

# ANNEX TEST DATA EDR

## FCC ID: 2BDM8-H19

Applicant: Shenzhen KY Intelligent Digital Co.,Ltd

Address: B1 Building 5th floor XuJingChang Industry zoom, Fuhai road, Baoan, SZ. 518126

Manufacturer: Shenzhen KY Intelligent Digital Co.,Ltd

Address: B1 Building 5th floor XuJingChang Industry zoom, Fuhai road, Baoan, SZ. 518126

Product Name: SMART WATCH

Trade Mark: N/A

Model Number: H19, H15, H13, H12 Pro, GT12, L28, L20, Y13 Pro Max, Q11, H9, H8 Pro Max, H6, H17, H17 Pro, H14, S9Pro

Date of Receipt: Jul. 23, 2026

Test Date: Jul. 23, 2026 – Jul. 31, 2026

Date of Report: Jul. 31, 2026

Prepared By: Shenzhen DL Testing Technology Co., Ltd.

Address: 101-201, Comprehensive Building, Tongzhou Electronics Longgang Factory Area, No.1 Baolong Fifth Road, Baolong Community, Baolong Street, Longgang District, Shenzhen, China

Applicable Standards: FCC PART 15 C 15.247  
ANSI C63.10-2020 + Cor. 1-2023+C63.10a-2024 + Errata to C63.10a-2024

Test Result: Pass

Report Number: DLE-260724029R

## 1. Bandwidth

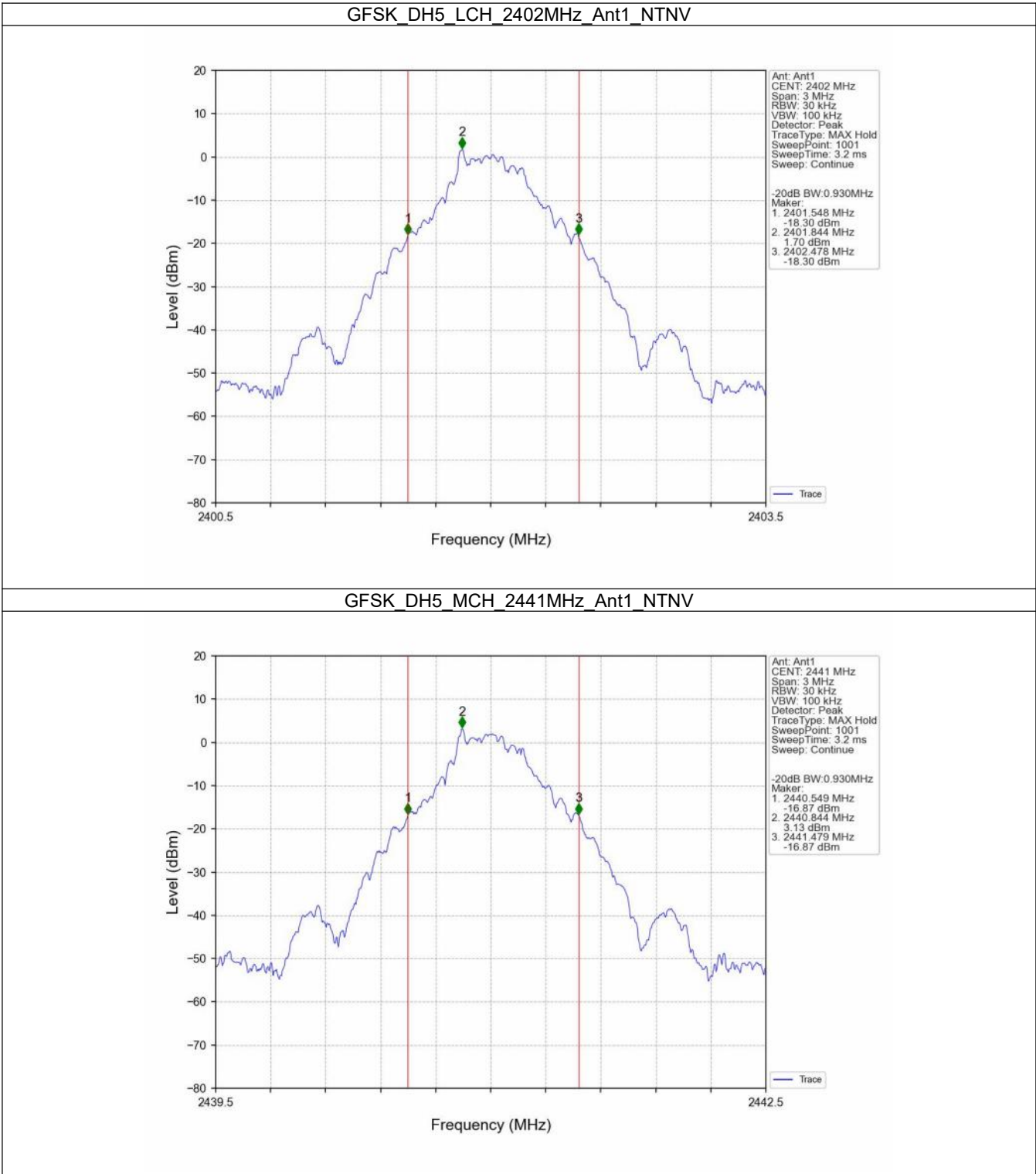
### 1.1 Test Result

#### 1.1.1 20dB BW

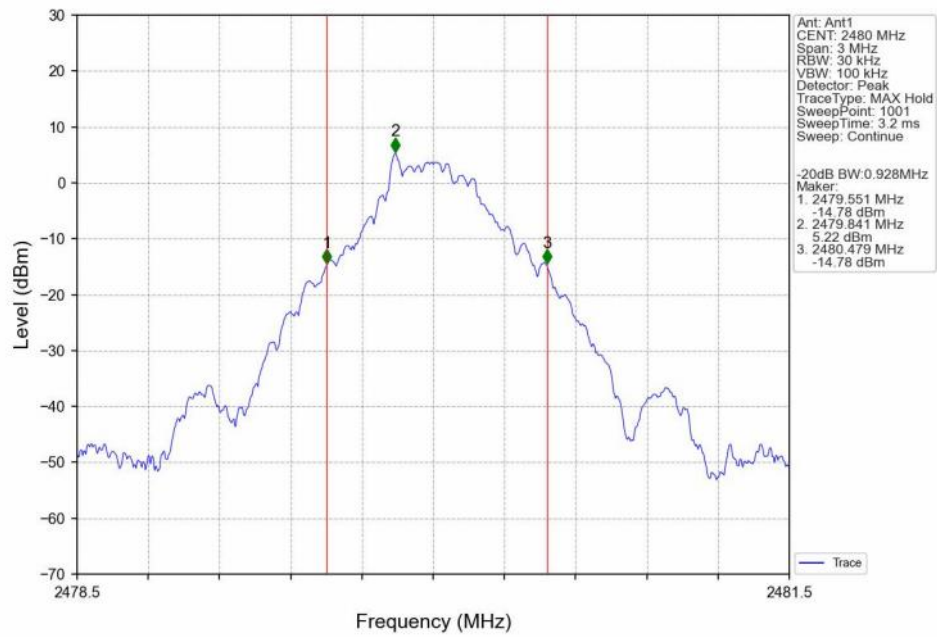
| Mode      | TX Type | Frequency (MHz) | Packet Type | ANT | 20dB Bandwidth (MHz) |       | Verdict |
|-----------|---------|-----------------|-------------|-----|----------------------|-------|---------|
|           |         |                 |             |     | Result               | Limit |         |
| GFSK      | SISO    | 2402            | DH5         | 1   | 0.930                | /     | Pass    |
|           |         | 2441            | DH5         | 1   | 0.930                | /     | Pass    |
|           |         | 2480            | DH5         | 1   | 0.928                | /     | Pass    |
| Pi/4DQPSK | SISO    | 2402            | 2DH5        | 1   | 1.284                | /     | Pass    |
|           |         | 2441            | 2DH5        | 1   | 1.285                | /     | Pass    |
|           |         | 2480            | 2DH5        | 1   | 1.282                | /     | Pass    |
| 8DPSK     | SISO    | 2402            | 3DH5        | 1   | 1.250                | /     | Pass    |
|           |         | 2441            | 3DH5        | 1   | 1.247                | /     | Pass    |
|           |         | 2480            | 3DH5        | 1   | 1.262                | /     | Pass    |

# 1.2 Test Graph

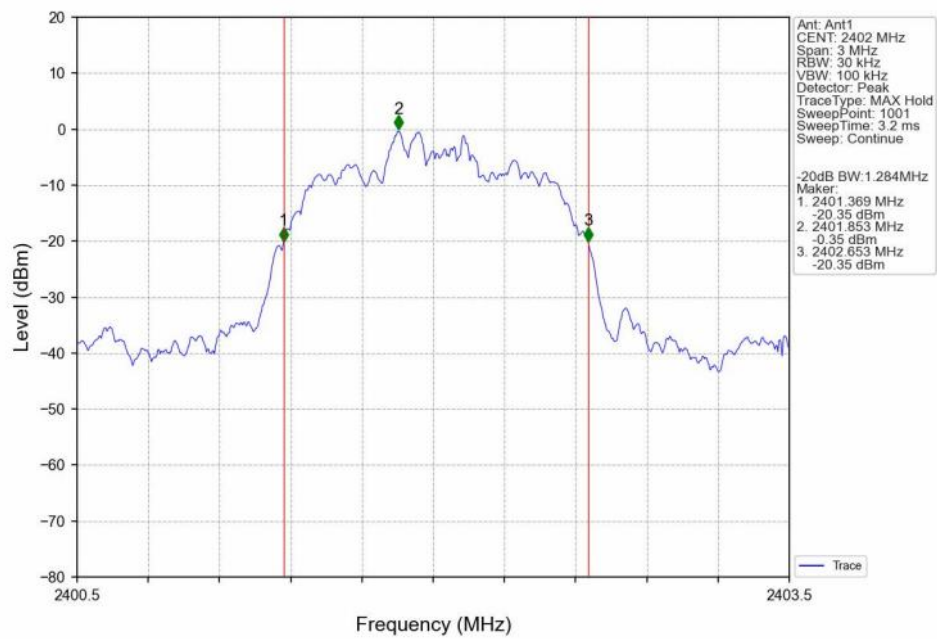
## 1.2.1 20dB BW



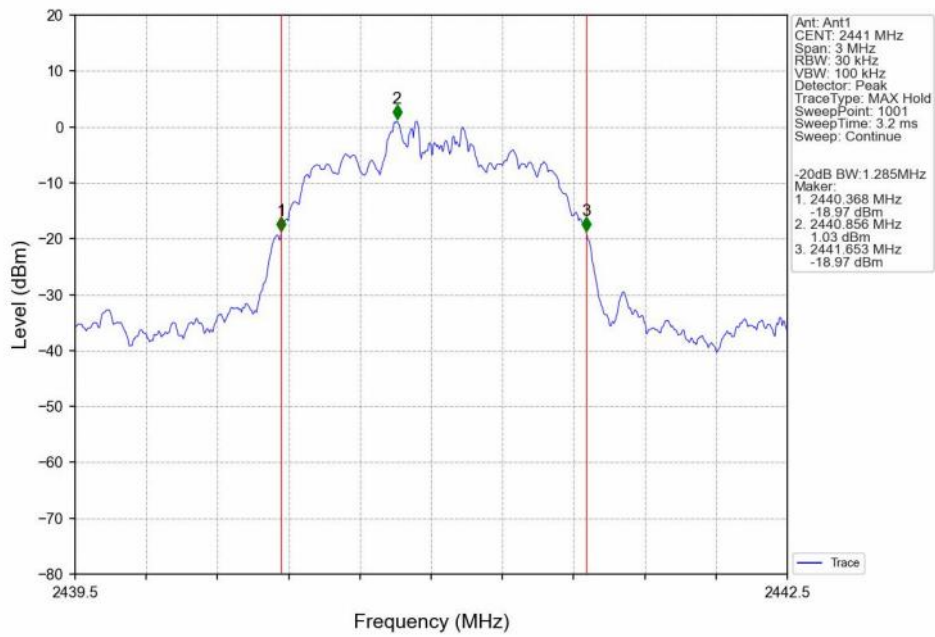
# GFSK DH5\_HCH\_2480MHz\_Ant1\_NTNV



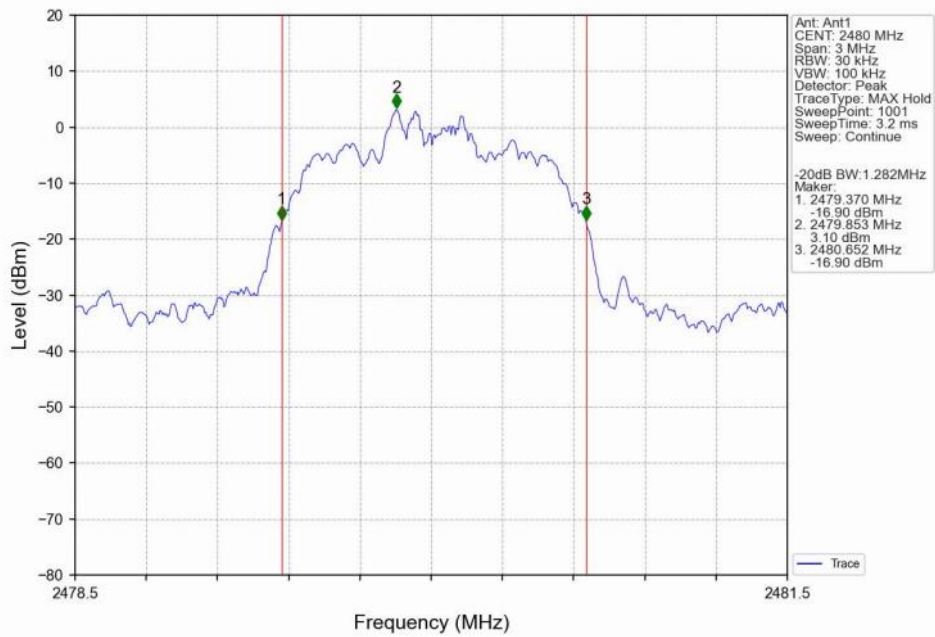
# PI/4DQPSK\_2DH5\_LCH\_2402MHz\_Ant1\_NTNV



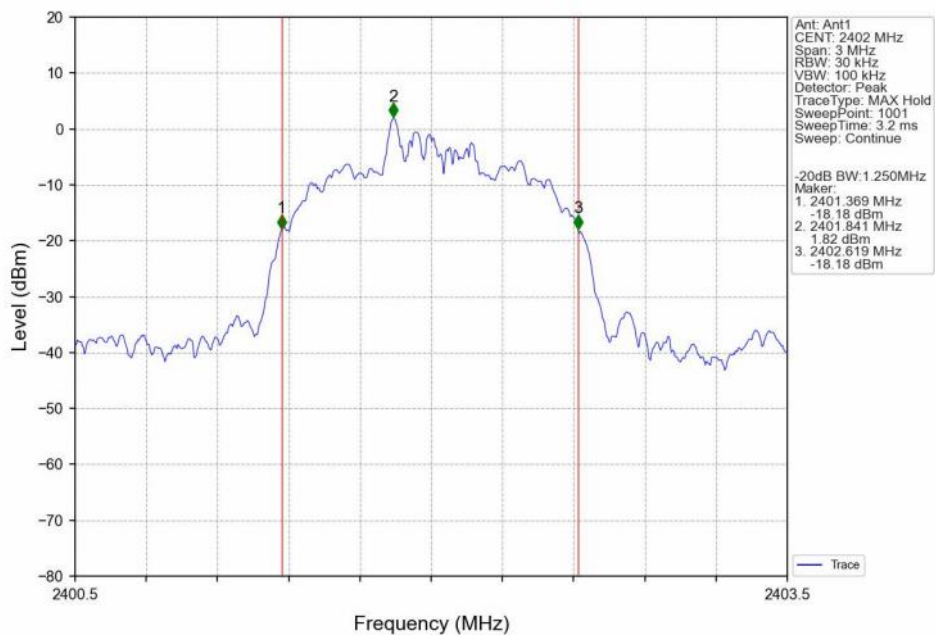
Pi/4DQPSK\_2DH5\_MCH\_2441MHz\_Ant1\_NTNV



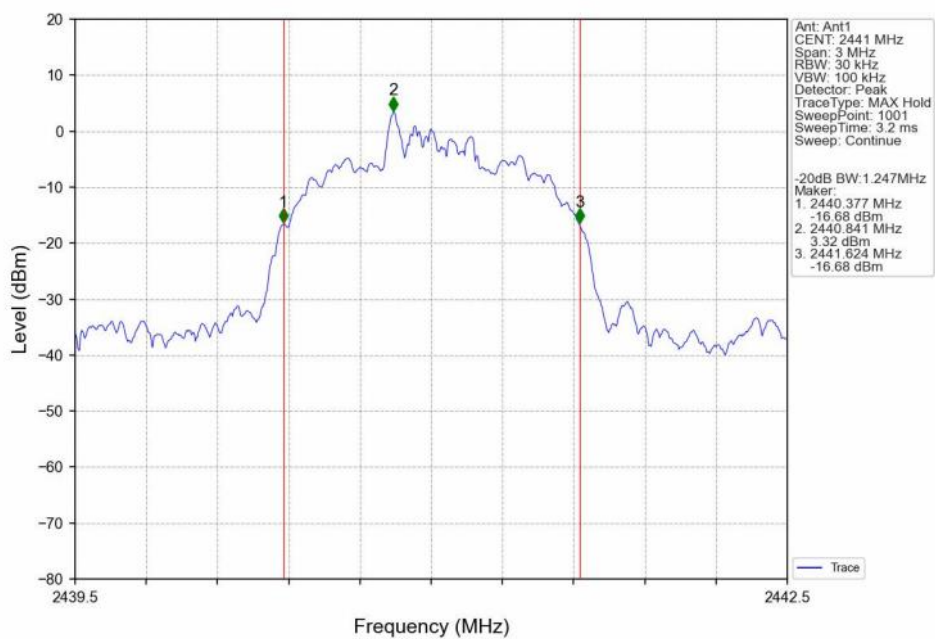
Pi/4DQPSK\_2DH5\_HCH\_2480MHz\_Ant1\_NTNV



