TEST REPORT

Applicant:	Adept Industries Limited
Address:	9-10.20F, Mega Trade Center,1MeiWan ST. Tsuen Wan HongKong, China
Equipment Type:	Wireless follow sensor
Model Name:	Sidekick 1.0
Brand Name:	ALPHARD
FCC ID:	2ANDF-WFSMAIN
Test Standard:	47 CFR Part 15, Subpart C (refer section 3.1)
Sample Arrival Date:	Oct. 19, 2022
Test Date:	Oct. 25, 2022 - Dec. 14, 2022
Date of Issue:	Dec. 15, 2022

ISSUED BY:

Shenzhen BALUN Technology Co., Ltd.

Tested by: Yu Yingyuan **Checked by:** Ye Hongji **Approved by:** Liao Jianming (Technical Director)

Revision History

Version	Issue Date	Revisions
Rev. 01	Dec. 15, 2022	Initial Issue

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1 GENERAL INFORMATION

1.1 Test Laboratory

Name	Shenzhen BALUN Technology Co., Ltd.
Address	Block B, 1/F, Baisha Science and Technology Park, Shahe Xi Road, Nanshan District, Shenzhen, Guangdong Province, P. R. China
Phone Number	+86 755 6685 0100

1.2 Test Location

Name	Shenzhen BALUN Technology Co., Ltd.
Location	☑ Block B, 1/F, Baisha Science and Technology Park, Shahe Xi Road, Nanshan District, Shenzhen, Guangdong Province, P. R. China
	☐ 1/F, Building B, Ganghongji High-tech Intelligent Industrial Park, No. 1008, Songbai Road, Yangguang Community, Xili Sub-district, Nanshan District, Shenzhen, Guangdong Province, P. R. China
Accreditation Certificate	The laboratory is a testing organization accredited by FCC as a accredited testing laboratory. The designation number is CN1196.

2 PRODUCT INFORMATION

2.1 Applicant Information

Applicant	Adept Industries Limited
Address	9-10.20F, Mega Trade Center,1MeiWan ST. Tsuen Wan HongKong, China

2.2 Manufacturer Information

Manufacturer	GuangZhou Prominent Industrial Co., Ltd
Address	Room 401, Jinkeng Industrial Road, Nancun Village, Panyu District, Guangzhou, Guangdong 511400, China

2.3 Factory Information

Factory	N/A
Address	N/A

2.4 General Description for Equipment under Test (EUT)

EUT Name	Wireless follow sensor
Model Name Under Test	Sidekick 1.0
Series Model Name	N/A
Description of Model name differentiation	N/A
Hardware Version	5.0
Software Version	1.0
Dimensions (Approx.)	N/A
Weight (Approx.)	N/A

2.5 Technical Information

Network and Wireless connectivity	Bluetooth (BLE), UWB

The requirement for the following technical information of the EUT was tested in this report:

Modulation Type	BPSK
Product Type	☐ Mobile ☒ Portable ☐ Fix Location
Operating Frequency	6.24GHz-6.7392GHz
Antenna Type	PCB Antenna
Antenna Gain	3.673 dBi

All channel was listed on the following table:

Channel number	Freq. (MHz)
CH5	6489.7

Note: The above EUT information in section 2.4 and 2.5 was declared by manufacturer and for more detailed features description, please refer to the manufacturer's specifications or user's manual.

3 SUMMARY OF TEST RESULTS

3.1 Test Standards

No.	Identity	Document Title
1	47 CFR Part 15, Subpart C	Miscellaneous Wireless Communications Services
2	ANSI C63.10-2013	American National Standard for Testing Unlicensed Wireless Devices

3.2 Test Verdict

No.	Description	FCC Part No.	Test Result	Verdict	Remark
1	Antenna Requirement	15.203	--	Pass	Note [1]
2	10 dB Bandwidth	15.250(a)&(b)	ANNEX A.1	Pass	--
3	Frequency Stability	15.250(a)	ANNEX A.2	Pass	--
4	AC Conducted Emission	15.207	ANNEX A.3	Pass	--
5	Radiated Emissions	15.250(d)&15.209	ANNEX A.4	Pass	--
6	Peak Emissions within a 50 MHz Bandwidth	15.250(d)(3)	ANNEX A.5	Pass	--
Note: The EUT has a permanently and irreplaceable attached antenna, which complies with the requirement FCC 15.203.					

4 GENERAL TEST CONFIGURATIONS

4.1 Test Environments

During the measurement, the normal environmental conditions were within the listed ranges:

Relative Humidity	45% to 70%	
Atmospheric Pressure	100 kPa to 102 kPa	
Temperature	NT (Normal Temperature)	+19.1℃ to +25.5℃
	LT (Low Temperature)	0℃
	HT (High Temperature)	+40℃
Working Voltage of the EUT	NV (Normal Voltage)	3.7 V
	LV (Low Voltage)	3.0 V
	HV (High Voltage)	4.2 V

4.2 Test Equipment List

Description	Manufacturer	Model	Serial No.	Cal. Date	Cal. Due
Spectrum Analyzer	KEYSIGHT	N9020A	MY50330200	2022.05.19	2023.05.18
Spectrum Analyzer	ROHDE&SCHWARZ	FSV-40	101544	2022.01.04	2023.01.03
Spectrum Analyzer	KEYSIGHT	N9020A	MY52510065	2022.09.06	2023.09.05
Signaling Unit	ROHDE&SCHWARZ	CMW500	171150	2022.06.29	2023.06.28
Test Antenna-Horn (1-18 GHz)	SCHWARZBECK	BBHA 9120D	01631	2022.02.03	2025.02.02
Test Antenna-Horn (18-40 GHz)	A-INFO	LB-180400KF	J211060273	2021.07.02	2024.07.01
Anechoic Chamber	RAINFORD	9m*6m*6m	N/A	2021.09.04	2024.09.03
EMI Receiver	ROHDE&SCHWARZ	ESRP	101036	2022.09.09	2023.09.08
Test Antenna-Loop (9 kHz-30 MHz)	SCHWARZBECK	FMZB 1519	1519-037	2021.04.16	2024.04.15
Anechoic Chamber	EMC Electronic Co., Ltd	20.10*11.60 *7.35m	N/A	2021.08.15	2024.08.14
Amplifier (30-1GHz)	COM-MV	ZT30-1000M	B2017119081	2020.09.09	2023.09.08
Amplifier (1-12GHz)	COM-MV	LSCX_LNA 1-12G-01	180602	2020.09.08	2023.09.07
Amplifier (7-18GHz)	COM-MV	XKu_LNA7-18G-01	180601	2020.09.08	2023.09.07
Amplifier (18-40GHz)	COM-MV	KA_LNA18-40G-01	18050001	2020.09.08	2023.09.07
EMI Receiver	KEYSIGHT	N9038A	MY55330120	2022.09.09	2023.09.08
Anechoic Chamber	YiHeng	9m*6m*6m	N/A	2021.08.19	2024.08.18
EMI Receiver	KEYSIGHT	N9010B	MY57110309	2022.09.09	2023.09.08
LISN	SCHWARZBECK	NSLK 8127	8127-687	2022.06.01	2023.05.31

Description	Manufacturer	Model	Serial No.	Cal. Date	Cal. Due
Shielded Enclosure	YiHeng Electronic Co., Ltd	3.5m*3.1m* 2.8m	N/A	2022.02.19	2025.02.18

4.3 Measurement Uncertainty

The following measurement uncertainty levels have been estimated for tests performed on the EUT as specified in CISPR 16-4-2.

This uncertainty represents an expanded uncertainty expressed at approximately the 95% confidence level using a coverage factor of k=2.

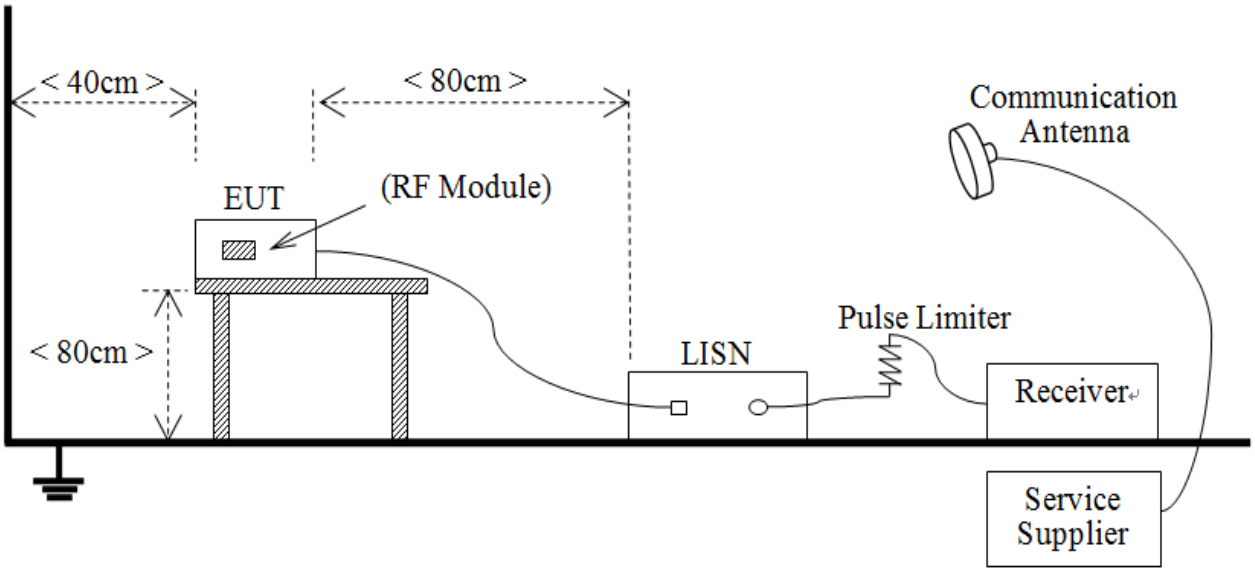
Parameters	Uncertainty
Occupied Channel Bandwidth	2.8%
RF output power, conducted	1.28 dB
Power Spectral Density, conducted	1.30 dB
Unwanted Emissions, conducted	1.84 dB
All emissions, radiated	5.36 dB
Temperature	0.82℃
Humidity	4.1%

