

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

RADIO TEST - REPORT

FCC Compliance Test Report for

Product name: smart watch

Model name: Y13

FCC ID: 2BO44-Y13A

Test Report Number: EFGX26010180-IE-01-E04

1	General Information	3
1.1	Notes	3
1.2	Testing laboratory	4
1.3	Details of applicant	4
1.4	Details of manufacturer	4
1.5	Application details	5
1.6	Test item	5
1.7	Test standards	5
2	Technical Test	6
2.1	Summary of test results	6
2.2	Test environment	6
2.3	Measurement uncertainty	6
2.4	Test equipment utilized	7
2.5	Test mode	8
2.6	Auxiliary equipment used during test	8
2.7	Test software information	8
2.8	Test results	9
3	Test Requirements	10
3.1	AC power-line conducted emissions	10
3.2	Carrier frequency separation	11
3.3	Number of hopping frequencies	12
3.4	Time of occupancy (dwell time)	13
3.5	Output power test procedure for frequency-hopping spread-spectrum (FHSS) devices	14
3.6	20dB bandwidth	15
3.7	Conducted spurious emissions & Band-edges	16
3.8	Radiated emissions	17
	Appendix A: AC power-line conducted emissions	20
	Appendix B: 20dB Emission Bandwidth	24
	Appendix C: Maximum conducted output power	27
	Appendix D: Carrier frequency separation	30
	Appendix E: Time of occupancy	32
	Appendix F: Number of hopping channels	36
	Appendix G: Band edge measurements	38
	Appendix H: Conducted Spurious Emission	41
	Appendix I: Duty Cycle	47
	Appendix J: Emissions in Restricted Bands	50

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

2026-02-26

Bruce Zheng / Project Engineer



Date	Eurofins-Lab.	Name / Title	Signature
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Technical responsibility for area of testing:

2026-02-26

Albert Xu / EMC Manager



Date	Eurofins-Lab.	Name / Title	Signature
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Test Report No.: EFGX26010180-IE-01-E04

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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

Telephone : +86-755-82911867

Fax : +86-755-82910749

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	:	Shenzhen Shanyun Audio Technology Co., Ltd.
Address	:	Nanshan District E-commerce Innovation Service Base, Room A603, Building G. Shekou United Industrial Village, Nanshan District, Shenzhen. Guangdong, China
Telephone	:	./.
Fax	:	./.

1.4 Details of manufacturer

Name	:	Shenzhen Shanyun Audio Technology Co., Ltd.
Address	:	Nanshan District E-commerce Innovation Service Base, Room A603, Building G. Shekou United Industrial Village, Nanshan District, Shenzhen. Guangdong, China
Telephone	:	./.
Fax	:	./.

1.5 Application details

Date of receipt of application : 2026-01-09
 Date of receipt of test item : 2026-01-09
 Date of test : 2026-01-09 to 2026-02-14
 Date of issue : 2026-02-26

1.6 Test item

Product type : smart watch
 Primary test model : Y13
 Supplementary model(s) : Z66, Z81, Z88, Z90, G22, G23, A6, Z60, Z68, Z69, Z78, Z89, G21, G20, G9, G20 pro, G28, z2plus, GTS4pro, L21pro, HW20, T2pro, G21, NK36, P98, G20, Z80, Z89, G20, GT2, Watch4pro, G20 pro, HW22
 Brand name : ./.
 Technical Description : Input: DC 5.0V
 (Supplied by Type-C or 3.7VDC, 180mAh, 0.666Wh build-in Rechargeable Battery)
 Sample Code : 260112-05-001; 260112-05-002; 260112-05-009; 260119-37-001; 260119-37-002
 Additional information : The above models share the same motherboard and are divided into two variants: square and round. The Y13 is selected as the primary test model for square variants, while the Watch4 Pro is chosen for round variants to conduct difference testing.

RadioTechnical data

Fundamental frequency : 2400-2483.5 MHz
 Radio Tech. : BT-BR, BT-EDR
 Modulation : GFSK, $\pi/4$ DQPSK, 8-DPSK
 Antenna Type : Internal Antenna
 MaxGain : 0 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 appli-cant's commercial information and technical documents.)

1.7 Test standards

FCC Part 15 Subpart C	PART 15 - RADIO FREQUENCY DEVICES Subpart C - Intentional Radiators
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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

Atmospheric Pressure	Temperature °C	Relative Humidity
101.6 kPa	22.8	57.4%

RF Conducted

Atmospheric Pressure	Temperature °C	Relative Humidity
101.6 kPa	22.9	60.1%

Radiated

Atmospheric Pressure	Temperature °C	Relative Humidity
101.6 kPa	23.1	57.1%

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 for AC 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

Mode 1	Fixed-Frequency Continuous Transmission Mode (GFSK)
Mode 2	Fixed-Frequency Continuous Transmission Mode ($\pi/4$ DQPSK)
Mode 3	Fixed-Frequency Continuous Transmission Mode (8-DPSK)
Mode 4	Normal operation Mode

Channel	Frequency	Channel	Frequency	Channel	Frequency	Channel	Frequency
0	2402	20	2422	40	2442	60	2462
1	2403	21	2423	41	2443	61	2463
2	2404	22	2424	42	2444	62	2464
3	2405	23	2425	43	2445	63	2465
4	2406	24	2426	44	2446	64	2466
5	2407	25	2427	45	2447	65	2467
6	2408	26	2428	46	2448	66	2468
7	2409	27	2429	47	2449	67	2469
8	2410	28	2430	48	2450	68	2470
9	2411	29	2431	49	2451	69	2471
10	2412	30	2432	50	2452	70	2472
11	2413	31	2433	51	2453	71	2473
12	2414	32	2434	52	2454	72	2474
13	2415	33	2435	53	2455	73	2475
14	2416	34	2436	54	2456	74	2476
15	2417	35	2437	55	2457	75	2477
16	2418	36	2438	56	2458	76	2478
17	2419	37	2439	57	2459	77	2479
18	2420	38	2440	58	2460	78	2480
19	2421	39	2441	59	2461	--	--

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	bt_tool_v1.1.2
Mode	Power setting
GFSK	4
$\pi/4$ DQPSK	4
8-DPSK	4

Test Report No.: EFGX26010180-IE-01-E04

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2.8 Test results

☒ 1st test

☐ test after modification

☐ production test

FCC rule section(s)		Test Result	Verdict
§15.203	Antenna requirement	See note 1	Pass
§15.207	AC power-line conducted emissions	Appendix A	Pass
§15.247(a)(1)	Carrier frequency separation	Appendix D	Pass
§15.247(a)(1)(iii)	Number of hopping frequencies	Appendix F	Pass
§15.247(a)(1)(iii)	Time of occupancy (dwell time)	Appendix E	Pass
§15.247(b)(1)	Output power test procedure for frequency-hopping spread-spectrum (FHSS) devices	Appendix C	Pass
§15.247(a)(1)	20dB bandwidth	Appendix B	Pass
§15.247(d)	Conducted spurious emissions & Band-edges	Appendix G Appendix H	Pass
§15.205 §15.209	Radiated emissions	Appendix J	Pass
--	Duty cycle	Appendix I	--

Note 1: The antenna is internal permanently integrated into the PCB structure. It is non-removable and does not utilize any standard antenna connector, thereby complying with FCC §15.203 requirements.

3 Test Requirements

3.1 AC power-line conducted emissions

3.1.1 Limits

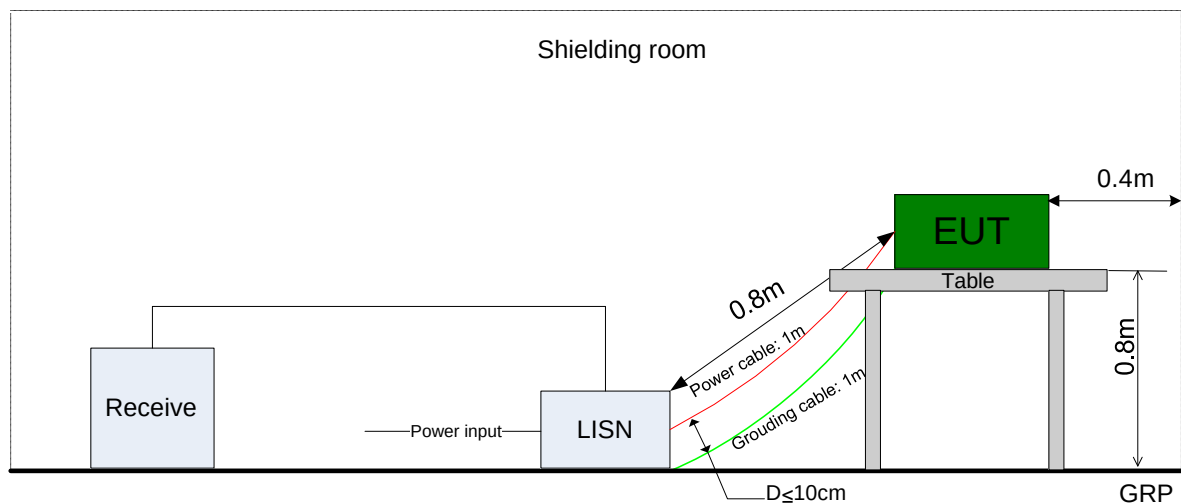
Frequency (MHz)	Conducted limit (dB μ V)	
	Quasi-peak	Average
0.15 - 0.5	66 to 56 ¹	56 to 46 ¹
0.5 – 5	56	46
5 – 30	60	50

