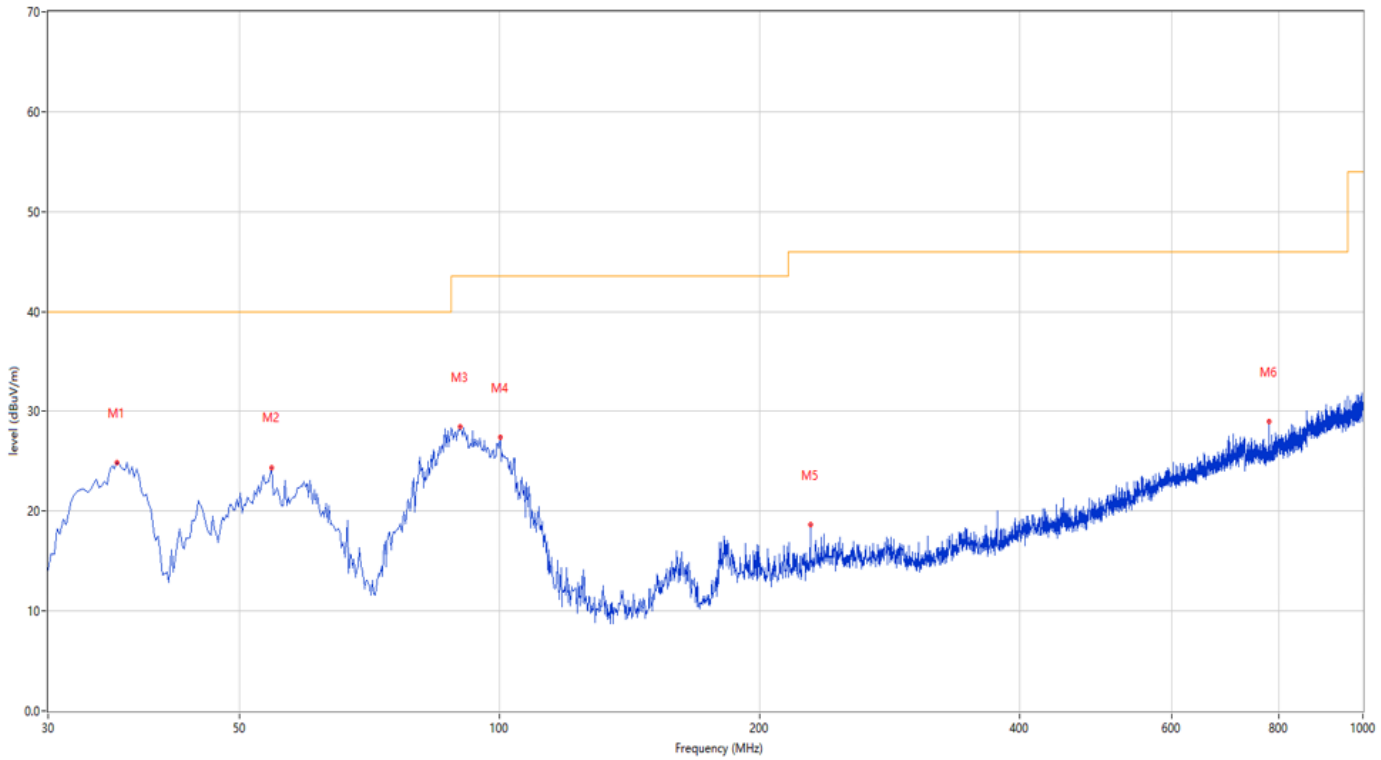
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	7923.769	33.78	3.16	74.0	-40.22	Peak	105.80	100	Vertical	Pass
1**	7923.769	24.01	3.16	54.0	-29.99	AV	105.80	100	Vertical	Pass
2	8490.127	35.11	3.81	74.0	-38.89	Peak	232.30	100	Vertical	Pass
2**	8490.127	24.03	3.81	54.0	-29.97	AV	232.30	100	Vertical	Pass
3	10931.517	43.27	11.13	74.0	-30.73	Peak	114.70	100	Vertical	Pass
3**	10931.517	31.69	11.13	54.0	-22.31	AV	114.70	100	Vertical	Pass
4	11489.628	43.65	11.88	74.0	-30.35	Peak	333.90	100	Vertical	Pass
4**	11489.628	32.80	11.88	54.0	-21.20	AV	333.90	100	Vertical	Pass
5	14192.202	50.98	19.67	74.0	-23.02	Peak	66.30	100	Vertical	Pass
5**	14192.202	40.95	19.67	54.0	-13.05	AV	66.30	100	Vertical	Pass
6	17991.752	59.31	27.41	74.0	-14.69	Peak	189.50	100	Vertical	Pass
6**	17991.752	48.89	27.41	54.0	-5.11	AV	189.50	100	Vertical	Pass

Figure 36: The plots of Radiated Emission, 2480MHz,30MHz-1GHz, Horizontal polarization



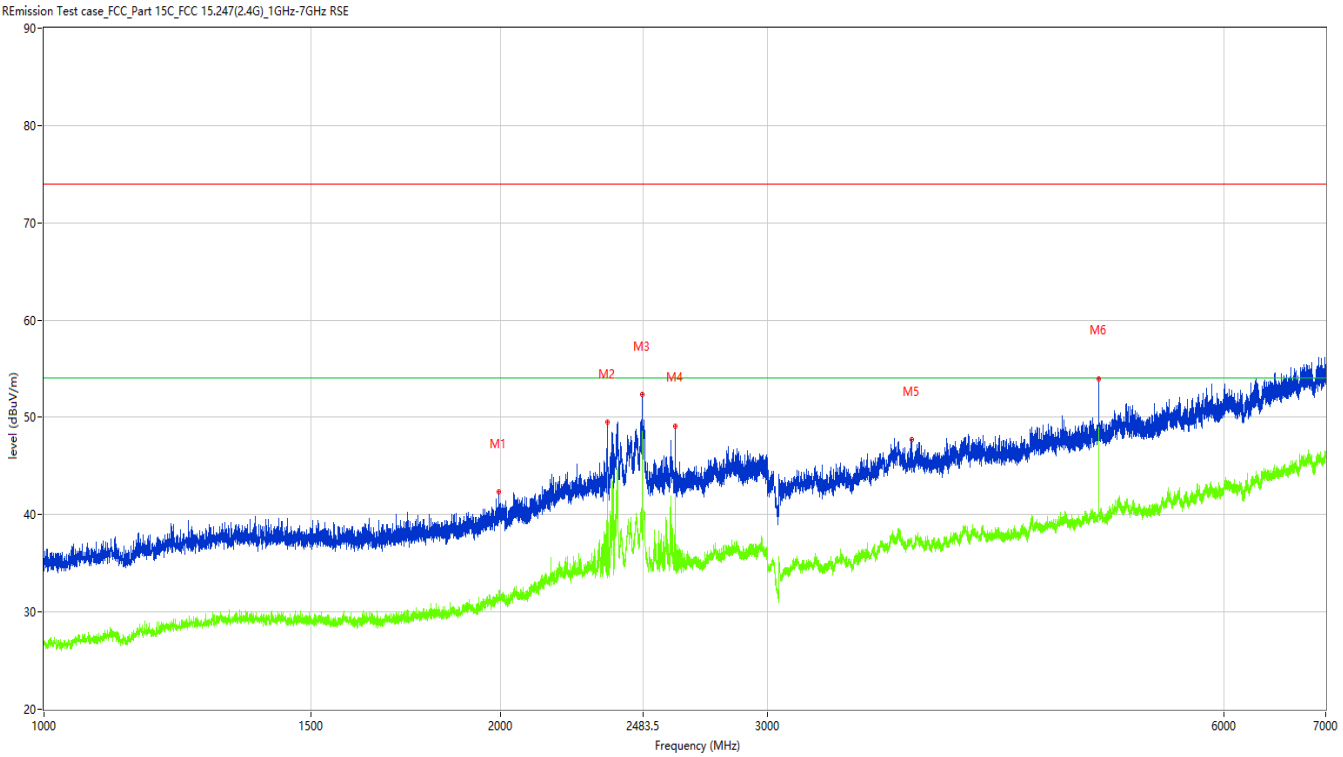
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	36.303	25.58	-27.61	40.0	-14.42	Peak	303.30	100	Horizontal	Pass
2	54.244	23.57	-25.31	40.0	-16.43	Peak	360.00	100	Horizontal	Pass
3	60.062	23.32	-26.30	40.0	-16.68	Peak	0.00	150	Horizontal	Pass
4	90.367	28.80	-28.64	43.5	-14.70	Peak	285.80	100	Horizontal	Pass
5	216.193	17.46	-26.53	46.0	-28.54	Peak	256.00	150	Horizontal	Pass
6	986.181	31.78	-8.69	54.0	-22.22	Peak	0.00	150	Horizontal	Pass

Figure 37: The plots of Radiated Emission, 2480MHz,30MHz-1GHz, Vertical polarization



