

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

RADIO TEST - REPORT

FCC & ISED Compliance Test Report for

Product name: Wireless Thermostat

Model name: PUCK-2.0

FCC ID: 2AK78PUCK2

IC: 22464-PUCK2

Test Report Number: EFGX25100120-IE-02-E02

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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

2025-12-02	Bruce Zheng / Project Engineer	
Date	Eurofins-Lab.	Name / Title
		Signature

Technical responsibility for area of testing:

2025-12-02	Albert Xu / EMC Manager	
Date	Eurofins-Lab.	Name / Title
		Signature

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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, People's Republic of China

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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	: Standard Euler, Inc.
Address	: 479 Jessie Street, San Francisco, California 94103, United States
Telephone	: ./.
Fax	: ./.

1.4 Details of manufacturer

Name	: Standard Euler, Inc.
Address	: 479 Jessie Street, San Francisco, California 94103, United States
Telephone	: ./.
Fax	: ./.

1.5 Application details

Date of receipt of application : 2025-10-14
Date of receipt of test item : 2025-10-14
Date of test : 2025-10-14 to 2025-11-04
Date of issue : 2025-12-02

1.6 Test item

Product type : Wireless Thermostat
Model name : PUCK-2.0
Brand name : FLAIR
Technical Description : Power Input: USB (5V); Battery (3.0V); POGO Pin Power Supply (5V)
Input Voltage: 3V / 5V
Input Current: Max 1A
Sample Code : 251014-09-002, 251014-09-003, 251014-09-004, 251014-09-005

RadioTechnical data

Fundamental frequency : 2400-2483.5 MHz
Modulation : DSSS, OFDM
Antenna type : Internal antenna
MaxGain : 2.1 dBi

(General disclaimer:

The above sample(s) and sample information was/were submitted and identified on behalf of the applicant.

Eurofins assures objectivity and impartiality of the test, and fulfills the obligation of confidentiality for applicant's commercial information and technical documents.)

1.7 Test standards

FCC Part 15 Subpart C	PART 15 - RADIO FREQUENCY DEVICES Subpart C - Intentional Radiators
RSS-247 Issue 4	Digital Transmission Systems, Frequency Hopping Systems and Licence-Exempt Local Area Network Devices in 902-928 MHz, 2400-2483.5 MHz, 5150-5350 MHz, and 5470-5895 MHz bands
RSS-GEN Issue 5	General Requirements for Compliance of Radio Apparatus

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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

Ac line conducted

Environment Parameter	Temperature °C	Relative Humidity
101.7 kPa	24.2	63.5%

RF Conducted

Environment Parameter	Temperature °C	Relative Humidity
101.7 kPa	24.3	61.7%

Radiated

Environment Parameter	Temperature °C	Relative Humidity
101.7 kPa	22.2	62.4%

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 Emission 9KHz-30MHz	4.56dB
Uncertainty for Radiated Spurious Emission 30MHz-1000MHz	Horizontal: 4.46dB; Vertical: 4.54dB;
Uncertainty for Radiated Spurious Emission 1000MHz-18000MHz	Horizontal: 4.42dB; Vertical: 4.41dB;
Uncertainty for Radiated Spurious Emission 18000MHz-40000MHz	Horizontal: 4.63dB; Vertical: 4.62dB;

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2.4 Test equipment utilized

EQUIPMENT ID	EQUIPMENT NAME	MODEL NO.	CAL. DUE DATE
23-2-13-05	EMI Test Receiver	ESR3	2026-03-25
23-2-13-06	LISN	NNLK 8127 RC	2026-03-25
23-2-10-16	Attenuator	VTSD 9561-F	2026-03-25
23-2-13-12	Signal Analyzer	N9010B-544	2026-03-25
23-2-13-13	BT/WLAN Tester	CMW270	2026-03-25
23-2-13-14	Signal Generator	N5183B-520	2026-03-25
23-2-13-15	Vector Signal Generator	N5182B-506	2026-03-25
23-2-10-44	DC power supply	E3642A	2026-03-25
23-2-10-45	Temperature test chamber	SG-80-CC-2	2026-03-25
23-2-13-01	EMI Test Receiver	ESR7	2026-03-25
23-2-13-02	Signal Analyzer	N9020B-544	2026-03-25
23-2-12-01	Active Loop Antenna	FMZB 1519B	2025-05-29
23-2-12-02	TRILOG Broadband Antenna	VULB9168	2026-06-02
23-2-12-03	Horn Antenna	3117	2026-06-02
23-2-12-04	Horn Antenna	BBHA 9170	2025-05-29
23-2-10-01	Preamplifier	BBV9745	2026-03-25
23-2-10-02	Preamplifier	TAP01018048	2026-03-25
23-2-10-03	Preamplifier	TAP18040048	2026-03-25
23-2-10-14	Switch and Control Unit	ERIT-E-JS0806-SF1	N/A
23-2-13-03	EMI Test Receiver	ESR7	2026-03-25
23-2-13-04	Signal Analyzer	N9020B-526	2026-03-25
23-2-12-06	Active Loop Antenna	FMZB 1519B	2026-03-25
23-2-12-07	TRILOG Broadband Antenna	VULB9168	2026-05-08
23-2-12-08	Horn Antenna	3117	2026-05-08
23-2-10-46	Preamplifier	BBV9745	2026-03-25
23-2-10-47	Preamplifier	TAP01018048	2026-03-25
23-2-10-15	Switch and Control Unit	ERIT-E-JS0806-SF1	N/A

2.5 Test mode

Measure using fixed-frequency mode.

802.11b Tx
802.11g Tx
802.11n HT20 Tx
Receiver Mode

Channel	Frequency	Channel	Frequency	Channel	Frequency	Channel	Frequency
1	2412 MHz	4	2427 MHz	7	2442 MHz	10	2457 MHz
2	2417 MHz	5	2432 MHz	8	2447 MHz	11	2462 MHz
3	2422 MHz	6	2437 MHz	9	2452 MHz	--	--

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		PuTTY 0.83
No	Configs	Commands
1	Test mode: Continuous TX Wifi rate: 11b 1M Bandwidth: 20M Channel: 1 (2412MHz - low) Attenuation: 16 (4dBm)	cbw40m_en 0 (press enter) tx_contin_en 1 (press enter) esp_tx --channel=1 --rate=0x0 --attenua- tion=16 (press enter) (start scanning...)
2	Test mode: Continuous TX Wifi rate: 11b 1M Bandwidth: 20M Channel: 6 (2437MHz - mid) Attenuation: 16 (4dBm)	cbw40m_en 0 (press enter) tx_contin_en 1 (press enter) esp_tx --channel=6 --rate=0x0 --attenua- tion=16 (press enter) (start scanning...)
3	Test mode: Continuous TX Wifi rate: 11b 1M Bandwidth: 20M Channel: 11 (2462MHz - high) Attenuation: 16 (4dBm)	cbw40m_en 0 (press enter) tx_contin_en 1 (press enter) esp_tx --channel=11 --rate=0x0 --attenua- tion=16 (press enter) (start scanning...)
4	Test mode: Continuous TX Wifi rate: 11g 6M Bandwidth: 20M Channel: 1 (2412MHz - low) Attenuation: 16 (4dBm)	cbw40m_en 0 (press enter) tx_contin_en 1 (press enter) esp_tx --channel=1 --rate=0xb --attenua- tion=16

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		(press enter) (start scanning...)
5	Test mode: Continuous TX Wifi rate: 11g 6M Bandwidth: 20M Channel: 6 (2437MHz - mid) Attenuation: 16 (4dBm)	cbw40m_en 0 (press enter) tx_contin_en 1 (press enter) esp_tx --channel=6 --rate=0xb --attenua- tion=16 (press enter) (start scanning...)
6	Test mode: Continuous TX Wifi rate: 11g 6M Bandwidth: 20M Channel: 11 (2462MHz - high) Attenuation: 16 (4dBm)	cbw40m_en 0 (press enter) tx_contin_en 1 (press enter) esp_tx --channel=11 --rate=0xb --attenua- tion=16 (press enter) (start scanning...)
7	Test mode: Continuous TX Wifi rate: 11n Mcs0 Bandwidth: 20M Channel: 1 (2412MHz - low) Attenuation: 16 (4dBm)	cbw40m_en 0 (press enter) tx_contin_en 1 (press enter) esp_tx --channel=1 --rate=0x10 --attenua- tion=16 (press enter) (start scanning...)
8	Test mode: Continuous TX Wifi rate: 11n Mcs0 Bandwidth: 20M Channel: 6 (2437MHz - mid) Attenuation: 16 (4dBm)	cbw40m_en 0 (press enter) tx_contin_en 1 (press enter) esp_tx --channel=6 --rate=0x10 --attenua- tion=16 (press enter) (start scanning...)
9	Test mode: Continuous TX Wifi rate: 11n Mcs0 Bandwidth: 20M Channel: 11 (2462MHz - high) Attenuation: 16 (4dBm)	cbw40m_en 0 (press enter) tx_contin_en 1 (press enter) esp_tx --channel=11 --rate=0x10 --attenua- tion=16 (press enter) (start scanning...)

2.8 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	Appendix A	Pass
§15.247(a)(2)	RSS-247 6.3.1 a	DTS bandwidth	Appendix B	Pass
--	RSS-GEN 6.7	Occupied bandwidth	Appendix C	--
§15.247(b)(3)	RSS-247 6.3.2	Fundamental emission output power	Appendix D	Pass
§15.247(e)	RSS-247 6.3.1 b	Maximum power spectral density level in the fundamental emission	Appendix E	Pass
§15.247(d)	RSS-247 6.6	Emissions in non-restricted frequency bands	Appendix F Appendix G	Pass
§15.205 §15.209	RSS-GEN 8.9 RSS-GEN 8.10	Emissions in restricted frequency bands	Appendix I	Pass
--	--	Duty cycle	Appendix H	--
§15.203	RSS-GEN 6.8	Antenna requirement	See note 1	Pass

Note 1: The EUT incorporates a non-removable stamped metal Inverted-F Antenna (IFA) with a maximum gain of 2.1 dBi. The antenna is permanently soldered to the PCB and is not user-replaceable. This design satisfies FCC §15.203 (prohibiting user-replaceable antennas) and ISED RSS-GEN Section 6.8 (antenna gain $\leq$ 6 dBi).