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 Carrier frequency separation

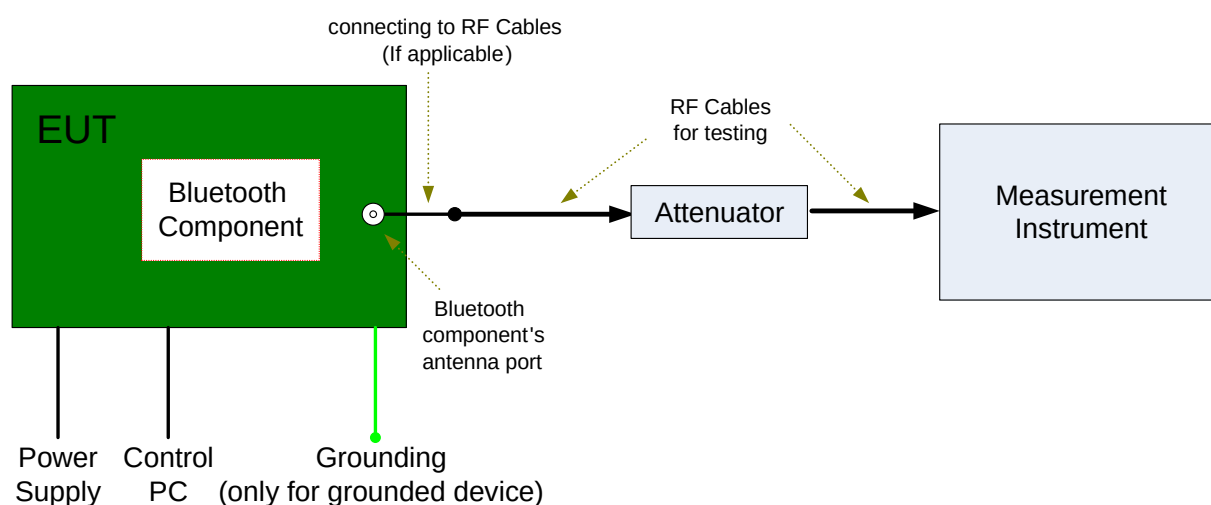
3.2.1 Limits

Frequency hopping systems operating in the 2400-2483.5 mhz band may have hopping channel carrier frequencies that are separated by 25 khz or two-thirds of the 20 db bandwidth of the hopping channel, whichever is greater.

3.2.2 Measurement procedure

Clause 7.8.2 of ANSI C63.10-2020.

3.2.3 Setup



3.3 Number of hopping frequencies

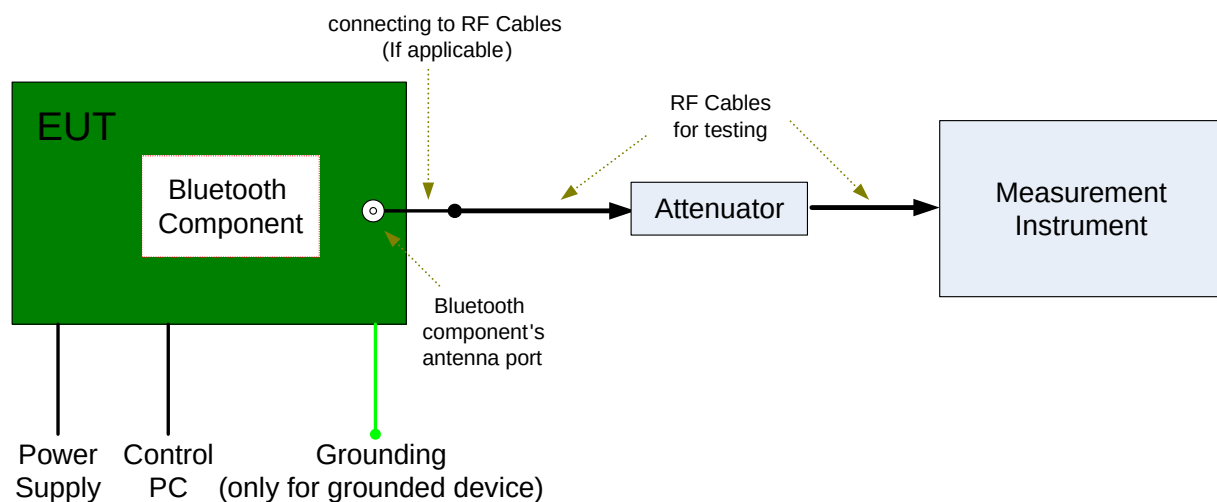
3.3.1 Limits

Frequency hopping systems in the 2400-2483.5 MHz band shall use at least 15 channels.

3.3.2 Measurement procedure

Clause 7.8.3 of *ANSI C63.10-2020*.

3.3.3 Setup



3.4 Time of occupancy (dwell time)

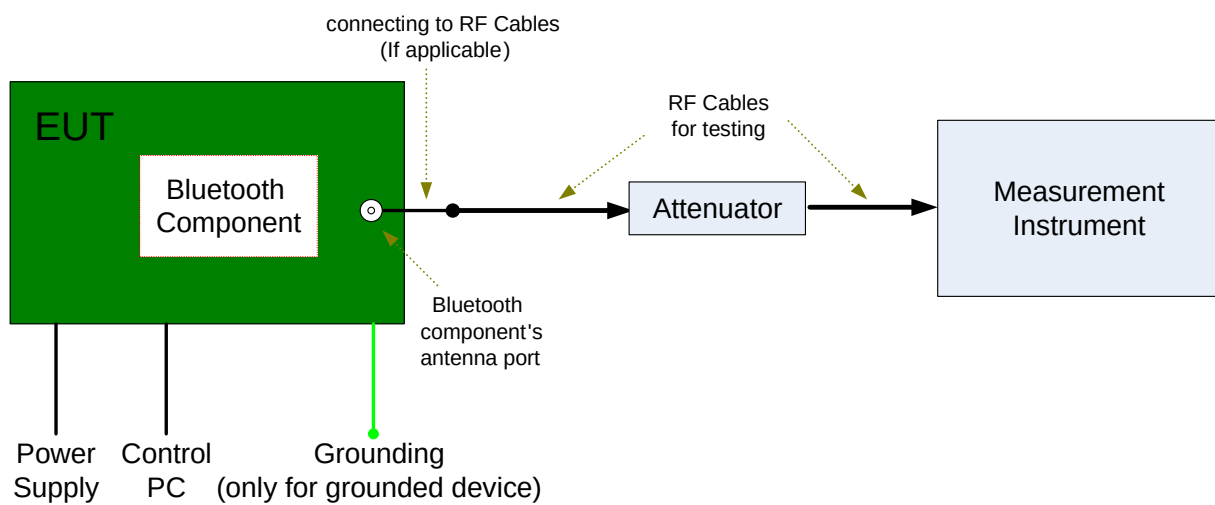
3.4.1 Limits

The average time of occupancy on any channel shall not be greater than 0.4 seconds within a period of 0.4 seconds multiplied by the number of hopping channels employed.

3.4.2 Measurement procedure

Clause 7.8.4 of ANSI C63.10-2020.

3.4.3 Setup



3.5 Output power test procedure for frequency-hopping spread-spectrum (FHSS) devices

3.5.1 Limits

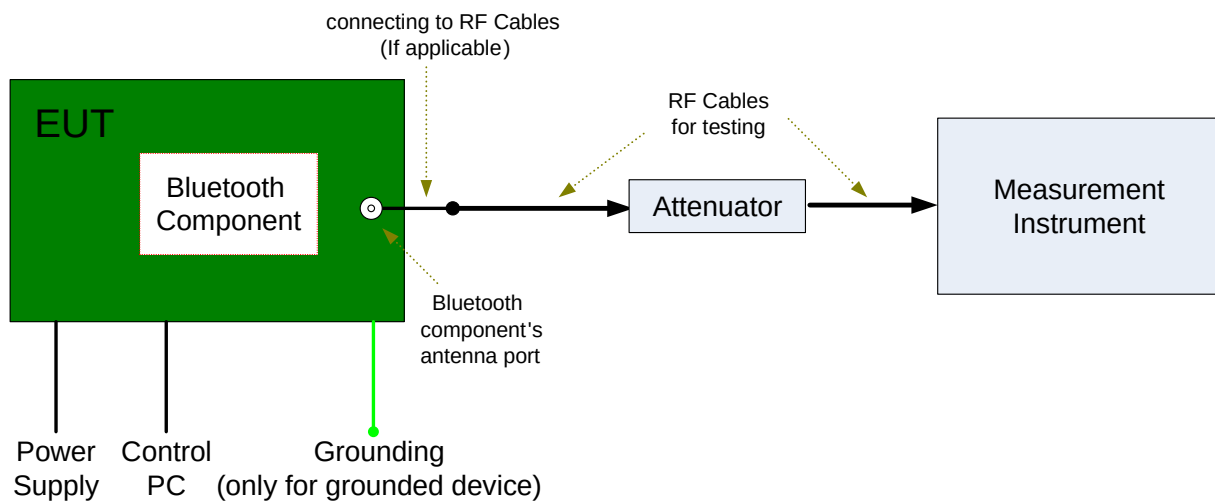
For DTS operating in the band 2400-2483.5 MHz, the maximum peak conducted output power shall not exceed 1W, and the e.i.r.p. shall not exceed 4 W.