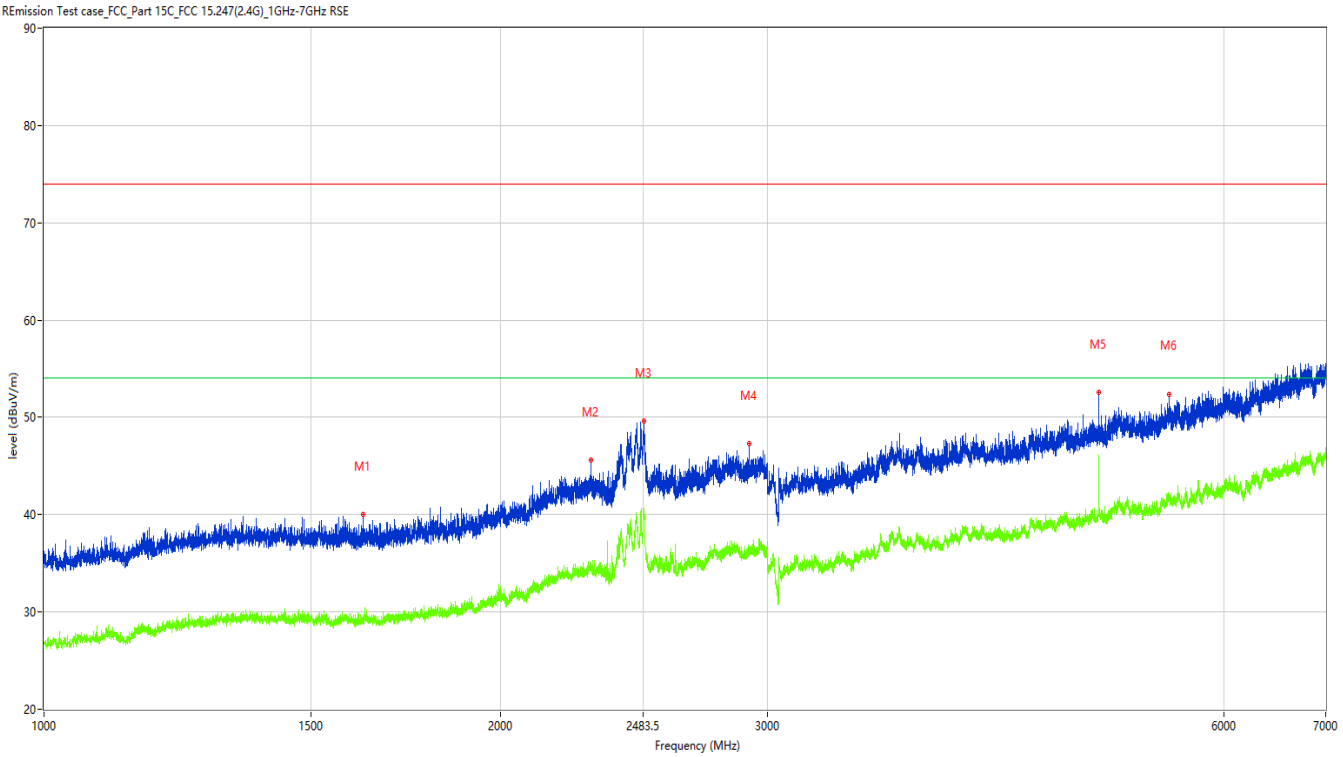
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	36.061	24.87	-27.69	40.0	-15.13	Peak	358.90	100	Vertical	Pass
2	54.486	24.39	-25.34	40.0	-15.61	Peak	359.50	100	Vertical	Pass
3	90.125	28.43	-28.70	43.5	-15.07	Peak	273.20	100	Vertical	Pass
4	100.307	27.36	-26.64	43.5	-16.14	Peak	153.30	100	Vertical	Pass
5	229.043	18.61	-25.84	46.0	-27.39	Peak	228.10	100	Vertical	Pass
6	779.138	28.95	-12.60	46.0	-17.05	Peak	360.00	200	Vertical	Pass

Figure 38: The plots of Radiated Emission, 2480MHz,1GHz-7GHz, Horizontal polarization



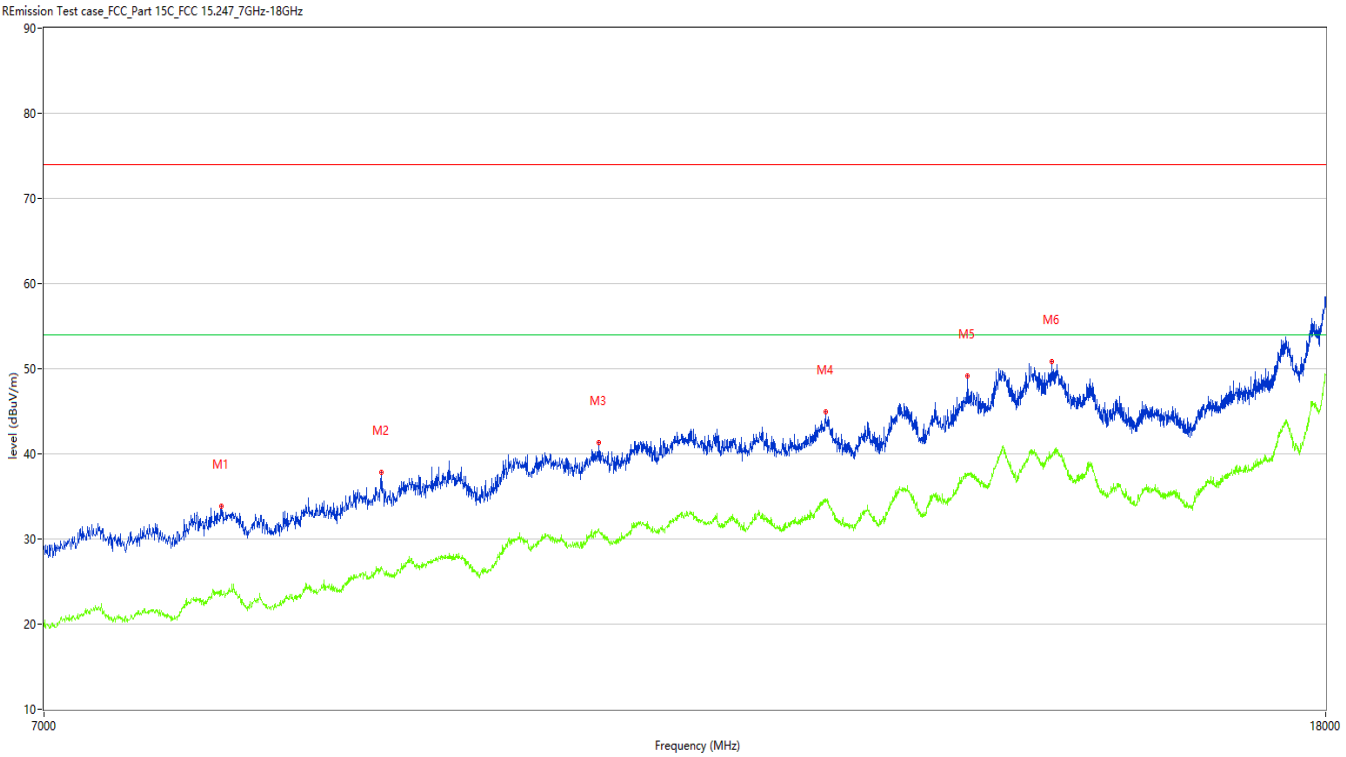
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1993.376	42.38	-11.02	74.0	-31.62	Peak	80.80	100	Horizontal	Pass
1**	1993.376	31.38	-11.02	54.0	-22.62	AV	80.80	100	Horizontal	Pass
2	2351.581	49.51	-8.02	74.0	-24.49	Peak	330.10	100	Horizontal	Pass
2**	2351.581	44.29	-8.02	54.0	-9.71	AV	330.10	100	Horizontal	Pass
3	2479.565	52.35	-2.01	74.0	-21.65	Peak	185.30	100	Horizontal	Pass
3**	2479.565	48.58	-2.01	54.0	-5.42	AV	185.30	100	Horizontal	Pass
4	2607.799	49.14	-6.11	74.0	-24.86	Peak	298.80	100	Horizontal	Pass
4**	2607.799	41.80	-6.11	54.0	-12.20	AV	298.80	100	Horizontal	Pass
5	3732.408	47.72	-1.96	74.0	-26.28	Peak	126.80	100	Horizontal	Pass
5**	3732.408	37.11	-1.96	54.0	-16.89	AV	126.80	100	Horizontal	Pass
6	4959.255	53.96	0.22	74.0	-20.04	Peak	306.20	100	Horizontal	Pass
6**	4959.255	48.57	0.22	54.0	-5.43	AV	306.20	100	Horizontal	Pass

Figure 39: The plots of Radiated Emission, 2480MHz,1GHz-7GHz, Vertical polarization



