



시험 성적서

TEST REPORT

페이지(page) : (1) / 총(Total) (32)

성적서 번호 Report No.		ICRT-TR-E261774-0A	
신청자 Client	기관명 Name	LG Electronics Inc.	
	주 소 Address	Address 1(FCC) : 222 LG-ro, Jinwi-myeon, Pyeongtaek-si, gyeonggi-do. Korea Address 2(IC) : 170, Seogsasn Pachong-ro, Seongsan-gu, Changwon-si, Gyeongsangnam-do, Korea	
시험대상품목 Sample description		LG Home Pair	
모델명 Type description		CZTAH5BCUA	
정 격 Ratings		DC 5 V	
시험장소 Place of test		☒ 고정시험실(Permanent Testing Lab) ☐ 현장시험(On Site Testing) 주소지(Address): 112, 113 Hwanggeum 3-ro 7beon-gil, Hagun-ri, Yangchon-eup, Gimpo-si, Gyeonggi-do, Korea	
시험기간 Date of test		01. Apr. 2026 ~ 09. Jun. 2026	
시험방법/항목 Test Method/Item		FCC Part 15 Subpart C & IC RSS-Gen & RSS-247	
시험결과 Test Results		Refer to 3. Test Summary	
확 인 Affirmation	작성자 Tested by	기술책임자 Technical Manager	
	성명 Name	Seong-Hun, Jeong	성명 Name
		(Signature)	(Signature)
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2026. 06. 10 주식회사 아이씨알 대표이사 The head of INTERNATIONAL CERTIFICATION REGISTRAR			



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경기도 김포시 양촌읍 황금3로7번길 112 / Tel: 02-6351-9001 ~ 6

112, Hwanggeum3-ro 7beon-gil, Yangchon-eup, Gimpo-si, Gyeonggi-do, Korea / Tel: 02-6351-9001 ~ 6



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Revision History

Issued Report No.	Issued Date	Revisions	Effect Section
ICRT-TR-E261774-0A	2026. 06. 10	Initial Issue	All



1. Applicant & Manufacturer & Test Laboratory Information

1.1 Applicant information

Applicant	LG Electronics Inc.
Address	Address 1(FCC) : 222 LG-ro, Jinwi-myeon, Pyeongtaek-si, gyeonggi-do. Korea Address 2(IC) :170, Seogsasn Pachong-ro, Seongsan-gu, Changwon-si, Gyeongsangnam-do, Korea

1.2 Manufacturer Information

Applicant	EM-TECH
Address	Address 1(FCC) :No.12, Road 2, VSIP Nghe An Industrial Park, Hung Tay Commune, Hune Nguyen District, Nghe An Province, Vietnam Address 2(IC) :40, Changwon-daero 1144beon-gil, Seongsan-gu Changwon-si, Gyeongsangnam-do 51539 Korea(Republic Of)

1.3 Test Laboratory Information

Laboratory	ICR Co., Ltd.
Address	112, Hwanggeum 3-ro 7beon-gil, Hagun-ri, Yangchon-eup, Gimpo-si, Gyeonggi-do, Korea
Telephone No.	+82-2-6351-9002
Fax No.	+82-2-6351-9007
KOLAS No.	KT652
KC & FCC	KR0165

1.4 Measurement Uncertainty

Parameter	Uncertainty	Limit
Occupied Channel Bandwidth	0.14 %	±5 %
RF output power, conducted	0.85 dB	±1.5 dB
Power Spectral Density, conducted	1.44 dB	±3 dB
Unwanted Emissions, conducted	1.35 dB	±3 dB
Supply voltages	0.02 %	±3 %
Time	0.58 %	±5 %
All emissions, radiated (Under the 30 MHz)	2.10 dB	±6 dB
All emissions, radiated (Range 30 MHz ~ 1 GHz)	1.95 dB	±6 dB
All emissions, radiated (Range 1 GHz ~ 18 GHz)	2.47 dB	±6 dB
All emissions, radiated (Range 18 GHz ~ 26.5 GHz)	2.61 dB	±6 dB



2. Equipment under Test(EUT) Information

2.1 General Information

Product Name	LG Home Pair
Model Name	CZTAH5BCUA
Additional Model Name	-
FCC ID	2BO3L-CZTAH5BCUA
ISED Certification Number	2703N-CZTAH5BCUA
Power Supply	DC 5 V
Serial Number	N/A

2.2 Additional Information

Equipment Class	DTS-Digital Transmission System	
Device Type	Stand-alone	
Operating Frequency	802.15.4(Zigbee)	2 405 MHz ~ 2 480 MHz
RF Output Power	802.15.4(Zigbee)	9.55 dBm
Number of Channel	802.15.4(Zigbee)	16
Modulation Type	802.15.4(Zigbee)	DSSS
Antenna Type	PCB Antenna	
Antenna Gain	-1.7 dBi	

2.3 Modifications of EUT

- None



3. Test Summary

3.1 Test standards and results

FCC Part 15 Subpart C & IC RSS-Gen & RSS-247				
FCC Part Section	RSS Section	Test items	Applied	Results
§15.247 (a) (2)	RSS-Gen 6.7 & RSS-247 6.3.1(a)	6 dB Bandwidth	■	PASS
N/A	RSS-Gen 6.7	99 % Bandwidth	■	PASS
§15.247 (b) (3)	RSS-Gen 6.12 & RSS-247 6.3.2	Maximum Conducted Output Power	■	PASS
§15.247 (e)	RSS-247 6.3.1(b)	Power Spectral Density	■	PASS
§15.247 (d)	RSS-247 6.6	Conducted Spurious Emission & Band edge	■	PASS
§15.247 (d) & §15.209 & §15.205	RSS-Gen 8.9 & RSS-Gen 8.10 & RSS-247 6.6	Radiated Spurious Emission	■	PASS
§15.207	RSS-Gen 8.8	AC Line Conducted Emission	■	PASS

3.2 Purpose of the test

- To determine whether the equipment under test fulfills the requirements of the standards stated in FCC Part 15 Subpart C Section 15.247 and IC RSS-Gen & RSS-247

3.3 Test Methodology

- Both conducted and radiated testing was performed according to the procedures in ANSI C63.10-2020 and IC RSS-Gen & RSS-247. Radiated testing was performed at a distance of 3 m from EUT to the antenna.

3.4 Configuration of Test System

3.4.1 Radiated emission test

- Preliminary radiated emissions test were conducted using the procedure in ANSI C63.10-2020 to determine the worse operating conditions. Final radiated emission tests were conducted at 3 m Semi Anechoic Chamber.

The turntable was rotated through 360 degrees and the EUT was tested by positioned three orthogonal planes to obtain the highest reading on the field strength meter. Once maximum reading was determined, the search antenna was raised and lowered in both vertical and horizontal polarization



3.5 Antenna requirement

- According to §15.203, an intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device.

The use of a permanently attached antenna or of an antenna that uses a unique coupling to the intentional radiator shall be considered sufficient to comply with the provisions of this Section.

The manufacturer may design the unit so that a broken antenna can be replaced by the user, but the use of a standard antenna jack or electrical connector is prohibited.

And according to §15.247(b)(4), the conducted output power limit specified in paragraph (b) of this section is based on the use of antennas with directional gains that do not exceed 6 dBi.

Except as shown in paragraph (c) of this section, if transmitting antennas of directional gain greater than 6 dBi are used, the conducted output power from the intentional radiator shall be reduced below the stated values in paragraphs (b)(1), (b)(2), and (b)(3) of this section, as appropriate, by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

- According to RSS-Gen Section 6.8, The applicant for equipment certification shall provide a list of all antenna types that may be used with the transmitter, where applicable (i.e. for transmitters with detachable antenna), indicating the maximum permissible antenna gain (in dBi) and the required impedance for each antenna. The test report shall demonstrate the compliance of the transmitter with the limit for maximum equivalent isotropically radiated power (e.i.r.p.) specified in the applicable RSS, when the transmitter is equipped with any antenna type, selected from this list.

Result: Pass

The transmitter uses an PCB antenna with a gain of -1.7 dBi.

This antenna is printed on a PCB circuit, making it impossible for users to access or modify it arbitrarily and No provision is provided for the connection of an external antenna. Therefore, the antenna complies with the requirements of FCC §15.203.



4. Test Result

4.1. 6 dB Bandwidth & 99 % Bandwidth

4.1.1 Test procedure

ANSI C63.10-2020 Clause 11.8

RSS Gen 6.7

4.1.2 Limit

§15.247 (a) (2)

Systems using digital modulation techniques may operate in the 902–928 MHz, 2400–2483.5 MHz, and 5725–5850 MHz bands. The minimum 6 dB bandwidth shall be at least 500 kHz.

RSS-247 6.3.1(a)

The minimum 6 dB bandwidth shall be 500 kHz.

