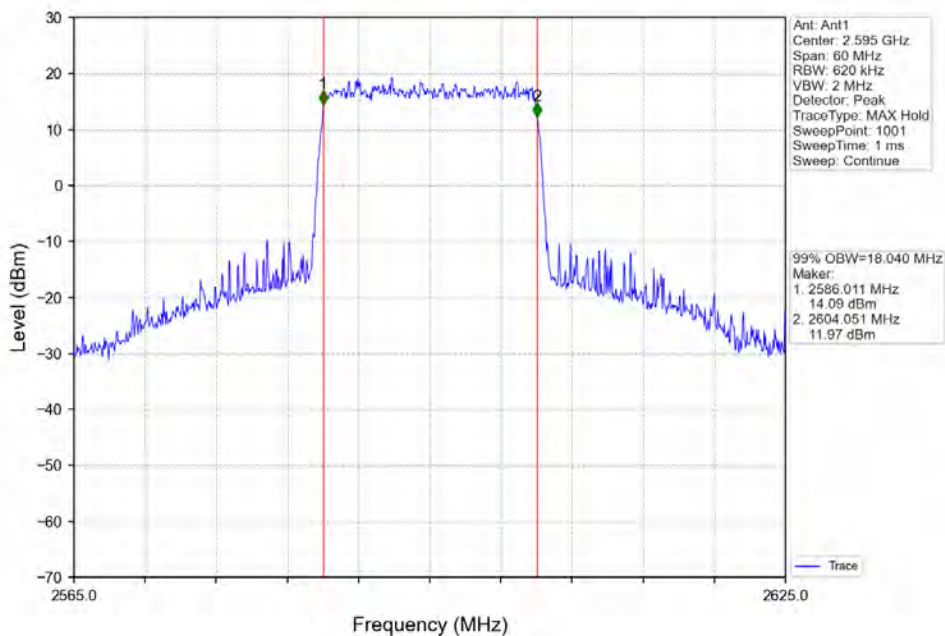
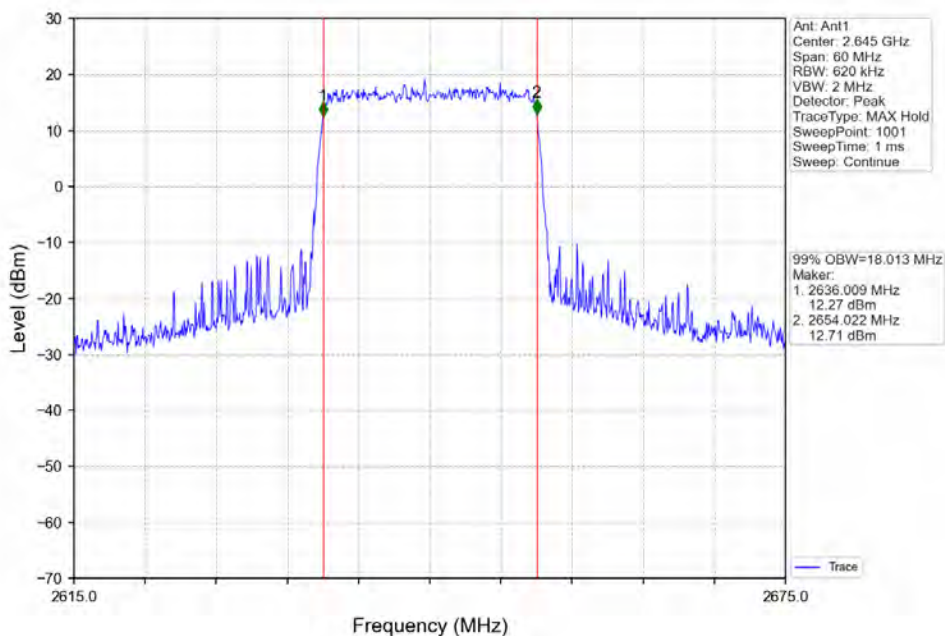


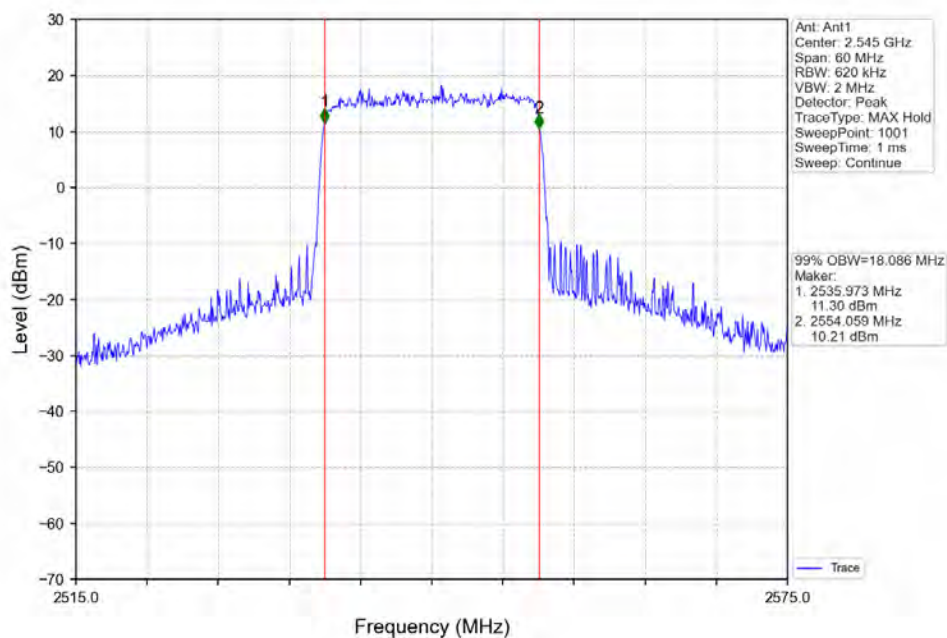
Band41\_20MHz\_QPSK\_MCH\_2595MHz\_RB\_100\_0\_NTNV



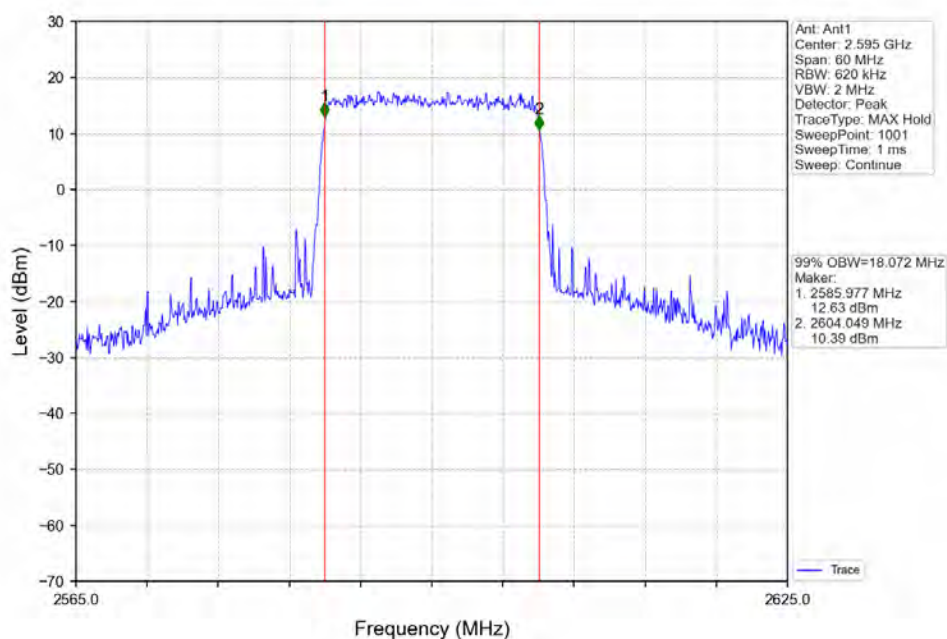
Band41\_20MHz\_QPSK\_HCH\_2645MHz\_RB\_100\_0\_NTNV



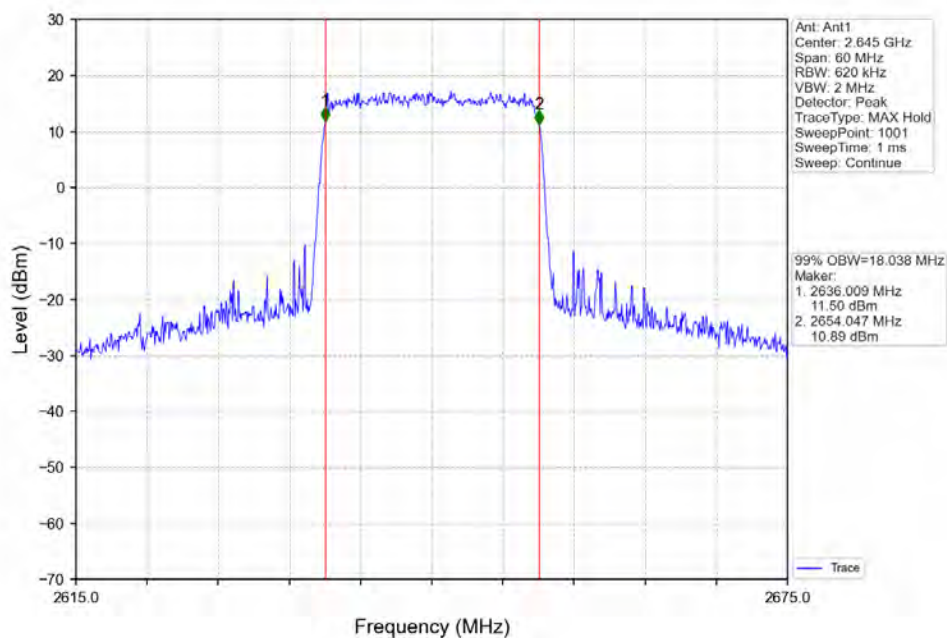
Band41\_20MHz\_16QAM\_LCH\_2545MHz\_RB\_100\_0\_NTNV



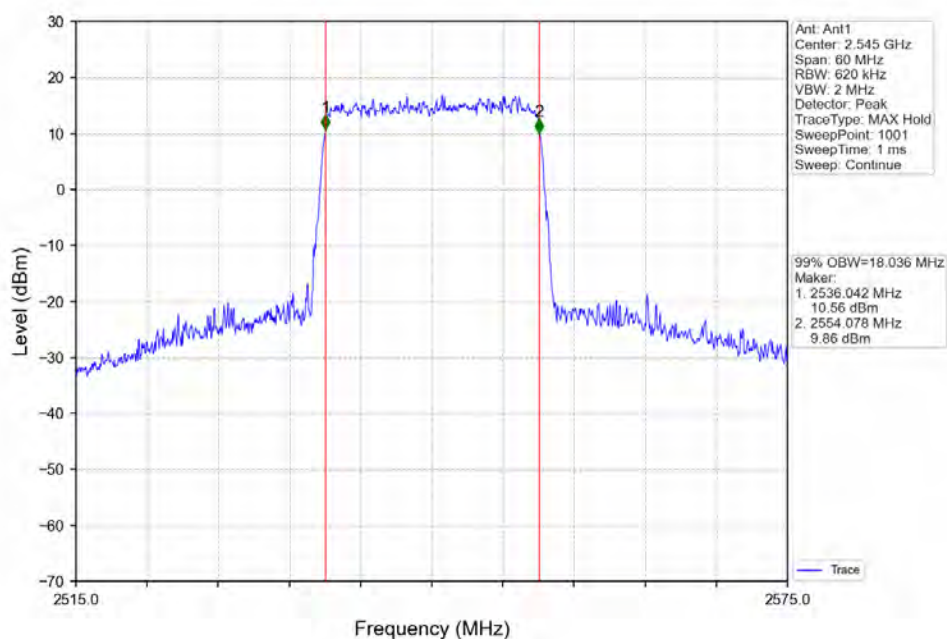
Band41\_20MHz\_16QAM\_MCH\_2595MHz\_RB\_100\_0\_NTNV



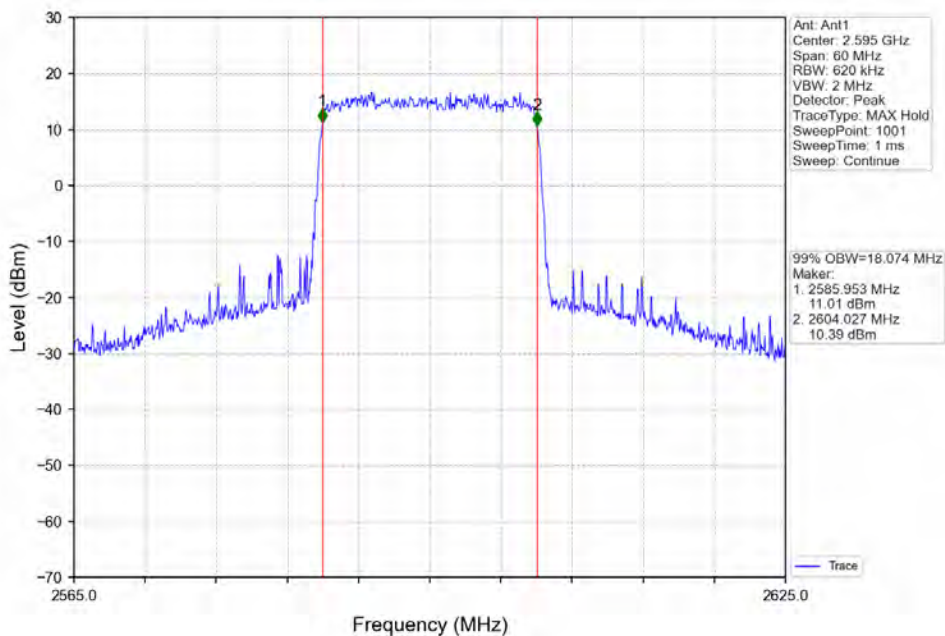
**Band41\_20MHz\_16QAM\_HCH\_2645MHz\_RB\_100\_0\_NTNV**



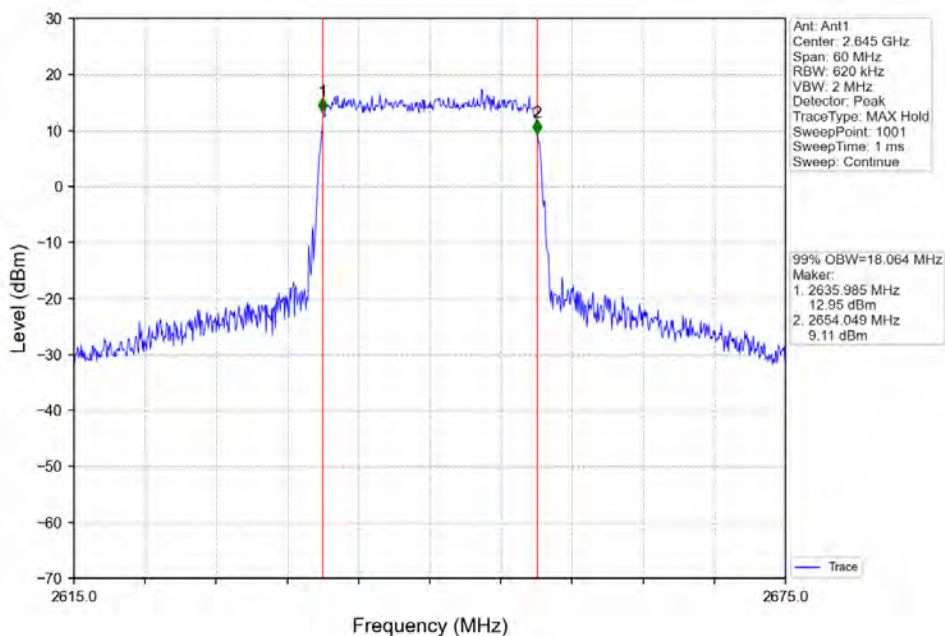
**Band41\_20MHz\_64QAM\_LCH\_2545MHz\_RB\_100\_0\_NTNV**



Band41\_20MHz\_64QAM\_MCH\_2595MHz\_RB\_100\_0\_NTNV



Band41\_20MHz\_64QAM\_HCH\_2645MHz\_RB\_100\_0\_NTNV



**BAND41\_XDB**

**TEST RESULT**

| Band: 41 / NTN  |            |                 |               |        |                      |         |
|-----------------|------------|-----------------|---------------|--------|----------------------|---------|
| Bandwidth (MHz) | Modulation | Frequency (MHz) | RB Allocation |        | 26dB Bandwidth (MHz) | Verdict |
|                 |            |                 | Size          | Offset | Result               |         |
| 5               | QPSK       | 2537.5          | 25            | 0      | 4.960                | Pass    |
|                 |            | 2595            | 25            | 0      | 5.058                | Pass    |
|                 |            | 2652.5          | 25            | 0      | 5.050                | Pass    |
|                 | 16QAM      | 2537.5          | 25            | 0      | 5.230                | Pass    |
|                 |            | 2595            | 25            | 0      | 4.973                | Pass    |
|                 |            | 2652.5          | 25            | 0      | 5.077                | Pass    |
|                 | 64QAM      | 2537.5          | 25            | 0      | 5.176                | Pass    |
|                 |            | 2595            | 25            | 0      | 5.047                | Pass    |
|                 |            | 2652.5          | 25            | 0      | 5.010                | Pass    |
| 10              | QPSK       | 2540            | 50            | 0      | 9.849                | Pass    |
|                 |            | 2595            | 50            | 0      | 9.971                | Pass    |
|                 |            | 2650            | 50            | 0      | 9.778                | Pass    |
|                 | 16QAM      | 2540            | 50            | 0      | 9.874                | Pass    |
|                 |            | 2595            | 50            | 0      | 9.817                | Pass    |
|                 |            | 2650            | 50            | 0      | 10.847               | Pass    |
|                 | 64QAM      | 2540            | 50            | 0      | 10.082               | Pass    |
|                 |            | 2595            | 50            | 0      | 9.813                | Pass    |
|                 |            | 2650            | 50            | 0      | 9.808                | Pass    |
| 15              | QPSK       | 2542.5          | 75            | 0      | 15.103               | Pass    |
|                 |            | 2595            | 75            | 0      | 15.734               | Pass    |
|                 |            | 2647.5          | 75            | 0      | 15.180               | Pass    |
|                 | 16QAM      | 2542.5          | 75            | 0      | 15.396               | Pass    |
|                 |            | 2595            | 75            | 0      | 15.082               | Pass    |
|                 |            | 2647.5          | 75            | 0      | 15.976               | Pass    |



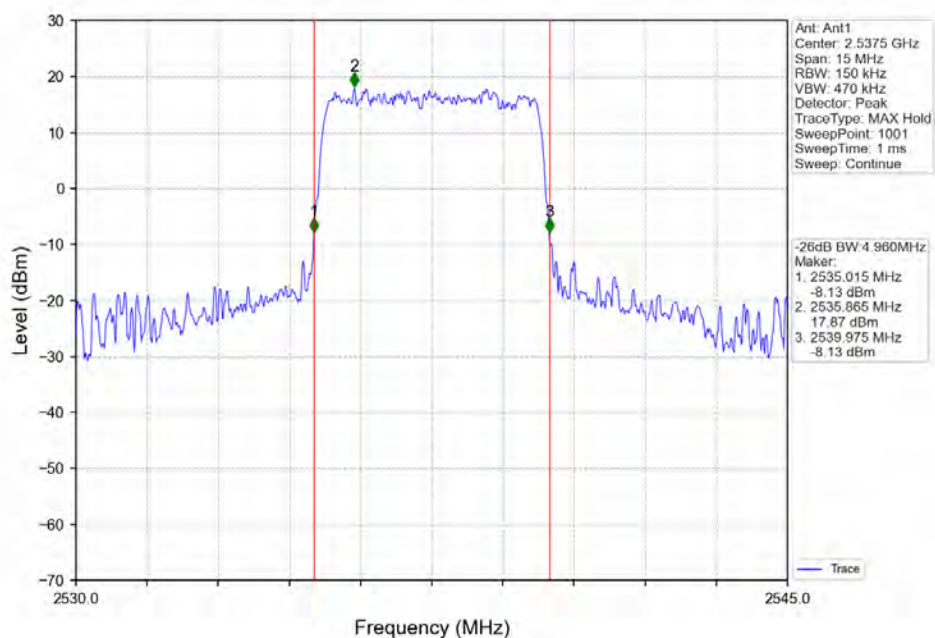
BUREAU  
VERITAS

Test Report No.: W7L-P21100027RF16

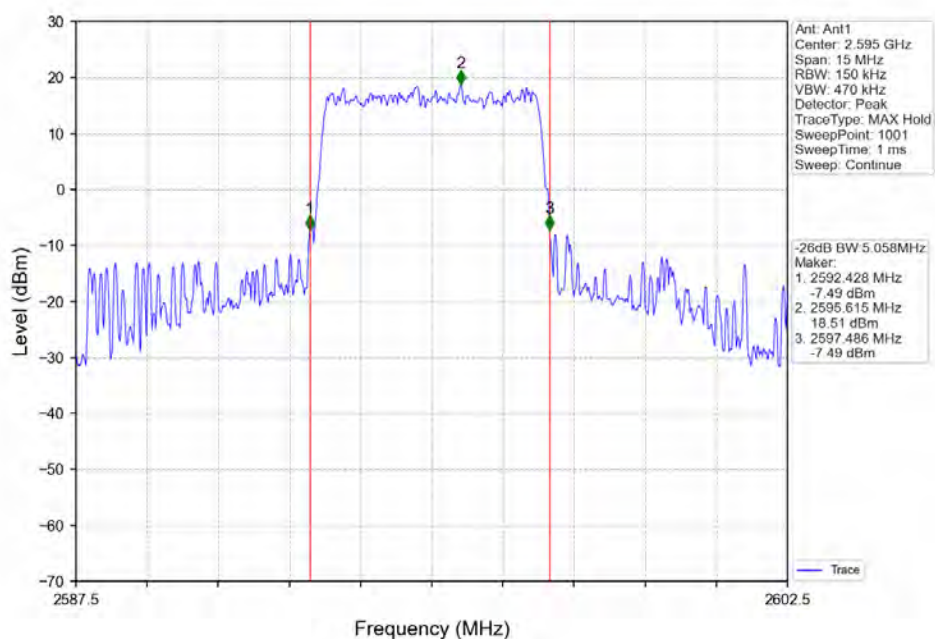
|    |       |        |     |   |        |      |
|----|-------|--------|-----|---|--------|------|
|    | 64QAM | 2542.5 | 75  | 0 | 14.944 | Pass |
|    |       | 2595   | 75  | 0 | 14.783 | Pass |
|    |       | 2647.5 | 75  | 0 | 14.954 | Pass |
| 20 | QPSK  | 2545   | 100 | 0 | 19.560 | Pass |
|    |       | 2595   | 100 | 0 | 19.488 | Pass |
|    |       | 2645   | 100 | 0 | 19.599 | Pass |
|    | 16QAM | 2545   | 100 | 0 | 19.482 | Pass |
|    |       | 2595   | 100 | 0 | 21.713 | Pass |
|    |       | 2645   | 100 | 0 | 19.529 | Pass |
|    | 64QAM | 2545   | 100 | 0 | 19.672 | Pass |
|    |       | 2595   | 100 | 0 | 19.579 | Pass |
|    |       | 2645   | 100 | 0 | 19.704 | Pass |

## TEST GRAPH

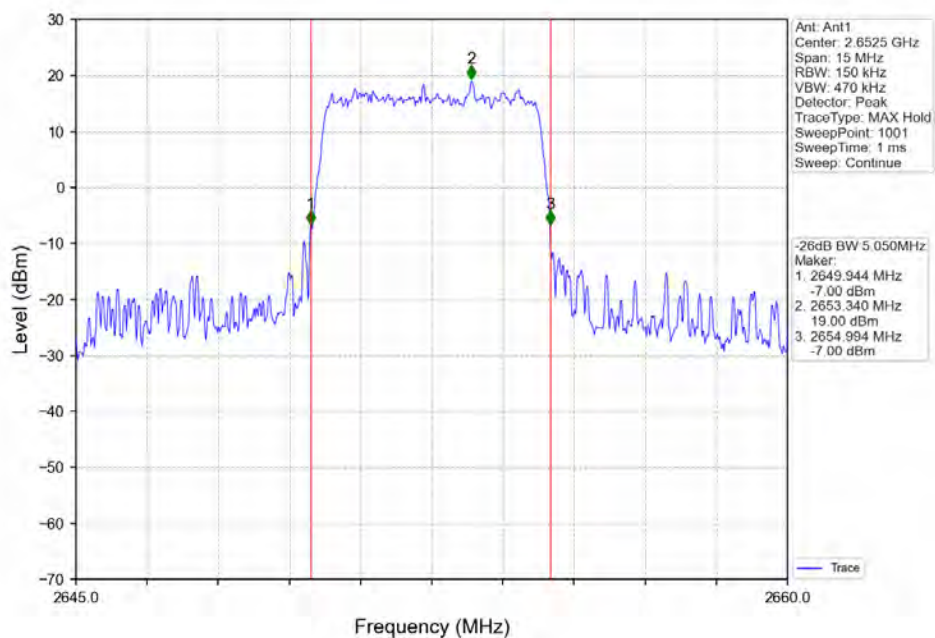
Band41\_5MHz\_QPSK\_LCH\_2537.5MHz\_RB\_25\_0\_NTNV



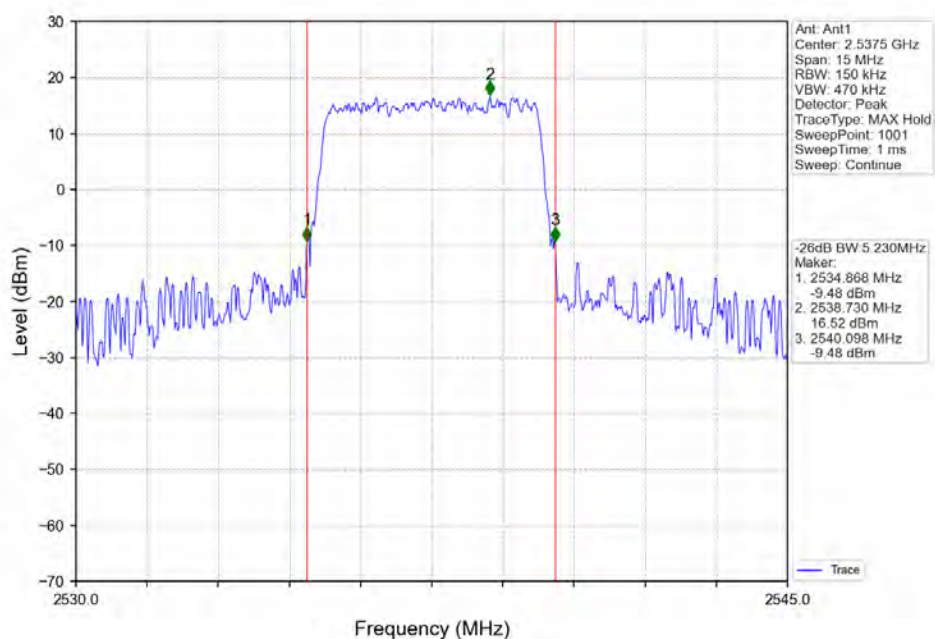
Band41\_5MHz\_QPSK\_MCH\_2595MHz\_RB\_25\_0\_NTNV



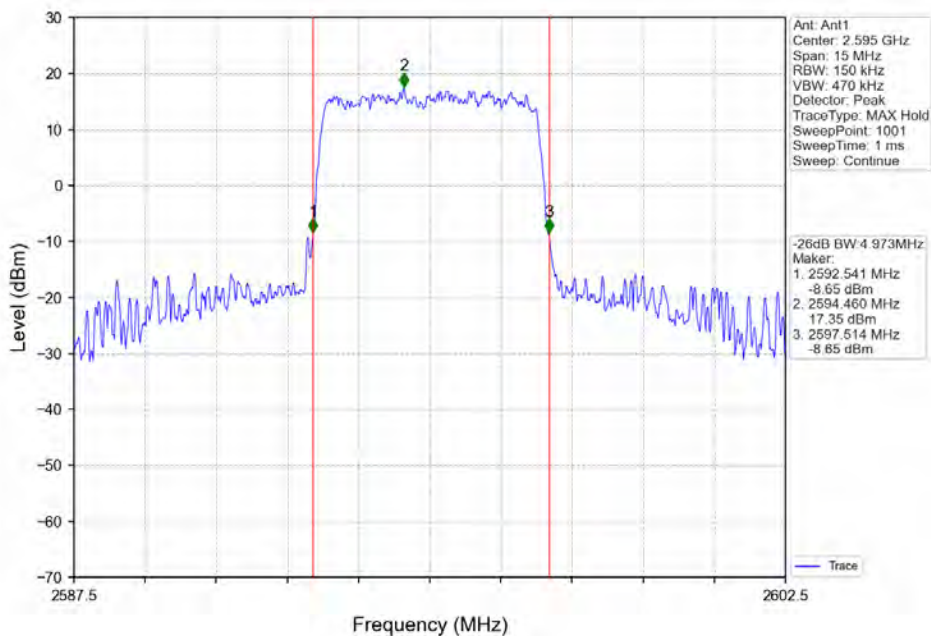
**Band41\_5MHz\_QPSK\_HCH\_2652.5MHz\_RB\_25\_0\_NTNV**



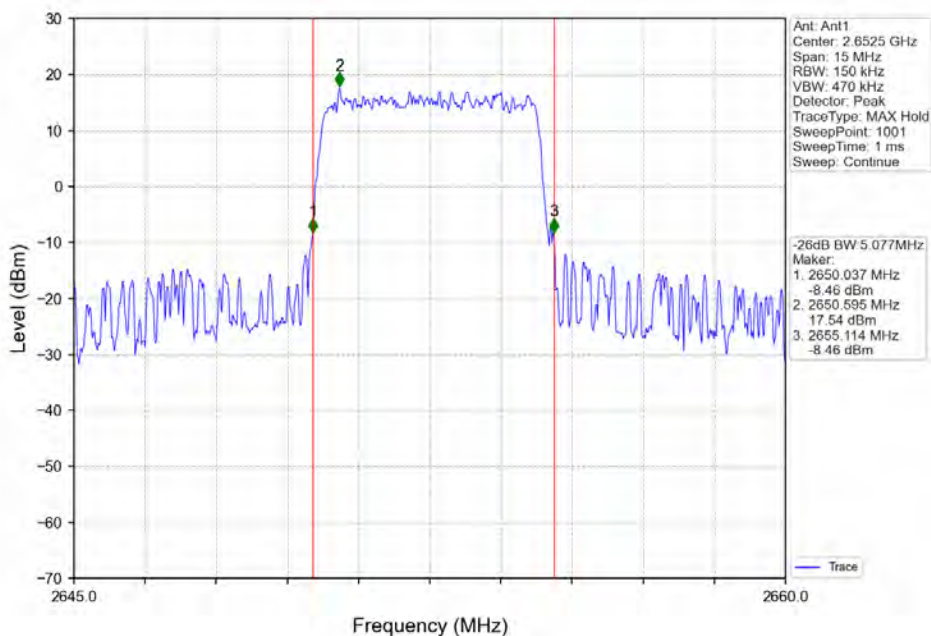
**Band41\_5MHz\_16QAM\_LCH\_2537.5MHz\_RB\_25\_0\_NTNV**