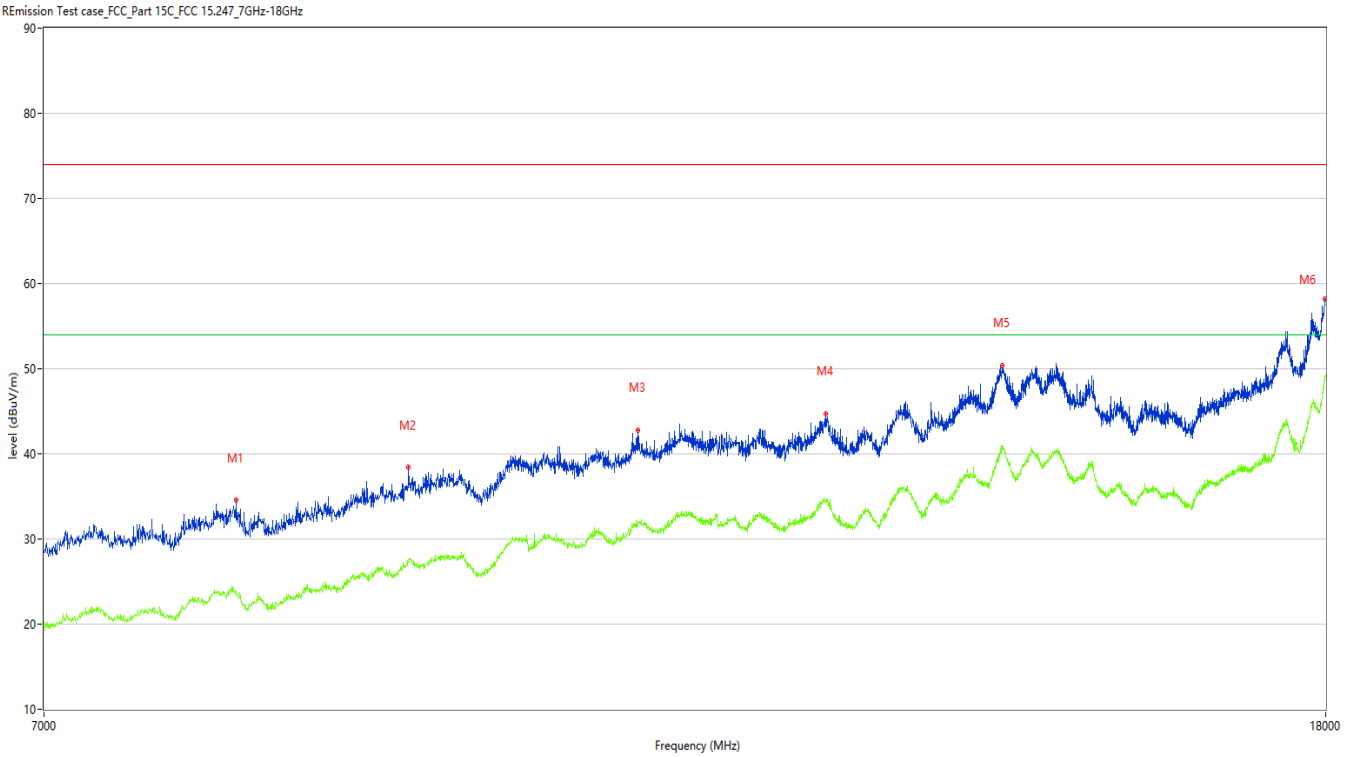
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1624.172	40.01	-12.99	74.0	-33.99	Peak	349.90	100	Vertical	Pass
1**	1624.172	29.10	-12.99	54.0	-24.90	AV	349.90	100	Vertical	Pass
2	2293.838	45.61	-7.36	74.0	-28.39	Peak	318.70	100	Vertical	Pass
2**	2293.838	34.58	-7.36	54.0	-19.42	AV	318.70	100	Vertical	Pass
3	2487.564	49.57	-1.89	74.0	-24.43	Peak	59.00	100	Vertical	Pass
3**	2487.564	40.24	-1.89	54.0	-13.76	AV	59.00	100	Vertical	Pass
4	2918.760	47.27	-4.11	74.0	-26.73	Peak	349.90	100	Vertical	Pass
4**	2918.760	36.21	-4.11	54.0	-17.79	AV	349.90	100	Vertical	Pass
5	4959.255	52.54	0.22	74.0	-21.46	Peak	92.20	100	Vertical	Pass
5**	4959.255	46.13	0.22	54.0	-7.87	AV	92.20	100	Vertical	Pass
6	5517.685	52.40	1.48	74.0	-21.60	Peak	360.30	100	Vertical	Pass
6**	5517.685	41.47	1.48	54.0	-12.53	AV	360.30	100	Vertical	Pass

Figure 40: The plots of Radiated Emission, 2480MHz,7GHz-18GHz, Horizontal polarization



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	7976.006	33.85	3.62	74.0	-40.15	Peak	9.80	100	Horizontal	Pass
1**	7976.006	23.94	3.62	54.0	-30.06	AV	9.80	100	Horizontal	Pass
2	8976.756	37.79	8.04	74.0	-36.21	Peak	284.80	100	Horizontal	Pass
2**	8976.756	26.55	8.04	54.0	-27.45	AV	284.80	100	Horizontal	Pass
3	10538.365	41.27	10.27	74.0	-32.73	Peak	5.20	100	Horizontal	Pass
3**	10538.365	31.04	10.27	54.0	-22.96	AV	5.20	100	Horizontal	Pass
4	12449.138	44.90	12.50	74.0	-29.10	Peak	316.80	100	Horizontal	Pass
4**	12449.138	34.36	12.50	54.0	-19.64	AV	316.80	100	Horizontal	Pass
5	13826.543	49.13	15.11	74.0	-24.87	Peak	50.30	100	Horizontal	Pass
5**	13826.543	37.56	15.11	54.0	-16.44	AV	50.30	100	Horizontal	Pass
6	14714.571	50.83	18.29	74.0	-23.17	Peak	360.00	100	Horizontal	Pass
6**	14714.571	39.73	18.29	54.0	-14.27	AV	360.00	100	Horizontal	Pass

Figure 41: The plots of Radiated Emission, 2480MHz,7GHz-18GHz, Vertical polarization



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	8063.984	34.58	4.22	74.0	-39.42	Peak	0.00	100	Vertical	Pass
1**	8063.984	23.80	4.22	54.0	-30.20	AV	0.00	100	Vertical	Pass
2	9158.210	38.39	7.43	74.0	-35.61	Peak	27.60	100	Vertical	Pass
2**	9158.210	27.23	7.43	54.0	-26.77	AV	27.60	100	Vertical	Pass
3	10846.288	42.80	11.11	74.0	-31.20	Peak	262.40	100	Vertical	Pass
3**	10846.288	32.00	11.11	54.0	-22.00	AV	262.40	100	Vertical	Pass
4	12451.887	44.70	12.51	74.0	-29.30	Peak	334.60	100	Vertical	Pass
4**	12451.887	34.30	12.51	54.0	-19.70	AV	334.60	100	Vertical	Pass
5	14186.703	50.42	19.72	74.0	-23.58	Peak	262.40	100	Vertical	Pass
5**	14186.703	40.95	19.72	54.0	-13.05	AV	262.40	100	Vertical	Pass
6	17991.752	58.22	27.41	74.0	-15.78	Peak	86.40	100	Vertical	Pass
6**	17991.752	48.73	27.41	54.0	-5.27	AV	86.40	100	Vertical	Pass