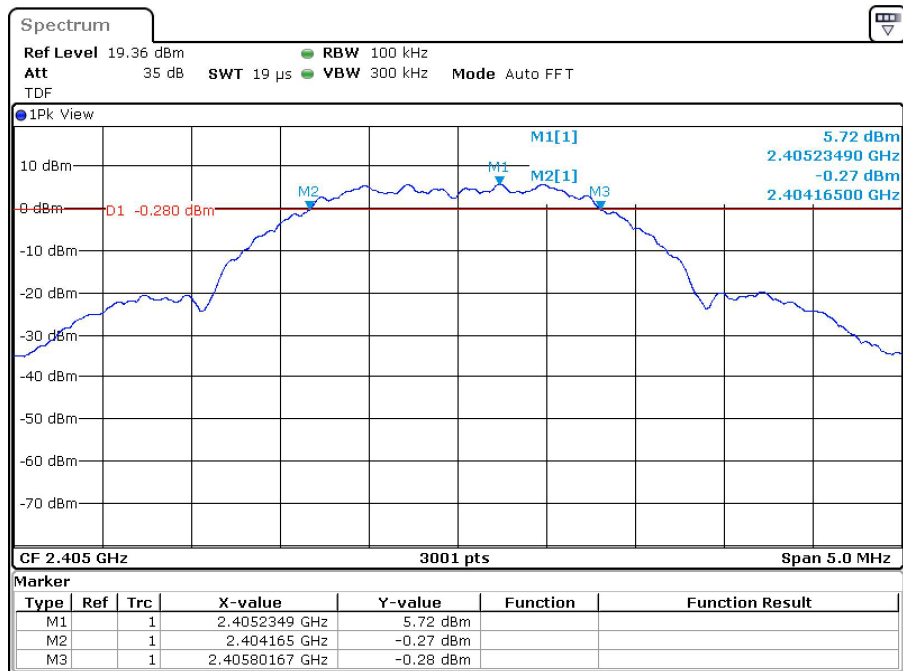
4.1.3 Test data

Result : Pass

Mode	Frequency (MHz)	6 dB Bandwidth Measured Value (kHz)	99% Bandwidth Measured Value (kHz)	Limit (kHz)
802.15.4 (Zigbee)	2 405	1636.7	2232.8	at least 500
	2 440	1638.3	2232.8	
	2 480	1643.3	2242.8	

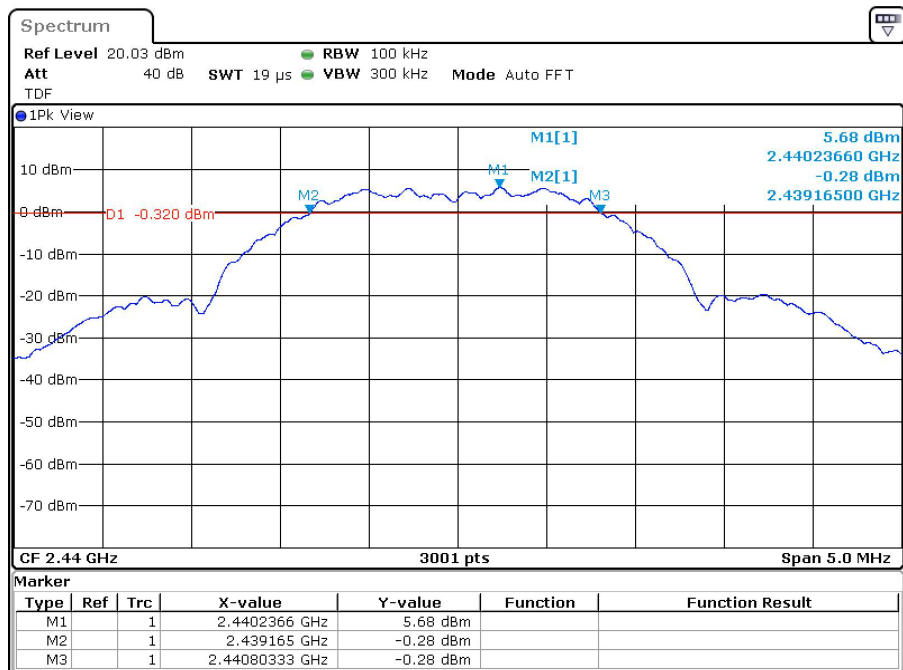


Low ch_6 dB Bandwidth



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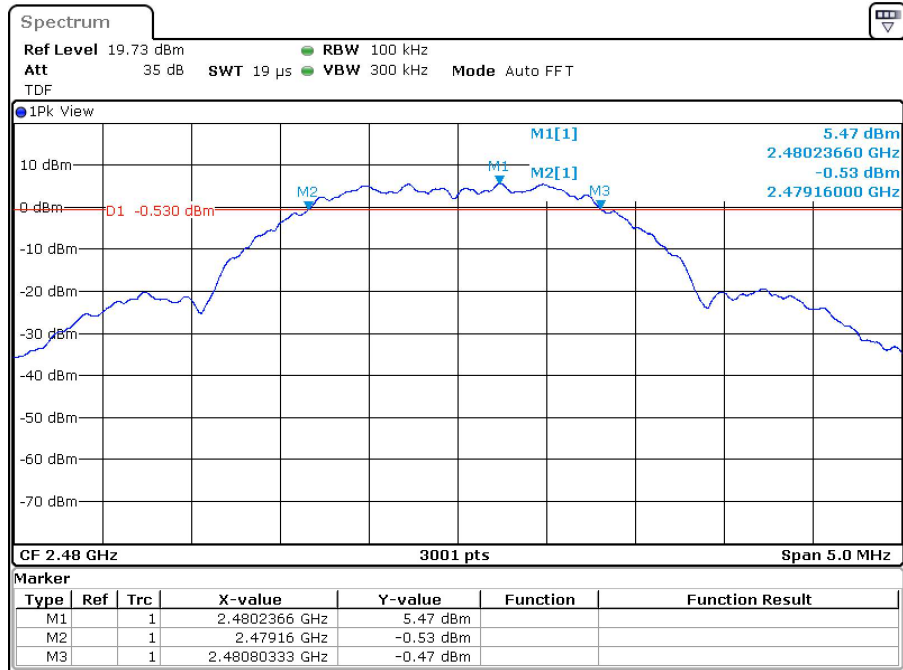
Mid ch_6 dB Bandwidth



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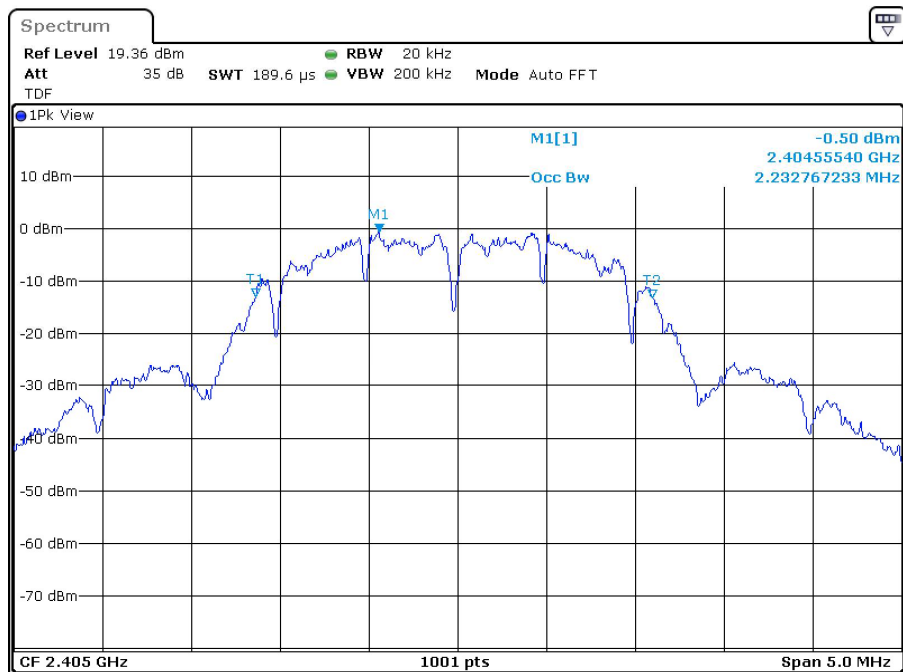


High ch_6 dB Bandwidth



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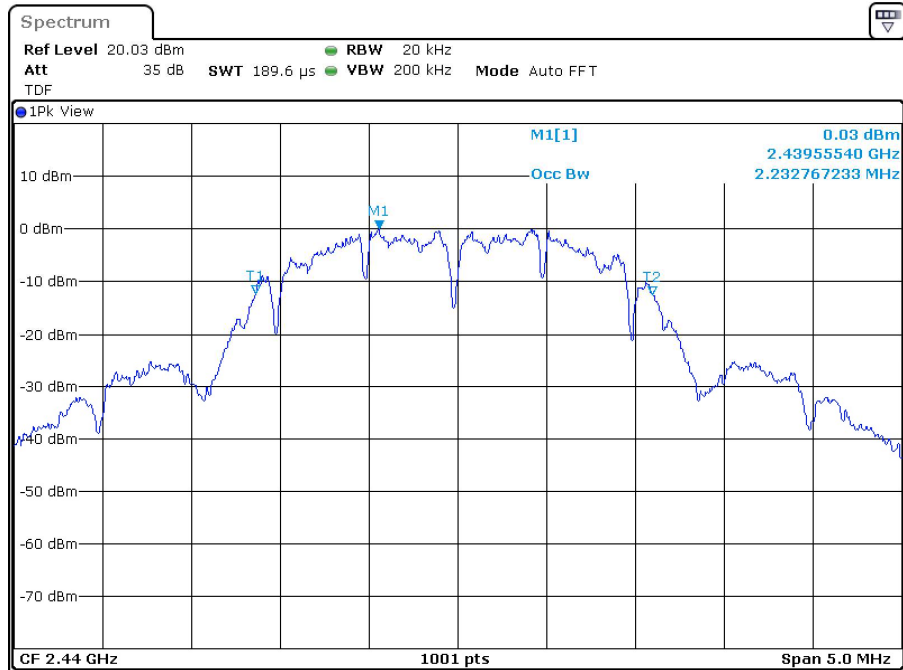
Low ch_99% Bandwidth