4.4 Description of Test Setup

4.4.1 For Antenna Port Test

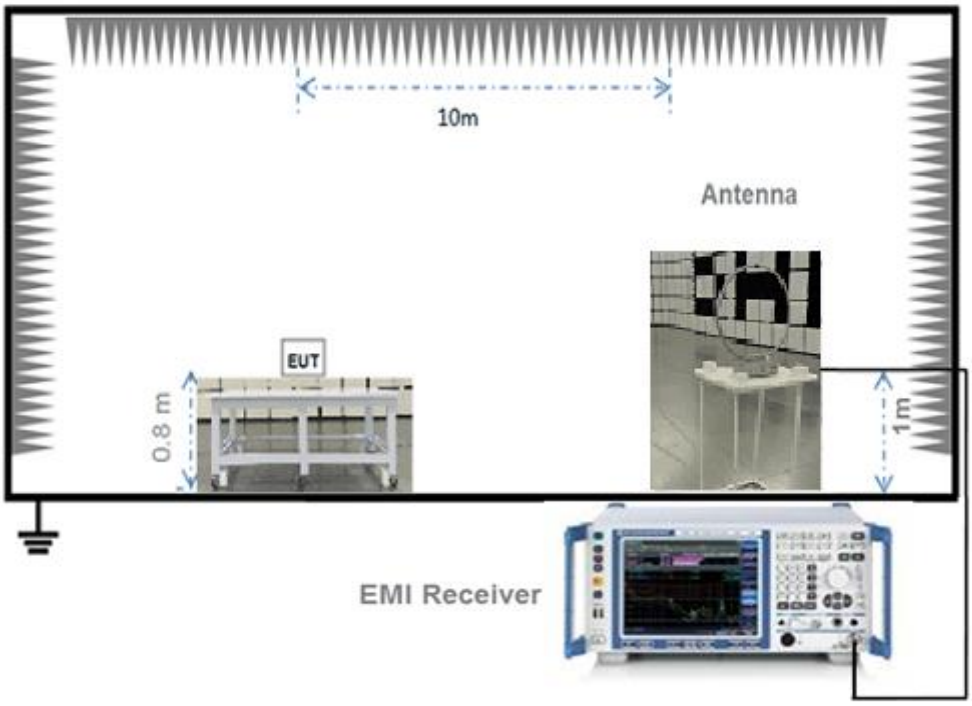
(Diagram 1)

4.4.2 For AC Power Supply Port Test



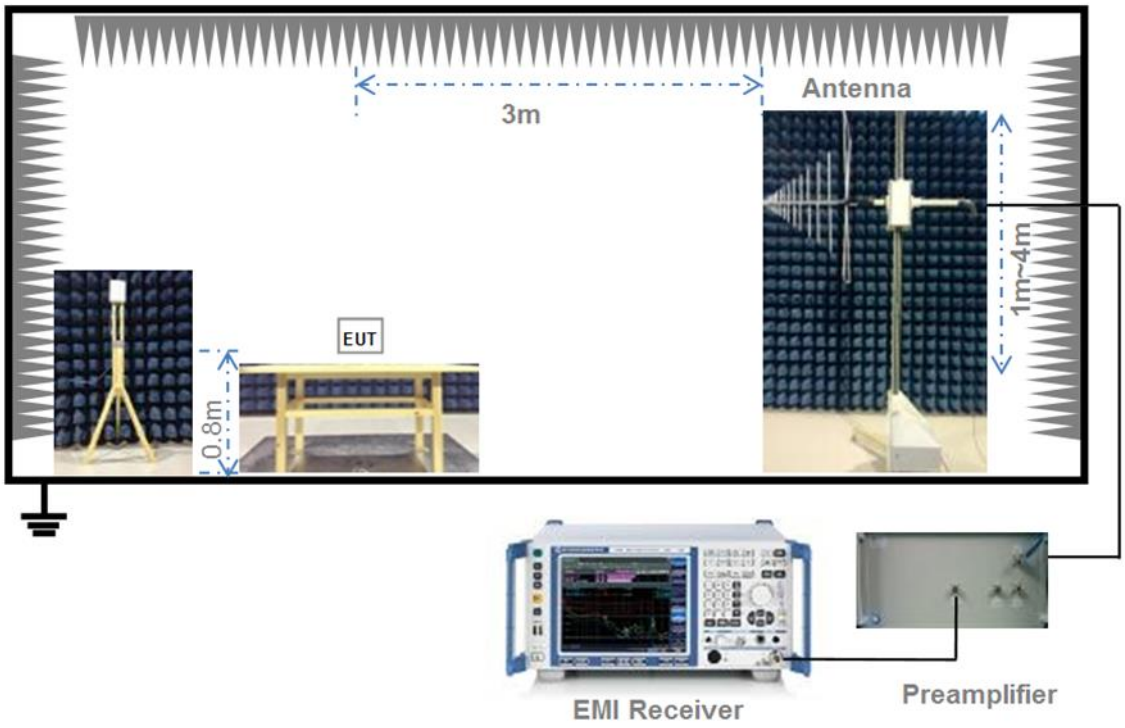
(Diagram 2)

4.4.3 For Radiated Test (Below 30 MHz)



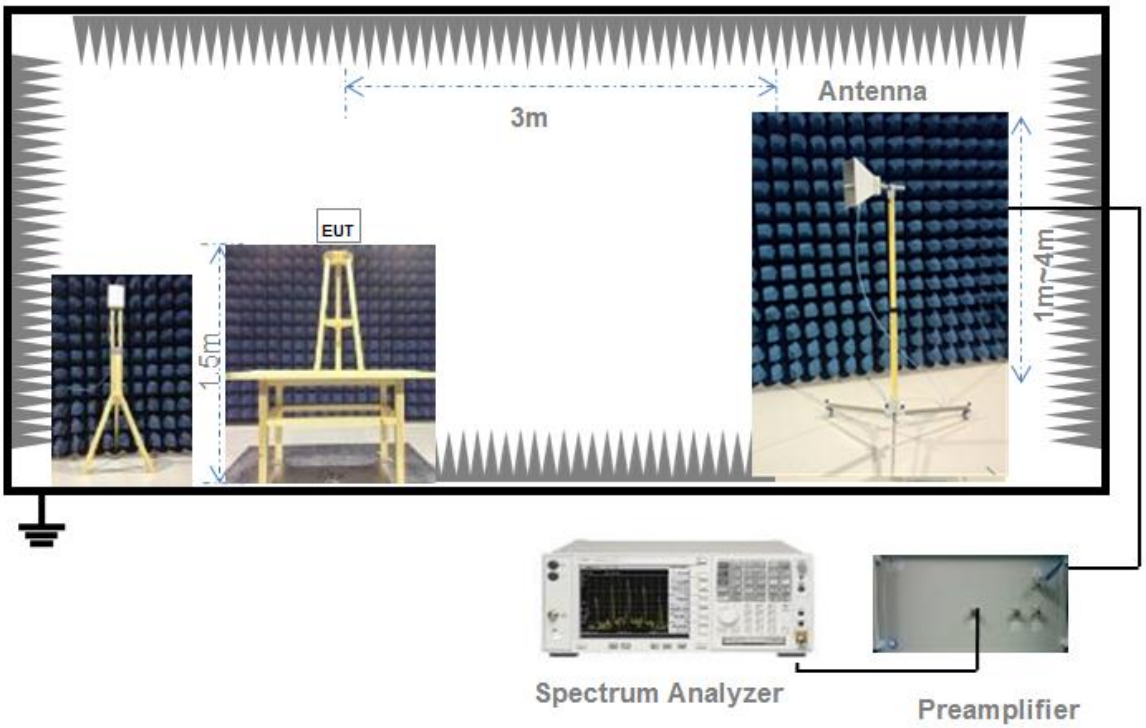
(Diagram 3)

4.4.4 For Radiated Test (30 MHz-1 GHz)



(Diagram 4)

4.4.5 For Radiated Test (Above 1 GHz)



(Diagram 5)

5 TEST ITEMS

5.1 Antenna Requirements

5.1.1 Relevant Standards

FCC §15.203;
An intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device. The use of a permanently attached antenna or of an antenna that uses a unique coupling to the intentional radiator shall be considered sufficient to comply with the provisions of this section. The manufacturer may design the unit so that a broken antenna can be replaced by the user, but the use of a standard antenna jack or electrical connector is prohibited. This requirement does not apply to carrier current devices or to devices operated under the provisions of § 15.211, § 15.213, § 15.217, § 15.219, or § 15.221. Further, this requirement does not apply to intentional radiators that must be professionally installed, such as perimeter protection systems and some field disturbance sensors, or to other intentional radiators which, in accordance with § 15.31(d), must be measured at the installation site. However, the installer shall be responsible for ensuring that the proper antenna is employed so that the limits in this part are not exceeded.

5.1.2 Antenna Anti-Replacement Construction

The Antenna Anti-Replacement as following method:

Protected Method	Description
The antenna is embedded in the product.	An embedded-in antenna design is used.

Reference Documents	Item
Photo	Please refer to the EUT Photo documents.