4.1.7 Band Edge (Restricted-band band-edge)

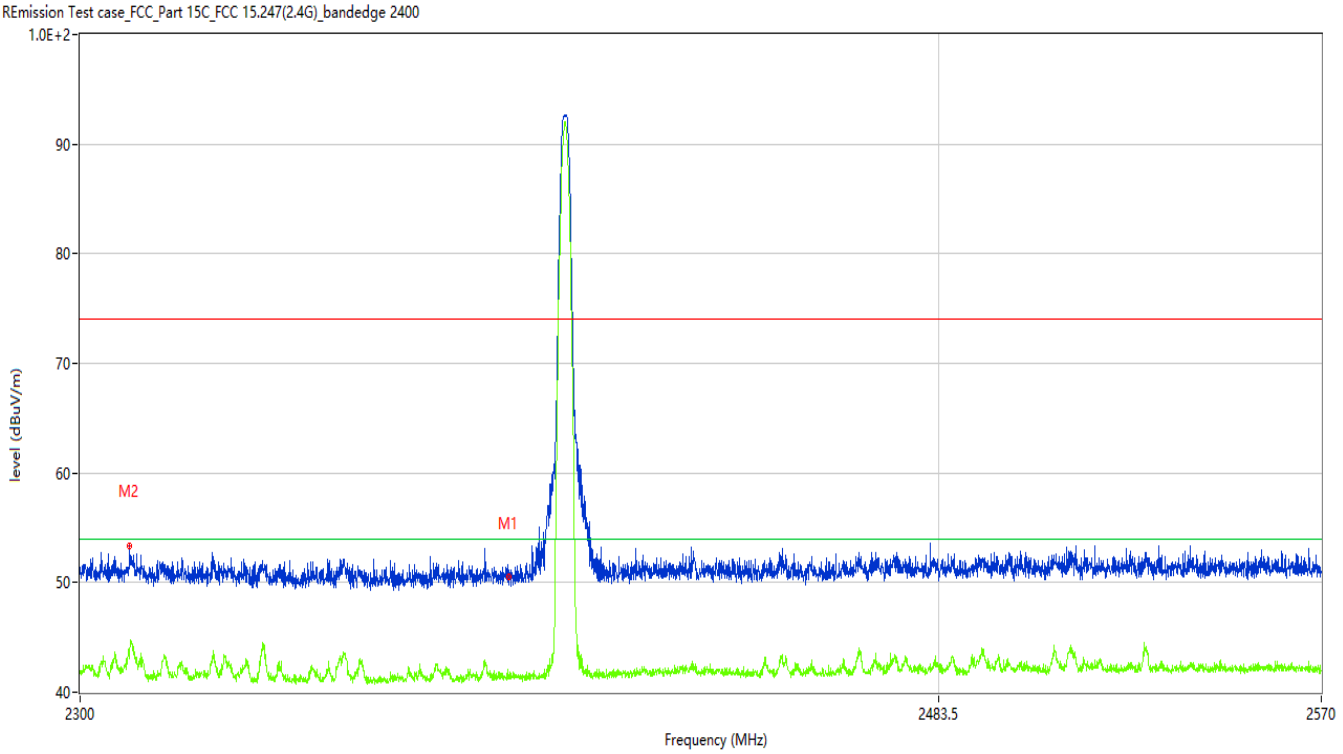
RESULT: **PASS**

Test standard	:	FCC Part 15.247(d), 15.205, 15.209 RSS-GEN 8.10
Requirement	:	ANSI C63.10-2013 clause 11.13, KDB 558074 clause 8.7
Kind of test site	:	3m Semi-Anechoic Chamber

Test setup

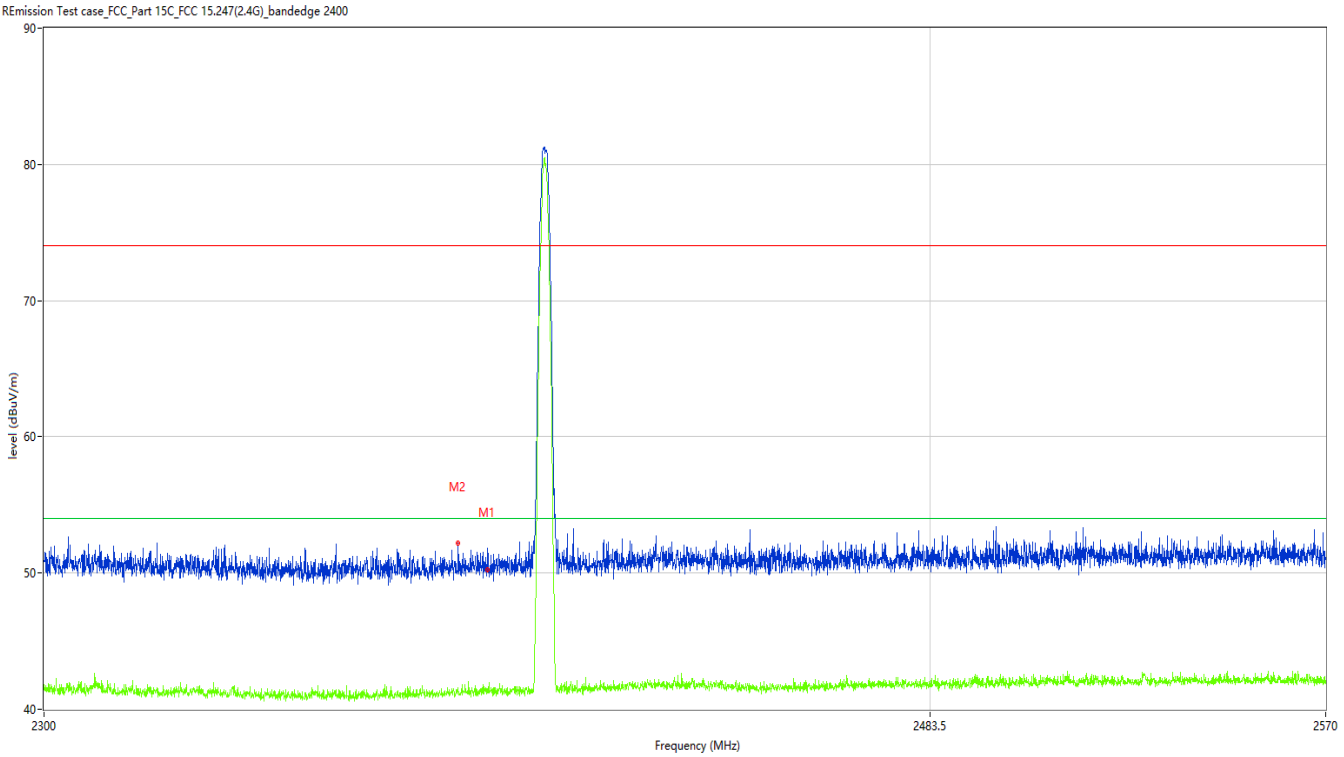
Test Channel	:	Low/High
Operation Mode	:	A.1.a
Ambient temperature	:	25°C
Relative humidity	:	53%

Figure 42: The plots of Band Edge, 2402MHz, Horizontal Polarization



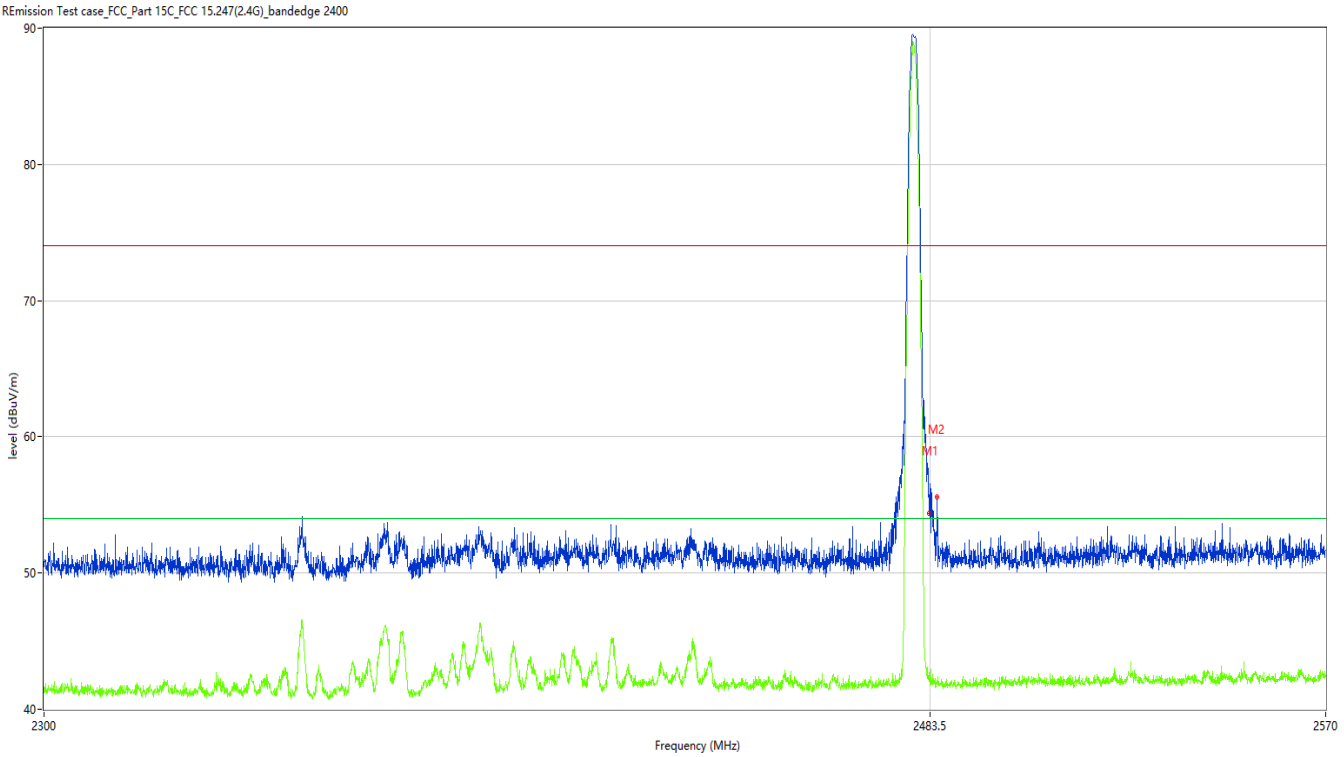
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2390.000	50.36	-9.96	74.0	-23.64	Peak	204.45	100	Horizontal	Pass
1**	2390.000	41.35	-9.96	54.0	-12.65	AV	204.45	100	Horizontal	Pass
2	2310.257	53.38	-10.13	74.0	-20.62	Peak	304.40	100	Horizontal	Pass
2**	2310.257	43.96	-10.13	54.0	-10.04	AV	304.40	100	Horizontal	Pass

