



Report No.: TWN2601393-02E

Applicant: Heidi Health Trading Pty Ltd

Product: Heidi Remote

Model No.: HV0

Trademark: N/A

Test Standards: FCC Part 15.247

Test result: It is herewith confirmed and found to comply with the requirements set up by ANSI C63.10, FCC Part 15.247 for the evaluation of electromagnetic compatibility

Approved By

Terry Tang



Terry Tang

Manager

Dated: February 05, 2026

Results appearing herein relate only to the sample tested

The technical reports is issued errors and omissions exempt and is subject to withdrawal at

SHENZHEN TIMEWAY TESTING LABORATORIES

Zone C, 1st Floor, Block B, Jun Xiang Da Building, Zhongshan Park Road West, Tong Le Village, Nanshan District, Shenzhen, China

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Special Statement:

FCC-Registration No.: 744189

The EMC Laboratory has been registered and fully described in a report filed with the (FCC) Federal Communications commission. The acceptance letter from the FCC is maintained in our files. Registration No.: 744189.

ISED —Registration No.:5205A

The EMC Laboratory has been registered by Certification and Engineering Bureau of ISED for radio equipment testing with Registration No.: 5205A.

A2LA (Certification Number:5013.01)

The EMC Laboratory has been accredited by the American Association for Laboratory Accreditation (A2LA). Certification Number:5013.01

CAB identifier: CN0033

FCC Designation Number: CN1251

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1.0 General Details

1.1 Test Lab Details

Name: SHENZHEN TIMEWAY TESTING LABORATORIES.
Address: Zone C, 1st Floor, Block B, Jun Xiang Da Building, Zhongshan Park Road West, Tong Le Village, Nanshan District, Shenzhen, China
Telephone: (755) 83448688
Fax: (755) 83442996

1.2 Applicant Details

Applicant: Heidi Health Trading Pty Ltd
Address: Level 8, 420 George St, Sydney, New South Wales, Australia, 2000

1.3 Description of EUT

Product: Heidi Remote
Manufacturer: Shenzhen Recman Intelligent Technology Co., Ltd.
Address: Room 201, 301, Building 22, No.187, Liangbai Road, Liang'an Community, Pinghu Street, Longgang District, Shenzhen
Brand Name: N/A
Model Number: HV0
Additional Model Number: N/A
Hardware Version: V2.0
Software Version: 1.0
Serial No.: HV026011500000001, HV026011500000002, HV026011500000003, HV026011500000004, HV026011500000005
Type of Modulation: GFSK, $\pi/4$ DQPSK, 8DPSK for Bluetooth
Frequency range: 2402-2480MHz for Bluetooth
Channel Spacing: 1MHz for Bluetooth
Frequency Selection: By software
Channel Number: 79 channels for Bluetooth
Antenna: Chip Antenna. The gain of the antennas is 1.24dBi (Get from the antenna specification provided the manufacturer)
Rating: Input: DC5.0V, 0.5A
Battery: DC3.7V, 180mAh Li-ion battery

1.4 Submitted Sample: 4 Samples

1.5 Test Duration

2026-01-13 to 2026-02-03

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1.6 Test Uncertainty

Conducted Emissions Uncertainty =3.6dB

Radiated Emissions below 1GHz Uncertainty =4.7dB

Radiated Emissions above 1GHz Uncertainty =6.0dB

Conducted Power Uncertainty =6.0dB

Occupied Channel Bandwidth Uncertainty =5%

1.7 Test Engineer

The sample tested by

Print Name: Andy Xing



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2.0 Test Equipment					
Instrument Type	Manufacturer	Model	Serial No.	Date of Cal.	Due Date
ESPI Test Receiver	R&S	ESPI 3	100379	2025-07-11	2026-07-10
LISN	R&S	EZH3-Z5	100294	2025-07-11	2026-07-10
LISN	R&S	EZH3-Z5	100253	2025-07-11	2026-07-10
Impuls-Begrenzer	R&S	ESH3-Z2	100281	2025-07-11	2026-07-10
Loop Antenna	EMCO	6507	00078608	2025-07-17	2028-07-16
Spectrum	R&S	FSIQ26	100292	2025-07-11	2026-07-10
Horn Antenna	A-INFO	LB-180400-KF	J211060660	2025-07-17	2028-07-16
Horn Antenna	R&S	BBHA 9120D	9120D-631	2025-07-17	2028-07-16
Power meter	Anritsu	ML2487A	6K00003613	2025-07-11	2026-07-10
Power sensor	Anritsu	MA2491A	32263	2025-07-11	2026-07-10
Bilog Antenna	Schwarebeck	VULB9163	9163/340	2025-07-17	2028-07-16
9*6*6 Anechoic	--	--	N/A	2025-07-11	2028-07-10
EMI Test Receiver	RS	ESCS 30	834115/006	2025-07-11	2026-07-10
Spectrum	HP/Agilent	E4407B	MY50441392	2025-07-11	2026-07-10
Spectrum	RS	FSP	1164.4391.38	2025-07-11	2026-07-10
RF Cable	Zhengdi	ZT26-NJ-NJ-8M/FA	--	2025-07-11	2026-07-10
RF Cable	Zhengdi	7m	--	2025-07-11	2026-07-10
Pre-Amplifier	Schwarebeck	BBV9743	#218	2025-07-11	2026-07-10
Pre-Amplifier	HP/Agilent	8449B	3008A00160	2025-07-11	2026-07-10
LISN	SCHAFFNER	NNB42	00012	2025-07-11	2026-07-10
LISN	R&S	EZH3-Z5	100294	2025-07-11	2026-07-10

2.2 Automation Test Software

For Conducted Emission Test

Name	Version
EZ-EMC	Ver.EMC-CON 3A1.1

For Radiated Emissions

Name	Version
EMI Test Software BL410-EV18.91	V18.905
EMI Test Software BL410-EV18.806 High Frequency	V18.06

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3.0 Technical Details

3.1 Summary of test results

The EUT has been tested according to the following specifications:			
Requirement	CFR 47 Section	Result	Notes
Antenna Requirement	15.203, 15.247(b)(4)	Pass	Complies
Maximum Peak Out Power	15.247 (b)(1), (4)	Pass	Complies
Carrier Frequency Separation	15.247(a)(1)	Pass	Complies
20dB Channel Bandwidth	15.247 (a)(1)	Pass	Complies
Number of Hopping Channels	15.247(a)(iii), 15.247(b)(1)	Pass	Complies
Time of Occupancy (Dwell Time)	15.247(a)(iii)	Pass	Complies
Spurious Emission, Band Edge, and Restricted bands	15.247(d),15.205(a), 15.209 (a),15.109	Pass	Complies
Conducted Emissions	15.207(a), 15.107	Pass	Complies
RF Exposure	15.247(i) , 1.1307(b)(1)	Pass	Complies

3.2 Test Standards

FCC Part 15 Subpart & Subpart C, Paragraph 15.247

4.0 EUT Modification

No modification by SHENZHEN TIMEWAY TESTING LABORATORIES.

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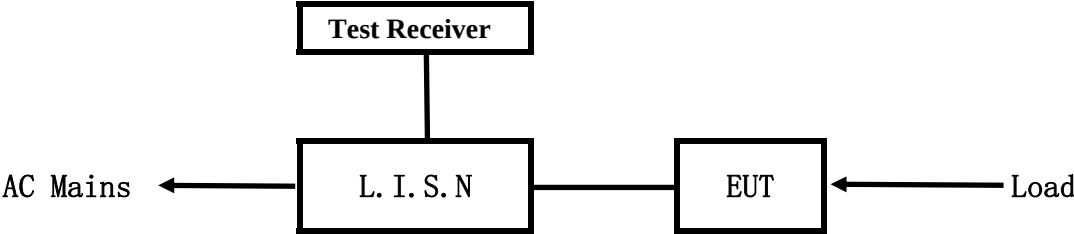
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5. Power Line Conducted Emission Test

5.1 Schematics of the test



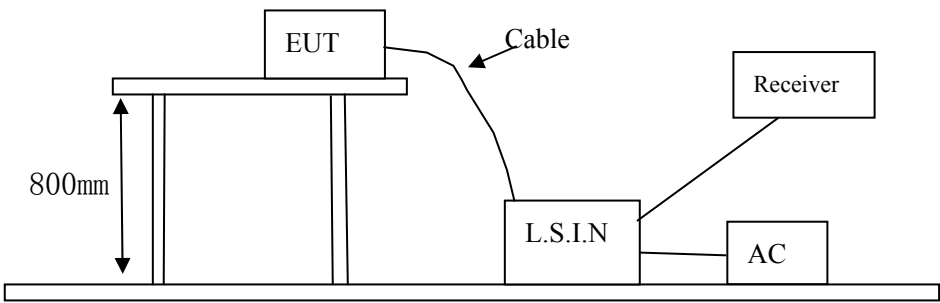
EUT: Equipment Under Test

5.2 Test Method and test Procedure

The EUT was tested according to ANSI C63.10-2020+Cor 1-2023+C63.10a-2024 + Errata to C63.10a-2024. The Frequency spectrum From 0.15MHz to 30MHz was investigated. The LISN used was 50ohm/50uH as specified by section 5.1 of ANSI C63.10-2020+Cor 1-2023+C63.10a-2024 + Errata to C63.10a-2024.

Test Voltage: 120V~ 60Hz

Block diagram of Test setup



5.3 Configuration of The EUT

The EUT was configured according to ANSI C63.10-2020+Cor 1-2023+C63.10a-2024 + Errata to C63.10a-2024. All interface ports were connected to the appropriate peripherals. All peripherals and cables are listed below.

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A. EUT

Device	Manufacturer	Model	FCC ID
Heidi Remote	Shenzhen Recman Intelligent Technology Co., Ltd.	HV0	2BULL-HV0

B. Internal Device

Device	Manufacturer	Model	Rating

C. Peripherals

Device	Manufacturer	Model	Rating
Power Supply	Xiaomi	MDY-12-EF	Input: 100-240V~, 50/60Hz, 1.7A; Output: DC5V, 3A; 5-20A; 6.2- 3.25A(67W Max)

5.4 EUT Operating Condition

Operating condition is according to ANSI C63.10-2020+Cor 1-2023+C63.10a-2024 + Errata to C63.10a-2024.

A Setup the EUT and simulators as shown on follow

B Enable AF signal and confirm EUT active to normal condition

5.5 Power line conducted Emission Limit according to Paragraph 15.207

Frequency (MHz)	Limits (dB μ V)	
	Quasi-peak Level	Average Level
0.15 ~ 0.50	66.0~56.0*	56.0~46.0*
0.50 ~ 5.00	56.0	46.0
5.00 ~ 30.00	60.0	50.0

- Notes: 1. *Decreasing linearly with logarithm of frequency.
2. The tighter limit shall apply at the transition frequencies

5.6 Test Results

The frequency spectrum from 0.15MHz to 30MHz was investigated. All reading are quasi-peak values with a resolution bandwidth of 9kHz.

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A: Conducted Emission on Live Terminal (150kHz to 30MHz)

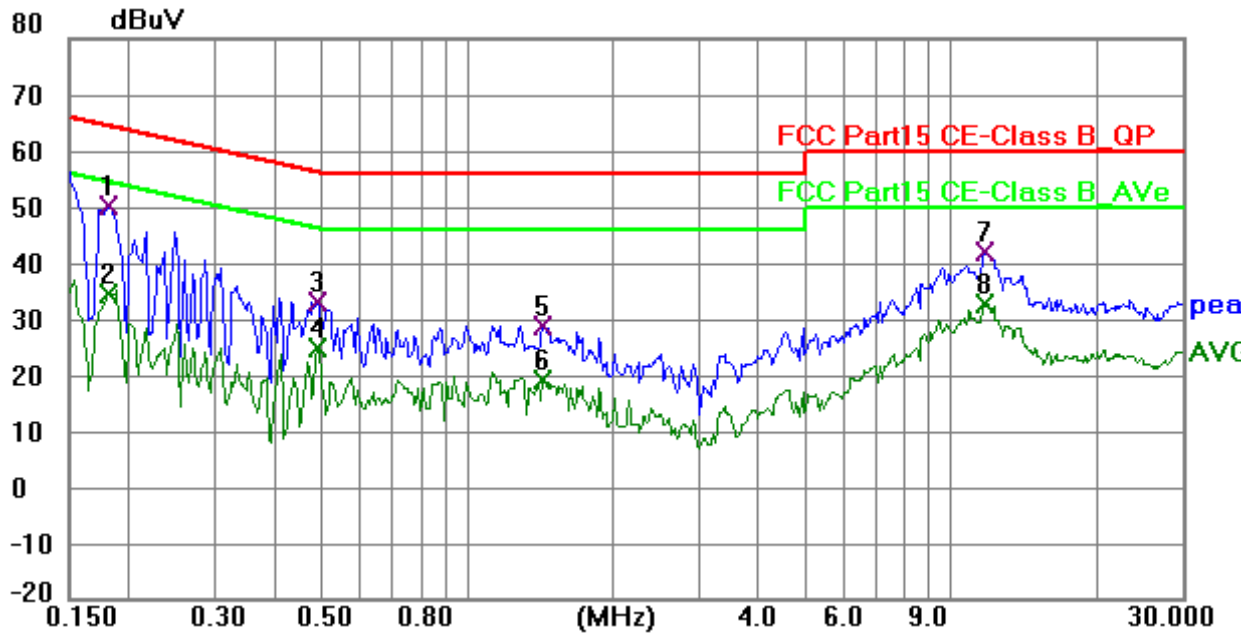
EUT Operating Environment

Temperature: 26°C Humidity: 65%RH Atmospheric Pressure: 101 kPa

EUT set Condition: Keep Bluetooth Transmitting

Results: Pass

Please refer to following diagram for individual



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Detector	P/F
1	0.1812	40.22	10.13	50.35	64.43	-14.08	QP	P
2	0.1812	24.44	10.13	34.57	54.43	-19.86	AVG	P
3	0.4893	22.79	10.37	33.16	56.18	-23.02	QP	P
4	0.4893	14.43	10.37	24.80	46.18	-21.38	AVG	P
5	1.4330	18.28	10.30	28.58	56.00	-27.42	QP	P
6	1.4330	8.92	10.30	19.22	46.00	-26.78	AVG	P
7	11.7204	31.49	10.39	41.88	60.00	-18.12	QP	P
8	11.7204	22.17	10.39	32.56	50.00	-17.44	AVG	P

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B: Conducted Emission on Neutral Terminal (150kHz to 30MHz)

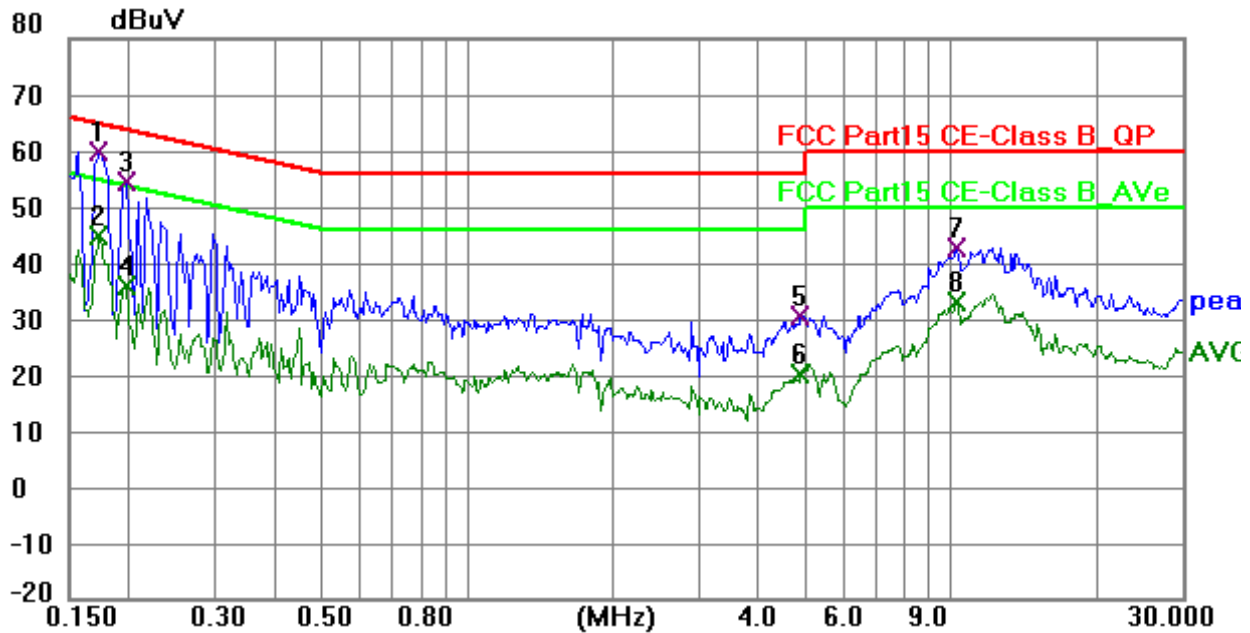
EUT Operating Environment

Temperature: 26°C Humidity: 65%RH Atmospheric Pressure: 101 kPa

EUT set Condition: Keep Bluetooth Transmitting

Results: Pass

Please refer to following diagram for individual



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Detector	P/F
1	0.1734	49.66	10.14	59.80	64.80	-5.00	QP	P
2	0.1734	34.77	10.14	44.91	54.80	-9.89	AVG	P
3	0.1968	44.30	10.12	54.42	63.74	-9.32	QP	P
4	0.1968	25.74	10.12	35.86	53.74	-17.88	AVG	P
5	4.8993	20.29	10.25	30.54	56.00	-25.46	QP	P
6	4.8993	9.88	10.25	20.13	46.00	-25.87	AVG	P
7	10.2461	32.26	10.37	42.63	60.00	-17.37	QP	P
8	10.2461	22.74	10.37	33.11	50.00	-16.89	AVG	P

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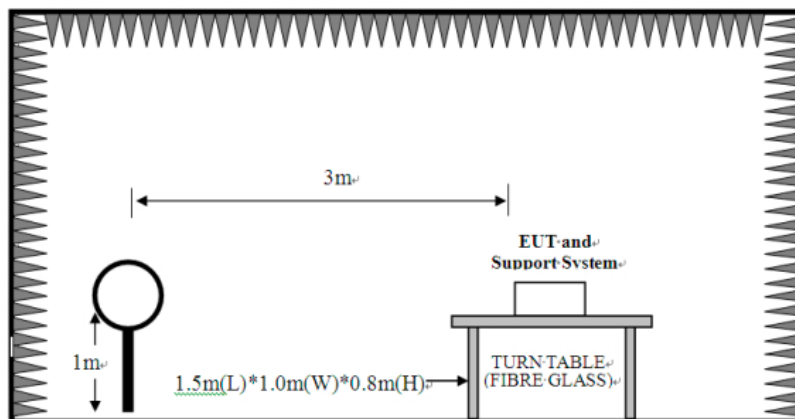
6 Radiated Emission Test

6.1 Test Method and test Procedure:

- (1) The EUT was tested according to ANSI C63.10-2020+Cor 1-2023+C63.10a-2024 + Errata to C63.10a-2024. The radiated test was performed at Timeway EMC Laboratory. This site is on file with the FCC laboratory division, Registration No. 744189
- (2) The EUT, peripherals were put on the turntable which table size is 1m x 1.5 m, table high 0.8 m. All set up is according to ANSI C63.10-2020+Cor 1-2023+C63.10a-2024 + Errata to C63.10a-2024.
- (3) The frequency spectrum from 30 MHz to 25GHz was investigated. All readings from 30 MHz to 1 GHz are quasi-peak values with a resolution bandwidth of 120 kHz. For measurement above 1GHz, peak values with RBW=VBW=1MHz and PK detector. AV value with RBW=1MHz, VBW=10Hz and PK detector. Measurements were made at 3 meters.
- (4) The antenna high is varied from 1 m to 4 m high to find the maximum emission for each frequency.
- (5) Maximizing procedure was performed on the six (6) highest emissions to ensure EUT compliance is with all installation combinations. All data was recorded in the peak detection mode. Quasi-peak readings was performed only when an emission was found to be marginal (within -4 dB of specification limit), and are distinguished with a "QP" in the data table.
- (6) The antenna polarization: Vertical polarization and Horizontal polarization.

Block diagram of Test setup

For radiated emissions from 9kHz to 30MHz



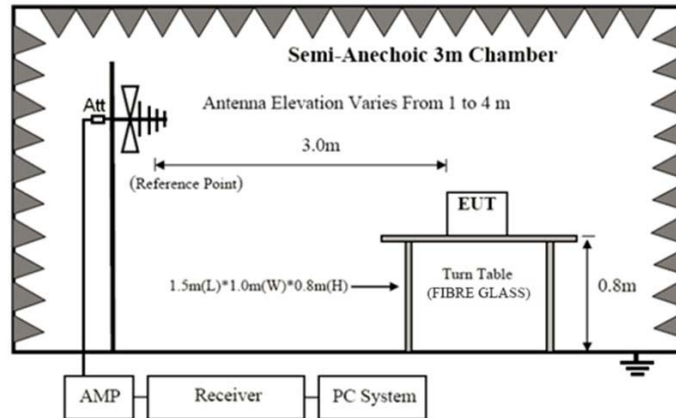
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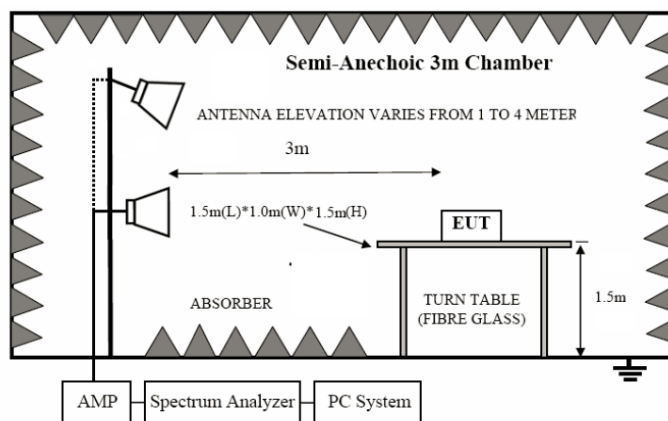
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For radiated emissions from 30MHz to 1GHz



For radiated emissions above 1GHz



6.2 Configuration of The EUT

Same as section 5.3 of this report

6.3 EUT Operating Condition

Same as section 5.4 of this report.

6.4 Radiated Emission Limit

All emission from a digital device, including any network of conductors and apparatus connected thereto, shall not exceed the level of field strength specified below:

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Frequencies in restricted band are complied to limit on Paragraph 15.209

Frequency Range (MHz)	Distance (m)	Field strength (dB μ V/m)
30-88	3	40.0
88-216	3	43.5
216-960	3	46.0
Above 960	3	54.0

- Note:
1. RF Voltage (dBuV) = 20 log RF Voltage (uV)
 2. In the Above Table, the higher limit applies at the band edges.
 3. Distance refers to the distance in meters between the measuring instrument antenna and the EUT
 4. 8DFSK was the worst case because it has highest output power
 5. This is a handheld device. The radiated emissions should be tested under 3-axes position (Lying, Side, and Stand), After pre-test. It was found that the worse radiated emission was get at the lying position.
 6. Battery was fully charged during test
 7. For the radiated emissions from 30MHz-1000MHz, only the worst case was recorded and the middle channel (2441MHz) was the worst case.

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Test result

General Radiated Emission Data and Harmonics Radiated Emission Data

Radiated Emission In Horizontal/Vertical (30MHz----1000MHz)

EUT set Condition: Keep Bluetooth Transmitting

Test Channel: Middle (2441MHz)

Results: Pass

The report refers only to the sample tested and does not apply to the bulk.

