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检测
TESTING
CNAS L6791

TEST REPORT

Applicant:	Seeed Technology Co., Ltd.
Address:	9F, Building G3, TCL International E city, Shuguang Community, Xili street, Nanshan, Shenzhen, Guangdong Province, P.R.C
Equipment Type:	Seeed Studio Wio-LR2021 Wireless module
Model Name:	Seeed Studio Wio-LR2021 Wireless module
Brand Name:	N/A
FCC ID:	Z4T-WIO-LR2021
Test Standard:	47 CFR Part 15 Subpart C (refer to section 3.1)
Sample Arrival Date:	May 18, 2026
Test Date:	May 20, 2026 - Jul. 13, 2026
Date of Issue:	Aug. 21, 2026

ISSUED BY:

Shenzhen BALUN Technology Co., Ltd.

Tested by: Yang Wenxuan **Checked by:** Li Ganming **Approved by:** Tolan Tu (Testing Director)

Revision History

Version	Issue Date	Revisions
Rev. 01	Aug. 21, 2026	Initial Issue

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1 GENERAL INFORMATION

1.1 Test Laboratory

Name	Shenzhen BALUN Technology Co., Ltd.
Address	601, Building 2, Intelligent Connected Vehicle Industrial Park, No.55, Xiangshan Road, Luotian Community, Yanluo Sub-district, Bao'an District, Shenzhen
Phone Number	+86 755 6685 0100

1.2 Test Location

Name	Shenzhen BALUN Technology Co., Ltd.
Location	☑ Building 2, Intelligent Connected Vehicle Industrial Park, No.55, Xiangshan Road, Luotian Community, Yanluo Sub-district, Bao'an District, Shenzhen, Guangdong
	☐ 1/F., Building B, Ganghongji High-Tech Intelligent Industrial Park, No.1008, Songbai Road, Yangguang Community, Xili Subdistrict, Nanshan District, Shenzhen, Guangdong
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	Seeed Technology Co., Ltd.
Address	9F, Building G3, TCL International E city, Shuguang Community, Xili street, Nanshan, Shenzhen, Guangdong Province, P.R.C

2.2 Manufacturer Information

Manufacturer	Seeed Technology Co., Ltd.
Address	9F, Building G3, TCL International E city, Shuguang Community, Xili street, Nanshan, Shenzhen, Guangdong Province, P.R.C

2.3 General Description for Equipment under Test (EUT)

EUT Name	Seeed Studio Wio-LR2021 Wireless module
Model Name Under Test	Seeed Studio Wio-LR2021 Wireless module
Series Model Name	N/A
Description of Model name differentiation	N/A
Hardware Version	V1.0
Software Version	V1.0
Dimensions (Approx.)	N/A
Weight (Approx.)	N/A

2.4 Technical Information

Network and Wireless connectivity	LoRa, 2.4G ISM Band

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

Modulation Technology	DTS
Modulation Type	FSK
Product Type	☒ Mobile ☐ Portable ☐ Fix Location
Frequency Range	The frequency range used is 2400 MHz to 2483.5 MHz.
Number of channel	19
Tested Channel	0 (2402 MHz), 36 (2438 MHz), 76 (2478 MHz)

Type	MPN	Band	Antenna Gain	Antenna Type	Number of pages of test data
2.4G ISM Band	M04-0105060R0A	2400-2500MHz	2.55 dBi	Helical Antenna	pages 21 to 22, pages 30 to 31, pages 38 to 43, pages 63 to 64
	M01-0601930R0A	2400-2501MHz	2.53 dBi	FPC Antenna	pages 23 to 24, pages 32 to 33, pages 44 to 49, pages 65 to 66
	M02-0600110R0A	2400-2502MHz	5.03 dBi	Fiberglass Omni-directional Antenna	pages 25 to 26, pages 34 to 35, pages 50 to 55, pages 67 to 68
	M02-0200290R0A	2400-2502MHz	2.35 dBi	Dipole Antenna	pages 27 to 28, pages 36 to 37, pages 56 to 61, pages 69 to 70

All channel was listed on the following table:

200K

Channel Number	Freq. (MHz)	Channel Number	Freq. (MHz)	Channel Number	Freq. (MHz)	Channel Number	Freq. (MHz)
0	**2402**	20	2422	40	2442	60	2462
4	2406	24	2426	44	2446	64	2466
8	2410	28	2430	48	2450	68	2470
12	2414	32	2434	52	2454	72	2474
16	2418	**36**	**2438**	56	2458	**76**	**2478**

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 C63.10-2020 + Cor. 1-2023 + C63.10a-2024 + Errata to C63.10a-2024☆	American National Standard for Procedures for Compliance Testing of Unlicensed Wireless Devices

3.2 Test Verdict

No.	Description	FCC Part No.	Test Result	Verdict	Remark
1	Antenna Requirement	15.203	--	Pass	Note
2	20 dB and 99% Bandwidth	15.215(c)	ANNEX A.1	Pass	--
3	AC Conducted Emission	15.207	ANNEX A.2	Pass	--
4	Radiated Spurious Emission	15.249(a)	ANNEX A.3	Pass	--
5	Band Edge(Restricted-band band-edge)	15.249(a)	ANNEX A.4	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	46% to 69%	
Atmospheric Pressure	100 kPa to 102 kPa	
Temperature	NT (Normal Temperature)	+20.2℃ to +25.8℃
Working Voltage of the EUT	NV (Normal Voltage)	3.3 V

4.2 Test Equipment List

Description	Manufacturer	Model	Serial No.	Cal. Date	Cal. Due
Power Sensor	KEYSIGHT	U2063XA	MY58000247	2025.06.16	2026.06.15
				2026.06.01	2027.05.31
Spectrum Analyzer	KEYSIGHT	N9020A	MY52510065	2025.06.16	2026.06.15
				2026.06.01	2027.05.31
Spectrum Analyzer	ROHDE&SCHWARZ	FSV-40	101544	2025.10.30	2026.10.29
Spectrum Analyzer	KEYSIGHT	N9020A	MY54432240	2026.03.24	2027.03.23
Test Antenna-Bi-Log	SCHWARZBECK	VULB 9168	00884	2025.03.01	2028.02.29
Test Antenna-Horn	SCHWARZBECK	BBHA 9120D	01631	2025.02.22	2028.02.21
Test Antenna-Horn	A-INFO	LB-180400KF	J211060273	2024.06.15	2027.06.14
Anechoic Chamber	EMC Electronic Co, Ltd	9m*6m*6m	213	2026.03.03	2028.03.02
Amplifier	COM-MV	LSCX_LNA1-12G-01	180602	2026.05.20	2027.05.19
Amplifier	COM-MV	XKu_LNA7-18G-01	180601	2026.05.20	2027.05.19
Amplifier	COM-MV	KA LNA18 40G-01	10248150	2025.12.04	2026.12.03
EMI Receiver	ROHDE&SCHWARZ	ESR7	103027	2025.10.30	2026.10.29
Test Antenna-Loop	SCHWARZBECK	FMZB 1519	1519-037	2024.01.23	2027.01.22
Amplifier (30MHz-1GHz)	COM-MV	ZT30-1000M	B2018054558	2025.11.26	2026.11.25
Test Antenna-Bi-Log	SCHWARZBECK	VULB 9168	883	2025.03.23	2028.03.22
Anechoic Chamber(10m#2)	YiHeng	21m*11m*8m	101-1	2025.10.16	2028.10.15
EMI Receiver	Keysight	N9038A	MY55330120	2025.06.17	2026.06.16
				2026.06.02	2027.06.01
Amplifier(30MHz-1GHz)	COM-MV	ZT30-1000M	B2017119081	2025.11.26	2026.11.25
Test Antenna-Bi-Log	SCHWARZBECK	VULB 9168	9168-00867	2025.03.23	2028.03.22
Anechoic Chamber	YiHeng	9m*6m*6m	106-1	2026.01.20	2029.01.19

Description	Manufacturer	Model	Serial No.	Cal. Date	Cal. Due
EMI Receiver	KEYSIGHT	N9010B	MY57110309	2025.09.25	2026.09.24
LISN	SCHWARZBECK	NSLK 8127	8127-687	2026.03.25	2027.03.24
ISN	TESEQ	ISN T800	34449	2025.10.20	2026.10.19
ISN	TESEQ	ISN T8-Cat6	53561	2025.06.01	2026.05.31
				2026.05.29	2027.05.28
Shielded Room	Chang Chuang	4m*4m*3m	662	2025.10.12	2028.10.11

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.

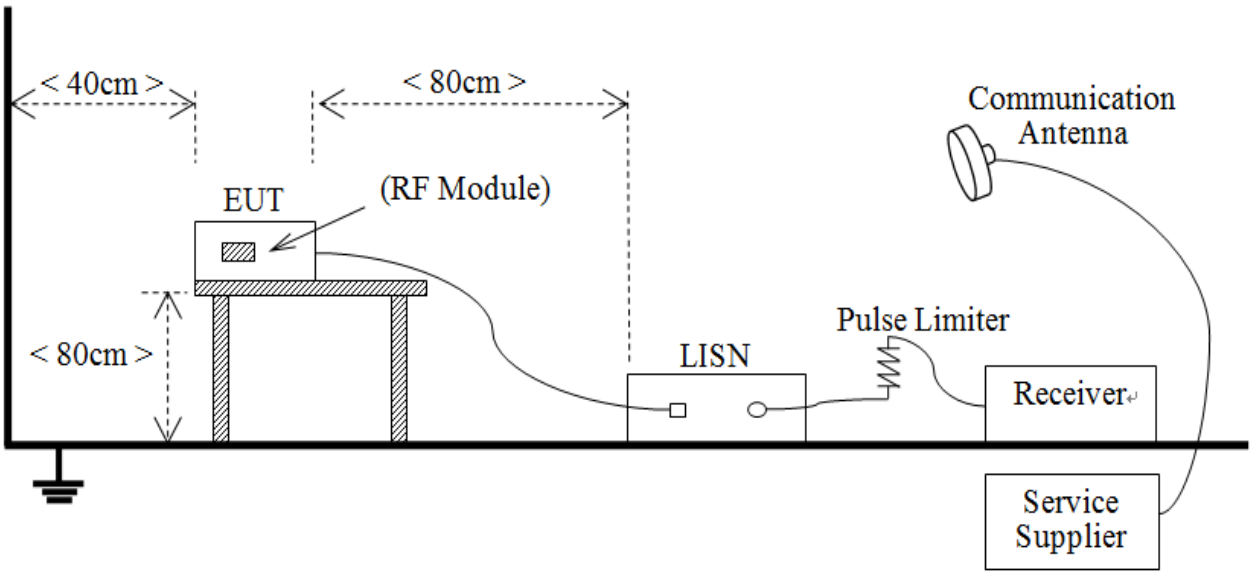
Parameters	Uncertainty
Occupied Channel Bandwidth	2.8%
RF output power, conducted	1.28 dB
Power Spectral Density, conducted	1.30 dB
Unwanted Emissions, conducted	1.84 dB
All emissions, radiated	5.36 dB
Temperature	0.8°C
Humidity	4%

4.4 Description of Test Setup

4.4.1 For Antenna Port Test

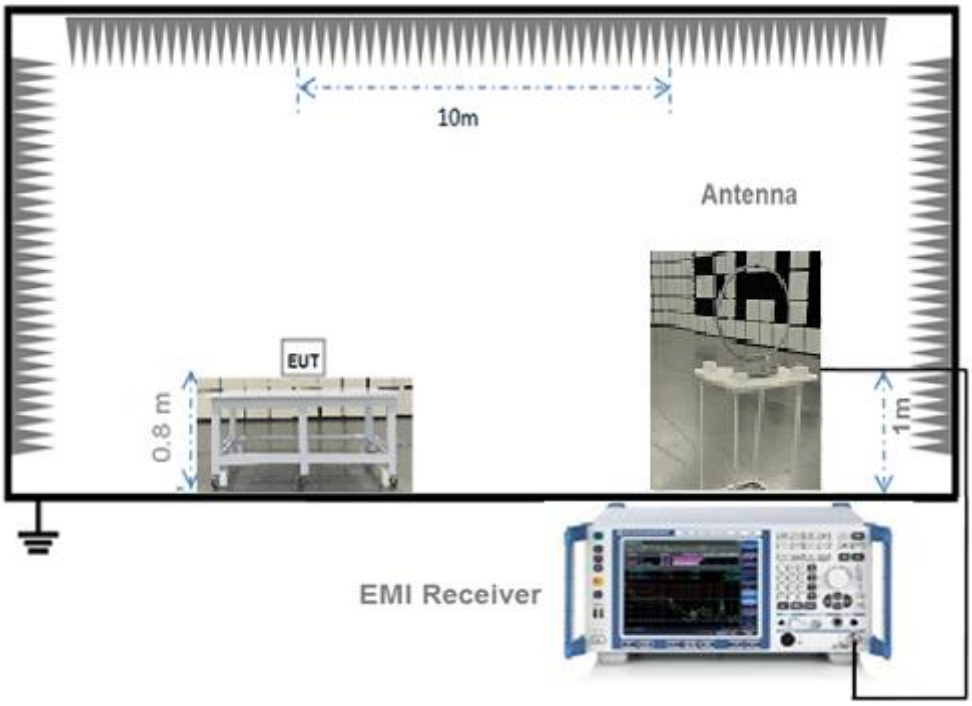
(Diagram 1)

4.4.2 For AC Power Supply Port Test



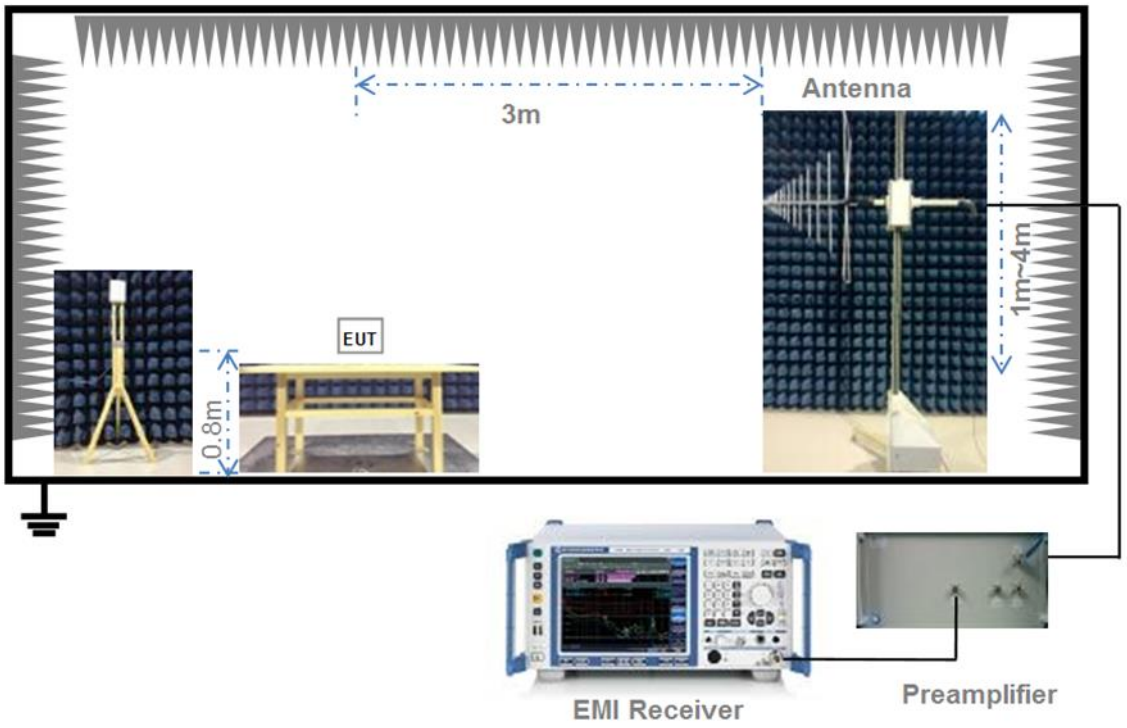
(Diagram 2)

4.4.3 For Radiated Test (Below 30 MHz)



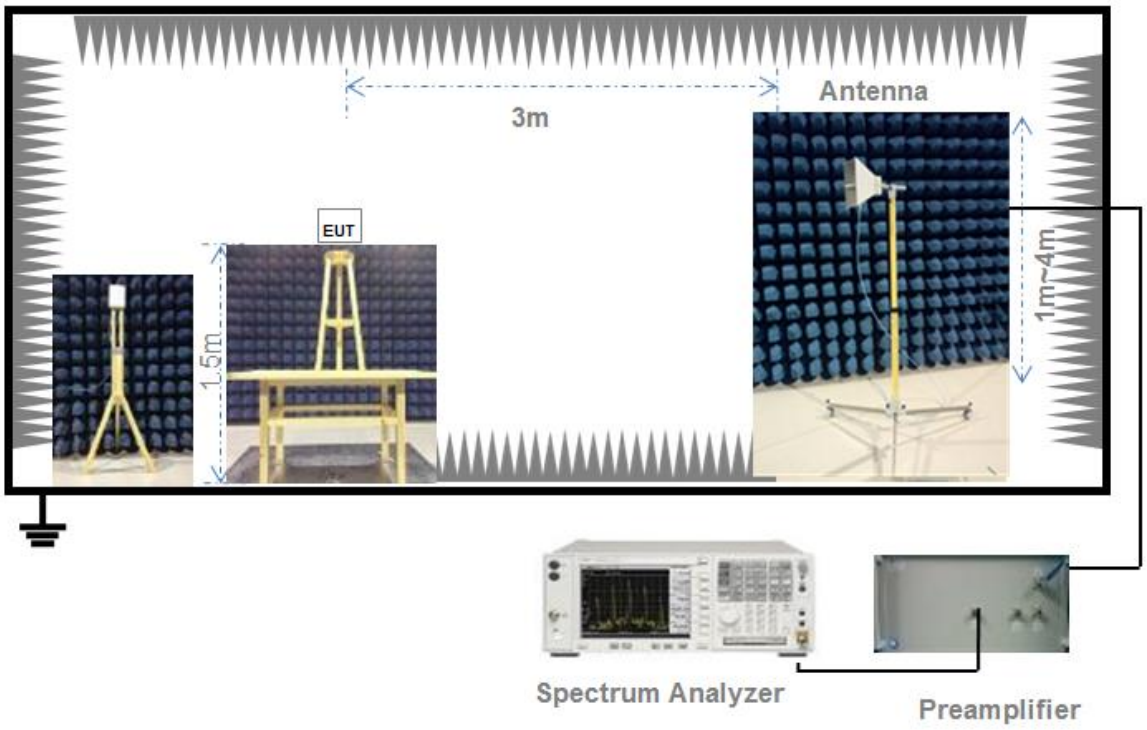
(Diagram 3)

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 & 15.247(b)

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.

If directional gain of transmitting antennas is greater than 6 dBi, the power shall be reduced by the same level in dB comparing to gain minus 6 dBi. For the fixed point-to-point operation, the power shall be reduced by one dB for every 3 dB that the directional gain of the antenna exceeds 6 dBi. 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 FCC rule.

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.

5.1.3 Antenna Gain

The antenna peak gain of EUT is less than 6 dBi. Therefore, it is not necessary to reduce maximum peak output power limit.

5.2 20 dB and 99% Bandwidth

5.2.1 Limit

FCC §15.215(c)

Intentional radiators operating under the alternative provisions to the general emission limits, as contained in § 15.217 through 15.257 and in Subpart E of this part, must be designed to ensure that the 20 dB bandwidth of the emission, or whatever bandwidth may otherwise be specified in the specific rule section under which the equipment operates, is contained within the frequency band designated in the rule section under which the equipment is operated.

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:

Span = approximately 2 to 3 times the 20 dB bandwidth, centered on a hopping channel

RBW ≥ 1% of the 20 dB bandwidth

VBW ≥ RBW

Sweep = auto

Detector function = peak

Trace = max hold

5.2.4 Test Result

Please refer to ANNEX A.1.

5.3 AC Conducted Emission

5.3.1 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

5.3.2 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

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.
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.

5.3.4 Test Result

Please refer to ANNEX A.2.

5.4 Radiated Spurious Emission

5.4.1 Limit

FCC §15.249(a)

Except as provided in paragraph (a) of this section, the field strength of emissions from intentional radiators operated within these frequency bands shall comply with the following:

Frequency (MHz)	Field Strength of Fundamental (mV/m)	Field Strength of Harmonics (μV/m)
902-928	50	500
2400-2483.5	50	500
5725-5875	50	500

Emissions radiated outside of the specified frequency bands, except for harmonics, shall be attenuated by at least 50 dB below the level of the fundamental or to the general radiated emission limits in §15.209, whichever is the lesser attenuation.

According to FCC section 15.209 (a), 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

Note:

1. For Above 1000 MHz, the emission limit in this paragraph is based on measurement instrumentation employing an average detector, measurement using instrumentation with a peak detector function, corresponding to 20 dB above the maximum permitted average limit.
2. For above 1000 MHz, limit field strength of harmonics: 54dBuV/m@3m (AV) and 74dBuV/m@3m (PK).

5.4.2 Test Setups

See section 4.4.2-4.4.5 for test setup description for the antenna port. The photo of test setup please refer to ANNEX B.

5.4.3 Test Procedure

The measurement frequency range is from 9 kHz to the 10th harmonic of the fundamental frequency. 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. Mid channels on all channel bandwidth verified. Only the worst RB size/offset presented. The power of the EUT transmitting frequency should be ignored.

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:
Span = wide enough to fully capture the emission being measured
RBW = 1 MHz for f ≥ 1 GHz, 100 kHz for f < 1 GHz
VBW ≥ RBW
Sweep = auto
Detector function = peak
Trace = max hold

5.4.4 Test Result

Please refer to ANNEX A.3.

5.5 Band Edge (Restricted-band band-edge)

5.5.1 Limit

FCC §15.249(a)

Radiated emission outside the frequency band attenuation below the general limits specified in FCC section 15.209(a) is not required. In addition, radiated emissions which fall in the restricted bands, as defined in FCC section 15.205(a), must also comply with the radiated emission limits specified in FCC section 15.209(a).

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 measurement frequency range is from 9 kHz to the 10th harmonic of the fundamental frequency. 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. Mid channels on all channel bandwidth verified. Only the worst RB size/offset presented.

The power of the EUT transmitting frequency should be ignored.

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:

Span = wide enough to fully capture the emission being measured
RBW = 1 MHz for f ≥ 1 GHz, 100 kHz for f < 1 GHz
VBW ≥ RBW
Sweep = auto
Detector function = peak
Trace = max hold

For measurement below 1GHz, If the emission level of the EUT measured by the peak detector is 3 dB lower than the applicable limit, the peak emission level will be reported, Otherwise, the emission measurement will be repeated using the quasi-peak detector and reported.

5.5.4 Test Result

Please refer to ANNEX A.4.

ANNEX A TEST RESULT

A.1 20 dB and 99% Bandwidth

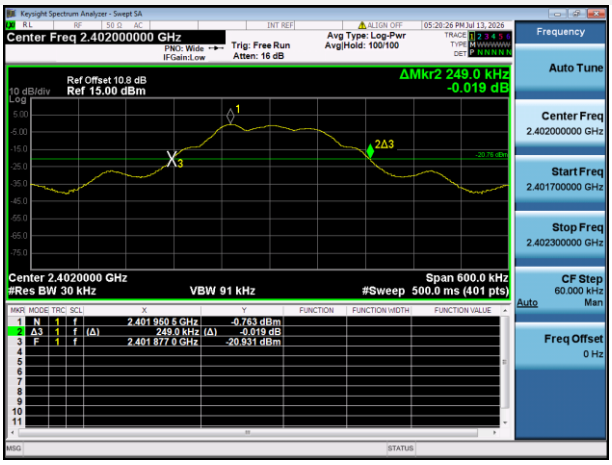
Test Data

Frequency (MHz)	20 dB Bandwidth (MHz)	99% Bandwidth (MHz)
2402	0.249023	0.221224
2440	0.249023	0.221030
2480	0.249023	0.221661

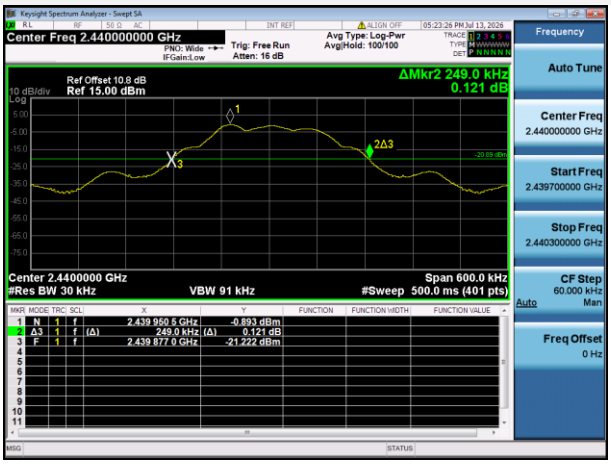
Test Plots

20 dB Bandwidth

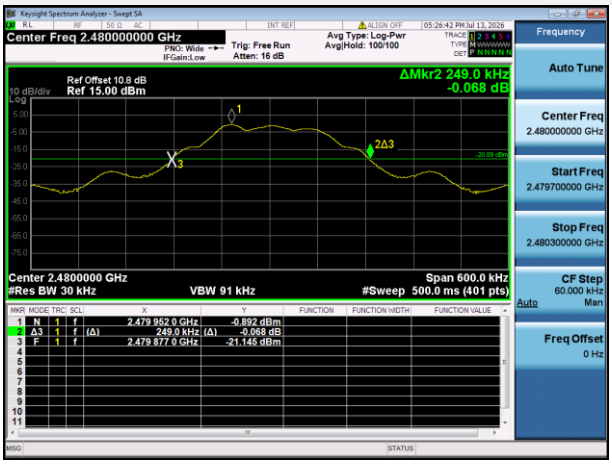
LOW CHANNEL



MIDDLE CHANNEL



HIGH CHANNEL



99% Bandwidth

LOW CHANNEL

MIDDLE CHANNEL

HIGH CHANNEL

A.2 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.