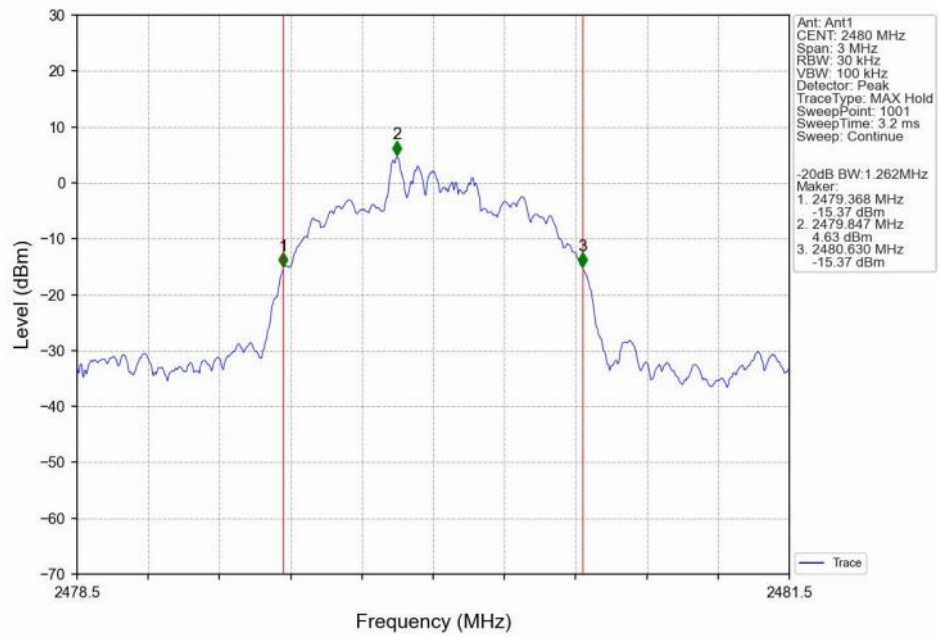
# 8DPSK\_3DH5\_LCH\_2402MHz\_Ant1\_NTNV



# 8DPSK\_3DH5\_MCH\_2441MHz\_Ant1\_NTNV



# 8DPSK\_3DH5\_HCH\_2480MHz\_Ant1\_NTNV



## 2. Maximum Conducted Output Power

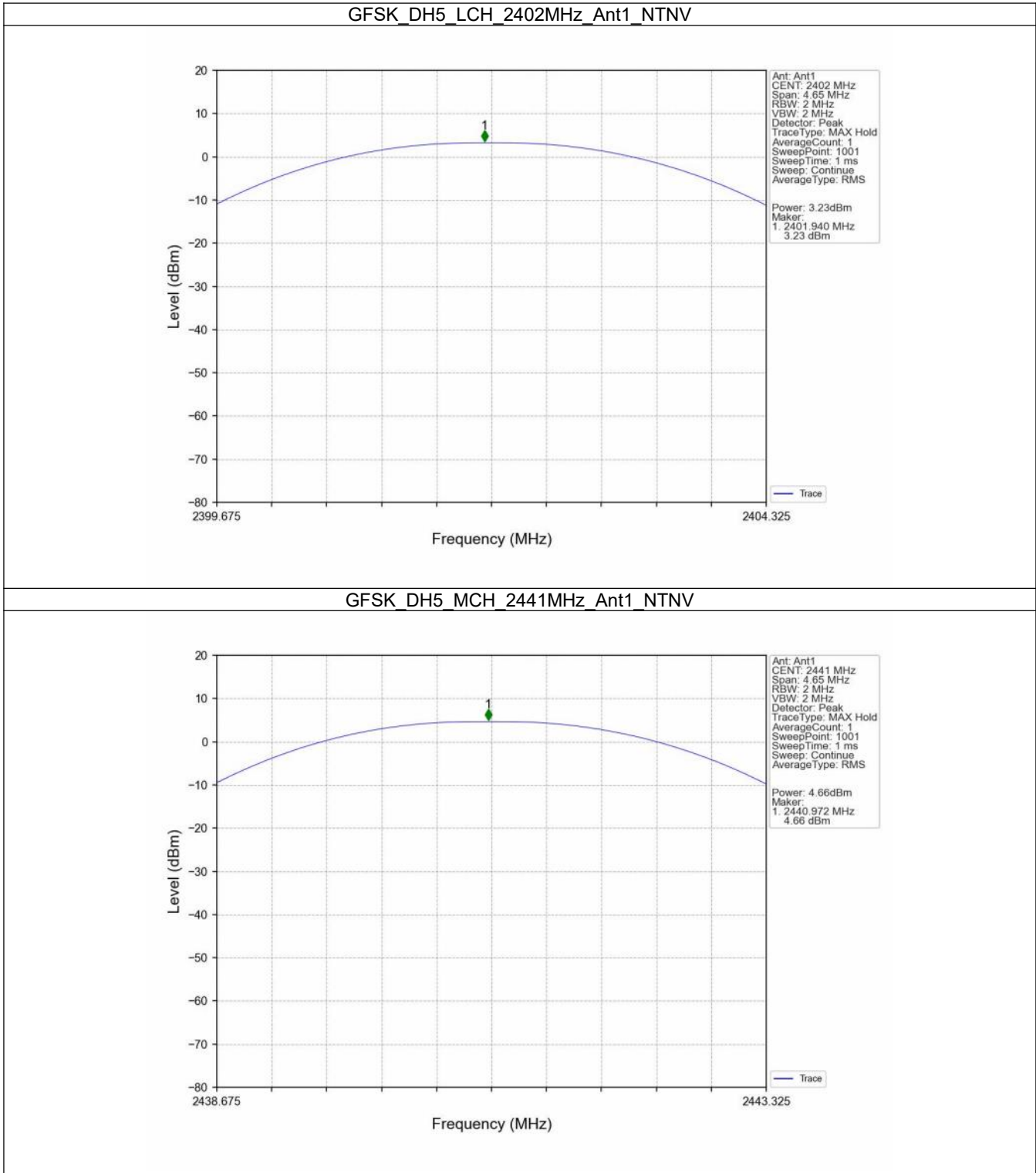
### 2.1 Test Result

#### 2.1.1 Power

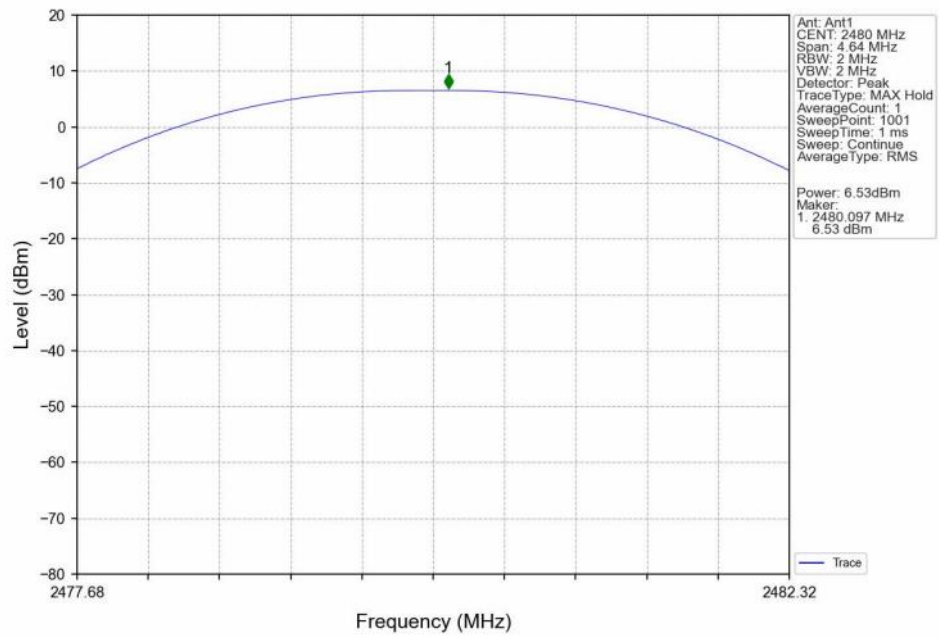
| Mode      | TX Type | Frequency (MHz) | Packet Type | Maximum Peak Conducted Output Power (dBm) |              | Verdict |
|-----------|---------|-----------------|-------------|-------------------------------------------|--------------|---------|
|           |         |                 |             | ANT1                                      | Limit        |         |
| GFSK      | SISO    | 2402            | DH5         | 3.23                                      | $\leq 30$    | Pass    |
|           |         | 2441            | DH5         | 4.66                                      | $\leq 30$    | Pass    |
|           |         | 2480            | DH5         | 6.53                                      | $\leq 30$    | Pass    |
| Pi/4DQPSK | SISO    | 2402            | 2DH5        | 4.20                                      | $\leq 20.97$ | Pass    |
|           |         | 2441            | 2DH5        | 5.70                                      | $\leq 20.97$ | Pass    |
|           |         | 2480            | 2DH5        | 7.55                                      | $\leq 20.97$ | Pass    |
| 8DPSK     | SISO    | 2402            | 3DH5        | 5.03                                      | $\leq 20.97$ | Pass    |
|           |         | 2441            | 3DH5        | 6.52                                      | $\leq 20.97$ | Pass    |
|           |         | 2480            | 3DH5        | 8.38                                      | $\leq 20.97$ | Pass    |

2.2 Test Graph

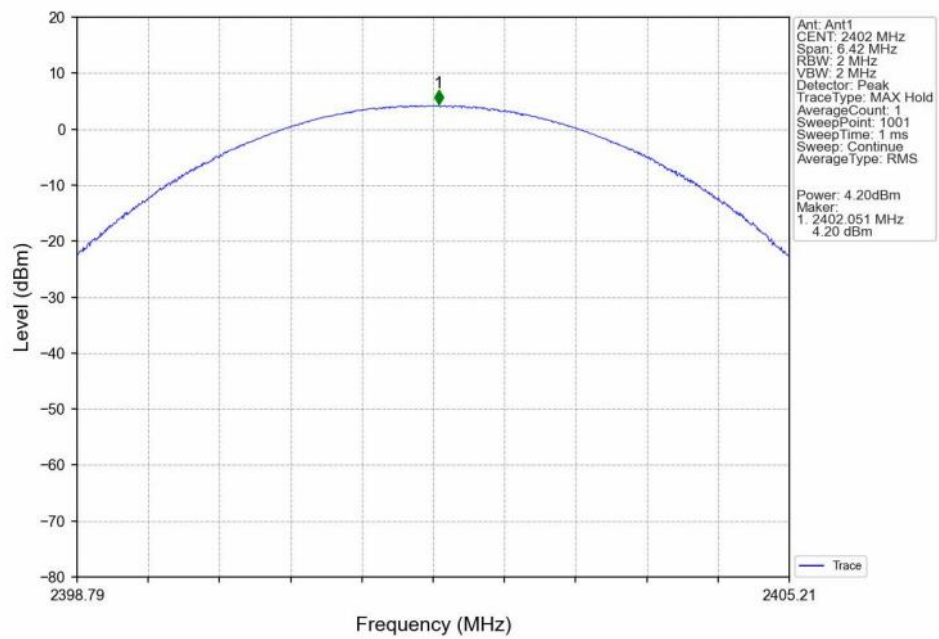
2.2.1 Power



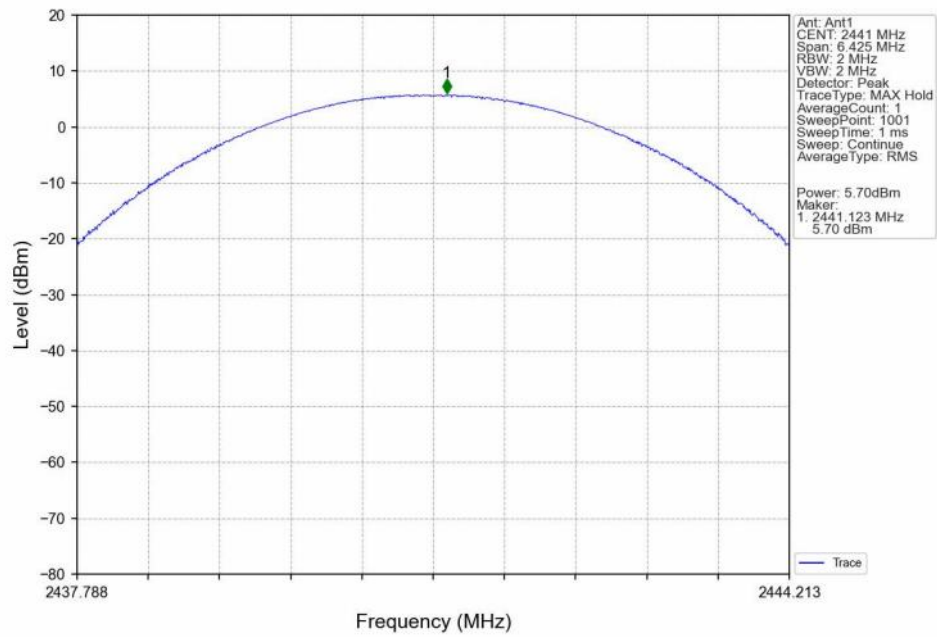
# GFSK DH5 HCH 2480MHz Ant1 NTN



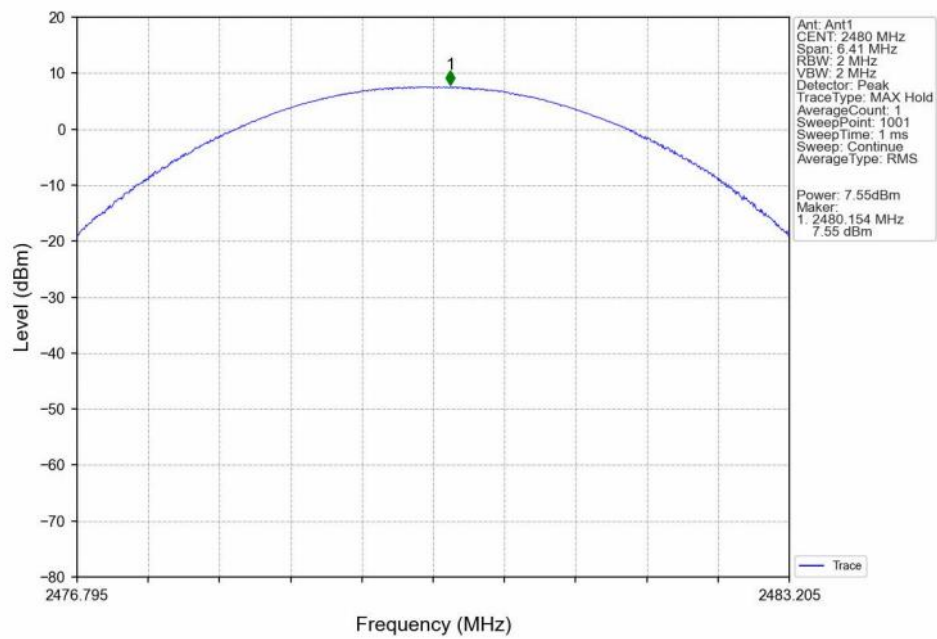
# PI/4DQPSK 2DH5 LCH 2402MHz Ant1 NTN



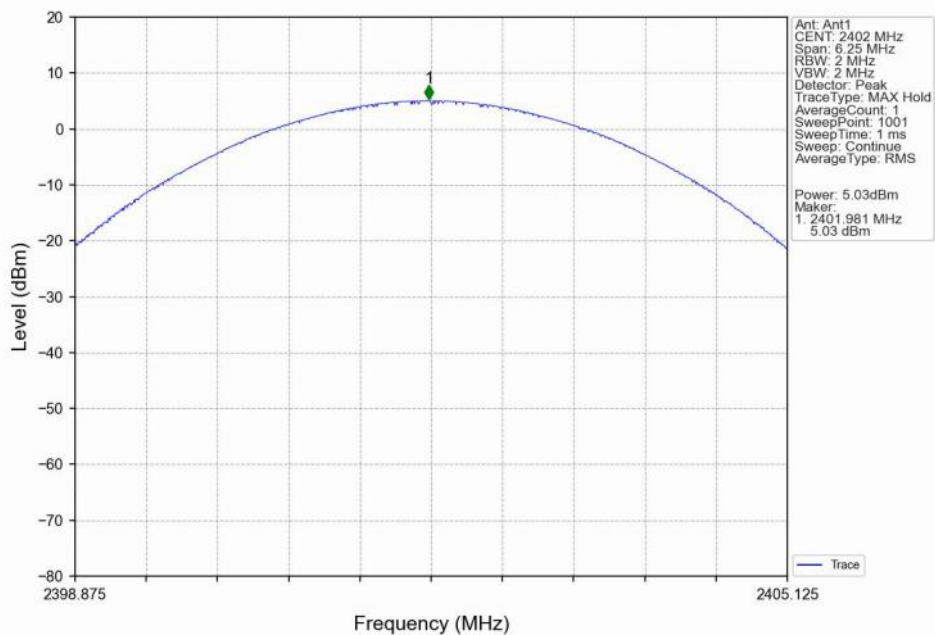
Pi/4DQPSK\_2DH5\_MCH\_2441MHz\_Ant1\_NTNV



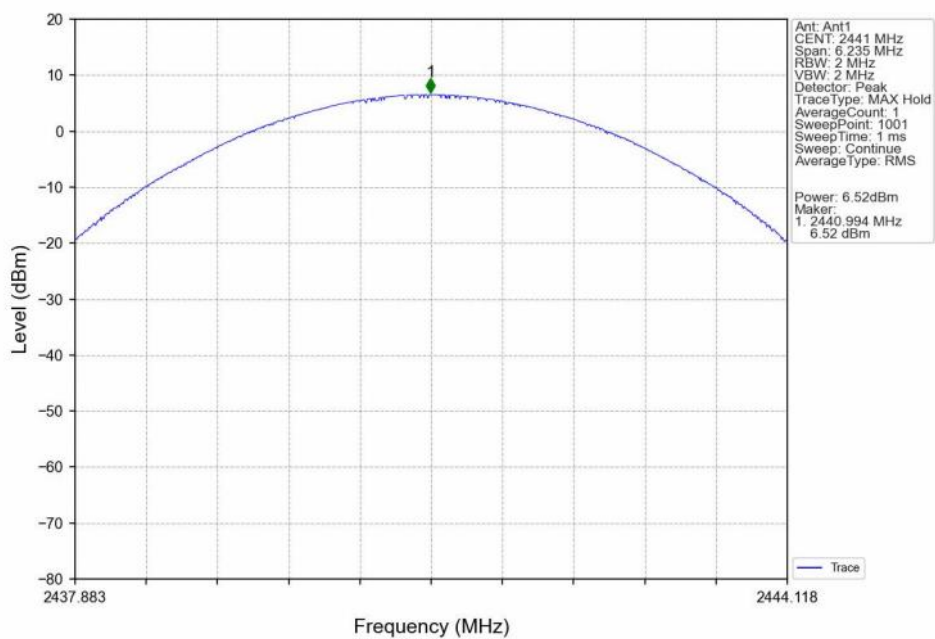
Pi/4DQPSK\_2DH5\_HCH\_2480MHz\_Ant1\_NTNV



