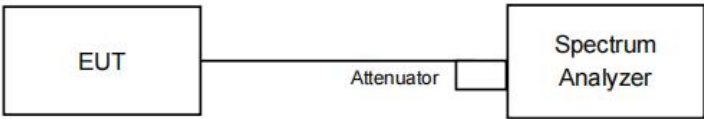
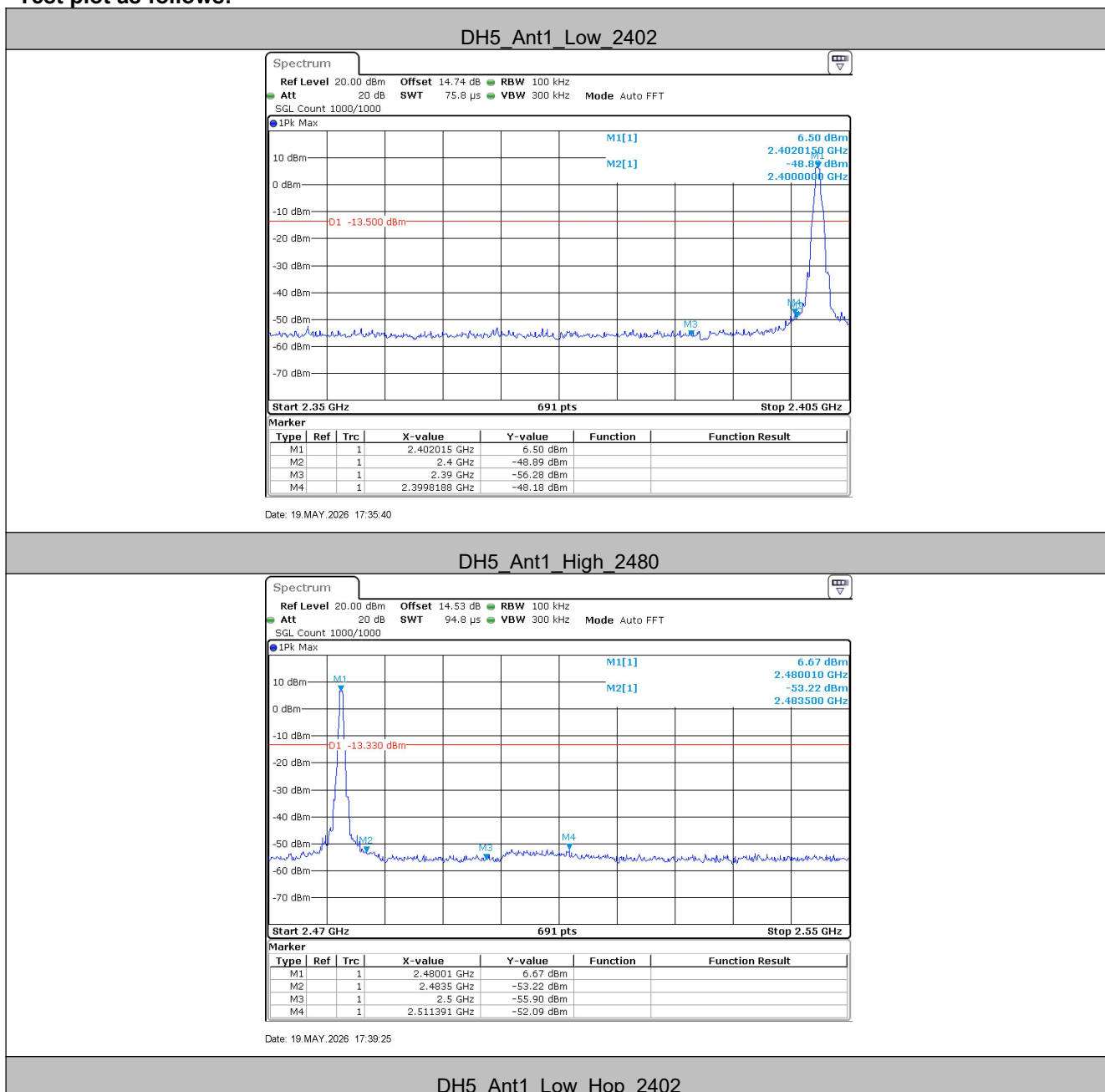
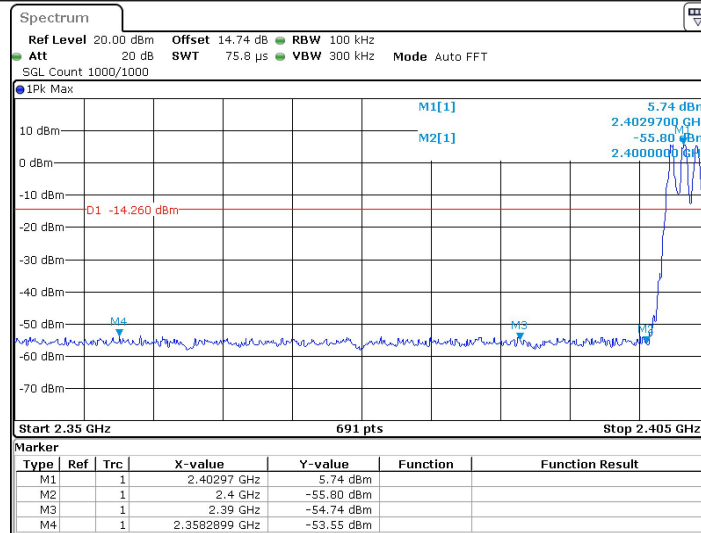