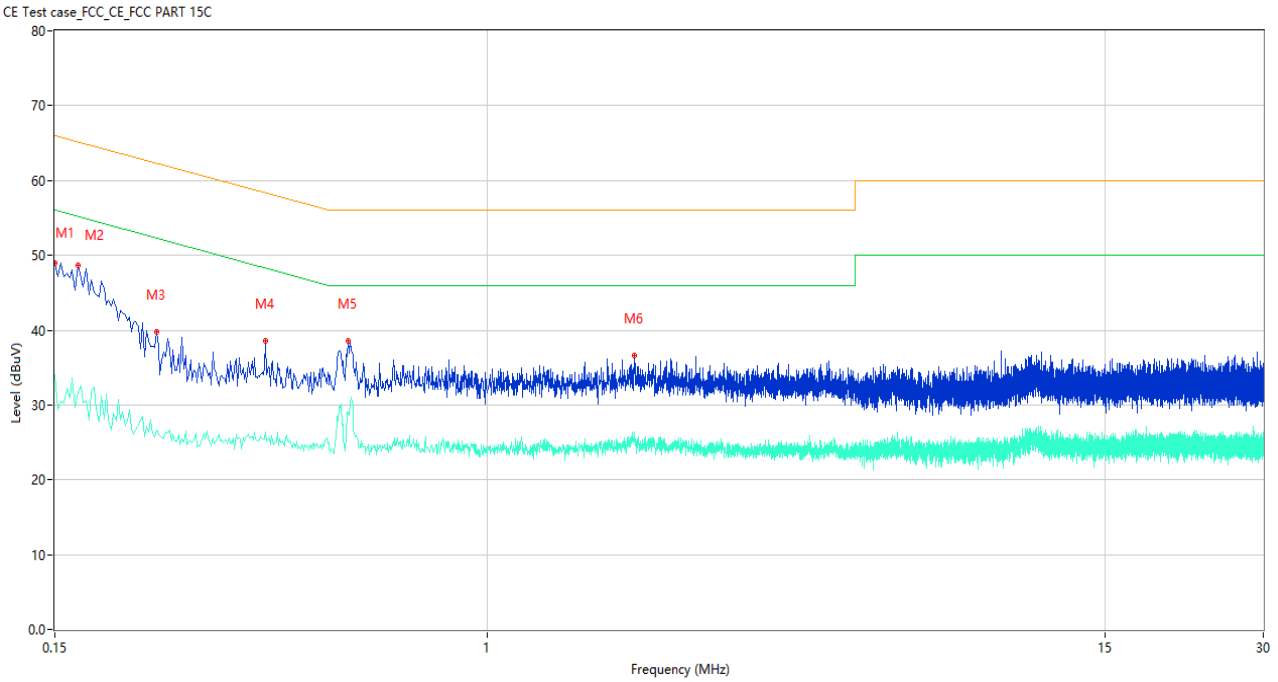
Note [2]: Devices subject to Part 15 must be tested for all available U.S. voltages and frequencies (such as a nominal 120 VAC, 60 Hz and 240 VAC, 50 Hz) for which the device is capable of operation. So, The configuration 120 VAC, 60 Hz and 240 VAC, 50 Hz were tested respectively, but only the worst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

Note [3]: Results (dBuV) = Original reading level of Spectrum Analyzer (dBuV) + Factor (dB)

Test Data and Plots

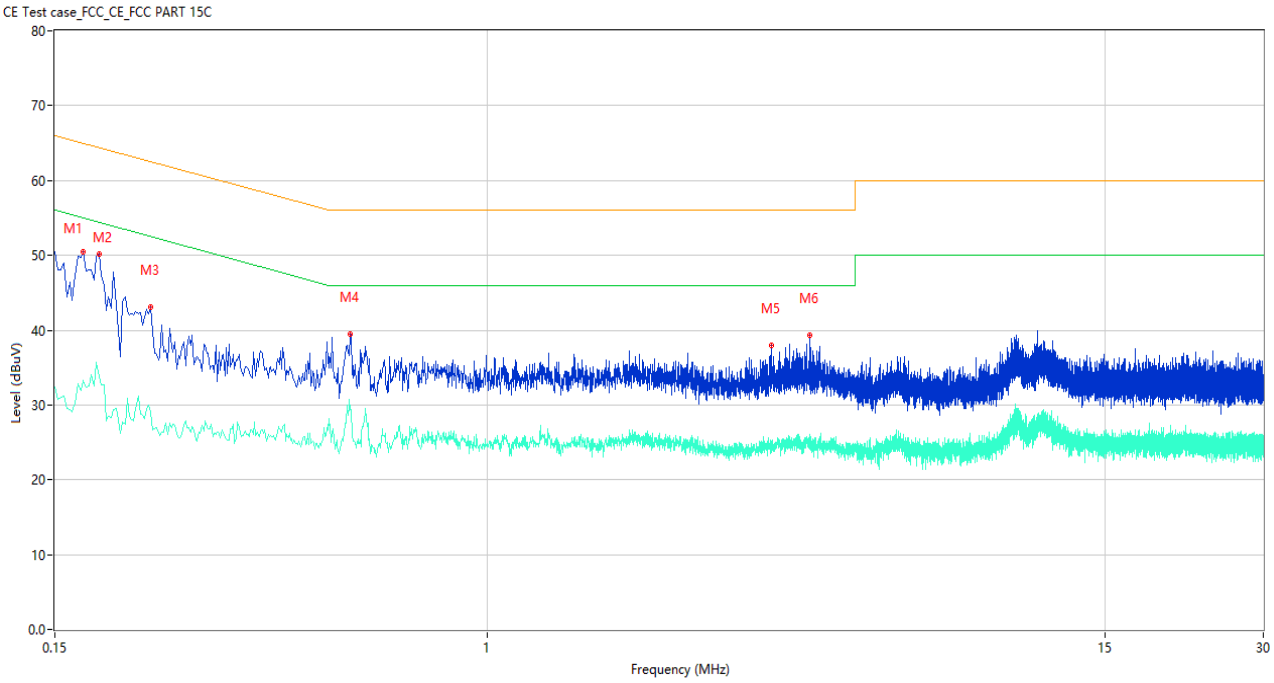
Helical Antenna

PHASE L



No.	Frequency (MHz)	Results (dBuV)	Factor (dB)	Limit (dBuV)	Margin (dB)	Detector	Line	Verdict
1	0.150	49.03	9.77	66.00	16.97	Peak	L	Pass
1**	0.150	34.07	9.77	56.00	21.93	AV	L	Pass
2	0.166	48.72	9.76	65.16	16.44	Peak	L	Pass
2**	0.166	31.80	9.76	55.16	23.36	AV	L	Pass
3	0.234	39.76	9.75	62.31	22.55	Peak	L	Pass
3**	0.234	26.73	9.75	52.31	25.58	AV	L	Pass
4	0.378	38.58	10.62	58.32	19.74	Peak	L	Pass
4**	0.378	26.44	10.62	48.32	21.88	AV	L	Pass
5	0.542	38.56	10.00	56.00	17.44	Peak	L	Pass
5**	0.542	28.96	10.00	46.00	17.04	AV	L	Pass
6	1.906	36.62	10.64	56.00	19.38	Peak	L	Pass
6**	1.906	26.43	10.64	46.00	19.57	AV	L	Pass

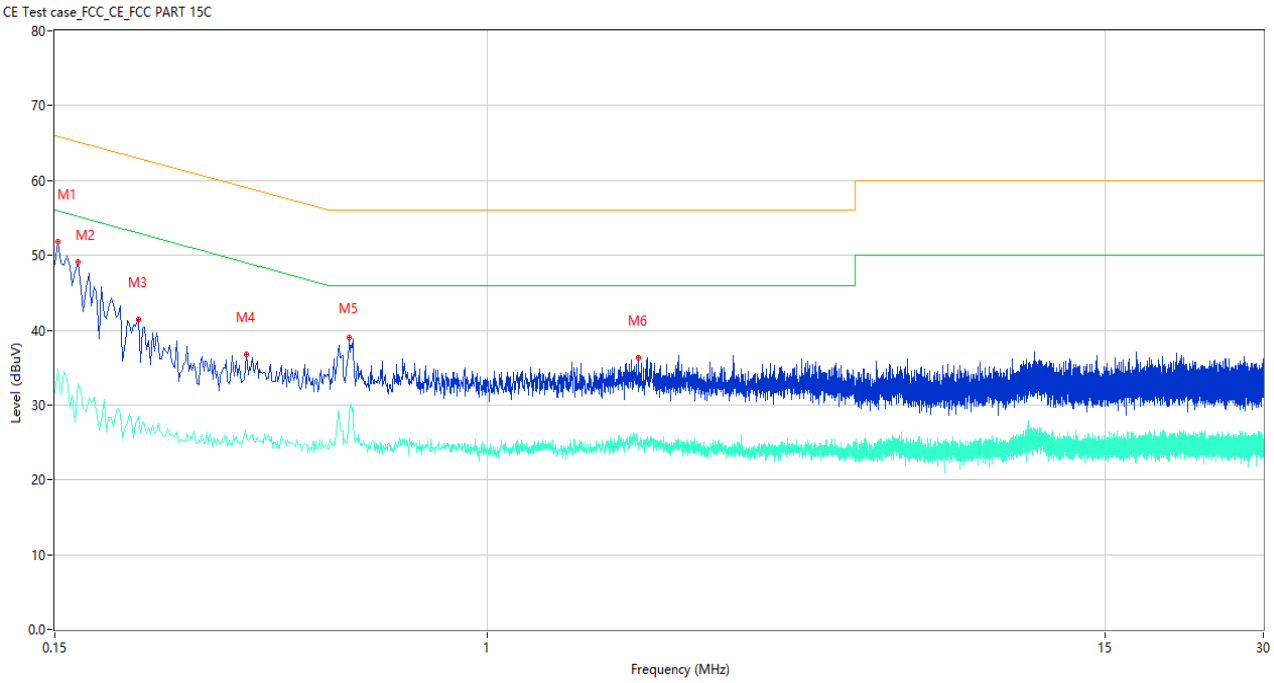
PHASE N



No.	Frequency (MHz)	Results (dBuV)	Factor (dB)	Limit (dBuV)	Margin (dB)	Detector	Line	Verdict
1	0.170	50.47	9.76	64.96	14.49	Peak	N	Pass
1**	0.170	33.32	9.76	54.96	21.64	AV	N	Pass
2	0.182	50.18	9.76	64.39	14.21	Peak	N	Pass
2**	0.182	33.88	9.76	54.39	20.51	AV	N	Pass
3	0.228	43.11	9.75	62.52	19.41	Peak	N	Pass
3**	0.228	29.11	9.75	52.52	23.41	AV	N	Pass
4	0.548	39.50	10.01	56.00	16.50	Peak	N	Pass
4**	0.548	29.38	10.01	46.00	16.62	AV	N	Pass
5	3.476	38.01	10.13	56.00	17.99	Peak	N	Pass
5**	3.476	25.14	10.13	46.00	20.86	AV	N	Pass
6	4.114	39.29	10.18	56.00	16.71	Peak	N	Pass
6**	4.114	26.00	10.18	46.00	20.00	AV	N	Pass

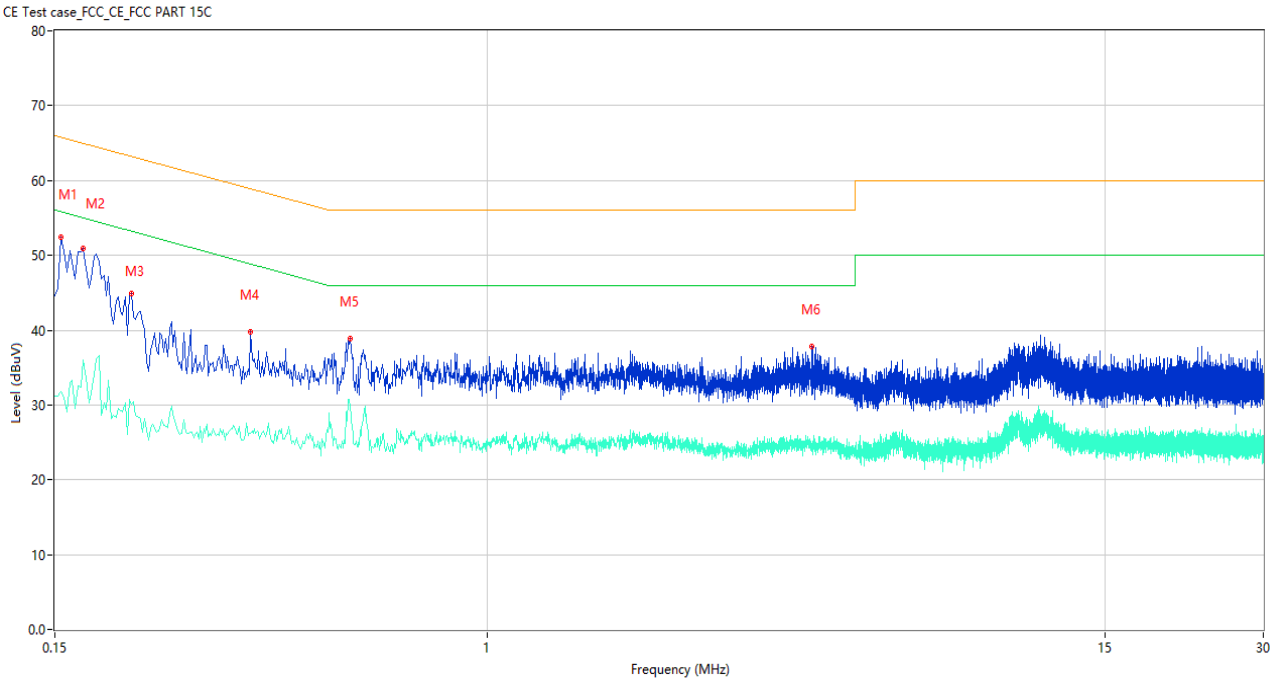
FPC Antenna

PHASE L



No.	Frequency (MHz)	Results (dBuV)	Factor (dB)	Limit (dBuV)	Margin (dB)	Detector	Line	Verdict
1	0.152	51.86	9.77	65.89	14.03	Peak	L	Pass
1**	0.152	34.85	9.77	55.89	21.04	AV	L	Pass
2	0.166	49.05	9.76	65.16	16.11	Peak	L	Pass
2**	0.166	32.84	9.76	55.16	22.32	AV	L	Pass
3	0.216	41.45	9.75	62.97	21.52	Peak	L	Pass
3**	0.216	28.50	9.75	52.97	24.47	AV	L	Pass
4	0.348	36.71	10.70	59.01	22.30	Peak	L	Pass
4**	0.348	25.76	10.70	49.01	23.25	AV	L	Pass
5	0.546	38.97	10.01	56.00	17.03	Peak	L	Pass
5**	0.546	29.23	10.01	46.00	16.77	AV	L	Pass
6	1.936	36.34	10.29	56.00	19.66	Peak	L	Pass
6**	1.936	24.06	10.29	46.00	21.94	AV	L	Pass

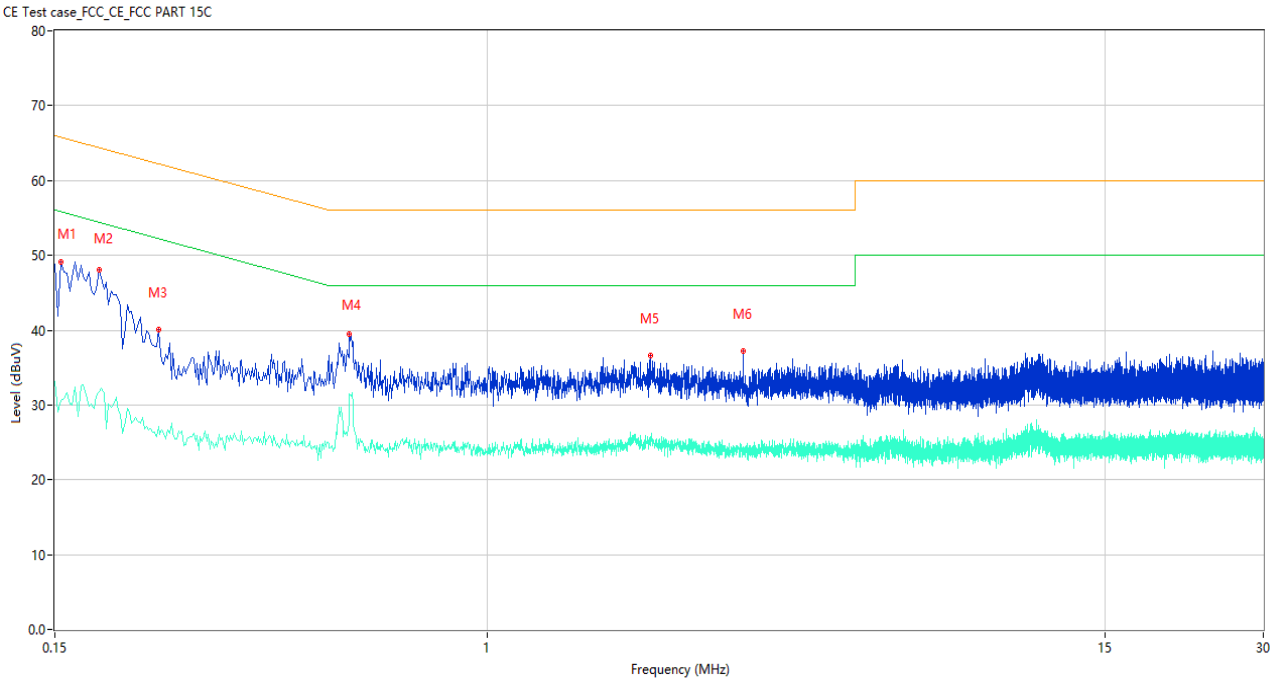
PHASE N



No.	Frequency (MHz)	Results (dBuV)	Factor (dB)	Limit (dBuV)	Margin (dB)	Detector	Line	Verdict
1	0.154	52.36	9.77	65.78	13.42	Peak	N	Pass
1**	0.154	31.76	9.77	55.78	24.02	AV	N	Pass
2	0.170	50.85	9.76	64.96	14.11	Peak	N	Pass
2**	0.170	36.08	9.76	54.96	18.88	AV	N	Pass
3	0.210	44.94	9.75	63.21	18.27	Peak	N	Pass
3**	0.210	30.16	9.75	53.21	23.05	AV	N	Pass
4	0.354	39.81	10.72	58.87	19.06	Peak	N	Pass
4**	0.354	26.27	10.72	48.87	22.60	AV	N	Pass
5	0.548	38.91	10.01	56.00	17.09	Peak	N	Pass
5**	0.548	29.78	10.01	46.00	16.22	AV	N	Pass
6	4.152	37.77	9.87	56.00	18.23	Peak	N	Pass
6**	4.152	24.40	9.87	46.00	21.60	AV	N	Pass

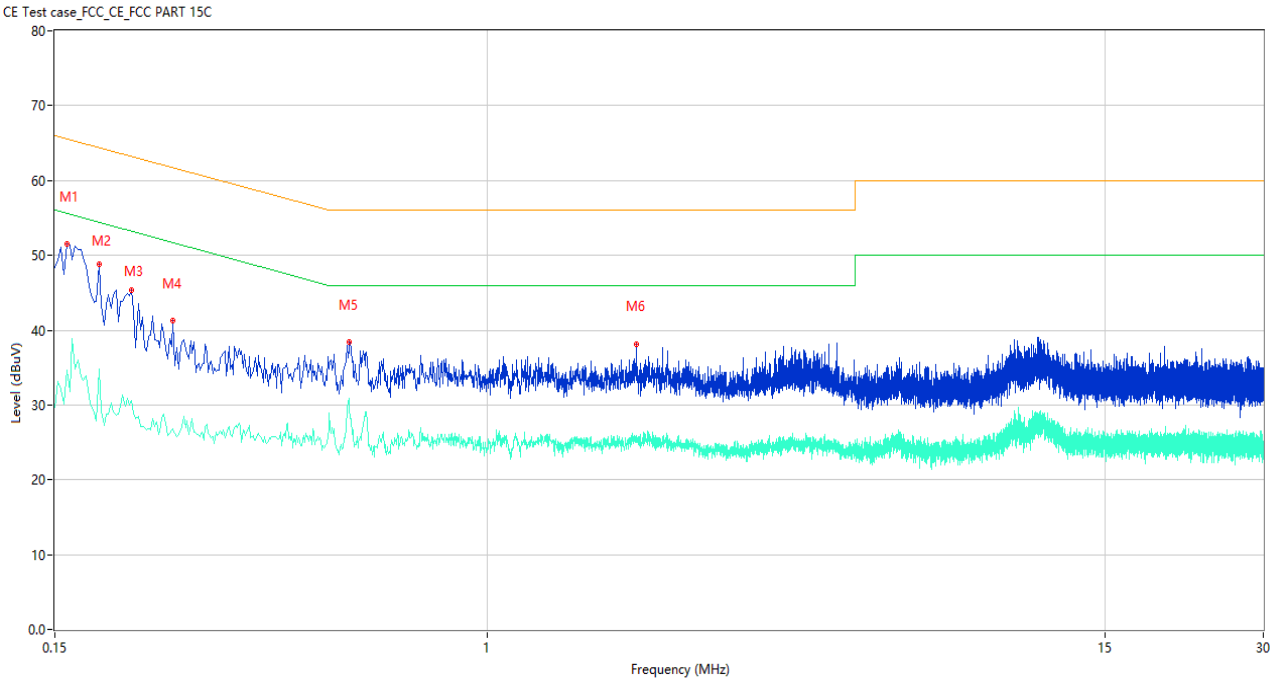
Fiberglass Omni-directional Antenna

PHASE L



No.	Frequency (MHz)	Results (dBuV)	Factor (dB)	Limit (dBuV)	Margin (dB)	Detector	Line	Verdict
1	0.154	49.15	9.77	65.78	16.63	Peak	L	Pass
1**	0.154	30.63	9.77	55.78	25.15	AV	L	Pass
2	0.182	48.11	9.76	64.39	16.28	Peak	L	Pass
2**	0.182	31.72	9.76	54.39	22.67	AV	L	Pass
3	0.236	40.15	9.75	62.24	22.09	Peak	L	Pass
3**	0.236	27.19	9.75	52.24	25.05	AV	L	Pass
4	0.546	39.53	10.01	56.00	16.47	Peak	L	Pass
4**	0.546	31.44	10.01	46.00	14.56	AV	L	Pass
5	2.040	36.62	10.43	56.00	19.38	Peak	L	Pass
5**	2.040	25.80	10.43	46.00	20.20	AV	L	Pass
6	3.070	37.23	9.95	56.00	18.77	Peak	L	Pass
6**	3.070	23.84	9.95	46.00	22.16	AV	L	Pass

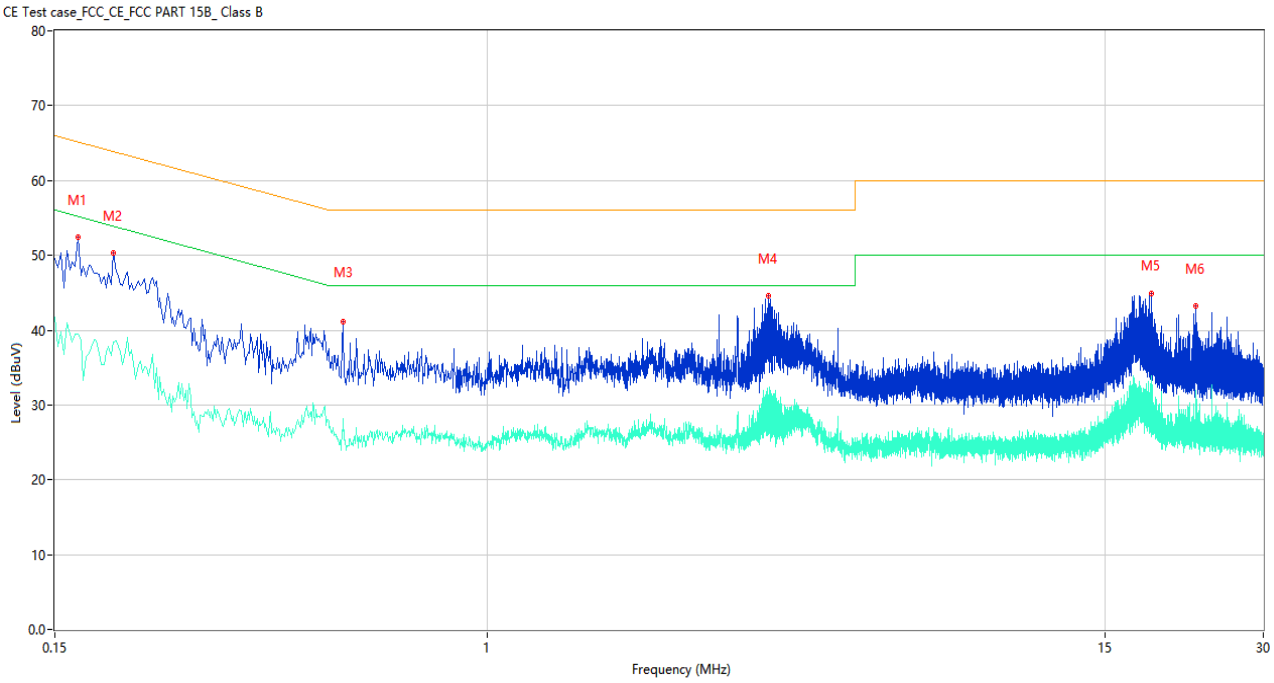
PHASE N



No.	Frequency (MHz)	Results (dBuV)	Factor (dB)	Limit (dBuV)	Margin (dB)	Detector	Line	Verdict
1	0.158	51.51	9.77	65.57	14.06	Peak	N	Pass
1**	0.158	34.67	9.77	55.57	20.90	AV	N	Pass
2	0.182	48.88	9.76	64.39	15.51	Peak	N	Pass
2**	0.182	34.81	9.76	54.39	19.58	AV	N	Pass
3	0.210	45.36	9.75	63.21	17.85	Peak	N	Pass
3**	0.210	30.51	9.75	53.21	22.70	AV	N	Pass
4	0.252	41.29	9.74	61.69	20.40	Peak	N	Pass
4**	0.252	26.76	9.74	51.69	24.93	AV	N	Pass
5	0.546	38.45	10.01	56.00	17.55	Peak	N	Pass
5**	0.546	29.57	10.01	46.00	16.43	AV	N	Pass
6	1.920	38.06	10.48	56.00	17.94	Peak	N	Pass
6**	1.920	25.24	10.48	46.00	20.76	AV	N	Pass