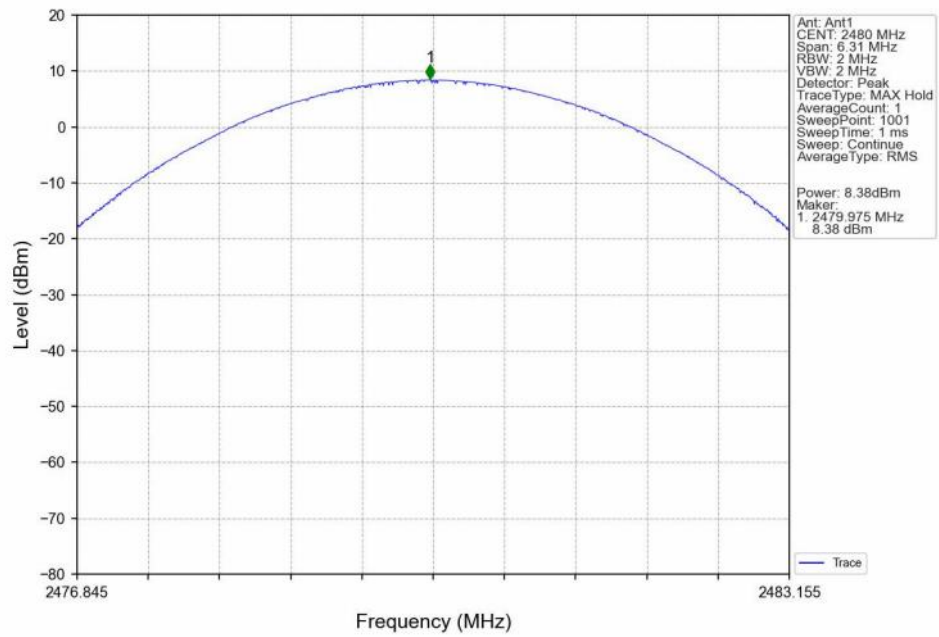
# 8DPSK\_3DH5\_LCH\_2402MHz\_Ant1\_NTNV



# 8DPSK\_3DH5\_MCH\_2441MHz\_Ant1\_NTNV



# 8DPSK\_3DH5\_HCH\_2480MHz\_Ant1\_NTNV



### 3. Carrier Frequency Separation

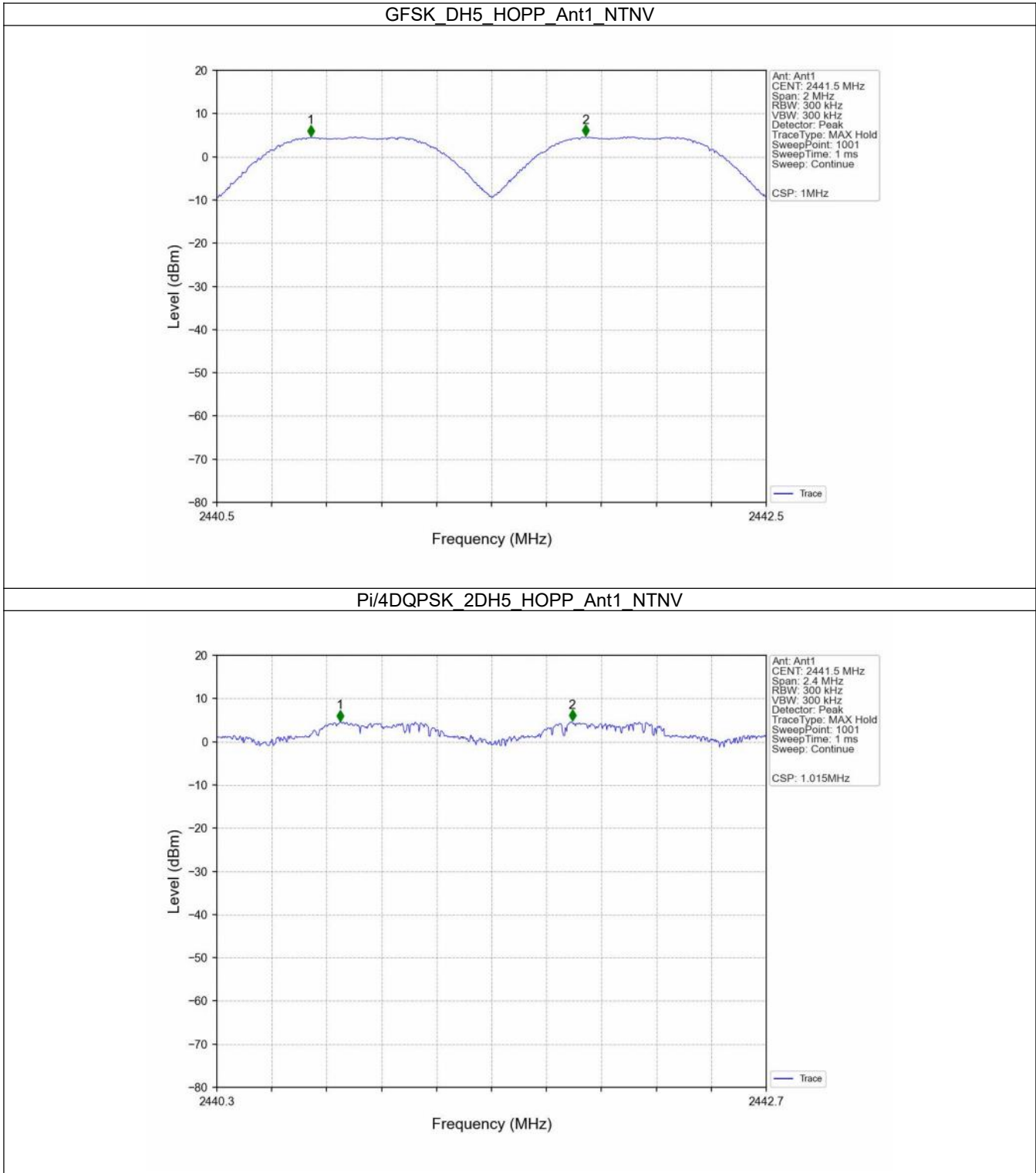
#### 3.1 Test Result

##### 3.1.1 Ant1

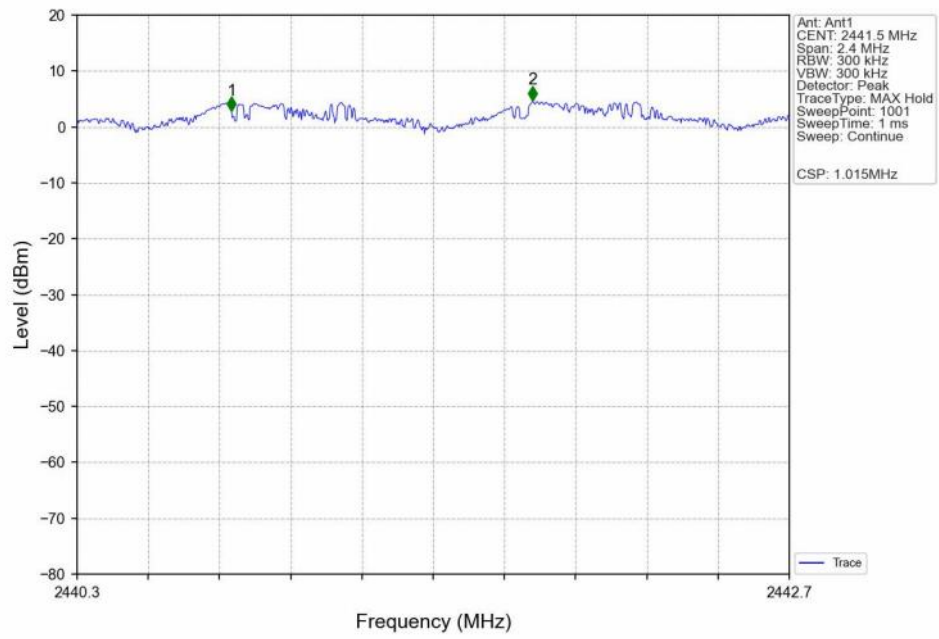
| Ant1      |         |                 |             |                          |                      |              |         |
|-----------|---------|-----------------|-------------|--------------------------|----------------------|--------------|---------|
| Mode      | TX Type | Frequency (MHz) | Packet Type | Channel Separation (MHz) | 20dB Bandwidth (MHz) | Limit (MHz)  | Verdict |
| GFSK      | SISO    | HOPP            | DH5         | 1.000                    | 0.930                | $\geq 0.93$  | Pass    |
| Pi/4DQPSK | SISO    | HOPP            | 2DH5        | 1.015                    | 1.285                | $\geq 0.857$ | Pass    |
| 8DPSK     | SISO    | HOPP            | 3DH5        | 1.015                    | 1.262                | $\geq 0.841$ | Pass    |

3.2 Test Graph

3.2.1 Ant1



# 8DPSK\_3DH5\_HOPP\_Ant1\_NTNV



## 4. Number of Hopping Frequencies

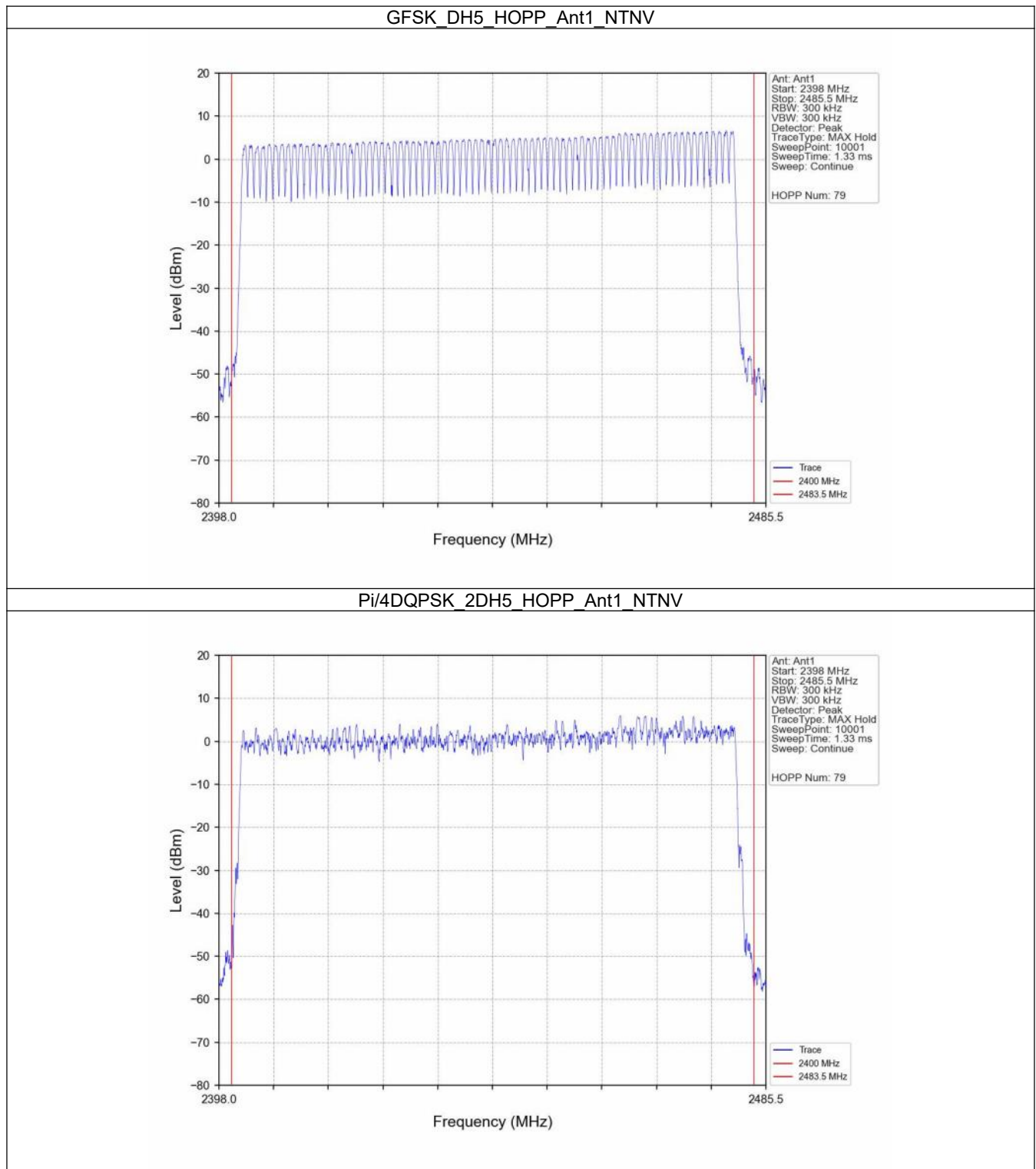
### 4.1 Test Result

#### 4.1.1 HoppNum

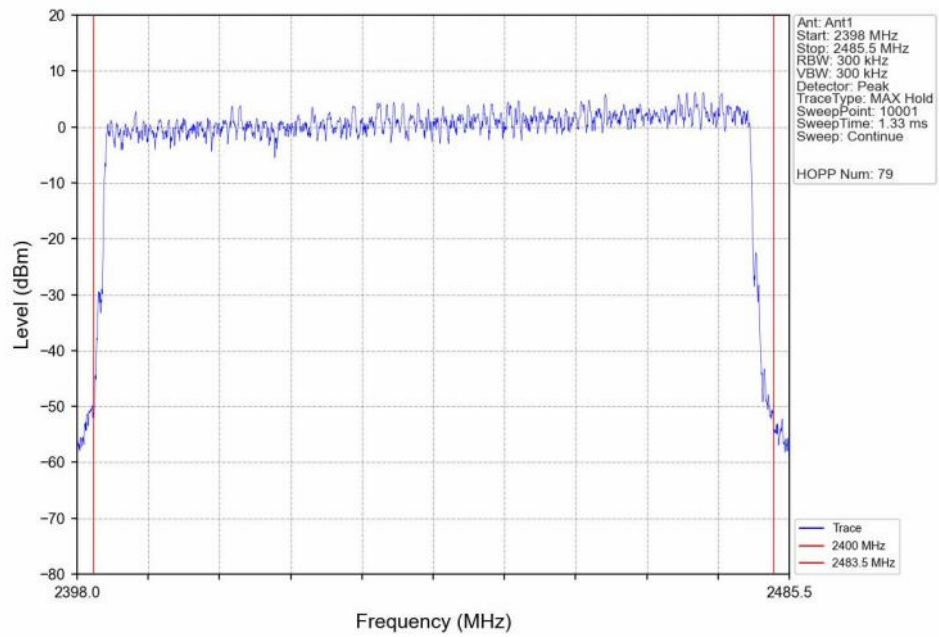
| Mode      | TX Type | Frequency (MHz) | Packet Type | Num of Hopping Frequencies |       | Verdict |
|-----------|---------|-----------------|-------------|----------------------------|-------|---------|
|           |         |                 |             | ANT1                       | Limit |         |
| GFSK      | SISO    | HOPP            | DH5         | 79                         | >=15  | Pass    |
| Pi/4DQPSK | SISO    | HOPP            | 2DH5        | 79                         | >=15  | Pass    |
| 8DPSK     | SISO    | HOPP            | 3DH5        | 79                         | >=15  | Pass    |

## 4.2 Test Graph

### 4.2.1 HoppNum



# 8DPSK\_3DH5\_HOPP\_Ant1\_NTNV



## 5. Time of Occupancy (Dwell Time)

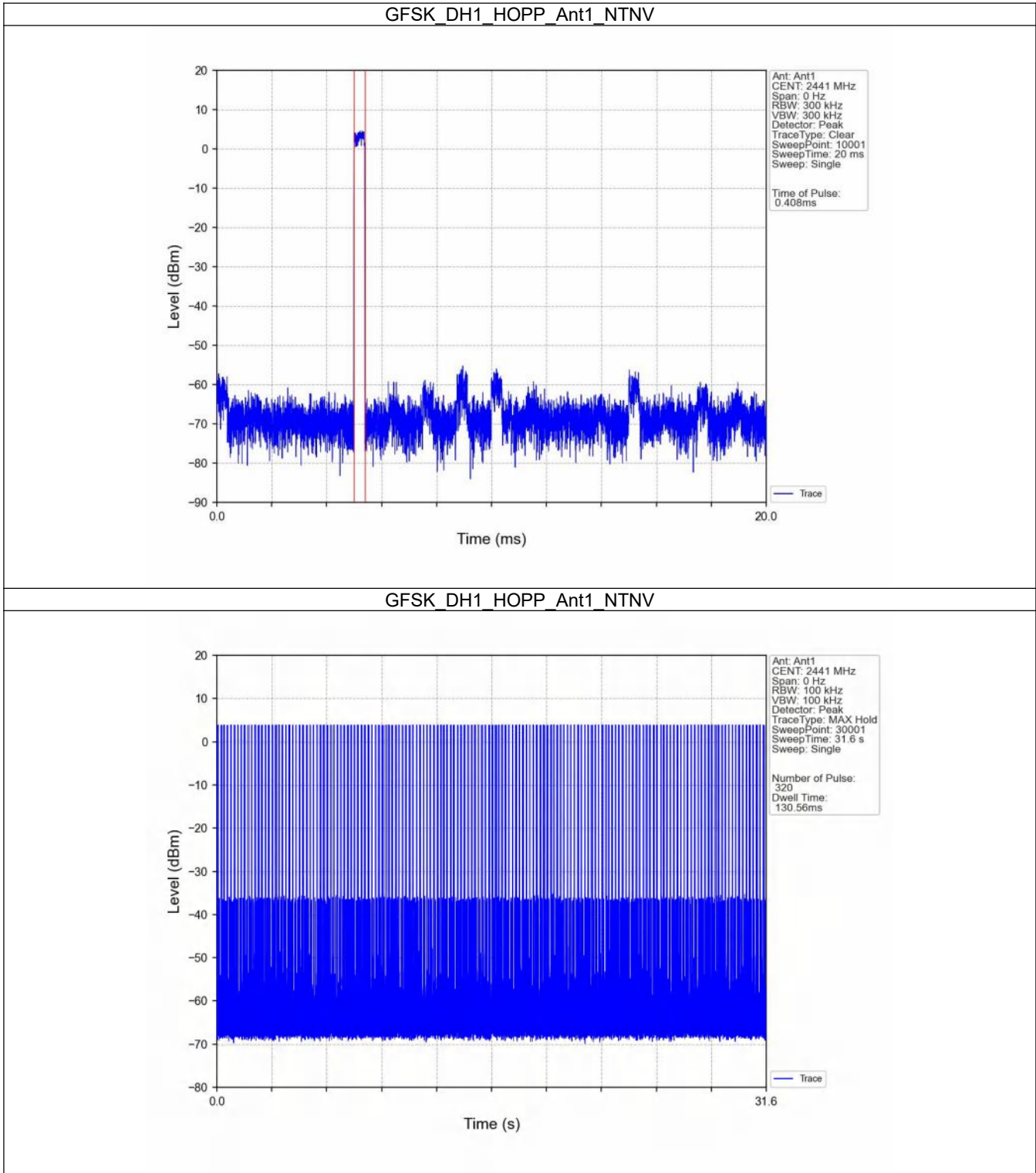
### 5.1 Test Result

#### 5.1.1 Ant1

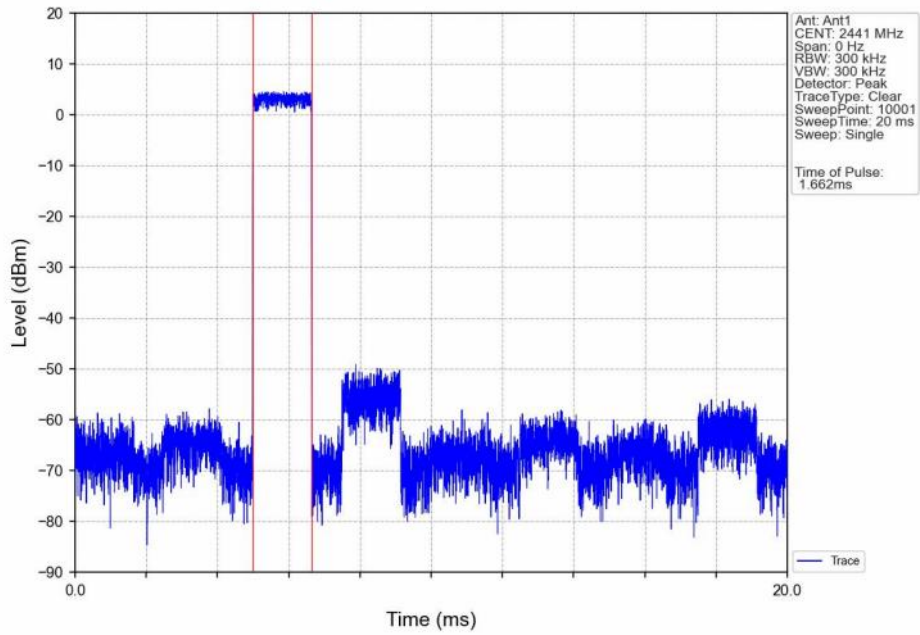
| Ant1      |         |                 |             |                               |                        |                                    |                 |            |         |
|-----------|---------|-----------------|-------------|-------------------------------|------------------------|------------------------------------|-----------------|------------|---------|
| Mode      | TX Type | Frequency (MHz) | Packet Type | Duration of Single Pulse (ms) | Observation Period (s) | Num of Pulse in Observation Period | Dwell Time (ms) | Limit (ms) | Verdict |
| GFSK      | SISO    | HOPP            | DH1         | 0.408                         | 31.600                 | 320                                | 130.560         | <=400      | Pass    |
|           |         |                 | DH3         | 1.662                         | 31.600                 | 166                                | 275.892         | <=400      | Pass    |
|           |         |                 | DH5         | 2.912                         | 31.600                 | 100                                | 291.200         | <=400      | Pass    |
| Pi/4DQPSK | SISO    | HOPP            | 2DH1        | 0.414                         | 31.600                 | 318                                | 131.652         | <=400      | Pass    |
|           |         |                 | 2DH3        | 1.664                         | 31.600                 | 159                                | 264.576         | <=400      | Pass    |
|           |         |                 | 2DH5        | 2.912                         | 31.600                 | 106                                | 308.672         | <=400      | Pass    |
| 8DPSK     | SISO    | HOPP            | 3DH1        | 0.408                         | 31.600                 | 320                                | 130.560         | <=400      | Pass    |
|           |         |                 | 3DH3        | 1.662                         | 31.600                 | 158                                | 262.596         | <=400      | Pass    |
|           |         |                 | 3DH5        | 2.916                         | 31.600                 | 107                                | 312.012         | <=400      | Pass    |

