

EUROFINS ELECTRICAL TESTING SERVICE (SHENZHEN) CO., LTD.

RADIO TEST - REPORT

FCC Compliance Test Report for

Product name: GUITAR CONTROLLER

Model name: RO26KN, RO26KX, RO26KP

FCC ID: 2BVX9RO26K

Test Report Number: EFGX26070286-IE-07-E01

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1 General Information

1.1 Notes

The results of this test report relate exclusively to the item tested as specified in chapter "Description of test item" and are not transferable to any other test items.

Eurofins Electrical Testing Service (Shenzhen) Co., Ltd. is not responsible for any generalisations and conclusions drawn from this report. Any modification of the test item can lead to invalidity of test results and this test report may therefore be not applicable to the modified test item.

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Operator:

2026-07-29

Bruce Zheng / Project Engineer



Date	Eurofins-Lab.	Name / Title	Signature
2026-07-29		Bruce Zheng / Project Engineer	

Technical responsibility for area of testing:

2026-07-29

Albert Xu / Lab Manager



Date	Eurofins-Lab.	Name / Title	Signature
2026-07-29		Albert Xu / Lab Manager	

1.2 Testing laboratory

Eurofins Electrical Testing Service (Shenzhen) Co., Ltd.

Room 20 of 2/F., 1/F., Building 2, Spring Block & Room 102, Building 8, Autumn Block, Meishenghuigu Innovation Park, No.83, Dabao Road, Bao'an District, Shenzhen, Guangdong, China

Telephone : +86-755-82911867

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The Laboratory has passed the Accreditation by the American Association for Laboratory Accreditation (A2LA). The Accreditation number is 5376.01

The Laboratory has been listed by industry Canada to perform electromagnetic emission measurements, The CAB identifier is CN0088

1.3 Details of applicant

Name	: RedOctane Games
Address	: 3142 Constitution Dr, Livermore, CA 94551, USA
Telephone	: ./.
Fax	: ./.

1.4 Details of manufacturer

Name	: RedOctane Games
Address	: 3142 Constitution Dr, Livermore, CA 94551, USA
Telephone	: ./.
Fax	: ./.

1.5 Application details

Date of receipt of application : 2026-07-10
 Date of receipt of test item : 2026-07-10
 Date of test : 2026-07-10 to 2026-07-29
 Date of issue : 2026-07-29

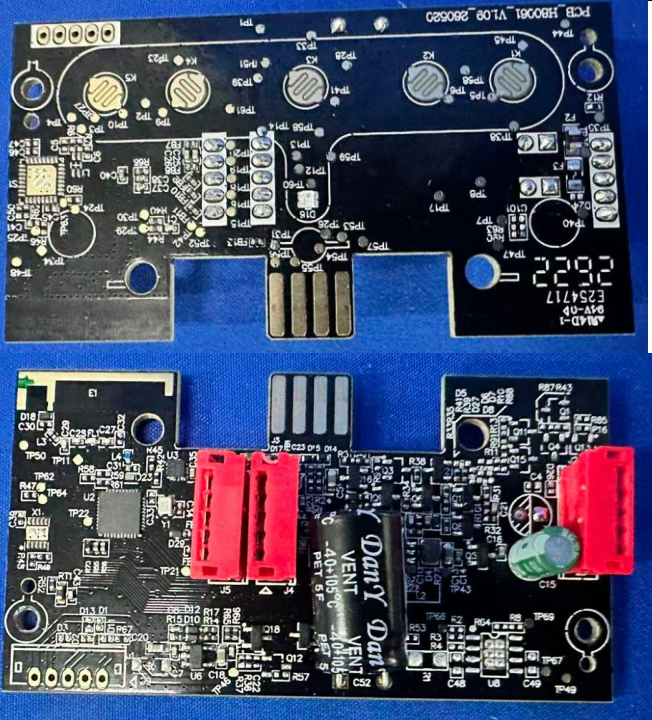
1.6 Test item

Product type : GUITAR CONTROLLER
 Model name : RO26KN, RO26KX, RO26KP
 Brand : ./.
 Sample ID : 260710-30-002, 260710-30-003, 260710-30-004
 Serial number : ./.
 Ratings : 3Vdc supplied by 3* type "AA" Battery
 Test voltage : 3Vdc

RadioTechnical data

Frequency range : 2402MHz – 2480MHz
 Radio Tech. : 2.4G SRD
 Frequency channel : 40
 Modulation : GFSK
 Antenna type : Intenral antenna
 Additional information :

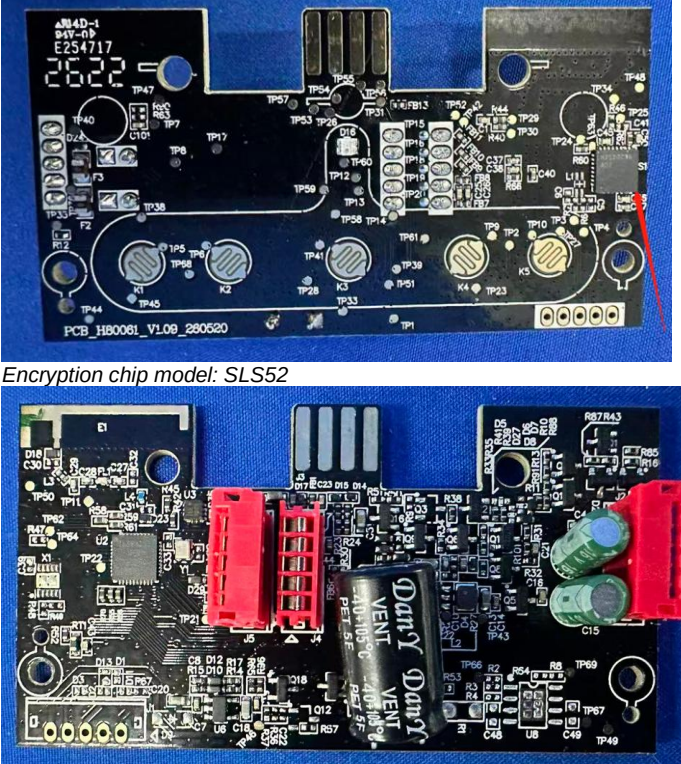
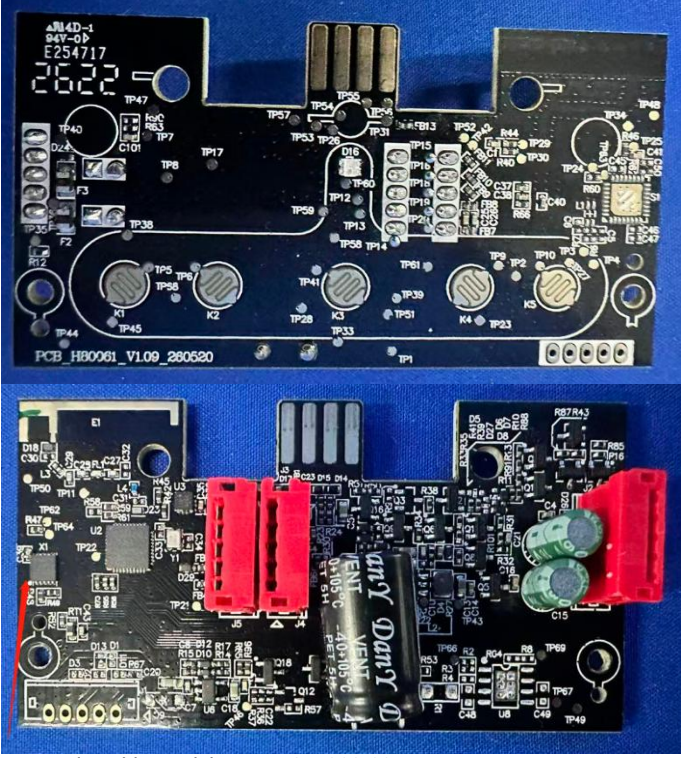
All models are the same, except for the placement of the encryption chip

PMN	HVIN	Encryption chip
Guitar Controller	RO26KN	 RO26KN has no encryption chip

Test Report No.: EFGX26070286-IE-07-E01

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Guitar Controller	RO26KP	 Encryption chip model: SLS52
Guitar Controller	RO26KX	 Encryption chip model: UAB-X874203-001

1.7 Test standards

Test Standards	
FCC Part 15 Subpart C December 16, 2020	PART 15 - RADIO FREQUENCY DEVICES Subpart C - Intentional Radiators

Test Method

- 1: ANSI C63.4-2014, American National Standard for Methods of Measurement of Radio-Noise Emissions from Low-Voltage Electrical and Electronic Equipment in the Range of 9 kHz to 40 GHz.
- 2: ANSI C63.10-2020+COR. 1-2023+C63.10A-2024 + ERRATA TO C63.10A-2024, American National Standard for Testing Unlicensed Wireless Devices.

2 Technical test

2.1 Summary of test results

No deviations from the technical specification(s) were ascertained in the course of the tests performed.



or

The deviations as specified were ascertained in the course of the tests performed.



2.2 Test environment

RF Conducted

Enviroment Parameter	Temperature	Relative Humidity
101.2Kpa	24.6	62.6%

Radiated

Enviroment Parameter	Temperature	Relative Humidity
101.2Kpa	23.7	51.7%

2.3 Measurement uncertainty

The uncertainty is calculated using the methods suggested in the "Guide to the Expression of Uncertainty in Measurement" (GUM) published by ISO.

System Measurement Uncertainty	
Test Items	Extended Uncertainty
Uncertainty in conducted measurements	1.96dB
Uncertainty for Conducted RF test	RF Power Conducted: 1.16dB Frequency test involved: 1.05×10 ⁻⁷ or 1%
Uncertainty for Radiated Spurious Emission 25MHz-3000MHz	Horizontal: 4.46dB; Vertical: 4.54dB;
Uncertainty for Radiated Spurious Emission 3000MHz-18000MHz	Horizontal: 4.42dB; Vertical: 4.41dB;
Uncertainty for Radiated Spurious Emission 18000MHz-40000MHz	Horizontal: 4.63dB; Vertical: 4.62dB;

2.4 Test mode

Channel List

40 channels are provided for 1M / 2M (GFSK):

CHANNEL	FREQ. (MHZ)	CHAN- NEL	FREQ. (MHZ)	CHAN- NEL	FREQ. (MHZ)	CHAN- NEL	FREQ. (MHZ)
0	2402	10	2422	20	2442	30	2462
1	2404	11	2424	21	2444	31	2464
2	2406	12	2426	22	2446	32	2466
3	2408	13	2428	23	2448	33	2468
4	2410	14	2430	24	2450	34	2470
5	2412	15	2432	25	2452	35	2472
6	2414	16	2434	26	2454	36	2474
7	2416	17	2436	27	2456	37	2476
8	2418	18	2438	28	2458	38	2478
9	2420	19	2440	29	2460	39	2480

The EUT was set at continuously transmitting mode (2402MHz,2440MHz,2480MHz) during the test.

2.5 Test equipment utilized

EQUIPMENT ID	EQUIPMENT NAME	MODEL NO.	CAL. DUE DATE
23-2-13-05	EMI Test Receiver	ESR3	2027-03-20
23-2-13-06	LISN	NNLK 8127 RC	2027-03-20
23-2-10-16	Attenuator	VTSD 9561-F	2027-03-20
23-2-10-63	Temperature & Humidity Meter	COS-03	2027-03-20
23-2-10-65	Barometer	Baro	2027-03-20
23-2-13-12	Signal Analyzer	N9010B-544	2027-03-20
23-2-13-13	BT/WLAN Tester	CMW270	2027-03-20
23-2-13-14	Signal Generator	N5183B-520	2027-03-20
23-2-13-15	Vector Signal Generator	N5182B-506	2027-03-20
23-2-10-43	Switch and Control Unit	ERIT-E-JS0806-2	2027-03-20
23-2-10-44	DC power supply	E3642A	2027-03-20
23-2-10-45	Temperature test chamber	SG-80-CC-2	2027-03-20
23-2-10-50	Temperature & Humidity Meter	COS-03	2027-03-20
23-2-10-66	Barometer	Baro	2027-03-20
23-2-13-01	EMI Test Receiver	ESR7	2027-03-20
23-2-13-02	Signal Analyzer	N9020B-544	2027-03-20
23-2-12-01	Active Loop Antenna	FMZB 1519B	2026-08-16
23-2-12-02	TRILOG Broadband Antenna	VULB9168	2026-09-11
23-2-12-03	Horn Antenna	3117	2026-08-23
23-2-12-04	Horn Antenna	BBHA 9170	2026-08-16
23-2-10-01	Preamplifier	BBV9745	2027-03-20
23-2-10-02	Preamplifier	TAP01018048	2027-03-20
23-2-10-03	Preamplifier	TAP18040048	2027-03-20
23-2-10-62	Temperature & Humidity Meter	COS-03	2027-03-20
23-2-10-64	Barometer	Baro	2027-03-20
23-2-10-14	Switch and Control Unit	ERIT-E-JS0806-SF1	N/A
23-2-13-03	EMI Test Receiver	ESR7	2027-03-20
23-2-13-04	Signal Analyzer	N9020B-526	2027-03-20
23-2-12-06	Active Loop Antenna	FMZB 1519B	2027-03-20
23-2-10-46	Preamplifier	BBV9745	2027-03-20
23-2-10-47	Preamplifier	TAP01018048	2027-03-20
23-2-10-61	Temperature & Humidity Meter	COS-03	2027-03-20
23-2-10-52	Barometer	Baro	2027-03-20
23-2-10-15	Switch and Control Unit	ERIT-E-JS0806-SF1	N/A

2.6 Auxiliary Equipment Used during Test:

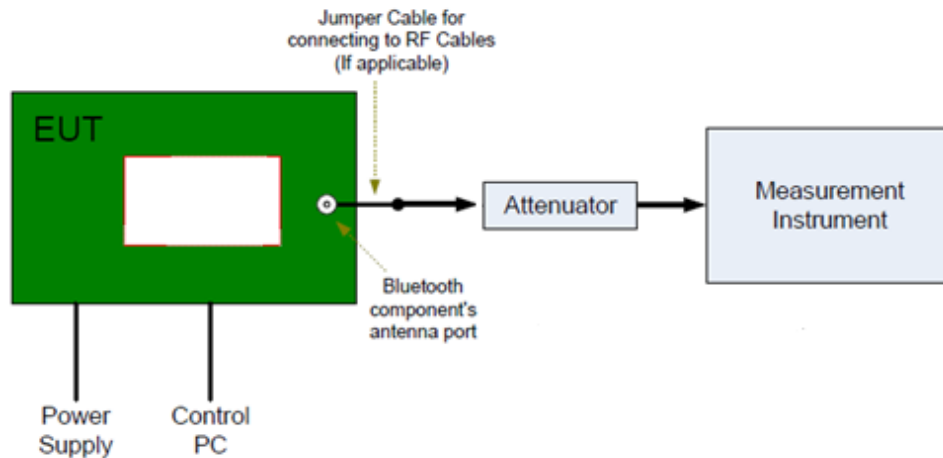
DESCRIPTION	MANUFACTURER	MODEL NO.	S/N
Laptop	LENOVO	TP00096A	PF-1QH0LV