5.2 10 dB Bandwidth

5.2.1 Limit

FCC §15.250(a);
The −10 dB bandwidth of a device operating under the provisions of this section must be contained within the 5925-7250 MHz band under all conditions of operation including the effects from stepped frequency, frequency hopping or other modulation techniques that may be employed as well as the frequency stability of the transmitter over expected variations in temperature and supply voltage.
FCC §15.250(b);
The −10 dB bandwidth of the fundamental emission shall be at least 50 MHz. For transmitters that employ frequency hopping, stepped frequency or similar modulation types, measurement of the −10 dB minimum bandwidth specified in this paragraph shall be made with the frequency hop or step function disabled and with the transmitter operating continuously at a fundamental frequency following the provisions of §15.31(m).

5.2.2 Test Setups

See section 4.4.1 for test setup description for the antenna port. The photo of test setup please refer to ANNEX B.

5.2.3 Test Procedure

Use the following spectrum analyzer settings:

RBW = 1 MHz

VBW ≥ 3 MHz

Sweep = auto

Detector function = peak

Trace = max hold

5.2.4 Test Result

Please refer to ANNEX A.1.

5.3 Frequency Stability

5.3.1 Limit

FCC §15.250(a);
The −10 dB bandwidth of a device operating under the provisions of this section must be contained within the 5925-7250 MHz band under all conditions of operation including the effects from stepped frequency, frequency hopping or other modulation techniques that may be employed as well as the frequency stability of the transmitter over expected variations in temperature and supply voltage.

5.3.2 Test Setups

See section 4.4.1 for test setup description for the antenna port. The photo of test setup please refer to ANNEX B.

5.3.3 Test Procedure

Use the following spectrum analyzer settings:

RBW = 1 MHz

VBW ≥ 3 MHz

Sweep = auto

Detector function = peak

Trace = max hold

5.3.4 Test Result

Please refer to ANNEX A.2.

5.4 AC Conducted Emission

5.4.1 Limit

FCC §15.207;
For an intentional radiator that is designed to be connected to the public utility (AC) power line, the radio frequency voltage that is conducted back onto the AC power line on any frequency within the band 150 kHz to 30 MHz shall not exceed the limits in the following table, as measured using a 50μH/50Ω line impedance stabilization network (LISN).

Frequency range (MHz)	Conducted Limit (dBμV)	
	Quai-peak	Average
0.15 - 0.50	66 to 56	56 to 46
0.50 - 5	56	46
0.50 - 30	60	50

5.4.2 Test Setup

See section 4.4.2 for test setup description for the AC power supply port. The photo of test setup please refer to ANNEX B.

5.4.3 Test Procedure

The maximum conducted interference is searched using Peak (PK), if the emission levels more than the AV and QP limits, and that have narrow margins from the AV and QP limits will be re-measured with AV and QP detectors. Tests for both L phase and N phase lines of the power mains connected to the EUT are performed. Refer to recorded points and plots below.
Devices subject to Part 15 must be tested for all available U.S. voltages and frequencies (such as a nominal 120 VAC, 50/60 Hz and 240 VAC, 50/60 Hz) for which the device is capable of operation. A device rated for 50/60 Hz operation need not be tested at both frequencies provided the radiated and line conducted emissions are the same at both frequencies.

5.4.4 Test Result

Please refer to ANNEX A.3.

5.5 Radiated Emissions

5.5.1 Limit

FCC §15.250(d)(1)

The radiated emissions above 960 MHz from a device operating under the provisions of this section shall not exceed the following RMS average limits based on measurements using a 1 MHz resolution bandwidth:

Frequency in MHz	EIPR in dBm
960–1610	-75.3
1610–1990	-63.3
1990–3100	-61.3
3100–5925	-51.3
5925-7250	-41.3
7250-10600	-51.3
Above 10600	-61.3

FCC §15.250(d)(2)

In addition to the radiated emission limits specified in the table in paragraph (d)(1) of this section, transmitters operating under the provisions of this section shall not exceed the following RMS average limits when measured using a resolution bandwidth of no less than 1 kHz:

Frequency in MHz	EIPR in dBm
1164-1240	-85.3
1559-1610	-85.3

FCC §15.250(d)(4)&FCC §15.209;

Except as provided elsewhere in this subpart, the emissions from an intentional radiator shall not exceed the field strength levels specified in the following table:

Frequency(MHz)	Field Strength (μV/m)	Measurement Distance(m)
0.009 - 0.490	2400/F(kHz)	300
0.490 - 1.705	24000/F(kHz)	30
1.705 - 30.0	30	30
30 - 88	100	3
88 - 216	150	3
216 - 960	200	3
Above 960	500	3

5.5.2 Test Setups

See section 4.4.3 to 4.4.5 for test setup description for the antenna port. The photo of test setup please refer to ANNEX B.

5.5.3 Test Procedure

The Turn Table is actuated to turn from 0° to 360°, and both horizontal and vertical polarizations of the Test Antenna are used to find the maximum radiated power. The height of the antenna was varied from 1 to 4 meters. For each suspected emissions, the antenna tower was scan (from 1m to 4m) and the the turntables

was turned (from 0° to 360°) to find the maximum reading.

All Spurious Emission tests were performed in X, Y, Z axis direction. And only the worst axis test condition was recorded in this test report.
Use the following spectrum analyzer settings:
9 kHz to 960 MHz：
Span = wide enough to fully capture the emission being measured
RBW = 100 kHz
VBW = 300 kHz
Sweep time = auto
Detector function = peak(Margin which is less than 3 dB will be repeated one by one using the quasi-peak)
Trace = max hold

960 MHz to 40 GHz：
Span = wide enough to fully capture the emission being measured
RBW = 1 MHz
VBW = 3 MHz
Sweep time = 1s
Detector function = RMS
Trace = max hold

5.5.4 Test Result

Please refer to ANNEX A.4.

5.6 Peak Emissions within a 50MHz Bandwidth

5.6.1 Limit

FCC §15.250(d)(3);
There is a limit on the peak level of the emissions contained within a 50 MHz bandwidth centered on the frequency at which the highest radiated emission occurs and this 50 MHz bandwidth must be contained within the 5925-7250 MHz band. The peak EIRP limit is 20 log (RBW/50) dBm where RBW is the resolution bandwidth in megahertz that is employed by the measurement instrument. RBW shall not be lower than 1 MHz or greater than 50 MHz. The video bandwidth of the measurement instrument shall not be less than RBW. For example, the peak power limit could be expressed in a 1 MHz bandwidth as follows in Equation :
$EIRP_{1\ MHz} = EIRP_{50\ MHz} + 20\log(1\ MHz / 50\ MHz) = 0\ dBm + (-34\ dBm) = -34dBm$

5.6.2 Test Setups

See section 4.4.5 for test setup description for the antenna port. The photo of test setup please refer to ANNEX B.

5.6.3 Test Procedure

The Turn Table is actuated to turn from 0° to 360°, and both horizontal and vertical polarizations of the Test Antenna are used to find the maximum radiated power.The height of the antenna was varied from 1 to 4 meters.For each suspected emissions, the antenna tower was scan (from 1m to 4m) and the the turntables was turned (from 0° to 360°) to find the maximum reading.

All Spurious Emission tests were performed in X, Y, Z axis direction. And only the worst axis test condition was recorded in this test report.
Use the following spectrum analyzer settings:
Use the following spectrum analyzer settings:
Span = wide enough to fully capture the emission being measured
RBW = 1 MHz
VBW = 3 MHz
Sweep = auto
Detector function = peak
Trace = max hold

5.6.4 Test Result

Please refer to ANNEX A.5.

ANNEX A TEST RESULT

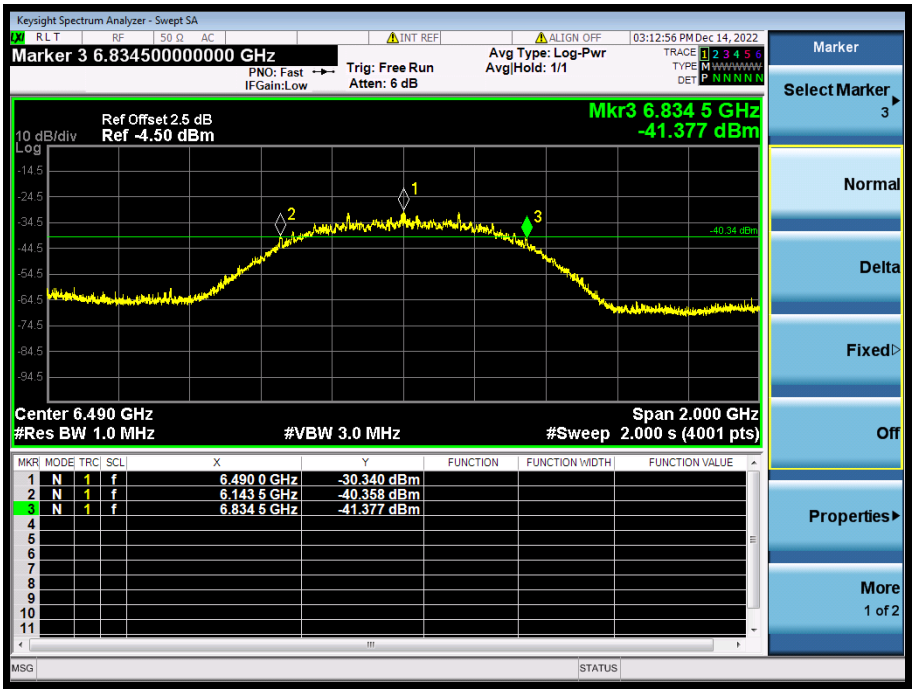
A.1 10 dB Bandwidth

Test Data

F_L (MHz)	F_H (MHz)	10 dB Bandwidth (MHz)	Limit	Verdict
6143.5	6834.5	691.0	10 dB Bandwidth> 50 MHz 10 dB bandwidth contained between 5925 to 7250 MHz	Pass