5.2 Test Graph

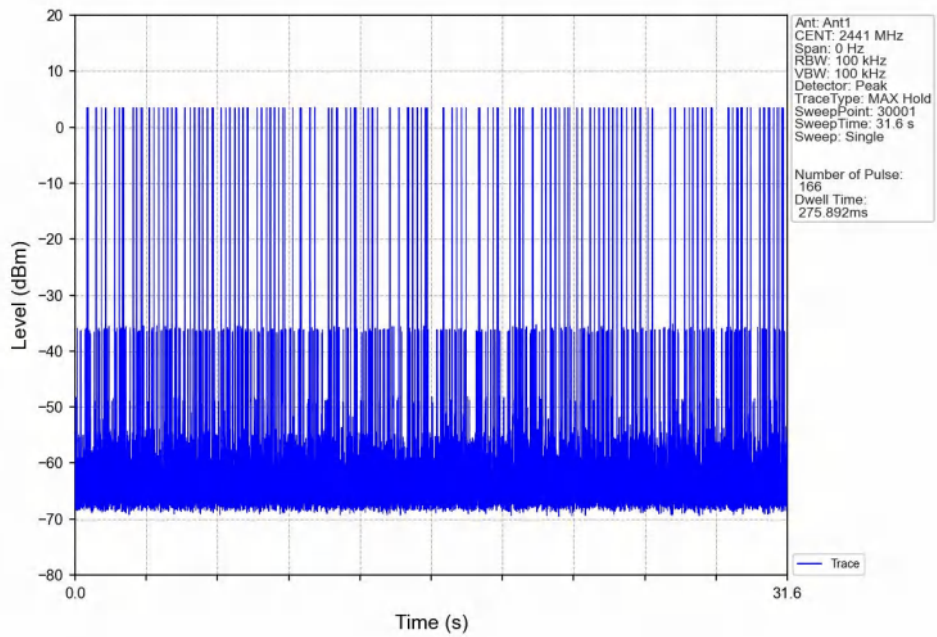
5.2.1 Ant1



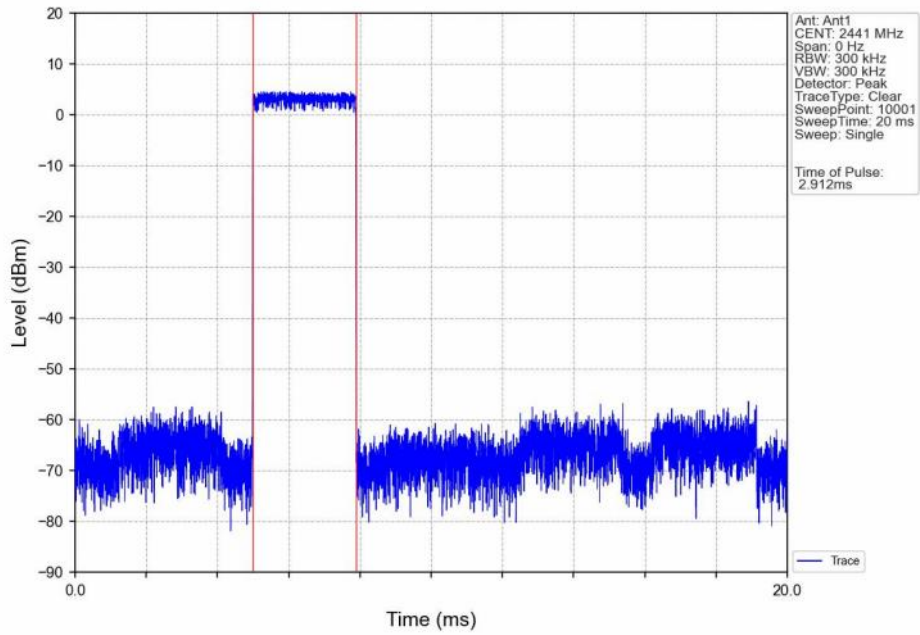
# GFSK\_DH3\_HOPP\_Ant1\_NTNV



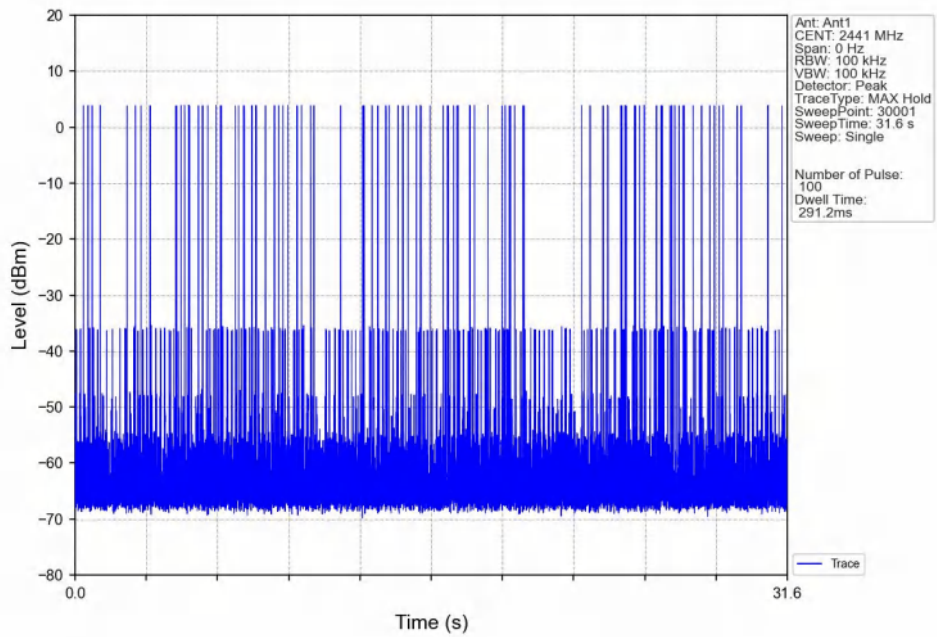
# GFSK\_DH3\_HOPP\_Ant1\_NTNV



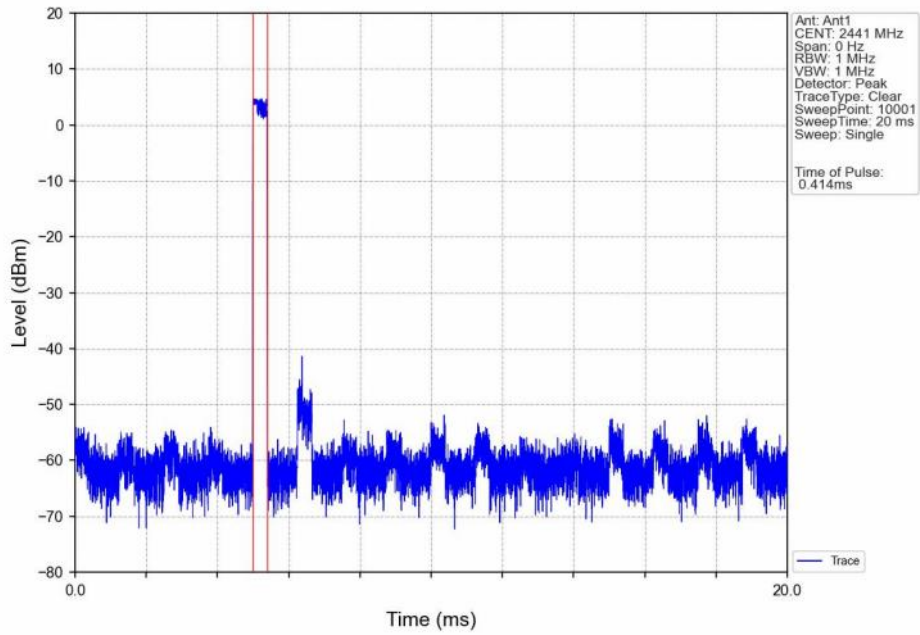
# GFSK\_DH5\_HOPP\_Ant1\_NTNV



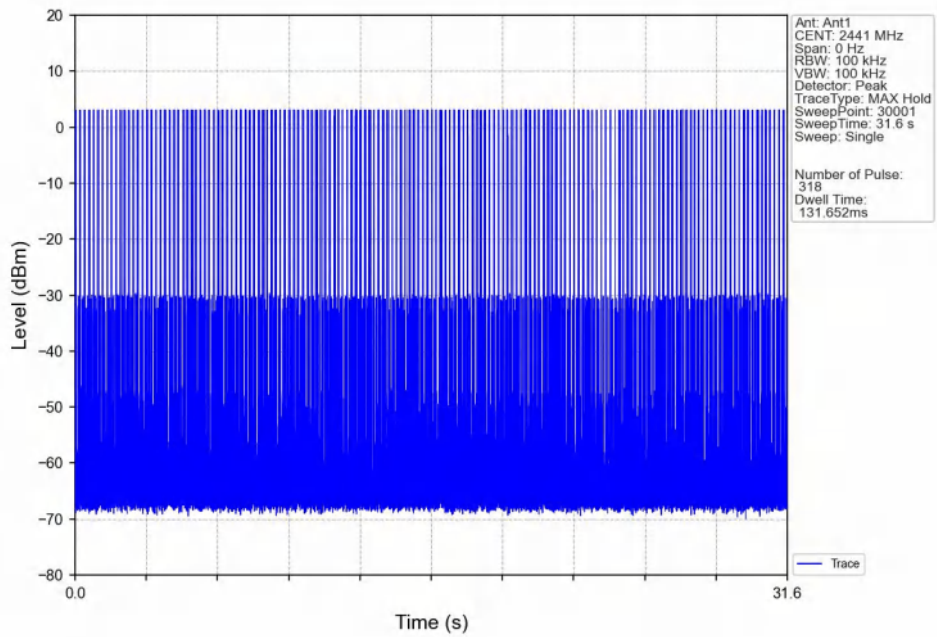
# GFSK\_DH5\_HOPP\_Ant1\_NTNV



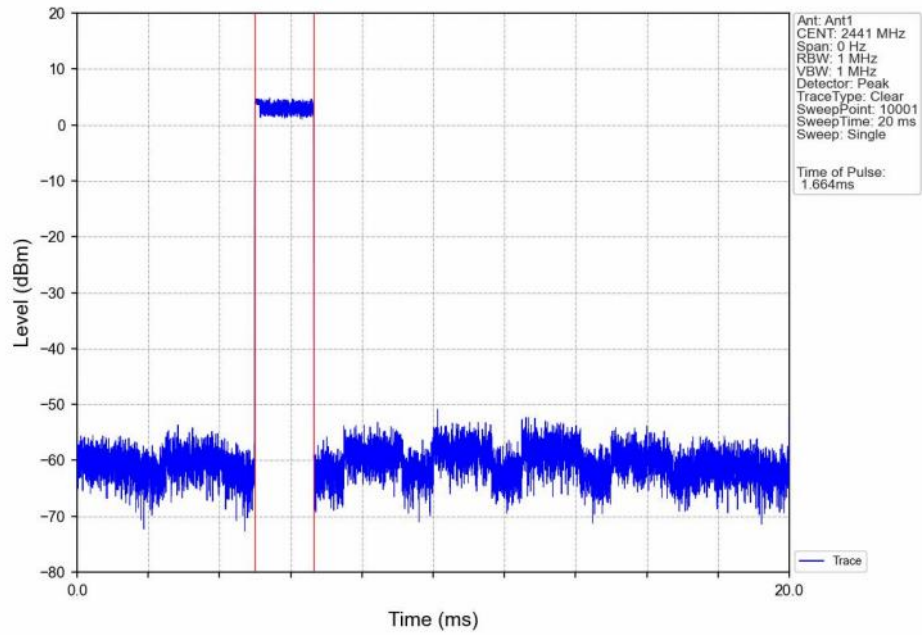
# Pi/4DQPSK\_2DH1\_HOPP\_Ant1\_NTNV



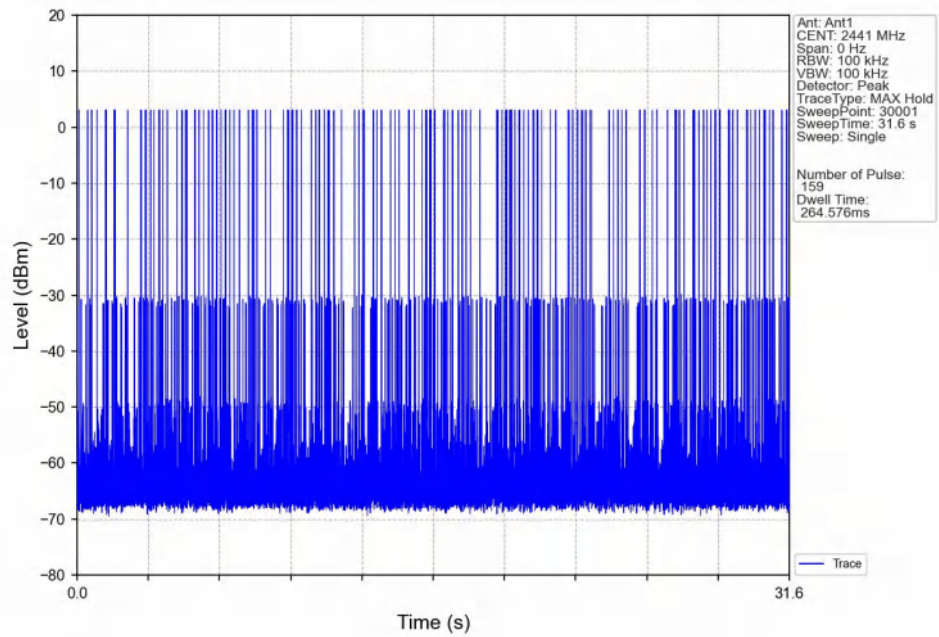
# Pi/4DQPSK\_2DH1\_HOPP\_Ant1\_NTNV



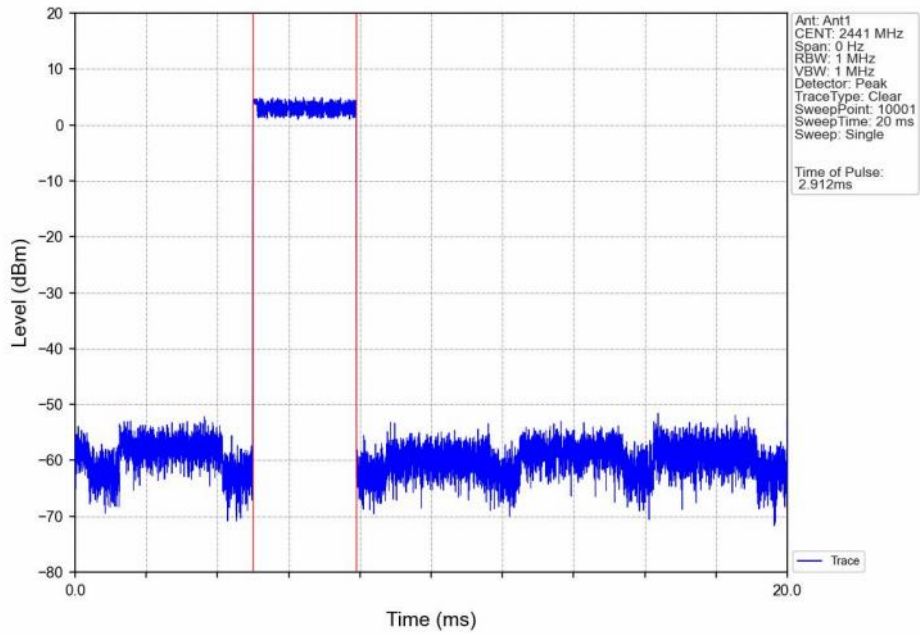
# Pi/4DQPSK\_2DH3\_HOPP\_Ant1\_NTNV



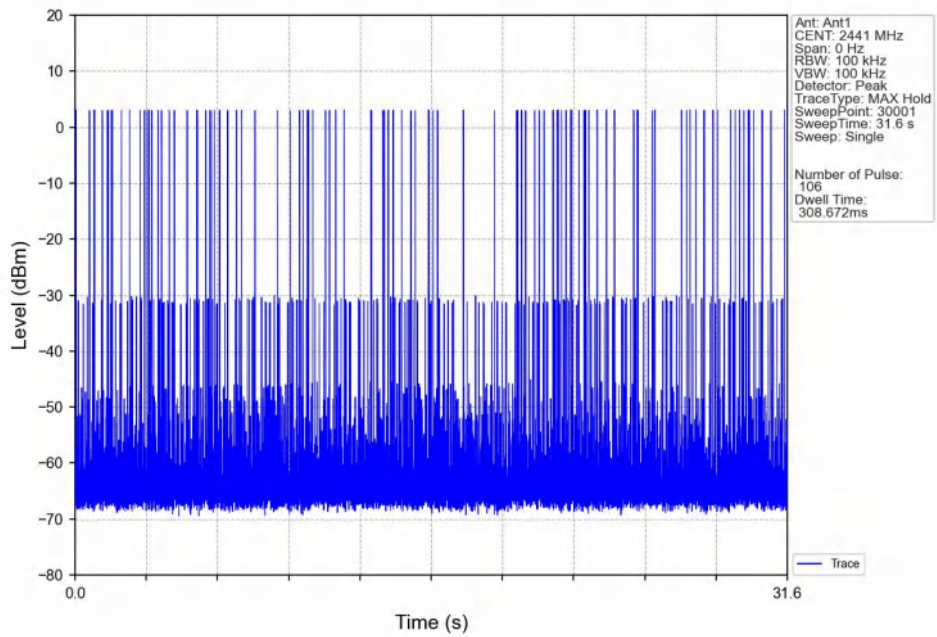
# Pi/4DQPSK\_2DH3\_HOPP\_Ant1\_NTNV



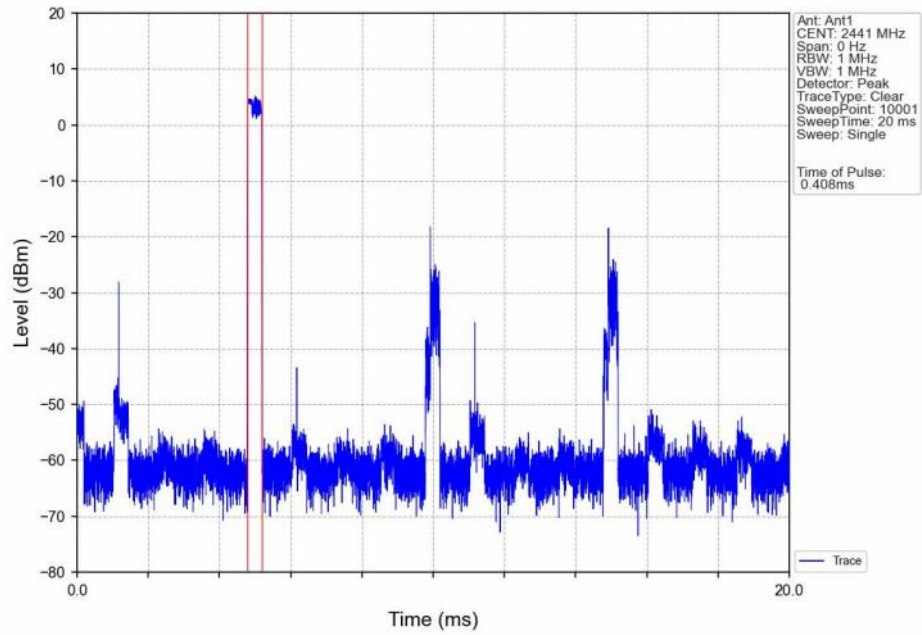
# Pi/4DQPSK\_2DH5\_HOPP\_Ant1\_NTNV



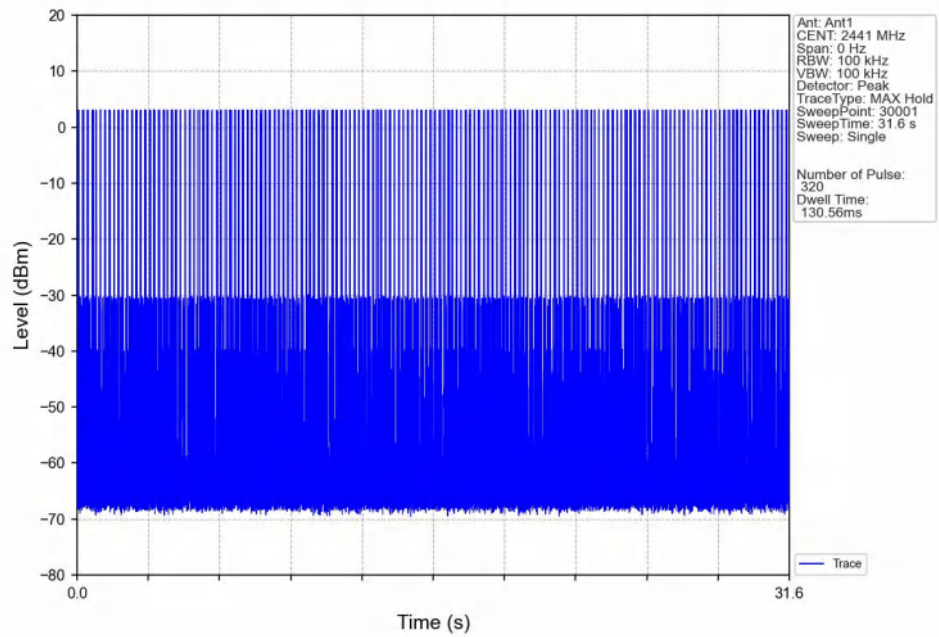
# Pi/4DQPSK\_2DH5\_HOPP\_Ant1\_NTNV



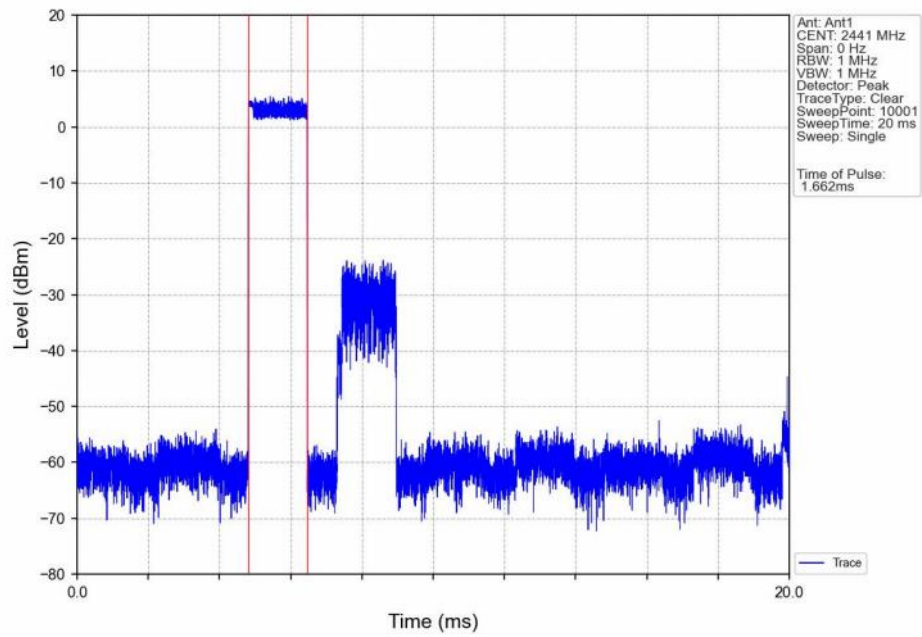
# 8DPSK\_3DH1\_HOPP\_Ant1\_NTNV



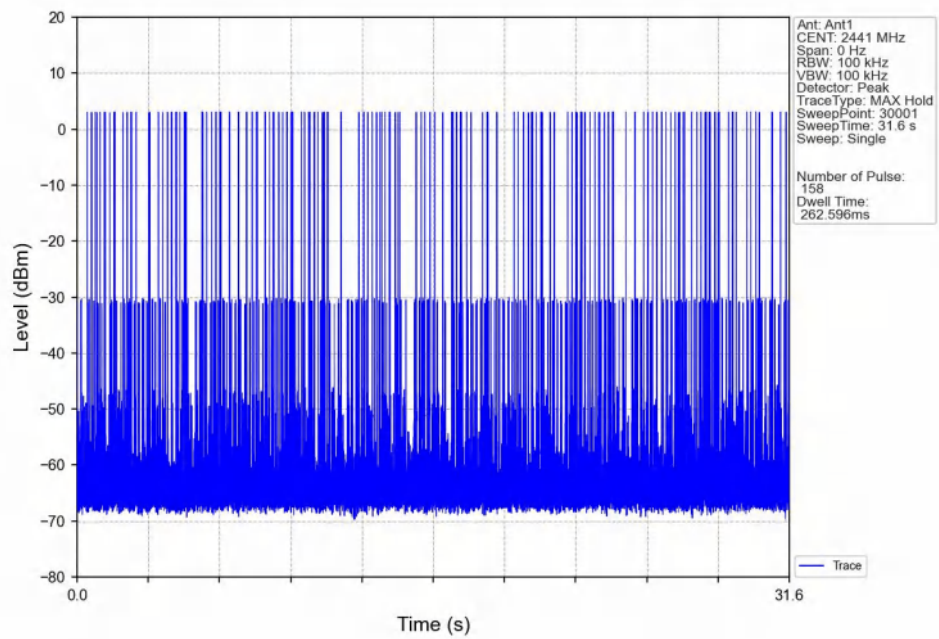
# 8DPSK\_3DH1\_HOPP\_Ant1\_NTNV



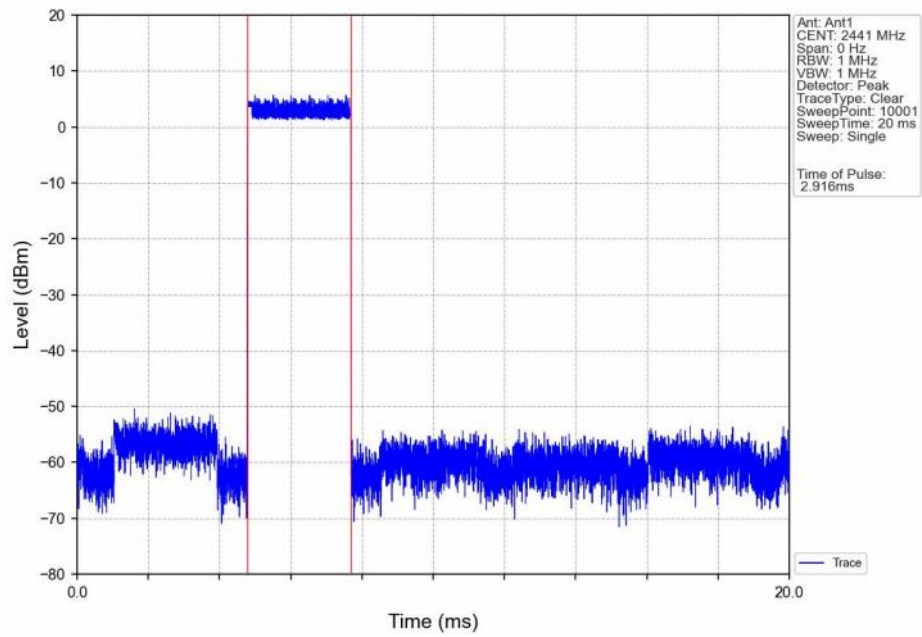
# 8DPSK\_3DH3\_HOPP\_Ant1\_NTNV



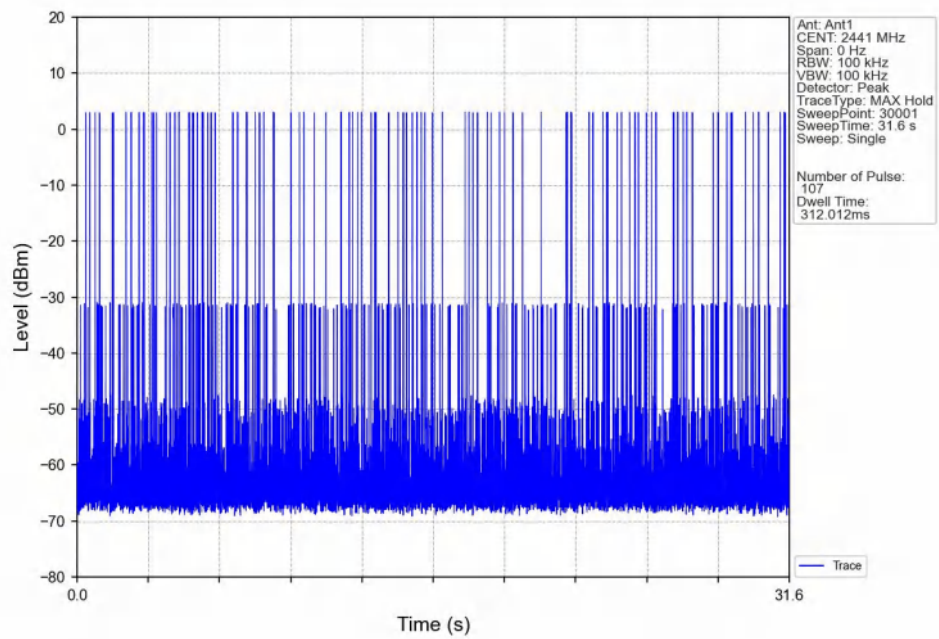
# 8DPSK\_3DH3\_HOPP\_Ant1\_NTNV



# 8DPSK\_3DH5\_HOPP\_Ant1\_NTNV



# 8DPSK\_3DH5\_HOPP\_Ant1\_NTNV



## 6. Unwanted Emissions In Non-restricted Frequency Bands

### 6.1 Test Result

#### 6.1.1 Ref

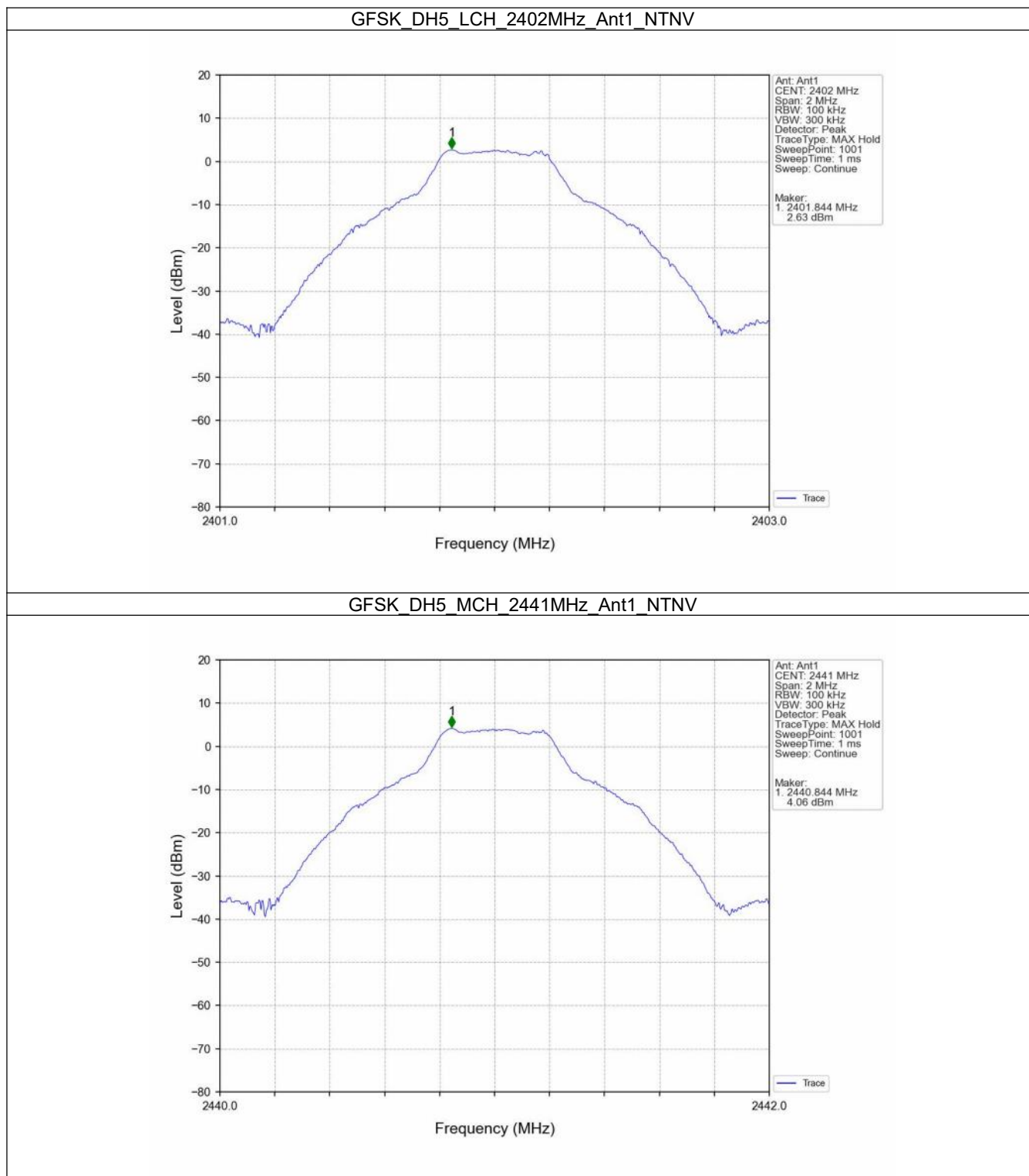
| Mode      | TX Type | Frequency (MHz) | Packet Type | ANT | Level of Reference (dBm) |
|-----------|---------|-----------------|-------------|-----|--------------------------|
| GFSK      | SISO    | 2402            | DH5         | 1   | 2.63                     |
|           |         | 2441            | DH5         | 1   | 4.06                     |
|           |         | 2480            | DH5         | 1   | 5.99                     |
|           |         | HOPP            | DH5         | 1   | 6.18                     |
|           |         |                 |             |     | 6.18                     |
| Pi/4DQPSK | SISO    | 2402            | 2DH5        | 1   | 2.65                     |
|           |         | 2441            | 2DH5        | 1   | 4.10                     |
|           |         | 2480            | 2DH5        | 1   | 5.97                     |
|           |         | HOPP            | 2DH5        | 1   | 6.01                     |
|           |         |                 |             |     | 6.01                     |
