

# ANNEX TEST DATA EDR

## FCC ID: 2BEQB-WZZM32

|                       |                                                                                                                                                                             |
|-----------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Applicant:            | Shenzhen Dewanghong Technology Co. LTD                                                                                                                                      |
| Address:              | 6 /F, Building B5, Anle industrial Zone, Hangcheng Avenue, Gushu.Xixiang, Baoan District, Shenzhen                                                                          |
| Manufacturer:         | Shenzhen Dewanghong Technology Co. LTD                                                                                                                                      |
| Address:              | 6 /F, Building B5, Anle industrial Zone, Hangcheng Avenue, Gushu.Xixiang, Baoan District, Shenzhen                                                                          |
| Product Name:         | Wireless headset                                                                                                                                                            |
| Trade Mark:           | N/A                                                                                                                                                                         |
| Model Number:         | WZZM32                                                                                                                                                                      |
| Date of Receipt:      | Jul. 07, 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<br>ANSI C63.10-2020 + Cor. 1-2023+C63.10a-2024 + Errata to C63.10a-2024                                                                                |
| Test Result:          | Pass                                                                                                                                                                        |
| Report Number:        | DLE-260723029R                                                                                                                                                              |

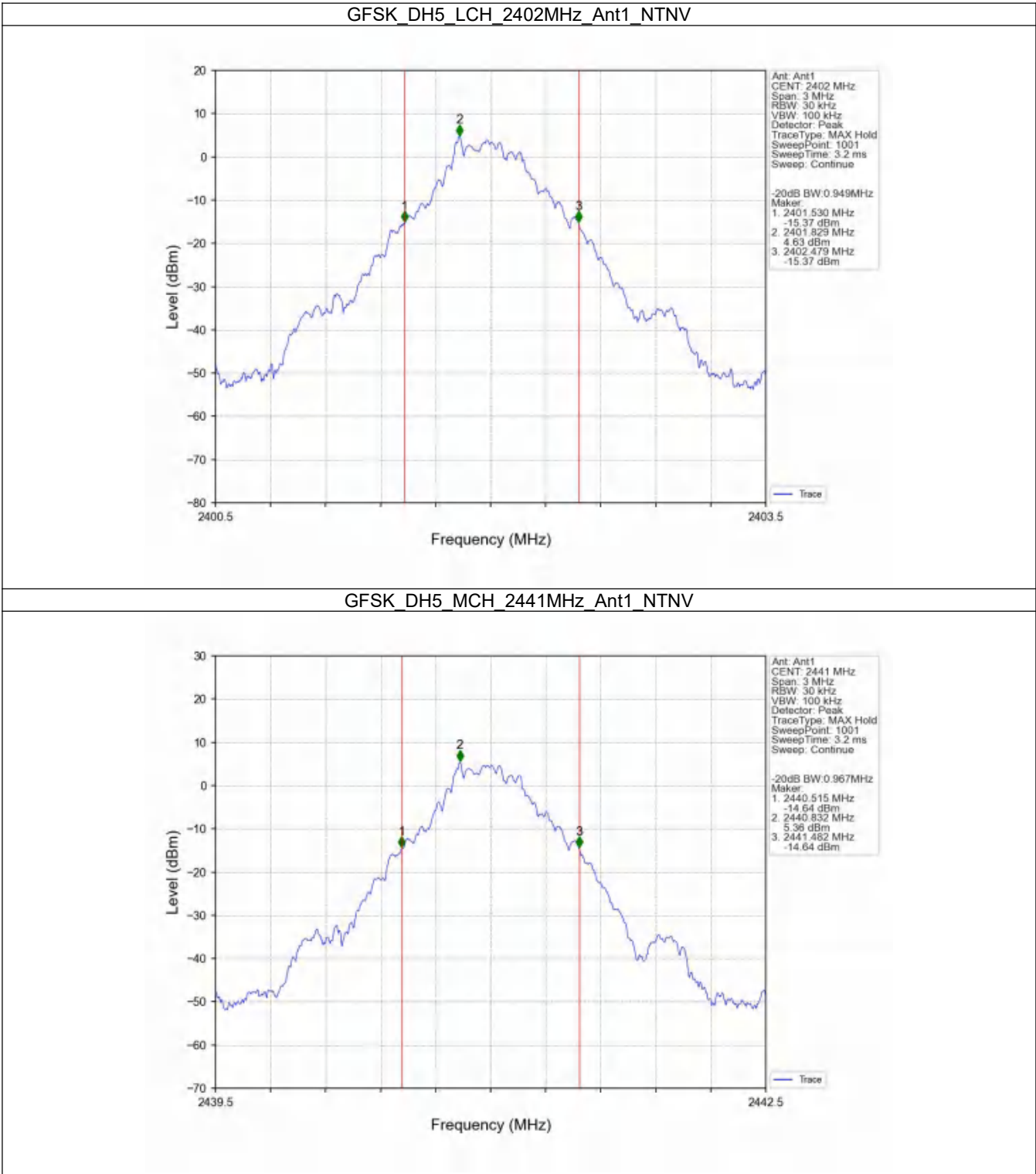
## 1. Bandwidth

### 1.1.1 20dB BW

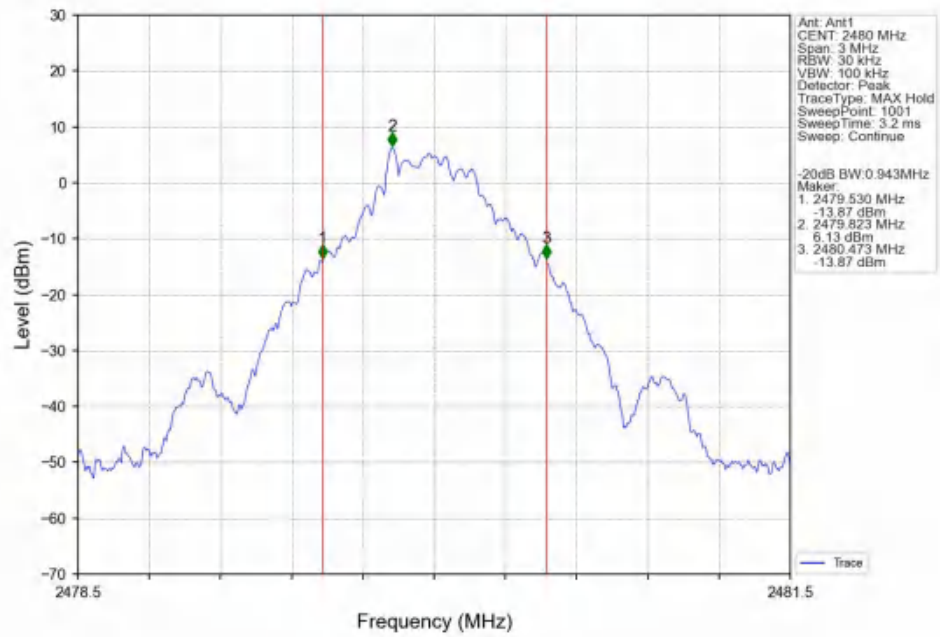
| Mode      | TX Type | Frequency (MHz) | Packet Type | ANT | 20dB Bandwidth (MHz) |       | Verdict |
|-----------|---------|-----------------|-------------|-----|----------------------|-------|---------|
|           |         |                 |             |     | Result               | Limit |         |
| GFSK      | SISO    | 2402            | DH5         | 1   | 0.949                | /     | Pass    |
|           |         | 2441            | DH5         | 1   | 0.967                | /     | Pass    |
|           |         | 2480            | DH5         | 1   | 0.943                | /     | Pass    |
| Pi/4DQPSK | SISO    | 2402            | 2DH5        | 1   | 1.272                | /     | Pass    |
|           |         | 2441            | 2DH5        | 1   | 1.278                | /     | Pass    |
|           |         | 2480            | 2DH5        | 1   | 1.277                | /     | Pass    |
| 8DPSK     | SISO    | 2402            | 3DH5        | 1   | 1.280                | /     | Pass    |
|           |         | 2441            | 3DH5        | 1   | 1.287                | /     | Pass    |
|           |         | 2480            | 3DH5        | 1   | 1.285                | /     | Pass    |

# 1.2 Test Graph

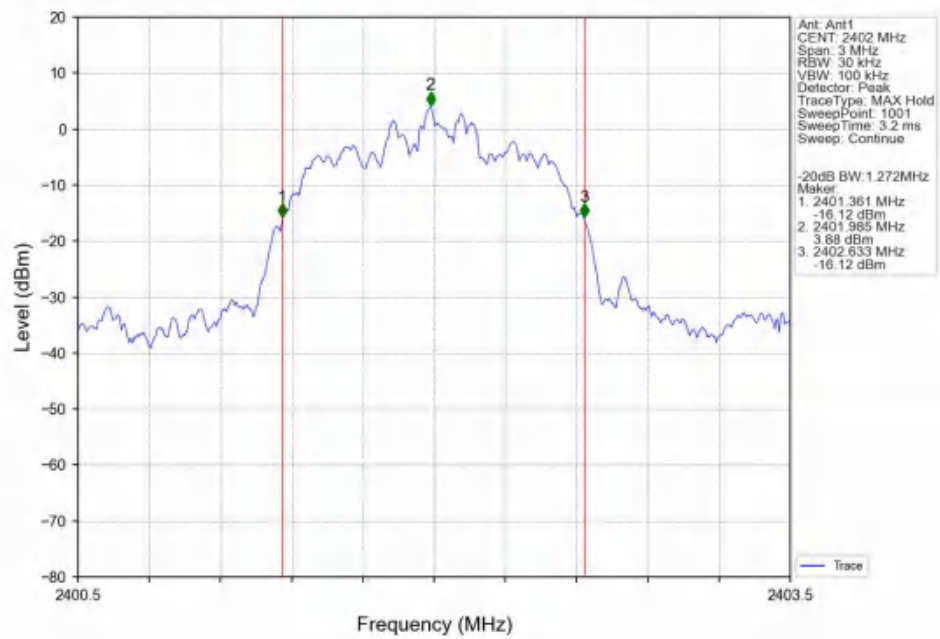
## 1.2.1 20dB BW



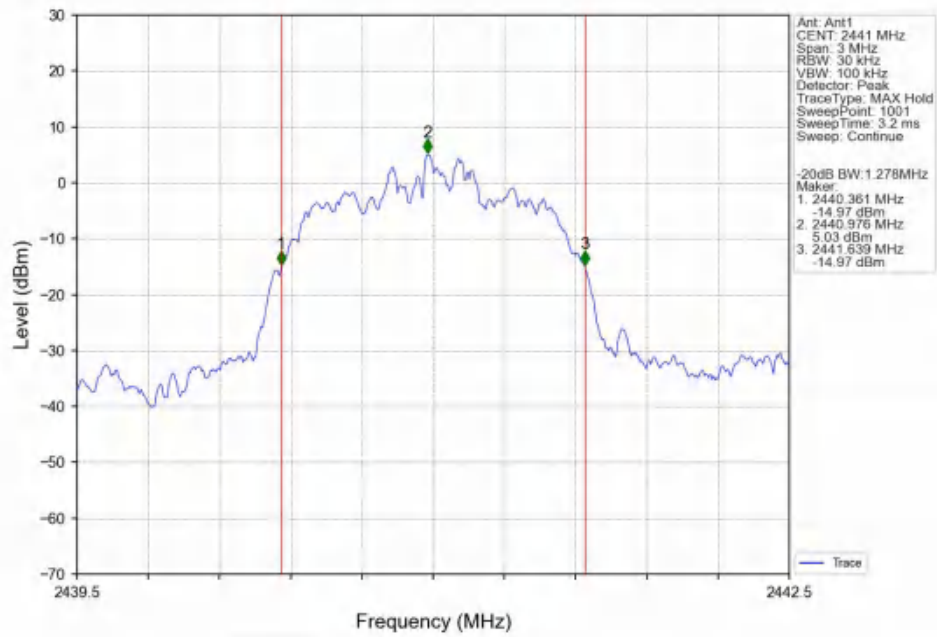
# GFSK DH5\_HCH\_2480MHz\_Ant1\_NTNV



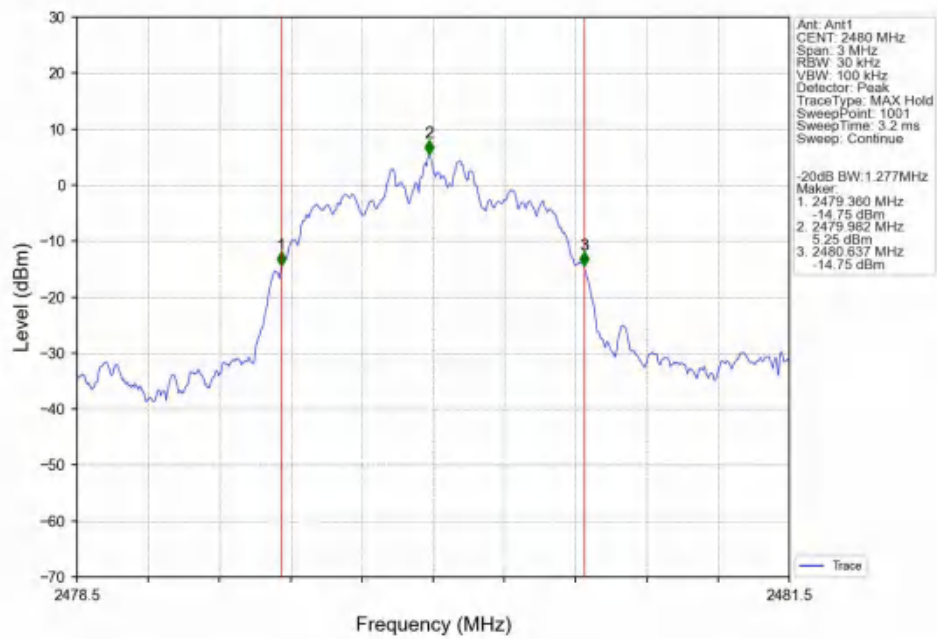
# PI/4DQPSK\_2DH5\_LCH\_2402MHz\_Ant1\_NTNV



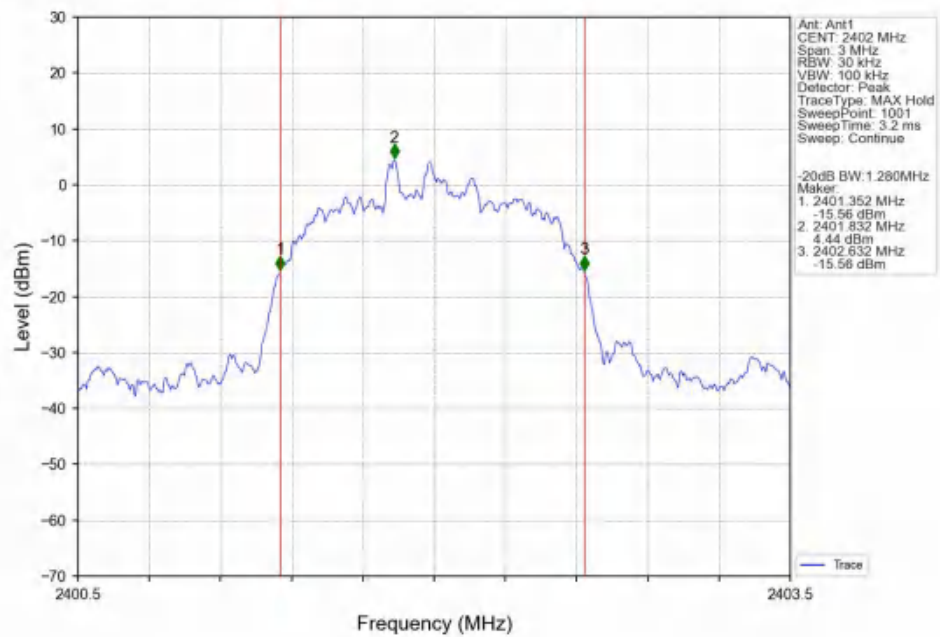
Pi/4DQPSK\_2DH5\_MCH\_2441MHz\_Ant1\_NTNV



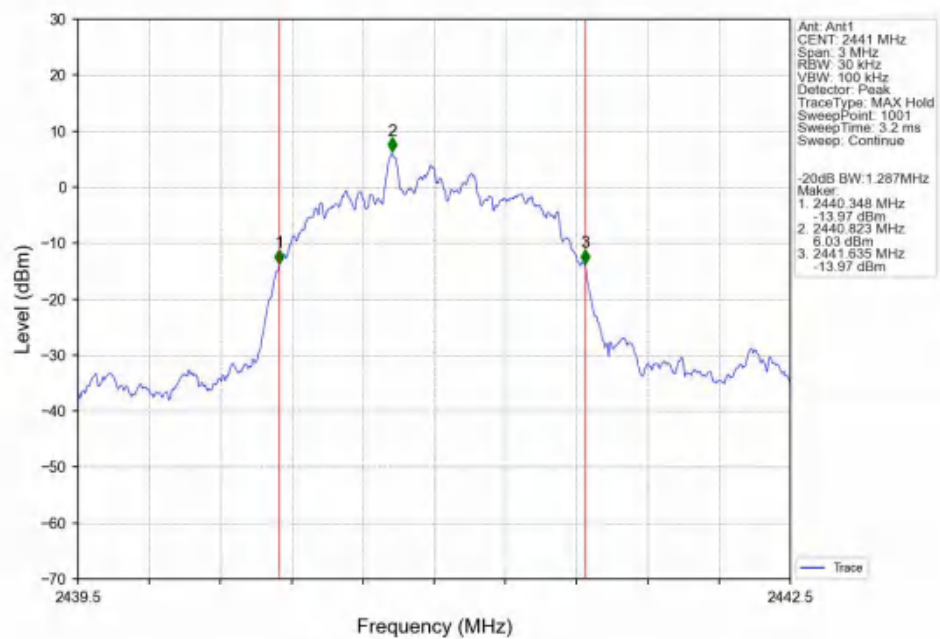
Pi/4DQPSK\_2DH5\_HCH\_2480MHz\_Ant1\_NTNV