3 Test Requirements

3.1 AC power-line conducted emissions

3.1.1 Limits

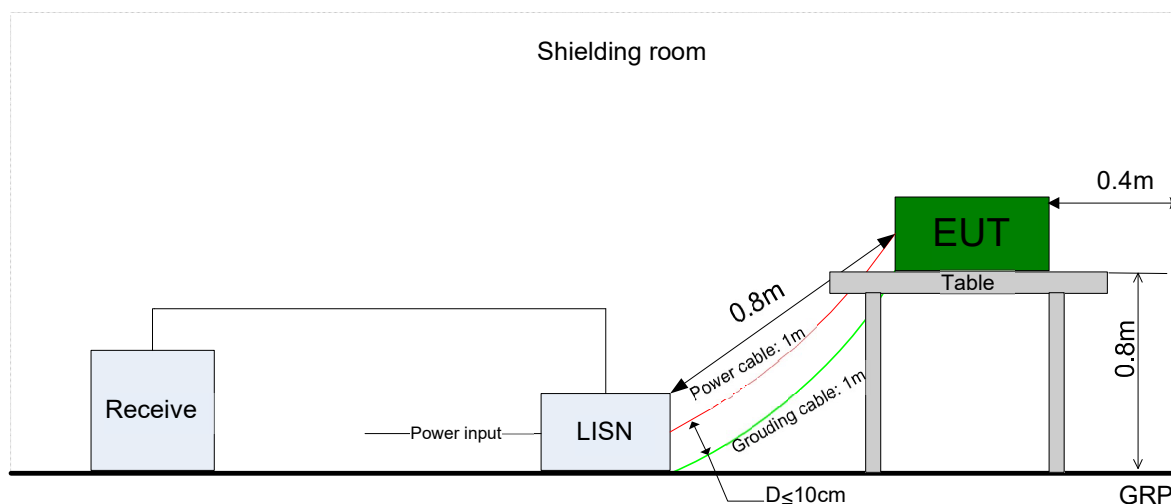
Frequency (MHz)	Conducted limit (dB μ V)	
	Quasi-peak	Average
0.15 - 0.5	66 to 56 ¹	56 to 46 ¹
0.5 - 5	56	46
5 - 30	60	50

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*.

3.1.3 Setup



3.2 DTS bandwidth

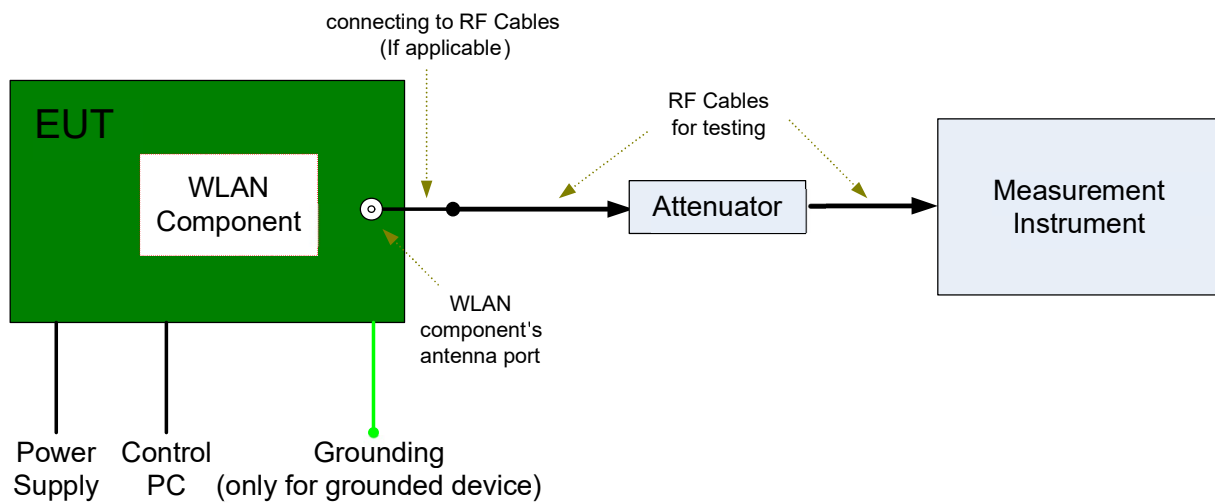
3.2.1 Limits

The minimum 6 dB bandwidth shall be at least 500 kHz.

3.2.2 Measurement procedure

Clause 11.8 of *ANSI C63.10-2020*.

3.2.3 Setup



3.3 Occupied bandwidth

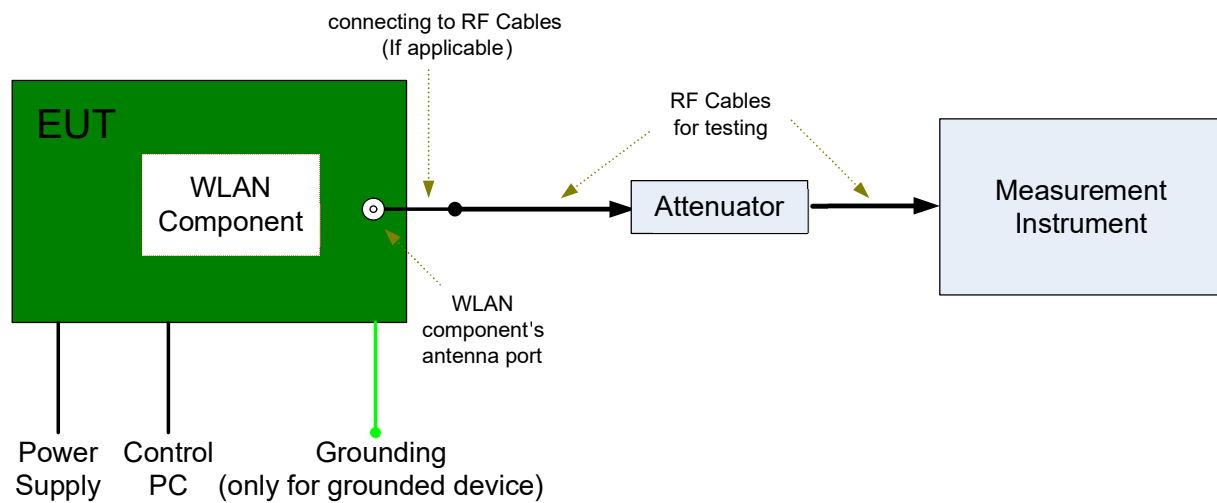
3.3.1 Limits

None; for reporting purposes only.

3.3.2 Measurement procedure

Clause 6.9 of *ANSI C63.10-2020*.

3.3.3 Setup



3.4 Fundamental emission output power

3.4.1 Limits

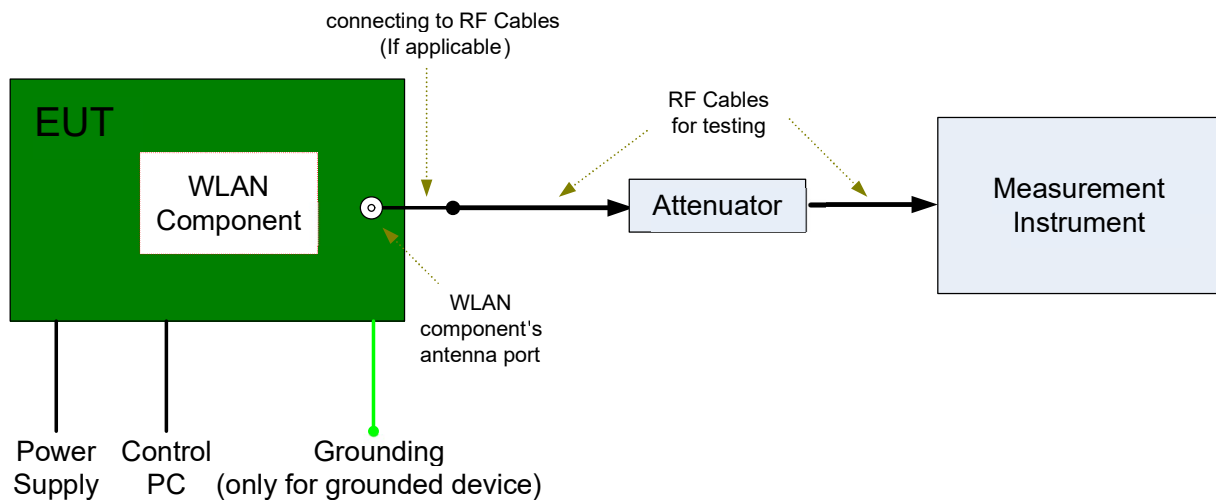
For DTS operating in the band 2400-2483.5 MHz, the maximum peak conducted output power shall not exceed 1W, and the e.i.r.p. shall not exceed 4 W.

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

3.4.2 Measurement procedure

Clause 11.9 of *ANSI C63.10-2020*.