2.7 Test software information:

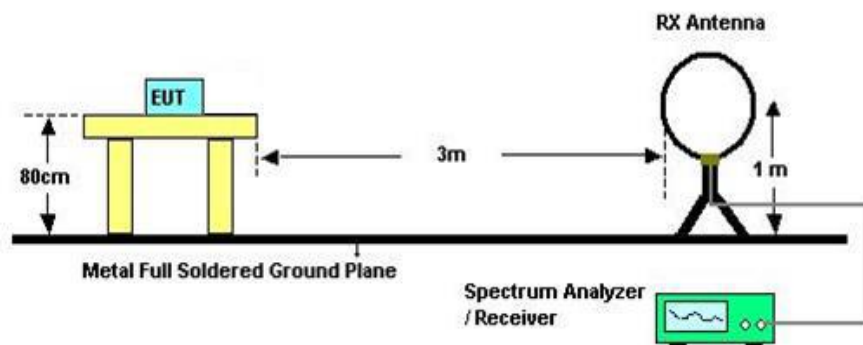
Test Software Version	EMI TOOL		
Modulation	Setting TX Power	TX Pattern	Packet Type
GFSK	DEF	TX Packet	1M, 2M

2.8 Test setup

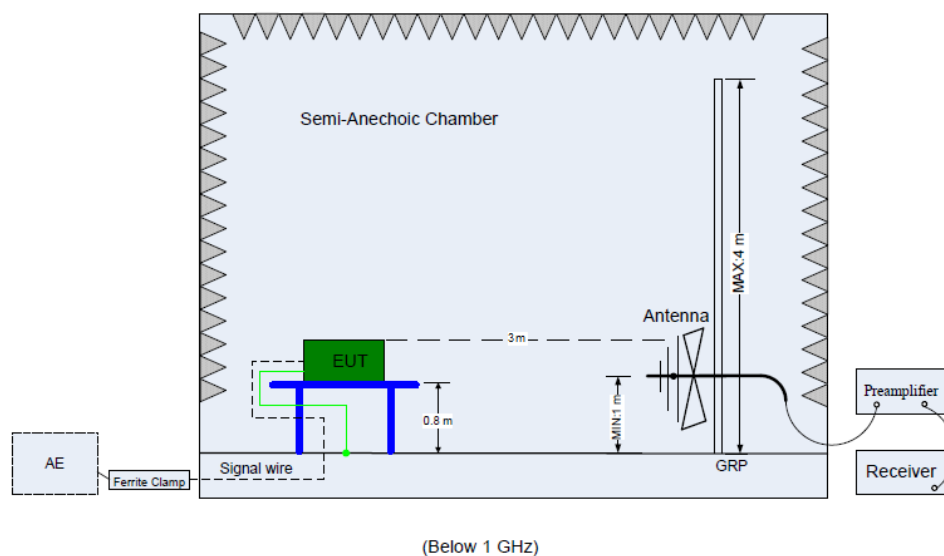
Setup diagram for conducted tests



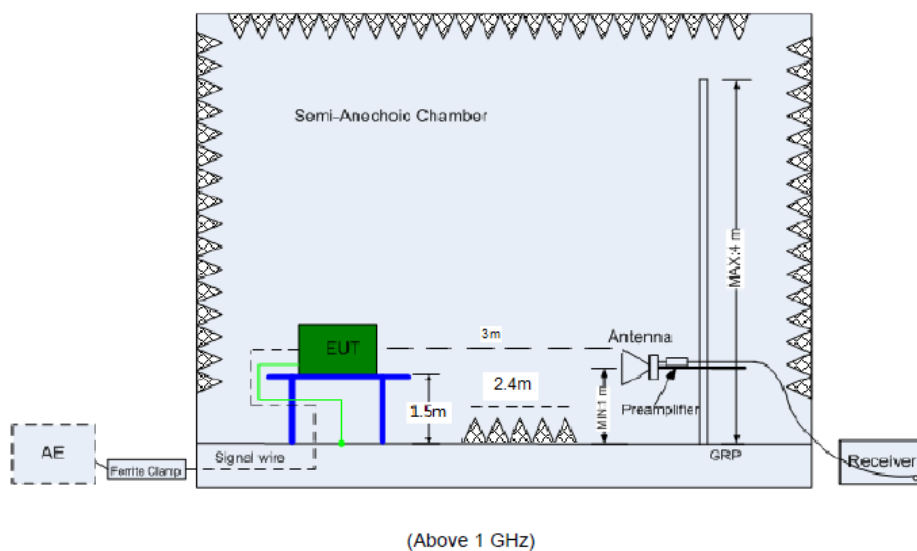
Setup diagram for radiated tests below 30MHz



Setup diagram for radiated tests below 1GHz



Setup diagram for radiated tests above 1GHz



2.9 Test results

☒ 1st test

☐ test after modification

☐ production test

FCC rule section(s)	ISED rule section(s)		Test Result	Verdict
§15.207	RSS-GEN 8.8	AC power-line conducted emissions	N.A	N.A
§15.215 (c)	RSS-GEN 6.7	Occupied bandwidth and 20 dB bandwidth	Appendix B	Pass
§15.249 (a)&(d)	RSS-210 B.10 (b)	Radiated emissions	Appendix C	Pass
§15.203	RSS-GEN 6.8	Antenna requirement	See note 1	Pass

Remark 1: N/A – Not Applicable.

Note 1: The EUT uses a internal antenna. According to §15.203, it is considered sufficiently to comply with the provisions of this section.

3 Technical requirement and result

3.1 AC power-line conducted emissions

3.1.1 Limits

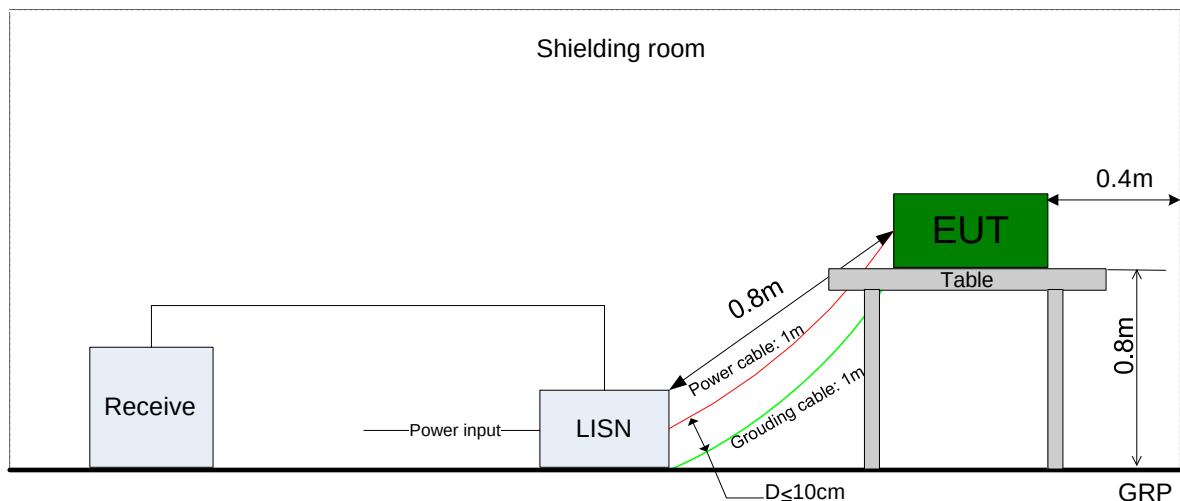
Frequency (MHz)	Conducted limit (dB μ V)	
	Quasi-peak	Average
0.15 - 0.5	66 to 56 ¹	56 to 46 ¹
0.5 – 5	56	46
5 – 30	60	50

Note 1: The level decreases linearly with the logarithm of the frequency.

3.1.2 Measurement procedure

Clause 6.2 of *ANSI/C63.10-2020+COR. 1-2023+C63.10A-2024 + ERRATA TO C63.10A-2024*.

3.1.3 Setup



3.2 Occupied bandwidth and 20 dB bandwidth

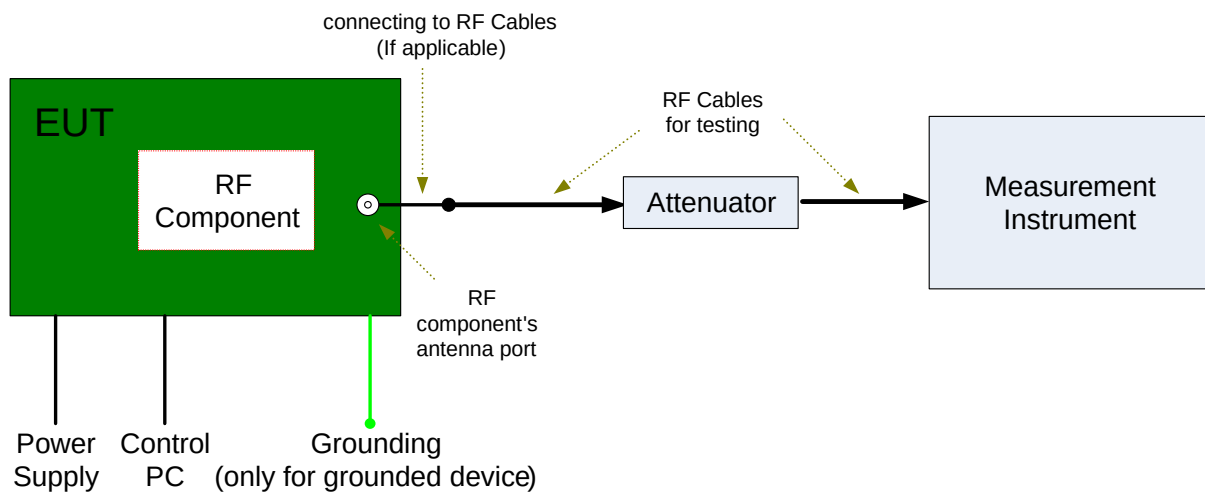
3.2.1 Limits

None; for reporting purposes only.

3.2.2 Measurement procedure

Clause 6.9 of *ANSI C63.10-2020+COR. 1-2023+C63.10A-2024* + *ERRATA TO C63.10A-2024*.

3.2.3 Setup



3.3 Radiated emissions

3.3.1 Limits

Fundamental frequency (MHz)	Field strength of fundamental (millivolts/meter)	Field strength of harmonics (microvolts/meter)
902-928	50	500
2400-2483.5	50	500
5725-5875	50	500
24000-24250	250	500

Field strength limits are specified at a distance of 3 meters.

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 emission limits in the following table, whichever requires the lesser attenuation.

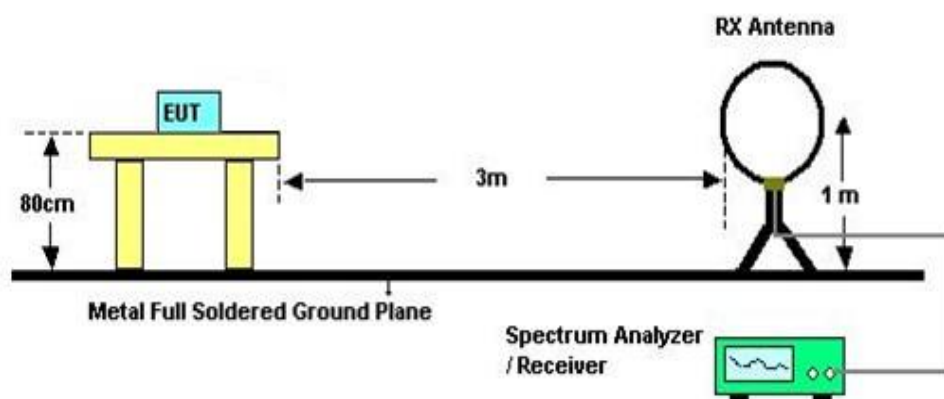
Frequency (MHz)	Field strength (microvolts/meter)	Measurement distance (meters)
0.009-0.490	2400/F(kHz)	300
0.490-1.705	24000/F(kHz)	30
1.705-30.0	30	30
30-88	100	3
88-216	150	3
216-960	200	3
Above 960	500	3

3.3.2 Measurement procedure

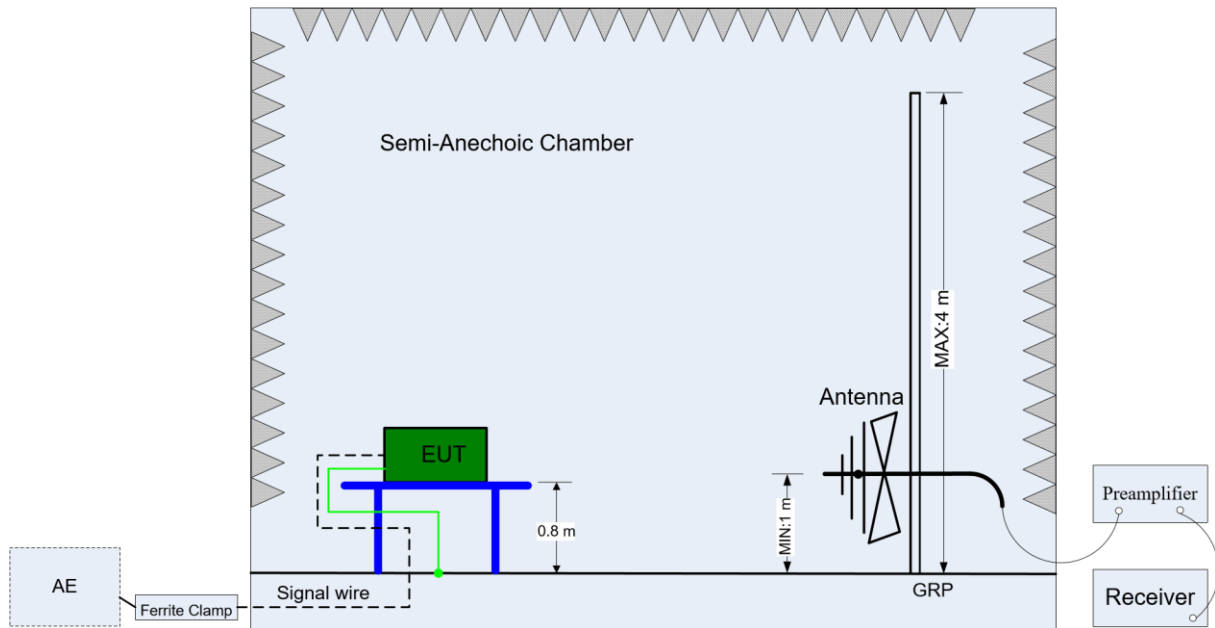
Clause 4.1.5; 5.2; 5.3; 6.3; 6.4; 6.5; 6.6 of *ANSI/C63.10-2020+COR. 1-2023+C63.10A-2024 + ER-RATA TO C63.10A-2024*.