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

3.5.2 Measurement procedure

Clause 7.8.5 of *ANSI C63.10-2020*.

3.5.3 Setup



3.6 20dB bandwidth

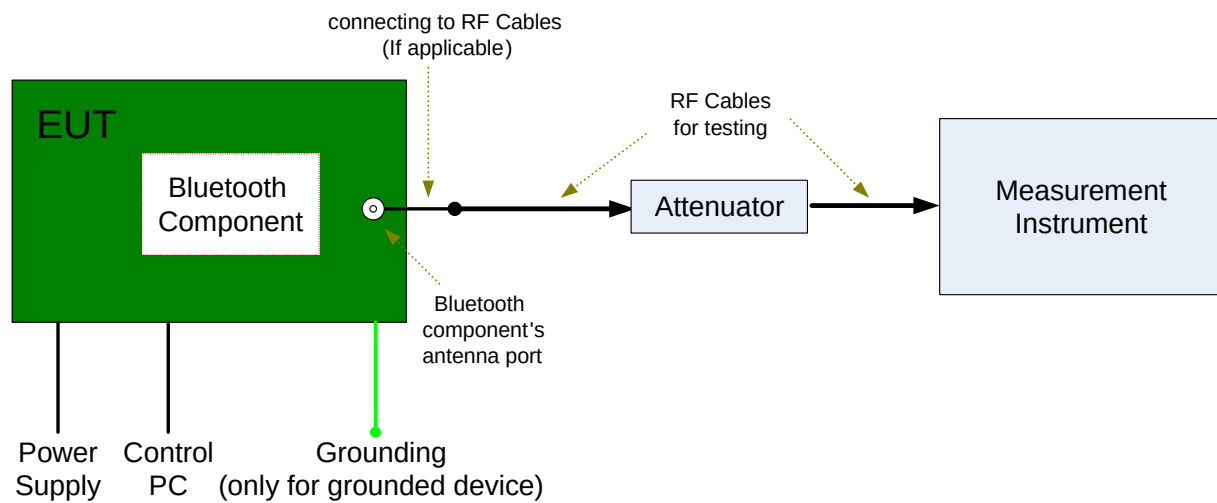
3.6.1 Limits

None; for reporting purposes only.

3.6.2 Measurement procedure

Clause 6.9.3 of *ANSI C63.10-2020*.

3.6.3 Setup



3.7 Conducted spurious emissions & Band-edges

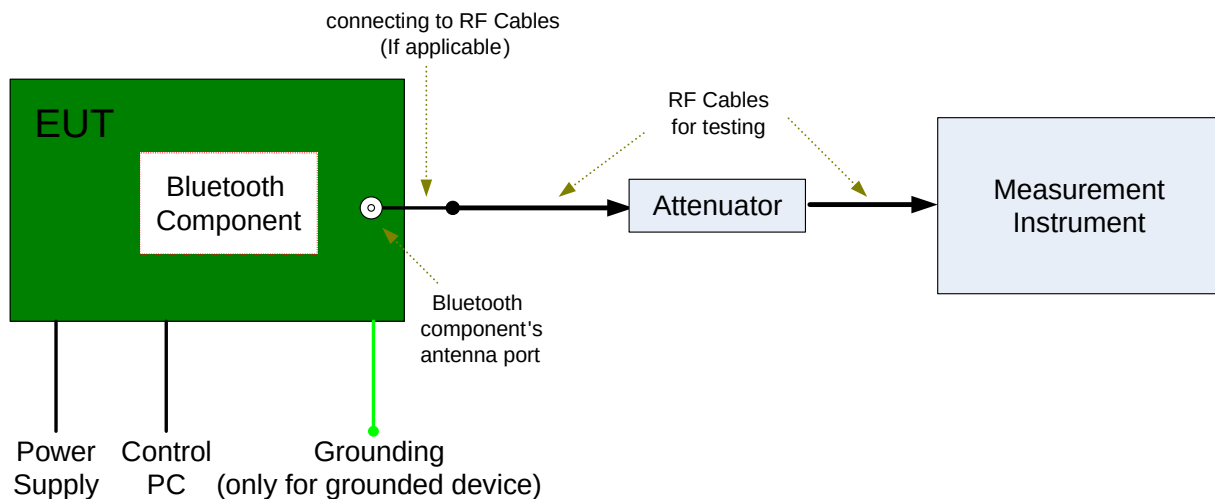
3.7.1 Limits

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.

3.7.2 Measurement procedure

Clause 7.8.7 of ANSI C63.10-2020.

3.7.3 Setup



3.8 Radiated emissions

3.8.1 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

3.8.2 Measurement procedure

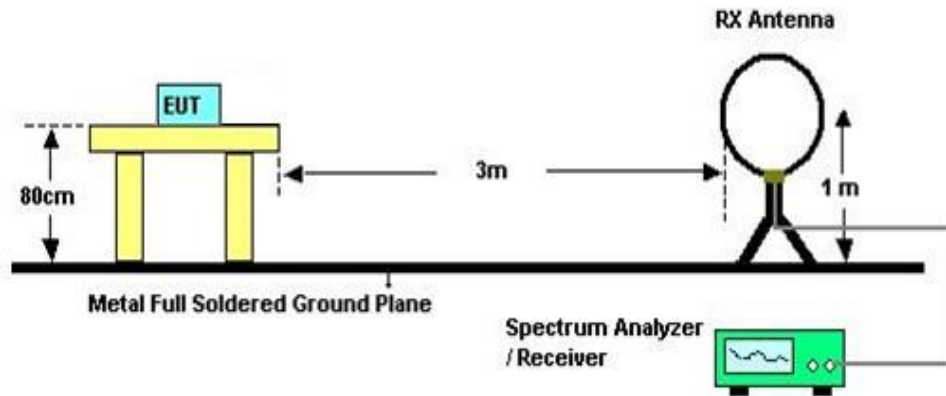
Clause 6.3, 6.5, 6.6 and 7.8.8 of ANSI C63.10-2020.

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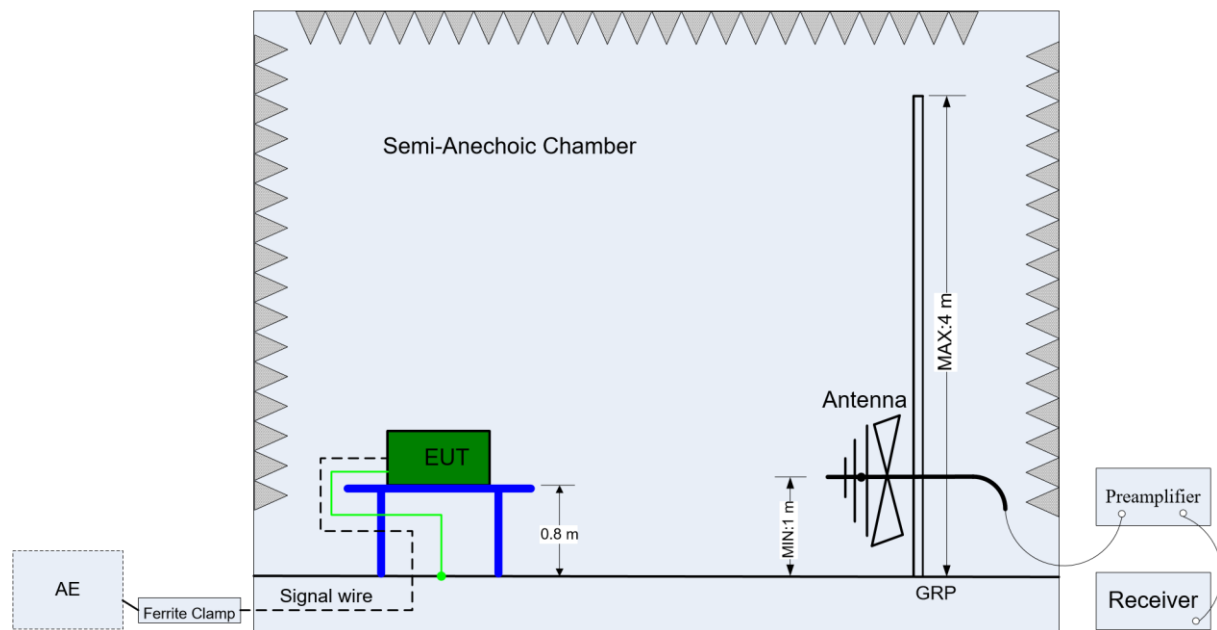
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3.8.3 Setup