3.4.3 Setup



3.5 Maximum power spectral density level in the fundamental emission

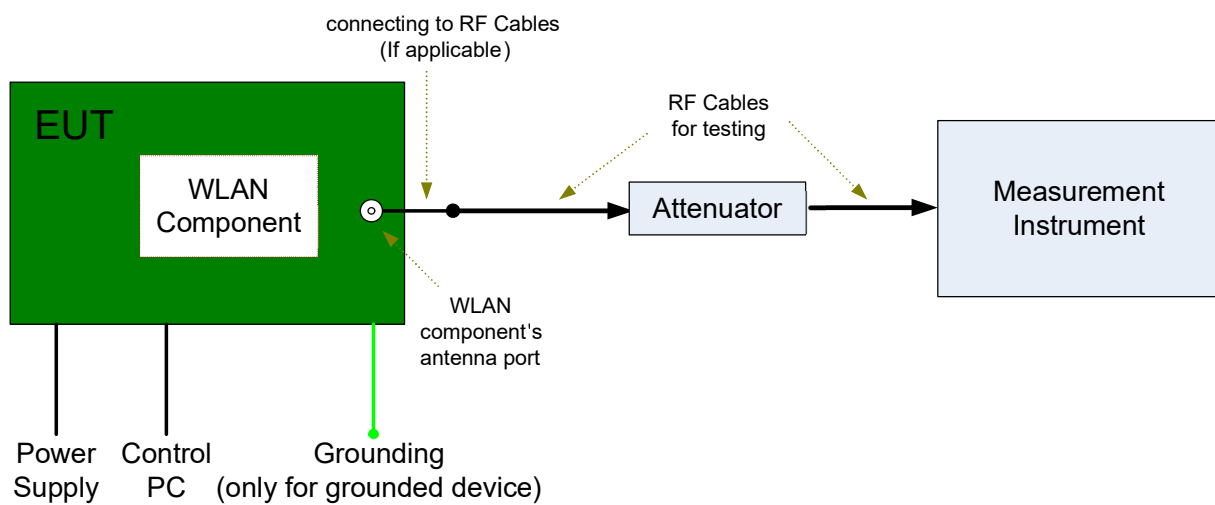
3.5.1 Limits

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.

3.5.2 Measurement procedure

Clause 11.10 of *ANSI C63.10-2020*.

3.5.3 Setup



3.6 Emissions in non-restricted frequency bands

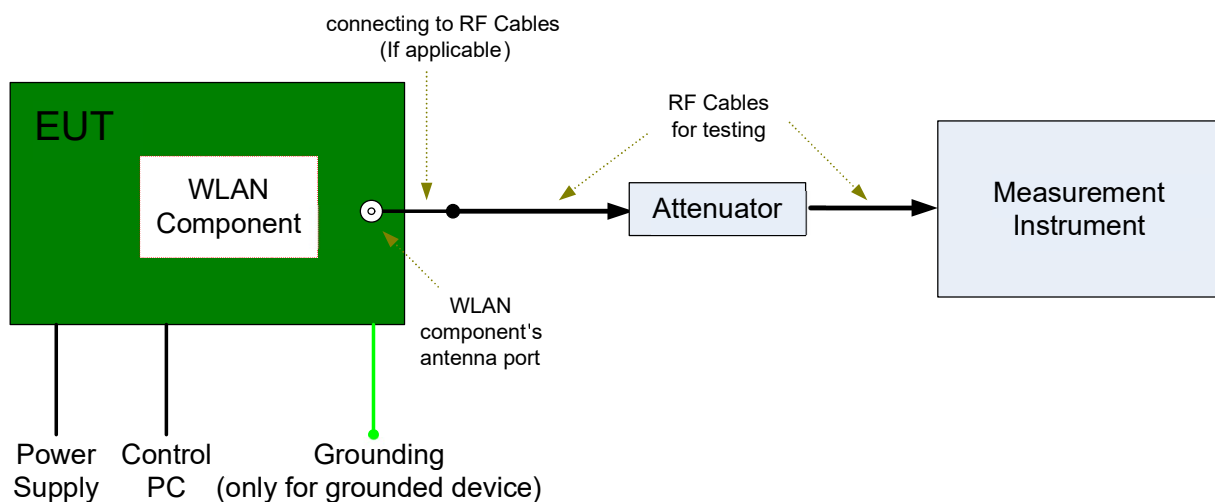
3.6.1 Limits

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, the attenuation required shall be 30 dB instead of 20 dB.

3.6.2 Measurement procedure

Clause 11.11 of *ANSI C63.10-2020*.

3.6.3 Setup



3.7 Emissions in restricted frequency bands

3.7.1 Limits

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

FCC Restricted bands of operation

MHz	MHz	MHz	GHz
0.090-0.110	13.36-13.41	322-335.4	3.6-4.4
0.495-0.505	16.42-16.423	399.9-410	4.5-5.15
2.1735-2.1905	16.69475-16.69525	608-614	5.35-5.46
4.125-4.128	16.80425-16.80475	960-1240	7.25-7.75
4.17725-4.17775	25.5-25.67	1300-1427	8.025-8.5
4.20725-4.20775	37.5-38.25	1435-1626.5	9.0-9.2
6.215-6.218	73-74.6	1645.5-1646.5	9.3-9.5
6.26775-6.26825	74.8-75.2	1660-1710	10.6-12.7
6.31175-6.31225	108-121.94	1718.8-1722.2	13.25-13.4
8.291-8.294	123-138	2200-2300	14.47-14.5
8.362-8.366	149.9-150.05	2310-2390	15.35-16.2
8.37625-8.38675	156.52475-156.52525	2483.5-2500	17.7-21.4
8.41425-8.41475	156.7-156.9	2690-2900	22.01-23.12
12.29-12.293	162.0125-167.17	3260-3267	23.6-24.0
12.51975-12.52025	167.72-173.2	3332-3339	31.2-31.8
12.57675-12.57725	240-285	3345.8-3358	36.43-36.5

ISED Restricted frequency bands

MHz	MHz	MHz	GHz
0.090 - 0.110	13.36 - 13.41	1435 - 1626.5	10.6 - 12.7
0.495 - 0.505	16.42 - 16.423	1645.5 - 1646.5	13.25 - 13.4
2.1735 - 2.1905	16.69475 - 16.69525	1660 - 1710	14.47 - 14.5
3.020 - 3.026	25.5 - 25.67	1718.8 - 1722.2	15.35 - 16.2
4.125 - 4.128	37.5 - 38.25	2200 - 2300	17.7 - 21.4
4.17725 - 4.17775	73 - 74.6	2310 - 2390	22.01 - 23.12
4.20725 - 4.20775	74.8 - 75.2	2483.5 - 2500	23.6 - 24.0
5.677 - 5.683	108 - 138	2655 - 2900	31.2 - 31.8
6.215 - 6.218	149.9 - 150.05	3260 - 3267	36.43 - 36.5
6.26775 - 6.26825	156.52475 - 156.52525	3332 - 3339	Above 38.6
6.31175 - 6.31225	156.7 - 156.9	3345.8 - 3358	
8.291 - 8.294	162.0125 - 167.17	3500 - 4400	
8.362 - 8.366	167.72 - 173.2	4500 - 5150	
8.37625 - 8.38675	240 - 285	5350 - 5460	
8.41425 - 8.41475	322 - 335.4	7250 - 7750	
12.29 - 12.293	399.9 - 410	8025 - 8500	
12.51975 - 12.52025	608 - 614	9000 - 9200	
12.57675 - 12.57725	960 - 1427	9300 - 9500	

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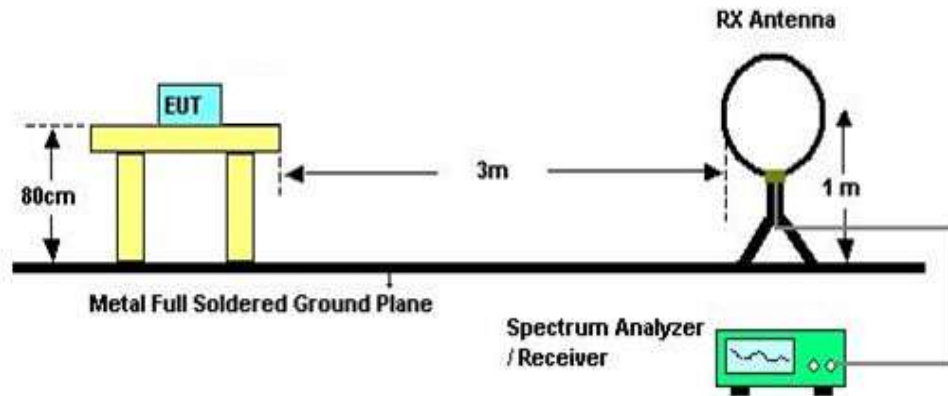
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3.7.2 Measurement procedure

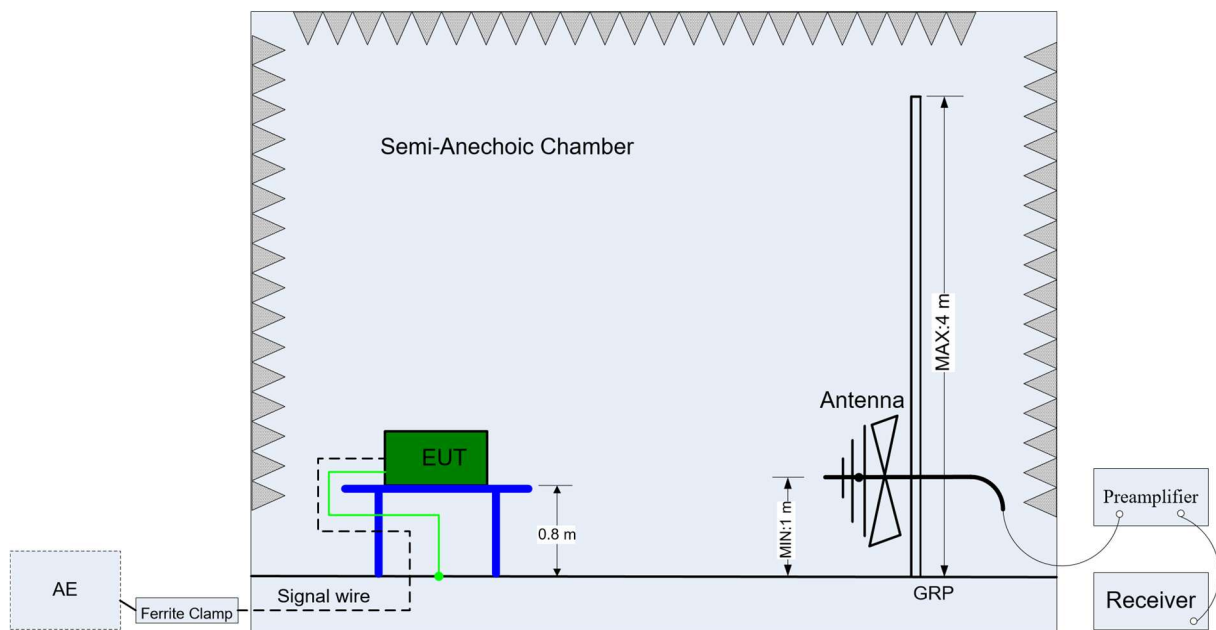
Clause 11.12 of *ANSI C63.10-2020*.