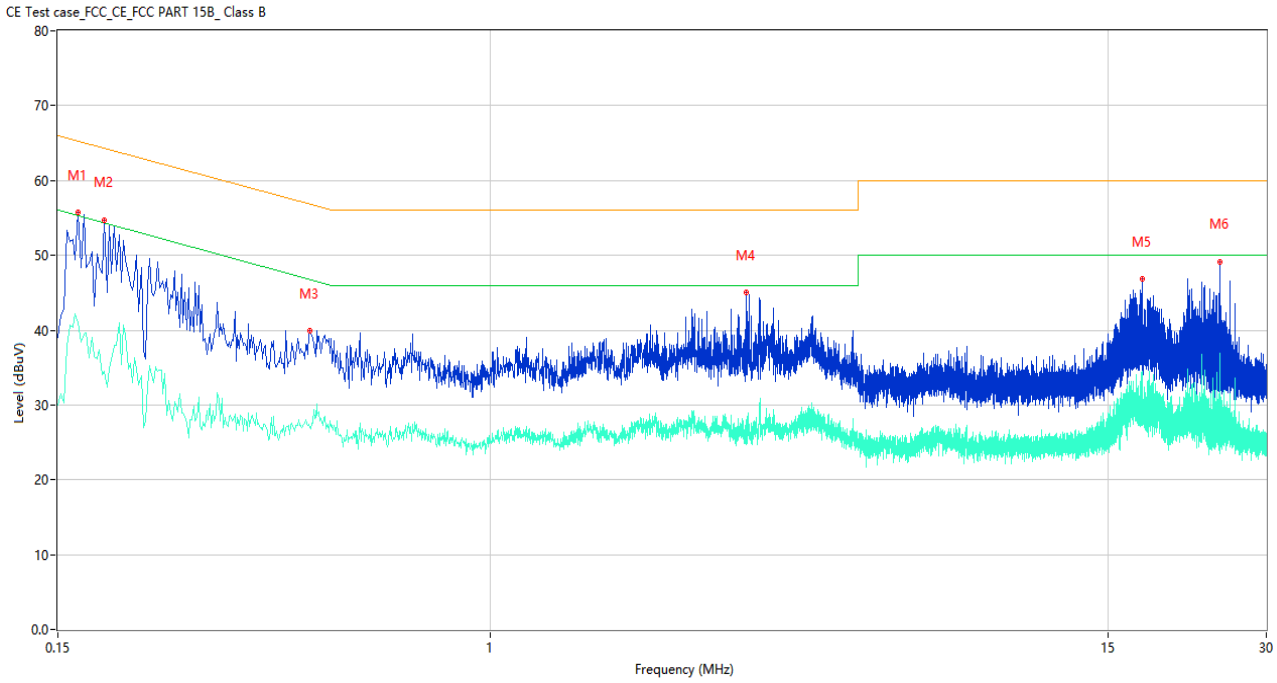
Dipole Antenna

PHASE L



No.	Frequency (MHz)	Results (dBuV)	Factor (dB)	Limit (dBuV)	Margin (dB)	Detector	Line	Verdict
1	0.166	52.46	9.76	65.16	12.70	Peak	L	Pass
1**	0.166	39.44	9.76	55.16	15.72	AV	L	Pass
2	0.194	50.34	9.76	63.86	13.52	Peak	L	Pass
2**	0.194	38.38	9.76	53.86	15.48	AV	L	Pass
3	0.530	41.14	9.99	56.00	14.86	Peak	L	Pass
3**	0.530	26.49	9.99	46.00	19.51	AV	L	Pass
4	3.420	44.53	10.23	56.00	11.47	Peak	L	Pass
4**	3.420	31.26	10.23	46.00	14.74	AV	L	Pass
5	18.386	44.84	11.00	60.00	15.16	Peak	L	Pass
5**	18.386	33.97	11.00	50.00	16.03	AV	L	Pass
6	22.336	43.29	11.17	60.00	16.71	Peak	L	Pass
6**	22.336	31.91	11.17	50.00	18.09	AV	L	Pass

PHASE N



No.	Frequency (MHz)	Results (dBuV)	Factor (dB)	Limit (dBuV)	Margin (dB)	Detector	Line	Verdict
1	0.164	55.71	9.76	65.26	9.55	Peak	N	Pass
1**	0.164	40.99	9.76	55.26	14.27	AV	N	Pass
2	0.184	54.76	9.76	64.30	9.54	Peak	N	Pass
2**	0.184	34.49	9.76	54.30	19.81	AV	N	Pass
3	0.452	39.92	10.01	56.84	16.92	Peak	N	Pass
3**	0.452	27.01	10.01	46.84	19.83	AV	N	Pass
4	3.062	45.04	9.99	56.00	10.96	Peak	N	Pass
4**	3.062	27.99	9.99	46.00	18.01	AV	N	Pass
5	17.394	46.79	11.02	60.00	13.21	Peak	N	Pass
5**	17.394	30.46	11.02	50.00	19.54	AV	N	Pass
6	24.510	49.06	10.79	60.00	10.94	Peak	N	Pass
6**	24.510	35.98	10.79	50.00	14.02	AV	N	Pass

A.3 Radiated Emission

Note [1]: The symbol of “--” in the table which means not application.

Note [2]: For the test data above 1 GHz, according the ANSI C63.10-2020 + Cor. 1-2023 + C63.10a-2024 + Errata to C63.10a-2024, where limits are specified for both average and peak (or quasi-peak) detector functions, if the peak (or quasi-peak) measured value complies with the average limit, it is unnecessary to perform an average measurement.

Note [3]: 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 15.31(o) was not reported.

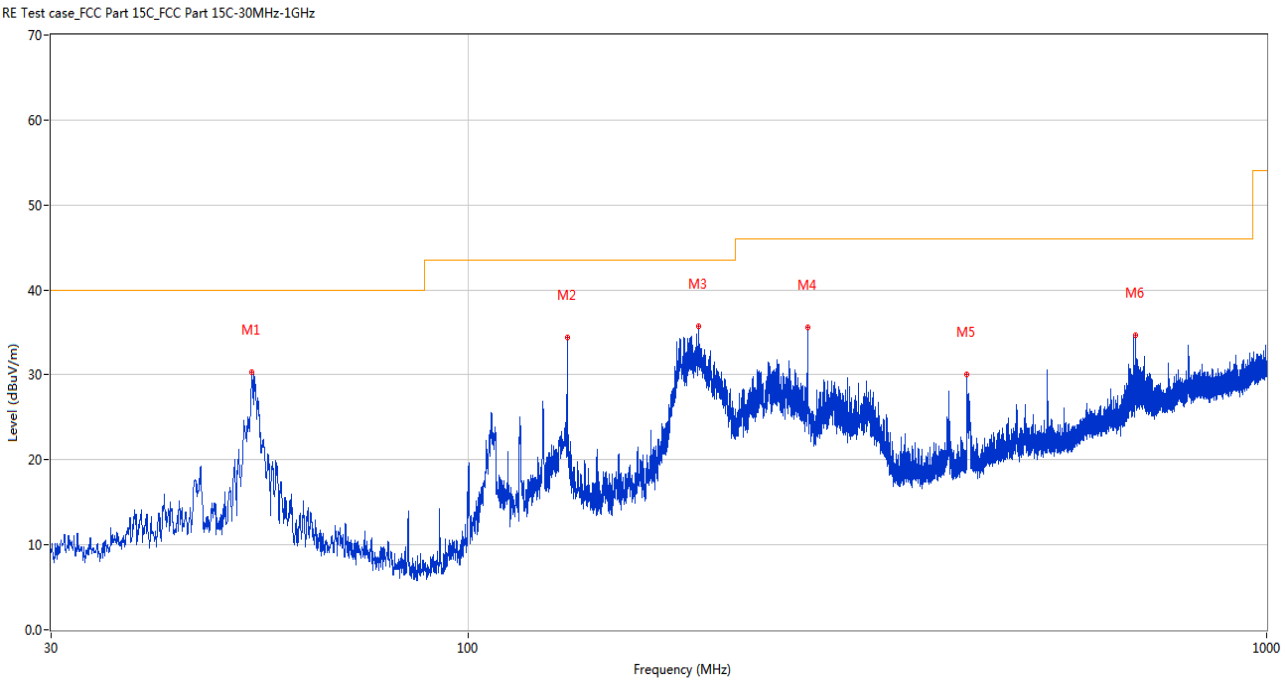
Note [4]: Results (dBuV/m) = Original reading level of Spectrum Analyzer (dBuV/m) + Factor (dB)

Note [5]: The center channel Average Results (dBuV/m) = Peak Results(dBuV/m) + Factor (dB); Duty cycle correction factor=20*log(Duty Cycle) (dB)

Test Data and Plots

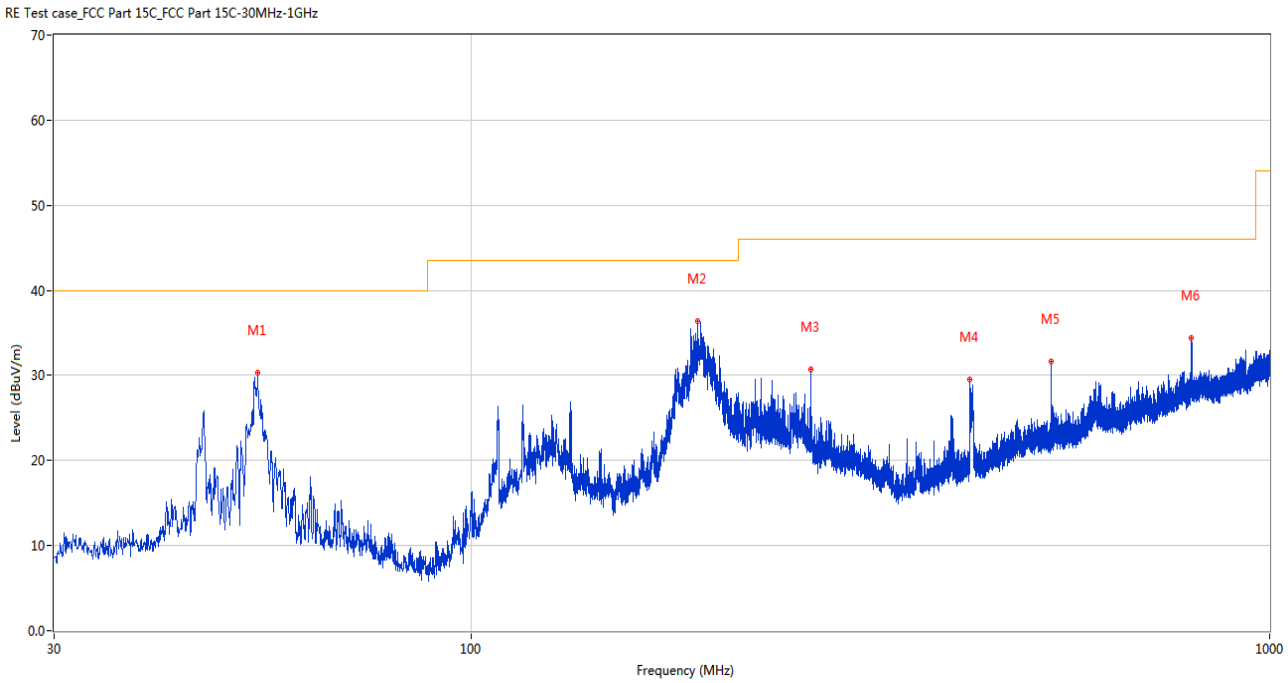
Helical Antenna

30 MHz to 1 GHz, ANT H



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	53.523	30.30	-24.93	40.0	9.70	Peak	196.00	200	Horizontal	Pass
2	133.160	34.46	-25.15	43.5	9.04	Peak	188.00	200	Horizontal	Pass
3	194.076	35.75	-26.60	43.5	7.75	Peak	273.00	200	Horizontal	Pass
4	266.438	35.59	-23.62	46.0	10.41	Peak	125.00	100	Horizontal	Pass
5	421.250	30.02	-18.33	46.0	15.98	Peak	265.00	200	Horizontal	Pass
6	685.235	34.73	-11.57	46.0	11.27	Peak	232.00	100	Horizontal	Pass

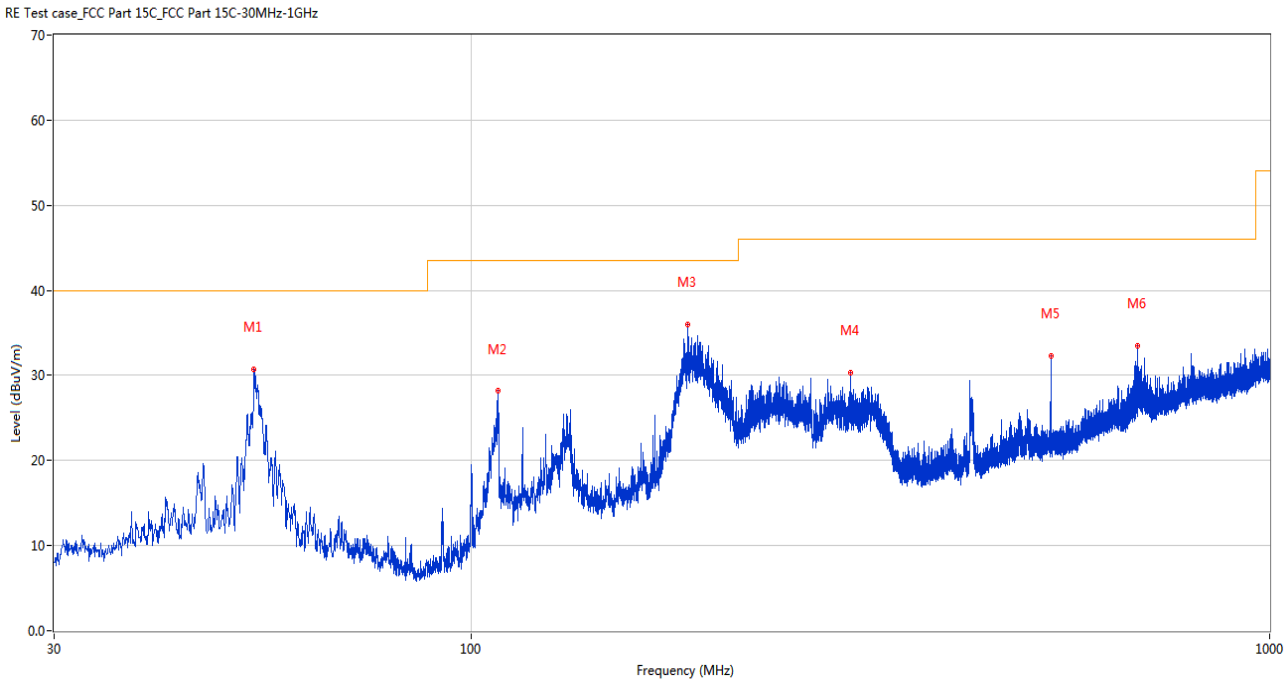
30 MHz to 1 GHz, ANT V



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	53.959	30.28	-24.95	40.0	9.72	Peak	291.00	100	Vertical	Pass
2	191.796	36.40	-26.53	43.5	7.10	Peak	257.00	100	Vertical	Pass
3	266.389	30.76	-23.61	46.0	15.24	Peak	122.00	200	Vertical	Pass
4	421.250	29.58	-18.33	46.0	16.42	Peak	207.00	100	Vertical	Pass
5	532.994	31.62	-15.07	46.0	14.38	Peak	156.00	200	Vertical	Pass
6	796.446	34.36	-9.04	46.0	11.64	Peak	207.00	100	Vertical	Pass

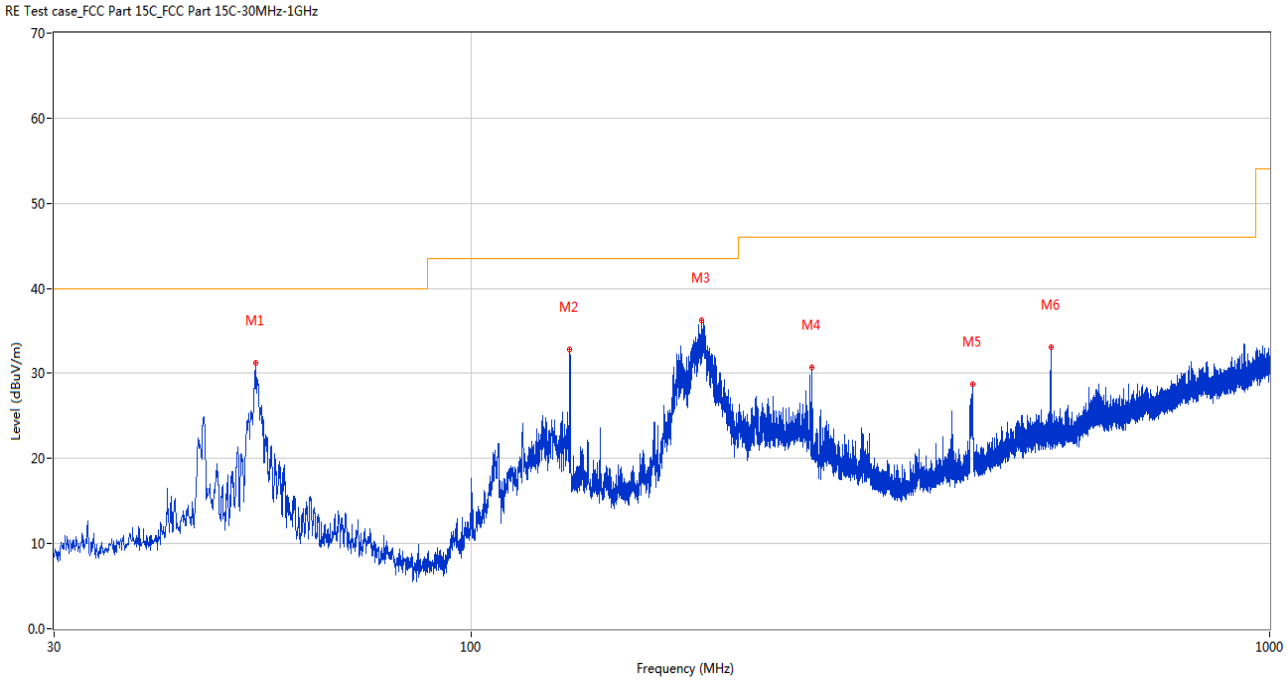
FPC Antenna

30 MHz to 1 GHz, ANT H



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	53.425	30.78	-24.93	40.0	9.22	Peak	360.00	200	Horizontal	Pass
2	107.842	28.15	-27.77	43.5	15.35	Peak	0.00	200	Horizontal	Pass
3	186.849	36.01	-26.04	43.5	7.49	Peak	271.00	200	Horizontal	Pass
4	298.738	30.31	-22.05	46.0	15.69	Peak	278.00	100	Horizontal	Pass
5	532.994	32.28	-15.07	46.0	13.72	Peak	233.00	100	Horizontal	Pass
6	683.634	33.49	-11.68	46.0	12.51	Peak	242.00	100	Horizontal	Pass

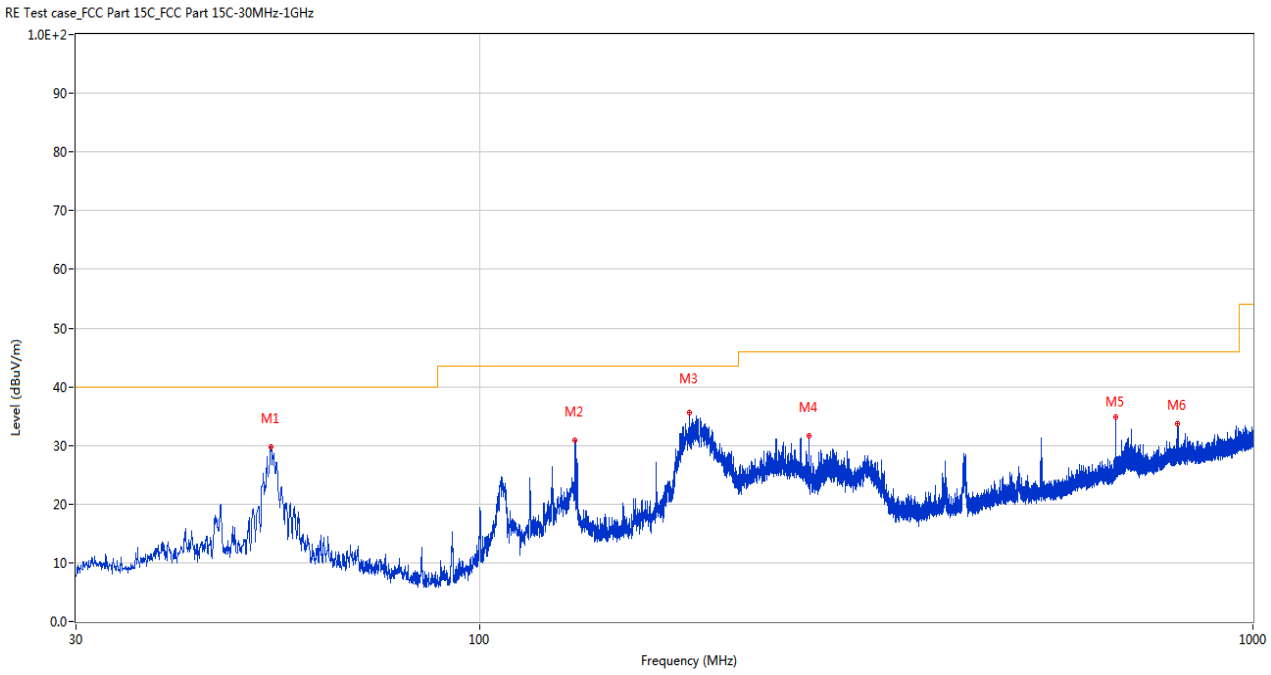
30 MHz to 1 GHz, ANT V



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	53.620	31.30	-24.93	40.0	8.70	Peak	262.00	100	Vertical	Pass
2	132.820	32.77	-25.20	43.5	10.73	Peak	347.00	100	Vertical	Pass
3	194.512	36.31	-26.61	43.5	7.19	Peak	246.00	100	Vertical	Pass
4	266.680	30.74	-23.62	46.0	15.26	Peak	172.00	100	Vertical	Pass
5	424.693	28.77	-17.93	46.0	17.23	Peak	181.00	100	Vertical	Pass
6	531.927	33.09	-15.18	46.0	12.91	Peak	5.00	100	Vertical	Pass

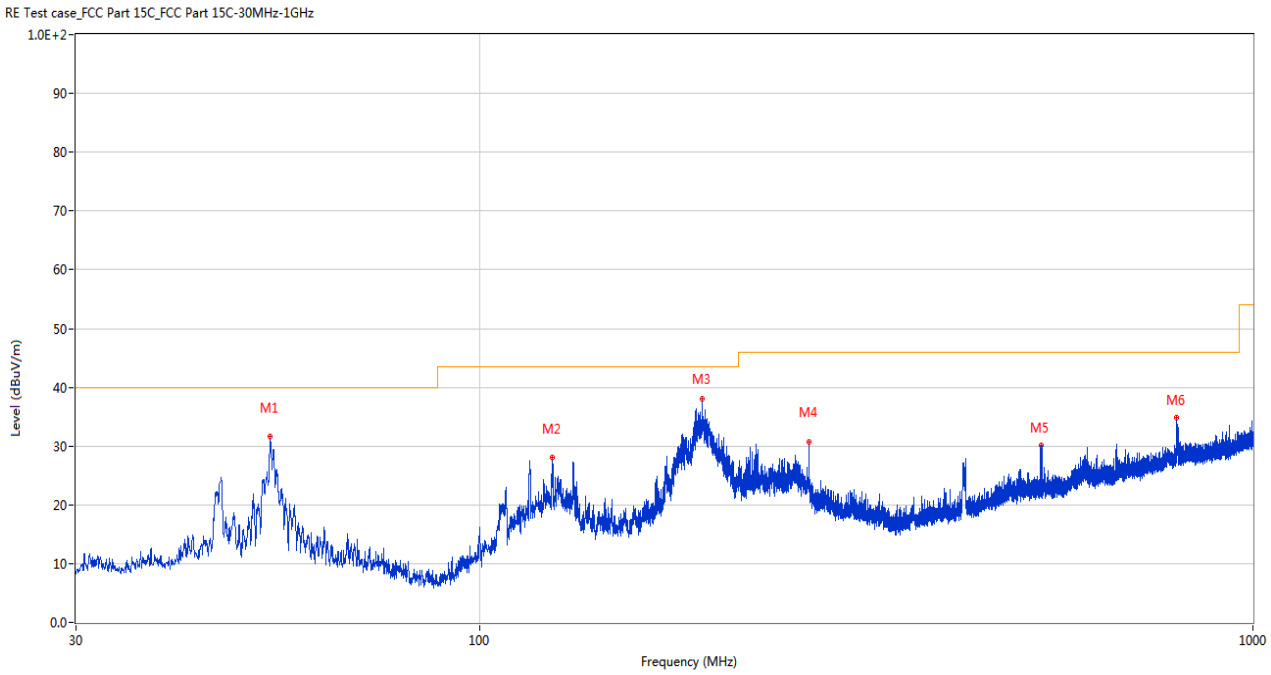
Fiberglass Omni-directional Antenna

30 MHz to 1 GHz, ANT H



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	53.571	29.70	-24.93	40.0	10.30	Peak	327.00	200	Horizontal	Pass
2	132.771	30.86	-25.20	43.5	12.64	Peak	174.00	200	Horizontal	Pass
3	186.752	35.53	-26.03	43.5	7.97	Peak	275.00	200	Horizontal	Pass
4	266.147	31.58	-23.61	46.0	14.42	Peak	57.00	100	Horizontal	Pass
5	664.234	34.80	-11.92	46.0	11.20	Peak	244.00	100	Horizontal	Pass
6	798.580	33.63	-9.07	46.0	12.37	Peak	223.00	100	Horizontal	Pass