## 5.8 Band-edge for RF Conducted Emissions

|                        |                                                                                                                                                                                                                                                                                                                                                                                         |
|------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Test Requirement:      | 47 CFR Part 15C Section 15.247 (d)                                                                                                                                                                                                                                                                                                                                                      |
| Test Method:           | ANSI C63.10-2020+Cor. 1-2023+C63.10a-2024 + Errata to C63.10a-2024                                                                                                                                                                                                                                                                                                                      |
| Test Setup:            |  <p><i>Remark: Offset=cable loss+ attenuation factor.</i></p>                                                                                                                                                                                                                                         |
| Limit:                 | In any 100 kHz bandwidth outside the frequency band in which the spread spectrum 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. |
| Exploratory Test Mode: | Hopping and Non-hopping transmitting with all kind of modulation and all kind of data type                                                                                                                                                                                                                                                                                              |
| Final Test Mode:       | Only the worst case is recorded in the report.                                                                                                                                                                                                                                                                                                                                          |
| Test Results:          | Pass                                                                                                                                                                                                                                                                                                                                                                                    |

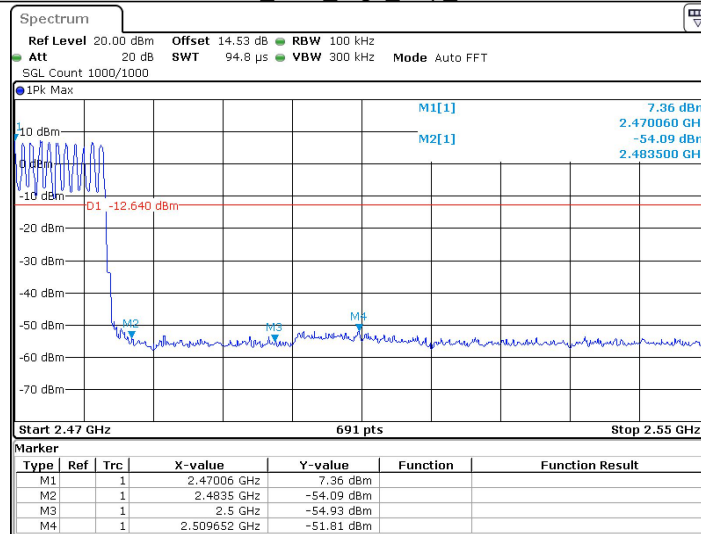
Test plot as follows:





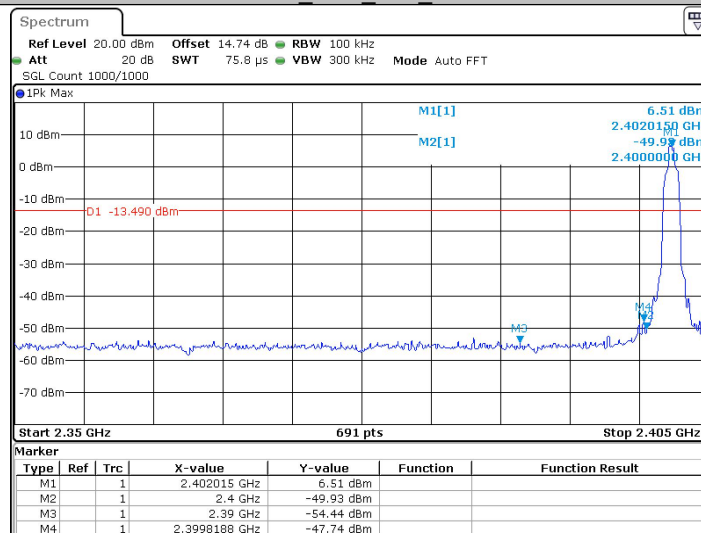
Date: 19.MAY.2026 17:55:01

### DH5\_Ant1\_High\_Hop\_2480



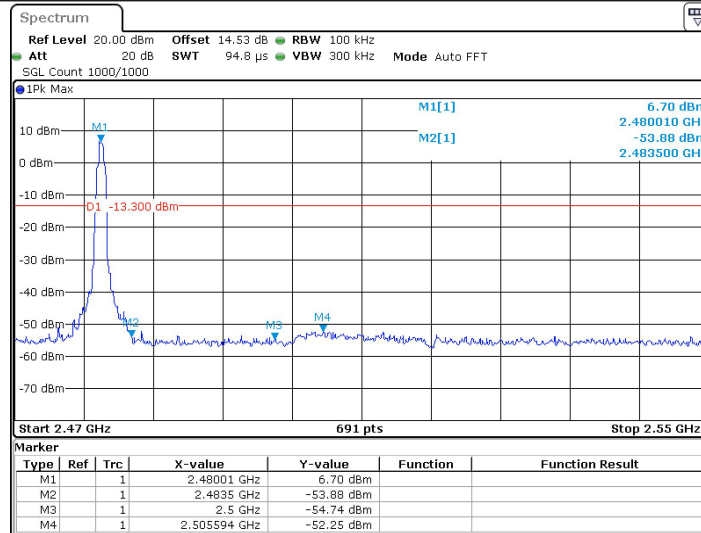
Date: 19.MAY.2026 17:58:46

### 2DH5\_Ant1\_Low\_2402



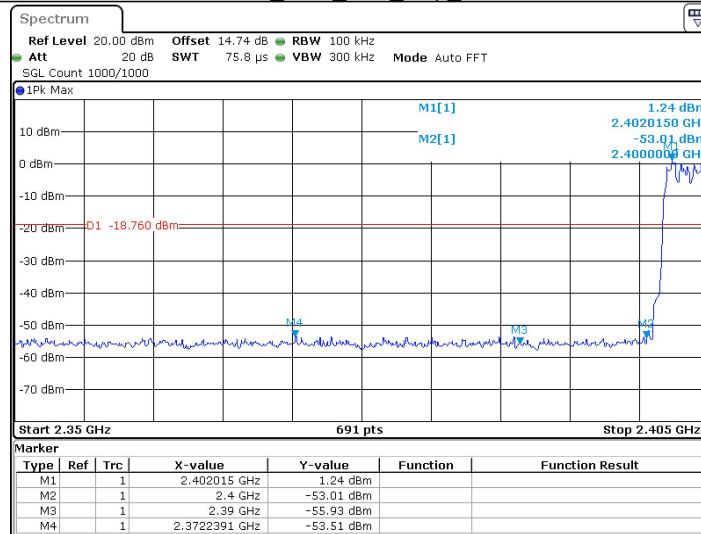
Date: 19.MAY.2026 17:43:14

### 2DH5\_Ant1\_High\_2480



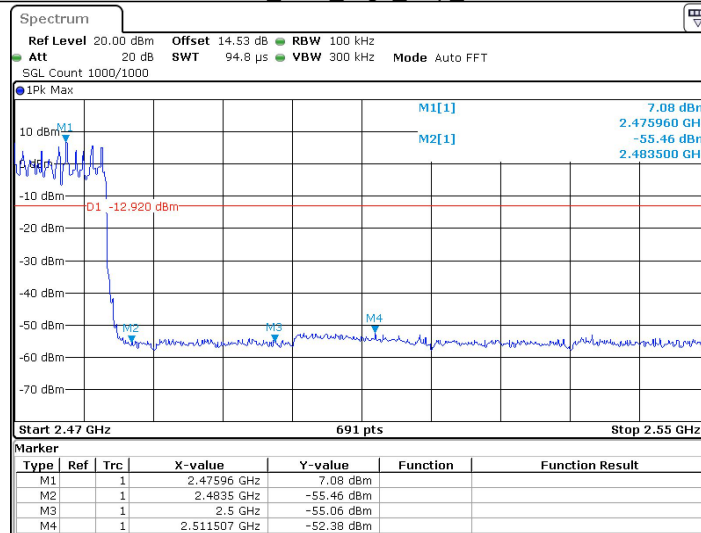
Date: 19.MAY.2026 17:46:35

### 2DH5\_Ant1\_Low\_Hop\_2402



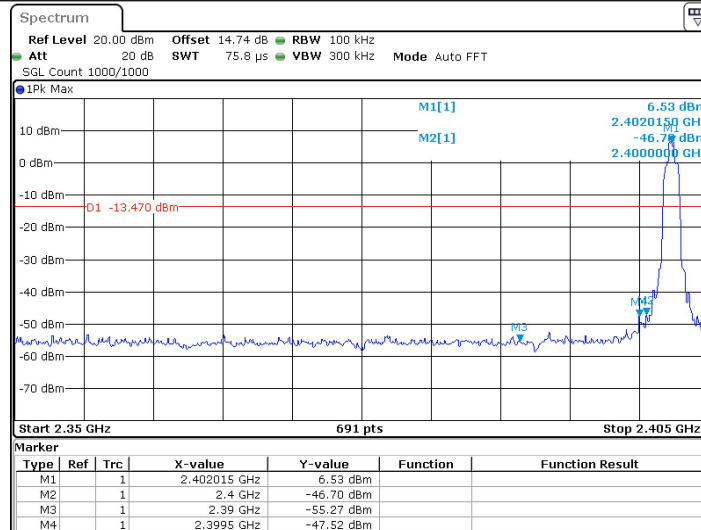
Date: 19.MAY.2026 18:00:14

### 2DH5\_Ant1\_High\_Hop\_2480



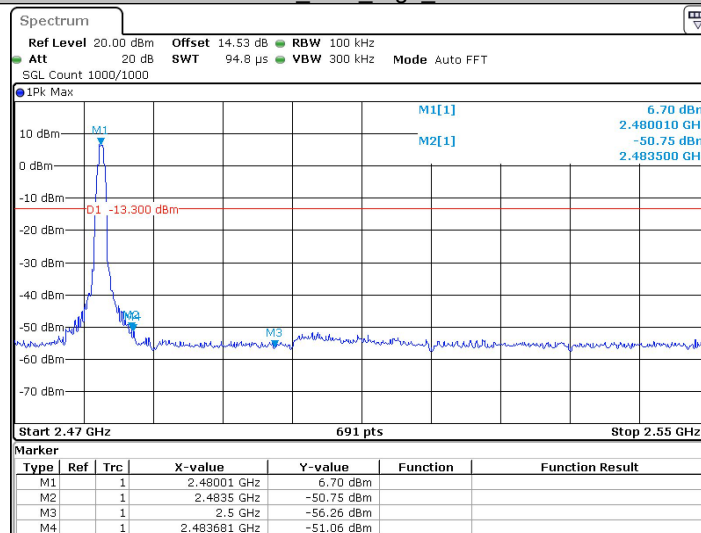
Date: 19.MAY.2026 18:04:46

### 3DH5\_Ant1\_Low\_2402



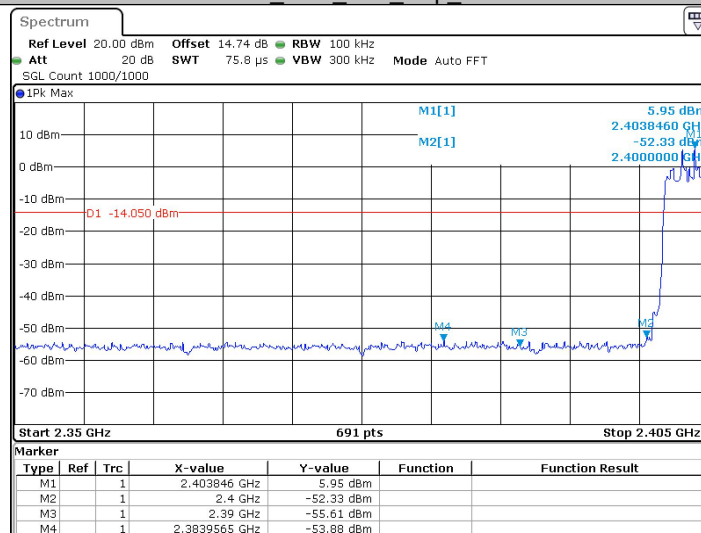
Date: 19.MAY.2026 17:49:27

### 3DH5 Ant1 High 2480



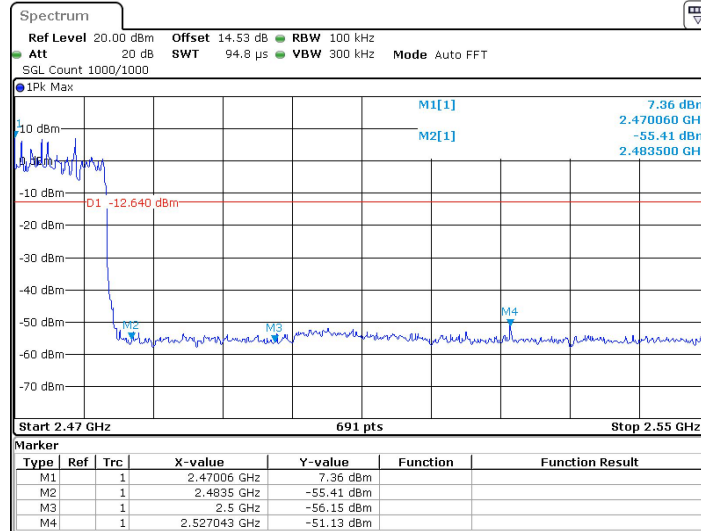
Date: 19.MAY.2026 17:53:07

### 3DH5 Ant1 Low Hop 2402



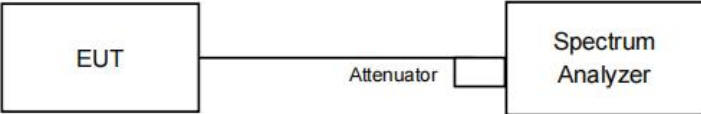
Date: 19.MAY.2026 18:06:13

### 3DH5 Ant1 High Hop 2480

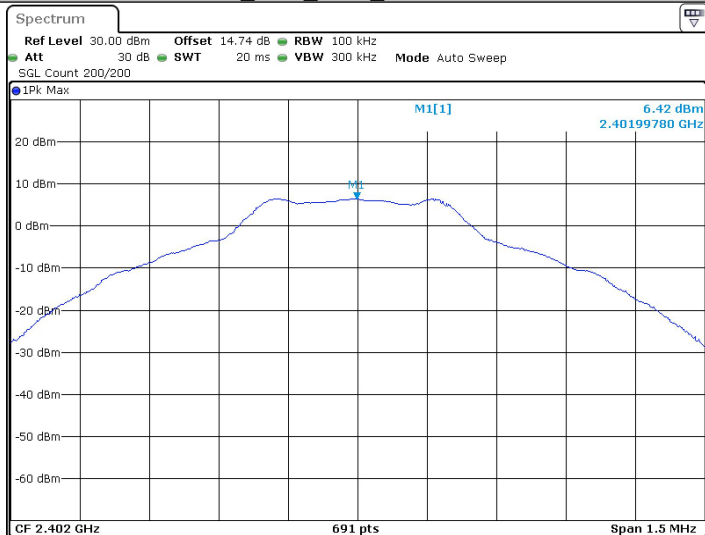


Date: 19.MAY.2026 18:10:18