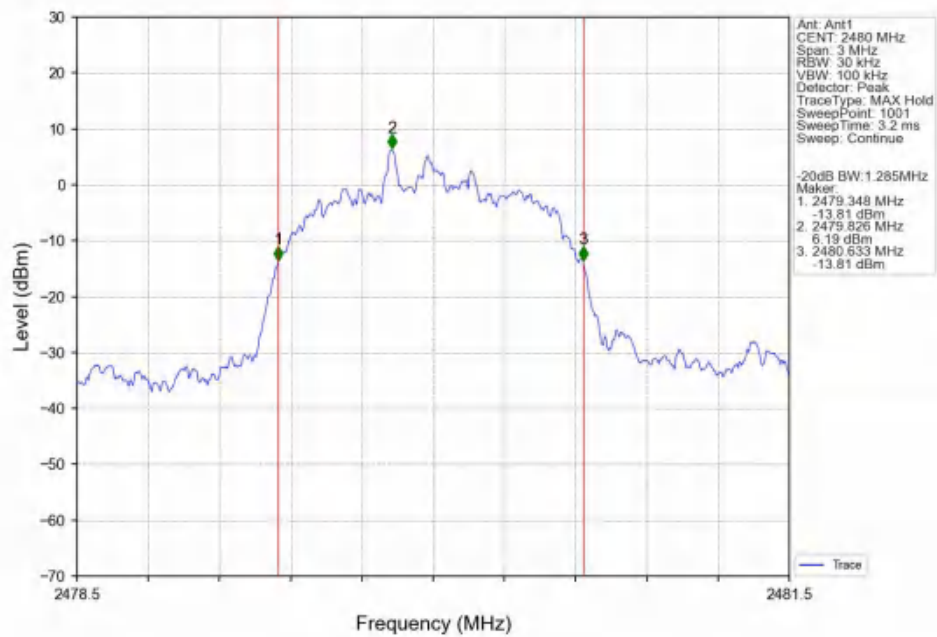
8DPSK\_3DH5\_LCH\_2402MHz\_Ant1\_NTNV



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



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



## 2. Maximum Conducted Output Power

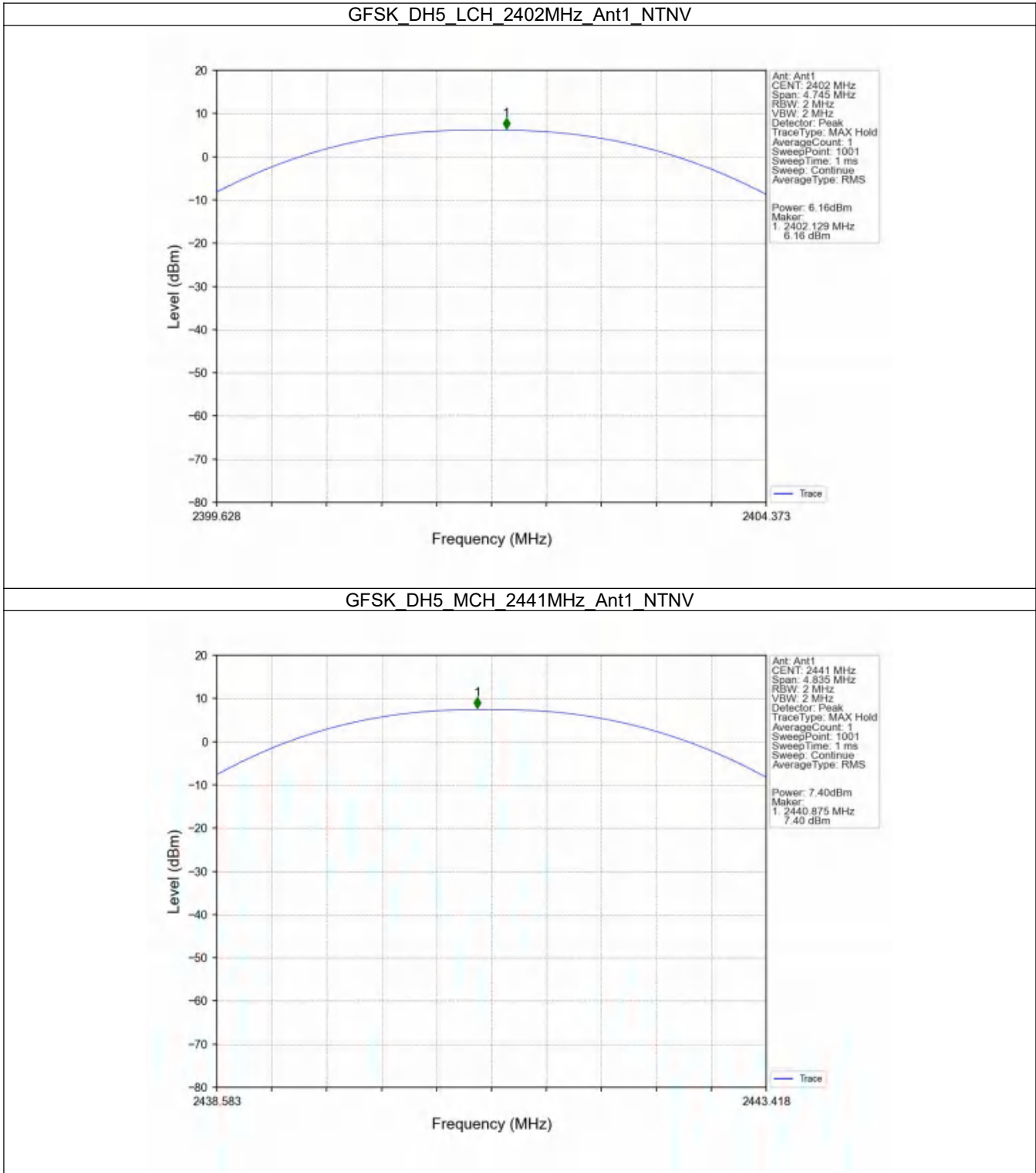
### 2.1 Test Result

#### 2.1.1 Power

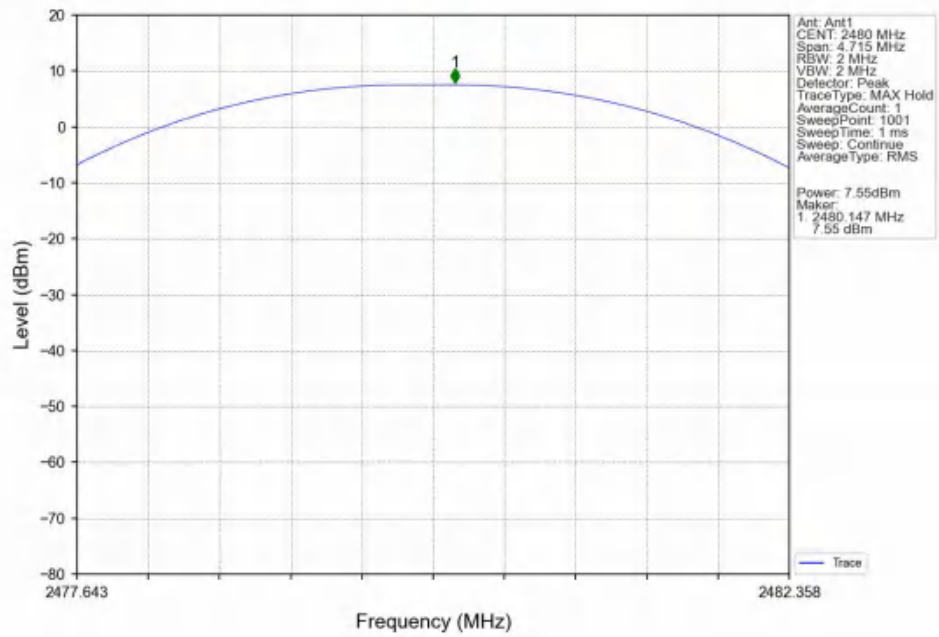
| Mode      | TX Type | Frequency (MHz) | Packet Type | Maximum Peak Conducted Output Power (dBm) |         | Verdict |
|-----------|---------|-----------------|-------------|-------------------------------------------|---------|---------|
|           |         |                 |             | ANT1                                      | Limit   |         |
| GFSK      | SISO    | 2402            | DH5         | 6.16                                      | <=30    | Pass    |
|           |         | 2441            | DH5         | 7.40                                      | <=30    | Pass    |
|           |         | 2480            | DH5         | 7.55                                      | <=30    | Pass    |
| Pi/4DQPSK | SISO    | 2402            | 2DH5        | 7.05                                      | <=20.97 | Pass    |
|           |         | 2441            | 2DH5        | 8.02                                      | <=20.97 | Pass    |
|           |         | 2480            | 2DH5        | 8.17                                      | <=20.97 | Pass    |
| 8DPSK     | SISO    | 2402            | 3DH5        | 7.36                                      | <=20.97 | Pass    |
|           |         | 2441            | 3DH5        | 8.23                                      | <=20.97 | Pass    |
|           |         | 2480            | 3DH5        | 8.36                                      | <=20.97 | Pass    |

2.2 Test Graph

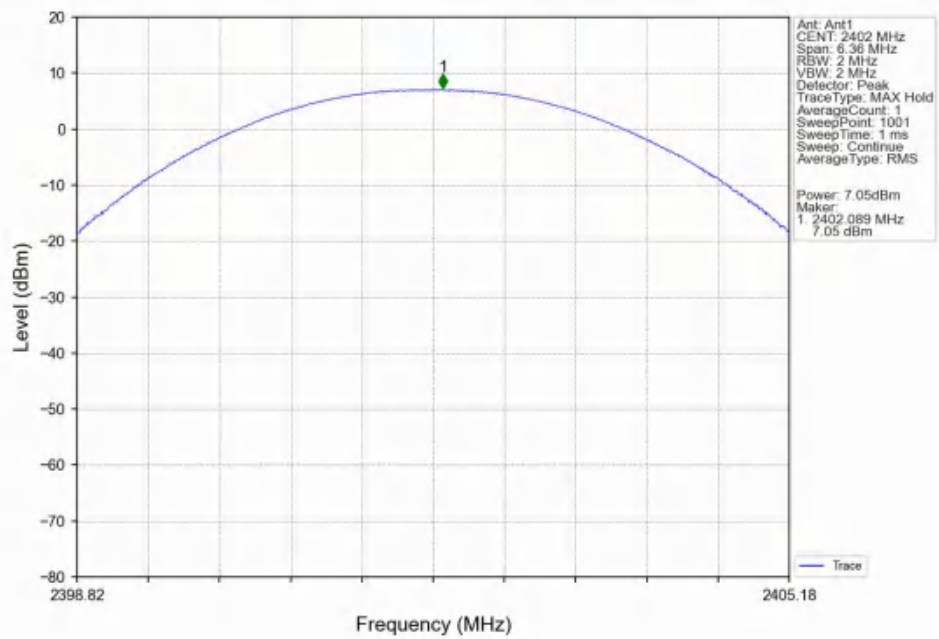
2.2.1 Power



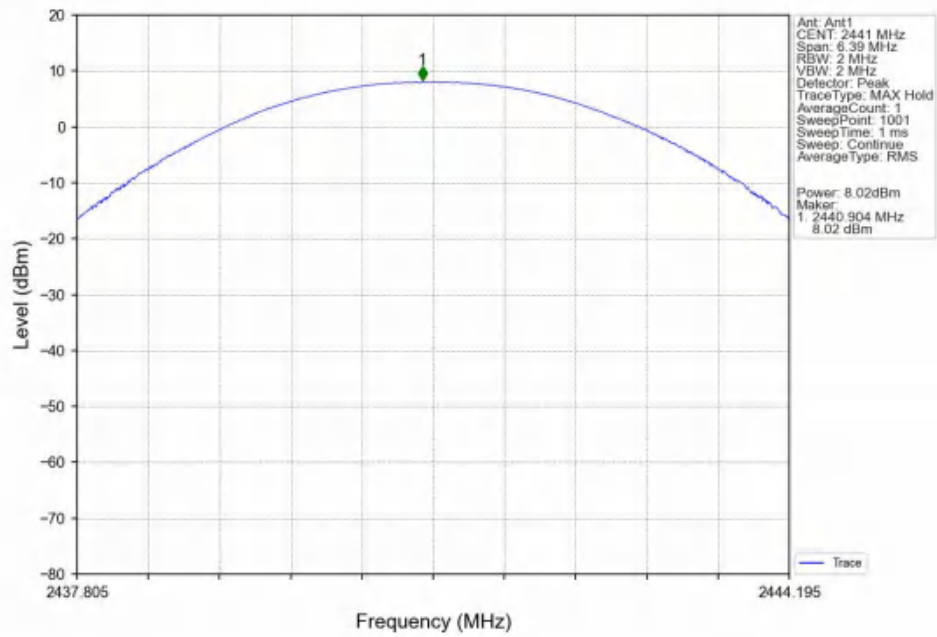
# GFSK DH5\_HCH\_2480MHz\_Ant1\_NTNV



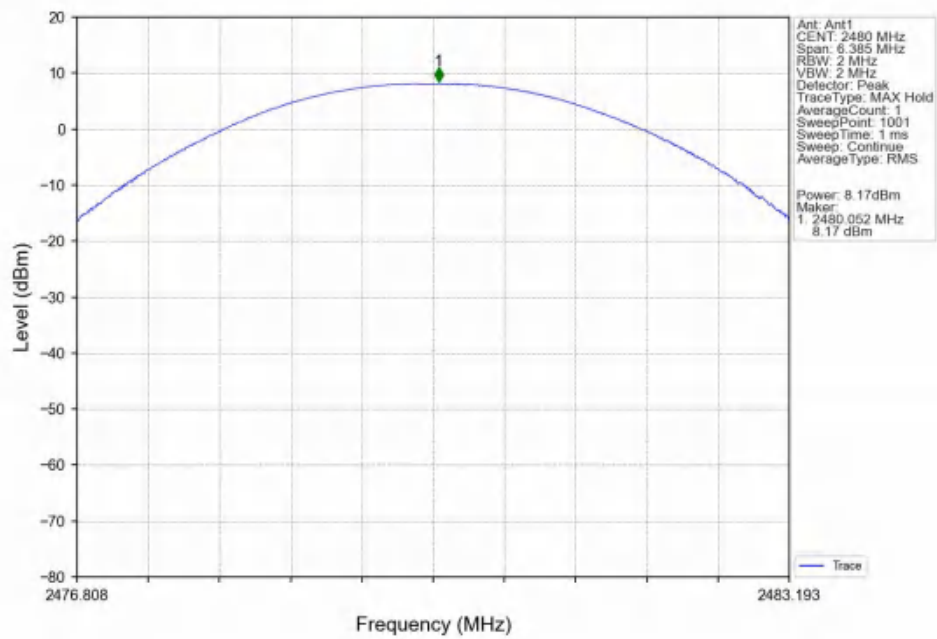
# Pi/4DQPSK\_2DH5\_LCH\_2402MHz\_Ant1\_NTNV



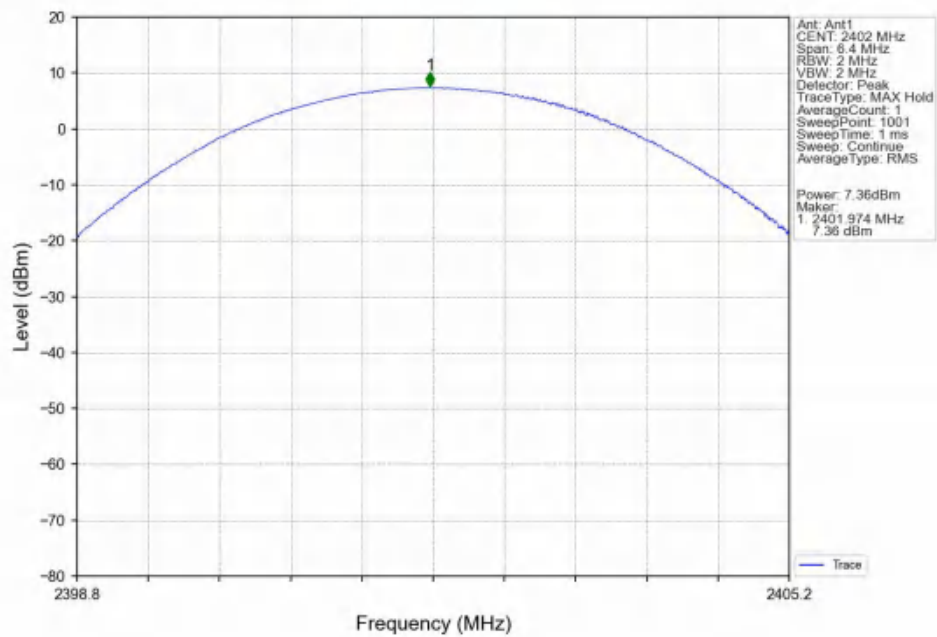
Pi/4DQPSK\_2DH5\_MCH\_2441MHz\_Ant1\_NTNV



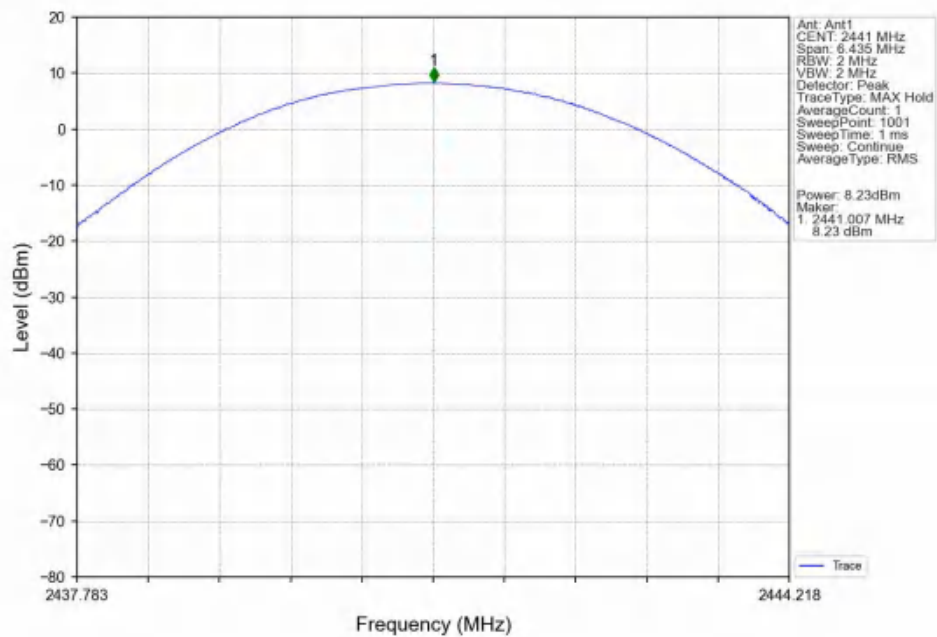
Pi/4DQPSK\_2DH5\_HCH\_2480MHz\_Ant1\_NTNV