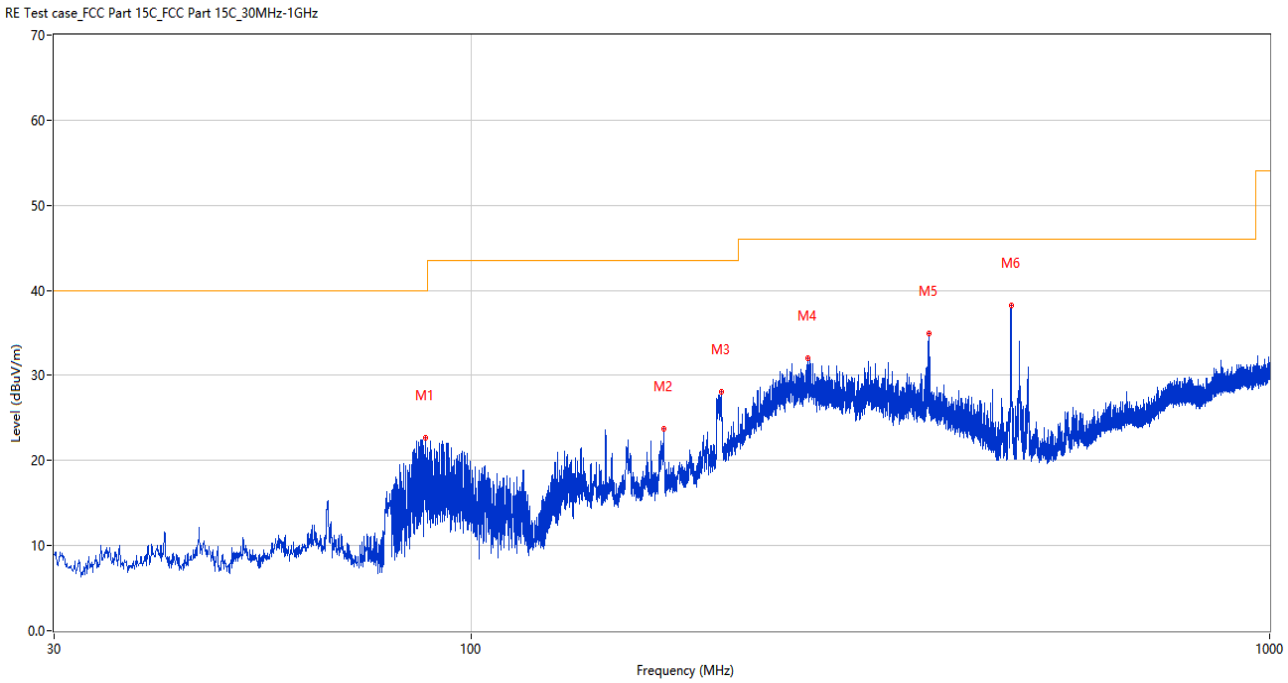
30 MHz to 1 GHz, ANT V



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	53.474	31.55	-24.93	40.0	8.45	Peak	283.00	100	Vertical	Pass
2	124.090	28.04	-26.35	43.5	15.46	Peak	152.00	100	Vertical	Pass
3	193.639	38.08	-26.59	43.5	5.42	Peak	232.00	100	Vertical	Pass
4	266.680	30.74	-23.62	46.0	15.26	Peak	126.00	100	Vertical	Pass
5	532.994	30.10	-15.07	46.0	15.90	Peak	179.00	100	Vertical	Pass
6	797.028	34.87	-9.02	46.0	11.13	Peak	215.00	100	Vertical	Pass

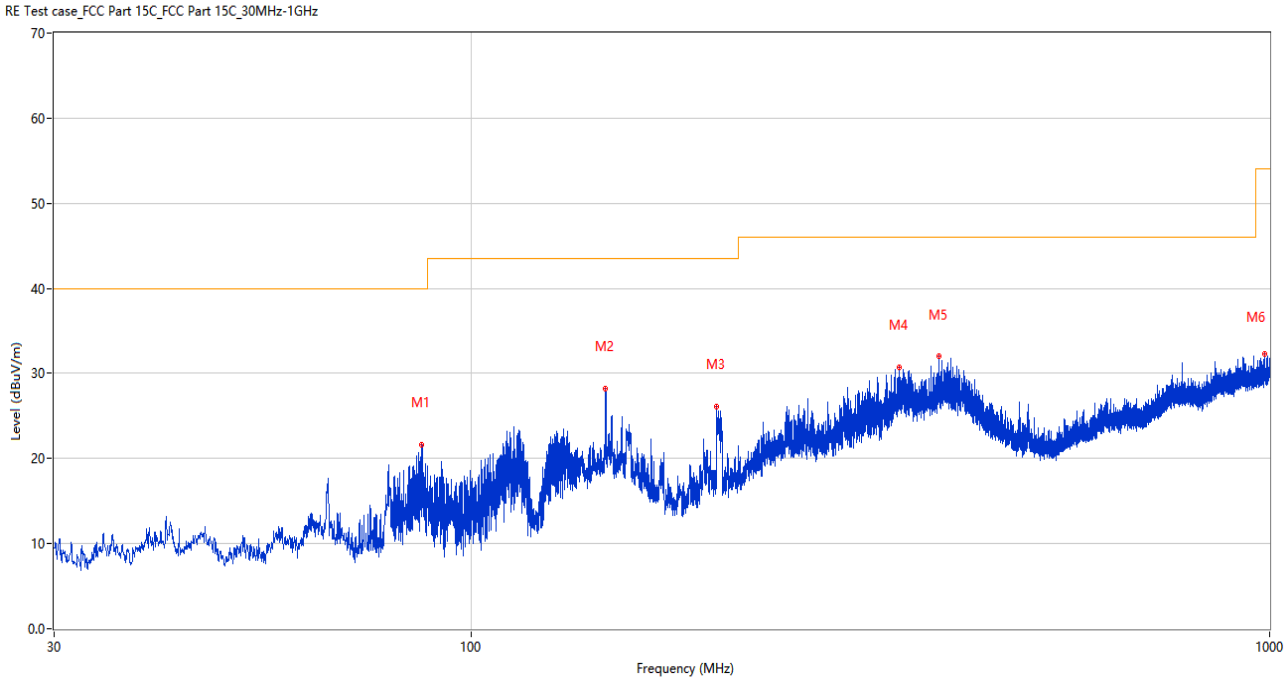
Dipole Antenna

30 MHz to 1 GHz, ANT H



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	87.618	22.74	-34.07	40.0	17.26	Peak	260.40	200	Horizontal	Pass
2	174.239	23.72	-27.99	43.5	19.78	Peak	268.70	200	Horizontal	Pass
3	205.570	28.05	-30.24	43.5	15.45	Peak	258.30	100	Horizontal	Pass
4	264.013	32.05	-27.30	46.0	13.95	Peak	72.60	100	Horizontal	Pass
5	374.059	34.97	-23.06	46.0	11.03	Peak	82.60	100	Horizontal	Pass
6	474.163	38.29	-19.77	46.0	7.71	Peak	63.10	100	Horizontal	Pass

30 MHz to 1 GHz, ANT V



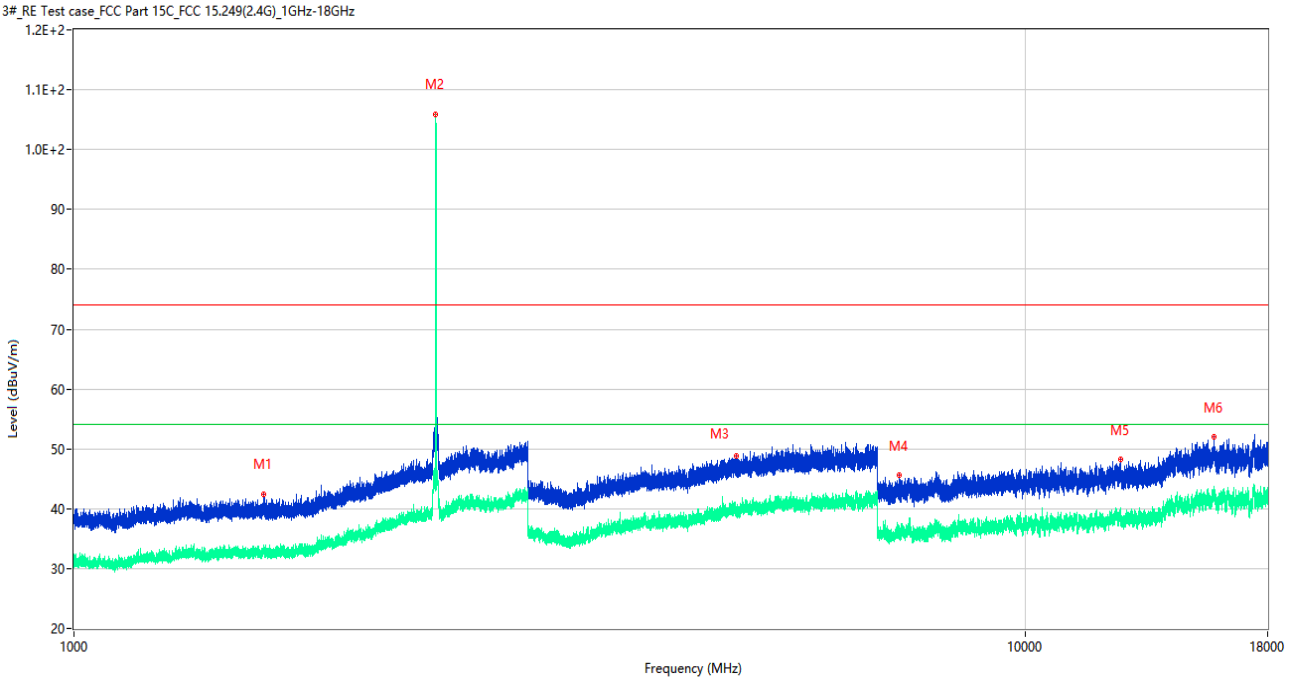
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	86.697	21.57	-34.00	40.0	18.43	Peak	258.70	100	Vertical	Pass
2	147.273	28.23	-27.48	43.5	15.27	Peak	3.90	100	Vertical	Pass
3	202.854	26.08	-30.26	43.5	17.42	Peak	216.50	100	Vertical	Pass
4	343.116	30.68	-24.08	46.0	15.32	Peak	182.10	100	Vertical	Pass
5	385.311	31.98	-22.57	46.0	14.02	Peak	213.10	100	Vertical	Pass
6	986.614	32.34	-9.04	54.0	21.66	Peak	289.70	100	Vertical	Pass

Note [1]: The marked spikes near 2400 MHz with circle should be ignored because they are Fundamental signal.

Note [2]: The spurious from 18GHz-25GHz is noise only, do not show on the report.

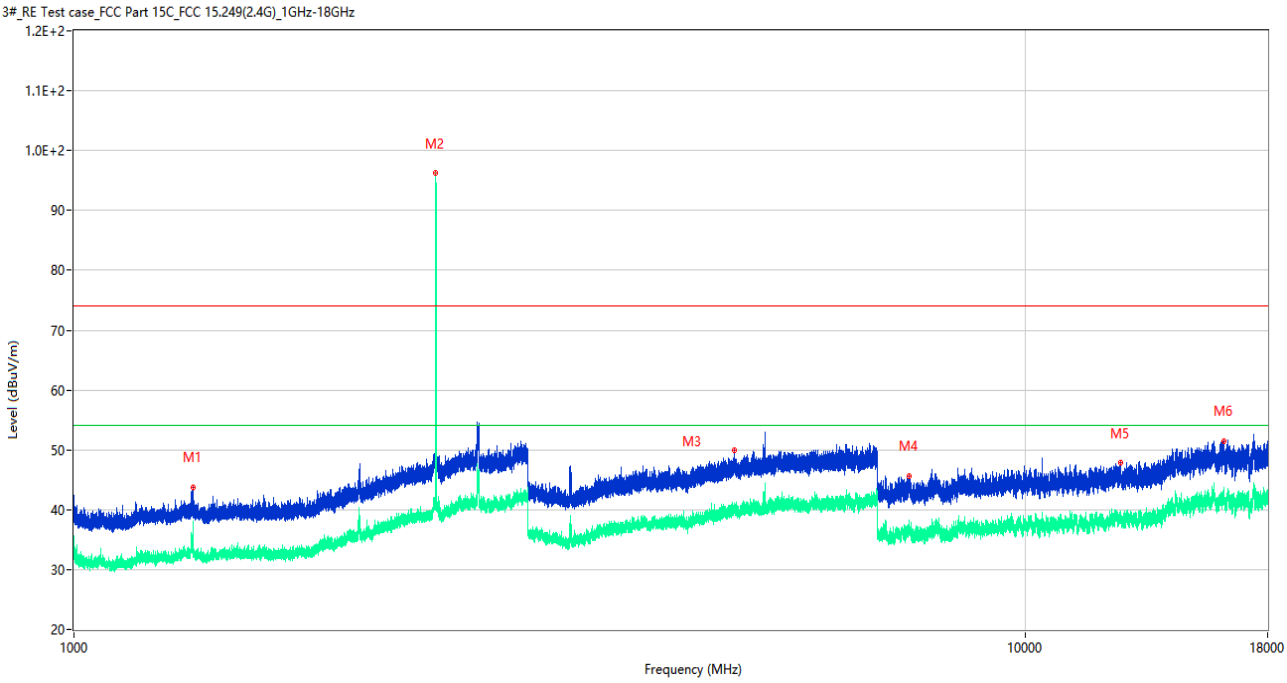
Helical Antenna

LOW CHANNEL 1 GHz to 18 GHz, ANT H



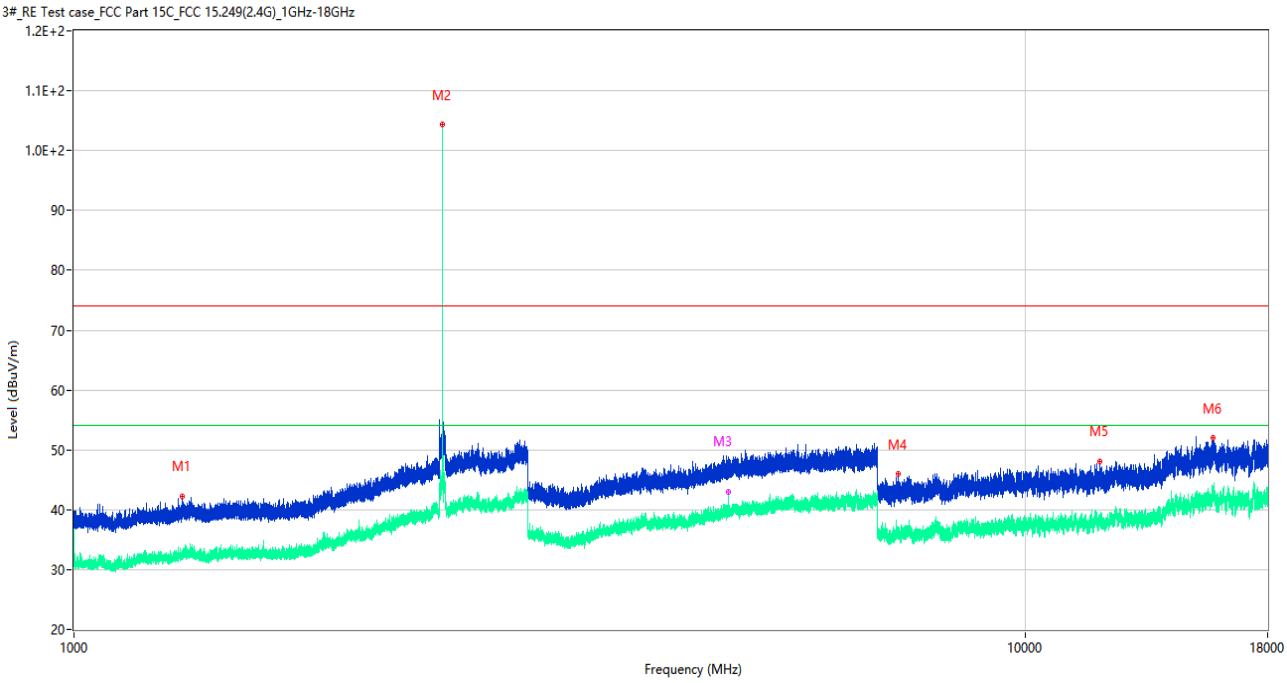
No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1584.000	42.47	114.20	71.73	Peak	22.00	100	Horizontal	Pass
1**	1584.000	33.12	94.20	61.08	AV	22.00	100	Horizontal	Pass
2	2402.000	105.89	--	--	Peak	75.00	200	Horizontal	N/A
2**	2402.000	105.76	--	--	AV	75.00	200	Horizontal	N/A
3	4975.000	48.83	114.20	65.37	Peak	102.00	200	Horizontal	Pass
3**	4975.000	39.85	94.20	54.35	AV	102.00	200	Horizontal	Pass
4	7379.500	45.55	114.20	68.65	Peak	37.00	200	Horizontal	Pass
4**	7379.500	36.60	94.20	57.6	AV	37.00	200	Horizontal	Pass
5	12607.112	48.23	114.20	65.97	Peak	37.00	200	Horizontal	Pass
5**	12607.112	38.71	94.20	55.49	AV	37.00	200	Horizontal	Pass
6	15807.075	51.97	114.20	62.23	Peak	323.00	100	Horizontal	Pass
6**	15807.075	43.59	94.20	50.61	AV	323.00	100	Horizontal	Pass

LOW CHANNEL 1 GHz to 18 GHz, ANT V



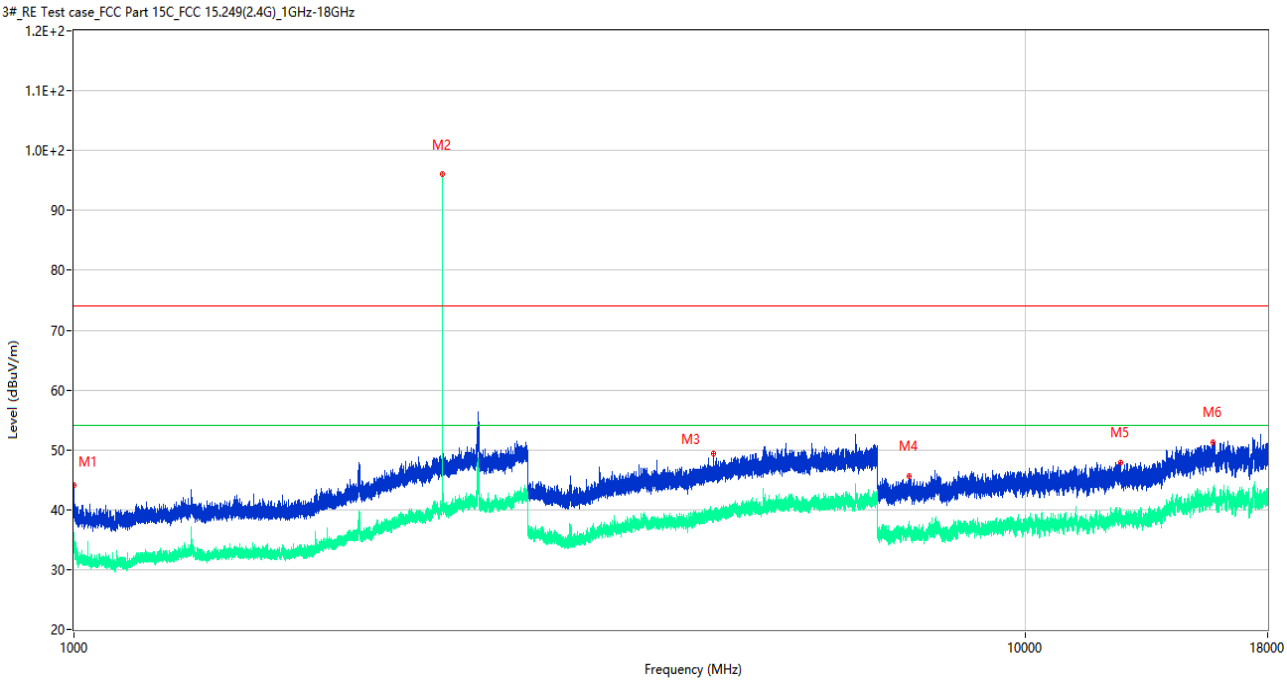
No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1333.200	43.76	114.20	70.44	Peak	135.00	400	Vertical	Pass
1**	1333.200	32.13	94.20	62.07	AV	135.00	400	Vertical	Pass
2	2402.000	96.23	--	--	Peak	103.00	150	Vertical	N/A
2**	2402.000	96.22	--	--	AV	103.00	150	Vertical	N/A
3	4949.800	50.01	114.20	64.19	Peak	43.00	150	Vertical	Pass
3**	4949.800	39.63	94.20	54.57	AV	43.00	150	Vertical	Pass
4	7551.138	45.69	114.20	68.51	Peak	254.00	400	Vertical	Pass
4**	7551.138	37.56	94.20	56.64	AV	254.00	400	Vertical	Pass
5	12610.562	47.80	114.20	66.4	Peak	325.00	150	Vertical	Pass
5**	12610.562	39.05	94.20	55.15	AV	325.00	150	Vertical	Pass
6	16187.437	51.54	114.20	62.66	Peak	165.00	400	Vertical	Pass
6**	16187.437	42.66	94.20	51.54	AV	165.00	400	Vertical	Pass

MIDDLE CHANNEL 1 GHz to 18 GHz, ANT H



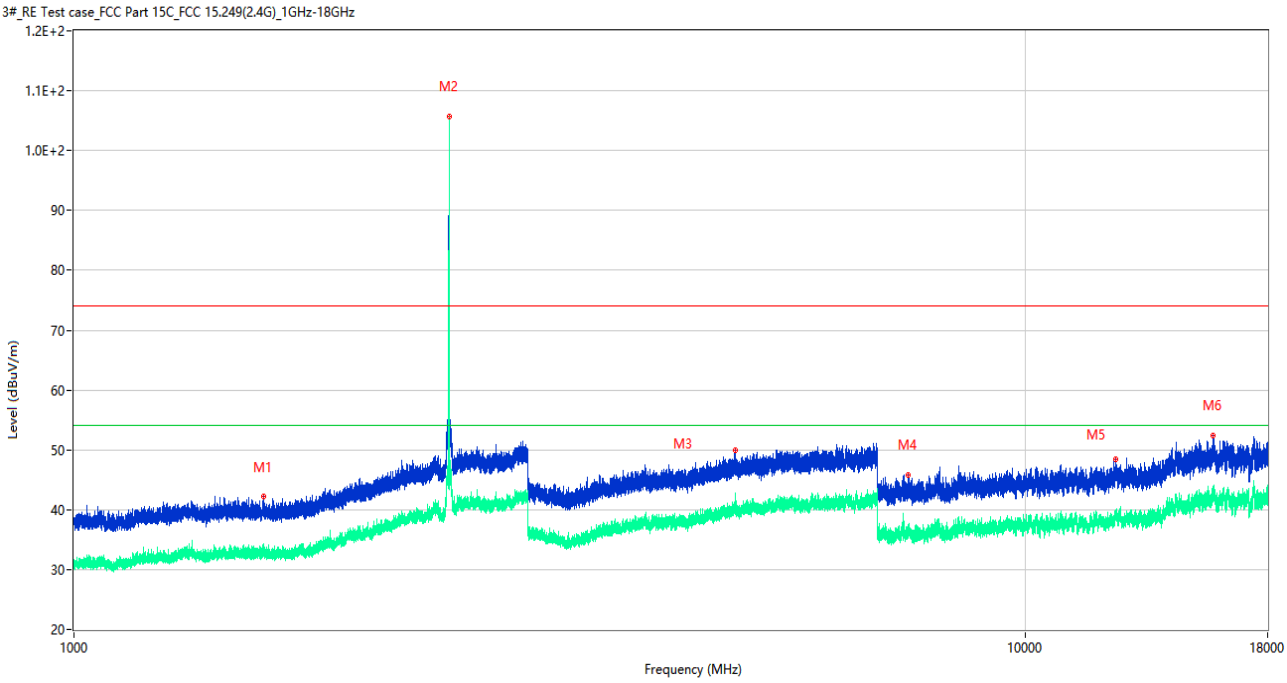
No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1301.200	42.30	114.20	71.9	Peak	299.00	200	Horizontal	Pass
1**	1301.200	32.91	94.20	61.29	AV	299.00	200	Horizontal	Pass
2	2441.000	104.29	--	--	Peak	61.00	200	Horizontal	N/A
2**	2441.000	104.11	--	--	AV	61.00	200	Horizontal	N/A
3	4882.000	47.99	114.20	66.21	Peak	294.00	150	Horizontal	Pass
3**	4882.000	42.92	94.20	51.28	AV	294.00	150	Horizontal	Pass
4	7365.125	45.95	114.20	68.25	Peak	188.00	400	Horizontal	Pass
4**	7365.125	35.92	94.20	58.28	AV	188.00	400	Horizontal	Pass
5	11993.588	48.15	114.20	66.05	Peak	360.00	100	Horizontal	Pass
5**	11993.588	38.17	94.20	56.03	AV	360.00	100	Horizontal	Pass
6	15783.713	51.97	114.20	62.23	Peak	0.00	100	Horizontal	Pass
6**	15783.713	42.42	94.20	51.78	AV	0.00	100	Horizontal	Pass