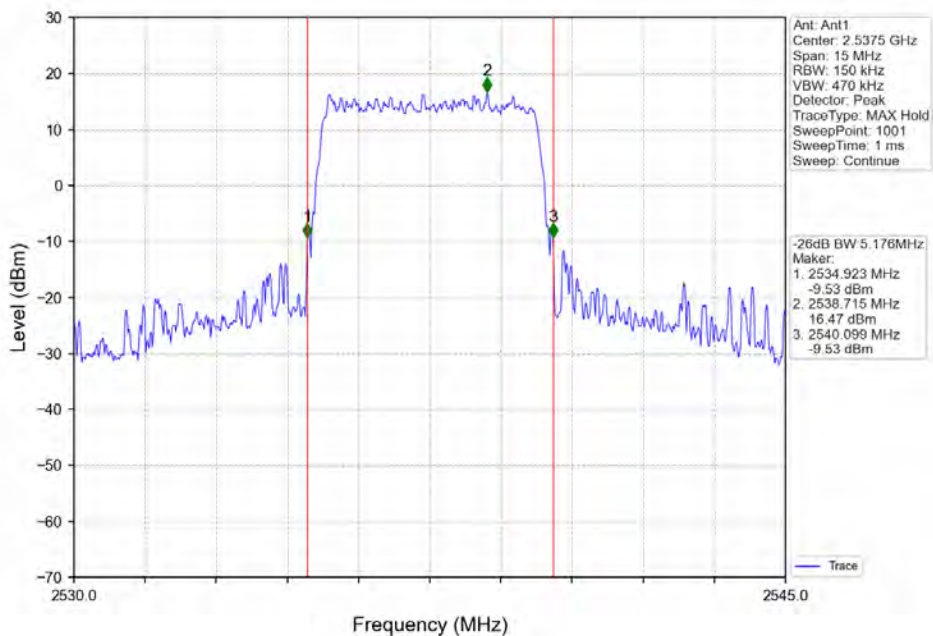
Band41\_5MHz\_16QAM\_MCH\_2595MHz\_RB\_25\_0\_NTNV



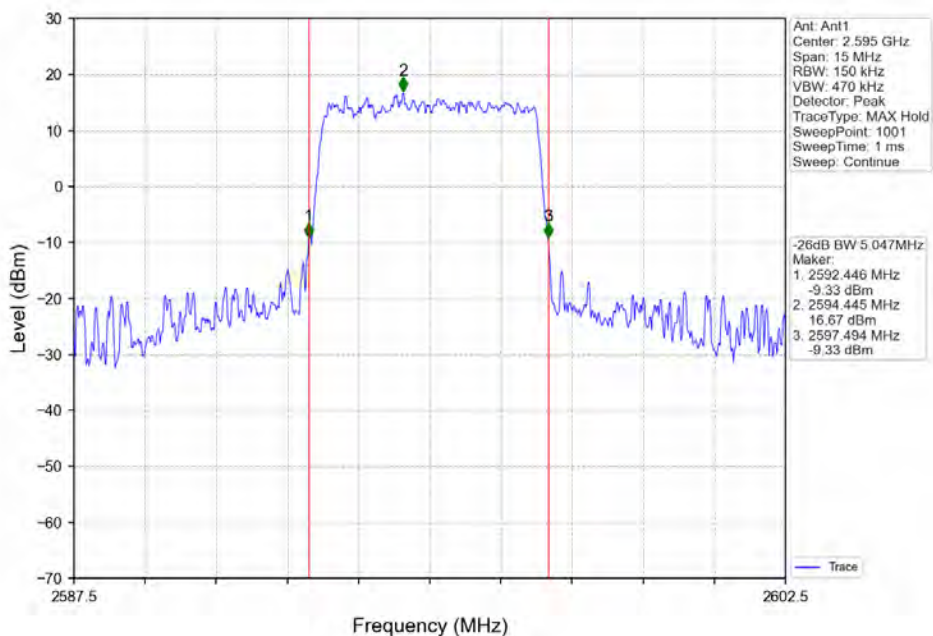
Band41\_5MHz\_16QAM\_HCH\_2652.5MHz\_RB\_25\_0\_NTNV



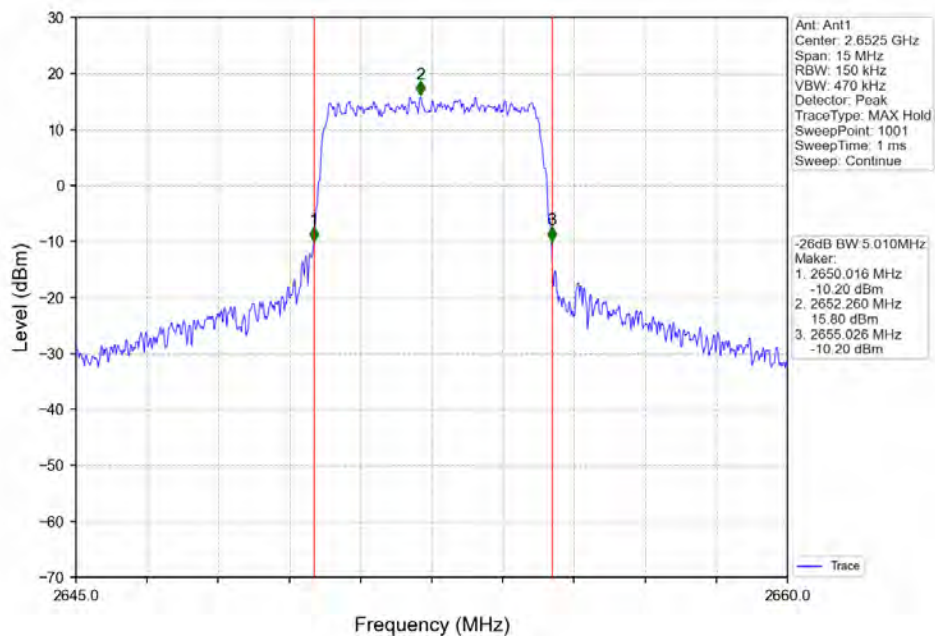
Band41\_5MHz\_64QAM\_LCH\_2537.5MHz\_RB\_25\_0\_NTNV



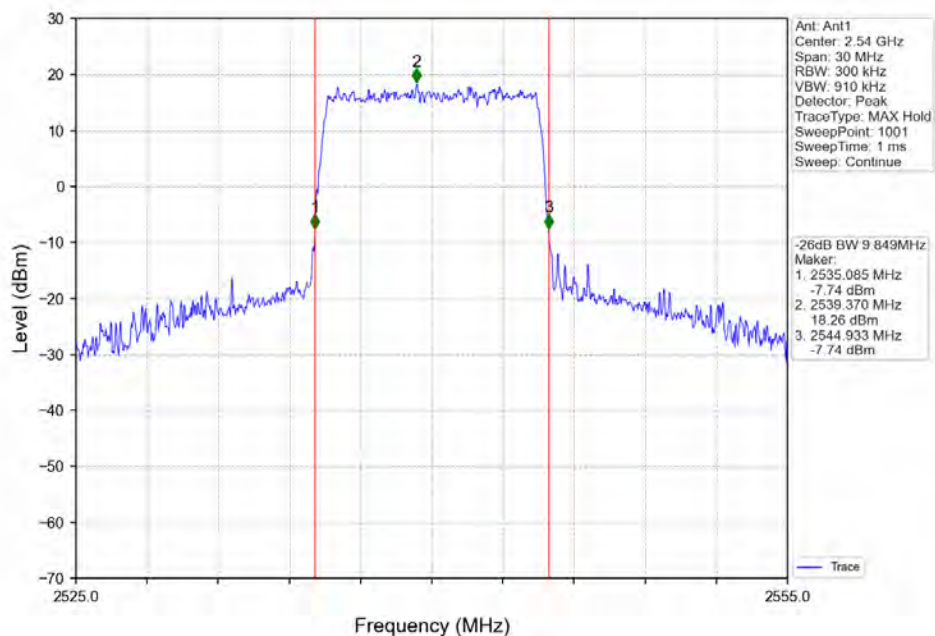
Band41\_5MHz\_64QAM\_MCH\_2595MHz\_RB\_25\_0\_NTNV



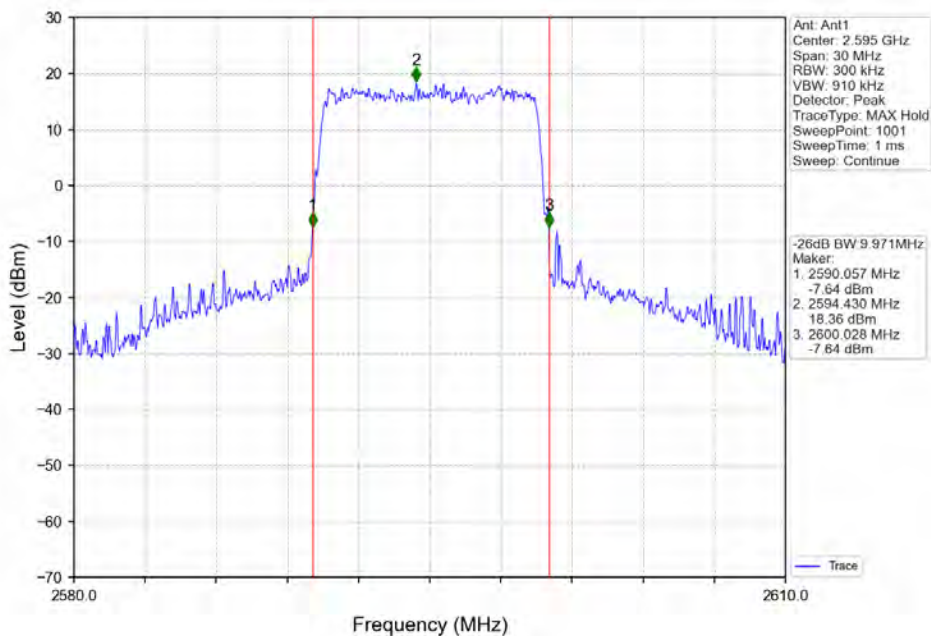
Band41\_5MHz\_64QAM\_HCH\_2652.5MHz\_RB\_25\_0\_NTNV



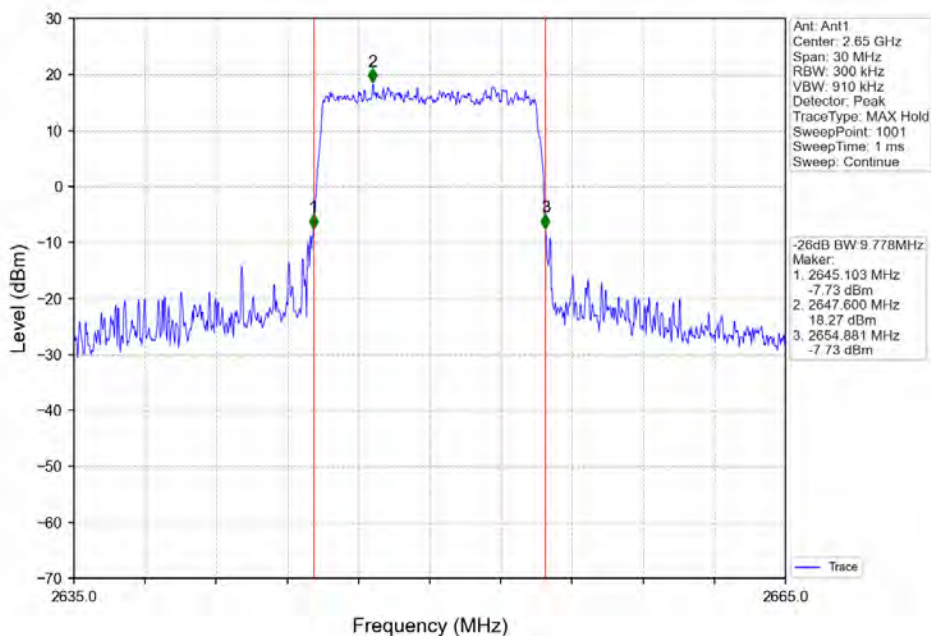
Band41\_10MHz\_QPSK\_LCH\_2540MHz\_RB\_50\_0\_NTNV



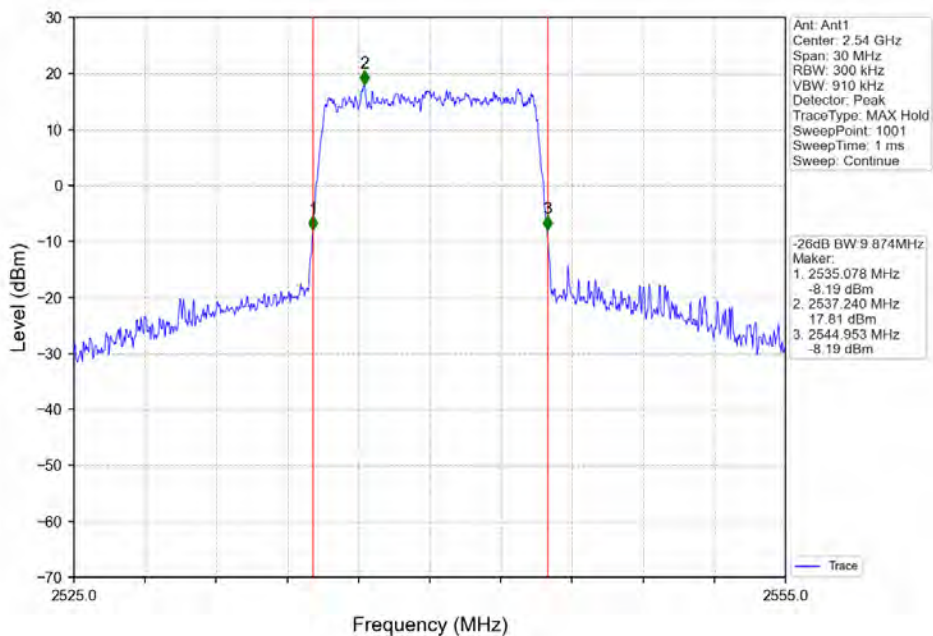
**Band41\_10MHz\_QPSK\_MCH\_2595MHz\_RB\_50\_0\_NTNV**



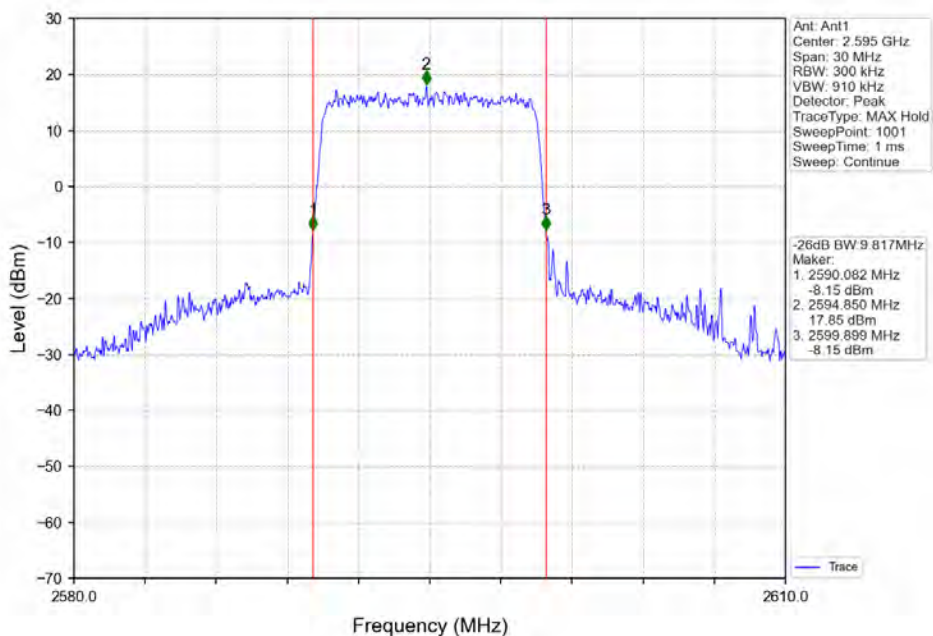
**Band41\_10MHz\_QPSK\_HCH\_2650MHz\_RB\_50\_0\_NTNV**



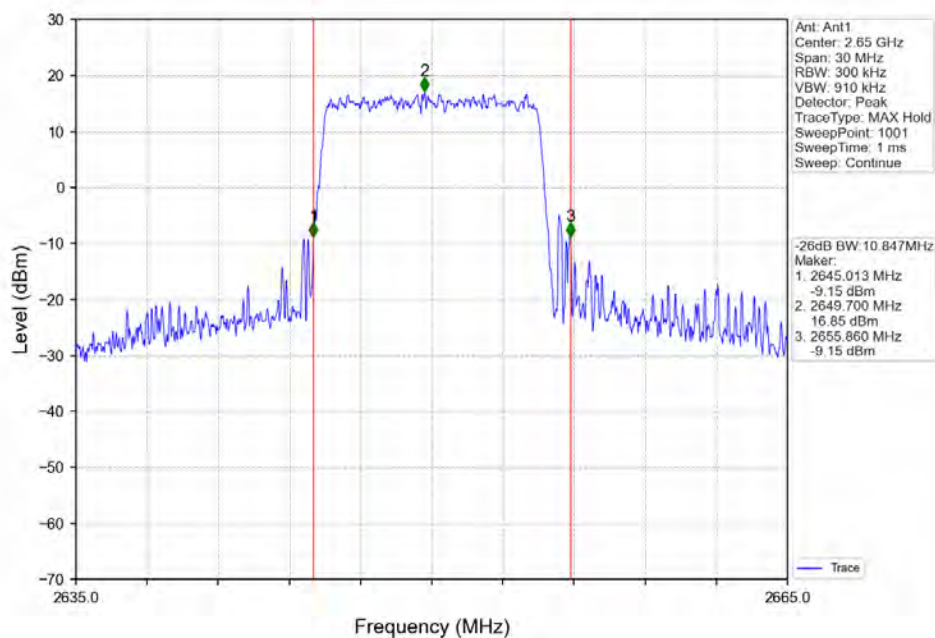
**Band41\_10MHz\_16QAM\_LCH\_2540MHz\_RB\_50\_0\_NTNV**



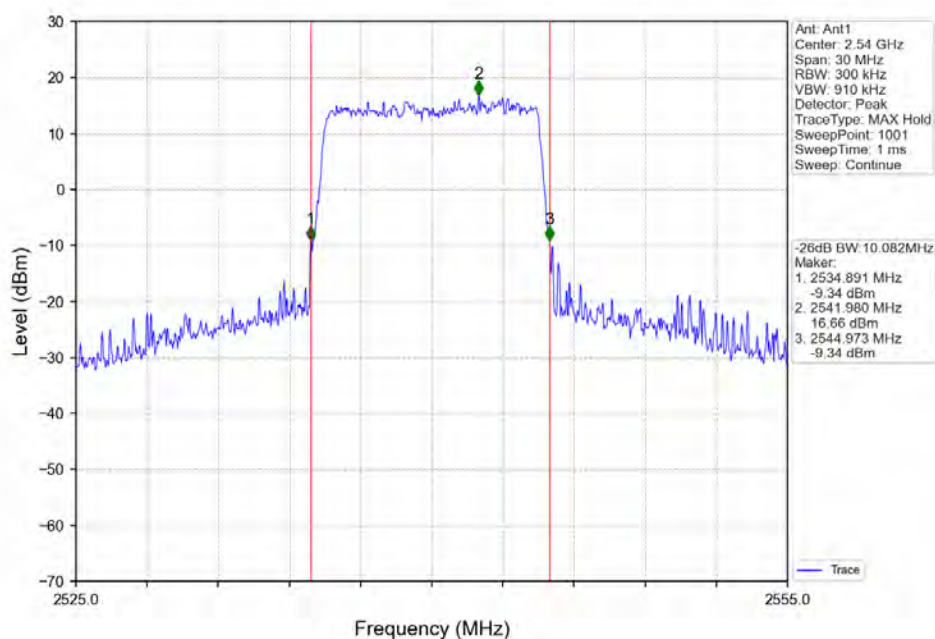
**Band41\_10MHz\_16QAM\_MCH\_2595MHz\_RB\_50\_0\_NTNV**



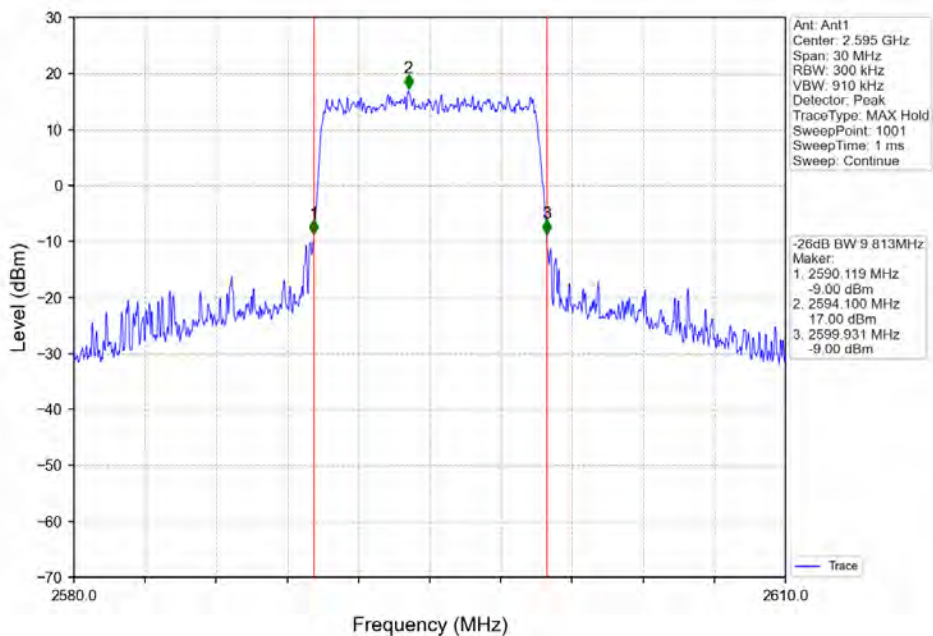
Band41\_10MHz\_16QAM\_HCH\_2650MHz\_RB\_50\_0\_NTNV



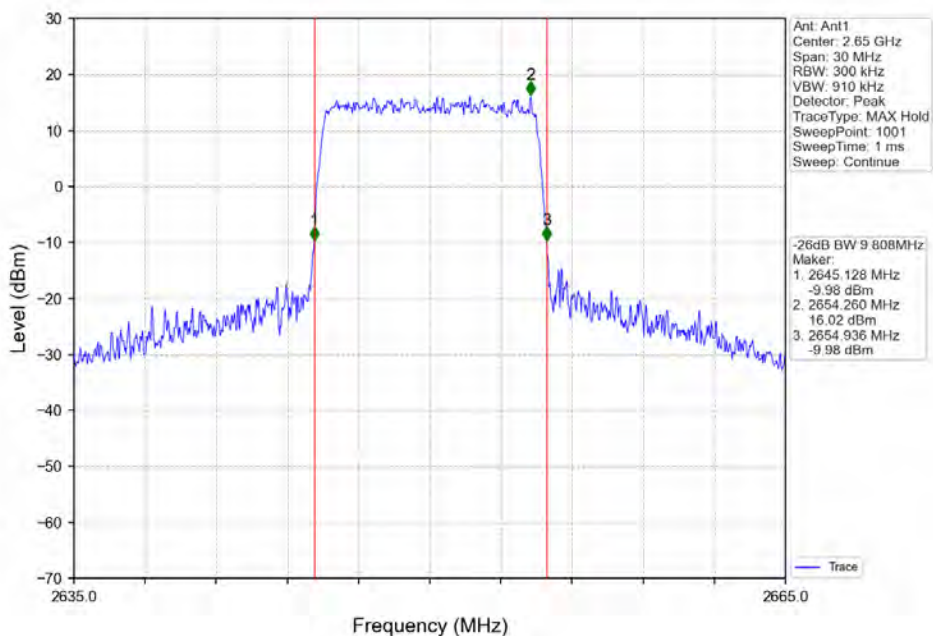
Band41\_10MHz\_64QAM\_LCH\_2540MHz\_RB\_50\_0\_NTNV



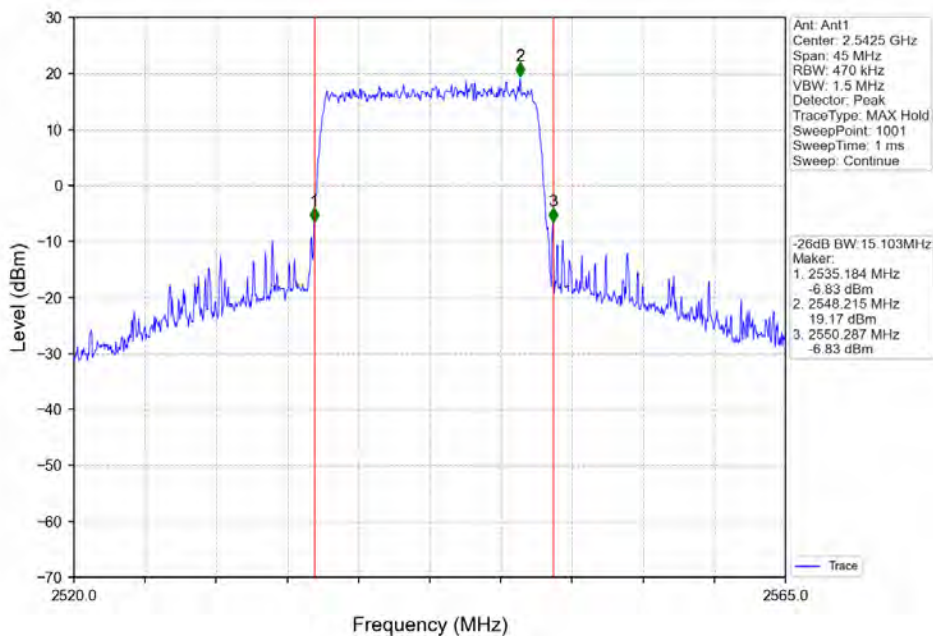
Band41\_10MHz\_64QAM\_MCH\_2595MHz\_RB\_50\_0\_NTNV



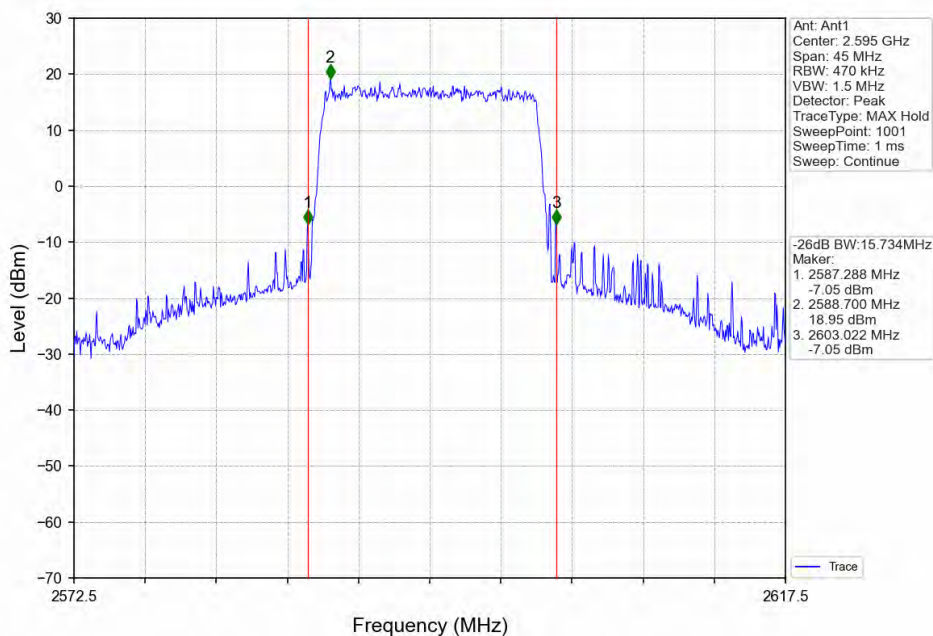
Band41\_10MHz\_64QAM\_HCH\_2650MHz\_RB\_50\_0\_NTNV



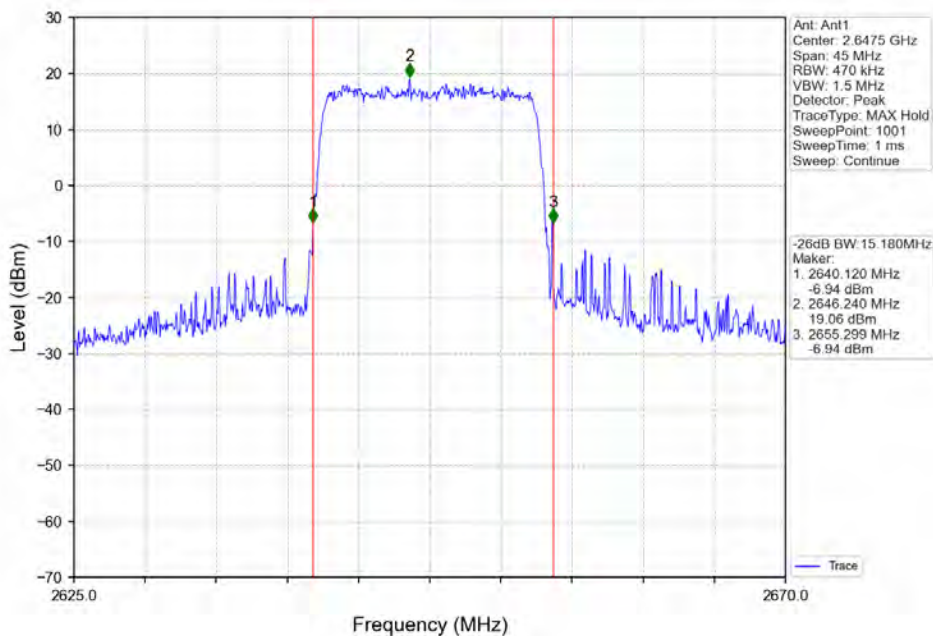
Band41\_15MHz\_QPSK\_LCH\_2542.5MHz\_RB\_75\_0\_NTNV