Figure 43: The plots of Band Edge, 2402MHz, Vertical Polarization



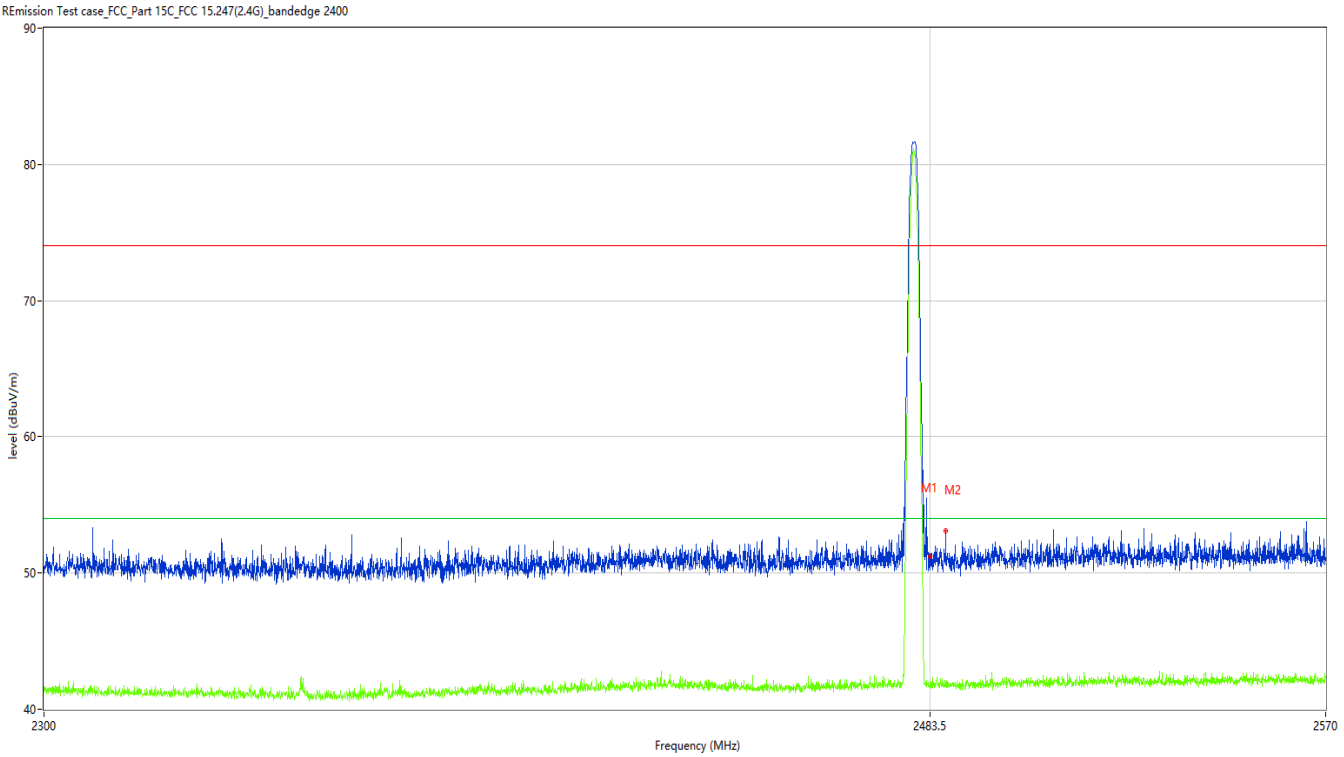
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2390.000	50.34	-9.96	74.0	-23.66	Peak	318.96	100	Vertical	Pass
1**	2390.000	41.30	-9.96	54.0	-12.70	AV	318.96	100	Vertical	Pass
2	2384.016	52.21	-10.05	74.0	-21.79	Peak	271.40	100	Vertical	Pass
2**	2384.016	41.41	-10.05	54.0	-12.59	AV	271.40	100	Vertical	Pass

Figure 44: The plots of Band Edge, 2480MHz, Horizontal Polarization



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.500	54.46	-9.51	74.0	-19.54	Peak	179.33	100	Horizontal	Pass
1**	2483.500	41.99	-9.51	54.0	-12.01	AV	179.33	100	Horizontal	Pass
2	2484.971	55.61	-9.52	74.0	-18.39	Peak	331.60	100	Horizontal	Pass
2**	2484.971	41.86	-9.52	54.0	-12.14	AV	331.60	100	Horizontal	Pass

Figure 45: The plots of Band Edge, 2480MHz, Vertical Polarization



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.500	51.25	-9.51	74.0	-22.75	Peak	157.02	100	Vertical	Pass
1**	2483.500	42.01	-9.51	54.0	-11.99	AV	157.02	100	Vertical	Pass
2	2486.793	53.10	-9.53	74.0	-20.90	Peak	154.90	100	Vertical	Pass
2**	2486.793	41.68	-9.53	54.0	-12.32	AV	154.90	100	Vertical	Pass

4.2 Mains Emissions

4.2.1 Conducted Emission on AC Mains

RESULT: **PASS**

Test standard	:	FCC Part 15.207(a), RSS-Gen 8.8
Requirement	:	ANSI C63.10-2013 clause 6.2
Kind of test site	:	Shielded room

Test setup

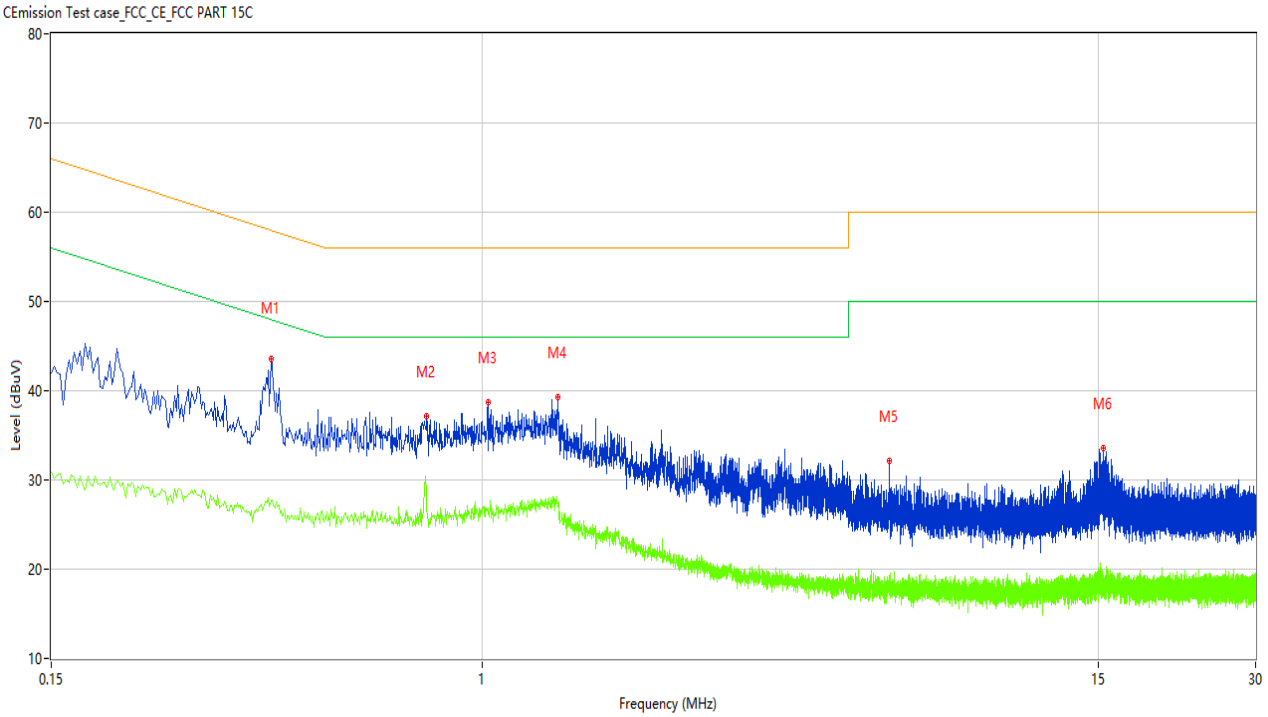
Input Voltage	:	DC 29V supply by power adapter (which received AC 120V, 60Hz)
Operation Mode	:	A.2
Earthing	:	Not Connected
Ambient temperature	:	23.6°C
Relative humidity	:	57%

For details refer to following test plot.