| 8DPSK     | SISO    | 2402            | 3DH5        | 1   | 2.67                     |
|           |         | 2441            | 3DH5        | 1   | 4.11                     |
|           |         | 2480            | 3DH5        | 1   | 6.01                     |
|           |         | HOPP            | 3DH5        | 1   | 5.70                     |
|           |         |                 |             |     | 5.70                     |

#### 6.1.2 CSE

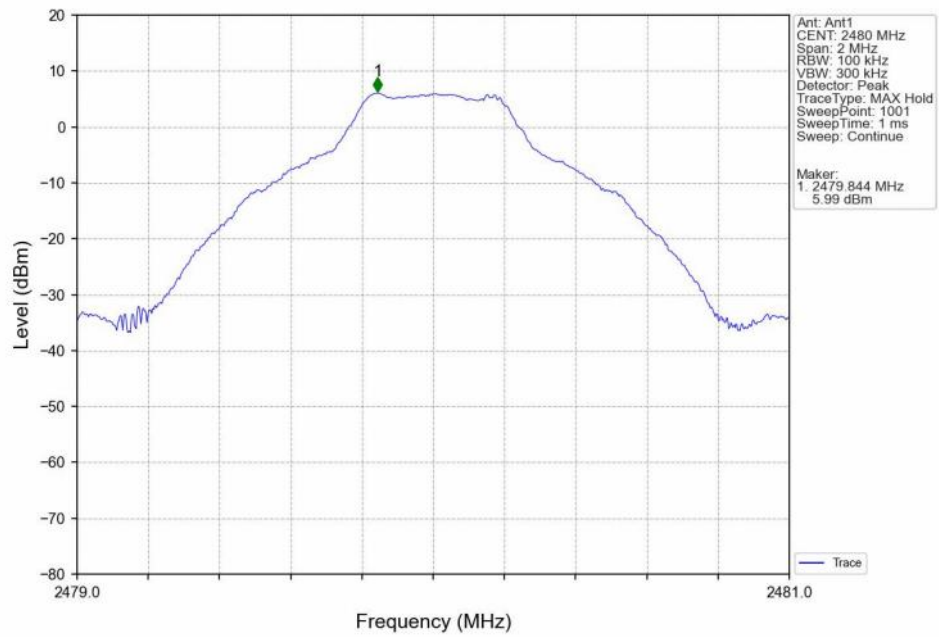
| Mode      | TX Type | Frequency (MHz) | Packet Type | ANT | Level of Reference (dBm) | Limit (dBm) | Verdict |
|-----------|---------|-----------------|-------------|-----|--------------------------|-------------|---------|
| GFSK      | SISO    | 2402            | DH5         | 1   | 2.63                     | -17.37      | Pass    |
|           |         | 2441            | DH5         | 1   | 4.06                     | -15.94      | Pass    |
|           |         | 2480            | DH5         | 1   | 5.99                     | -14.01      | Pass    |
|           |         | HOPP            | DH5         | 1   | 6.18                     | -13.82      | Pass    |
|           |         |                 |             |     | 6.18                     | -13.82      | Pass    |
| Pi/4DQPSK | SISO    | 2402            | 2DH5        | 1   | 2.65                     | -17.35      | Pass    |
|           |         | 2441            | 2DH5        | 1   | 4.10                     | -15.90      | Pass    |
|           |         | 2480            | 2DH5        | 1   | 5.97                     | -14.03      | Pass    |
|           |         | HOPP            | 2DH5        | 1   | 6.01                     | -13.99      | Pass    |
|           |         |                 |             |     | 6.01                     | -13.99      | Pass    |
| 8DPSK     | SISO    | 2402            | 3DH5        | 1   | 2.67                     | -17.33      | Pass    |
|           |         | 2441            | 3DH5        | 1   | 4.11                     | -15.89      | Pass    |
|           |         | 2480            | 3DH5        | 1   | 6.01                     | -13.99      | Pass    |
|           |         | HOPP            | 3DH5        | 1   | 5.70                     | -14.30      | Pass    |
|           |         |                 |             |     | 5.70                     | -14.30      | Pass    |