3.3.3 Setup

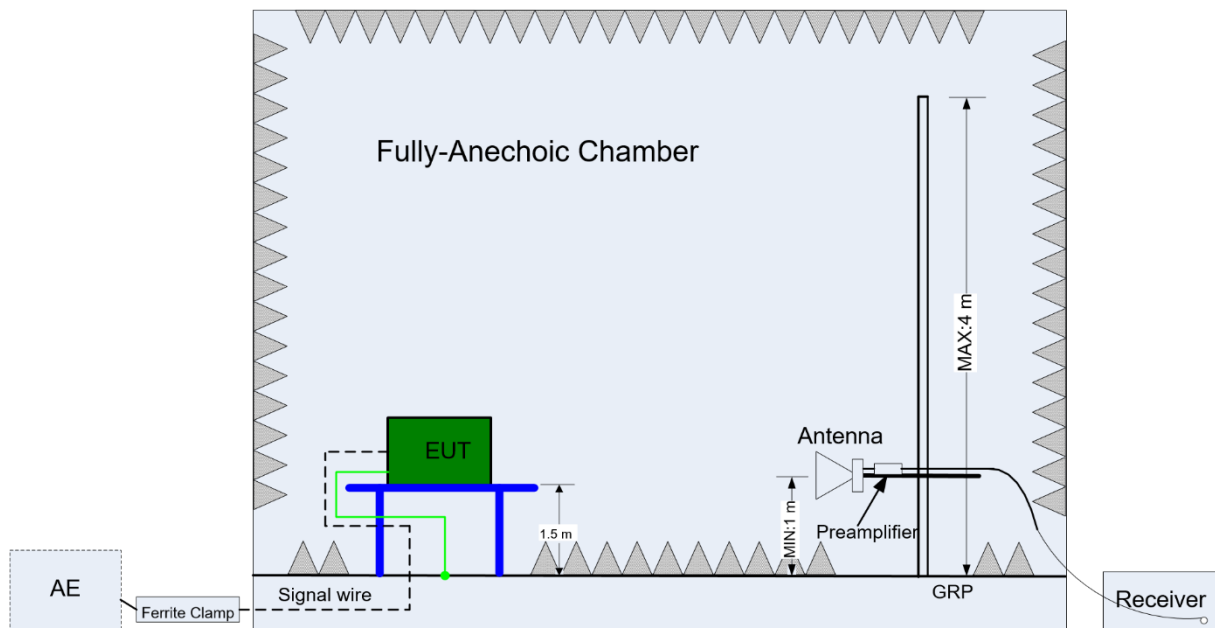
Below 30MHz



Below 1GHz



Above 1GHz

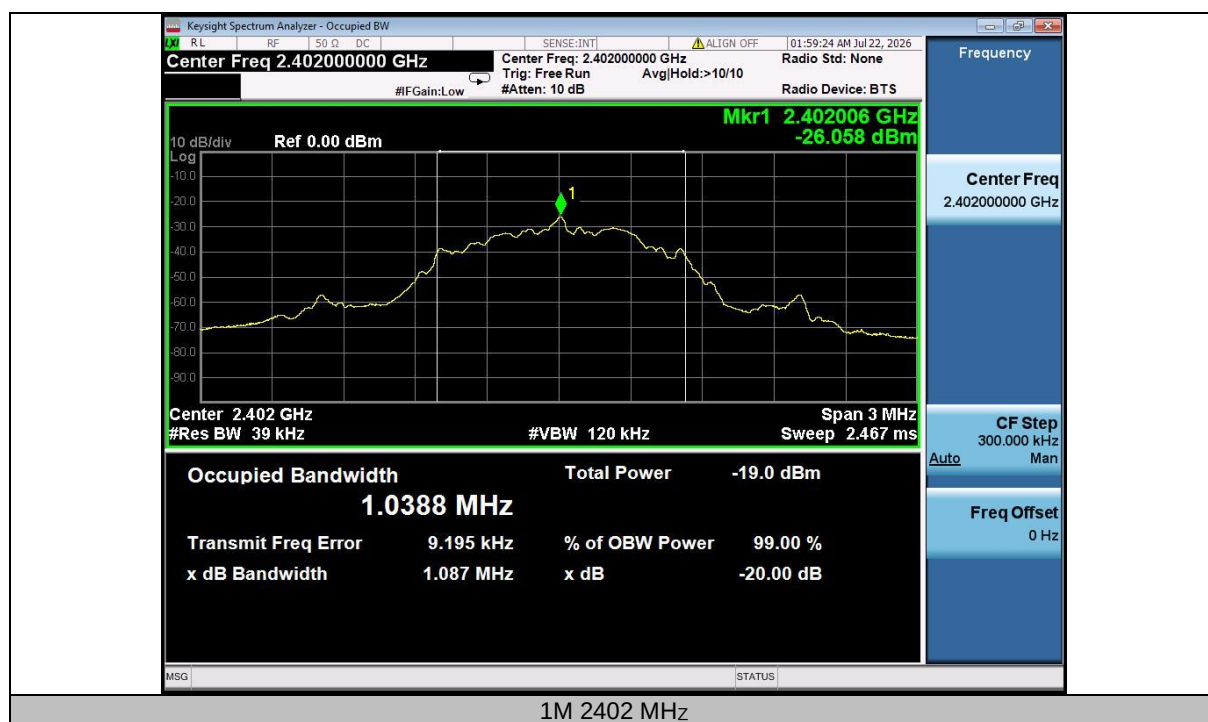


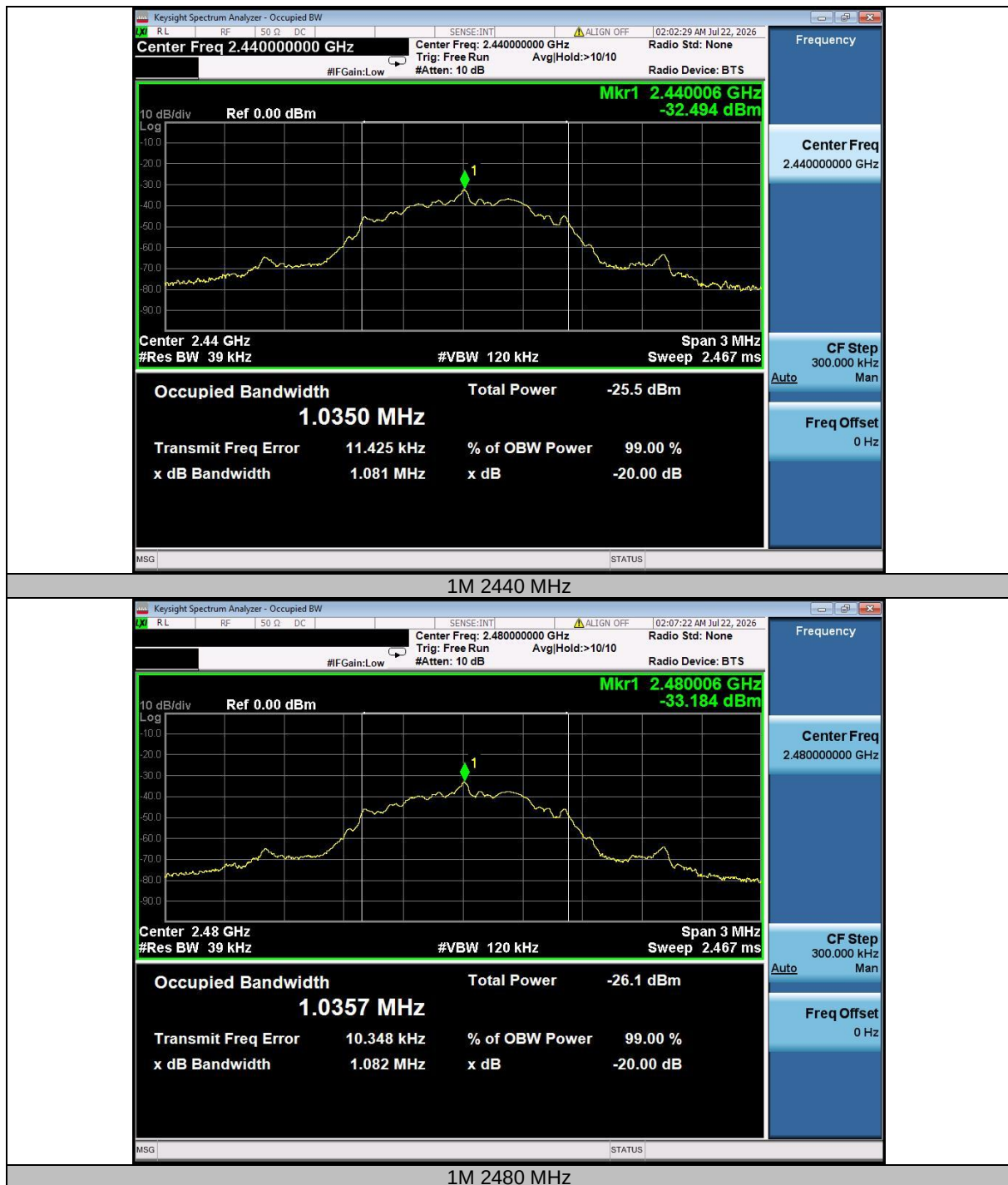
Appendix A: Occupied Channel Bandwidth

Test Result

Channel Frequency[MHz]	OCB [MHz]	20db EBW[MHz]
1M-2402	1.0388	1.0870
1M-2440	1.0350	1.0810
1M-2480	1.0357	1.0820
2M-2402	2.0631	2.2130
2M-2440	2.0636	2.2140
2M-2480	2.0658	2.2090

Test Graphs



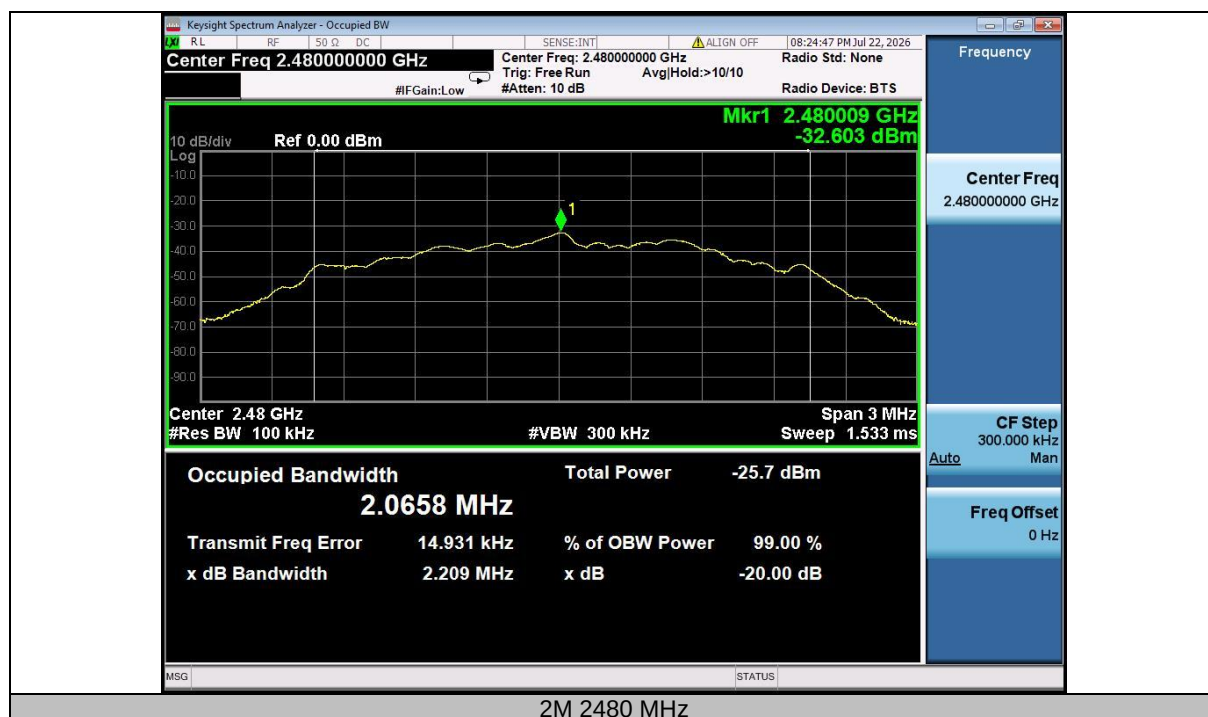


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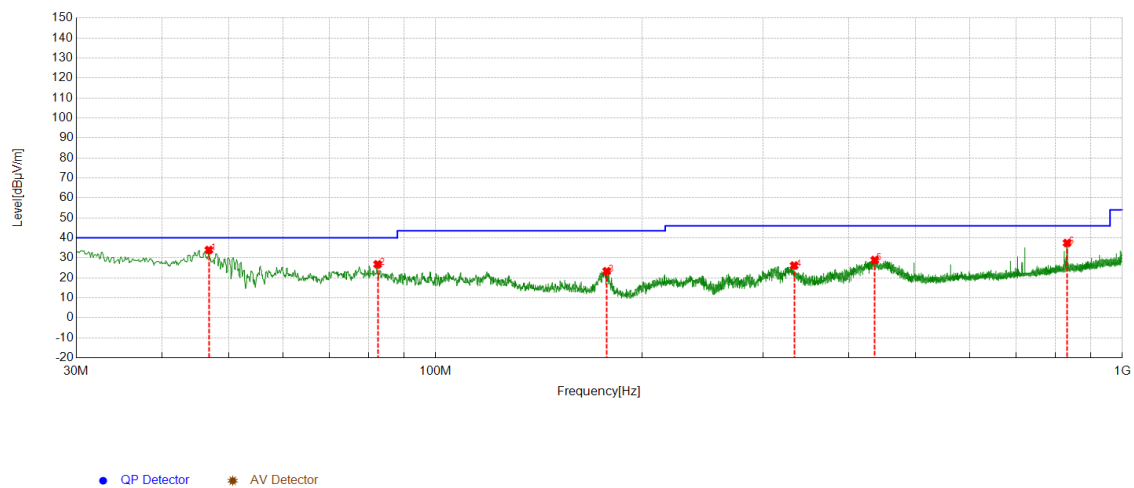
Appendix B: Radiated emission

The report only records the worst-case emission levels.