Note:

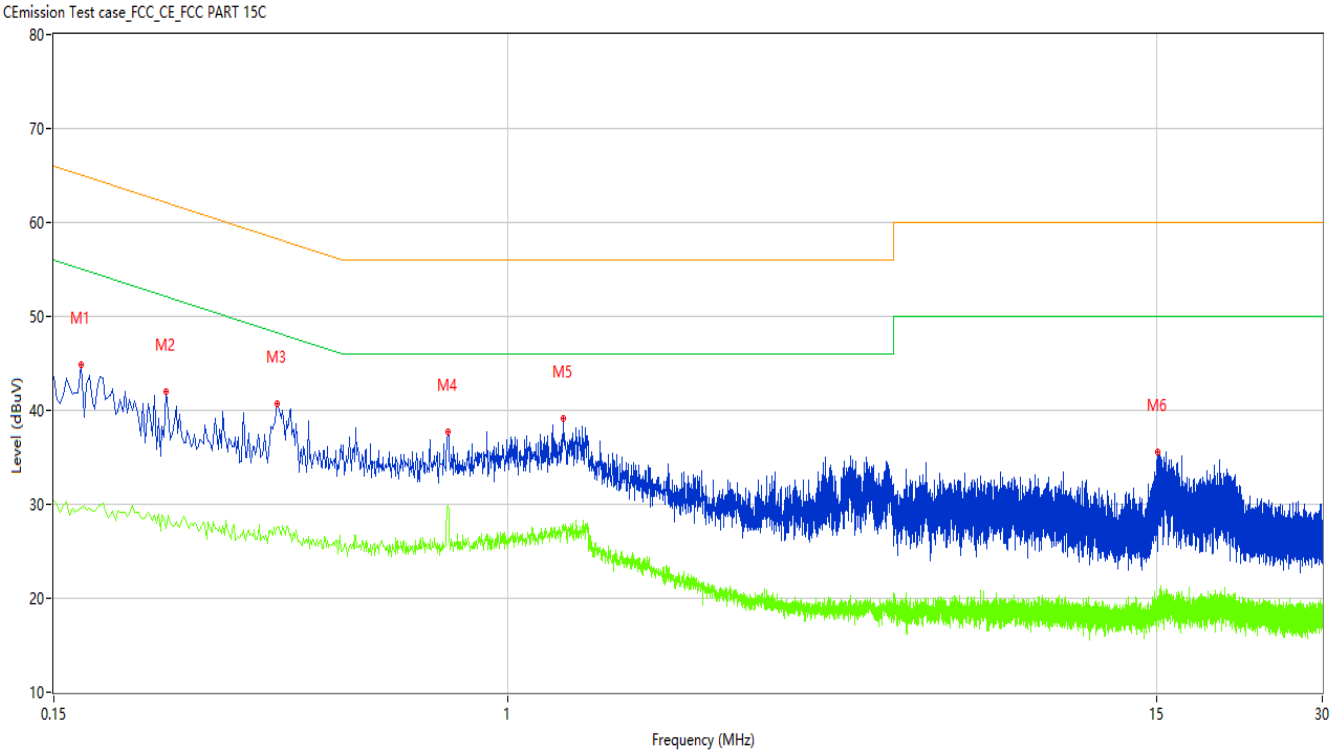
The all configurations were tested respectively, but only the worst configuration shown here.

Figure 46: Conducted Emission on AC Mains, L Phase



No.	Frequency (MHz)	Results (dBuV)	Factor (dB)	Limit (dBuV)	Over Limit (dB)	Detector	Line	Verdict
1	0.394	43.18	10.23	57.98	-14.80	Peak	L	Pass
1*	0.394	38.68	10.23	57.98	-19.30	QP	L	Pass
1**	0.394	27.74	10.23	47.98	-20.24	AV	L	Pass
2	0.782	31.87	10.19	56.00	-24.13	Peak	L	Pass
2*	0.782	23.93	10.19	56.00	-32.07	QP	L	Pass
2**	0.782	27.02	10.19	46.00	-18.98	AV	L	Pass
3	1.024	34.62	10.13	56.00	-21.38	Peak	L	Pass
3*	1.024	27.49	10.13	56.00	-28.51	QP	L	Pass
3**	1.024	26.85	10.13	46.00	-19.15	AV	L	Pass
4	1.392	33.87	10.15	56.00	-22.13	Peak	L	Pass
4*	1.392	27.27	10.15	56.00	-28.73	QP	L	Pass
4**	1.392	27.26	10.15	46.00	-18.74	AV	L	Pass
5	5.988	26.72	10.38	60.00	-33.28	Peak	L	Pass
5*	5.988	20.40	10.38	60.00	-39.60	QP	L	Pass
5**	5.988	17.44	10.38	50.00	-32.56	AV	L	Pass
6	15.332	32.96	10.74	60.00	-27.04	Peak	L	Pass
6*	15.332	24.81	10.74	60.00	-35.19	QP	L	Pass
6**	15.332	18.22	10.74	50.00	-31.78	AV	L	Pass

Figure 47: Conducted Emission on AC Mains, N Phase



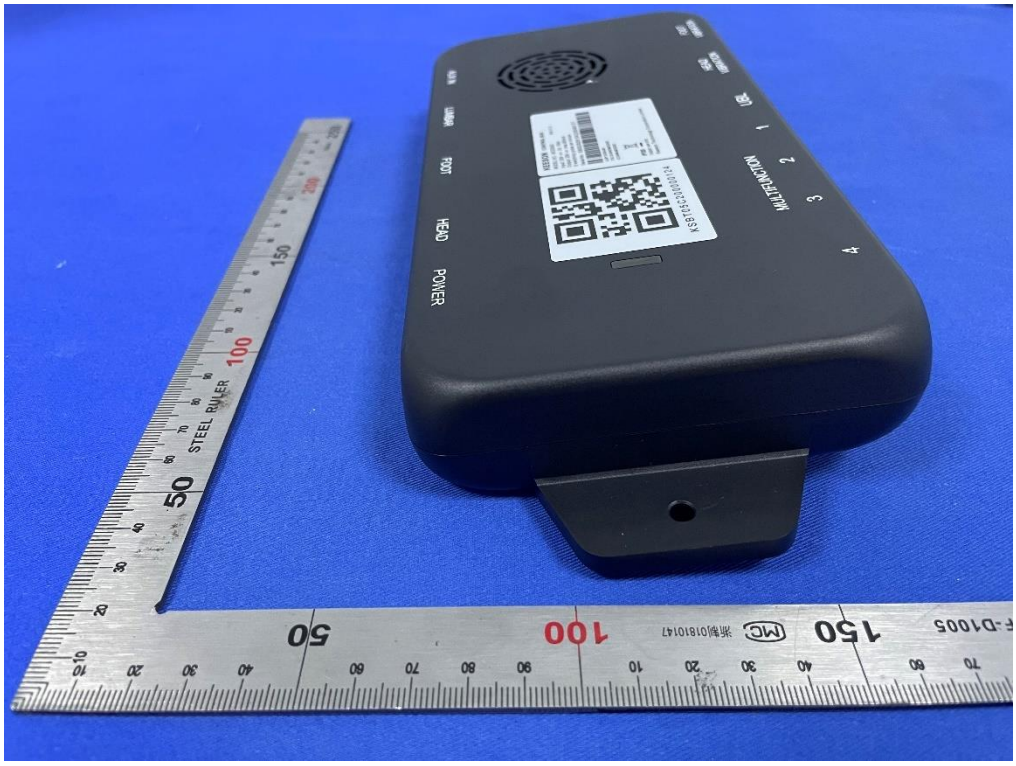
No.	Frequency (MHz)	Results (dBuV)	Factor (dB)	Limit (dBuV)	Over Limit (dB)	Detector	Line	Verdict
1	0.164	47.47	10.20	65.26	-17.79	Peak	N	Pass
1*	0.164	37.98	10.20	65.26	-27.28	QP	N	Pass
1**	0.164	29.08	10.20	55.26	-26.18	AV	N	Pass
2	0.240	41.59	10.21	62.10	-20.51	Peak	N	Pass
2*	0.240	30.66	10.21	62.10	-31.44	QP	N	Pass
2**	0.240	27.36	10.21	52.10	-24.74	AV	N	Pass
3	0.382	41.81	10.22	58.24	-16.43	Peak	N	Pass
3*	0.382	35.54	10.22	58.24	-22.70	QP	N	Pass
3**	0.382	27.59	10.22	48.24	-20.65	AV	N	Pass
4	0.778	32.85	10.19	56.00	-23.15	Peak	N	Pass
4*	0.778	26.13	10.19	56.00	-29.87	QP	N	Pass
4**	0.778	29.86	10.19	46.00	-16.14	AV	N	Pass
5	1.262	32.11	10.14	56.00	-23.89	Peak	N	Pass
5*	1.262	24.04	10.14	56.00	-31.96	QP	N	Pass
5**	1.262	27.27	10.14	46.00	-18.73	AV	N	Pass
6	15.062	33.67	10.71	60.00	-26.33	Peak	N	Pass
6*	15.062	26.66	10.71	60.00	-33.34	QP	N	Pass
6**	15.062	19.75	10.71	50.00	-30.25	AV	N	Pass