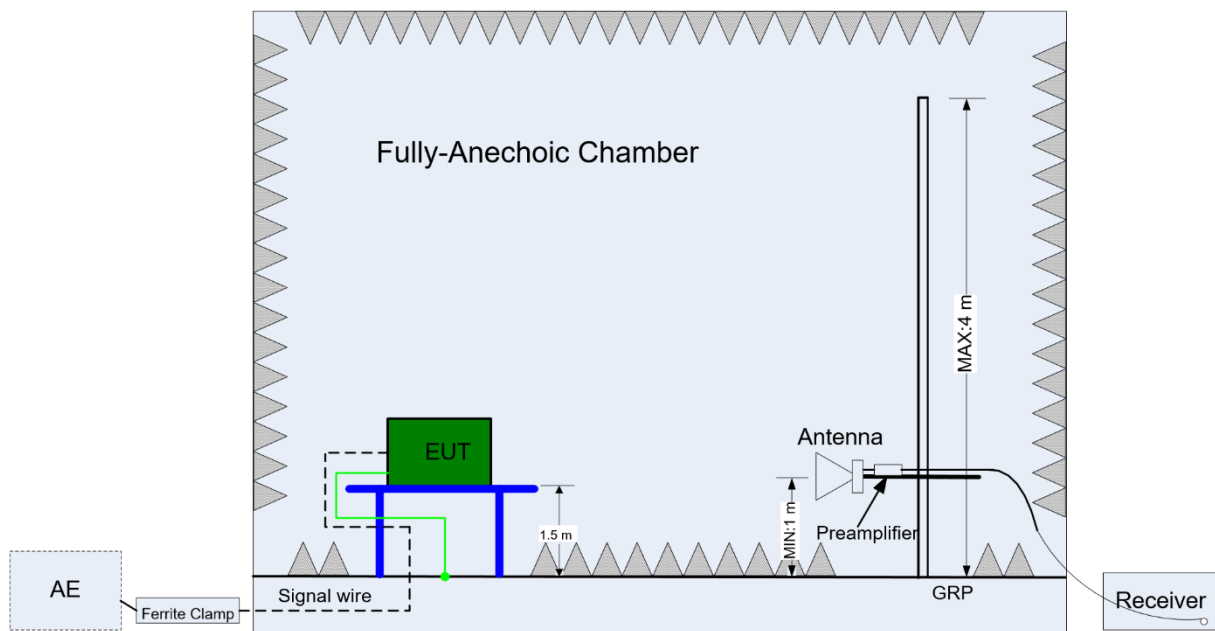
Below 30MHz



Below 1GHz



Above 1GHz



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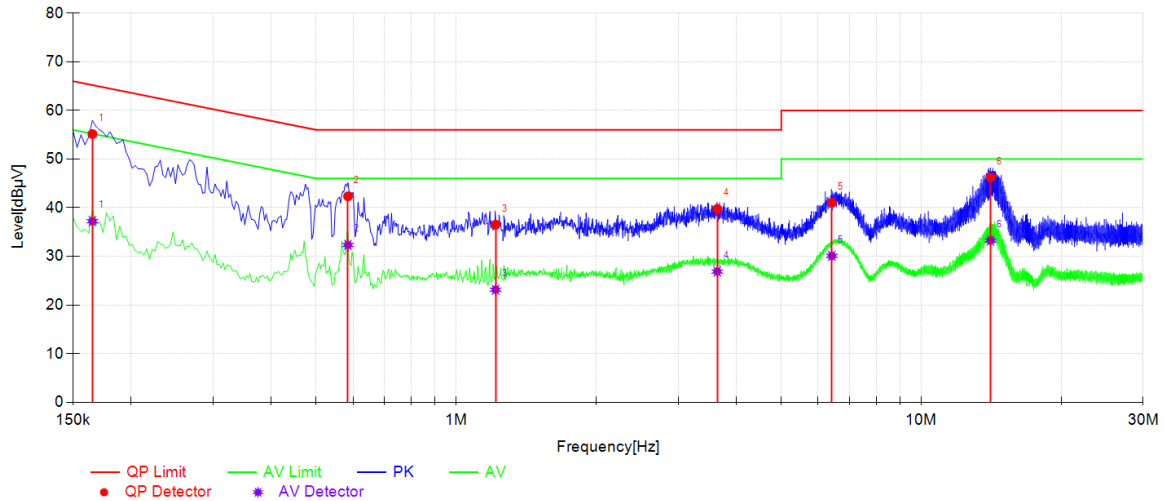
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Appendix A: AC power-line conducted emissions Y13 measurement

Mode:	Normal operation	Channel:	/
Antenna:	/	State:	/

Start of Test: 2026-02-06 11:00:09

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	0.165	10.28	55.15	65.21	10.06	37.23	55.21	17.98	L1	PASS
2	0.585	10.25	42.35	56.00	13.65	32.35	46.00	13.65	L1	PASS
3	1.215	10.34	36.52	56.00	19.48	23.15	46.00	22.85	L1	PASS
4	3.642	10.30	39.77	56.00	16.23	26.88	46.00	19.12	L1	PASS
5	6.423	10.40	41.02	60.00	18.98	30.09	50.00	19.91	L1	PASS
6	14.101	10.54	46.25	60.00	13.75	33.25	50.00	16.75	L1	PASS

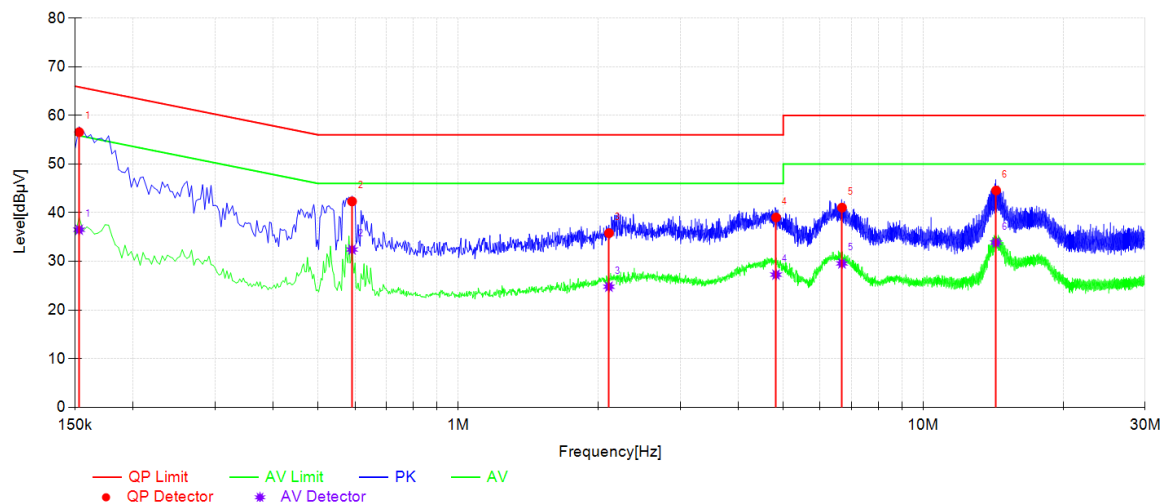
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Mode:	Normal operation	Channel:	/
Antenna:	/	State:	/

Start of Test: 2026-02-06 11:00:09

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	56.56	65.84	9.28	36.50	55.84	19.34	N	PASS
2	0.591	10.25	42.33	56.00	13.67	32.43	46.00	13.57	N	PASS
3	2.109	10.38	35.81	56.00	20.19	24.79	46.00	21.21	N	PASS
4	4.824	10.41	39.03	56.00	16.97	27.27	46.00	18.73	N	PASS
5	6.687	10.42	41.05	60.00	18.95	29.57	50.00	20.43	N	PASS
6	14.344	10.63	44.57	60.00	15.43	33.86	50.00	16.14	N	PASS

Test Report No.: EFGX26010180-IE-01-E04

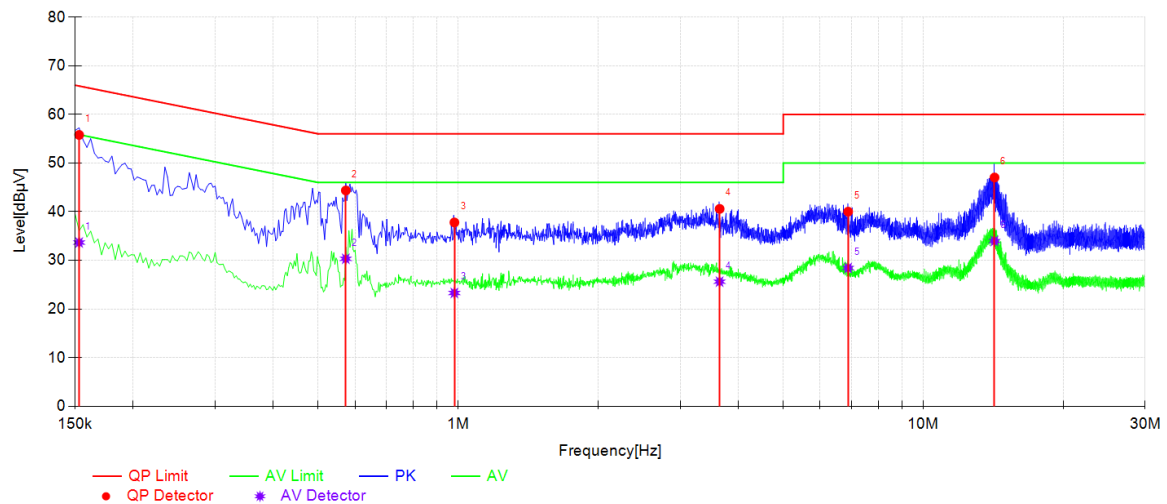
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Watch4pro measurement