## 5.9 Spurious RF Conducted Emissions

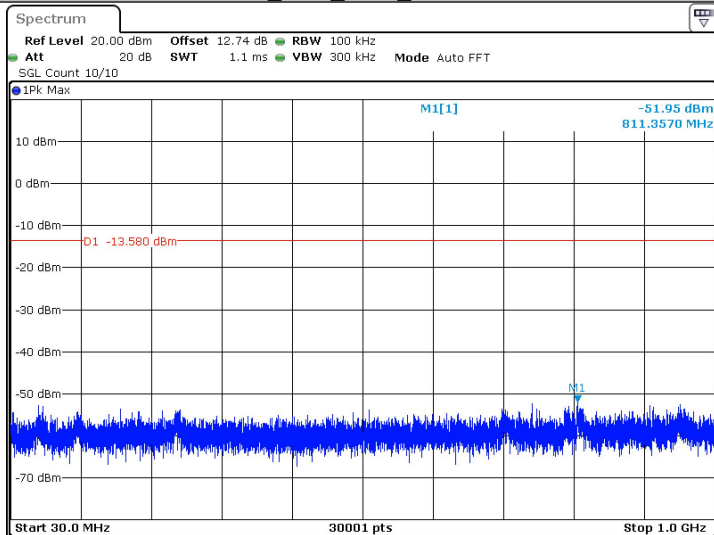
|                        |                                                                                                                                                                                                                                                                                                                                                                                         |
|------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Test Requirement:      | 47 CFR Part 15C Section 15.247 (d)                                                                                                                                                                                                                                                                                                                                                      |
| Test Method:           | ANSI C63.10-2020+Cor. 1-2023+C63.10a-2024 + Errata to C63.10a-2024                                                                                                                                                                                                                                                                                                                      |
| Test Setup:            |  <p>Remark: Offset=cable loss+ attenuation factor.</p>                                                                                                                                                                                                                                                |
| Limit:                 | In any 100 kHz bandwidth outside the frequency band in which the spread spectrum 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. |
| Exploratory Test Mode: | Non-hopping transmitting with all kind of modulation and all kind of data type                                                                                                                                                                                                                                                                                                          |
| Final Test Mode:       | Through Pre-scan, find the DH5 of data type is the worst case of GFSK modulation type, 2-DH5 of data type is the worst case of $\pi/4$ DQPSK modulation type, 3-DH5 of data type is the worst case of 8DPSK modulation type.                                                                                                                                                            |
| Test Results:          | Pass                                                                                                                                                                                                                                                                                                                                                                                    |

