

TEST REPORT

Applicant: INFINIX MOBILITY LIMITED
Address: FLAT N 16/F BLOCK B UNIVERSAL INDUSTRIAL
CENTRE 19-25 SHAN MEI STREET FOTAN NT,
Hong Kong
Equipment Type: AI Glasses
Model Name: XGA01
Brand Name: Infinix
FCC ID: 2AIZN-XGA01LR
Test Standard: 47 CFR Part 15 Subpart C
(refer to section 3.1)
Sample Arrival Date: Nov. 10, 2025
Test Date: Nov. 25, 2025 - Dec. 05, 2025
Date of Issue: Jan. 05, 2026

ISSUED BY:

Shenzhen BALUN Technology Co., Ltd.

Tested by: Yang Wenxuan**Checked by:** Ye Hongji**Approved by:** Tolan Tu
(Testing Director)

Revision History

Version	Issue Date	Revisions
<u>Rev. 01</u>	<u>Jan. 05, 2026</u>	<u>Initial Issue</u>

TABLE OF CONTENTS

1	GENERAL INFORMATION	4
1.1	Test Laboratory	4
1.2	Test Location.....	4
2	PRODUCT INFORMATION.....	5
2.1	Applicant Information.....	5
2.2	Manufacturer Information	5
2.3	General Description for Equipment under Test (EUT)	5
2.4	Technical Information	6
3	SUMMARY OF TEST RESULTS.....	8
3.1	Test Standards	8
3.2	Test Verdict	8
4	GENERAL TEST CONFIGURATIONS.....	9
4.1	Test Environments	9
4.2	Test Equipment List.....	9
4.3	Test Software List.....	10
4.4	Measurement Uncertainty	10
4.5	Description of Test Setup	11
4.6	Measurement Results Explanation Example.....	14
5	TEST ITEMS.....	15
5.1	Antenna Requirements.....	15
5.2	Frequency Hopping Systems	16
5.3	Number of Hopping Frequencies	18
5.4	Peak Output Power	19
5.5	Occupied Bandwidth	20

5.6	Carrier Frequency Separation	21
5.7	Time of Occupancy (Dwell time)	22
5.8	Conducted Spurious Emission & Authorized-band band-edge	24
5.9	Conducted Emission	25
5.10	Radiated Spurious Emission	26
5.11	Band Edge (Restricted-band band-edge).....	28
ANNEX A	TEST RESULT	29
A.1	Number of Hopping Frequency	29
A.2	Peak Output Power	31
A.3	20 dB and 99% bandwidth	37
A.4	Hopping Frequency Separation.....	47
A.5	Average Time of Occupancy	49
A.6	Conducted Spurious Emissions & Authorized-band band-edge	55
A.7	Conducted Emissions.....	69
A.8	Radiated Spurious Emission	74
A.9	Band Edge (Restricted-band band-edge).....	90
ANNEX B	TEST SETUP PHOTOS	93
ANNEX C	EUT EXTERNAL PHOTOS	93
ANNEX D	EUT INTERNAL PHOTOS	93

1 GENERAL INFORMATION

1.1 Test Laboratory

Name	Shenzhen BALUN Technology Co., Ltd.
Address	Block B, 1/F, Baisha Science and Technology Park, Shahe Xi Road, Nanshan District, Shenzhen, Guangdong Province, P. R. China
Phone Number	+86 755 6685 0100

1.2 Test Location

Name	Shenzhen BALUN Technology Co., Ltd.
Location	☐ Block B, 1/F, Baisha Science and Technology Park, Shahe Xi Road, Nanshan District, Shenzhen, Guangdong Province, P. R. China
	☒ 1/F, Building B, Ganghongji High-tech Intelligent Industrial Park, No. 1008, Songbai Road, Yangguang Community, Xili Sub-district, Nanshan District, Shenzhen, Guangdong Province, P. R. China
	☐ Building 2, Intelligent Connected Vehicle Industrial Park, No. 55, Xiangshan Road, Luotian Community, Yanluo Sub-district, Bao'an District, Shenzhen
Accreditation Certificate	The laboratory is a testing organization accredited by FCC as a accredited testing laboratory. The designation number is CN1196.

2 PRODUCT INFORMATION

2.1 Applicant Information

Applicant	INFINIX MOBILITY LIMITED
Address	FLAT N 16/F BLOCK B UNIVERSAL INDUSTRIAL CENTRE 19-25 SHAN MEI STREET FOTAN NT, Hong Kong

2.2 Manufacturer Information

Manufacturer	N/A
Address	N/A

2.3 General Description for Equipment under Test (EUT)

EUT Name	AI Glasses
Model Name Under Test	XGA01
Series Model Name	N/A
Description of Model name differentiation	N/A
Hardware Version	N/A
Software Version	N/A
Dimensions (Approx.)	N/A
Weight (Approx.)	N/A

2.4 Technical Information

Network and Wireless connectivity	Bluetooth (BR+EDR+BLE)
-----------------------------------	------------------------

The requirement for the following technical information of the EUT was tested in this report:

Modulation Technology	FHSS	
Modulation Type	GFSK, $\pi/4$ -DQPSK, 8-DPSK	
Product Type	☐ Mobile ☒ Portable ☐ Fix Location	
Transfer Rate	DH5: 1 Mbps 2DH5: 2 Mbps 3DH5: 3 Mbps	
Frequency Range	The frequency range used is 2400 MHz to 2483.5 MHz.	
Number of Channel	79 (at intervals of 1 MHz)	
Tested Channel	0 (2402 MHz), 39 (2441 MHz), 78 (2480 MHz)	
Antenna Type	Left Ear	FPC Antenna
	Right Ear	
Antenna Gain	Left Ear	1.9 dBi
	Right Ear	2.4 dBi
Antenna Impedance	50 Ω	
Antenna System (MIMO Smart Antenna)	N/A	

All channel was listed on the following table:

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

3 SUMMARY OF TEST RESULTS

3.1 Test Standards

No.	Identity	Document Title
1	47 CFR Part 15, Subpart C	Intentional radiators of radio frequency equipment
2	ANSI C63.10-2020	American National Standard of Procedures for Compliance Testing of Unlicensed Wireless Devices
3	KDB 558074 D01 15.247 Meas Guidance v05r02	Guidance for compliance measurements on digital transmission system, frequency hopping spread spectrum system, and hybrid system devices operating under section 15.247 of the FCC rules

3.2 Test Verdict

No.	Description	FCC Part No.	Channel	Test Result	Verdict	Remark
1	Antenna Requirement	15.203	N/A	--	Pass	Note ¹
2	Number of Hopping Frequencies	15.247(a)	Hopping Mode	ANNEX A.1	Pass	Note ²
3	Peak Output Power	15.247(b)	Low/Middle/High	ANNEX A.2	Pass	--
4	Occupied Bandwidth	15.247(a)	Low/Middle/High	ANNEX A.3	Pass	--
5	Carrier Frequency Separation	15.247(a)	Hopping Mode	ANNEX A.4	Pass	Note ²
6	Time of Occupancy (Dwell time)	15.247(a)	Hopping Mode	ANNEX A.5	Pass	Note ²
7	Conducted Spurious Emission & Authorized-band band-edge	15.247(d)	Hopping Mode; Low/Middle/High	ANNEX A.6	Pass	Note ²
8	Conducted Emission	15.207	Low/Middle/High	ANNEX A.7	Pass	Note ²
9	Radiated Spurious Emission	15.209 15.247(d)	Low/Middle/High	ANNEX A.8	Pass	Note ²
10	Band Edge(Restricted-band band-edge)	15.209 15.247(d)	Low/High	ANNEX A.9	Pass	Note ²

Note ¹: The EUT has a permanently and irreplaceable attached antenna, which complies with the requirement FCC 15.203.

Note ²: $\pi/4$ -DQPSK is the EDR 2M rate mode, 8-DPSK is the EDR 3M rate mode. The consistency of test results in $\pi/4$ -DQPSK and 8-DPSK is very high. So we chose 8-DPSK as a typical representative to appear on the report. Another we will show all the modes on the RF output power test item.

4 GENERAL TEST CONFIGURATIONS

4.1 Test Environments

During the measurement, the normal environmental conditions were within the listed ranges:

Relative Humidity	46% to 69%	
Atmospheric Pressure	100 kPa to 102 kPa	
Temperature	NT (Normal Temperature)	+20.8℃ to +25.1℃
Working Voltage of the EUT	NV (Normal Voltage)	3.8 V

4.2 Test Equipment List

Description	Manufacturer	Model	Serial No.	Cal. Date	Cal. Due
Spectrum Analyzer	KEYSIGHT	N9020A	MY54420186	2025.05.21	2026.05.20
Power meter	R&S	NRP8S	101498	2025.07.07	2026.07.06
Test Antenna-Horn	A-INFO	LB-180400KF	J211060273	2024.06.15	2027.06.14
Test Antenna-Bi-Log	Schwarzbeck	VULB 9163	01414	2023.11.03	2026.11.02
Test Antenna-Horn	Schwarzbeck	BBHA 9120D	02459	2023.10.26	2026.10.25
Test Antenna-Loop	Schwarzbeck	FMZB 1513-60	00015	2024.05.07	2026.05.06
Anechoic Chamber	YIHENG	C8-966	N/A	2024.05.15	2027.05.11
EMI Receiver	Keysight	N9038A	MY55330121	2025.04.16	2026.04.15
Filtering unit	balun	SU319F	LW-SZ19D0001F01	N/A	N/A
Switching unit	BALUN	SU319	LW-SZ19D0001S01	N/A	N/A
EMI Receiver	keysight	N9038B	MY61380132	2025.04.01	2026.03.31
LISN	SCHWARZBECK MESS-ELEKTRONIK	NSLK8127	01009	2025.07.15	2026.07.14
Shielded Enclosure	YiHeng Electronic Co., Ltd	4.3m*2.9m*2.4 m	235	2024.11.05	2027.11.04
EMI Receiver	ROHDE&SCHWARZ	ESRP	101036	2025.06.16	2026.06.15
Test Antenna-Loop	SCHWARZBECK	FMZB 1519	1519-037	2024.01.23	2027.01.22
Amplifier	COM-MV	ZT30-1000M	B2018054558	2024.11.28	2025.11.27
Anechoic Chamber	EMC Electronic Co., Ltd	20.10*11.60*7. 35m	130	2024.07.13	2027.07.12
Anechoic Chamber	EMC Electronic Co., Ltd	20.10*11.60*7. 35m	130	2024.07.13	2027.07.12

4.3 Test Software List

Description	Manufacturer	Software Version	Serial No.	Applicable test Setup
BL410R	BALUN	V2.1.1.488	N/A	The section 4.5.1
BL410E	BALUN	V22.930	N/A	The section 4.5.2&4.5.3&4.5.4&4.5.5

4.4 Measurement Uncertainty

The following measurement uncertainty levels have been estimated for tests performed on the EUT as specified in CISPR 16-4-2.

This uncertainty represents an expanded uncertainty expressed at approximately the 95% confidence level using a coverage factor of k=2.

Parameters	Uncertainty
Occupied Channel Bandwidth	2.8%
RF output power, conducted	1.28 dB
Power Spectral Density, conducted	1.30 dB
Unwanted Emissions, conducted	1.84 dB
All emissions, radiated	5.36 dB
Temperature	0.8°C
Humidity	4%

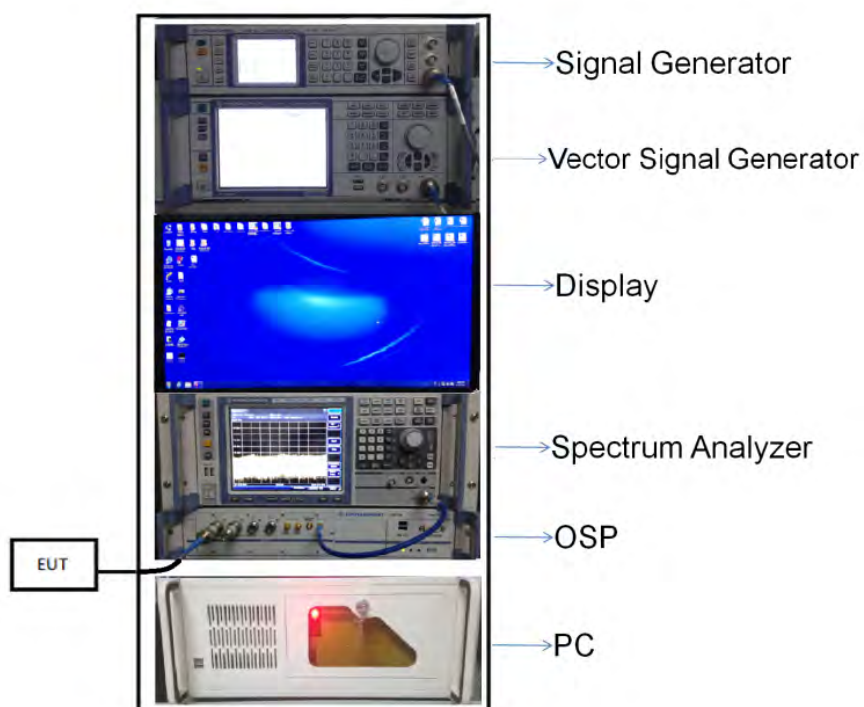
4.5 Description of Test Setup

4.5.1 For Antenna Port Test

Conducted value (dBm) = Measurement value (dBm) + cable loss (dB)

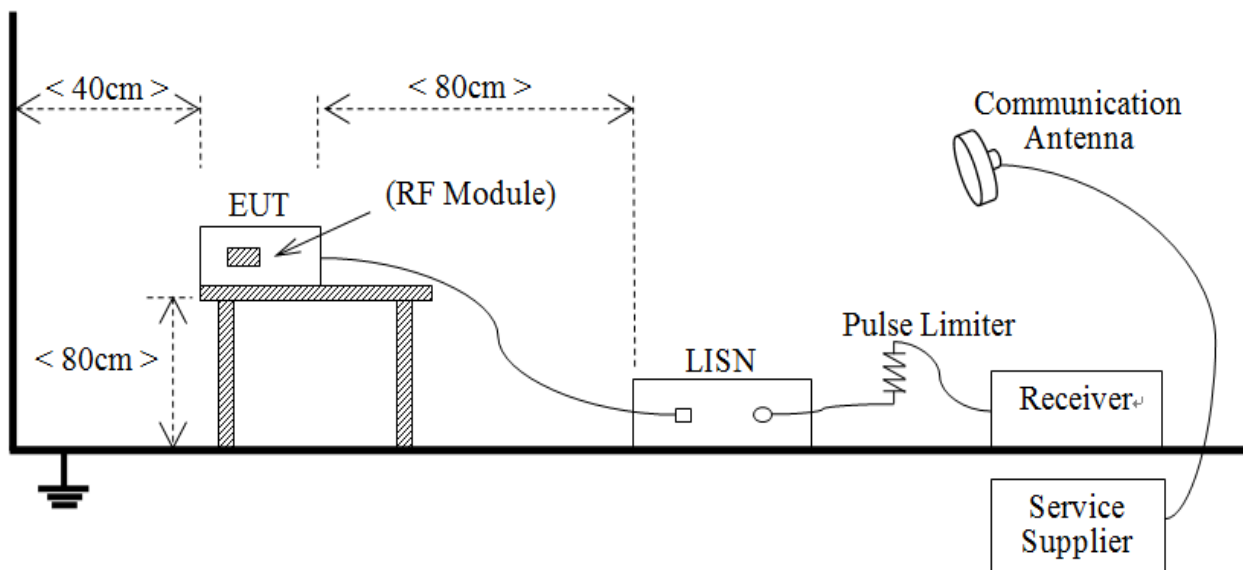
For example: the measurement value is 10 dBm and the cable 0.5dBm used, then the final result of EUT:

Conducted value (dBm) = 10 dBm + 0.5 dB = 10.5 dBm



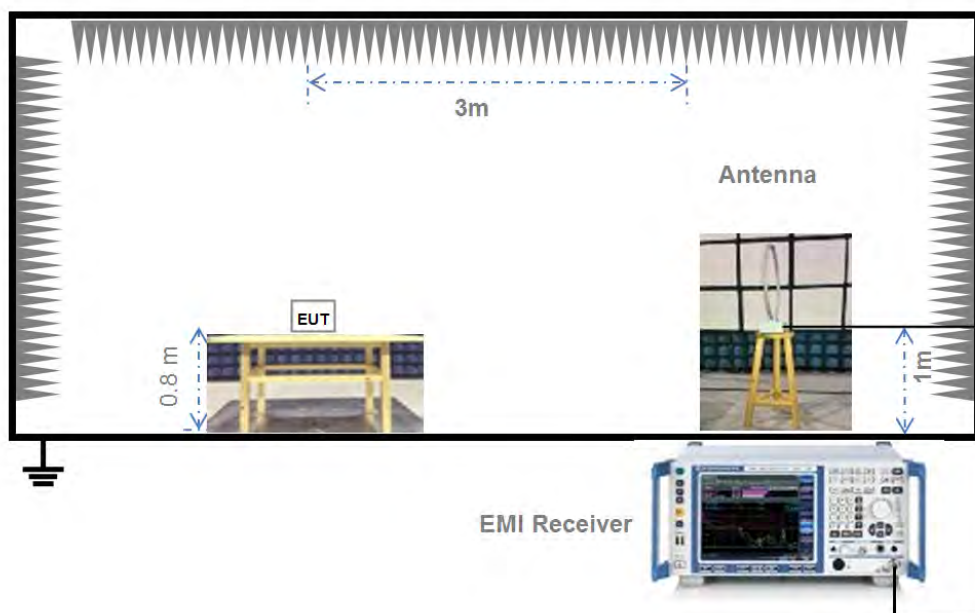
(Diagram 1)

4.5.2 For AC Power Supply Port Test



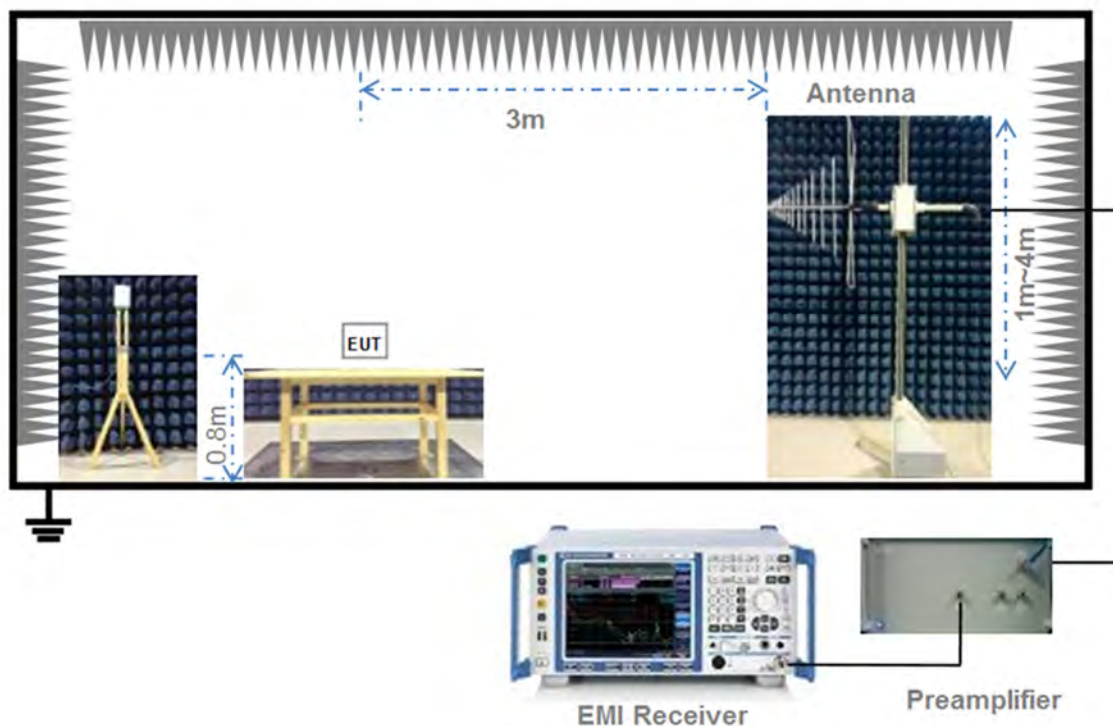
(Diagram 2)

4.5.3 For Radiated Test (Below 30 MHz)



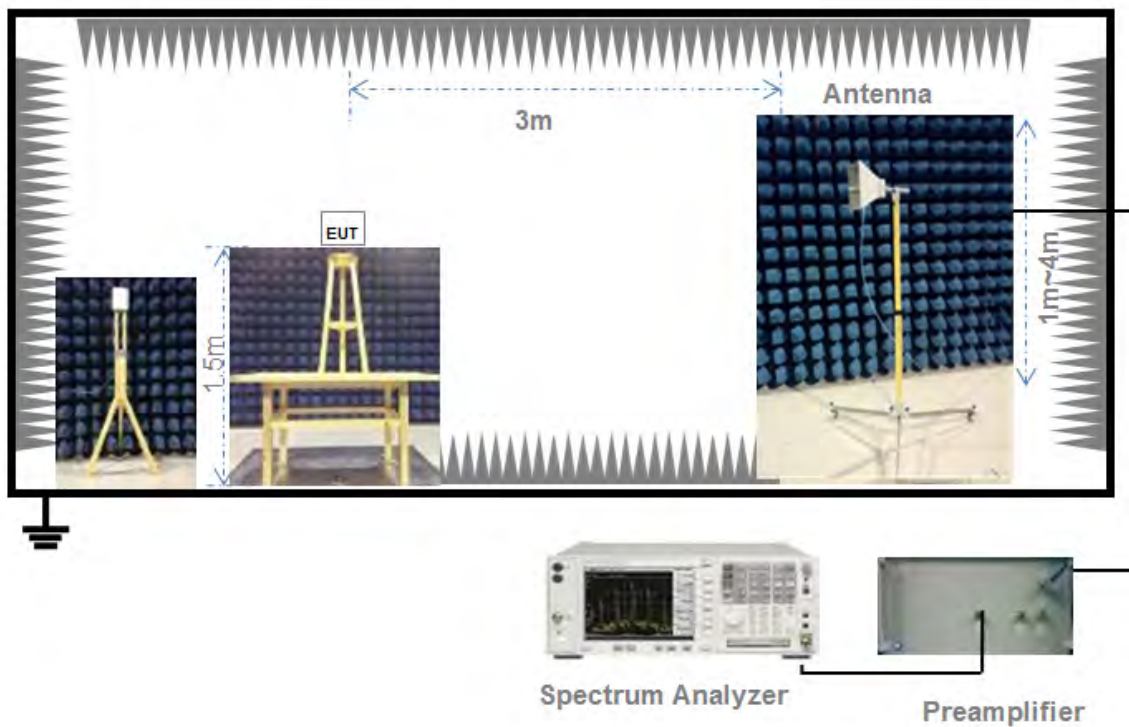
(Diagram 3)

4.5.4 For Radiated Test (30 MHz-1 GHz)



(Diagram 4)

4.5.5 For Radiated Test (Above 1 GHz)



(Diagram 5)

4.6 Measurement Results Explanation Example

4.6.1 For conducted test items:

The offset level is set in the spectrum analyzer to compensate the RF cable loss and attenuator between EUT conducted output port and spectrum analyzer. With the offset compensation, the spectrum analyzer reading level is exactly the EUT RF output level.

The spectrum analyzer offset is derived from RF cable loss and attenuator factor.

Offset = RF cable loss + attenuator factor.

5 TEST ITEMS

5.1 Antenna Requirements

5.1.1 Relevant Standards

FCC §15.203 & 15.247(b)

An intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device. The use of a permanently attached antenna or of an antenna that uses a unique coupling to the intentional radiator shall be considered sufficient to comply with the provisions of this section. The manufacturer may design the unit so that a broken antenna can be replaced by the user, but the use of a standard antenna jack or electrical connector is prohibited. This requirement does not apply to carrier current devices or to devices operated under the provisions of § 15.211, § 15.213, § 15.217, § 15.219, or § 15.221. Further, this requirement does not apply to intentional radiators that must be professionally installed, such as perimeter protection systems and some field disturbance sensors, or to other intentional radiators which, in accordance with § 15.31(d), must be measured at the installation site. However, the installer shall be responsible for ensuring that the proper antenna is employed so that the limits in this part are not exceeded.

If directional gain of transmitting antennas is greater than 6 dBi, the power shall be reduced by the same level in dB comparing to gain minus 6 dBi. For the fixed point-to-point operation, the power shall be reduced by one dB for every 3 dB that the directional gain of the antenna exceeds 6 dBi. The use of a permanently attached antenna or of an antenna that uses a unique coupling to the intentional radiator shall be considered sufficient to comply with the FCC rule.

5.1.2 Antenna Anti-Replacement Construction

The Antenna Anti-Replacement as following method:

Protected Method	Description
The antenna is embedded in the product.	An embedded-in antenna design is used.

Reference Documents	Item
Photo	Please refer to the EUT Photo documents.