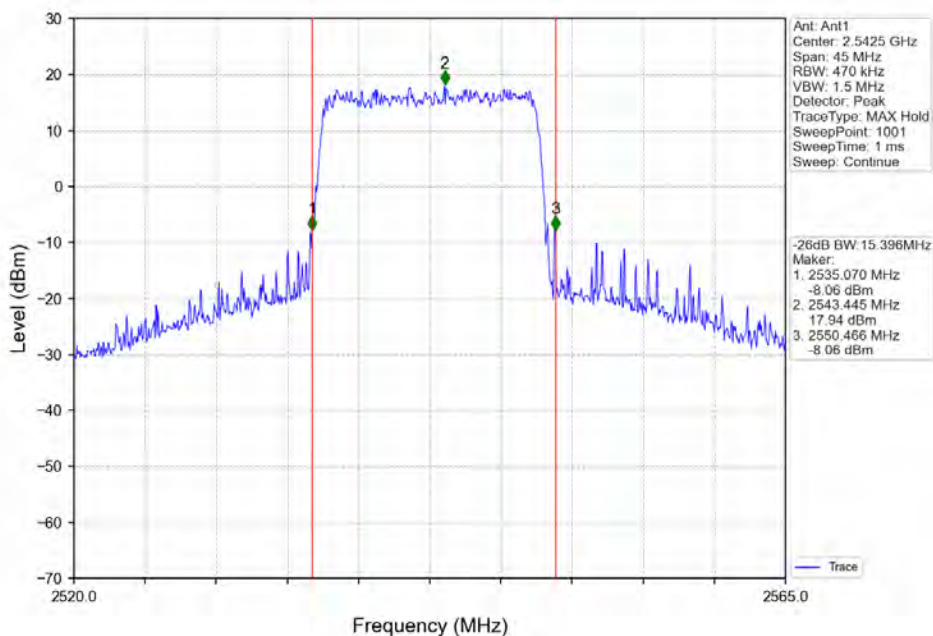
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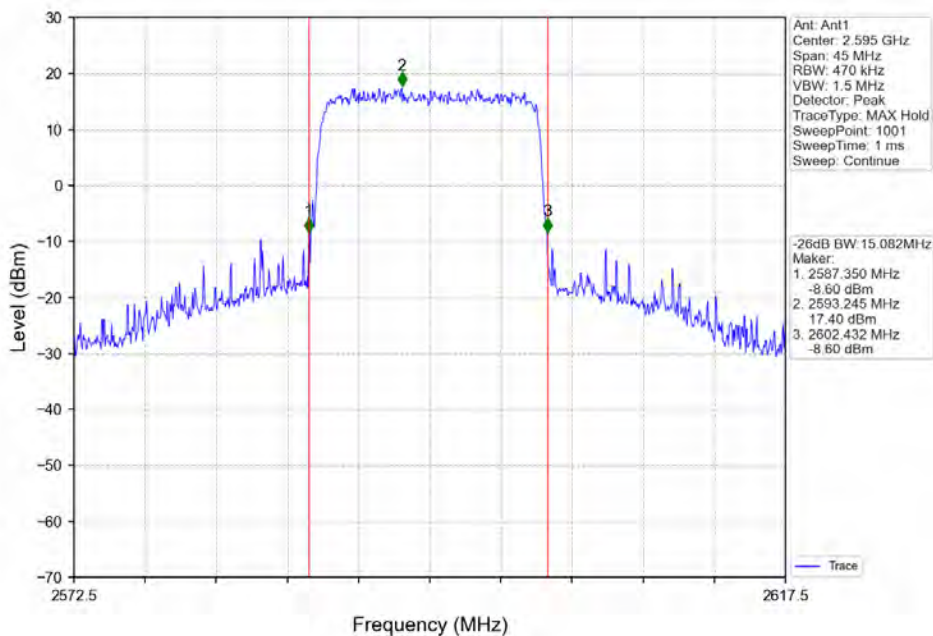
Band41\_15MHz\_QPSK\_HCH\_2647.5MHz\_RB\_75\_0\_NTNV



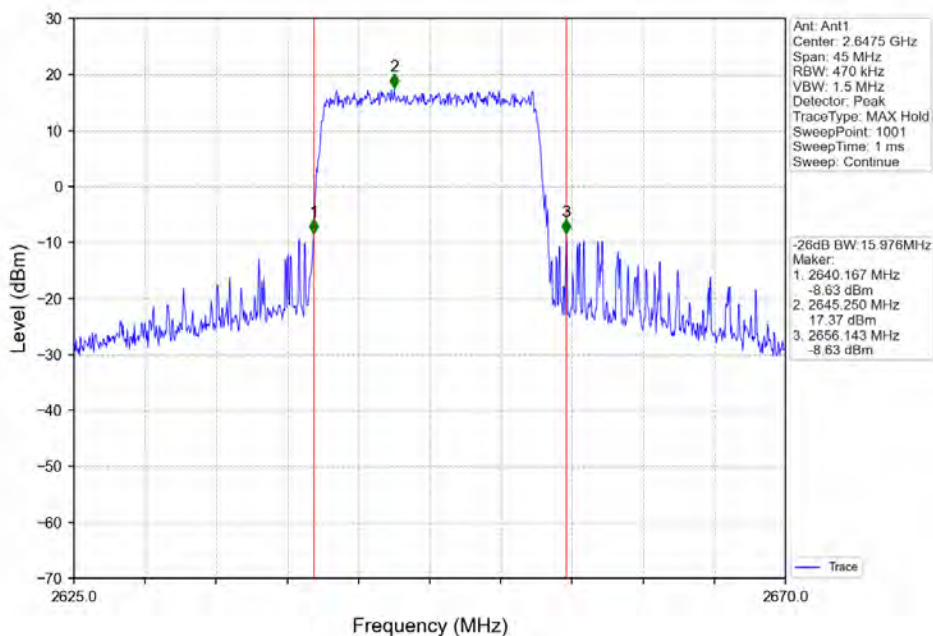
Band41\_15MHz\_16QAM\_LCH\_2542.5MHz\_RB\_75\_0\_NTNV



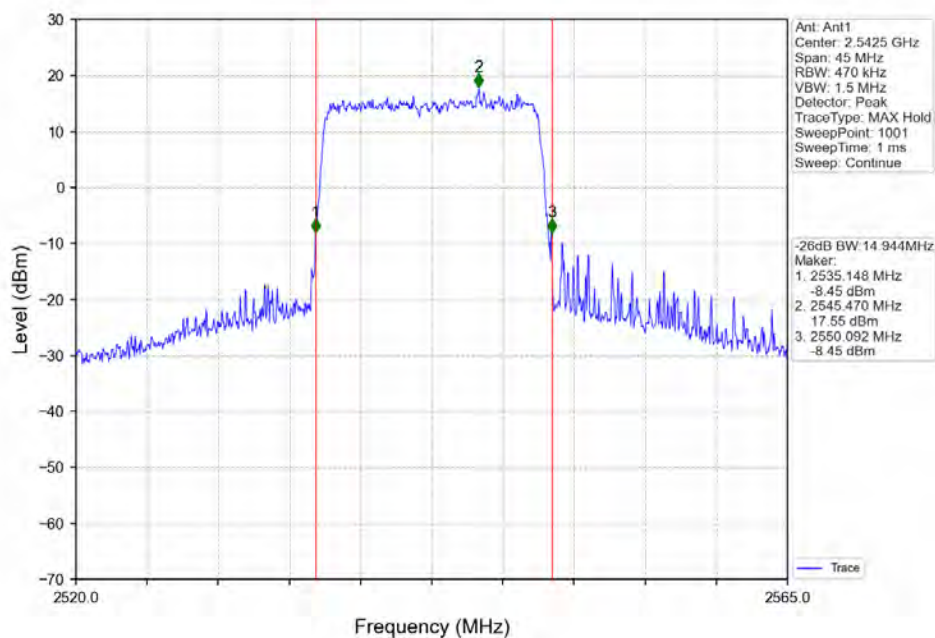
Band41\_15MHz\_16QAM\_MCH\_2595MHz\_RB\_75\_0\_NTNV



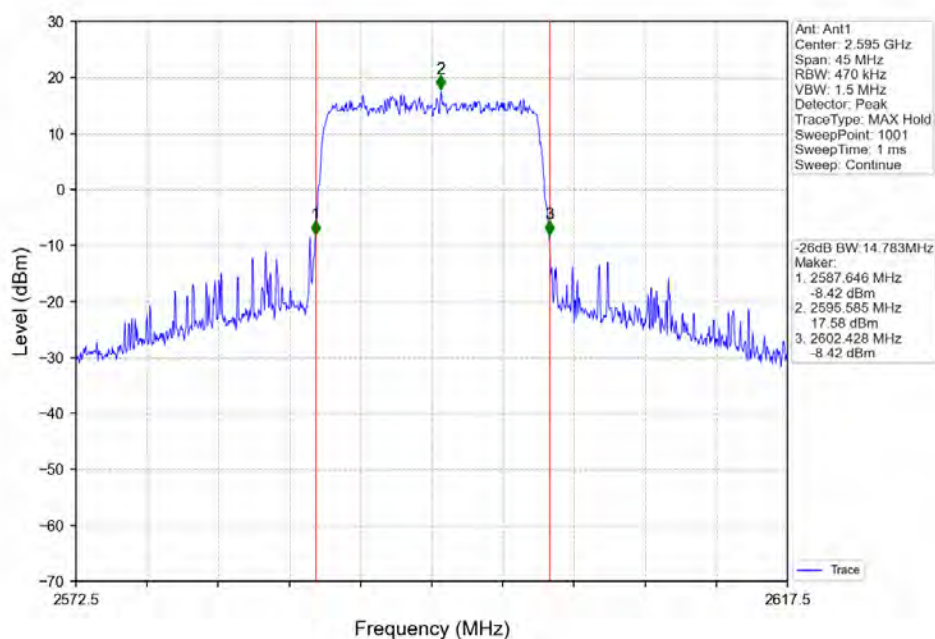
Band41\_15MHz\_16QAM\_HCH\_2647.5MHz\_RB\_75\_0\_NTNV



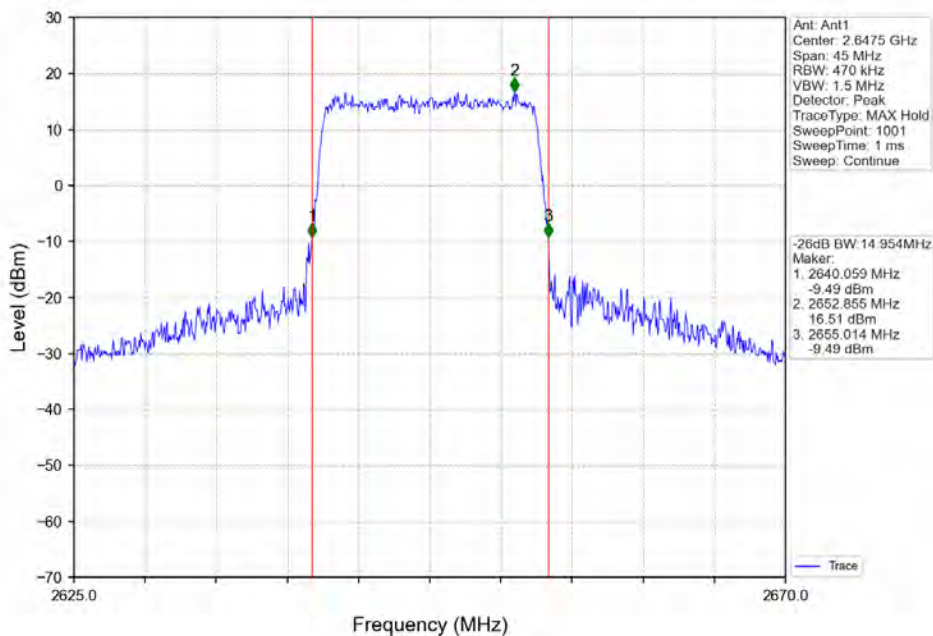
**Band41\_15MHz\_64QAM\_LCH\_2542.5MHz\_RB\_75\_0\_NTNV**



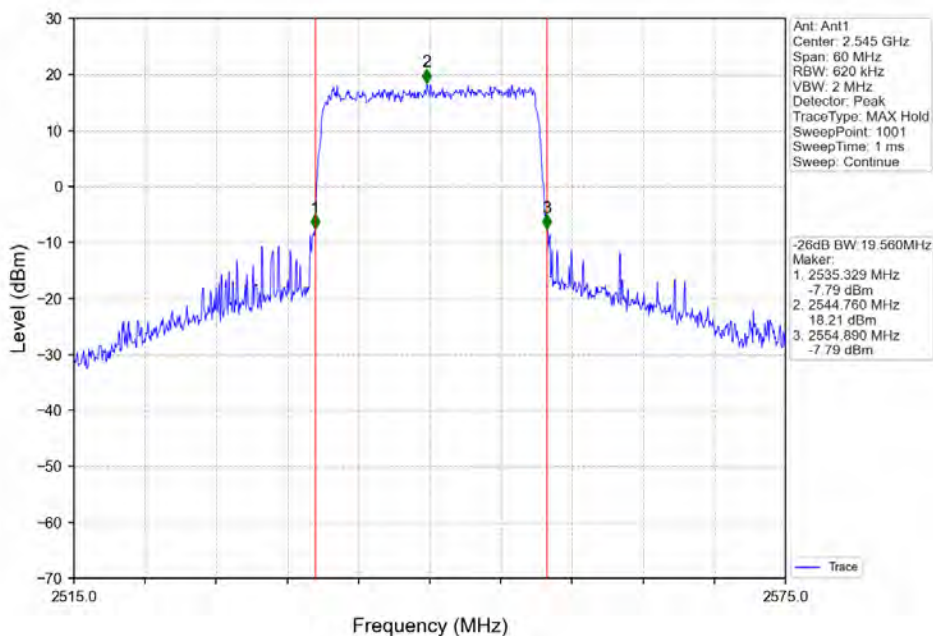
**Band41\_15MHz\_64QAM\_MCH\_2595MHz\_RB\_75\_0\_NTNV**



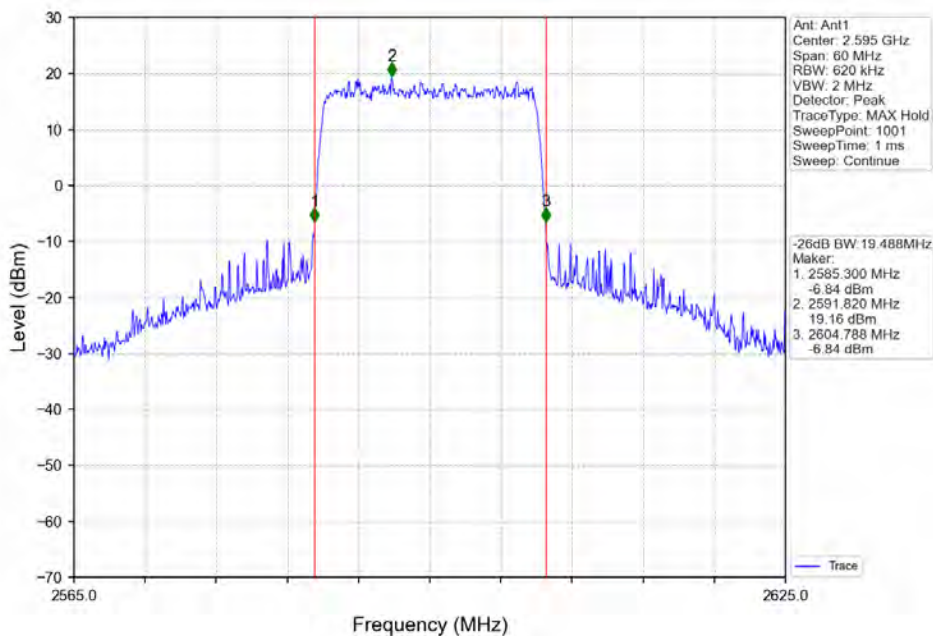
**Band41\_15MHz\_64QAM\_HCH\_2647.5MHz\_RB\_75\_0\_NTNV**



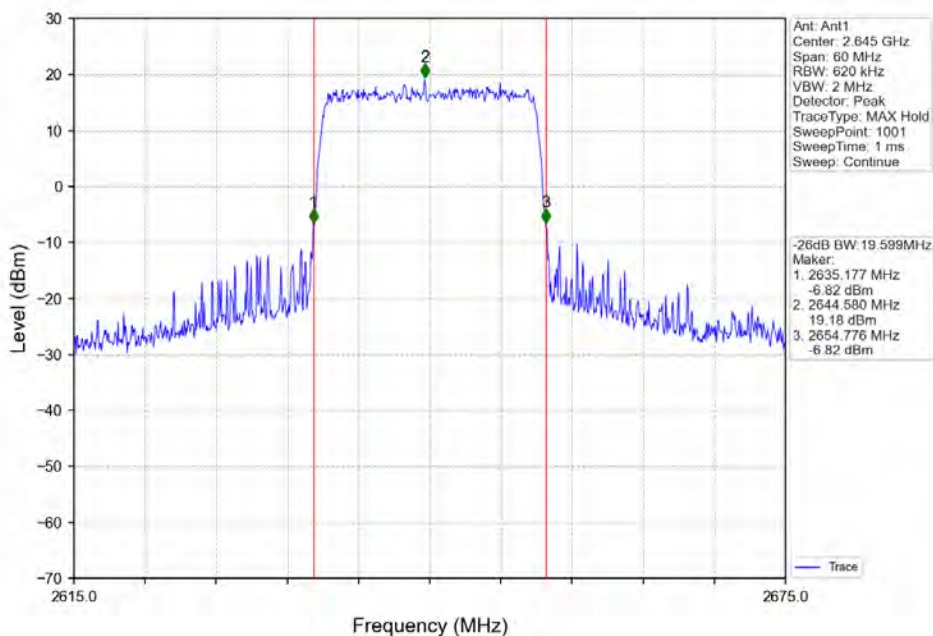
**Band41\_20MHz\_QPSK\_LCH\_2545MHz\_RB\_100\_0\_NTNV**



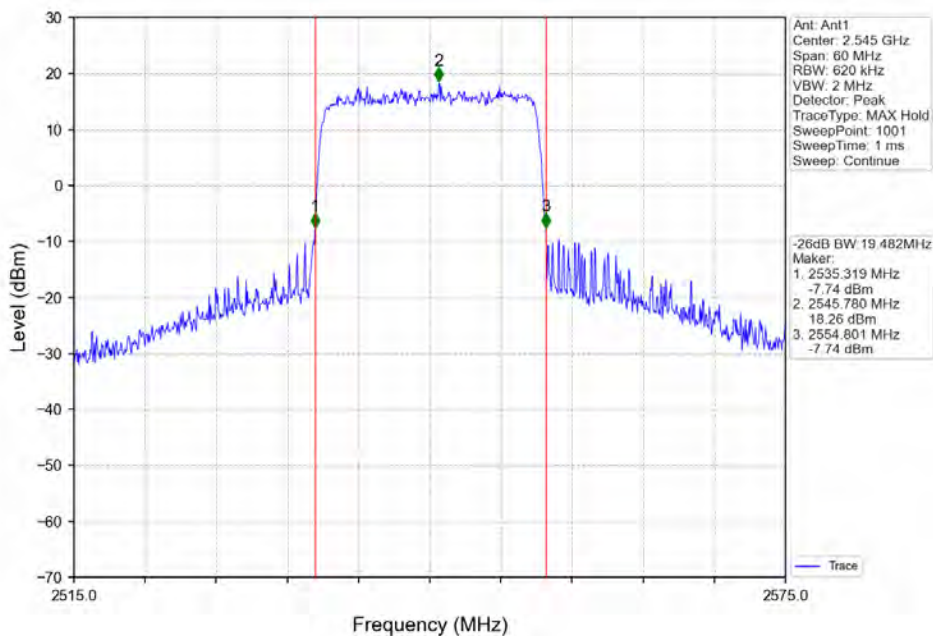
Band41\_20MHz\_QPSK\_MCH\_2595MHz\_RB\_100\_0\_NTNV



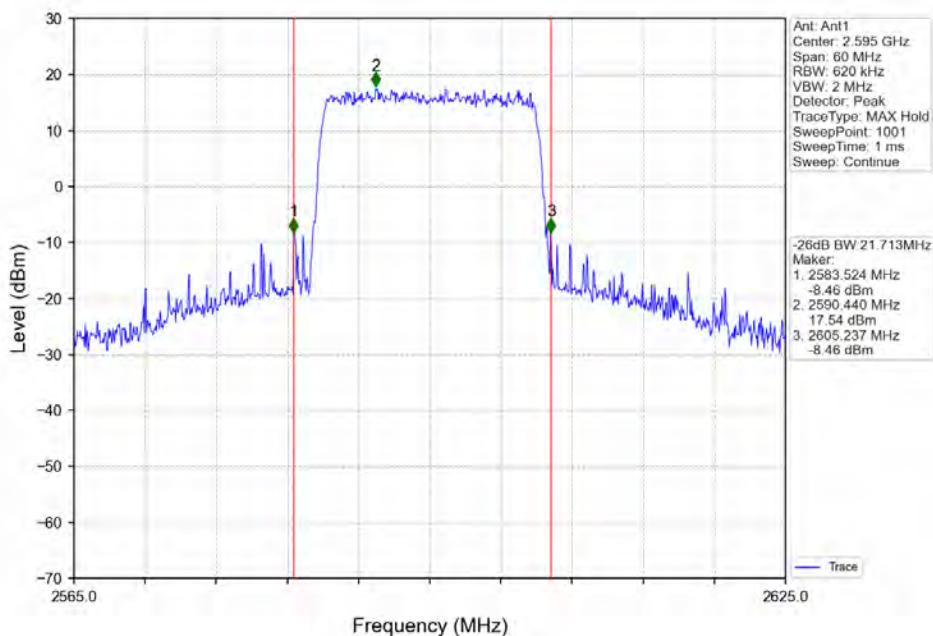
Band41\_20MHz\_QPSK\_HCH\_2645MHz\_RB\_100\_0\_NTNV



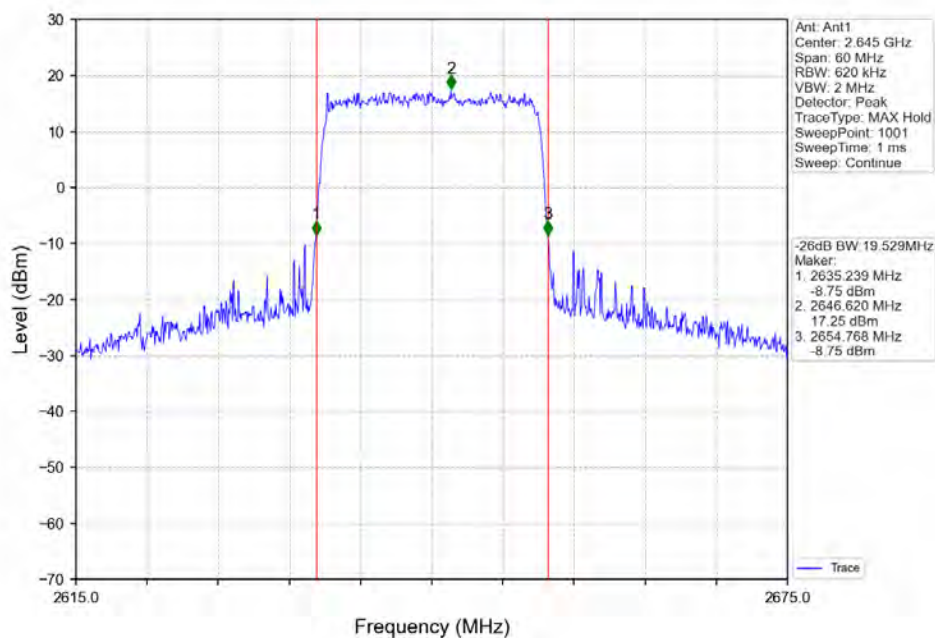
Band41\_20MHz\_16QAM\_LCH\_2545MHz\_RB\_100\_0\_NTNV



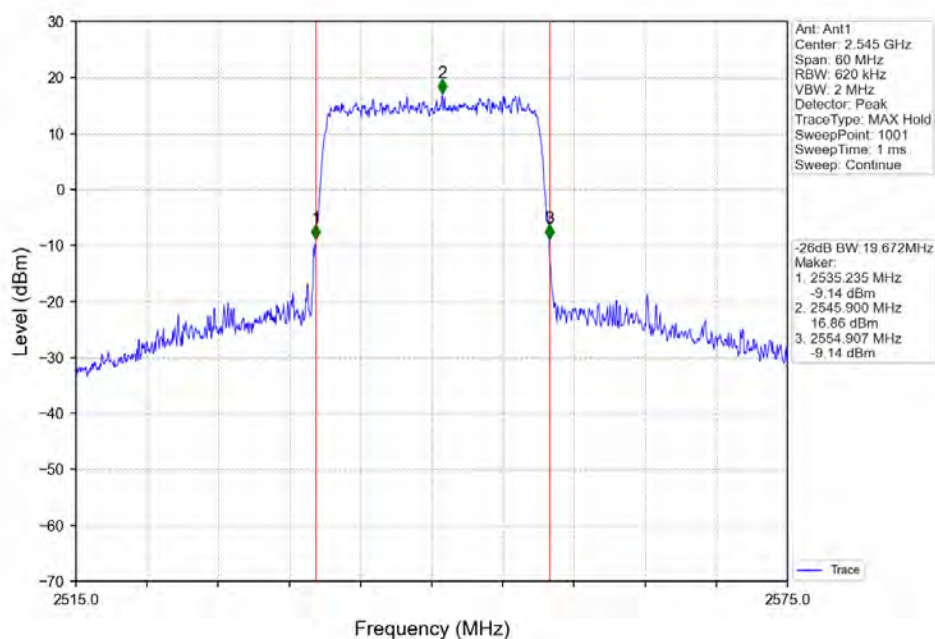
Band41\_20MHz\_16QAM\_MCH\_2595MHz\_RB\_100\_0\_NTNV



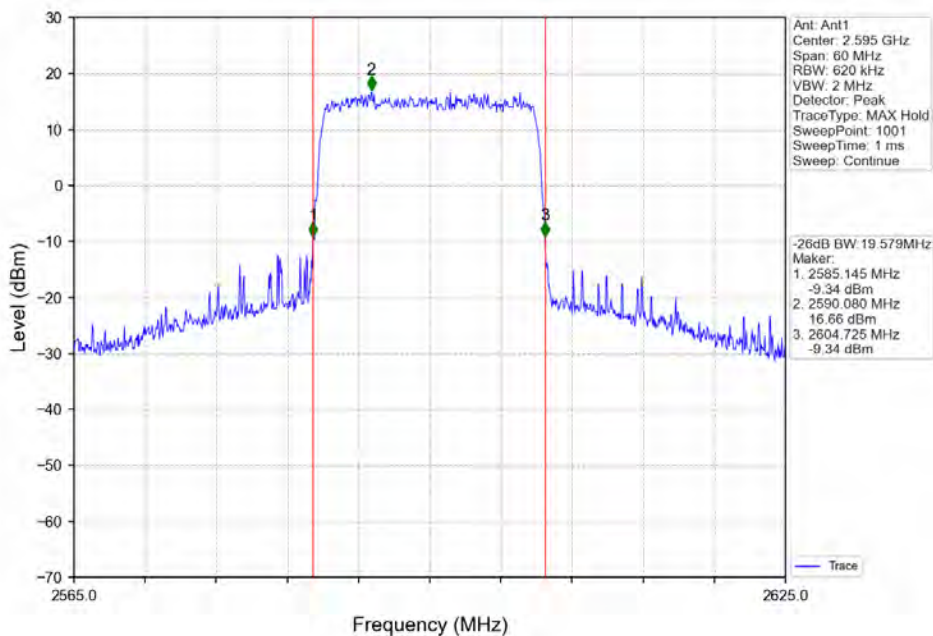
Band41\_20MHz\_16QAM\_HCH\_2645MHz\_RB\_100\_0\_NTNV



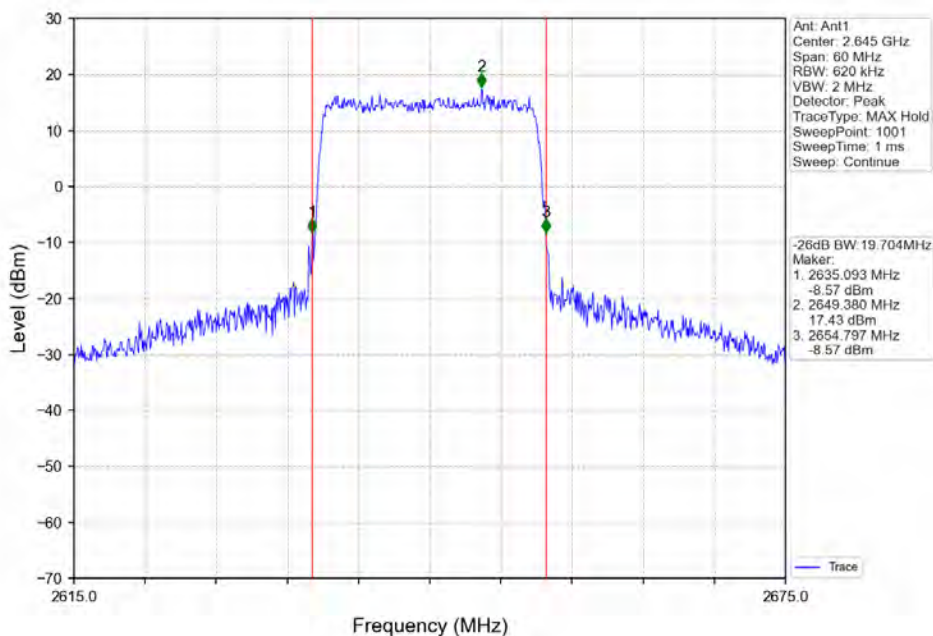
Band41\_20MHz\_64QAM\_LCH\_2545MHz\_RB\_100\_0\_NTNV