3.7.3 Setup

Below 30MHz



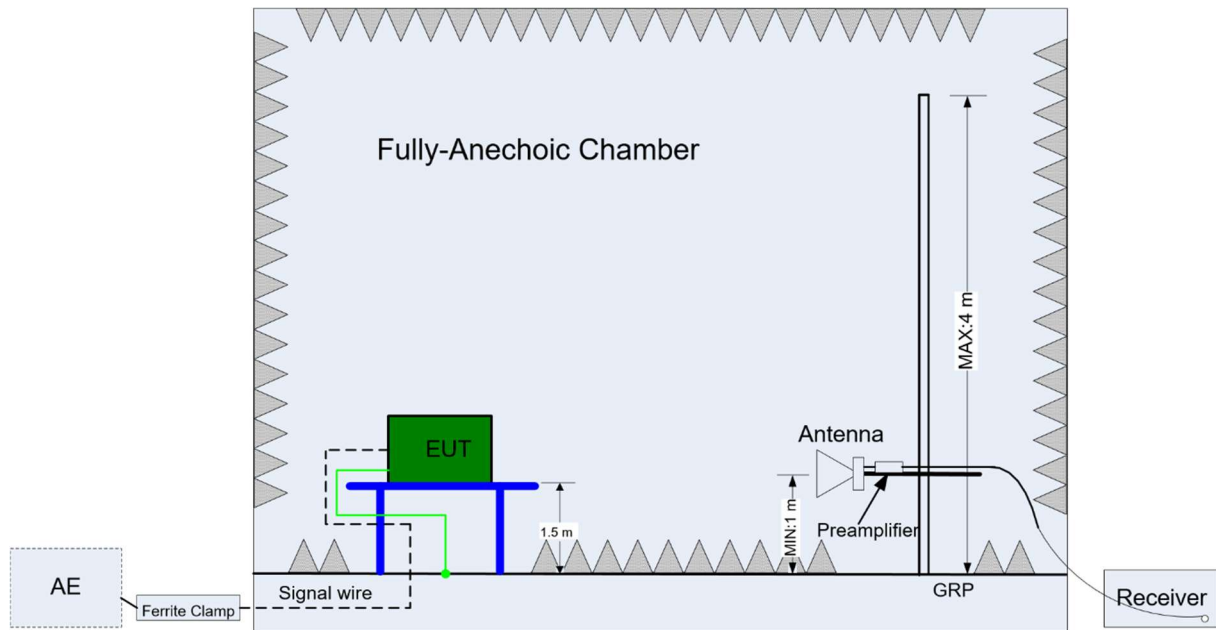
Below 1GHz



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Above 1GHz



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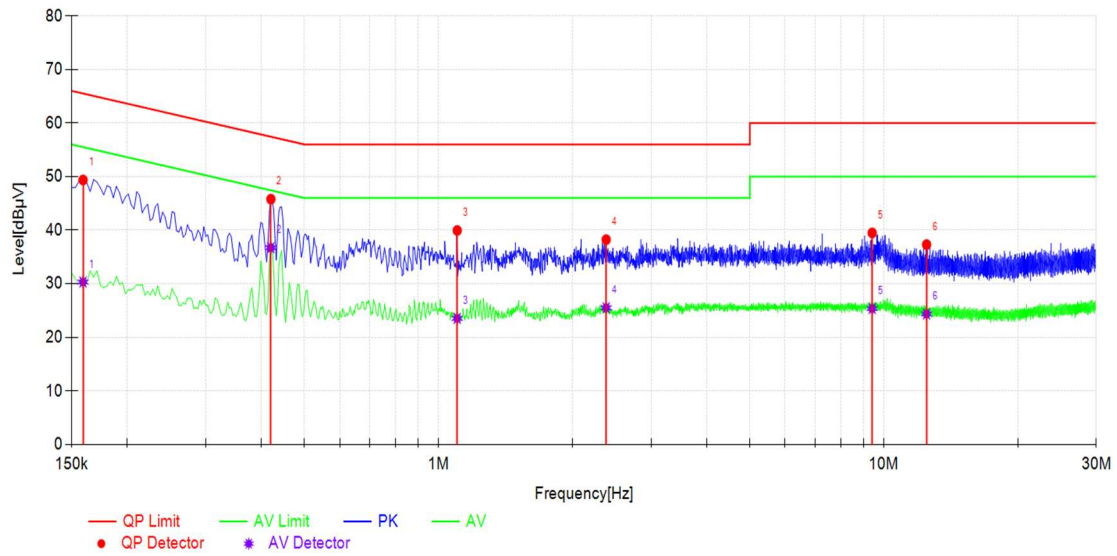
Appendix A: AC power-line conducted emissions

(Worst Case)

Mode:	11n20	Channel:	2437 MHz
Antenna:	Ant1	State:	Tx

Start of Test: 2025-10-23 15:47:08

Test Graph



Final Data List										
NO.	Freq. [MHz]	Factor [dB]	QP Value [dBμV]	QP Limit [dBμV]	QP Margin [dB]	AV Value [dBμV]	AV Limit [dBμV]	AV Margin [dB]	Type	Verdict
1	0.159	10.27	49.38	65.52	16.14	30.32	55.52	25.20	L1	PASS
2	0.42	10.28	45.80	57.45	11.65	36.72	47.45	10.73	L1	PASS
3	1.101	10.35	39.96	56.00	16.04	23.55	46.00	22.45	L1	PASS
4	2.379	10.28	38.25	56.00	17.75	25.52	46.00	20.48	L1	PASS
5	9.417	10.44	39.50	60.00	20.50	25.38	50.00	24.62	L1	PASS
6	12.475	10.50	37.32	60.00	22.68	24.37	50.00	25.63	L1	PASS

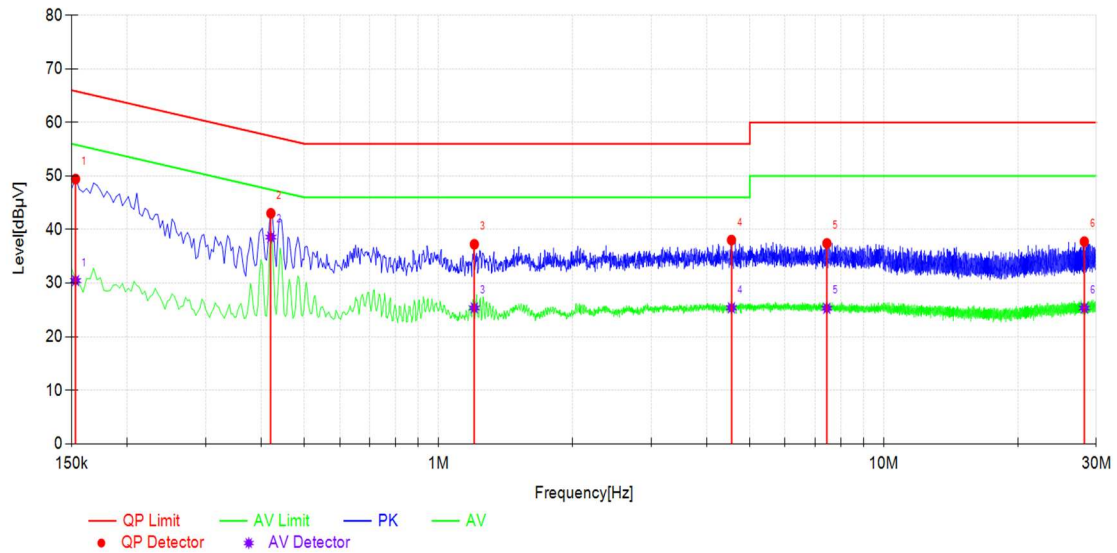
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Mode:	11n20	Channel:	2437 MHz
Antenna:	Ant1	State:	Tx

Start of Test: 2025-10-23 15:49:54

Test Graph



Final Data List										
NO.	Freq. [MHz]	Factor [dB]	QP Value [dBμV]	QP Limit [dBμV]	QP Margin [dB]	AV Value [dBμV]	AV Limit [dBμV]	AV Margin [dB]	Type	Verdict
1	0.153	10.35	49.44	65.84	16.40	30.48	55.84	25.36	N	PASS
2	0.42	10.28	43.04	57.45	14.41	38.60	47.45	8.85	N	PASS
3	1.203	10.28	37.26	56.00	18.74	25.38	46.00	20.62	N	PASS
4	4.548	10.40	38.05	56.00	17.95	25.40	46.00	20.60	N	PASS
5	7.449	10.42	37.43	60.00	22.57	25.31	50.00	24.69	N	PASS
6	28.204	10.79	37.75	60.00	22.25	25.35	50.00	24.65	N	PASS