DH5\_Ant1\_2402\_0~Reference



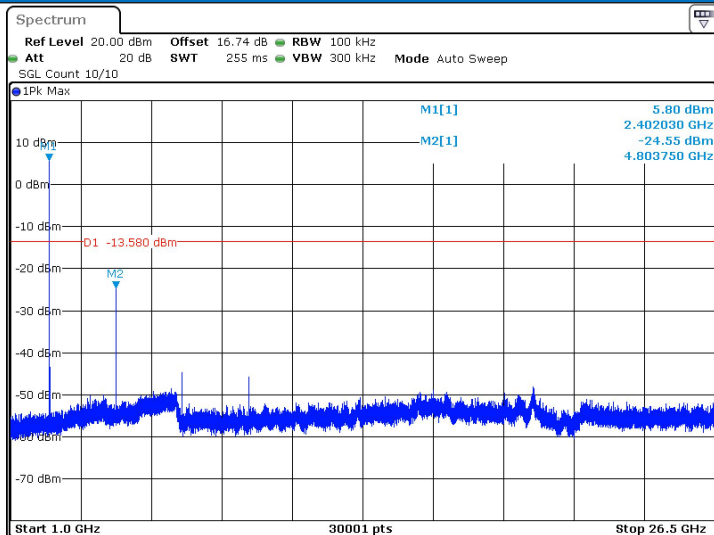
Date: 19.MAY.2026 17:37:03

DH5\_Ant1\_2402\_30~1000



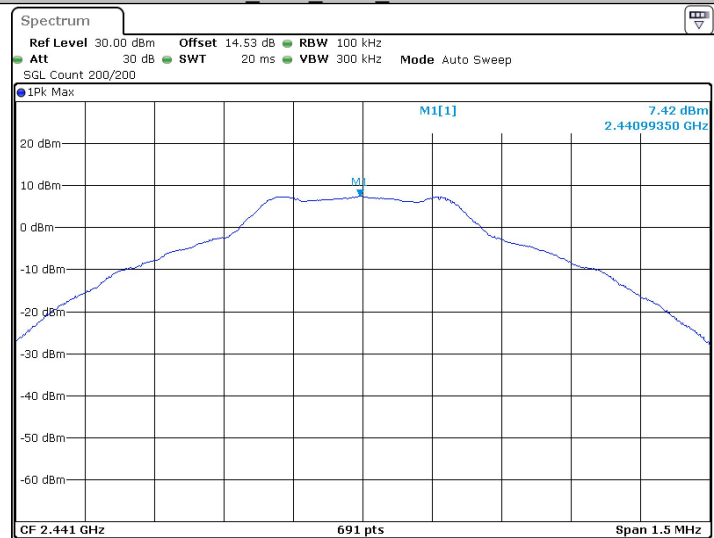
Date: 19.MAY.2026 17:37:07

DH5\_Ant1\_2402\_1000~26500



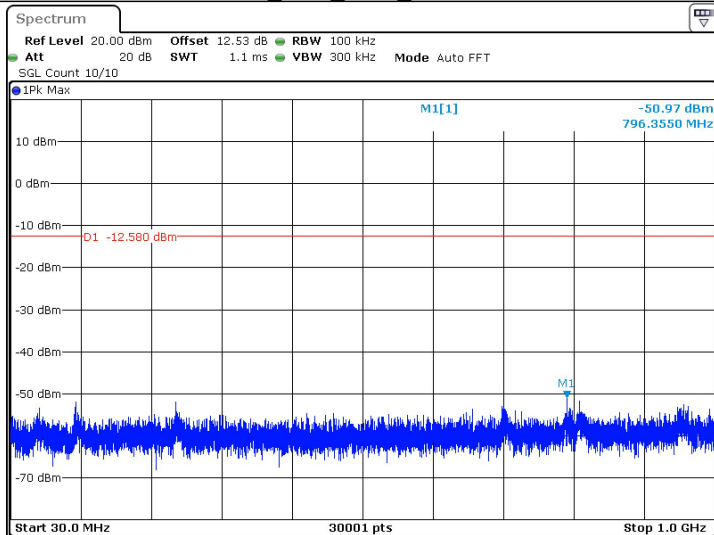
Date: 19.MAY.2026 17:37:18

DH5\_Ant1\_2441\_0~Reference



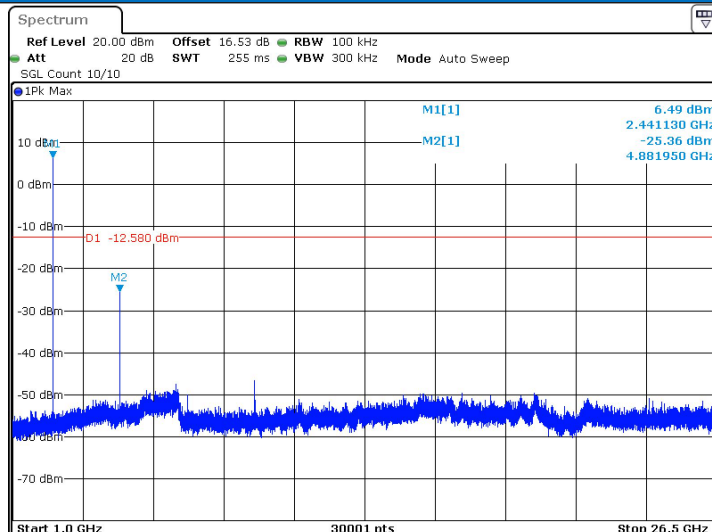