Band41\_20MHz\_64QAM\_MCH\_2595MHz\_RB\_100\_0\_NTNV



Band41\_20MHz\_64QAM\_HCH\_2645MHz\_RB\_100\_0\_NTNV



## PEAK-AVERAGE RATIO

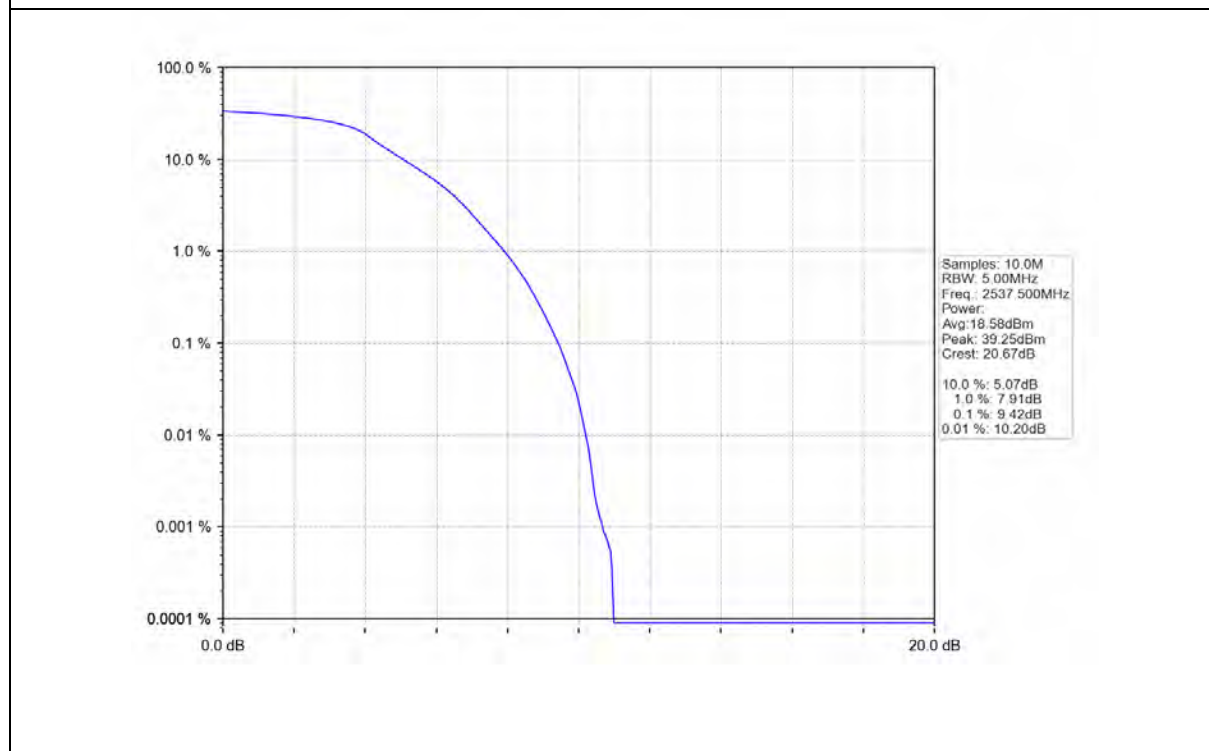
B41\_5MHZ

### TEST RESULT

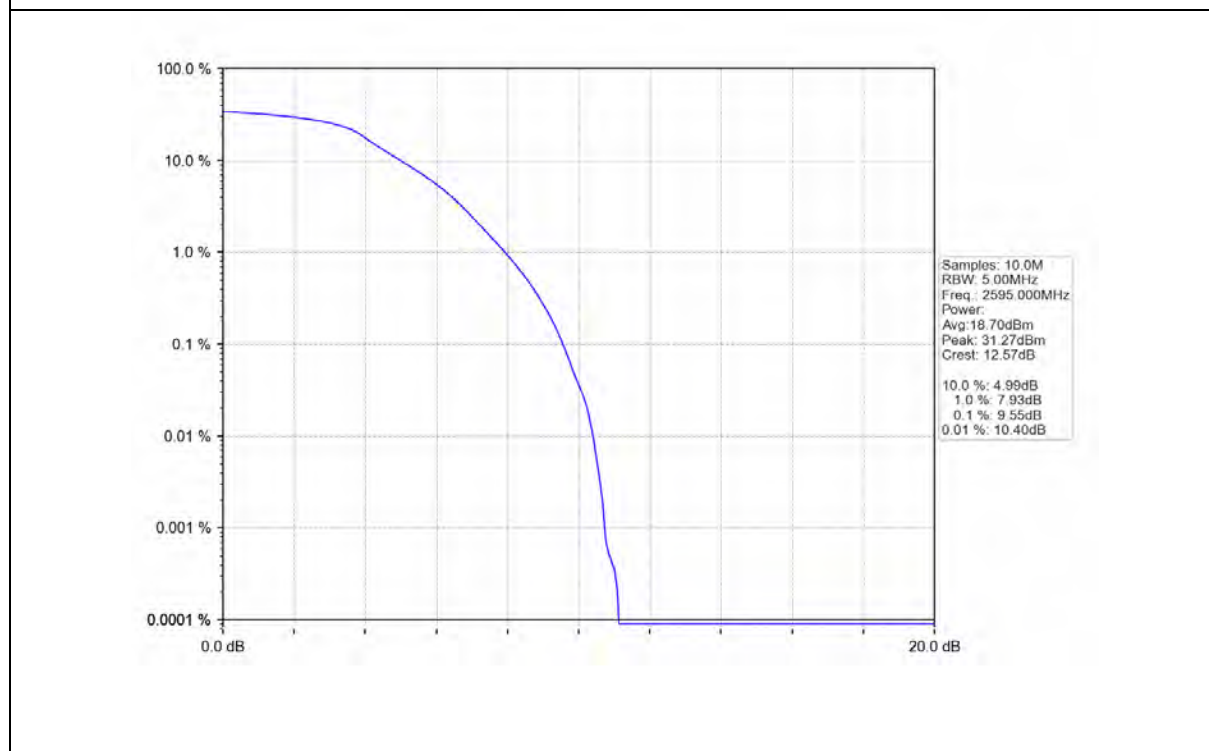
| Band: 41 / Bandwidth: 5MHz / NTNV |                    |               |        |                         |       |         |
|-----------------------------------|--------------------|---------------|--------|-------------------------|-------|---------|
| Modulation                        | Frequency<br>(MHz) | RB Allocation |        | Peak-Average Ratio (dB) |       | Verdict |
|                                   |                    | Size          | Offset | Result                  | Limit |         |
| QPSK                              | 2537.5             | 25            | 0      | 9.42                    | <=13  | Pass    |
|                                   | 2595               | 25            | 0      | 9.55                    | <=13  | Pass    |
|                                   | 2652.5             | 25            | 0      | 9.24                    | <=13  | Pass    |
| 16QAM                             | 2537.5             | 25            | 0      | 10.17                   | <=13  | Pass    |
|                                   | 2595               | 25            | 0      | 9.93                    | <=13  | Pass    |
|                                   | 2652.5             | 25            | 0      | 9.92                    | <=13  | Pass    |
| 64QAM                             | 2537.5             | 25            | 0      | 9.98                    | <=13  | Pass    |
|                                   | 2595               | 25            | 0      | 10.12                   | <=13  | Pass    |
|                                   | 2652.5             | 25            | 0      | 9.73                    | <=13  | Pass    |

## TEST GRAPH

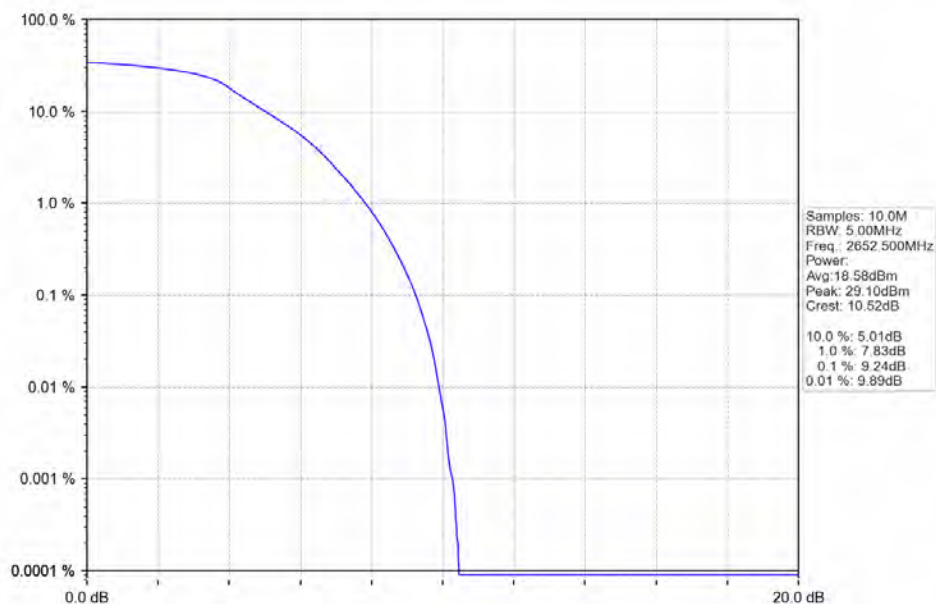
Band41\_5MHz\_QPSK\_LCH\_2537.5MHz\_RB\_25\_0\_NTNV



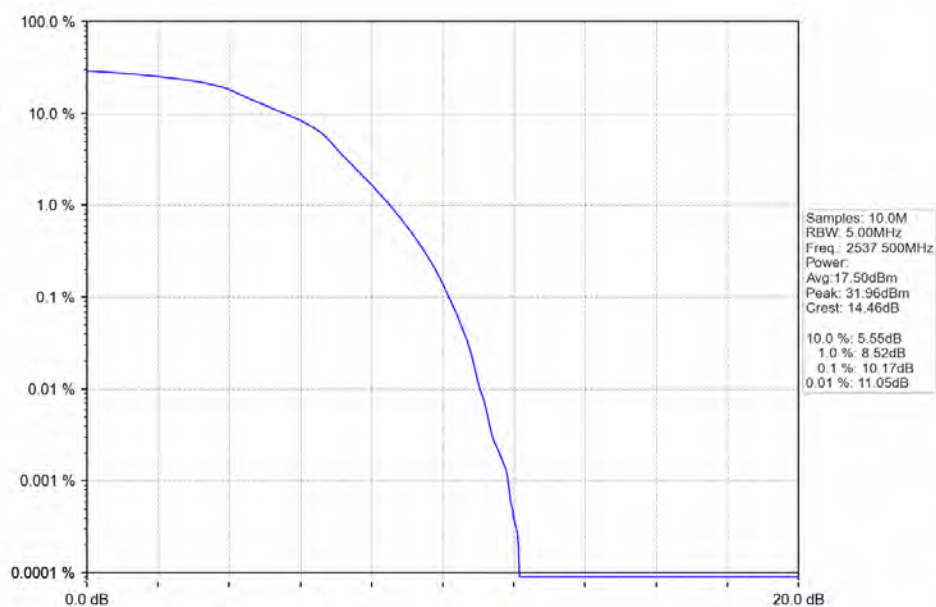
Band41\_5MHz\_QPSK\_MCH\_2595MHz\_RB\_25\_0\_NTNV



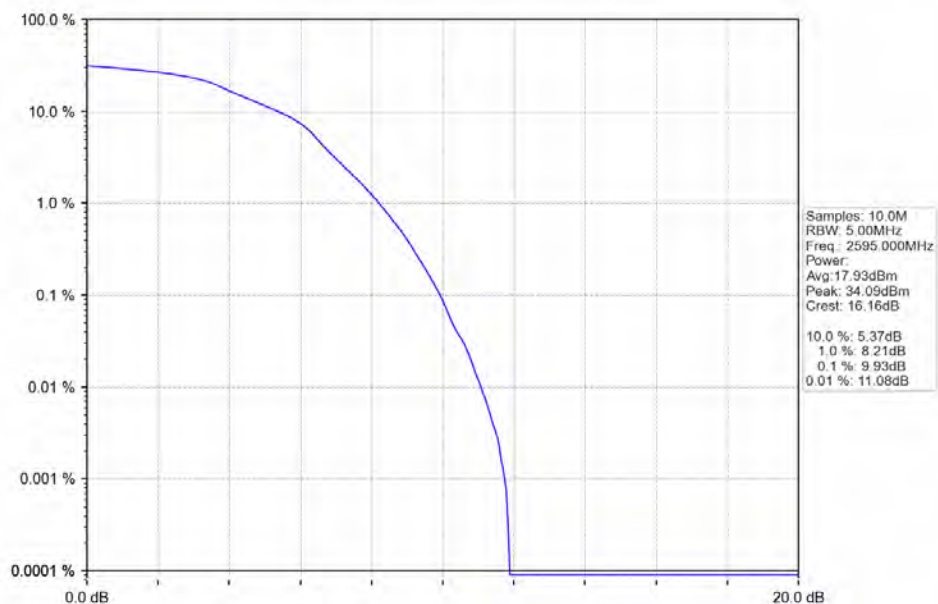
**Band41\_5MHz\_QPSK\_HCH\_2652.5MHz\_RB\_25\_0\_NTNV**



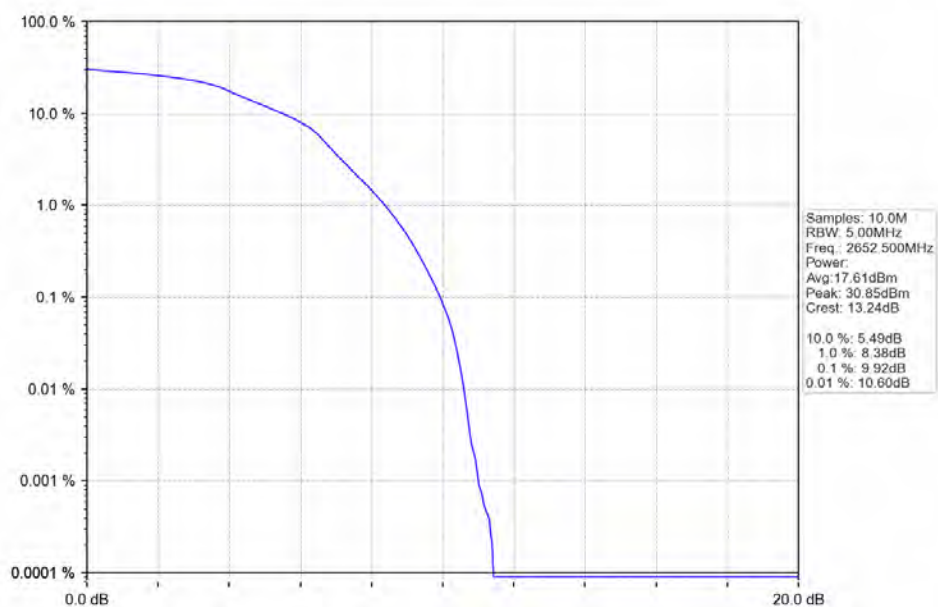
**Band41\_5MHz\_16QAM\_LCH\_2537.5MHz\_RB\_25\_0\_NTNV**



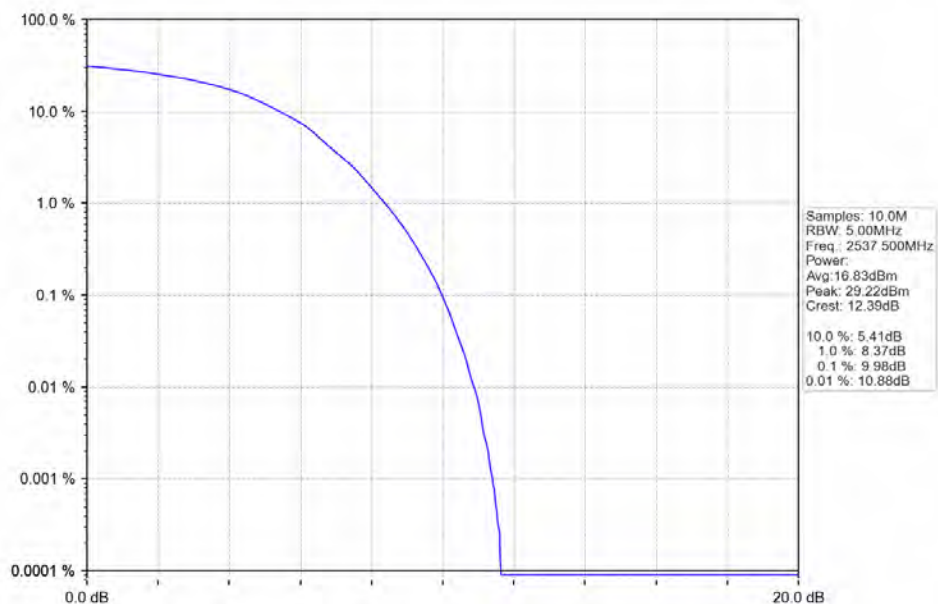
**Band41\_5MHz\_16QAM\_MCH\_2595MHz\_RB\_25\_0\_NTNV**



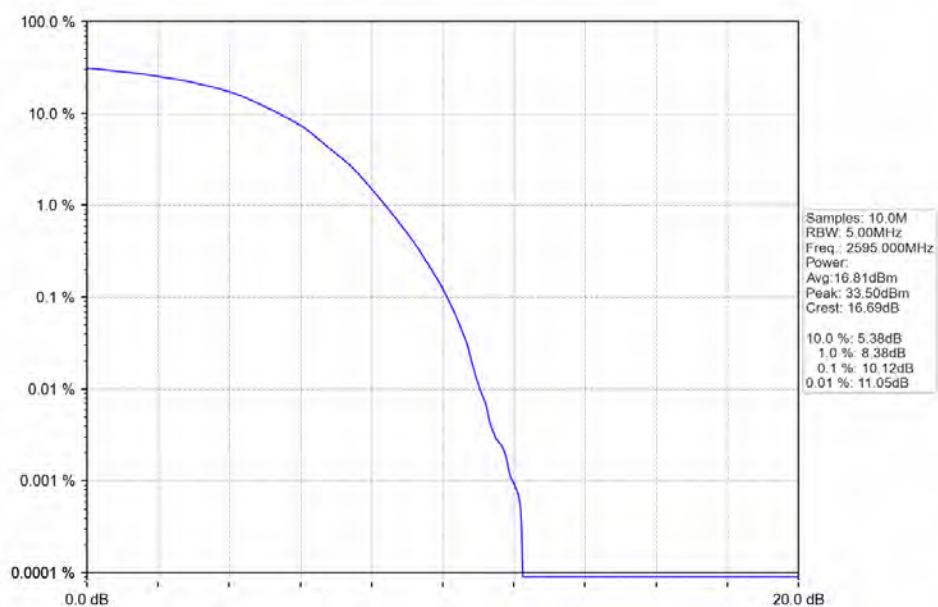
**Band41\_5MHz\_16QAM\_HCH\_2652.5MHz\_RB\_25\_0\_NTNV**



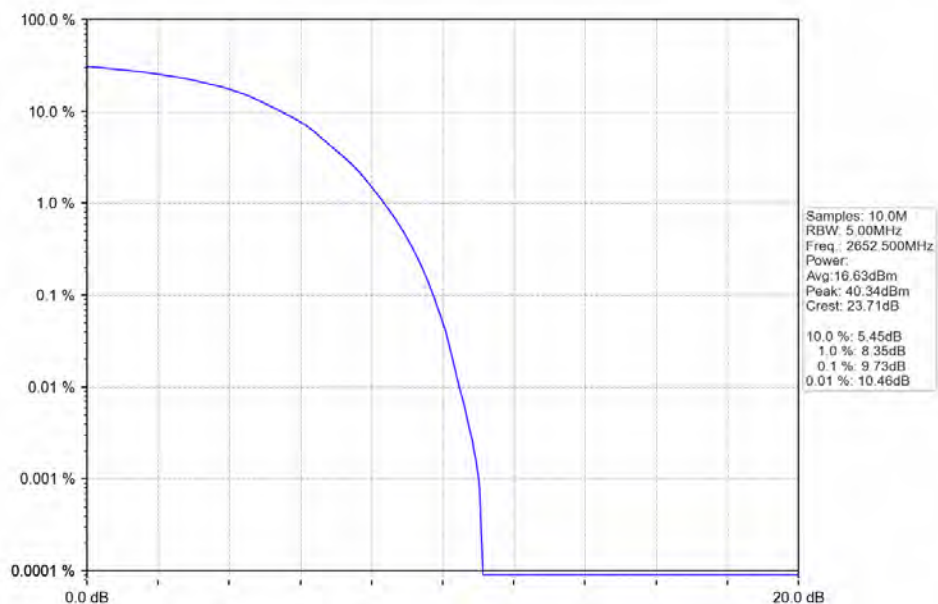
**Band41\_5MHz\_64QAM\_LCH\_2537.5MHz\_RB\_25\_0\_NTNV**



**Band41\_5MHz\_64QAM\_MCH\_2595MHz\_RB\_25\_0\_NTNV**



**Band41\_5MHz\_64QAM\_HCH\_2652.5MHz\_RB\_25\_0\_NTNV**



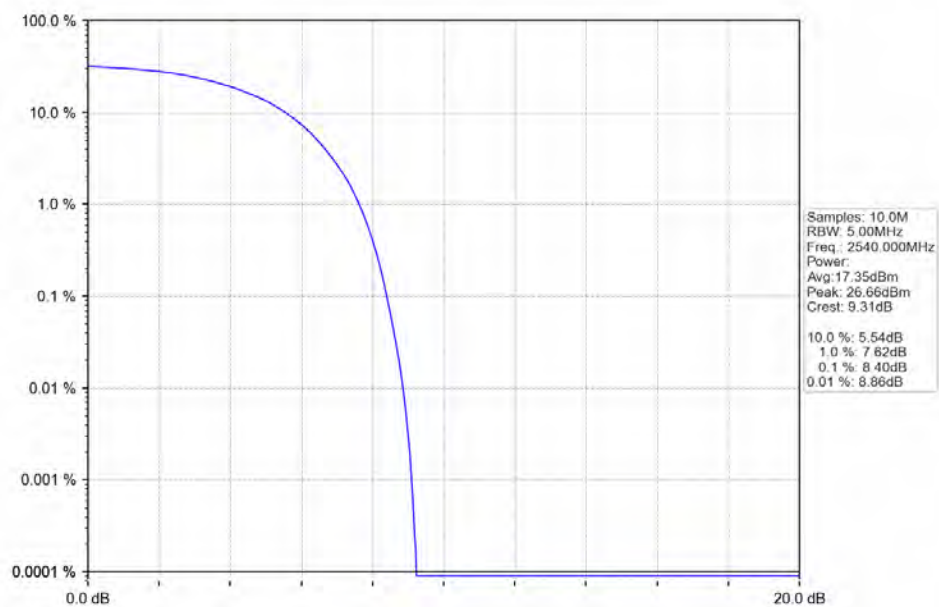
B41\_10MHZ

**TEST RESULT**

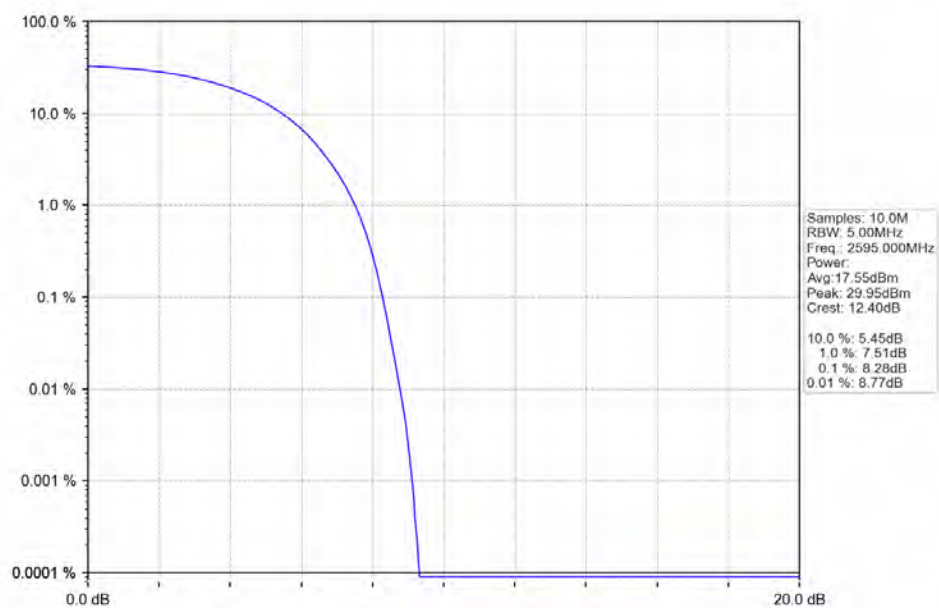
| Band: 41 / Bandwidth: 10MHz / NTNV |                    |               |        |                         |       |         |
|------------------------------------|--------------------|---------------|--------|-------------------------|-------|---------|
| Modulation                         | Frequency<br>(MHz) | RB Allocation |        | Peak-Average Ratio (dB) |       | Verdict |
|                                    |                    | Size          | Offset | Result                  | Limit |         |
| QPSK                               | 2540               | 50            | 0      | 8.40                    | <=13  | Pass    |
|                                    | 2595               | 50            | 0      | 8.28                    | <=13  | Pass    |
|                                    | 2650               | 50            | 0      | 8.30                    | <=13  | Pass    |
| 16QAM                              | 2540               | 50            | 0      | 9.79                    | <=13  | Pass    |
|                                    | 2595               | 50            | 0      | 9.70                    | <=13  | Pass    |
|                                    | 2650               | 50            | 0      | 9.93                    | <=13  | Pass    |
| 64QAM                              | 2540               | 50            | 0      | 9.89                    | <=13  | Pass    |
|                                    | 2595               | 50            | 0      | 10.05                   | <=13  | Pass    |
|                                    | 2650               | 50            | 0      | 10.27                   | <=13  | Pass    |

## TEST GRAPH

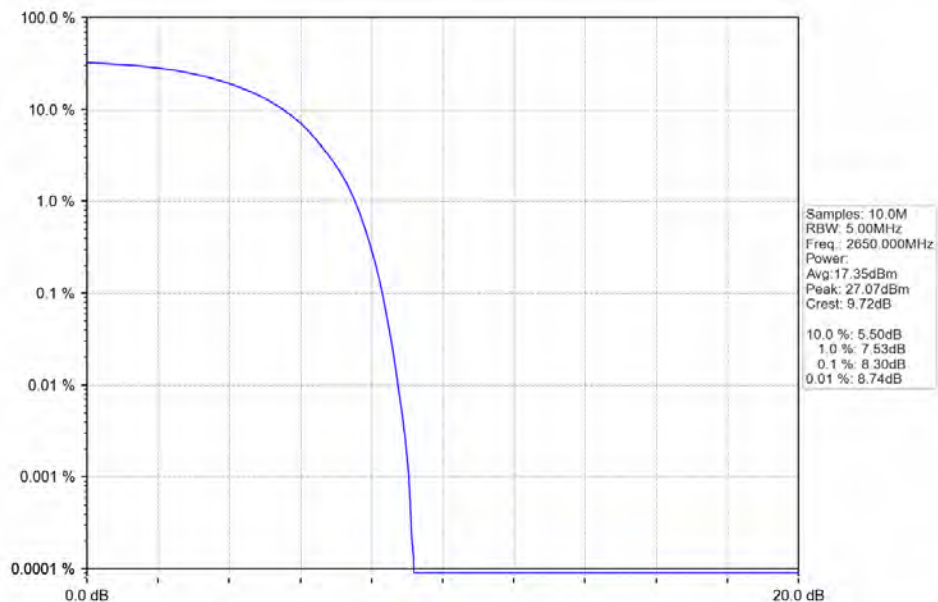
Band41\_10MHz\_QPSK\_LCH\_2540MHz\_RB\_50\_0\_NTNV



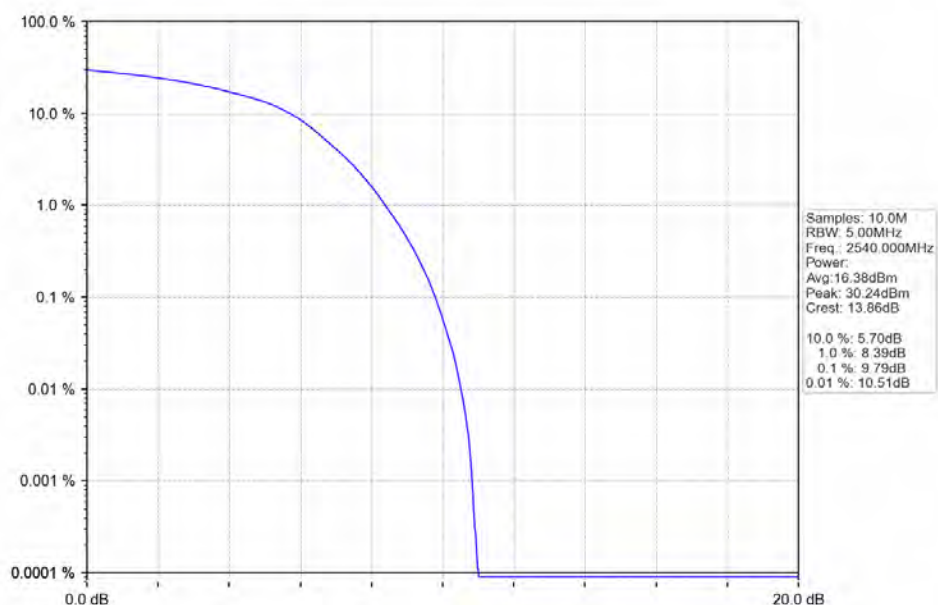
Band41\_10MHz\_QPSK\_MCH\_2595MHz\_RB\_50\_0\_NTNV



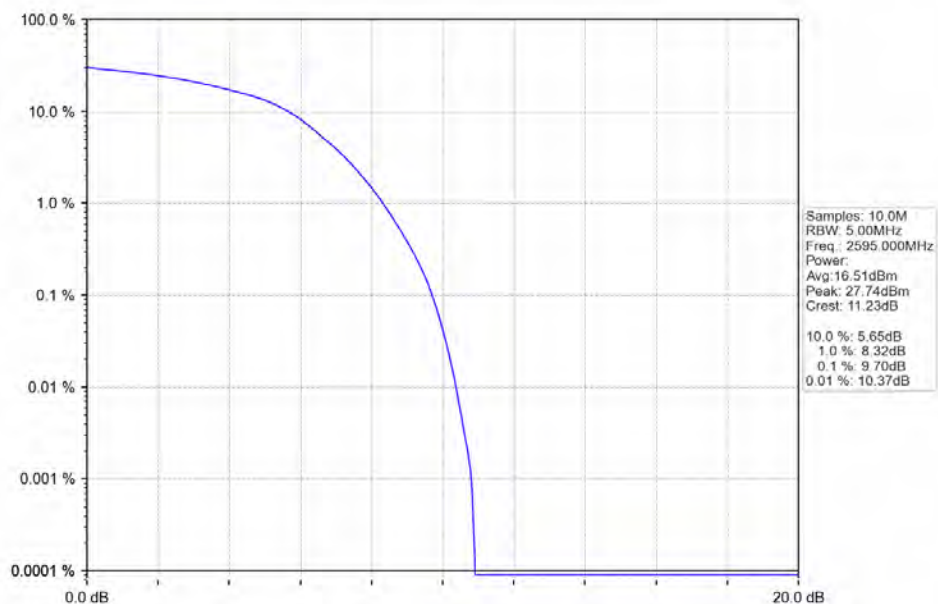
**Band41\_10MHz\_QPSK\_HCH\_2650MHz\_RB\_50\_0\_NTNV**



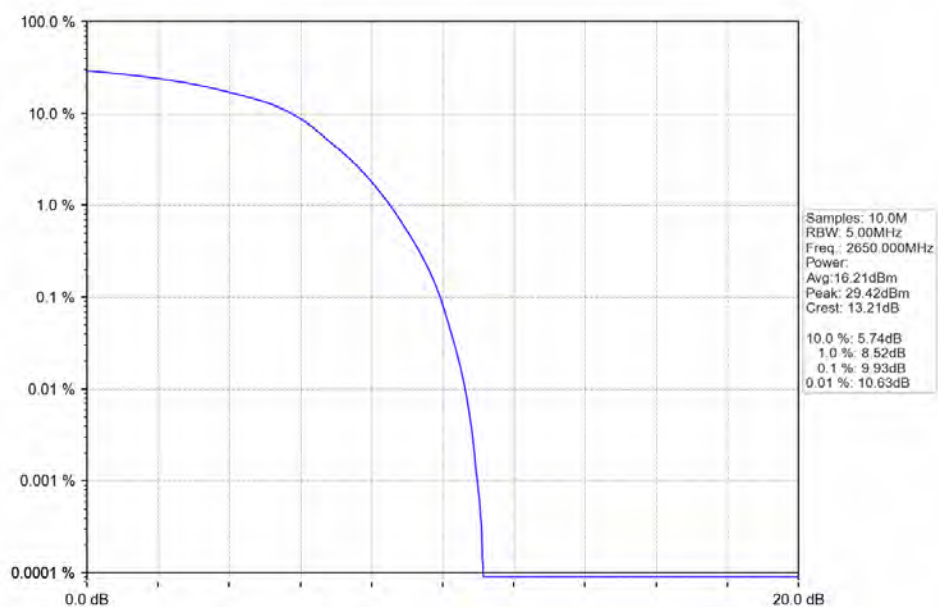
**Band41\_10MHz\_16QAM\_LCH\_2540MHz\_RB\_50\_0\_NTNV**