Test plots

10 dB Bandwidth



A.2 Frequency Stability

Test Data

Temperature Variation

Temperature	F_L (MHz)	F_H (MHz)	Limit	Verdict
LT	6143.5	6835.0	10 dB bandwidth contained between 5925 to 7250 MHz	Pass
NT	6143.5	6835.0		Pass
HT	6143.5	6835.5		Pass

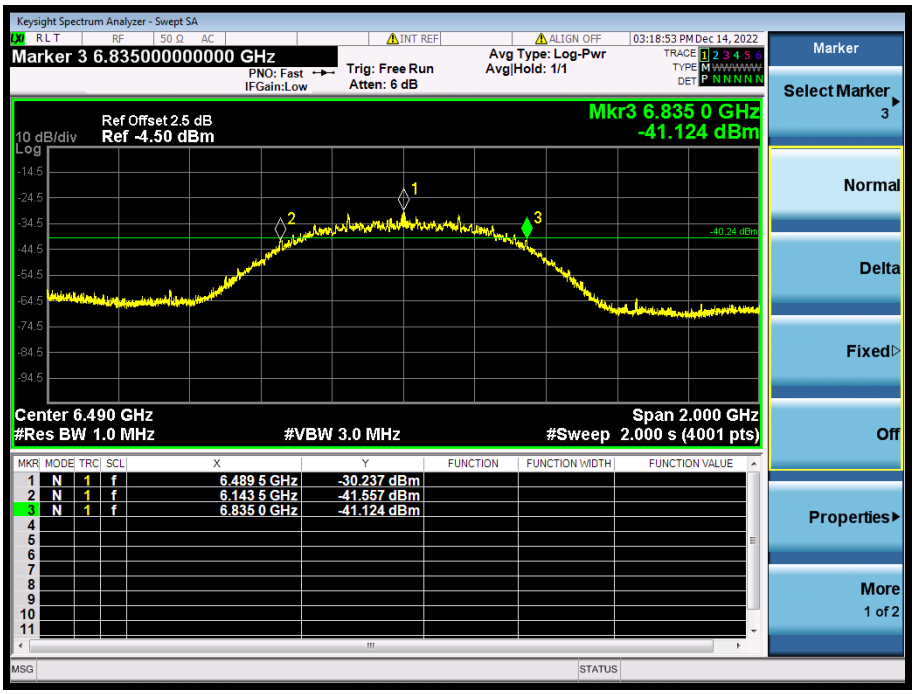
Voltage Variation

Voltage	F_L (MHz)	F_H (MHz)	Limit	Verdict
LV	6143.5	6834.5	10 dB bandwidth contained between 5925 to 7250 MHz	Pass
NV	6143.5	6834.5		Pass
HV	6143.5	6834.5		Pass

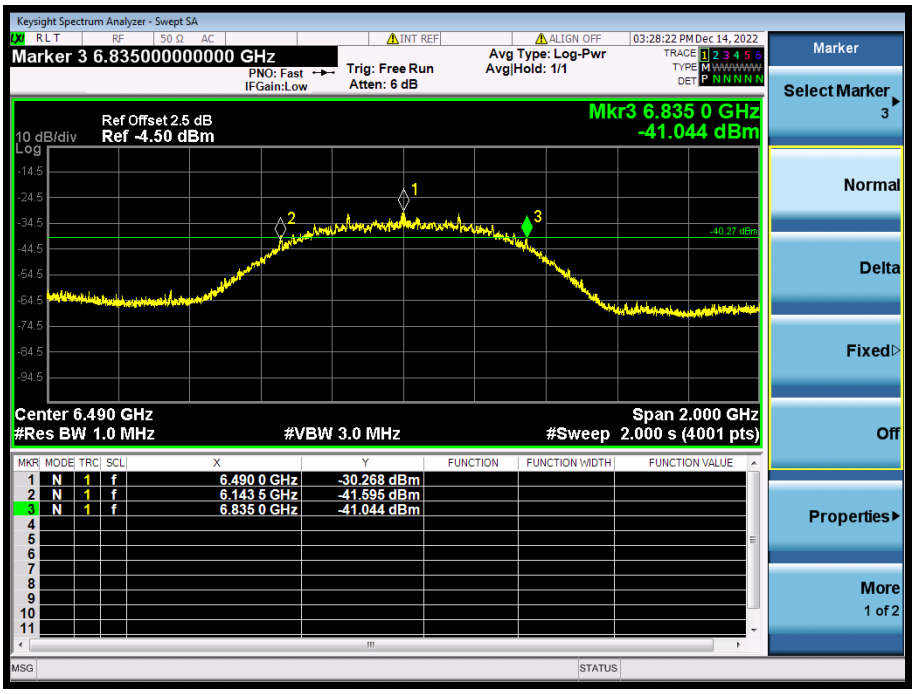
Test plots

Temperature Variation

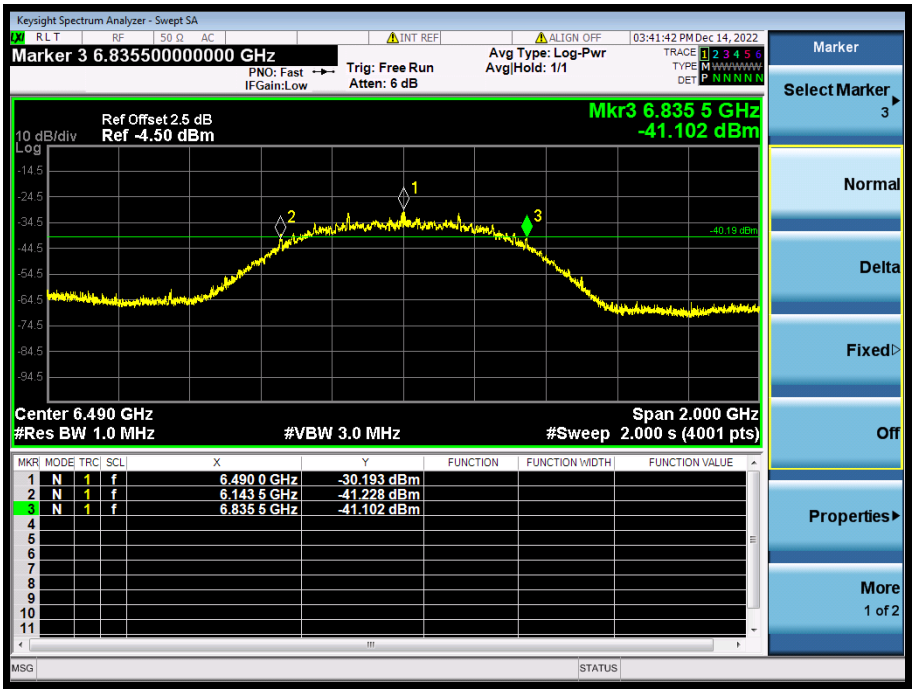
Temperature (LT)



Temperature (NT)

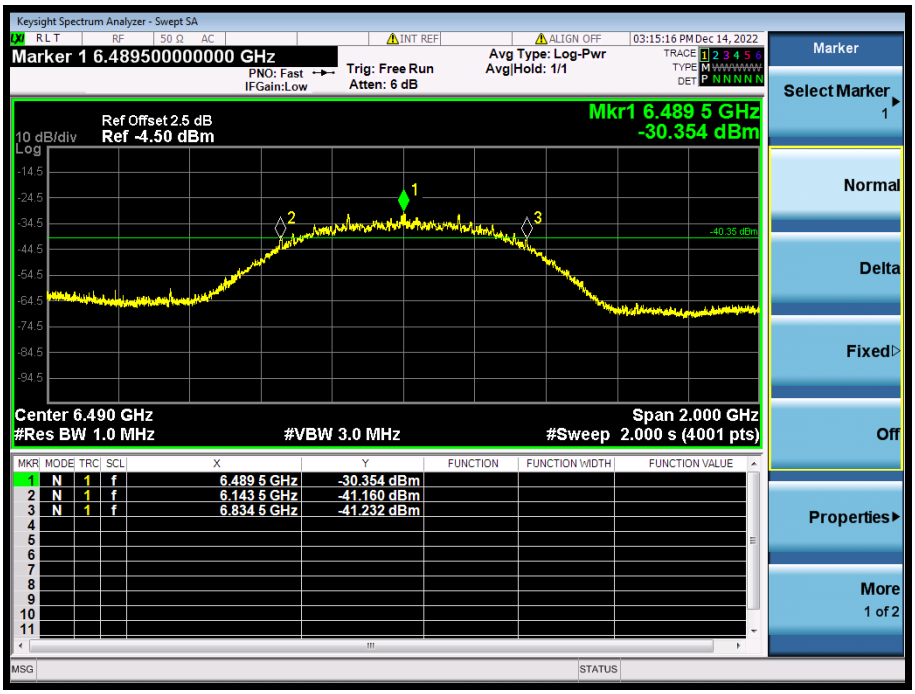


Temperature (HT)