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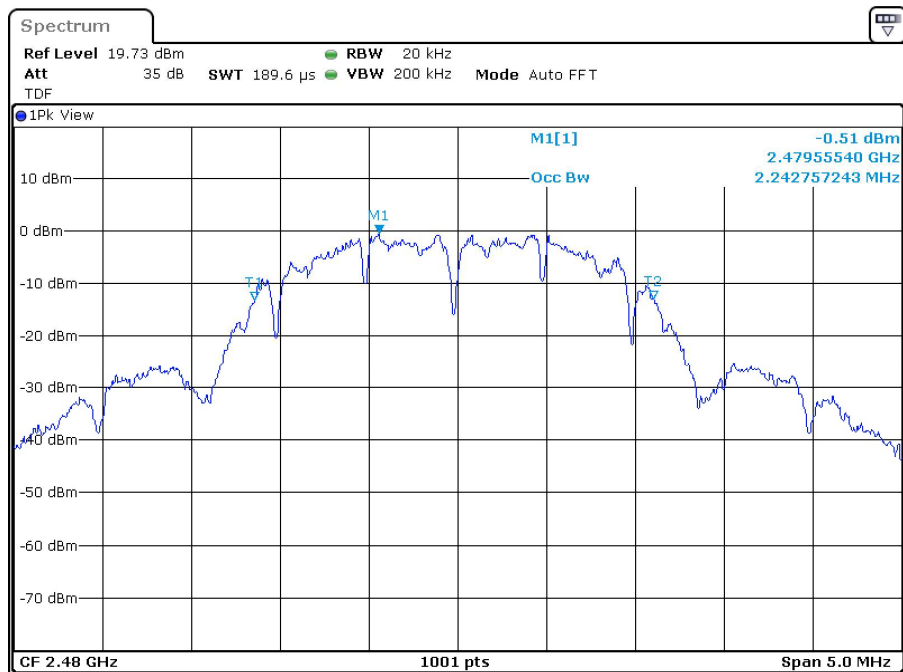


Mid ch_99% Bandwidth



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High ch_99% Bandwidth



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4.2 Maximum Conducted Output Power

4.2.1 Test procedure

ANSI C63.10-2020 Clause 11.9

RSS-Gen 6.12

4.2.2 Limit

§15.247 (b) (3)

For systems using digital modulation in the 902–928 MHz, 2400–2483.5 MHz, and 5725–5850 MHz bands: 1 Watt. As an alternative to a peak power measurement, compliance with the one Watt limit can be based on a measurement of the maximum conducted output power. Maximum Conducted Output Power is defined as the total transmit power delivered to all antennas and antenna elements averaged across all symbols in the signaling alphabet when the transmitter is operating at its maximum power control level. Power must be summed across all antennas and antenna elements. The average must not include any time intervals during which the transmitter is off or is transmitting at a reduced power level. If multiple modes of operation are possible (e.g., alternative modulation methods), the maximum conducted output power is the highest total transmit power occurring in any mode.

RSS-247 6.3.2

For DTS operating in the band 902-928 MHz, the maximum peak conducted output power shall not exceed 1W, and the e.i.r.p. shall not exceed 4 W.

For DTS operating in the band 2400-2483.5 MHz, the maximum peak conducted output power shall not exceed 1W, and the e.i.r.p. shall not exceed 4 W, except as provided in section 6.5 a) and b).

As an alternative to a peak power measurement, compliance can be based on a measurement of the maximum conducted output power.

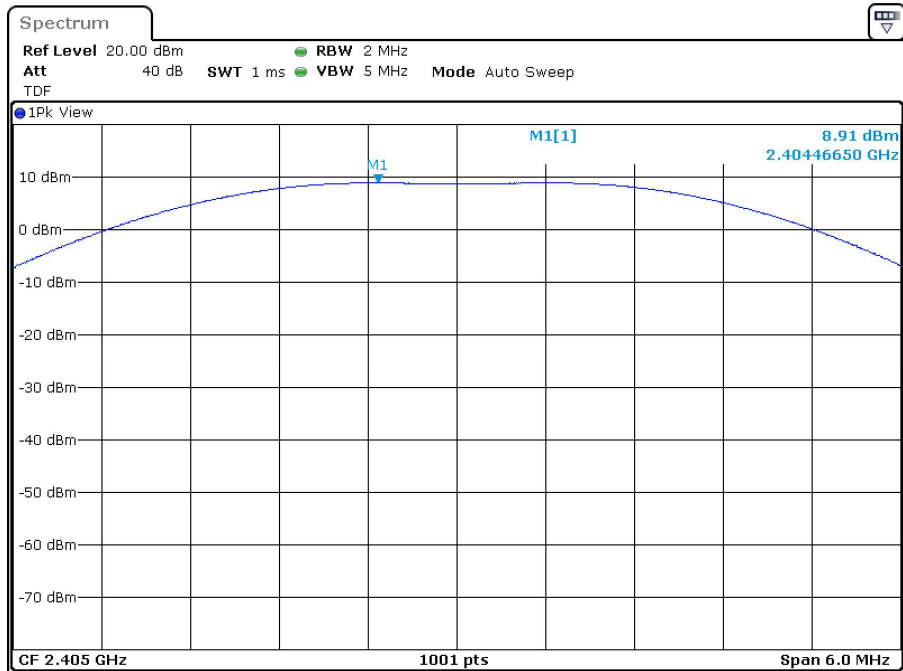
4.2.3 Test data

Result : Pass

Mode	Frequency (MHz)	Measured Value (dBm)	Limit (dBm)
802.15.4 (Zigbee)	2 405	8.91	30
	2 440	9.55	
	2 480	9.22	

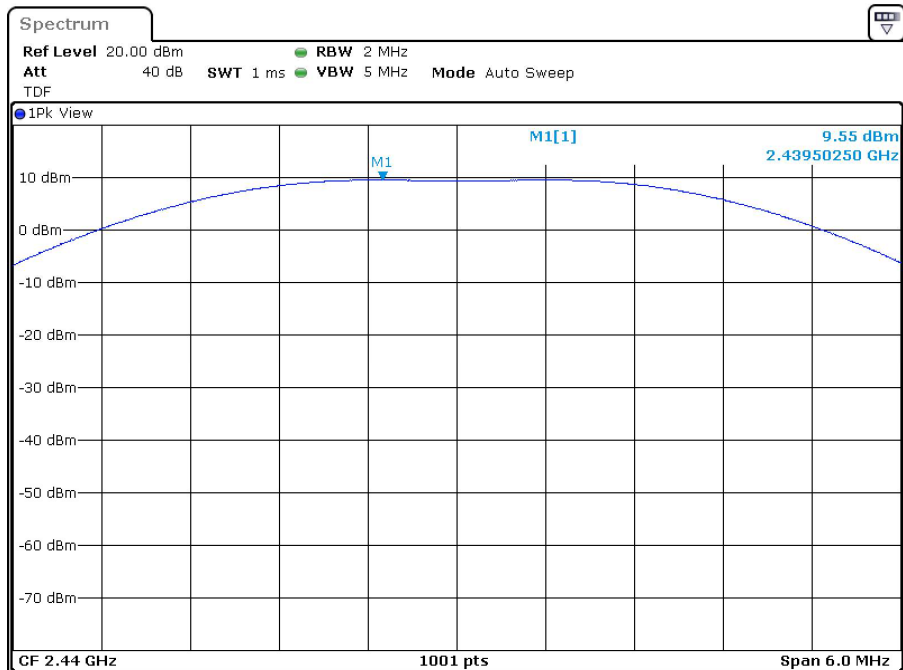


Low ch_Conducted Output Power

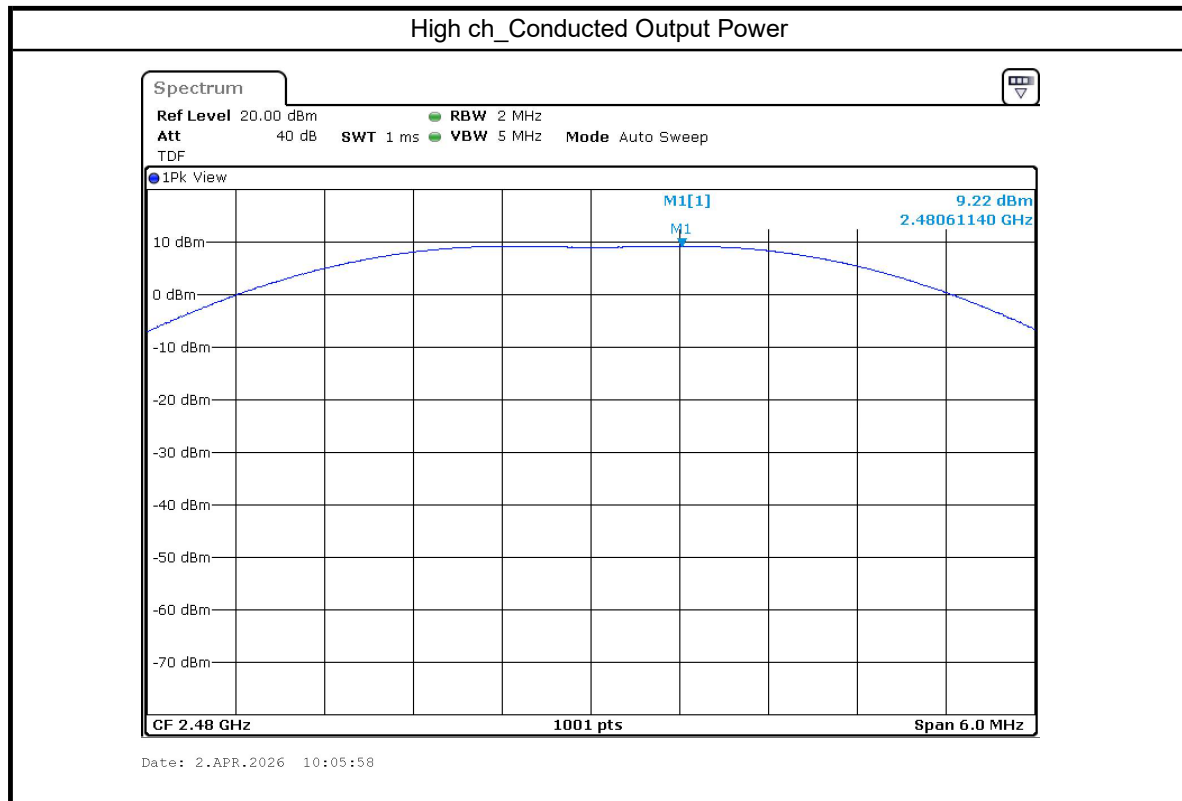


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Mid ch_Conducted Output Power



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4.3 Power Spectral Density

4.3.1 Test procedure

ANSI C63.10-2020 Clause 11.10

4.3.2 Limit

§15.247 (e)

For digitally modulated systems, the power spectral density conducted from the intentional radiator to the antenna shall not be greater than 8 dBm in any 3 kHz band during any time interval of continuous transmission. This power spectral density shall be determined in accordance with the provisions of paragraph (b) of this section. The same method of determining the conducted output power shall be used to determine the power spectral density.