5 Appendixes

5.1 Photographs of the Sample

Front of the sample

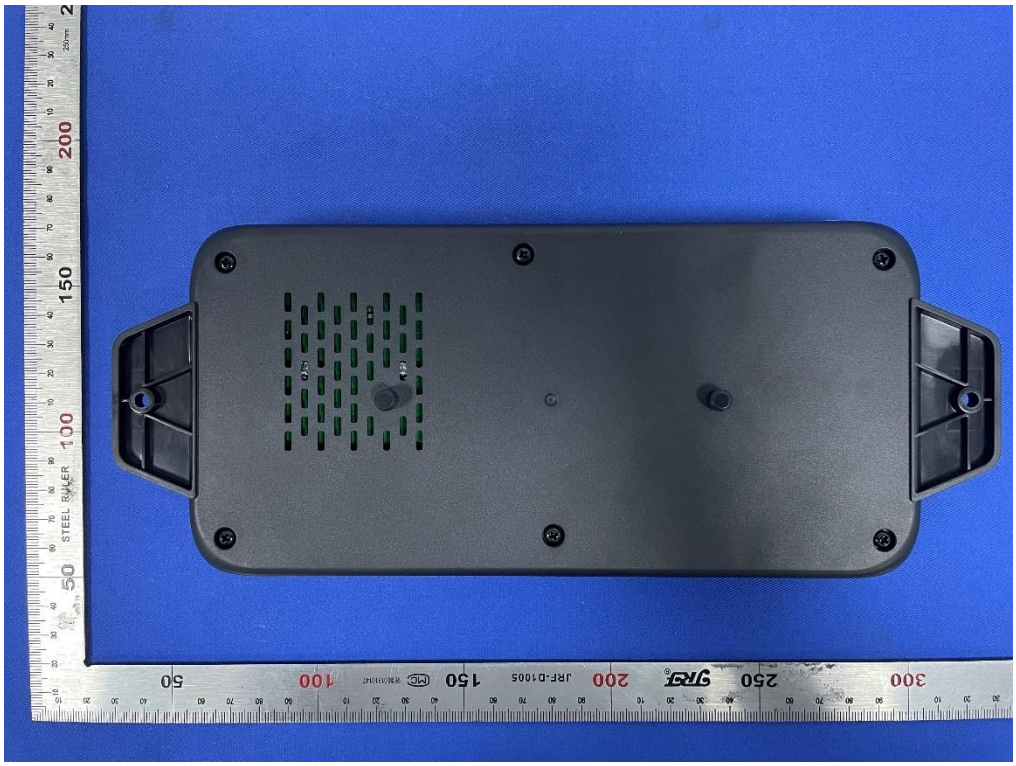
Rear of the sample



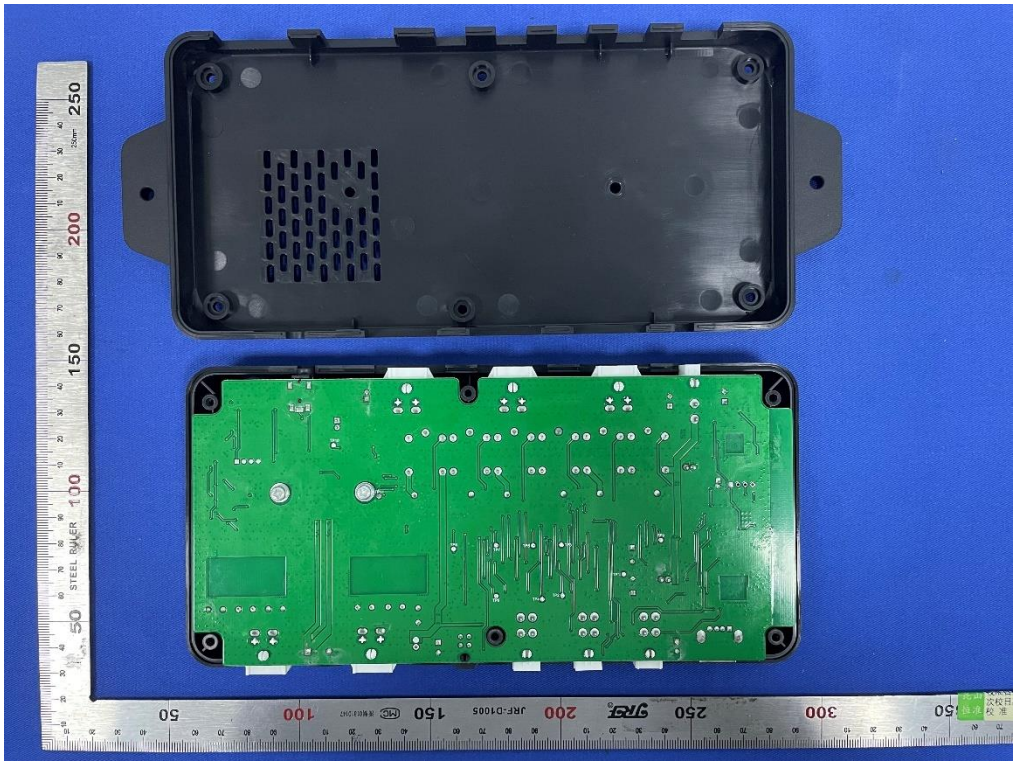
Left of the sample

Right of the sample

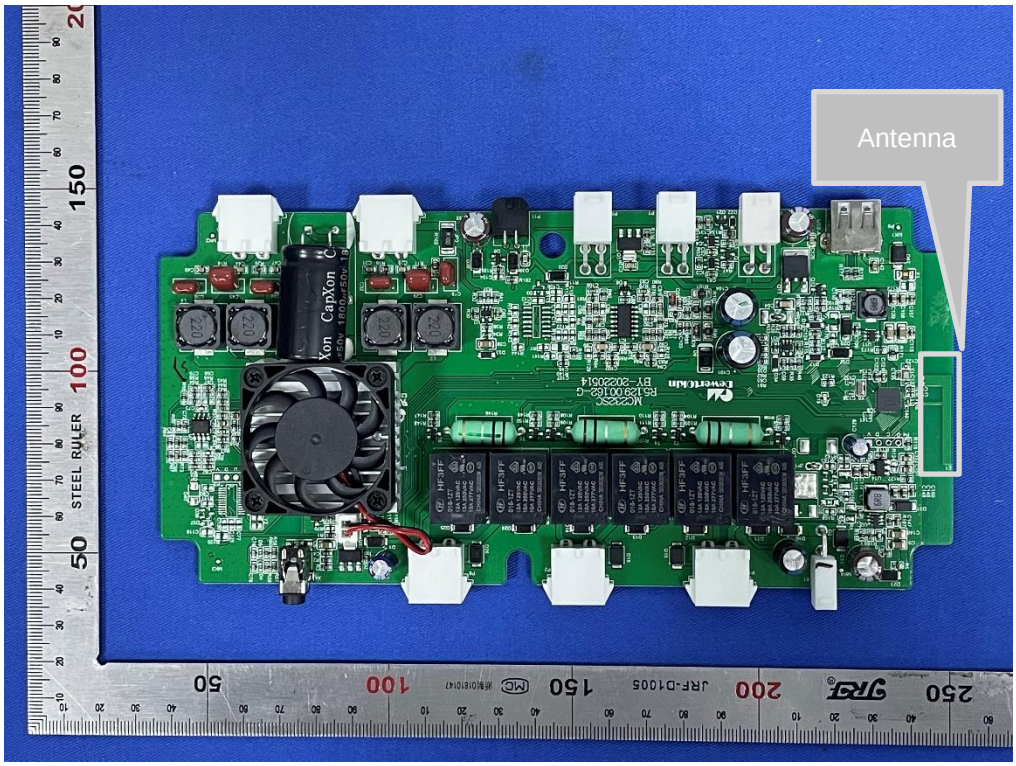
Top of the sample



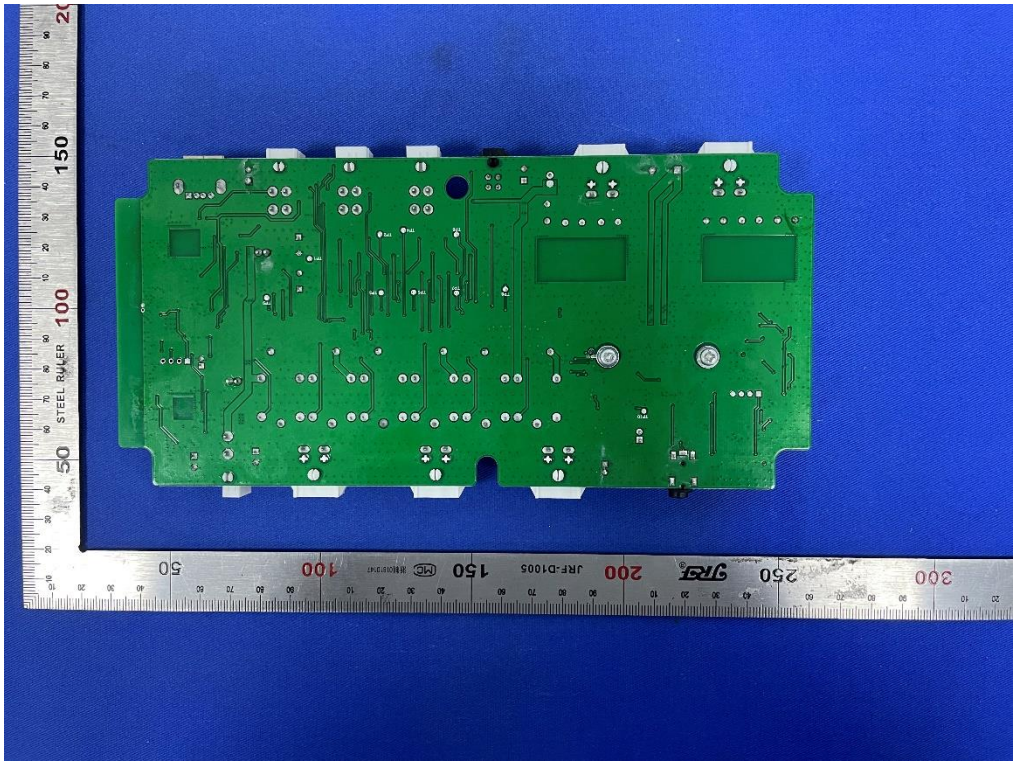
Bottom of the sample



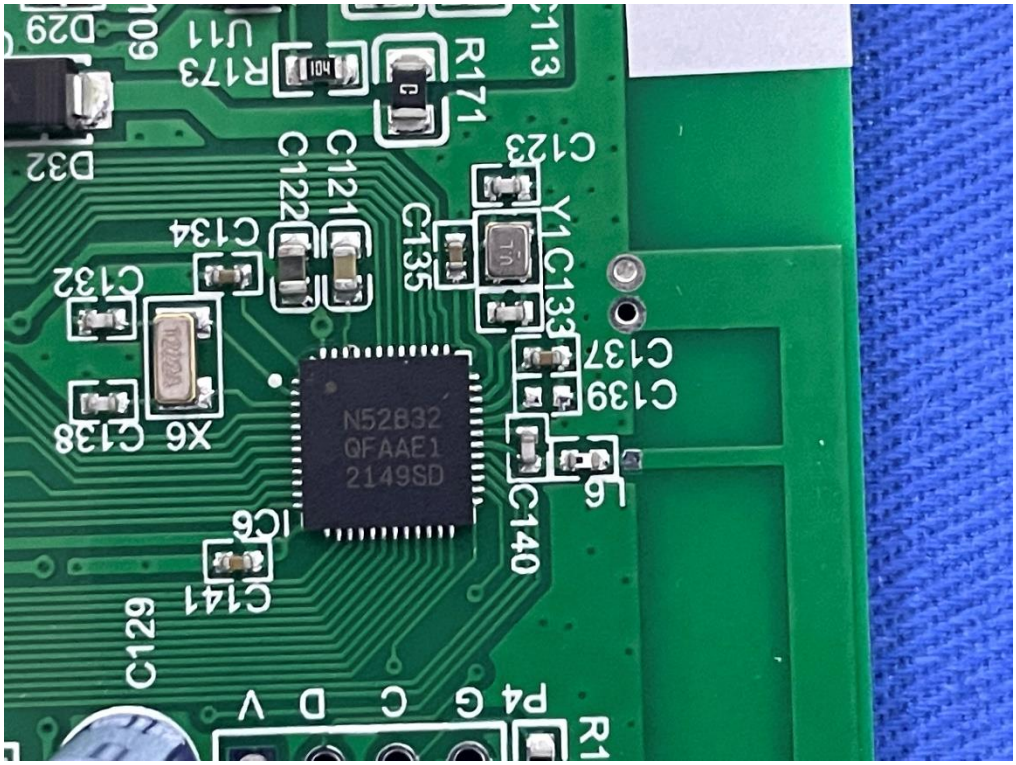