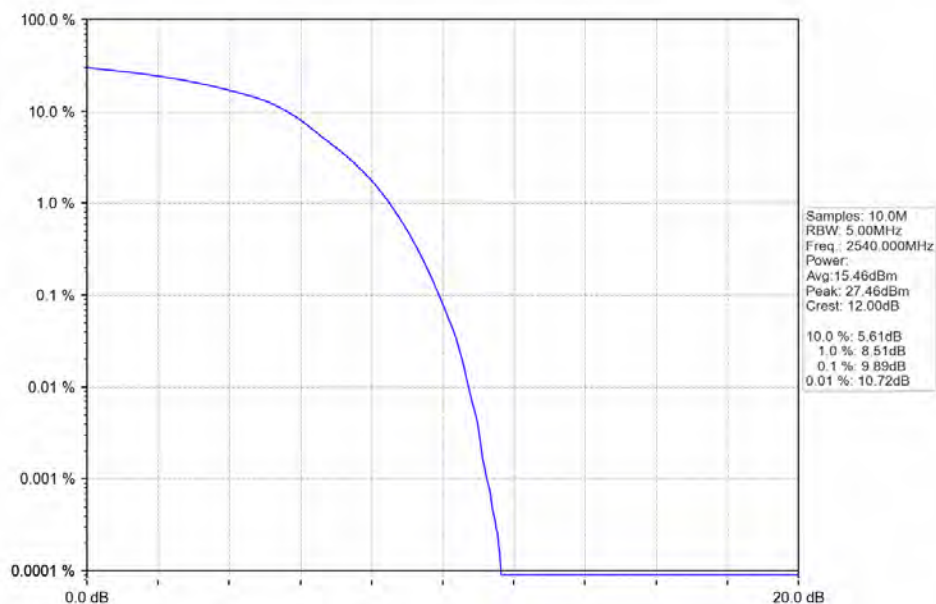
**Band41\_10MHz\_16QAM\_MCH\_2595MHz\_RB\_50\_0\_NTNV**



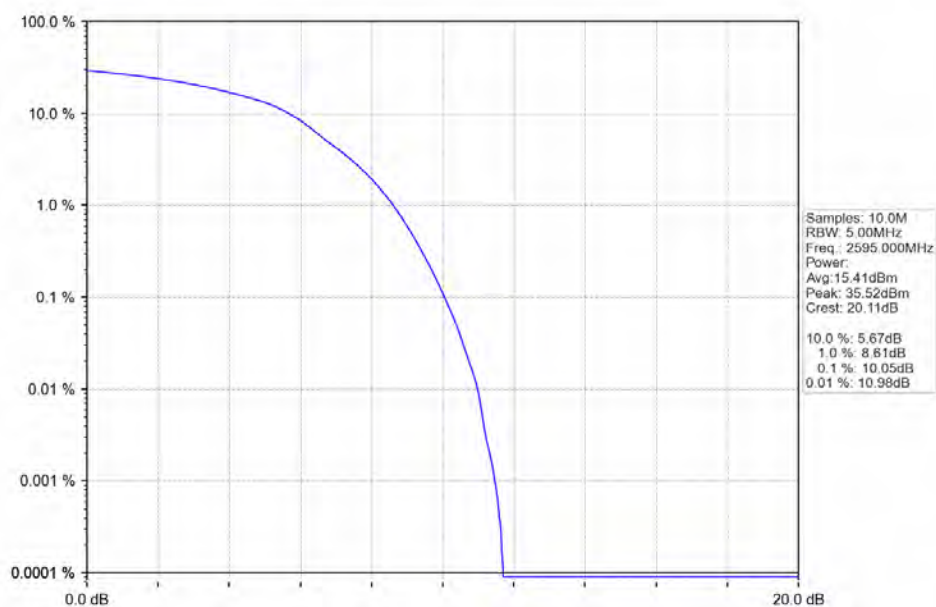
**Band41\_10MHz\_16QAM\_HCH\_2650MHz\_RB\_50\_0\_NTNV**



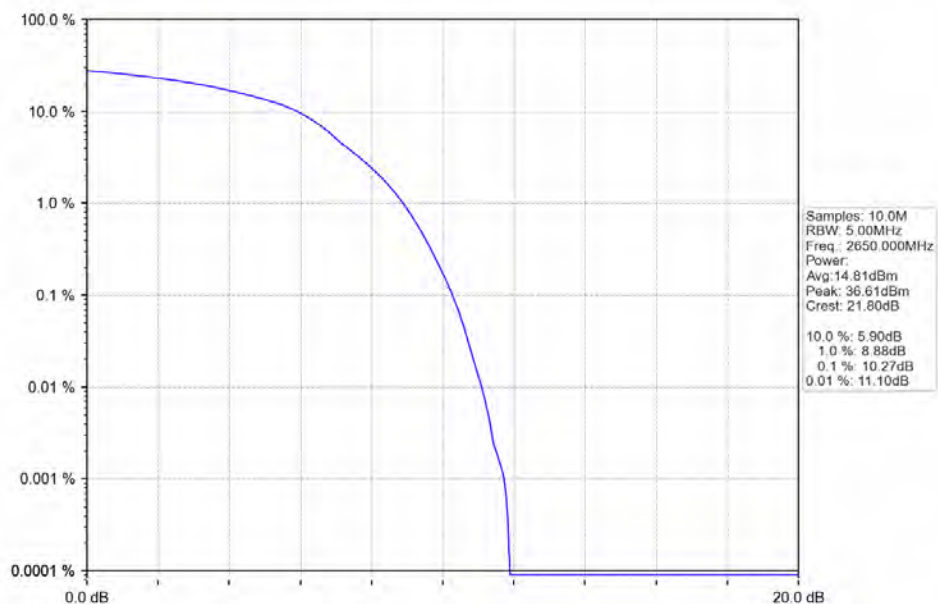
**Band41\_10MHz\_64QAM\_LCH\_2540MHz\_RB\_50\_0\_NTNV**



**Band41\_10MHz\_64QAM\_MCH\_2595MHz\_RB\_50\_0\_NTNV**



**Band41\_10MHz\_64QAM\_HCH\_2650MHz\_RB\_50\_0\_NTNV**



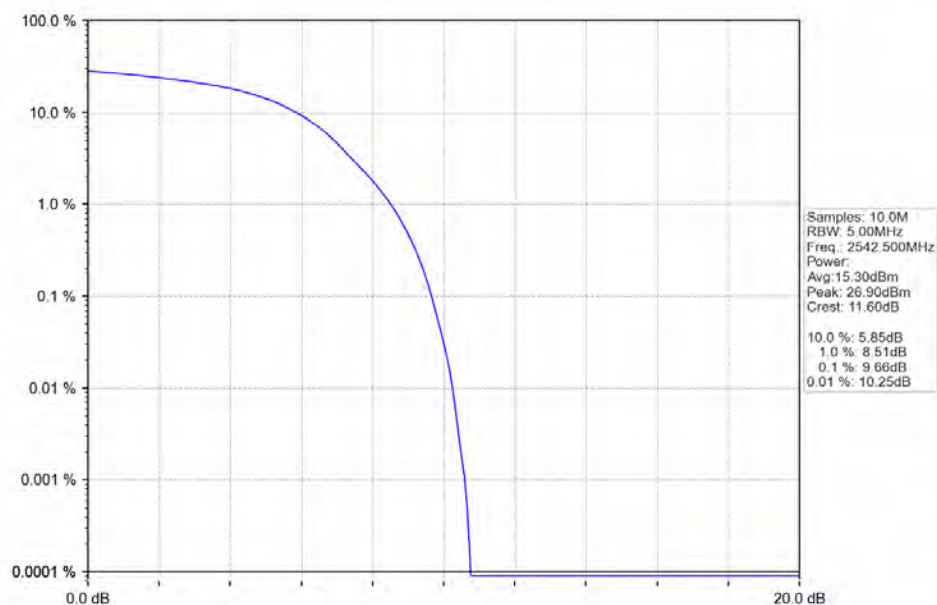
B41\_15MHZ

**TEST RESULT**

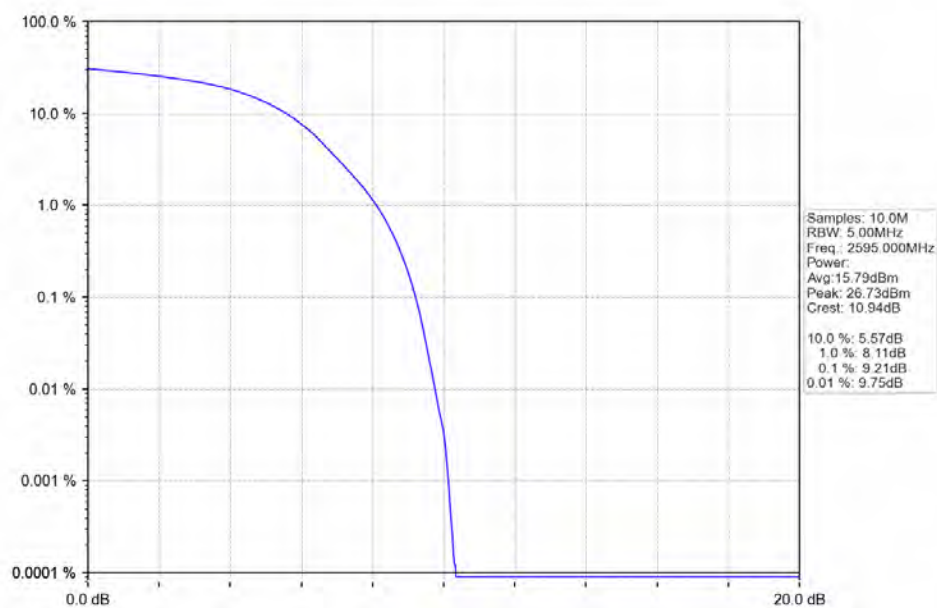
| Band: 41 / Bandwidth: 15MHz / NTNV |                    |               |        |                         |       |         |
|------------------------------------|--------------------|---------------|--------|-------------------------|-------|---------|
| Modulation                         | Frequency<br>(MHz) | RB Allocation |        | Peak-Average Ratio (dB) |       | Verdict |
|                                    |                    | Size          | Offset | Result                  | Limit |         |
| QPSK                               | 2542.5             | 75            | 0      | 9.66                    | <=13  | Pass    |
|                                    | 2595               | 75            | 0      | 9.21                    | <=13  | Pass    |
|                                    | 2647.5             | 75            | 0      | 9.60                    | <=13  | Pass    |
| 16QAM                              | 2542.5             | 75            | 0      | 10.60                   | <=13  | Pass    |
|                                    | 2595               | 75            | 0      | 10.44                   | <=13  | Pass    |
|                                    | 2647.5             | 75            | 0      | 10.53                   | <=13  | Pass    |
| 64QAM                              | 2542.5             | 75            | 0      | 10.67                   | <=13  | Pass    |
|                                    | 2595               | 75            | 0      | 10.74                   | <=13  | Pass    |
|                                    | 2647.5             | 75            | 0      | 10.40                   | <=13  | Pass    |

## TEST GRAPH

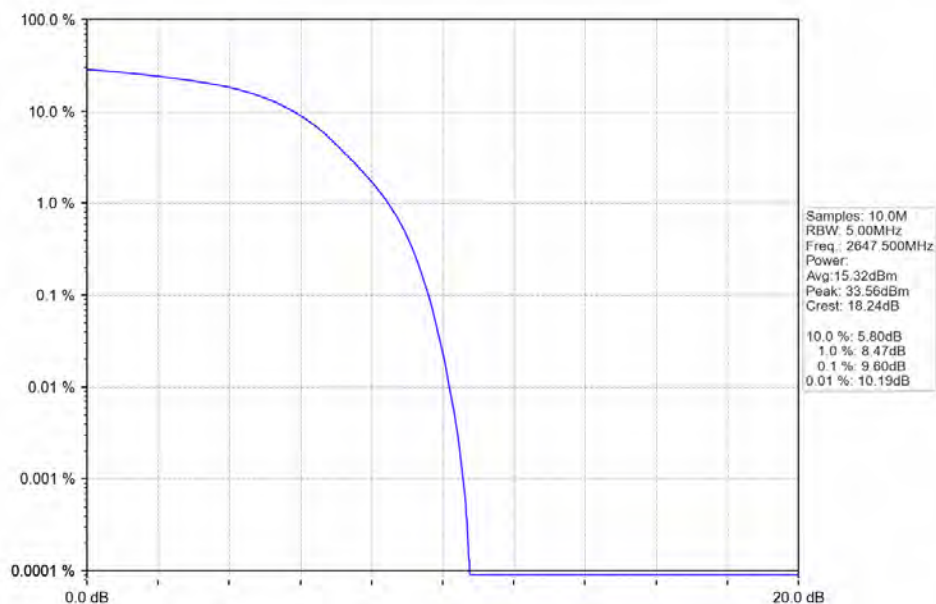
Band41\_15MHz\_QPSK\_LCH\_2542.5MHz\_RB\_75\_0\_NTNV



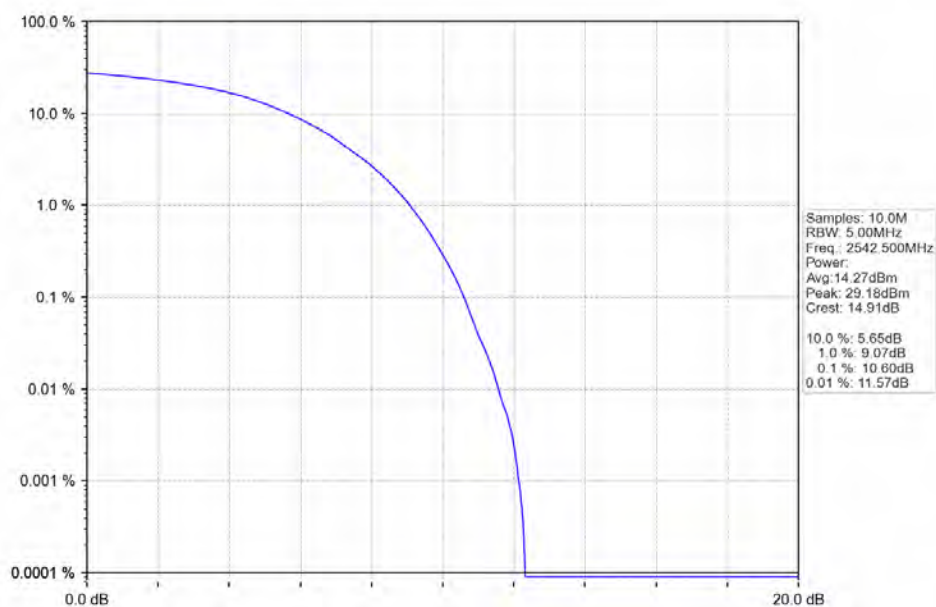
Band41\_15MHz\_QPSK\_MCH\_2595MHz\_RB\_75\_0\_NTNV



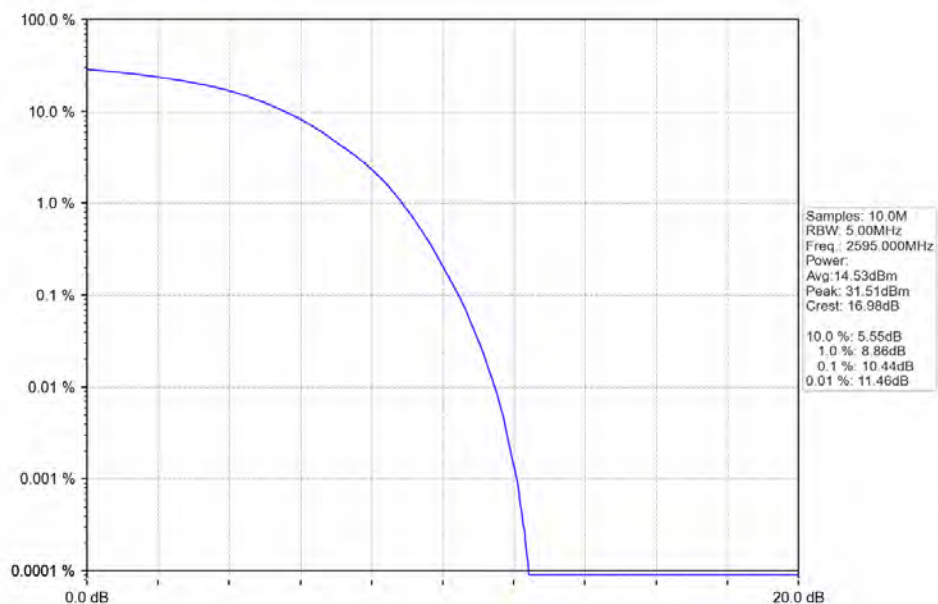
**Band41\_15MHz\_QPSK\_HCH\_2647.5MHz\_RB\_75\_0\_NTNV**



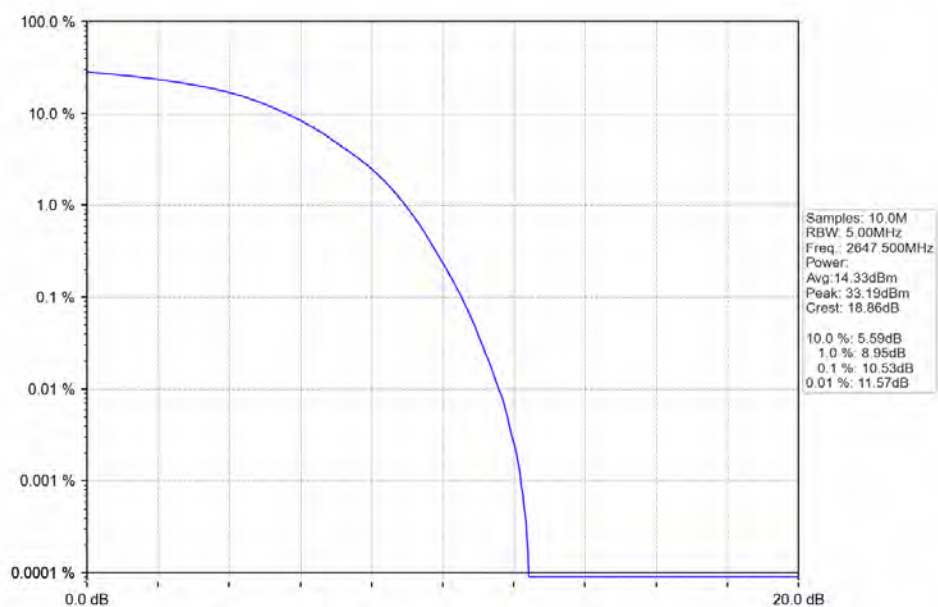
**Band41\_15MHz\_16QAM\_LCH\_2542.5MHz\_RB\_75\_0\_NTNV**



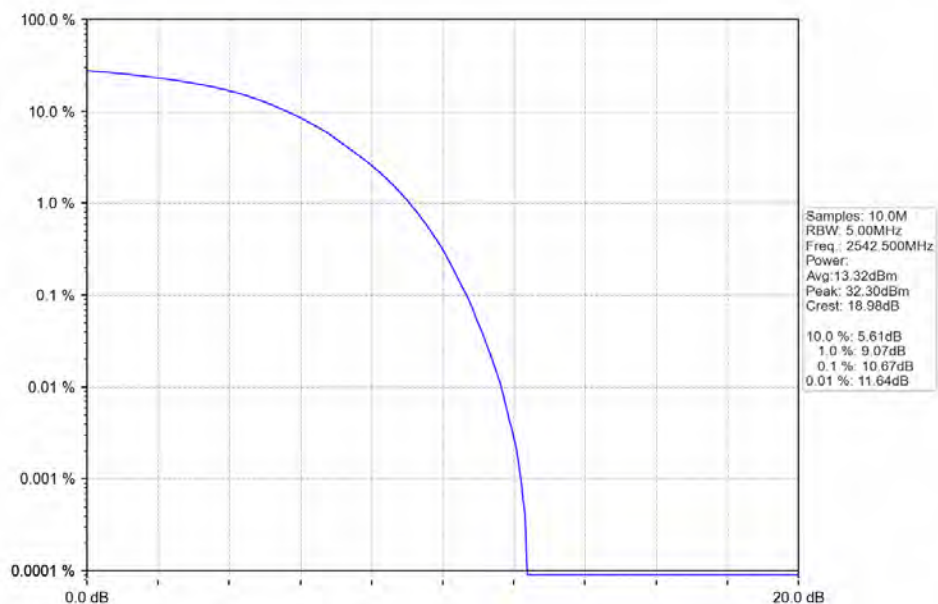
**Band41\_15MHz\_16QAM\_MCH\_2595MHz\_RB\_75\_0\_NTNV**



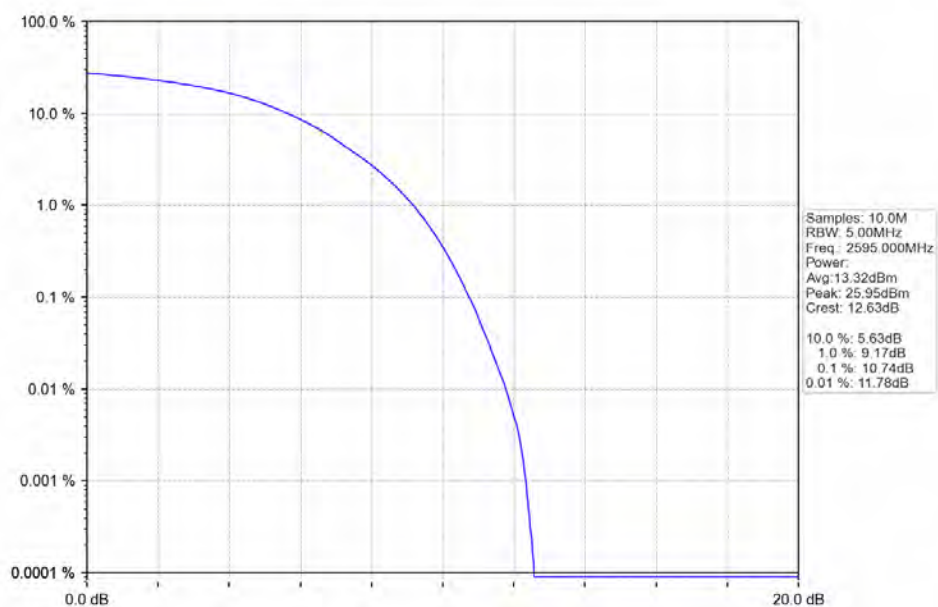
**Band41\_15MHz\_16QAM\_HCH\_2647.5MHz\_RB\_75\_0\_NTNV**



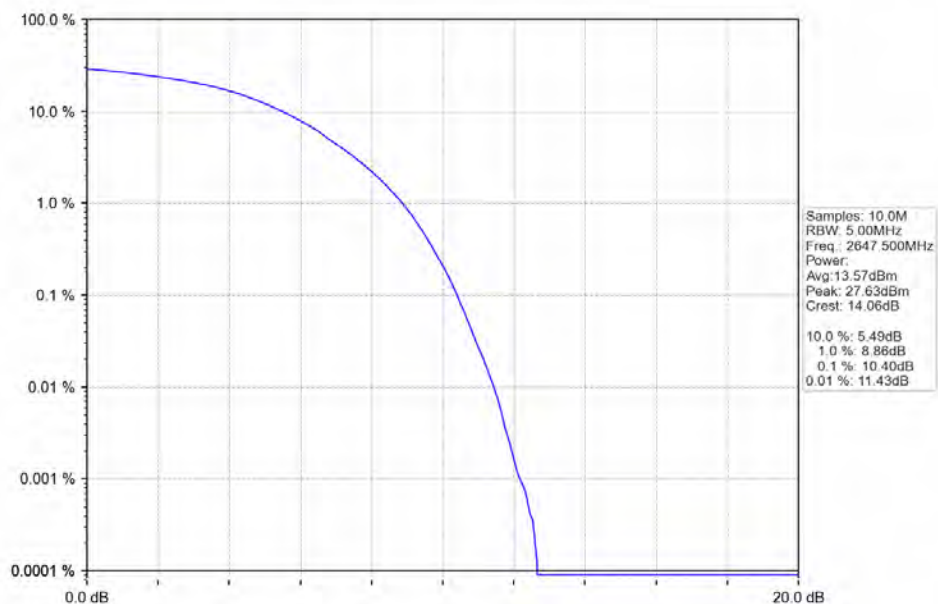
**Band41\_15MHz\_64QAM\_LCH\_2542.5MHz\_RB\_75\_0\_NTNV**



**Band41\_15MHz\_64QAM\_MCH\_2595MHz\_RB\_75\_0\_NTNV**



**Band41\_15MHz\_64QAM\_HCH\_2647.5MHz\_RB\_75\_0\_NTNV**



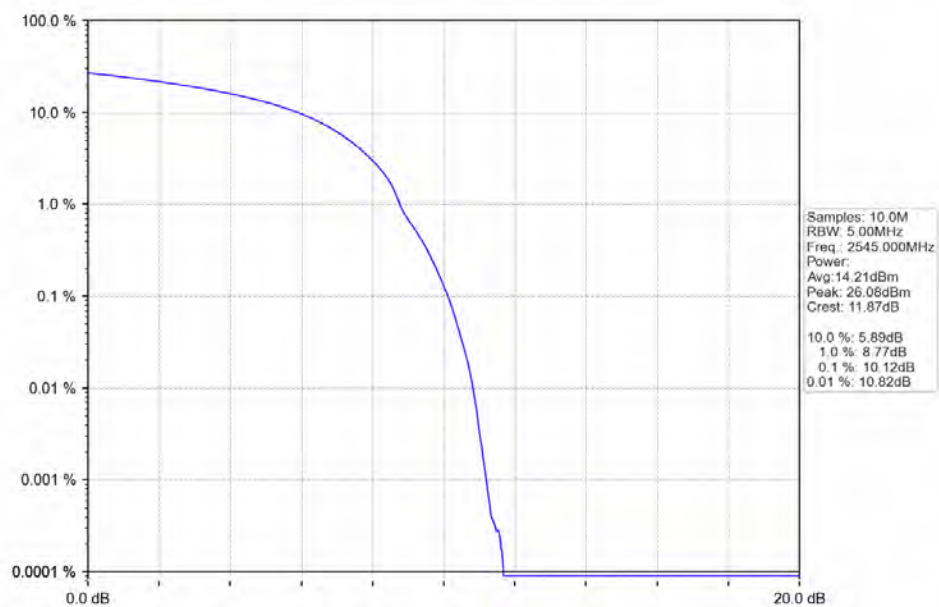
B41\_20MHZ

**TEST RESULT**

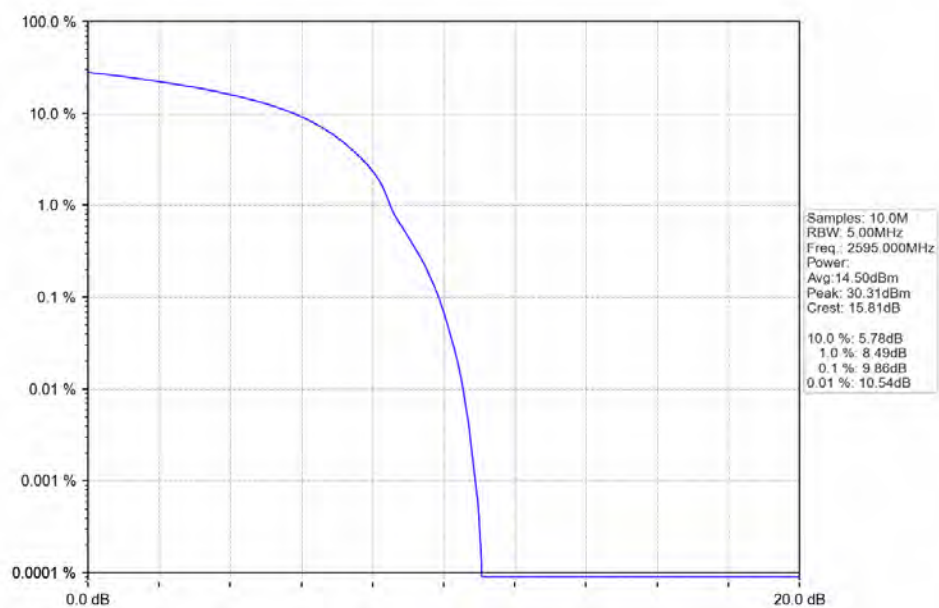
| Band: 41 / Bandwidth: 20MHz / NTNV |                    |               |        |                         |       |         |
|------------------------------------|--------------------|---------------|--------|-------------------------|-------|---------|
| Modulation                         | Frequency<br>(MHz) | RB Allocation |        | Peak-Average Ratio (dB) |       | Verdict |
|                                    |                    | Size          | Offset | Result                  | Limit |         |
| QPSK                               | 2545               | 100           | 0      | 10.12                   | <=13  | Pass    |
|                                    | 2595               | 100           | 0      | 9.86                    | <=13  | Pass    |
|                                    | 2645               | 100           | 0      | 10.24                   | <=13  | Pass    |
| 16QAM                              | 2545               | 100           | 0      | 10.63                   | <=13  | Pass    |
|                                    | 2595               | 100           | 0      | 10.69                   | <=13  | Pass    |
|                                    | 2645               | 100           | 0      | 10.58                   | <=13  | Pass    |
| 64QAM                              | 2545               | 100           | 0      | 10.85                   | <=13  | Pass    |
|                                    | 2595               | 100           | 0      | 10.63                   | <=13  | Pass    |
|                                    | 2645               | 100           | 0      | 10.85                   | <=13  | Pass    |

## TEST GRAPH

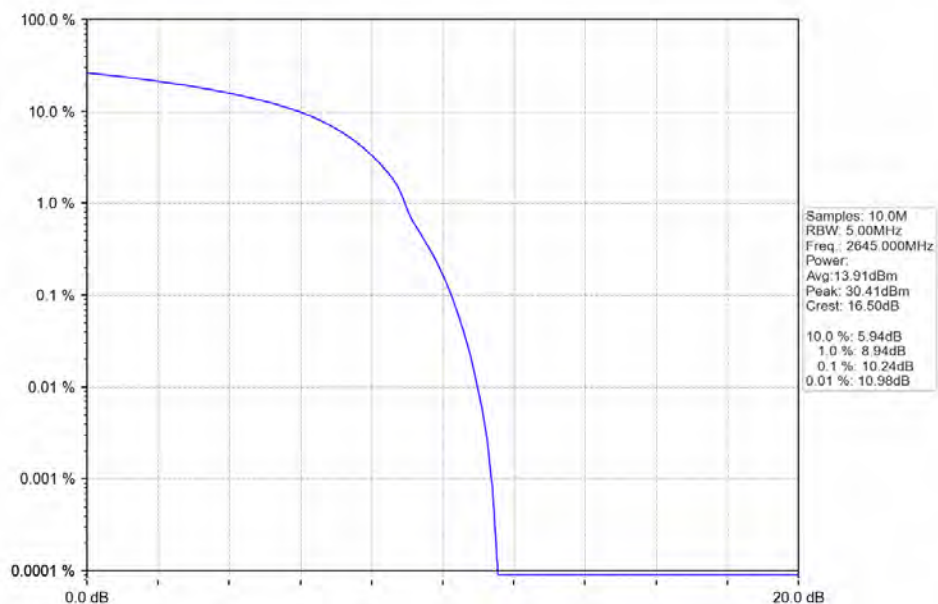
Band41\_20MHz\_QPSK\_LCH\_2545MHz\_RB\_100\_0\_NTNV