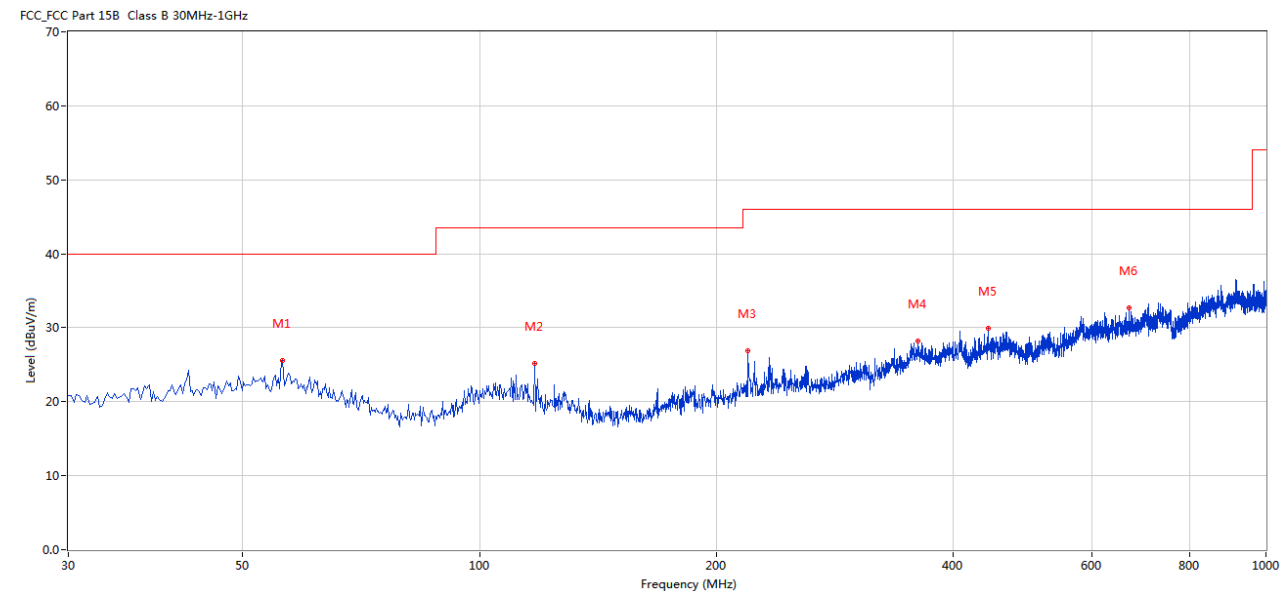
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Test Figure:

H



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	56.183	25.56	-8.51	40.0	14.44	Peak	194.00	100	Horizontal	Pass
2	117.521	25.24	-11.67	43.5	18.26	Peak	292.00	100	Horizontal	Pass
3	219.588	26.92	-9.57	46.0	19.08	Peak	231.00	100	Horizontal	Pass
4	360.930	28.26	-5.09	46.0	17.74	Peak	10.00	100	Horizontal	Pass
5	443.844	29.99	-4.04	46.0	16.01	Peak	268.00	100	Horizontal	Pass
6	670.525	32.69	-1.06	46.0	13.31	Peak	205.00	100	Horizontal	Pass

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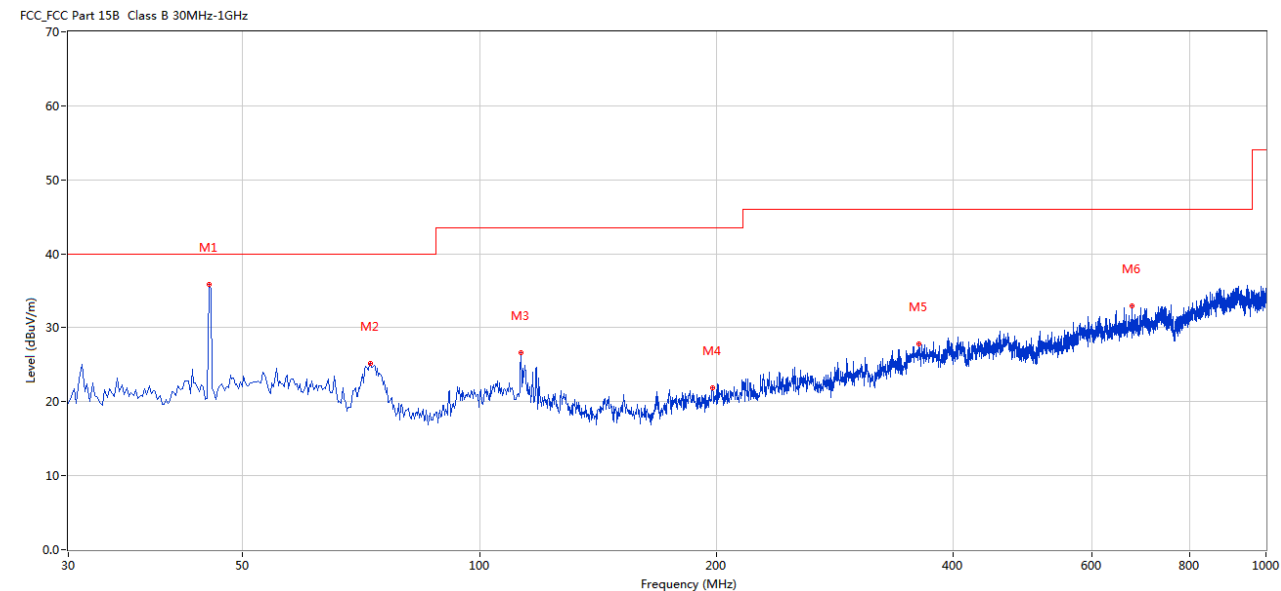
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Test Figure:

V



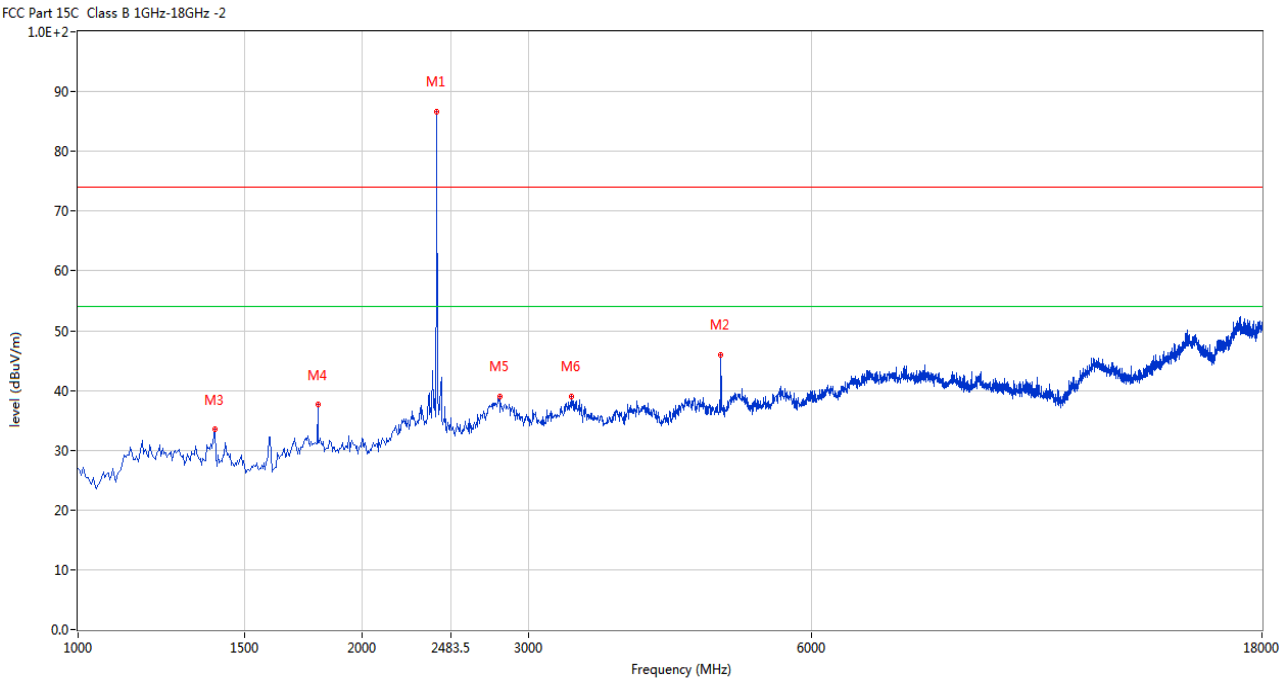
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	45.274	35.86	-9.49	40.0	4.14	Peak	110.00	100	Vertical	Pass
2	72.669	25.20	-11.92	40.0	14.80	Peak	285.00	100	Vertical	Pass
3	112.914	26.63	-9.88	43.5	16.87	Peak	315.00	100	Vertical	Pass
4	197.768	21.86	-9.84	43.5	21.64	Peak	85.00	100	Vertical	Pass
5	361.657	27.77	-5.06	46.0	18.23	Peak	266.00	100	Vertical	Pass
6	675.616	32.98	-1.01	46.0	13.02	Peak	145.00	100	Vertical	Pass

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Please refer to the following test plots for details:

Low Channel-2402MHz: Horizontal



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1	2402	86.63	-3.57	74.0	12.63	Peak	87.00	100	Horizontal	N/A
2	4803.750	45.97	3.13	74.0	-28.03	Peak	61.00	100	Horizontal	Pass
3	1395.250	33.50	-8.17	74.0	-40.50	Peak	302.00	100	Horizontal	Pass
4	1794.750	37.58	-6.86	74.0	-36.42	Peak	45.00	100	Horizontal	Pass
5	2797.750	39.00	-2.70	74.0	-35.00	Peak	320.00	100	Horizontal	Pass
6	3337.500	38.98	-1.99	74.0	-35.02	Peak	48.00	100	Horizontal	Pass

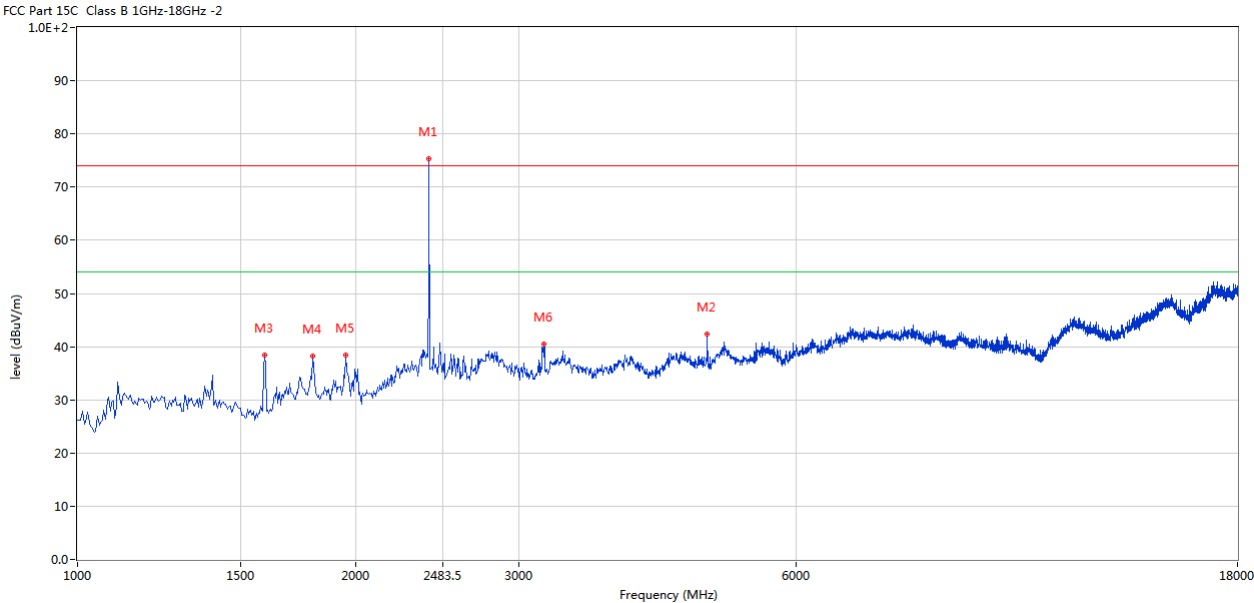
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Low Channel-2402MHz: Vertical



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1	2402	75.40	-3.57	74.0	1.40	Peak	160.00	100	Vertical	N/A
2	4803.750	42.42	3.13	74.0	-31.58	Peak	253.00	100	Vertical	Pass
3	1595.000	38.47	-7.98	74.0	-35.53	Peak	68.00	100	Vertical	Pass
4	1799.000	38.26	-6.83	74.0	-35.74	Peak	320.00	100	Vertical	Pass
5	1952.000	38.43	-5.50	74.0	-35.57	Peak	14.00	100	Vertical	Pass
6	3197.250	40.54	-1.98	74.0	-33.46	Peak	253.00	100	Vertical	Pass

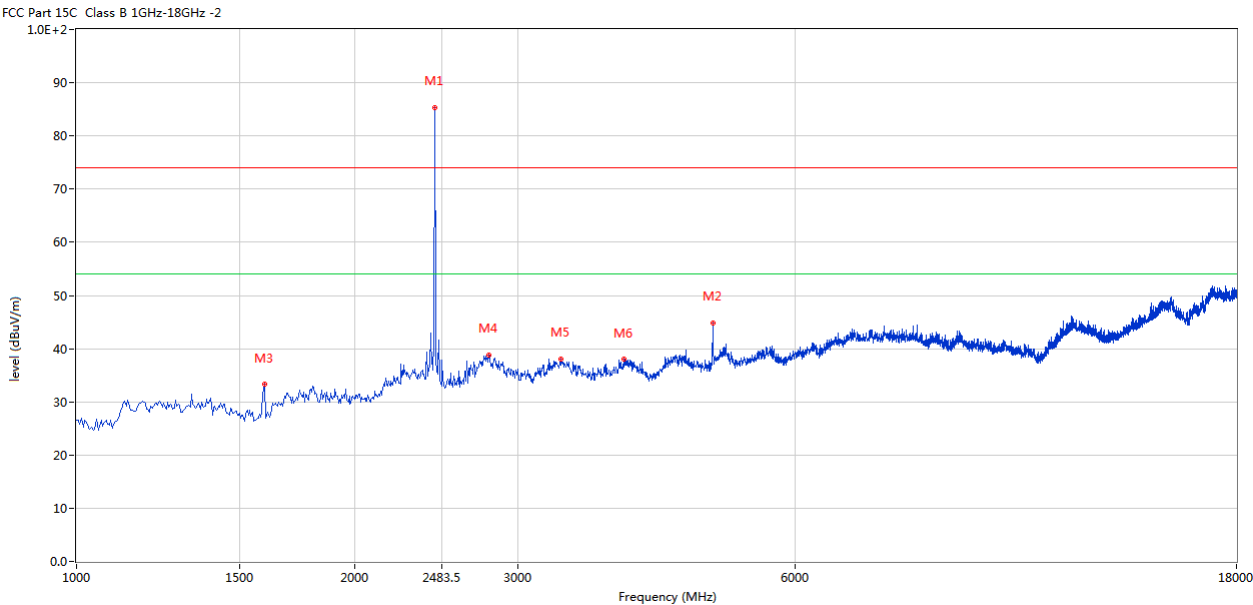
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Middle Channel-2441MHz: Horizontal



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1	2441	85.31	-3.57	74.0	11.31	Peak	80.00	100	Horizontal	N/A
2	4880.250	44.90	3.20	74.0	-29.10	Peak	49.00	100	Horizontal	Pass
3	1599.250	33.28	-7.97	74.0	-40.72	Peak	271.00	100	Horizontal	Pass
4	2793.500	38.83	-2.71	74.0	-35.17	Peak	157.00	100	Horizontal	Pass
5	3346.000	38.11	-1.97	74.0	-35.89	Peak	313.00	100	Horizontal	Pass
6	3911.250	37.98	0.86	74.0	-36.02	Peak	199.00	100	Horizontal	Pass

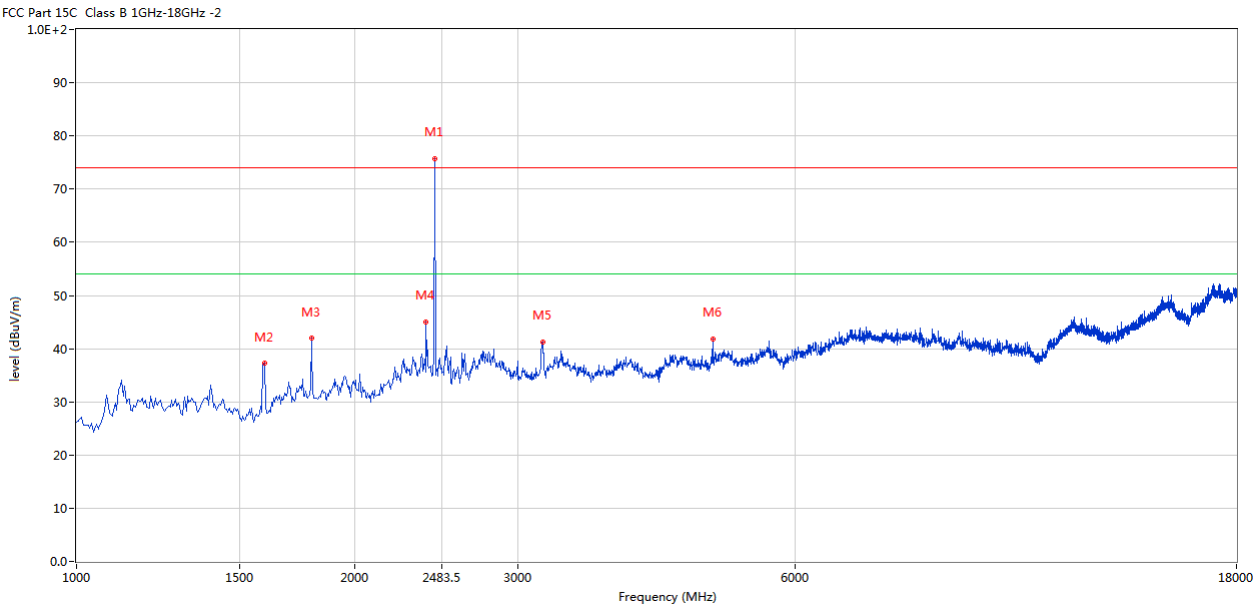
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Middle Channel-2441MHz: Vertical



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1	2441	75.76	-3.57	74.0	1.76	Peak	281.00	100	Vertical	N/A
2	1599.250	37.33	-7.97	74.0	-36.67	Peak	284.00	100	Vertical	Pass
3	1794.750	41.93	-6.86	74.0	-32.07	Peak	310.00	100	Vertical	Pass
4	2389.750	45.08	-3.53	74.0	-28.92	Peak	279.00	100	Vertical	Pass
5	3193.000	41.30	-1.99	74.0	-32.70	Peak	253.00	100	Vertical	Pass
6	4880.250	41.89	3.20	74.0	-32.11	Peak	261.00	100	Vertical	Pass

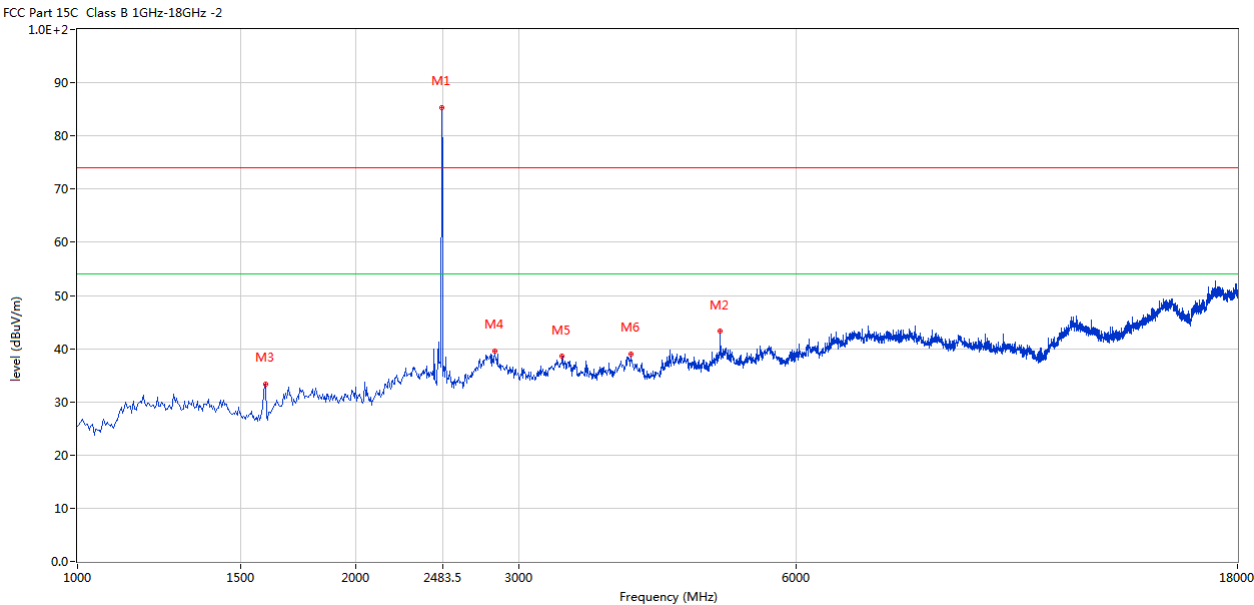
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High Channel-2480MHz: Horizontal



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1	2480	85.31	-3.57	74.0	11.31	Peak	89.00	100	Horizontal	N/A
2	4961.000	43.29	3.36	74.0	-30.71	Peak	8.00	100	Horizontal	Pass
3	1599.250	33.43	-7.97	74.0	-40.57	Peak	234.00	100	Horizontal	Pass
4	2827.500	39.59	-2.69	74.0	-34.41	Peak	167.00	100	Horizontal	Pass
5	3346.000	38.54	-1.97	74.0	-35.46	Peak	358.00	100	Horizontal	Pass
6	3966.500	39.04	1.07	74.0	-34.96	Peak	66.00	100	Horizontal	Pass

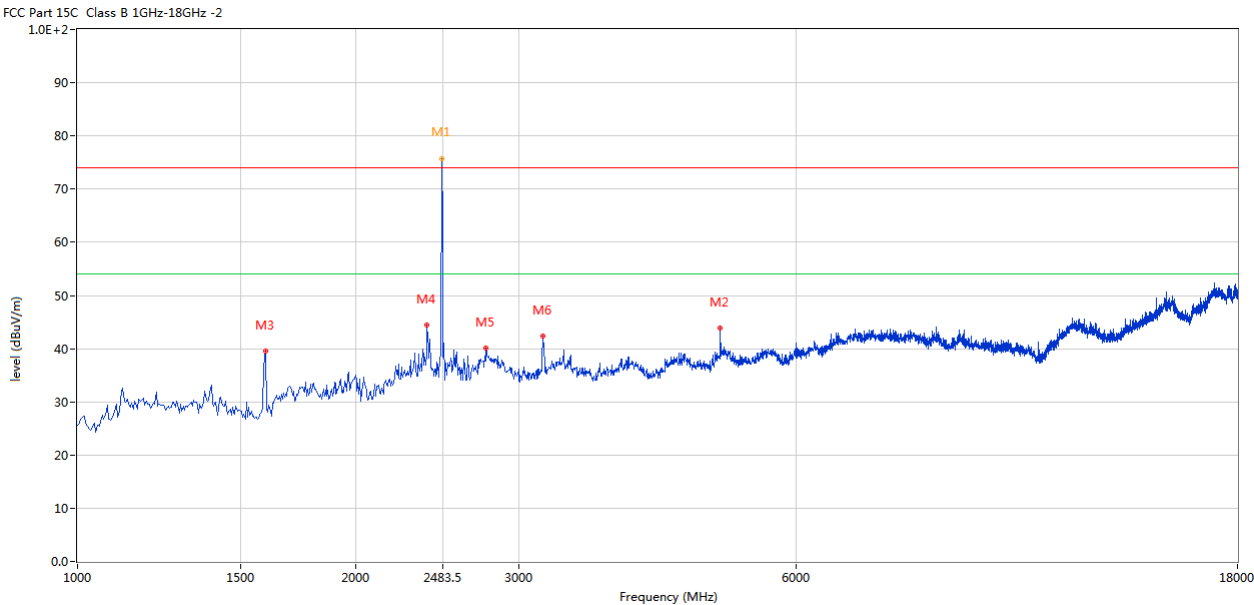
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High Channel-2480MHz: Vertical



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1	2480	75.77	-3.57	74.0	1.77	Peak	184.00	100	Vertical	N/A
2	4961.000	43.81	3.36	74.0	-30.19	Peak	235.00	100	Vertical	Pass
3	1599.250	39.46	-7.97	74.0	-34.54	Peak	287.00	100	Vertical	Pass
4	2389.750	44.35	-3.53	74.0	-29.65	Peak	284.00	100	Vertical	Pass
5	2768.000	40.11	-2.78	74.0	-33.89	Peak	287.00	100	Vertical	Pass
6	3188.750	42.36	-2.00	74.0	-31.64	Peak	247.00	100	Vertical	Pass

Note: 1. for the radiated emissions above 18G and below 30MHz, it is the floor noise.
2. the measured PK radiated emissions level less than the AV limit, so no necessary to take down the AV result

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7.0 20dB Bandwidth Measurement

7.1 Regulation

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

7.2 Limits of 20dB Bandwidth Measurement

N/A

7.3 Test Procedure.

1. Check the calibration of the measuring instrument (spectrum analyzer) using either an internal calibrator or a known signal from an external generator.
2. Set the spectrum analyzer as follows: Span = 3MHz, RBW = 30 kHz, VBW = 100 kHz, Sweep = auto Detector function = peak, Trace = max hold
3. Measure the highest amplitude appearing on spectral display and record the level to calculate results. 6. Repeat above procedures until all frequencies measured were complete.

7.4 Test Result

Type of Modulation: GFSK

EUT	Heidi Remote		Model	HV0
Mode	Keep Transmitting		Input Voltage	DC3.7V
Temperature	24 deg. C,		Humidity	56% RH
Channel	Channel Frequency (MHz)	20 dB Bandwidth (kHz)	Minimum Limit (kHz)	Pass/ Fail
Low	2402	846	--	Pass
Middle	2441	840	--	Pass
High	2480	852	--	Pass

The report refers only to the sample tested and does not apply to the bulk.

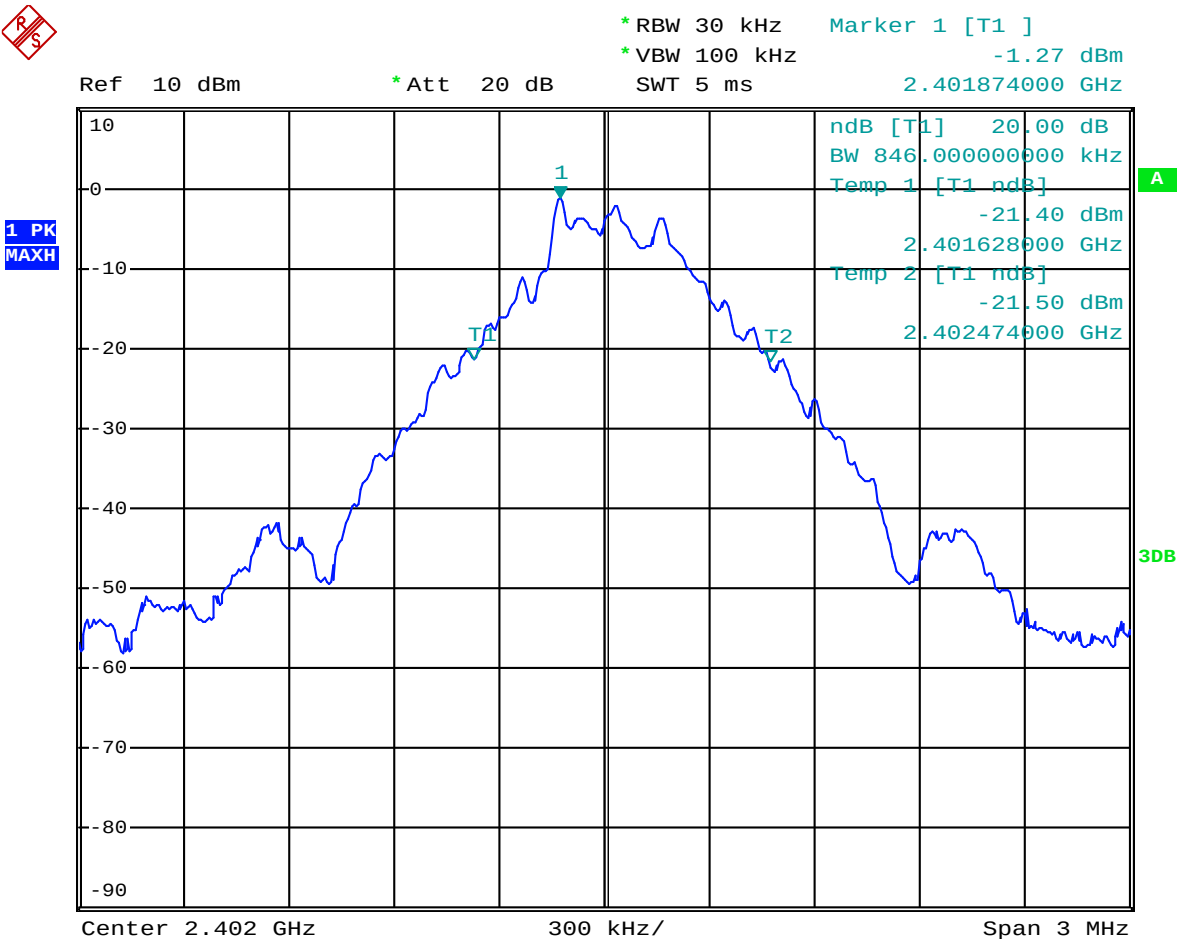
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Test Figure:

1. Condition: Low Channel

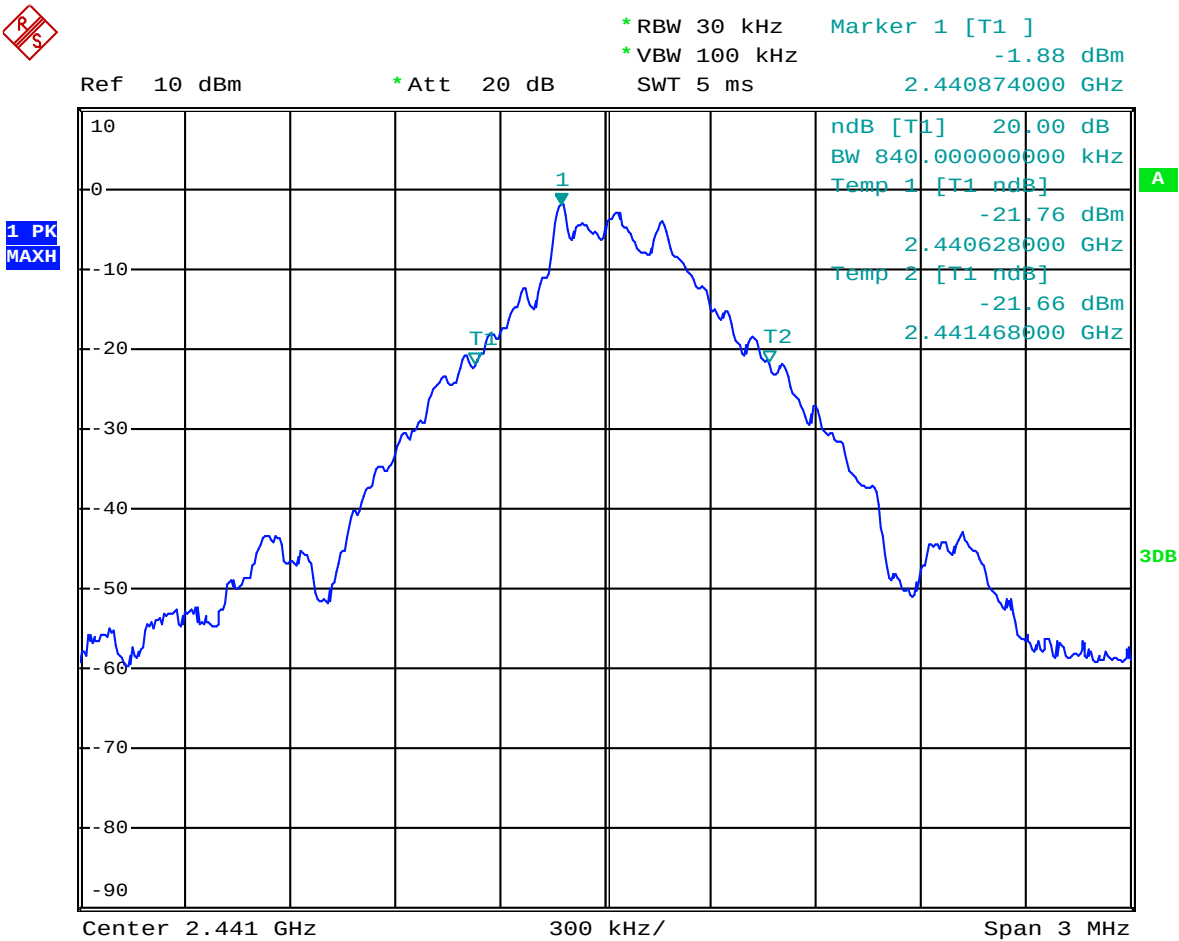


Date: 23.JAN.2026 15:13:01

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2. Condition: Middle Channel

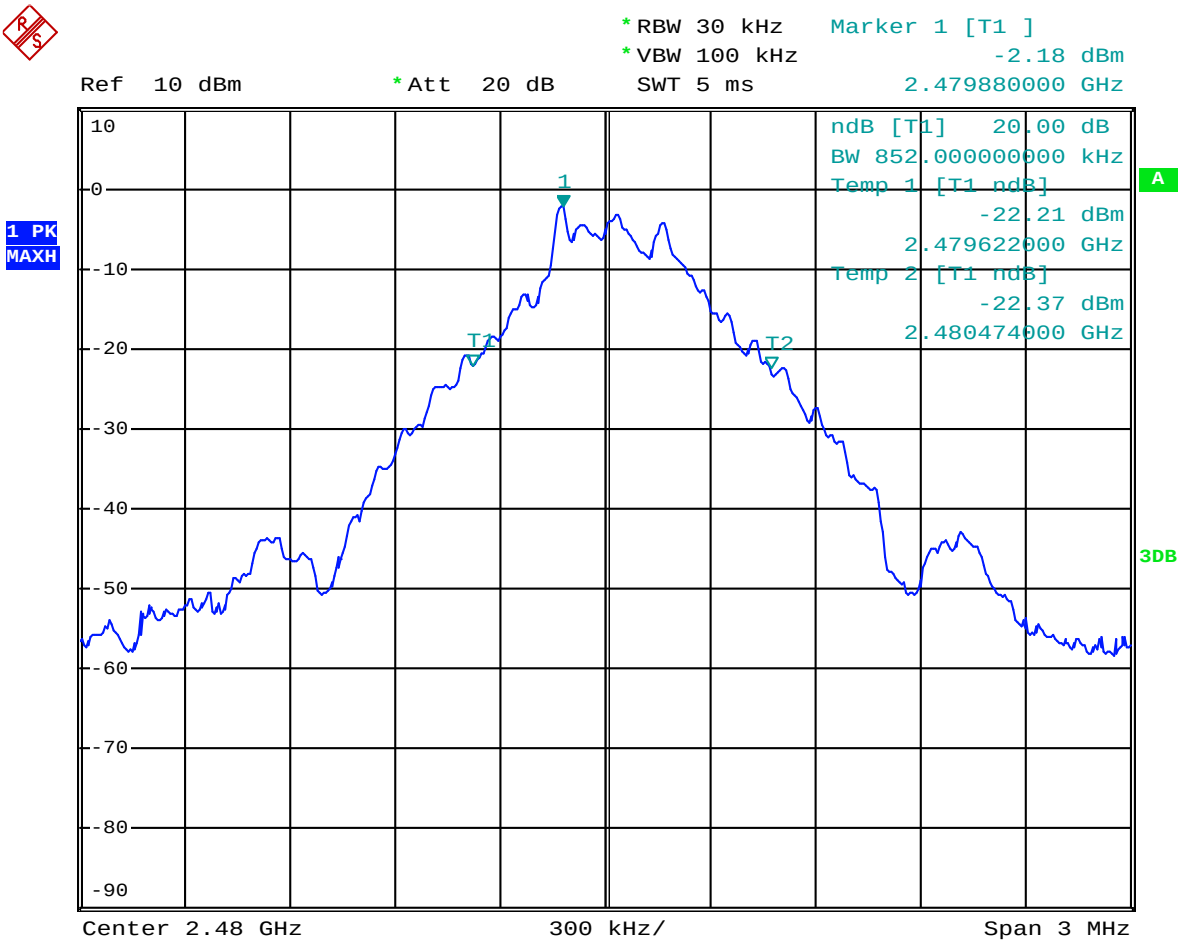


Date: 23.JAN.2026 15:11:13

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3. High Channel



Date: 23.JAN.2026 15:10:36

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Test Result

Type of Modulation: $\pi/4$ DQPSK

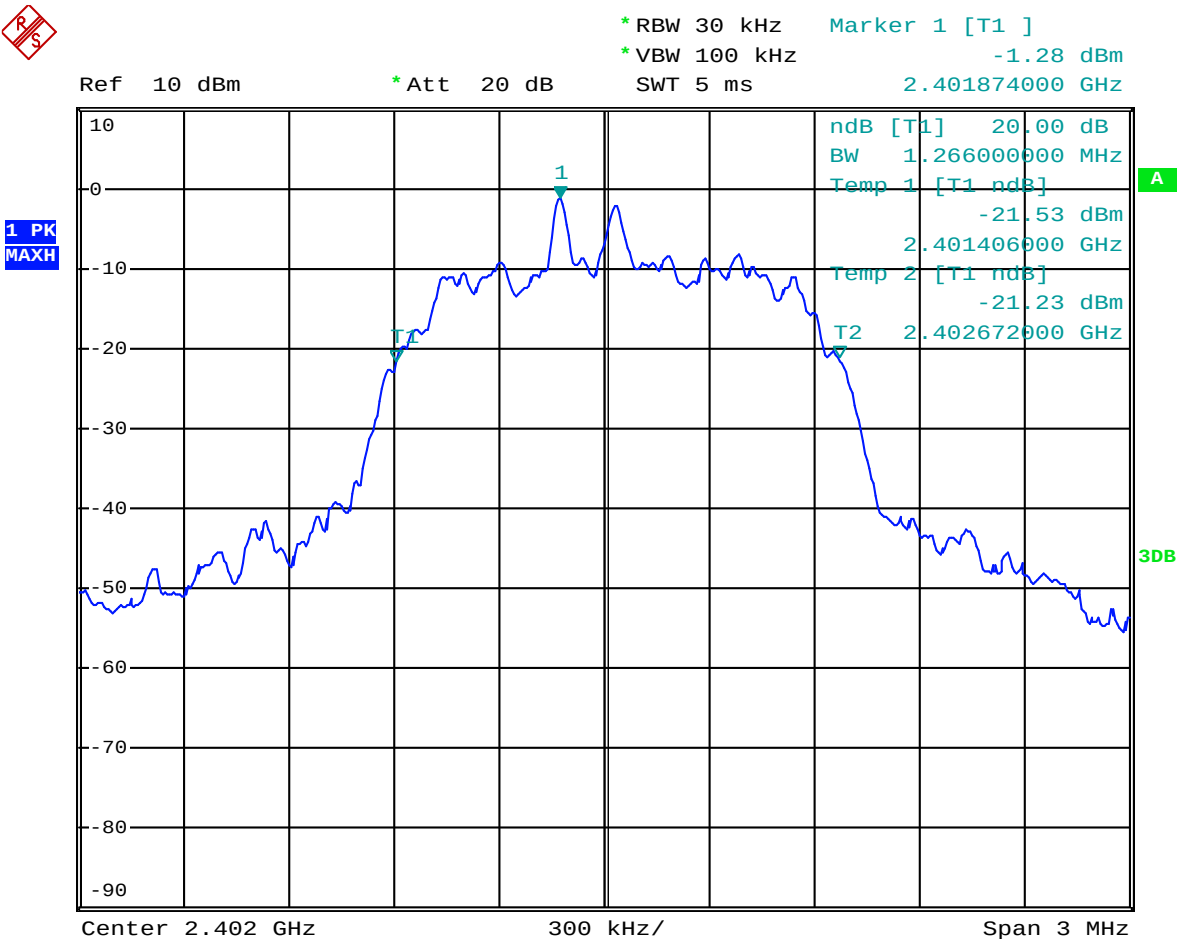
EUT	Heidi Remote		Model	HV0
Mode	Keep Transmitting		Input Voltage	DC3.7V
Temperature	24 deg. C,		Humidity	56% RH
Channel	Channel Frequency (MHz)	20 dB Bandwidth (kHz)	Maximum Limit (kHz)	Pass/ Fail
Low	2402	1266	--	Pass
Middle	2441	1254	--	Pass
High	2480	1254	--	Pass

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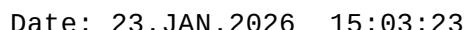
Test Figure:

1. Condition: Low Channel



Date: 23.JAN.2026 15:02:18

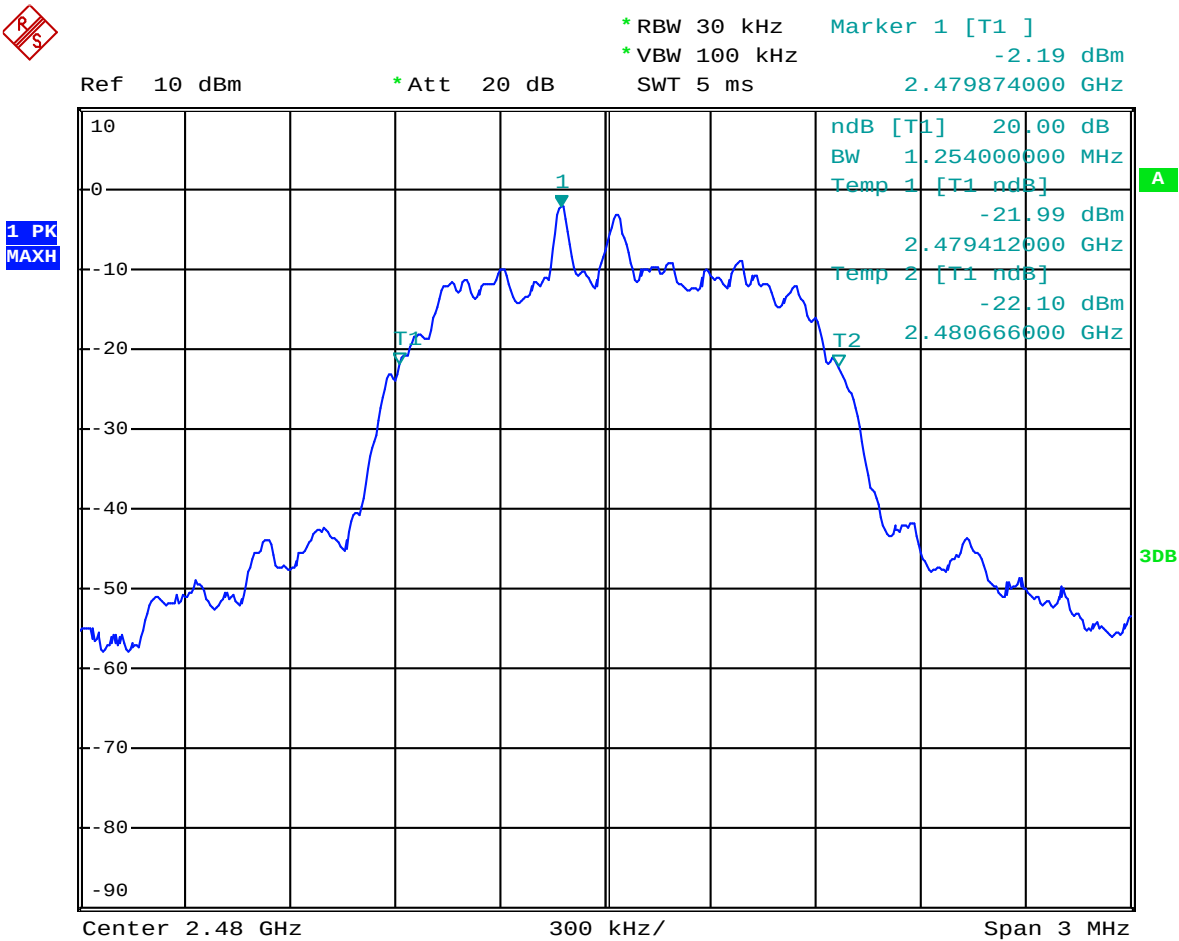
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3. High Channel



Date: 23.JAN.2026 15:06:45

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Test Result
Type of Modulation: 8DPSK

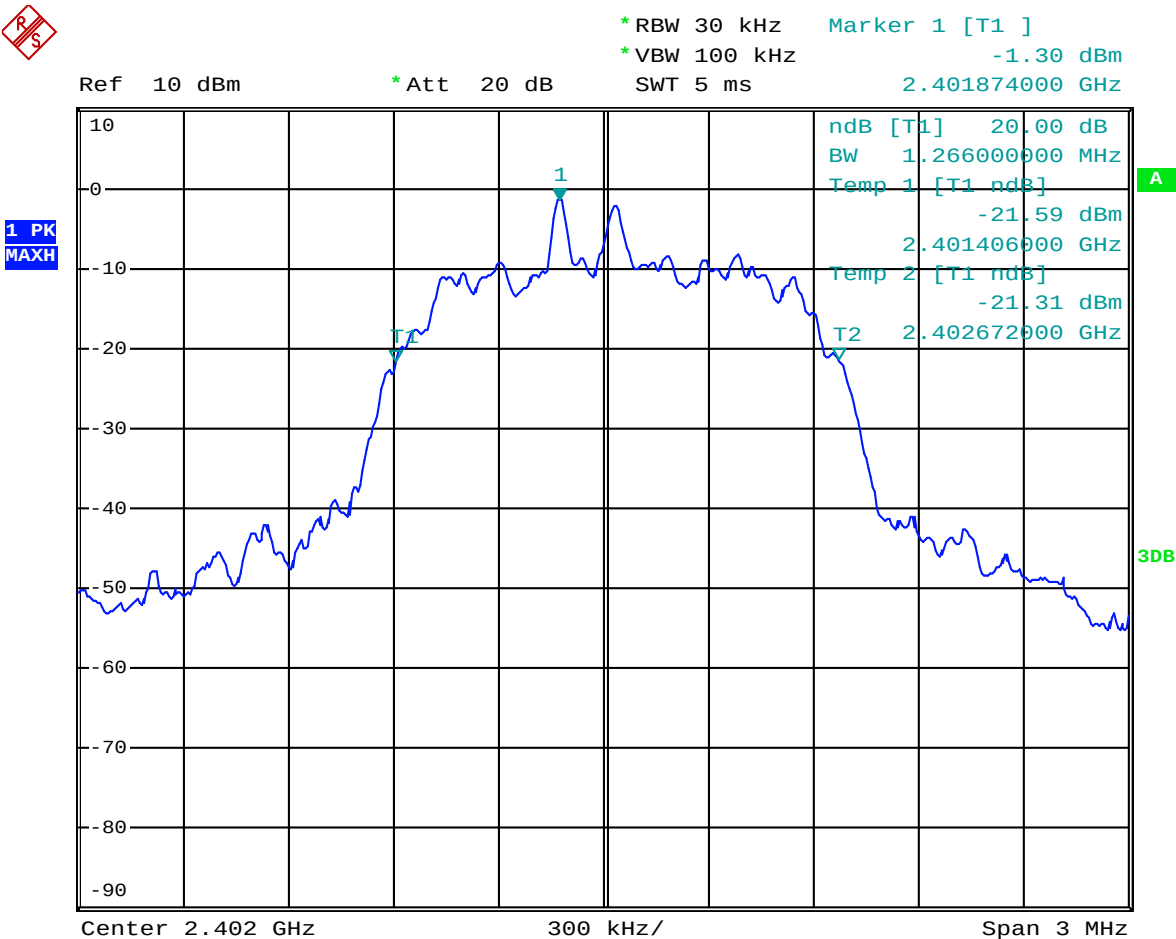
EUT	Heidi Remote		Model	HV0
Mode	Keep Transmitting		Input Voltage	DC3.7V
Temperature	24 deg. C,		Humidity	56% RH
Channel	Channel Frequency (MHz)	20 dB Bandwidth (kHz)	Maximum Limit (kHz)	Pass/ Fail
Low	2402	1266	--	Pass
Middle	2441	1260	--	Pass
High	2480	1254	--	Pass

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Test Figure:

1. Condition: Low Channel

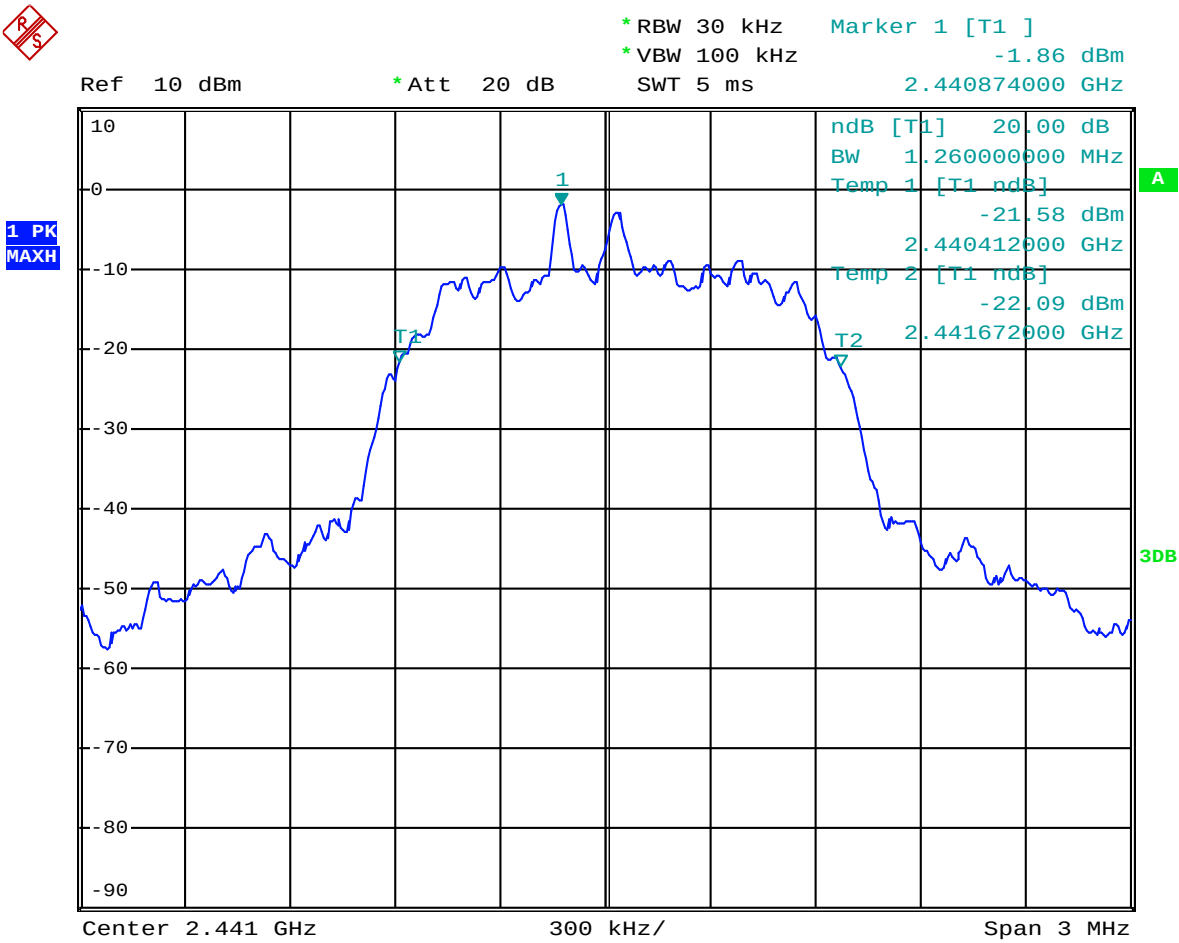


Date: 23.JAN.2026 14:59:00

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2. Condition: Middle Channel

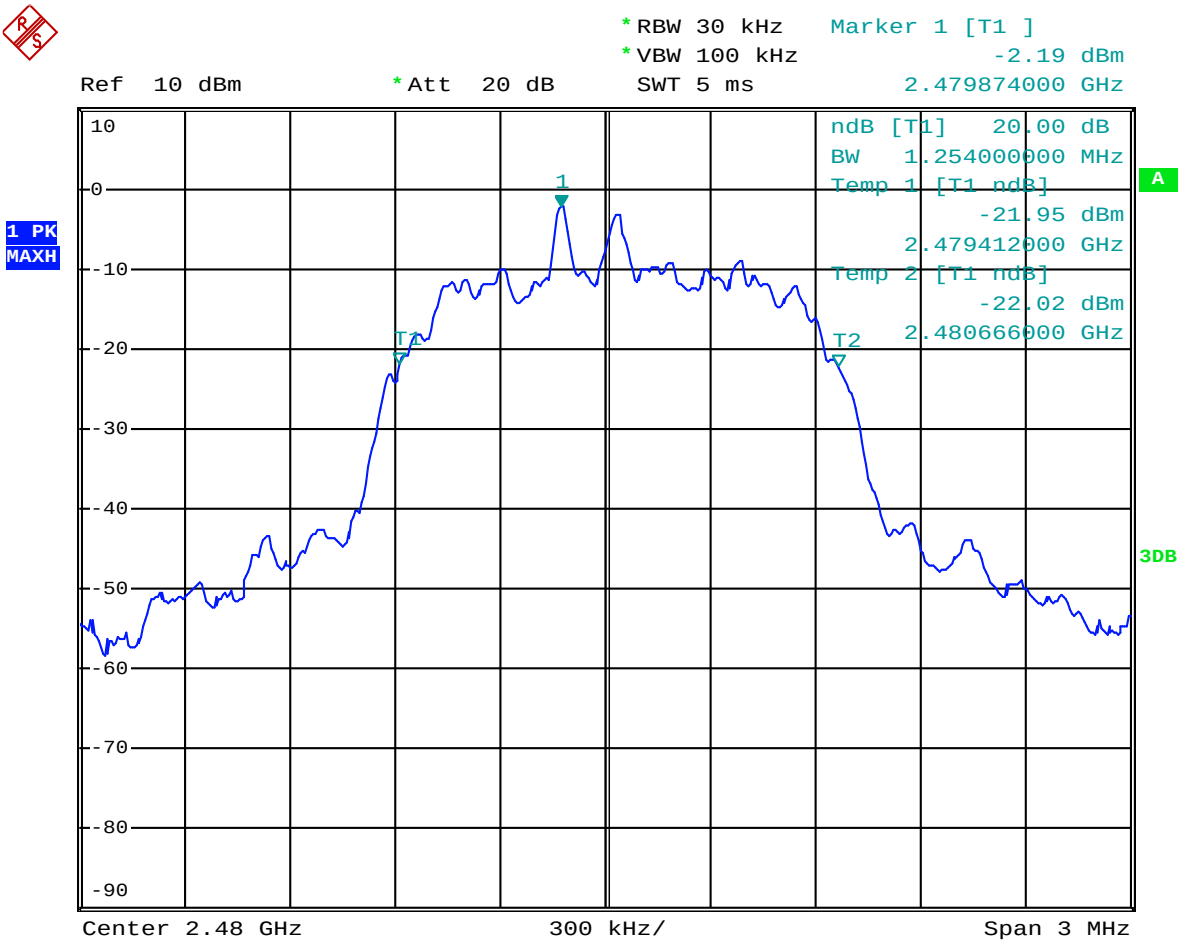


Date: 23.JAN.2026 14:57:01

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3. High Channel



Date: 23.JAN.2026 14:55:03

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8. Maximum Output Power

8.1 Regulation

According to §15.247(b)(1), for frequency hopping systems operating in the 2400-2483.5 MHz band employing at least 75 non-overlapping hopping channels, and all frequency hopping systems in the 5725-5850 MHz band: 1 watt. For all other frequency hopping systems in the 2400-2483.5MHz band:0.125 watts. 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.

8.2 Limits of Maximum Output Power

The Maximum Output Power Measurement is 30dBm.

8.3 Test Procedure

1. Check the calibration of the measuring instrument (spectrum analyzer) using either an internal calibrator or a known signal from an external generator.
2. Set the spectrum analyzer as follows: Span = approximately 5 times the 20 dB bandwidth, centered on a hopping channel; RBW > the 20 dB bandwidth of the emission being measured; VBW = RBW=3MHz; Sweep = 60s; Detector function = PK; Trace = max hold
3. Measure the highest amplitude appearing on spectral display and record the level to calculate results.
4. Repeat above procedures until all frequencies measured were complete.

Note: The Peak power were measured

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8.4 Test Results

Type of Modulation: GFSK

EUT	Heidi Remote		Model	HV0
Mode	Keep Transmitting		Input Voltage	DC3.7V
Temperature	24 deg. C,		Humidity	56% RH
Channel	Channel Frequency (MHz)	Max. Power Output (dBm)	Peak Power Limit (dBm)	Pass/ Fail
		Peak		
Low	2402	2.59	30	Pass
Middle	2441	2.25	30	Pass
High	2480	1.52	30	Pass

Note: 1. the result basic equation calculation as follow:

$$\text{Max. Power Output} = \text{Power Reading} + \text{Cable loss} + \text{Attenuator}$$

2. The worse case was recorded
3. The **Peak** power was measured

Type of Modulation: 11/4DQPSK

EUT	Heidi Remote		Model	HV0
Mode	Keep Transmitting		Input Voltage	DC3.7V
Temperature	24 deg. C,		Humidity	56% RH
Channel	Channel Frequency (MHz)	Max. Power Output (dBm)	Peak Power Limit (dBm)	Pass/ Fail
		Peak		
Low	2402	3.19	30	Pass
Middle	2441	2.92	30	Pass
High	2480	2.22	30	Pass

Note: 1. the result basic equation calculation as follow:

$$\text{Max. Power Output} = \text{Power Reading} + \text{Cable loss} + \text{Attenuator}$$

2. The worse case was recorded
3. The **Peak** power was measured

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Type of Modulation: 8DPSK

EUT	Heidi Remote		Model	HV0
Mode	Keep Transmitting		Input Voltage	DC3.7V
Temperature	24 deg. C,		Humidity	56% RH
Channel	Channel Frequency (MHz)	Max. Power Output (dBm)	Peak Power Limit (dBm)	Pass/ Fail
		Peak		
Low	2402	3.22	30	Pass
Middle	2441	2.95	30	Pass
High	2480	2.25	30	Pass

Note: 1. the result basic equation calculation as follow:

$$\text{Max. Power Output} = \text{Power Reading} + \text{Cable loss} + \text{Attenuator}$$

2. The worse case was recorded
3. The **Peak** power was measured

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9. Carrier Frequency Separation

9.1 Regulation

According to §15.247(a)(1), frequency hopping systems shall have hopping channel carrier frequencies separated by a minimum of 25 kHz or the 20 dB bandwidth of the hopping channel, whichever is greater. Alternatively, 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, provided the systems operate with an output power no greater than 125 mW.