RSS-247 6.3.1(b)

the transmitter power spectral density conducted from the transmitter to the antenna(s) shall not be greater than 8 dBm/3 kHz band during any time interval of continuous transmission. This power spectral density shall be determined in accordance with the provisions of section 6.3.2 The power spectral density shall be determined using the same method as is used to determine the maximum conducted output power.

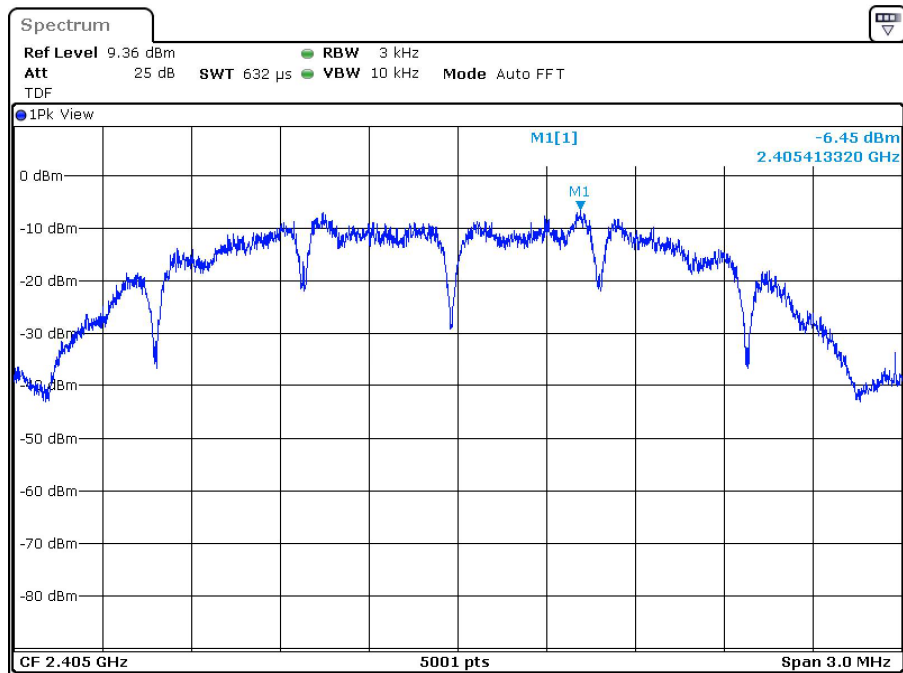
4.3.3 Test data

Result : Pass

Mode	Frequency (MHz)	Measured Value (dBm/3 kHz)	Limit (dBm/3 kHz)
802.15.4 (Zigbee)	2 405	-6.45	8
	2 440	-5.84	
	2 480	-6.19	

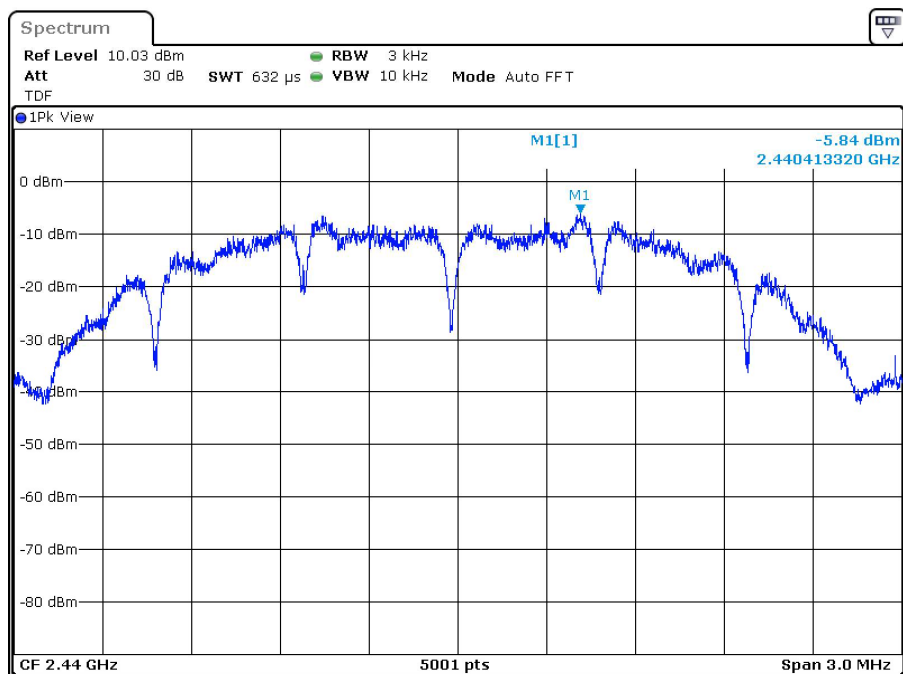


Low ch_Power Spectral Density

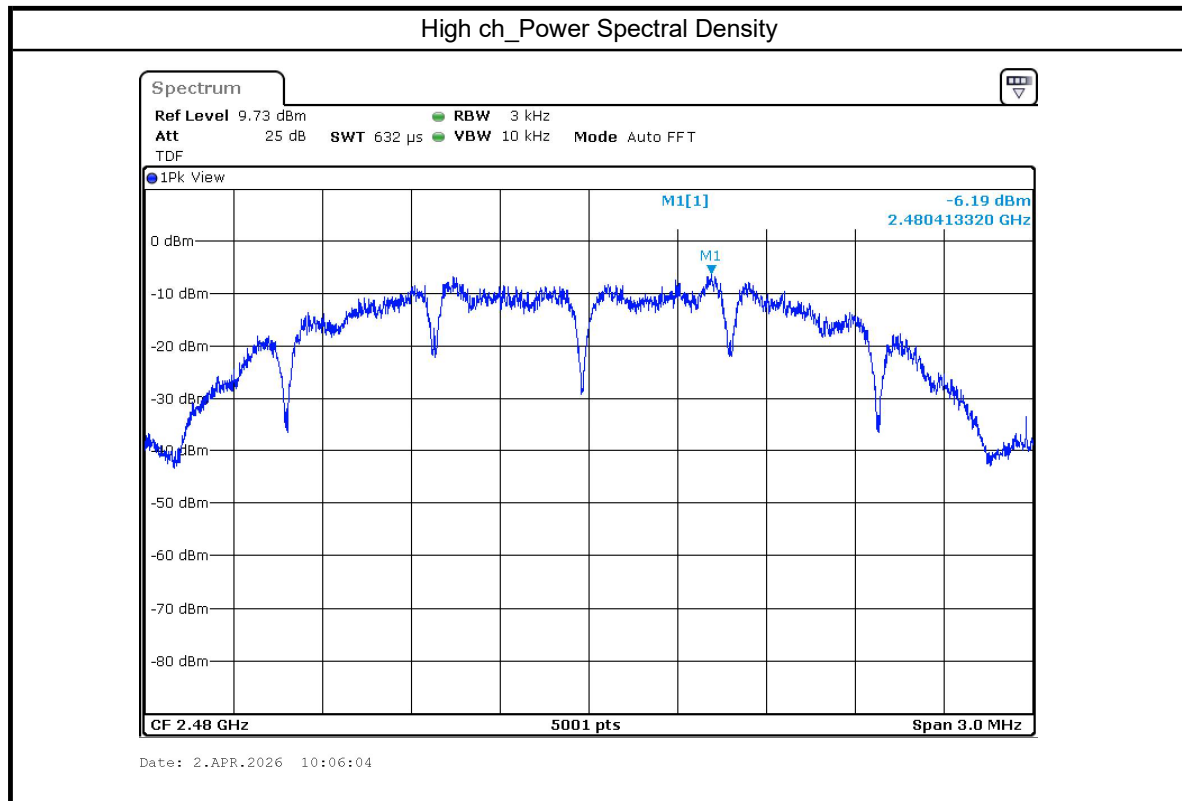


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Mid ch_Power Spectral Density



Date: 2.APR.2026 10:04:40





4.4 Conducted Spurious Emission & Band Edge

4.4.1 Test procedure

ANSI C63.10-2020 Clause 11.11, 11.12

4.4.2 Limit

§15.247 (d)

In any 100 kHz bandwidth outside the frequency band in which the spread spectrum or digitally modulated intentional radiator is operating, the radio frequency power that is produced by the intentional radiator shall be at least 20 dB below that in the 100 kHz bandwidth within the band that contains the highest level of the desired power, based on either an RF conducted or a radiated measurement, provided the transmitter demonstrates compliance with the peak conducted power limits. If the transmitter complies with the conducted power limits based on the use of RMS averaging over a time interval, as permitted under paragraph (b)(3) of this section, the attenuation required under this paragraph shall be 30 dB instead of 20 dB. Attenuation below the general limits specified in § 15.209(a) is not required. In addition, radiated emissions which fall in the restricted bands, as defined in § 15.205(a), must also comply with the radiated emission limits specified in § 15.209(a) (see § 15.205(c)).