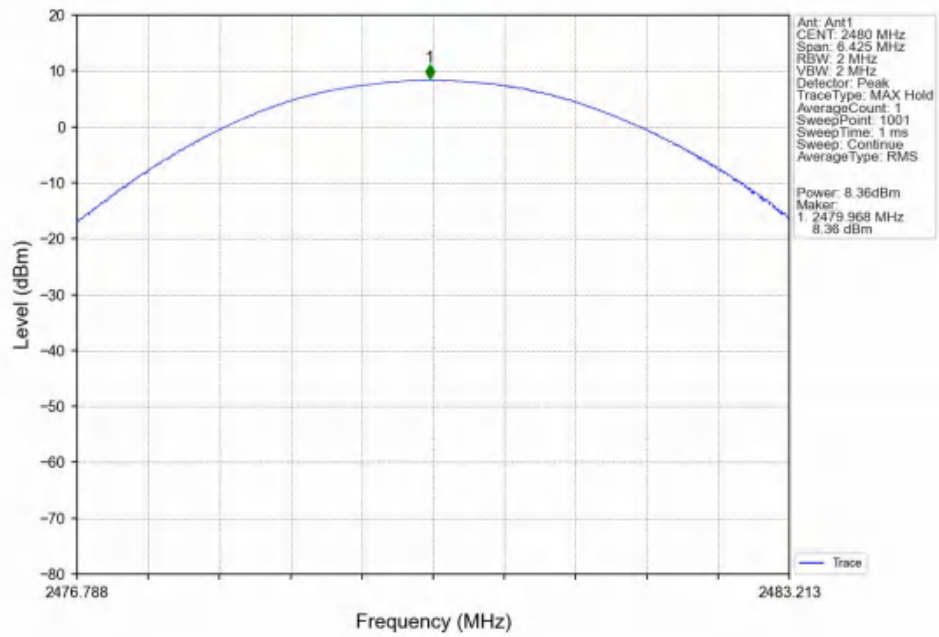
8DPSK\_3DH5\_LCH\_2402MHz\_Ant1\_NTNV



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



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



### 3. Carrier Frequency Separation

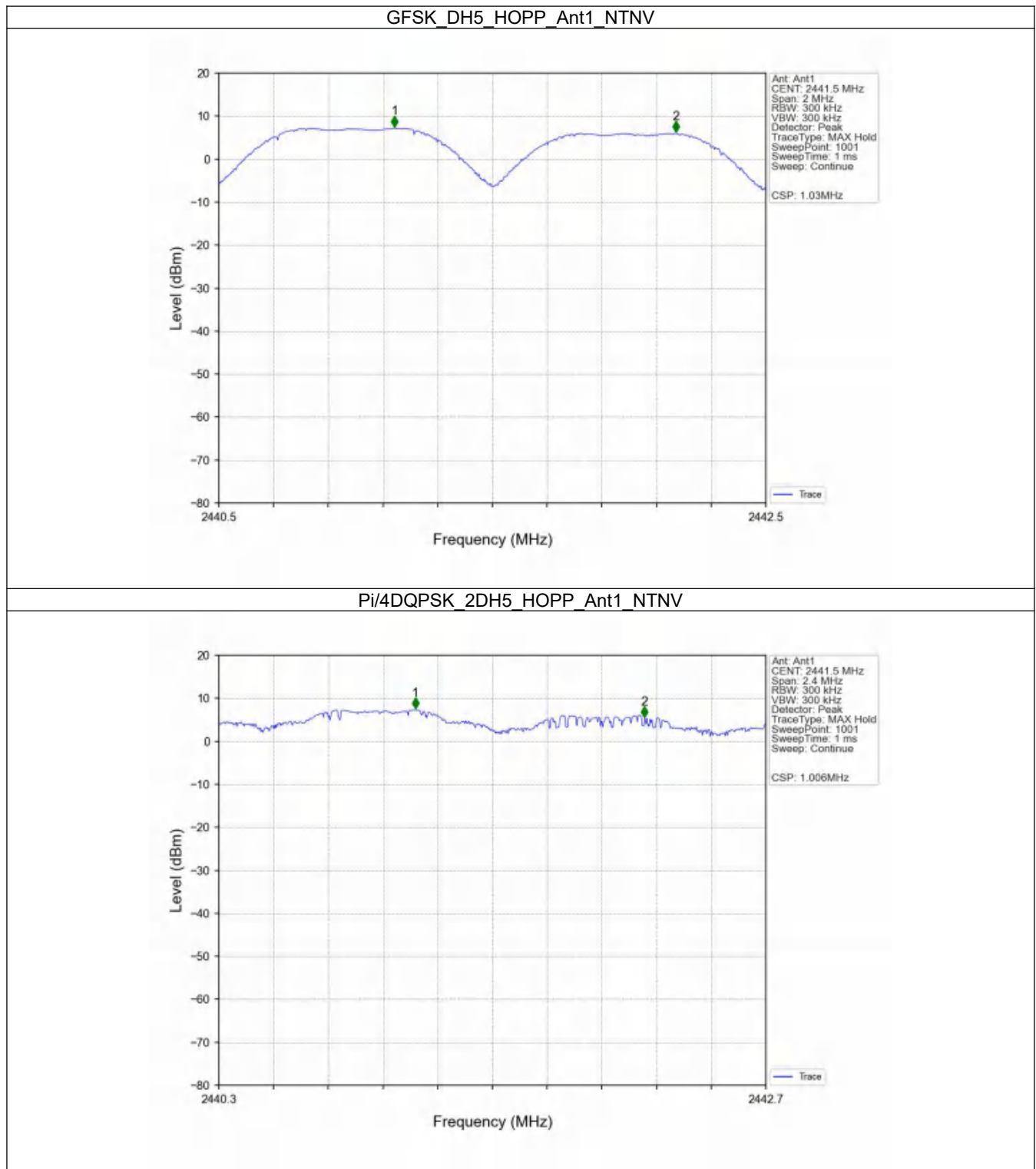
#### 3.1 Test Result

##### 3.1.1 Ant1

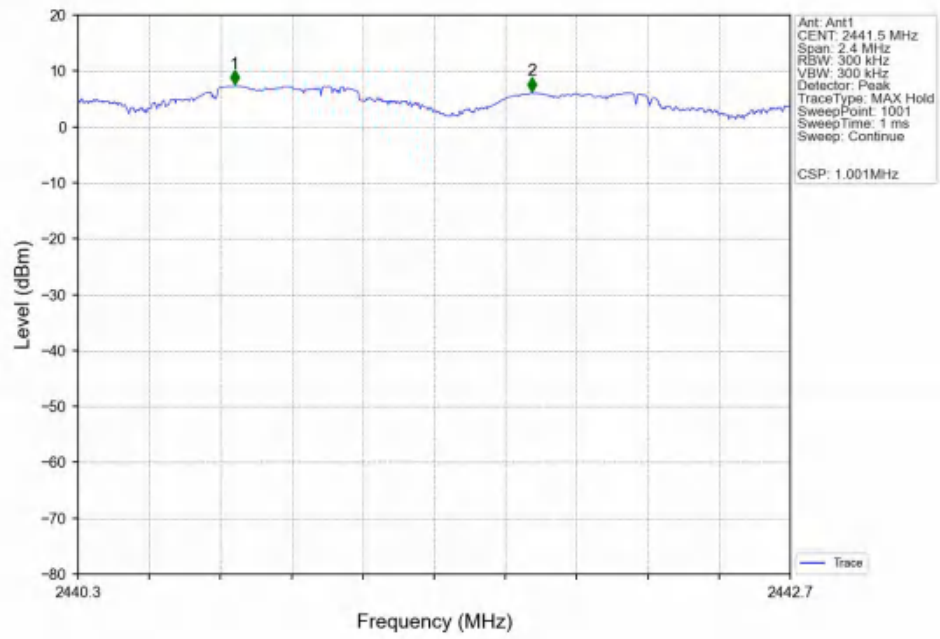
| Ant1      |         |                 |             |                          |                      |              |         |
|-----------|---------|-----------------|-------------|--------------------------|----------------------|--------------|---------|
| Mode      | TX Type | Frequency (MHz) | Packet Type | Channel Separation (MHz) | 20dB Bandwidth (MHz) | Limit (MHz)  | Verdict |
| GFSK      | SISO    | HOPP            | DH5         | 1.030                    | 0.967                | $\geq 0.967$ | Pass    |
| Pi/4DQPSK | SISO    | HOPP            | 2DH5        | 1.006                    | 1.278                | $\geq 0.852$ | Pass    |
| 8DPSK     | SISO    | HOPP            | 3DH5        | 1.001                    | 1.287                | $\geq 0.858$ | Pass    |

## 3.2 Test Graph

### 3.2.1 Ant1



# 8DPSK\_3DH5\_HOPP\_Ant1\_NTNV



## 4. Number of Hopping Frequencies

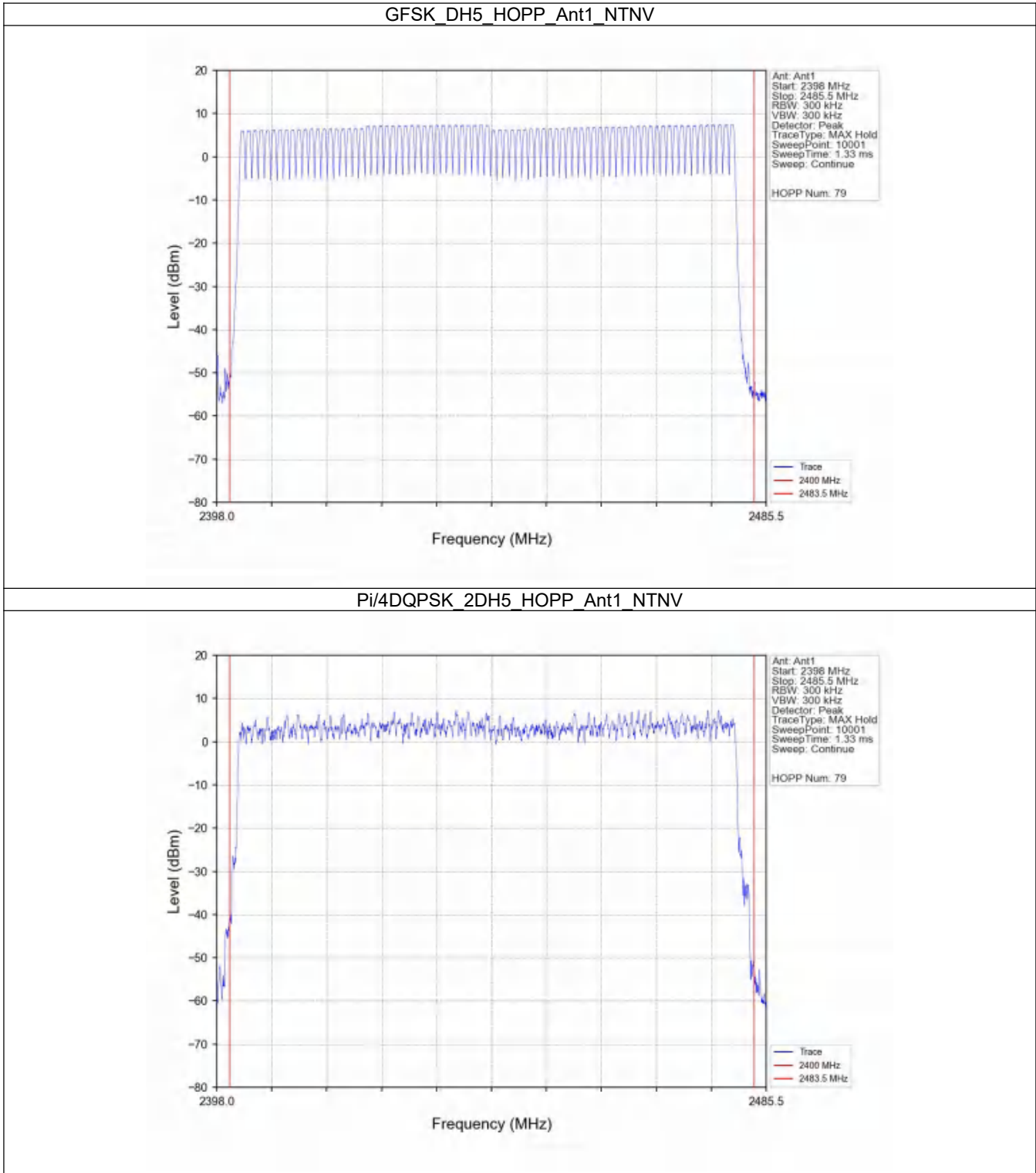
### 4.1 Test Result

#### 4.1.1 HoppNum

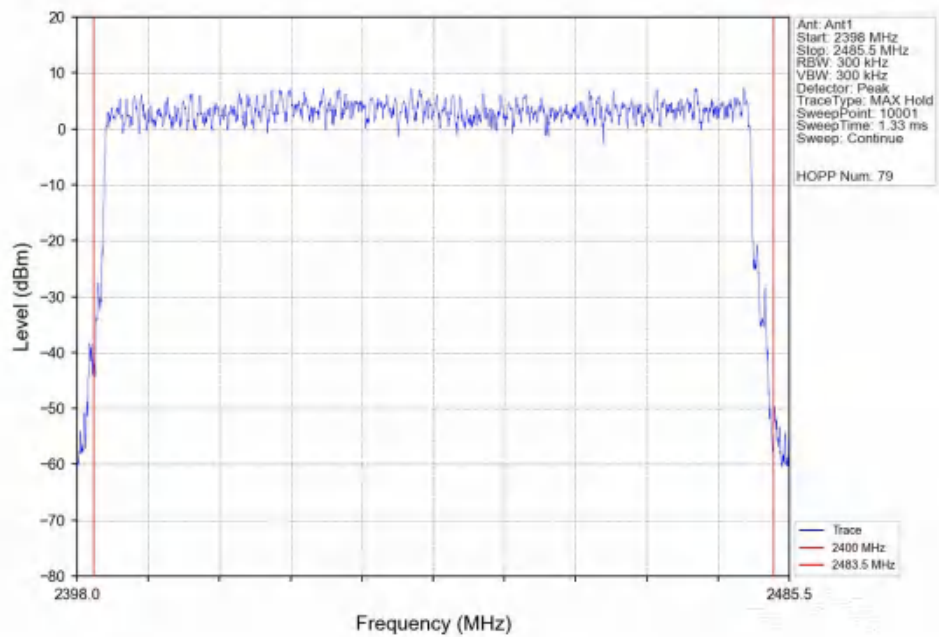
| Mode      | TX Type | Frequency (MHz) | Packet Type | Num of Hopping Frequencies |       | Verdict |
|-----------|---------|-----------------|-------------|----------------------------|-------|---------|
|           |         |                 |             | ANT1                       | Limit |         |
| 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)

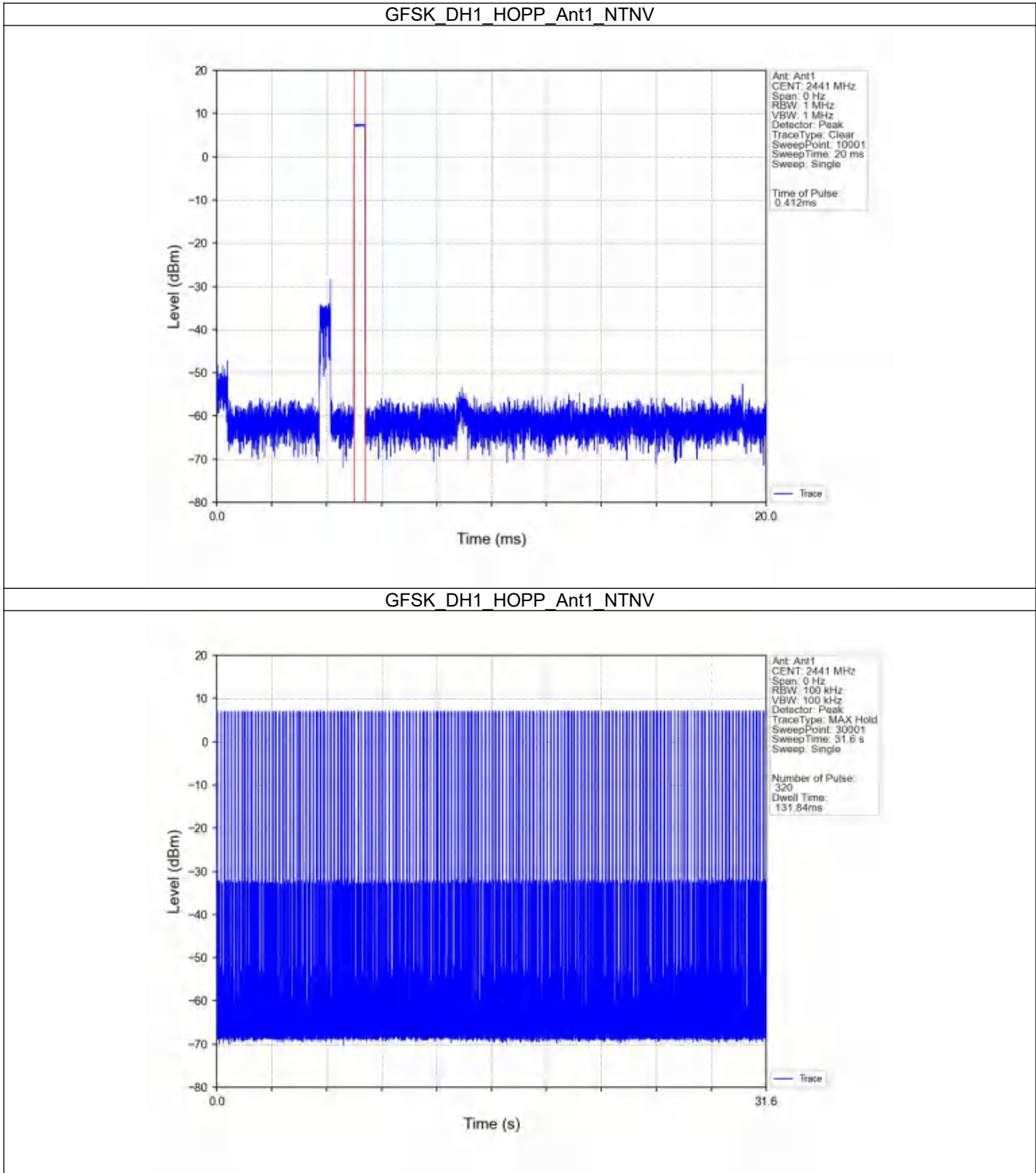
### 5.1 Test Result

#### 5.1.1 Ant1

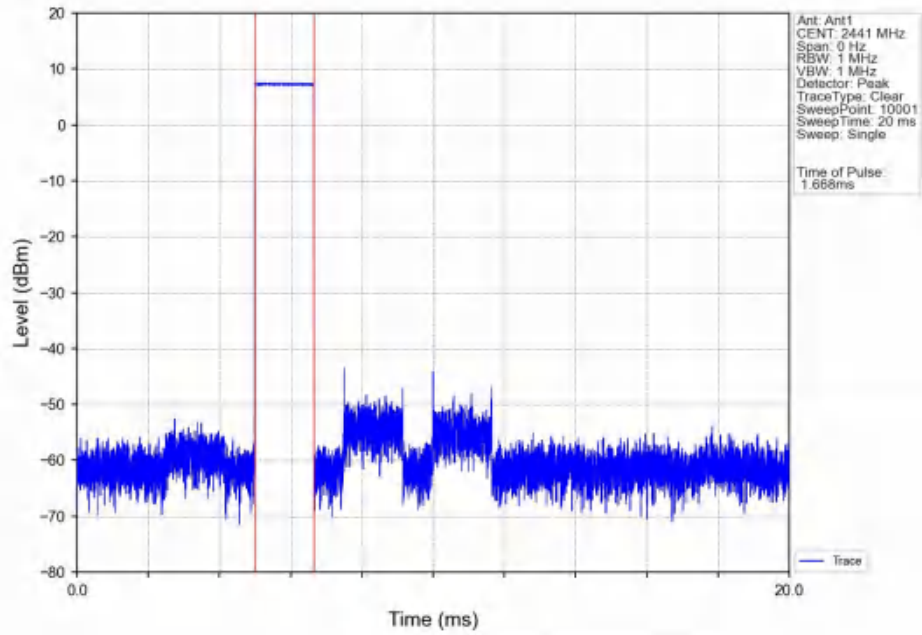
| Ant1      |         |                 |             |                               |                        |                                    |                 |            |         |
|-----------|---------|-----------------|-------------|-------------------------------|------------------------|------------------------------------|-----------------|------------|---------|
| 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         | 0.412                         | 31.600                 | 320                                | 131.840         | <=400      | Pass    |
|           |         |                 | DH3         | 1.668                         | 31.600                 | 168                                | 280.224         | <=400      | Pass    |
|           |         |                 | DH5         | 2.916                         | 31.600                 | 111                                | 323.676         | <=400      | Pass    |
| Pi/4DQPSK | SISO    | HOPP            | 2DH1        | 0.420                         | 31.600                 | 320                                | 134.400         | <=400      | Pass    |
|           |         |                 | 2DH3        | 1.672                         | 31.600                 | 169                                | 282.568         | <=400      | Pass    |
|           |         |                 | 2DH5        | 2.922                         | 31.600                 | 110                                | 321.420         | <=400      | Pass    |
| 8DPSK     | SISO    | HOPP            | 3DH1        | 0.410                         | 31.600                 | 320                                | 131.200         | <=400      | Pass    |
|           |         |                 | 3DH3        | 1.674                         | 31.600                 | 169                                | 282.906         | <=400      | Pass    |
|           |         |                 | 3DH5        | 2.926                         | 31.600                 | 98                                 | 286.748         | <=400      | Pass    |