Mode:	Normal operation	Channel:	/
Antenna:	/	State:	/

Start of Test: 2026-02-06 11:06:00

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	10.26	55.79	65.84	10.05	33.67	55.84	22.17	L1	PASS
2	0.573	10.25	44.37	56.00	11.63	30.32	46.00	15.68	L1	PASS
3	0.981	10.35	37.80	56.00	18.20	23.30	46.00	22.70	L1	PASS
4	3.648	10.30	40.59	56.00	15.41	25.62	46.00	20.38	L1	PASS
5	6.894	10.42	40.02	60.00	19.98	28.43	50.00	21.57	L1	PASS
6	14.233	10.54	47.04	60.00	12.96	33.98	50.00	16.02	L1	PASS

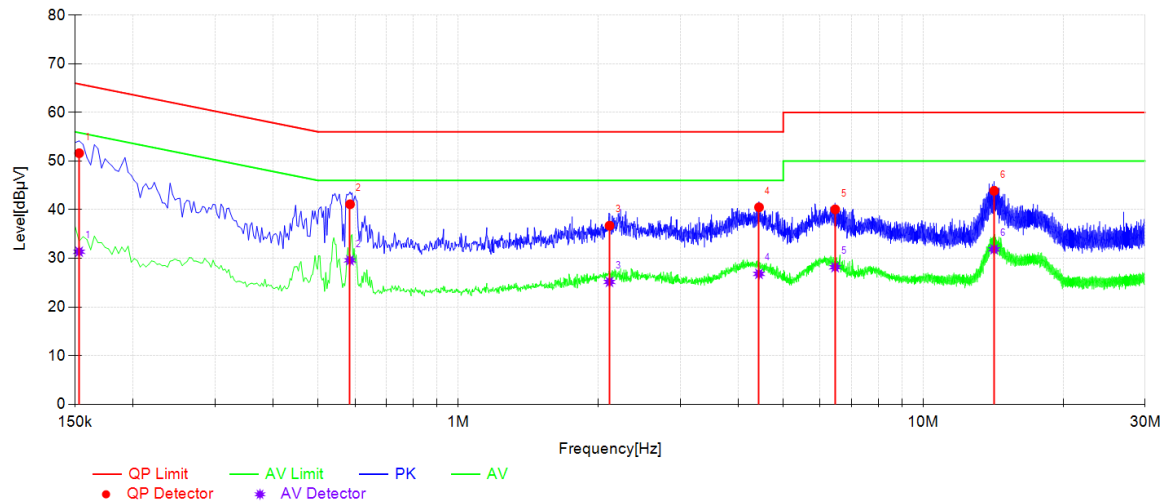
Test Report No.: EFGX26010180-IE-01-E04

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Mode:	Normal operation	Channel:	/
Antenna:	/	State:	/

Start of Test: 2026-02-06 11:06:00

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	51.62	65.84	14.22	31.37	55.84	24.47	N	PASS
2	0.585	10.25	41.12	56.00	14.88	29.61	46.00	16.39	N	PASS
3	2.115	10.38	36.72	56.00	19.28	25.16	46.00	20.84	N	PASS
4	4.434	10.40	40.50	56.00	15.50	26.82	46.00	19.18	N	PASS
5	6.465	10.42	40.07	60.00	19.93	28.18	50.00	21.82	N	PASS
6	14.203	10.62	43.89	60.00	16.11	31.85	50.00	18.15	N	PASS

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Appendix B: 20dB Emission Bandwidth

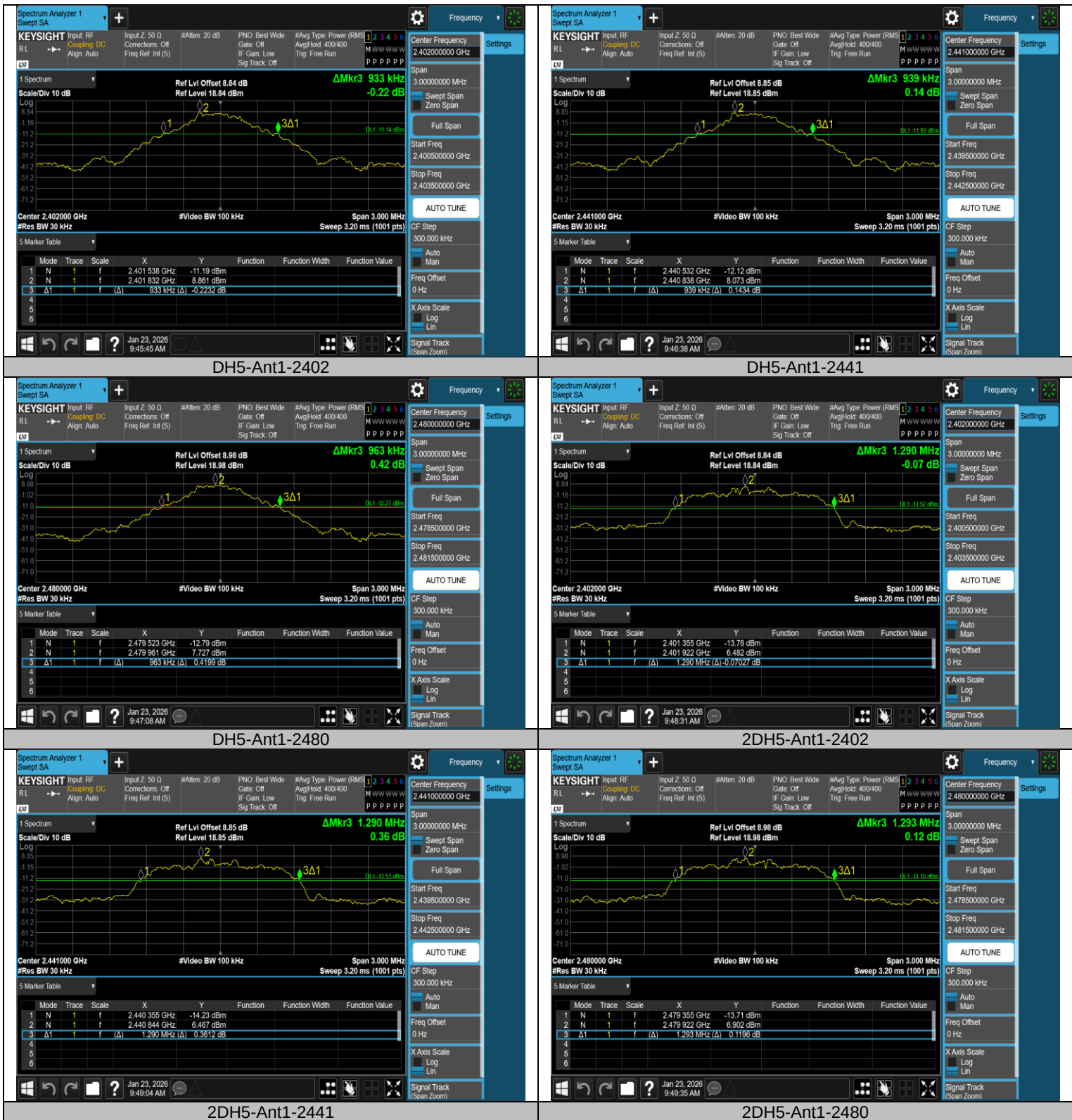
Test Result

TestMode	Antenna	Channel [MHz]	20db EBW[MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH5	Ant1	2402	0.933	2401.538	2402.471	---	---
DH5	Ant1	2441	0.939	2440.532	2441.471	---	---
DH5	Ant1	2480	0.963	2479.523	2480.486	---	---
2DH5	Ant1	2402	1.290	2401.355	2402.645	---	---
2DH5	Ant1	2441	1.290	2440.355	2441.645	---	---
2DH5	Ant1	2480	1.293	2479.355	2480.648	---	---
3DH5	Ant1	2402	1.260	2401.355	2402.615	---	---
3DH5	Ant1	2441	1.251	2440.358	2441.609	---	---
3DH5	Ant1	2480	1.263	2479.352	2480.615	---	---