For radiated emissions in the frequency range of 9 kHz to 30 MHz, a preliminary scan was performed. Per FCC §15.31(o), emissions that were more than 20 dB below the applicable limit are not reported.

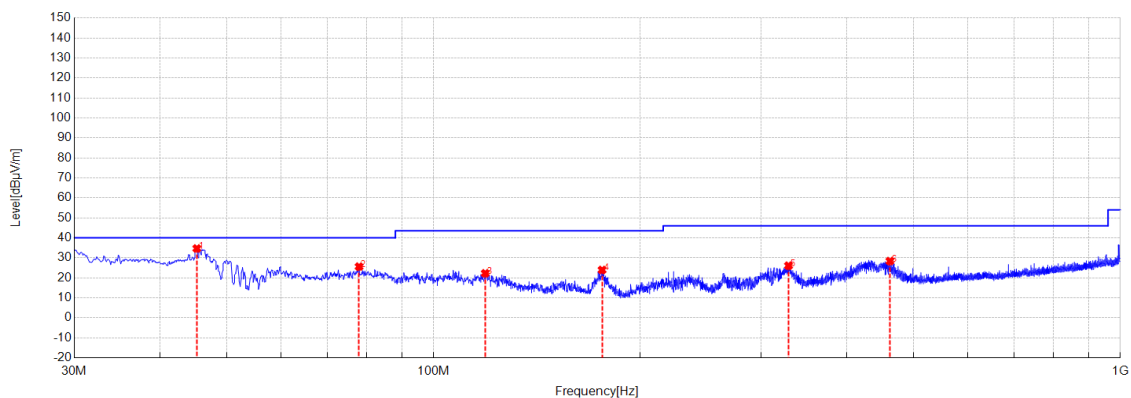
For radiated emissions at frequencies above 1 GHz, per ANSI C63.10-2020+COR. 1-2023+C63.10A-2024 + ERRATA TO C63.10A-2024, Section 6.6.4.3, Note 1, if the peak measured value complies with the average limit, an average measurement is not required. Therefore, for frequencies where the peak result complies with the average limit, average (AV) emission values may be omitted from the table below.

Mode:	Tx	Channel:	1M-2402MHz
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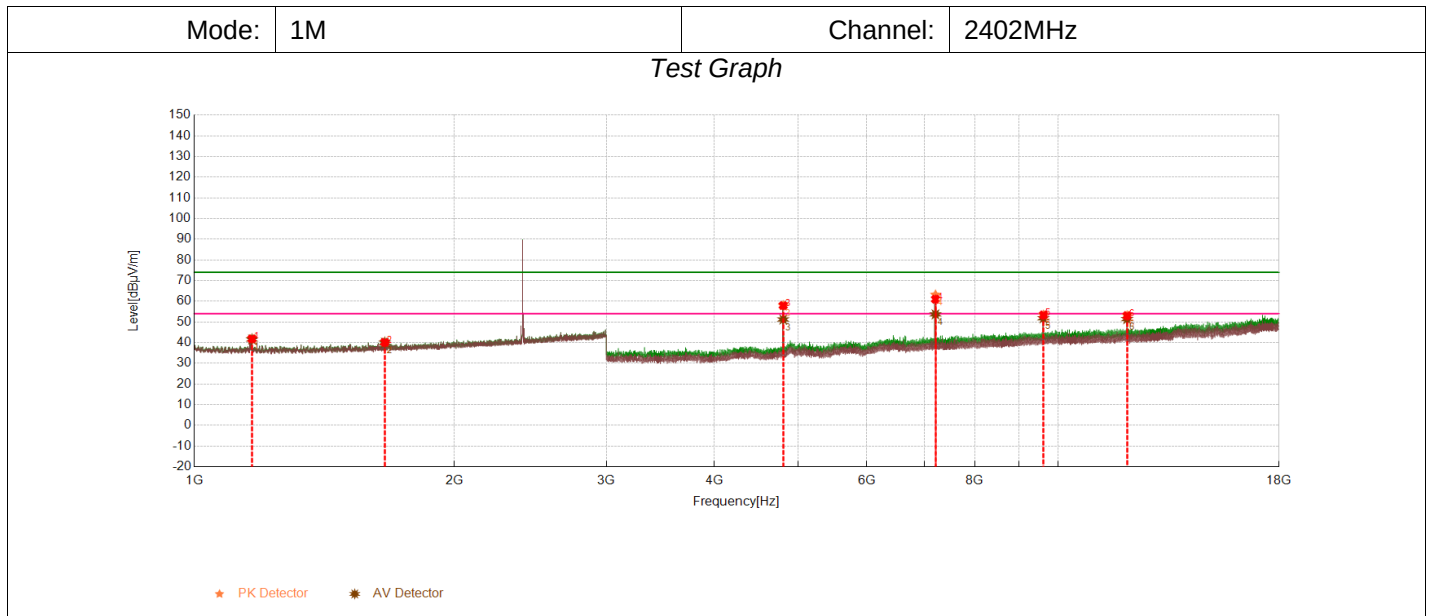
Suspected Data List											
NO.	Frequency [MHz]	Reading [dBμV/m]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Det	Polarity	Verdict
1	46.7827	50.01	33.94	-16.07	40.00	6.06	150	290	PK	Vertical	PASS
2	82.3852	46.93	26.76	-20.17	40.00	13.24	150	234	PK	Vertical	PASS
3	177.5518	40.59	23.30	-17.29	43.50	20.20	150	256	PK	Vertical	PASS
4	332.8643	41.17	26.13	-15.04	46.00	19.87	150	265	PK	Vertical	PASS
5	436.1796	41.39	28.90	-12.49	46.00	17.10	150	70	PK	Vertical	PASS
6	831.2031	42.44	37.42	-5.02	46.00	8.58	150	112	PK	Vertical	PASS

Mode:	Tx	Channel:	1M-2402MHz
-------	----	----------	------------



● QP Detector ★ AV Detector

Suspected Data List											
NO.	Frequency [MHz]	Reading [dBμV/m]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Det	Polarity	Verdict
1	45.2305	50.59	34.69	-15.90	40.00	5.31	150	320	PK	Horizontal	PASS
2	77.9228	45.22	25.60	-19.62	40.00	14.40	150	22	PK	Horizontal	PASS
3	118.9579	39.85	22.27	-17.58	43.50	21.23	150	54	PK	Horizontal	PASS
4	175.9996	40.91	23.92	-16.99	43.50	19.58	150	236	PK	Horizontal	PASS
5	328.7899	40.94	26.07	-14.87	46.00	19.93	150	0	PK	Horizontal	PASS
6	461.9842	39.87	28.38	-11.49	46.00	17.62	150	197	PK	Horizontal	PASS



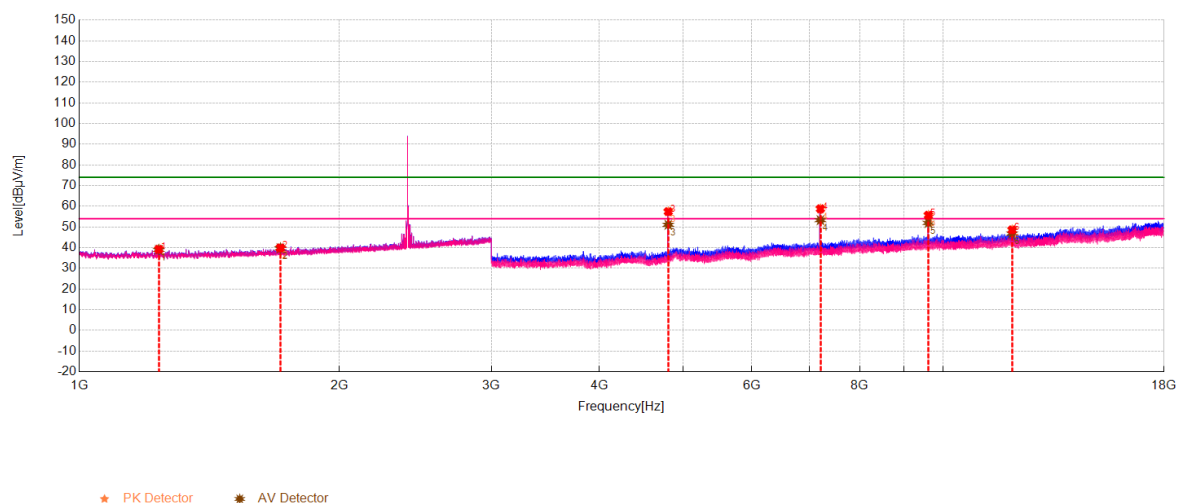
Final Data List														
NO.	Frequency [MHz]	Factor [dB]	PK Reading [dBμV/m]	PK Value [dBμV/m]	PK Limit [dBμV/m]	PK Margin [dB]	AV Reading [dBμV/m]	AV Value [dBμV/m]	AV Limit [dBμV/m]	AV Margin [dB]	Height [cm]	Angle [°]	Polarity	Verdict
1	1166.4000	-0.16	42	41.84	74.00	32.16	41.66	41.50	54.00	12.50	150	95	Vertical	PASS
2	1661.6000	0.45	39.71	40.16	74.00	33.84	39.50	39.95	54.00	14.05	150	66	Vertical	PASS
3	4803.5000	-14.56	72.52	57.96	74.00	16.04	65.75	51.19	54.00	2.81	150	91	Vertical	PASS
4	7206.7378	-9.36	72.52	63.16	74.00	10.84	63.02	53.66	54.00	0.34	150	344.4	Vertical	PASS
5	9608.5000	-5.07	58.45	53.38	74.00	20.62	56.85	51.78	54.00	2.22	150	300	Vertical	PASS
6	12008.5000	-1.77	54.85	53.08	74.00	20.92	53.12	51.35	54.00	2.65	150	306	Vertical	PASS

Note: (1) Level = Reading + Factor
 (2) Margin = Limit - Level

Mode: 1M

Channel: 2402MHz

Test Graph



Final Data List

NO.	Frequency [MHz]	Factor [dB]	PK Reading [dBμV/m]	PK Value [dBμV/m]	PK Limit [dBμV/m]	PK Margin [dB]	AV Reading [dBμV/m]	AV Value [dBμV/m]	AV Limit [dBμV/m]	AV Margin [dB]	Height [cm]	Angle [°]	Polarity	Verdict
1	1236.2000	-0.46	39.65	39.19	74.00	34.81	39.35	38.89	54.00	15.11	150	230	Horizontal	PASS
2	1709.2000	0.71	39.17	39.88	74.00	34.12	38.90	39.61	54.00	14.39	150	308	Horizontal	PASS
3	4804.5000	-14.51	71.93	57.42	74.00	16.58	65.56	51.05	54.00	2.95	150	254	Horizontal	PASS
4	7206.5000	-9.36	68.14	58.78	74.00	15.22	62.62	53.26	54.00	0.74	150	266	Horizontal	PASS
5	9609.0000	-5.06	60.75	55.69	74.00	18.31	56.99	51.93	54.00	2.07	150	298	Horizontal	PASS
6	12010.5000	-1.78	50.39	48.61	74.00	25.39	48.53	46.75	54.00	7.25	150	292	Horizontal	PASS

Note: (1) Level = Reading + Factor

(2) Margin = Limit - Level

Test Report No.: EFGX26070286-IE-07-E01

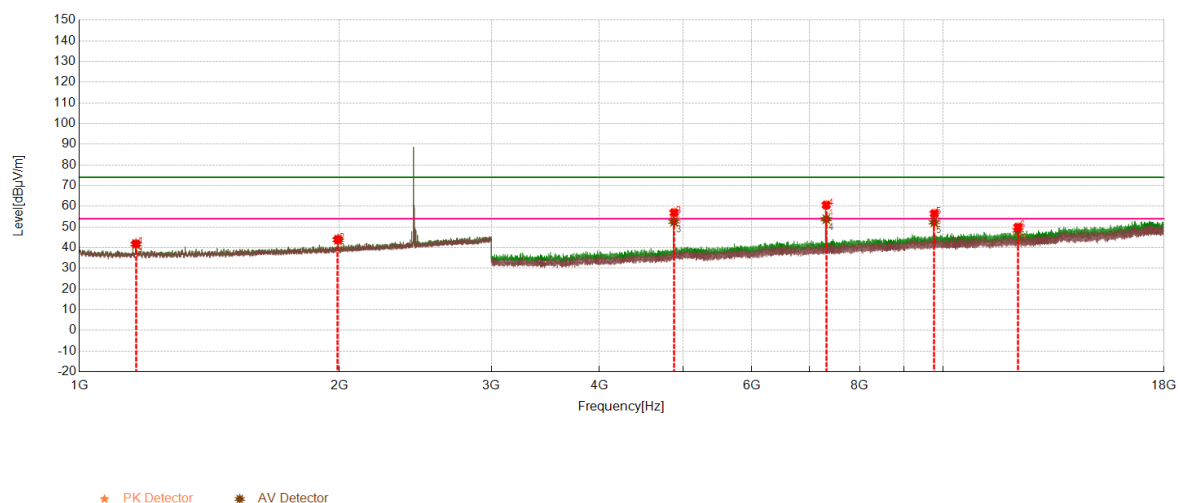
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Mode: 1M