9.2 Limits of Carrier Frequency Separation

The Maximum Power Spectral Density Measurement is 25kHz or two-thirds of the 20dB bandwidth of the hopping Channel which is great.

9.3 Test Procedure

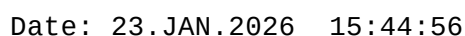
1. Check the calibration of the measuring instrument using either an internal calibrator or a known signal from an external generator.
2. Set the spectrum analyzer as follows: Span = wide enough to capture the peaks of two adjacent channels: Resolution (or IF) Bandwidth (RBW) $\geq$ 1% of the span; Video (or Average) Bandwidth (VBW) $\geq$ RBW; Sweep = auto; Detector function = peak; Trace = max hold
3. Measure the separation between the peaks of the adjacent channels using the marker-delta function.
4. Repeat above procedures until all frequencies measured were complete.

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EUT	Heidi Remote	Model	HV0
Mode	Hopping On	Input Voltage	DC3.7V
Temperature	24 deg. C,	Humidity	56% RH
Carrier Frequency Separation		Limit	Pass/ Fail
1.000MHz		≥ 25 kHz or 2/3 of the 20 dB bandwidth	Pass



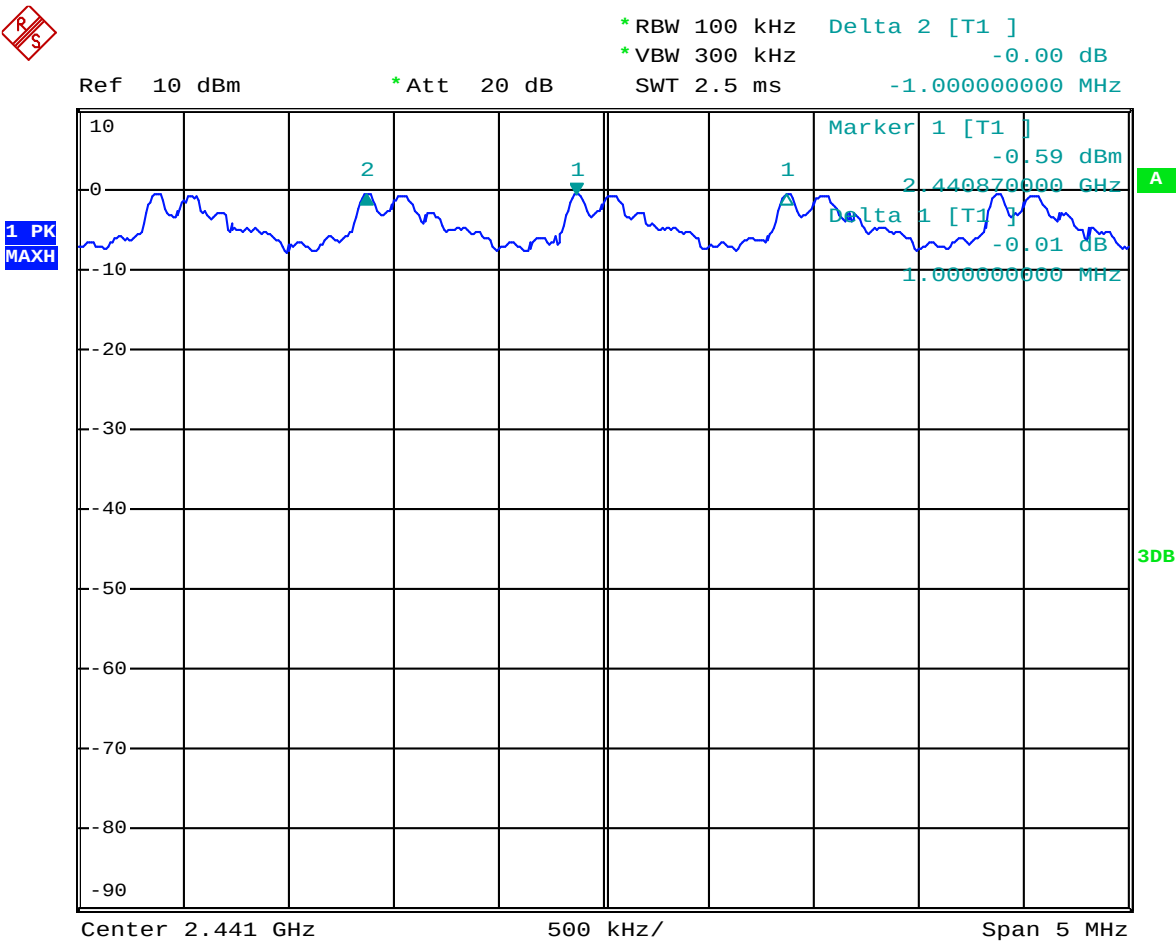
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Type of Modulation: $\pi/4$ DQPSK

EUT	Heidi Remote	Model	HV0
Mode	Hopping On	Input Voltage	DC3.7V
Temperature	24 deg. C,	Humidity	56% RH
Carrier Frequency Separation		Limit	Pass/ Fail
1.000MHz		≥ 25 kHz or 2/3 of 20 dB bandwidth	Pass

Test Plots



Date: 23.JAN.2026 15:56:52

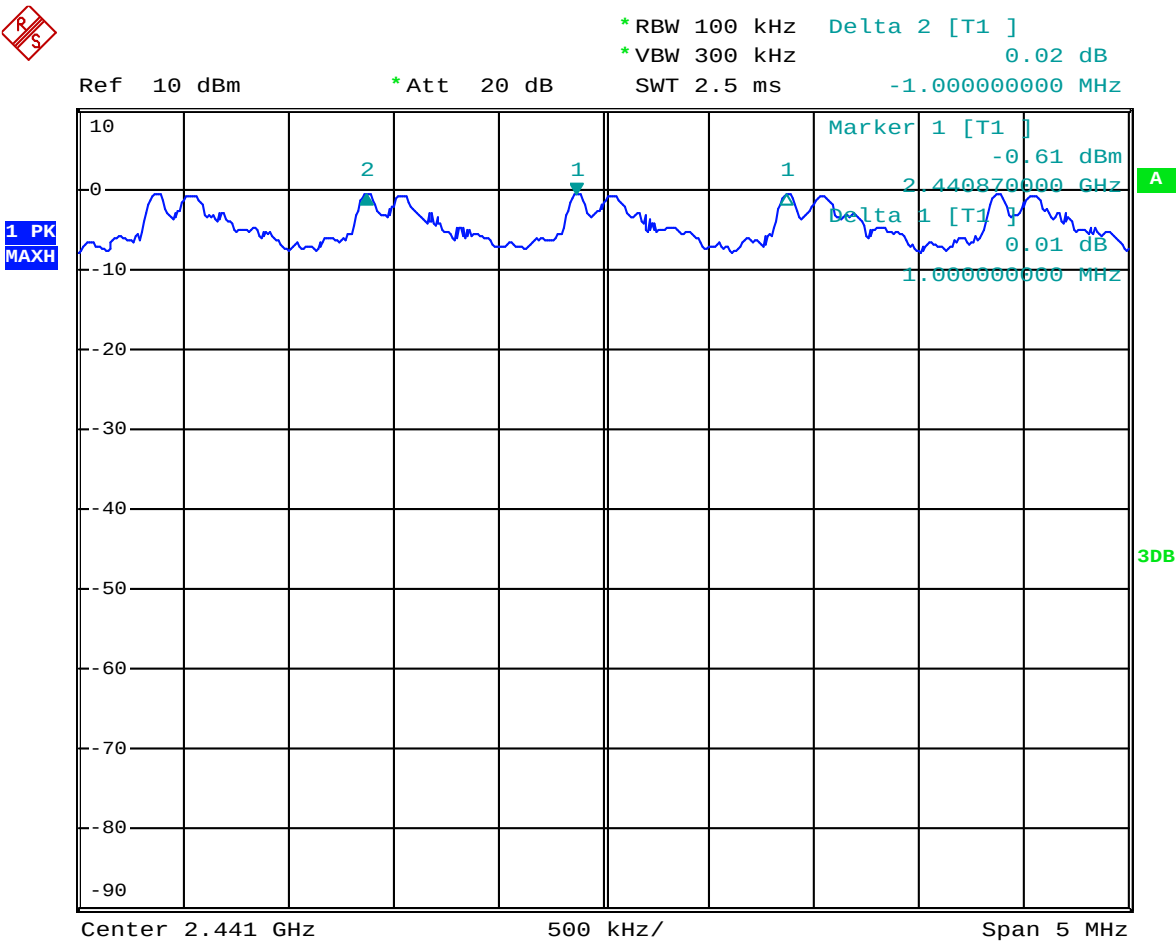
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Type of Modulation: 8DPSK

EUT	Heidi Remote	Model	HV0
Mode	Hopping On	Input Voltage	DC3.7V
Temperature	24 deg. C,	Humidity	56% RH
Carrier Frequency Separation		Limit	Pass/ Fail
1.000MHz		≥ 25 kHz or 2/3 of 20 dB bandwidth	Pass

Test Plots



Date: 23.JAN.2026 16:13:21

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10. Number of Hopping Channels

10.1 Regulation

According to §15.247(a)(1)(iii), frequency hopping systems in the 2400-2483.5 MHz band shall use at least 15 channels. 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. Frequency hopping systems may avoid or suppress transmissions on a particular hopping frequency provided that a minimum of 15 channels are used. According to §15.247(b)(1), for frequency hopping systems operating in the 2400-2483.5 MHz band employing at least 75 non-overlapping hopping channels, and all frequency hopping systems in the 5725-5850 MHz band: 1 watt. For all other frequency hopping systems in the 2400-2483.5 MHz band: 0.125 watts.

10.2 Limits of Number of Hopping Channels

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

10.3 Test Procedure

1. Check the calibration of the measuring instrument using either an internal calibrator or a known signal from an external generator.
2. Set the spectrum analyzer as follows: Span = the frequency band of operation; RBW=100 kHz, VBW=300 kHz; Sweep = auto; Detector function = peak; Trace = max hold
3. Record the number of hopping channels.

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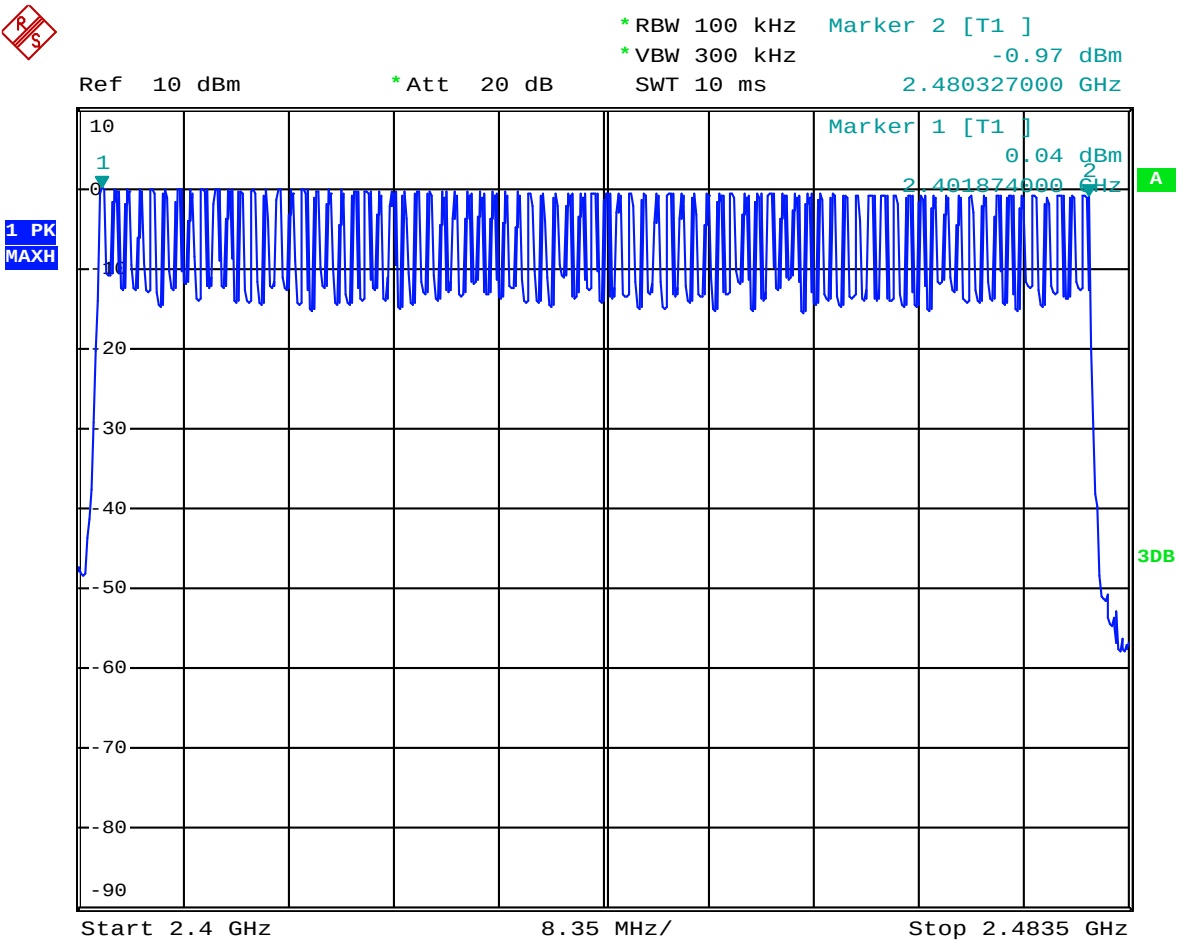


10.4Test Result

Type of Modulation: GFSK

EUT	Heidi Remote	Model	HV0
Mode	Hopping On	Input Voltage	DC3.7V
Temperature	24 deg. C,	Humidity	56% RH
Operating Frequency	Number of hopping channels	Limit	Pass/ Fail
2402-2480MHz	79	≥ 15	Pass

Test Plot



Date: 23.JAN.2026 15:35:53

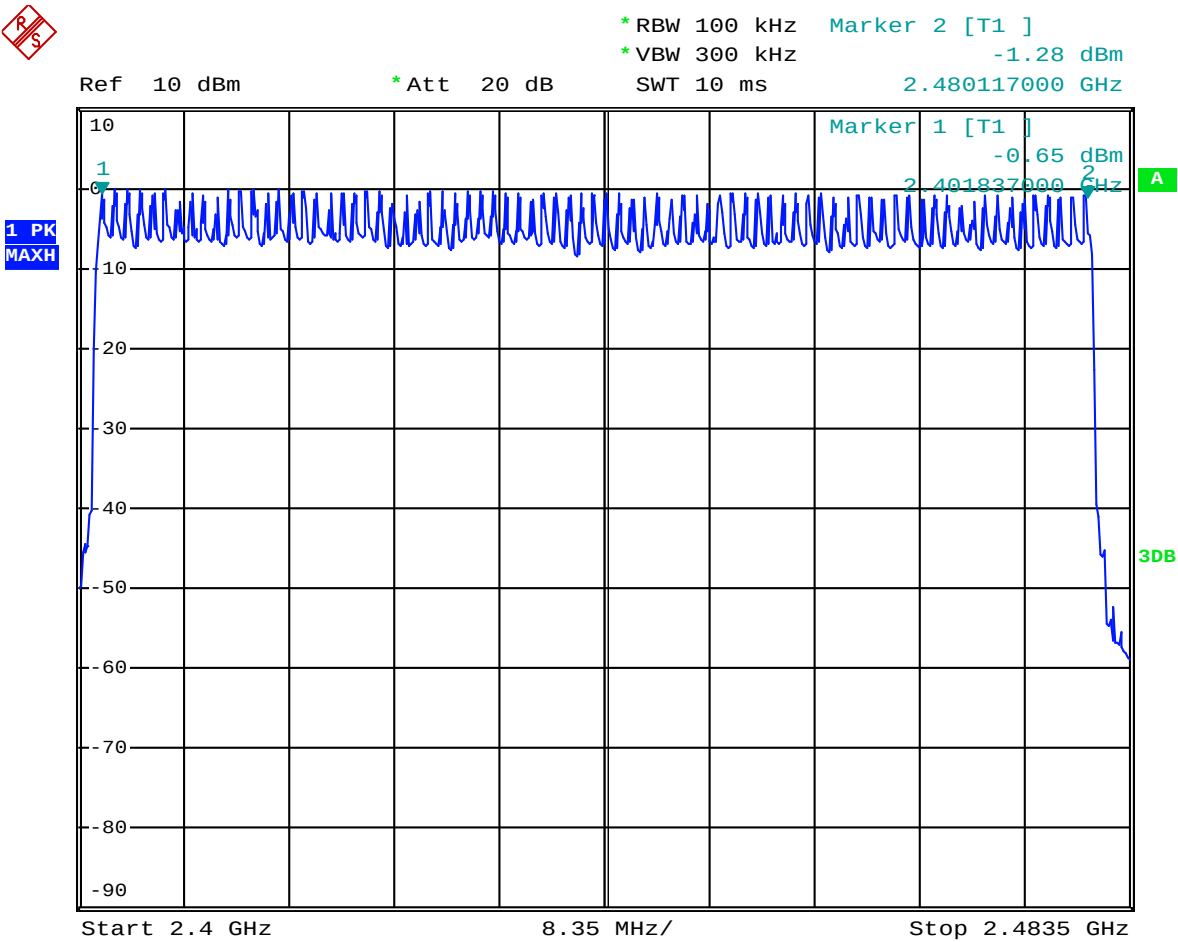
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Type of Modulation: $\pi/4$ DQPSK

EUT	Heidi Remote	Model	HV0
Mode	Hopping On	Input Voltage	DC3.7V
Temperature	24 deg. C,	Humidity	56% RH
Operating Frequency	Number of hopping channels	Limit	Pass/ Fail
2402-2480MHz	79	≥ 15	Pass

Test Plot



Date: 23.JAN.2026 16:00:23

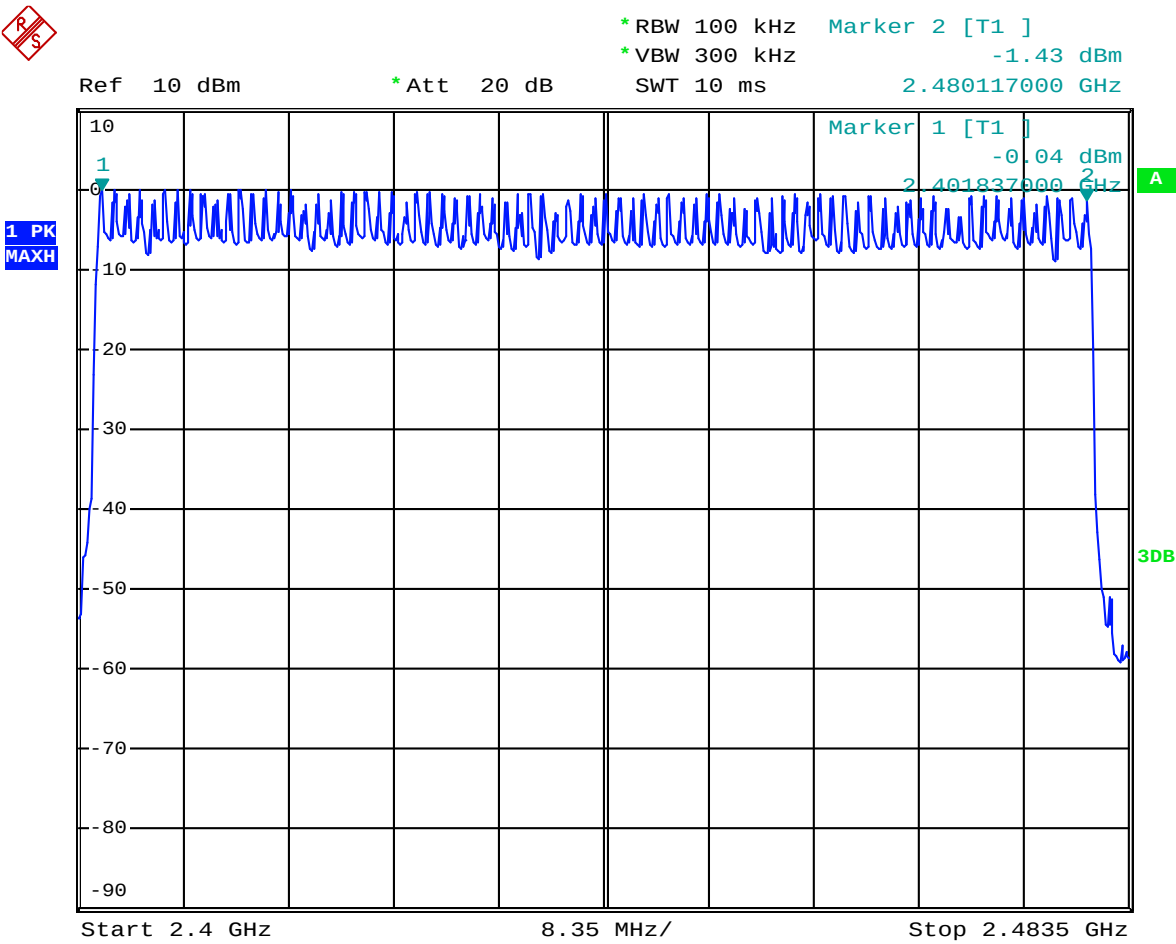
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Type of Modulation: 8DPSK

EUT	Heidi Remote	Model	HV0
Mode	Hopping On	Input Voltage	DC3.7V
Temperature	24 deg. C,	Humidity	56% RH
Operating Frequency	Number of hopping channels	Limit	Pass/ Fail
2402-2480MHz	79	≥ 15	Pass

Test Plot



Date: 23.JAN.2026 16:03:36

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11. Time of Occupancy (Dwell Time)

11.1 Regulation

According to §15.247(a)(1)(iii), frequency hopping systems in the 2400-2483.5 MHz band shall use at least 15 channels. 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. Frequency hopping systems may avoid or suppress transmissions on a particular hopping frequency provided that a minimum of 15 channels are used.

11.2 Limits of Carrier Frequency Separation

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

11.3 Test Procedure

1. Check the calibration of the measuring instrument using either an internal calibrator or a known signal from an external generator.
2. Set the spectrum analyzer as follows: Span = zero span, centered on a hopping channel; RBW = 1 MHz; VBW $\geq$ RBW; Sweep = as necessary to capture the entire dwell time per hopping channel; Detector function = peak; Trace = max hold
3. Measure the dwell time using the marker-delta function.
4. Repeat above procedures until all frequencies measured were complete.
5. Repeat this test for different modes of operation (e.g., data rate, modulation format, etc.), if applicable.

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11.4 Test Result

Type of Modulation: GFSK

EUT	Heidi Remote	Model	HV0	
Mode	Keep Transmitting	Input Voltage	DC3.7V	
Temperature	24 deg. C,	Humidity	56% RH	
Channel	Reading	Hopping Rate	Actual	Limit
DH5				
Middle	2.960ms	266.667 hop/s	0.316s	0.4s
DH3				
Middle	1.680ms	400 hop/s	0.269s	0.4s
DH1				
Middle	0.440ms	800 hop/s	0.141s	0.4s

Actual = Reading × (Hopping rate / Number of channels) × Test period, Test period = 0.4 [seconds / channel] × 79 [channel] = 31.6 [seconds] NOTE: The EUT makes worst case 1600 hops per second or 1 time slot has a length of 625μs with 79 channels.

A DH5 Packet needs 5 time slot for transmitting and 1 time slot for receiving. Then the EUT makes worst case 266.667 hops per second with 79 channels.

A DH3 Packet needs 3 time slot for transmitting and 1 time slot for receiving. Then the EUT makes worst case 400 hops per second with 79 channels.

A DH1 Packet needs 1 time slot for transmitting and 1 time slot for receiving. Then the EUT makes worst case 800 hops per second with 79 channels.