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Test Graphs



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3DH5-Ant1-2402



3DH5-Ant1-2441



3DH5-Ant1-2480

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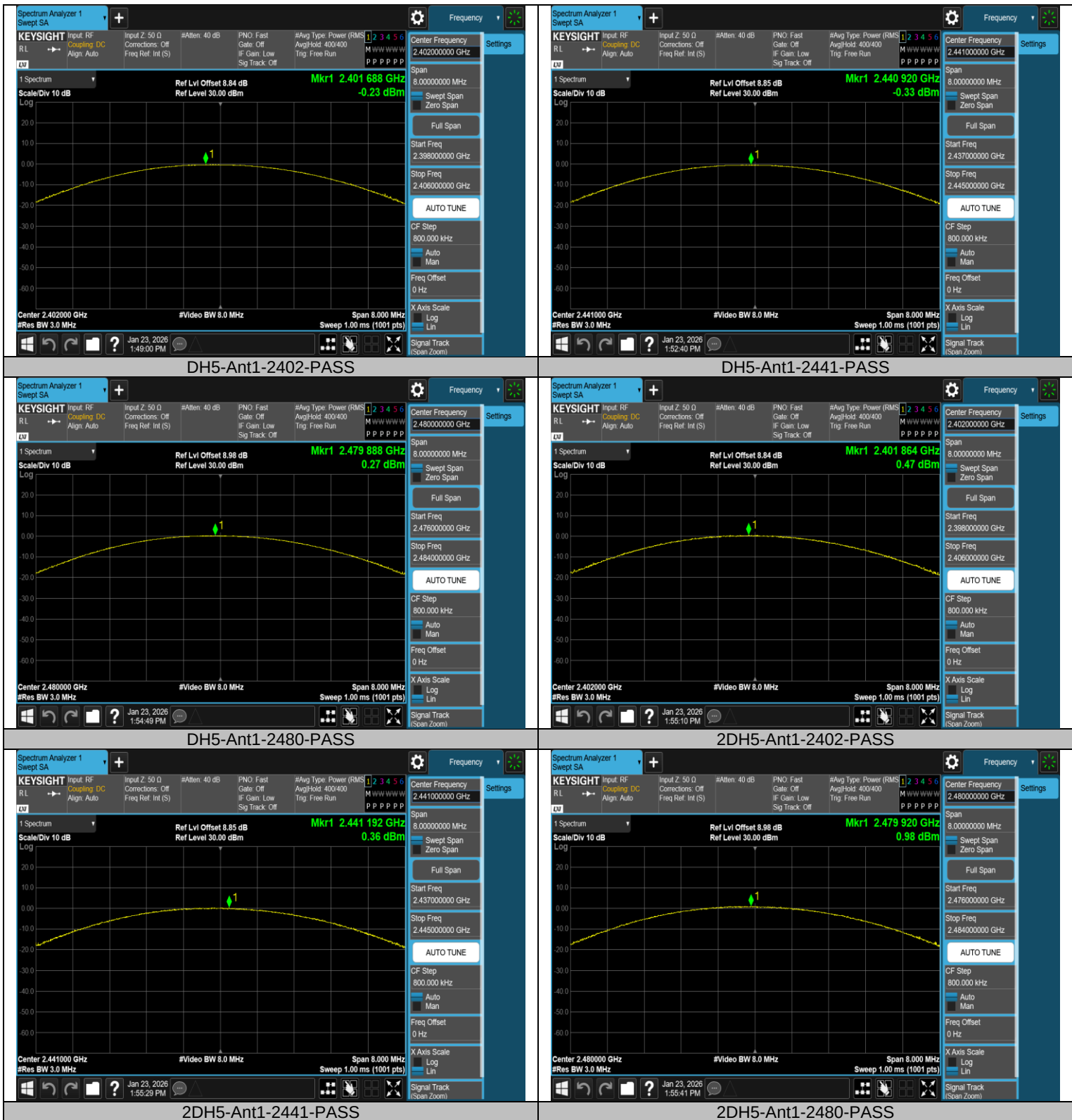
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Appendix C: Maximum conducted output power

Test Result

Test Mode	Antenna	Channel [MHz]	Conducted Power[dBm]	Conducted Limit[dBm]	EIRP [dBm]	EIRP Limit [dBm]	Verdict
DH5	Ant1	2402	-0.23	≤30	-0.23	≤36	PASS
DH5	Ant1	2441	-0.33	≤30	-0.33	≤36	PASS
DH5	Ant1	2480	0.27	≤30	0.27	≤36	PASS
2DH5	Ant1	2402	0.47	≤20.97	0.47	≤36	PASS
2DH5	Ant1	2441	0.36	≤20.97	0.36	≤36	PASS
2DH5	Ant1	2480	0.99	≤20.97	0.99	≤36	PASS
3DH5	Ant1	2402	1.18	≤20.97	1.18	≤36	PASS
3DH5	Ant1	2441	0.97	≤20.97	0.97	≤36	PASS
3DH5	Ant1	2480	1.75	≤20.97	1.75	≤36	PASS

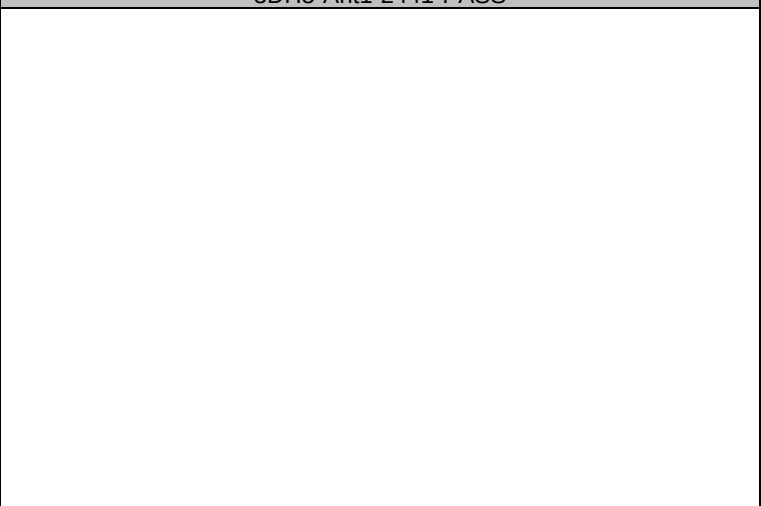
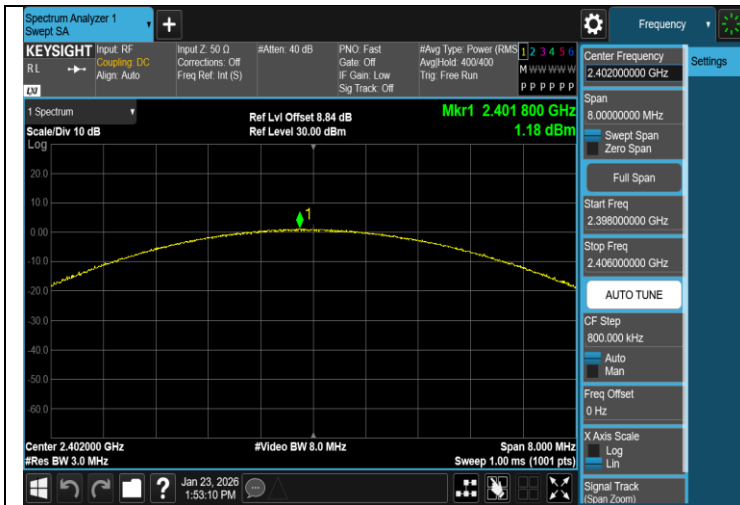
Test Graphs



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Test Report No.: EFGX26010180-IE-01-E04

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Appendix D: Carrier frequency separation

Test Result

TestMode	Antenna	Channel[MHz]	Result[MHz]	Limit[MHz]	Verdict
DH5	Ant1	Hop	0.996	≥ 0.963	PASS
2DH5	Ant1	Hop	1.002	≥ 0.862	PASS
3DH5	Ant1	Hop	1.002	≥ 0.842	PASS