MIDDLE CHANNEL 1 GHz to 18 GHz, ANT V



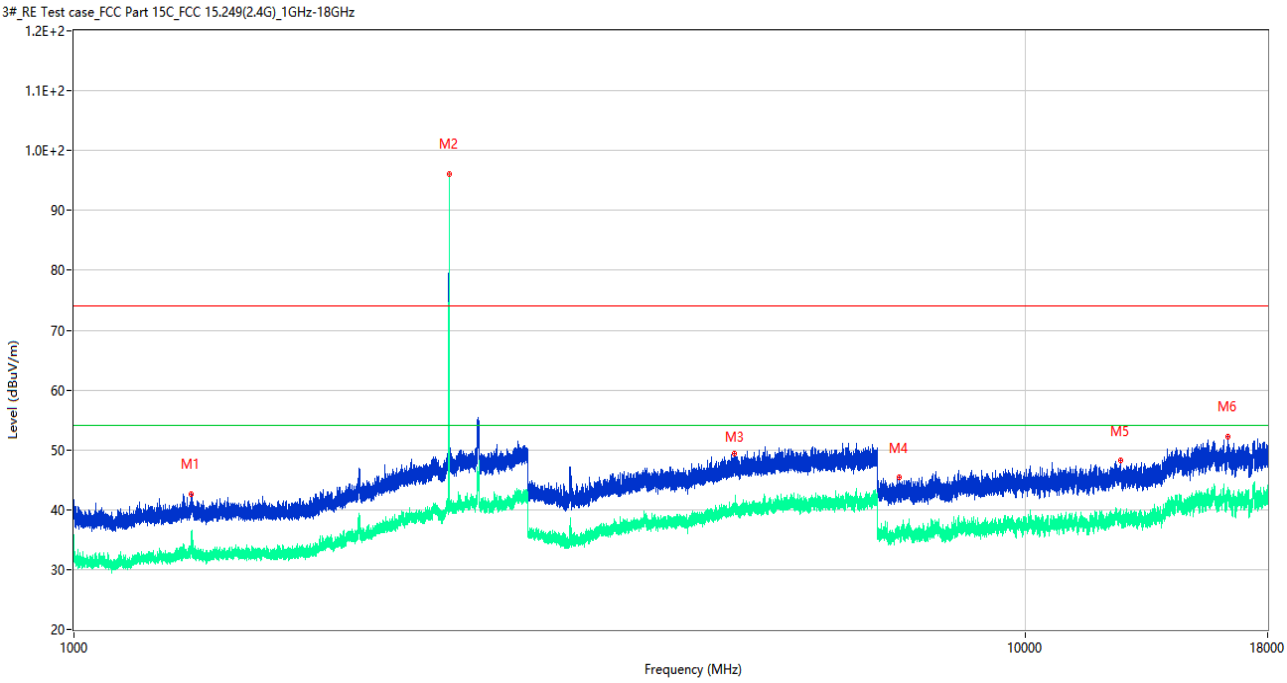
No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1000.300	44.09	114.20	70.11	Peak	28.00	400	Vertical	Pass
1**	1000.300	33.31	94.20	60.89	AV	28.00	400	Vertical	Pass
2	2441.100	96.07	--	--	Peak	270.00	100	Vertical	N/A
2**	2441.100	96.02	--	--	AV	270.00	100	Vertical	N/A
3	4708.800	49.31	114.20	64.89	Peak	30.00	100	Vertical	Pass
3**	4708.800	39.06	94.20	55.14	AV	30.00	100	Vertical	Pass
4	7547.975	45.65	114.20	68.55	Peak	290.00	400	Vertical	Pass
4**	7547.975	38.04	94.20	56.16	AV	290.00	400	Vertical	Pass
5	12599.349	47.90	114.20	66.3	Peak	14.00	100	Vertical	Pass
5**	12599.349	39.04	94.20	55.16	AV	14.00	100	Vertical	Pass
6	15772.425	51.31	114.20	62.89	Peak	44.00	100	Vertical	Pass
6**	15772.425	41.96	94.20	52.24	AV	44.00	100	Vertical	Pass

HIGH CHANNEL 1 GHz to 18 GHz, ANT H



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1583.700	42.15	114.20	72.05	Peak	130.00	100	Horizontal	Pass
1**	1583.700	32.69	94.20	61.51	AV	130.00	100	Horizontal	Pass
2	2480.100	105.69	--	--	Peak	64.00	200	Horizontal	N/A
2**	2480.100	105.66	--	--	AV	64.00	200	Horizontal	N/A
3	4959.600	49.98	114.20	64.22	Peak	360.00	100	Horizontal	Pass
3**	4959.600	41.02	94.20	53.18	AV	360.00	100	Horizontal	Pass
4	7541.938	45.84	114.20	68.36	Peak	83.00	100	Horizontal	Pass
4**	7541.938	36.57	94.20	57.63	AV	83.00	100	Horizontal	Pass
5	12464.800	48.48	114.20	65.72	Peak	186.00	200	Horizontal	Pass
5**	12464.800	39.30	94.20	54.9	AV	186.00	200	Horizontal	Pass
6	15783.451	52.42	114.20	61.78	Peak	73.00	400	Horizontal	Pass
6**	15783.451	43.38	94.20	50.82	AV	73.00	400	Horizontal	Pass

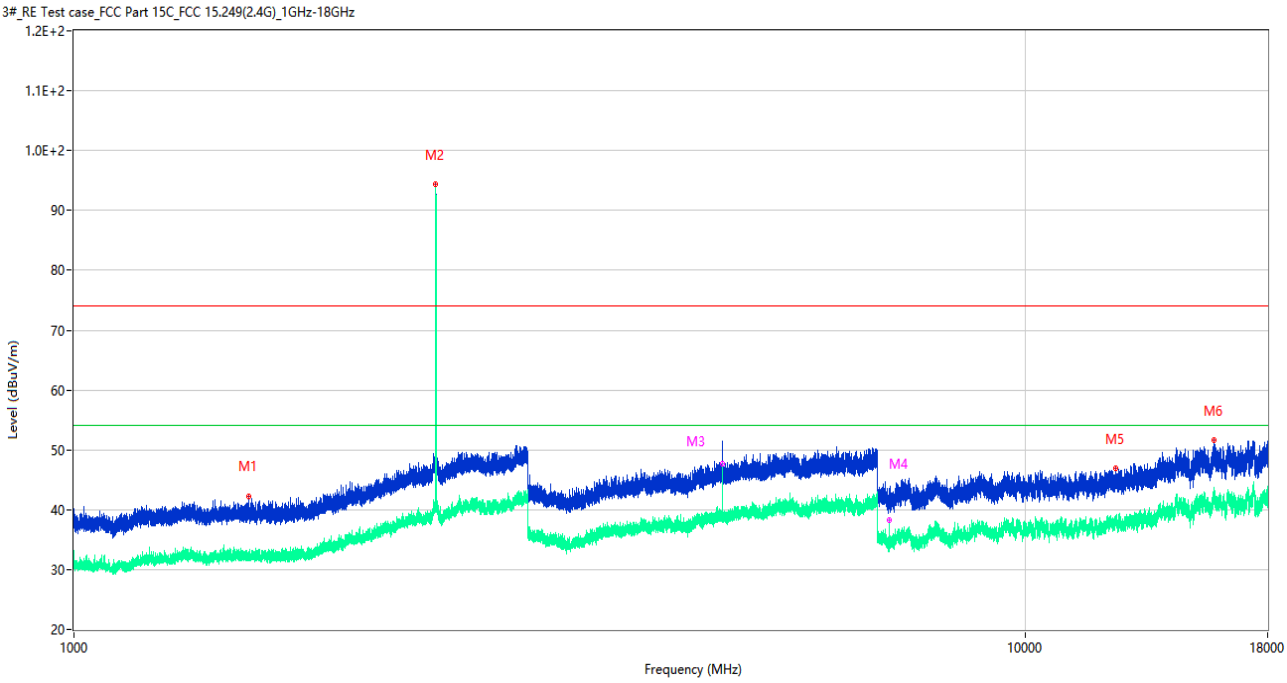
HIGH CHANNEL 1 GHz to 18 GHz, ANT V



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1326.900	42.65	114.20	71.55	Peak	153.00	400	Vertical	Pass
1**	1326.900	32.93	94.20	61.27	AV	153.00	400	Vertical	Pass
2	2480.000	96.16	--	--	Peak	92.00	100	Vertical	N/A
2**	2480.000	96.13	--	--	AV	92.00	100	Vertical	N/A
3	4953.200	49.41	114.20	64.79	Peak	250.00	100	Vertical	Pass
3**	4953.200	40.51	94.20	53.69	AV	250.00	100	Vertical	Pass
4	7377.487	45.39	114.20	68.81	Peak	118.00	400	Vertical	Pass
4**	7377.487	35.72	94.20	58.48	AV	118.00	400	Vertical	Pass
5	12598.776	48.19	114.20	66.01	Peak	287.00	200	Vertical	Pass
5**	12598.776	39.80	94.20	54.4	AV	287.00	200	Vertical	Pass
6	16360.424	52.16	114.20	62.04	Peak	115.00	150	Vertical	Pass
6**	16360.424	43.69	94.20	50.51	AV	115.00	150	Vertical	Pass

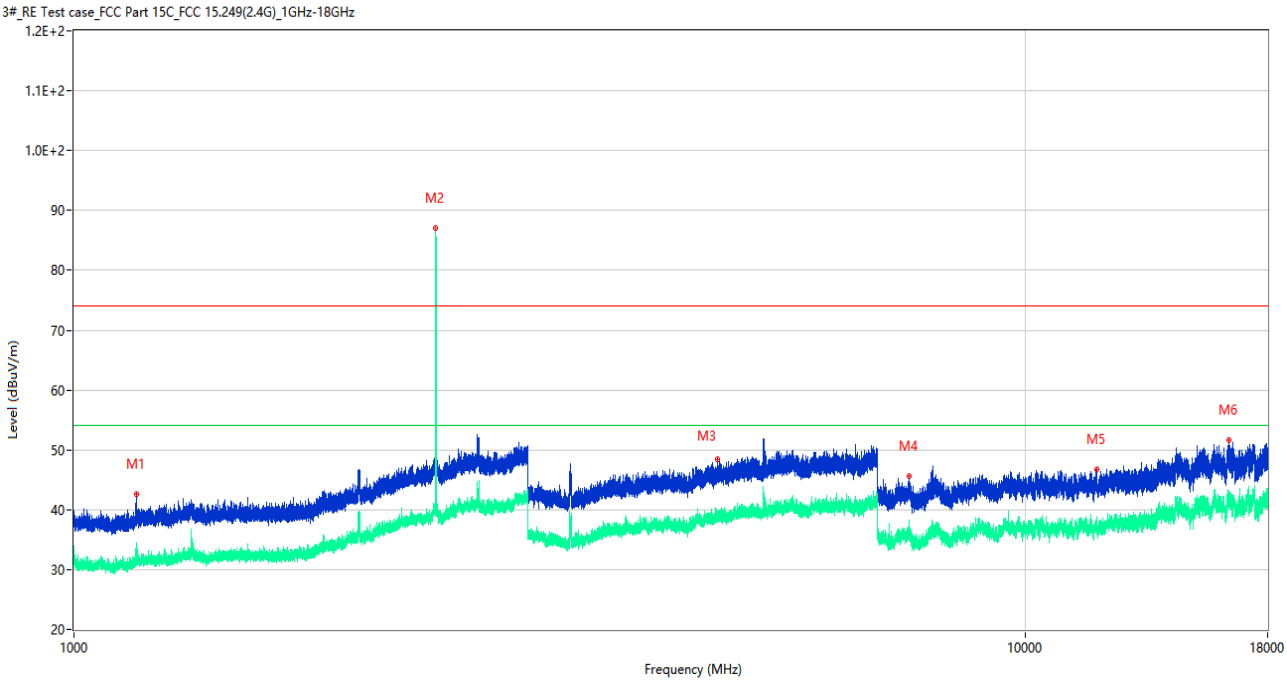
FPC Antenna

LOW CHANNEL 1 GHz to 18 GHz, ANT H



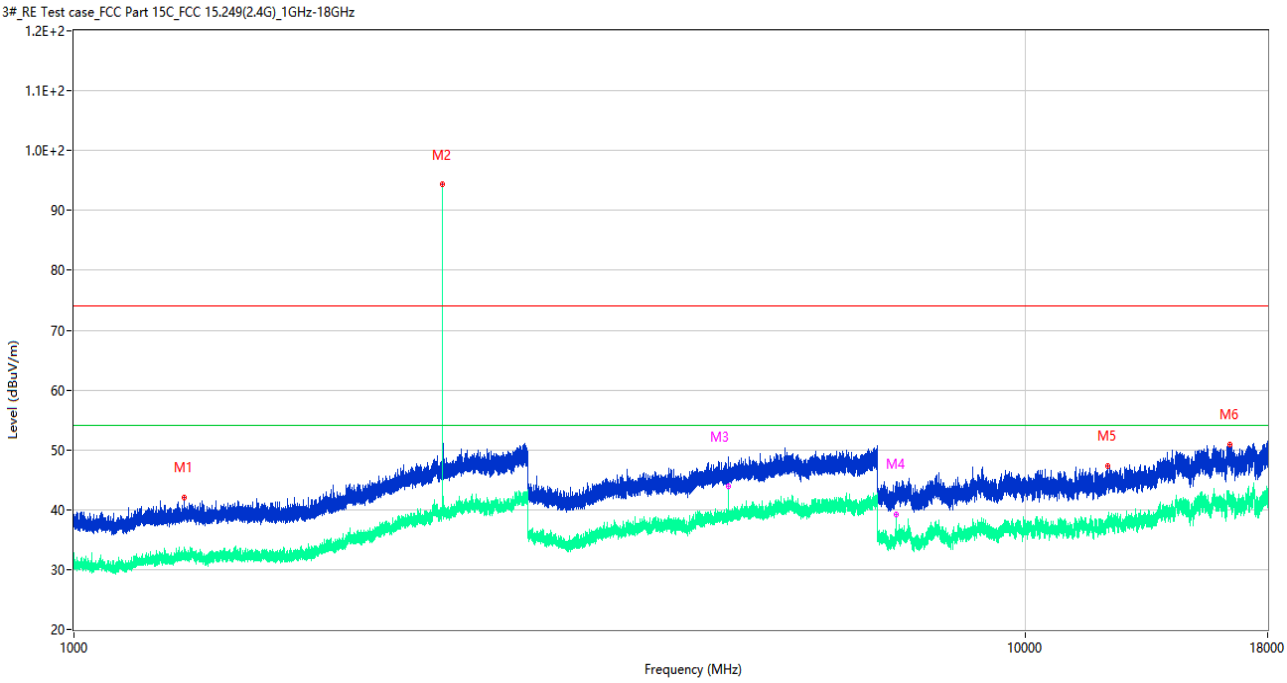
No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1526.900	42.22	114.20	71.98	Peak	78.00	400	Horizontal	Pass
1**	1526.900	32.23	94.20	61.97	AV	78.00	400	Horizontal	Pass
2	2402.000	94.31	114.20	19.89	Peak	339.00	100	Horizontal	Pass
2**	2402.000	93.24	94.20	0.96	AV	339.00	100	Horizontal	Pass
3	4804.200	49.46	114.20	64.74	Peak	306.00	150	Horizontal	Pass
3**	4804.200	47.61	94.20	46.59	AV	306.00	150	Horizontal	Pass
4	7206.425	41.77	114.20	72.43	Peak	14.00	150	Horizontal	Pass
4**	7206.425	38.26	94.20	55.94	AV	14.00	150	Horizontal	Pass
5	12459.338	46.85	114.20	67.35	Peak	66.00	100	Horizontal	Pass
5**	12459.338	38.63	94.20	55.57	AV	66.00	100	Horizontal	Pass
6	15799.987	51.62	114.20	62.58	Peak	22.00	150	Horizontal	Pass
6**	15799.987	41.94	94.20	52.26	AV	22.00	150	Horizontal	Pass

LOW CHANNEL 1 GHz to 18 GHz, ANT V



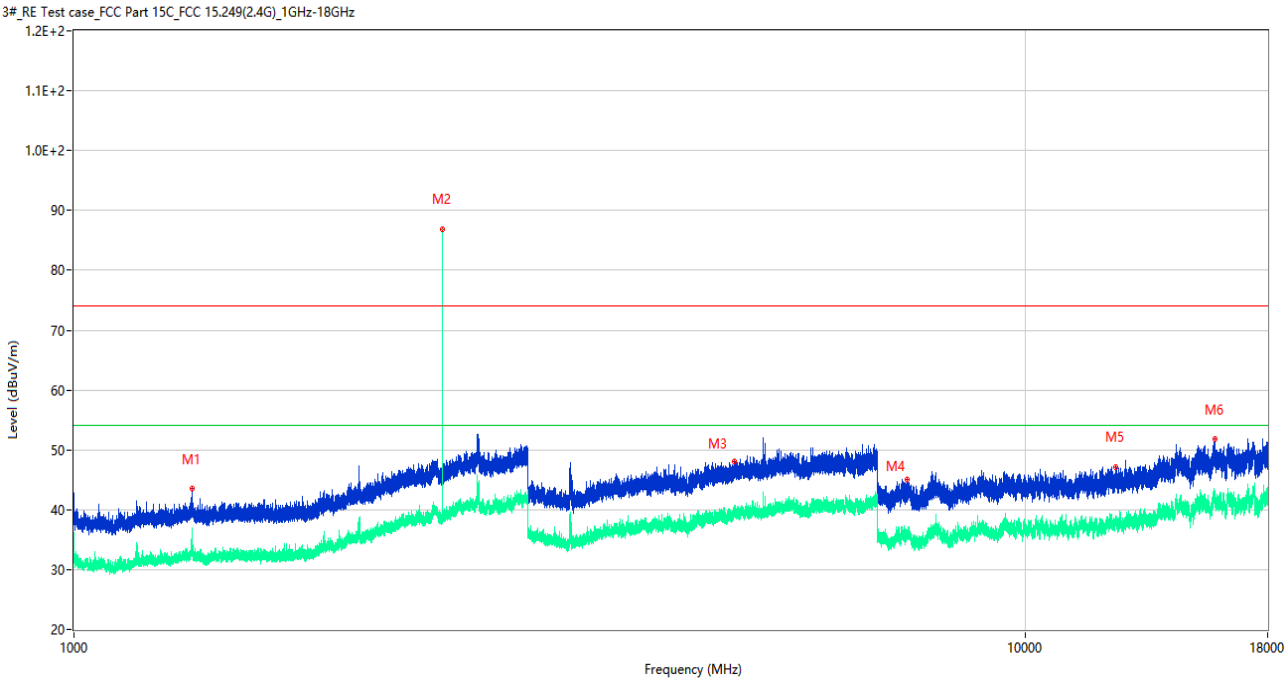
No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1164.000	42.63	114.20	71.57	Peak	15.00	400	Vertical	Pass
1**	1164.000	31.50	94.20	62.70	AV	15.00	400	Vertical	Pass
2	2401.900	87.12	114.20	27.08	Peak	209.00	100	Vertical	Pass
2**	2401.900	86.72	94.20	7.48	AV	209.00	100	Vertical	Pass
3	4748.600	48.49	114.20	65.71	Peak	0.00	100	Vertical	Pass
3**	4748.600	38.68	94.20	55.52	AV	0.00	100	Vertical	Pass
4	7558.900	45.69	114.20	68.51	Peak	186.00	200	Vertical	Pass
4**	7558.900	36.15	94.20	58.05	AV	186.00	200	Vertical	Pass
5	11892.675	46.77	114.20	67.43	Peak	288.00	100	Vertical	Pass
5**	11892.675	37.99	94.20	56.21	AV	288.00	100	Vertical	Pass
6	16375.388	51.68	114.20	62.52	Peak	260.00	150	Vertical	Pass
6**	16375.388	42.41	94.20	51.79	AV	260.00	150	Vertical	Pass

MIDDLE CHANNEL 1 GHz to 18 GHz, ANT H



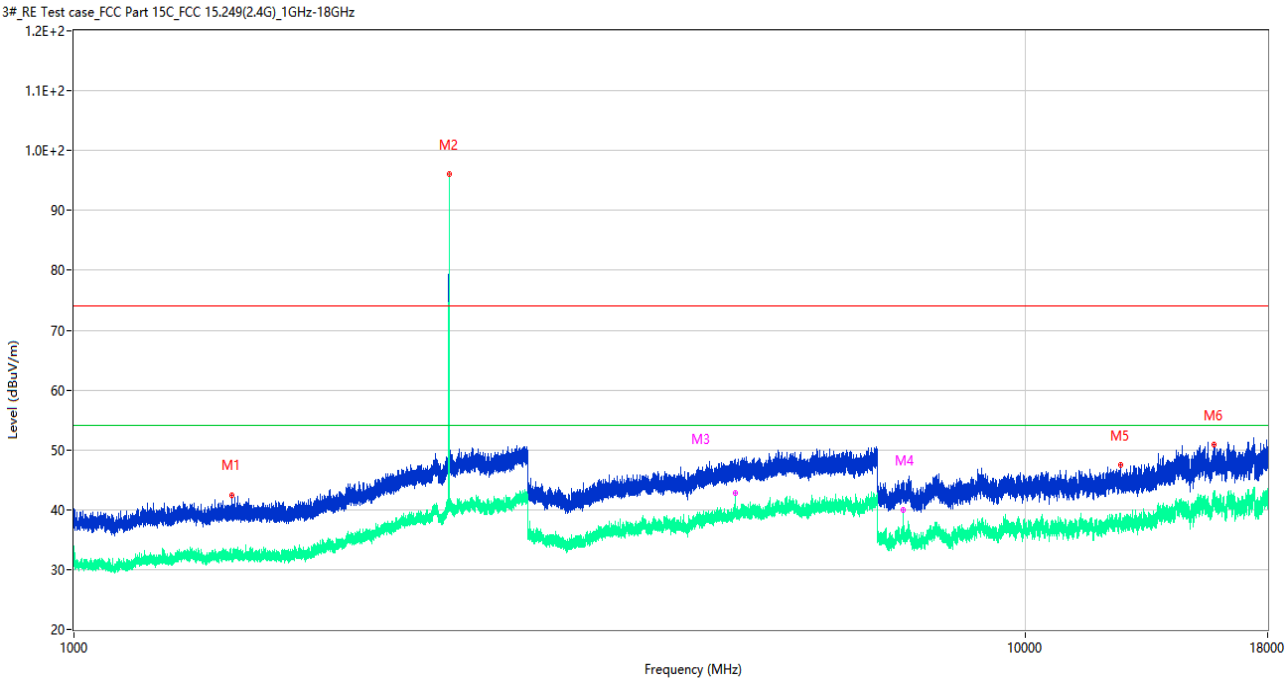
No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1304.800	42.07	114.20	72.13	Peak	279.00	100	Horizontal	Pass
1**	1304.800	32.18	94.20	62.02	AV	279.00	100	Horizontal	Pass
2	2441.000	94.32	114.20	19.88	Peak	349.00	200	Horizontal	Pass
2**	2441.000	93.25	94.20	0.95	AV	349.00	200	Horizontal	Pass
3	4882.000	48.33	114.20	65.87	Peak	306.00	150	Horizontal	Pass
3**	4882.000	43.96	94.20	50.24	AV	306.00	150	Horizontal	Pass
4	7323.150	44.73	114.20	69.47	Peak	0.00	150	Horizontal	Pass
4**	7323.150	39.23	94.20	54.97	AV	0.00	150	Horizontal	Pass
5	12210.650	47.33	114.20	66.87	Peak	117.00	150	Horizontal	Pass
5**	12210.650	37.83	94.20	56.37	AV	117.00	150	Horizontal	Pass
6	16417.651	50.87	114.20	63.33	Peak	248.00	150	Horizontal	Pass
6**	16417.651	41.22	94.20	52.98	AV	248.00	150	Horizontal	Pass

MIDDLE CHANNEL 1 GHz to 18 GHz, ANT V



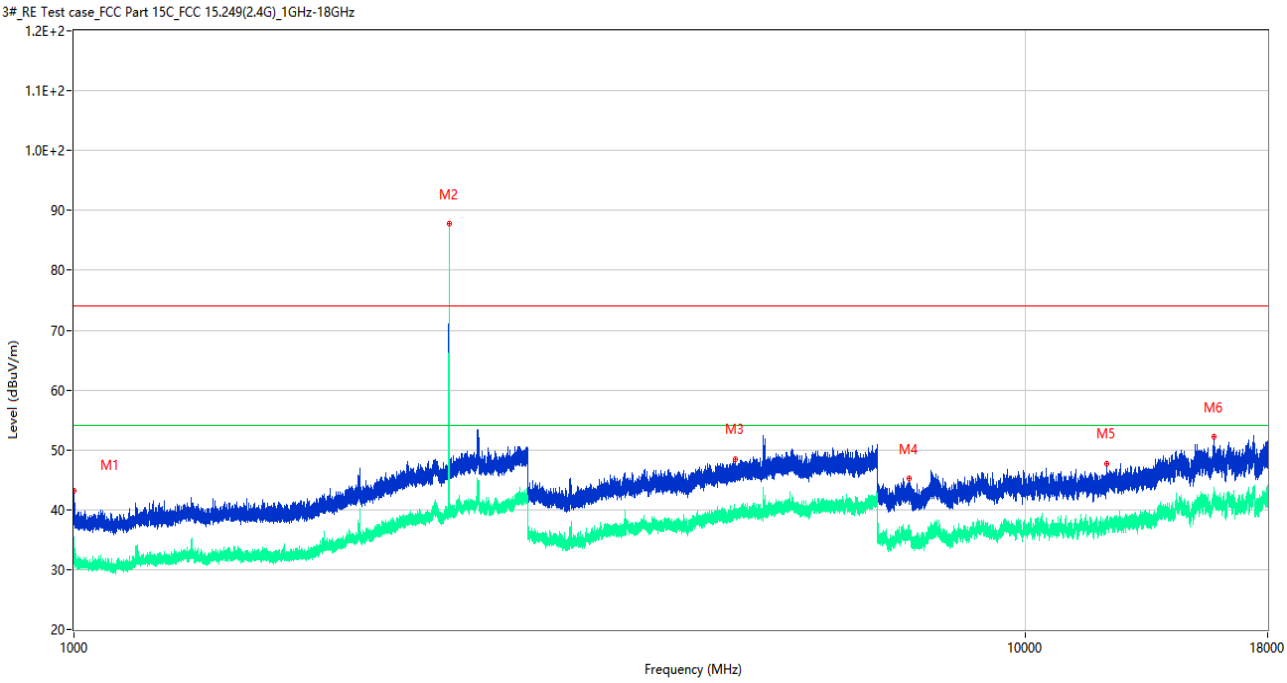
No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1332.000	43.47	114.20	70.73	Peak	111.00	300	Vertical	Pass
1**	1332.000	35.36	94.20	58.84	AV	111.00	300	Vertical	Pass
2	2441.100	86.90	114.20	27.30	Peak	206.00	150	Vertical	Pass
2**	2441.100	86.85	94.20	7.35	AV	206.00	150	Vertical	Pass
3	4944.200	48.08	114.20	66.12	Peak	136.00	100	Vertical	Pass
3**	4944.200	39.16	94.20	55.04	AV	136.00	100	Vertical	Pass
4	7528.138	45.07	114.20	69.13	Peak	103.00	300	Vertical	Pass
4**	7528.138	35.66	94.20	58.54	AV	103.00	300	Vertical	Pass
5	12462.788	47.16	114.20	67.04	Peak	360.00	100	Vertical	Pass
5**	12462.788	38.62	94.20	55.58	AV	360.00	100	Vertical	Pass
6	15845.662	51.81	114.20	62.39	Peak	306.00	300	Vertical	Pass
6**	15845.662	42.20	94.20	52.00	AV	306.00	300	Vertical	Pass