## 6.2 Test Graph

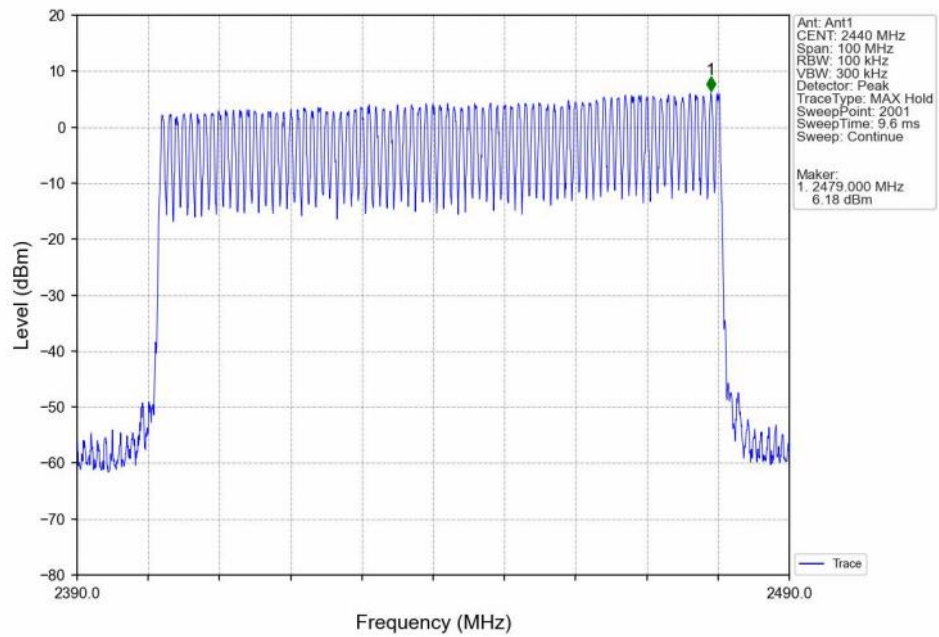
### 6.2.1 Ref



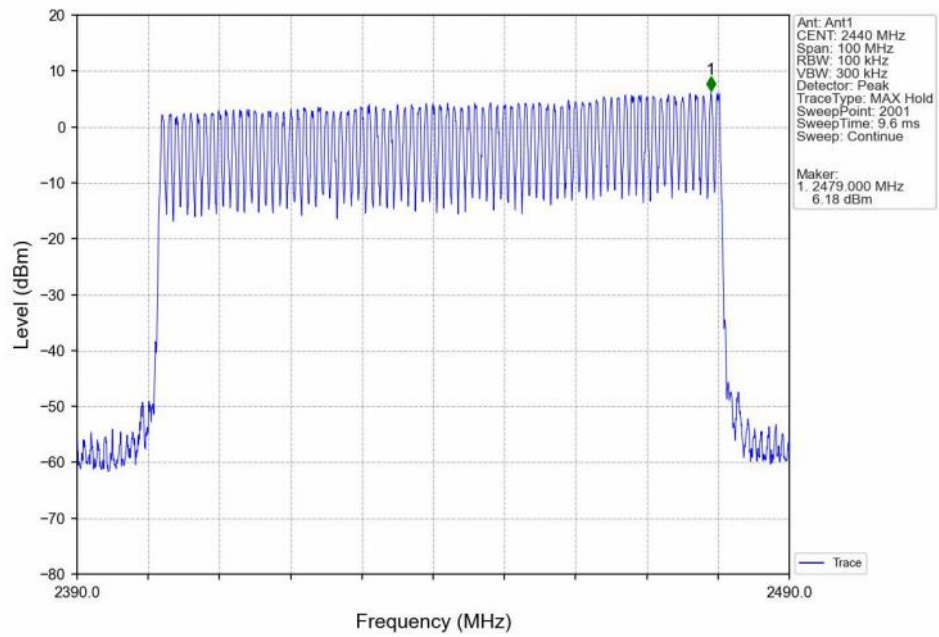
# GFSK\_DH5\_HCH\_2480MHz\_Ant1\_NTNV



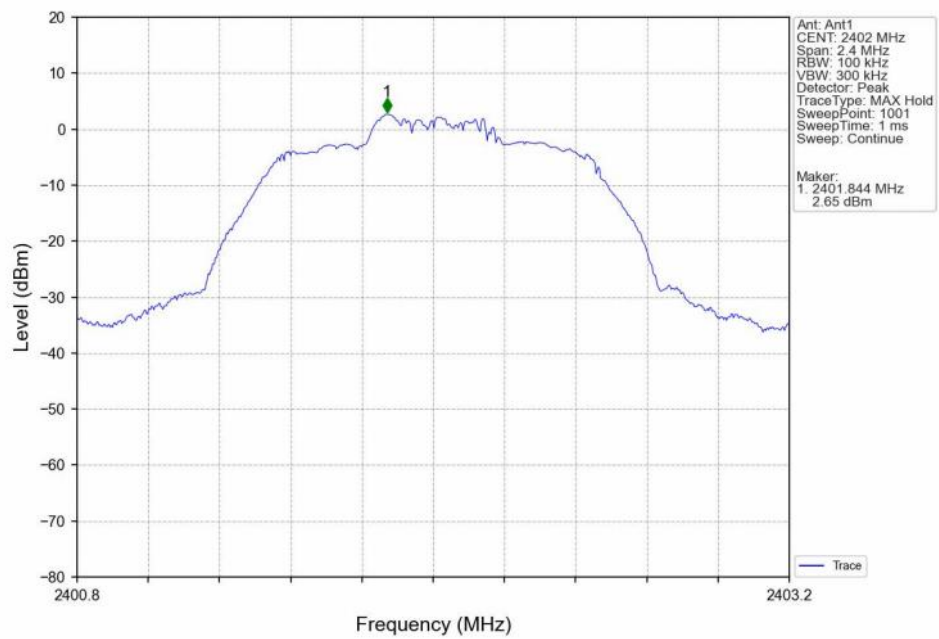
# GFSK\_DH5\_HOPP\_Ant1\_NTNV



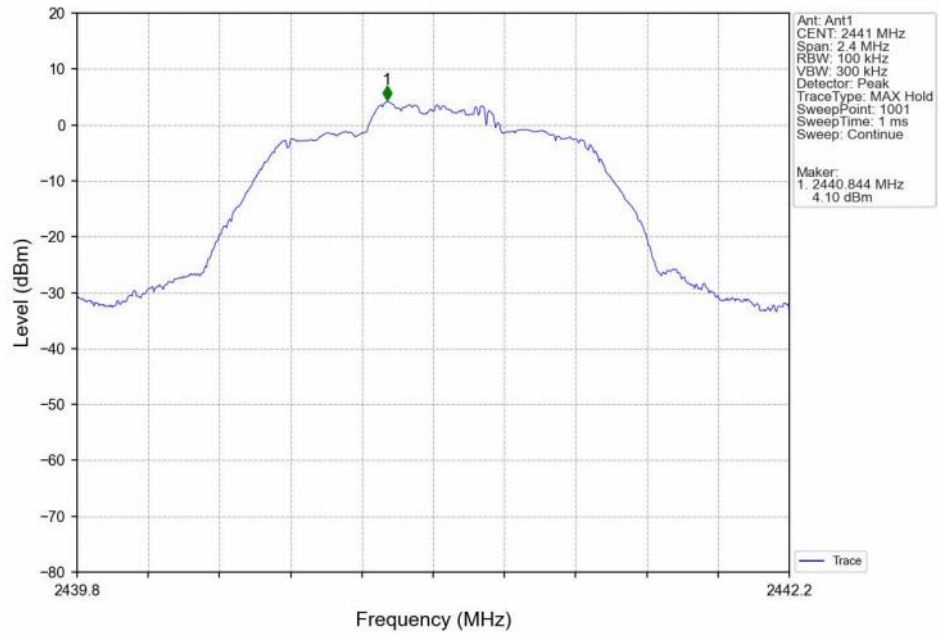
# GFSK\_DH5\_HOPP\_Ant1\_NTNV



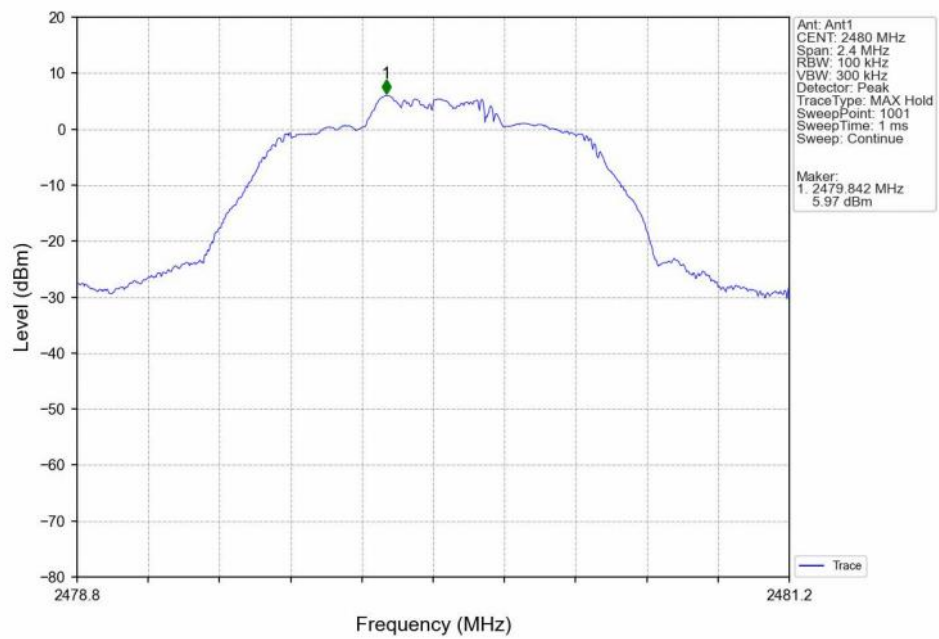
# Pi/4DQPSK\_2DH5\_LCH\_2402MHz\_Ant1\_NTNV



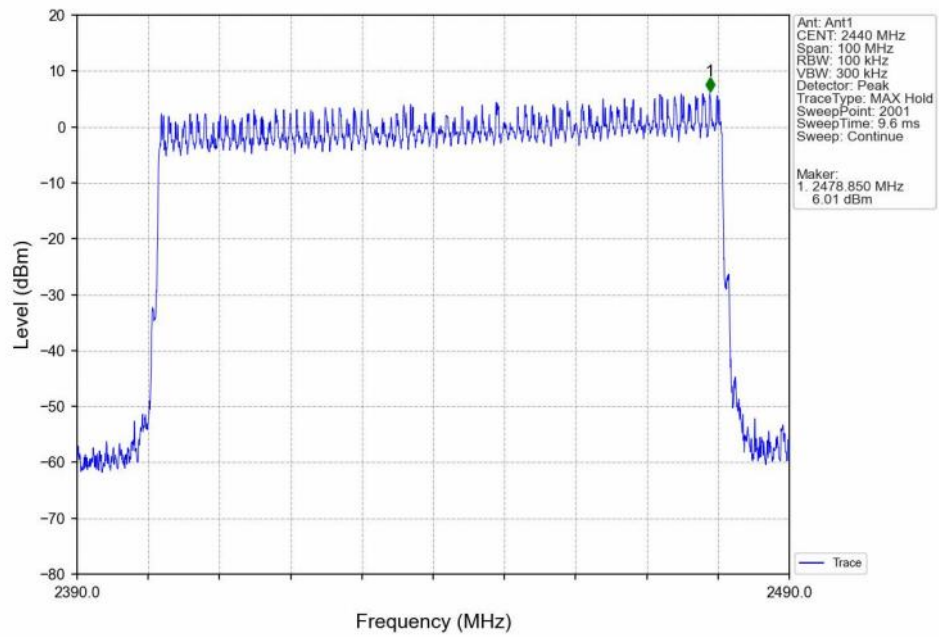
Pi/4DQPSK\_2DH5\_MCH\_2441MHz\_Ant1\_NTNV



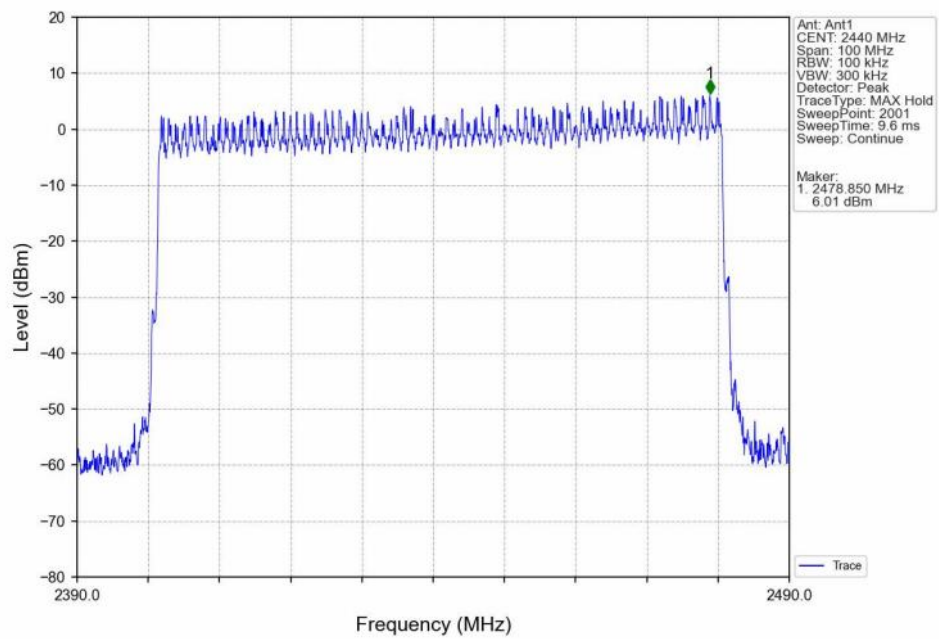
Pi/4DQPSK\_2DH5\_HCH\_2480MHz\_Ant1\_NTNV