Channel: 2440MHz

Test Graph



Final Data List

NO.	Frequency [MHz]	Factor [dB]	PK Reading [dBμV/m]	PK Value [dBμV/m]	PK Limit [dBμV/m]	PK Margin [dB]	AV Reading [dBμV/m]	AV Value [dBμV/m]	AV Limit [dBμV/m]	AV Margin [dB]	Height [cm]	Angle [°]	Polarity	Verdict
1	1163.2000	-0.26	42.08	41.82	74.00	32.18	41.88	41.62	54.00	12.38	150	82	Vertical	PASS
2	1992.4000	1.79	42.14	43.93	74.00	30.07	41.98	43.77	54.00	10.23	150	40	Vertical	PASS
3	4879.5000	-14.09	71	56.91	74.00	17.09	66.63	52.54	54.00	1.46	150	176	Vertical	PASS
4	7319.0000	-9.19	69.8	60.61	74.00	13.39	62.91	53.72	54.00	0.28	150	359	Vertical	PASS
5	9761.0000	-4.60	61.08	56.48	74.00	17.52	56.81	52.21	54.00	1.79	150	302	Vertical	PASS
6	12198.5000	-1.59	51.49	49.90	74.00	24.10	49.89	48.30	54.00	5.70	150	239	Vertical	PASS

Note: (1) Level = Reading + Factor

(2) Margin = Limit - Level

Test Report No.: EFGX26070286-IE-07-E01

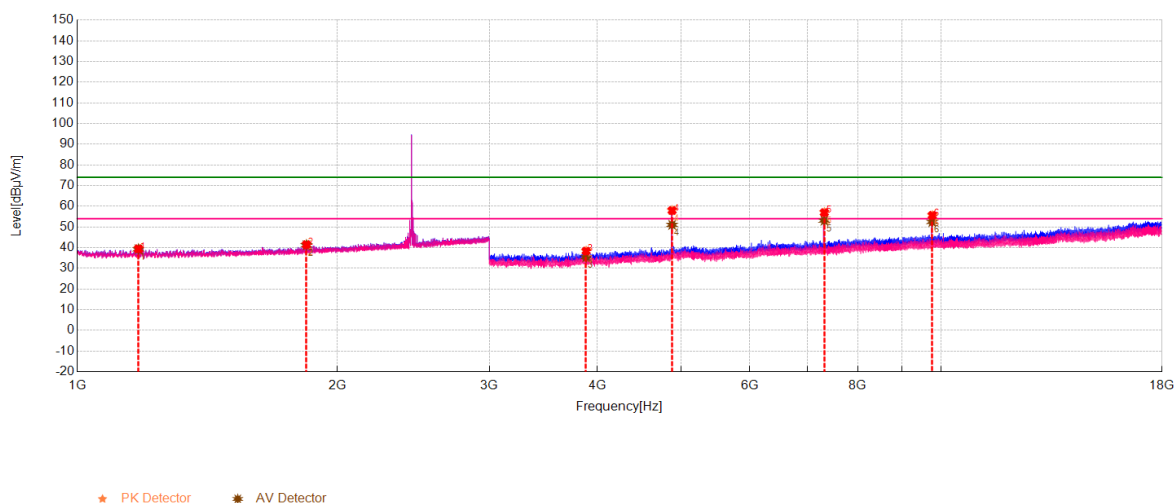
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Room 20 of 2/F., 1/F., Building 2, Spring Block & Room 102, Building 8, Autumn Block, Meishenghuigu Innovation Park, No.83, Dabao Road, Bao'an District, Shenzhen, Guangdong, China Telephone: +86-755-82911867, Fax: +86-755-82910749

Mode: 1M

Channel: 2440MHz

Test Graph



Final Data List

NO.	Frequency [MHz]	Factor [dB]	PK Reading [dBμV/m]	PK Value [dBμV/m]	PK Limit [dBμV/m]	PK Margin [dB]	AV Reading [dBμV/m]	AV Value [dBμV/m]	AV Limit [dBμV/m]	AV Margin [dB]	Height [cm]	Angle [°]	Polarity	Verdict
1	1177.2000	-0.18	39.61	39.43	74.00	34.57	39.35	39.17	54.00	14.83	150	101	Horizontal	PASS
2	1841.8000	1.33	40.1	41.43	74.00	32.57	39.78	41.11	54.00	12.89	150	214	Horizontal	PASS
3	3880.5000	-18.35	56.67	38.32	74.00	35.68	53.73	35.38	54.00	18.62	150	170	Horizontal	PASS
4	4879.5000	-14.09	72.05	57.96	74.00	16.04	65.10	51.01	54.00	2.99	150	360	Horizontal	PASS
5	7320.5000	-9.15	66.11	56.96	74.00	17.04	62.18	53.03	54.00	0.97	150	271	Horizontal	PASS
6	9760.5000	-4.59	60.19	55.60	74.00	18.40	57.02	52.43	54.00	1.57	150	316	Horizontal	PASS

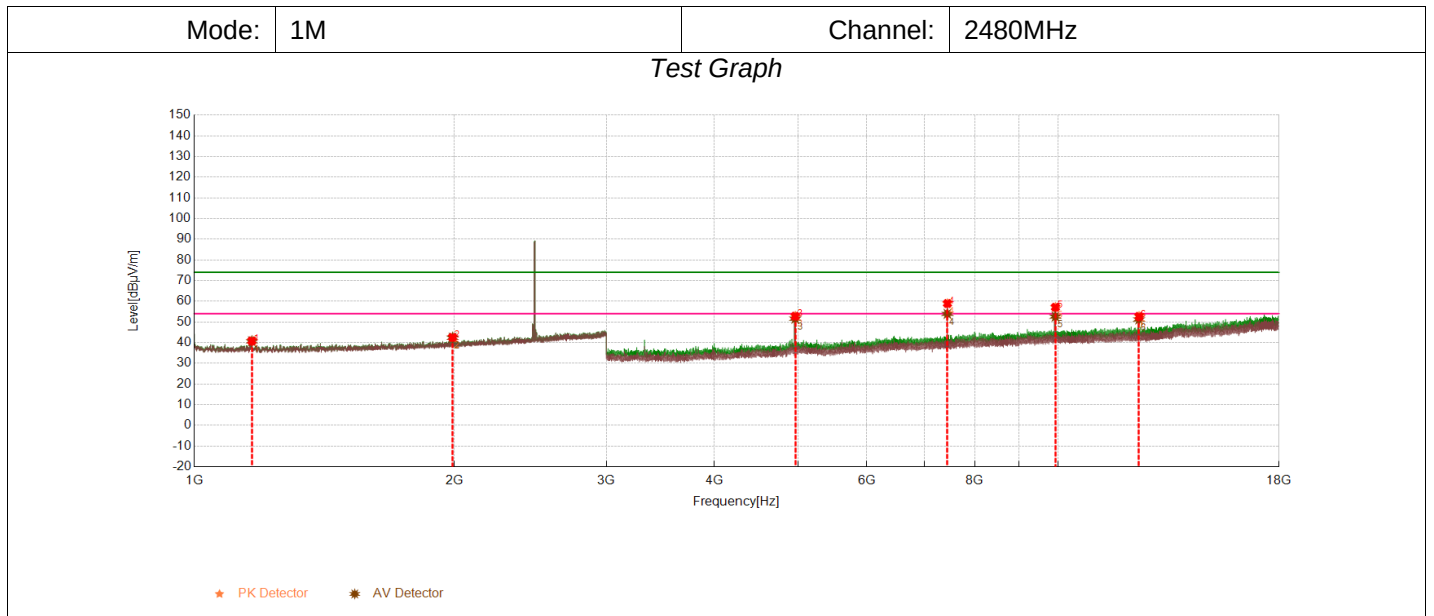
Note:(1)Level=Reading+Factor

(2)Margin=Limit-Level

Test Report No.: EFGX26070286-IE-07-E01

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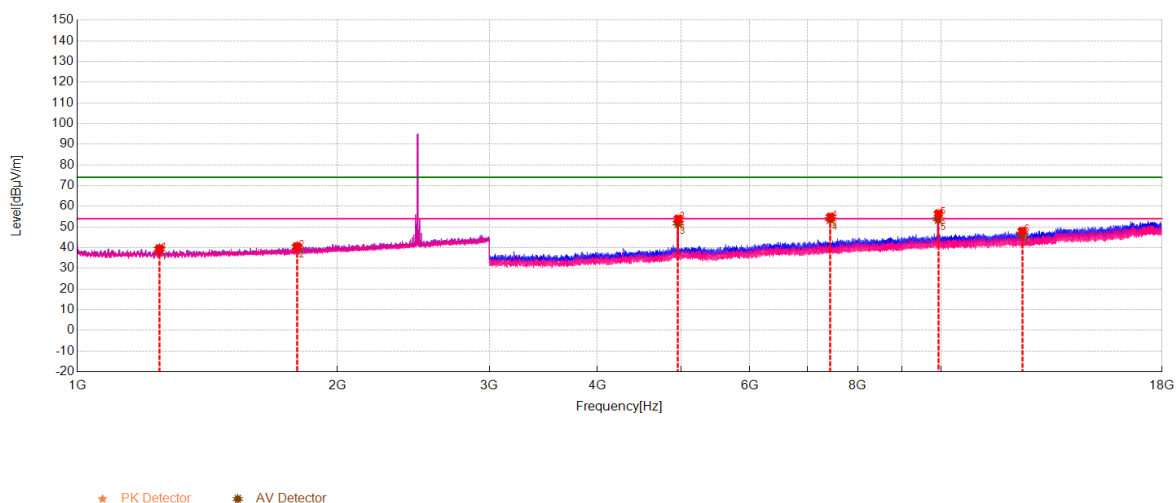
Final Data List														
NO.	Frequency [MHz]	Factor [dB]	PK Reading [dBμV/m]	PK Value [dBμV/m]	PK Limit [dBμV/m]	PK Margin [dB]	AV Reading [dBμV/m]	AV Value [dBμV/m]	AV Limit [dBμV/m]	AV Margin [dB]	Height [cm]	Angle [°]	Polarity	Verdict
1	1166.0000	-0.17	41.02	40.85	74.00	33.15	40.78	40.61	54.00	13.39	150	116	Vertical	PASS
2	1990.6000	1.82	40.72	42.54	74.00	31.46	40.52	42.34	54.00	11.66	150	37	Vertical	PASS
3	4960.0000	-14.84	67.66	52.82	74.00	21.18	66.42	51.58	54.00	2.42	150	163	Vertical	PASS
4	7440.5000	-8.90	67.83	58.93	74.00	15.07	62.79	53.89	54.00	0.11	150	43	Vertical	PASS
5	9921.0000	-4.28	61.39	57.11	74.00	16.89	56.83	52.55	54.00	1.45	150	304	Vertical	PASS
6	12398.5000	-1.48	54.18	52.70	74.00	21.30	52.69	51.21	54.00	2.79	150	316	Vertical	PASS

Note:(1)Level=Reading+Factor
(2)Margin=Limit-Level

Mode: 1M

Channel: 2480MHz

Test Graph



Final Data List

NO.	Frequency [MHz]	Factor [dB]	PK Reading [dBμV/m]	PK Value [dBμV/m]	PK Limit [dBμV/m]	PK Margin [dB]	AV Reading [dBμV/m]	AV Value [dBμV/m]	AV Limit [dBμV/m]	AV Margin [dB]	Height [cm]	Angle [°]	Polarity	Verdict
1	1244.8000	-0.50	39.92	39.42	74.00	34.58	39.76	39.26	54.00	14.74	150	86	Horizontal	PASS
2	1796.2000	1.02	39.49	40.51	74.00	33.49	39.25	40.27	54.00	13.73	150	149	Horizontal	PASS
3	4959.5000	-14.79	68.67	53.88	74.00	20.12	66.56	51.77	54.00	2.23	150	42	Horizontal	PASS
4	7440.5000	-8.90	63.71	54.81	74.00	19.19	62.61	53.71	54.00	0.29	150	316	Horizontal	PASS
5	9920.5000	-4.28	60.67	56.39	74.00	17.61	58.01	53.73	54.00	0.27	150	316	Horizontal	PASS
6	12401.0000	-1.52	49.53	48.01	74.00	25.99	48.17	46.65	54.00	7.35	150	278	Horizontal	PASS

Note:(1)Level=Reading+Factor

(2)Margin=Limit-Level

Test Report No.: EFGX26070286-IE-07-E01

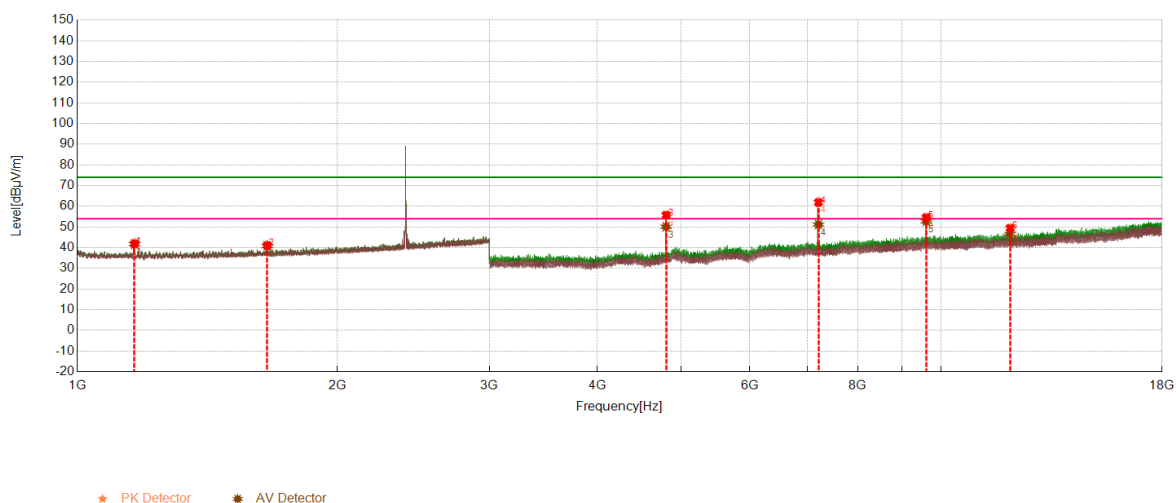
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Mode: 2M