HIGH CHANNEL 1 GHz to 18 GHz, ANT H



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1467.300	42.50	114.20	71.7	Peak	360.00	400	Horizontal	Pass
1**	1467.300	32.27	94.20	61.93	AV	360.00	400	Horizontal	Pass
2	2480.000	96.02	114.20	18.18	Peak	355.00	200	Horizontal	Pass
2**	2480.000	94.11	94.20	0.09	AV	355.00	200	Horizontal	Pass
3	4960.000	48.31	114.20	65.89	Peak	307.00	150	Horizontal	Pass
3**	4960.000	42.81	94.20	51.39	AV	307.00	150	Horizontal	Pass
4	7440.163	44.36	114.20	69.84	Peak	360.00	150	Horizontal	Pass
4**	7440.163	40.01	94.20	54.19	AV	360.00	150	Horizontal	Pass
5	12607.400	47.48	114.20	66.72	Peak	258.00	100	Horizontal	Pass
5**	12607.400	38.75	94.20	55.45	AV	258.00	100	Horizontal	Pass
6	15794.213	50.82	114.20	63.38	Peak	344.00	100	Horizontal	Pass
6**	15794.213	42.72	94.20	51.48	AV	344.00	100	Horizontal	Pass

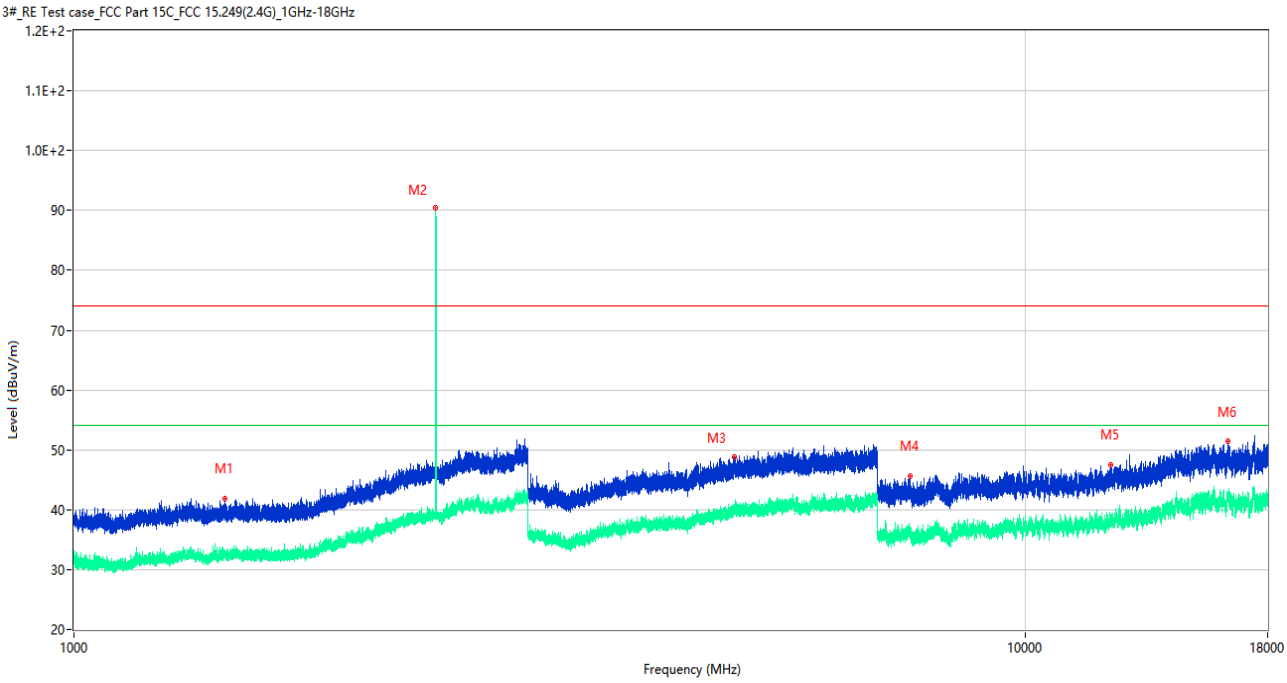
HIGH CHANNEL 1 GHz to 18 GHz, ANT V



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1000.300	43.14	114.20	71.06	Peak	353.00	200	Vertical	Pass
1**	1000.300	35.49	94.20	58.71	AV	353.00	200	Vertical	Pass
2	2480.000	87.70	114.20	26.5	Peak	201.00	150	Vertical	Pass
2**	2480.000	87.62	94.20	6.58	AV	201.00	150	Vertical	Pass
3	4959.000	48.46	114.20	65.74	Peak	180.00	200	Vertical	Pass
3**	4959.000	39.75	94.20	54.45	AV	180.00	200	Vertical	Pass
4	7553.150	45.20	114.20	69.00	Peak	0.00	400	Vertical	Pass
4**	7553.150	37.05	94.20	57.15	AV	0.00	400	Vertical	Pass
5	12188.225	47.74	114.20	66.46	Peak	0.00	150	Vertical	Pass
5**	12188.225	37.89	94.20	56.31	AV	0.00	150	Vertical	Pass
6	15803.662	52.18	114.20	62.02	Peak	325.00	400	Vertical	Pass
6**	15803.662	43.26	94.20	50.94	AV	325.00	400	Vertical	Pass

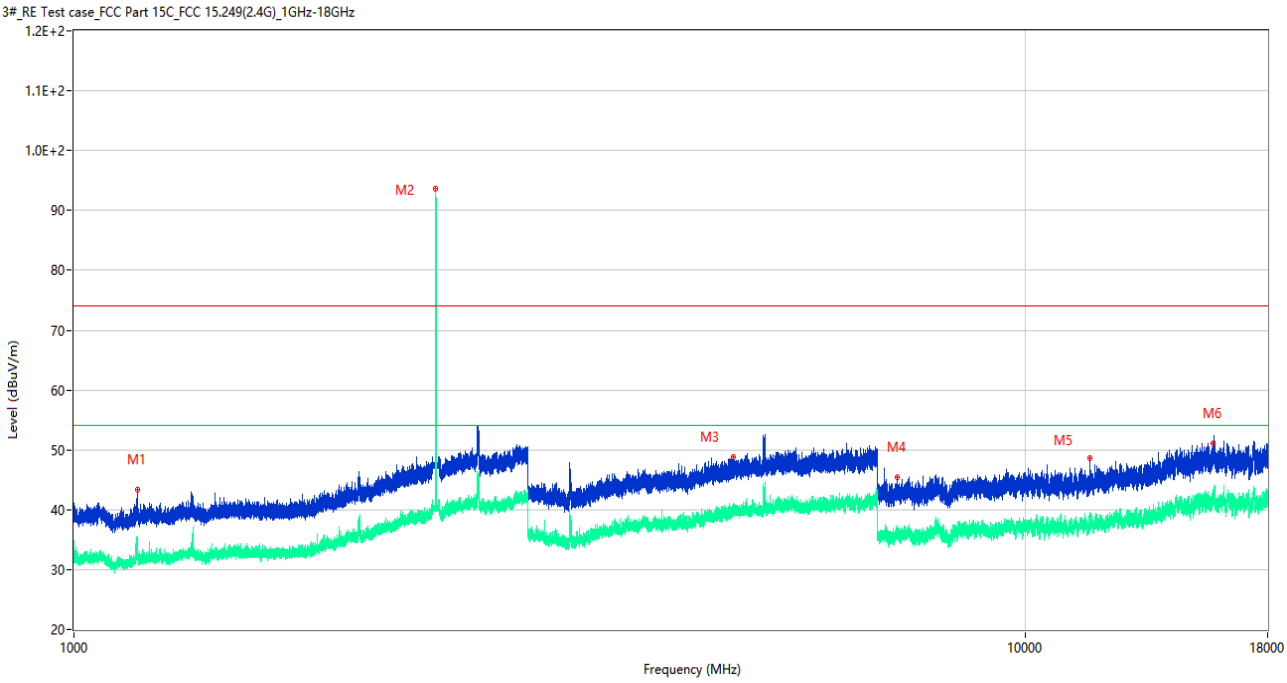
Fiberglass Omni-directional Antenna

LOW CHANNEL 1 GHz to 18 GHz, ANT H



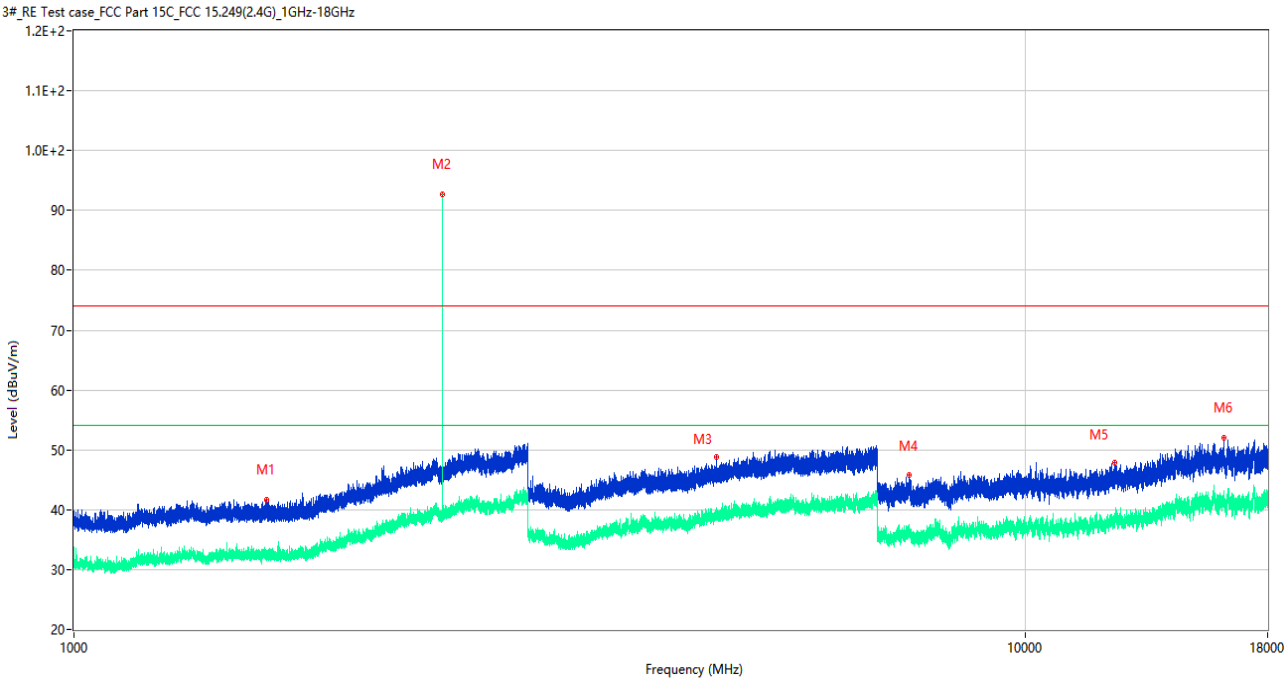
No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1442.700	41.90	114.20	32.10	Peak	145.92	150	Horizontal	Pass
1**	1442.700	32.89	94.20	21.11	AV	145.92	150	Horizontal	Pass
2	2402.000	90.72	--	--	Peak	109.00	150	Horizontal	N/A
2**	2402.000	90.60	--	--	AV	109.00	150	Horizontal	N/A
3	4944.000	48.72	114.20	25.28	Peak	360.00	150	Horizontal	Pass
3**	4944.000	39.33	94.20	14.67	AV	360.00	150	Horizontal	Pass
4	7571.837	45.64	114.20	28.36	Peak	120.87	150	Horizontal	Pass
4**	7571.837	36.37	94.20	17.63	AV	120.87	150	Horizontal	Pass
5	12315.300	47.58	114.20	26.42	Peak	229.89	150	Horizontal	Pass
5**	12315.300	38.50	94.20	15.50	AV	229.89	150	Horizontal	Pass
6	16331.813	51.42	114.20	22.58	Peak	0.00	150	Horizontal	Pass
6**	16331.813	41.63	94.20	12.37	AV	0.00	150	Horizontal	Pass

LOW CHANNEL 1 GHz to 18 GHz, ANT V



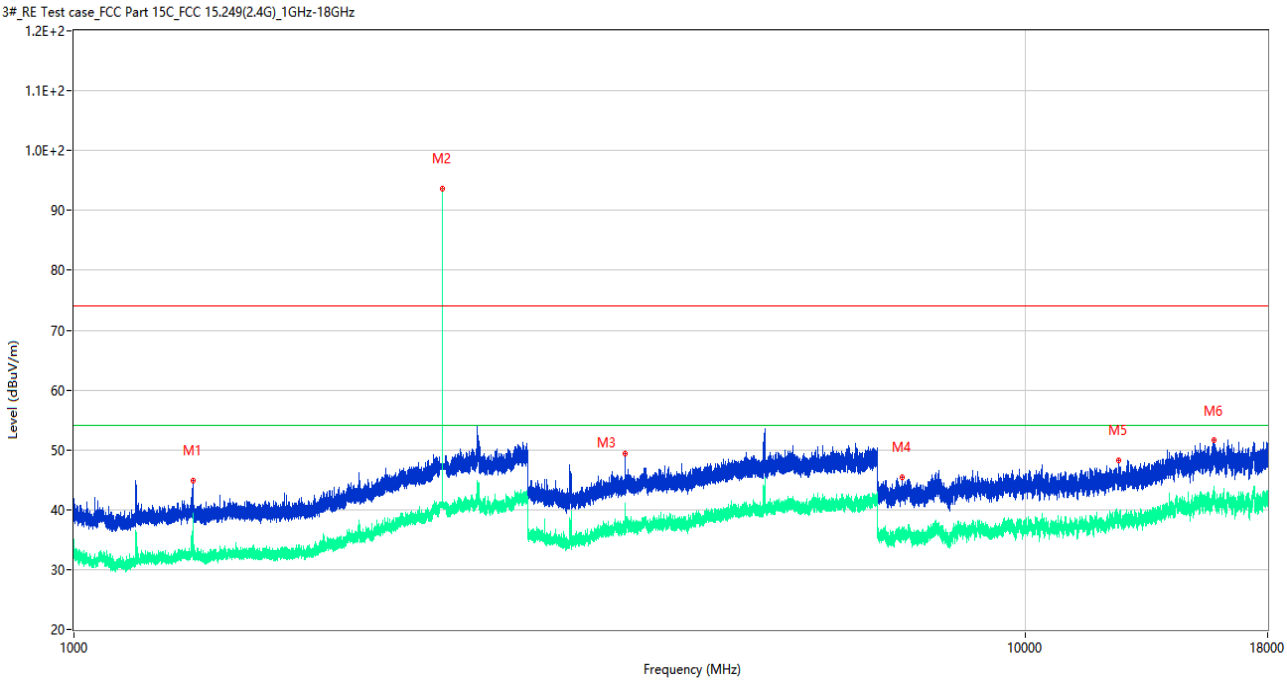
No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1165.500	43.42	114.20	30.58	Peak	69.98	150	Vertical	Pass
1**	1165.500	34.03	94.20	19.97	AV	69.98	150	Vertical	Pass
2	2402.000	93.67	--	-19.67	Peak	102.00	150	Vertical	N/A
2**	2402.000	93.65	--	-39.65	AV	102.00	150	Vertical	N/A
3	4939.400	48.86	114.20	25.14	Peak	16.17	150	Vertical	Pass
3**	4939.400	39.67	94.20	14.33	AV	16.17	150	Vertical	Pass
4	7344.712	45.45	114.20	28.55	Peak	359.84	150	Vertical	Pass
4**	7344.712	35.65	94.20	18.35	AV	359.84	150	Vertical	Pass
5	11714.138	48.71	114.20	25.29	Peak	15.13	150	Vertical	Pass
5**	11714.138	38.50	94.20	15.50	AV	15.13	150	Vertical	Pass
6	15781.349	51.12	114.20	22.88	Peak	225.17	150	Vertical	Pass
6**	15781.349	42.33	94.20	11.67	AV	225.17	150	Vertical	Pass

MIDDLE CHANNEL 1 GHz to 18 GHz, ANT H



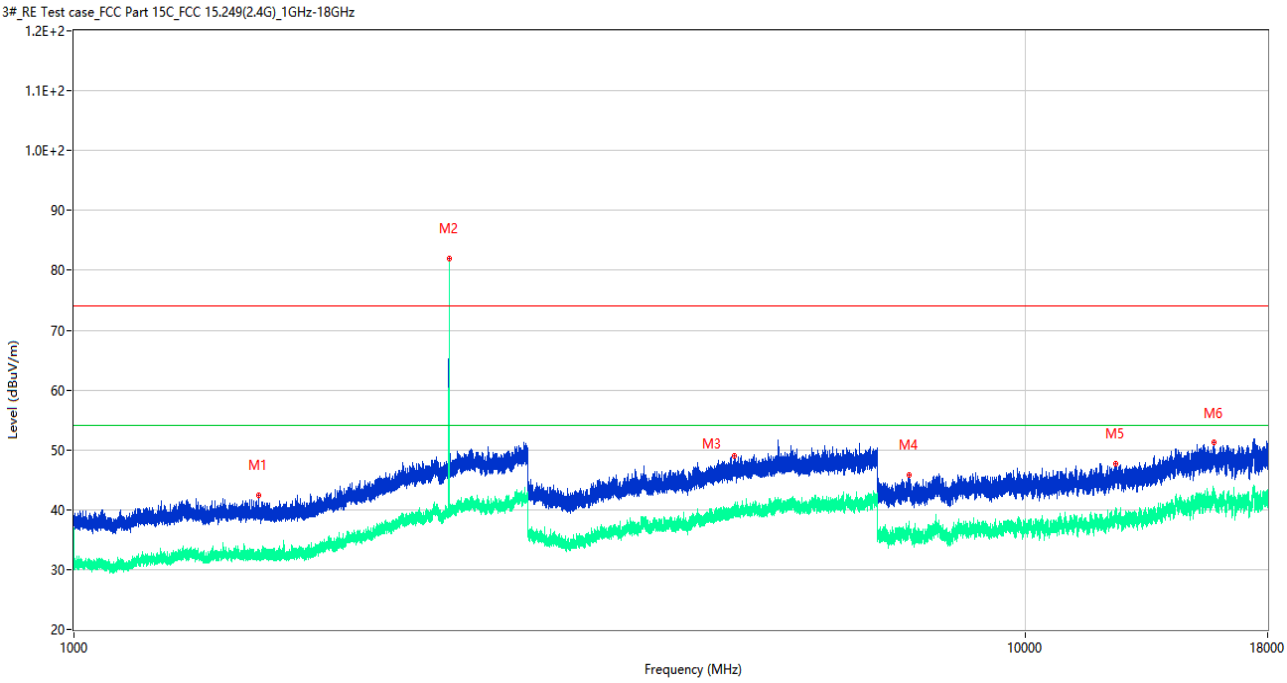
No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1594.000	41.65	114.20	72.55	Peak	197.00	400	Horizontal	Pass
1**	1594.000	32.45	94.20	61.75	AV	197.00	400	Horizontal	Pass
2	2441.000	92.74	114.2	21.46	Peak	251.00	100	Horizontal	Pass
2**	2441.000	92.56	94.2	1.64	AV	251.00	100	Horizontal	Pass
3	4742.800	48.85	114.20	65.35	Peak	20.00	100	Horizontal	Pass
3**	4742.800	38.46	94.20	55.74	AV	20.00	100	Horizontal	Pass
4	7549.987	45.72	114.20	68.48	Peak	65.00	100	Horizontal	Pass
4**	7549.987	36.18	94.20	58.02	AV	65.00	100	Horizontal	Pass
5	12440.075	47.92	114.20	66.28	Peak	152.00	200	Horizontal	Pass
5**	12440.075	38.42	94.20	55.78	AV	152.00	200	Horizontal	Pass
6	16178.513	52.03	114.20	62.17	Peak	193.00	200	Horizontal	Pass
6**	16178.513	41.79	94.20	52.41	AV	193.00	200	Horizontal	Pass

MIDDLE CHANNEL 1 GHz to 18 GHz, ANT V



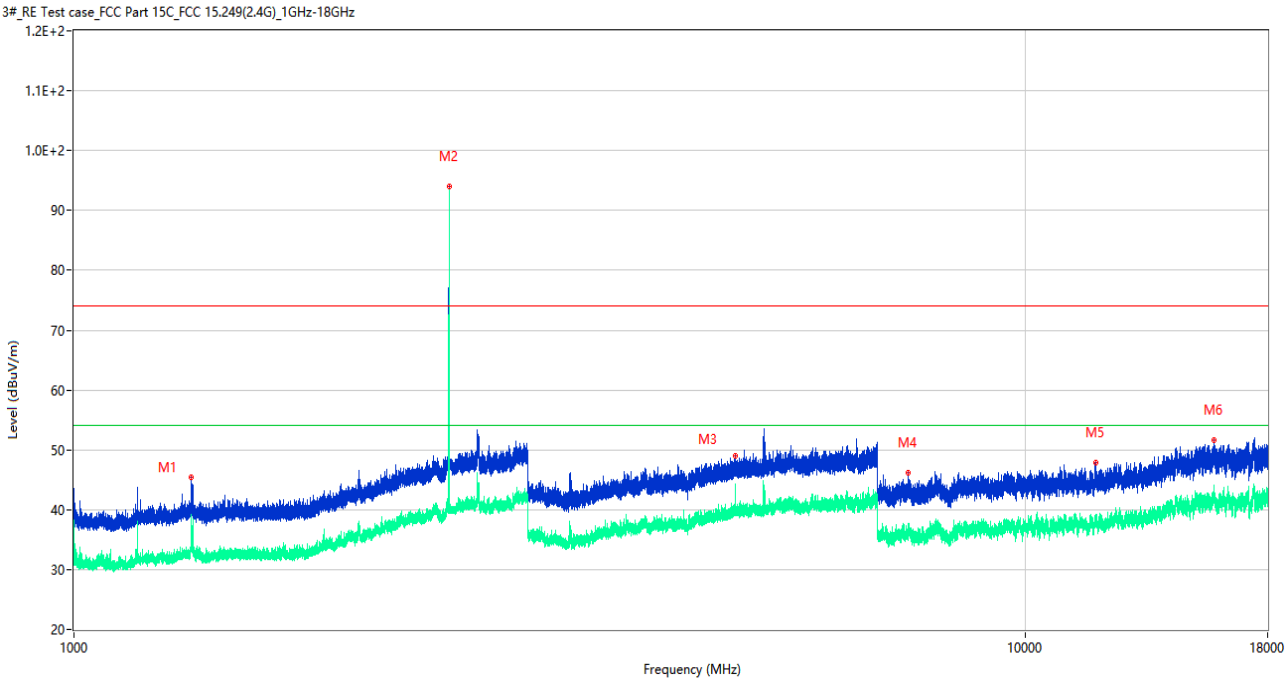
No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1333.000	44.93	114.20	29.07	Peak	189.00	400	Vertical	Pass
1**	1333.000	35.25	94.20	18.75	AV	189.00	400	Vertical	Pass
2	2440.900	93.69	--	-19.69	Peak	252.00	150	Vertical	N/A
2**	2440.900	93.49	--	-39.49	AV	252.00	150	Vertical	N/A
3	3797.400	49.41	114.20	24.59	Peak	123.00	150	Vertical	Pass
3**	3797.400	38.38	94.20	15.62	AV	123.00	150	Vertical	Pass
4	7433.550	45.51	114.20	28.49	Peak	0.00	200	Vertical	Pass
4**	7433.550	36.01	94.20	17.99	AV	0.00	200	Vertical	Pass
5	12551.338	48.23	114.20	25.77	Peak	221.00	200	Vertical	Pass
5**	12551.338	37.59	94.20	16.41	AV	221.00	200	Vertical	Pass
6	15791.062	51.71	114.20	22.29	Peak	214.00	200	Vertical	Pass
6**	15791.062	41.93	94.20	12.07	AV	214.00	200	Vertical	Pass

HIGH CHANNEL 1 GHz to 18 GHz, ANT H



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1562.600	42.41	114.20	71.79	Peak	17.00	100	Horizontal	Pass
1**	1562.600	32.76	94.20	61.44	AV	17.00	100	Horizontal	Pass
2	2479.900	81.96	114.2	32.24	Peak	122.00	100	Horizontal	Pass
2**	2479.900	81.69	94.2	12.51	AV	122.00	100	Horizontal	Pass
3	4948.200	49.04	114.20	65.16	Peak	206.00	100	Horizontal	Pass
3**	4948.200	39.40	94.20	54.8	AV	206.00	100	Horizontal	Pass
4	7561.487	45.83	114.20	68.37	Peak	12.00	200	Horizontal	Pass
4**	7561.487	36.51	94.20	57.69	AV	12.00	200	Horizontal	Pass
5	12472.849	47.73	114.20	66.47	Peak	0.00	200	Horizontal	Pass
5**	12472.849	38.69	94.20	55.51	AV	0.00	200	Horizontal	Pass
6	15794.737	51.18	114.20	63.02	Peak	112.00	100	Horizontal	Pass
6**	15794.737	43.07	94.20	51.13	AV	112.00	100	Horizontal	Pass