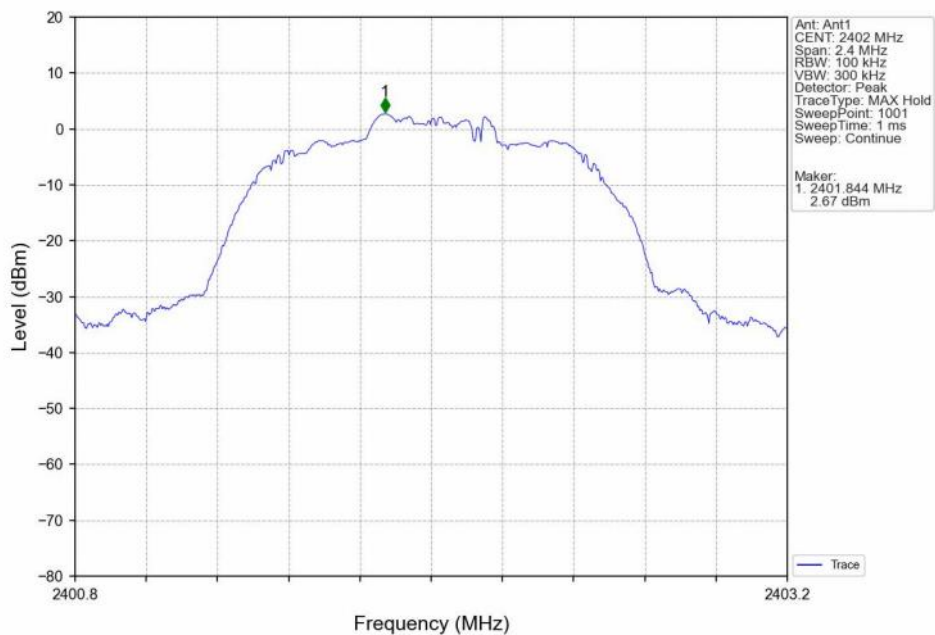
Pi/4DQPSK\_2DH5\_HOPP\_Ant1\_NTNV



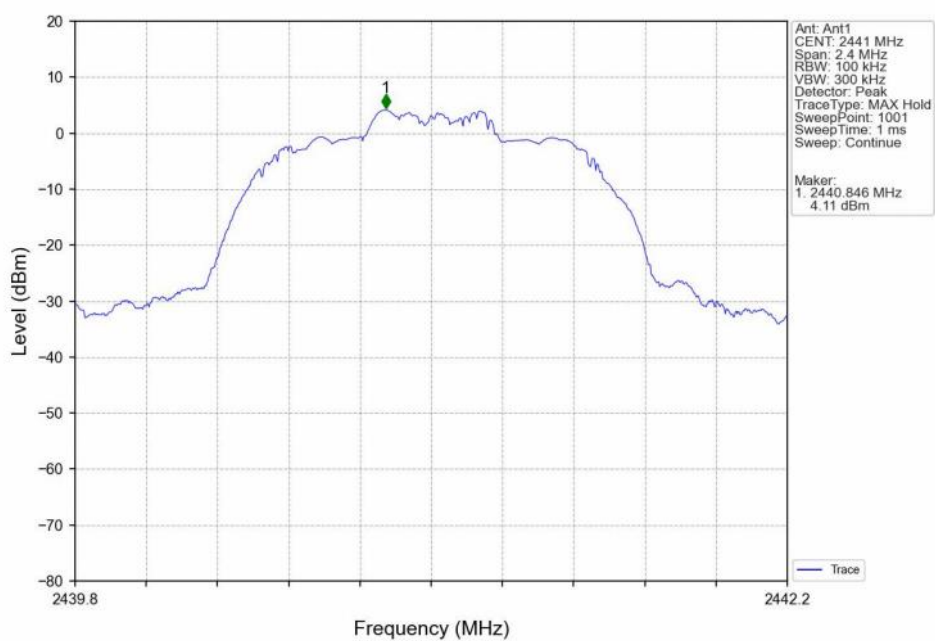
Pi/4DQPSK\_2DH5\_HOPP\_Ant1\_NTNV



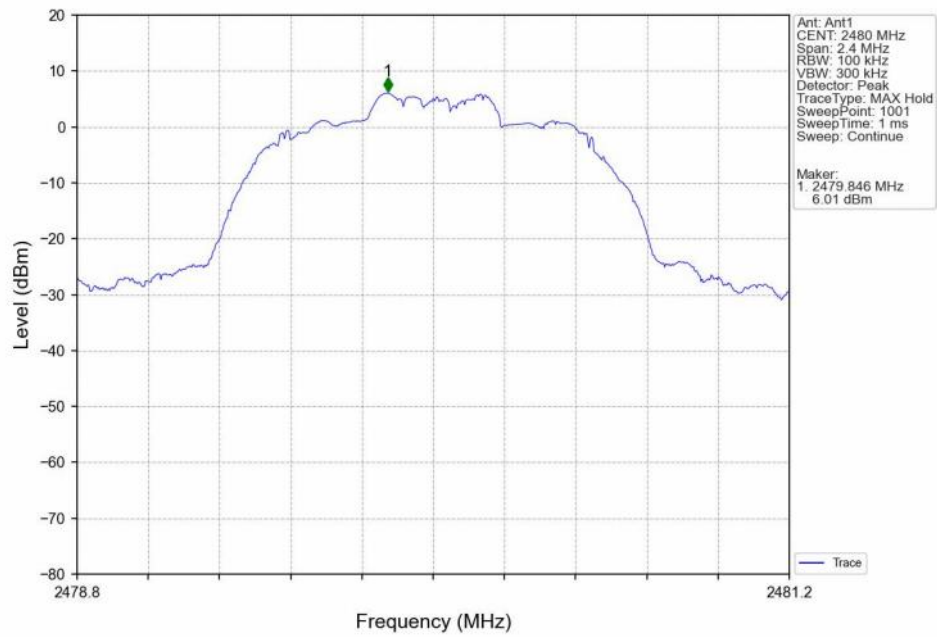
# 8DPSK\_3DH5\_LCH\_2402MHz\_Ant1\_NTNV



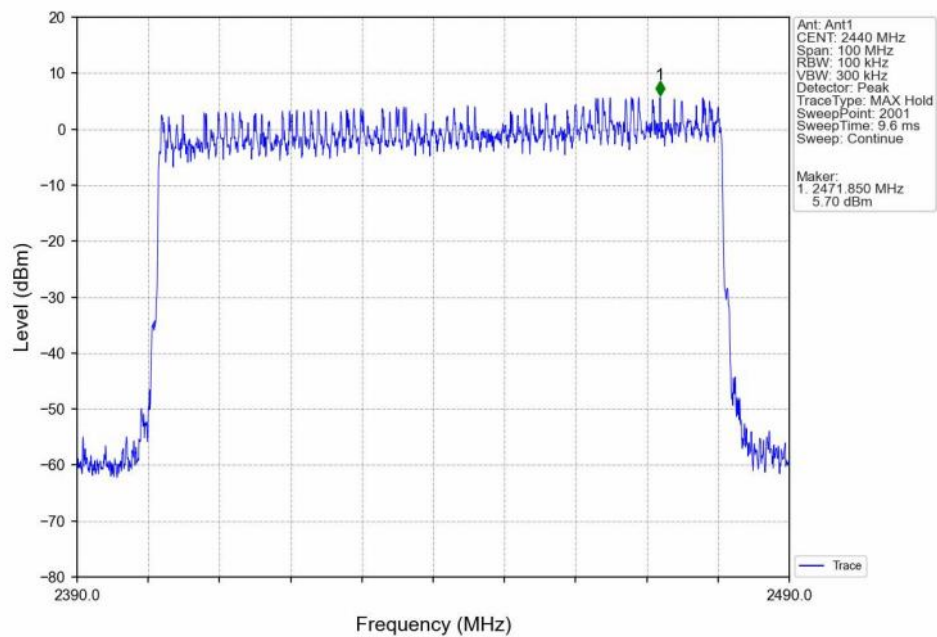
# 8DPSK\_3DH5\_MCH\_2441MHz\_Ant1\_NTNV



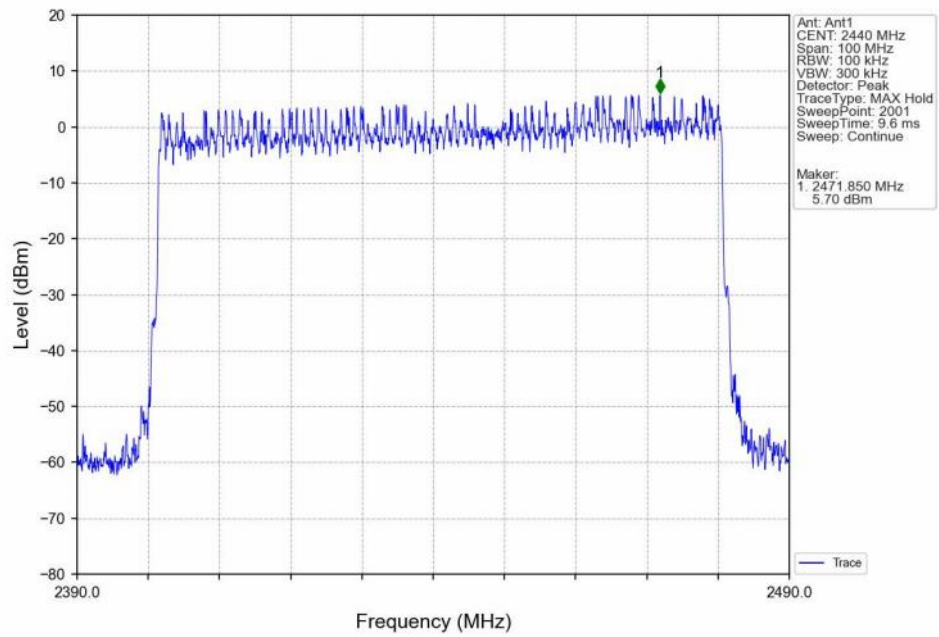
# 8DPSK\_3DH5\_HCH\_2480MHz\_Ant1\_NTNV



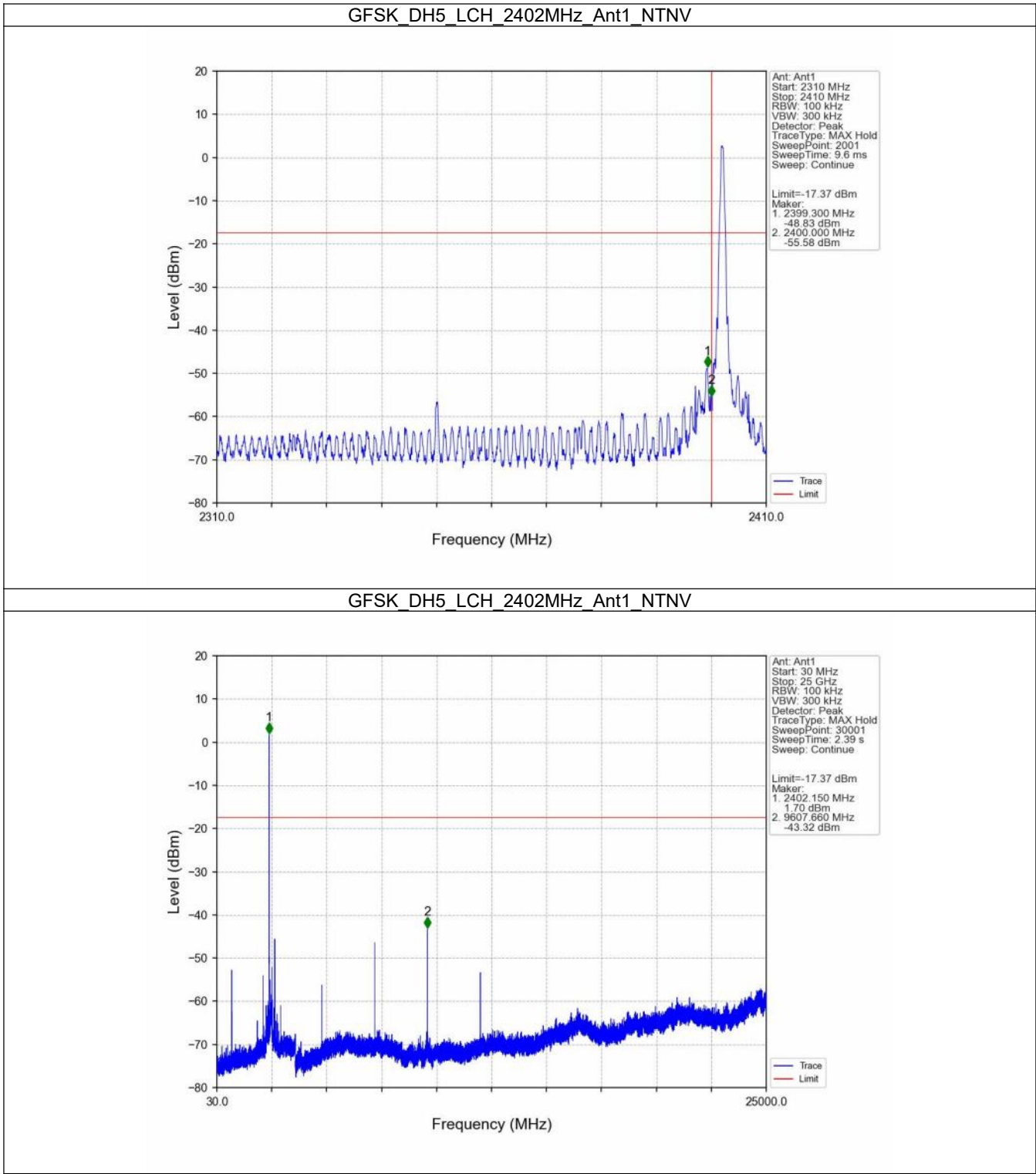
# 8DPSK\_3DH5\_HOPP\_Ant1\_NTNV



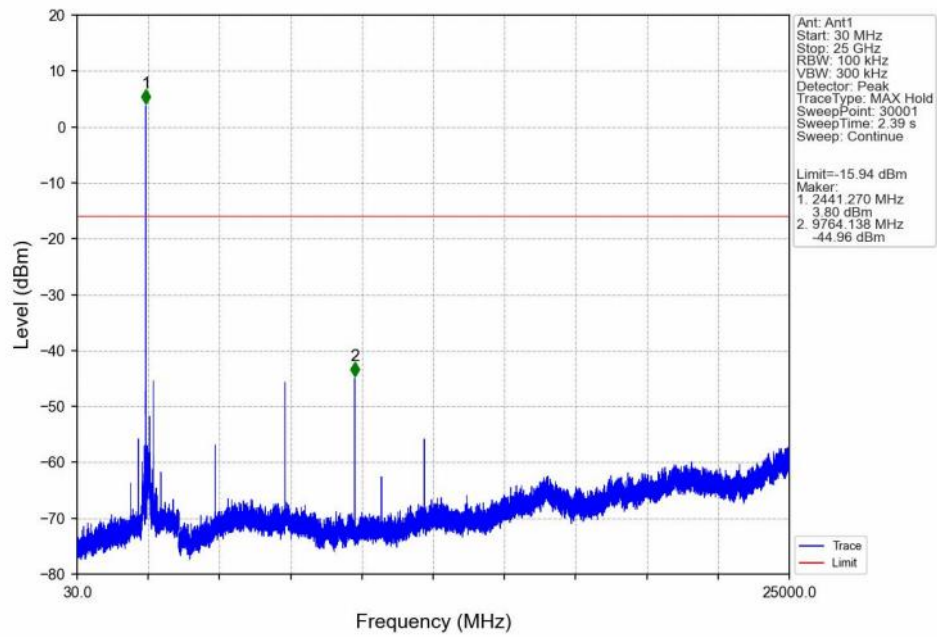
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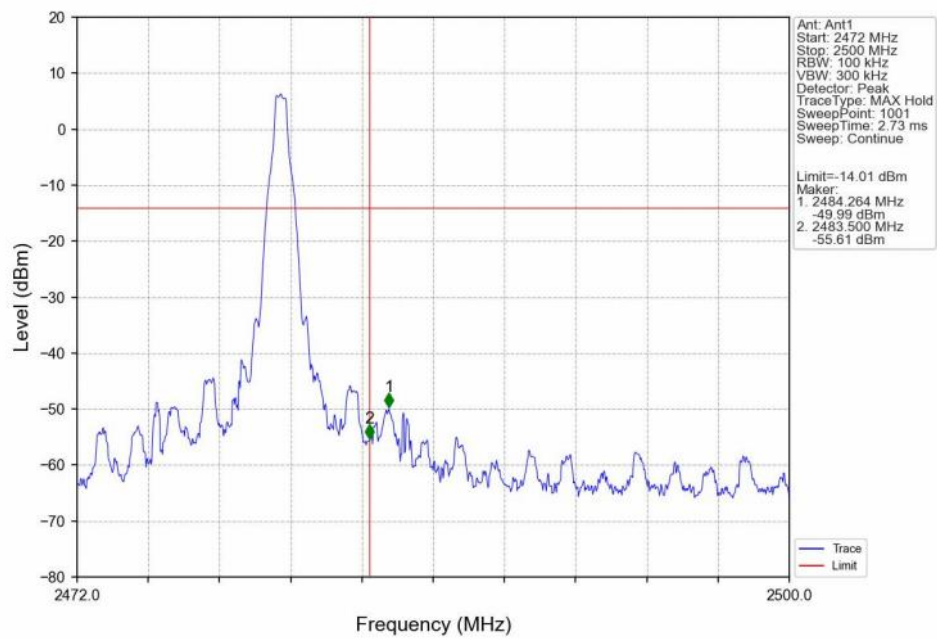
6.2.2 CSE



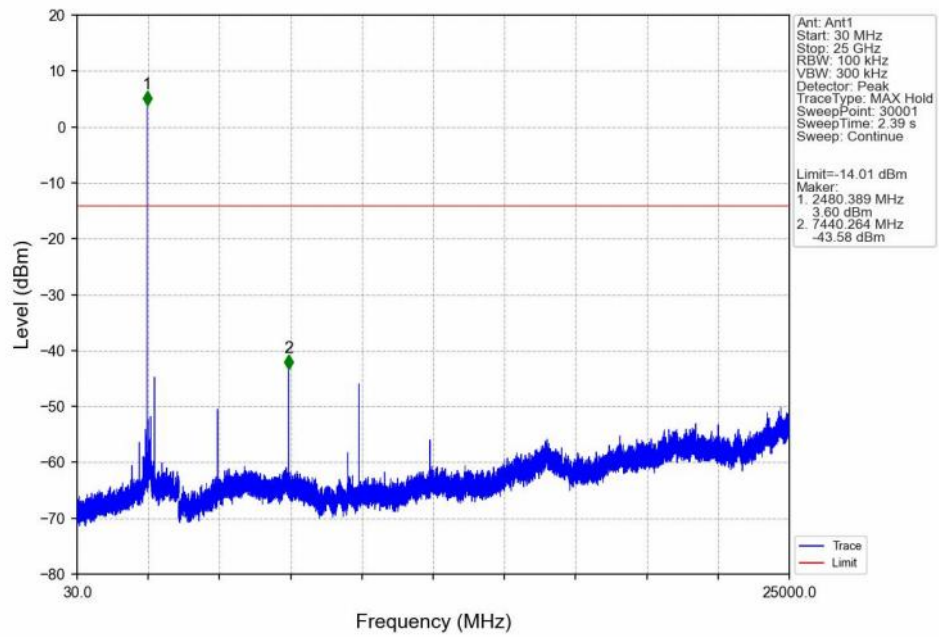
# GFSK\_DH5\_MCH\_2441MHz\_Ant1\_NTNV



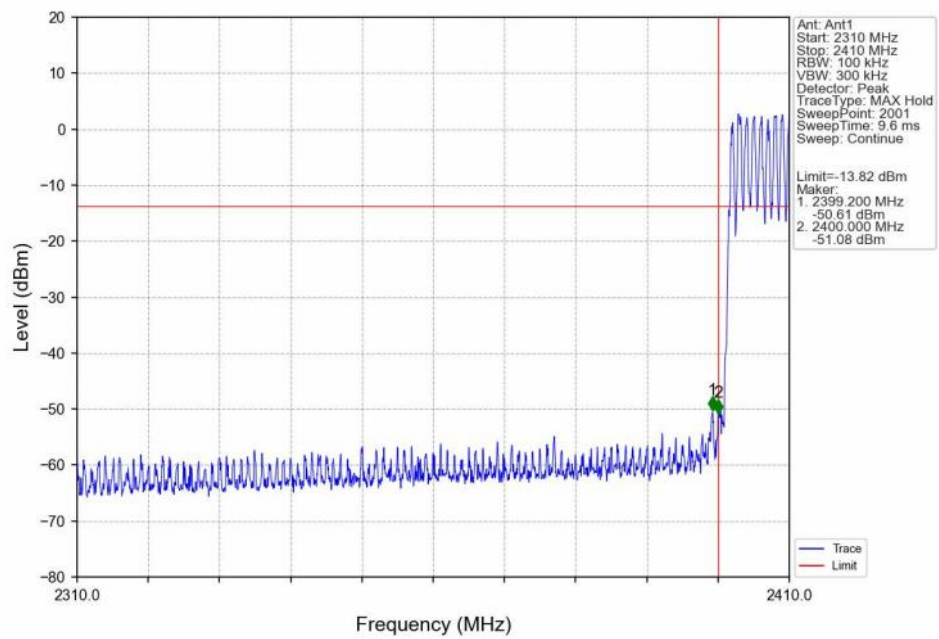
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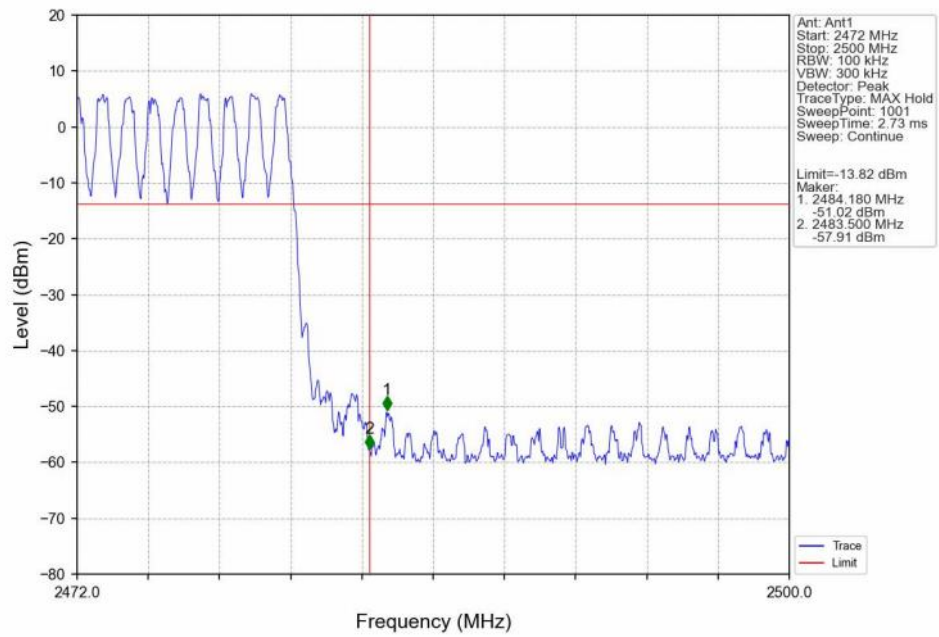
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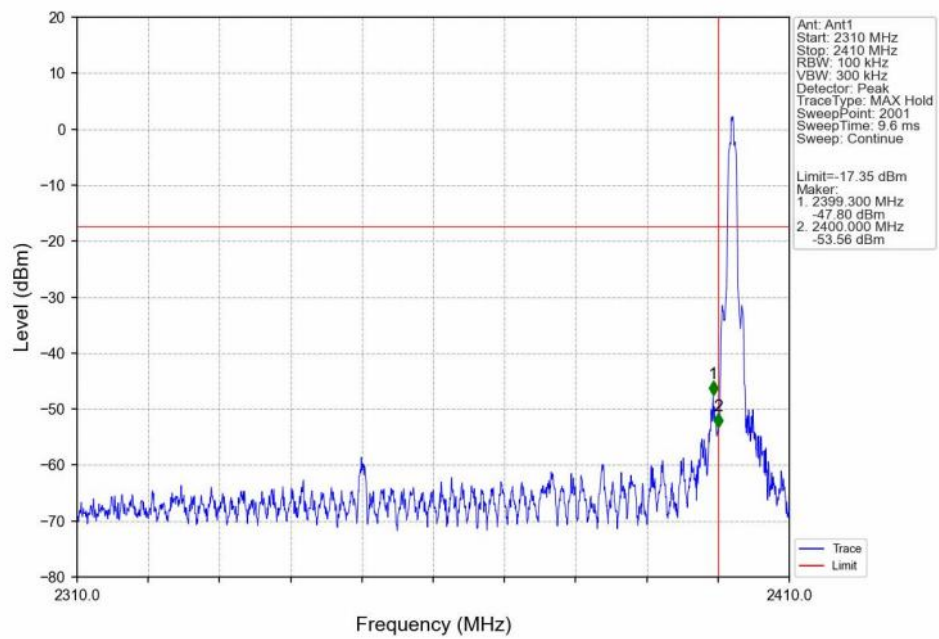
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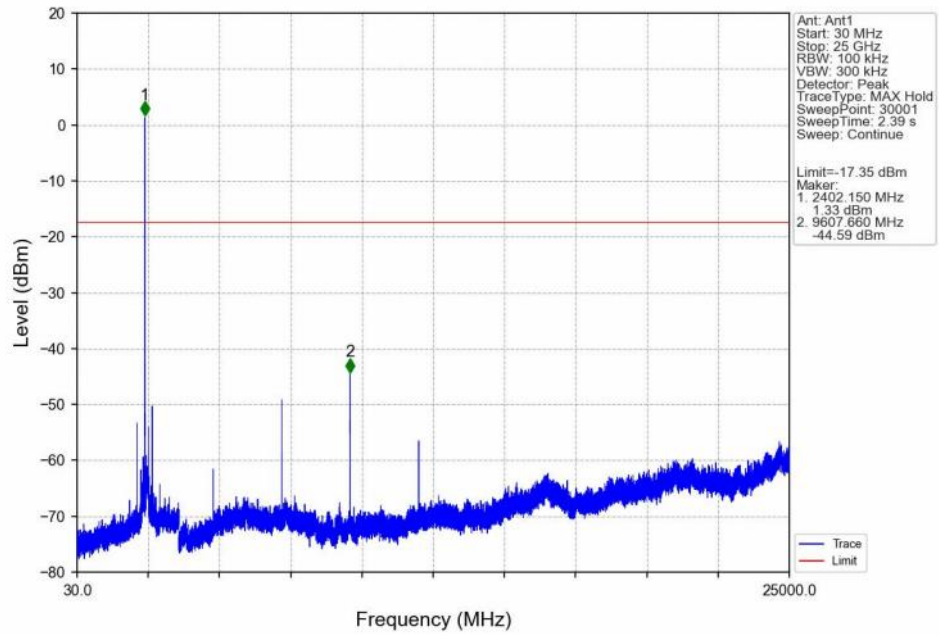
# GFSK\_DH5\_HOPP\_Ant1\_NTNV



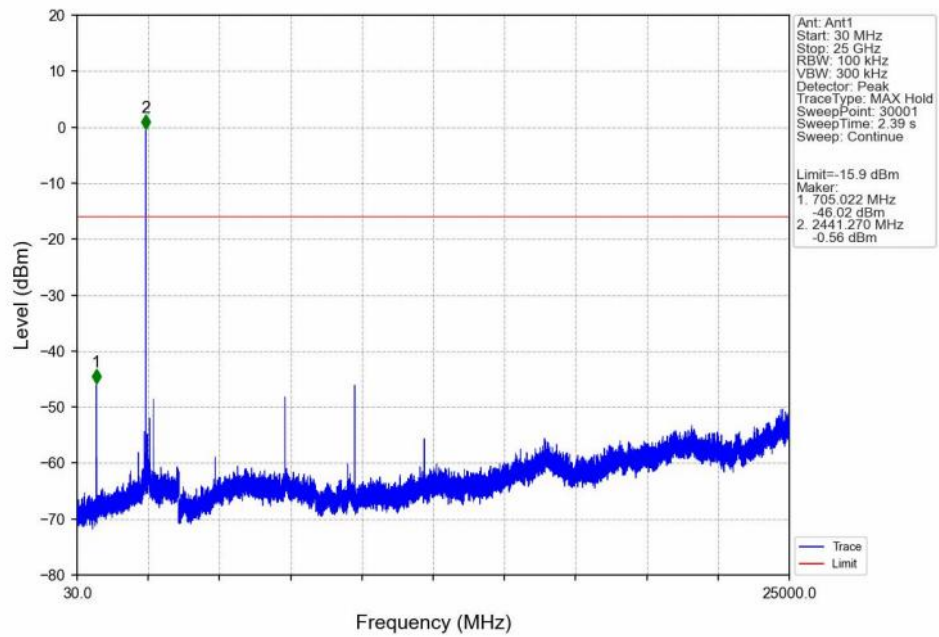
# Pi/4DQPSK\_2DH5\_LCH\_2402MHz\_Ant1\_NTNV