Test Graphs



Test Report No.: EFGX26010180-IE-01-E04

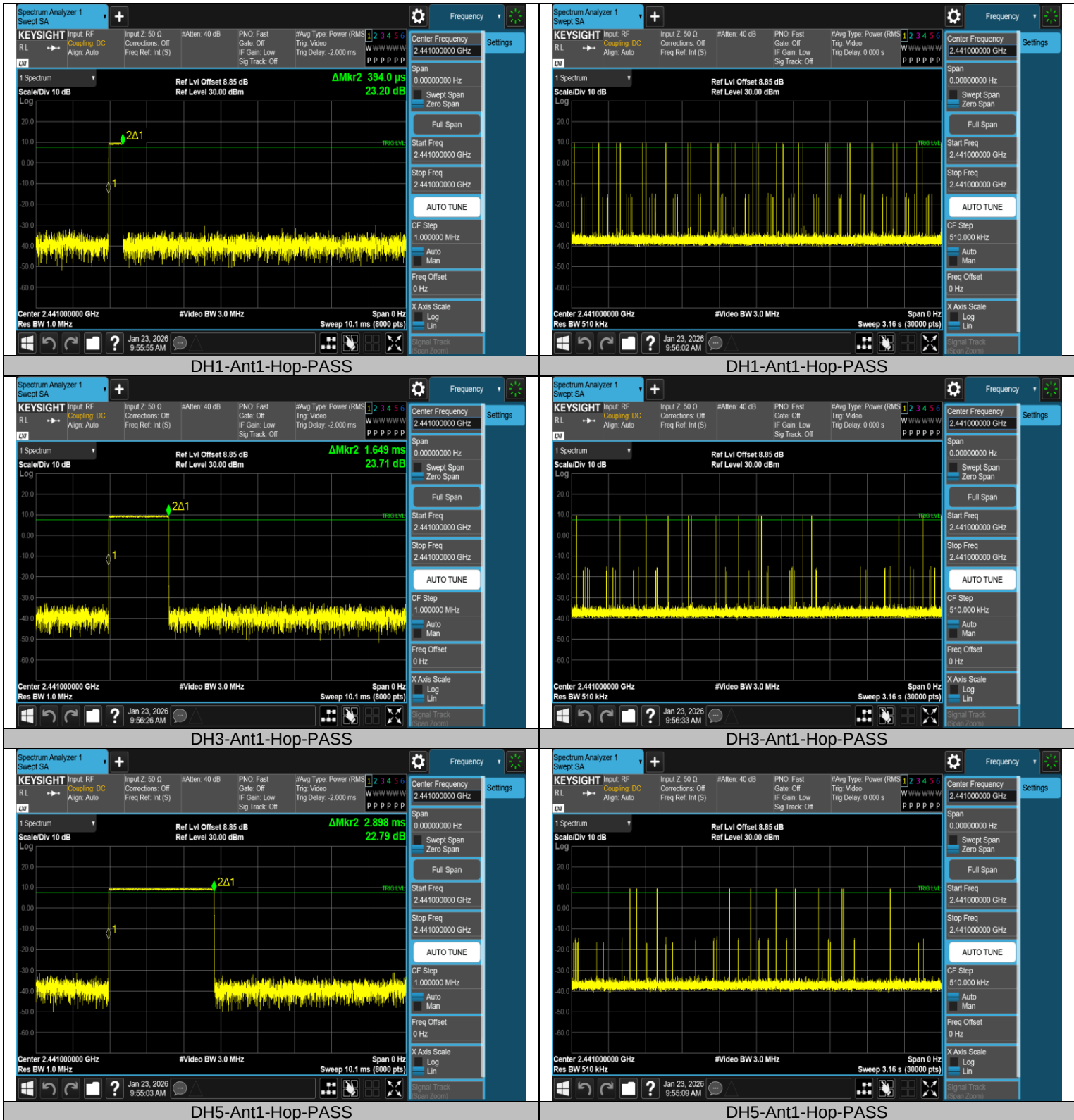
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Appendix E: Time of occupancy

Test Result

TestMode	Antenna	Channel [MHz]	BurstWidth [ms]	TotalHops [Num]	Result[s]	Limit[s]	Verdict
DH1	Ant1	Hop	0.394	330	0.13	≤0.4	PASS
DH3	Ant1	Hop	1.649	170	0.28	≤0.4	PASS
DH5	Ant1	Hop	2.898	120	0.348	≤0.4	PASS
2DH1	Ant1	Hop	0.403	320	0.129	≤0.4	PASS
2DH3	Ant1	Hop	1.654	180	0.298	≤0.4	PASS
2DH5	Ant1	Hop	2.903	100	0.29	≤0.4	PASS
3DH1	Ant1	Hop	0.404	330	0.133	≤0.4	PASS
3DH3	Ant1	Hop	1.653	150	0.248	≤0.4	PASS
3DH5	Ant1	Hop	2.906	80	0.232	≤0.4	PASS