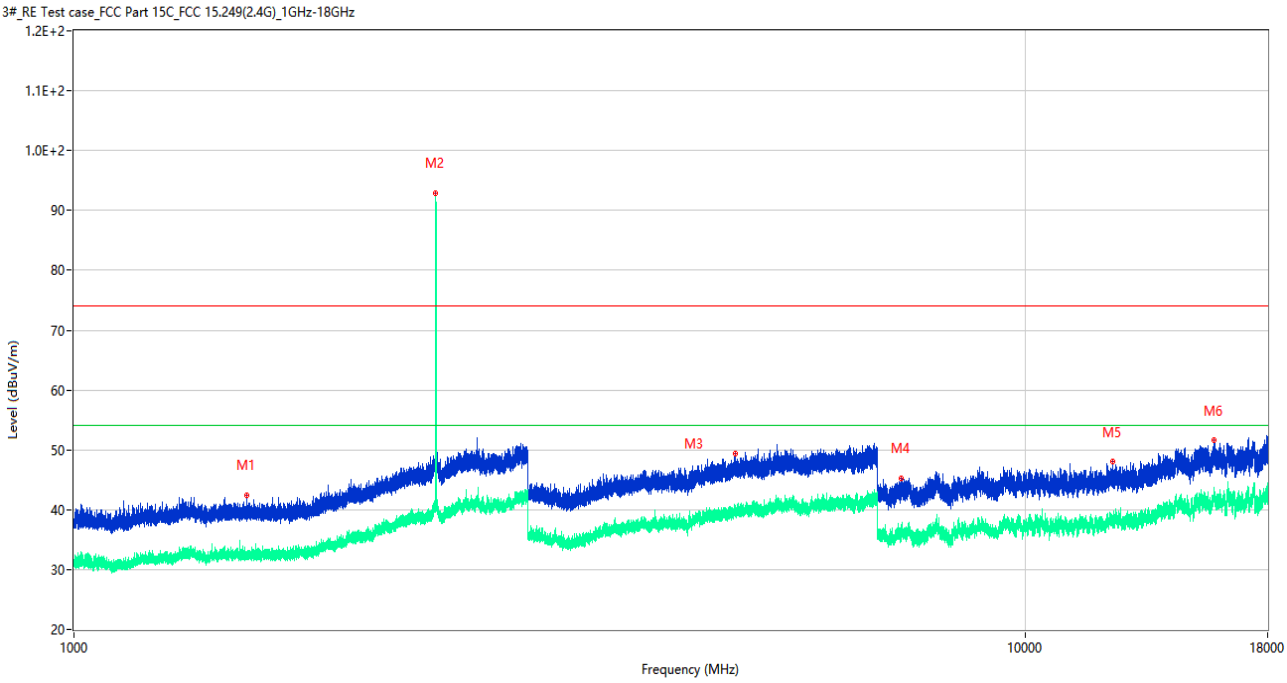
HIGH CHANNEL 1 GHz to 18 GHz, ANT V



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1329.300	45.50	114.20	28.50	Peak	168.00	200	Vertical	Pass
1**	1329.300	33.02	94.20	20.98	AV	168.00	200	Vertical	Pass
2	2480.000	93.93	114.2	-21.93	Peak	81.00	200	Vertical	N/A
2**	2480.000	93.89	94.2	-41.89	AV	81.00	200	Vertical	N/A
3	4960.200	49.03	114.20	24.97	Peak	54.00	200	Vertical	Pass
3**	4960.200	44.35	94.20	9.65	AV	54.00	200	Vertical	Pass
4	7543.663	46.24	114.20	27.76	Peak	240.00	300	Vertical	Pass
4**	7543.663	36.06	94.20	17.94	AV	240.00	300	Vertical	Pass
5	11867.088	47.89	114.20	26.11	Peak	0.00	150	Vertical	Pass
5**	11867.088	38.16	94.20	15.84	AV	0.00	150	Vertical	Pass
6	15793.162	51.73	114.20	22.27	Peak	139.00	400	Vertical	Pass
6**	15793.162	42.45	94.20	11.55	AV	139.00	400	Vertical	Pass

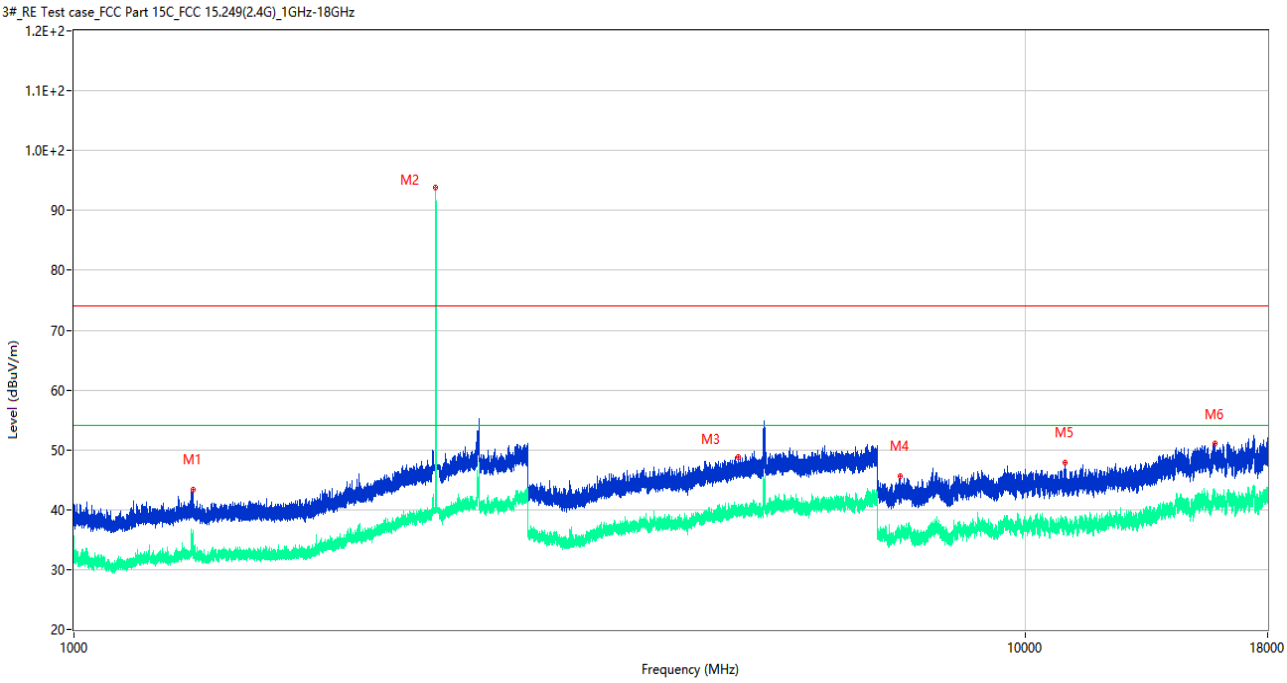
Dipole Antenna

LOW CHANNEL 1 GHz to 18 GHz, ANT H



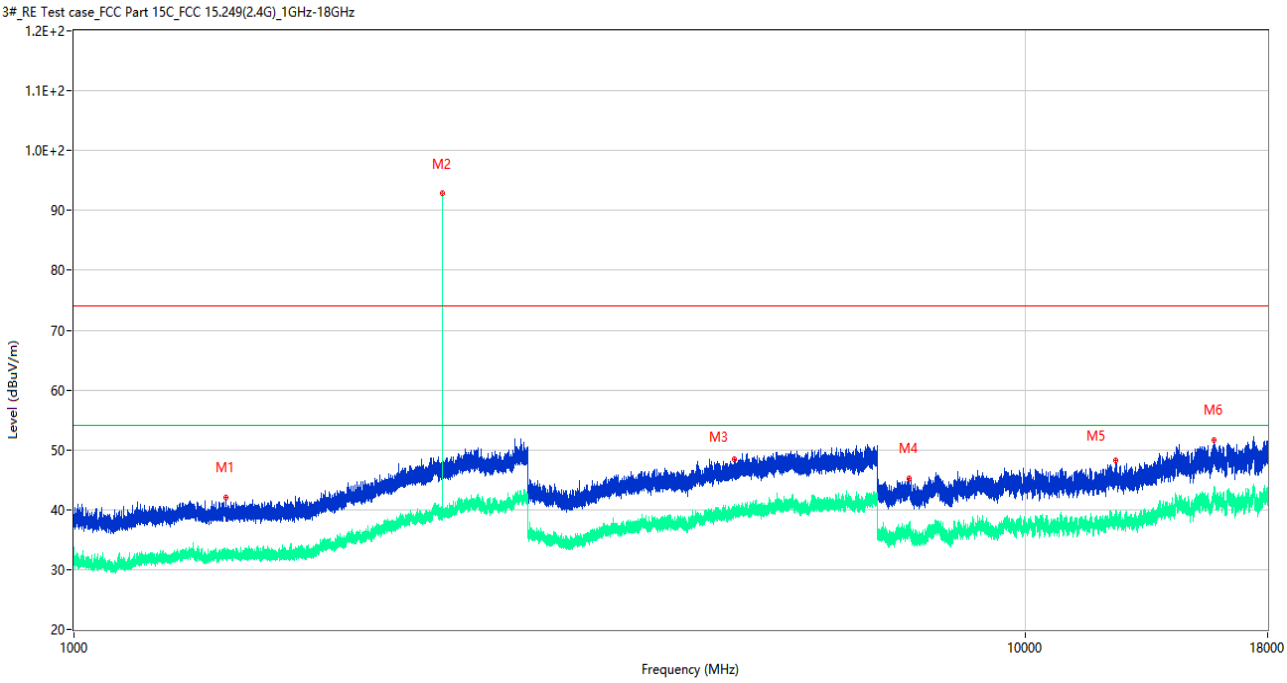
No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1520.700	42.48	114.20	71.72	Peak	143.00	300	Horizontal	Pass
1**	1520.700	32.67	94.20	61.53	AV	143.00	300	Horizontal	Pass
2	2402.100	92.84	114.20	21.36	Peak	216.00	100	Horizontal	N/A
2**	2402.100	92.78	94.20	1.42	AV	216.00	100	Horizontal	N/A
3	4956.600	49.37	114.20	64.83	Peak	56.00	150	Horizontal	Pass
3**	4956.600	39.43	94.20	54.77	AV	56.00	150	Horizontal	Pass
4	7420.612	45.26	114.20	68.94	Peak	0.00	400	Horizontal	Pass
4**	7420.612	36.10	94.20	58.10	AV	0.00	400	Horizontal	Pass
5	12367.625	47.97	114.20	66.23	Peak	261.00	200	Horizontal	Pass
5**	12367.625	38.88	94.20	55.32	AV	261.00	200	Horizontal	Pass
6	15812.850	51.60	114.20	62.60	Peak	345.00	200	Horizontal	Pass
6**	15812.850	42.10	94.20	52.10	AV	345.00	200	Horizontal	Pass

LOW CHANNEL 1 GHz to 18 GHz, ANT V



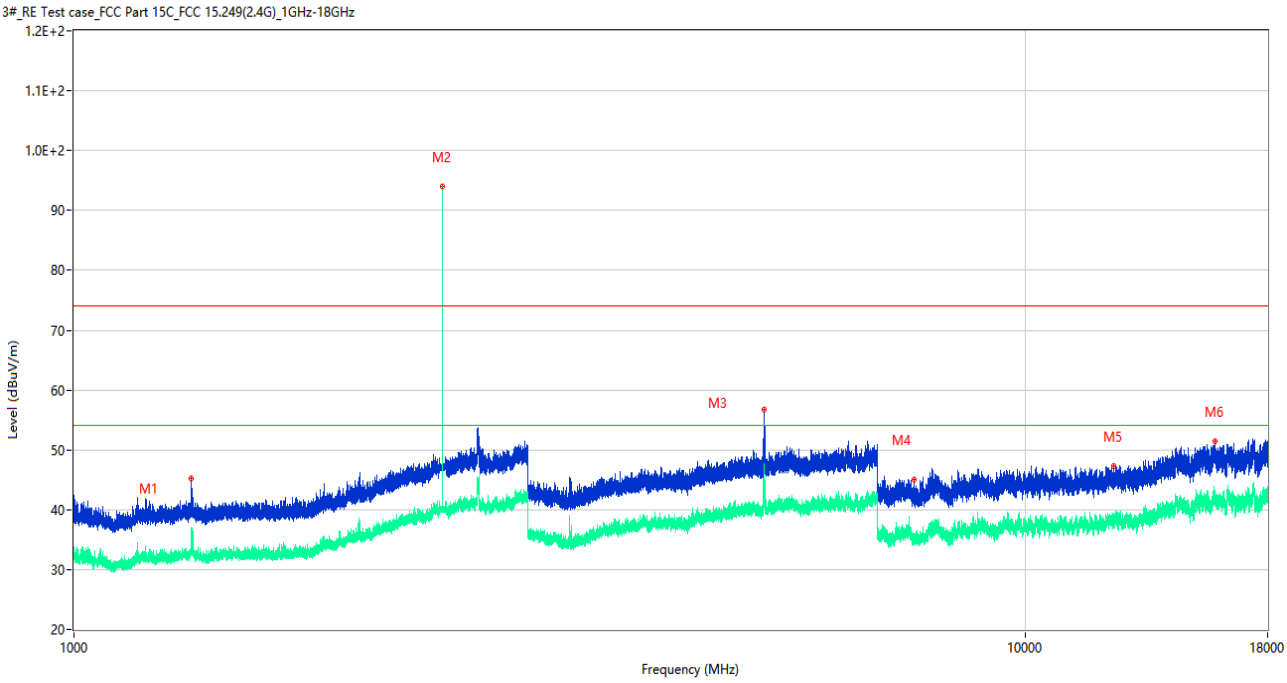
No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1333.200	43.44	114.20	70.76	Peak	96.00	100	Vertical	Pass
1**	1333.200	32.68	94.20	61.52	AV	96.00	100	Vertical	Pass
2	2402.100	93.88	114.20	20.32	Peak	96.00	100	Vertical	N/A
2**	2402.100	93.50	94.20	0.70	AV	96.00	100	Vertical	N/A
3	4996.400	48.72	114.20	65.48	Peak	47.00	200	Vertical	Pass
3**	4996.400	39.47	94.20	54.73	AV	47.00	200	Vertical	Pass
4	7392.725	45.63	114.20	68.57	Peak	1.00	200	Vertical	Pass
4**	7392.725	35.83	94.20	58.37	AV	1.00	200	Vertical	Pass
5	11023.563	47.92	114.20	66.28	Peak	258.00	150	Vertical	Pass
5**	11023.563	37.59	94.20	56.61	AV	258.00	150	Vertical	Pass
6	15841.200	51.04	114.20	63.16	Peak	94.00	200	Vertical	Pass
6**	15841.200	41.17	94.20	53.03	AV	94.00	200	Vertical	Pass

MIDDLE CHANNEL 1 GHz to 18 GHz, ANT H



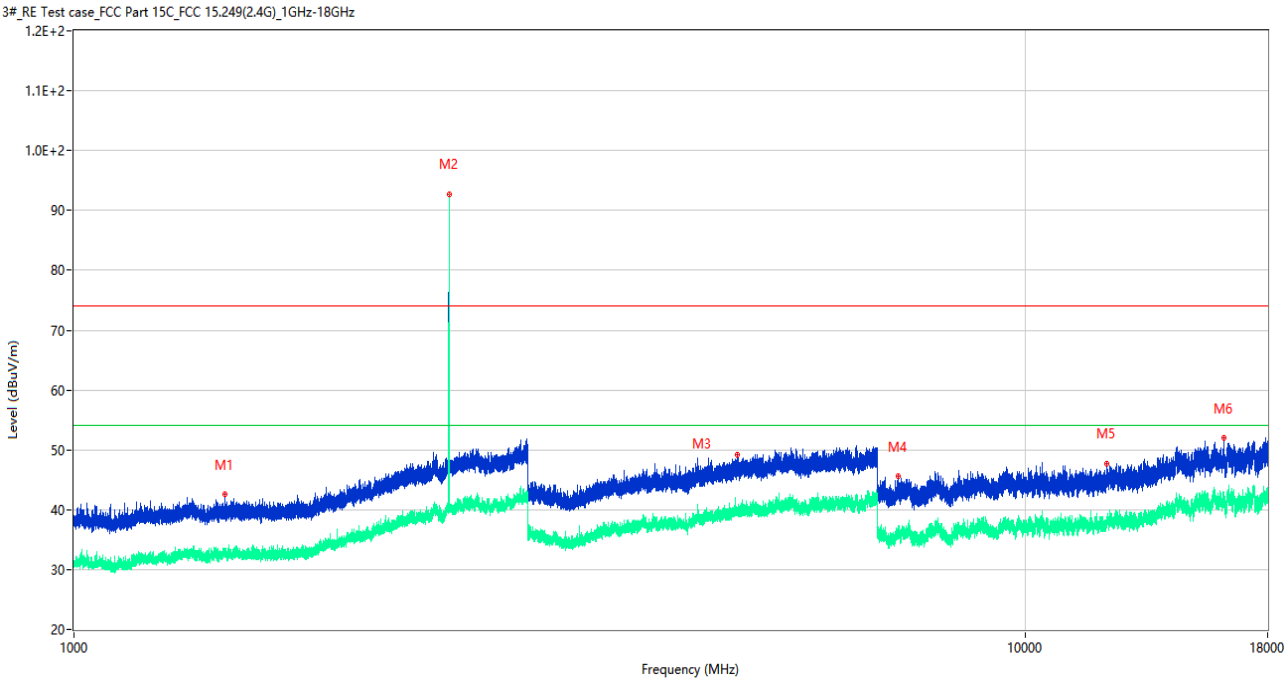
No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1445.100	42.10	114.20	72.10	Peak	77.00	400	Horizontal	Pass
1**	1445.100	32.31	94.20	61.89	AV	77.00	400	Horizontal	Pass
2	2441.000	92.94	114.20	21.26	Peak	220.00	100	Horizontal	N/A
2**	2441.000	92.74	94.20	1.46	AV	220.00	100	Horizontal	N/A
3	4945.000	48.46	114.20	65.74	Peak	113.00	200	Horizontal	Pass
3**	4945.000	40.12	94.20	54.08	AV	113.00	200	Horizontal	Pass
4	7549.987	45.24	114.20	68.96	Peak	35.00	400	Horizontal	Pass
4**	7549.987	37.14	94.20	57.06	AV	35.00	400	Horizontal	Pass
5	12456.750	48.16	114.20	66.04	Peak	329.00	100	Horizontal	Pass
5**	12456.750	38.67	94.20	55.53	AV	329.00	100	Horizontal	Pass
6	15797.625	51.69	114.20	62.51	Peak	36.00	400	Horizontal	Pass
6**	15797.625	42.63	94.20	51.57	AV	36.00	400	Horizontal	Pass

MIDDLE CHANNEL 1 GHz to 18 GHz, ANT V



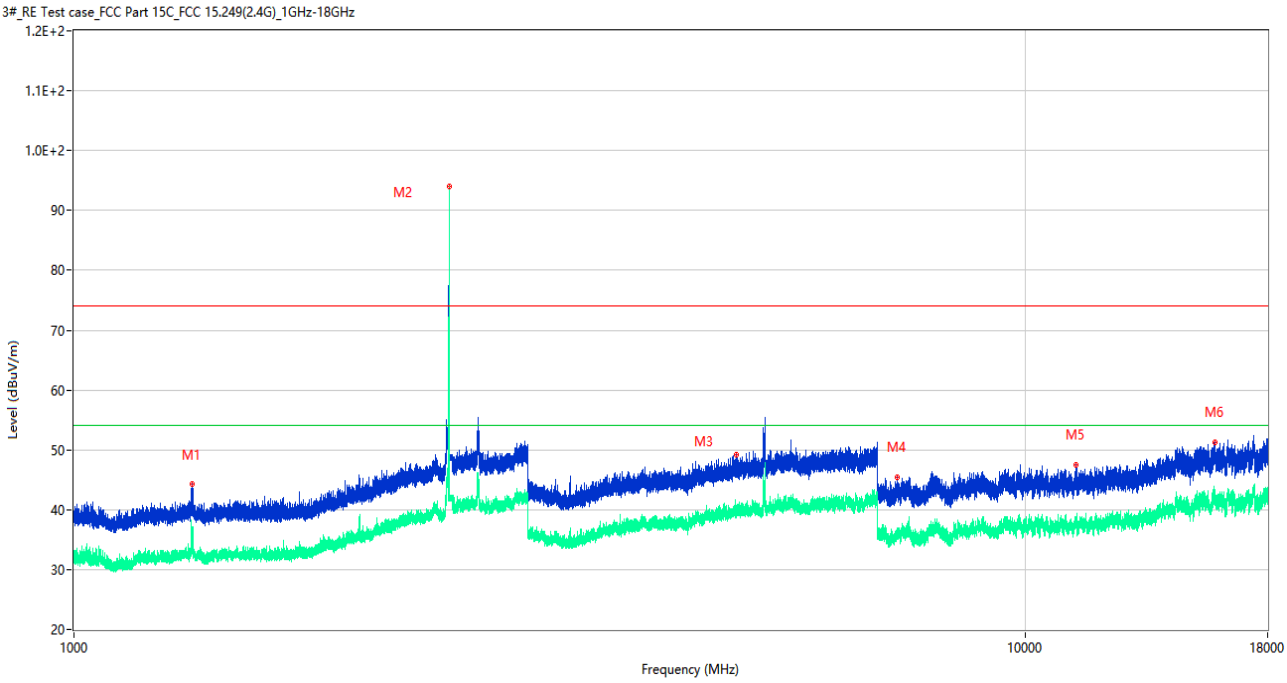
No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1328.700	45.26	114.20	68.94	Peak	89.00	300	Vertical	Pass
1**	1328.700	33.20	94.20	61.00	AV	89.00	300	Vertical	Pass
2	2440.900	93.94	114.20	20.26	Peak	95.00	200	Vertical	N/A
2**	2440.900	93.45	94.20	0.75	AV	95.00	200	Vertical	N/A
3	5323.000	56.69	114.20	57.51	Peak	66.00	150	Vertical	Pass
3**	5323.000	42.17	94.20	52.03	AV	66.00	150	Vertical	Pass
4	7654.350	45.11	114.20	69.09	Peak	207.00	200	Vertical	Pass
4**	7654.350	34.74	94.20	59.46	AV	207.00	200	Vertical	Pass
5	12385.162	47.28	114.20	66.92	Peak	173.00	100	Vertical	Pass
5**	12385.162	37.77	94.20	56.43	AV	173.00	100	Vertical	Pass
6	15853.013	51.36	114.20	62.84	Peak	189.00	300	Vertical	Pass
6**	15853.013	41.23	94.20	52.97	AV	189.00	300	Vertical	Pass

HIGH CHANNEL 1 GHz to 18 GHz, ANT H



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1440.100	42.53	114.20	71.67	Peak	331.00	400	Horizontal	Pass
1**	1440.100	32.66	94.20	61.54	AV	331.00	400	Horizontal	Pass
2	2480.100	92.77	114.20	21.43	Peak	214.00	100	Horizontal	N/A
2**	2480.100	92.72	94.20	1.48	AV	214.00	100	Horizontal	N/A
3	4980.000	49.12	114.20	65.08	Peak	351.00	100	Horizontal	Pass
3**	4980.000	39.47	94.20	54.73	AV	351.00	100	Horizontal	Pass
4	7365.700	45.60	114.20	68.60	Peak	154.00	400	Horizontal	Pass
4**	7365.700	37.37	94.20	56.83	AV	154.00	400	Horizontal	Pass
5	12186.787	47.76	114.20	66.44	Peak	360.00	100	Horizontal	Pass
5**	12186.787	37.60	94.20	56.60	AV	360.00	100	Horizontal	Pass
6	16180.612	51.93	114.20	62.27	Peak	74.00	300	Horizontal	Pass
6**	16180.612	41.38	94.20	52.82	AV	74.00	300	Horizontal	Pass

HIGH CHANNEL 1 GHz to 18 GHz, ANT V



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1331.200	44.26	114.20	69.94	Peak	145.00	200	Vertical	Pass
1**	1331.200	33.17	94.20	61.03	AV	145.00	200	Vertical	Pass
2	2480.000	93.99	114.20	20.21	Peak	96.00	150	Vertical	N/A
2**	2480.000	93.89	94.20	0.31	AV	96.00	150	Vertical	N/A
3	4971.400	49.22	114.20	64.98	Peak	292.00	200	Vertical	Pass
3**	4971.400	39.38	94.20	54.82	AV	292.00	200	Vertical	Pass
4	7334.362	45.42	114.20	68.78	Peak	242.00	100	Vertical	Pass
4**	7334.362	36.09	94.20	58.11	AV	242.00	100	Vertical	Pass
5	11328.026	47.55	114.20	66.65	Peak	360.00	200	Vertical	Pass
5**	11328.026	37.69	94.20	56.51	AV	360.00	200	Vertical	Pass
6	15854.588	51.28	114.20	62.92	Peak	171.00	300	Vertical	Pass
6**	15854.588	41.57	94.20	52.63	AV	171.00	300	Vertical	Pass

A.4 Band Edge (Restricted-band band-edge)

Note [1]: The lowest and highest channels are tested to verify the band edge emissions. Please refer to the following the plots for emissions values.

Note [2]: The test data all are tested in the vertical and horizontal antenna which the trace is max hold. So these plots have shown the worst case.

Note [3]: According the ANSI C63.10-2020 + Cor. 1-2023 + C63.10a-2024 + Errata to C63.10a-2024, where limits are specified for both average and peak (or quasi-peak) detector functions, if the peak (or quasi-peak) measured value complies with the average limit, it is unnecessary to perform an average measurement.