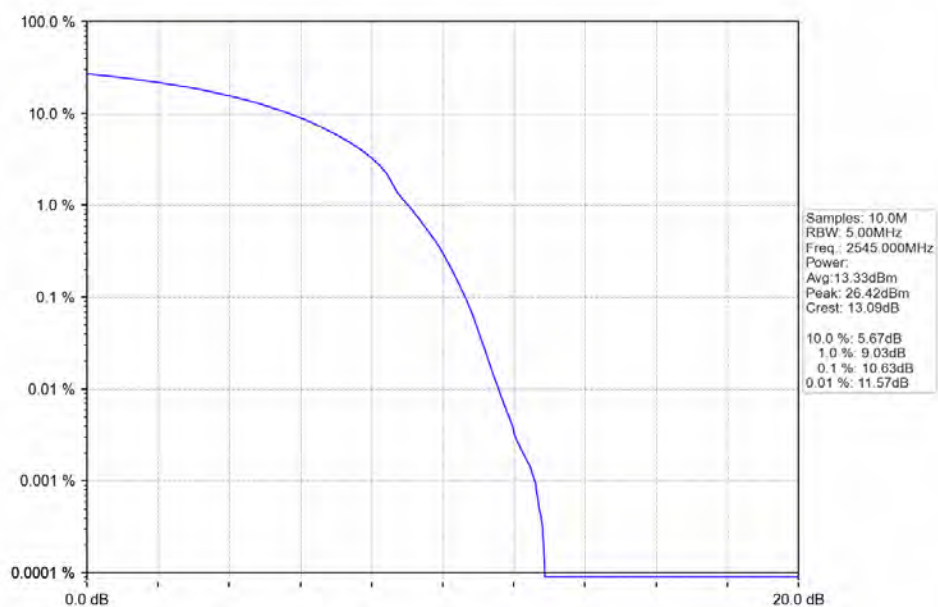
Band41\_20MHz\_QPSK\_MCH\_2595MHz\_RB\_100\_0\_NTNV



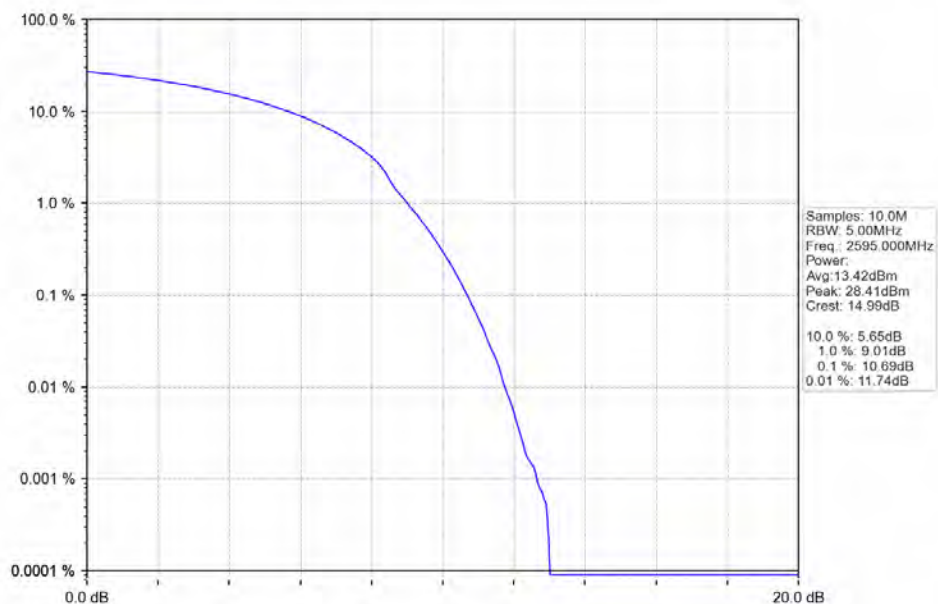
**Band41\_20MHz\_QPSK\_HCH\_2645MHz\_RB\_100\_0\_NTNV**



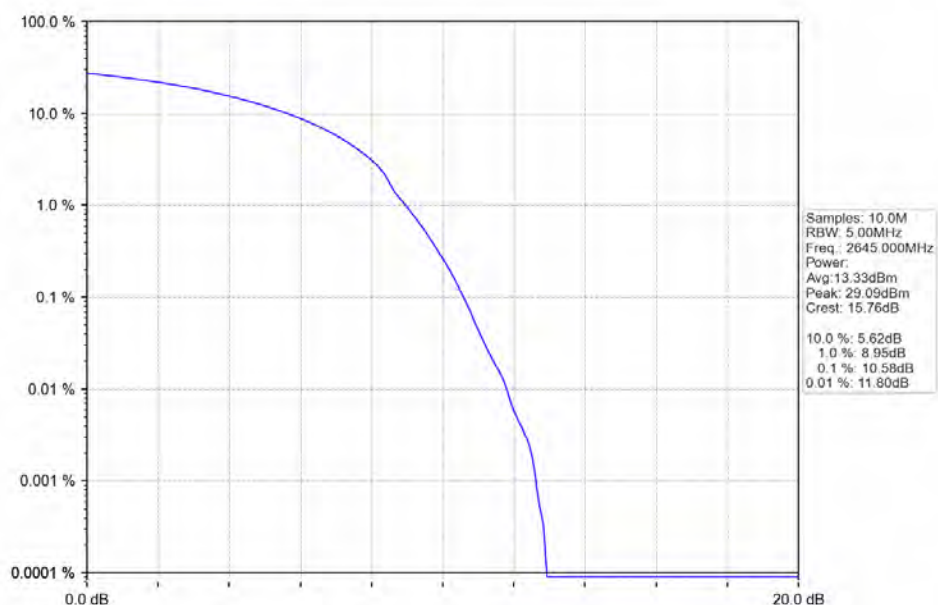
**Band41\_20MHz\_16QAM\_LCH\_2545MHz\_RB\_100\_0\_NTNV**



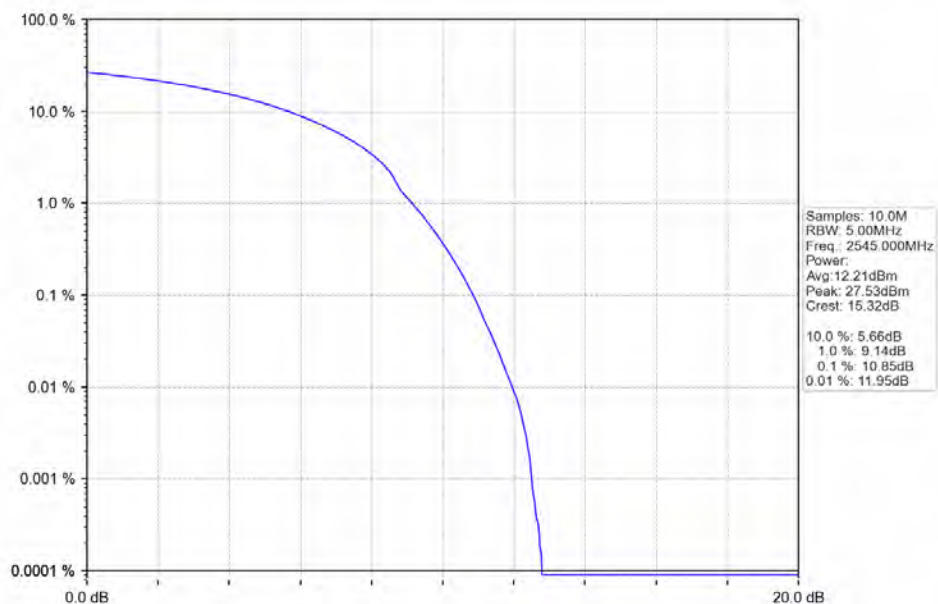
**Band41\_20MHz\_16QAM\_MCH\_2595MHz\_RB\_100\_0\_NTNV**



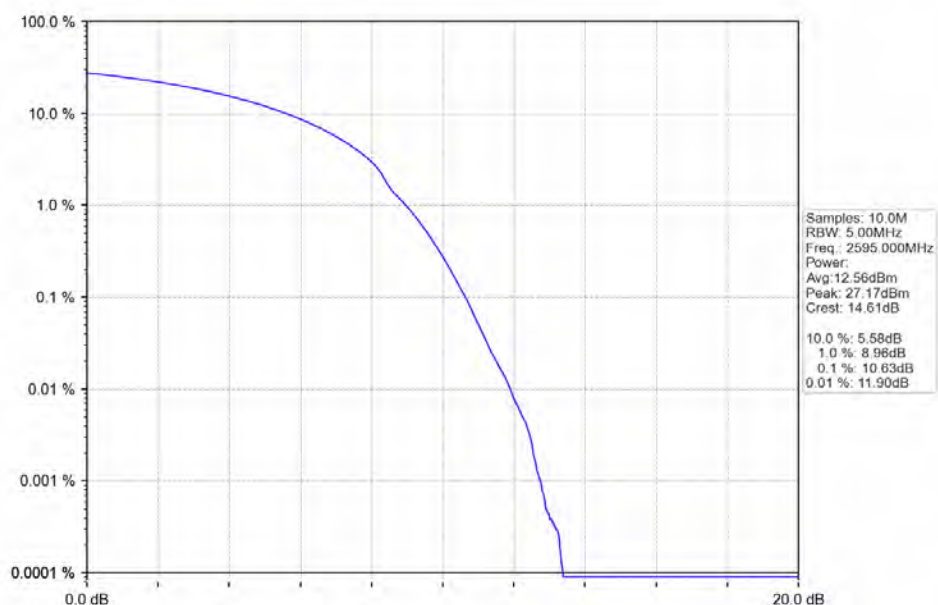
**Band41\_20MHz\_16QAM\_HCH\_2645MHz\_RB\_100\_0\_NTNV**



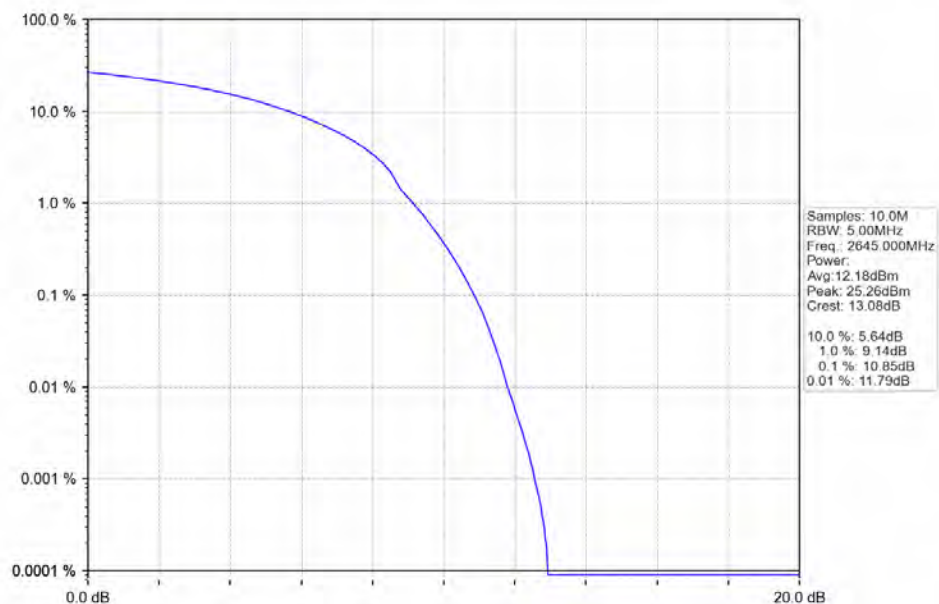
**Band41\_20MHz\_64QAM\_LCH\_2545MHz\_RB\_100\_0\_NTNV**



**Band41\_20MHz\_64QAM\_MCH\_2595MHz\_RB\_100\_0\_NTNV**



**Band41\_20MHz\_64QAM\_HCH\_2645MHz\_RB\_100\_0\_NTNV**



## SPURIOUS EMISSION

NOTE : The worse case margin is -25.57dbm, Be satisfied with the -25dbm limited require

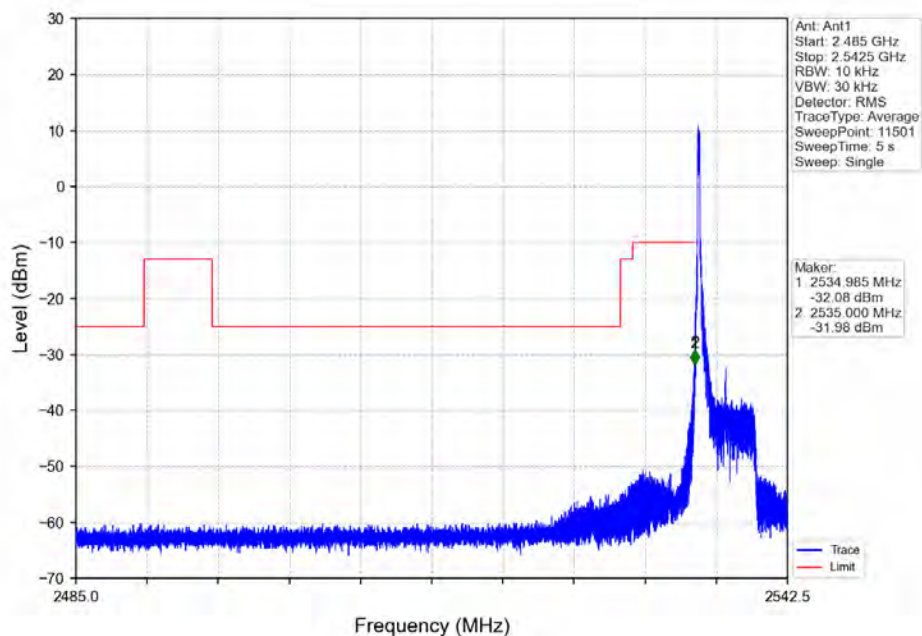
B41\_5MHZ

### TEST RESULT

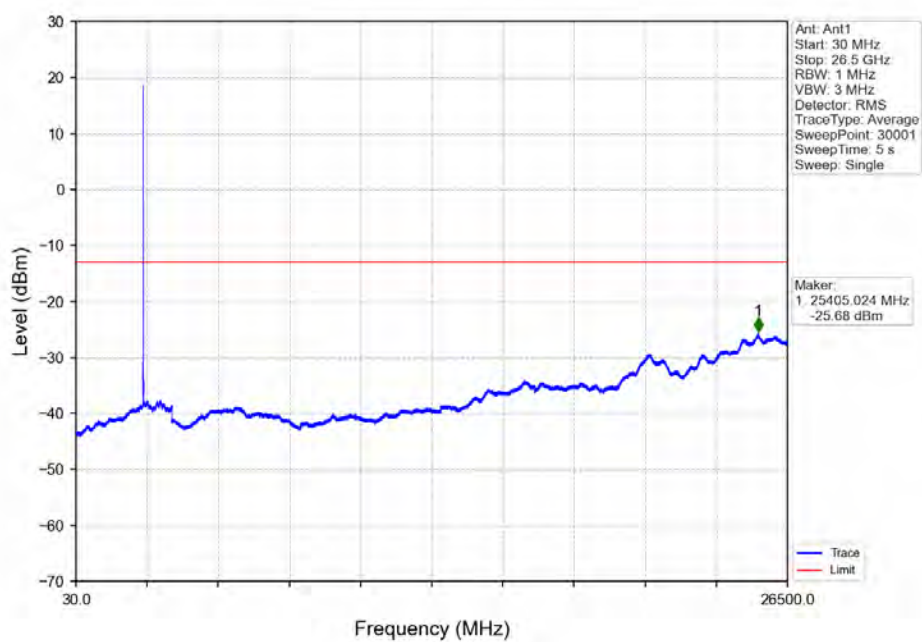
| Band: 41 / Bandwidth: 5MHz / NTNV |                    |               |        |                     |       |         |
|-----------------------------------|--------------------|---------------|--------|---------------------|-------|---------|
| Modulation                        | Frequency<br>(MHz) | RB Allocation |        | Spurious Emission   |       | Verdict |
|                                   |                    | Size          | Offset | Result              | Limit |         |
| QPSK                              | 2537.5             | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                   |                    | 25            | 0      | Refer To Test Graph |       | Pass    |
|                                   | 2595               | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                   | 2652.5             | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                   |                    |               | 24     | Refer To Test Graph |       | Pass    |
|                                   |                    | 25            | 0      | Refer To Test Graph |       | Pass    |
| 16QAM                             | 2537.5             | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                   |                    | 25            | 0      | Refer To Test Graph |       | Pass    |
|                                   | 2595               | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                   | 2652.5             | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                   |                    |               | 24     | Refer To Test Graph |       | Pass    |
|                                   |                    | 25            | 0      | Refer To Test Graph |       | Pass    |
| 64QAM                             | 2537.5             | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                   |                    | 25            | 0      | Refer To Test Graph |       | Pass    |
|                                   | 2595               | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                   | 2652.5             | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                   |                    |               | 24     | Refer To Test Graph |       | Pass    |
|                                   |                    | 25            | 0      | Refer To Test Graph |       | Pass    |

## TEST GRAPH

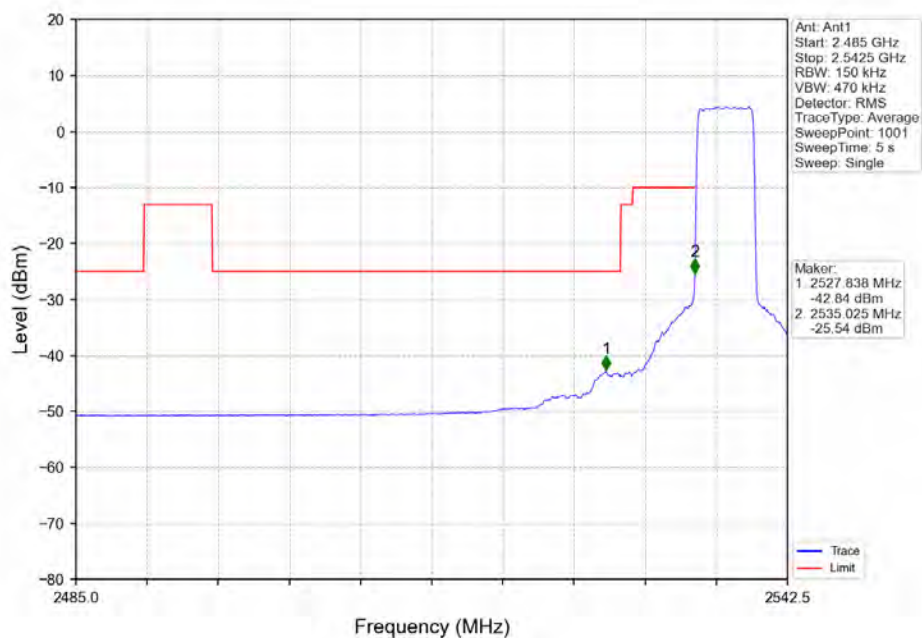
Band41\_5MHz\_QPSK\_LCH\_2537.5MHz\_RB\_1\_0\_NTNV



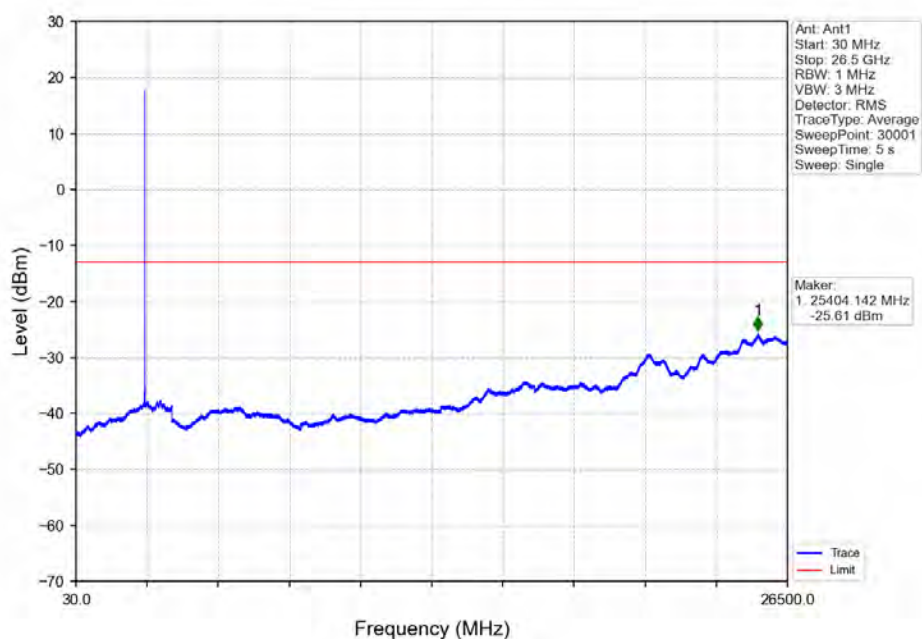
Band41\_5MHz\_QPSK\_LCH\_2537.5MHz\_RB\_1\_0\_NTNV



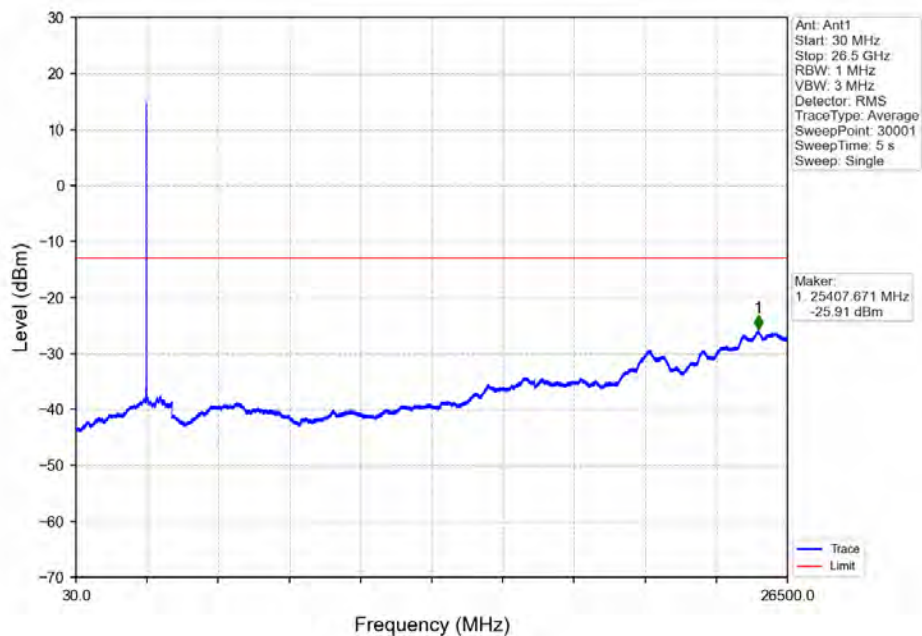
**Band41\_5MHz\_QPSK\_LCH\_2537.5MHz\_RB\_25\_0\_NTNV**



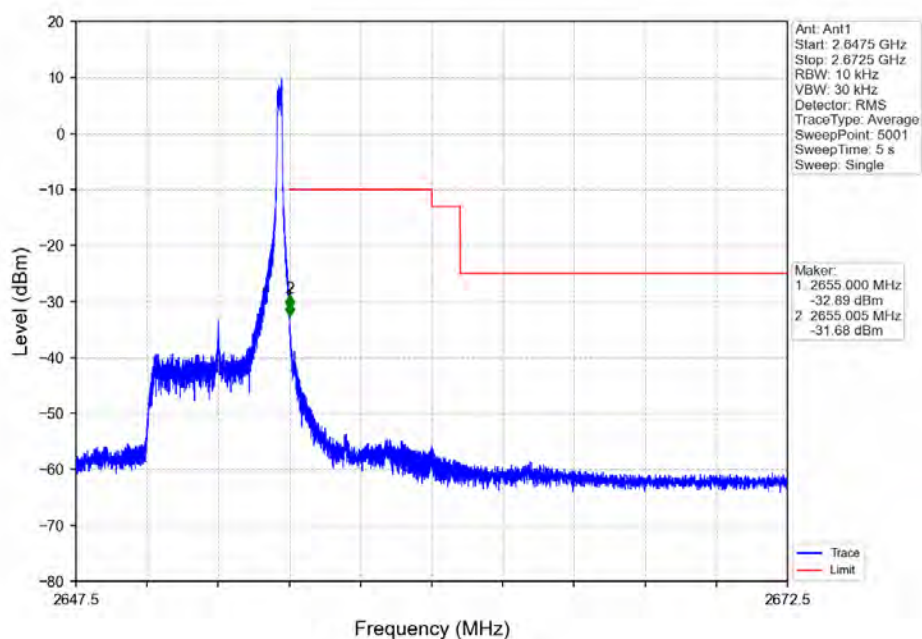
**Band41\_5MHz\_QPSK\_MCH\_2595MHz\_RB\_1\_0\_NTNV**



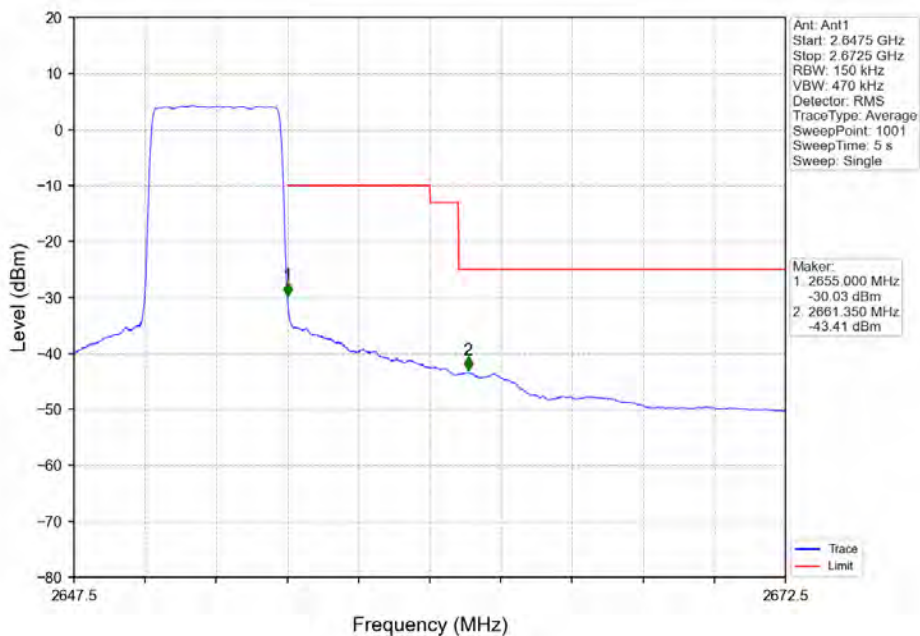
**Band41\_5MHz\_QPSK\_HCH\_2652.5MHz\_RB\_1\_0\_NTNV**



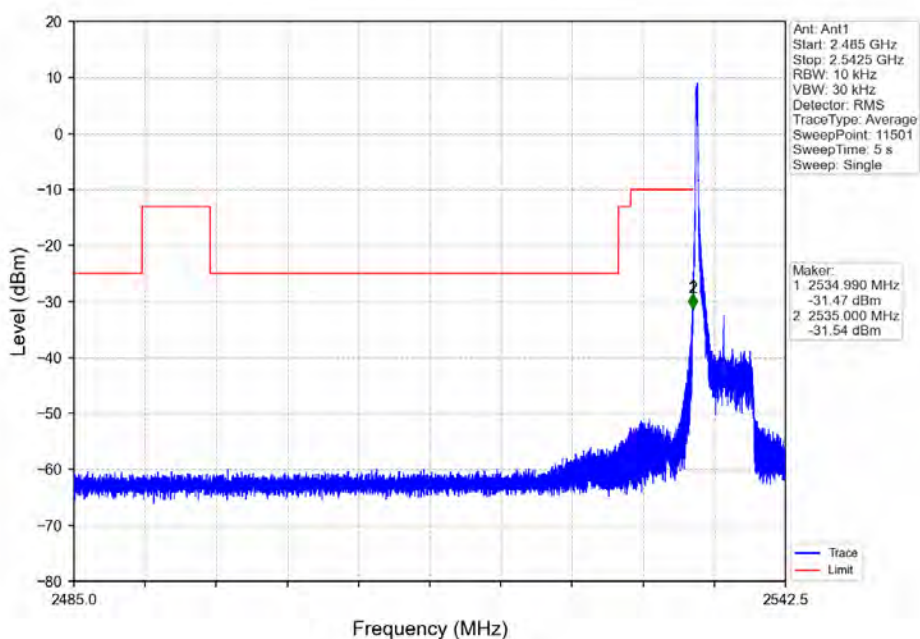
**Band41\_5MHz\_QPSK\_HCH\_2652.5MHz\_RB\_1\_24\_NTNV**



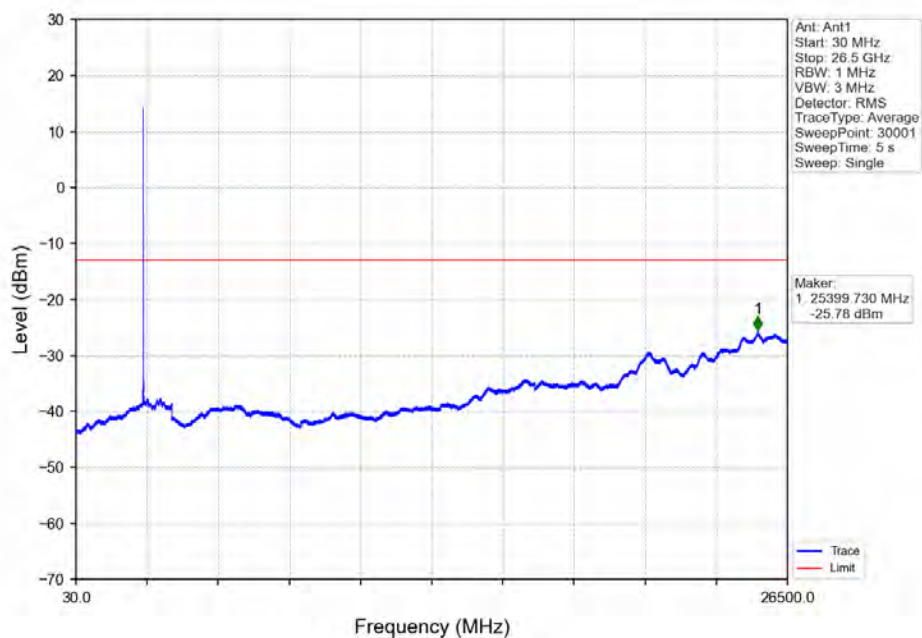
Band41\_5MHz\_QPSK\_HCH\_2652.5MHz\_RB\_25\_0\_NTNV



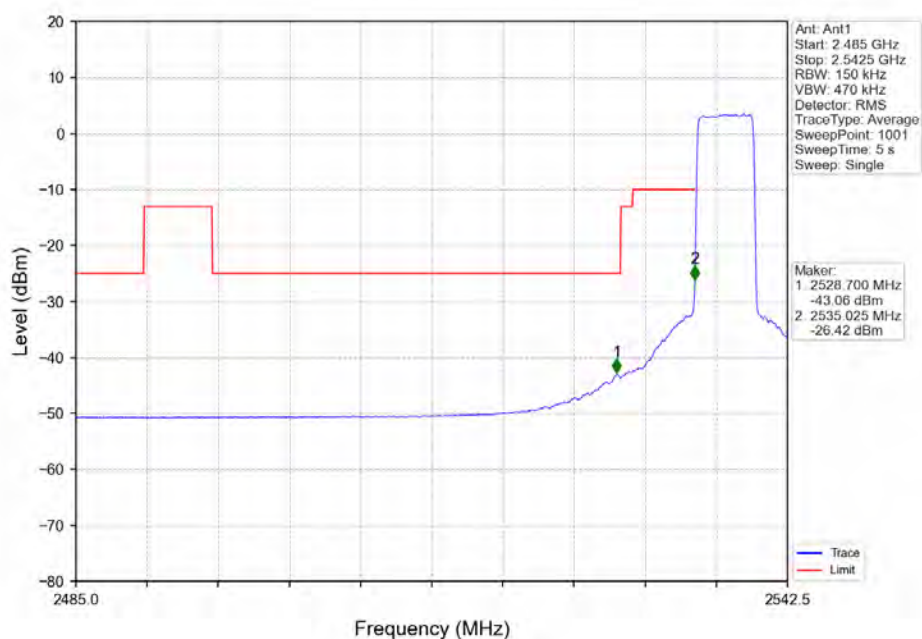
Band41\_5MHz\_16QAM\_LCH\_2537.5MHz\_RB\_1\_0\_NTNV