5.1.3 Antenna Gain

The antenna peak gain of EUT is less than 6 dBi. Therefore, it is not necessary to reduce maximum peak output power limit.

5.2 Frequency Hopping Systems

5.2.1 Relevant Standards

FCC §15.247(a) (1) (i) (ii) (iii) (iv); FCC §15.247(g); FCC §15.247(h)

Describe how the hopping sequence is generated. Provide an example of the hopping sequence channels, to demonstrate that the sequence meets the requirement specified in the definition of an FHSS system. Per the definition in Section 2.1(c), the hop set shall appear as random in the near term, shall appear as evenly distributed in the long term, and sequential hops shall be randomly distributed in both direction and magnitude of change.

Describe how each individual EUT meets the requirement that each of its hopping channels is used equally on average (e.g., that each new transmission event begins on the next channel in the hopping sequence after the final channel used in the previous transmission event).

Describe how the associated receiver(s) complies with the requirement that the input bandwidth (either RF or IF) matches the bandwidth of the transmitted signal.

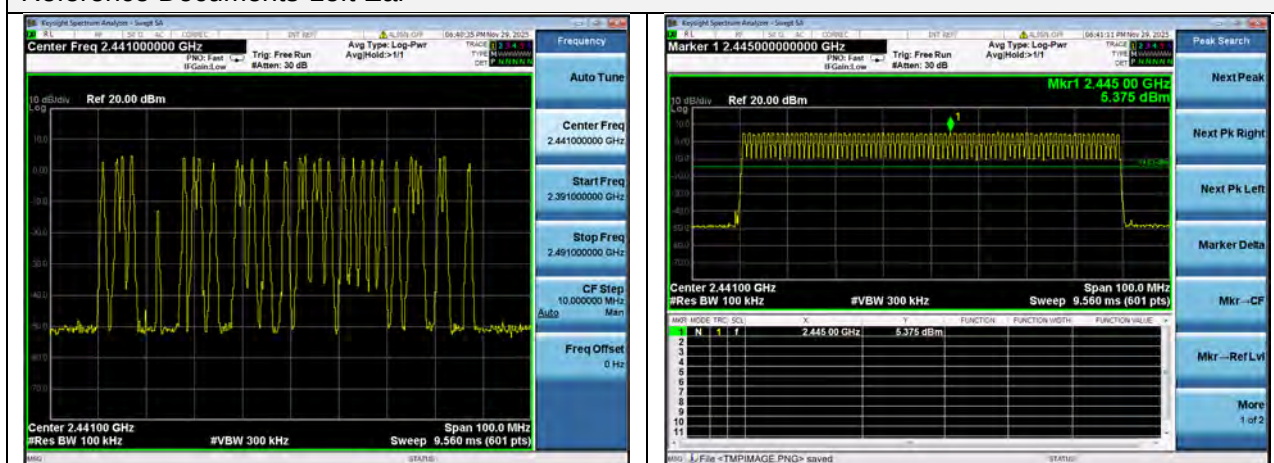
Describe how the associated receiver(s) has the ability to shift frequencies in synchronization with the transmitted signals.

For short burst systems, describe how the EUT complies with the requirement that it be designed to be capable of operating as a true frequency hopping system. Specifically, the device shall comply with the equal frequency use and pseudorandom hopping sequence requirement when transmitting in short bursts, and shall be designed to comply when presented with continuous data (or information) stream. Describe how the EUT complies with the requirement that it not have the ability to be coordinated with other FHSS systems in an effort to avoid the simultaneous occupancy of individual hopping frequencies by multiple transmitters.

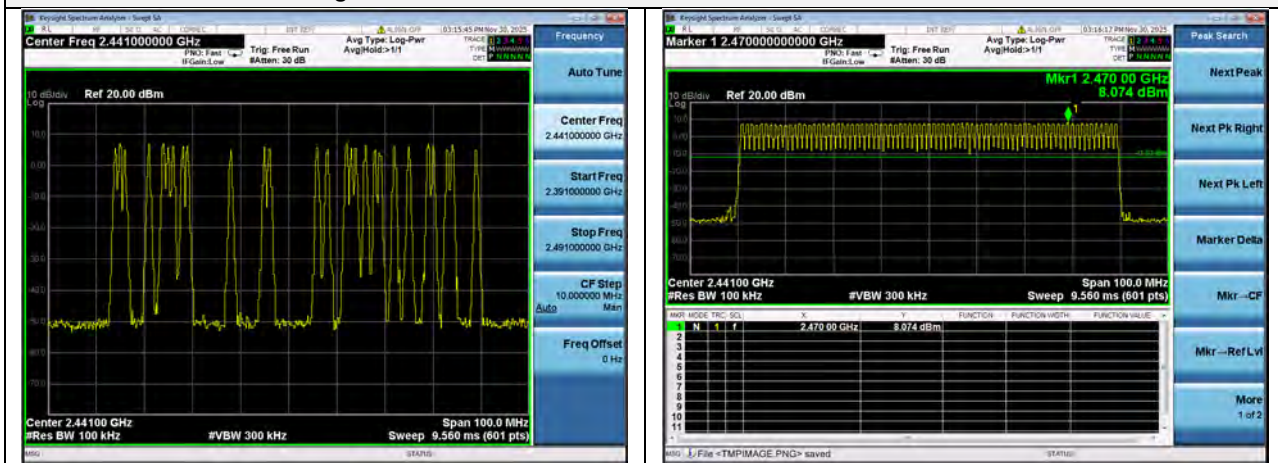
5.2.2 Description of the systems

1. According to the preset procedure of the whole network, all the stations in the automatic control network synchronously change the frequency multiple times within one second, and temporarily stay on each frequency hopping channel. Periodic synchronization signaling is sent from the primary station, instructing all slaves to simultaneously change the operating frequency, then the hopping sequence is generated.
2. The hop set shall appear as random in the near term, shall appear as evenly distributed in the long term, and sequential hops shall be randomly distributed in both direction and magnitude of change.

Reference Documents-Left Ear



Reference Documents-Right Ear



3. Channels are classified into two categories, used and unused, where used channels are part of the hopping sequence and unused channels are replaced in the hopping sequence by used channels in a pseudo-random way. Make each individual EUT meets the requirement that each of its hopping channels is used equally on average.
4. The input bandwidth and transmitted bandwidth are both 1MHz, the associated receiver(s) complies with the requirement that the input bandwidth matches the bandwidth of the transmitted signal.
5. Connected devices communicate on the same physical channel by synchronizing with a common clock and hopping sequence.
6. EUT isn't short burst systems.
7. EUT can't have the ability to be coordinated with other FHSS systems in an effort.

5.3 Number of Hopping Frequencies

5.3.1 Limit

FCC §15.247(a) (1) (iii)

Frequency hopping systems operating in the 2400 MHz to 2483.5 MHz bands shall use at least 15 hopping frequencies.

5.3.2 Test Setup

See section 4.5.1 for test setup description for the antenna port. The photo of test setup please refer to ANNEX B.

5.3.3 Test Procedure

The EUT must have its hopping function enabled. Use the following spectrum analyzer settings:

Span = The frequency band of operation

RBW = To identify clearly the individual channels, set the RBW to less than 30% of the channel spacing or the 20 dB bandwidth, whichever is smaller.

VBW $\geq$ RBW

Sweep = auto

Detector function = peak

Trace = max hold

Allow the trace to stabilize

5.3.4 Test Result

Please refer to ANNEX A.1.

5.4 Peak Output Power

5.4.1 Test Limit

FCC § 15.247(b)

For frequency hopping systems operating in the 2400-2483.5 MHz band employing at least 75 non-overlapping hopping channels band: 1 watt. For all other frequency hopping systems in the 2400-2483.5 MHz band: 0.125 watts.

5.4.2 Test Setup

See section 4.5.1 for test setup description for the antenna port. The photo of test setup please refer to ANNEX B.

5.4.3 Test Procedure

The Module operates at hopping-off test mode. The lowest, middle and highest channels are selected to perform testing to verify the conducted RF output peak power of the Module.

Use the following spectrum analyzer settings:

Span = approximately 5 times the 20 dB bandwidth, centered on a hopping channel

RBW > the 20 dB bandwidth of the emission being measured

VBW $\geq$ RBW

Sweep = auto

Detector function = peak

Trace = max hold

Allow the trace to stabilize.

5.4.4 Test Result

Please refer to ANNEX A.2.

5.5 Occupied Bandwidth

5.5.1 Limit

FCC §15.247(a)

Measurement of the 20dB bandwidth of the modulated signal.

5.5.2 Test Setup

See section 4.5.1 for test setup description for the antenna port. The photo of test setup please refer to ANNEX B.

5.5.3 Test Procedure

Use the following spectrum analyzer settings:

Span = approximately 2 to 5 times the 20 dB bandwidth, centered on a hopping channel

RBW = in the range of 1% to 5% of the OBW

VBW $\geq$ RBW

Sweep = auto

Detector function = peak

Trace = max hold

The EUT should be transmitting at its maximum data rate, Allow the trace to stabilize.

5.5.4 Test Result

Please refer to ANNEX A.3.

5.6 Carrier Frequency Separation

5.6.1 Limit

FCC §15.247(a)

Frequency hopping systems shall have hopping channel carrier frequencies separated by a minimum of 25 kHz or the 2/3 of the 20 dB bandwidth of the hopping channel, whichever is greater.

5.6.2 Test Setup

See section 4.5.1 for test setup description for the antenna port. The photo of test setup please refer to ANNEX B.

5.6.3 Test Procedure

The EUT must have its hopping function enabled. Use the following spectrum analyzer settings:

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

Allow the trace to stabilize. Use the marker-delta function to determine the separation between the peaks of the adjacent channels.

5.6.4 Test Result

Please refer to ANNEX A.4.

5.7 Time of Occupancy (Dwell time)

5.7.1 Limit

FCC §15.247(a)

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

5.7.2 Test Setup

See section 4.5.1 for test setup description for the antenna port. The photo of test setup please refer to ANNEX B.

5.7.3 Test Procedure

The EUT shall have its hopping function enabled. Use the following spectrum analyzer settings:

Span: Zero span, centered on a hopping channel

RBW shall be $\leq$ channel spacing and where possible RBW should be set $\gg 1/T$, where T is the expected dwell time per channel

Sweep: As necessary to capture the entire dwell time per hopping channel; where possible use a video trigger and trigger delay so that the transmitted signal starts a little to the right of the start of the plot. The trigger level might need slight adjustment to prevent triggering when the system hops on an adjacent channel; a second plot might be needed with a longer sweep time to show two successive hops on a channel

Detector function: Peak

Trace: Max hold

Use the marker-delta function to determine the transmit time per hop. If this value varies with different modes of operation (data rate, modulation format, number of hopping channels, etc.), then repeat this test for each variation in transmit time.

The average time of occupancy on any channel within the Period can be calculated with formulas:

For GFSK and 8-DPSK:

For DH1 package type

$$\{\text{Total of Dwell}\} = \{\text{Pulse Time}\} * (1600 / 2) / \{\text{Number of Hopping Frequency}\} * \{\text{Period}\}$$

$$\{\text{Period}\} = 0.4 \text{ s} * \{\text{Number of Hopping Frequency}\}$$

For DH3 package type

$$\{\text{Total of Dwell}\} = \{\text{Pulse Time}\} * (1600 / 4) / \{\text{Number of Hopping Frequency}\} * \{\text{Period}\}$$

$$\{\text{Period}\} = 0.4 \text{ s} * \{\text{Number of Hopping Frequency}\}$$

For DH5 package type

$$\{\text{Total of Dwell}\} = \{\text{Pulse Time}\} * (1600 / 6) / \{\text{Number of Hopping Frequency}\} * \{\text{Period}\}$$

$$\{\text{Period}\} = 0.4 \text{ s} * \{\text{Number of Hopping Frequency}\}$$

For AFH Mode:

For DH1 package type

$$\{\text{Total of Dwell}\} = \{\text{Pulse Time}\} * (800 / 2) / \{\text{Number of Hopping Frequency}\} * \{\text{Period}\}$$

$$\{\text{Period}\} = 0.4 \text{ s} * \{\text{Number of Hopping Frequency}\}$$

For DH3 package type

$$\{\text{Total of Dwell}\} = \{\text{Pulse Time}\} * (800 / 4) / \{\text{Number of Hopping Frequency}\} * \{\text{Period}\}$$
$$\{\text{Period}\} = 0.4 \text{ s} * \{\text{Number of Hopping Frequency}\}$$

For DH5 package type

$$\{\text{Total of Dwell}\} = \{\text{Pulse Time}\} * (800 / 6) / \{\text{Number of Hopping Frequency}\} * \{\text{Period}\}$$
$$\{\text{Period}\} = 0.4 \text{ s} * \{\text{Number of Hopping Frequency}\}$$

The lowest, middle and highest channels are selected to perform testing to record the dwell time of each occupation measured in this channel, which is called Pulse Time here.

5.7.4 Test Result

Please refer to ANNEX A.5.

5.8 Conducted Spurious Emission & Authorized-band band-edge

5.8.1 Limit

FCC §15.247(d)

In any 100 kHz bandwidth outside the frequency band in which the spread spectrum or digitally modulated intentional radiator is operating, the radio frequency power that is produced by the intentional radiator shall be at least 20 dB below that in the 100 kHz bandwidth within the band that contains the highest level of the desired power, based on either an RF conducted or a radiated measurement.

5.8.2 Test Setup

See section 4.5.1 for test setup description for the antenna port. The photo of test setup please refer to ANNEX B.

5.8.3 Test Procedure

Use the following spectrum analyzer settings:

Span = wide enough to capture the peak level of the in-band emission and all spurious emissions (e.g., harmonics) from the lowest frequency generated in the EUT up through the 10th harmonic. Typically, several plots are required to cover this entire span.

RBW = 100 kHz

VBW = 300 kHz

Sweep = auto

Detector function = peak

Trace = max hold

Allow the trace to stabilize

5.8.4 Test Result

Please refer to ANNEX A.6.

5.9 Conducted Emission

5.9.1 Limit

FCC §15.207

For an intentional radiator that is designed to be connected to the public utility (AC) power line, the radio frequency voltage that is conducted back onto the AC power line on any frequency within the band 150 kHz to 30 MHz shall not exceed the limits in the following table, as measured using a 50 μ H/50 Ω line impedance stabilization network (LISN).

Frequency range (MHz)	Conducted Limit (dB μ V)	
	Quai-peak	Average
0.15 - 0.50	66 to 56	56 to 46
0.50 - 5	56	46
0.50 - 30	60	50

5.9.2 Test Setup

See section 4.5.2 for test setup description for the AC power supply port. The photo of test setup please refer to ANNEX B.

5.9.3 Test Procedure

The maximum conducted interference is searched using Peak (PK), if the emission levels more than the AV and QP limits, and that have narrow margins from the AV and QP limits will be re-measured with AV and QP detectors. Tests for both L phase and N phase lines of the power mains connected to the EUT are performed. Refer to recorded points and plots below.

Devices subject to Part 15 must be tested for all available U.S. voltages and frequencies (such as a nominal 120 VAC, 50/60 Hz and 240 VAC, 50/60 Hz) for which the device is capable of operation. A device rated for 50/60 Hz operation need not be tested at both frequencies provided the radiated and line conducted emissions are the same at both frequencies.

5.9.4 Test Result

Please refer to ANNEX A.7.

5.10 Radiated Spurious Emission

5.10.1 Limit

FCC §15.209&15.247(d)

Radiated emission outside the frequency band attenuation below the general limits specified in FCC section 15.209(a) is not required. In addition, radiated emissions which fall in the restricted bands, as defined in FCC section 15.205(a), must also comply with the radiated emission limits specified in FCC section 15.209(a).

According to FCC section 15.209 (a), except as provided elsewhere in this subpart, the emissions from an intentional radiator shall not exceed the field strength levels specified in the following table:

Frequency (MHz)	Field Strength (μV/m)	Measurement Distance (m)
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

Note:

1. Field Strength (dBμV/m) = 20*log[Field Strength (μV/m)].
2. In the emission tables above, the tighter limit applies at the band edges.
3. For Above 1000 MHz, the emission limit in this paragraph is based on measurement instrumentation employing an average detector, measurement using instrumentation with a peak detector function, corresponding to 20dB above the maximum permitted average limit.
4. For above 1000 MHz, limit field strength of harmonics: 54dBuV/m@3m (AV) and 74dBuV/m@3m (PK).

5.10.2 Test Setup

See section 4.5.3 to 4.5.5 for test setup description for the antenna port. The photo of test setup please refer to ANNEX B.

5.10.3 Test Procedure

The measurement frequency range is from 9 kHz to the 10th harmonic of the fundamental frequency. The Turn Table is actuated to turn from 0° to 360°, and both horizontal and vertical polarizations of the Test Antenna are used to find the maximum radiated power. Mid channels on all channel bandwidth verified. Only the worst RB size/offset presented.

The power of the EUT transmitting frequency should be ignored.

All Spurious Emission tests were performed in X, Y, Z axis direction. And only the worst axis test condition was recorded in this test report.

Use the following spectrum analyzer settings:

Span = wide enough to fully capture the emission being measured

RBW = 1 MHz for $f \geq 1$ GHz, 100 kHz for $f < 1$ GHz

VBW $\geq$ RBW

Sweep = auto

Detector function = peak

Trace = max hold

For measurement below 1GHz, If the emission level of the EUT measured by the peak detector is 3 dB lower than the applicable limit, the peak emission level will be reported, Otherwise, the emission measurement will be repeated using the quasi-peak detector and reported.

5.10.4 Test Result

Please refer to ANNEX A.8.

5.11 Band Edge (Restricted-band band-edge)

5.11.1 Limit

FCC §15.209&15.247(d)

Radiated emission outside the frequency band attenuation below the general limits specified in FCC section 15.209(a) is not required. In addition, radiated emissions which fall in the restricted bands, as defined in FCC section 15.205(a), must also comply with the radiated emission limits specified in FCC section 15.209(a).

5.11.2 Test Setup

See section 4.5.3 to 4.5.5 for test setup description for the antenna port. The photo of test setup please refer to ANNEX B.

5.11.3 Test Procedure

The measurement frequency range is from 9 kHz to the 10th harmonic of the fundamental frequency. The Turn Table is actuated to turn from 0° to 360°, and both horizontal and vertical polarizations of the Test Antenna are used to find the maximum radiated power. Mid channels on all channel bandwidth verified. Only the worst RB size/offset presented.

The power of the EUT transmitting frequency should be ignored.

All Spurious Emission tests were performed in X, Y, Z axis direction. And only the worst axis test condition was recorded in this test report.

Use the following spectrum analyzer settings:

Span = wide enough to fully capture the emission being measured

RBW = 1 MHz for $f \geq 1$ GHz, 100 kHz for $f < 1$ GHz

VBW $\geq$ RBW

Sweep = auto

Detector function = peak

Trace = max hold

For measurement below 1GHz, If the emission level of the EUT measured by the peak detector is 3 dB lower than the applicable limit, the peak emission level will be reported, Otherwise, the emission measurement will be repeated using the quasi-peak detector and reported.

5.11.4 Test Result

Please refer to ANNEX A.9.

ANNEX A TEST RESULT

A.1 Number of Hopping Frequency

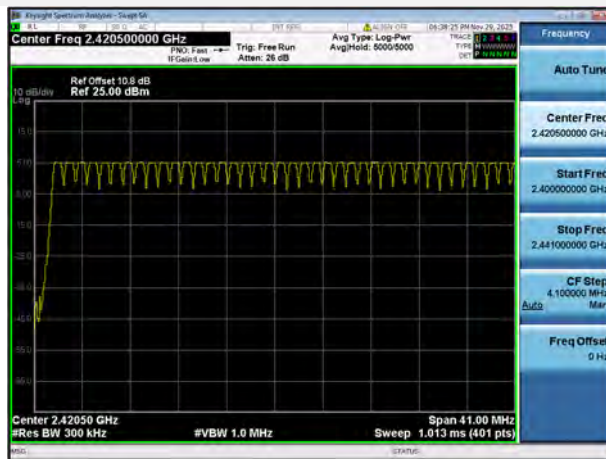
Left Ear

Test Data

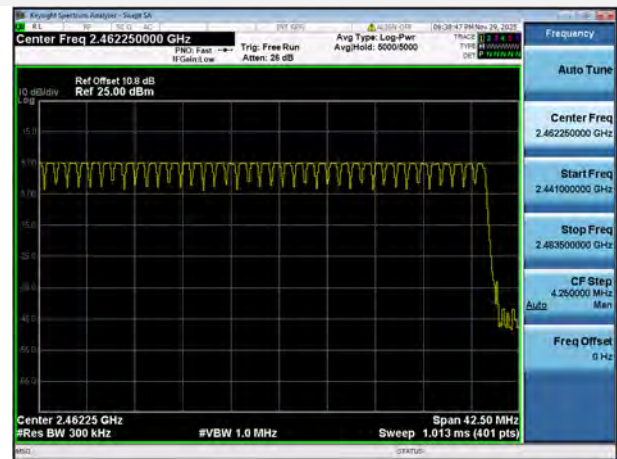
Test Mode	Frequency Block (MHz)	Measured Channel Numbers	Min. Limit	Verdict
GFSK	2400 - 2483.5	79	15	Pass
8-DPSK	2400 - 2483.5	79	15	Pass

Test Plots

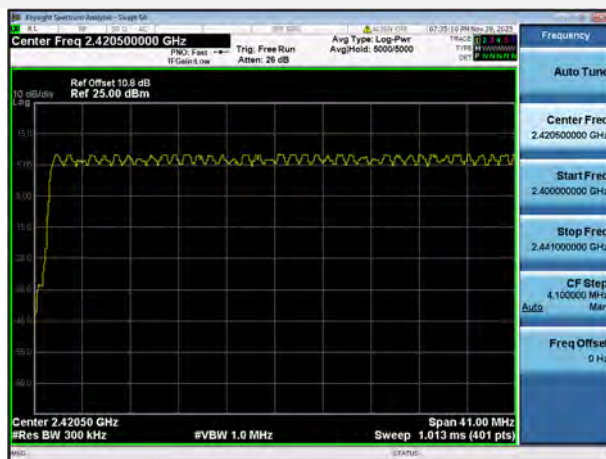
GFSK 2.4 GHz ~ 2.4415 GHz



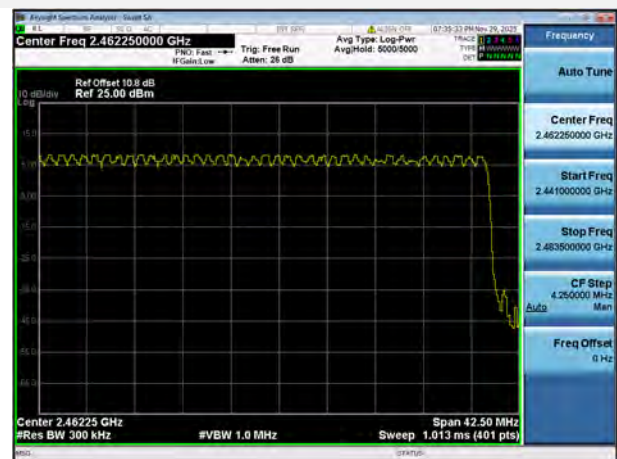
GFSK 2.4415 GHz ~ 2.4835 GHz



8-DPSK 2.4 GHz ~ 2.4415 GHz



8-DPSK 2.4415 GHz ~ 2.4835 GHz



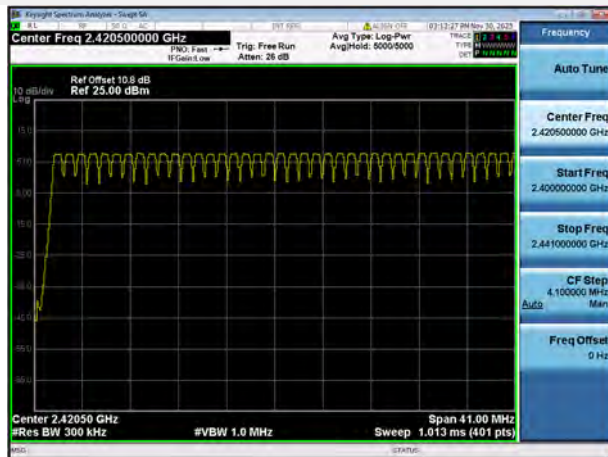
Right Ear

Test Data

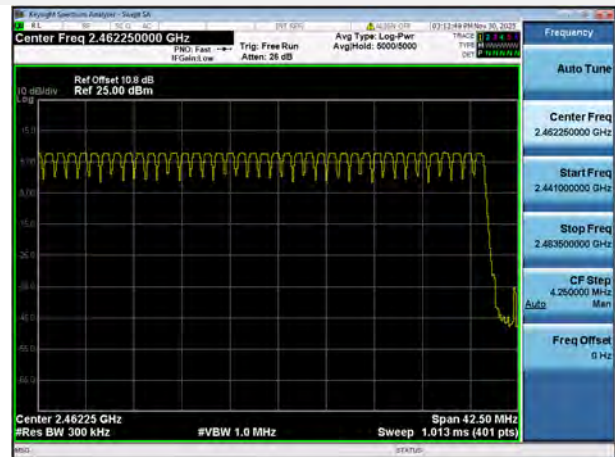
Test Mode	Frequency Block (MHz)	Measured Channel Numbers	Min. Limit	Verdict
GFSK	2400 - 2483.5	79	15	Pass
8-DPSK	2400 - 2483.5	79	15	Pass