5.2 Test Graph

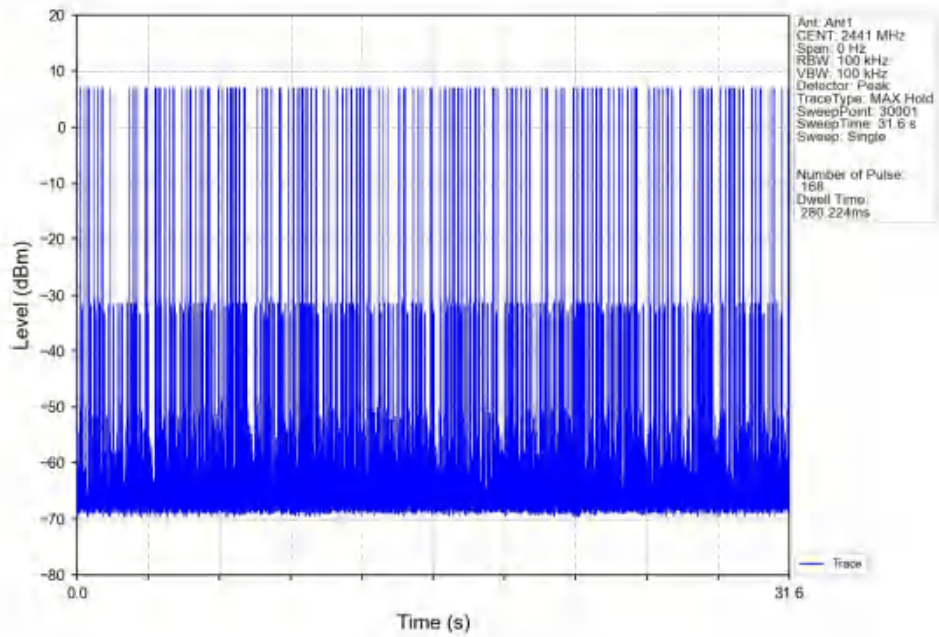
5.2.1 Ant1



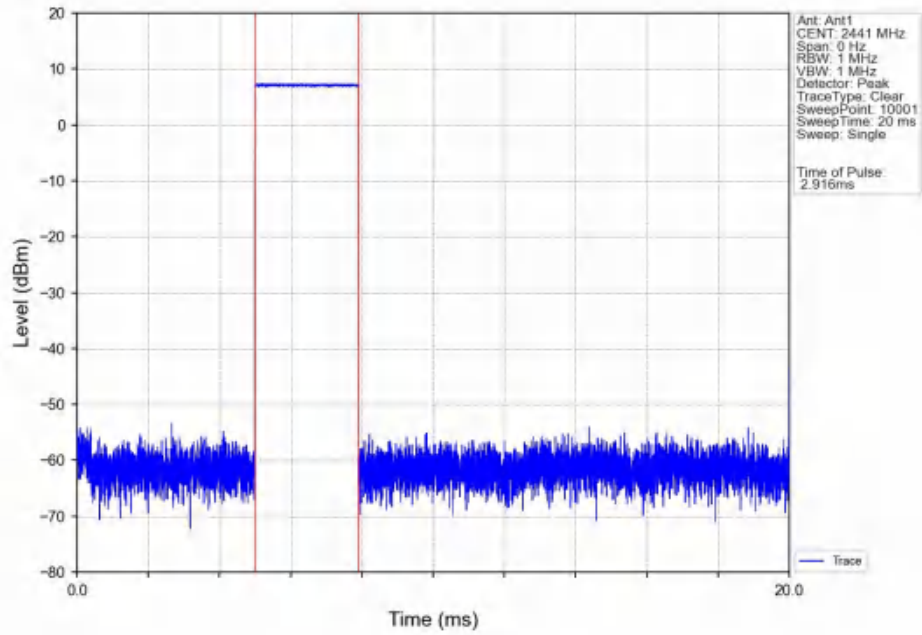
# GFSK\_DH3\_HOPP\_Ant1\_NTNV



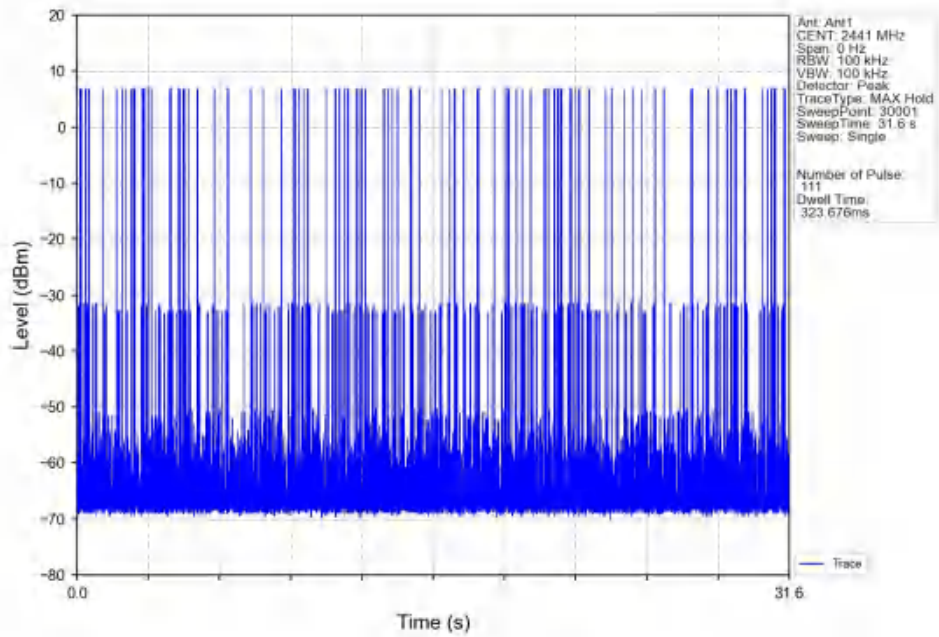
# GFSK\_DH3\_HOPP\_Ant1\_NTNV



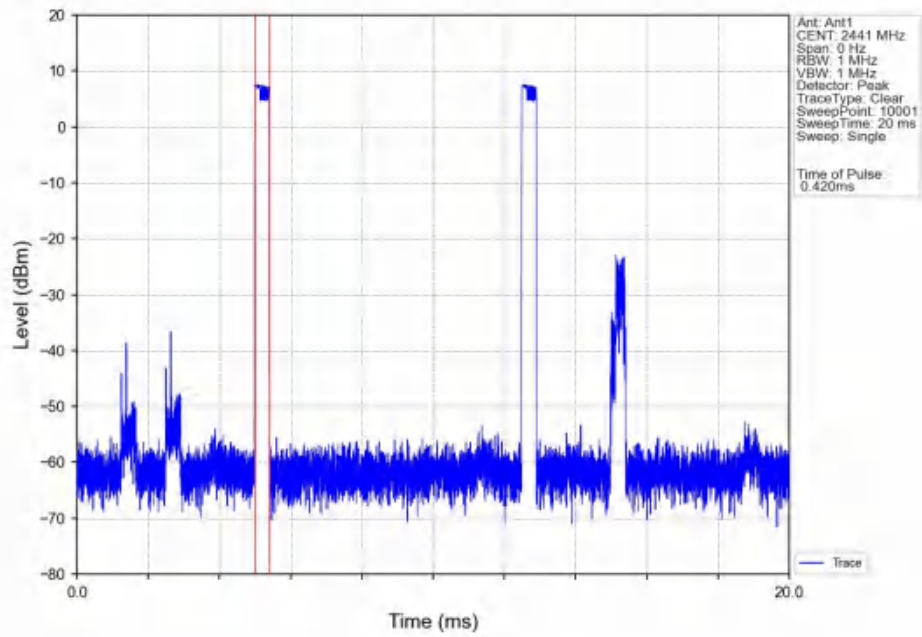
# GFSK\_DH5\_HOPP\_Ant1\_NTNV



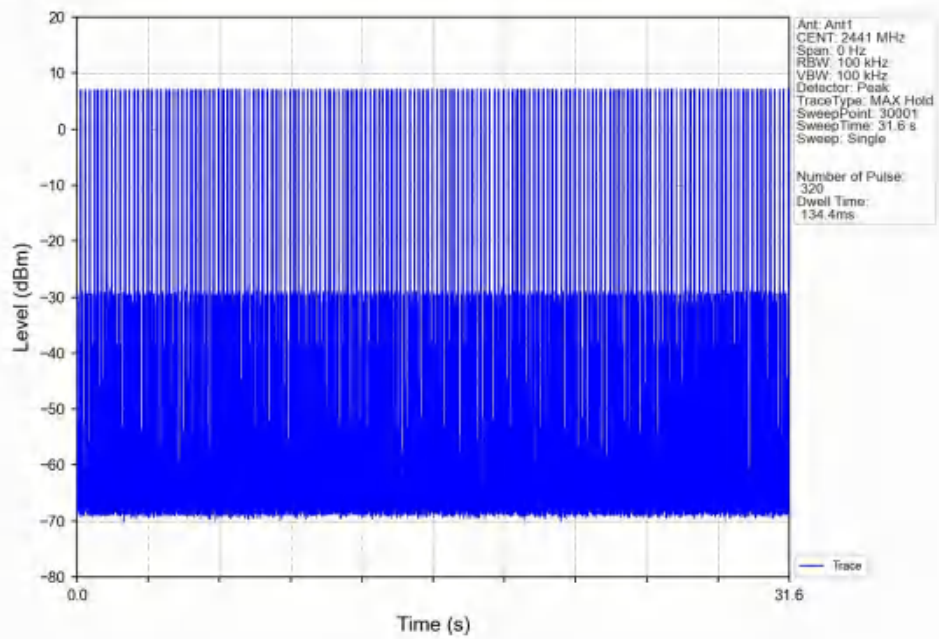
# GFSK\_DH5\_HOPP\_Ant1\_NTNV



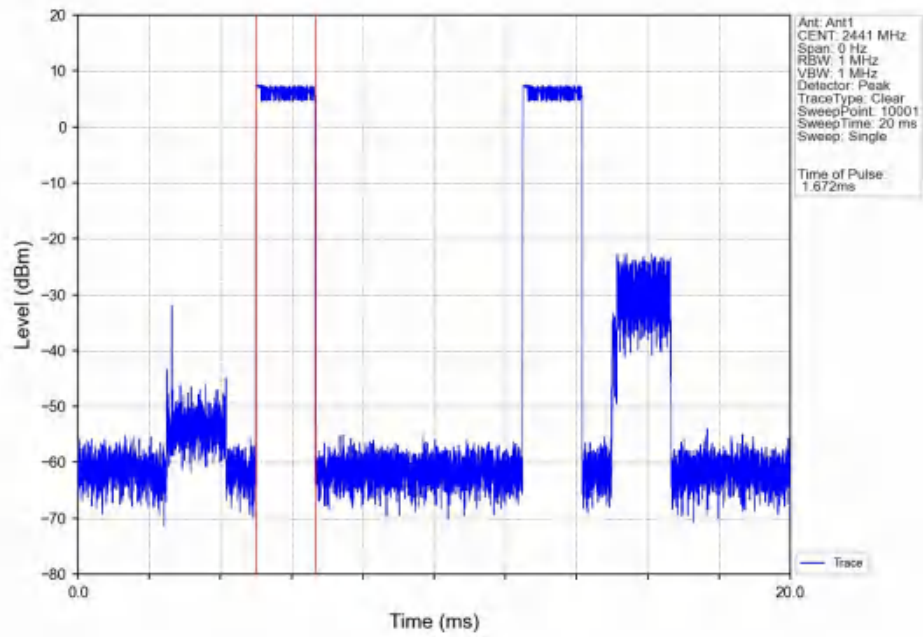
Pi/4DQPSK\_2DH1\_HOPP\_Ant1\_NTNV



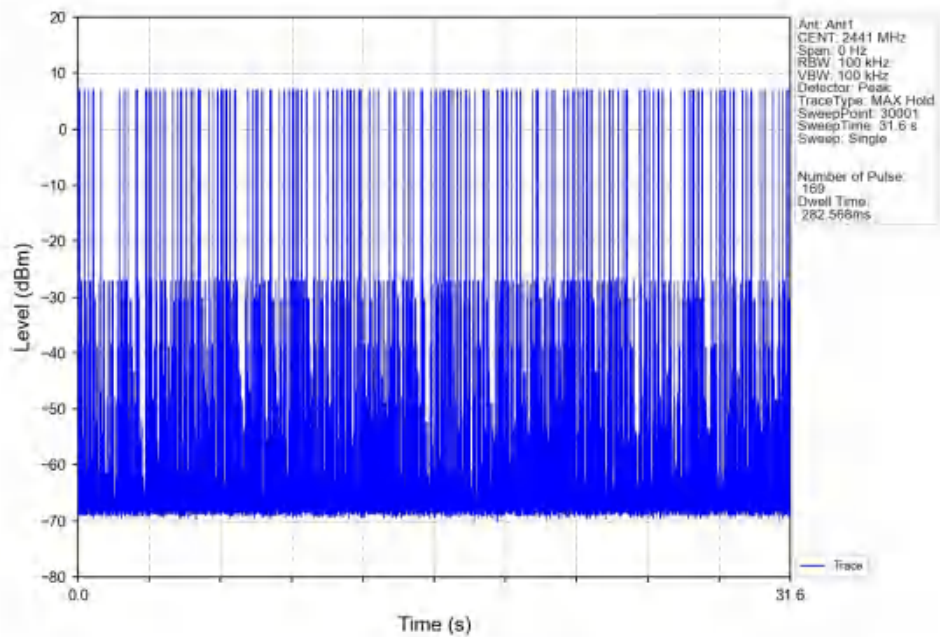
Pi/4DQPSK\_2DH1\_HOPP\_Ant1\_NTNV



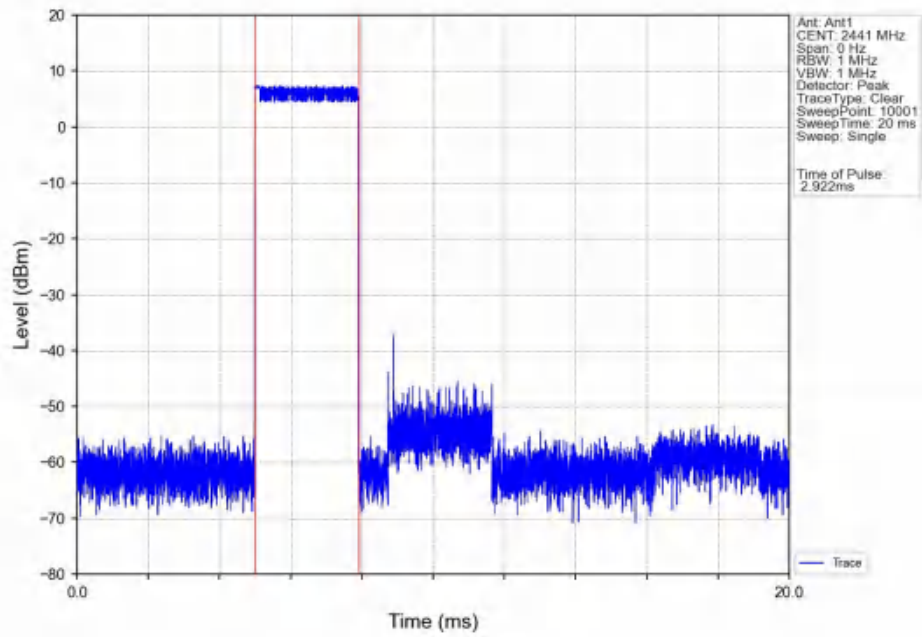
# Pi/4DQPSK\_2DH3\_HOPP\_Ant1\_NTNV



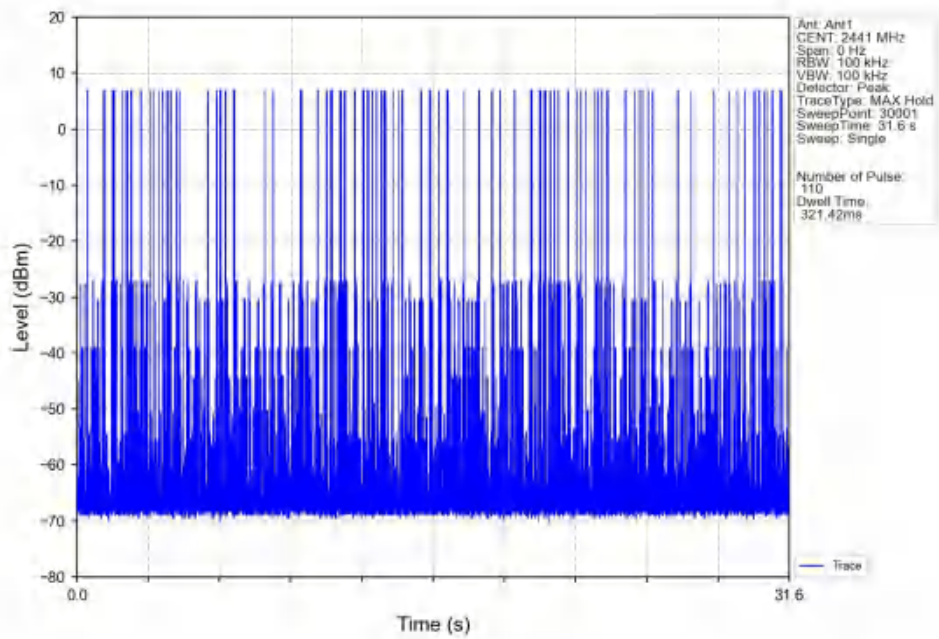
# Pi/4DQPSK\_2DH3\_HOPP\_Ant1\_NTNV



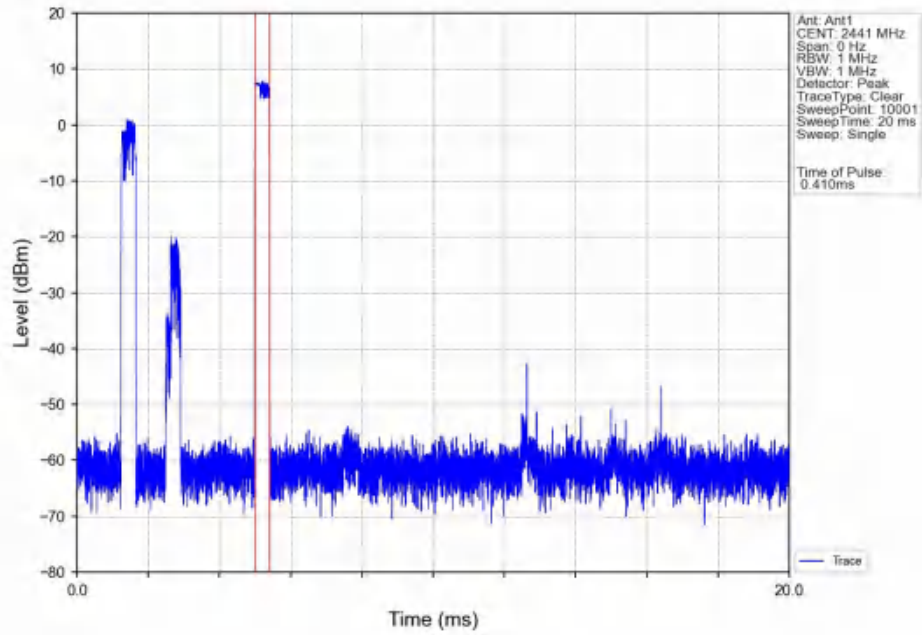
Pi/4DQPSK\_2DH5\_HOPP\_Ant1\_NTNV



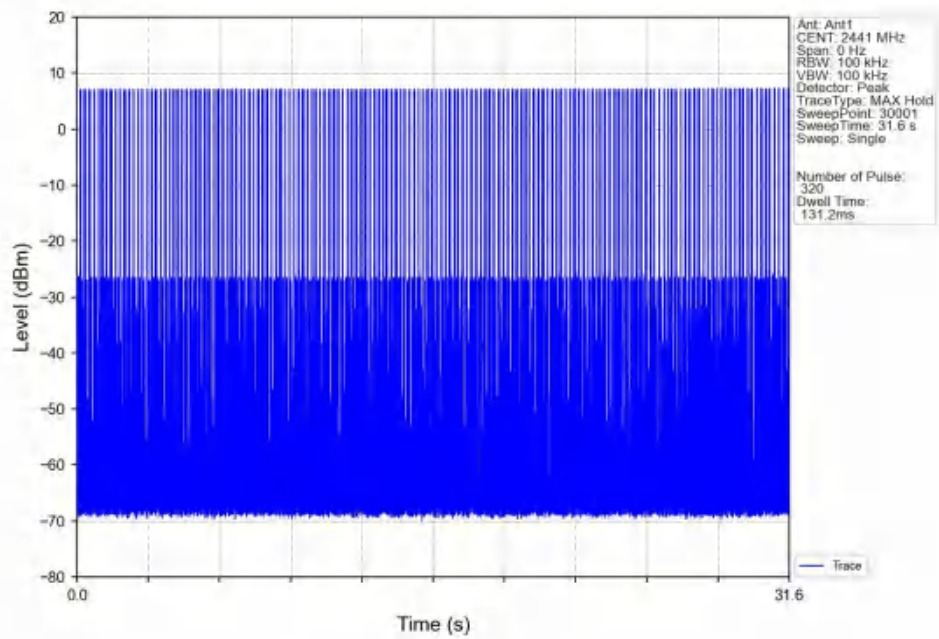
Pi/4DQPSK\_2DH5\_HOPP\_Ant1\_NTNV



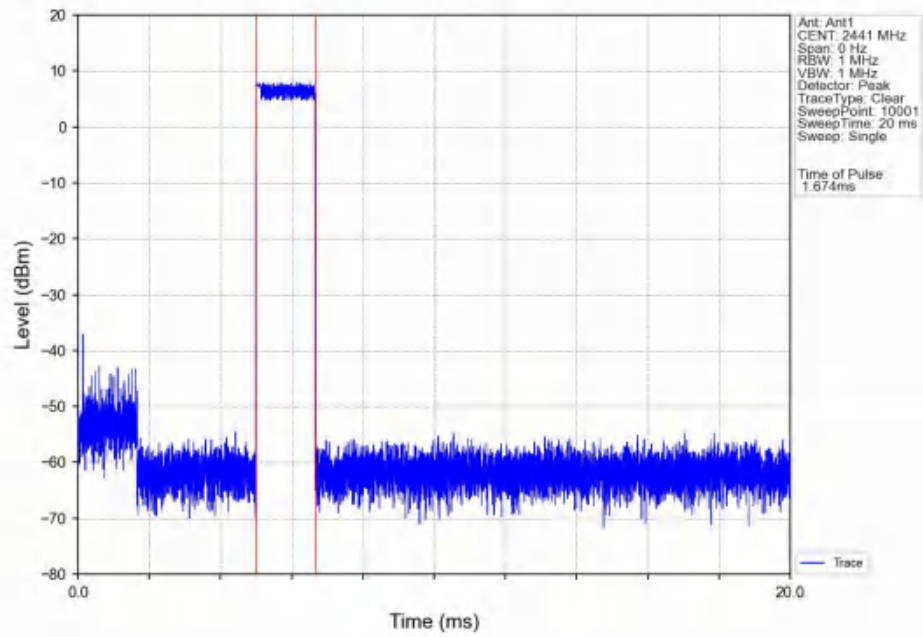
# 8DPSK\_3DH1\_HOPP\_Ant1\_NTNV



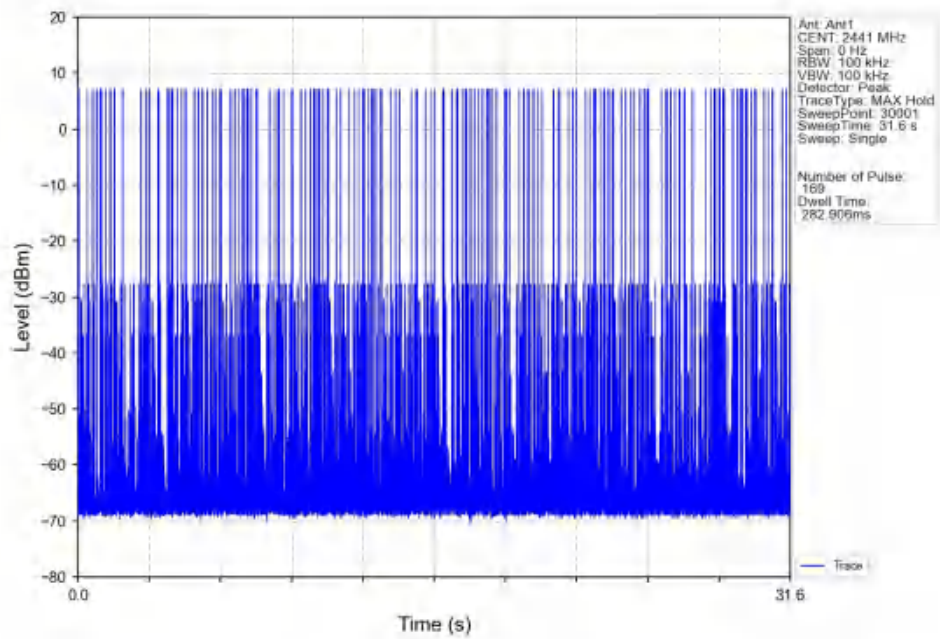
# 8DPSK\_3DH1\_HOPP\_Ant1\_NTNV



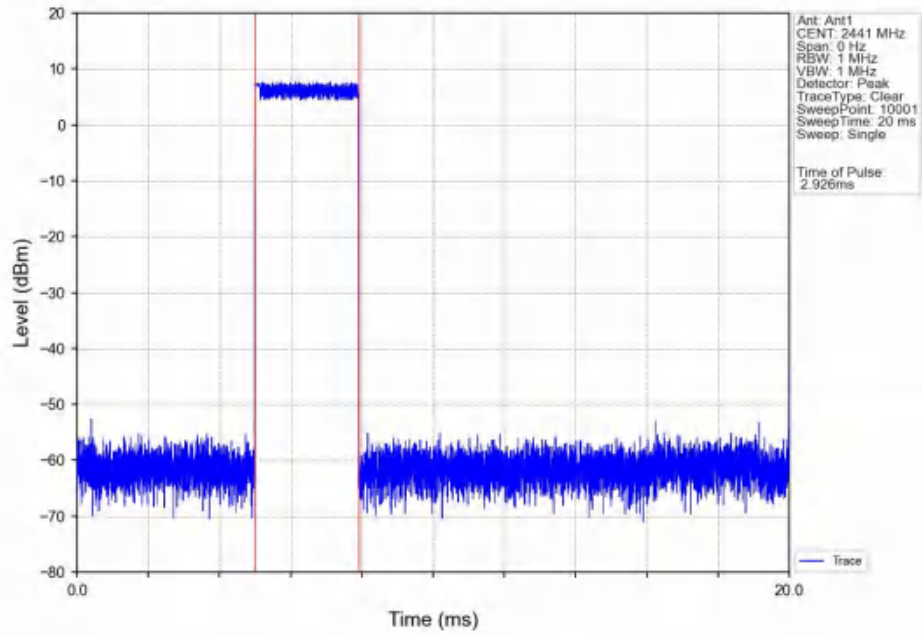
# 8DPSK\_3DH3\_HOPP\_Ant1\_NTNV



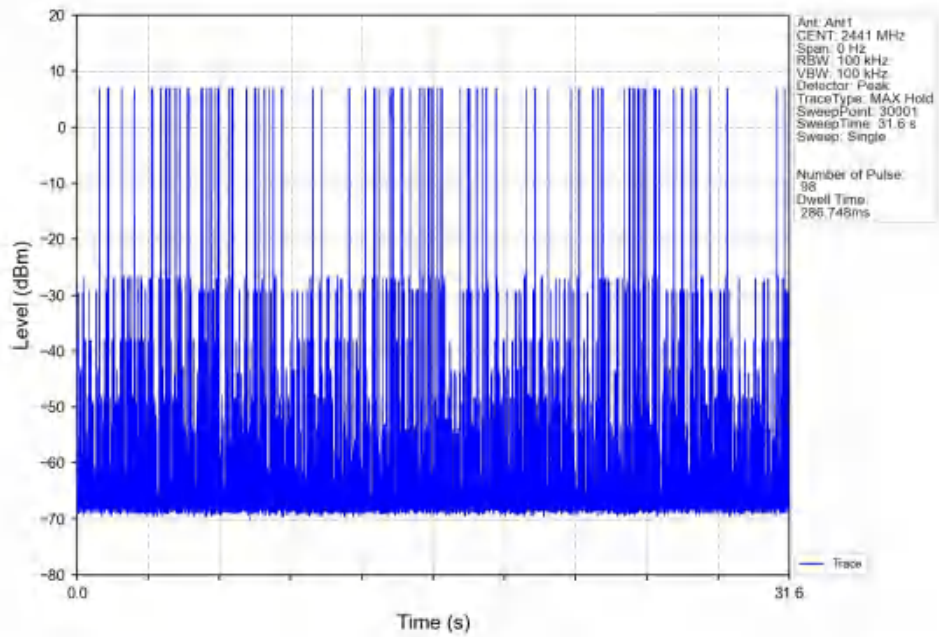
# 8DPSK\_3DH3\_HOPP\_Ant1\_NTNV



# 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

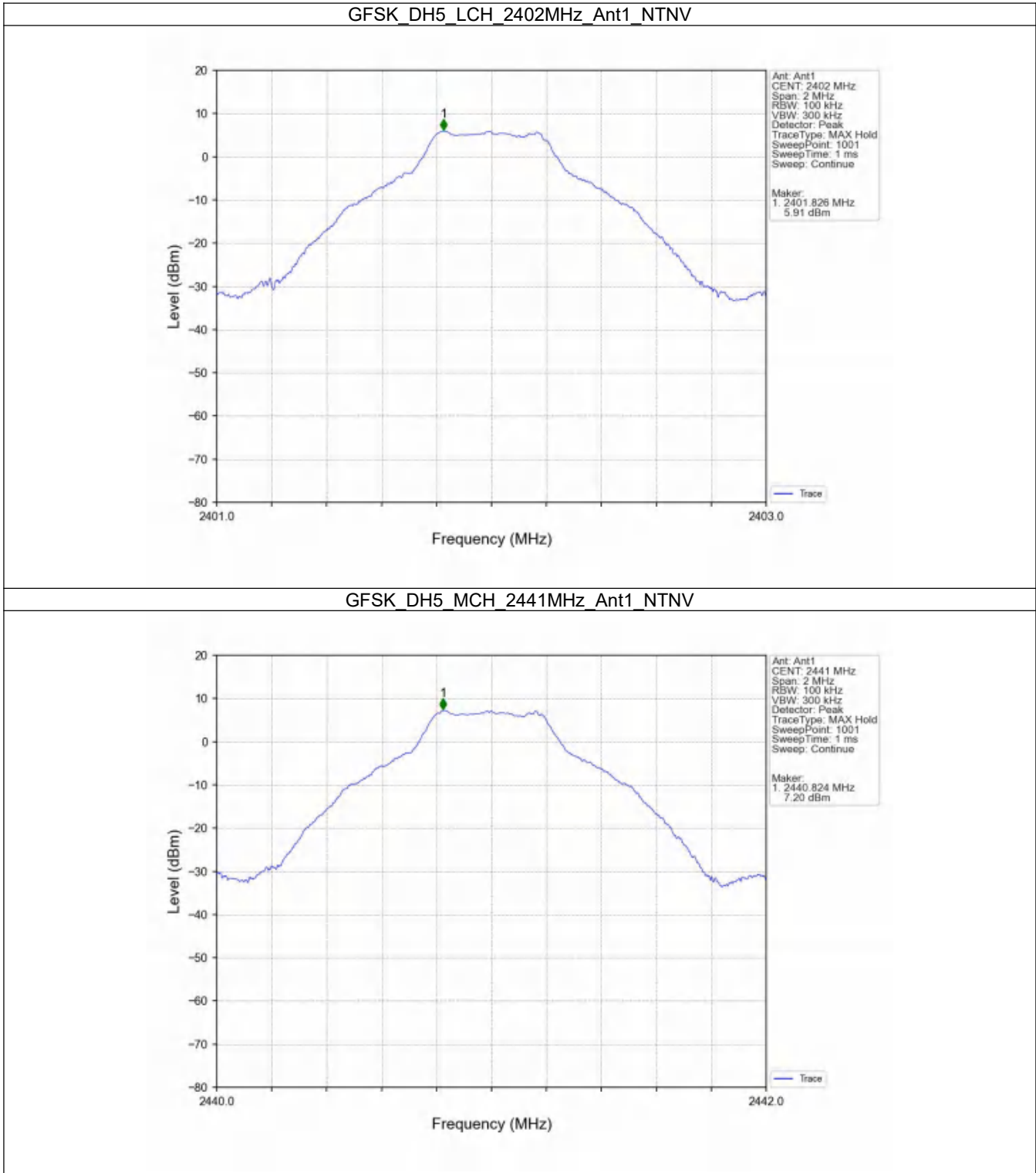
| Mode      | TX Type | Frequency (MHz) | Packet Type | ANT | Level of Reference (dBm) |
|-----------|---------|-----------------|-------------|-----|--------------------------|
| GFSK      | SISO    | 2402            | DH5         | 1   | 5.91                     |
|           |         | 2441            | DH5         | 1   | 7.20                     |
|           |         | 2480            | DH5         | 1   | 7.33                     |
|           |         | HOPP            | DH5         | 1   | 7.17                     |
|           |         |                 |             |     | 7.17                     |
| Pi/4DQPSK | SISO    | 2402            | 2DH5        | 1   | 5.85                     |
|           |         | 2441            | 2DH5        | 1   | 7.06                     |
|           |         | 2480            | 2DH5        | 1   | 7.30                     |
|           |         | HOPP            | 2DH5        | 1   | 7.15                     |
|           |         |                 |             |     | 7.15                     |
| 8DPSK     | SISO    | 2402            | 3DH5        | 1   | 5.97                     |