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Appendix B: DTS Bandwidth

Test Result

TestMode	Antenna	Frequency[MHz]	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	9.520	2407.520	2417.040	0.5	PASS
11B	Ant1	2437	9.040	2432.520	2441.560	0.5	PASS
11B	Ant1	2462	9.080	2457.480	2466.560	0.5	PASS
11G	Ant1	2412	16.080	2404.120	2420.200	0.5	PASS
11G	Ant1	2437	16.080	2429.120	2445.200	0.5	PASS
11G	Ant1	2462	16.040	2454.120	2470.160	0.5	PASS
11N20SISO	Ant1	2412	16.080	2404.120	2420.200	0.5	PASS
11N20SISO	Ant1	2437	16.080	2429.120	2445.200	0.5	PASS
11N20SISO	Ant1	2462	16.080	2454.120	2470.200	0.5	PASS

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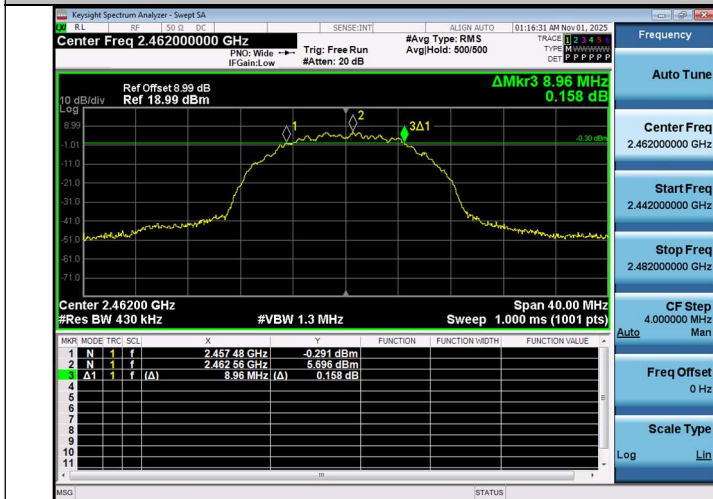
Test Graphs



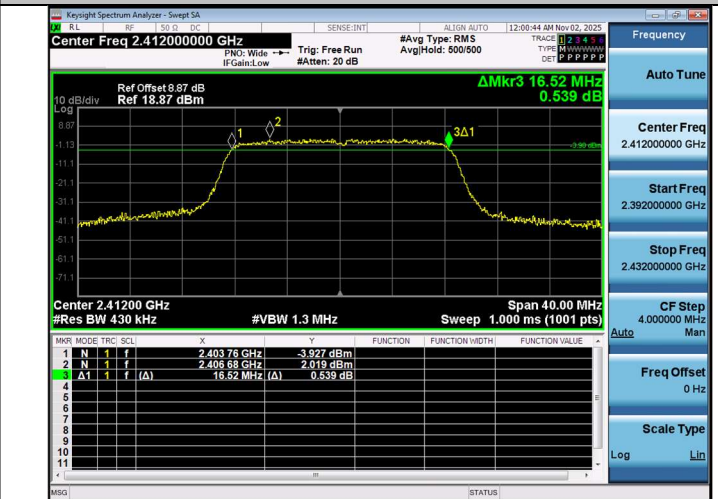
11B-Ant1-2412-PASS



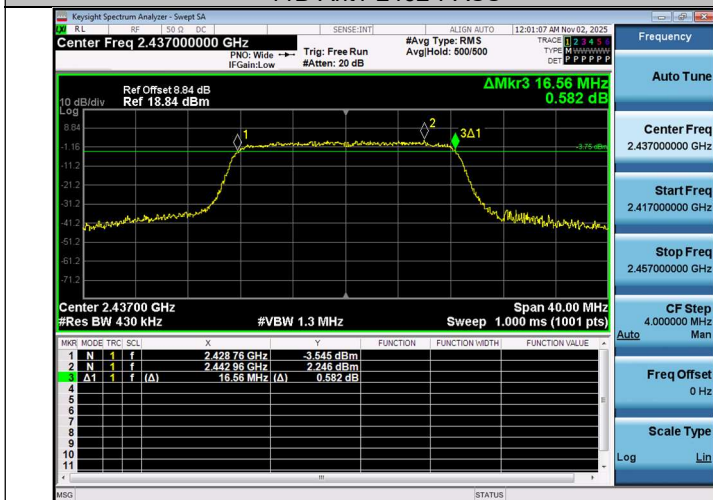
11B-Ant1-2437-PASS



11B-Ant1-2462-PASS



11G-Ant1-2412-PASS



11G-Ant1-2437-PASS

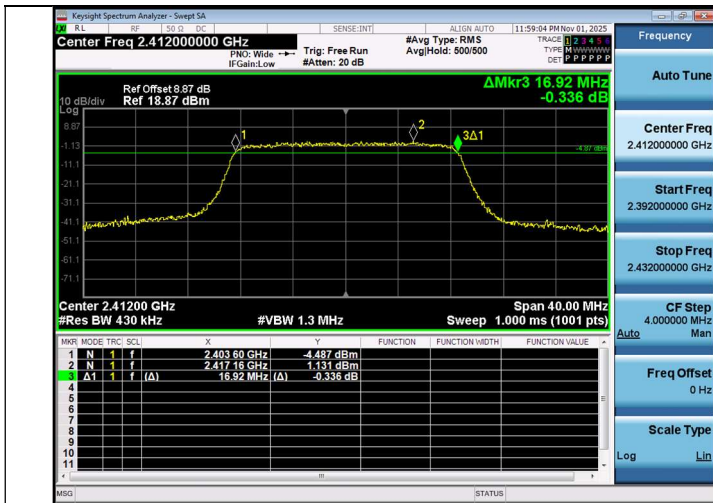


11G-Ant1-2462-PASS

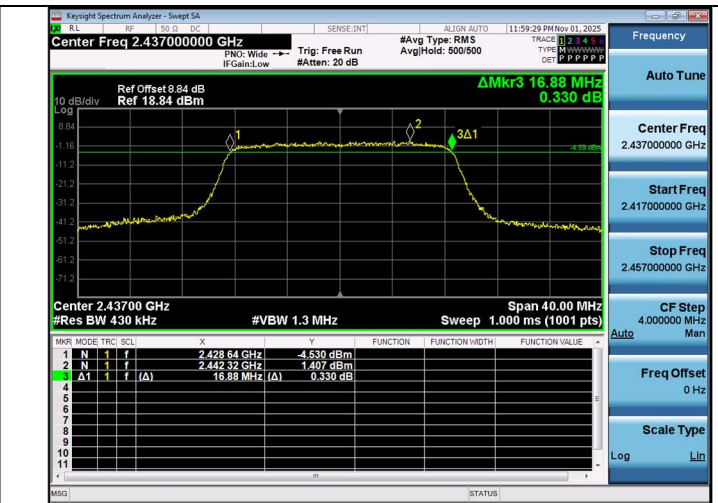
Test Report No.: EFGX25100120-IE-02-E02

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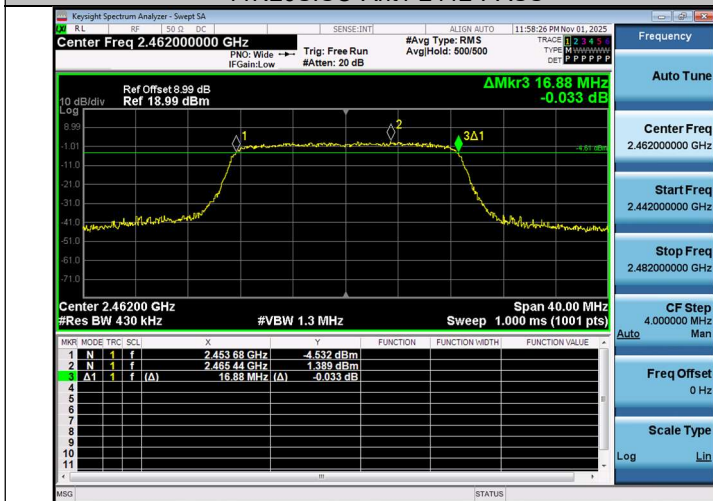
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11N20SISO-Ant1-2412-PASS



11N20SISO-Ant1-2437-PASS



11N20SISO-Ant1-2462-PASS

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Appendix C: Occupied Channel Bandwidth

Test Result

TestMode	Antenna	Channel Frequency[MHz]	OCB [MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	12.718	---	---
11B	Ant1	2437	12.713	---	---
11B	Ant1	2462	12.692	---	---
11G	Ant1	2412	16.447	---	---
11G	Ant1	2437	16.478	---	---
11G	Ant1	2462	16.450	---	---
11N20SISO	Ant1	2412	17.156	---	---
11N20SISO	Ant1	2437	17.215	---	---
11N20SISO	Ant1	2462	17.148	---	---