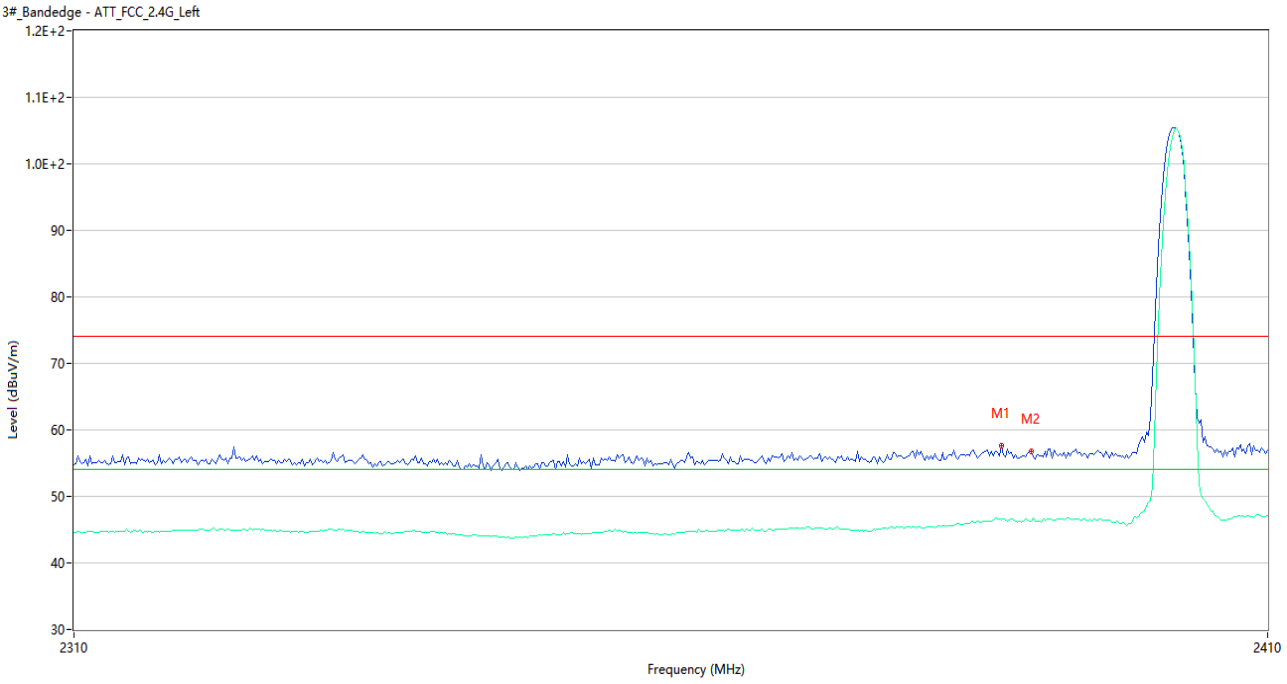
Note [4]: The Level (dBuV/m) has been corrected by factor.

Note [5]: Both horizontal and vertical directions were pre tested, only the worst configuration has been reported in this report.

Test Data and Plots

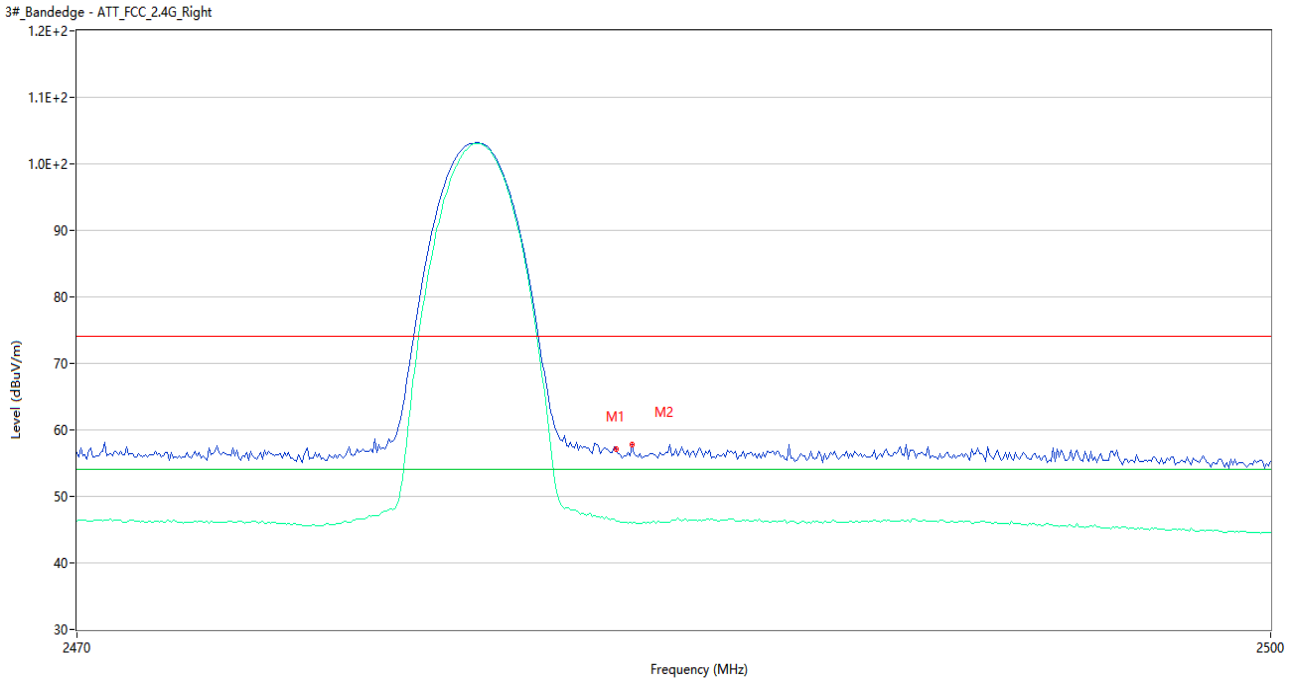
Helical Antenna

LOW CHANNEL



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2387.333	57.60	74.0	16.40	Peak	99.00	200	Horizontal	Pass
1**	2387.333	46.52	54.0	7.48	AV	99.00	200	Horizontal	Pass
2	2389.833	56.76	74.0	17.24	Peak	250.00	100	Horizontal	Pass
2**	2389.833	46.35	54.0	7.65	AV	250.00	100	Horizontal	Pass

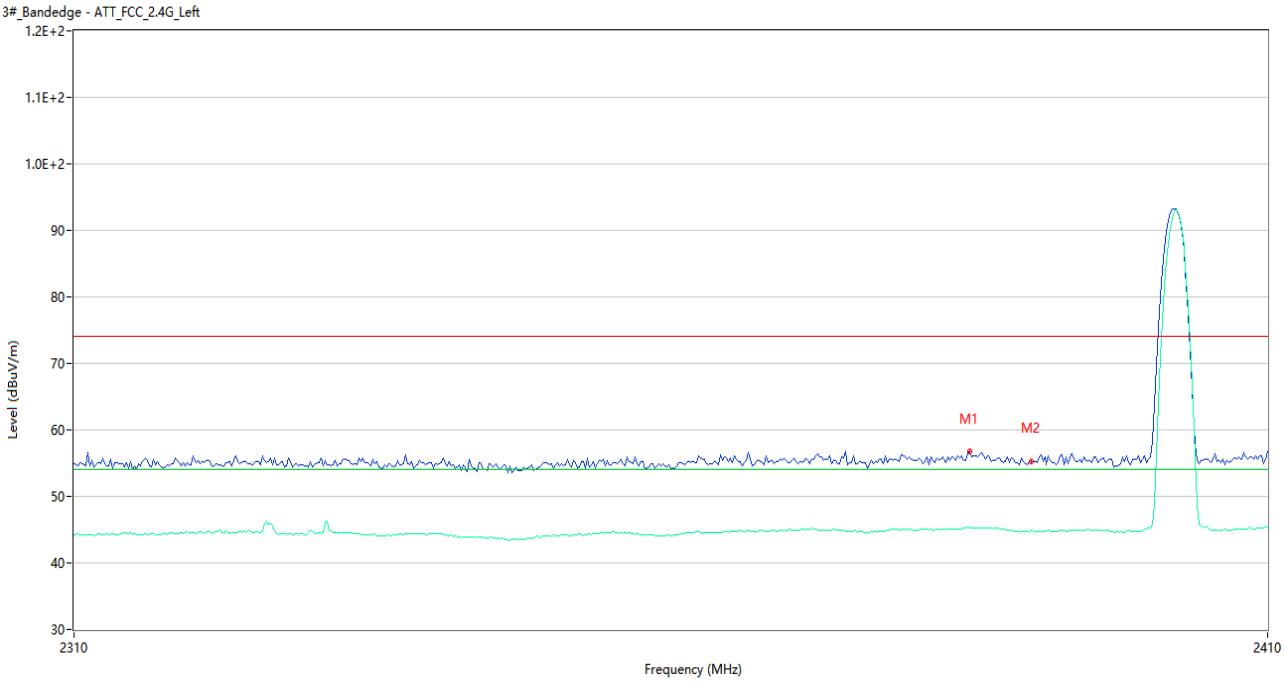
HIGH CHANNEL



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.500	57.07	74.0	16.93	Peak	221.00	200	Horizontal	Pass
1**	2483.500	46.20	54.0	7.80	AV	221.00	200	Horizontal	Pass
2	2483.900	57.83	74.0	16.17	Peak	253.00	150	Horizontal	Pass
2**	2483.900	45.97	54.0	8.03	AV	253.00	150	Horizontal	Pass

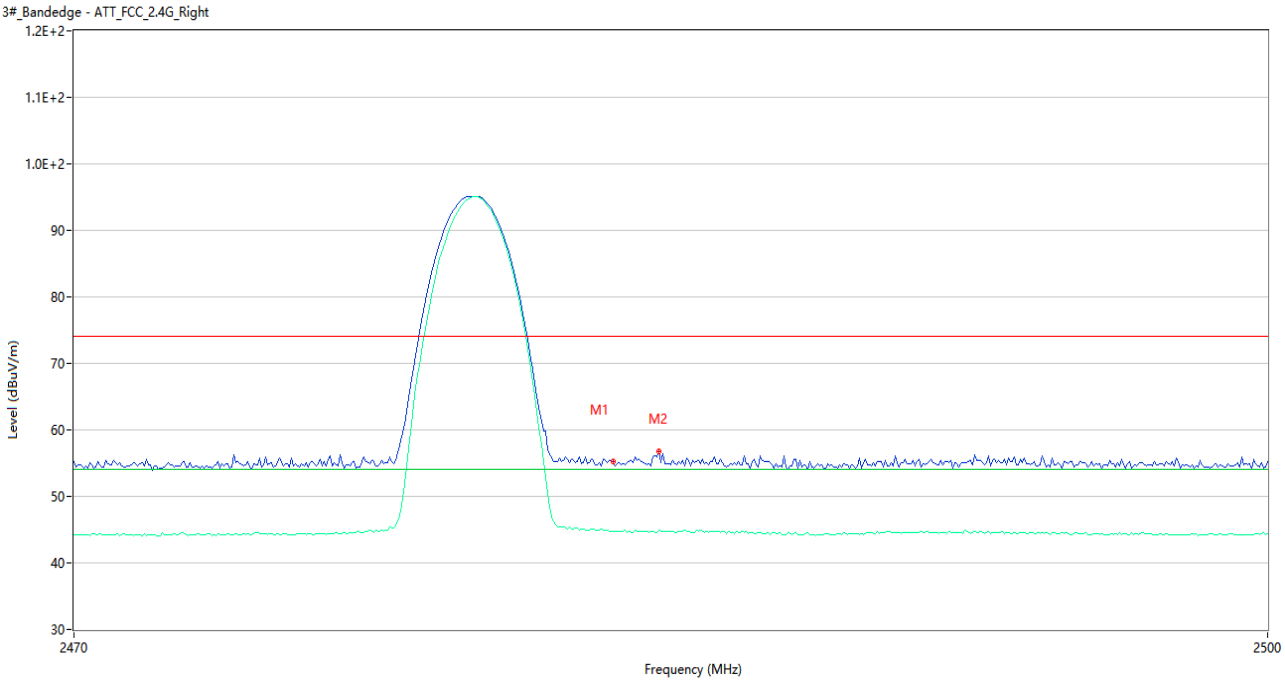
FPC Antenna

LOW CHANNEL



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2384.667	56.75	74.0	17.25	Peak	204.00	150	Horizontal	Pass
1**	2384.667	45.24	54.0	8.76	AV	204.00	150	Horizontal	Pass
2	2389.833	55.26	74.0	18.74	Peak	329.00	200	Horizontal	Pass
2**	2389.833	44.93	54.0	9.07	AV	329.00	200	Horizontal	Pass

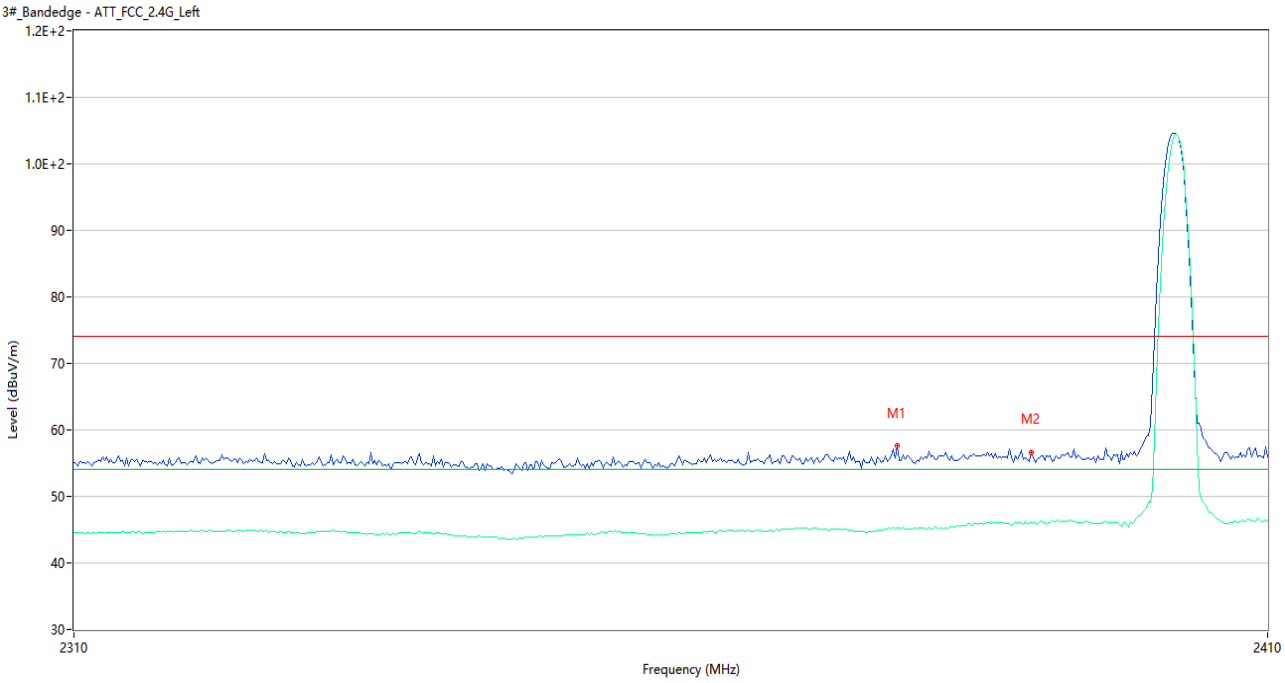
HIGH CHANNEL



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.500	55.33	74.0	18.67	Peak	221.00	100	Horizontal	Pass
1**	2483.500	44.77	54.0	9.23	AV	221.00	100	Horizontal	Pass
2	2484.650	56.71	74.0	17.29	Peak	243.00	100	Horizontal	Pass
2**	2484.650	44.88	54.0	9.12	AV	243.00	100	Horizontal	Pass

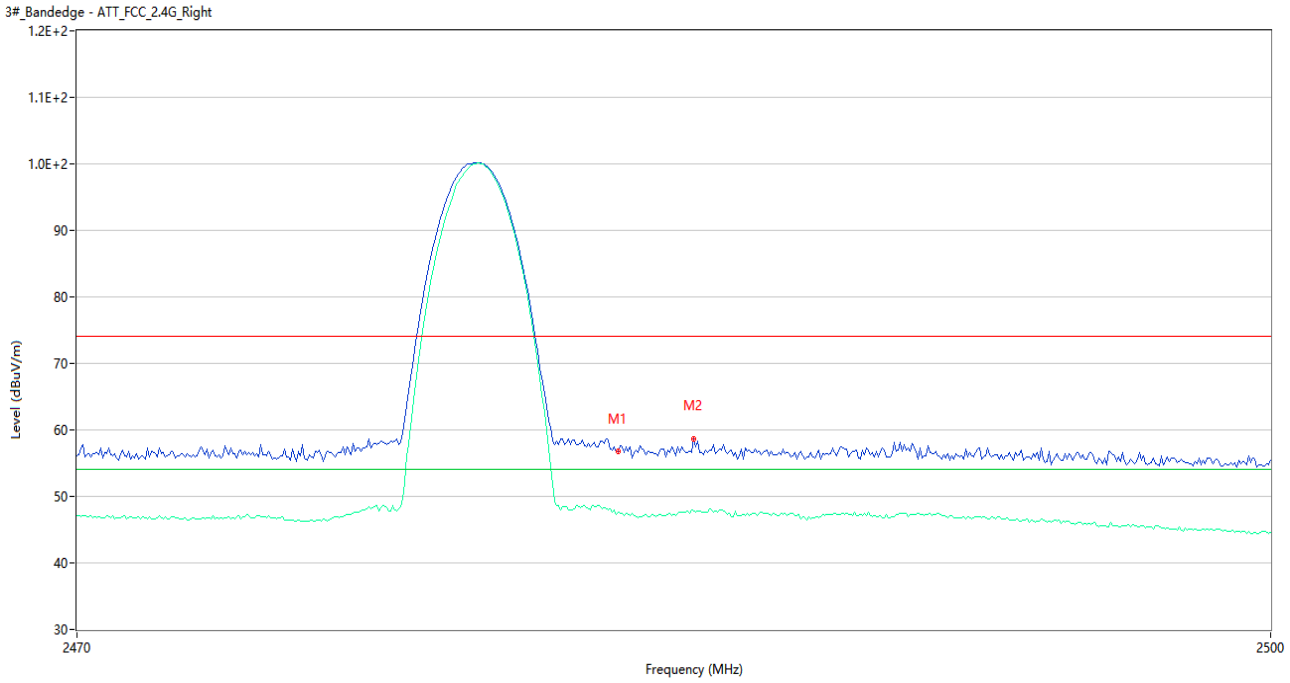
Fiberglass Omni-directional Antenna

LOW CHANNEL



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2378.500	57.55	74.0	16.45	Peak	284.00	100	Vertical	Pass
1**	2378.500	45.24	54.0	8.76	AV	284.00	100	Vertical	Pass
2	2389.833	56.64	74.0	17.36	Peak	336.00	200	Vertical	Pass
2**	2389.833	46.19	54.0	7.81	AV	336.00	200	Vertical	Pass

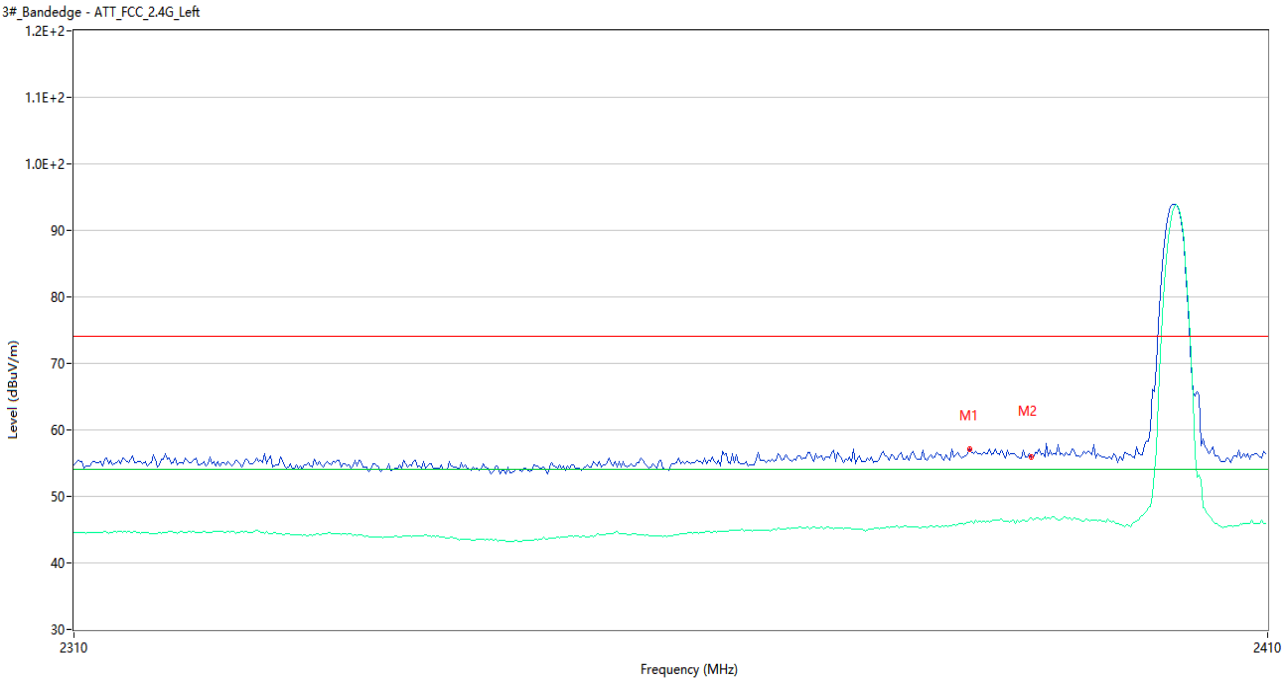
HIGH CHANNEL



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.550	56.75	74.0	17.25	Peak	348.00	150	Vertical	Pass
1**	2483.550	47.61	54.0	6.39	AV	348.00	150	Vertical	Pass
2	2485.450	58.70	74.0	15.30	Peak	339.00	100	Vertical	Pass
2**	2485.450	47.76	54.0	6.24	AV	339.00	100	Vertical	Pass

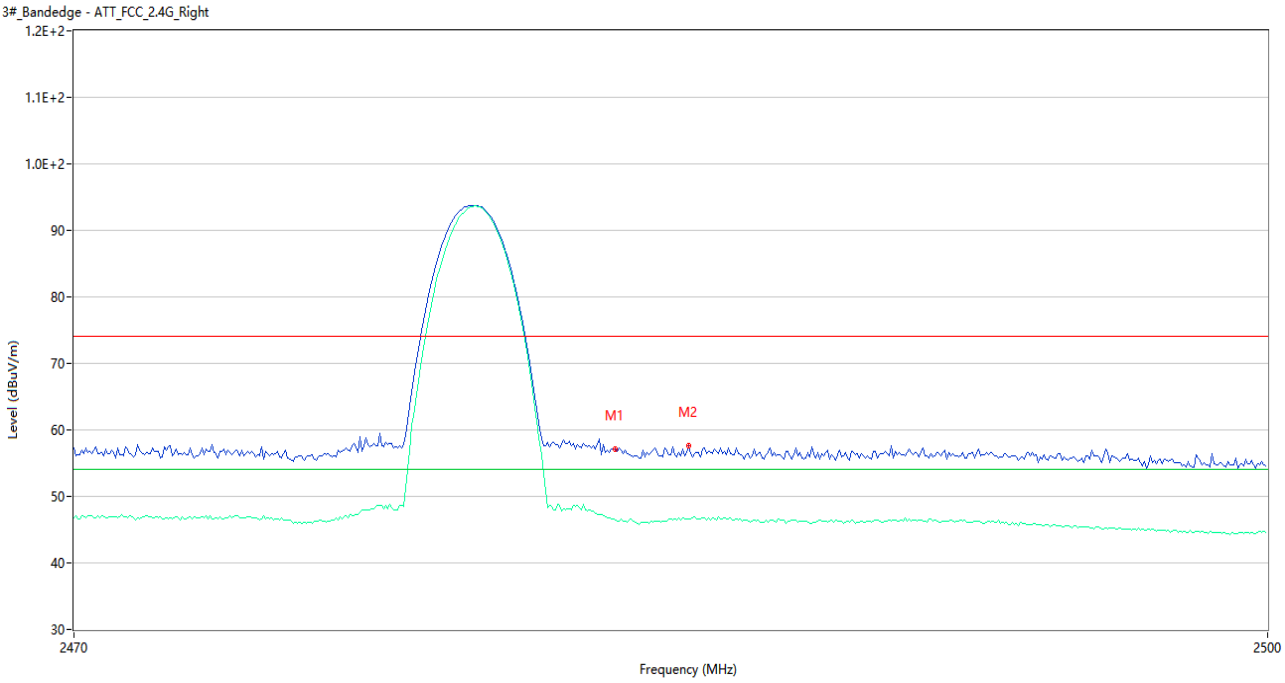
Dipole Antenna

LOW CHANNEL



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2384.667	57.20	74.0	16.80	Peak	360.00	150	Vertical	Pass
1**	2384.667	46.11	54.0	7.89	AV	360.00	150	Vertical	Pass
2	2389.833	55.98	74.0	18.02	Peak	0.00	100	Vertical	Pass
2**	2389.833	46.77	54.0	7.23	AV	0.00	100	Vertical	Pass

HIGH CHANNEL



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.550	57.14	74.0	16.86	Peak	28.00	150	Vertical	Pass
1**	2483.550	46.48	54.0	7.52	AV	28.00	150	Vertical	Pass
2	2485.400	57.68	74.0	16.32	Peak	192.00	200	Vertical	Pass
2**	2485.400	46.53	54.0	7.47	AV	192.00	200	Vertical	Pass

ANNEX B TEST SETUP PHOTOS

Please refer the document “Ti-EE26050398-AR.PDF”.

ANNEX C EUT EXTERNAL PHOTOS

Please refer the document “Ti-EE26050398-AW.PDF”.

ANNEX D EUT INTERNAL PHOTOS

Please refer the document “Ti-EE26050398-AI.PDF”.

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--END OF REPORT--