Test Plots

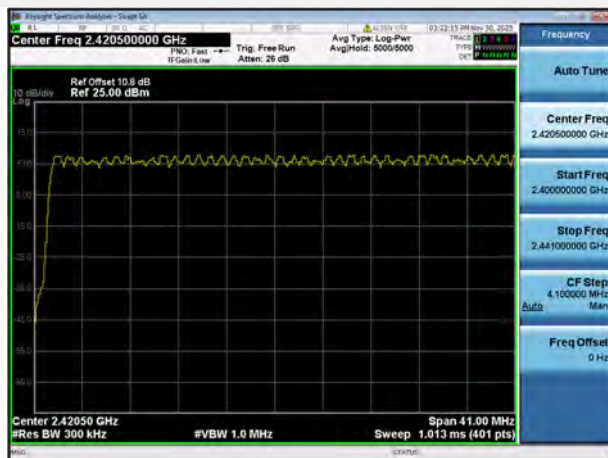
GFSK 2.4 GHz ~ 2.4415 GHz



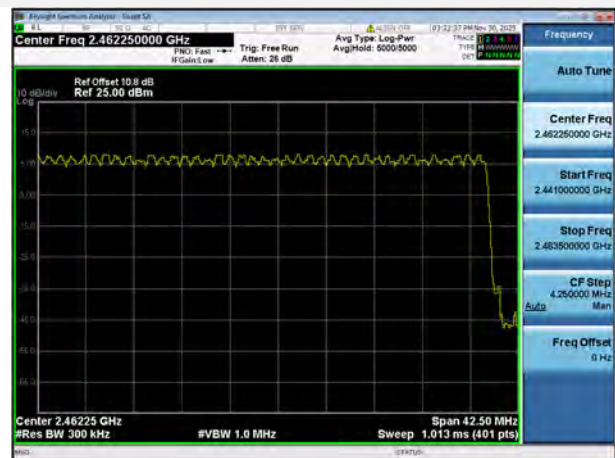
GFSK 2.4415 GHz ~ 2.4835 GHz



8-DPSK 2.4 GHz ~ 2.4415 GHz



8-DPSK 2.4415 GHz ~ 2.4835 GHz



A.2 Peak Output Power

Left Ear

Peak Power Test Data

Channel	Measured Output Peak Power						Limit		Verdict
	GFSK		$\pi/4$ -DQPSK		8-DPSK		dBm	mW	
	dBm	mW	dBm	mW	dBm	mW			
Low	5.19	3.30	8.95	7.86	9.33	8.58	21	125	Pass
Middle	5.18	3.30	8.97	7.89	9.34	8.59			Pass
High	5.05	3.20	8.74	7.47	9.25	8.41			Pass

Test Plots

GFSK LOW CHANNEL



GFSK MIDDLE CHANNEL



GFSK HIGH CHANNEL



$\pi/4$ -DQPSK LOW CHANNEL



$\pi/4$ -DQPSK MIDDLE CHANNEL



$\pi/4$ -DQPSK HIGH CHANNEL



8-DPSK LOW CHANNEL



8-DPSK MIDDLE CHANNEL



8-DPSK HIGH CHANNEL

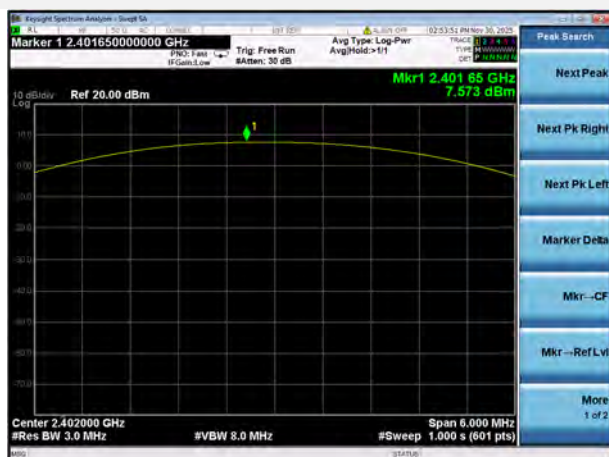


Right EarPeak Power Test Data

Channel	Measured Output Peak Power						Limit		Verdict
	GFSK		$\pi/4$ -DQPSK		8-DPSK		dBm	mW	
	dBm	mW	dBm	mW	dBm	mW			
Low	7.57	5.72	8.52	7.11	8.82	7.62	21	125	Pass
Middle	7.72	5.91	8.77	7.54	9.06	8.05			Pass
High	7.62	5.78	8.77	7.54	9.08	8.08			Pass

Test Plots

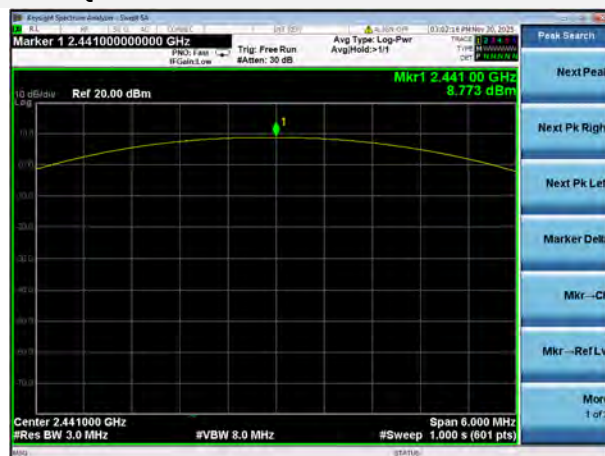
GFSK LOW CHANNEL



GFSK MIDDLE CHANNEL



GFSK HIGH CHANNEL

 $\pi/4$ -DQPSK LOW CHANNEL $\pi/4$ -DQPSK MIDDLE CHANNEL

$\pi/4$ -DQPSK HIGH CHANNEL



8-DPSK LOW CHANNEL



8-DPSK MIDDLE CHANNEL



8-DPSK HIGH CHANNEL



A.3 20 dB and 99% bandwidth

Left Ear

Test Data

GFSK		
Channel	20 dB Bandwidth (MHz)	99% Bandwidth (MHz)
Low	1.034900	0.903050
Middle	1.034900	0.903630
High	1.034900	0.902580
$\pi/4$ -DQPSK		
Channel	20 dB Bandwidth (MHz)	99% Bandwidth (MHz)
Low	1.305200	1.169100
Middle	1.297600	1.169400
High	1.305200	1.169300
8-DPSK		
Channel	20 dB Bandwidth (MHz)	99% Bandwidth (MHz)
Low	1.297400	1.170000
Middle	1.297400	1.170400
High	1.304900	1.171800

Test Plots

20 dB Bandwidth

GFSK LOW CHANNEL



GFSK MIDDLE CHANNEL



GFSK HIGH CHANNEL

 $\pi/4$ -DQPSK MIDDLE CHANNEL $\pi/4$ -DQPSK LOW CHANNEL

$\pi/4$ -DQPSK HIGH CHANNEL



8-DPSK LOW CHANNEL



8-DPSK MIDDLE CHANNEL



8-DPSK HIGH CHANNEL



99% Bandwidth

GFSK LOW CHANNEL



GFSK MIDDLE CHANNEL



GFSK HIGH CHANNEL

 $\pi/4$ -DQPSK LOW CHANNEL $\pi/4$ -DQPSK MIDDLE CHANNEL

$\pi/4$ -DQPSK HIGH CHANNEL



8-DPSK LOW CHANNEL



8-DPSK MIDDLE CHANNEL



8-DPSK HIGH CHANNEL



Right EarTest Data

GFSK		
Channel	20 dB Bandwidth (MHz)	99% Bandwidth (MHz)
Low	0.997600	0.885240
Middle	0.990000	0.881890
High	0.990000	0.881020
$\pi/4$ -DQPSK		
Channel	20 dB Bandwidth (MHz)	99% Bandwidth (MHz)
Low	1.297600	1.173500
Middle	1.297600	1.172000
High	1.297600	1.172400
8-DPSK		
Channel	20 dB Bandwidth (MHz)	99% Bandwidth (MHz)
Low	1.304900	1.176000
Middle	1.304900	1.173100
High	1.304900	1.173800

Test Plots

20 dB Bandwidth

GFSK LOW CHANNEL



GFSK MIDDLE CHANNEL



GFSK HIGH CHANNEL

 $\pi/4$ -DQPSK MIDDLE CHANNEL $\pi/4$ -DQPSK LOW CHANNEL

$\pi/4$ -DQPSK HIGH CHANNEL



8-DPSK LOW CHANNEL



8-DPSK MIDDLE CHANNEL



8-DPSK HIGH CHANNEL



99% Bandwidth

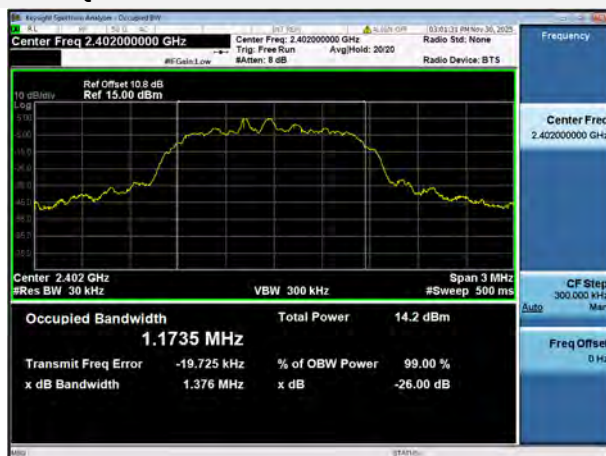
GFSK LOW CHANNEL



GFSK MIDDLE CHANNEL



GFSK HIGH CHANNEL

 $\pi/4$ -DQPSK LOW CHANNEL $\pi/4$ -DQPSK MIDDLE CHANNEL

$\pi/4$ -DQPSK HIGH CHANNEL



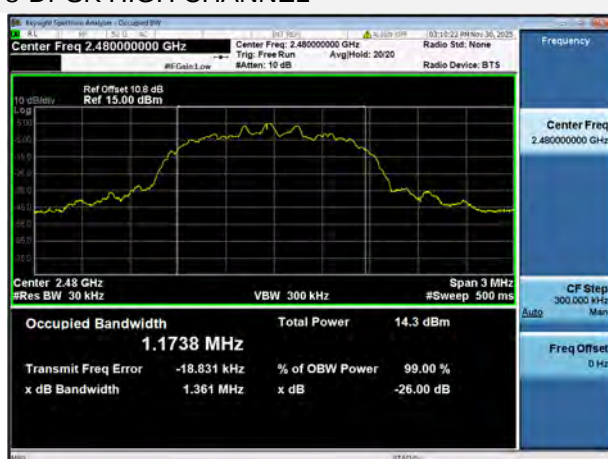
8-DPSK LOW CHANNEL



8-DPSK MIDDLE CHANNEL



8-DPSK HIGH CHANNEL



A.4 Hopping Frequency Separation

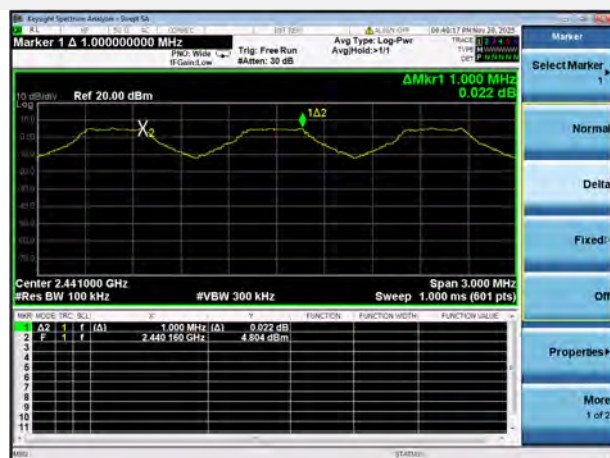
Left Ear

Test Data

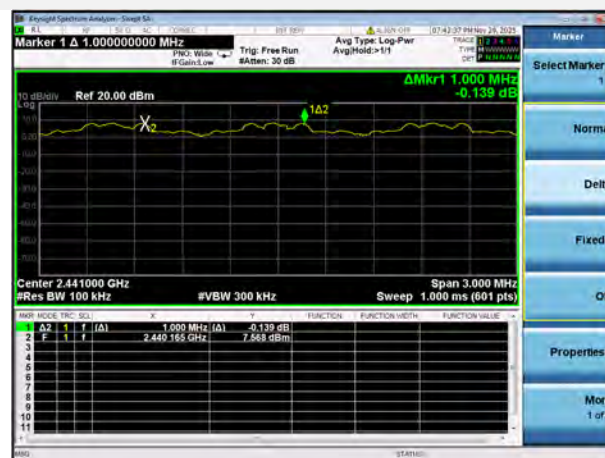
Mode	Frequency separation (MHz)	2/3 of the 20 dB Bandwidth (MHz)	Verdict
GFSK	1.000	0.690	Pass
8-DPSK	1.000	0.870	Pass

Test Plots

GFSK



8-DPSK



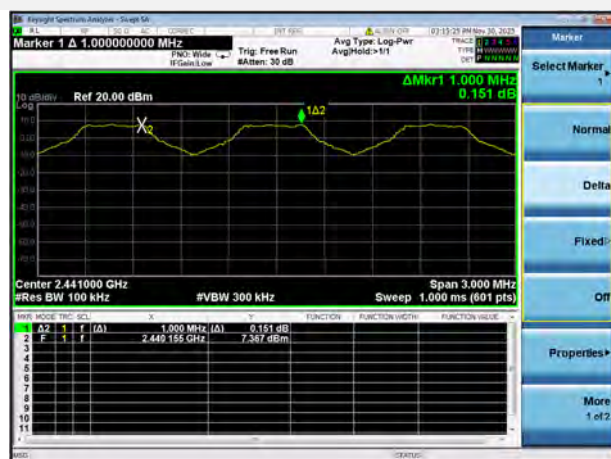
Right Ear

Test Data

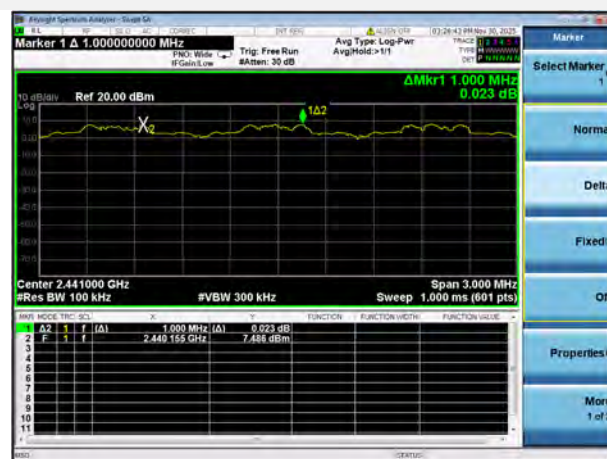
Mode	Frequency separation (MHz)	2/3 of the 20 dB Bandwidth (MHz)	Verdict
GFSK	1.000	0.665	Pass
8-DPSK	1.000	0.870	Pass

Test Plots

GFSK



8-DPSK

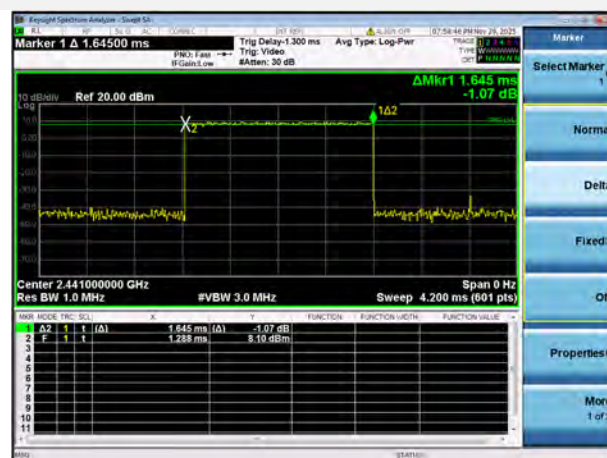


A.5 Average Time of Occupancy

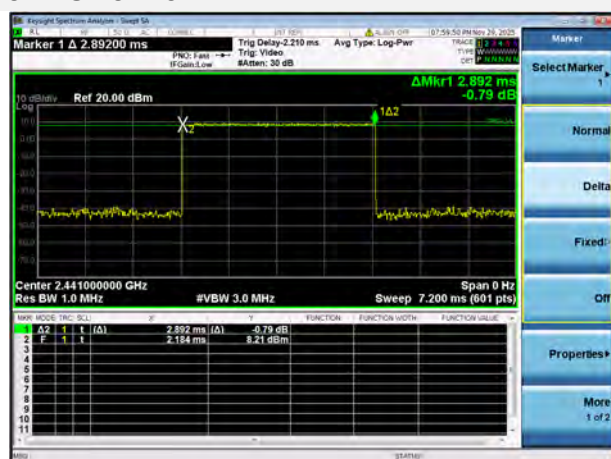
Left Ear

Test Data

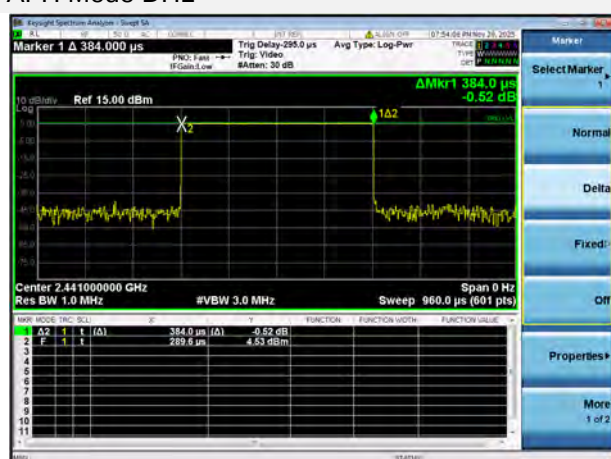
GFSK				
DH Packet	Pulse Width (ms)	Total of Dwell (ms)	Limit (sec)	Verdict
DH 1	0.38240	122.368	0.4	Pass
DH 3	1.63800	262.080	0.4	Pass
DH 5	2.89200	308.480	0.4	Pass
8-DPSK				
DH Packet	Pulse Width (ms)	Total of Dwell (ms)	Limit (sec)	Verdict
3DH 1	0.39200	125.440	0.4	Pass
3DH 3	1.64500	263.200	0.4	Pass
3DH 5	2.89200	308.480	0.4	Pass
AFH Mode				
DH Packet	Pulse Width (ms)	Total of Dwell (ms)	Limit (sec)	Verdict
DH 1	0.38400	61.440	0.4	Pass
DH 3	1.63800	131.040	0.4	Pass
DH 5	2.89200	154.240	0.4	Pass



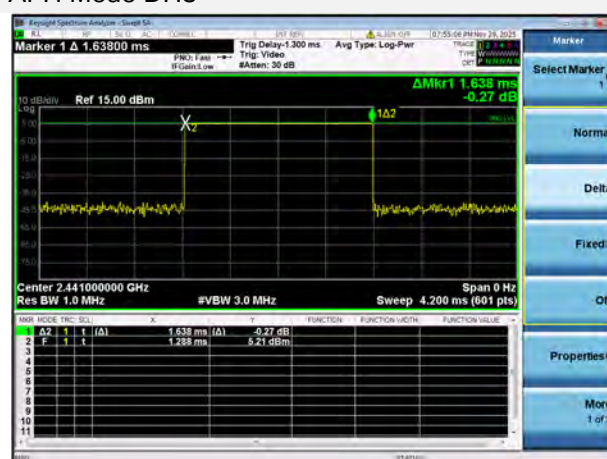
8-DPSK 3DH5



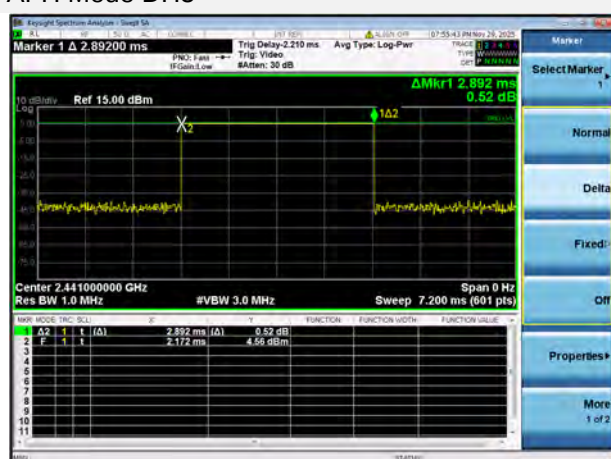
AFH Mode DH1



AFH Mode DH3



AFH Mode DH5

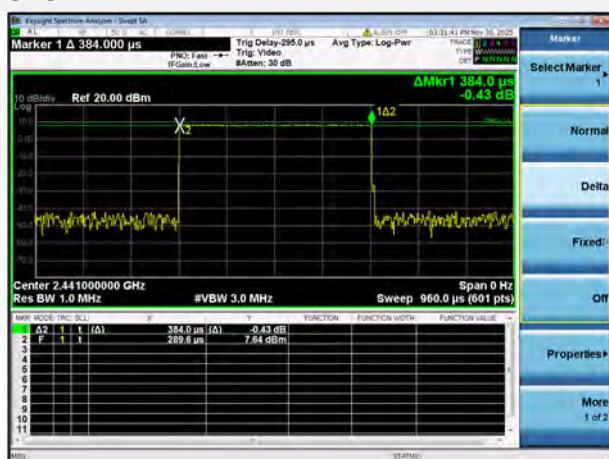


Right EarTest Data

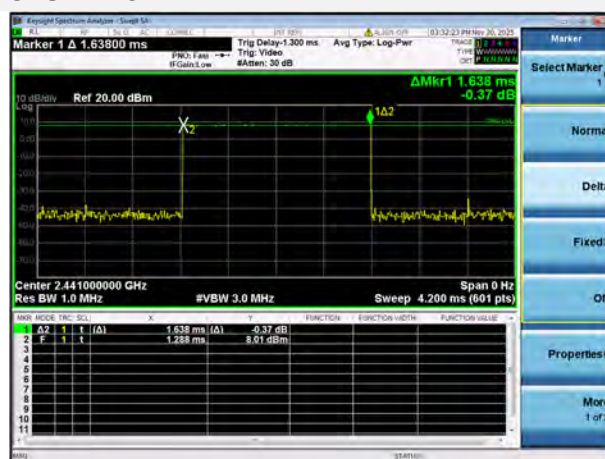
GFSK				
DH Packet	Pulse Width (ms)	Total of Dwell (ms)	Limit (sec)	Verdict
DH 1	0.38400	122.880	0.4	Pass
DH 3	1.63800	262.080	0.4	Pass
DH 5	2.89200	308.480	0.4	Pass
8-DPSK				
DH Packet	Pulse Width (ms)	Total of Dwell (ms)	Limit (sec)	Verdict
3DH 1	0.39360	125.952	0.4	Pass
3DH 3	1.64500	263.200	0.4	Pass
3DH 5	2.89200	308.480	0.4	Pass
AFH Mode				
DH Packet	Pulse Width (ms)	Total of Dwell (ms)	Limit (sec)	Verdict
DH 1	0.38400	61.440	0.4	Pass
DH 3	1.63800	131.040	0.4	Pass
DH 5	2.89200	154.240	0.4	Pass