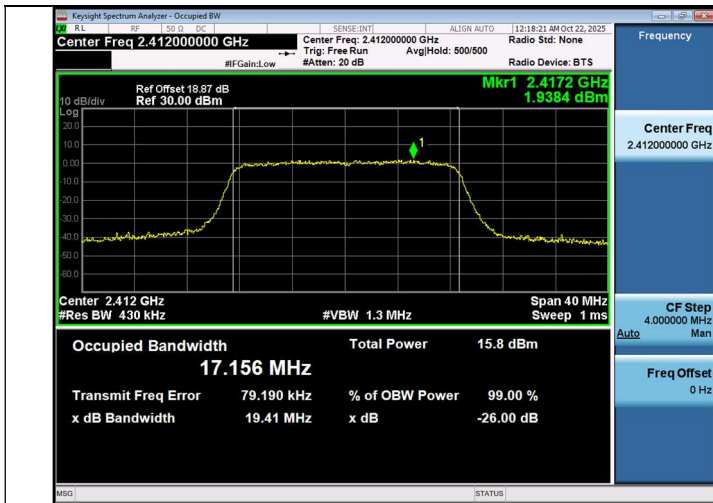
Test Graphs



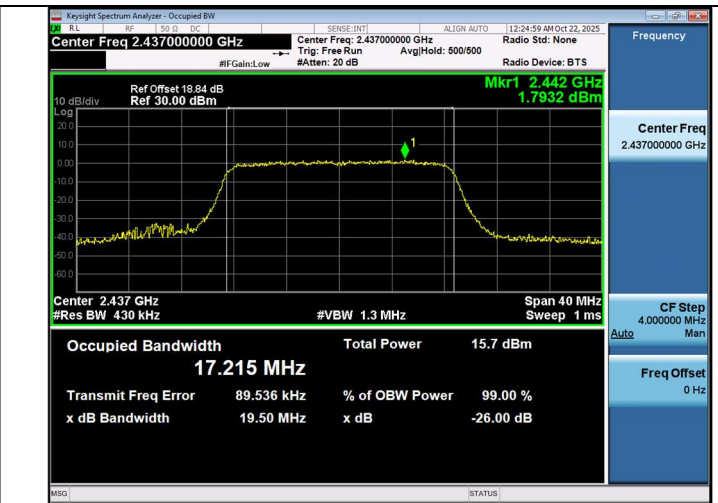
Test Report No.: EFGX25100120-IE-02-E02

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

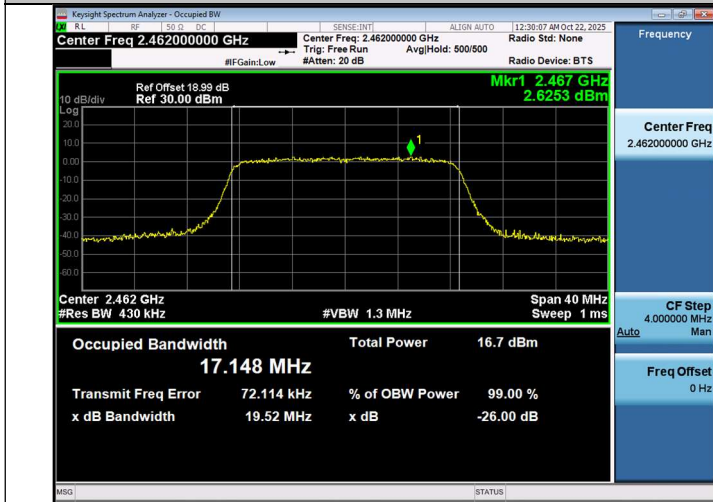
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11N20SISO-Ant1-2412



11N20SISO-Ant1-2437



11N20SISO-Ant1-2462

Appendix D: Maximum conducted output power

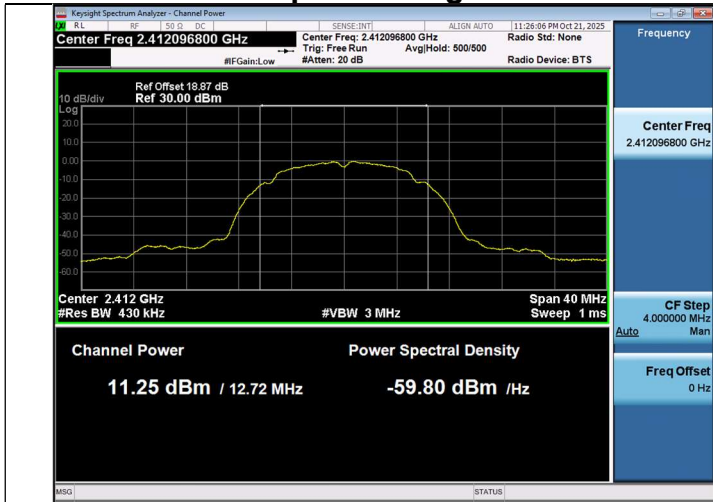
Test Result Average

Test Mode	Antenna	Frequency [MHz]	Average power [dBm]	Duty Cycle [%]	DC Factor [dBm]	Result [dBm]	Limit [dBm]	Gain [dBi]	EIRP [dBm]	EIRP Limit [dBm]	Verdict
11B	Ant1	2412	11.25	100.00	0.00	11.25	≤30.00	2.10	13.35	≤36.00	PASS
11B	Ant1	2437	11.72	100.00	0.00	11.72	≤30.00	2.10	13.82	≤36.00	PASS
11B	Ant1	2462	11.90	100.00	0.00	11.90	≤30.00	2.10	14.00	≤36.00	PASS
11G	Ant1	2412	9.87	99.46	0.02	9.89	≤30.00	2.10	11.99	≤36.00	PASS
11G	Ant1	2437	10.20	99.46	0.02	10.22	≤30.00	2.10	12.32	≤36.00	PASS
11G	Ant1	2462	10.96	99.64	0.02	10.98	≤30.00	2.10	13.08	≤36.00	PASS
11N20SISO	Ant1	2412	8.76	99.41	0.03	8.79	≤30.00	2.10	10.89	≤36.00	PASS
11N20SISO	Ant1	2437	8.83	99.41	0.03	8.86	≤30.00	2.10	10.96	≤36.00	PASS
11N20SISO	Ant1	2462	9.82	99.61	0.02	9.84	≤30.00	2.10	11.94	≤36.00	PASS

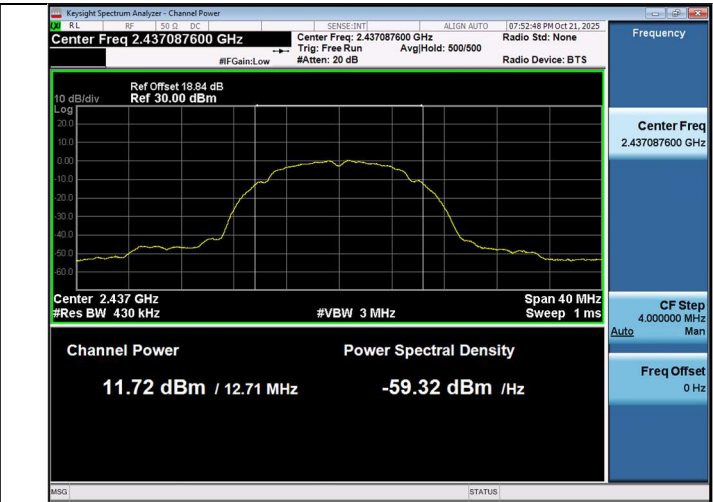
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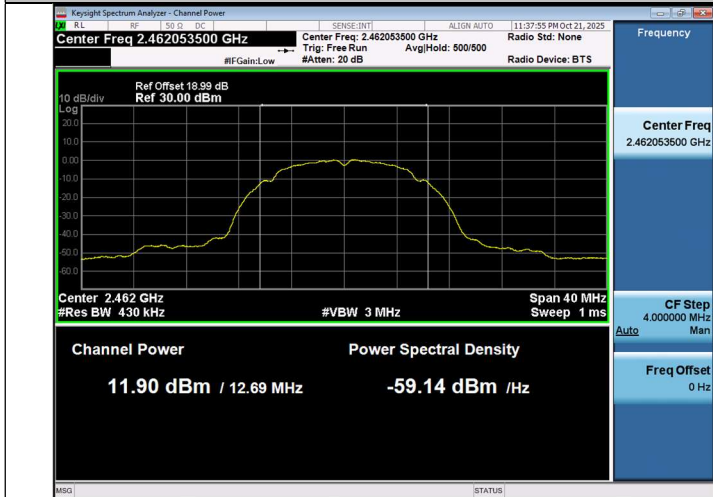
Test Graphs Average