Date: 19.MAY.2026 17:38:11

DH5\_Ant1\_2441\_30~1000



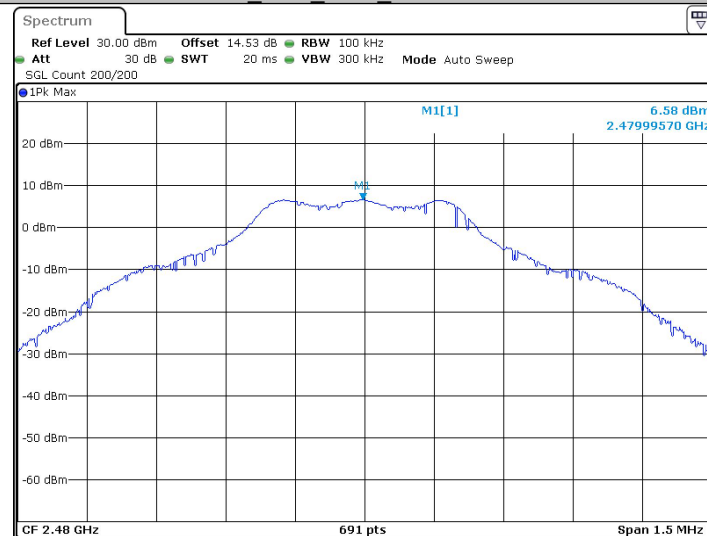
Date: 19.MAY.2026 17:38:15

DH5\_Ant1\_2441\_1000~26500



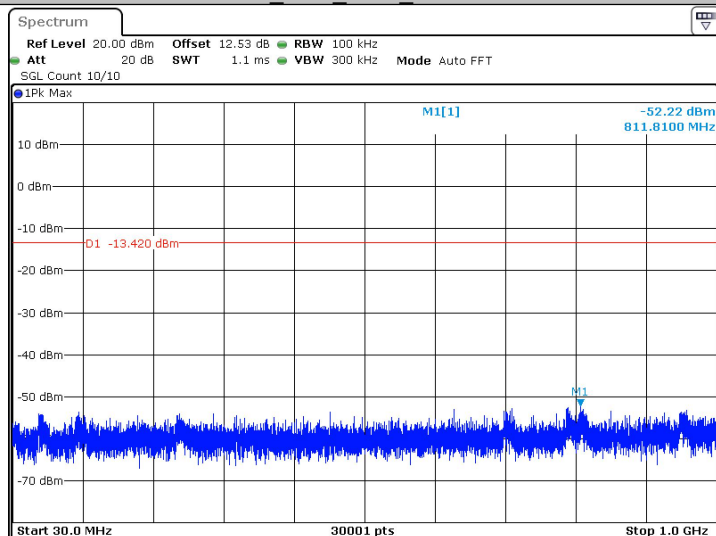
Date: 19 MAY 2026 17:38:26

DH5\_Ant1\_2480\_0~Reference



Date: 19 MAY 2026 17:40:46

DH5\_Ant1\_2480\_30~1000



Date: 19 MAY 2026 17:40:51

DH5\_Ant1\_2480\_1000~26500