Test Plots

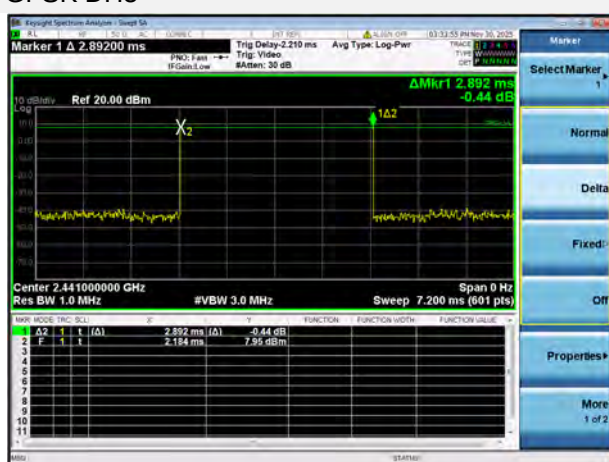
GFSK DH1



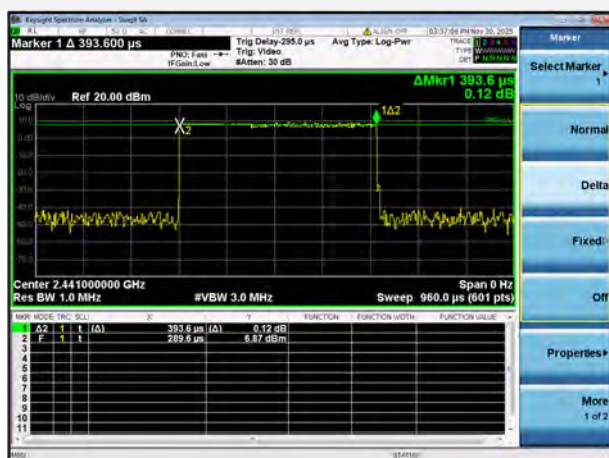
GFSK DH3



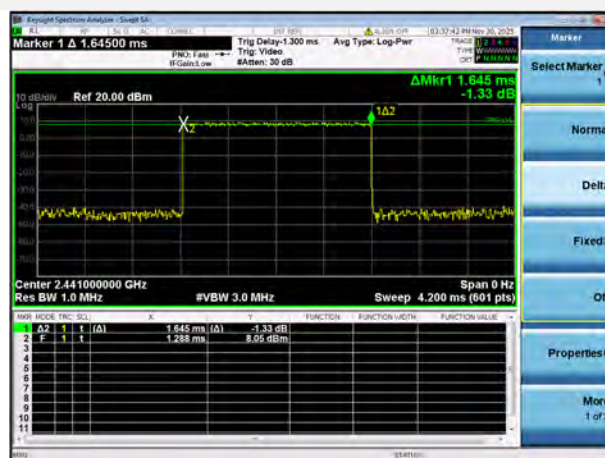
GFSK DH5



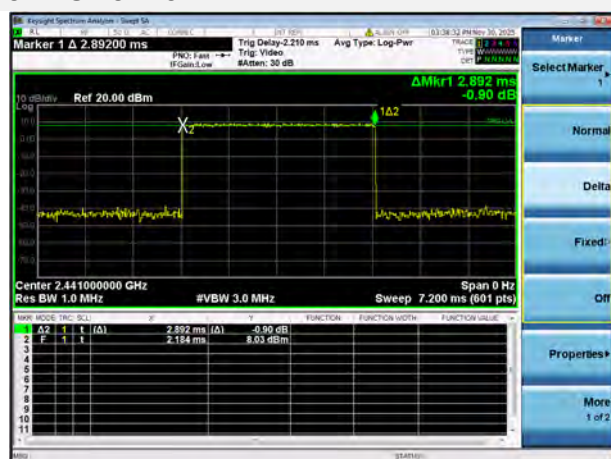
8-DPSK 3DH1



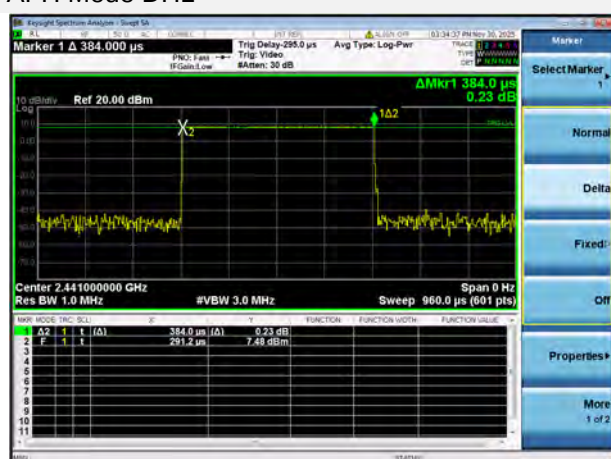
8-DPSK 3DH3



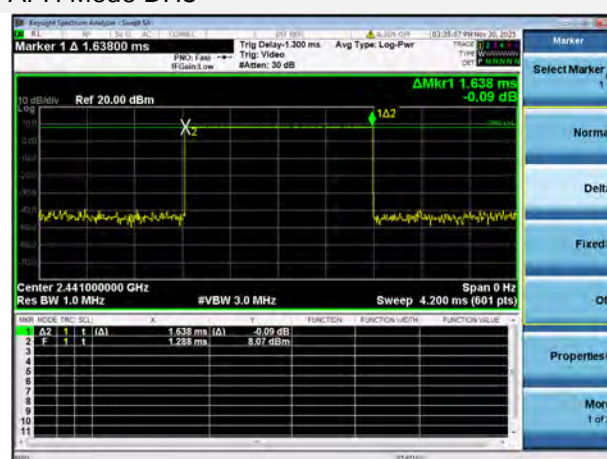
8-DPSK 3DH5



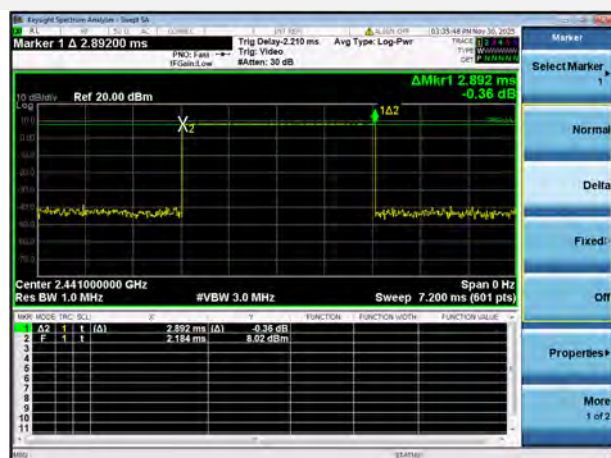
AFH Mode DH1



AFH Mode DH3



AFH Mode DH5



A.6 Conducted Spurious Emissions & Authorized-band band-edge

Left Ear

Test Data

GFSK				
Channel	Measured Max. Out of Band Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
Low	-33.88	5.10	-14.90	Pass
Middle	-34.12	4.96	-15.04	Pass
High	-33.57	4.72	-15.28	Pass
8-DPSK				
Channel	Measured Max. Out of Band Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
Low	-34.23	7.96	-12.04	Pass
Middle	-34.85	8.04	-11.96	Pass
High	-34.16	7.86	-12.14	Pass

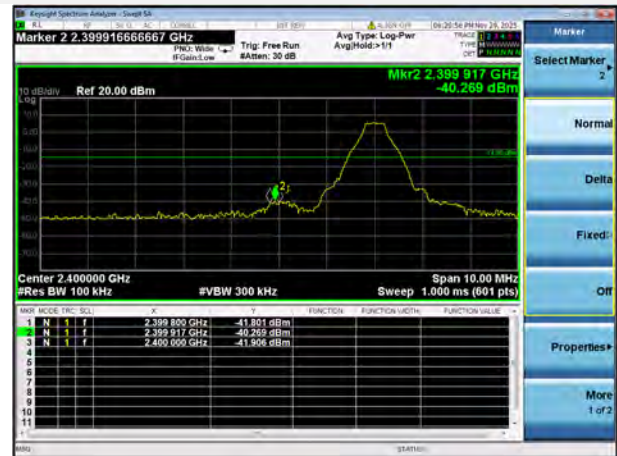
Hopping Mode				
Mode	Measured Max. Out of Band Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
GFSK	-34.34	5.38	-14.62	Pass
8-DPSK	-34.11	8.35	-11.65	Pass

Test Plots

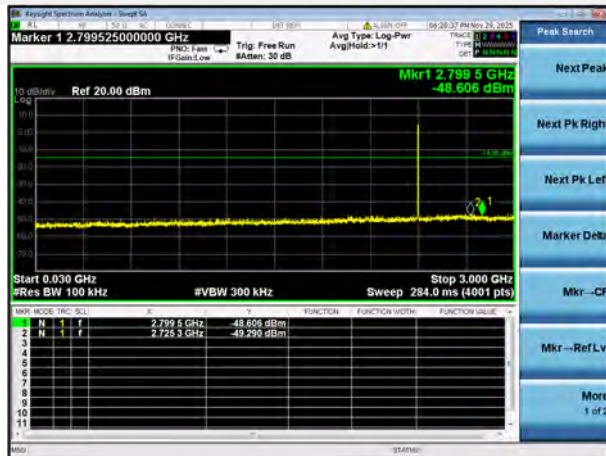
GFSK LOW CHANNEL, CARRIER LEVEL



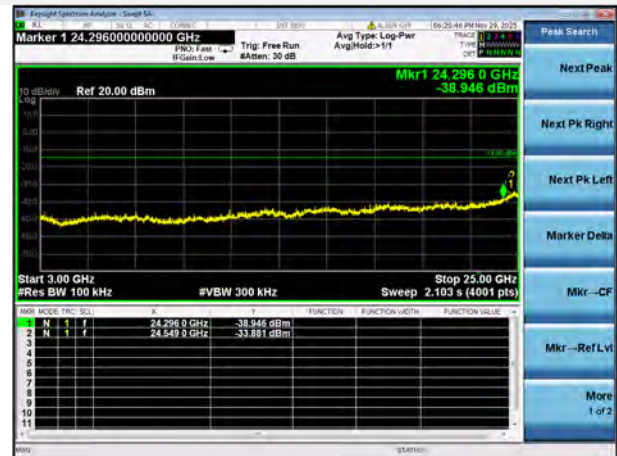
GFSK LOW CHANNEL, BAND EDGE



GFSK LOW CHANNEL, SPURIOUS 30 MHz ~ 3 GHz



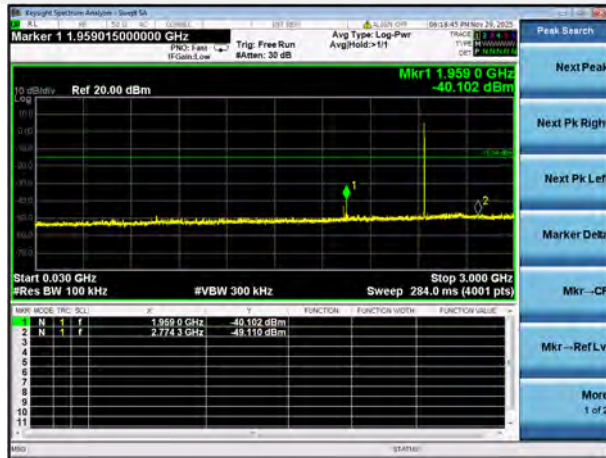
GFSK LOW CHANNEL, SPURIOUS 3 GHz ~ 25 GHz



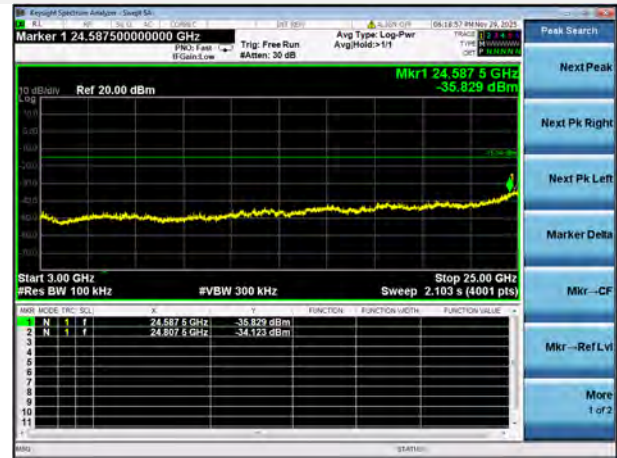
GFSK MIDDLE CHANNEL, CARRIER LEVEL



GFSK MIDDLE CHANNEL, SPURIOUS 30 MHz ~ 3 GHz



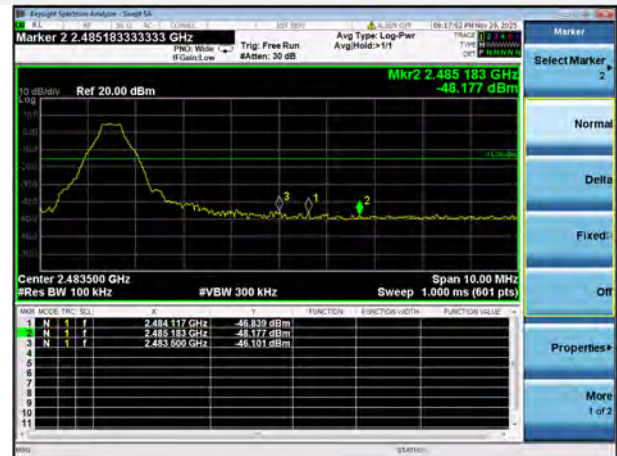
GFSK MIDDLE CHANNEL, SPURIOUS 3 GHz ~ 25 GHz



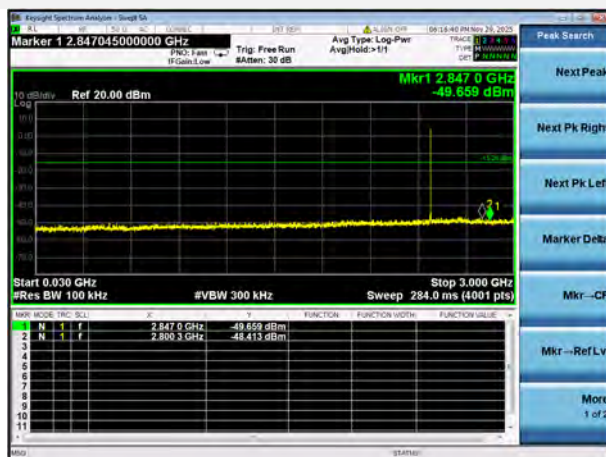
GFSK HIGH CHANNEL, CARRIER LEVEL



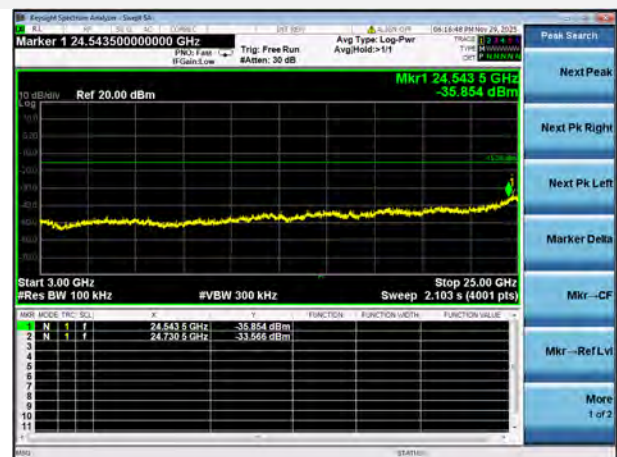
GFSK HIGH CHANNEL, BAND EDGE



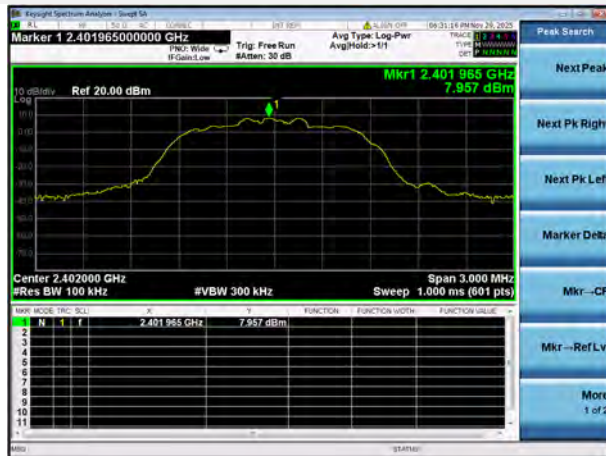
GFSK HIGH CHANNEL, SPURIOUS 30 MHz ~ 3 GHz



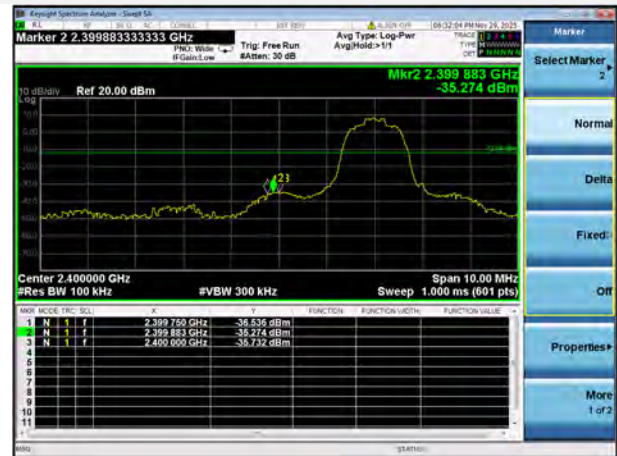
GFSK HIGH CHANNEL, SPURIOUS 3 GHz ~ 25 GHz



8-DPSK LOW CHANNEL, CARRIER LEVEL

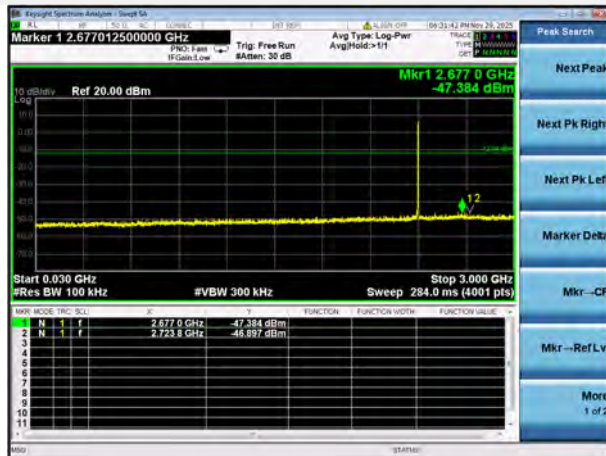


8-DPSK LOW CHANNEL, BAND EDGE



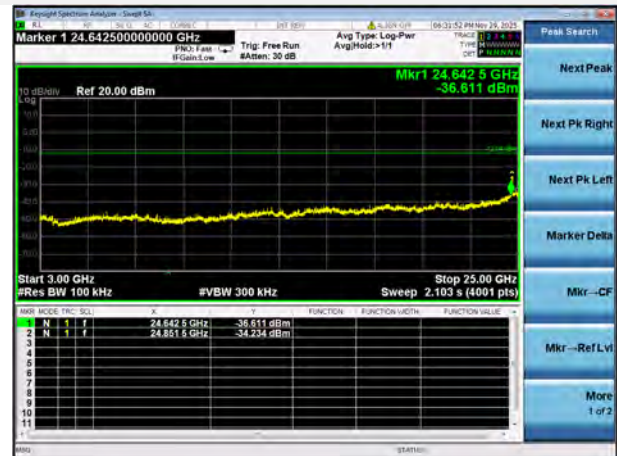
8-DPSK LOW CHANNEL, SPURIOUS

30 MHz ~ 3 GHz

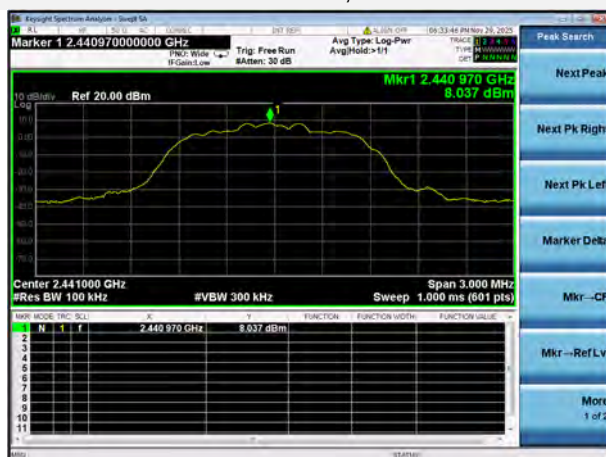


8-DPSK LOW CHANNEL, SPURIOUS

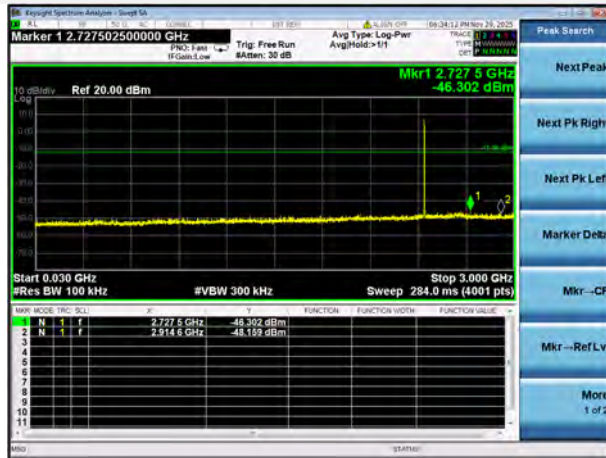
3 GHz ~ 25 GHz



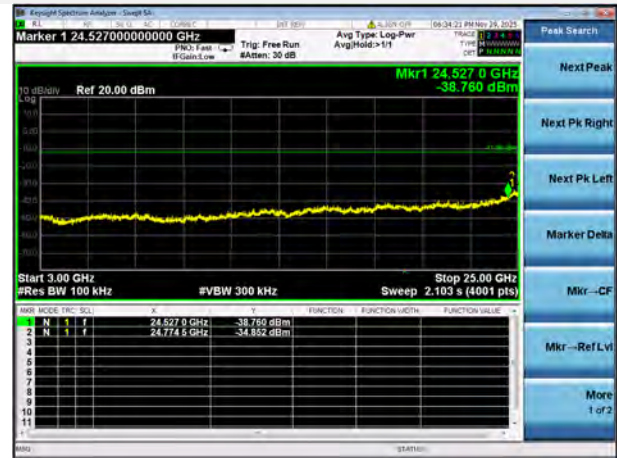
8-DPSK MIDDLE CHANNEL, CARRIER LEVEL



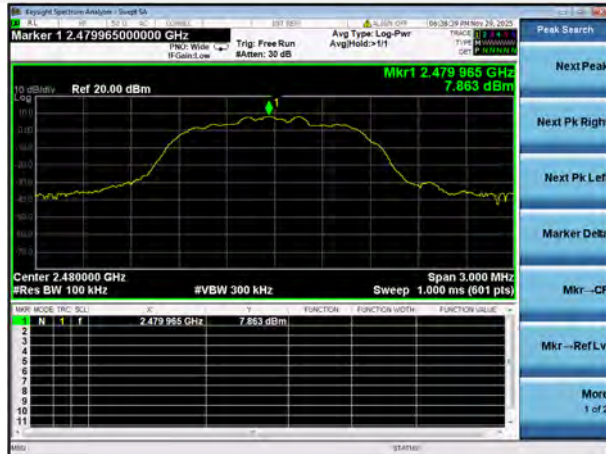
8-DPSK MIDDLE CHANNEL, SPURIOUS 30 MHz ~ 3 GHz



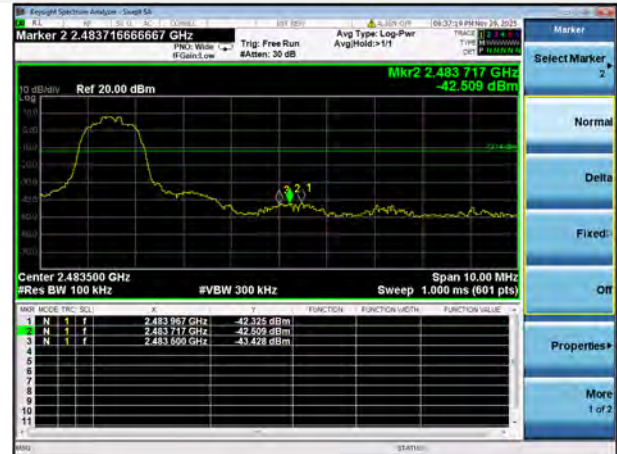
8-DPSK MIDDLE CHANNEL, SPURIOUS 3 GHz ~ 25 GHz



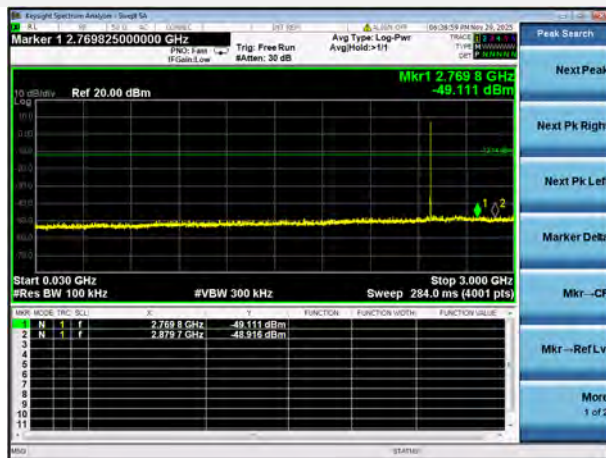
8-DPSK HIGH CHANNEL, CARRIER LEVEL



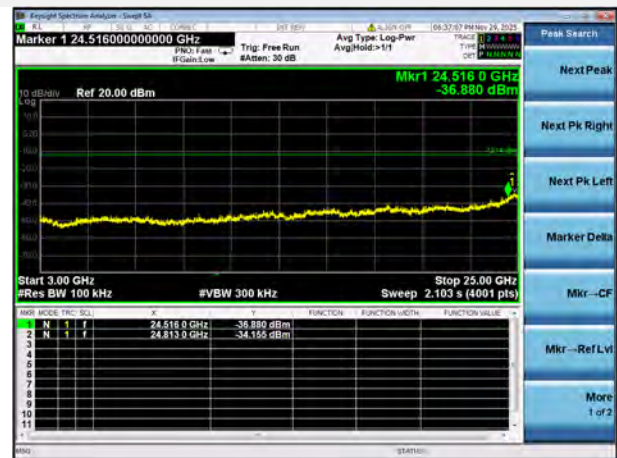
8-DPSK HIGH CHANNEL, BAND EDGE



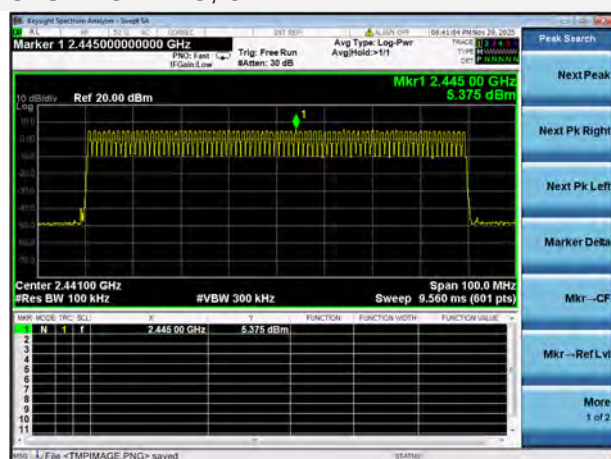
8-DPSK HIGH CHANNEL, SPURIOUS 30 MHz ~ 3 GHz