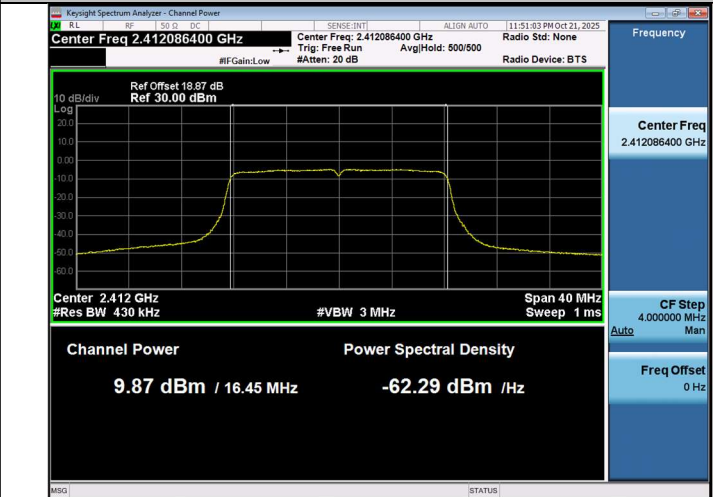
11B-Ant1-2412-PASS



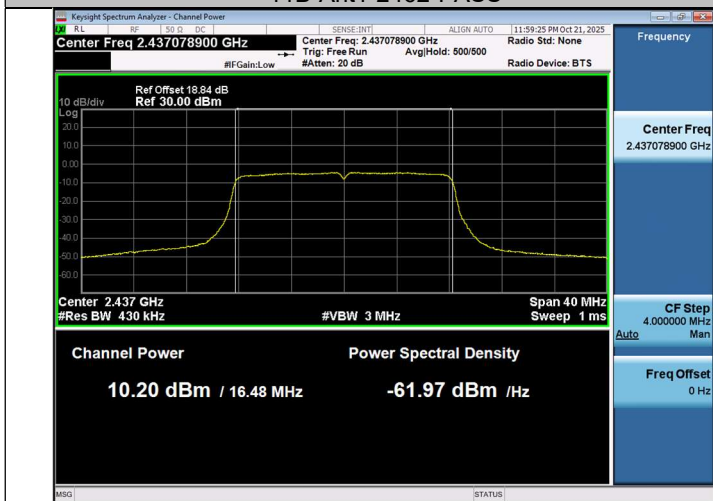
11B-Ant1-2437-PASS



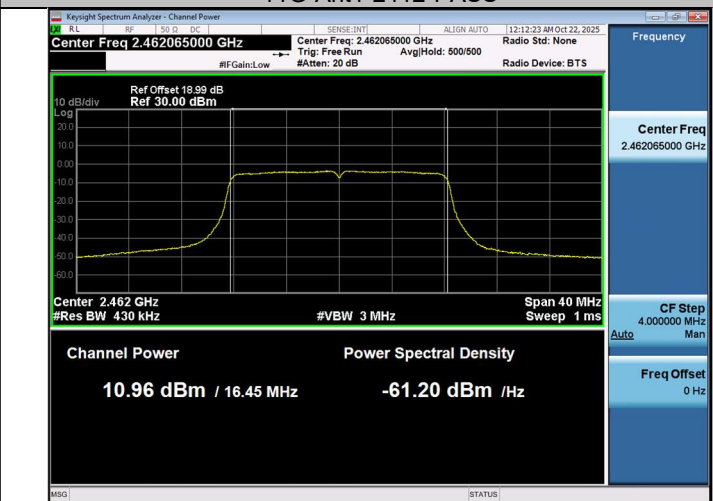
11B-Ant1-2462-PASS



11G-Ant1-2412-PASS



11G-Ant1-2437-PASS

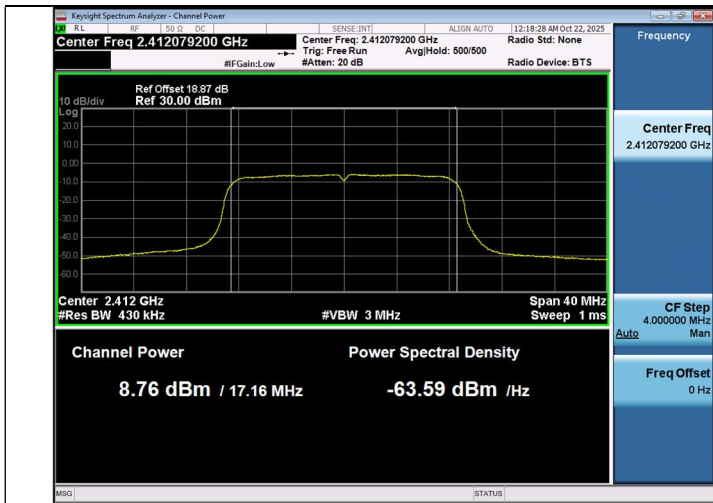


11G-Ant1-2462-PASS

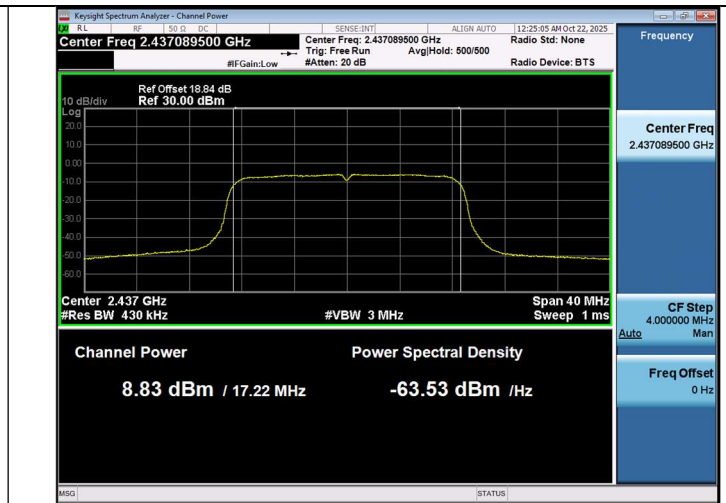
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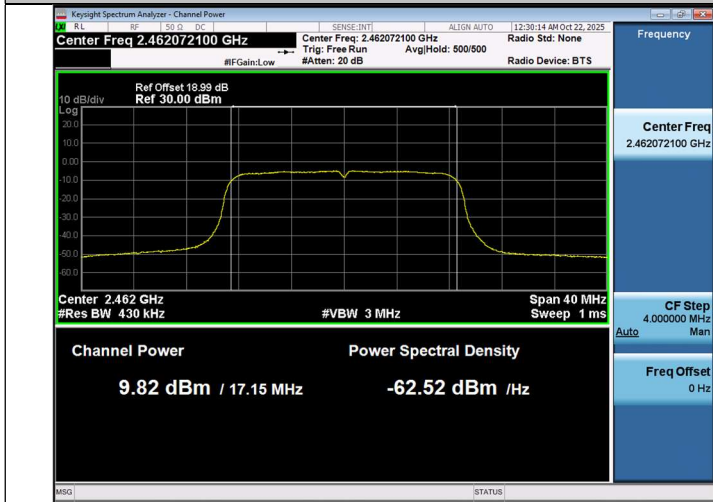
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11N20SISO-Ant1-2412-PASS



11N20SISO-Ant1-2437-PASS



11N20SISO-Ant1-2462-PASS

Appendix E: Maximum power spectral density

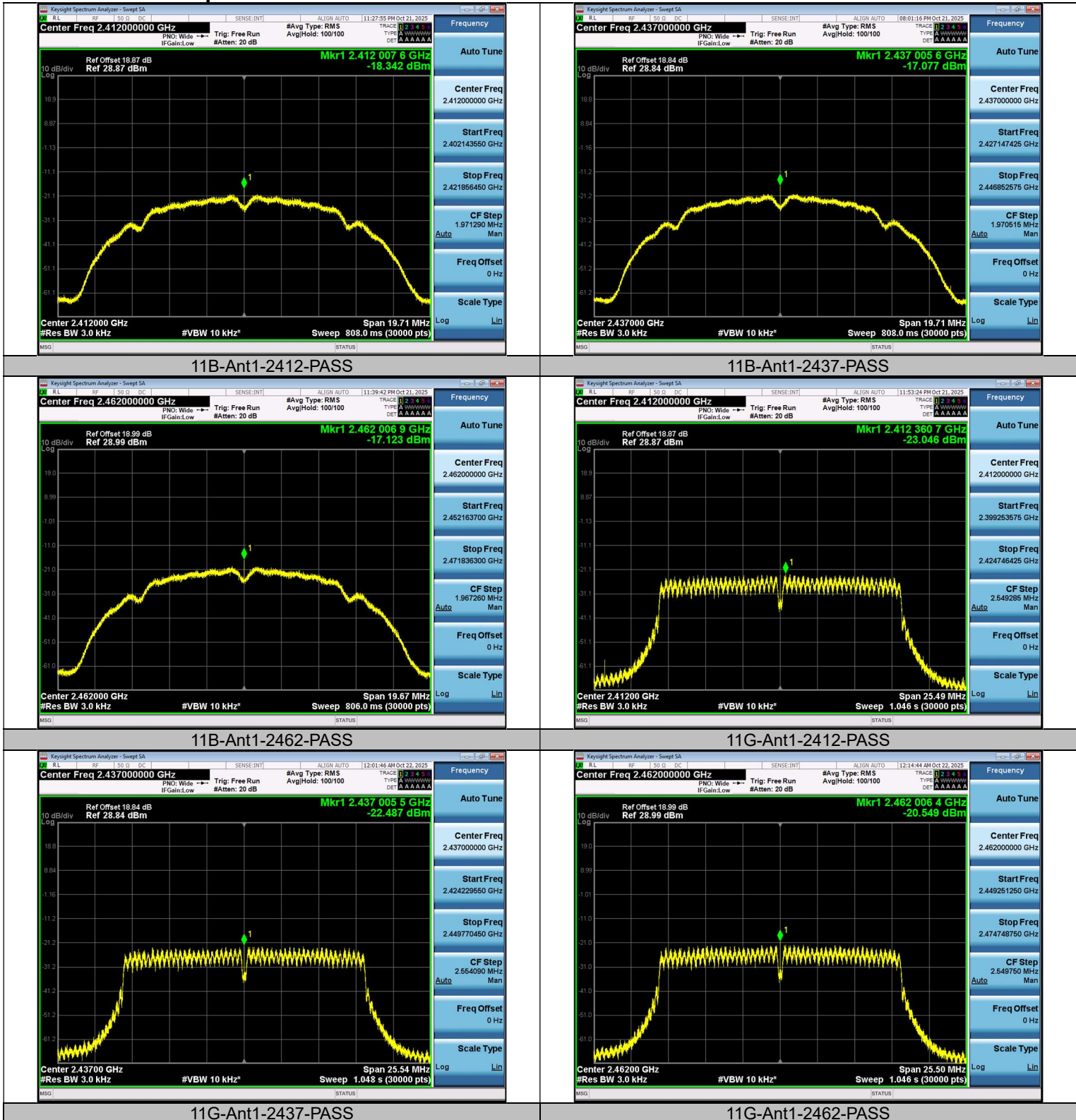
Test Result

TestMode	Antenna	Frequency[MHz]	Result[dBm/3-100kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant1	2412	-18.34	≤8.00	PASS
11B	Ant1	2437	-17.08	≤8.00	PASS
11B	Ant1	2462	-17.12	≤8.00	PASS
11G	Ant1	2412	-23.03	≤8.00	PASS
11G	Ant1	2437	-22.47	≤8.00	PASS
11G	Ant1	2462	-20.53	≤8.00	PASS
11N20SISO	Ant1	2412	-22.99	≤8.00	PASS
11N20SISO	Ant1	2437	-23.94	≤8.00	PASS
11N20SISO	Ant1	2462	-22.40	≤8.00	PASS