|           |         | 2441            | 3DH5        | 1   | 7.25                     |
|           |         | 2480            | 3DH5        | 1   | 7.37                     |
|           |         | HOPP            | 3DH5        | 1   | 7.13                     |
|           |         |                 |             |     | 7.13                     |

#### 6.1.2 CSE

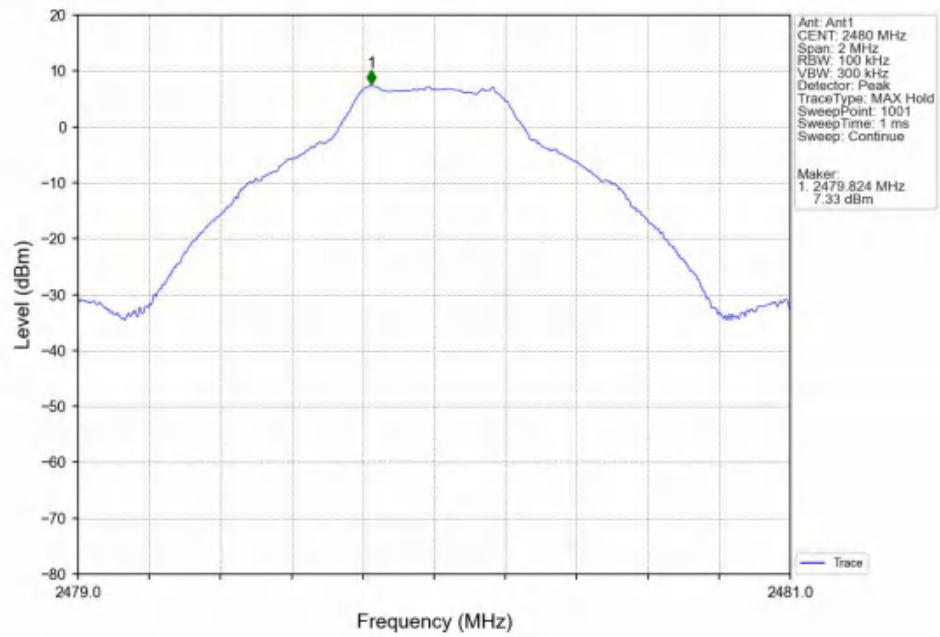
| Mode      | TX Type | Frequency (MHz) | Packet Type | ANT | Level of Reference (dBm) | Limit (dBm) | Verdict |
|-----------|---------|-----------------|-------------|-----|--------------------------|-------------|---------|
| GFSK      | SISO    | 2402            | DH5         | 1   | 5.91                     | -14.09      | Pass    |
|           |         | 2441            | DH5         | 1   | 7.20                     | -12.80      | Pass    |
|           |         | 2480            | DH5         | 1   | 7.33                     | -12.67      | Pass    |
|           |         | HOPP            | DH5         | 1   | 7.17                     | -12.83      | Pass    |
|           |         |                 |             |     | 7.17                     | -12.83      | Pass    |
| Pi/4DQPSK | SISO    | 2402            | 2DH5        | 1   | 5.85                     | -14.15      | Pass    |
|           |         | 2441            | 2DH5        | 1   | 7.06                     | -12.94      | Pass    |
|           |         | 2480            | 2DH5        | 1   | 7.30                     | -12.70      | Pass    |
|           |         | HOPP            | 2DH5        | 1   | 7.15                     | -12.85      | Pass    |
|           |         |                 |             |     | 7.15                     | -12.85      | Pass    |
| 8DPSK     | SISO    | 2402            | 3DH5        | 1   | 5.97                     | -14.03      | Pass    |
|           |         | 2441            | 3DH5        | 1   | 7.25                     | -12.75      | Pass    |
|           |         | 2480            | 3DH5        | 1   | 7.37                     | -12.63      | Pass    |
|           |         | HOPP            | 3DH5        | 1   | 7.13                     | -12.87      | Pass    |
|           |         |                 |             |     | 7.13                     | -12.87      | Pass    |