8-DPSK HIGH CHANNEL, SPURIOUS 3 GHz ~ 25 GHz



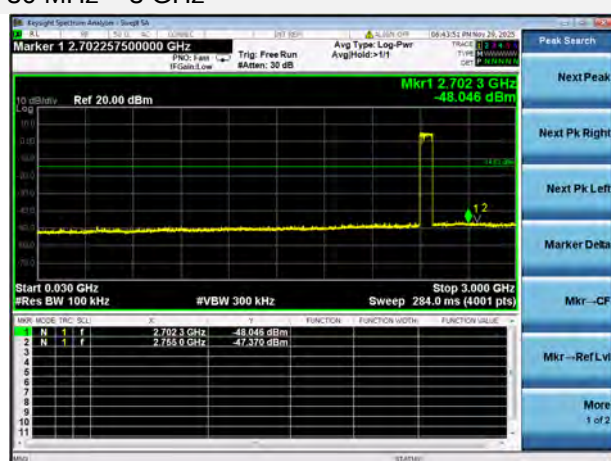
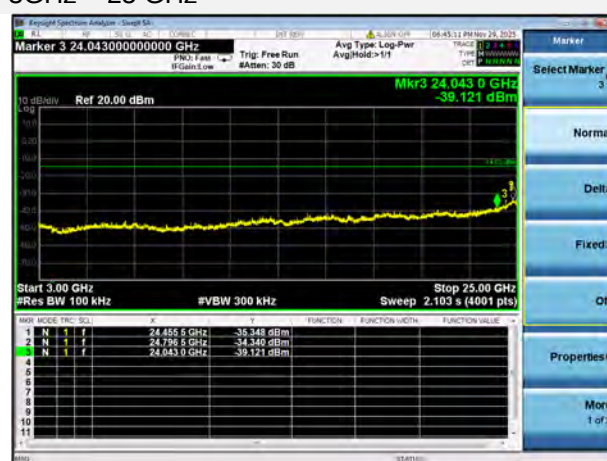
GFSK HOPPING, CARRIER LEVEL



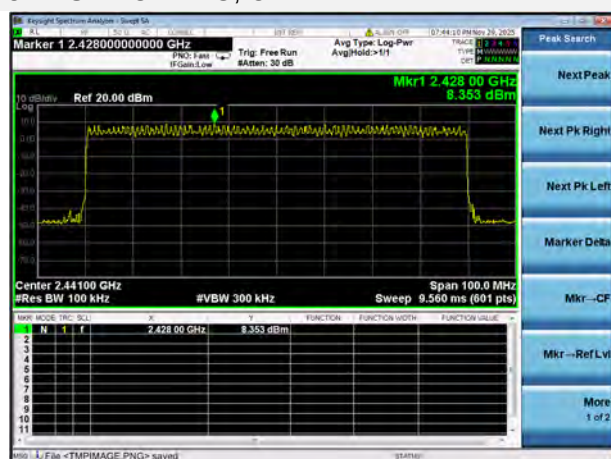
GFSK HOPPING BAND EDGE (LOW)



GFSK HOPPING BAND EDGE (HIGH)

GFSK Hopping Mode, SPURIOUS
30 MHz ~ 3 GHzGFSK Hopping Mode, SPURIOUS
3GHz ~ 25 GHz

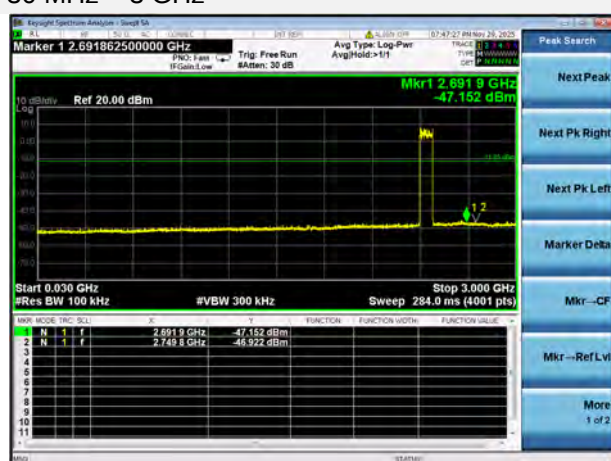
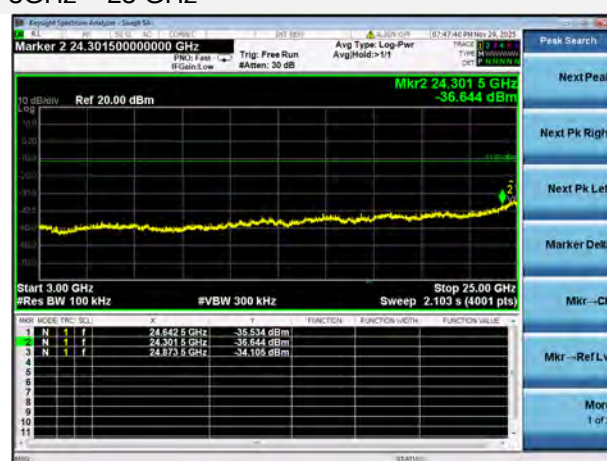
8-DPSK HOPPING, CARRIER LEVEL



8-DPSK Hopping BAND EDGE (LOW)



8-DPSK Hopping BAND EDGE (HIGH)

8-DPSK Hopping Mode, SPURIOUS
30 MHz ~ 3 GHz8-DPSK Hopping Mode, SPURIOUS
3GHz ~ 25 GHz

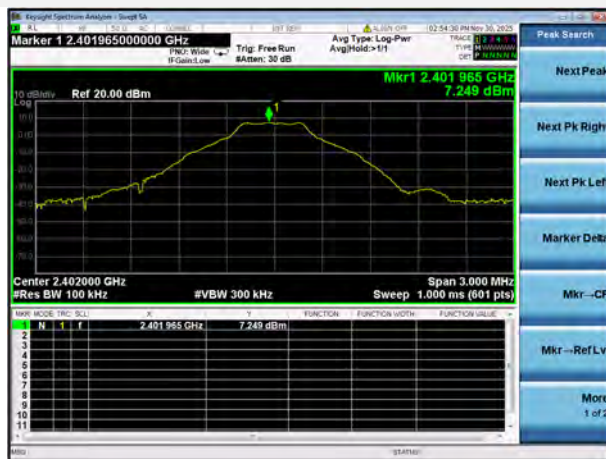
Right EarTest Data

GFSK				
Channel	Measured Max. Out of Band Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
Low	-36.76	7.25	-12.75	Pass
Middle	-35.57	7.45	-12.55	Pass
High	-33.39	7.74	-12.26	Pass
8-DPSK				
Channel	Measured Max. Out of Band Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
Low	-34.09	7.50	-12.50	Pass
Middle	-34.77	7.75	-12.25	Pass
High	-35.01	7.75	-12.25	Pass

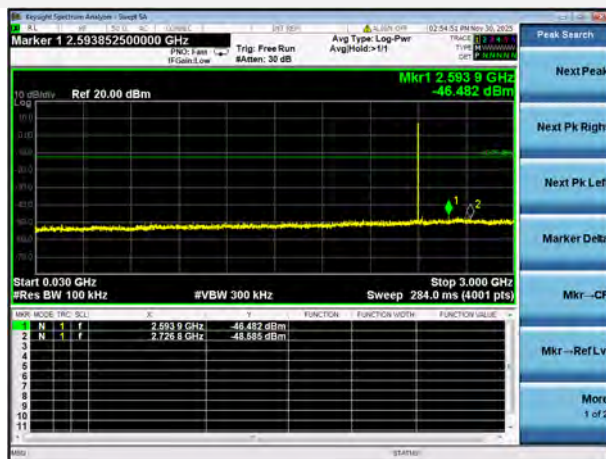
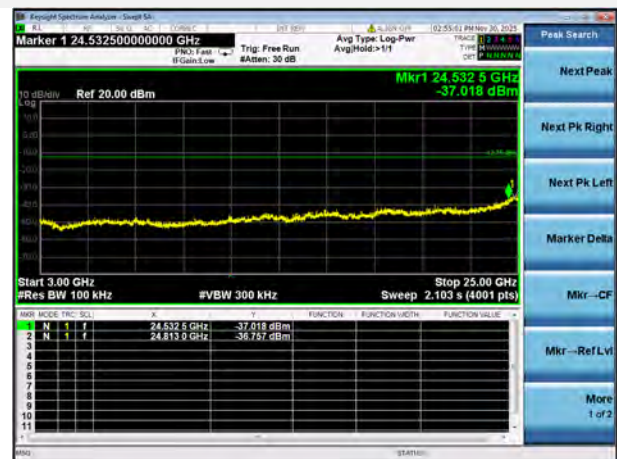
Hopping Mode				
Mode	Measured Max. Out of Band Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
GFSK	-34.76	8.07	-11.93	Pass
8-DPSK	-32.62	8.13	-11.87	Pass

Test Plots

GFSK LOW CHANNEL, CARRIER LEVEL



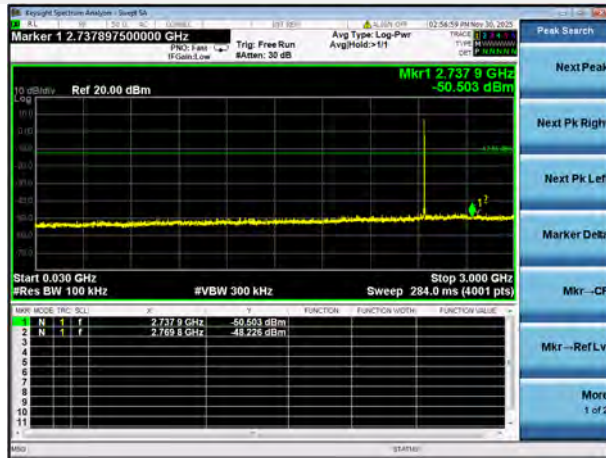
GFSK LOW CHANNEL, BAND EDGE

GFSK LOW CHANNEL, SPURIOUS
30 MHz ~ 3 GHzGFSK LOW CHANNEL, SPURIOUS
3 GHz ~ 25 GHz

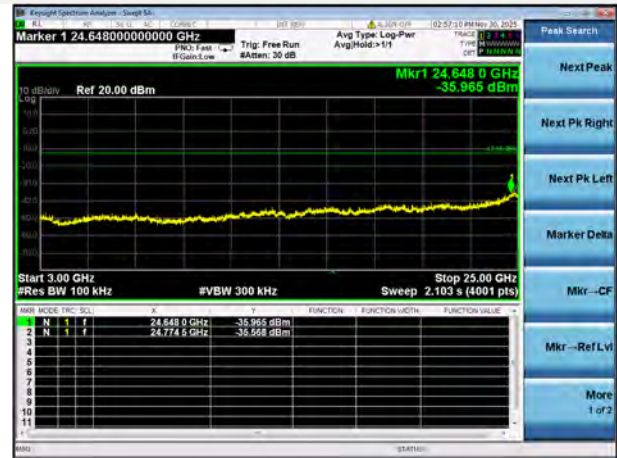
GFSK MIDDLE CHANNEL, CARRIER LEVEL



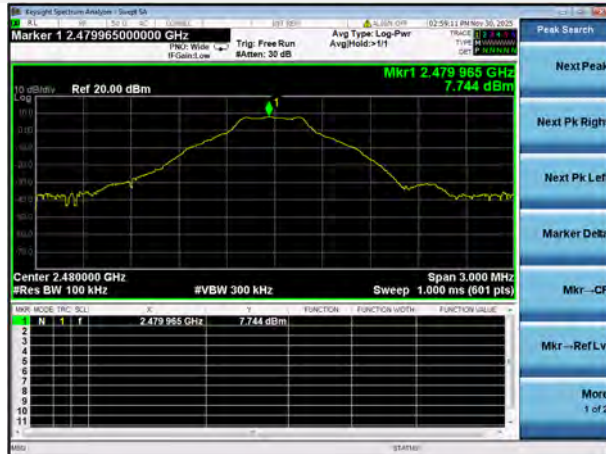
GFSK MIDDLE CHANNEL, SPURIOUS 30 MHz ~ 3 GHz



GFSK MIDDLE CHANNEL, SPURIOUS 3 GHz ~ 25 GHz



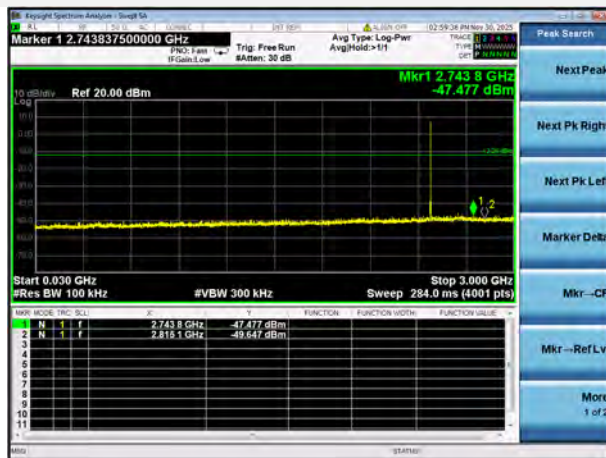
GFSK HIGH CHANNEL, CARRIER LEVEL



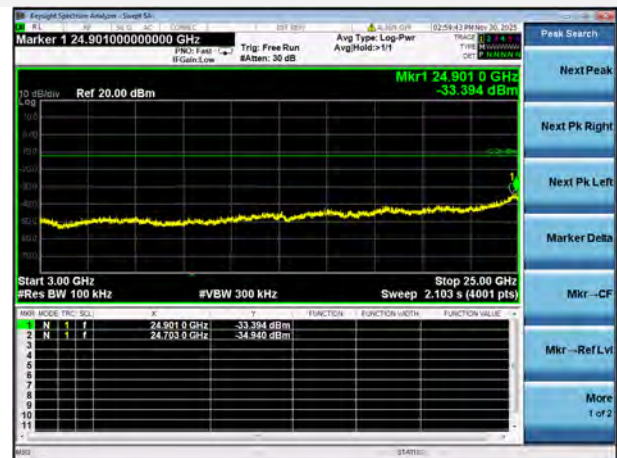
GFSK HIGH CHANNEL, BAND EDGE



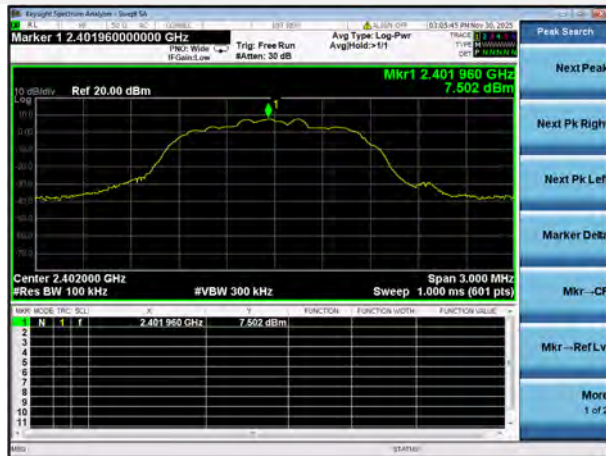
GFSK HIGH CHANNEL, SPURIOUS 30 MHz ~ 3 GHz



GFSK HIGH CHANNEL, SPURIOUS 3 GHz ~ 25 GHz



8-DPSK LOW CHANNEL, CARRIER LEVEL

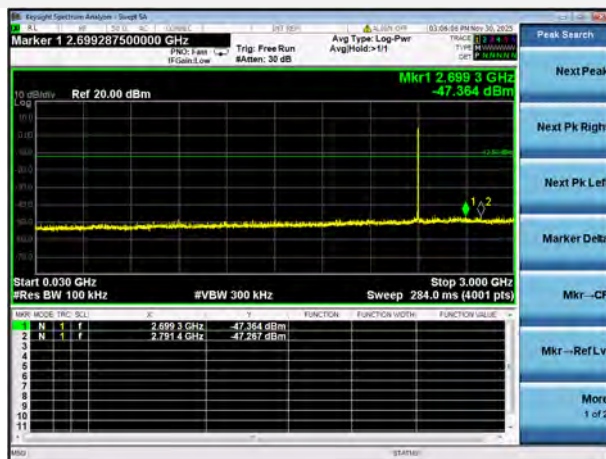


8-DPSK LOW CHANNEL, BAND EDGE



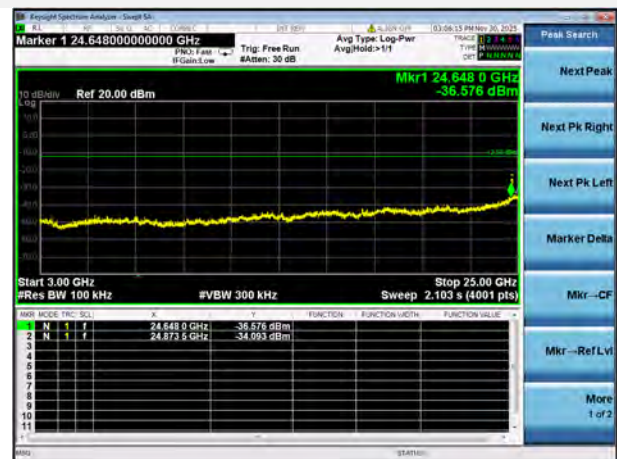
8-DPSK LOW CHANNEL, SPURIOUS

30 MHz ~ 3 GHz

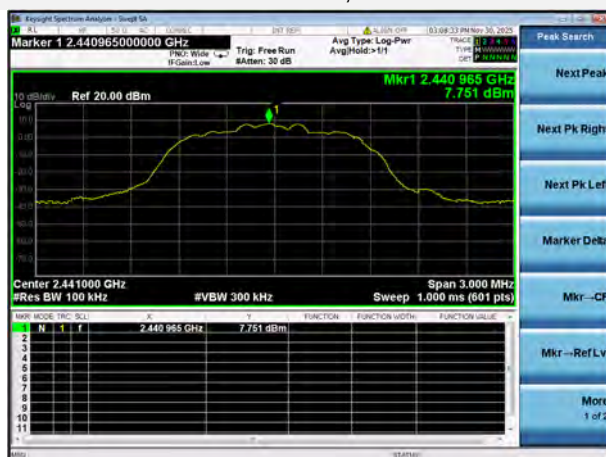


8-DPSK LOW CHANNEL, SPURIOUS

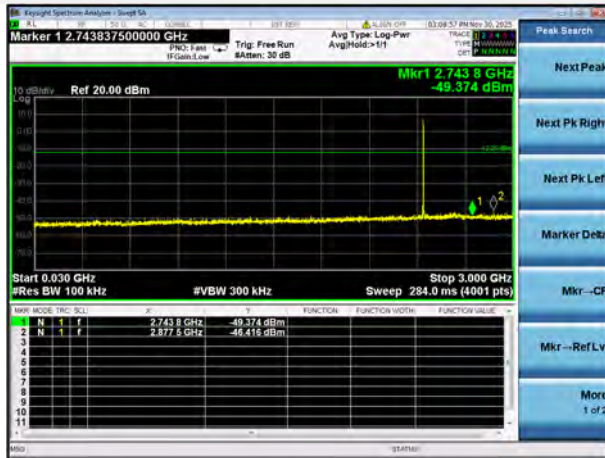
3 GHz ~ 25 GHz



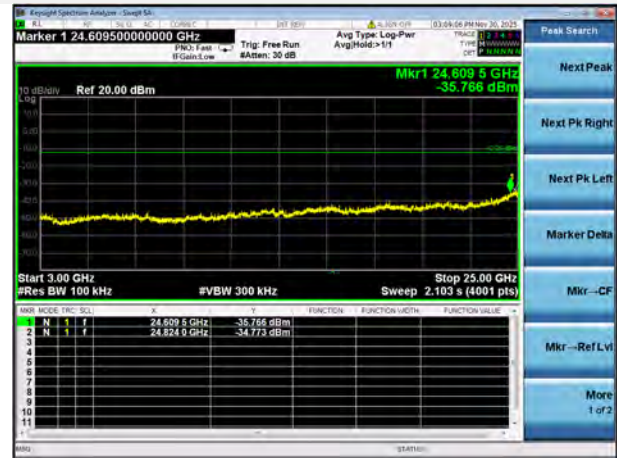
8-DPSK MIDDLE CHANNEL, CARRIER LEVEL



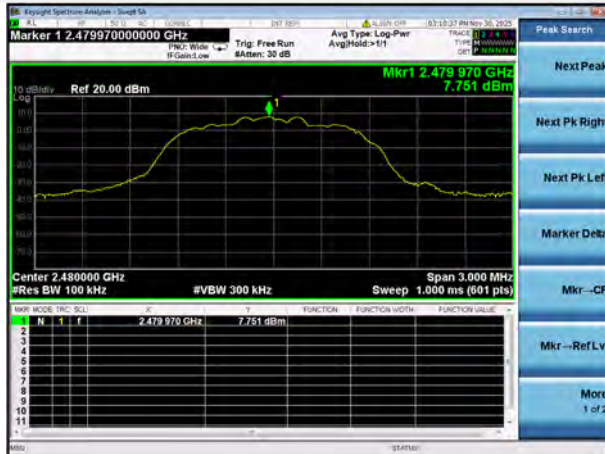
8-DPSK MIDDLE CHANNEL, SPURIOUS 30 MHz ~ 3 GHz



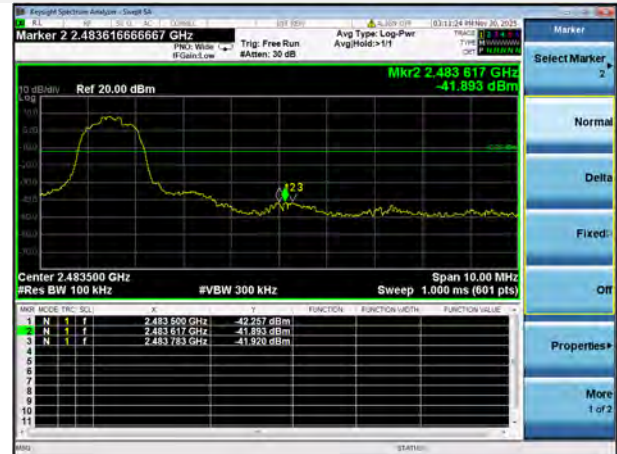
8-DPSK MIDDLE CHANNEL, SPURIOUS 3 GHz ~ 25 GHz