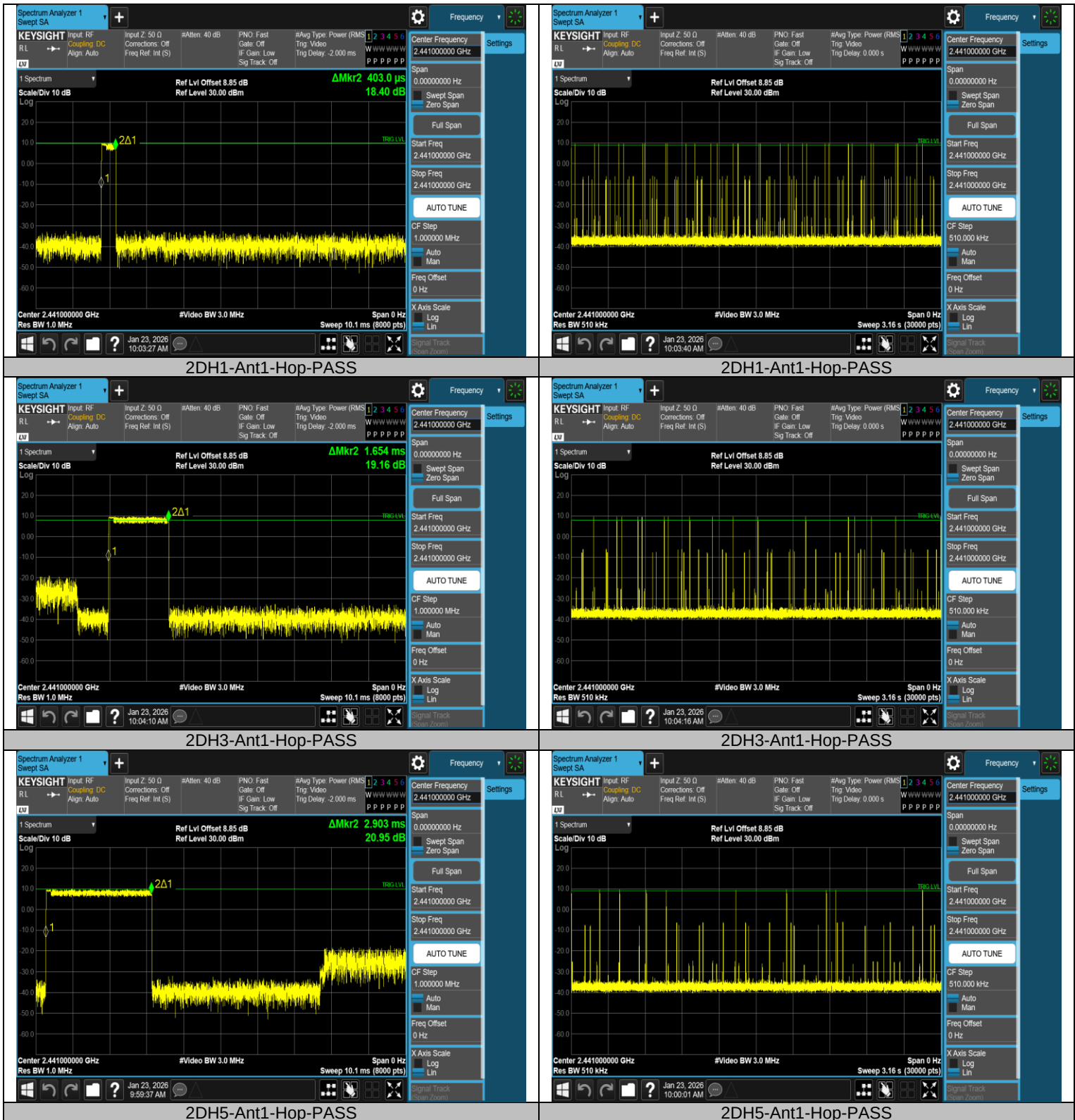
Test Graphs



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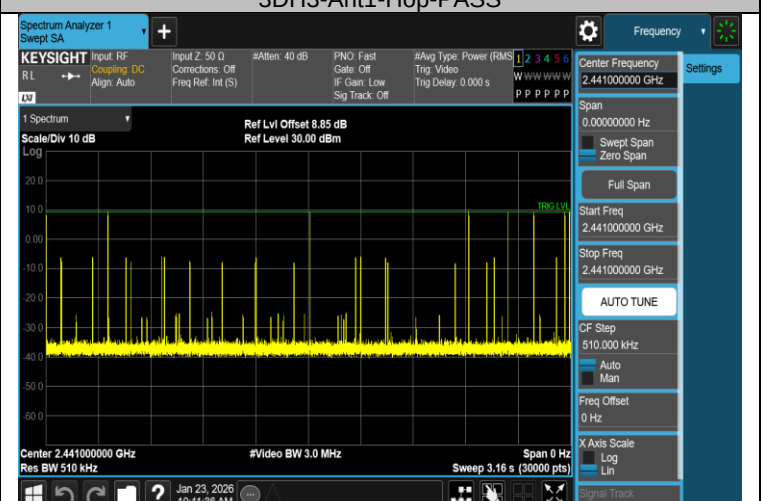
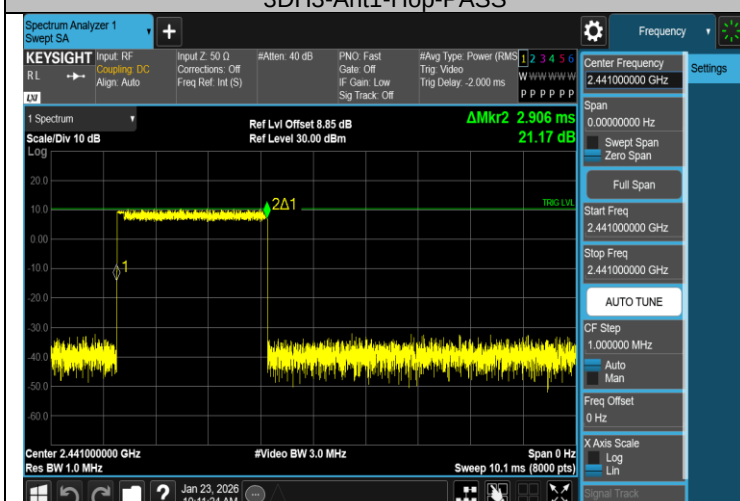
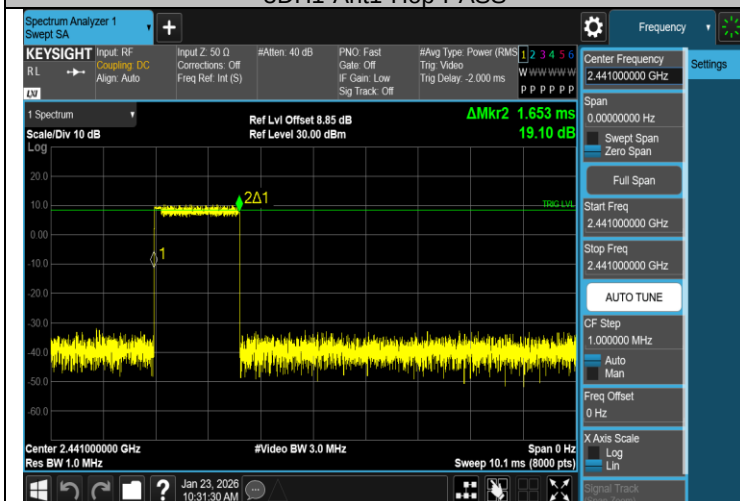
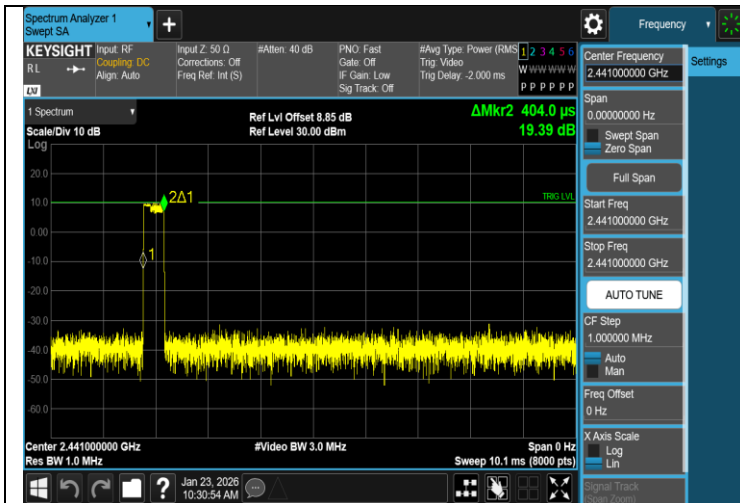
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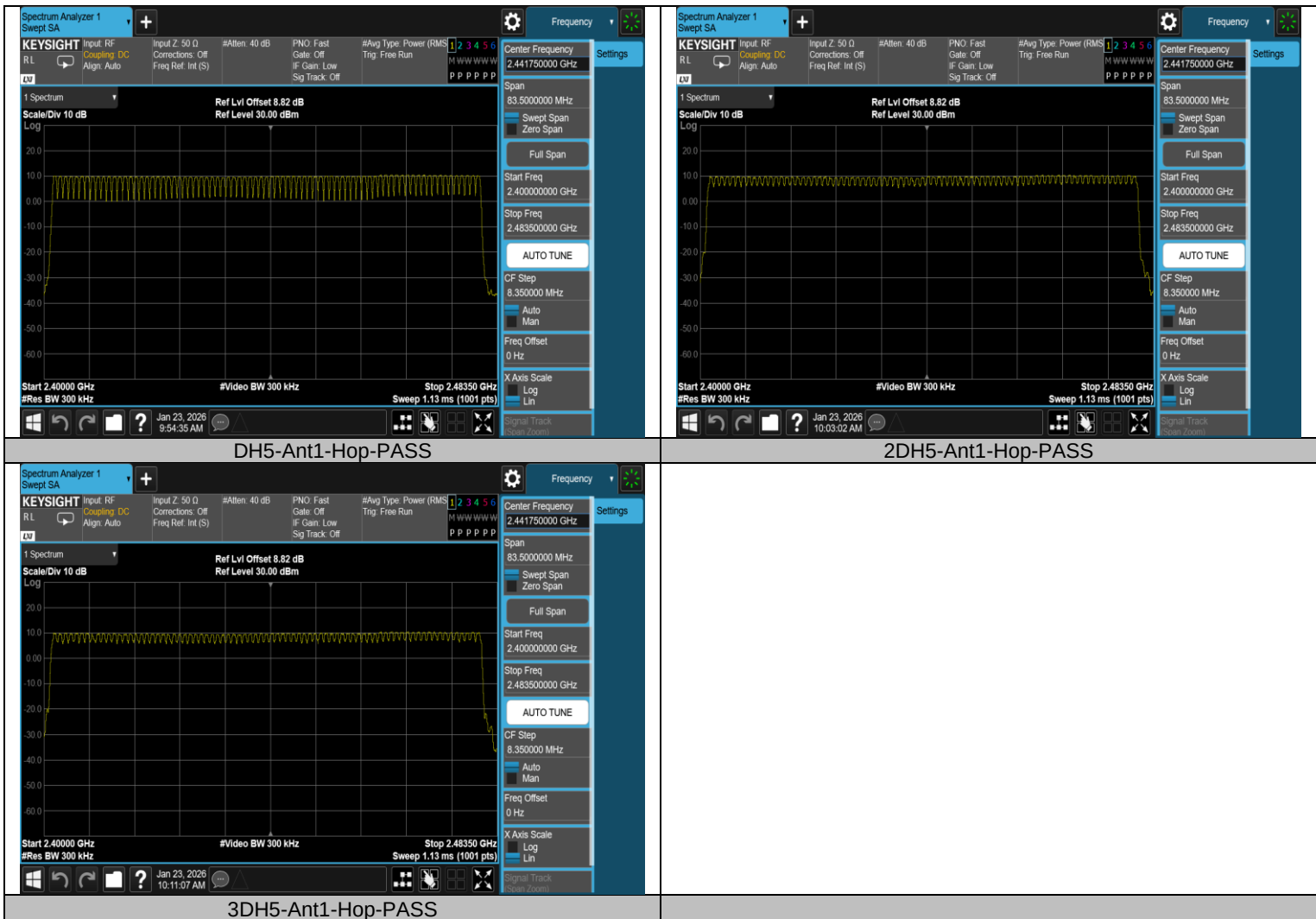
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Appendix F: Number of hopping channels

Test Result

TestMode	Antenna	Channel[MHz]	Result[Num]	Limit[Num]	Verdict
DH5	Ant1	Hop	79	≥15	PASS
2DH5	Ant1	Hop	79	≥15	PASS
3DH5	Ant1	Hop	79	≥15	PASS

Test Graphs



Test Report No.: EFGX26010180-IE-01-E04

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Appendix G: Band edge measurements

Test Result

TestMode	Antenna	ChName	Channel [MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	Low	2402	-0.97	-49.39	≤-20.97	PASS
DH5	Ant1	High	2480	-0.24	-48.53	≤-20.24	PASS
DH5	Ant1	Low	Hop_2402	-1.34	-49.63	≤-21.34	PASS
DH5	Ant1	High	Hop_2480	-0.04	-48.23	≤-20.04	PASS
2DH5	Ant1	Low	2402	-1.18	-47.68	≤-21.18	PASS
2DH5	Ant1	High	2480	-0.61	-48.75	≤-20.61	PASS
2DH5	Ant1	Low	Hop_2402	-1.44	-49.72	≤-21.44	PASS
2DH5	Ant1	High	Hop_2480	-0.63	-47.89	≤-20.63	PASS
3DH5	Ant1	Low	2402	-1.27	-49.04	≤-21.27	PASS
3DH5	Ant1	High	2480	-0.64	-49.28	≤-20.64	PASS
3DH5	Ant1	Low	Hop_2402	-1.45	-48.72	≤-21.45	PASS
3DH5	Ant1	High	Hop_2480	-0.52	-48.84	≤-20.52	PASS