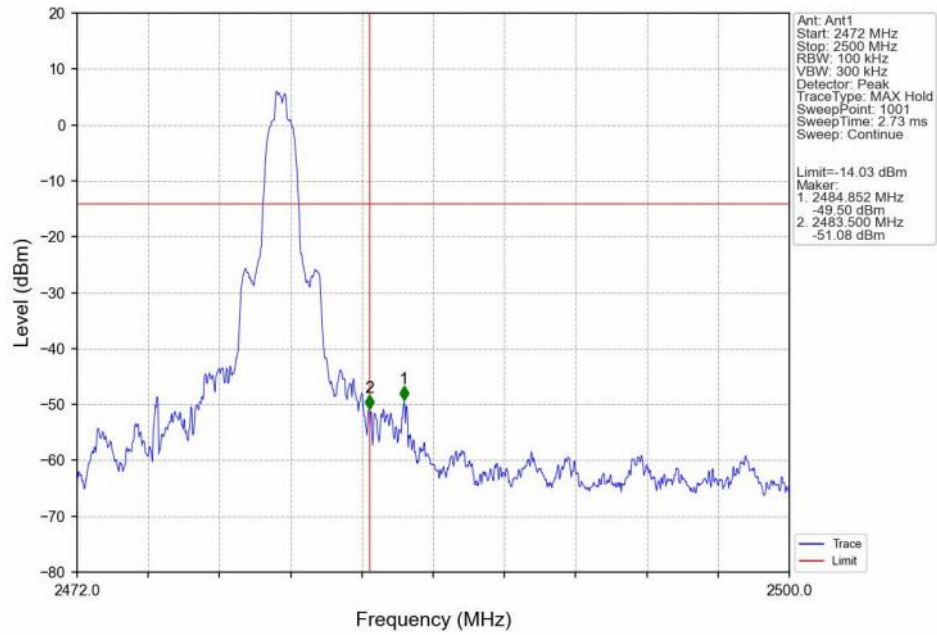
Pi/4DQPSK\_2DH5\_LCH\_2402MHz\_Ant1\_NTNV



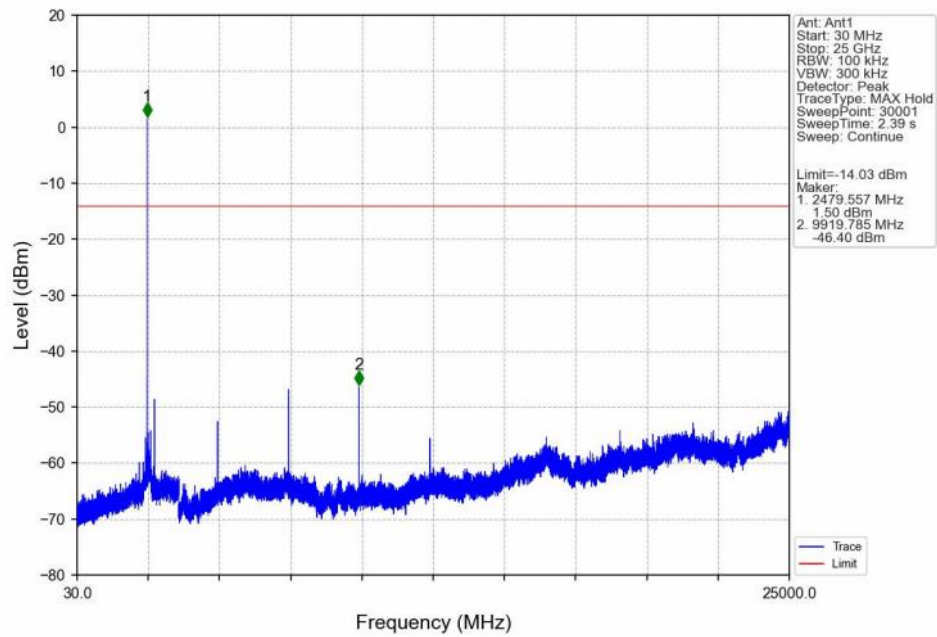
Pi/4DQPSK\_2DH5\_MCH\_2441MHz\_Ant1\_NTNV



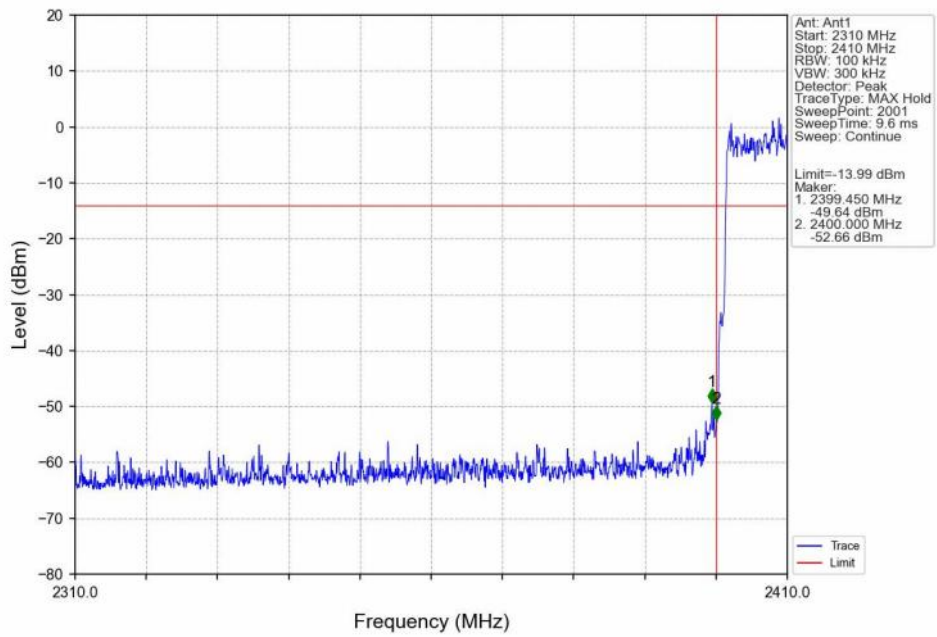
Pi/4DQPSK\_2DH5\_HCH\_2480MHz\_Ant1\_NTNV



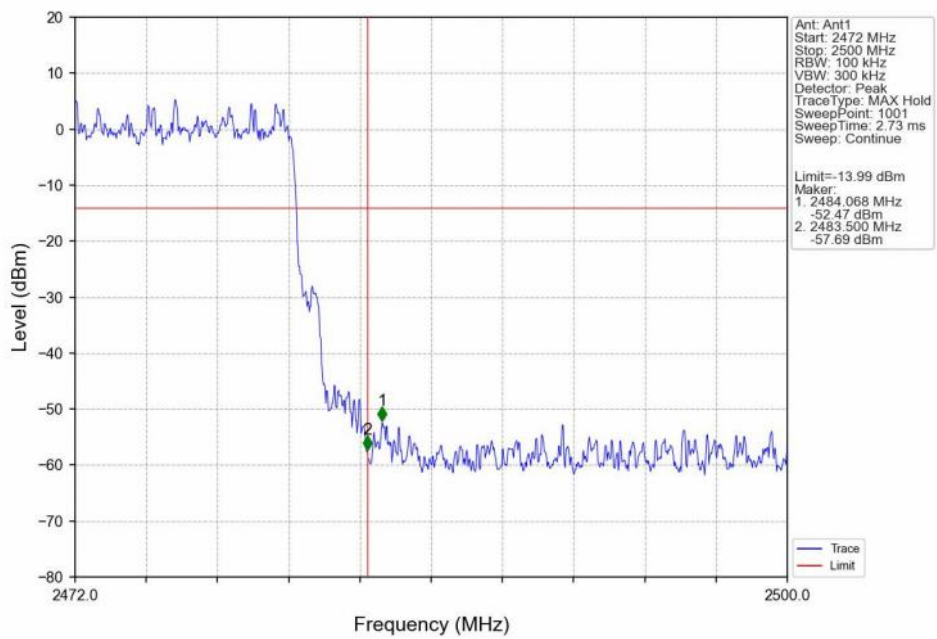
Pi/4DQPSK\_2DH5\_HCH\_2480MHz\_Ant1\_NTNV



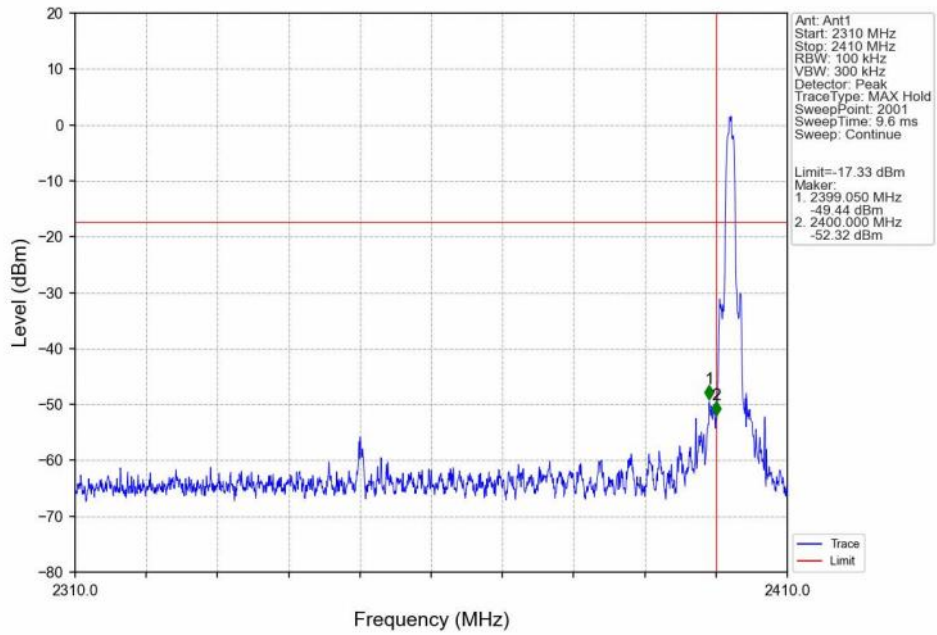
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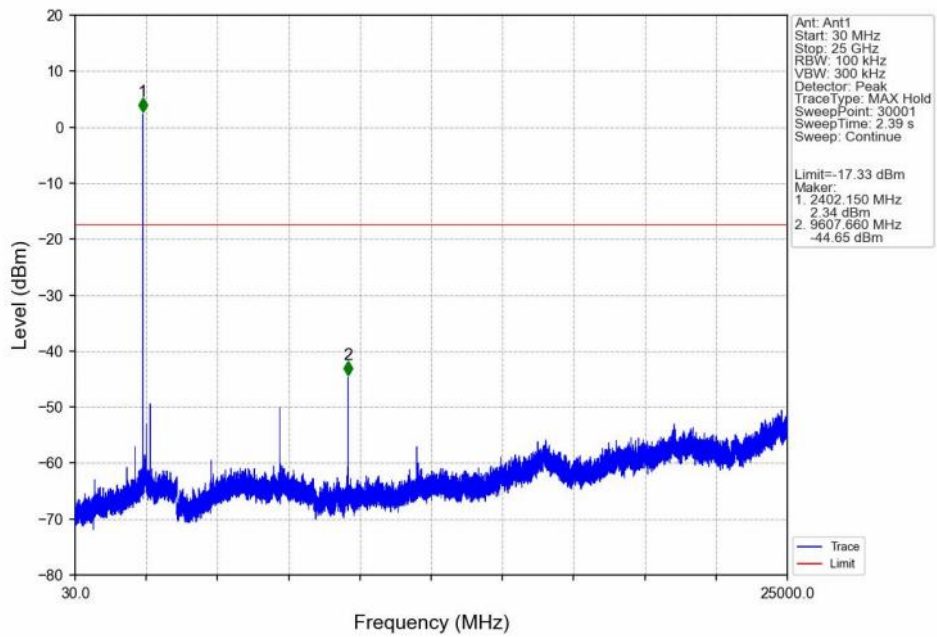
# Pi/4DQPSK\_2DH5\_HOPP\_Ant1\_NTNV



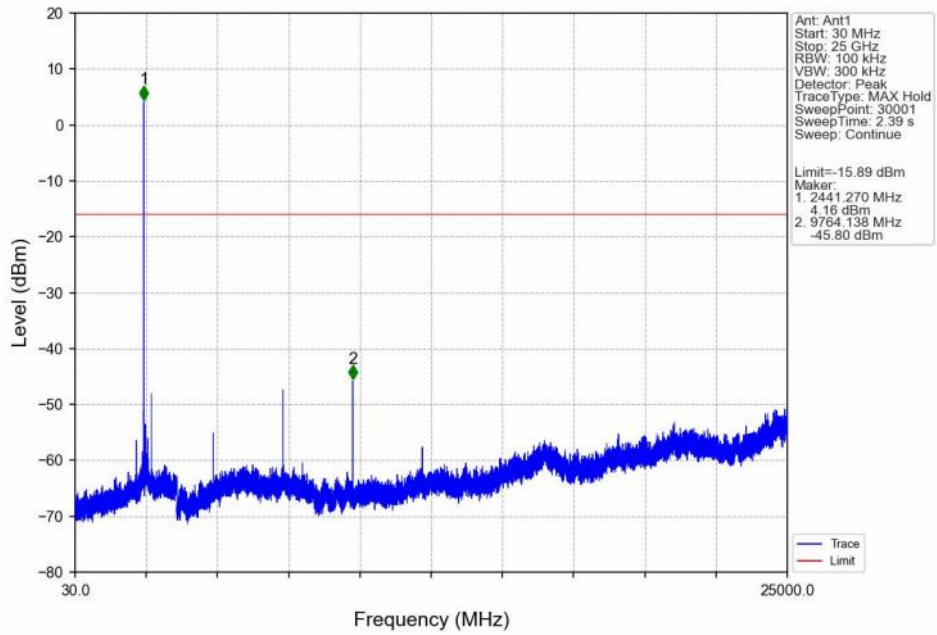
8DPSK\_3DH5\_LCH\_2402MHz\_Ant1\_NTNV



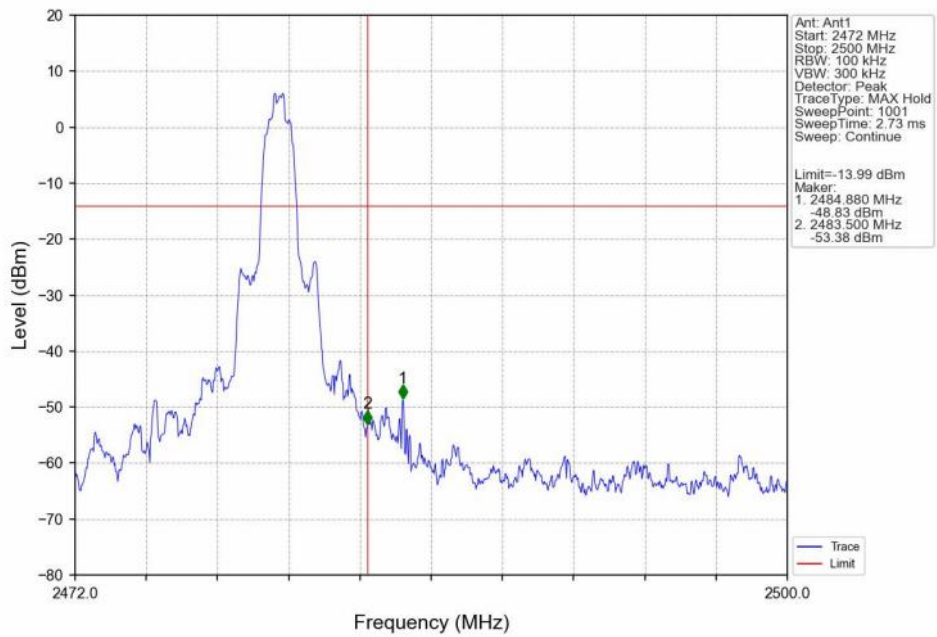
8DPSK\_3DH5\_LCH\_2402MHz\_Ant1\_NTNV



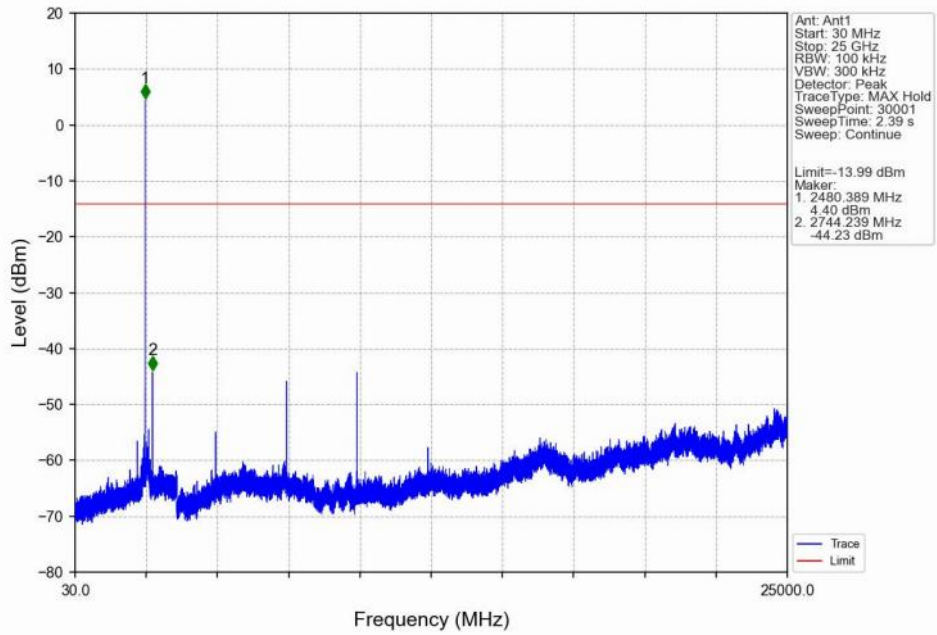
# 8DPSK\_3DH5\_MCH\_2441MHz\_Ant1\_NTNV



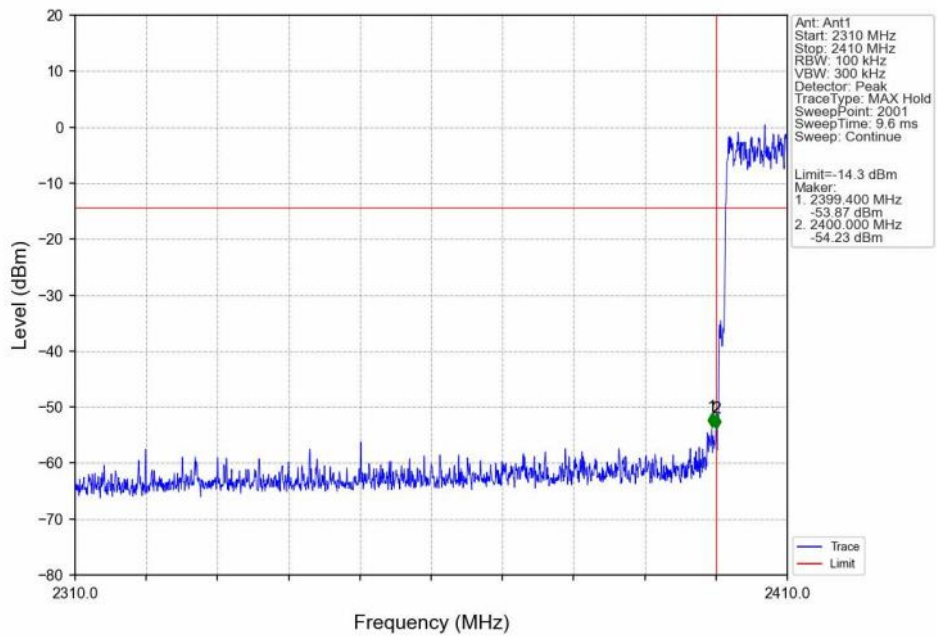
# 8DPSK\_3DH5\_HCH\_2480MHz\_Ant1\_NTNV



# 8DPSK\_3DH5\_HCH\_2480MHz\_Ant1\_NTNV



# 8DPSK\_3DH5\_HOPP\_Ant1\_NTNV



# 8DPSK\_3DH5\_HOPP\_Ant1\_NTNV