6.2 Test Graph

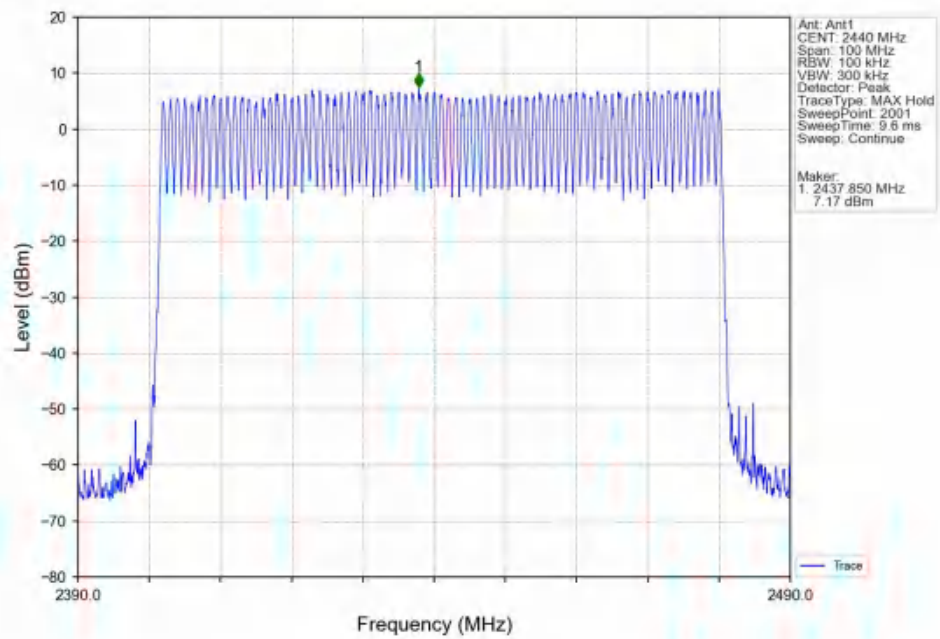
6.2.1 Ref



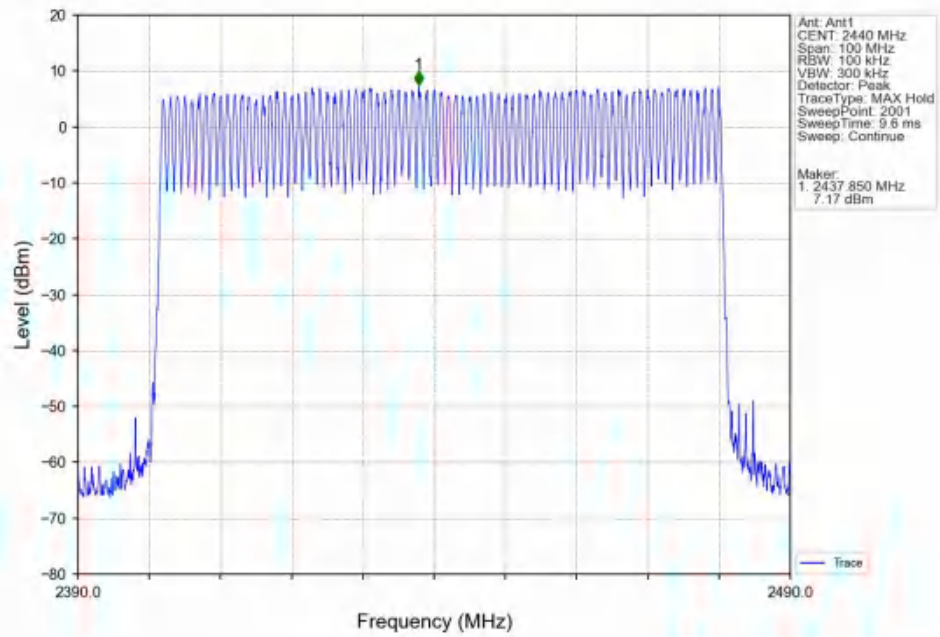
# GFSK\_DH5\_HCH\_2480MHz\_Ant1\_NTNV



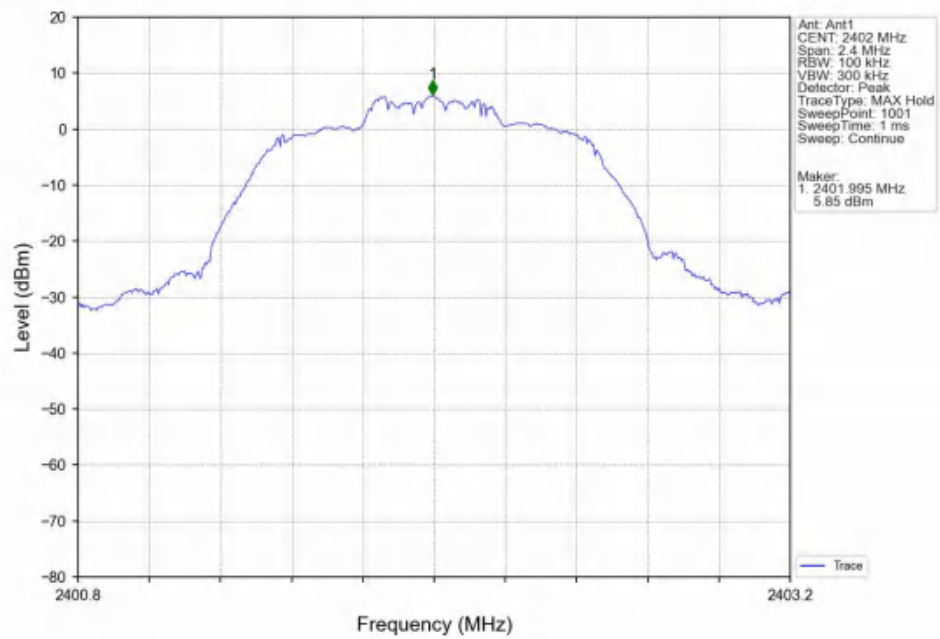
# GFSK\_DH5\_HOPP\_Ant1\_NTNV



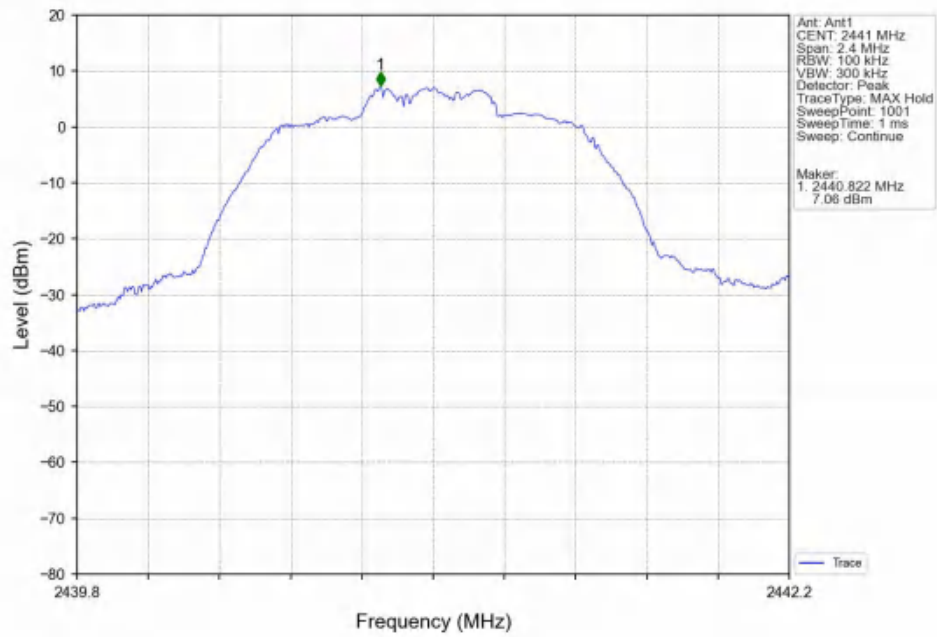
# GFSK\_DH5\_HOPP\_Ant1\_NTNV



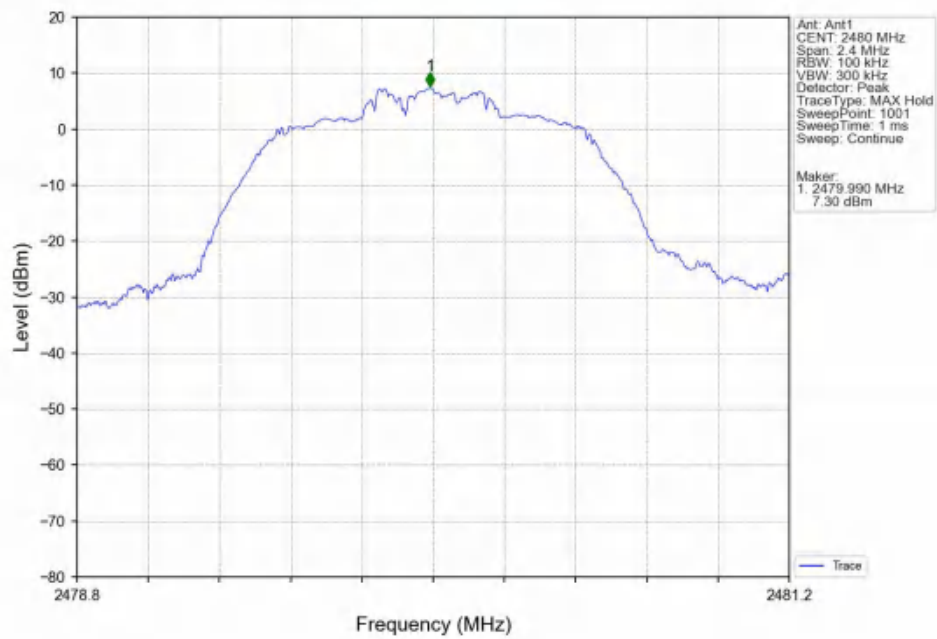
# Pi/4DQPSK\_2DH5\_LCH\_2402MHz\_Ant1\_NTNV



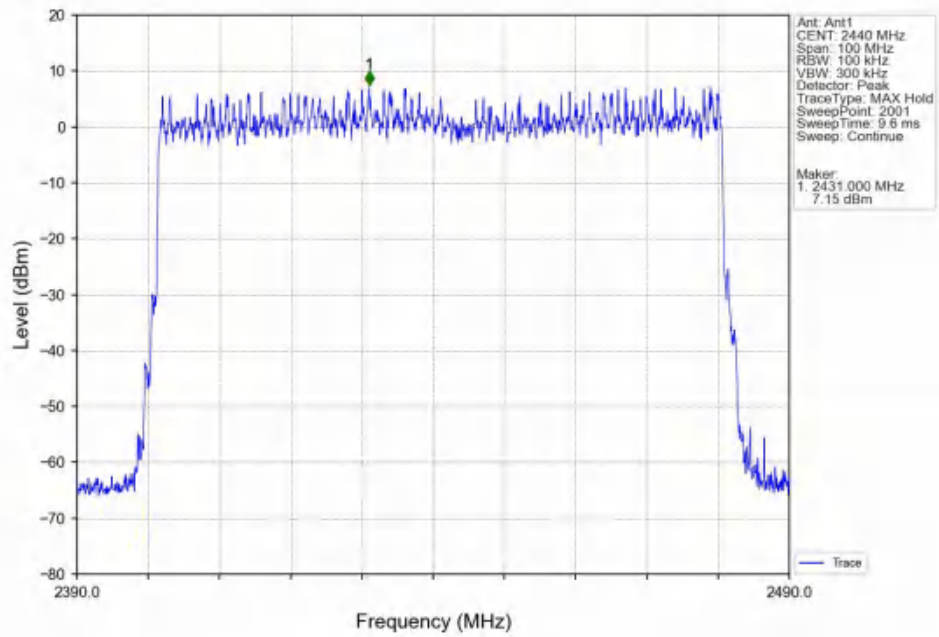
Pi/4DQPSK\_2DH5\_MCH\_2441MHz\_Ant1\_NTNV



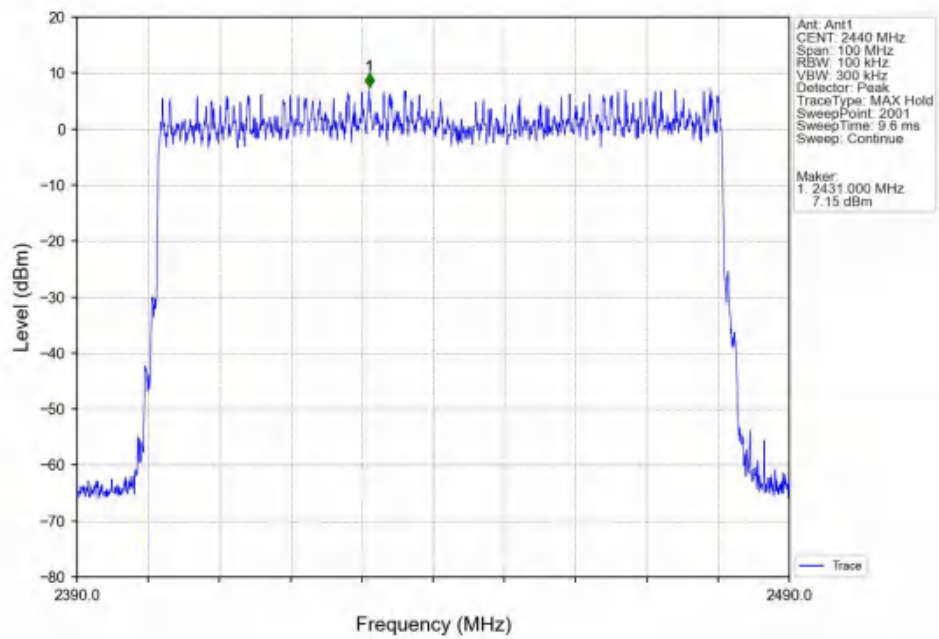
Pi/4DQPSK\_2DH5\_HCH\_2480MHz\_Ant1\_NTNV