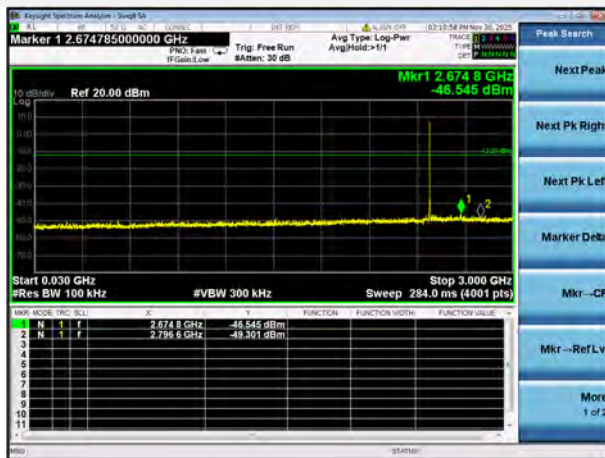
8-DPSK HIGH CHANNEL, CARRIER LEVEL



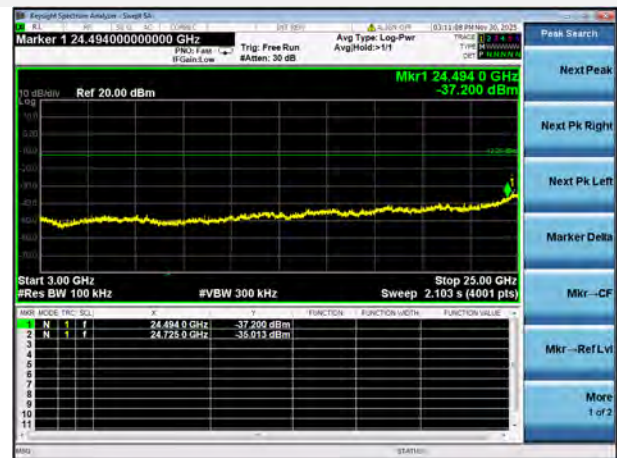
8-DPSK HIGH CHANNEL, BAND EDGE



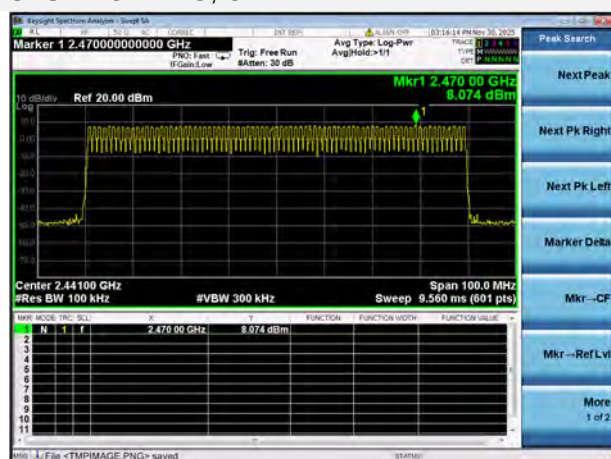
8-DPSK HIGH CHANNEL, SPURIOUS 30 MHz ~ 3 GHz



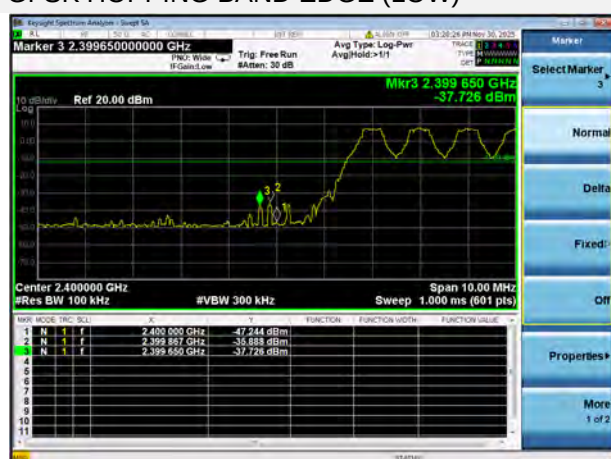
8-DPSK HIGH CHANNEL, SPURIOUS 3 GHz ~ 25 GHz



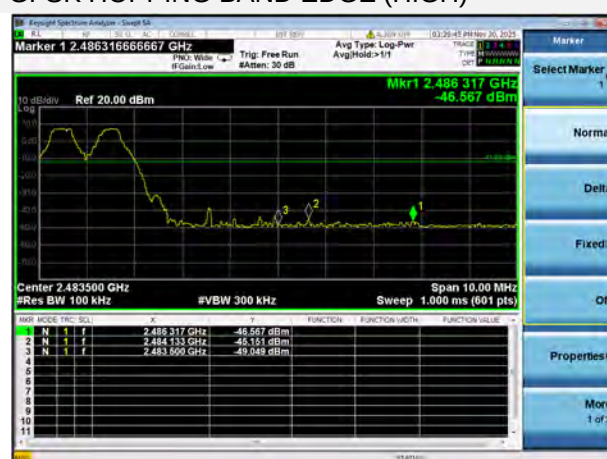
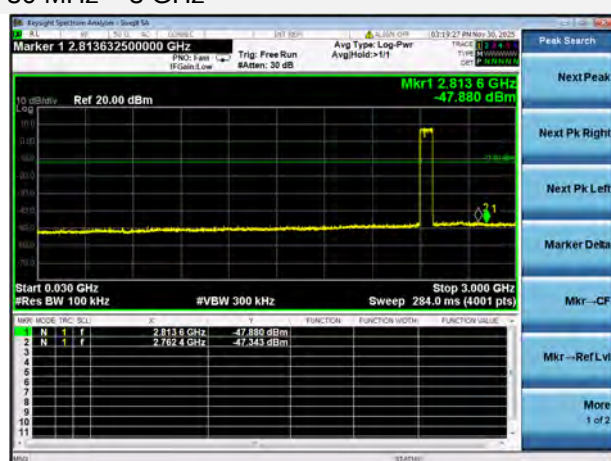
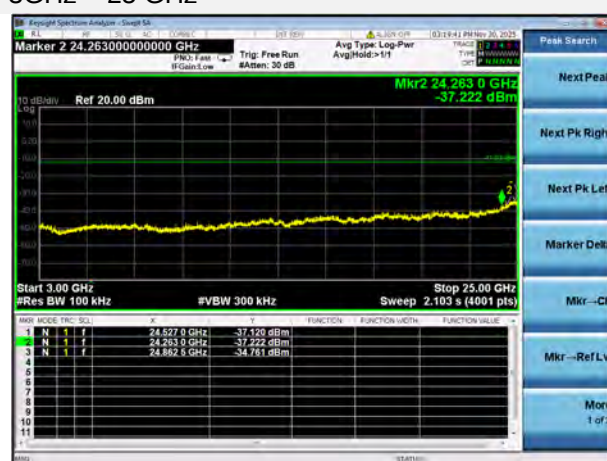
GFSK HOPPING, CARRIER LEVEL



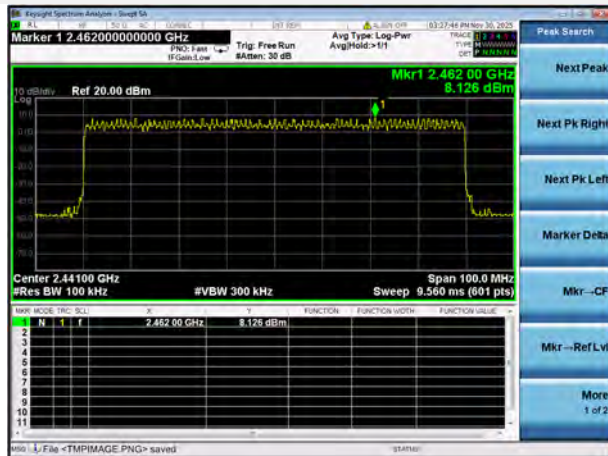
GFSK HOPPING BAND EDGE (LOW)



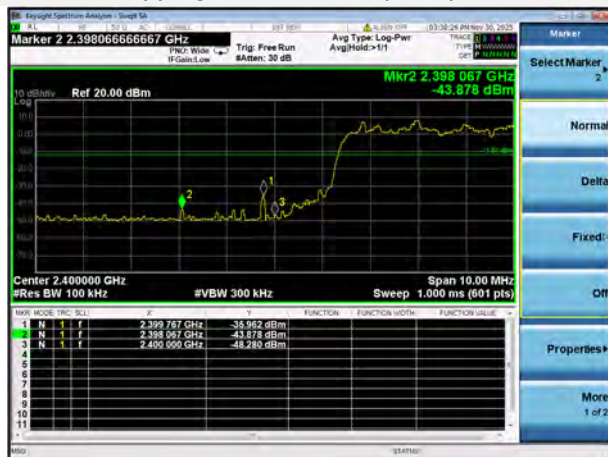
GFSK HOPPING BAND EDGE (HIGH)

GFSK Hopping Mode, SPURIOUS
30 MHz ~ 3 GHzGFSK Hopping Mode, SPURIOUS
3GHz ~ 25 GHz

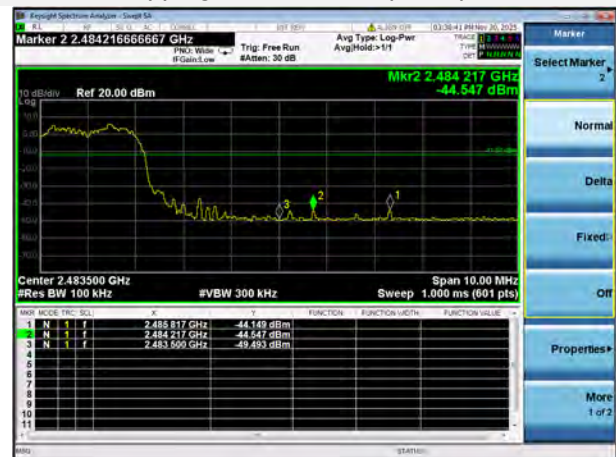
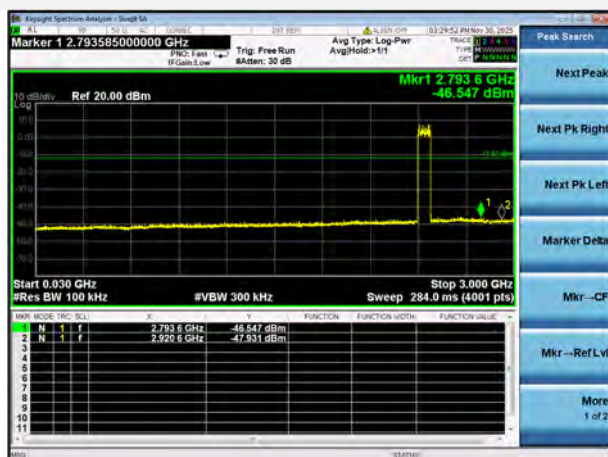
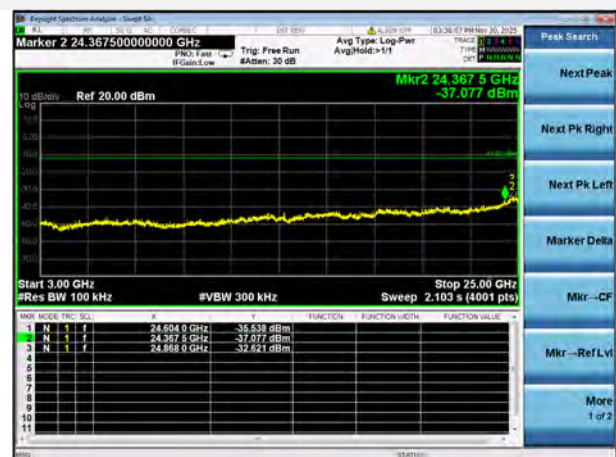
8-DPSK HOPPING, CARRIER LEVEL



8-DPSK Hopping BAND EDGE (LOW)



8-DPSK Hopping BAND EDGE (HIGH)

8-DPSK Hopping Mode, SPURIOUS
30 MHz ~ 3 GHz8-DPSK Hopping Mode, SPURIOUS
3GHz ~ 25 GHz

A.7 Conducted Emissions

Note ¹: The EUT is working in the Normal link mode. All modes have been tested and normal link mode is worst.

Note ²: Devices subject to Part 15 must be tested for all available U.S. voltages and frequencies (such as a nominal 120 VAC, 60 Hz and 240 VAC, 50 Hz) for which the device is capable of operation. So, The configuration 120 VAC, 60 Hz and 240 VAC, 50 Hz were tested respectively, but only the worst configuration (120 VAC, 60 Hz) shown here.

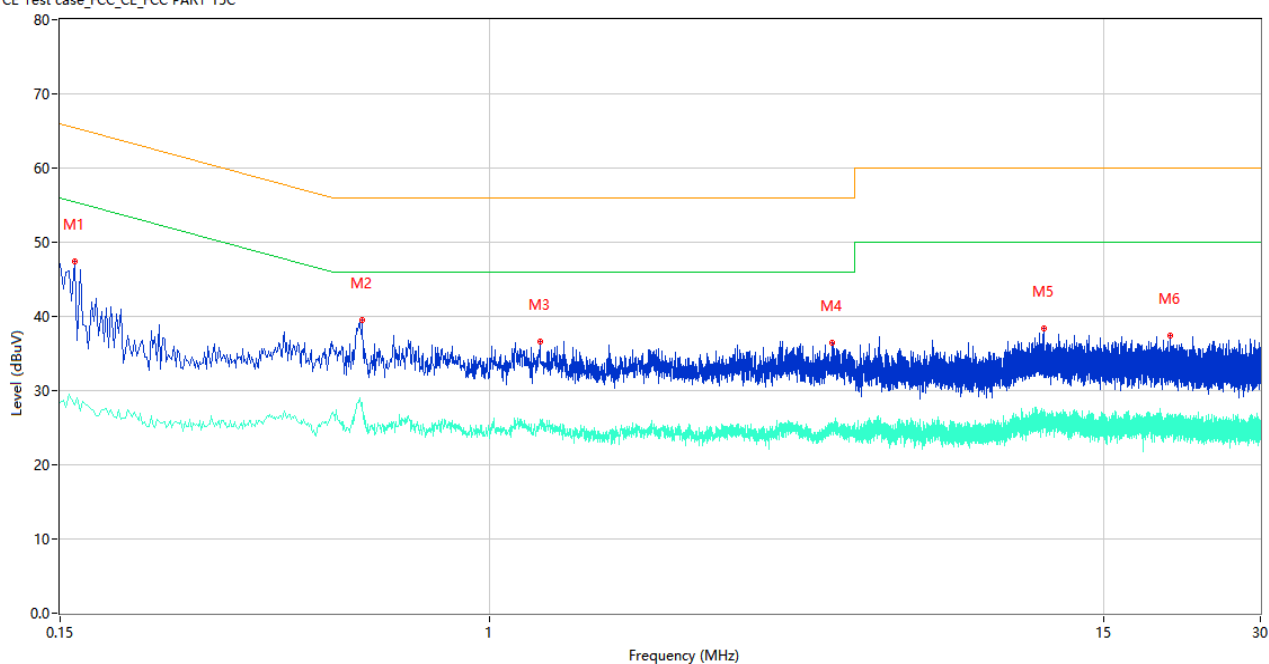
Note ³: Results (dBuV) = Original reading level of Spectrum Analyzer (dBuV) + Factor (dB)

Test Data and Plots

Left Ear

PHASE L

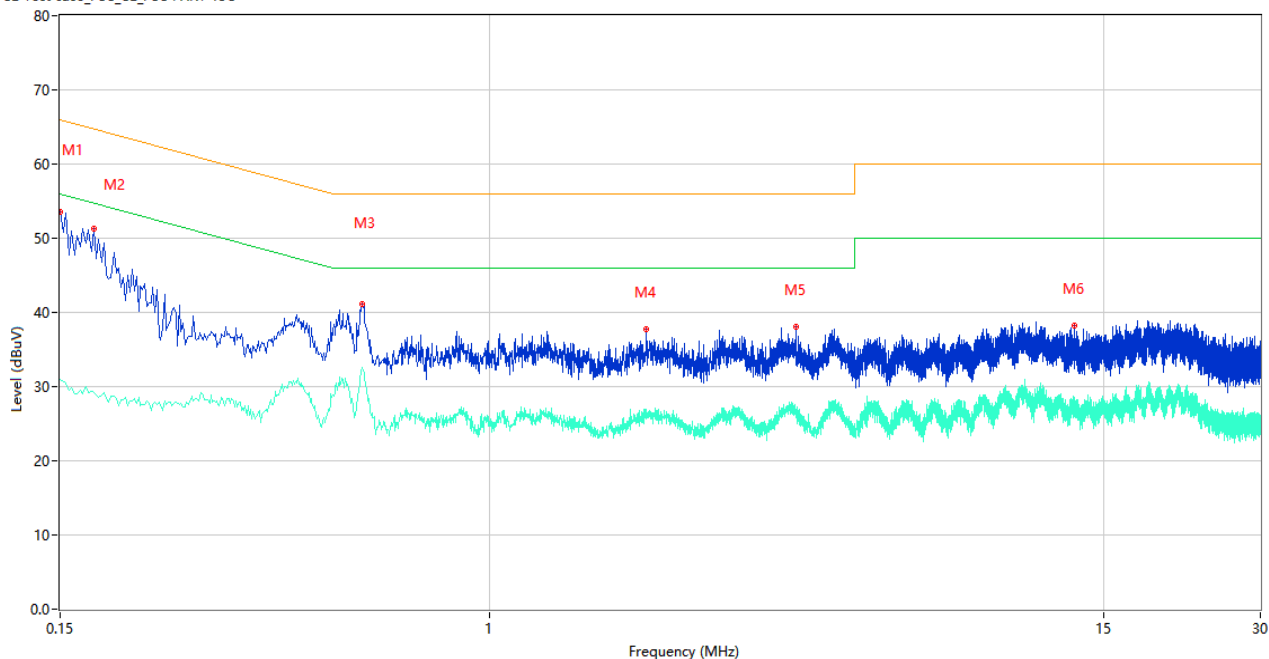
CE Test case_FCC_CE_FCC PART 15C



No.	Frequency (MHz)	Results (dBuV)	Factor (dB)	Limit (dBuV)	Margin (dB)	Detector	Line	Verdict
1	0.160	47.40	9.85	65.46	18.06	Peak	L	Pass
1**	0.160	28.12	9.85	55.46	27.34	AV	L	Pass
2	0.570	39.48	10.14	56.00	16.52	Peak	L	Pass
2**	0.570	27.82	10.14	46.00	18.18	AV	L	Pass
3	1.246	36.59	10.47	56.00	19.41	Peak	L	Pass
3**	1.246	25.49	10.47	46.00	20.51	AV	L	Pass
4	4.538	36.38	10.45	56.00	19.62	Peak	L	Pass
4**	4.538	25.02	10.45	46.00	20.98	AV	L	Pass
5	11.560	38.36	10.67	60.00	21.64	Peak	L	Pass
5**	11.560	26.54	10.67	50.00	23.46	AV	L	Pass
6	20.142	37.47	11.04	60.00	22.53	Peak	L	Pass
6**	20.142	26.00	11.04	50.00	24.00	AV	L	Pass

PHASE N

CE Test case_FCC_CE_FCC PART 15C

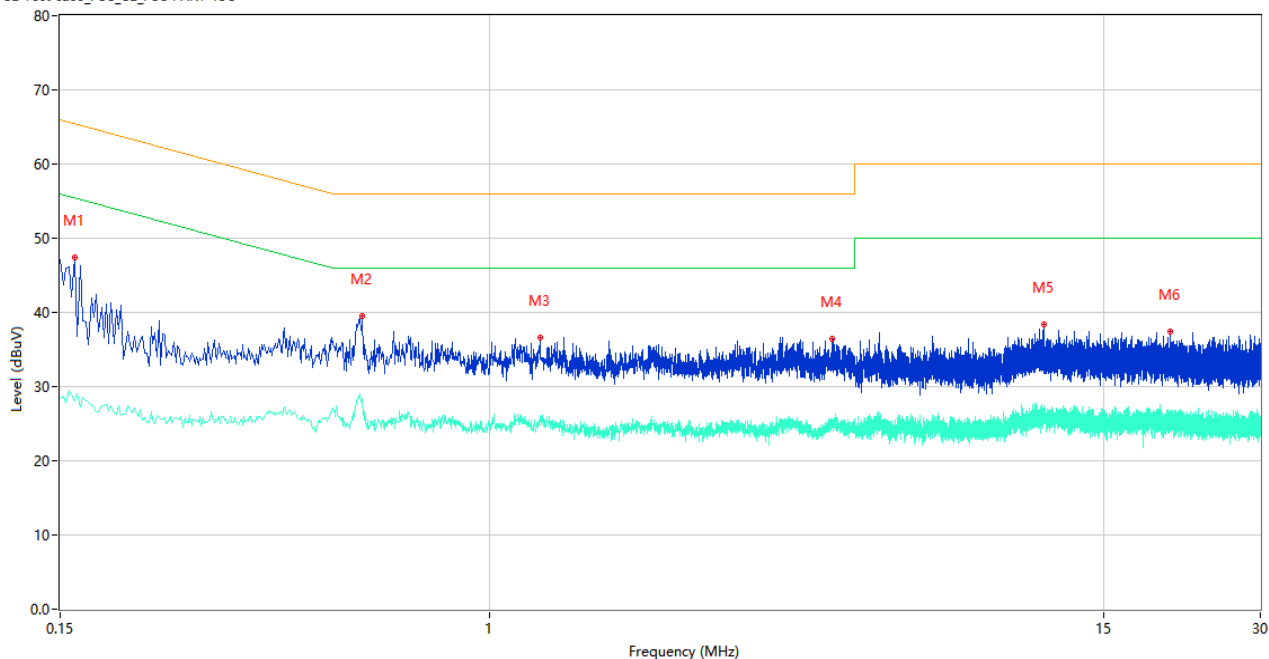


No.	Frequency (MHz)	Results (dBuV)	Factor (dB)	Limit (dBuV)	Margin (dB)	Detector	Line	Verdict
1	0.150	53.58	9.86	66.00	12.42	Peak	N	Pass
1**	0.150	30.96	9.86	56.00	25.04	AV	N	Pass
2	0.174	51.33	9.85	64.77	13.44	Peak	N	Pass
2**	0.174	29.18	9.85	54.77	25.59	AV	N	Pass
3	0.568	41.13	10.14	56.00	14.87	Peak	N	Pass
3**	0.568	32.63	10.14	46.00	13.37	AV	N	Pass
4	1.998	37.79	10.27	56.00	18.21	Peak	N	Pass
4**	1.998	26.37	10.27	46.00	19.63	AV	N	Pass
5	3.868	38.02	10.35	56.00	17.98	Peak	N	Pass
5**	3.868	26.58	10.35	46.00	19.42	AV	N	Pass
6	13.200	38.15	10.85	60.00	21.85	Peak	N	Pass
6**	13.200	28.07	10.85	50.00	21.93	AV	N	Pass

Right Ear

PHASE L

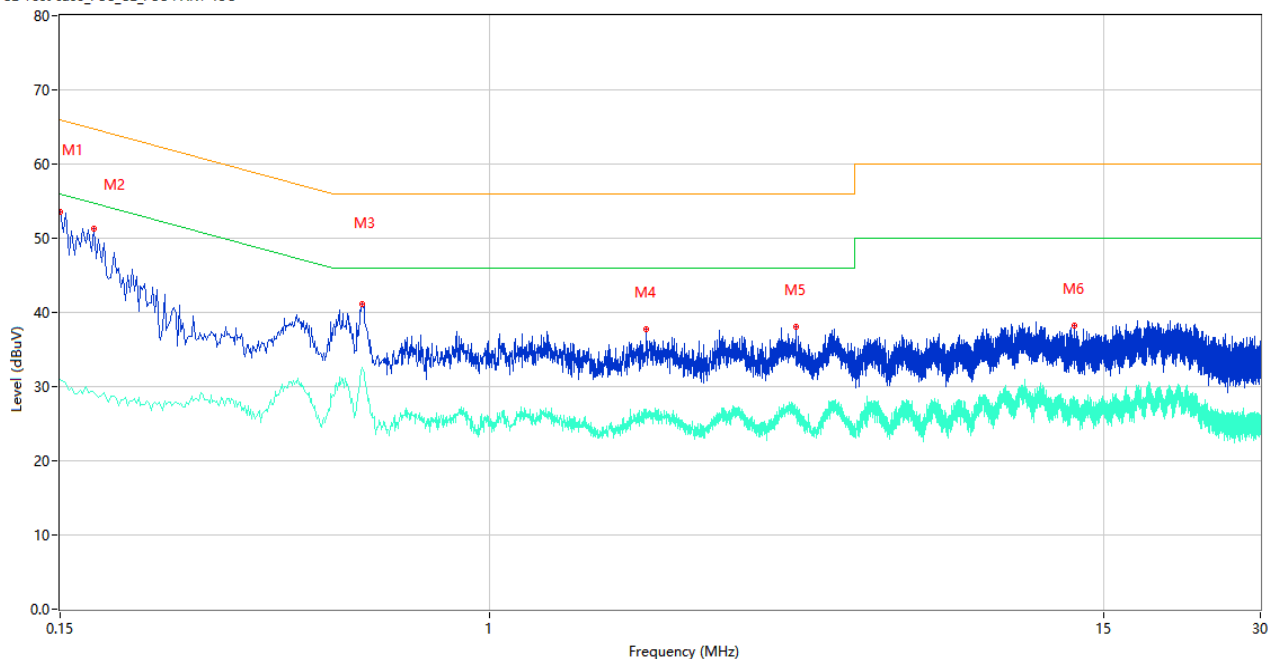
CE Test case_FCC_CE_FCC PART 15C



No.	Frequency (MHz)	Results (dBuV)	Factor (dB)	Limit (dBuV)	Margin (dB)	Detector	Line	Verdict
1	0.160	47.40	9.85	65.46	18.06	Peak	L	Pass
1**	0.160	28.12	9.85	55.46	27.34	AV	L	Pass
2	0.570	39.48	10.14	56.00	16.52	Peak	L	Pass
2**	0.570	27.82	10.14	46.00	18.18	AV	L	Pass
3	1.246	36.59	10.47	56.00	19.41	Peak	L	Pass
3**	1.246	25.49	10.47	46.00	20.51	AV	L	Pass
4	4.538	36.38	10.45	56.00	19.62	Peak	L	Pass
4**	4.538	25.02	10.45	46.00	20.98	AV	L	Pass
5	11.560	38.36	10.67	60.00	21.64	Peak	L	Pass
5**	11.560	26.54	10.67	50.00	23.46	AV	L	Pass
6	20.142	37.47	11.04	60.00	22.53	Peak	L	Pass
6**	20.142	26.00	11.04	50.00	24.00	AV	L	Pass

PHASE N

CE Test case_FCC_CE_FCC PART 15C



No.	Frequency (MHz)	Results (dBuV)	Factor (dB)	Limit (dBuV)	Margin (dB)	Detector	Line	Verdict
1	0.150	53.58	9.86	66.00	12.42	Peak	N	Pass
1**	0.150	30.96	9.86	56.00	25.04	AV	N	Pass
2	0.174	51.33	9.85	64.77	13.44	Peak	N	Pass
2**	0.174	29.18	9.85	54.77	25.59	AV	N	Pass
3	0.568	41.13	10.14	56.00	14.87	Peak	N	Pass
3**	0.568	32.63	10.14	46.00	13.37	AV	N	Pass
4	1.998	37.79	10.27	56.00	18.21	Peak	N	Pass
4**	1.998	26.37	10.27	46.00	19.63	AV	N	Pass
5	3.868	38.02	10.35	56.00	17.98	Peak	N	Pass
5**	3.868	26.58	10.35	46.00	19.42	AV	N	Pass
6	13.200	38.15	10.85	60.00	21.85	Peak	N	Pass
6**	13.200	28.07	10.85	50.00	21.93	AV	N	Pass

A.8 Radiated Spurious Emission

Note¹: The symbol of "--" in the table which means not application.