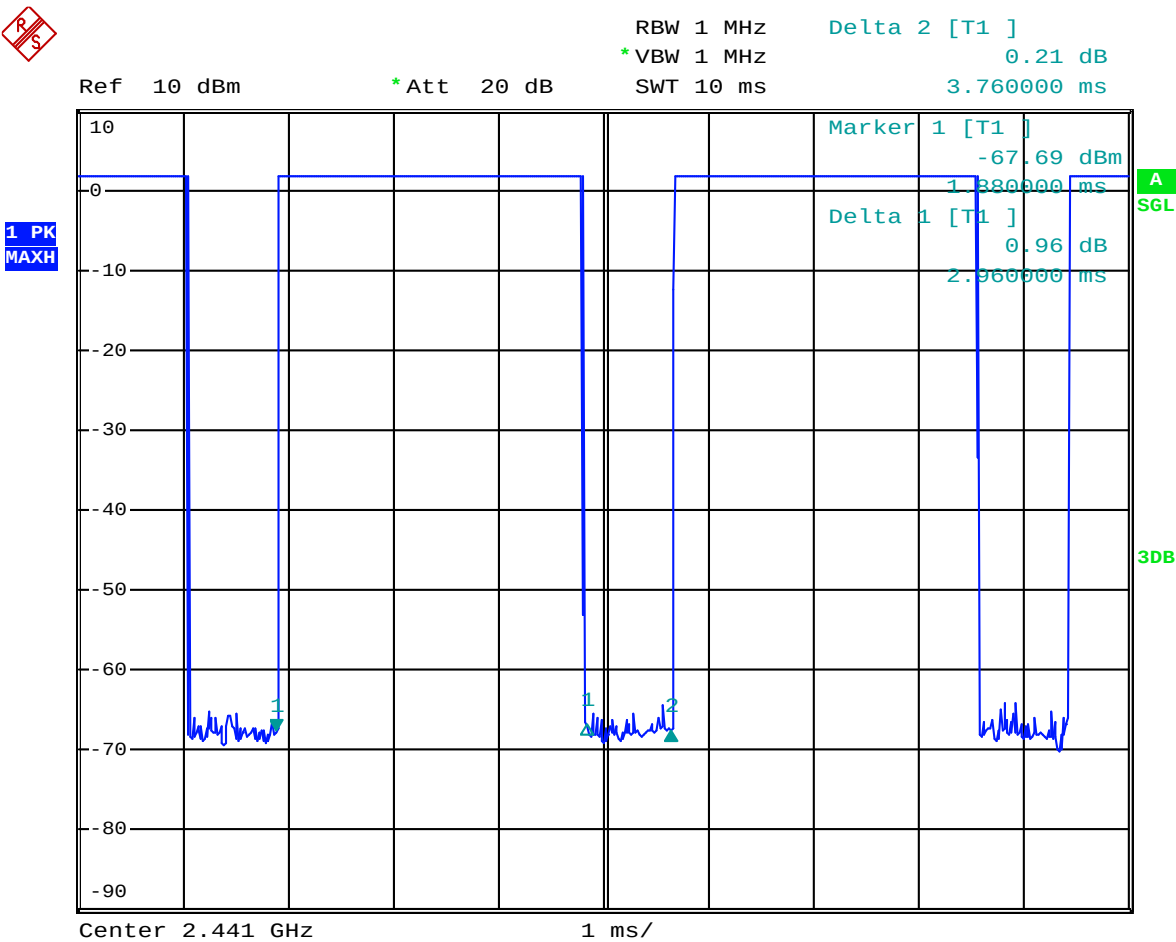
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Test Plots:
DH5

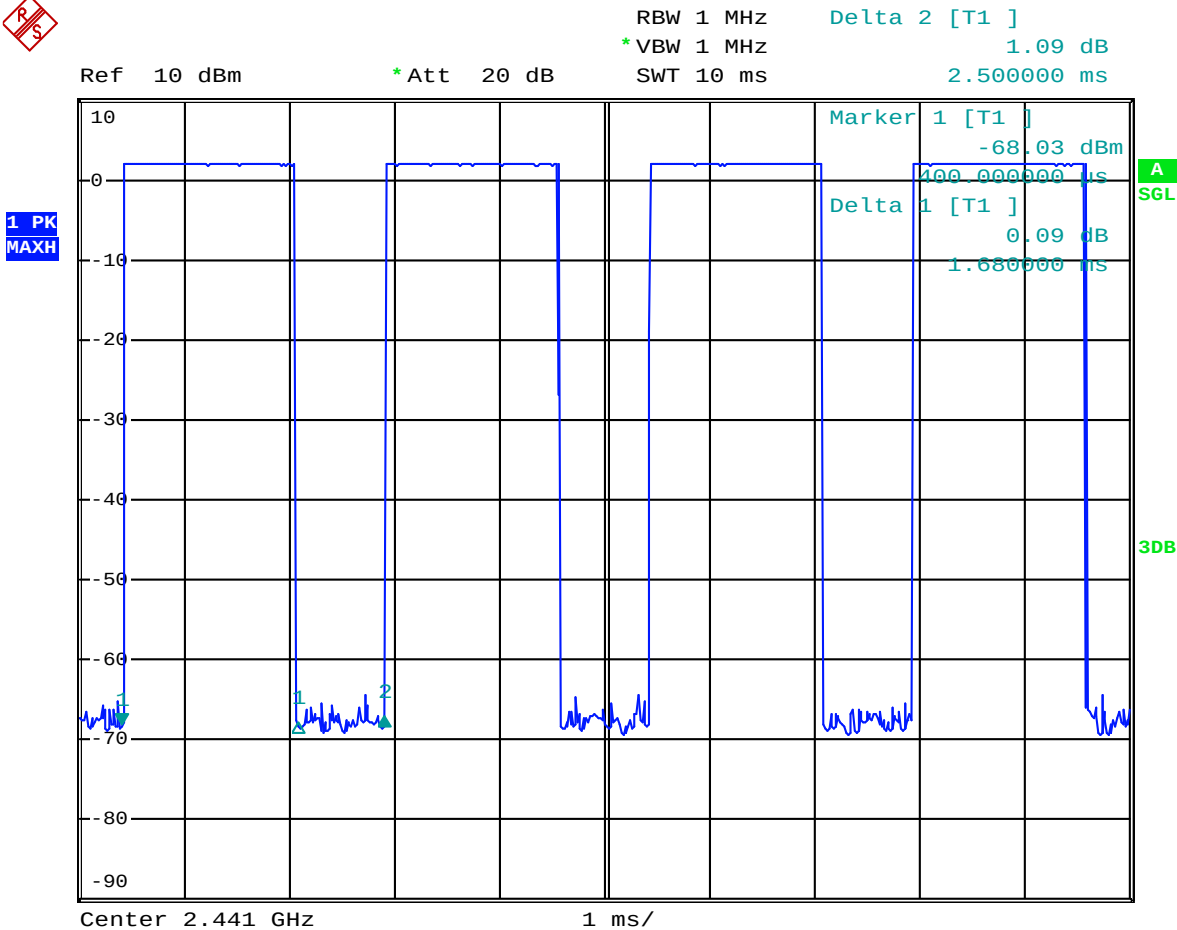


Date: 26.JAN.2026 11:18:13

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DH3

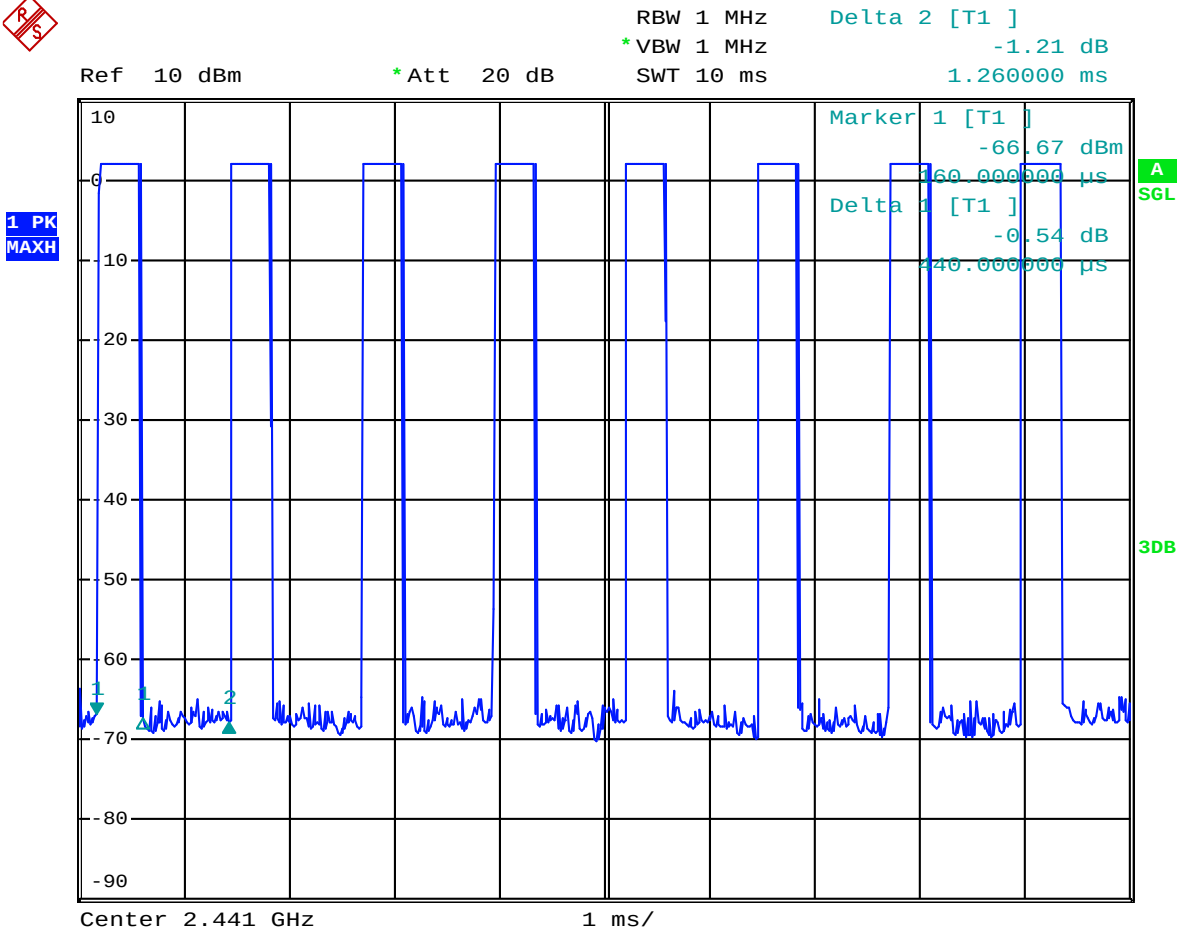


Date: 26.JAN.2026 11:17:24

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DH1



Date: 26.JAN.2026 11:16:28

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Test Result

Type of Modulation: $\pi/4$ DQPSK

EUT	Heidi Remote	Model	HV0	
Mode	Keep Transmitting	Input Voltage	DC3.7V	
Temperature	24 deg. C,	Humidity	56% RH	
Channel	Reading	Hopping Rate	Actual	Limit
2DH5				
Middle	2.960ms	266.667 hop/s	0.316s	0.4s
2DH3				
Middle	1.700ms	400 hop/s	0.272s	0.4s
2DH1				
Middle	0.460ms	800 hop/s	0.147s	0.4s

Actual = Reading $\times$ (Hopping rate / Number of channels) $\times$ Test period, Test period = 0.4 [seconds / channel] $\times$ 79 [channel] = 31.6 [seconds] NOTE: The EUT makes worst case 1600 hops per second or 1 time slot has a length of 625 μ s with 79 channels.

A DH5 Packet needs 5 time slot for transmitting and 1 time slot for receiving. Then the EUT makes worst case 266.667 hops per second with 79 channels.

A DH3 Packet needs 3 time slot for transmitting and 1 time slot for receiving. Then the EUT makes worst case 400 hops per second with 79 channels.

A DH1 Packet needs 1 time slot for transmitting and 1 time slot for receiving. Then the EUT makes worst case 800 hops per second with 79 channels.

The report refers only to the sample tested and does not apply to the bulk.

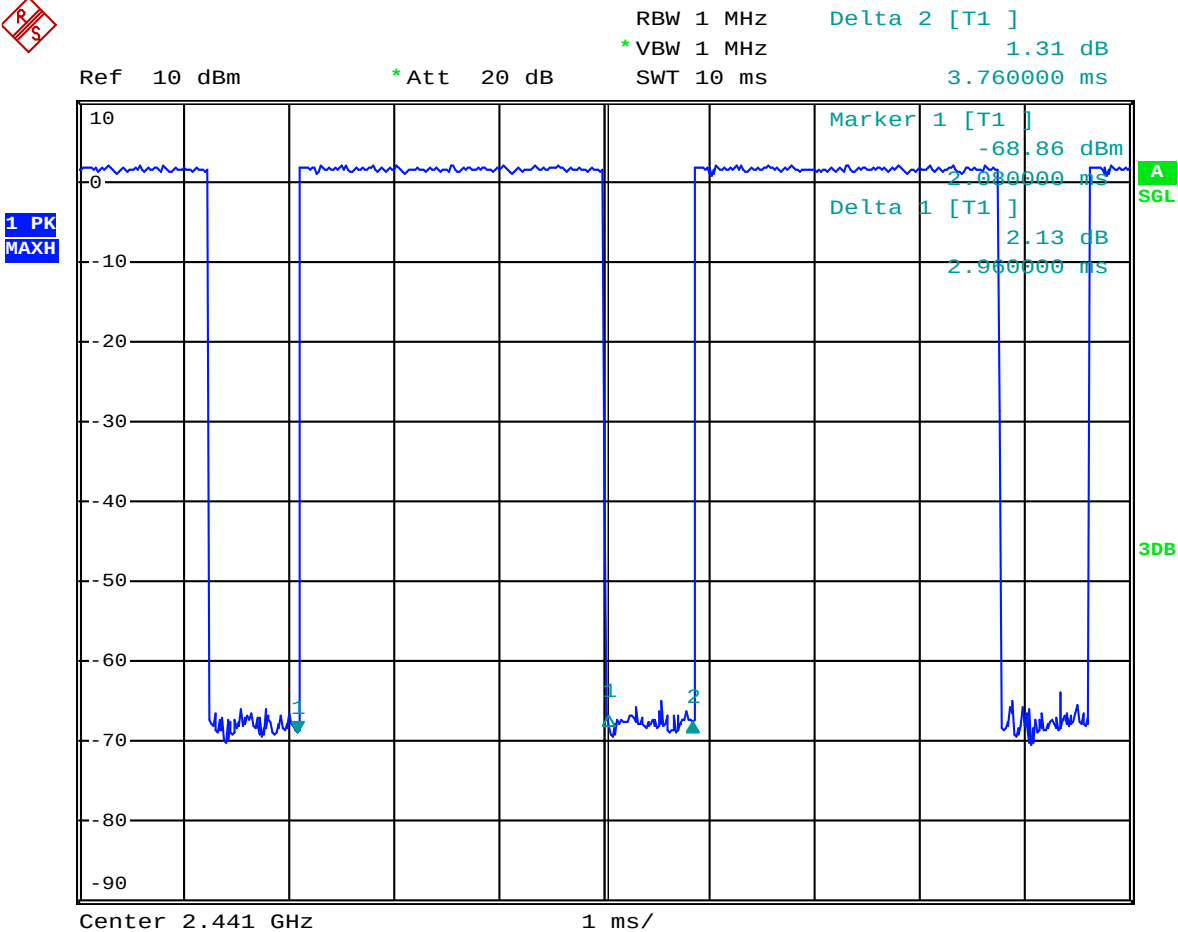
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Test Plots:

2DH5

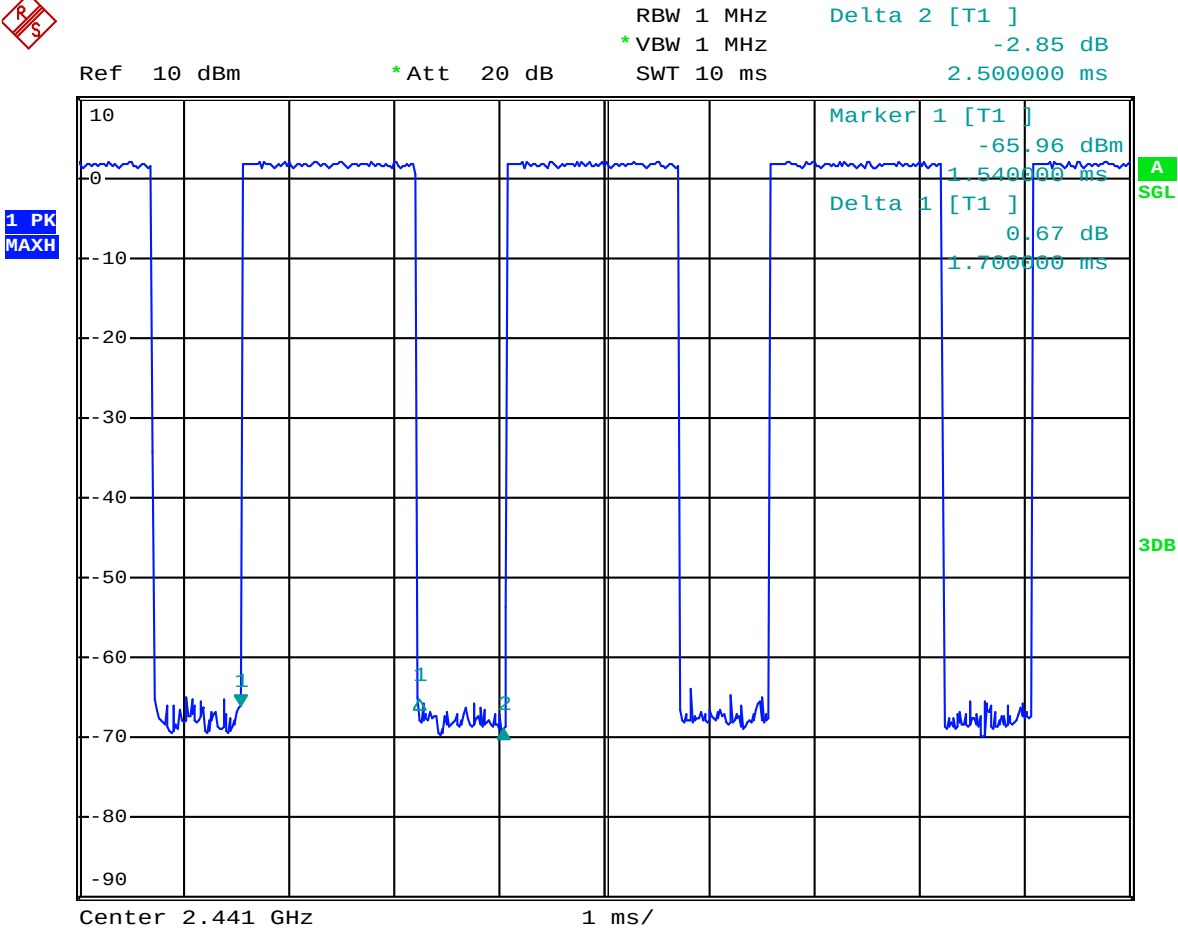


Date: 26.JAN.2026 11:30:46

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2DH3

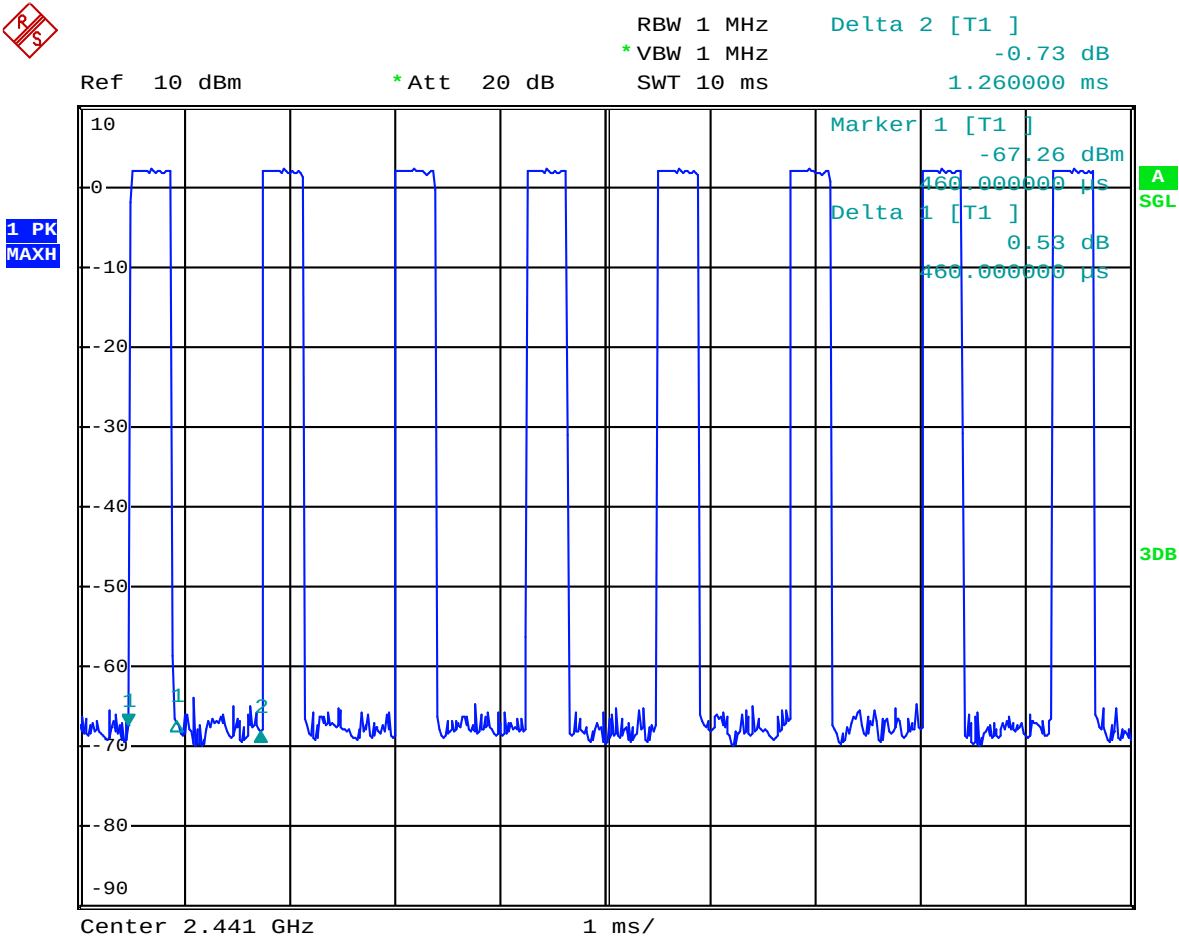


Date: 26.JAN.2026 11:27:50

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2DH1



Date: 26.JAN.2026 11:21:43

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Type of Modulation: 8DPSK

EUT	Heidi Remote	Model	HV0	
Mode	Keep Transmitting	Input Voltage	DC3.7V	
Temperature	24 deg. C,	Humidity	56% RH	
Channel	Reading	Hopping Rate	Actual	Limit
3DH5				
Middle	2.960ms	266.667 hop/s	0.316s	0.4s
3DH3				
Middle	1.700ms	400 hop/s	0.272s	0.4s
3DH1				
Middle	0.440ms	800 hop/s	0.141s	0.4s

Actual = Reading $\times$ (Hopping rate / Number of channels) $\times$ Test period, Test period = 0.4 [seconds / channel] $\times$ 79 [channel] = 31.6 [seconds] NOTE: The EUT makes worst case 1600 hops per second or 1 time slot has a length of 625 μ s with 79 channels.

A DH5 Packet needs 5 time slot for transmitting and 1 time slot for receiving. Then the EUT makes worst case 266.667 hops per second with 79 channels.

A DH3 Packet needs 3 time slot for transmitting and 1 time slot for receiving. Then the EUT makes worst case 400 hops per second with 79 channels.

A DH1 Packet needs 1 time slot for transmitting and 1 time slot for receiving. Then the EUT makes worst case 800 hops per second with 79 channels.

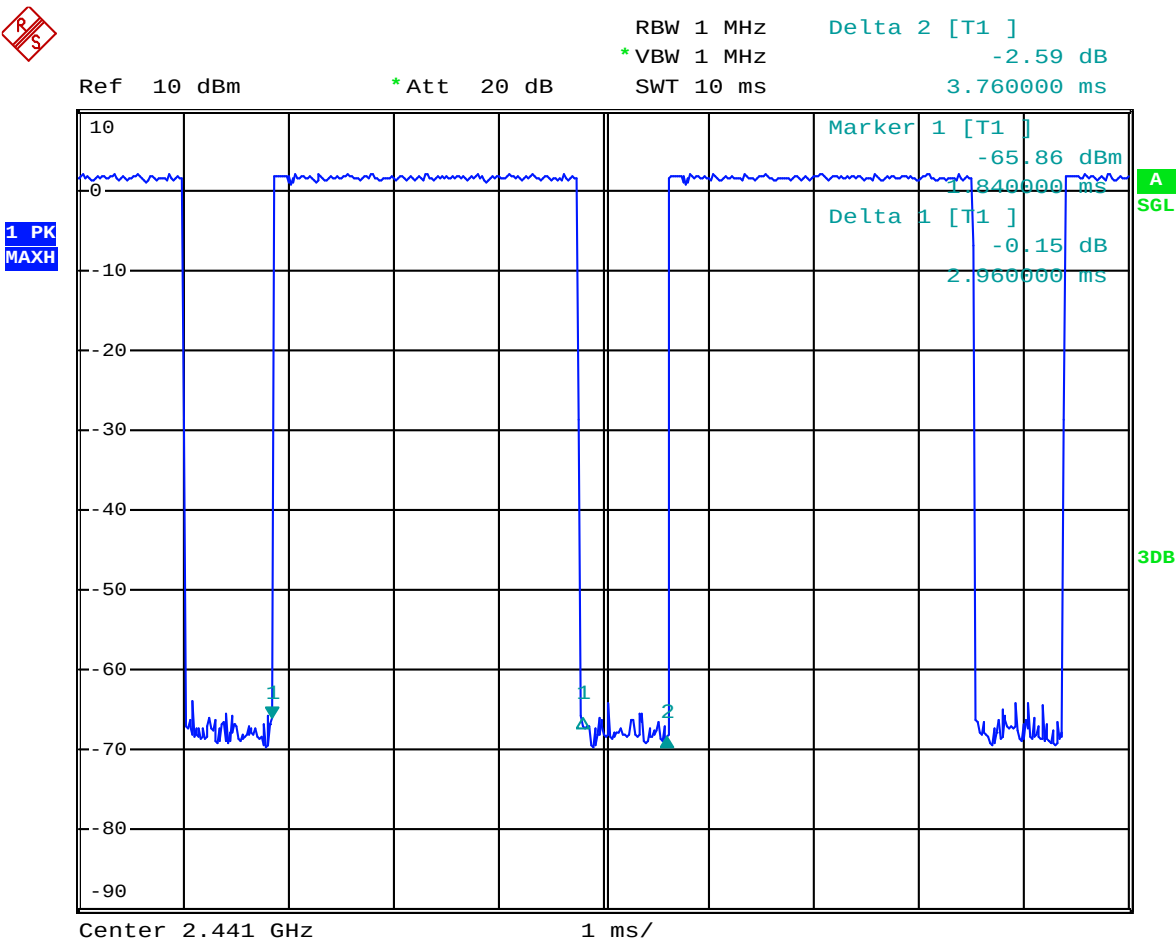
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Test Plots:
3DH5