Open of the sample



Internal-1 of the sample



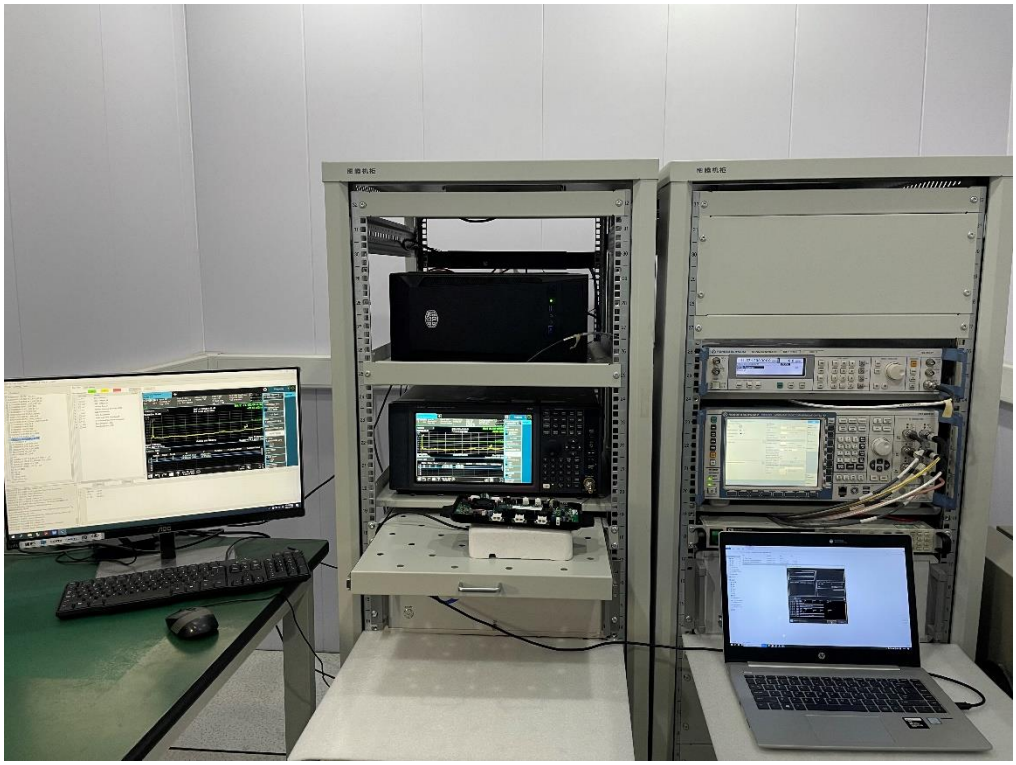
Internal-2 of the sample



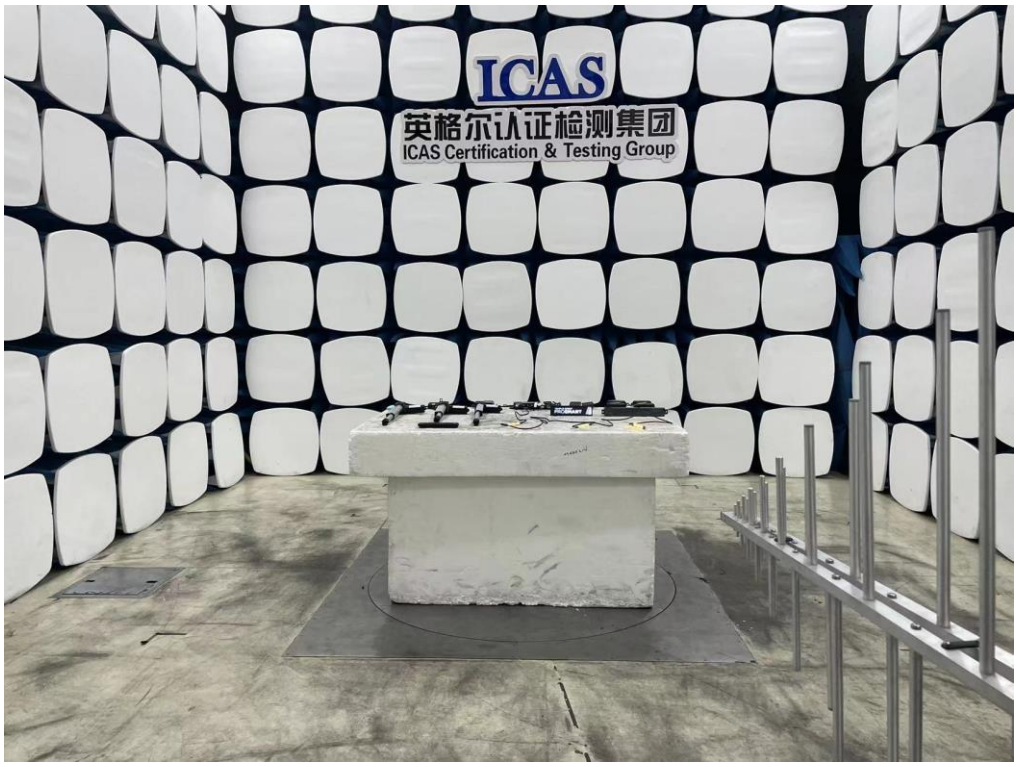
Internal-3 of the sample

5.2 Set-up for Conducted Emissions

5.3 Set-up for Conducted RF test at Antenna Port



5.4 Set-up for Spurious Emissions below 1GHz



5.5 Set-up for Spurious Emissions above 1GHz

End of the report