Note²: For the test data above 1 GHz, according the ANSI C63.10-2020, where limits are specified for both average and peak (or quasi-peak) detector functions, if the peak (or quasi-peak) measured value complies with the average limit, it is unnecessary to perform an average measurement.

Note³: The EUT is working in the Normal link mode below 1 GHz. All modes have been tested and DH5-Hopping mode is the worst.

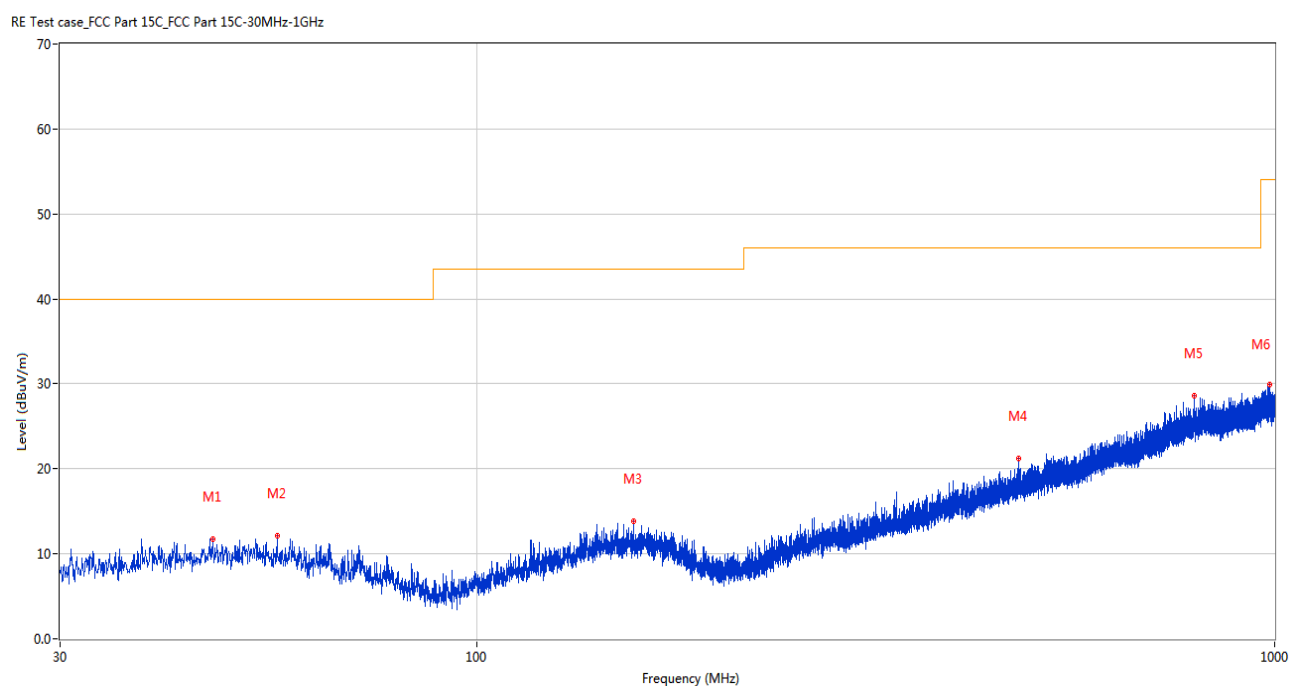
Note⁴: Results (dBuV/m) = Original reading level of Spectrum Analyzer (dBuV/m) + Factor (dB)

The low frequency, which started from 9 kHz to 30 MHz, was pre-scanned and the result which was 20 dB lower than the limit line per 15.31(o) was not reported.

Test Data and Plots

Left Ear

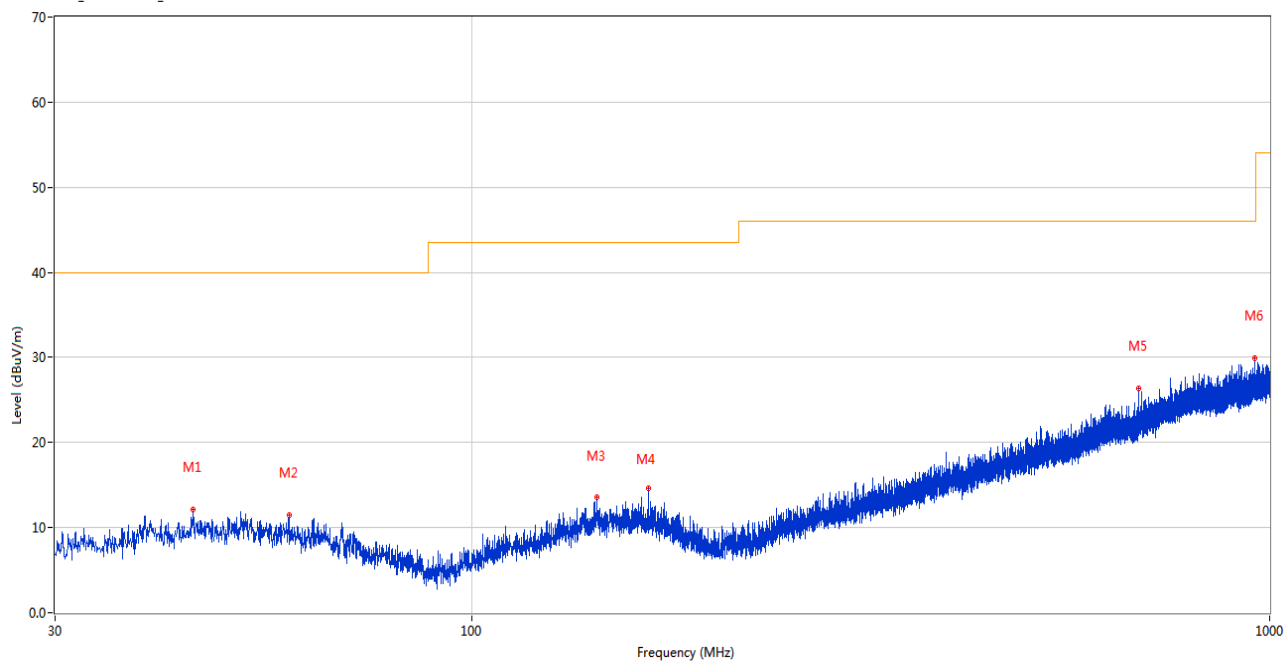
30 MHz to 1 GHz, ANT H



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	46.636	11.78	-25.61	40.0	28.22	Peak	183.00	100	Horizontal	Pass
2	56.142	12.19	-26.00	40.0	27.81	Peak	97.00	100	Horizontal	Pass
3	157.070	13.85	-24.85	43.5	29.65	Peak	349.00	100	Horizontal	Pass
4	478.091	21.28	-18.53	46.0	24.72	Peak	68.00	100	Horizontal	Pass
5	792.566	28.59	-11.76	46.0	17.41	Peak	97.00	100	Horizontal	Pass
6	985.207	29.88	-9.74	54.0	24.12	Peak	240.00	100	Horizontal	Pass

30 MHz to 1 GHz, ANT V

RE Test case_FCC Part 15C_FCC Part 15C-30MHz-1GHz

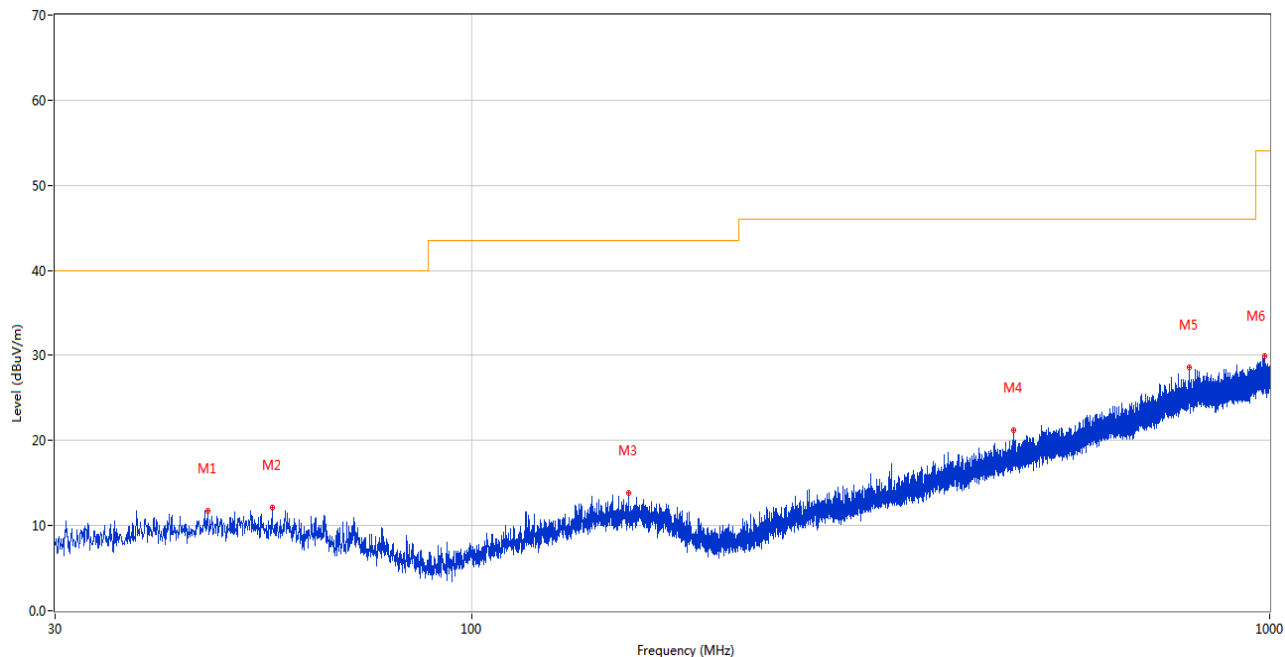


No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	44.696	12.10	-25.96	40.0	27.90	Peak	0.00	100	Vertical	Pass
2	58.906	11.50	-26.30	40.0	28.50	Peak	142.00	100	Vertical	Pass
3	143.199	13.52	-25.23	43.5	29.98	Peak	82.00	100	Vertical	Pass
4	166.430	14.69	-25.04	43.5	28.81	Peak	0.00	100	Vertical	Pass
5	684.702	26.35	-14.21	46.0	19.65	Peak	170.00	100	Vertical	Pass
6	958.096	29.90	-10.07	46.0	16.10	Peak	156.00	100	Vertical	Pass

Right Ear

30 MHz to 1 GHz, ANT H

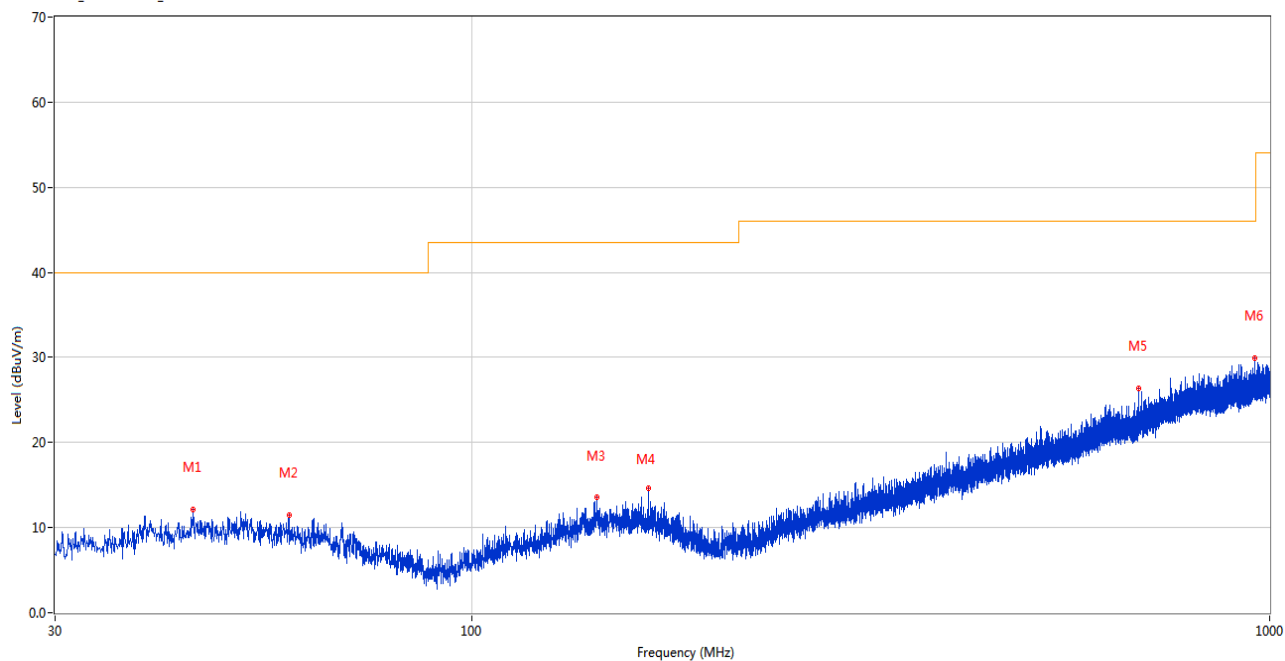
RE Test case_FCC Part 15C_FCC Part 15C-30MHz-1GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	46.636	11.78	-25.61	40.0	28.22	Peak	183.00	100	Horizontal	Pass
2	56.142	12.19	-26.00	40.0	27.81	Peak	97.00	100	Horizontal	Pass
3	157.070	13.85	-24.85	43.5	29.65	Peak	349.00	100	Horizontal	Pass
4	478.091	21.28	-18.53	46.0	24.72	Peak	68.00	100	Horizontal	Pass
5	792.566	28.59	-11.76	46.0	17.41	Peak	97.00	100	Horizontal	Pass
6	985.207	29.88	-9.74	54.0	24.12	Peak	240.00	100	Horizontal	Pass

30 MHz to 1 GHz, ANT V

RE Test case_FCC Part 15C_FCC Part 15C-30MHz-1GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	44.696	12.10	-25.96	40.0	27.90	Peak	0.00	100	Vertical	Pass
2	58.906	11.50	-26.30	40.0	28.50	Peak	142.00	100	Vertical	Pass
3	143.199	13.52	-25.23	43.5	29.98	Peak	82.00	100	Vertical	Pass
4	166.430	14.69	-25.04	43.5	28.81	Peak	0.00	100	Vertical	Pass
5	684.702	26.35	-14.21	46.0	19.65	Peak	170.00	100	Vertical	Pass
6	958.096	29.90	-10.07	46.0	16.10	Peak	156.00	100	Vertical	Pass

Note¹: The marked spikes near 2400 MHz with circle should be ignored because they are Fundamental signal.

Note²: The spurious from 18GHz-25GHz is noise only, do not show on the report.

Left Ear

GFSK LOW CHANNEL 1 GHz to 18 GHz, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1574.800	41.60	74.0	32.40	Peak	360.00	400	Horizontal	Pass
1**	1574.800	31.43	54.0	22.57	AV	360.00	400	Horizontal	Pass
2	2401.900	100.54	74.0	-26.54	Peak	211.00	200	Horizontal	N/A
2**	2401.900	100.06	54.0	-46.06	AV	211.00	200	Horizontal	N/A
3	4873.200	49.38	74.0	24.62	Peak	29.00	150	Horizontal	Pass
3**	4873.200	40.35	54.0	13.65	AV	29.00	150	Horizontal	Pass
4	6991.200	52.44	74.0	21.56	Peak	216.00	300	Horizontal	Pass
4**	6991.200	43.80	54.0	10.20	AV	216.00	300	Horizontal	Pass
5	12476.300	49.00	74.0	25.00	Peak	290.00	200	Horizontal	Pass
5**	12476.300	39.99	54.0	14.01	AV	290.00	200	Horizontal	Pass
6	17026.387	52.50	74.0	21.50	Peak	106.00	300	Horizontal	Pass
6**	17026.387	42.85	54.0	11.15	AV	106.00	300	Horizontal	Pass

GFSK LOW CHANNEL 1 GHz to 18 GHz, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1000.100	45.70	74.0	28.30	Peak	12.00	300	Vertical	Pass
1**	1000.100	35.01	54.0	18.99	AV	12.00	300	Vertical	Pass
2	2402.100	100.65	74.0	-26.65	Peak	107.00	100	Vertical	N/A
2**	2402.100	100.40	54.0	-46.40	AV	107.00	100	Vertical	N/A
3	4890.600	48.82	74.0	25.18	Peak	360.00	200	Vertical	Pass
3**	4890.600	40.27	54.0	13.73	AV	360.00	200	Vertical	Pass
4	6808.600	52.42	74.0	21.58	Peak	217.00	200	Vertical	Pass
4**	6808.600	43.28	54.0	10.72	AV	217.00	200	Vertical	Pass
5	12481.762	49.11	74.0	24.89	Peak	118.00	300	Vertical	Pass
5**	12481.762	40.31	54.0	13.69	AV	118.00	300	Vertical	Pass
6	17106.187	52.43	74.0	21.57	Peak	229.00	200	Vertical	Pass
6**	17106.187	42.84	54.0	11.16	AV	229.00	200	Vertical	Pass

GFSK MIDDLE CHANNEL 1 GHz to 18 GHz, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1444.300	41.55	74.0	32.45	Peak	172.00	300	Horizontal	Pass
1**	1444.300	31.58	54.0	22.42	AV	172.00	300	Horizontal	Pass
2	2440.700	99.93	74.0	-25.93	Peak	215.00	150	Horizontal	N/A
2**	2440.700	97.01	54.0	-43.01	AV	215.00	150	Horizontal	N/A
3	4698.800	48.67	74.0	25.33	Peak	29.00	200	Horizontal	Pass
3**	4698.800	38.77	54.0	15.23	AV	29.00	200	Horizontal	Pass
4	6991.400	52.16	74.0	21.84	Peak	90.00	300	Horizontal	Pass
4**	6991.400	43.11	54.0	10.89	AV	90.00	300	Horizontal	Pass
5	12784.125	48.90	74.0	25.10	Peak	233.00	100	Horizontal	Pass
5**	12784.125	39.65	54.0	14.35	AV	233.00	100	Horizontal	Pass
6	16983.338	51.97	74.0	22.03	Peak	316.00	200	Horizontal	Pass
6**	16983.338	43.07	54.0	10.93	AV	316.00	200	Horizontal	Pass

GFSK MIDDLE CHANNEL 1 GHz to 18 GHz, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1000.100	47.10	74.0	26.90	Peak	163.00	300	Vertical	Pass
1**	1000.100	33.93	54.0	20.07	AV	163.00	300	Vertical	Pass
2	2441.100	99.42	74.0	-25.42	Peak	181.00	100	Vertical	N/A
2**	2441.100	99.08	54.0	-45.08	AV	181.00	100	Vertical	N/A
3	4810.600	48.59	74.0	25.41	Peak	277.00	150	Vertical	Pass
3**	4810.600	39.83	54.0	14.17	AV	277.00	150	Vertical	Pass
4	6989.200	51.91	74.0	22.09	Peak	183.00	400	Vertical	Pass
4**	6989.200	43.42	54.0	10.58	AV	183.00	400	Vertical	Pass
5	12556.225	49.74	74.0	24.26	Peak	20.00	400	Vertical	Pass
5**	12556.225	39.39	54.0	14.61	AV	20.00	400	Vertical	Pass
6	14442.075	52.80	74.0	21.20	Peak	185.00	100	Vertical	Pass
6**	14442.075	42.02	54.0	11.98	AV	185.00	100	Vertical	Pass

GFSK HIGH CHANNEL 1 GHz to 18 GHz, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1517.900	40.95	74.0	33.05	Peak	96.00	200	Horizontal	Pass
1**	1517.900	31.29	54.0	22.71	AV	96.00	200	Horizontal	Pass
2	2480.100	99.79	74.0	-25.79	Peak	354.00	200	Horizontal	N/A
2**	2480.100	99.46	54.0	-45.46	AV	354.00	200	Horizontal	N/A
3	4917.800	48.98	74.0	25.02	Peak	317.00	100	Horizontal	Pass
3**	4917.800	38.98	54.0	15.02	AV	317.00	100	Horizontal	Pass
4	6986.600	51.96	74.0	22.04	Peak	44.00	300	Horizontal	Pass
4**	6986.600	43.17	54.0	10.83	AV	44.00	300	Horizontal	Pass
5	12949.763	49.10	74.0	24.90	Peak	242.00	300	Horizontal	Pass
5**	12949.763	39.78	54.0	14.22	AV	242.00	300	Horizontal	Pass
6	16976.512	52.93	74.0	21.07	Peak	53.00	100	Horizontal	Pass
6**	16976.512	43.29	54.0	10.71	AV	53.00	100	Horizontal	Pass

GFSK HIGH CHANNEL 1 GHz to 18 GHz, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1331.900	45.12	74.0	28.88	Peak	81.00	100	Vertical	Pass
1**	1331.900	38.06	54.0	15.94	AV	81.00	100	Vertical	Pass
2	2480.100	100.47	74.0	-26.47	Peak	56.00	200	Vertical	N/A
2**	2480.100	100.15	54.0	-46.15	AV	56.00	200	Vertical	N/A
3	4837.400	48.35	74.0	25.65	Peak	265.00	100	Vertical	Pass
3**	4837.400	39.94	54.0	14.06	AV	265.00	100	Vertical	Pass
4	6987.000	52.48	74.0	21.52	Peak	168.00	200	Vertical	Pass
4**	6987.000	43.34	54.0	10.66	AV	168.00	200	Vertical	Pass
5	12563.125	48.94	74.0	25.06	Peak	279.00	100	Vertical	Pass
5**	12563.125	39.86	54.0	14.14	AV	279.00	100	Vertical	Pass
6	17374.200	52.21	74.0	21.79	Peak	360.00	400	Vertical	Pass
6**	17374.200	41.45	54.0	12.55	AV	360.00	400	Vertical	Pass

8-DPSK LOW CHANNEL 1 GHz to 18 GHz, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1328.900	41.98	74.0	32.02	Peak	0.00	200	Horizontal	Pass
1**	1328.900	31.45	54.0	22.55	AV	0.00	200	Horizontal	Pass
2	2401.900	101.22	74.0	-27.22	Peak	216.00	150	Horizontal	N/A
2**	2401.900	99.35	54.0	-45.35	AV	216.00	150	Horizontal	N/A
3	4911.800	48.62	74.0	25.38	Peak	360.00	200	Horizontal	Pass
3**	4911.800	39.94	54.0	14.06	AV	360.00	200	Horizontal	Pass
4	6979.600	51.97	74.0	22.03	Peak	228.00	100	Horizontal	Pass
4**	6979.600	44.20	54.0	9.80	AV	228.00	100	Horizontal	Pass
5	12595.900	49.17	74.0	24.83	Peak	82.00	100	Horizontal	Pass
5**	12595.900	40.41	54.0	13.59	AV	82.00	100	Horizontal	Pass
6	14432.362	52.30	74.0	21.70	Peak	360.00	200	Horizontal	Pass
6**	14432.362	42.10	54.0	11.90	AV	360.00	200	Horizontal	Pass