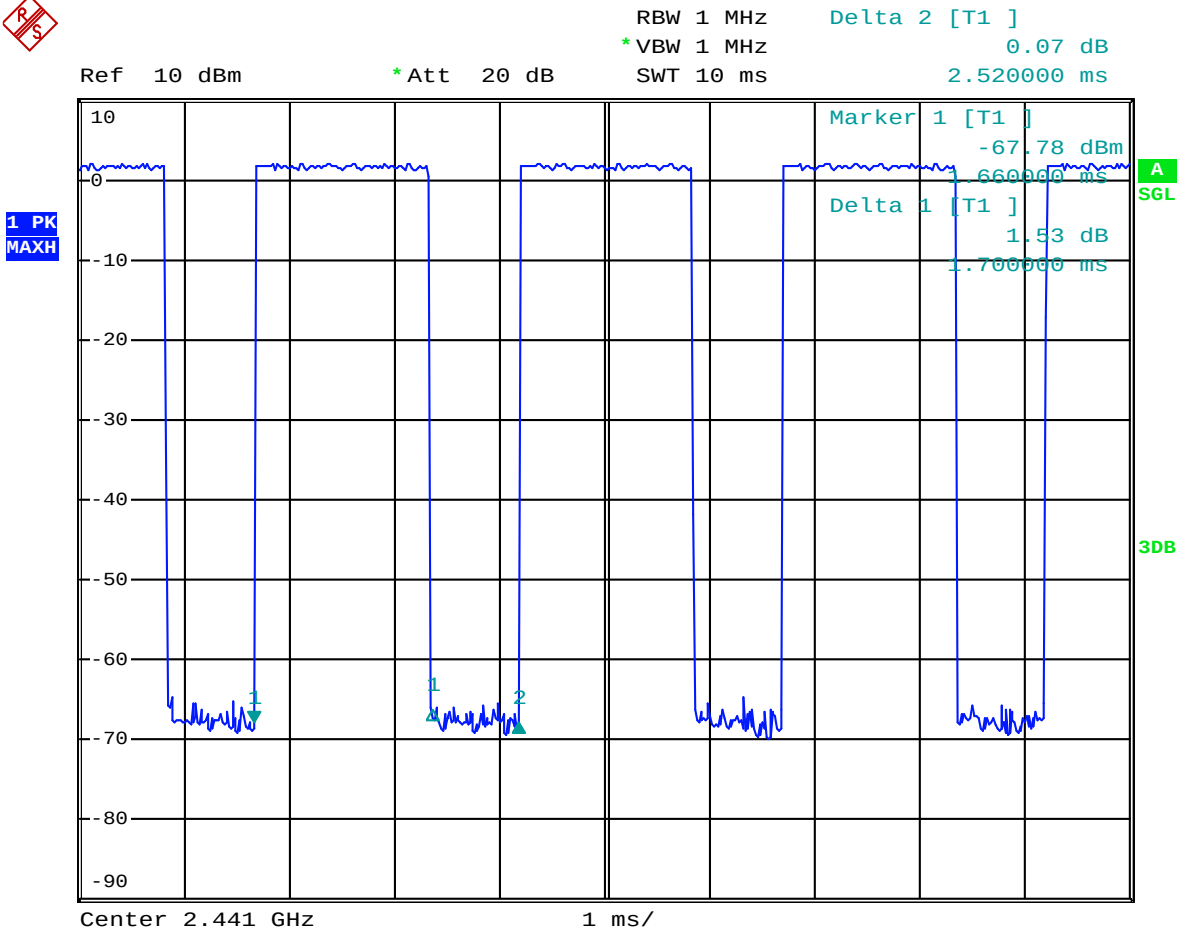


Date: 26.JAN.2026 11:31:06

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3DH3

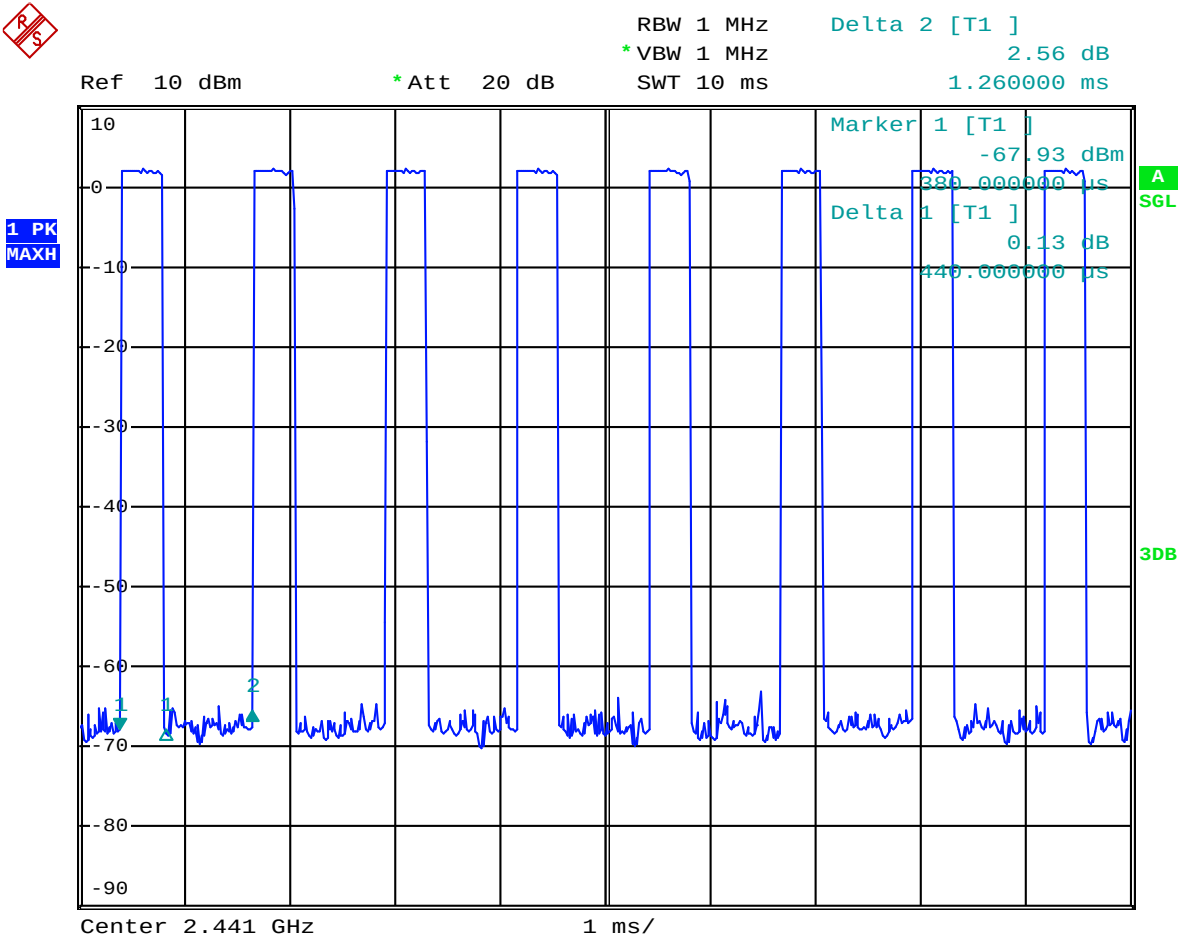


Date: 26.JAN.2026 11:26:45

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3DH1



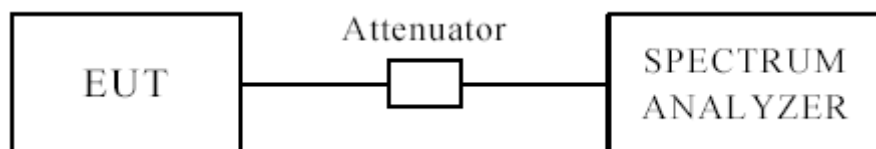
Date: 26.JAN.2026 11:22:37

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12 Out of Band Measurement

12.1 Test Setup



The restricted band requirement based on radiated emission test; please see the clause 6 for the test setup

12.2 Limits of Out of Band Emissions Measurement

1. Below -20dB of the highest emission level of operating band (in 100kHz Resolution Bandwidth).
2. Fall in the restricted bands listed in section 15.205. The maximum permitted average field strength is listed in section 15.209.

12.3 Test Procedure

For signals in the restricted bands above and below the $2.4\text{--}2.483\text{GHz}$ allocated band a measurement was made of radiated emission test. Peak values with $\text{RBW}=\text{VBW}=1\text{MHz}$ and PK detector.

For bandage test, the spectrum set as follows: $\text{RBW}=100\text{kHz}$, $\text{VBW}=300\text{ kHz}$. A conducted measurement used

Note: 1. For band-edge measurement, the frequency from 30MHz – 25GHz was tested. And It met the FCC rule.

2. This is a handheld device. The radiated emissions should be tested under 3-axes position (Lying, Side, and Stand), After pre-test. It was found that the worse radiated emission was get at the lying position.

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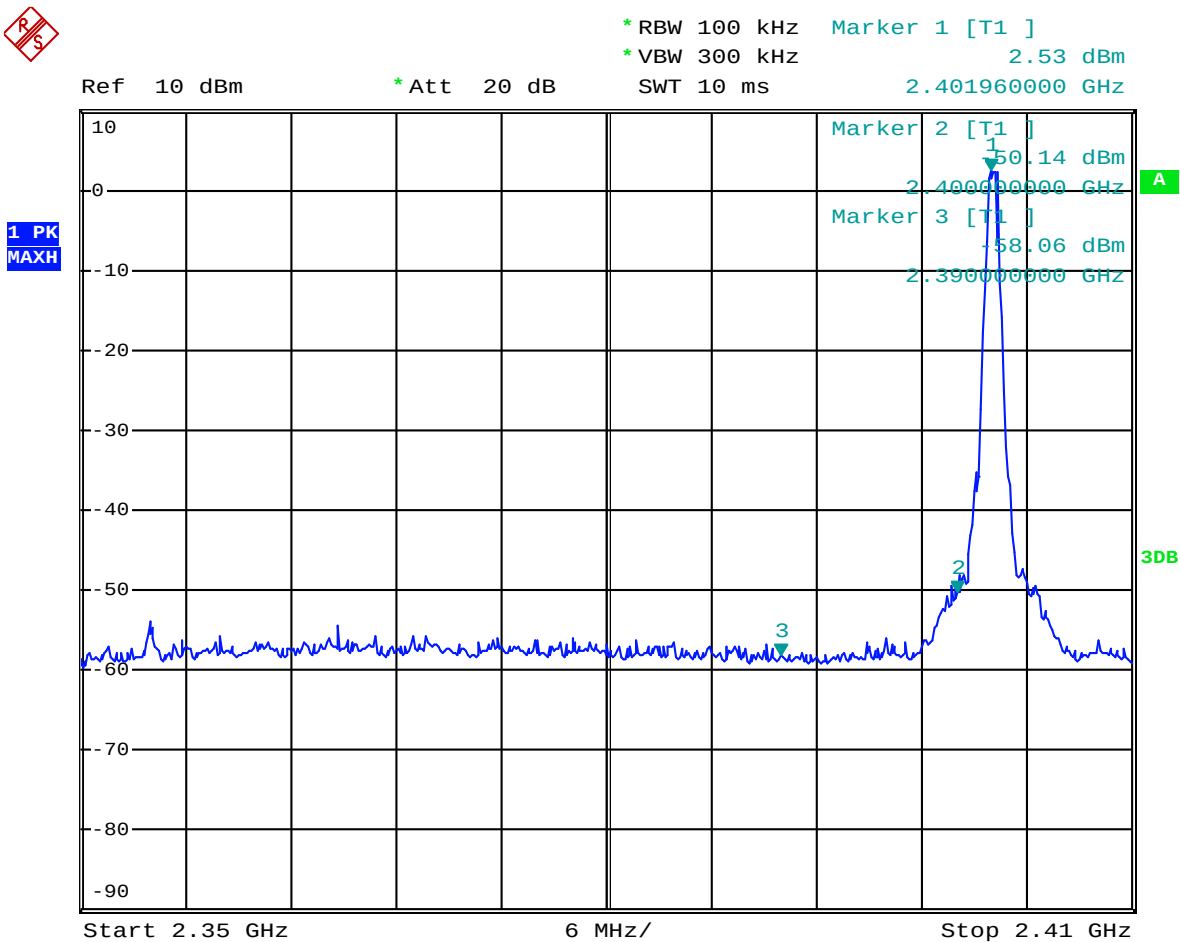


Type of Modulation: GFSK

12.4 Band Edge Test Result

Product:	Heidi Remote	Test Mode:	HV0
Mode	Keeping Transmitting	Input Voltage	DC3.7V
Temperature	24 deg. C	Humidity	56% RH
Test Result:	Pass	Detector	PK

Test Figure:



Date: 26.JAN.2026 10:48:25

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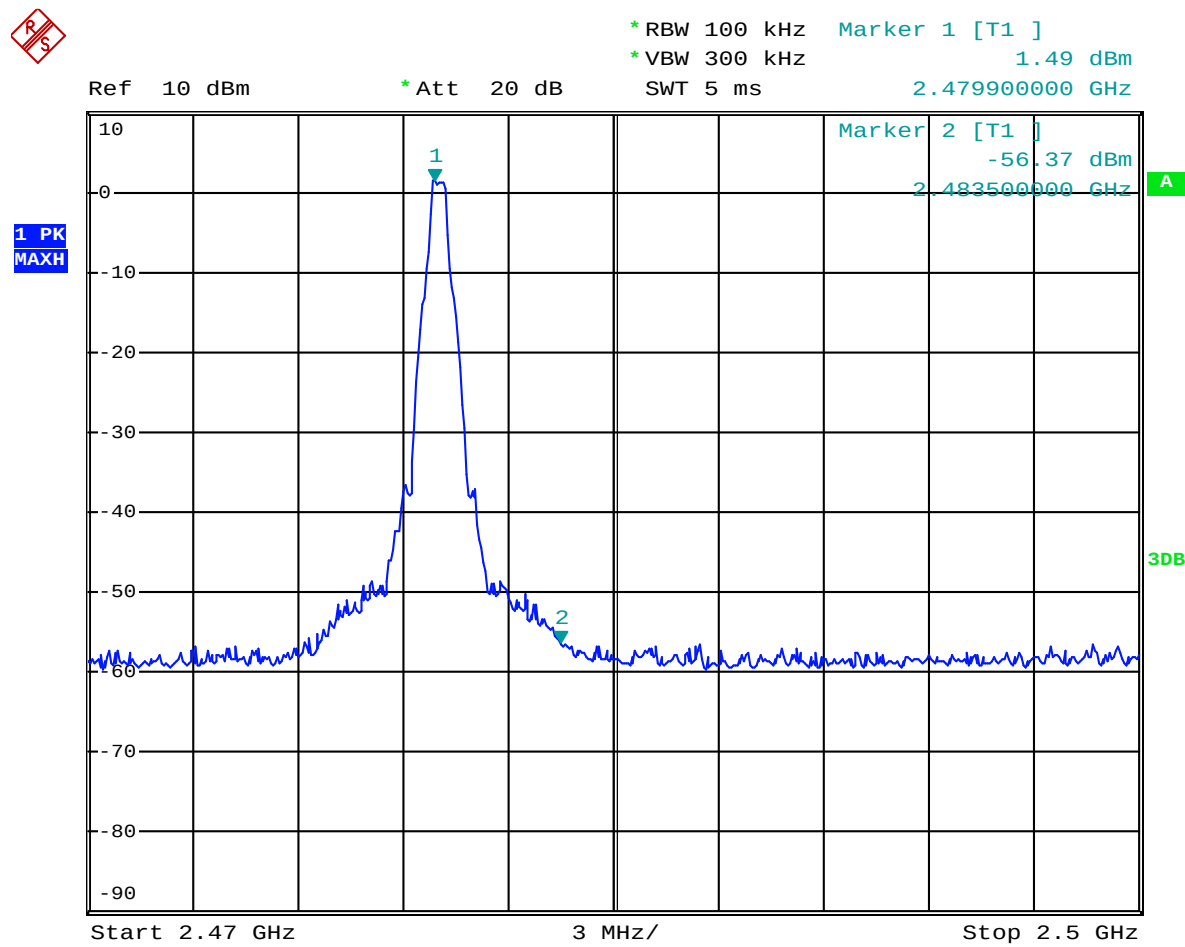


Type of Modulation: GFSK

12.4 Band Edge Test Result

Product:	Heidi Remote	Test Mode:	HV0
Mode	Keeping Transmitting	Input Voltage	DC3.7V
Temperature	24 deg. C,	Humidity	56% RH
Test Result:	Pass	Detector	PK

Test Figure:



Date: 26.JAN.2026 10:45:46

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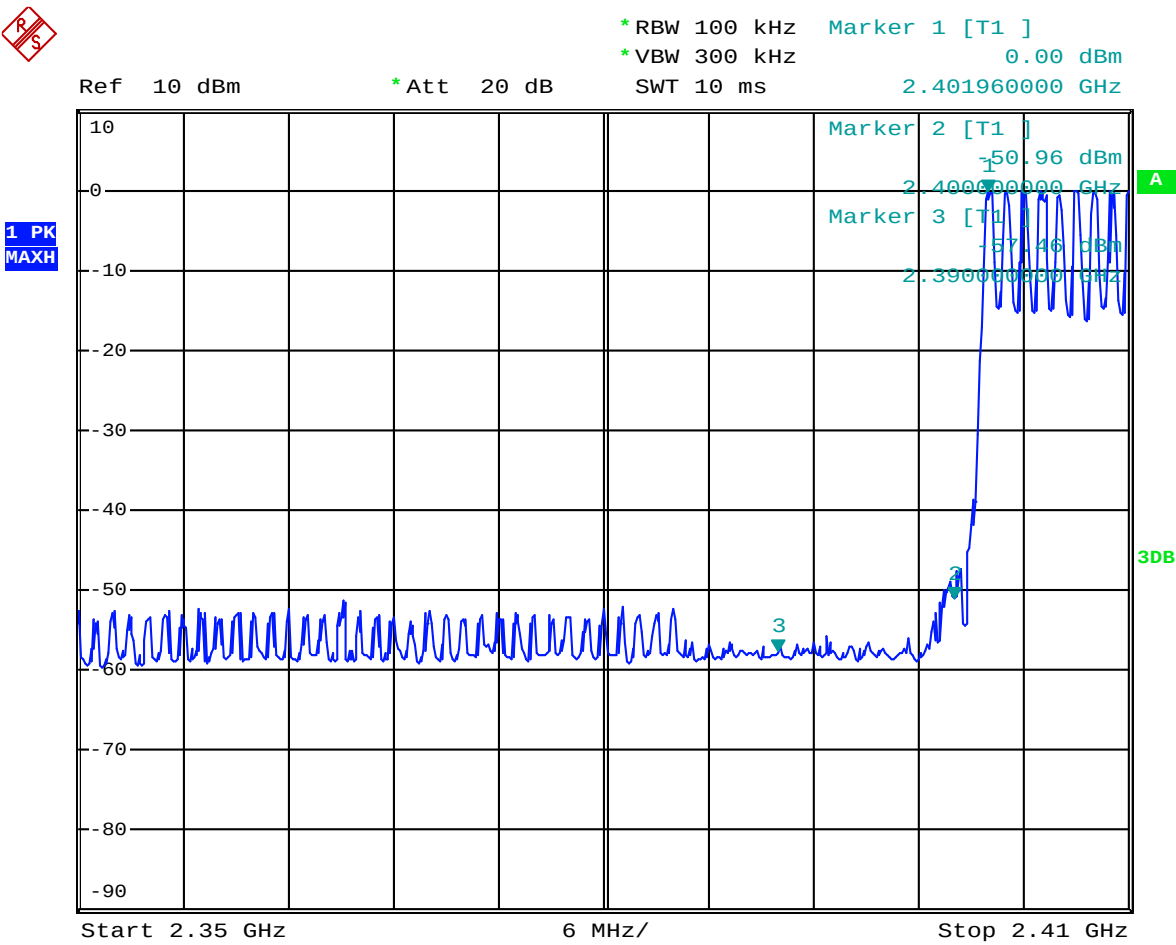


Type of Modulation: GFSK

12.4 Band Edge Test Result

Product:	Heidi Remote	Test Mode:	HV0
Mode	Hopping On	Input Voltage	DC3.7V
Temperature	24 deg. C,	Humidity	56% RH
Test Result:	Pass	Detector	PK

Test Figure:



Date: 23.JAN.2026 16:28:28

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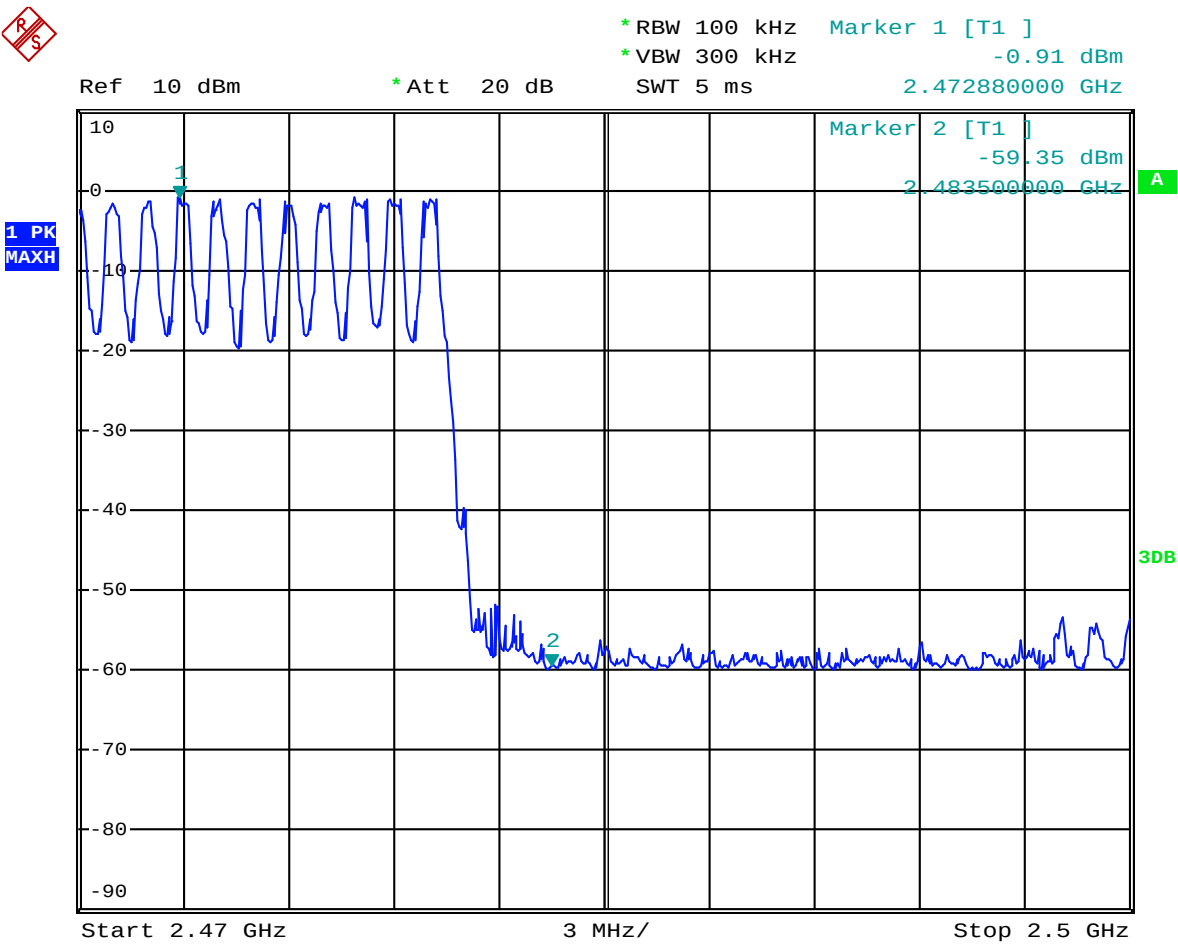


Type of Modulation: GFSK

12.4 Band Edge Test Result

Product:	Heidi Remote	Test Mode:	HV0
Mode	Hopping On	Input Voltage	DC3.7V
Temperature	24 deg. C,	Humidity	56% RH
Test Result:	Pass	Detector	PK

Test Figure:



Date: 23.JAN.2026 16:30:23

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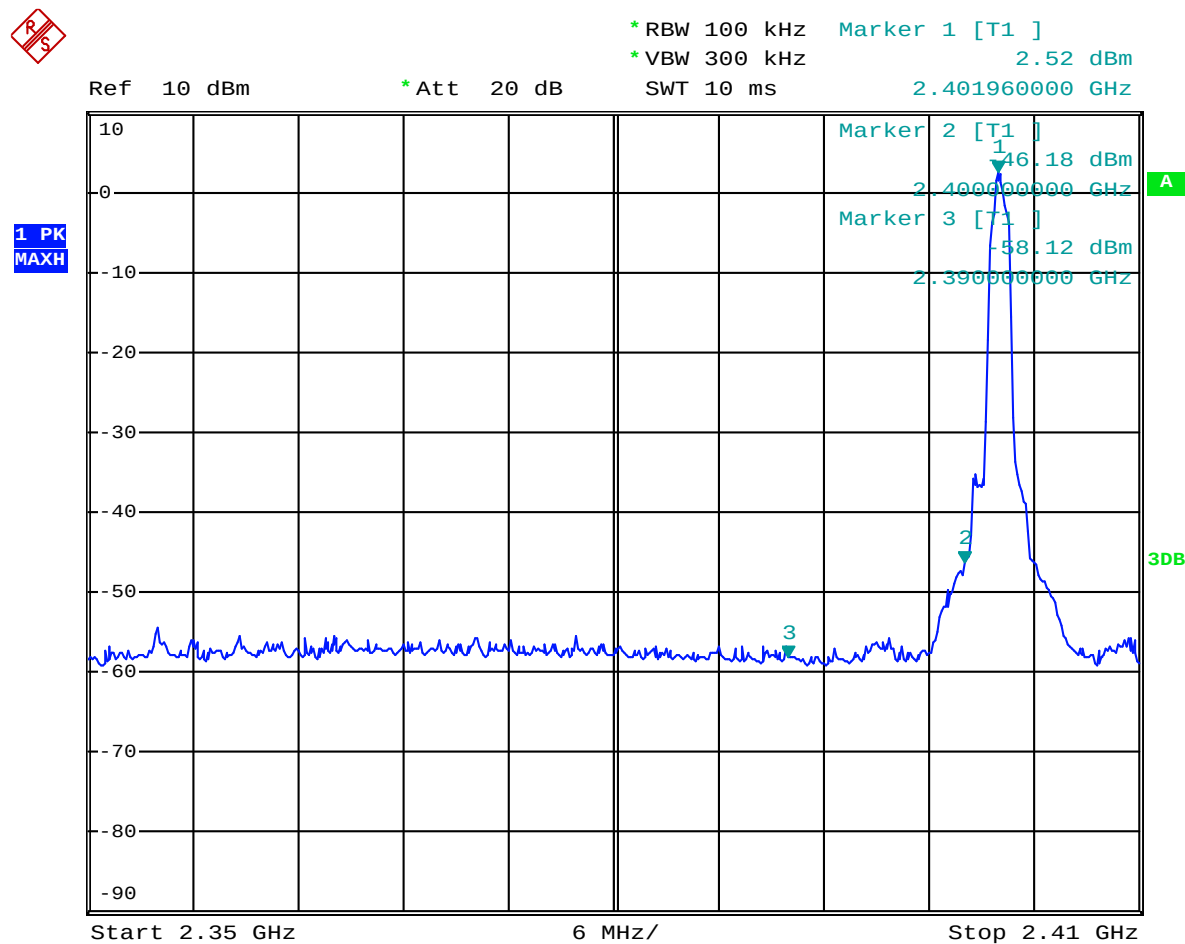


Type of Modulation: $\pi/4$ QPSK

12.4 Out of Band Test Result

Product:	Heidi Remote	Test Mode:	HV0
Mode	Keeping Transmitting	Input Voltage	DC3.7V
Temperature	24 deg. C	Humidity	56% RH
Test Result:	Pass	Detector	PK

Test Figure:



Date: 26.JAN.2026 10:51:28

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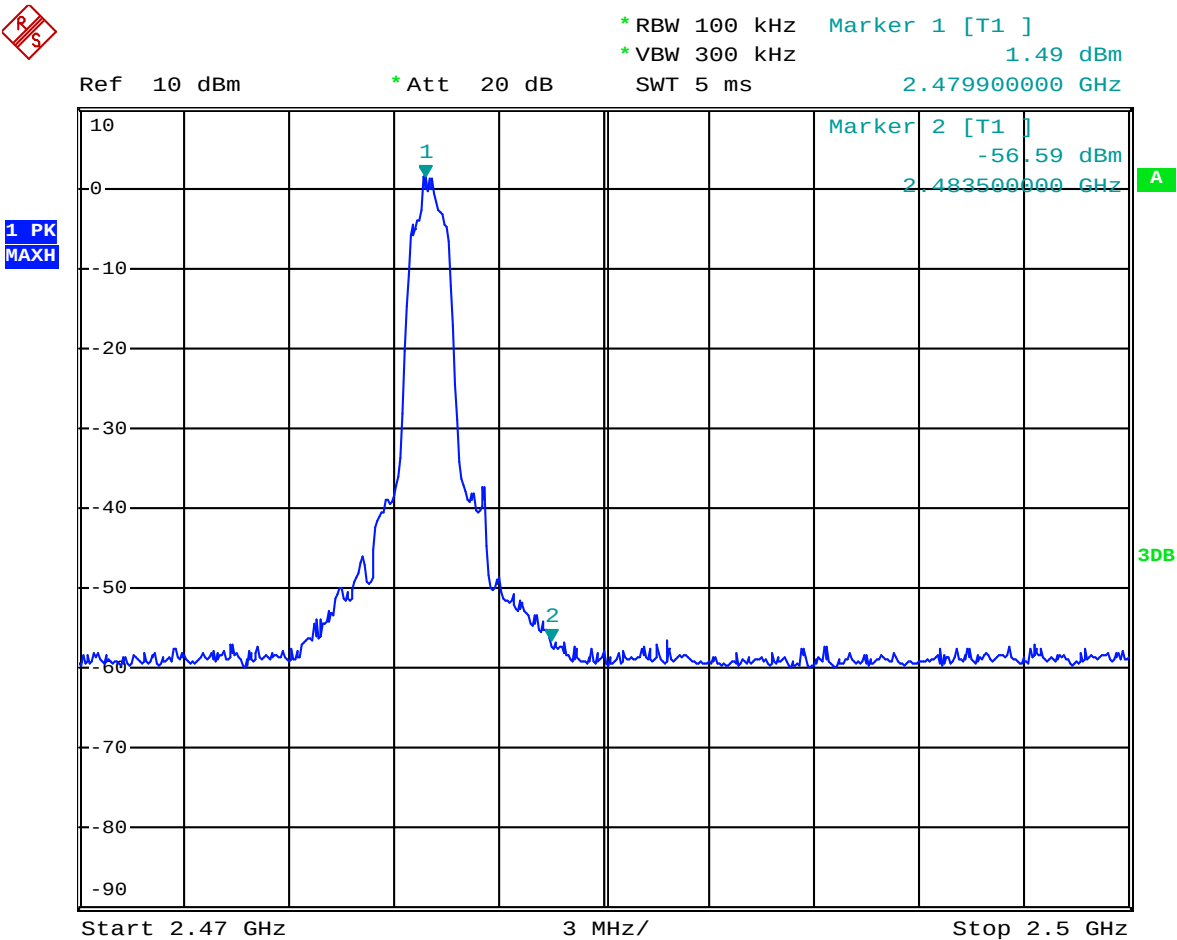


Type of Modulation: $\pi/4$ QPSK

12.4 Band Edge Test Result

Product:	Heidi Remote	Test Mode:	HV0
Mode	Keeping Transmitting	Input Voltage	DC3.7V
Temperature	24 deg. C,	Humidity	56% RH
Test Result:	Pass	Detector	PK

Test Figure:



Date: 26.JAN.2026 10:40:00

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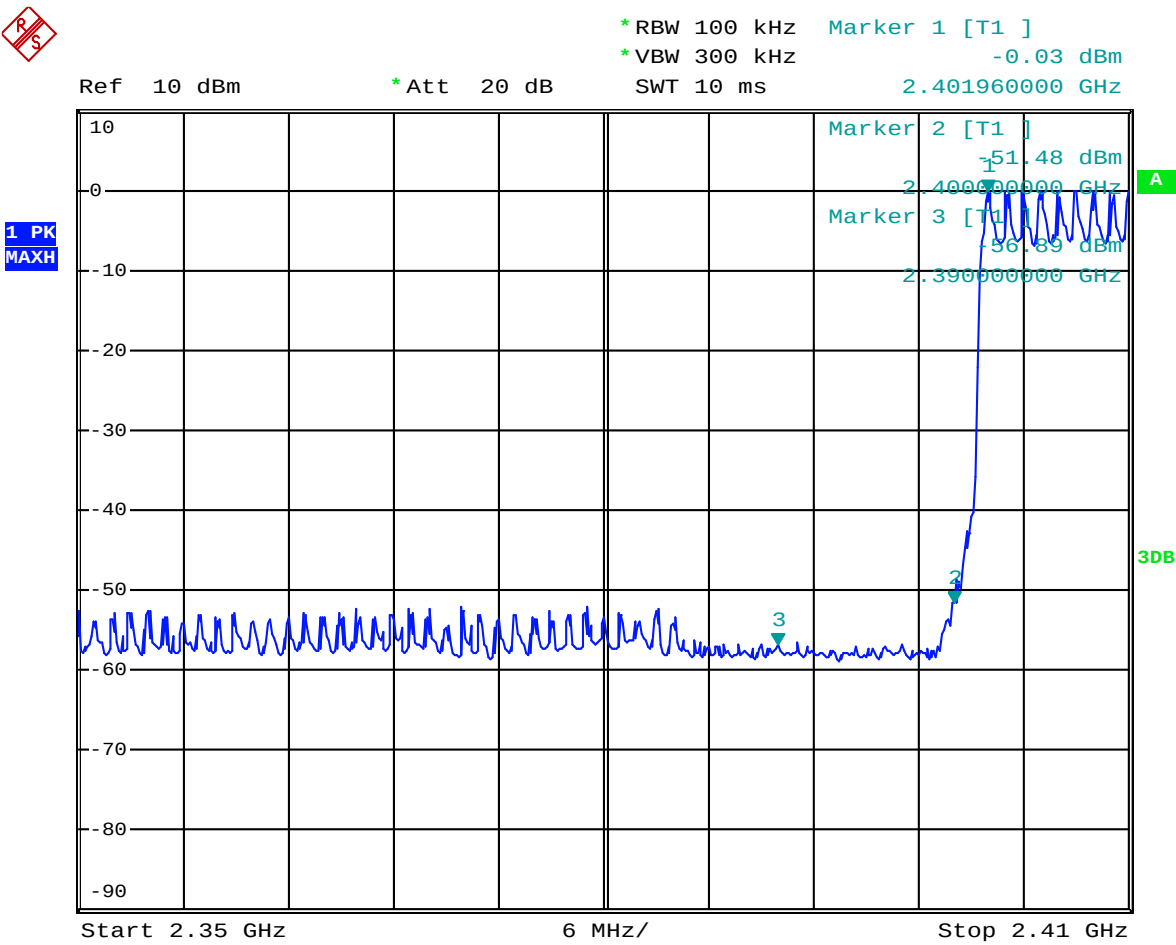


Type of Modulation: $\pi/4$ QPSK

12.4 Out of Band Test Result

Product:	Heidi Remote	Test Mode:	HV0
Mode	Hopping On	Input Voltage	DC3.7V
Temperature	24 deg. C,	Humidity	56% RH
Test Result:	Pass	Detector	PK

Test Figure:



Date: 23.JAN.2026 16:23:07

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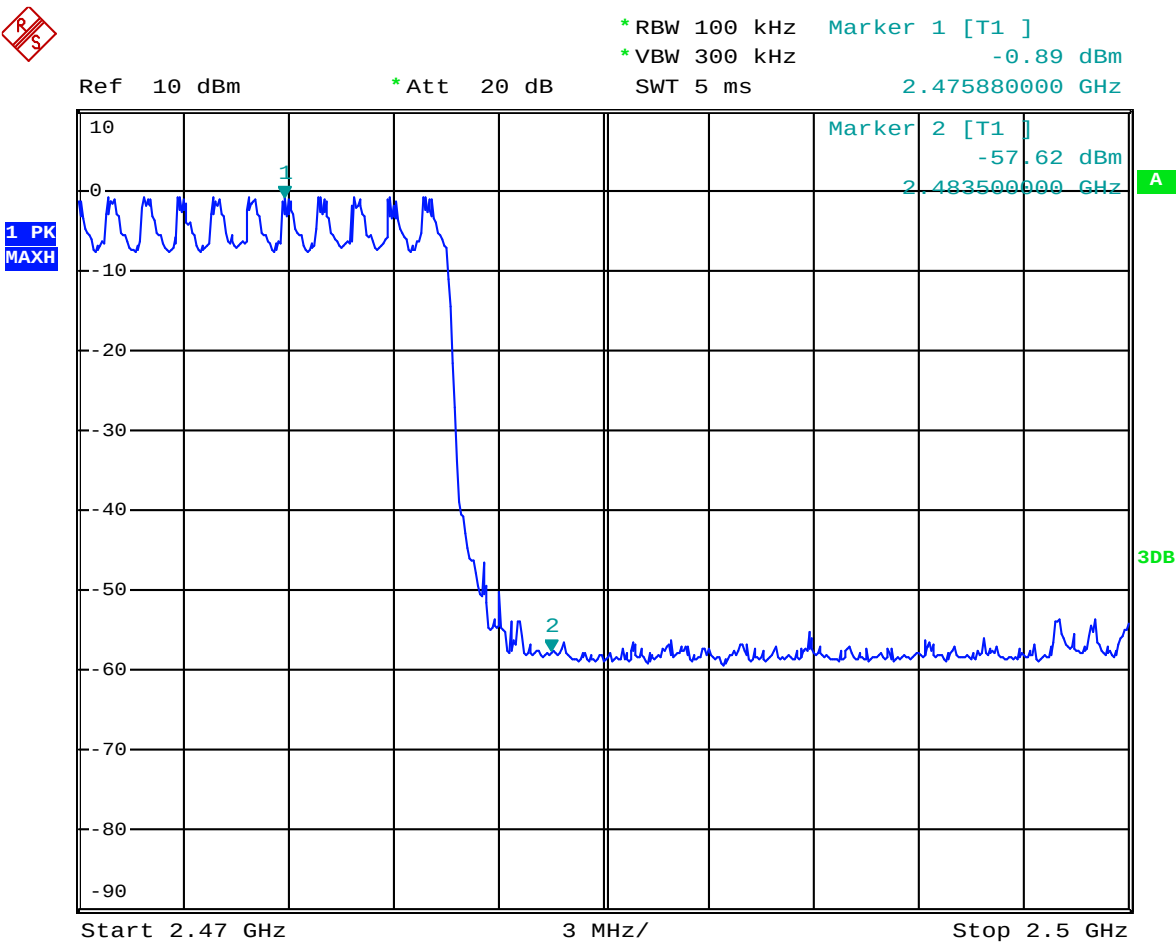


Type of Modulation: $\pi/4$ DQPSK

12.4 Out of Band Test Result

Product:	Heidi Remote	Test Mode:	HV0
Mode	Hopping On	Input Voltage	DC3.7V
Temperature	24 deg. C,	Humidity	56% RH
Test Result:	Pass	Detector	PK

Test Figure:



Date: 23.JAN.2026 16:37:09

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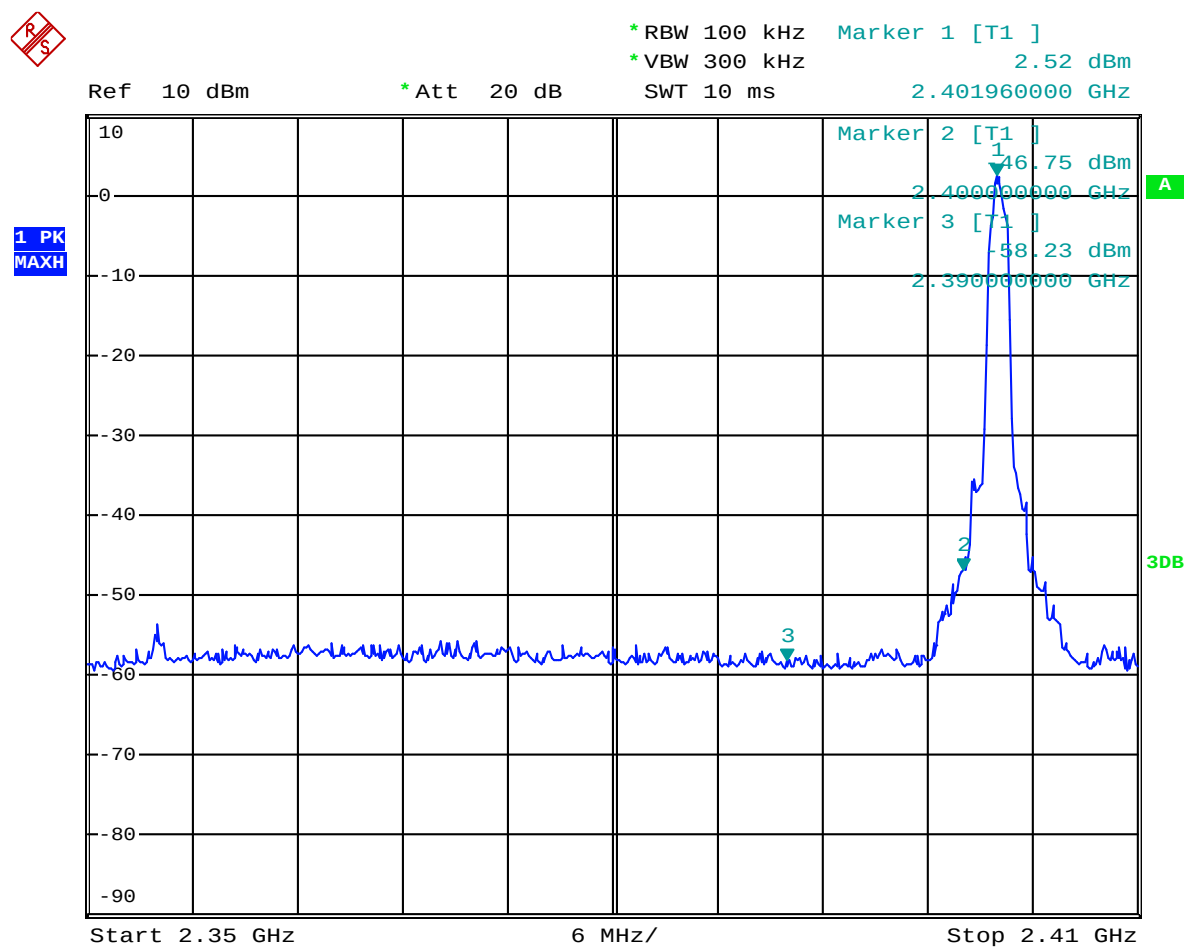


Type of Modulation: 8DPSK

12.4 Band Edge Test Result

Product:	Heidi Remote	Test Mode:	HV0
Mode	Keeping Transmitting	Input Voltage	DC3.7V
Temperature	24 deg. C	Humidity	56% RH
Test Result:	Pass	Detector	PK

Test Figure:



Date: 26.JAN.2026 10:53:29

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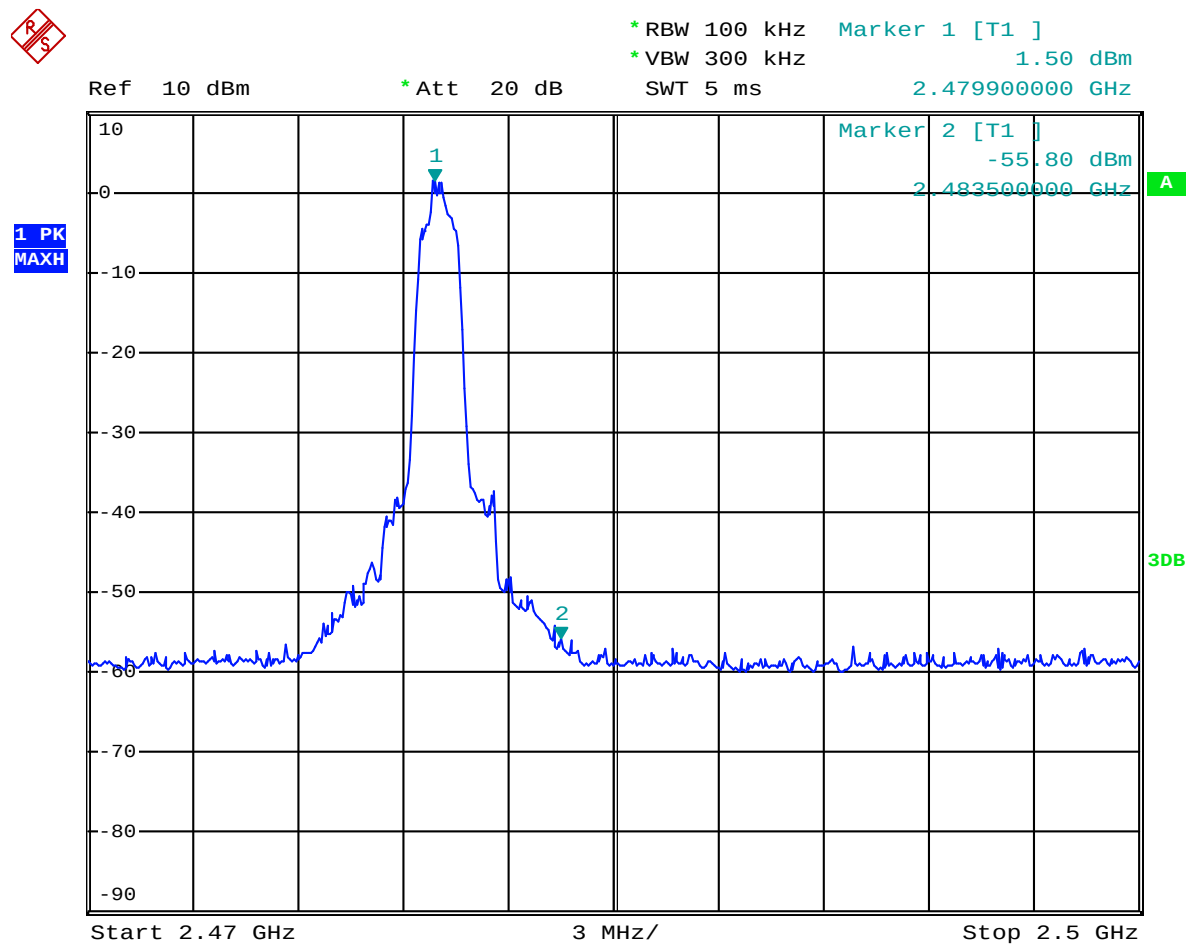


Type of Modulation: 8DPSK

12.4 Band Edge Test Result

Product:	Heidi Remote		Test Mode:	HV0
Mode	Keeping Transmitting		Input Voltage	DC3.7V
Temperature	24 deg. C,		Humidity	56% RH
Test Result:	Pass		Detector	PK
The Max. FS in Restrict Band 2483.5MHz	PK (dBμV/m)	--	Limit	74(dBμV/m)
	AV(dBμV/m)	--		54(dBμV/m)

Test Figure:



Date: 26.JAN.2026 10:42:02

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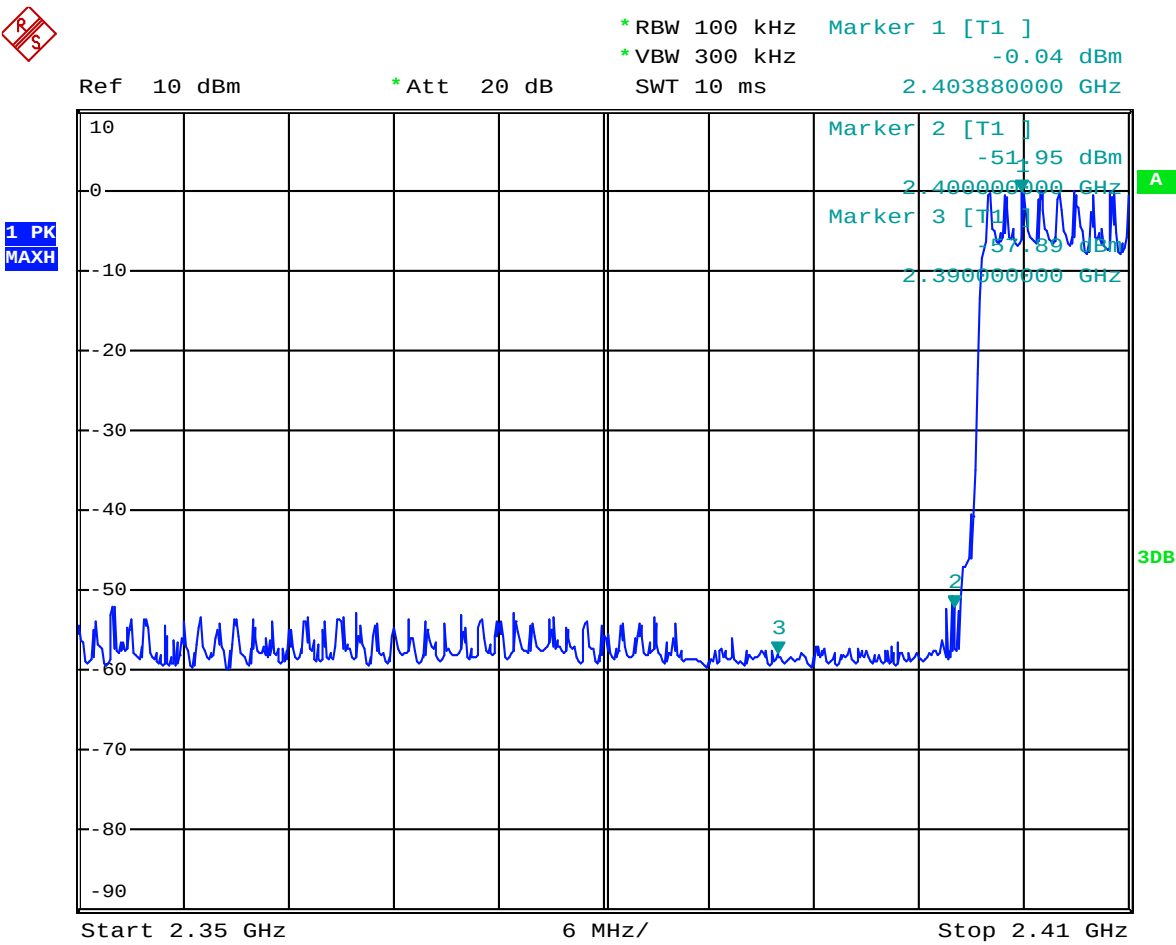


Type of Modulation: 8DPSK

12.4 Band Edge Test Result

Product:	Heidi Remote	Test Mode:	HV0
Mode	Hopping On	Input Voltage	DC3.7V
Temperature	24 deg. C,	Humidity	56% RH
Test Result:	Pass	Detector	PK

Test Figure:



Date: 23.JAN.2026 16:15:33

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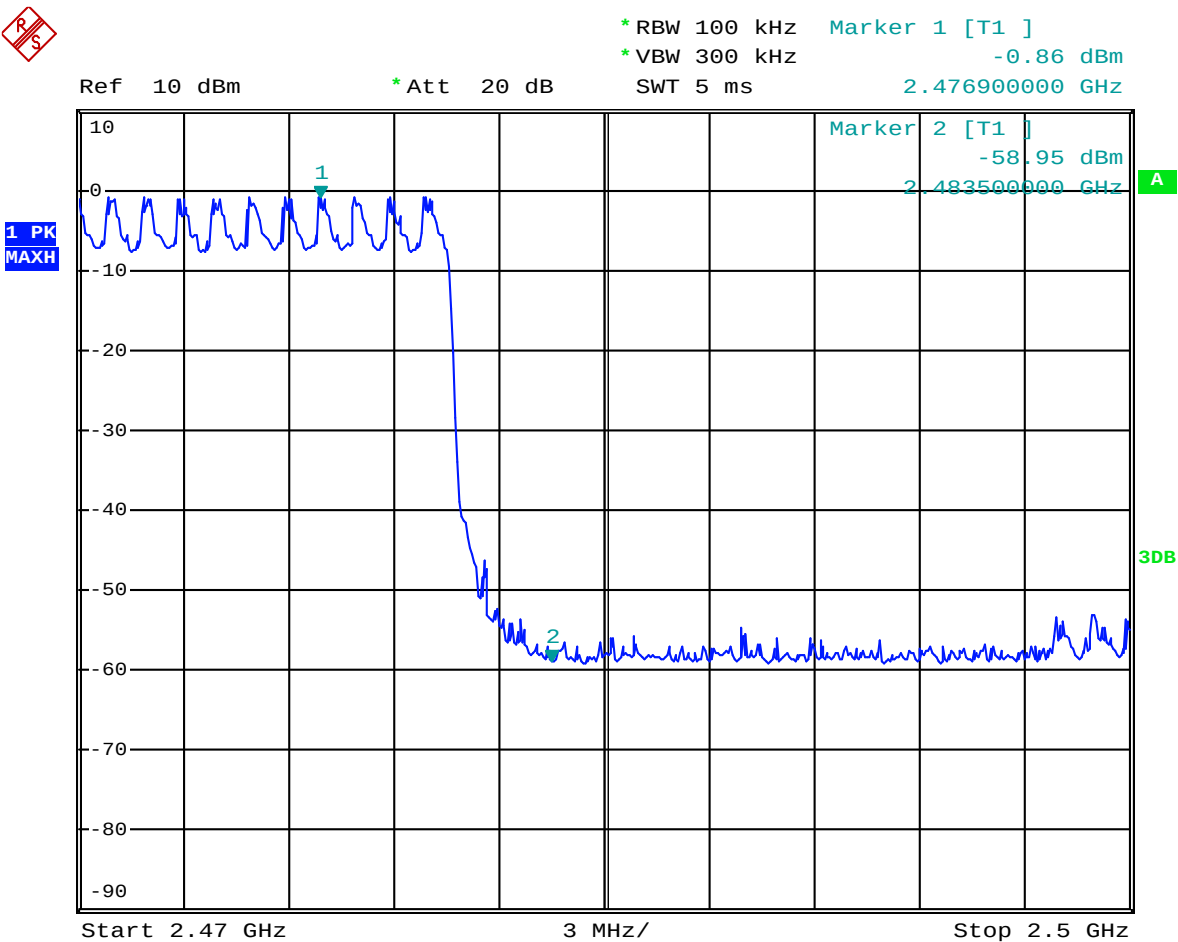


Type of Modulation: 8DPSK

12.4 Band Edge Test Result

Product:	Heidi Remote	Test Mode:	HV0
Mode	Hopping On	Input Voltage	DC3.7V
Temperature	24 deg. C,	Humidity	56% RH
Test Result:	Pass	Detector	PK

Test Figure:



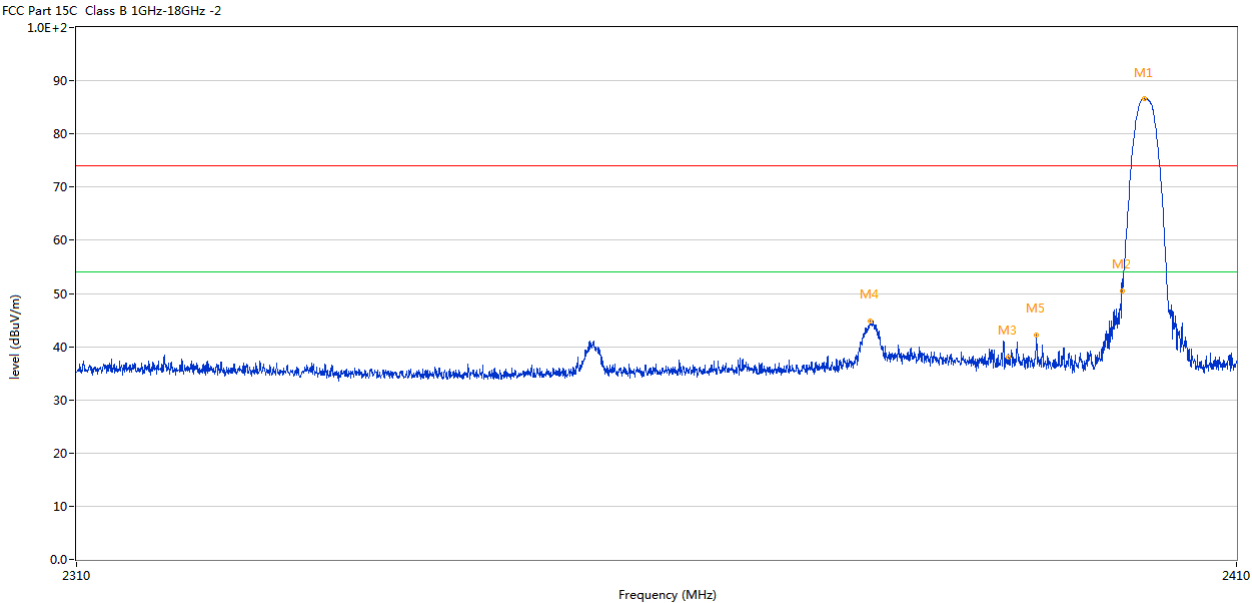
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12.4 Restrict Band Measurement

EUT	Heidi Remote	Model	HV0
Mode	Keep Transmitting	Input Voltage	DC3.7V
Temperature	24 deg. C,	Humidity	56% RH
Test Result:	Pass	Modulation Type	GFSK



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1	2401.875	86.57	-3.57	74.0	12.57	Peak	91.00	100	Horizontal	N/A
2	2400.000	50.38	-3.57	74.0	-23.62	Peak	73.00	100	Horizontal	Pass
3	2390.000	38.12	-3.53	74.0	-35.88	Peak	10.00	100	Horizontal	Pass
4	2377.950	44.85	-3.48	74.0	-29.15	Peak	330.00	100	Horizontal	Pass
5	2392.450	42.21	-3.54	74.0	-31.79	Peak	216.00	100	Horizontal	Pass

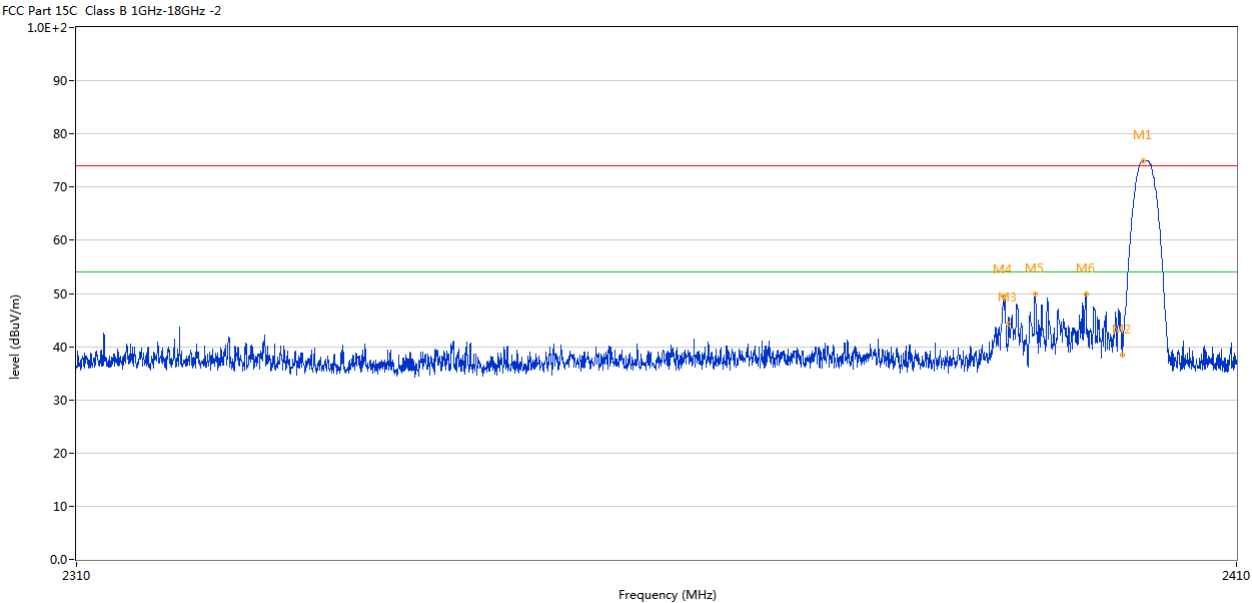
Note: The measured PK value less than the AV limit, no necessary to take down the AV measurement result.