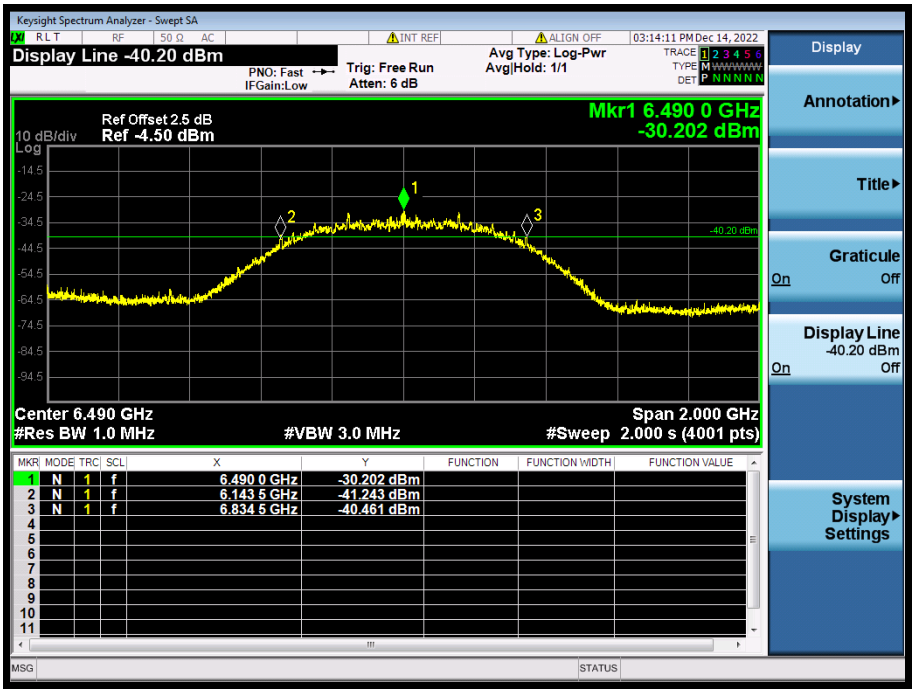


Voltage Variation

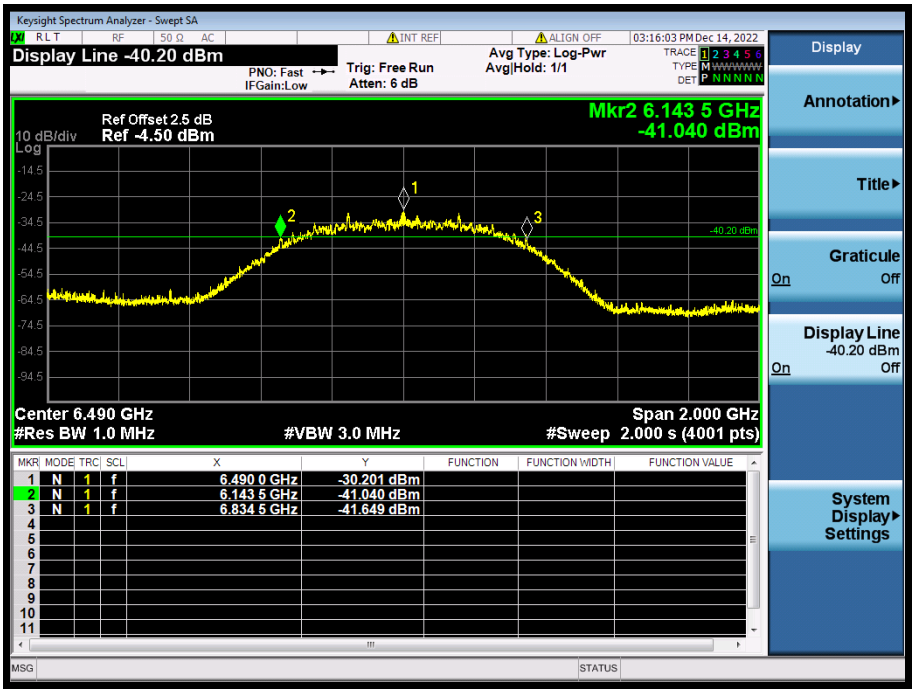
Voltage (LV)



Voltage (NV)



Voltage (HV)



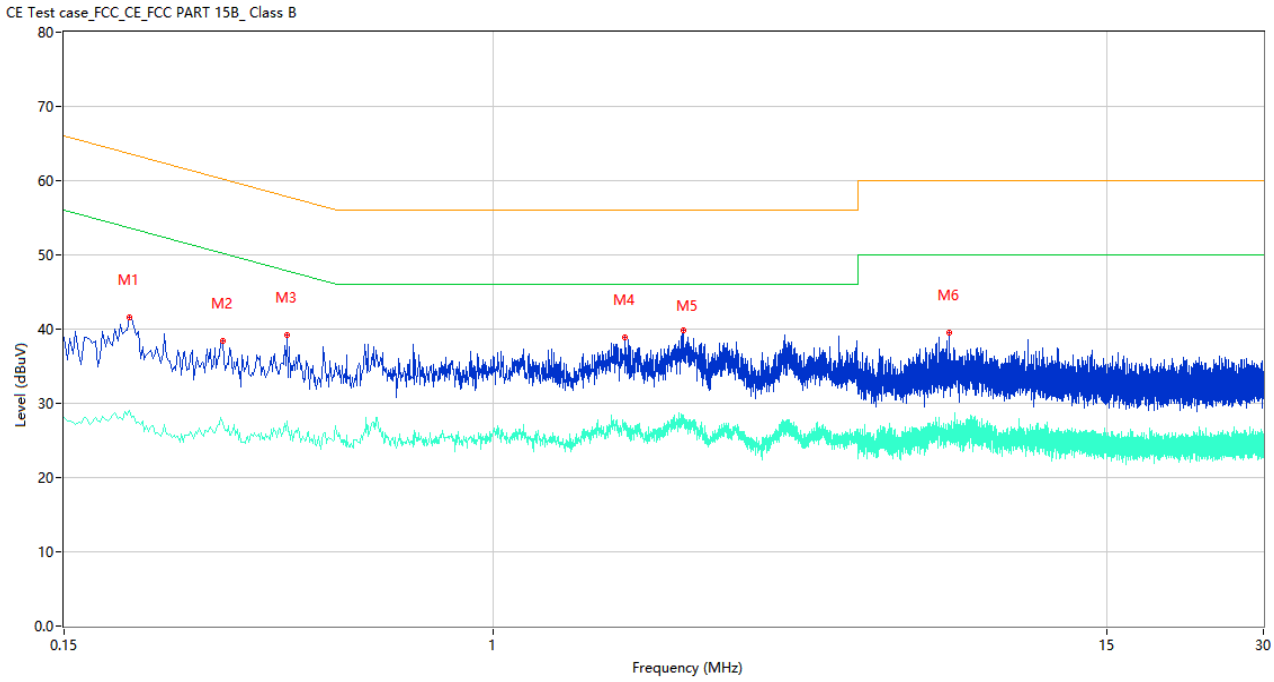
A.3 AC Conducted Emissions

Note [1]: The EUT is working in the Normal link mode. All modes have been tested and normal link mode is worst.

Note [2]: Devices subject to Part 15 must be tested for all available U.S. voltages and frequencies (such as a nominal 120 VAC, 60 Hz and 240 VAC, 50 Hz) for which the device is capable of operation. So, The configuration 120 VAC, 60 Hz and 240 VAC, 50 Hz were tested respectively, but only the worst configuration (120 VAC, 60 Hz) shown here.

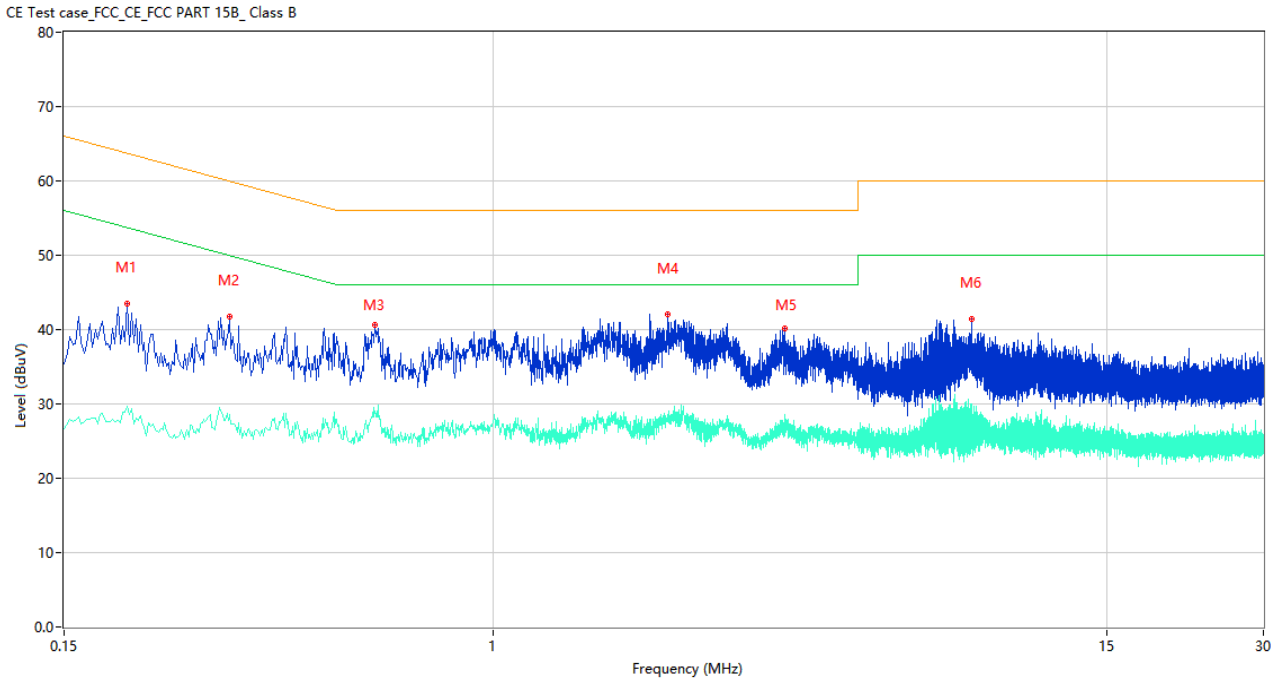
Test Data and Plots

PHASE L



No.	Frequency (MHz)	Results (dBuV)	Factor (dB)	Limit (dBuV)	Margin (dB)	Detector	Line	Verdict
1	0.200	41.58	10.05	63.61	22.03	Peak	L	Pass
1**	0.200	29.12	10.05	53.61	24.49	AV	L	Pass
2	0.302	38.43	10.02	60.19	21.76	Peak	L	Pass
2**	0.302	27.32	10.02	50.19	22.87	AV	L	Pass
3	0.402	39.27	10.74	57.81	18.54	Peak	L	Pass
3**	0.402	27.62	10.74	47.81	20.19	AV	L	Pass
4	1.786	38.90	10.28	56.00	17.10	Peak	L	Pass
4**	1.786	26.85	10.28	46.00	19.15	AV	L	Pass
5	2.314	39.82	10.31	56.00	16.18	Peak	L	Pass
5**	2.314	27.33	10.31	46.00	18.67	AV	L	Pass
6	7.490	39.58	10.50	60.00	20.42	Peak	L	Pass
6**	7.490	25.75	10.50	50.00	24.25	AV	L	Pass