Channel: 2402MHz

Test Graph



Final Data List

NO.	Frequency [MHz]	Factor [dB]	PK Reading [dBμV/m]	PK Value [dBμV/m]	PK Limit [dBμV/m]	PK Margin [dB]	AV Reading [dBμV/m]	AV Value [dBμV/m]	AV Limit [dBμV/m]	AV Margin [dB]	Height [cm]	Angle [°]	Polarity	Verdict
1	1165.2000	-0.19	42.06	41.87	74.00	32.13	41.86	41.67	54.00	12.33	150	100	Vertical	PASS
2	1659.4000	0.48	40.53	41.01	74.00	32.99	40.30	40.78	54.00	13.22	150	100	Vertical	PASS
3	4803.0000	-14.58	70.33	55.75	74.00	18.25	64.65	50.07	54.00	3.93	150	129	Vertical	PASS
4	7207.5216	-9.28	71.42	62.14	74.00	11.86	60.438	51.16	54.00	2.84	150	340.4	Vertical	PASS
5	9605.5000	-5.08	59.64	54.56	74.00	19.44	57.77	52.69	54.00	1.31	150	304	Vertical	PASS
6	12012.0000	-1.79	51.18	49.39	74.00	24.61	48.35	46.56	54.00	7.44	150	85	Vertical	PASS

Note:(1)Level=Reading+Factor

(2)Margin=Limit-Level

Test Report No.: EFGX26070286-IE-07-E01

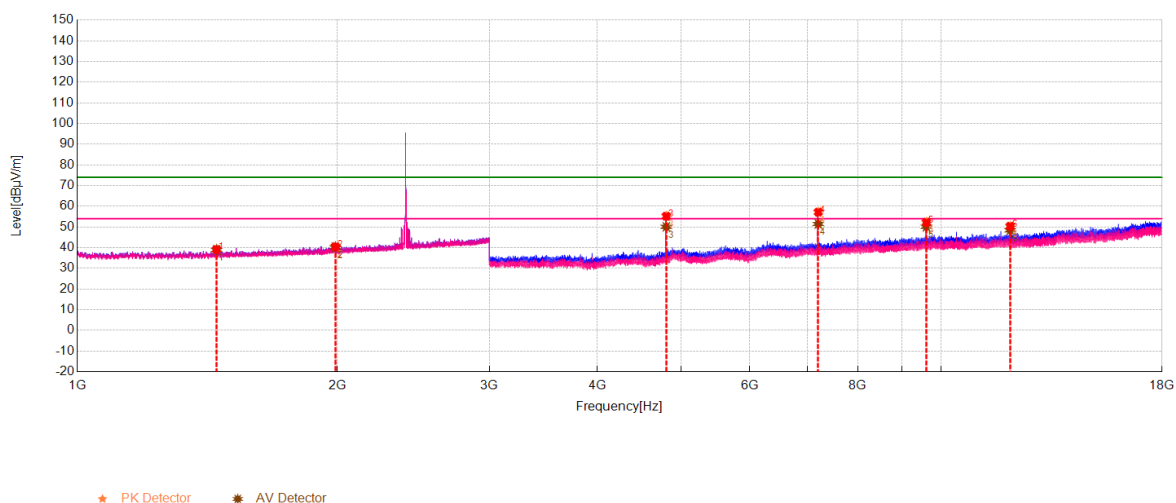
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Mode: 2M

Channel: 2402MHz

Test Graph



Final Data List

NO.	Frequency [MHz]	Factor [dB]	PK Reading [dBμV/m]	PK Value [dBμV/m]	PK Limit [dBμV/m]	PK Margin [dB]	AV Reading [dBμV/m]	AV Value [dBμV/m]	AV Limit [dBμV/m]	AV Margin [dB]	Height [cm]	Angle [°]	Polarity	Verdict
1	1449.6000	-0.08	39.17	39.09	74.00	34.91	38.96	38.88	54.00	15.12	150	276	Horizontal	PASS
2	1989.4000	1.84	38.62	40.46	74.00	33.54	38.22	40.06	54.00	13.94	150	338	Horizontal	PASS
3	4804.5000	-14.51	69.73	55.22	74.00	18.78	64.56	50.05	54.00	3.95	150	233	Horizontal	PASS
4	7204.0000	-9.56	66.75	57.19	74.00	16.81	60.98	51.42	54.00	2.58	150	270	Horizontal	PASS
5	9609.5000	-5.06	57.31	52.25	74.00	21.75	55.10	50.04	54.00	3.96	150	295	Horizontal	PASS
6	12012.0000	-1.79	52.16	50.37	74.00	23.63	50.15	48.36	54.00	5.64	150	302	Horizontal	PASS

Note: (1) Level = Reading + Factor

(2) Margin = Limit - Level

Test Report No.: EFGX26070286-IE-07-E01

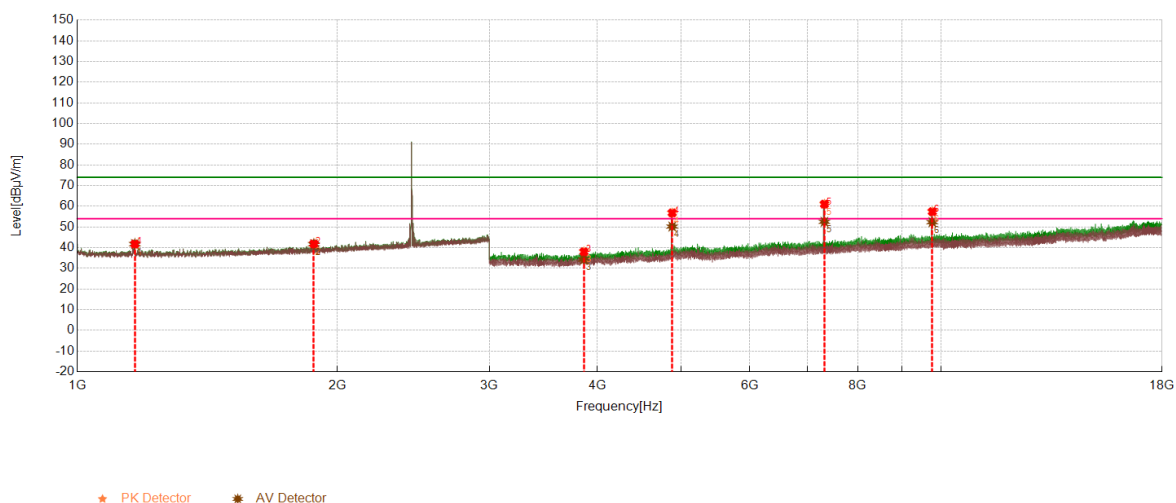
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Mode: 2M

Channel: 2440MHz

Test Graph



Final Data List

NO.	Frequency [MHz]	Factor [dB]	PK Reading [dBμV/m]	PK Value [dBμV/m]	PK Limit [dBμV/m]	PK Margin [dB]	AV Reading [dBμV/m]	AV Value [dBμV/m]	AV Limit [dBμV/m]	AV Margin [dB]	Height [cm]	Angle [°]	Polarity	Verdict
1	1166.0000	-0.17	41.91	41.74	74.00	32.26	41.85	41.68	54.00	12.32	150	82	Vertical	PASS
2	1878.4000	1.44	40.39	41.83	74.00	32.17	40.16	41.60	54.00	12.40	150	154	Vertical	PASS
3	3858.0000	-18.18	56.19	38.01	74.00	35.99	52.38	34.20	54.00	19.80	150	127	Vertical	PASS
4	4881.0000	-14.04	70.84	56.80	74.00	17.20	64.22	50.18	54.00	3.82	150	70	Vertical	PASS
5	7321.5000	-9.16	70.21	61.05	74.00	12.95	61.64	52.48	54.00	1.52	150	1	Vertical	PASS
6	9761.5000	-4.60	61.99	57.39	74.00	16.61	56.92	52.32	54.00	1.68	150	299	Vertical	PASS

Note:(1)Level=Reading+Factor

(2)Margin=Limit-Level

Test Report No.: EFGX26070286-IE-07-E01

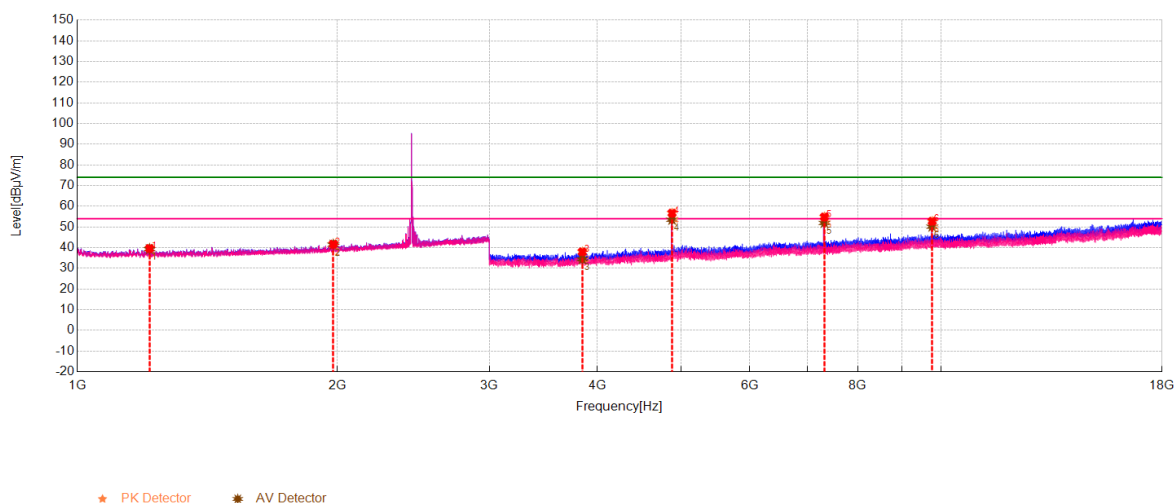
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Mode: 2M

Channel: 2440MHz

Test Graph



Final Data List

NO.	Frequency [MHz]	Factor [dB]	PK Reading [dBμV/m]	PK Value [dBμV/m]	PK Limit [dBμV/m]	PK Margin [dB]	AV Reading [dBμV/m]	AV Value [dBμV/m]	AV Limit [dBμV/m]	AV Margin [dB]	Height [cm]	Angle [°]	Polarity	Verdict
1	1212.6000	-0.29	39.88	39.59	74.00	34.41	39.52	39.23	54.00	14.77	150	322	Horizontal	PASS
2	1978.4000	1.79	39.87	41.66	74.00	32.34	39.60	41.39	54.00	12.61	150	360	Horizontal	PASS
3	3841.5000	-17.45	55.44	37.99	74.00	36.01	51.79	34.34	54.00	19.66	150	299	Horizontal	PASS
4	4879.0000	-14.10	70.8	56.70	74.00	17.30	67.54	53.44	54.00	0.56	150	344	Horizontal	PASS
5	7321.5000	-9.16	64	54.84	74.00	19.16	61.07	51.91	54.00	2.09	150	50	Horizontal	PASS
6	9758.0000	-4.60	57.35	52.75	74.00	21.25	54.71	50.11	54.00	3.89	150	261	Horizontal	PASS

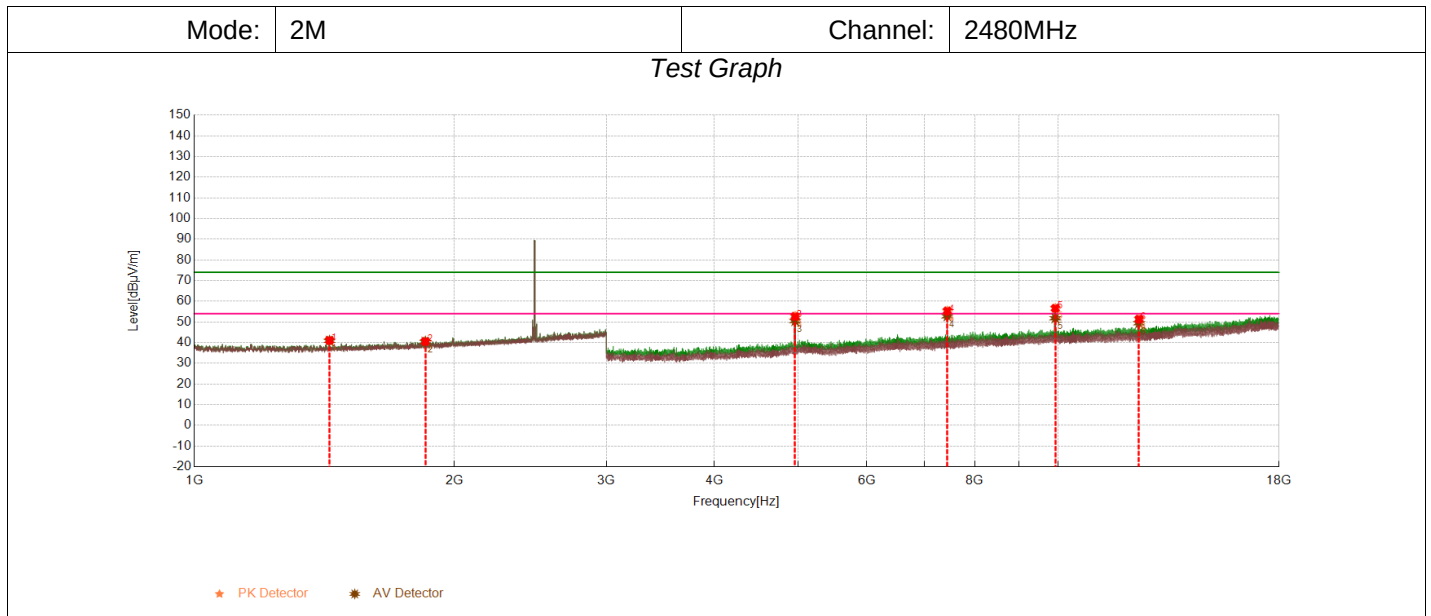
Note:(1)Level=Reading+Factor

(2)Margin=Limit-Level

Test Report No.: EFGX26070286-IE-07-E01

Eurofins Electrical Testing Service (Shenzhen) Co., Ltd.