RSS-247 6.6

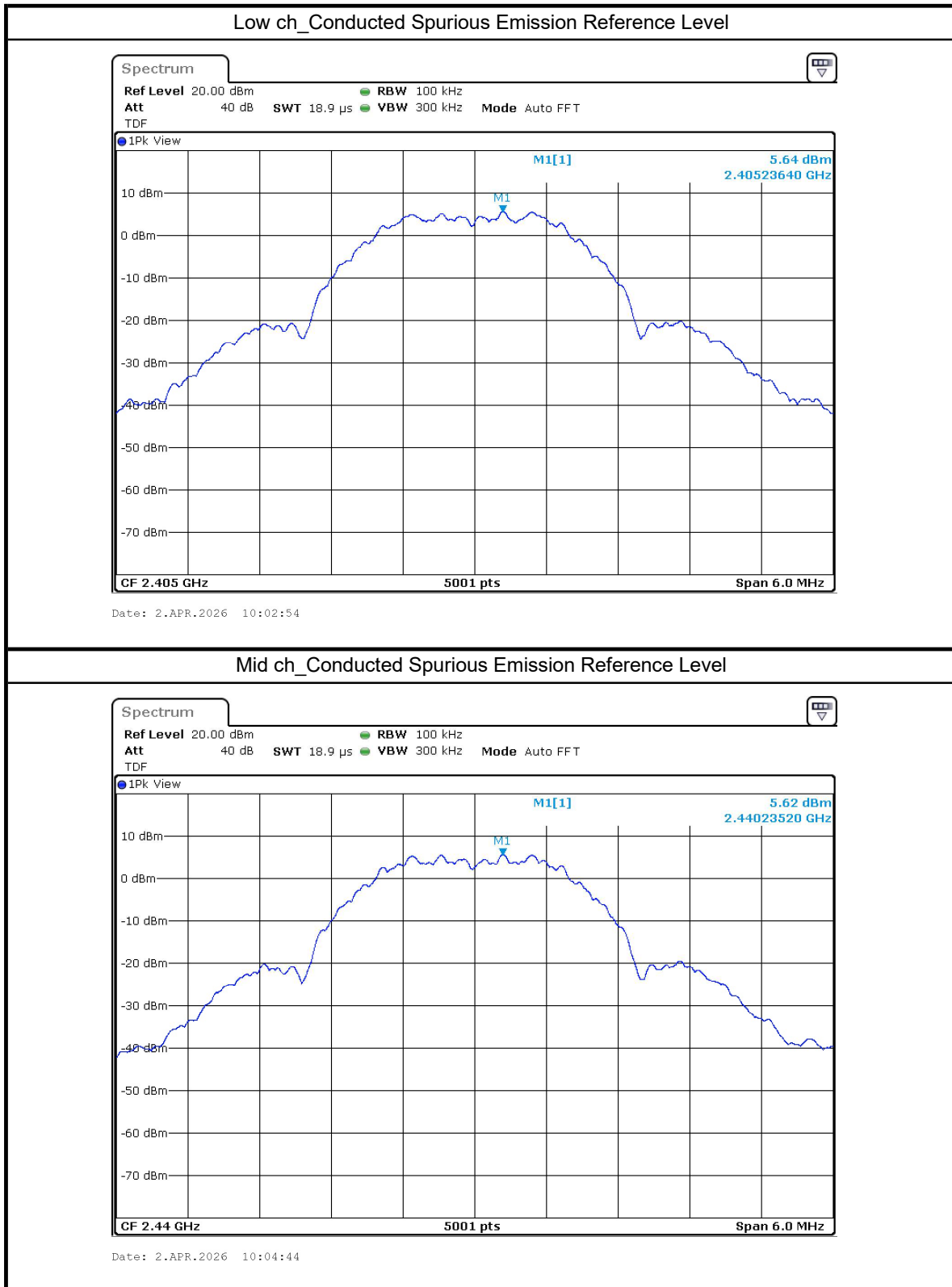
In any 100 kHz bandwidth outside the frequency band in which the spread spectrum device, digitally modulated device, or hybrid system is operating, the RF power that is produced shall be at least 20 dB below that in the 100 kHz bandwidth within the band that contains the highest level of the desired power – based on either an RF conducted or a radiated measurement – provided that the transmitter demonstrates compliance with the peak conducted power limits. If the transmitter complies with the conducted power limits based on the use of root-mean-square averaging over a time interval, as permitted under section 6.3.2, the attenuation required shall be 30 dB instead of 20 dB. Attenuation below the general field strength limits specified in RSS-Gen is not required.

4.4.3 Test data

Result : Pass

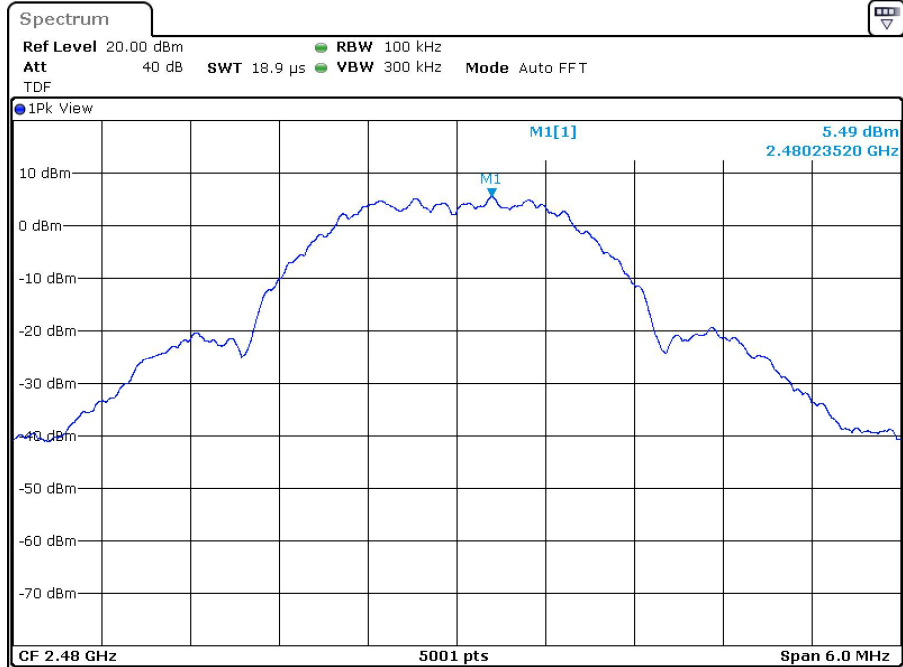


Mode : 802.15.4(Zigbee)



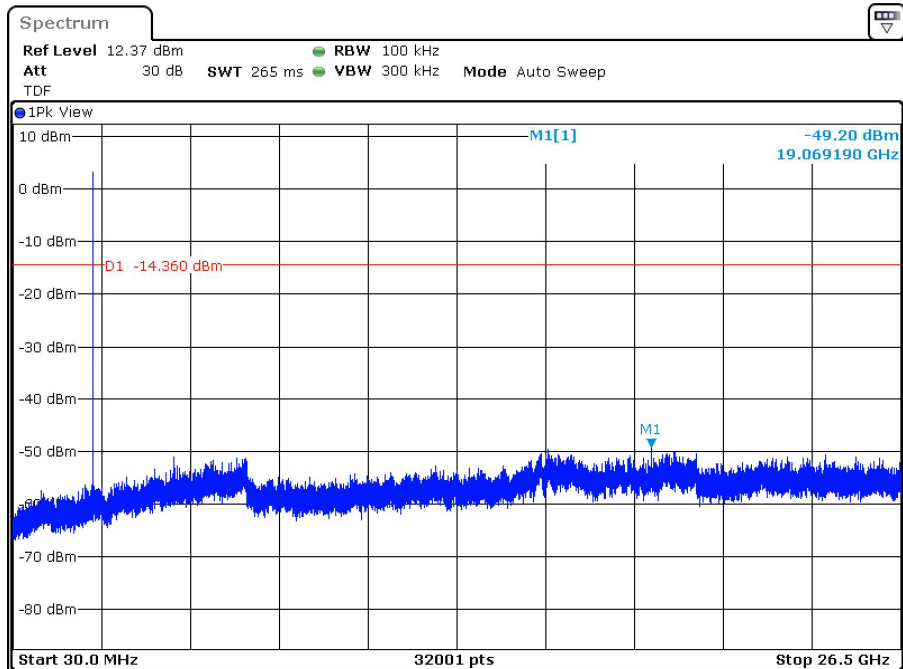


High ch_Conducted Spurious Emission Reference Level



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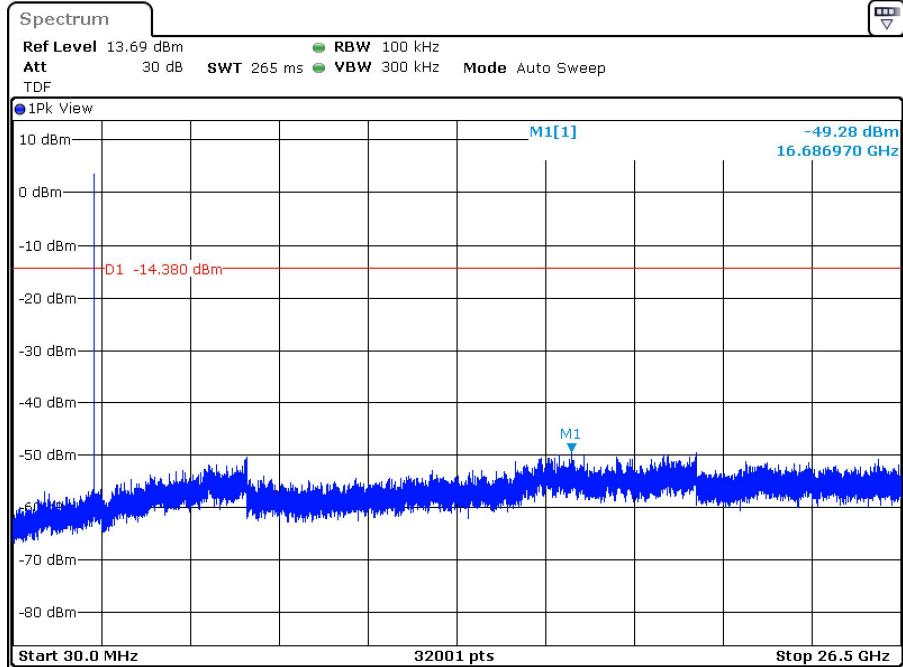
Low ch_Conducted Spurious Emission