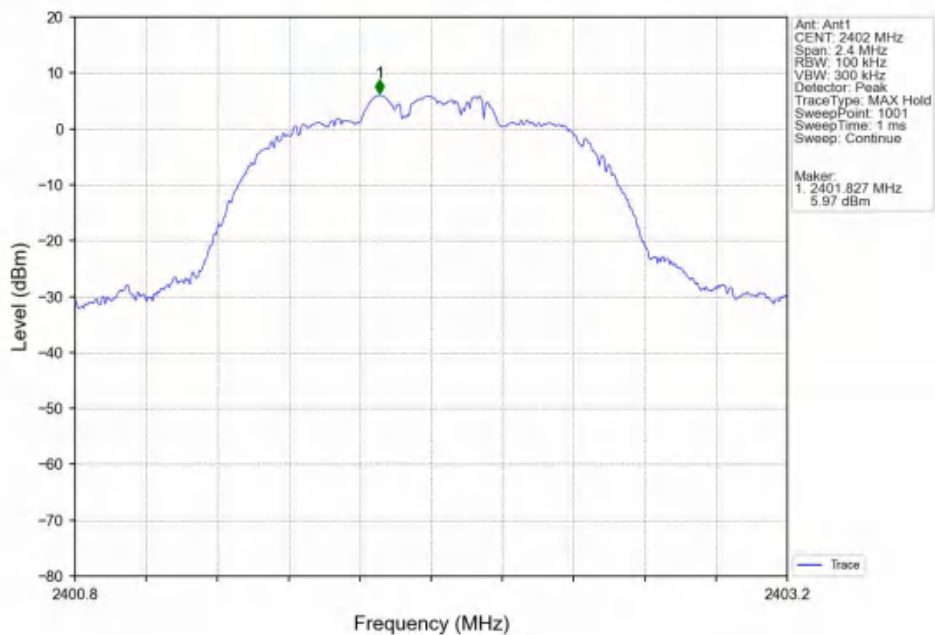
Pi/4DQPSK\_2DH5\_HOPP\_Ant1\_NTNV



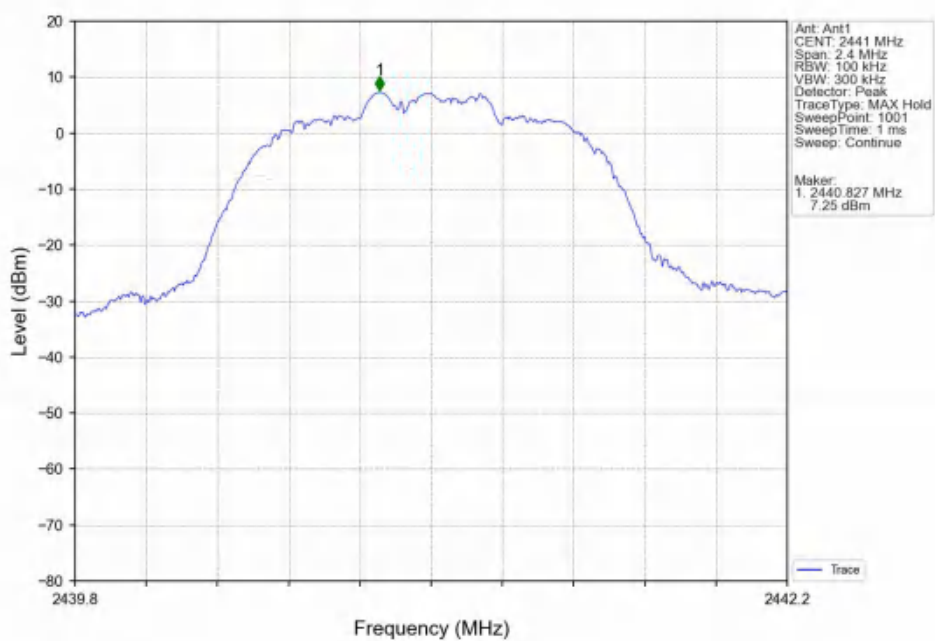
Pi/4DQPSK\_2DH5\_HOPP\_Ant1\_NTNV



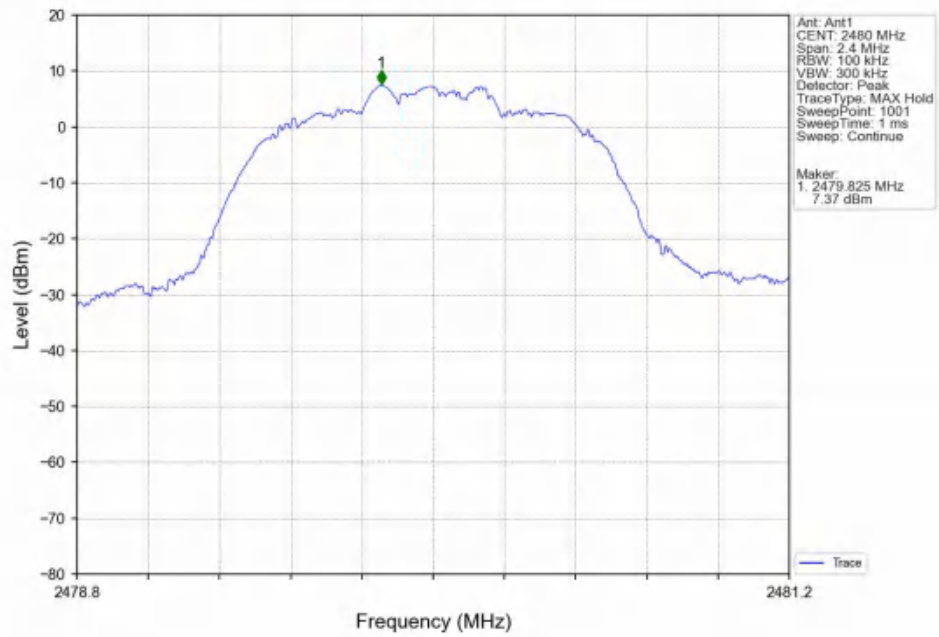
8DPSK\_3DH5\_LCH\_2402MHz\_Ant1\_NTNV



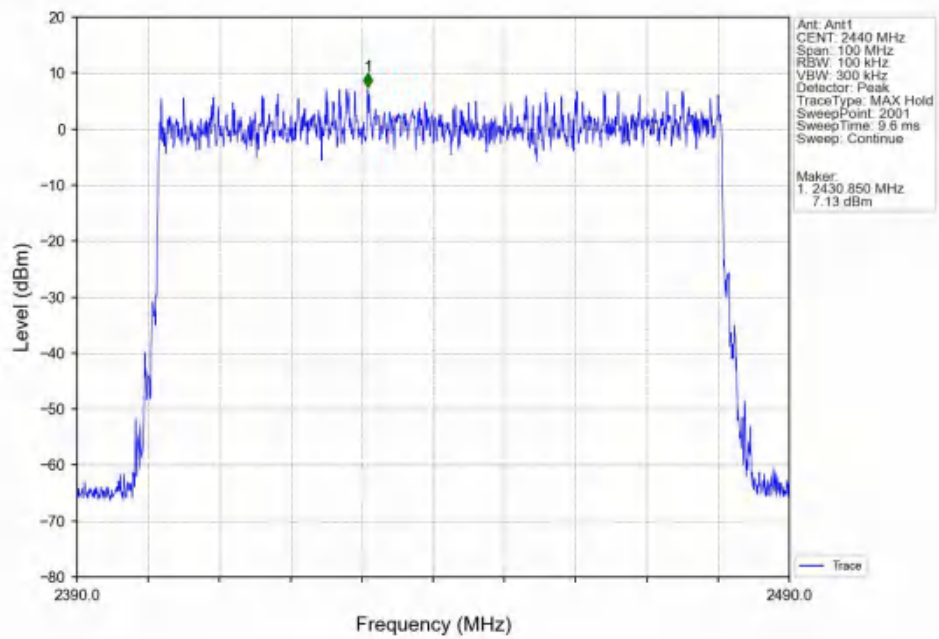
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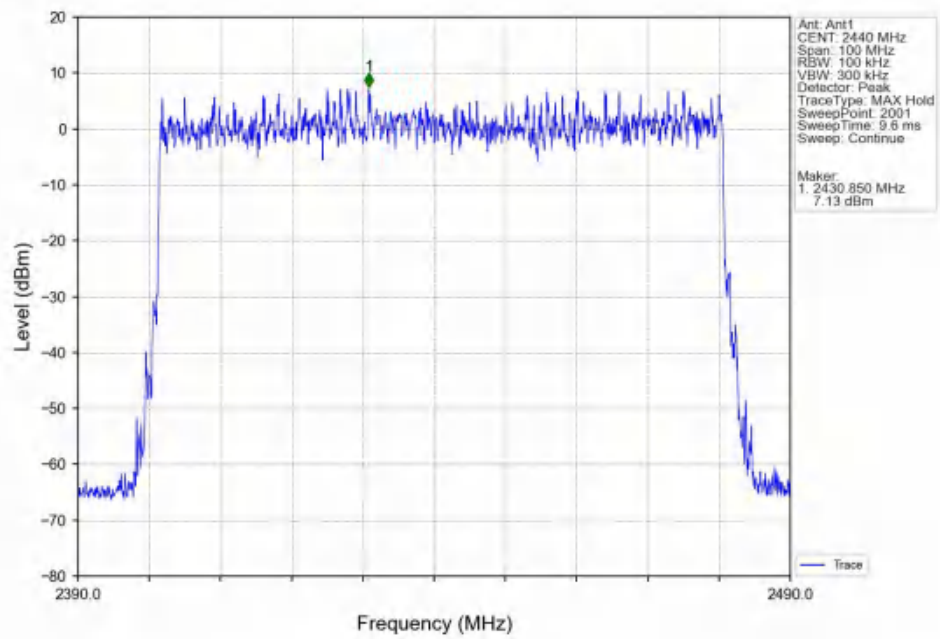
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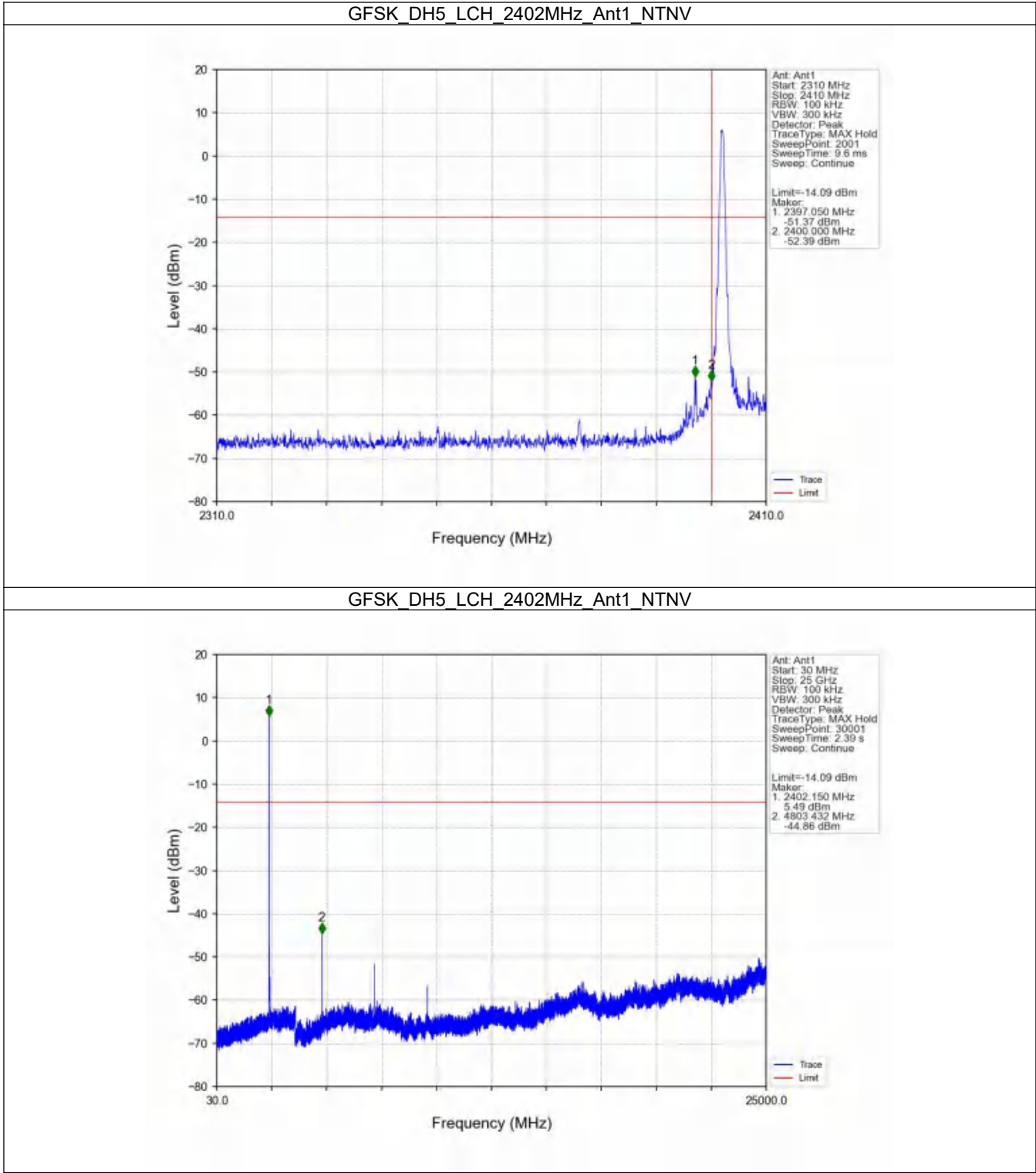
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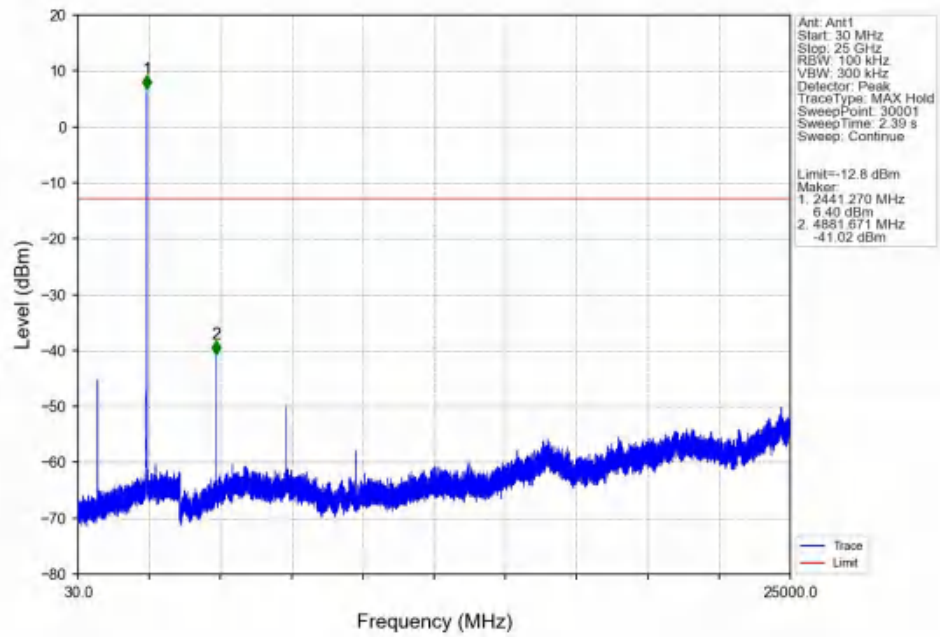
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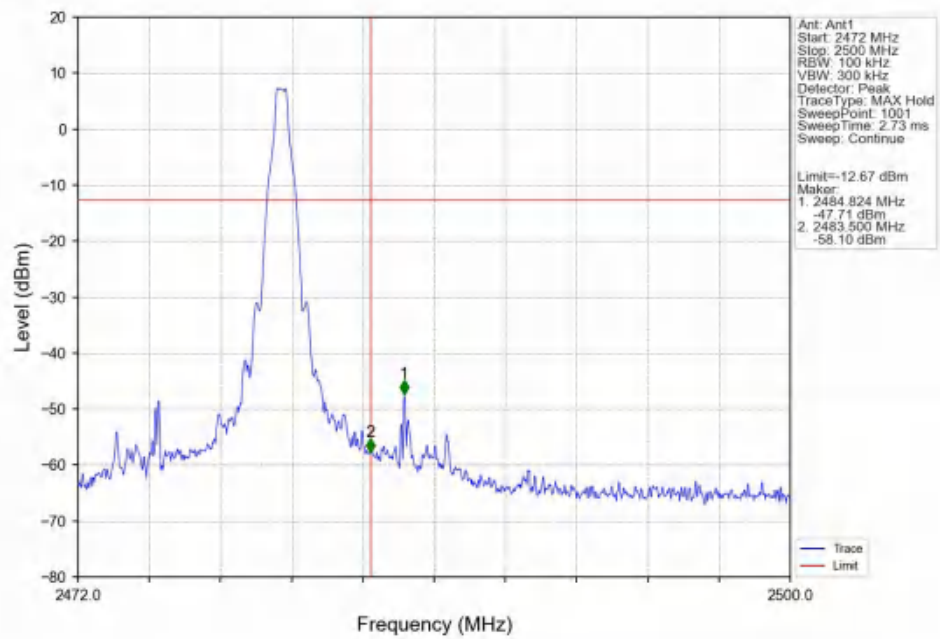
6.2.2 CSE