PHASE N



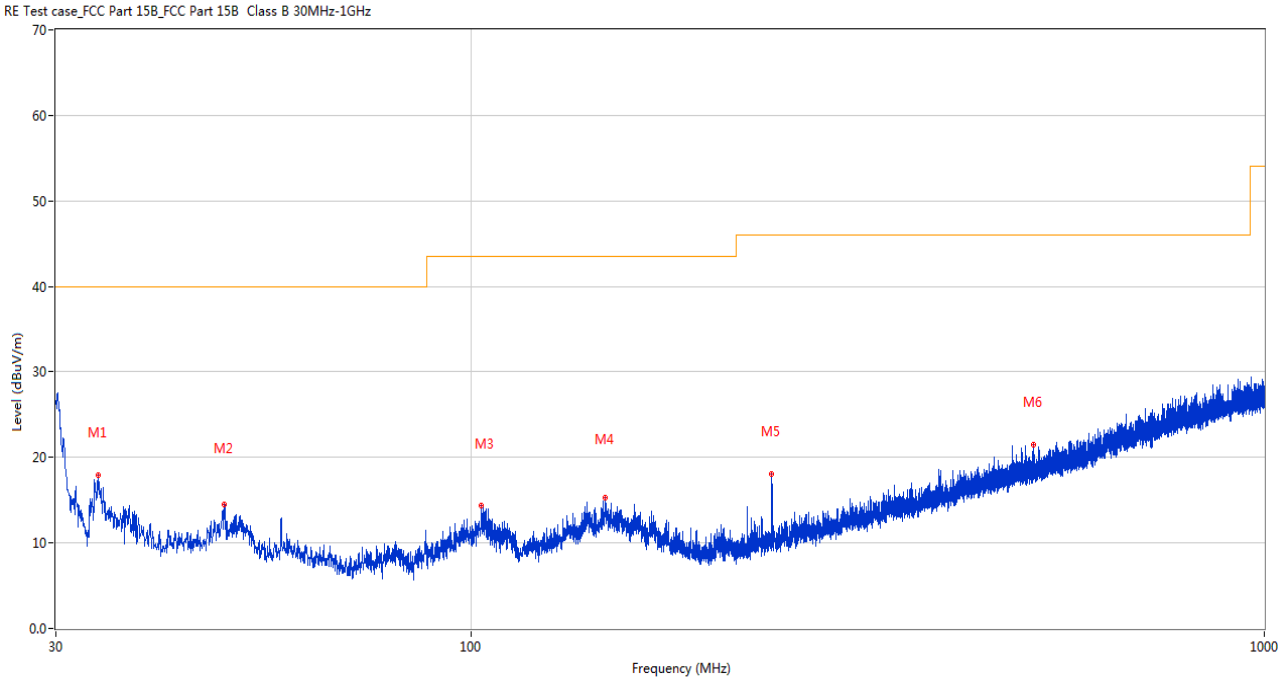
No.	Frequency (MHz)	Results (dBuV)	Factor (dB)	Limit (dBuV)	Margin (dB)	Detector	Line	Verdict
1	0.198	43.48	10.06	63.69	20.21	Peak	N	Pass
1**	0.198	29.70	10.06	53.69	23.99	AV	N	Pass
2	0.312	41.67	10.22	59.92	18.25	Peak	N	Pass
2**	0.312	28.61	10.22	49.92	21.31	AV	N	Pass
3	0.592	40.58	10.32	56.00	15.42	Peak	N	Pass
3**	0.592	29.03	10.32	46.00	16.97	AV	N	Pass
4	2.160	42.09	10.23	56.00	13.91	Peak	N	Pass
4**	2.160	28.56	10.23	46.00	17.44	AV	N	Pass
5	3.624	40.09	10.45	56.00	15.91	Peak	N	Pass
5**	3.624	27.47	10.45	46.00	18.53	AV	N	Pass
6	8.252	41.40	10.42	60.00	18.60	Peak	N	Pass
6**	8.252	24.36	10.42	50.00	25.64	AV	N	Pass

A.4 Radiated Emissions

Note: The low frequency, which started from 9 kHz to 30 MHz, was pre-scanned and the result which was 20 dB lower than the limit line per 15.209 was not reported.

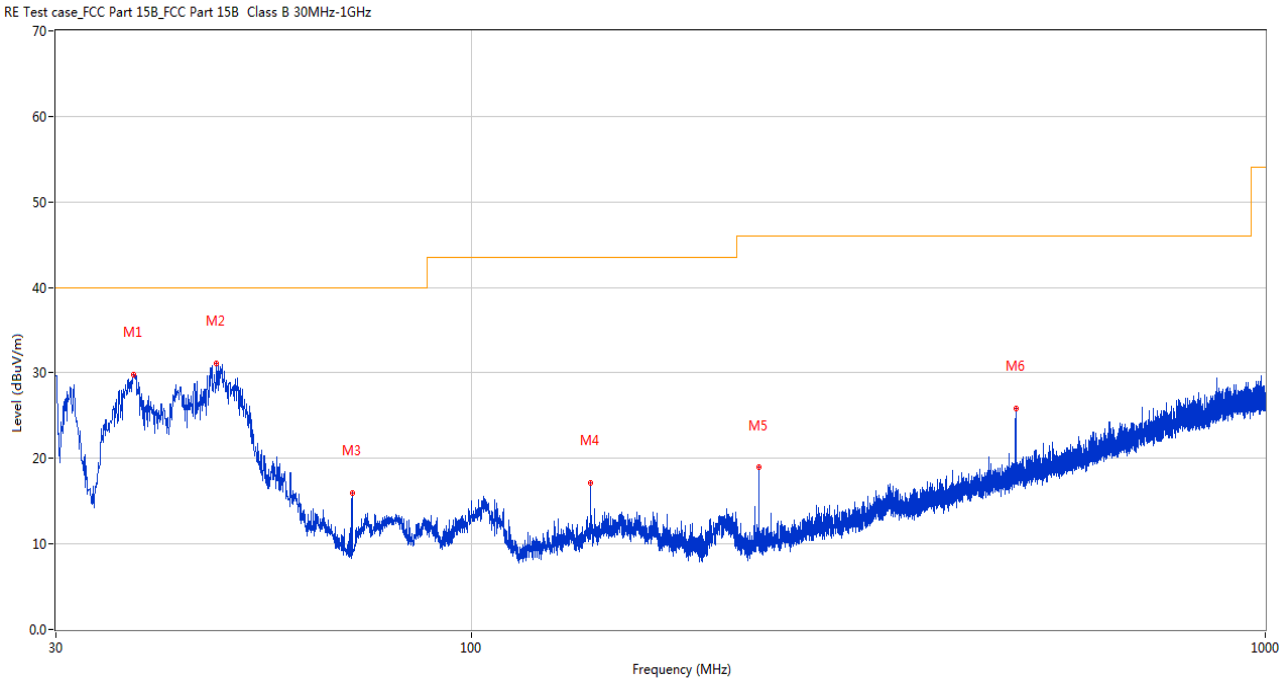
Test Data and Plots

30 MHz to 1 GHz, ANT H



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	33.880	17.94	-27.08	40.0	22.06	Peak	360.00	200	Horizontal	Pass
2	48.915	14.53	-26.62	40.0	25.47	Peak	331.00	100	Horizontal	Pass
3	103.138	14.42	-28.93	43.5	29.08	Peak	360.00	200	Horizontal	Pass
4	147.564	15.27	-24.94	43.5	28.23	Peak	309.00	200	Horizontal	Pass
5	239.617	18.04	-26.48	46.0	27.96	Peak	93.00	100	Horizontal	Pass
6	512.526	21.46	-18.58	46.0	24.54	Peak	183.00	200	Horizontal	Pass