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12.4 Restrict Band Measurement

EUT	Heidi Remote	Model	HV0
Mode	Keep Transmitting	Input Voltage	DC3.7V
Temperature	24 deg. C,	Humidity	56% RH
Test Result:	Pass	Modulation Type	GFSK



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1	2401.850	75.00	-3.57	74.0	1.00	Peak	155.00	100	Vertical	N/A
2	2400.000	38.36	-3.57	74.0	-35.64	Peak	186.00	100	Vertical	Pass
3	2390.000	44.31	-3.53	74.0	-29.69	Peak	290.00	100	Vertical	Pass
4	2389.575	49.55	-3.53	74.0	-24.45	Peak	277.00	100	Vertical	Pass
5	2392.350	49.82	-3.54	74.0	-24.18	Peak	277.00	100	Vertical	Pass
6	2396.775	49.83	-3.56	74.0	-24.17	Peak	282.00	100	Vertical	Pass

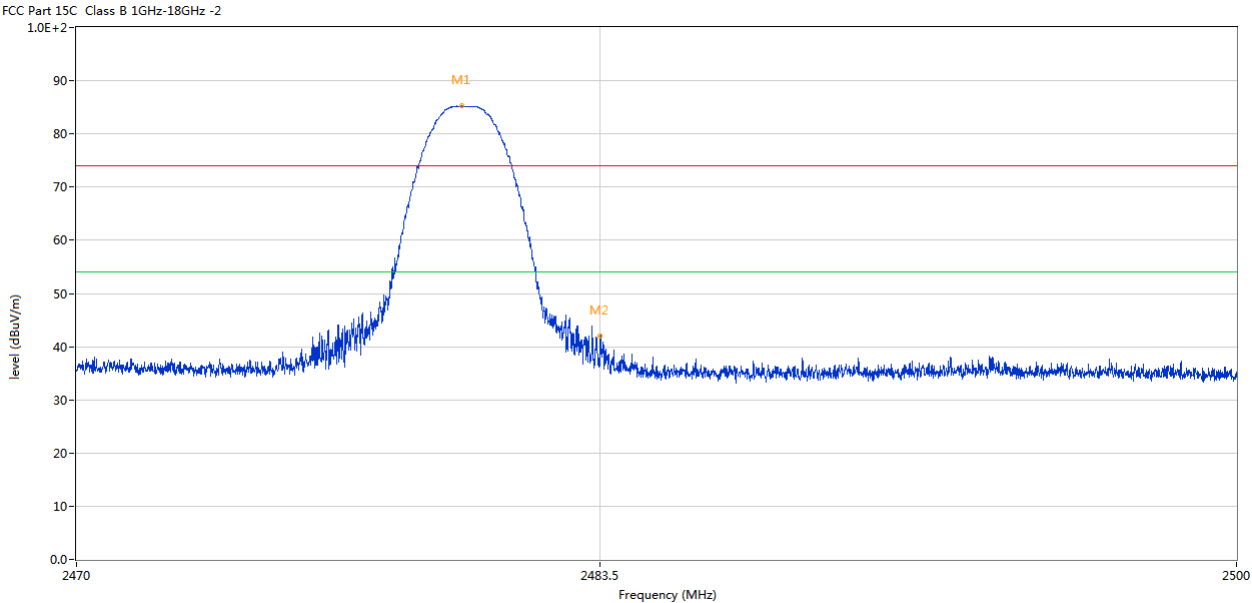
Note: The measured PK value less than the AV limit, no necessary to take down the AV measurement result.

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12.4 Restrict Band Measurement

EUT	Heidi Remote	Model	HV0
Mode	Keep Transmitting	Input Voltage	DC3.7V
Temperature	24 deg. C,	Humidity	56% RH
Test Result:	Pass	Modulation Type	GFSK



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1	2479.923	85.23	-3.57	74.0	11.23	Peak	86.00	100	Horizontal	N/A
2	2483.500	41.92	-3.57	74.0	-32.08	Peak	86.00	100	Horizontal	Pass

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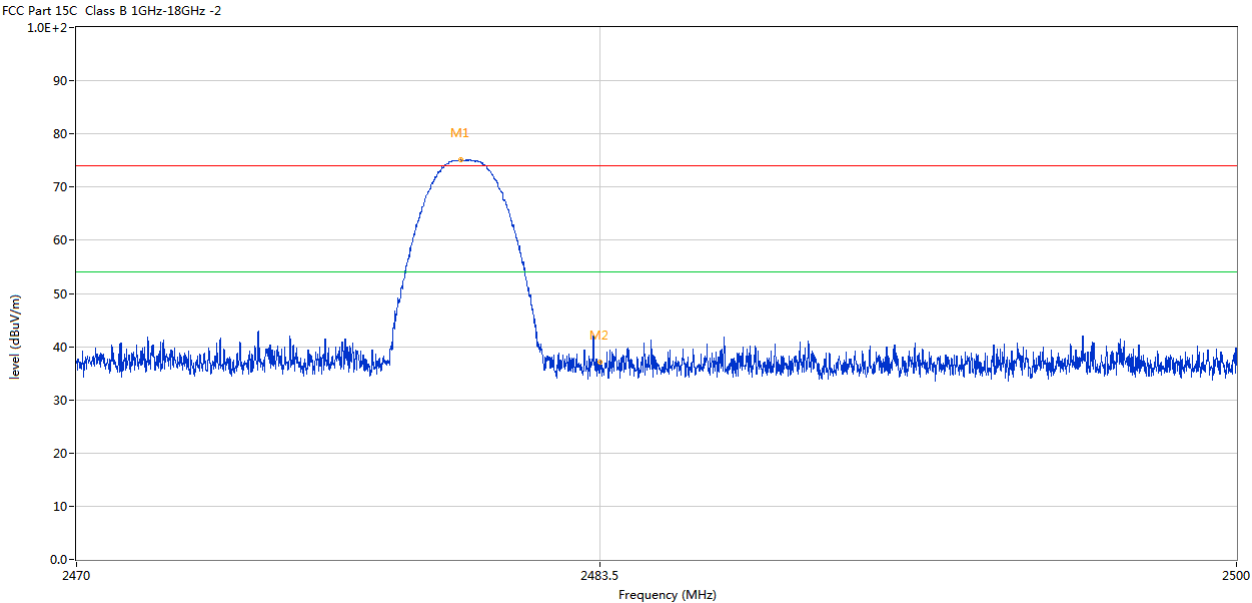
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12.4 Restrict Band Measurement

EUT	Heidi Remote	Model	HV0
Mode	Keep Transmitting	Input Voltage	DC3.7V
Temperature	24 deg. C,	Humidity	56% RH
Test Result:	Pass	Modulation Type	GFSK



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1	2479.892	75.09	-3.57	74.0	1.09	Peak	188.00	100	Vertical	N/A
2	2483.500	37.11	-3.57	74.0	-36.89	Peak	270.00	100	Vertical	Pass

Note: 1. For Restricted band test, only the worst case was reported and 8DPSK was the worst case

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13.0 Antenna Requirement

13.1 Standard Applicable

For intentional device, according to FCC 47 CFR Section 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.

And according to FCC 47 CFR Section 15.247 (b), if transmitter antennas of directional gain greater than 6 dBi are used, the power shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

13.2 Antenna Connected constructions

Chip antenna used. The gain of the antennas is 1.24dBi (Get from the antenna specification provided the manufacturer)

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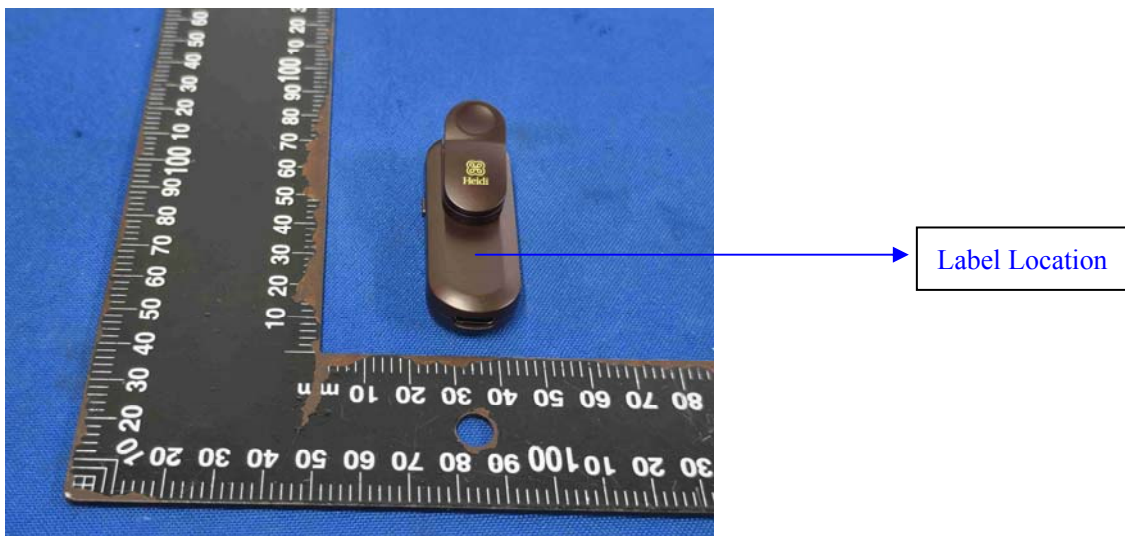


14.0 FCC ID Label

FCC ID: 2BULL-HV0

The label must not be a stick-on paper label. The label on these products must be permanently affixed to the product and readily visible at the time of purchase and must last the expected lifetime of the equipment not be readily detachable.

Mark Location:



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15.0 Photo of testing

Conducted Emission Test Setup:



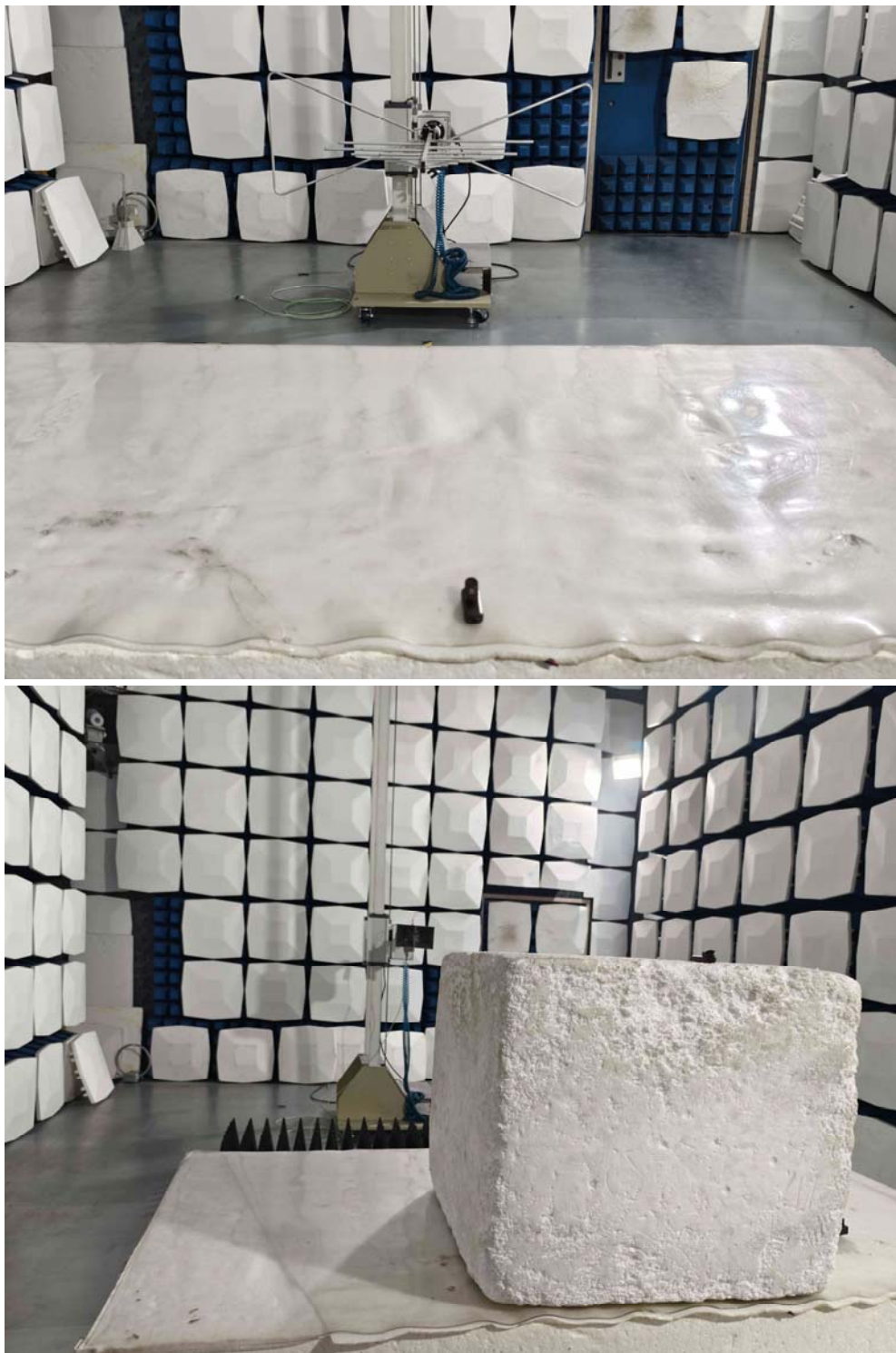
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Radiated Emission Test Setup:



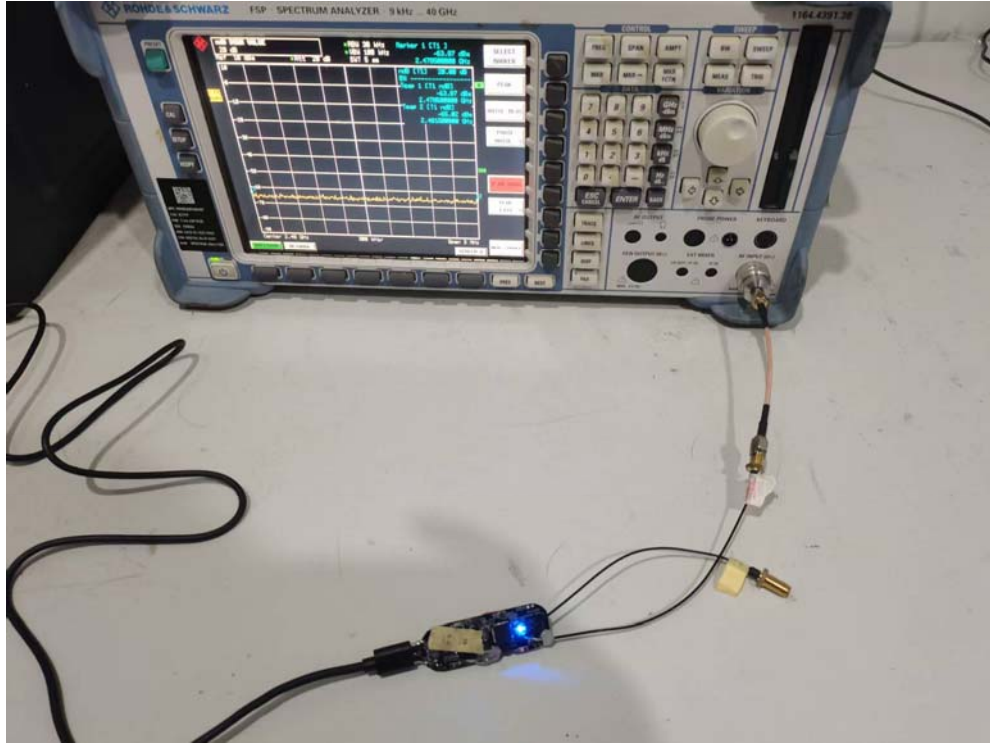
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RF test view



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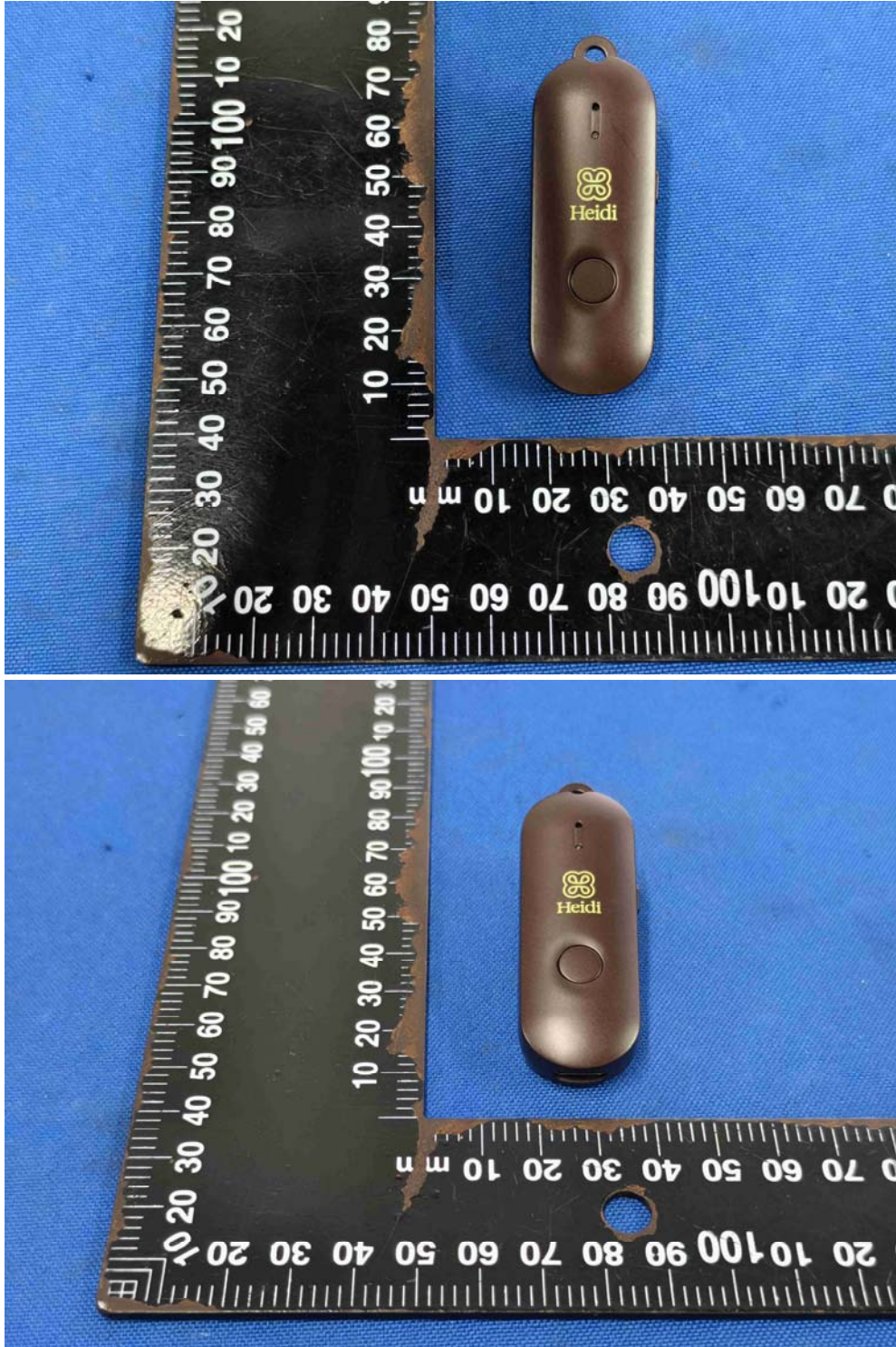
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Photographs – EUT

Outside View



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Outside View



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Inside View



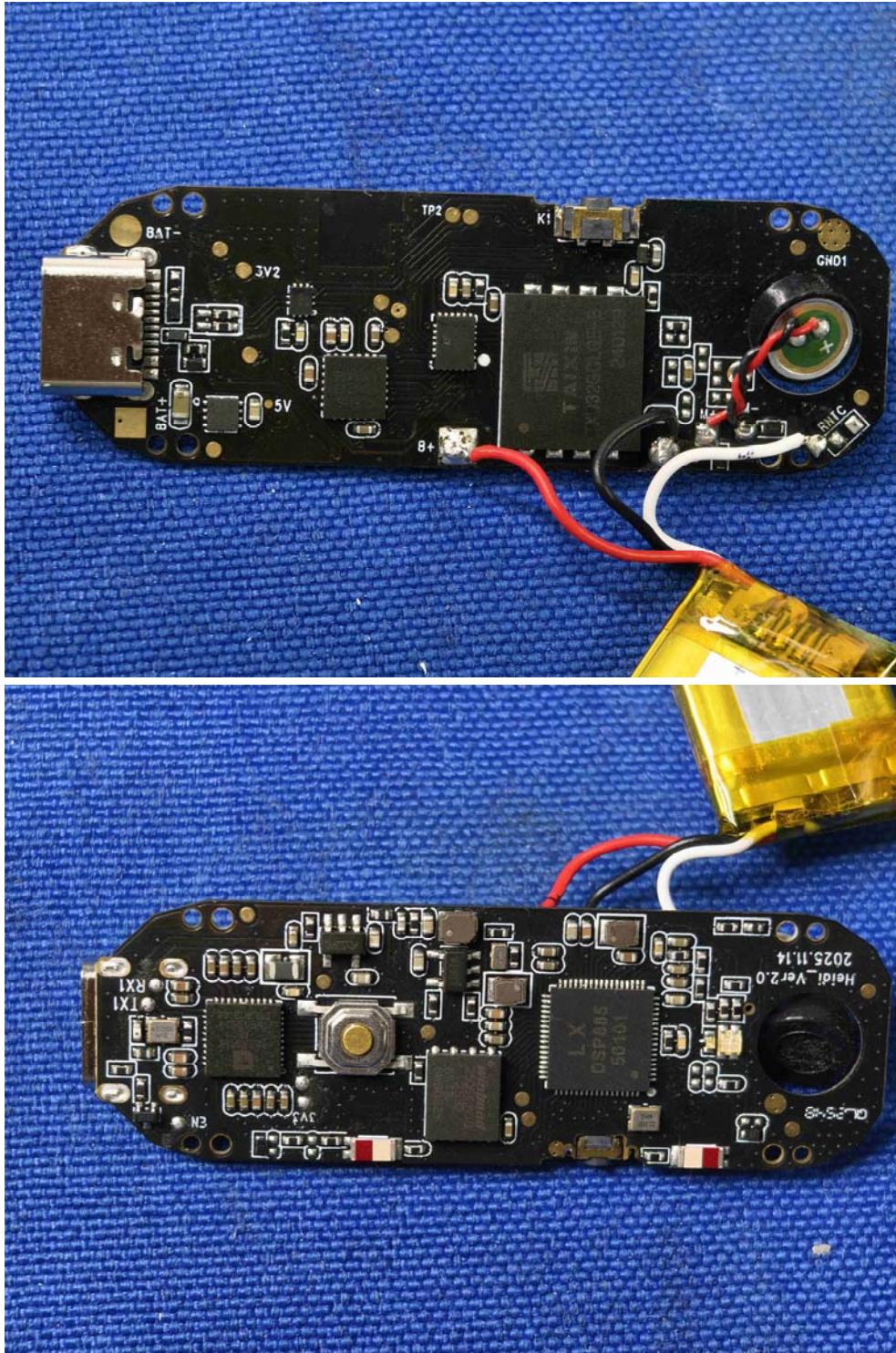
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Inside View



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