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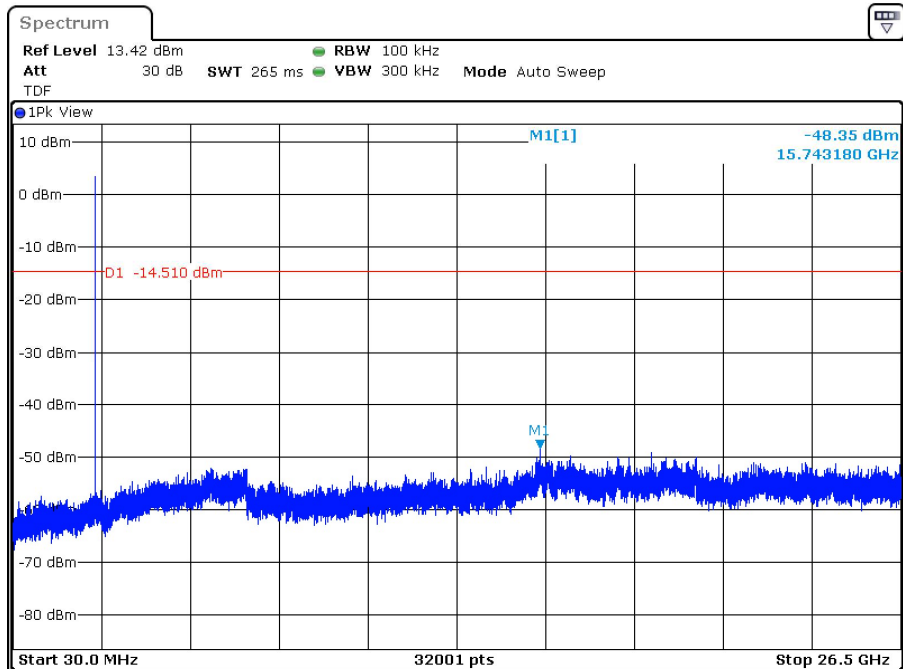


Mid ch_Conducted Spurious Emission

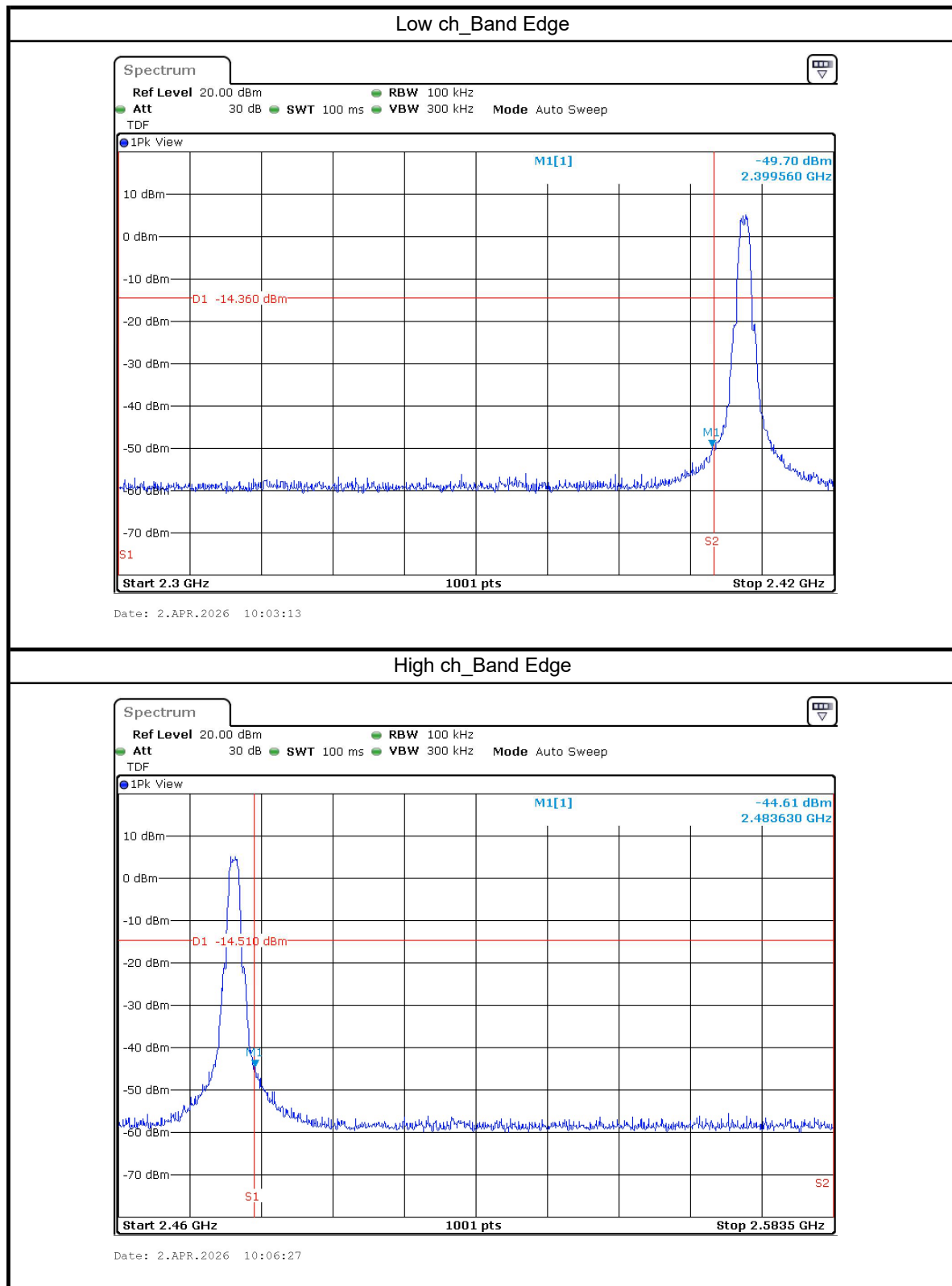


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High ch_Conducted Spurious Emission



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4.5 Radiated Spurious Emission

4.5.1 Test procedure

ANSI C63.10-2020 Clause 11.11, 11.12

4.5.2 Limit

§15.247 (d) & RSS Gen-8.9

In any 100 kHz bandwidth outside the frequency band in which the spread spectrum or digitally modulated intentional radiator is operating, the radio frequency power that is produced by the intentional radiator shall be at least 20 dB below that in the 100 kHz bandwidth within the band that contains the highest level of the desired power, based on either an RF conducted or a radiated measurement, provided the transmitter demonstrates compliance with the peak conducted power limits. If the transmitter complies with the conducted power limits based on the use of RMS averaging over a time interval, as permitted under paragraph (b)(3) of this section, the attenuation required under this paragraph shall be 30 dB instead of 20 dB. Attenuation below the general limits specified in § 15.209(a) is not required. In addition, radiated emissions which fall in the restricted bands, as defined in § 15.205(a), must also comply with the radiated emission limits specified in § 15.209(a) (see § 15.205(c)).

§15.209 Radiated emission limits; general requirements.(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 (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

** Except as provided in paragraph (g), fundamental emissions from intentional radiators operating under this section shall not be located in the frequency bands 54–72 MHz, 76–88 MHz, 174–216 MHz or 470–806 MHz. However, operation within these frequency bands is permitted under other sections of this part, e.g., §§ 15.231 and 15.241.



§15.205 Restricted bands of operation.(a),(b)

MHz	MHz	MHz	GHz
0.090–0.110	16.42–16.423	399.9–410	4.5–5.15
¹ 0.495–0.505	16.69475–16.69525	608–614	5.35–5.46
2.1735–2.1905	16.80425–16.80475	960–1240	7.25–7.75
4.125–4.128	25.5–25.67	1300–1427	8.025–8.5
4.17725–4.17775	37.5–38.25	1435–1626.5	9.0–9.2
4.20725–4.20775	73–74.6	1645.5–1646.5	9.3–9.5
6.215–6.218	74.8–75.2	1660–1710	10.6–12.7
6.26775–6.26825	108–121.94	1718.8–1722.2	13.25–13.4
6.31175–6.31225	123–138	2200–2300	14.47–14.5
8.291–8.294	149.9–150.05	2310–2390	15.35–16.2
8.362–8.366	156.52475–156.52525	2483.5–2500	17.7–21.4
8.37625–8.38675	156.7–156.9	2690–2900	22.01–23.12
8.41425–8.41475	162.0125–167.17	3260–3267	23.6–24.0
12.29–12.293	167.72–173.2	3332–3339	31.2–31.8
12.51975–12.52025	240–285	3345.8–3358	36.43–36.5
12.57675–12.57725	322–335.4	3600–4400	(²)
13.36–13.41			

¹ Until February 1, 1999, this restricted band shall be 0.490–0.510 MHz.

² Above 38.6

Except as provided in paragraphs (d) and (e) of this section, the field strength of emissions appearing within these frequency bands shall not exceed the limits shown in § 15.209. At frequencies equal to or less than 1000 MHz, compliance with the limits in § 15.209 shall be demonstrated using measurement instrumentation employing a CISPR quasi-peak detector. Above 1000 MHz, compliance with the emission limits in § 15.209 shall be demonstrated based on the average value of the measured emissions. The provisions in § 15.35 apply to these measurements.