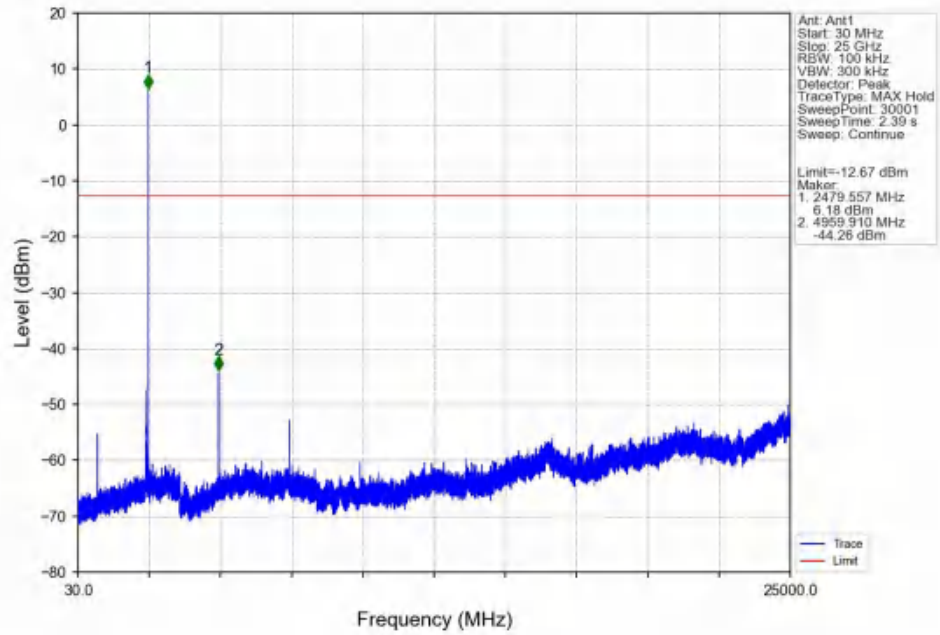
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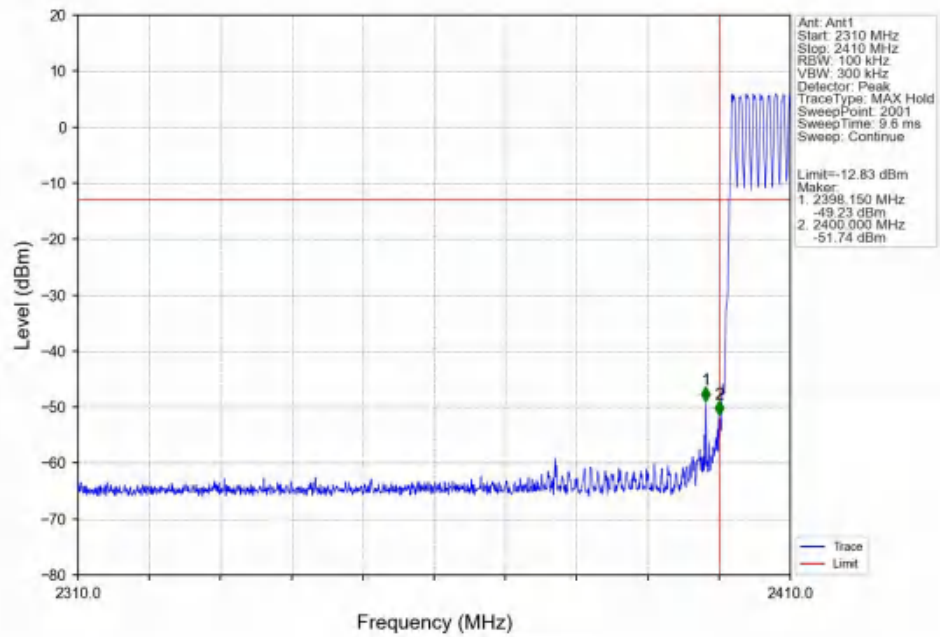
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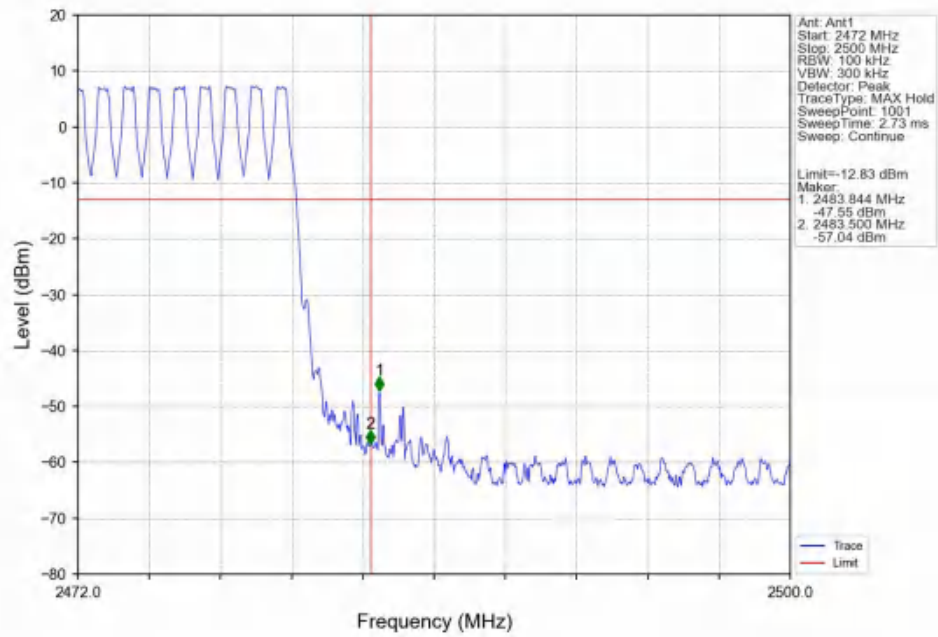
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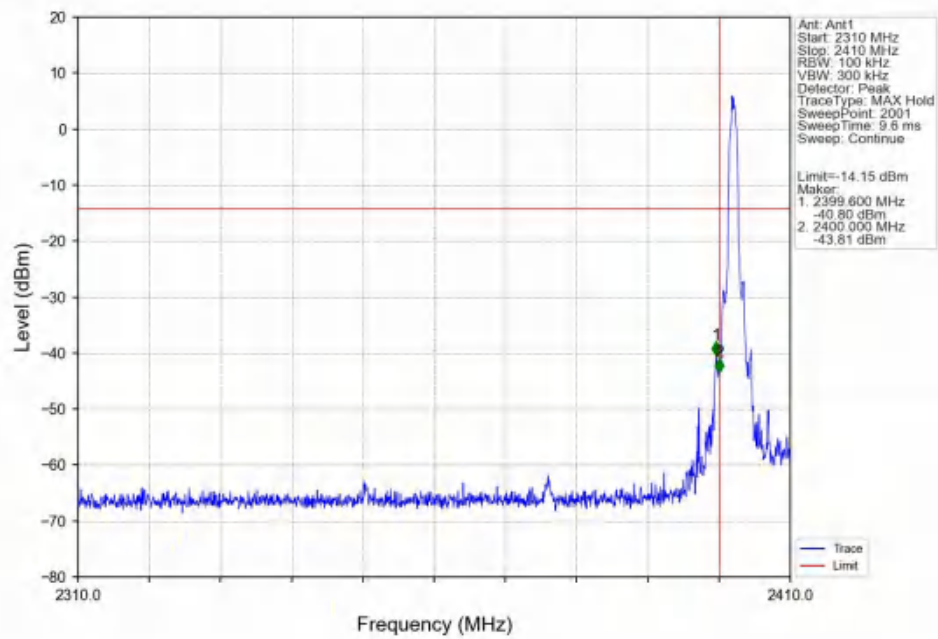
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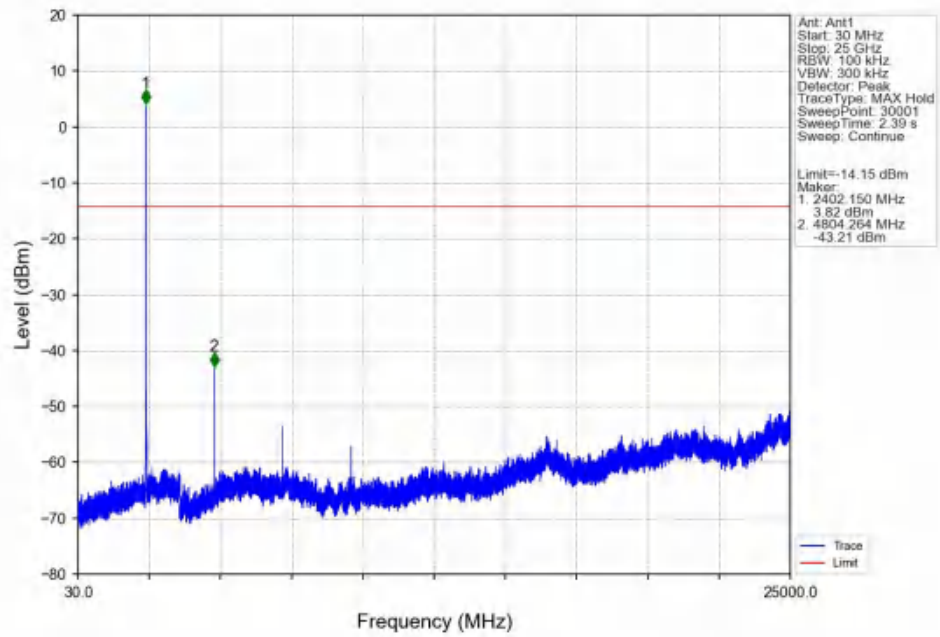
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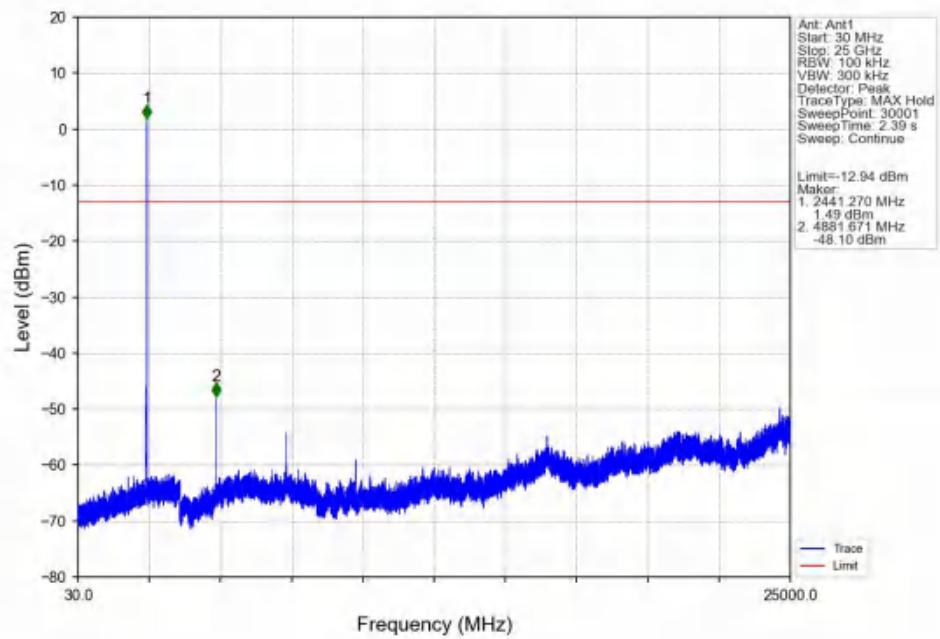
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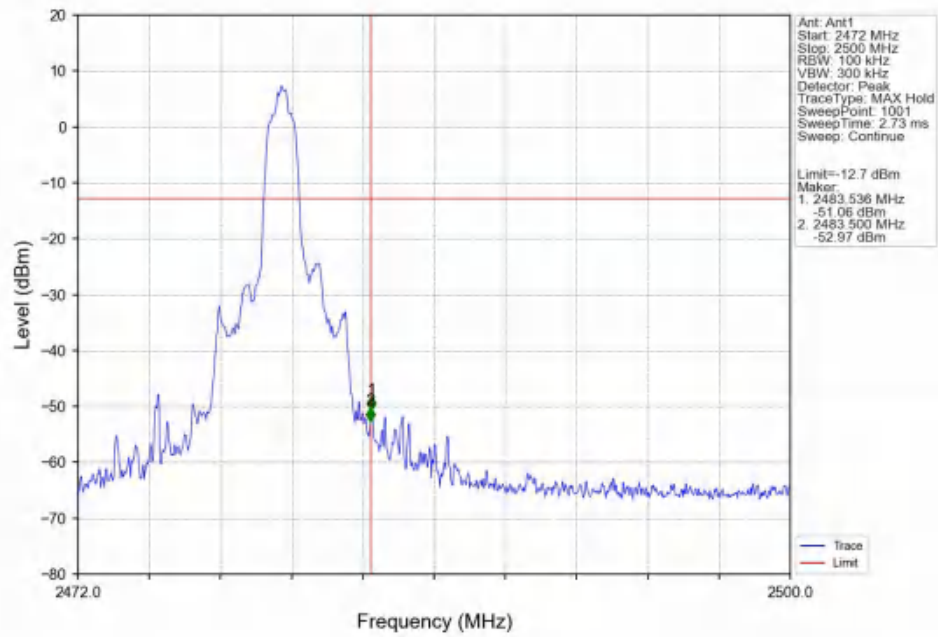
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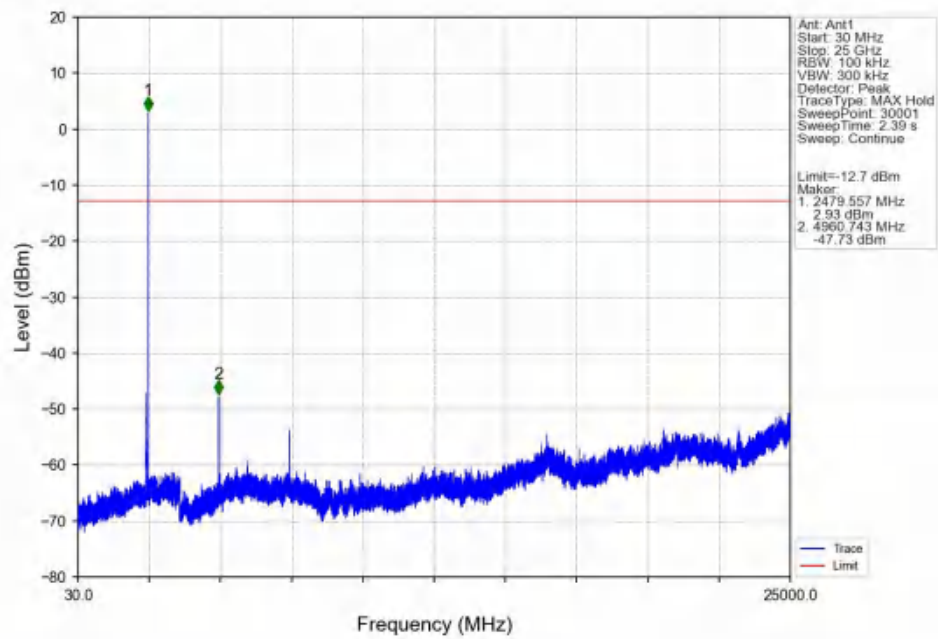
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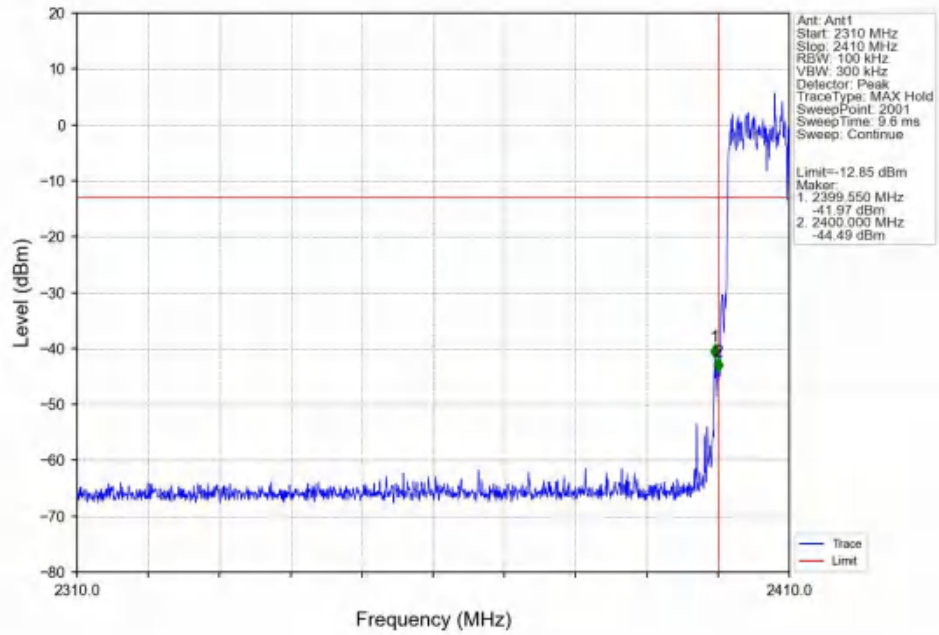
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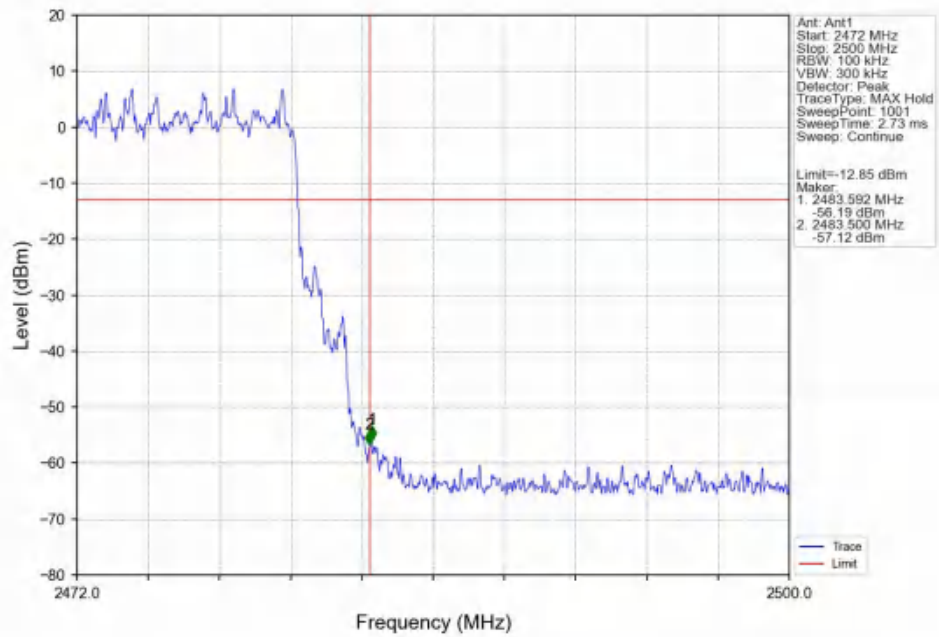
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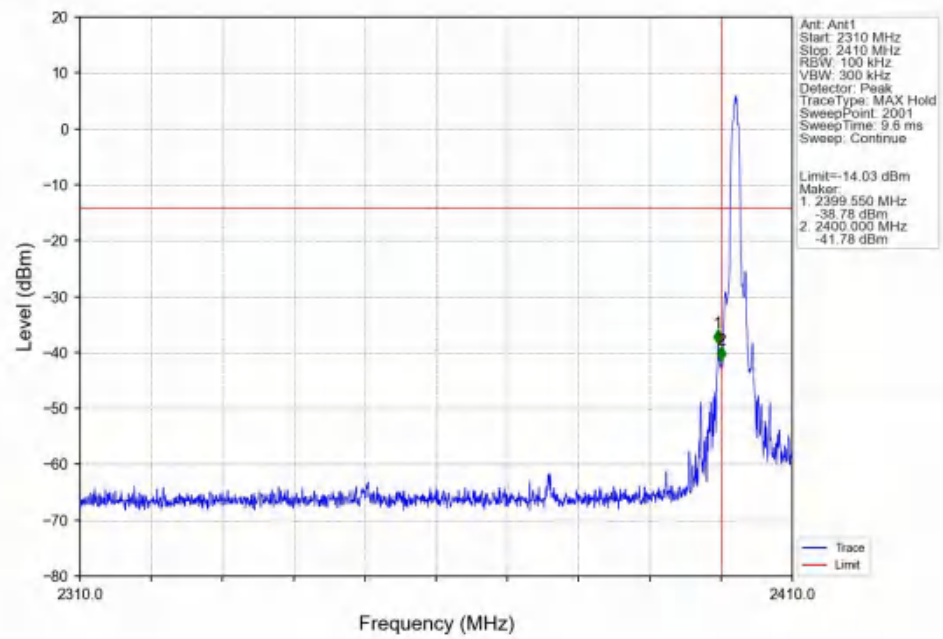
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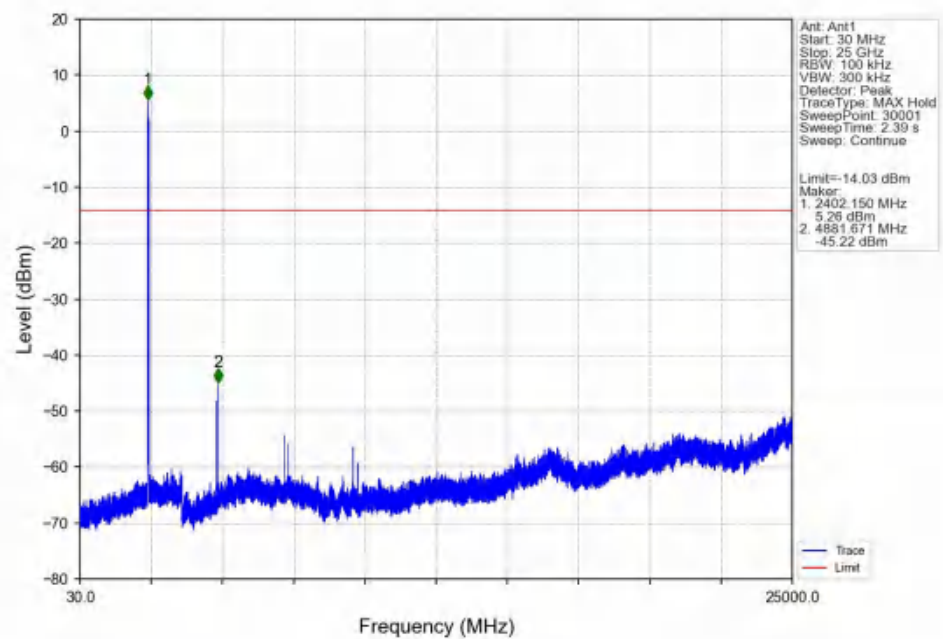
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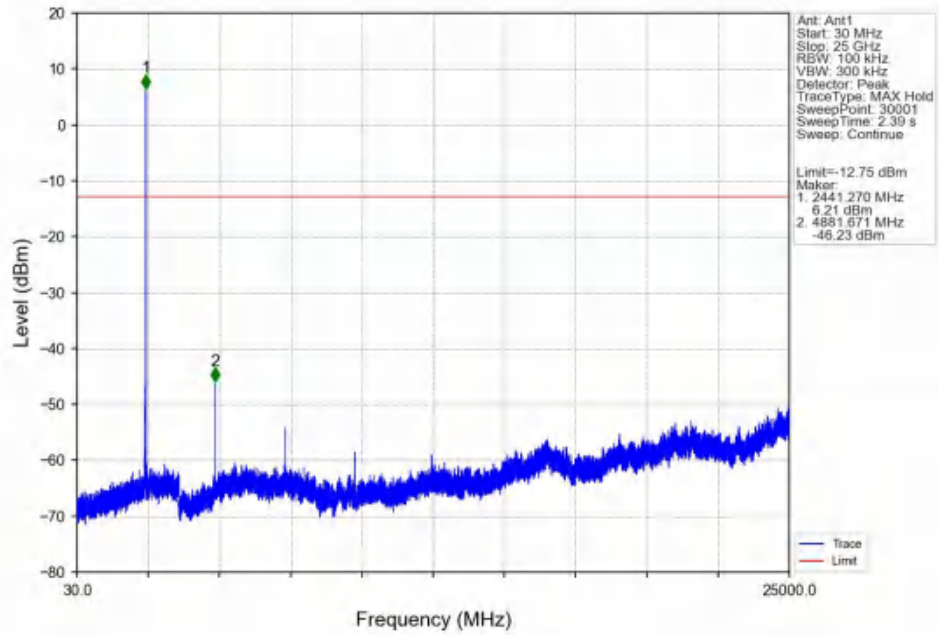
8DPSK\_3DH5\_LCH\_2402MHz\_Ant1\_NTNV



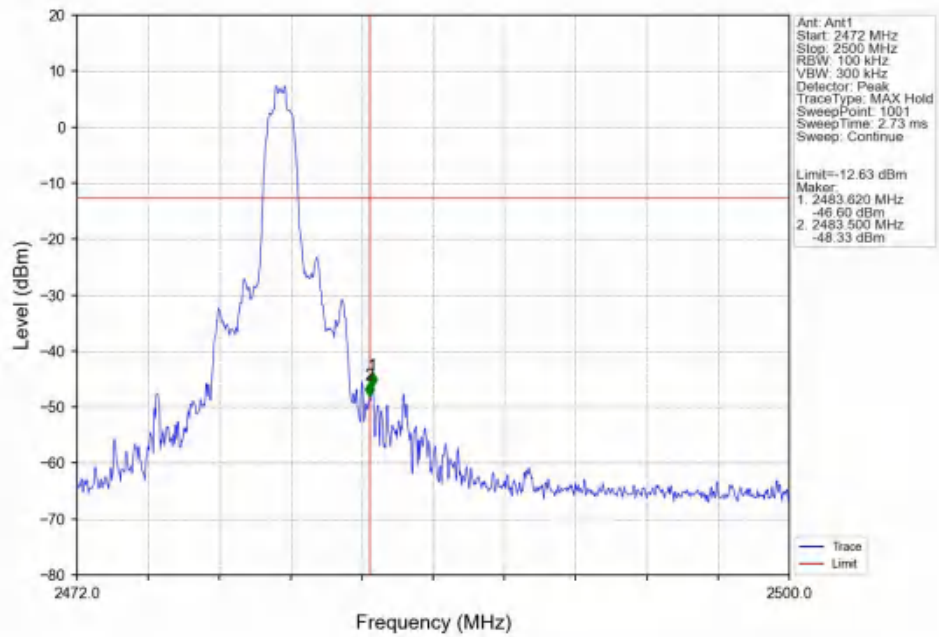
8DPSK\_3DH5\_LCH\_2402MHz\_Ant1\_NTNV



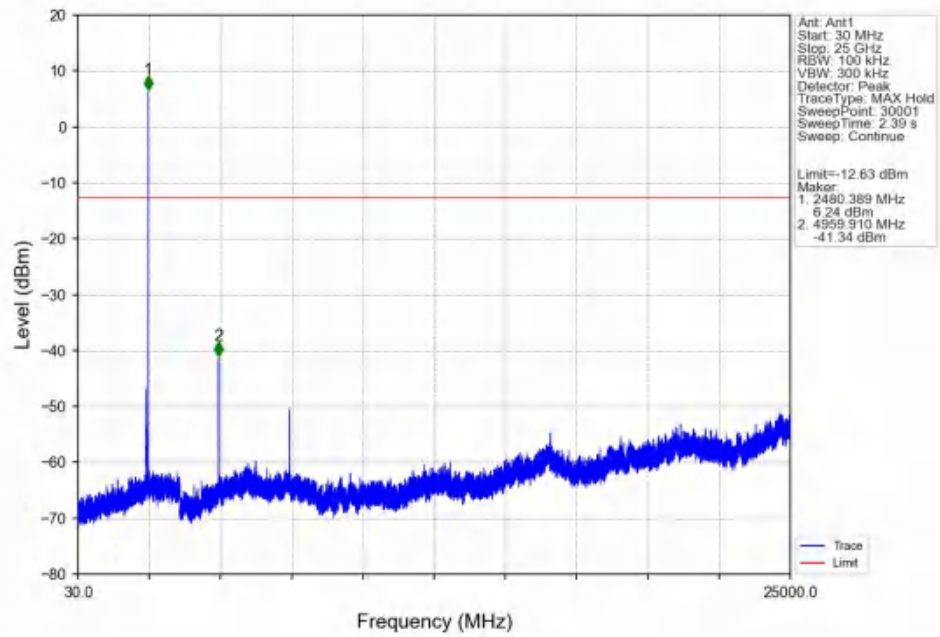
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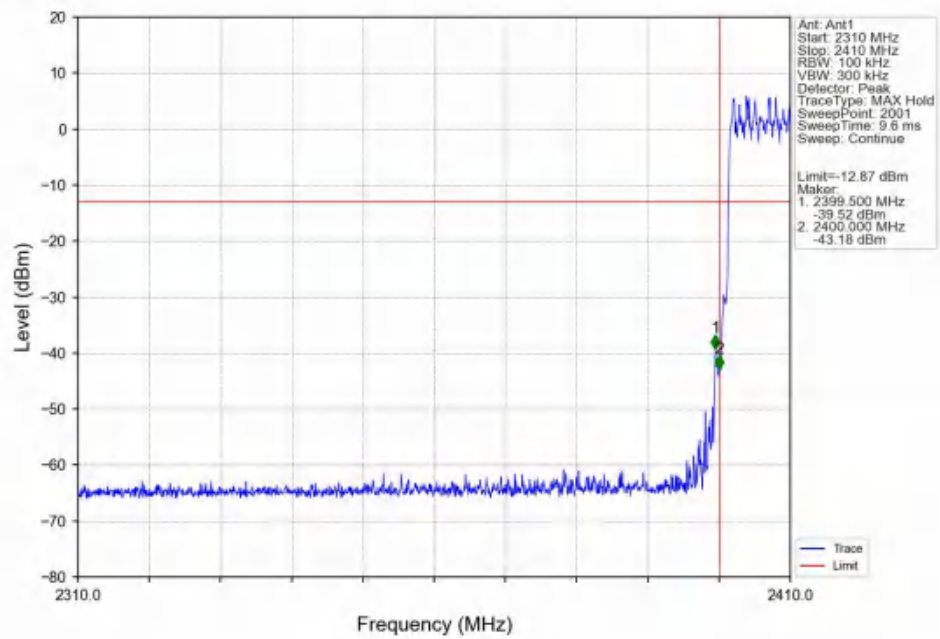
# 8DPSK\_3DH5\_HCH\_2480MHz\_Ant1\_NTNV



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



# 8DPSK\_3DH5\_HOPP\_Ant1\_NTNV



8DPSK\_3DH5\_HOPP\_Ant1\_NTNV