8-DPSK LOW CHANNEL 1 GHz to 18 GHz, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1330.200	44.58	74.0	29.42	Peak	206.00	400	Vertical	Pass
1**	1330.200	35.63	54.0	18.37	AV	206.00	400	Vertical	Pass
2	2402.000	102.11	74.0	-28.11	Peak	112.00	200	Vertical	N/A
2**	2402.000	99.20	54.0	-45.20	AV	112.00	200	Vertical	N/A
3	4824.000	49.28	74.0	24.72	Peak	12.00	200	Vertical	Pass
3**	4824.000	39.75	54.0	14.25	AV	12.00	200	Vertical	Pass
4	6988.000	53.61	74.0	20.39	Peak	117.00	300	Vertical	Pass
4**	6988.000	43.93	54.0	10.07	AV	117.00	300	Vertical	Pass
5	12469.687	50.38	74.0	23.62	Peak	75.00	200	Vertical	Pass
5**	12469.687	40.01	54.0	13.99	AV	75.00	200	Vertical	Pass
6	17010.637	52.27	74.0	21.73	Peak	52.00	200	Vertical	Pass
6**	17010.637	43.19	54.0	10.81	AV	52.00	200	Vertical	Pass

8-DPSK MIDDLE CHANNEL 1 GHz to 18 GHz, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1347.600	40.99	74.0	33.01	Peak	95.00	100	Horizontal	Pass
1**	1347.600	31.37	54.0	22.63	AV	95.00	100	Horizontal	Pass
2	2440.800	100.33	74.0	-26.33	Peak	218.00	150	Horizontal	N/A
2**	2440.800	97.23	54.0	-43.23	AV	218.00	150	Horizontal	N/A
3	4887.000	49.43	74.0	24.57	Peak	0.00	100	Horizontal	Pass
3**	4887.000	39.11	54.0	14.89	AV	0.00	100	Horizontal	Pass
4	6987.400	52.64	74.0	21.36	Peak	148.00	100	Horizontal	Pass
4**	6987.400	42.73	54.0	11.27	AV	148.00	100	Horizontal	Pass
5	11927.175	48.88	74.0	25.12	Peak	283.00	300	Horizontal	Pass
5**	11927.175	38.95	54.0	15.05	AV	283.00	300	Horizontal	Pass
6	16978.350	52.34	74.0	21.66	Peak	0.00	400	Horizontal	Pass
6**	16978.350	43.88	54.0	10.12	AV	0.00	400	Horizontal	Pass

8-DPSK MIDDLE CHANNEL 1 GHz to 18 GHz, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1000.400	46.24	74.0	27.76	Peak	58.00	100	Vertical	Pass
1**	1000.400	40.09	54.0	13.91	AV	58.00	100	Vertical	Pass
2	2441.000	100.25	74.0	-26.25	Peak	35.00	200	Vertical	N/A
2**	2441.000	98.97	54.0	-44.97	AV	35.00	200	Vertical	N/A
3	4853.800	48.97	74.0	25.03	Peak	14.00	150	Vertical	Pass
3**	4853.800	39.71	54.0	14.29	AV	14.00	150	Vertical	Pass
4	6985.800	52.38	74.0	21.62	Peak	29.00	100	Vertical	Pass
4**	6985.800	43.88	54.0	10.12	AV	29.00	100	Vertical	Pass
5	12566.000	49.58	74.0	24.42	Peak	360.00	200	Vertical	Pass
5**	12566.000	39.98	54.0	14.02	AV	360.00	200	Vertical	Pass
6	17100.151	52.47	74.0	21.53	Peak	272.00	200	Vertical	Pass
6**	17100.151	44.39	54.0	9.61	AV	272.00	200	Vertical	Pass

8-DPSK HIGH CHANNEL 1 GHz to 18 GHz, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1327.700	42.02	74.0	31.98	Peak	162.00	200	Horizontal	Pass
1**	1327.700	31.80	54.0	22.20	AV	162.00	200	Horizontal	Pass
2	2480.000	101.40	74.0	-27.40	Peak	226.00	200	Horizontal	N/A
2**	2480.000	98.62	54.0	-44.62	AV	226.00	200	Horizontal	N/A
3	4871.200	49.06	74.0	24.94	Peak	347.00	200	Horizontal	Pass
3**	4871.200	39.76	54.0	14.24	AV	347.00	200	Horizontal	Pass
4	5326.600	51.75	74.0	22.25	Peak	146.00	100	Horizontal	Pass
4**	5326.600	42.40	54.0	11.60	AV	146.00	100	Horizontal	Pass
5	12575.776	48.36	74.0	25.64	Peak	219.00	100	Horizontal	Pass
5**	12575.776	38.98	54.0	15.02	AV	219.00	100	Horizontal	Pass
6	17092.275	51.88	74.0	22.12	Peak	211.00	300	Horizontal	Pass
6**	17092.275	43.64	54.0	10.36	AV	211.00	300	Horizontal	Pass

8-DPSK HIGH CHANNEL 1 GHz to 18 GHz, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1328.300	43.53	74.0	30.47	Peak	154.00	100	Vertical	Pass
1**	1328.300	35.28	54.0	18.72	AV	154.00	100	Vertical	Pass
2	2479.900	102.13	74.0	-28.13	Peak	250.00	200	Vertical	N/A
2**	2479.900	98.85	54.0	-44.85	AV	250.00	200	Vertical	N/A
3	4872.000	49.24	74.0	24.76	Peak	51.00	150	Vertical	Pass
3**	4872.000	39.39	54.0	14.61	AV	51.00	150	Vertical	Pass
4	5326.200	55.17	74.0	18.83	Peak	88.00	200	Vertical	Pass
4**	5326.200	41.96	54.0	12.04	AV	88.00	200	Vertical	Pass
5	12487.513	48.75	74.0	25.25	Peak	265.00	100	Vertical	Pass
5**	12487.513	40.18	54.0	13.82	AV	265.00	100	Vertical	Pass
6	17061.037	52.56	74.0	21.44	Peak	96.00	100	Vertical	Pass
6**	17061.037	43.89	54.0	10.11	AV	96.00	100	Vertical	Pass

Right Ear**GFSK LOW CHANNEL 1 GHz to 18 GHz, ANT H**

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1162.500	41.20	74.0	32.80	Peak	85.00	200	Horizontal	Pass
1**	1162.500	29.87	54.0	24.13	AV	85.00	200	Horizontal	Pass
2	2402.200	99.47	74.0	-25.47	Peak	22.00	100	Horizontal	N/A
2**	2402.200	99.26	54.0	-45.26	AV	22.00	100	Horizontal	N/A
3	4864.200	48.68	74.0	25.32	Peak	33.00	150	Horizontal	Pass
3**	4864.200	40.92	54.0	13.08	AV	33.00	150	Horizontal	Pass
4	6990.200	51.78	74.0	22.22	Peak	99.00	400	Horizontal	Pass
4**	6990.200	43.61	54.0	10.39	AV	99.00	400	Horizontal	Pass
5	12486.651	48.89	74.0	25.11	Peak	93.00	300	Horizontal	Pass
5**	12486.651	39.80	54.0	14.20	AV	93.00	300	Horizontal	Pass
6	16990.687	52.12	74.0	21.88	Peak	360.00	400	Horizontal	Pass
6**	16990.687	43.44	54.0	10.56	AV	360.00	400	Horizontal	Pass

GFSK LOW CHANNEL 1 GHz to 18 GHz, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1491.600	40.65	74.0	33.35	Peak	91.00	150	Vertical	Pass
1**	1491.600	31.88	54.0	22.12	AV	91.00	150	Vertical	Pass
2	2402.200	101.07	74.0	-27.07	Peak	26.00	150	Vertical	N/A
2**	2402.200	90.77	54.0	-36.77	AV	26.00	150	Vertical	N/A
3	4870.400	48.98	74.0	25.02	Peak	175.00	200	Vertical	Pass
3**	4870.400	40.71	54.0	13.29	AV	175.00	200	Vertical	Pass
4	6806.800	52.27	74.0	21.73	Peak	145.00	200	Vertical	Pass
4**	6806.800	43.93	54.0	10.07	AV	145.00	200	Vertical	Pass
5	12476.875	48.48	74.0	25.52	Peak	21.00	300	Vertical	Pass
5**	12476.875	40.77	54.0	13.23	AV	21.00	300	Vertical	Pass
6	16975.199	51.89	74.0	22.11	Peak	67.00	300	Vertical	Pass
6**	16975.199	43.88	54.0	10.12	AV	67.00	300	Vertical	Pass

GFSK MIDDLE CHANNEL 1 GHz to 18 GHz, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1427.300	41.39	74.0	32.61	Peak	20.00	100	Horizontal	Pass
1**	1427.300	31.60	54.0	22.40	AV	20.00	100	Horizontal	Pass
2	2440.900	101.64	74.0	-27.64	Peak	36.00	150	Horizontal	N/A
2**	2440.900	99.13	54.0	-45.13	AV	36.00	150	Horizontal	N/A
3	4883.200	48.36	74.0	25.64	Peak	216.00	100	Horizontal	Pass
3**	4883.200	39.36	54.0	14.64	AV	216.00	100	Horizontal	Pass
4	6983.400	52.51	74.0	21.49	Peak	200.00	200	Horizontal	Pass
4**	6983.400	44.13	54.0	9.87	AV	200.00	200	Horizontal	Pass
5	12486.075	48.89	74.0	25.11	Peak	334.00	100	Horizontal	Pass
5**	12486.075	40.51	54.0	13.49	AV	334.00	100	Horizontal	Pass
6	17001.975	52.69	74.0	21.31	Peak	147.00	200	Horizontal	Pass
6**	17001.975	42.44	54.0	11.56	AV	147.00	200	Horizontal	Pass

GFSK MIDDLE CHANNEL 1 GHz to 18 GHz, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1041.300	41.55	74.0	32.45	Peak	251.00	400	Vertical	Pass
1**	1041.300	34.25	54.0	19.75	AV	251.00	400	Vertical	Pass
2	2441.500	101.26	74.0	-27.26	Peak	20.00	150	Vertical	N/A
2**	2441.500	99.74	54.0	-45.74	AV	20.00	150	Vertical	N/A
3	4893.200	48.64	74.0	25.36	Peak	331.00	100	Vertical	Pass
3**	4893.200	39.28	54.0	14.72	AV	331.00	100	Vertical	Pass
4	6805.800	52.61	74.0	21.39	Peak	331.00	400	Vertical	Pass
4**	6805.800	43.13	54.0	10.87	AV	331.00	400	Vertical	Pass
5	12486.651	48.40	74.0	25.60	Peak	334.00	100	Vertical	Pass
5**	12486.651	40.16	54.0	13.84	AV	334.00	100	Vertical	Pass
6	16974.676	52.64	74.0	21.36	Peak	166.00	300	Vertical	Pass
6**	16974.676	43.66	54.0	10.34	AV	166.00	300	Vertical	Pass

GFSK HIGH CHANNEL 1 GHz to 18 GHz, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1359.600	42.84	74.0	31.16	Peak	153.00	400	Horizontal	Pass
1**	1359.600	31.27	54.0	22.73	AV	153.00	400	Horizontal	Pass
2	2480.200	99.24	74.0	-25.24	Peak	99.00	100	Horizontal	N/A
2**	2480.200	95.86	54.0	-41.86	AV	99.00	100	Horizontal	N/A
3	4880.200	48.71	74.0	25.29	Peak	286.00	150	Horizontal	Pass
3**	4880.200	39.59	54.0	14.41	AV	286.00	150	Horizontal	Pass
4	6984.600	51.84	74.0	22.16	Peak	89.00	400	Horizontal	Pass
4**	6984.600	42.93	54.0	11.07	AV	89.00	400	Horizontal	Pass
5	12007.099	48.83	74.0	25.17	Peak	240.00	200	Horizontal	Pass
5**	12007.099	38.30	54.0	15.70	AV	240.00	200	Horizontal	Pass
6	17015.099	52.61	74.0	21.39	Peak	167.00	400	Horizontal	Pass
6**	17015.099	43.20	54.0	10.80	AV	167.00	400	Horizontal	Pass

GFSK HIGH CHANNEL 1 GHz to 18 GHz, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1434.400	41.15	74.0	32.85	Peak	207.00	400	Vertical	Pass
1**	1434.400	31.42	54.0	22.58	AV	207.00	400	Vertical	Pass
2	2480.100	101.60	74.0	-27.60	Peak	136.00	100	Vertical	N/A
2**	2480.100	101.40	54.0	-46.40	AV	136.00	100	Vertical	N/A
3	4813.800	48.52	74.0	25.48	Peak	3.00	100	Vertical	Pass
3**	4813.800	39.13	54.0	14.87	AV	3.00	100	Vertical	Pass
4	5399.400	54.71	74.0	19.29	Peak	184.00	300	Vertical	Pass
4**	5399.400	44.98	54.0	9.02	AV	184.00	300	Vertical	Pass
5	12967.088	48.39	74.0	25.61	Peak	219.00	200	Vertical	Pass
5**	12967.088	38.67	54.0	15.33	AV	219.00	200	Vertical	Pass
6	17047.387	52.94	74.0	21.06	Peak	279.00	100	Vertical	Pass
6**	17047.387	42.73	54.0	11.27	AV	279.00	100	Vertical	Pass

8-DPSK LOW CHANNEL 1 GHz to 18 GHz, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1297.900	40.83	74.0	33.17	Peak	279.00	400	Horizontal	Pass
1**	1297.900	31.62	54.0	22.38	AV	279.00	400	Horizontal	Pass
2	2402.400	100.09	74.0	-26.09	Peak	230.00	150	Horizontal	N/A
2**	2402.400	89.39	54.0	-35.39	AV	230.00	150	Horizontal	N/A
3	4901.800	49.34	74.0	24.66	Peak	0.00	100	Horizontal	Pass
3**	4901.800	39.13	54.0	14.87	AV	0.00	100	Horizontal	Pass
4	6807.800	51.40	74.0	22.60	Peak	202.00	150	Horizontal	Pass
4**	6807.800	43.41	54.0	10.59	AV	202.00	150	Horizontal	Pass
5	11894.400	48.69	74.0	25.31	Peak	49.00	100	Horizontal	Pass
5**	11894.400	39.16	54.0	14.84	AV	49.00	100	Horizontal	Pass
6	17043.713	52.63	74.0	21.37	Peak	336.00	100	Horizontal	Pass
6**	17043.713	43.38	54.0	10.62	AV	336.00	100	Horizontal	Pass

8-DPSK LOW CHANNEL 1 GHz to 18 GHz, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1576.200	41.24	74.0	32.76	Peak	119.00	100	Vertical	Pass
1**	1576.200	31.70	54.0	22.30	AV	119.00	100	Vertical	Pass
2	2402.300	102.85	74.0	-28.85	Peak	144.00	150	Vertical	N/A
2**	2402.300	93.08	54.0	-39.08	AV	144.00	150	Vertical	N/A
3	4868.600	48.53	74.0	25.47	Peak	121.00	100	Vertical	Pass
3**	4868.600	39.94	54.0	14.06	AV	121.00	100	Vertical	Pass
4	6807.800	52.11	74.0	21.89	Peak	287.00	150	Vertical	Pass
4**	6807.800	43.11	54.0	10.89	AV	287.00	150	Vertical	Pass
5	12003.363	48.63	74.0	25.37	Peak	69.00	200	Vertical	Pass
5**	12003.363	38.96	54.0	15.04	AV	69.00	200	Vertical	Pass
6	17023.761	52.12	74.0	21.88	Peak	360.00	200	Vertical	Pass
6**	17023.761	43.55	54.0	10.45	AV	360.00	200	Vertical	Pass

8-DPSK MIDDLE CHANNEL 1 GHz to 18 GHz, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1288.100	41.33	74.0	32.67	Peak	220.00	400	Horizontal	Pass
1**	1288.100	30.96	54.0	23.04	AV	220.00	400	Horizontal	Pass
2	2441.500	98.44	74.0	-24.44	Peak	126.00	150	Horizontal	N/A
2**	2441.500	89.70	54.0	-35.70	AV	126.00	150	Horizontal	N/A
3	4387.400	46.86	74.0	27.14	Peak	40.00	150	Horizontal	Pass
3**	4387.400	37.80	54.0	16.20	AV	40.00	150	Horizontal	Pass
4	6153.000	50.88	74.0	23.12	Peak	146.00	150	Horizontal	Pass
4**	6153.000	42.15	54.0	11.85	AV	146.00	150	Horizontal	Pass
5	12465.662	48.50	74.0	25.50	Peak	138.00	400	Horizontal	Pass
5**	12465.662	39.11	54.0	14.89	AV	138.00	400	Horizontal	Pass
6	17026.912	52.44	74.0	21.56	Peak	44.00	400	Horizontal	Pass
6**	17026.912	43.49	54.0	10.51	AV	44.00	400	Horizontal	Pass

8-DPSK MIDDLE CHANNEL 1 GHz to 18 GHz, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1505.400	41.02	74.0	32.98	Peak	176.00	400	Vertical	Pass
1**	1505.400	31.99	54.0	22.01	AV	176.00	400	Vertical	Pass
2	2440.800	101.71	74.0	-27.71	Peak	191.00	100	Vertical	N/A
2**	2440.800	93.16	54.0	-39.16	AV	191.00	100	Vertical	N/A
3	4930.600	48.81	74.0	25.19	Peak	55.00	150	Vertical	Pass
3**	4930.600	39.23	54.0	14.77	AV	55.00	150	Vertical	Pass
4	6806.000	51.72	74.0	22.28	Peak	55.00	150	Vertical	Pass
4**	6806.000	43.17	54.0	10.83	AV	55.00	150	Vertical	Pass
5	11890.088	47.98	74.0	26.02	Peak	360.00	300	Vertical	Pass
5**	11890.088	39.04	54.0	14.96	AV	360.00	300	Vertical	Pass
6	16990.426	51.87	74.0	22.13	Peak	304.00	400	Vertical	Pass
6**	16990.426	43.02	54.0	10.98	AV	304.00	400	Vertical	Pass

8-DPSK HIGH CHANNEL 1 GHz to 18 GHz, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1374.700	41.43	74.0	32.57	Peak	310.00	100	Horizontal	Pass
1**	1374.700	30.56	54.0	23.44	AV	310.00	100	Horizontal	Pass
2	2479.800	99.98	74.0	-25.98	Peak	113.00	150	Horizontal	N/A
2**	2479.800	97.18	54.0	-43.18	AV	113.00	150	Horizontal	N/A
3	4972.000	48.37	74.0	25.63	Peak	1.00	100	Horizontal	Pass
3**	4972.000	39.19	54.0	14.81	AV	1.00	100	Horizontal	Pass
4	6993.800	52.11	74.0	21.89	Peak	287.00	200	Horizontal	Pass
4**	6993.800	42.73	54.0	11.27	AV	287.00	200	Horizontal	Pass
5	12435.188	48.71	74.0	25.29	Peak	359.00	300	Horizontal	Pass
5**	12435.188	38.73	54.0	15.27	AV	359.00	300	Horizontal	Pass
6	17061.825	52.23	74.0	21.77	Peak	201.00	150	Horizontal	Pass
6**	17061.825	42.37	54.0	11.63	AV	201.00	150	Horizontal	Pass

8-DPSK HIGH CHANNEL 1 GHz to 18 GHz, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1408.300	41.73	74.0	32.27	Peak	235.00	100	Vertical	Pass
1**	1408.300	31.51	54.0	22.49	AV	235.00	100	Vertical	Pass
2	2480.100	102.46	74.0	-28.46	Peak	193.00	200	Vertical	N/A
2**	2480.100	100.69	54.0	-46.69	AV	193.00	200	Vertical	N/A
3	4892.000	48.58	74.0	25.42	Peak	0.00	100	Vertical	Pass
3**	4892.000	38.89	54.0	15.11	AV	0.00	100	Vertical	Pass
4	6151.200	50.77	74.0	23.23	Peak	74.00	150	Vertical	Pass
4**	6151.200	42.35	54.0	11.65	AV	74.00	150	Vertical	Pass
5	12515.687	48.70	74.0	25.30	Peak	165.00	200	Vertical	Pass
5**	12515.687	39.16	54.0	14.84	AV	165.00	200	Vertical	Pass
6	16974.676	51.79	74.0	22.21	Peak	337.00	400	Vertical	Pass
6**	16974.676	43.96	54.0	10.04	AV	337.00	400	Vertical	Pass

A.9 Band Edge (Restricted-band band-edge)

Note ¹: The lowest and highest channels are tested to verify the band edge emissions. Please refer to the following the plots for emissions values.

Note ²: The test data all are tested in the vertical and horizontal antenna which the trace is max hold. So these plots have shown the worst case.

Note ³: According the ANSI C63.10-2020, where limits are specified for both average and peak (or quasi-peak) detector functions, if the peak (or quasi-peak) measured value complies with the average limit, it is unnecessary to perform an average measurement.

Note ⁴: The Level (dBuV/m) has been corrected by factor.

Note ⁵: Both horizontal and vertical directions were pre tested, only the worst configuration has been reported in this report.

Test DataLeft Ear

GFSK LOW CHANNEL

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2389.500	59.80	74.0	14.20	Peak	244.00	200	Vertical	Pass
1**	2389.500	45.30	54.0	8.70	AV	244.00	200	Vertical	Pass
2	2389.833	58.71	74.0	15.29	Peak	237.00	200	Vertical	Pass
2**	2389.833	45.30	54.0	8.70	AV	237.00	200	Vertical	Pass

GFSK HIGH CHANNEL

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.500	67.74	74.0	6.26	Peak	244.00	100	Vertical	Pass
1**	2483.500	46.42	54.0	7.58	AV	244.00	100	Vertical	Pass
2	2483.800	68.43	74.0	5.57	Peak	234.00	150	Vertical	Pass
2**	2483.800	46.34	54.0	7.66	AV	234.00	150	Vertical	Pass

8-DPSK LOW CHANNEL

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2387.833	58.98	74.0	15.02	Peak	235.00	150	Vertical	Pass
1**	2387.833	45.48	54.0	8.52	AV	235.00	150	Vertical	Pass
2	2389.833	60.08	74.0	13.92	Peak	238.00	150	Vertical	Pass
2**	2389.833	45.32	54.0	8.68	AV	238.00	150	Vertical	Pass

8-DPSK HIGH CHANNEL

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.500	67.22	74.0	6.78	Peak	248.00	200	Vertical	Pass
1**	2483.500	46.53	54.0	7.47	AV	248.00	200	Vertical	Pass
2	2483.750	68.61	74.0	5.39	Peak	246.00	150	Vertical	Pass
2**	2483.750	46.68	54.0	7.32	AV	246.00	150	Vertical	Pass

Right Ear**GFSK LOW CHANNEL**

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2352.500	57.47	74.0	16.53	Peak	277.00	150	Vertical	Pass
1**	2352.500	45.05	54.0	8.95	AV	277.00	150	Vertical	Pass
2	2389.833	55.72	74.0	18.28	Peak	360.00	200	Vertical	Pass
2**	2389.833	45.18	54.0	8.82	AV	360.00	200	Vertical	Pass

GFSK HIGH CHANNEL

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.500	65.42	74.0	8.58	Peak	129.00	200	Vertical	Pass
1**	2483.500	45.52	54.0	8.48	AV	129.00	200	Vertical	Pass
2	2483.900	66.48	74.0	7.52	Peak	113.00	200	Vertical	Pass
2**	2483.900	46.09	54.0	7.91	AV	113.00	200	Vertical	Pass

8-DPSK LOW CHANNEL

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2389.667	69.44	74.0	4.56	Peak	124.00	100	Vertical	Pass
1**	2389.667	46.38	54.0	7.62	AV	124.00	100	Vertical	Pass
2	2389.833	69.34	74.0	4.66	Peak	122.00	100	Vertical	Pass
2**	2389.833	46.46	54.0	7.54	AV	122.00	100	Vertical	Pass

8-DPSK HIGH CHANNEL

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.550	65.02	74.0	8.98	Peak	109.00	100	Vertical	Pass
1**	2483.550	45.75	54.0	8.25	AV	109.00	100	Vertical	Pass
2	2483.750	66.52	74.0	7.48	Peak	118.00	100	Vertical	Pass
2**	2483.750	45.58	54.0	8.42	AV	118.00	100	Vertical	Pass

ANNEX B TEST SETUP PHOTOS

Please refer the document “BL-SZ25B0574-AR.PDF”.

ANNEX C EUT EXTERNAL PHOTOS

Please refer the document “BL-SZ25B0574-AW.PDF”.

ANNEX D EUT INTERNAL PHOTOS

Please refer the document “BL-SZ25B0574-AI.PDF”.

Statement

1. The laboratory guarantees the scientificity, accuracy and impartiality of the test, and is responsible for all the information in the report, except the information provided by the customer. The customer is responsible for the impact of the information provided on the validity of the results.
2. The report without China inspection body and laboratory Mandatory Approval (CMA) mark has no effect of proving to the society.
3. For the report with CNAS mark or A2LA mark, the items marked with "☆" are not within the accredited scope.
4. This report is invalid if it is altered, without the signature of the testing and approval personnel, or without the "inspection and testing dedicated stamp" or test report stamp.
5. The test data and results are only valid for the tested samples provided by the customer.
6. This report shall not be partially reproduced without the written permission of the laboratory.
7. Any objection shall be raised to the laboratory within 30 days after receiving the report.

--END OF REPORT--