4.5.3 Test data

Result : Pass

Mode : 802.15.4(Zigbee)_Worst Case

- Below 30 MHz

Frequency (MHz)	Reading (dBuV/m)	Detector	Pol.	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dBuV/m)	note
0.009	38.84	QP	H	21.0	59.84	128.52	68.68	
0.049	27.43	QP	H	20.0	47.43	113.80	66.37	
0.098	23.69	QP	H	19.9	43.59	107.77	64.18	
0.192	29.64	QP	H	19.9	49.54	101.95	52.41	
0.532	26.50	QP	H	19.9	46.40	73.08	26.68	
17.350	11.63	QP	H	20.4	32.04	69.54	37.50	

- 30 MHz ~ 1 GHz

Frequency (MHz)	Reading (dBuV/m)	Detector	Pol.	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dBuV/m)	note
63.465	42.24	QP	V	-16.7	25.54	40.00	14.46	
80.149	49.27	QP	V	-21.4	27.87	43.52	15.65	
206.055	46.26	QP	V	-17.0	29.26	46.02	16.76	
221.866	48.92	QP	V	-16.1	32.82	46.02	13.20	
431.968	37.83	QP	V	-9.7	28.13	46.02	17.89	
811.917	26.33	QP	H	-2.6	23.73	46.02	22.29	



Mode : 802.15.4(Zigbee)

- 1 GHz Above_Low ch

Frequency (MHz)	Reading (dBuV/m)	Detector	Pol.	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dBuV/m)	note
2366.80	47.99	PK	H	-11.7	36.29	74.00	37.71	Restricted band
	35.09	AVG	H		23.39	54.00	30.61	
4809.70	45.52	PK	V	-3.1	42.42	74.00	31.58	2nd Harmonic
	31.83	AVG	V		28.73	54.00	25.27	
7215.20	47.85	PK	V	0.5	48.35	74.00	25.65	3rd Harmonic
	34.25	AVG	V		34.75	54.00	19.25	
9620.70	48.02	PK	H	3.6	51.62	74.00	22.38	4th Harmonic
	34.84	AVG	H		38.44	54.00	15.56	
17748.40	52.90	PK	H	13.6	66.50	74.00	7.50	
	40.01	AVG	H		53.61	54.00	0.39	

- 1 GHz Above_Mid ch

Frequency (MHz)	Reading (dBuV/m)	Detector	Pol.	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dBuV/m)	note
4879.40	45.14	PK	V	-2.8	42.34	74.00	31.66	2nd Harmonic
	31.20	AVG	V		28.40	54.00	25.60	
7320.60	48.49	PK	V	0.5	48.99	74.00	25.01	3rd Harmonic
	34.75	AVG	V		35.25	54.00	18.75	
9760.10	48.37	PK	V	3.8	52.17	74.00	21.83	4th Harmonic
	35.22	AVG	V		39.02	54.00	14.98	
16939.20	53.12	PK	V	12.1	65.22	74.00	8.78	
	39.67	AVG	V		51.77	54.00	2.23	
23683.10	36.43	PK	V	11.1	47.53	74.00	26.47	
	23.14	AVG	V		34.24	54.00	19.76	

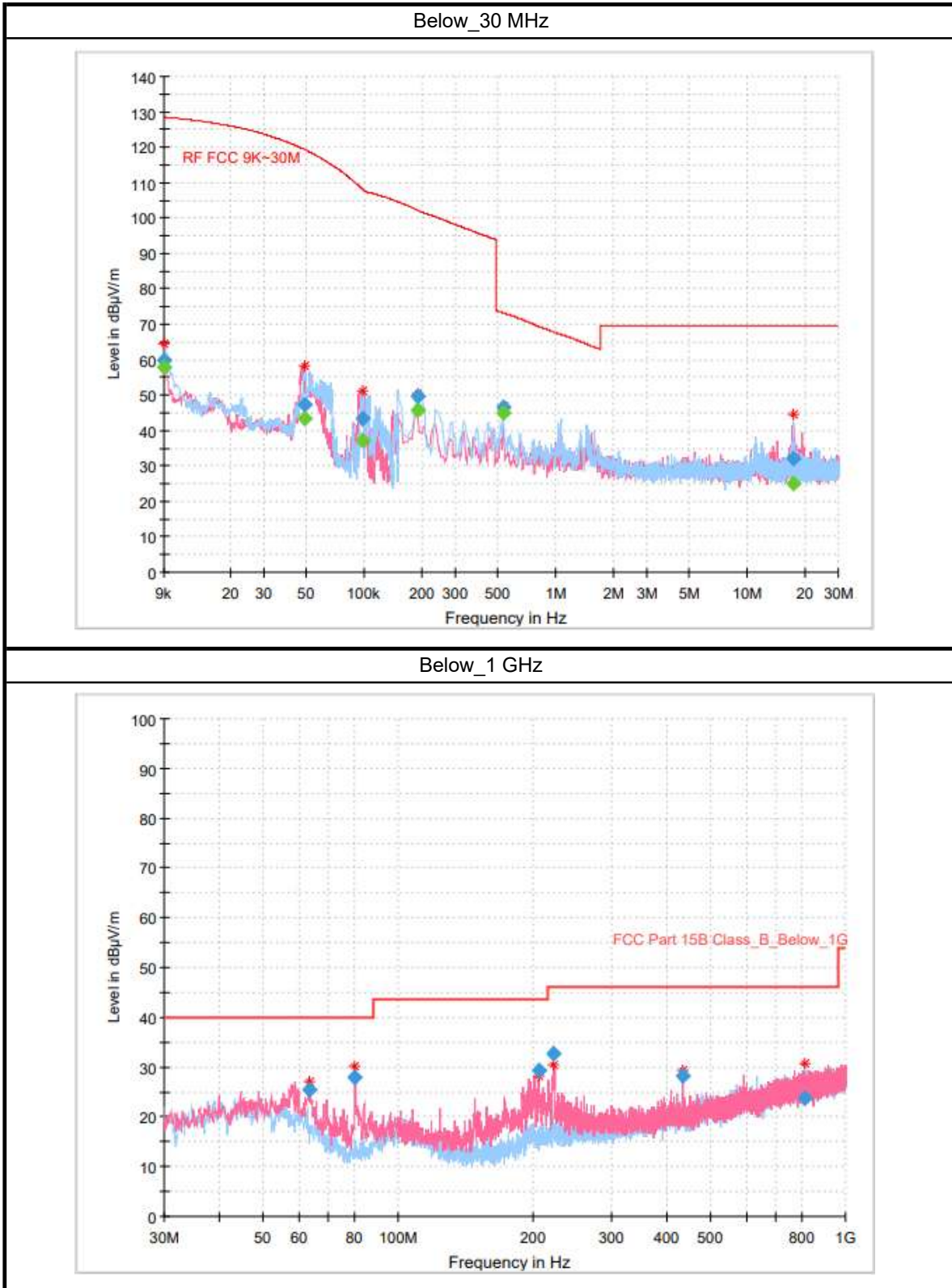
- 1 GHz Above_High ch

Frequency (MHz)	Reading (dBuV/m)	Detector	Pol.	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dBuV/m)	note
2483.50	64.55	PK	V	-10.8	53.75	74.00	20.25	Restricted band
	51.43	AVG	V		40.63	54.00	13.37	
4961.00	44.60	PK	V	-2.7	41.90	74.00	32.10	2nd Harmonic
	31.04	AVG	V		28.34	54.00	25.66	
7441.30	48.99	PK	V	0.9	49.89	74.00	24.11	3rd Harmonic
	36.41	AVG	V		37.31	54.00	16.69	
9919.90	48.57	PK	H	3.8	52.37	74.00	21.63	4th Harmonic
	35.12	AVG	H		38.92	54.00	15.08	
17624.30	54.07	PK	H	13.4	67.47	74.00	6.53	
	40.10	AVG	H		53.50	54.00	0.50	