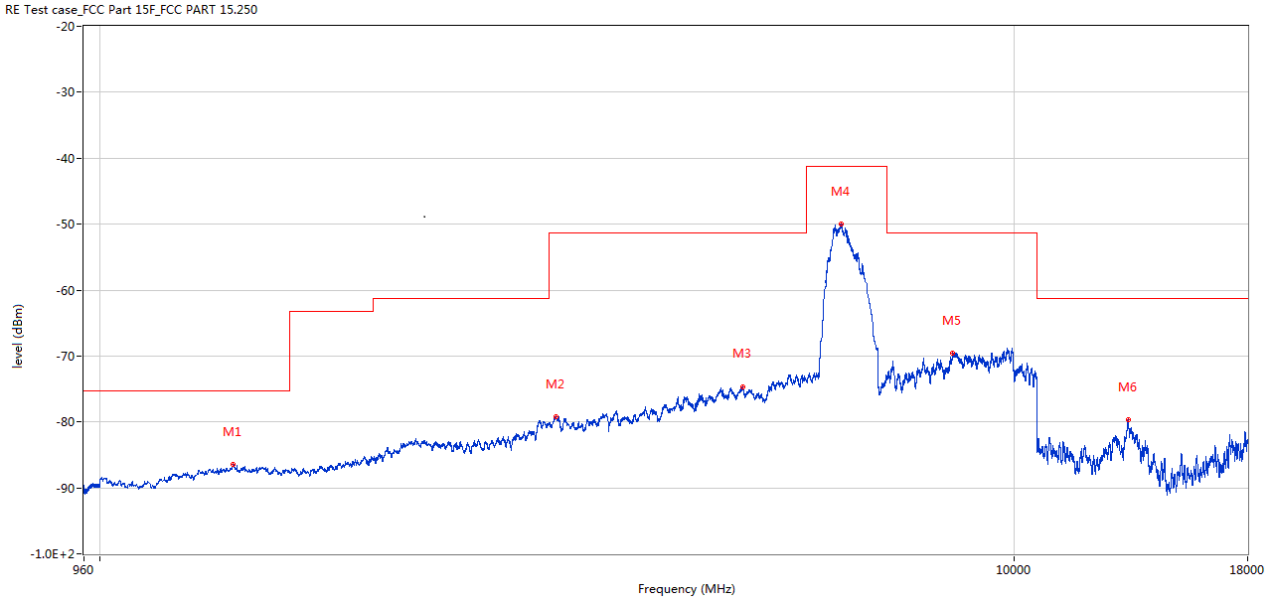
30 MHz to 1 GHz, ANT V



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	37.614	29.85	-26.32	40.0	10.15	Peak	10.00	100	Vertical	Pass
2	47.800	31.16	-26.57	40.0	8.84	Peak	297.00	100	Vertical	Pass
3	70.788	15.99	-29.18	40.0	24.01	Peak	33.00	100	Vertical	Pass
4	141.453	17.16	-25.52	43.5	26.34	Peak	54.00	100	Vertical	Pass
5	230.450	18.92	-26.72	46.0	27.08	Peak	164.00	100	Vertical	Pass
6	485.900	25.86	-18.91	46.0	20.14	Peak	197.00	200	Vertical	Pass

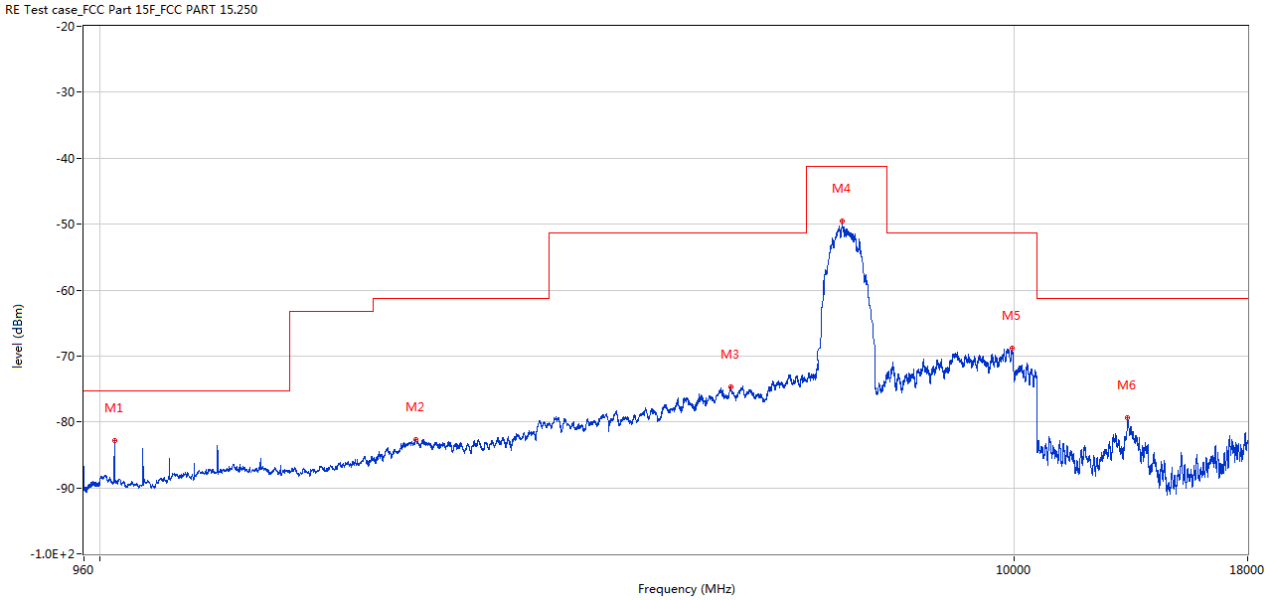
Note: The spurious above 18G is noise only, do not show on the report.

960 MHz to 18 GHz, ANT H



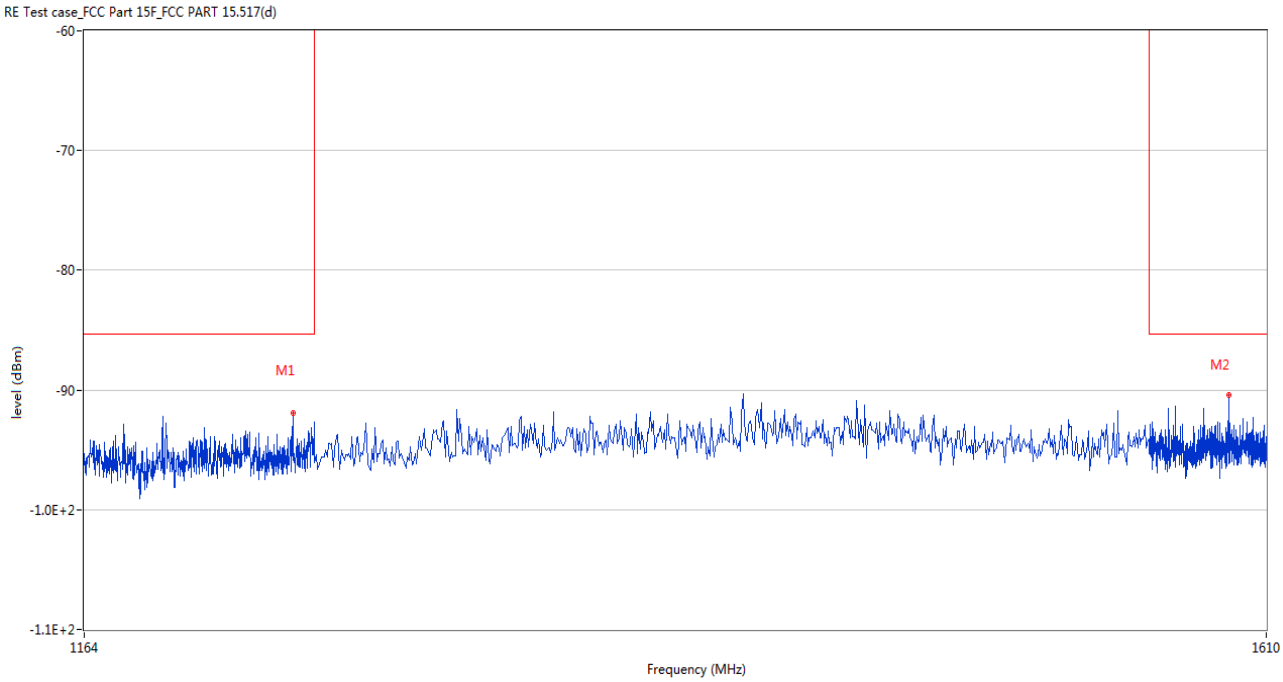
Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
1397.000	-86.47	-23.76	-75.3	11.17	330.00	Horizontal	Horizontal	Pass
3152.000	-79.22	-15.20	-51.3	27.92	38.00	Horizontal	Horizontal	Pass
5041.000	-74.63	-9.22	-51.3	23.33	256.00	Horizontal	Horizontal	Pass
6380.000	-50.09	-6.43	-41.3	8.79	312.00	Horizontal	Horizontal	Pass
8568.700	-69.52	-4.64	-51.3	18.22	140.00	Horizontal	Horizontal	Pass
13317.650	-79.72	-4.31	-61.3	18.42	355.00	Horizontal	Horizontal	Pass