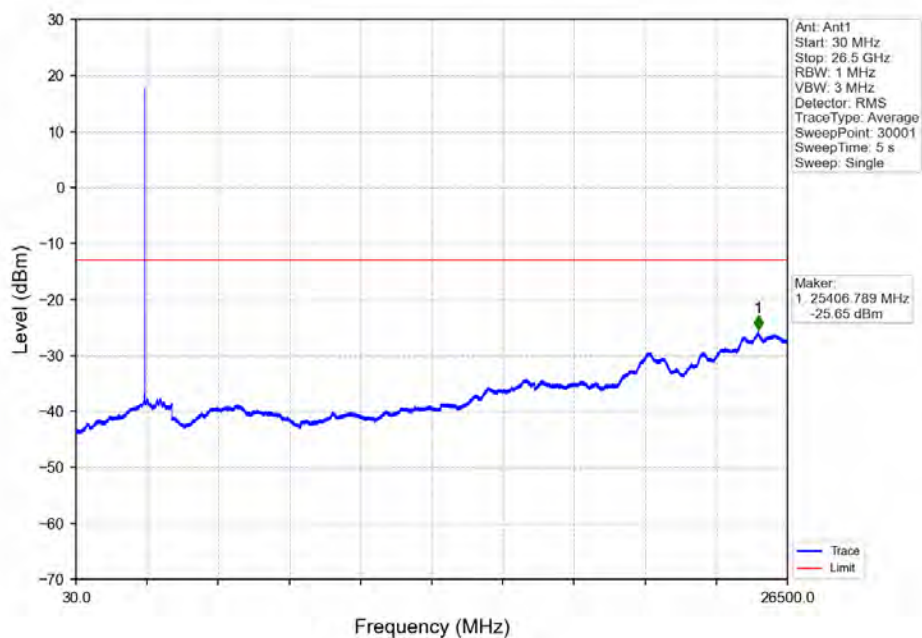
**Band41\_5MHz\_16QAM\_LCH\_2537.5MHz\_RB\_1\_0\_NTNV**



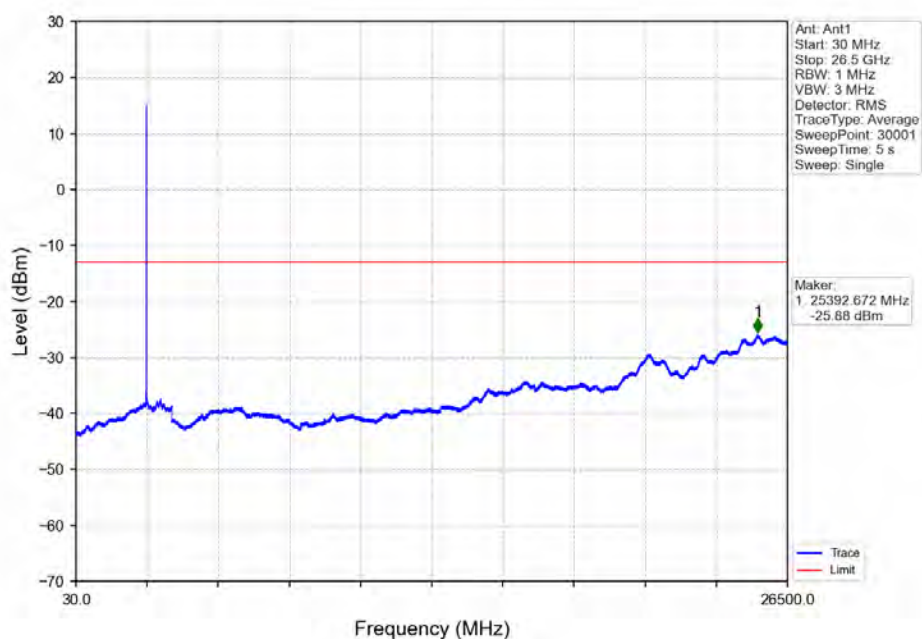
**Band41\_5MHz\_16QAM\_LCH\_2537.5MHz\_RB\_25\_0\_NTNV**



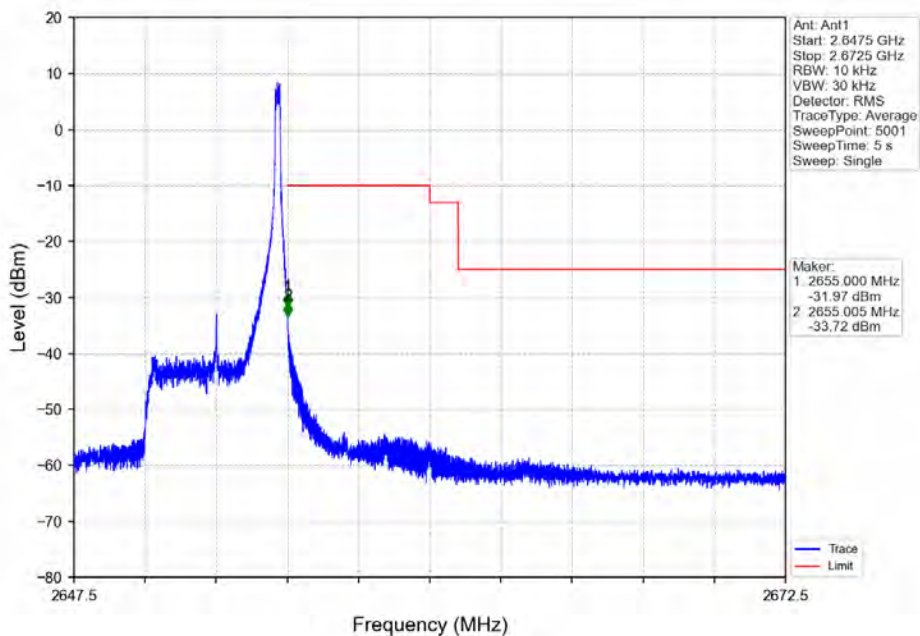
**Band41\_5MHz\_16QAM\_MCH\_2595MHz\_RB\_1\_0\_NTNV**



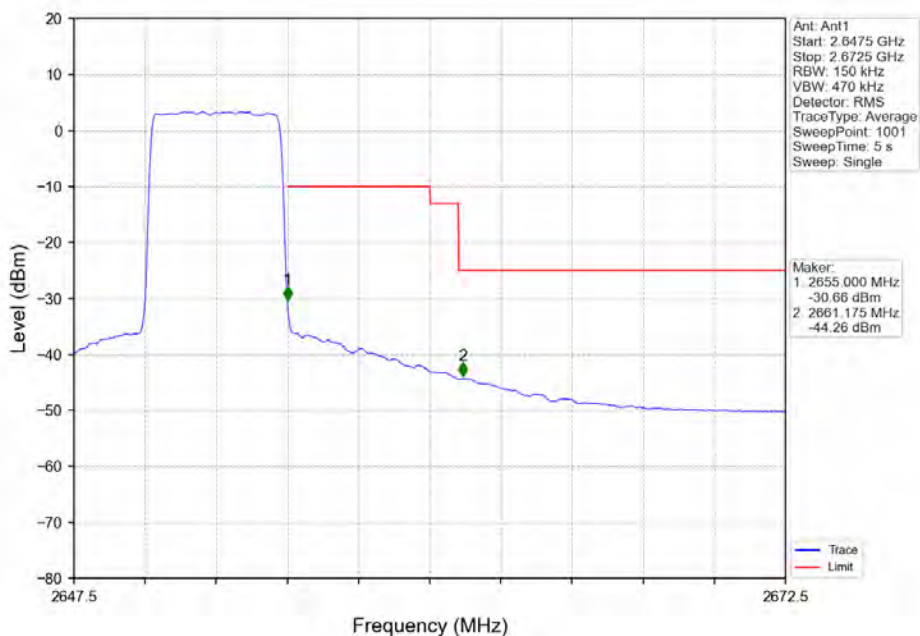
**Band41\_5MHz\_16QAM\_HCH\_2652.5MHz\_RB\_1\_0\_NTNV**



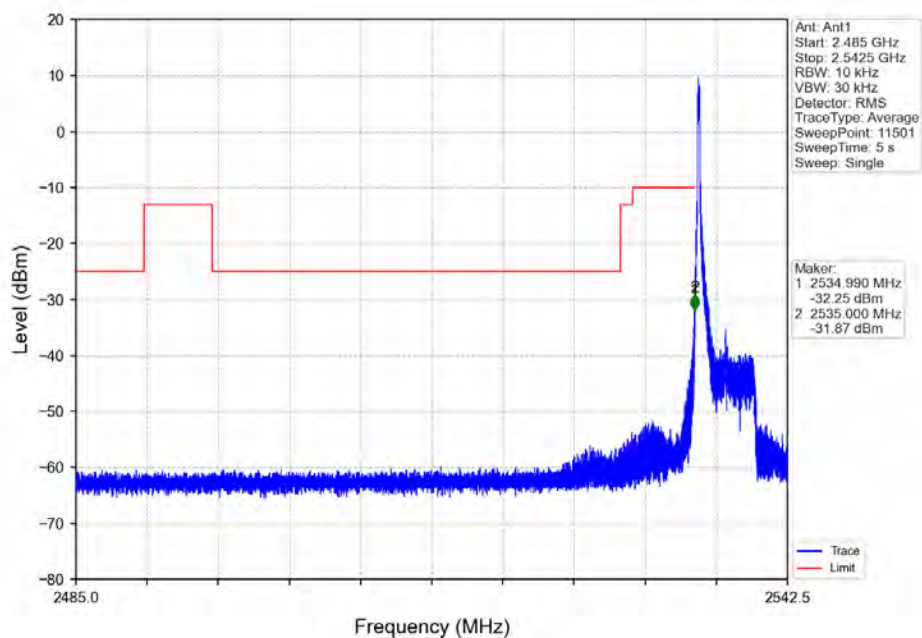
Band41\_5MHz\_16QAM\_HCH\_2652.5MHz\_RB\_1\_24\_NTNV



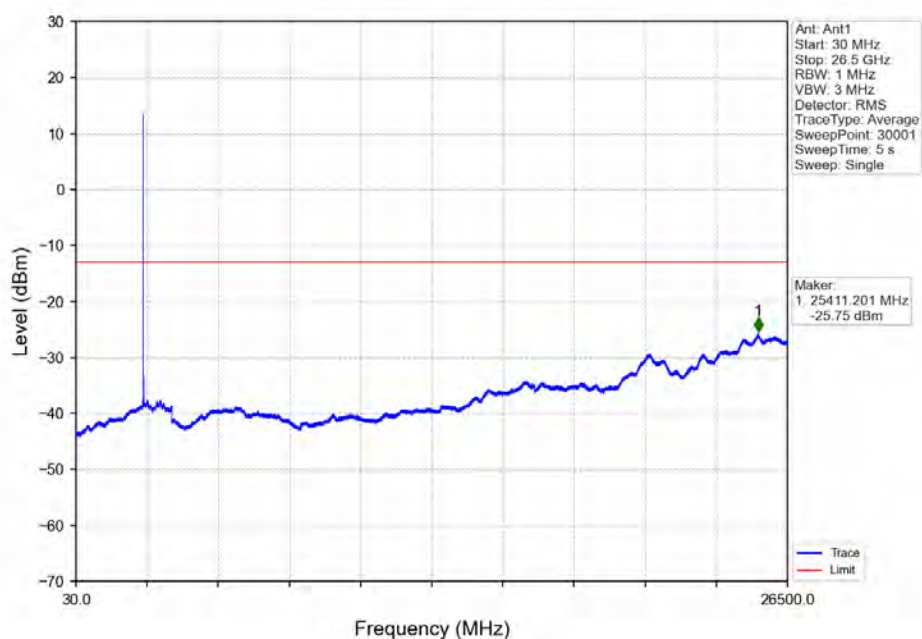
Band41\_5MHz\_16QAM\_HCH\_2652.5MHz\_RB\_25\_0\_NTNV



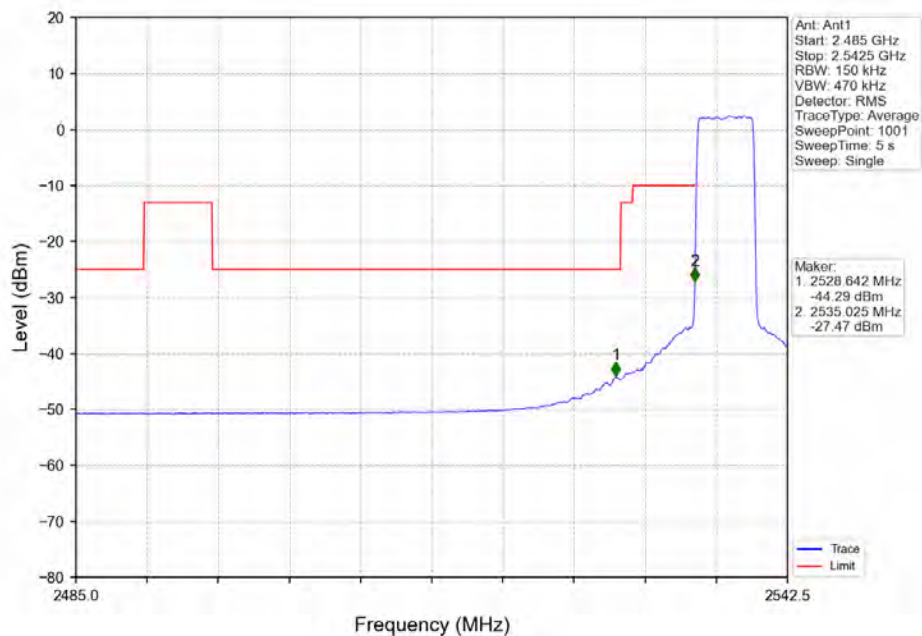
Band41\_5MHz\_64QAM\_LCH\_2537.5MHz\_RB\_1\_0\_NTNV



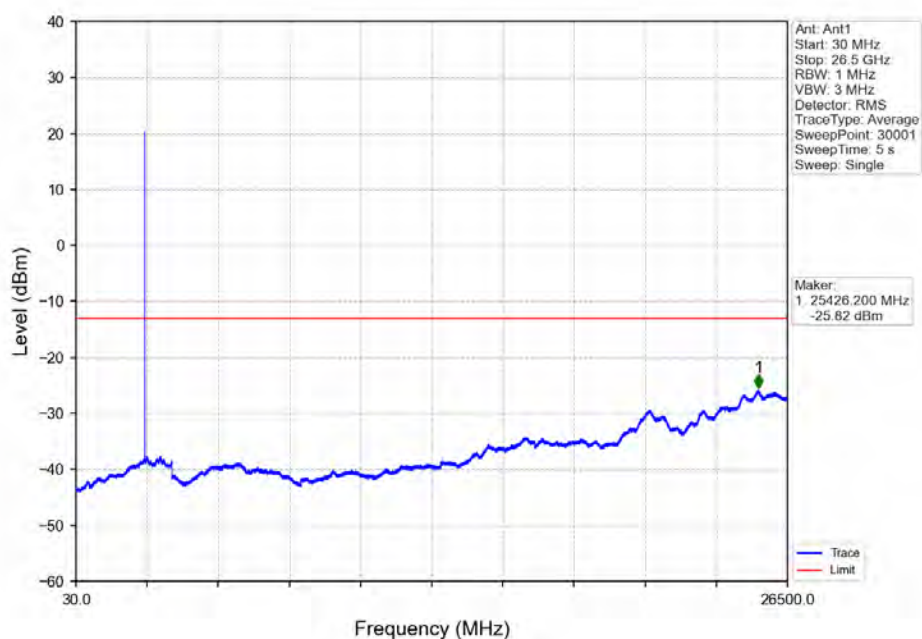
Band41\_5MHz\_64QAM\_LCH\_2537.5MHz\_RB\_1\_0\_NTNV



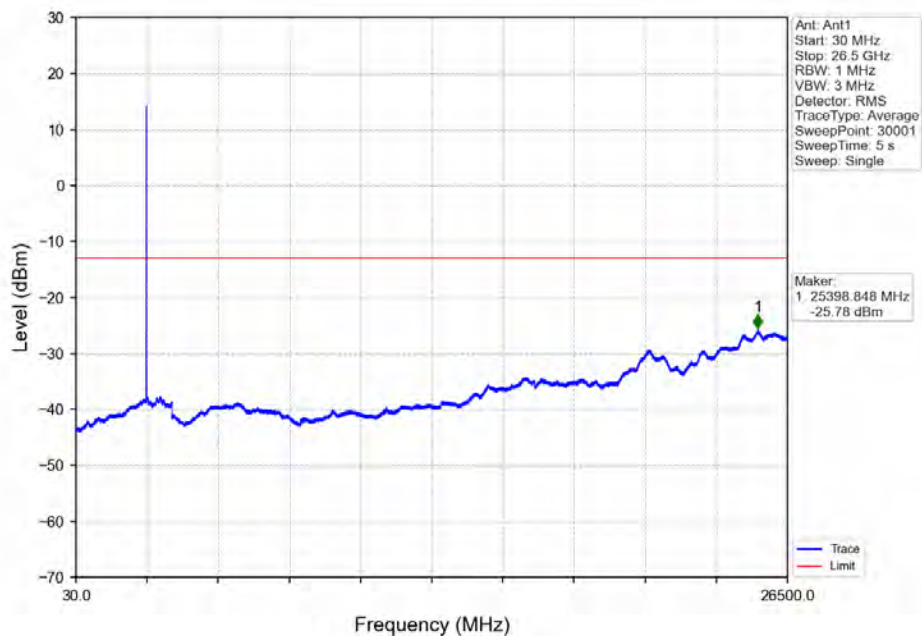
**Band41\_5MHz\_64QAM\_LCH\_2537.5MHz\_RB\_25\_0\_NTNV**



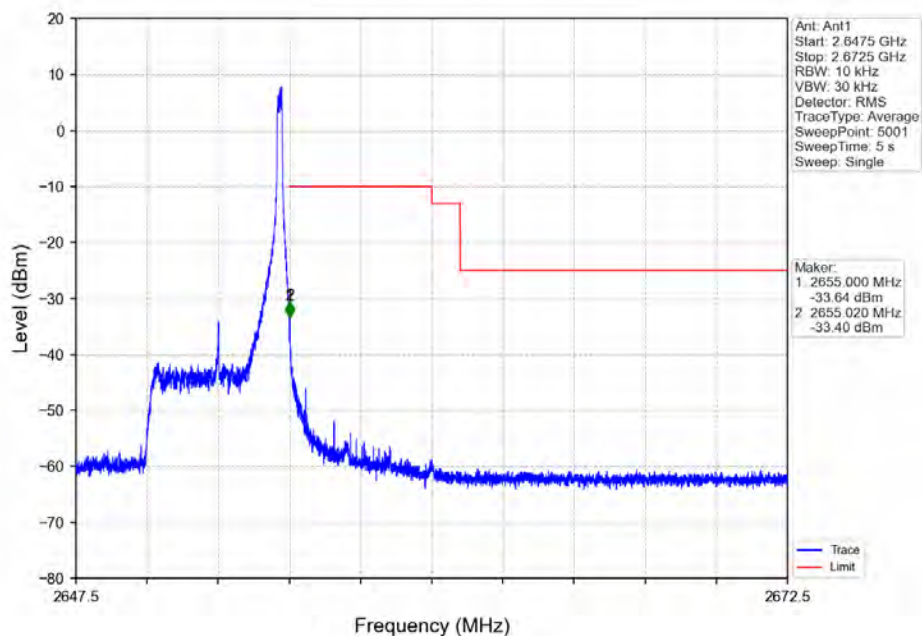
**Band41\_5MHz\_64QAM\_MCH\_2595MHz\_RB\_1\_0\_NTNV**



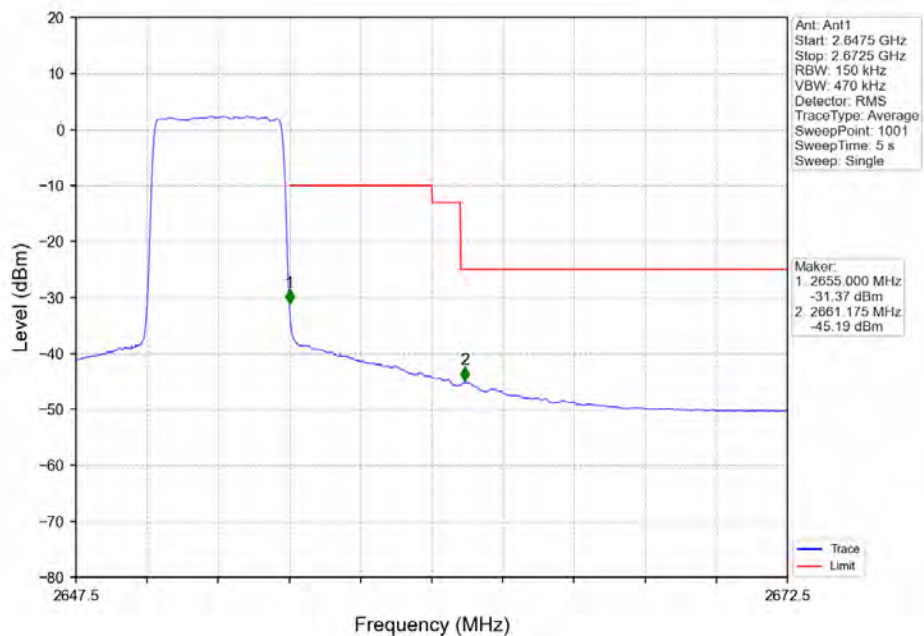
Band41\_5MHz\_64QAM\_HCH\_2652.5MHz\_RB\_1\_0\_NTNV



Band41\_5MHz\_64QAM\_HCH\_2652.5MHz\_RB\_1\_24\_NTNV



**Band41\_5MHz\_64QAM\_HCH\_2652.5MHz\_RB\_25\_0\_NTNV**

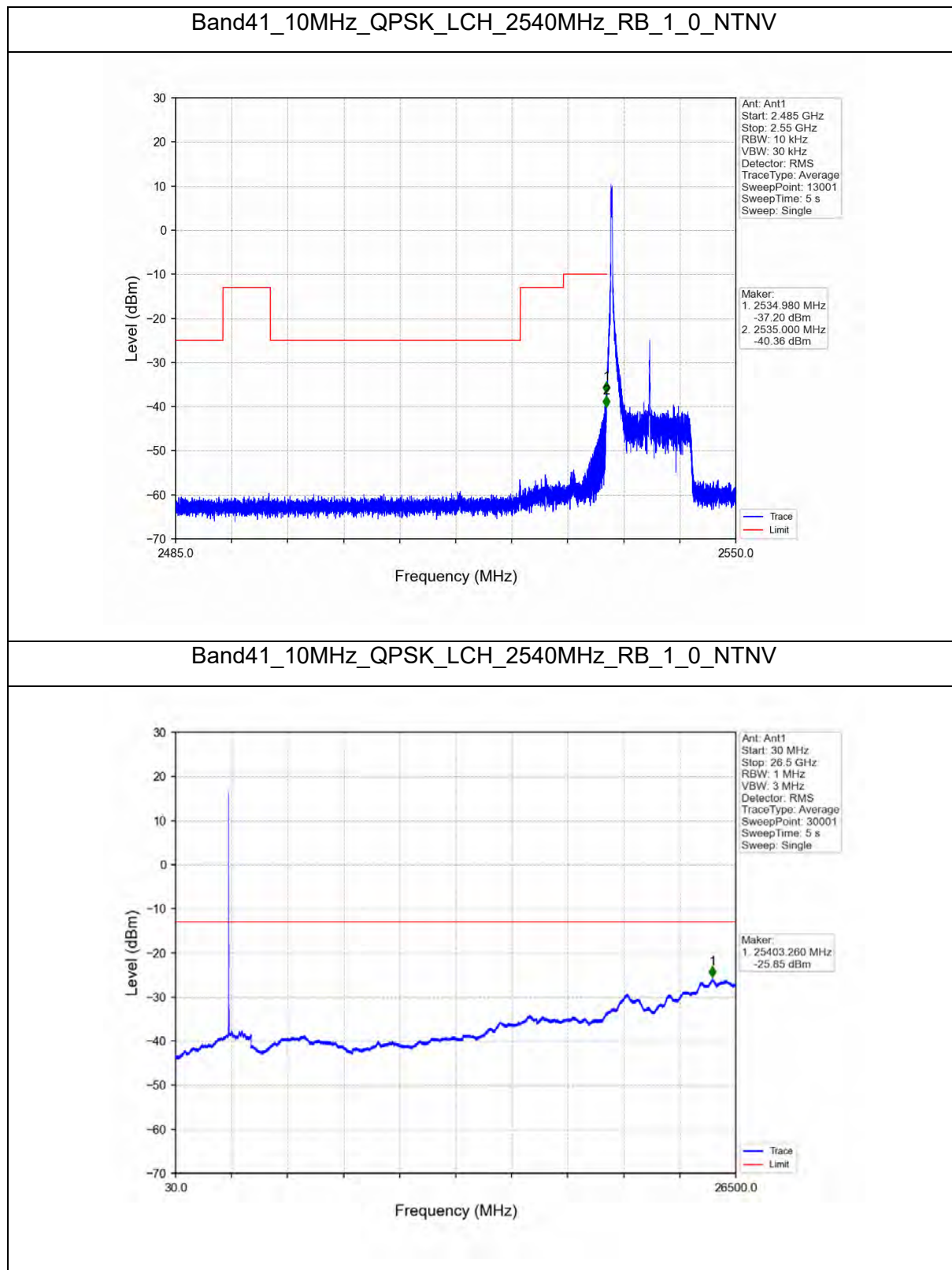


B41\_10MHZ

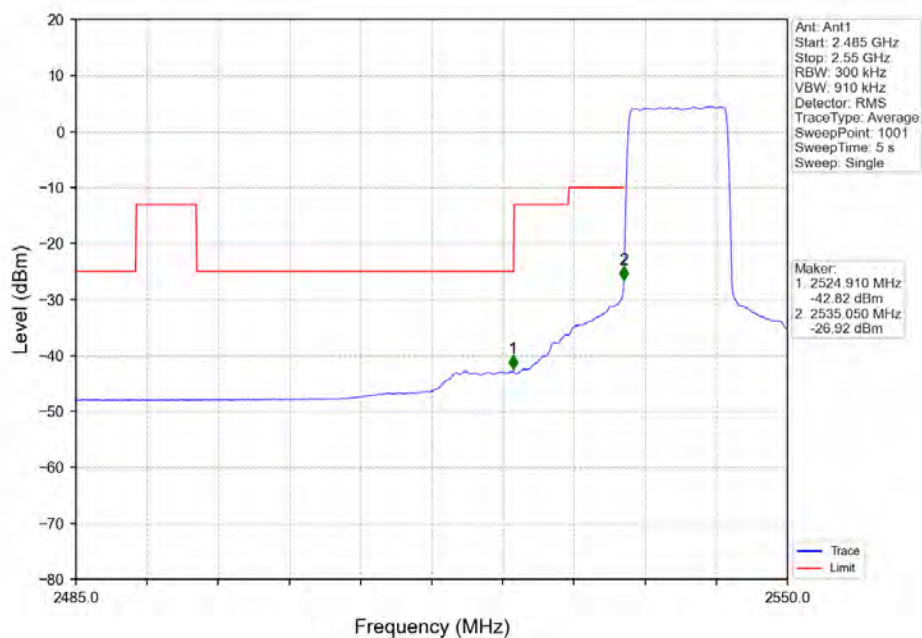
**TEST RESULT**

| Band: 41 / Bandwidth: 10MHz / NTNV |                    |               |        |                     |       |         |
|------------------------------------|--------------------|---------------|--------|---------------------|-------|---------|
| Modulation                         | Frequency<br>(MHz) | RB Allocation |        | Spurious Emission   |       | Verdict |
|                                    |                    | Size          | Offset | Result              | Limit |         |
| QPSK                               | 2540               | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                    |                    | 50            | 0      | Refer To Test Graph |       | Pass    |
|                                    | 2595               | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                    | 2650               | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                    |                    |               | 49     | Refer To Test Graph |       | Pass    |
|                                    |                    | 50            | 0      | Refer To Test Graph |       | Pass    |
| 16QAM                              | 2540               | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                    |                    | 50            | 0      | Refer To Test Graph |       | Pass    |
|                                    | 2595               | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                    | 2650               | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                    |                    |               | 49     | Refer To Test Graph |       | Pass    |
|                                    |                    | 50            | 0      | Refer To Test Graph |       | Pass    |
| 64QAM                              | 2540               | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                    |                    | 50            | 0      | Refer To Test Graph |       | Pass    |
|                                    | 2595               | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                    | 2650               | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                    |                    |               | 49     | Refer To Test Graph |       | Pass    |
|                                    |                    | 50            | 0      | Refer To Test Graph |       | Pass    |