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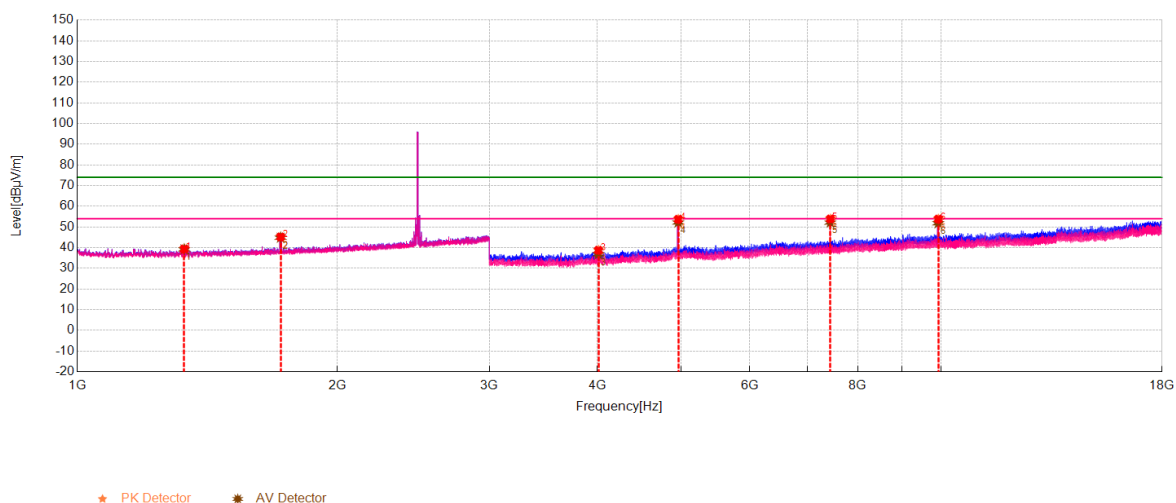
Final Data List														
NO.	Frequency [MHz]	Factor [dB]	PK Reading [dBμV/m]	PK Value [dBμV/m]	PK Limit [dBμV/m]	PK Margin [dB]	AV Reading [dBμV/m]	AV Value [dBμV/m]	AV Limit [dBμV/m]	AV Margin [dB]	Height [cm]	Angle [°]	Polarity	Verdict
1	1434.0000	-0.19	41.27	41.08	74.00	32.92	41.02	40.83	54.00	13.17	150	179	Vertical	PASS
2	1851.0000	1.28	39.32	40.60	74.00	33.40	39.10	40.38	54.00	13.62	150	76	Vertical	PASS
3	4959.0000	-14.74	67.46	52.72	74.00	21.28	65.16	50.42	54.00	3.58	150	258	Vertical	PASS
4	7438.5000	-8.97	64.3	55.33	74.00	18.67	61.70	52.73	54.00	1.27	150	349	Vertical	PASS
5	9918.0000	-4.30	60.91	56.61	74.00	17.39	56.08	51.78	54.00	2.22	150	295	Vertical	PASS
6	12397.5000	-1.45	52.84	51.39	74.00	22.61	50.80	49.35	54.00	4.65	150	48	Vertical	PASS

Note: (1) Level = Reading + Factor
 (2) Margin = Limit - Level

Mode: 2M

Channel: 2480MHz

Test Graph



Final Data List

NO.	Frequency [MHz]	Factor [dB]	PK Reading [dBμV/m]	PK Value [dBμV/m]	PK Limit [dBμV/m]	PK Margin [dB]	AV Reading [dBμV/m]	AV Value [dBμV/m]	AV Limit [dBμV/m]	AV Margin [dB]	Height [cm]	Angle [°]	Polarity	Verdict
1	1330.0000	-0.61	39.95	39.34	74.00	34.66	39.76	39.15	54.00	14.85	150	242	Horizontal	PASS
2	1719.4000	0.64	44.52	45.16	74.00	28.84	44.13	44.77	54.00	9.23	150	186	Horizontal	PASS
3	4009.5000	-17.74	56.5	38.76	74.00	35.24	54.48	36.74	54.00	17.26	150	210	Horizontal	PASS
4	4960.0000	-14.84	68.56	53.72	74.00	20.28	66.97	52.13	54.00	1.87	150	21	Horizontal	PASS
5	7438.5000	-8.97	62.84	53.87	74.00	20.13	61.06	52.09	54.00	1.91	150	299	Horizontal	PASS
6	9917.5000	-4.31	58.11	53.80	74.00	20.20	56.07	51.76	54.00	2.24	150	293	Horizontal	PASS

Note:(1)Level=Reading+Factor

(2)Margin=Limit-Level

Test Report No.: EFGX26070286-IE-07-E01

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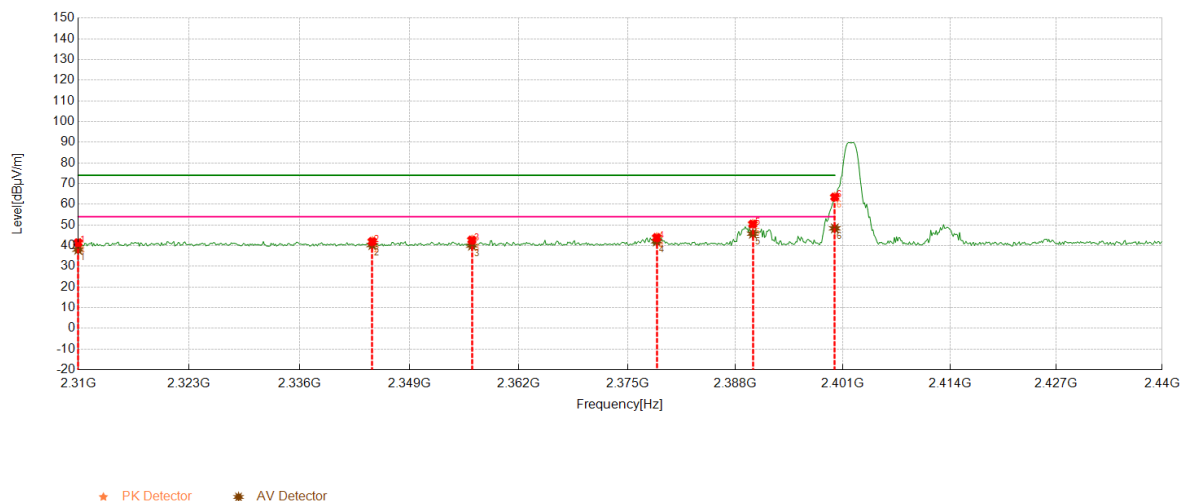
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Band-edge (Radiated)

Mode: 1M

Channel: 2402MHz

Test Graph



Final Data List

No.	Frequency [MHz]	Factor [dB]	PK Reading [dBμV/m]	PK Level [dBμV/m]	PK Limit [dBμV/m]	PK Margin [dB]	AV Reading [dBμV/m]	AV Level [dBμV/m]	AV Limit [dBμV/m]	AV Margin [dB]	Height [cm]	Angle [°]	Polarity	Verdict
1	2310.0000	2.67	38.76	41.43	74.00	32.57	35.36	38.03	54.00	15.97	150	70	Vertical	PASS
2	2344.5800	2.97	39.07	42.04	74.00	31.96	37.31	40.28	54.00	13.72	150	317	Vertical	PASS
3	2356.4100	2.96	39.75	42.71	74.00	31.29	37.05	40.01	54.00	13.99	150	222	Vertical	PASS
4	2378.5100	3.07	40.86	43.93	74.00	30.07	38.96	42.03	54.00	11.97	150	42	Vertical	PASS
5	2390.0800	2.95	47.48	50.43	74.00	23.57	42.80	45.75	54.00	8.25	150	8	Vertical	PASS
6	2400.0000	3.24	60.26	63.50	74.00	10.50	45.10	48.34	54.00	5.66	150	343	Vertical	PASS

Note:(1)Level=Reading+Factor

(2)Margin=Limit-Level

Test Report No.: EFGX26070286-IE-07-E01

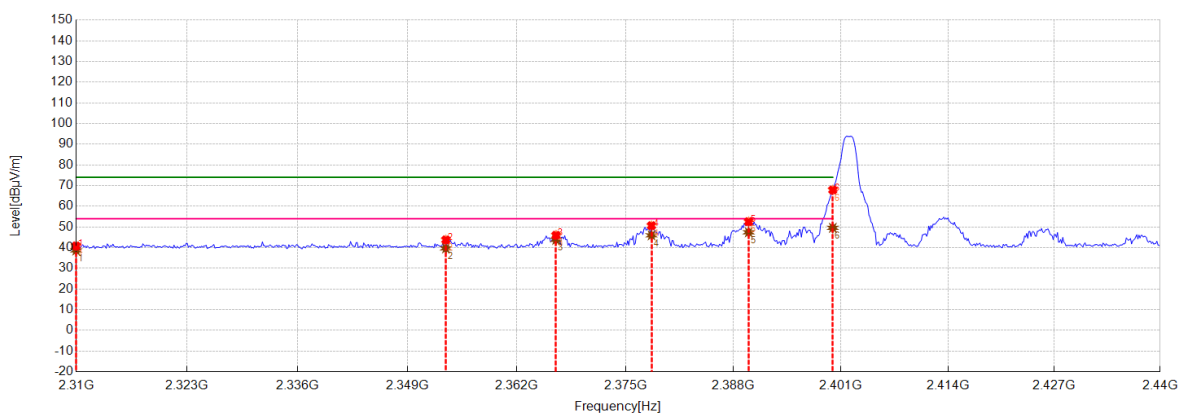
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Mode: 1M

Channel: 2402MHz

Test Graph



★ PK Detector ★ AV Detector

Final Data List

No.	Frequency [MHz]	Factor [dB]	PK Reading [dBμV/m]	PK Level [dBμV/m]	PK Limit [dBμV/m]	PK Margin [dB]	AV Reading [dBμV/m]	AV Level [dBμV/m]	AV Limit [dBμV/m]	AV Margin [dB]	Height [cm]	Angle [°]	Polarity	Verdict
1	2310.0000	2.67	38.16	40.83	74.00	33.17	35.95	38.62	54.00	15.38	150	221	Horizontal	PASS
2	2353.5500	2.96	40.81	43.77	74.00	30.23	36.66	39.62	54.00	14.38	150	35	Horizontal	PASS
3	2366.6800	2.99	43.01	46.00	74.00	28.00	40.77	43.76	54.00	10.24	150	168	Horizontal	PASS
4	2378.1200	3.08	47.55	50.63	74.00	23.37	42.86	45.94	54.00	8.06	150	67	Horizontal	PASS
5	2389.8200	2.95	49.6	52.55	74.00	21.45	44.46	47.41	54.00	6.59	150	67	Horizontal	PASS
6	2400.0000	3.24	64.64	67.88	74.00	6.12	46.32	49.56	54.00	4.44	150	67	Horizontal	PASS

Note:(1)Level=Reading+Factor

(2)Margin=Limit-Level

Test Report No.: EFGX26070286-IE-07-E01

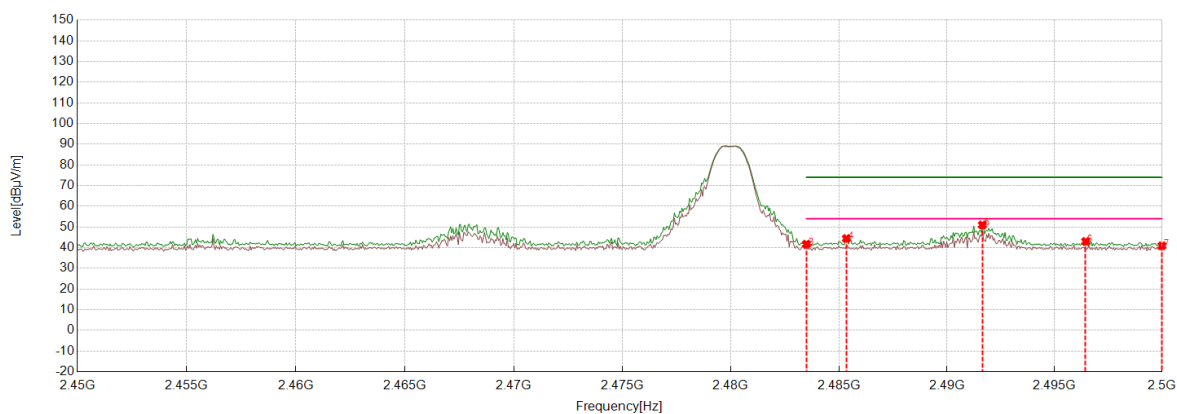
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Mode: 1M

Channel: 2480MHz

Test Graph



★ PK Detector ★ AV Detector

Suspected Data List

NO.	Frequency [MHz]	Reading [dBμV/m]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Det	Polarity	Verdict
1	2310.0000	38.23	41.43	3.20	74.00	32.57	150	306	PK	Vertical	PASS
2	2390.0000	38.23	41.43	3.20	74.00	32.57	150	306	PK	Vertical	PASS
3	2483.5000	38.22	41.68	3.46	74.00	32.32	150	176	PK	Vertical	PASS
4	2485.3500	40.89	44.41	3.52	74.00	29.59	150	44	PK	Vertical	PASS
5	2491.6500	47.41	50.97	3.56	74.00	23.03	150	41	PK	Vertical	PASS
6	2496.4500	39.41	42.98	3.57	74.00	31.02	150	78	PK	Vertical	PASS
7	2500.0000	37.39	40.89	3.50	74.00	33.11	150	69	PK	Vertical	PASS

Note:(1)Level=Reading+Factor

(2)Margin=Limit-Level

Test Report No.: EFGX26070286-IE-07-E01

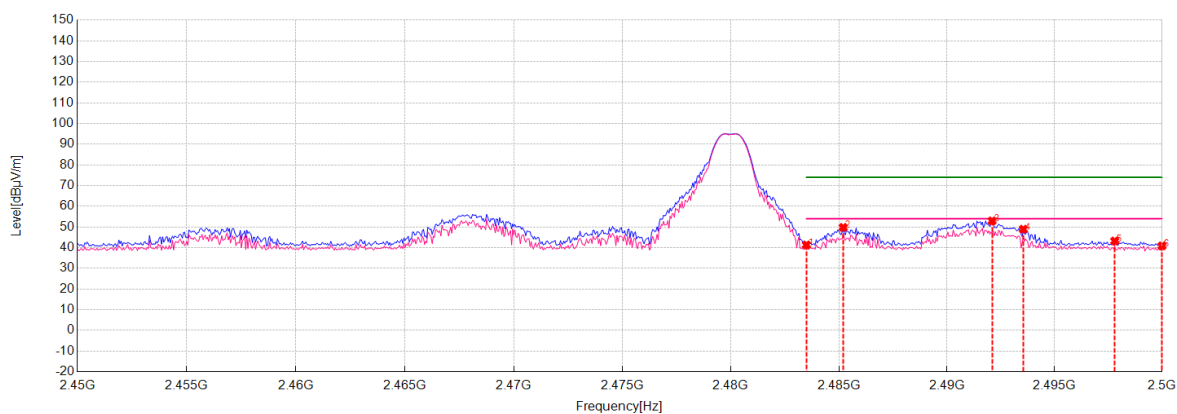
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Room 20 of 2/F., 1/F., Building 2, Spring Block & Room 102, Building 8, Autumn Block, Meishenghuigu Innovation Park, No.83, Dabao Road, Bao'an District, Shenzhen, Guangdong, China Telephone: +86-755-82911867, Fax : +86-755-82910749