960 MHz to 18 GHz, ANT V



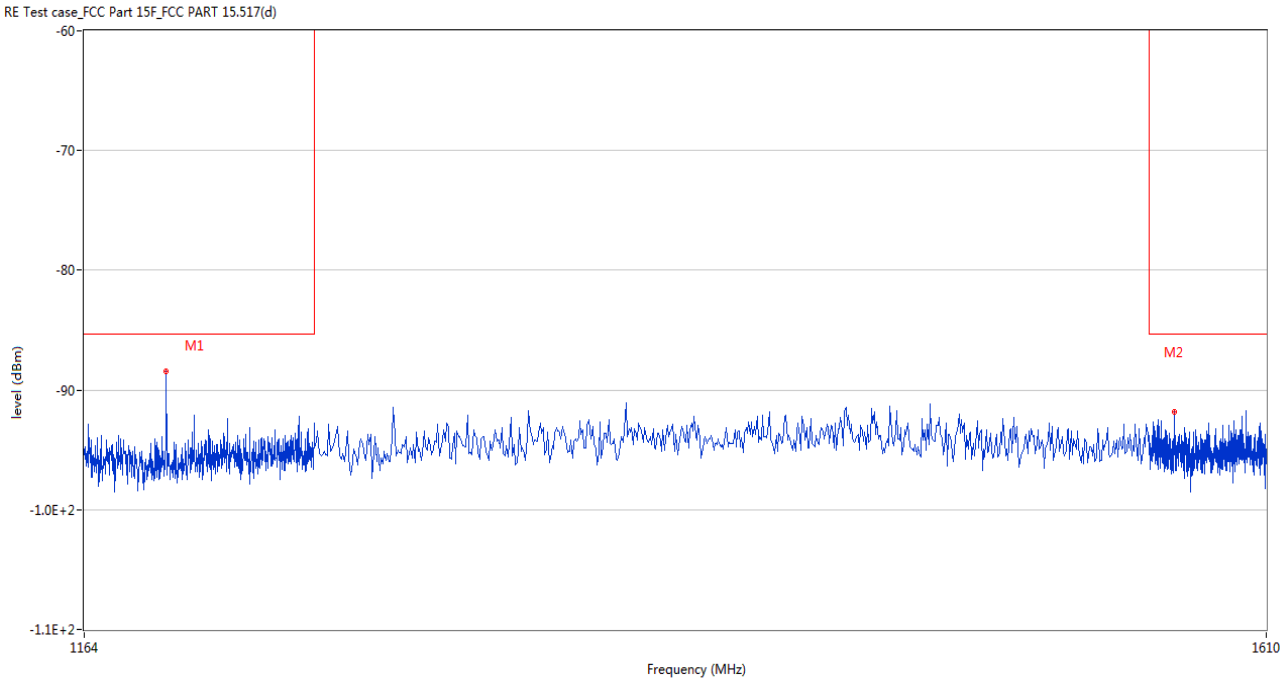
Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
1037.000	-82.84	-25.15	-75.3	7.54	-1.00	Vertical	Horizontal	Pass
2215.000	-82.65	-19.80	-61.3	21.35	-1.00	Vertical	Horizontal	Pass
4892.000	-74.75	-10.02	-41.3	33.45	190.00	Vertical	Horizontal	Pass
6447.000	-49.64	-2.89	-41.3	8.34	361.00	Vertical	Horizontal	Pass
9954.700	-68.82	-3.26	-41.3	27.52	344.00	Vertical	Horizontal	Pass
13301.000	-79.33	-4.57	-61.3	18.03	98.00	Vertical	Horizontal	Pass

1.164 GHz to 1.61 GHz, ANT H



Frequency (MHz)	Result (dBm)	Factor (dB)	PK Limit (dBm)	Over Limit (dB)	Table (o)	ANT	EUT	Verdict
1232.527	-91.94	-5.94	-85.3	-6.64	106.00	Horizontal	Horizontal	Pass
1593.765	-90.37	-5.57	-85.3	-5.07	330.00	Horizontal	Horizontal	Pass

1.164 GHz to 1.61 GHz, ANT V

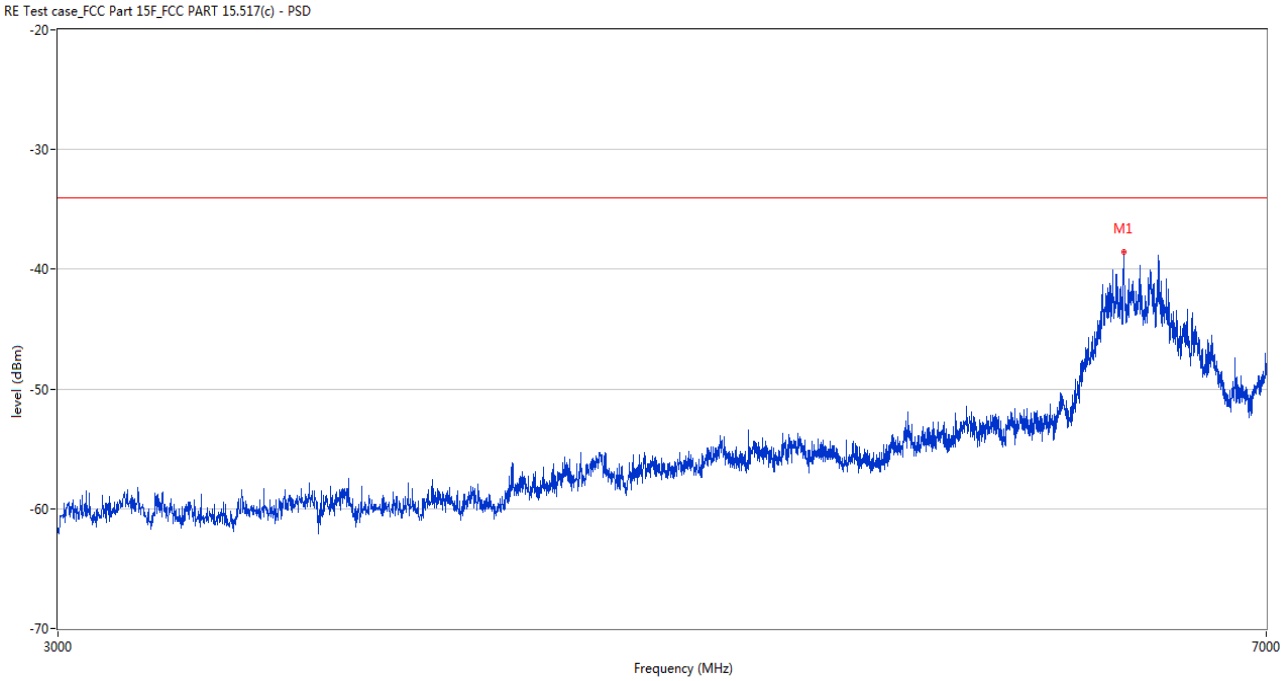


Frequency (MHz)	Result (dBm)	Factor (dB)	PK Limit (dBm)	Over Limit (dB)	Table (o)	ANT	EUT	Verdict
1190.473	-88.41	-6.43	-85.3	-3.11	29.00	Vertical	Horizontal	Pass
1570.135	-91.82	-5.79	-85.3	-6.52	118.00	Vertical	Horizontal	Pass

A.5 Peak Emissions within a 50MHz Bandwidth

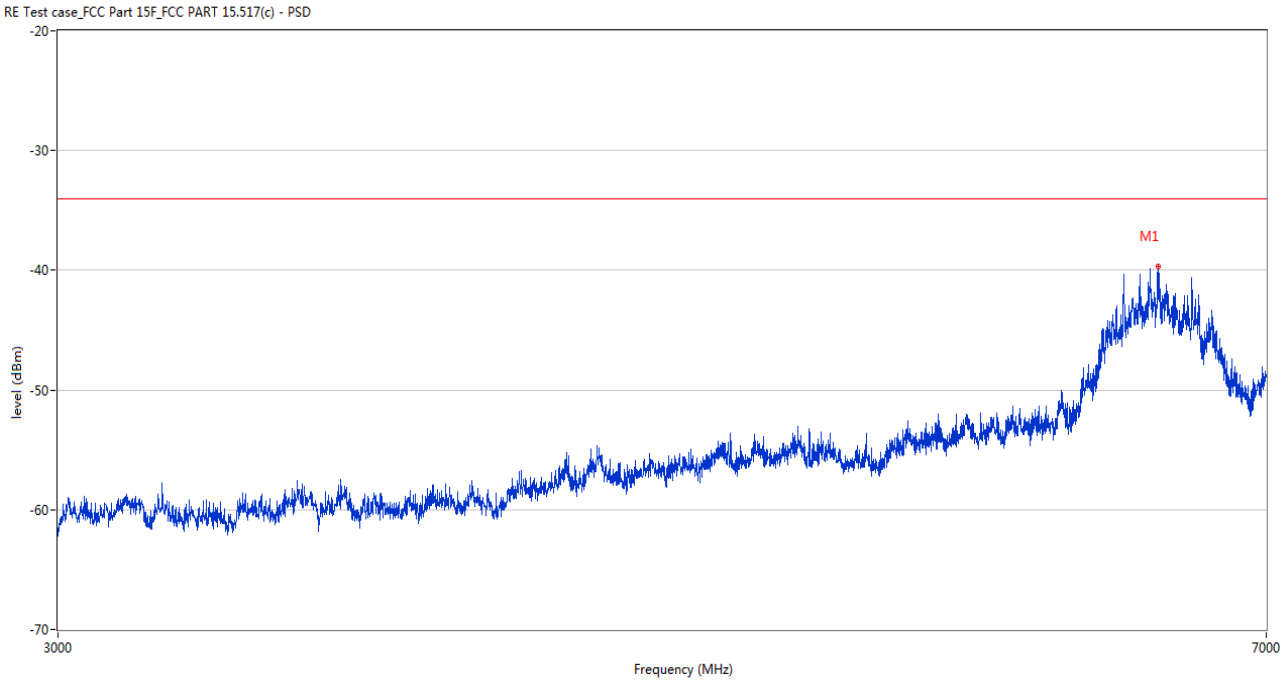
Test Data and Plot

ANT H



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
6335.000	-38.58	5.49	-34.0	4.58	75.00	Horizontal	Horizontal	Pass

ANT V



Frequency (MHz)	Result (dBm)	Factor (dB)	Limit (dBm)	Margin (dB)	Table (o)	ANT	EUT	Verdict
6490.000	-39.67	4.64	-34.0	5.67	92.00	Vertical	Horizontal	Pass

ANNEX B TEST SETUP PHOTOS

Please refer the document “BL-SZ2290653-AR-2.PDF”.

ANNEX C EUT EXTERNAL PHOTOS

Please refer the document “BL-SZ2290653-AW.PDF”.

ANNEX D EUT INTERNAL PHOTOS

Please refer the document “BL-SZ2290653-AI.PDF”.

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