Test Report No.: EFGX25100120-IE-02-E02

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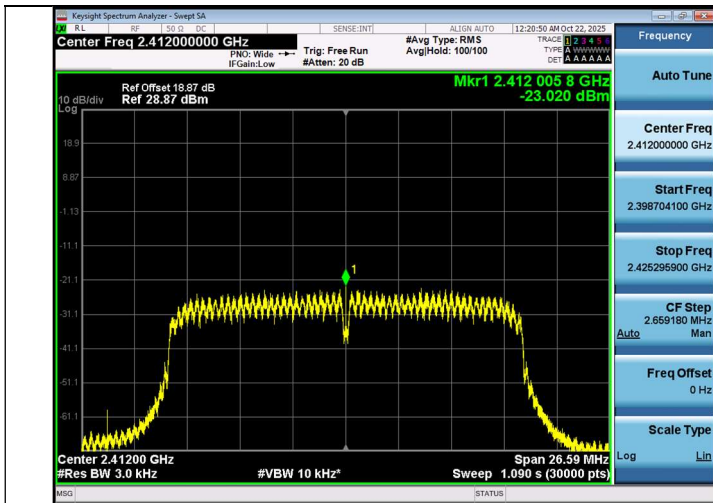
Test Graphs



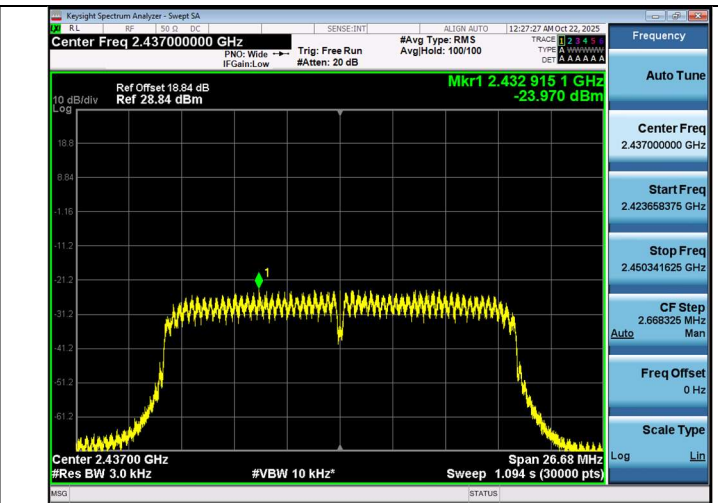
Test Report No.: EFGX25100120-IE-02-E02

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

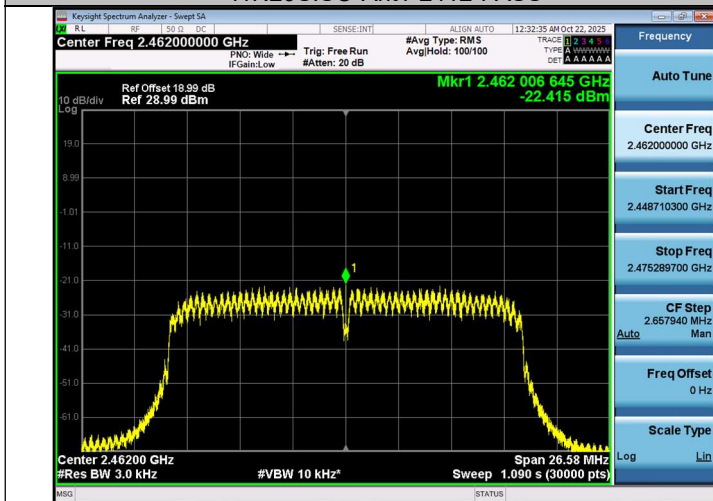
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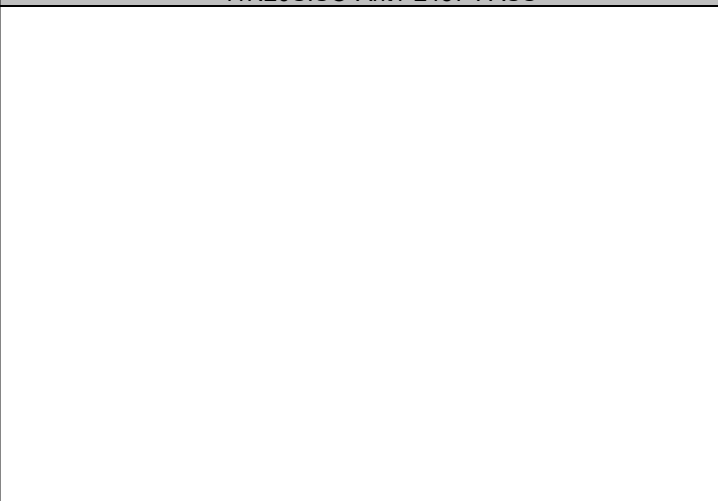
11N20SISO-Ant1-2412-PASS



11N20SISO-Ant1-2437-PASS



11N20SISO-Ant1-2462-PASS



11N20SISO-Ant1-2437-PASS

Test Report No.: EFGX25100120-IE-02-E02

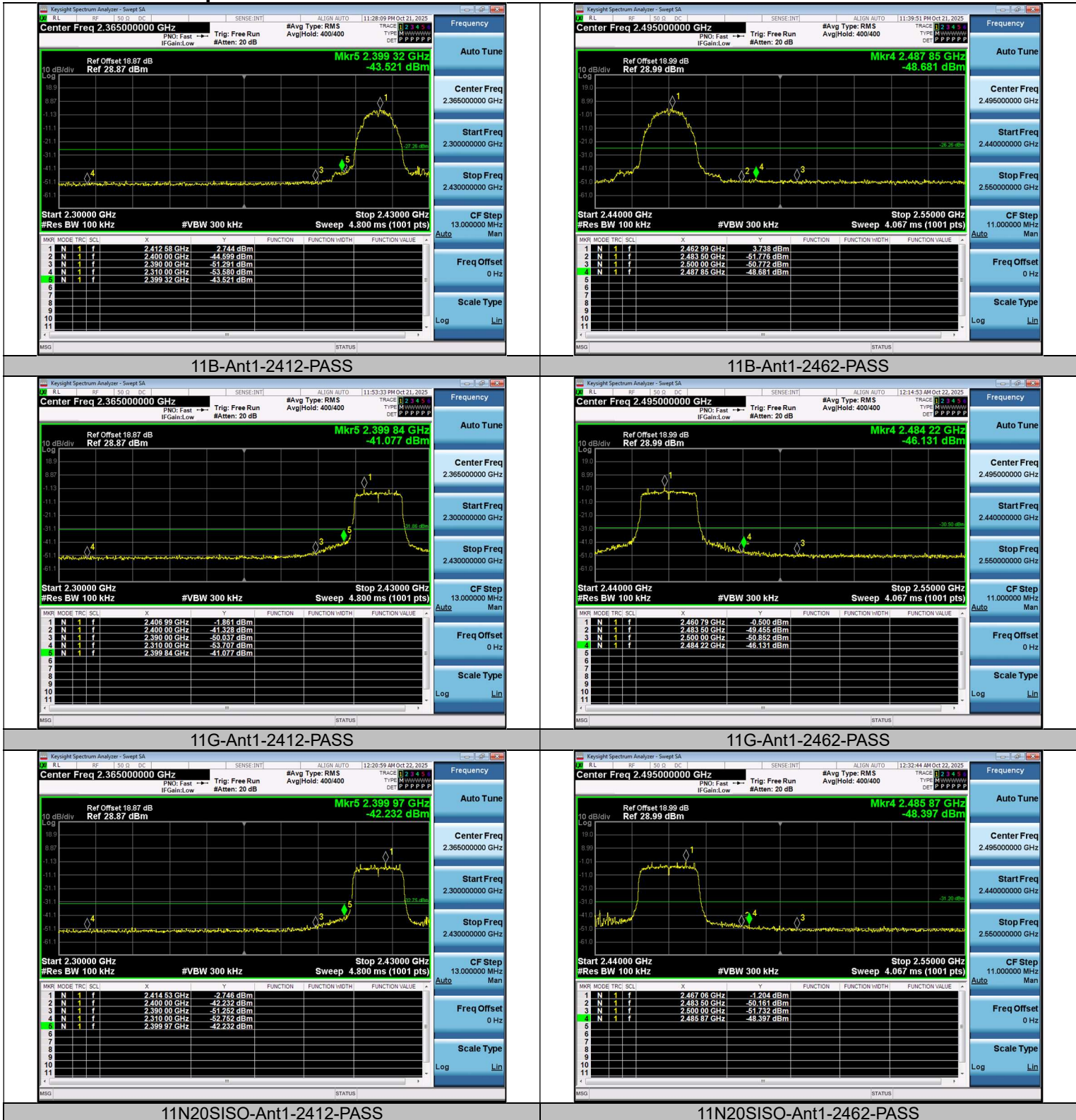
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Appendix F: Band edge measurements

Test Result

TestMode	Antenna	ChName	Frequency[MHz]	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	Low	2412	2.74	-43.52	≤-27.26	PASS
11B	Ant1	High	2462	3.74	-48.68	≤-26.26	PASS
11G	Ant1	Low	2412	-1.86	-41.08	≤-31.86	PASS
11G	Ant1	High	2462	-0.50	-46.13	≤-30.5	PASS
11N20SISO	Ant1	Low	2412	-2.75	-42.23	≤-32.75	PASS
11N20SISO	Ant1	High	2462	-1.20	-48.4	≤-31.2	PASS

Test Graphs



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