Mode: 1M

Channel: 2480MHz

Test Graph



★ PK Detector ★ AV Detector

Suspected Data List

NO.	Frequency [MHz]	Reading [dBμV/m]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Det	Polarity	Verdict
1	2483.5000	37.84	41.30	3.46	74.00	32.70	150	149	PK	Horizontal	PASS
2	2485.2000	46.23	49.76	3.53	74.00	24.24	150	70	PK	Horizontal	PASS
3	2492.1000	49.37	52.93	3.56	74.00	21.07	150	70	PK	Horizontal	PASS
4	2493.5500	45.33	48.92	3.59	74.00	25.08	150	64	PK	Horizontal	PASS
5	2497.8000	39.61	43.19	3.58	74.00	30.81	150	139	PK	Horizontal	PASS
6	2500.0000	37.33	40.83	3.50	74.00	33.17	150	260	PK	Horizontal	PASS

Note:(1)Level=Reading+Factor

(2)Margin=Limit-Level

Test Report No.: EFGX26070286-IE-07-E01

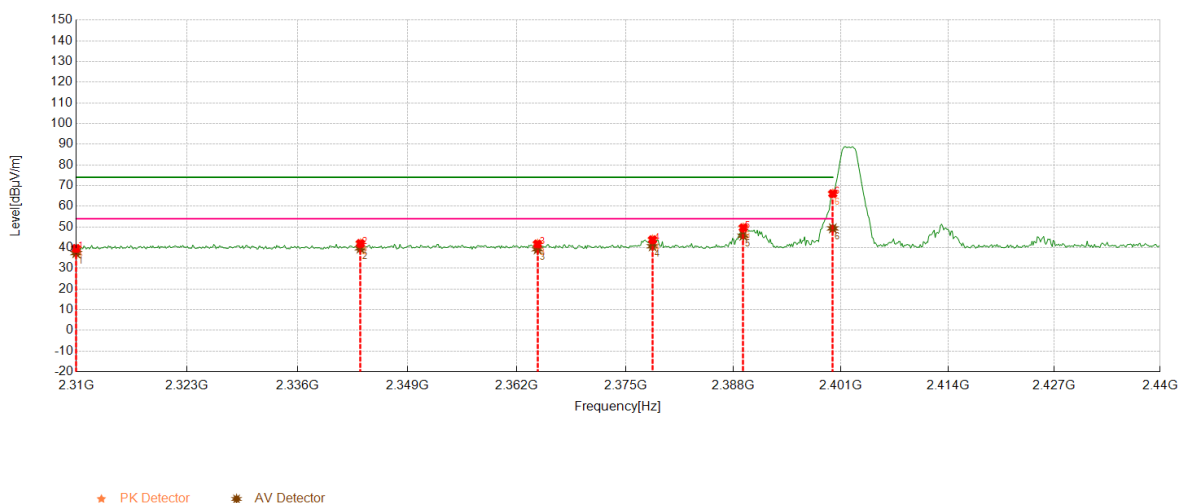
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Mode: 2M

Channel: 2402MHz

Test Graph



Final Data List

No.	Frequency [MHz]	Factor [dB]	PK Reading [dBμV/m]	PK Level [dBμV/m]	PK Limit [dBμV/m]	PK Margin [dB]	AV Reading [dBμV/m]	AV Level [dBμV/m]	AV Limit [dBμV/m]	AV Margin [dB]	Height [cm]	Angle [°]	Polarity	Verdict
1	2310.0000	2.67	36.93	39.60	74.00	34.40	34.64	37.31	54.00	16.69	150	18	Vertical	PASS
2	2343.4100	2.93	39.1	42.03	74.00	31.97	36.64	39.57	54.00	14.43	150	233	Vertical	PASS
3	2364.4700	2.97	38.8	41.77	74.00	32.23	36.19	39.16	54.00	14.84	150	178	Vertical	PASS
4	2378.2500	3.07	40.77	43.84	74.00	30.16	37.57	40.64	54.00	13.36	150	286	Vertical	PASS
5	2389.1700	2.95	46.65	49.60	74.00	24.40	42.80	45.75	54.00	8.25	150	30	Vertical	PASS
6	2400.0000	3.24	62.84	66.08	74.00	7.92	46.06	49.30	54.00	4.70	150	221	Vertical	PASS

Note:(1)Level=Reading+Factor

(2)Margin=Limit-Level

Test Report No.: EFGX26070286-IE-07-E01

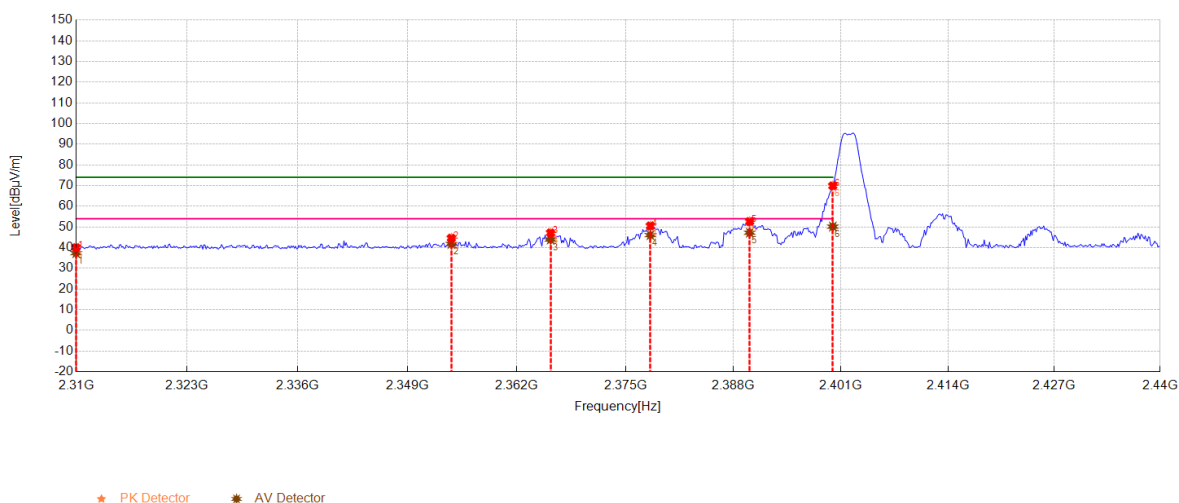
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Mode: 2M

Channel: 2402MHz

Test Graph



Final Data List

No.	Frequency [MHz]	Factor [dB]	PK Reading [dBμV/m]	PK Level [dBμV/m]	PK Limit [dBμV/m]	PK Margin [dB]	AV Reading [dBμV/m]	AV Level [dBμV/m]	AV Limit [dBμV/m]	AV Margin [dB]	Height [cm]	Angle [°]	Polarity	Verdict
1	2310.0000	2.67	37.32	39.99	74.00	34.01	34.64	37.31	54.00	16.69	150	21	Horizontal	PASS
2	2354.2000	2.97	41.62	44.59	74.00	29.41	38.82	41.79	54.00	12.21	150	162	Horizontal	PASS
3	2366.0300	3.00	44.13	47.13	74.00	26.87	40.89	43.89	54.00	10.11	150	48	Horizontal	PASS
4	2377.9900	3.08	47.45	50.53	74.00	23.47	42.96	46.04	54.00	7.96	150	48	Horizontal	PASS
5	2389.9500	2.95	49.68	52.63	74.00	21.37	44.24	47.19	54.00	6.81	150	40	Horizontal	PASS
6	2400.0000	3.24	66.67	69.91	74.00	4.09	46.91	50.15	54.00	3.85	150	46	Horizontal	PASS

Note:(1)Level=Reading+Factor

(2)Margin=Limit-Level

Test Report No.: EFGX26070286-IE-07-E01

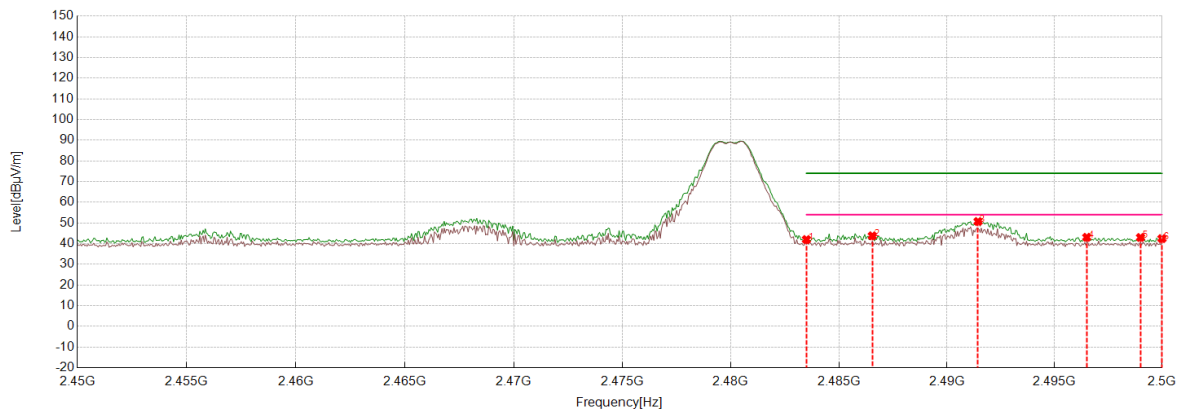
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Mode: 2M

Channel: 2480MHz

Test Graph



★ PK Detector ★ AV Detector

Suspected Data List

NO.	Frequency [MHz]	Reading [dBμV/m]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Det	Polarity	Verdict
1	2483.5000	38.51	41.97	3.46	74.00	32.03	150	38	PK	Vertical	PASS
2	2486.5500	40.27	43.78	3.51	74.00	30.22	150	34	PK	Vertical	PASS
3	2491.4500	47.15	50.70	3.55	74.00	23.30	150	38	PK	Vertical	PASS
4	2496.5000	39.48	43.05	3.57	74.00	30.95	150	267	PK	Vertical	PASS
5	2499.0000	39.46	42.96	3.50	74.00	31.04	150	287	PK	Vertical	PASS
6	2500.0000	38.92	42.42	3.50	74.00	31.58	150	127	PK	Vertical	PASS

Note:(1)Level=Reading+Factor

(2)Margin=Limit-Level

Test Report No.: EFGX26070286-IE-07-E01

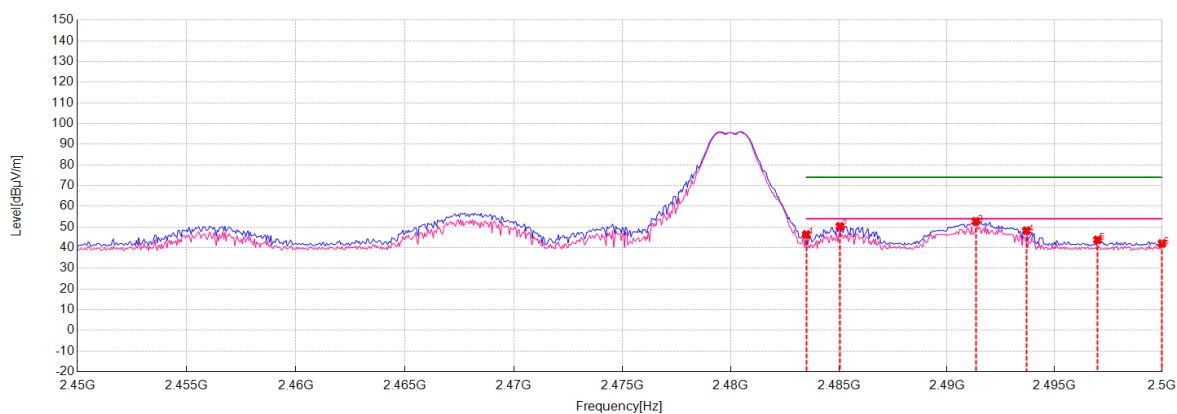
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Mode: 2M

Channel: 2480MHz

Test Graph



★ PK Detector ★ AV Detector

Suspected Data List

NO.	Frequency [MHz]	Reading [dBμV/m]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Det	Polarity	Verdict
1	2483.5000	42.90	46.36	3.46	74.00	27.64	150	167	PK	Horizontal	PASS
2	2485.0500	46.73	50.27	3.54	74.00	23.73	150	49	PK	Horizontal	PASS
3	2491.3500	49.14	52.69	3.55	74.00	21.31	150	59	PK	Horizontal	PASS
4	2493.7000	44.58	48.17	3.59	74.00	25.83	150	59	PK	Horizontal	PASS
5	2497.0000	40.16	43.75	3.59	74.00	30.25	150	5	PK	Horizontal	PASS
6	2500.0000	38.48	41.98	3.50	74.00	32.02	150	198	PK	Horizontal	PASS

Note:(1)Level=Reading+Factor

(2)Margin=Limit-Level

Test Report No.: EFGX26070286-IE-07-E01

Eurofins Electrical Testing Service (Shenzhen) Co., Ltd.

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Field strength of fundamental

PK Data List										
NO.	Model	Freq. [MHz]	Reading [dB μ V/m]	Level [dB μ V/m]	Factor [dB/m]	Limit [dB μ V/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1M	2402	90.66	93.87	3.21	114.00	20.13	150	41	Horizontal
2	1M	2402	86.60	89.82	3.22	114.00	24.18	150	43	Vertical
3	1M	2440	89.68	93.15	3.47	114.00	20.85	150	44	Horizontal
4	1M	2440	85.13	88.59	3.46	114.00	25.41	150	42	Vertical
5	1M	2480	89.50	93.01	3.51	114.00	20.99	150	65	Horizontal
6	1M	2480	85.74	89.25	3.51	114.00	24.75	150	44	Vertical
7	2M	2402	90.12	93.34	3.22	114.00	20.66	150	52	Horizontal
8	2M	2402	85.84	89.06	3.22	114.00	24.94	150	28	Vertical
9	2M	2440	89.88	93.36	3.48	114.00	20.64	150	50	Horizontal
10	2M	2440	87.64	91.12	3.48	114.00	22.88	150	38	Vertical
11	2M	2480	89.56	93.06	3.50	114.00	20.94	150	53	Horizontal
12	2M	2480	86.04	89.54	3.50	114.00	24.46	150	38	Vertical

-END OF REPORT-