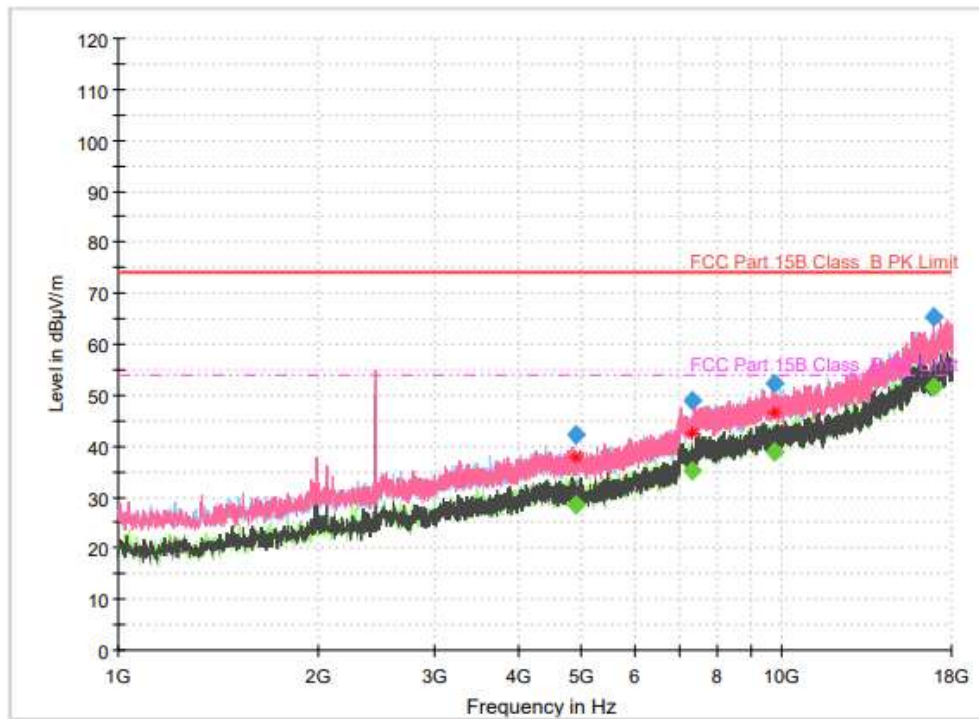
4.5.4 Test plot

Mode : 802.15.4(Zigbee)_Worst Case

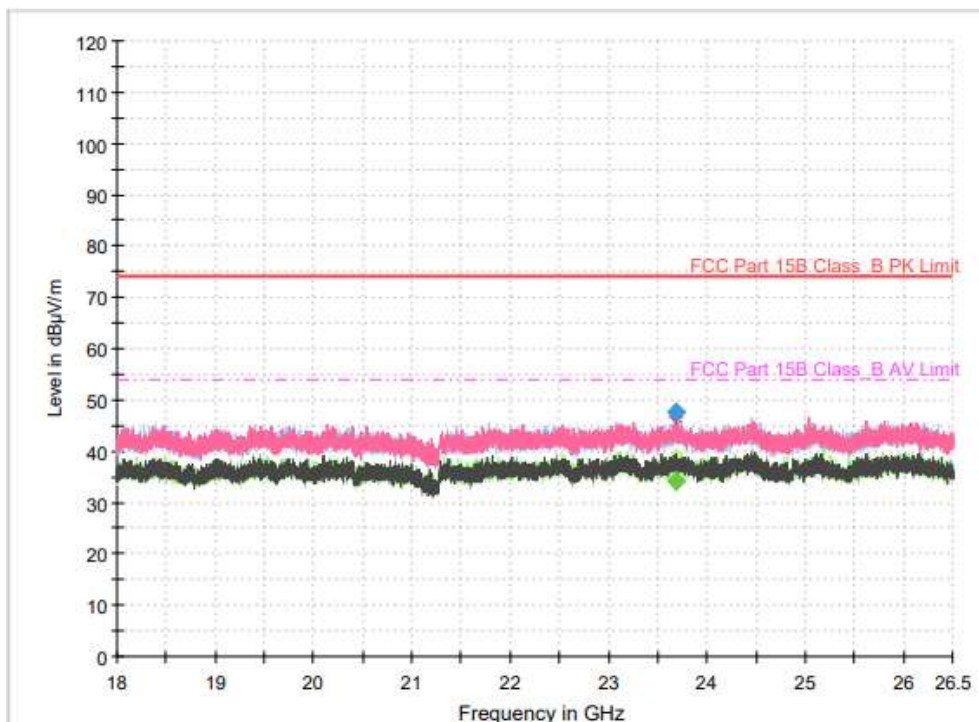




Above_1 GHz



Above_18 GHz





4.6 Power Line Conducted Emission

4.6.1 Test procedure

ANSI C63.10-2020 Clause 6.2

4.6.2 Limit

§15.207 (a) & RSS Gen-8.8

Except as shown in paragraphs (b) and (c) of this section, 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 or frequencies, within the band 150 kHz to 30 MHz, shall not exceed the limits in the following table, as measured using a 50 μ H/50 ohms line impedance stabilization network (LISN). Compliance with the provisions of this paragraph shall be based on the measurement of the radio frequency voltage between each power line and ground at the power terminal. The lower limit applies at the boundary between the frequency ranges.

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

*Decreases with the logarithm of the frequency.



4.6.3 Test data

Result : Pass

- L-Line Conducted Emission

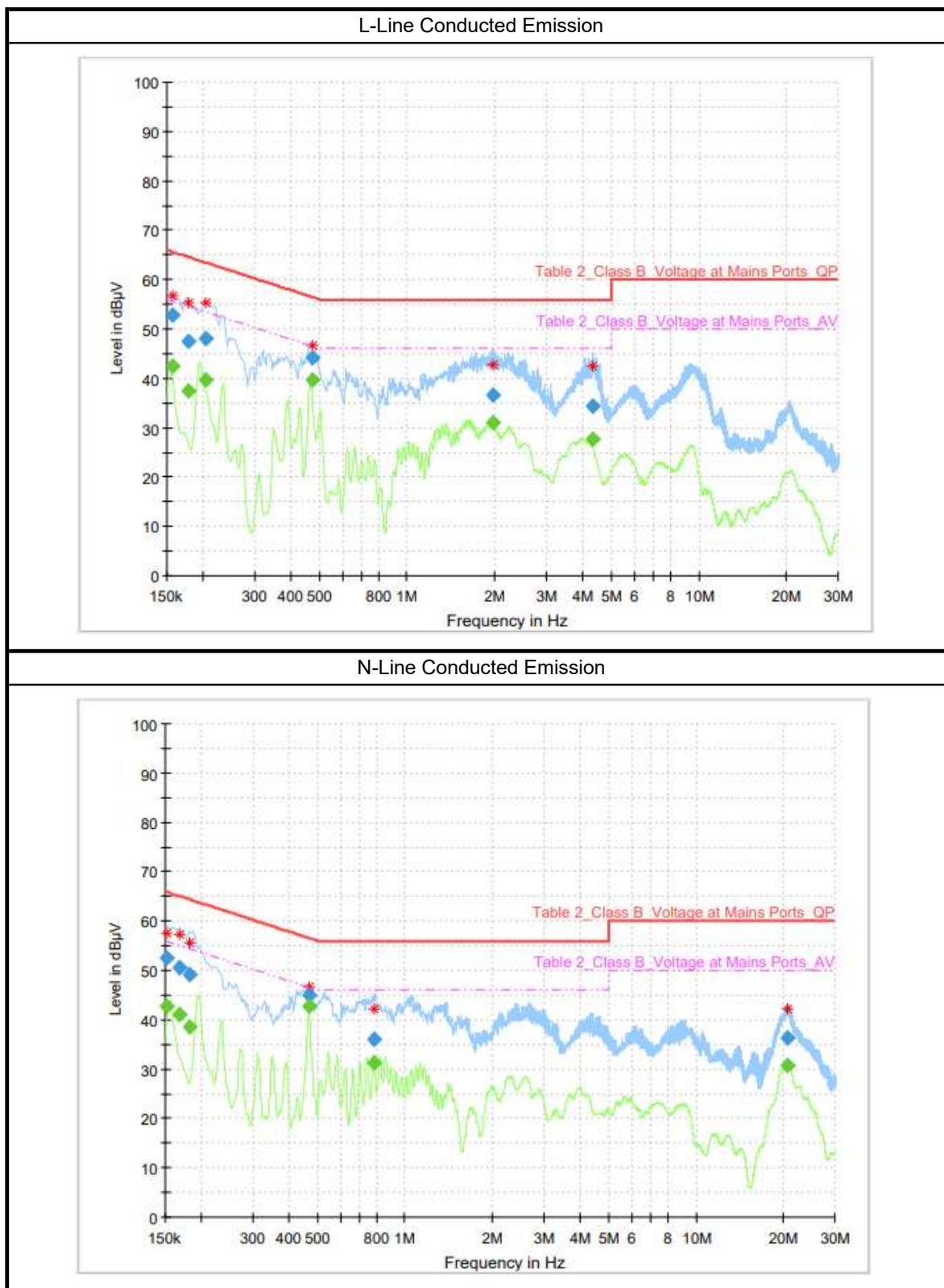
Frequency (MHz)	Reading (dBuV)	Detector	Factor (dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)	note
0.157	42.93	QP	9.9	52.83	66.00	13.17	
	32.63	AVG		42.53	56.00	13.47	
0.177	37.54	QP	10.0	47.54	64.02	16.48	
	27.45	AVG		37.45	54.02	16.57	
0.204	38.10	QP	9.9	48.00	56.77	8.77	
	29.71	AVG		39.61	46.77	7.16	
0.472	34.05	QP	10.0	44.05	56.00	11.95	
	29.67	AVG		39.67	46.00	6.33	
1.966	26.85	QP	9.7	36.55	60.00	23.45	
	21.37	AVG		31.07	50.00	18.93	
4.310	24.59	QP	9.8	34.39	60.00	25.61	
	17.77	AVG		27.57	50.00	22.43	

- N-Line Conducted Emission

Frequency (MHz)	Reading (dBuV)	Detector	Factor (dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)	note
0.152	42.58	QP	9.8	52.38	65.75	13.37	
	32.84	AVG		42.64	55.75	13.11	
0.168	40.66	QP	10.0	50.66	64.42	13.76	
	31.06	AVG		41.06	54.42	13.36	
0.182	39.27	QP	10.0	49.27	56.68	7.41	
	28.63	AVG		38.63	46.68	8.05	
0.470	34.92	QP	10.0	44.92	56.00	11.08	
	32.62	AVG		42.62	46.00	3.38	
0.787	26.19	QP	9.9	36.09	56.00	19.91	
	21.29	AVG		31.19	46.00	14.81	
20.524	25.99	QP	10.2	36.19	56.00	19.81	
	20.58	AVG		30.78	46.00	15.22	



4.6.4 Test plot





5. Used equipment

	Description	Model Name	Manufacturer	Serial Number	Next Cal
■	SIGNAL GENERATOR	SMB100A	ROHDE & SCHWARZ	180607	2027-02-24
■	SIGNAL ANALYZER	FSV40	ROHDE & SCHWARZ	101455	2027-02-23
■	DC BLOCK	PDCB-00012650-SMSF-4	PSATEK	-	2027-02-26
■	DC POWER SUPPLY	E3632A	AGILENT	MY51250107	2027-02-24
■	LOOP ANTENNA	HFH2-Z2	ROHDE & SCHWARZ	100271	2027-03-04
■	BAND REJECTION FILTER	WT-A1205-R12	WT MICROWAVE	WT171201-6-1	2027-02-24
■	TRILOG BROADBAND ANTENNA	VULB 9162	SCHWARZBECK	120	2026-12-09
■	RF Pre Amplifier	SCU 08	ROHDE & SCHWARZ	100746	2027-03-23
■	EMI Test Receiver	ESR 26	ROHDE & SCHWARZ	101462	2027-03-23
■	HORN ANTENNA	HF907	ROHDE & SCHWARZ	102556	2026-07-28
■	RF Pre Amplifier	SCU 18	ROHDE & SCHWARZ	102342	2027-03-23
■	EMI Test Receiver	ESR 26	ROHDE & SCHWARZ	101461	2027-03-23
■	HORN ANTENNA	DRH0844	RF SPIN	KV2E08A0844	2027-02-27
■	RF PRE AMPLIFIER	ELNA40-50	EXYNOD	631300	2027-02-26
■	LISN	ENV216	ROHDE & SCHWARZ	102193	2026-06-24
■	EMI TEST RECEIVER	ESR3	ROHDE & SCHWARZ	102119	2027-03-23

- END OF REPORT.