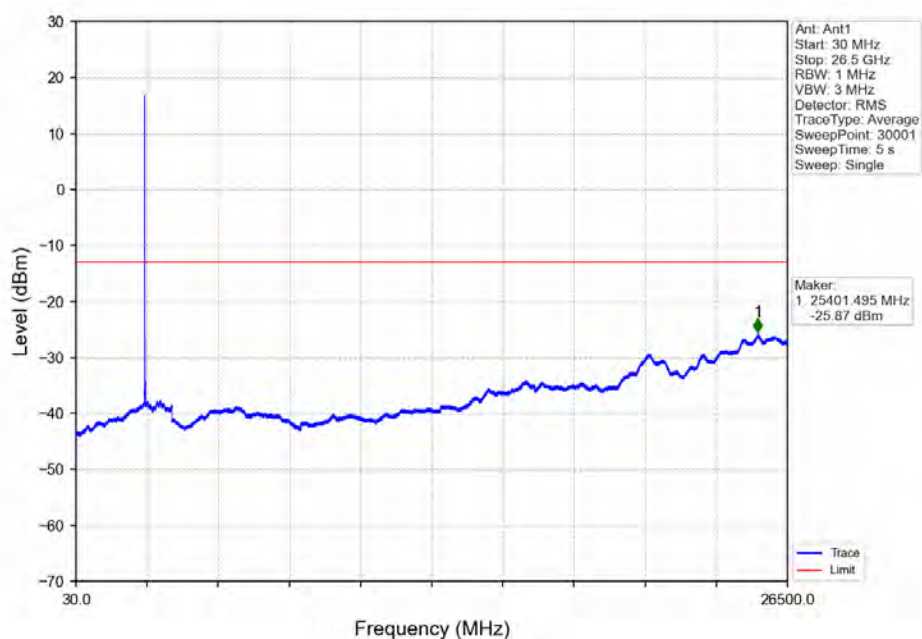
## TEST GRAPH



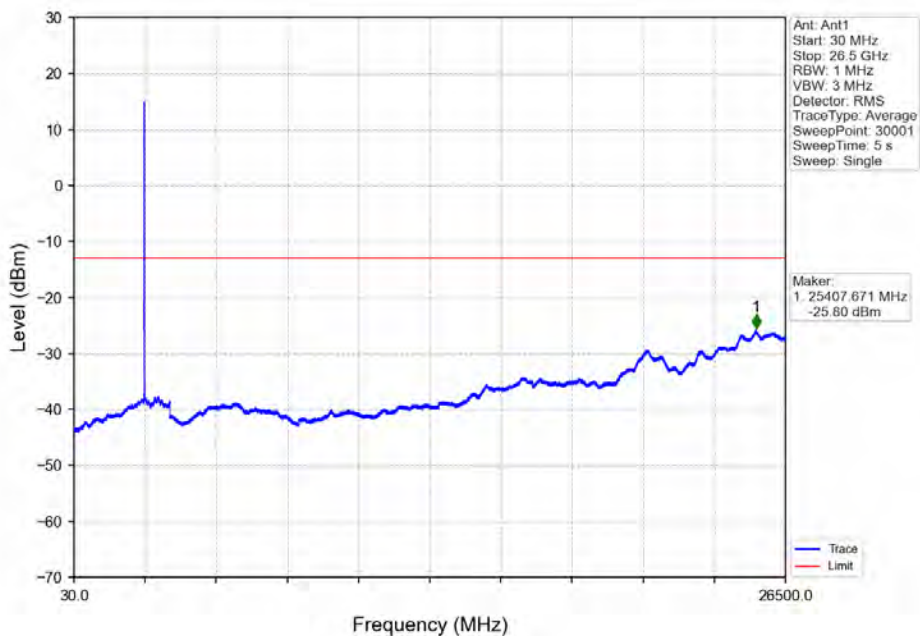
Band41\_10MHz\_QPSK\_LCH\_2540MHz\_RB\_50\_0\_NTNV



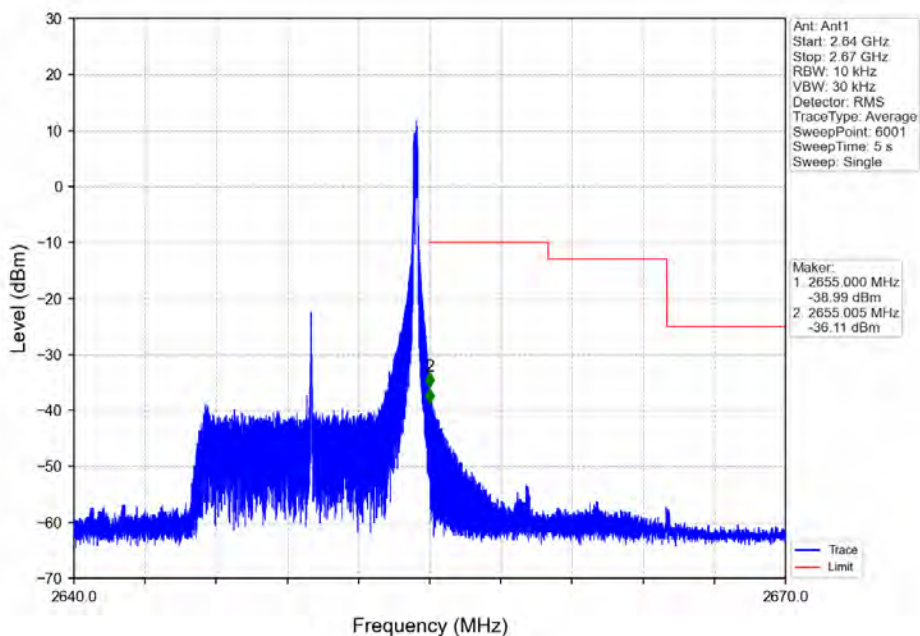
Band41\_10MHz\_QPSK\_MCH\_2595MHz\_RB\_1\_0\_NTNV



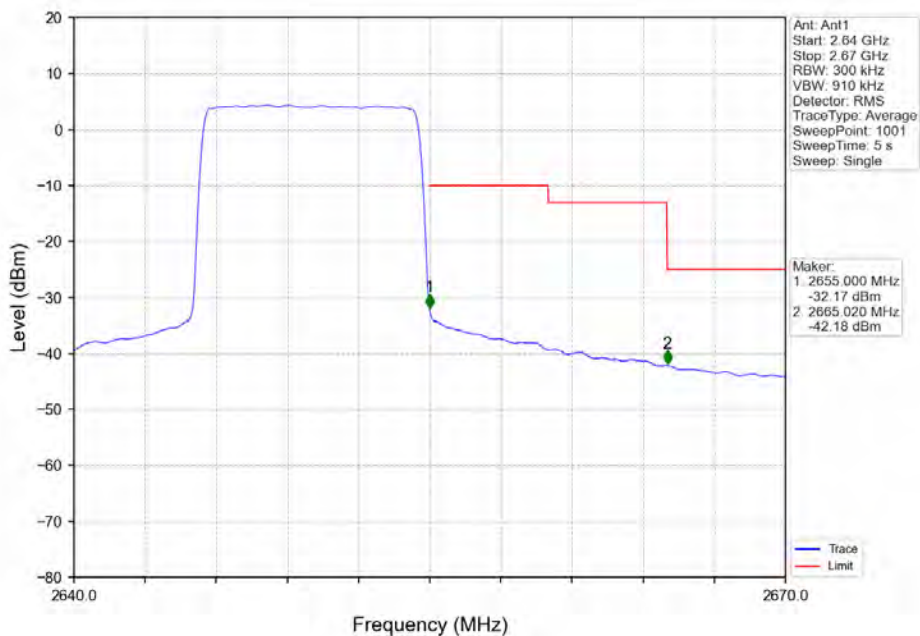
Band41\_10MHz\_QPSK\_HCH\_2650MHz\_RB\_1\_0\_NTNV



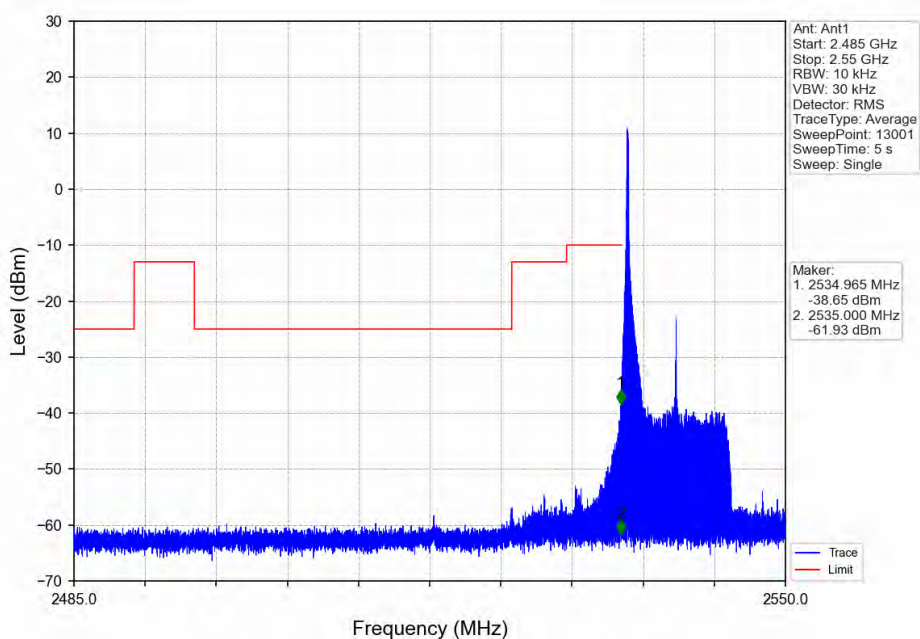
Band41\_10MHz\_QPSK\_HCH\_2650MHz\_RB\_1\_49\_NTNV



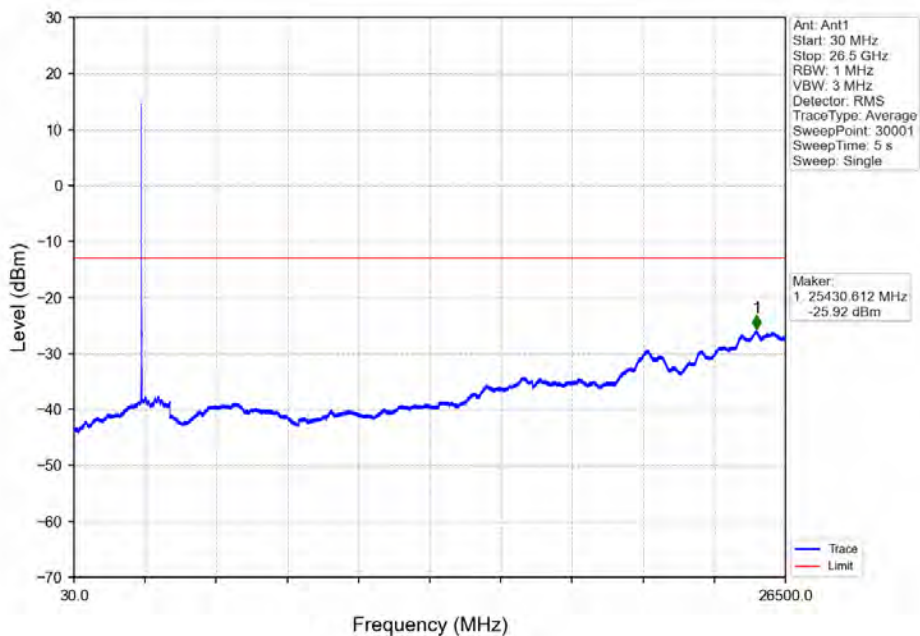
Band41\_10MHz\_QPSK\_HCH\_2650MHz\_RB\_50\_0\_NTNV



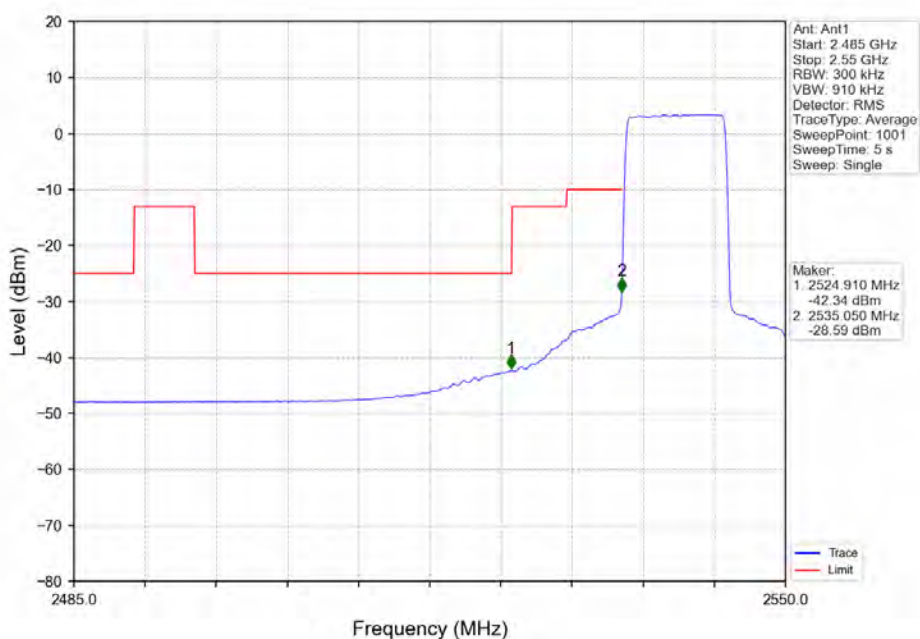
Band41\_10MHz\_16QAM\_LCH\_2540MHz\_RB\_1\_0\_NTNV



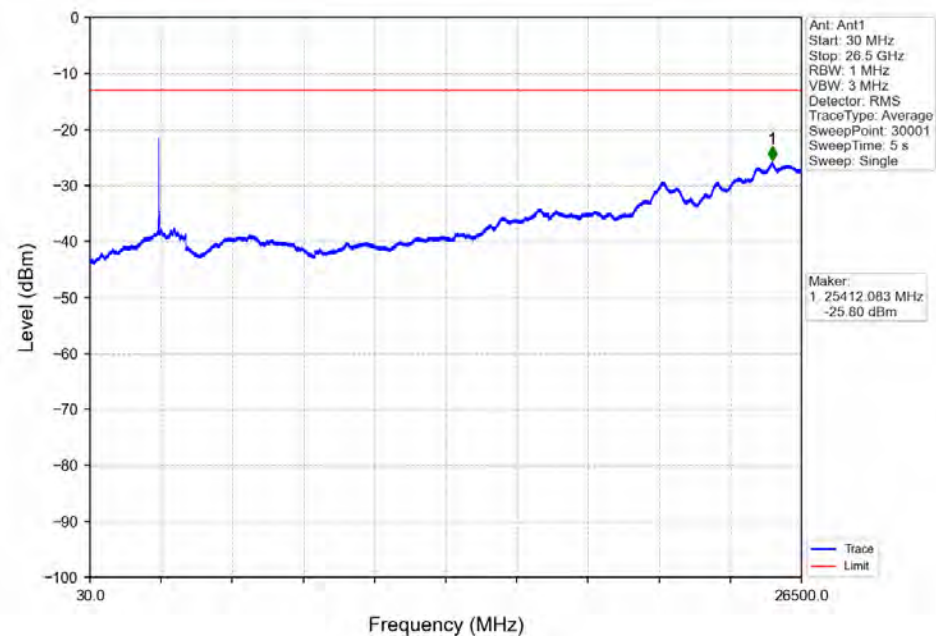
Band41\_10MHz\_16QAM\_LCH\_2540MHz\_RB\_1\_0\_NTNV



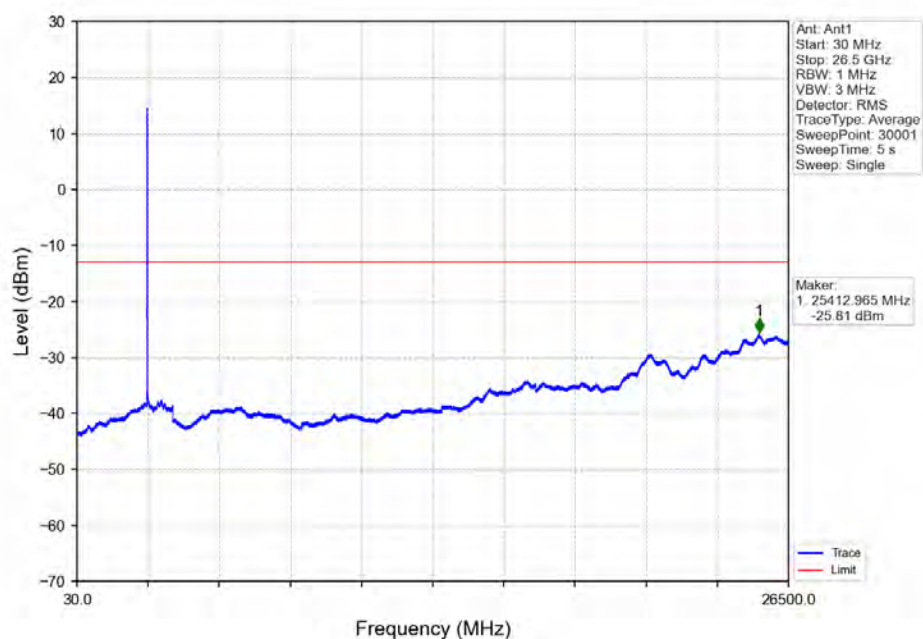
Band41\_10MHz\_16QAM\_LCH\_2540MHz\_RB\_50\_0\_NTNV



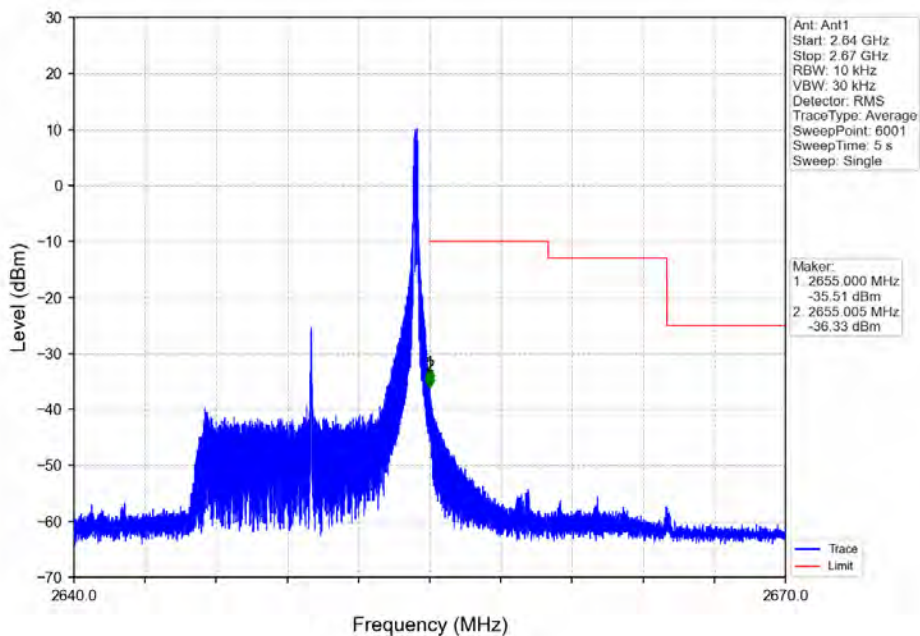
**Band41\_10MHz\_16QAM\_MCH\_2595MHz\_RB\_1\_0\_NTNV**



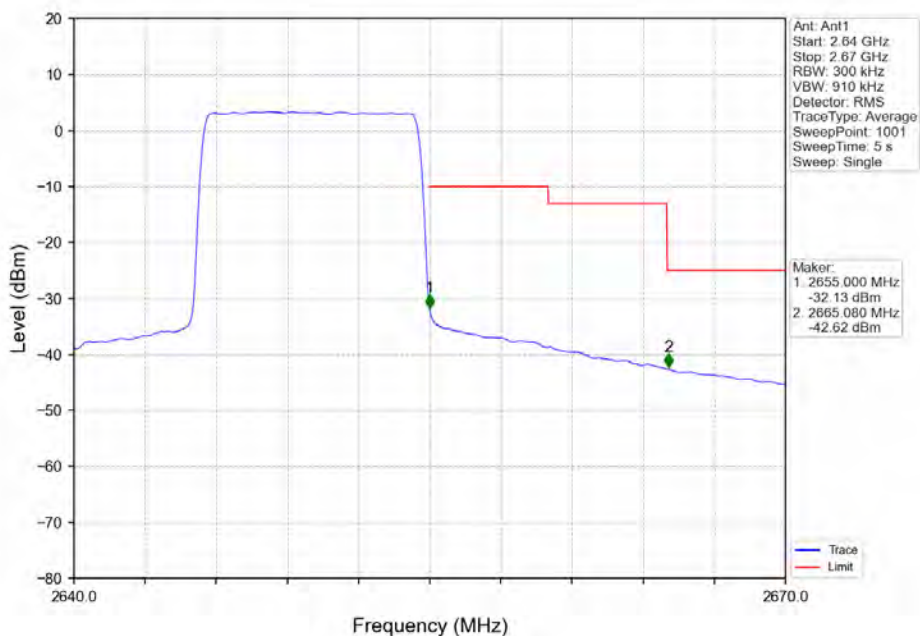
**Band41\_10MHz\_16QAM\_HCH\_2650MHz\_RB\_1\_0\_NTNV**



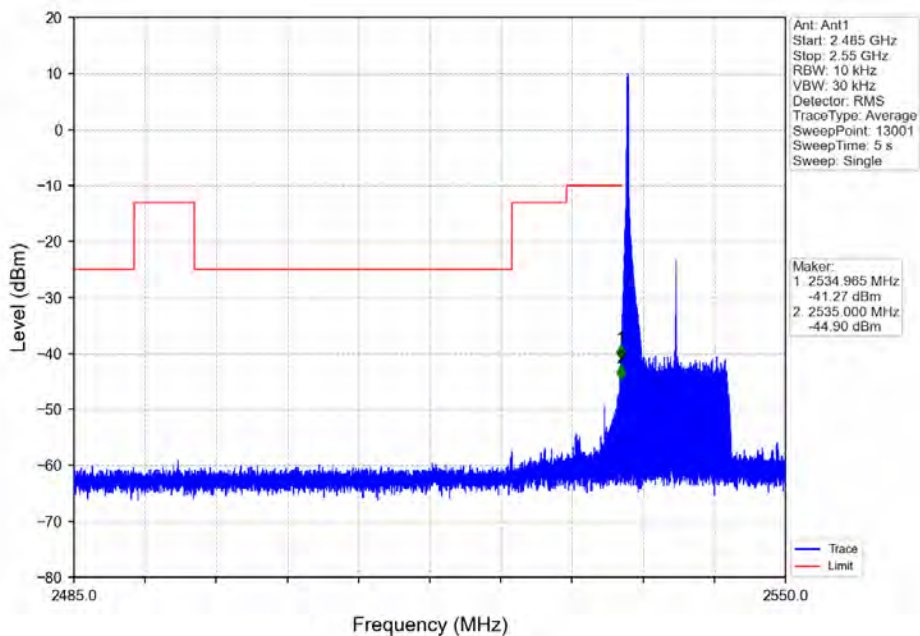
Band41\_10MHz\_16QAM\_HCH\_2650MHz\_RB\_1\_49\_NTNV



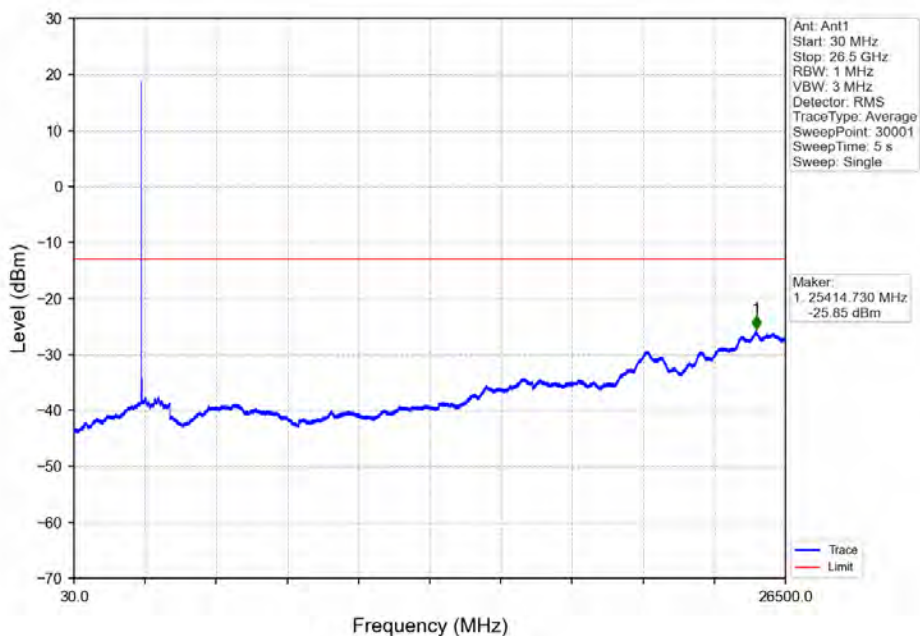
Band41\_10MHz\_16QAM\_HCH\_2650MHz\_RB\_50\_0\_NTNV



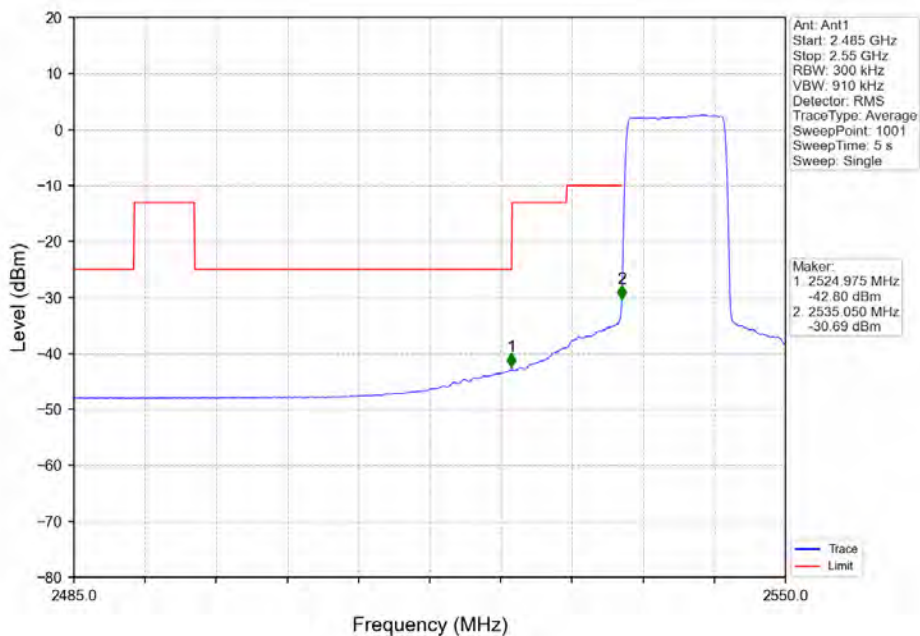
Band41\_10MHz\_64QAM\_LCH\_2540MHz\_RB\_1\_0\_NTNV



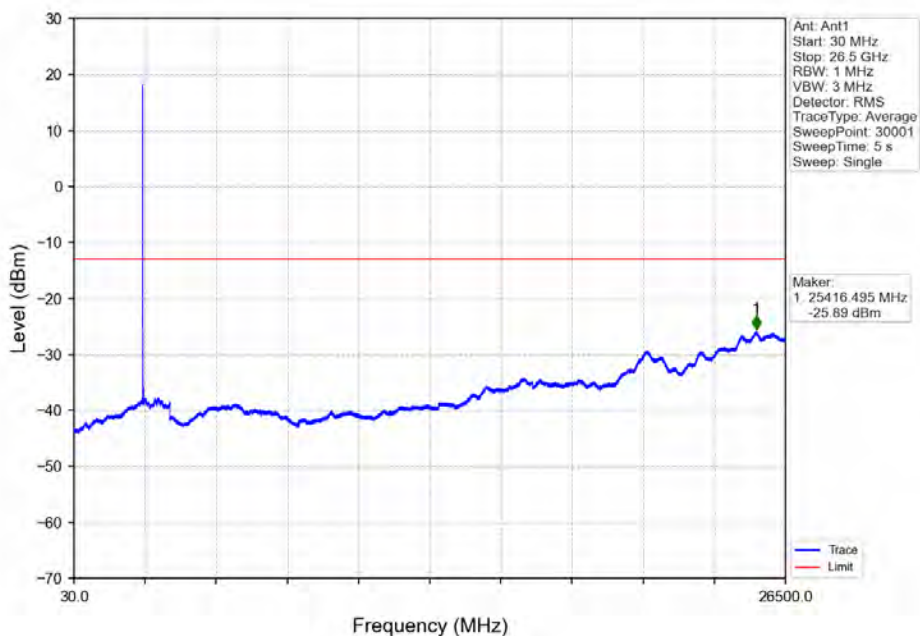
Band41\_10MHz\_64QAM\_LCH\_2540MHz\_RB\_1\_0\_NTNV



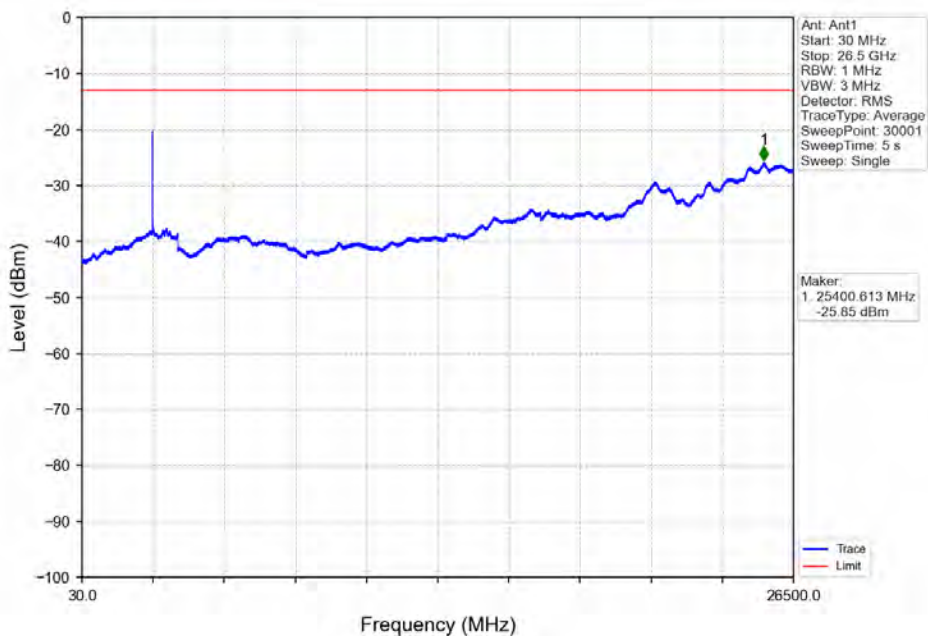
Band41\_10MHz\_64QAM\_LCH\_2540MHz\_RB\_50\_0\_NTNV



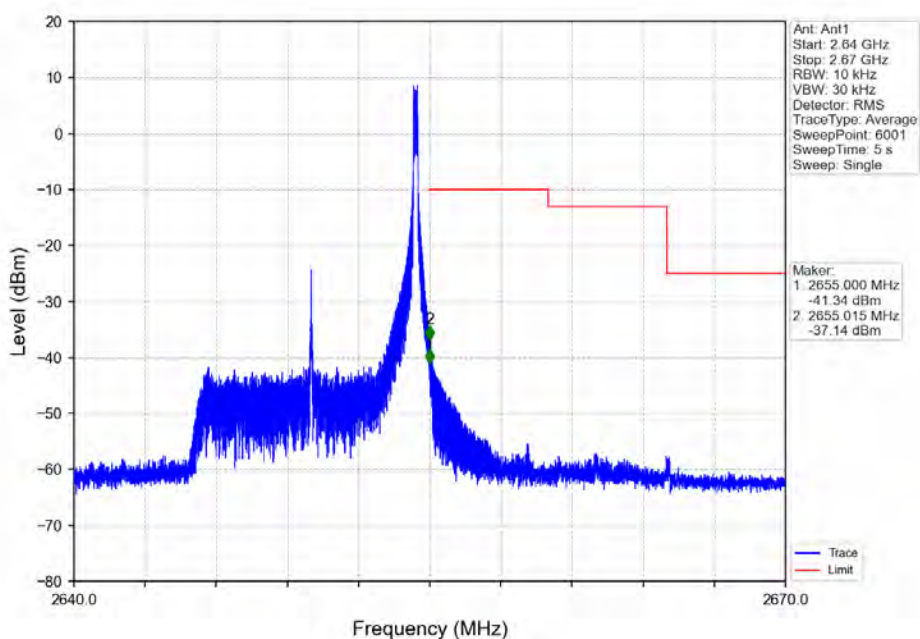
Band41\_10MHz\_64QAM\_MCH\_2595MHz\_RB\_1\_0\_NTNV



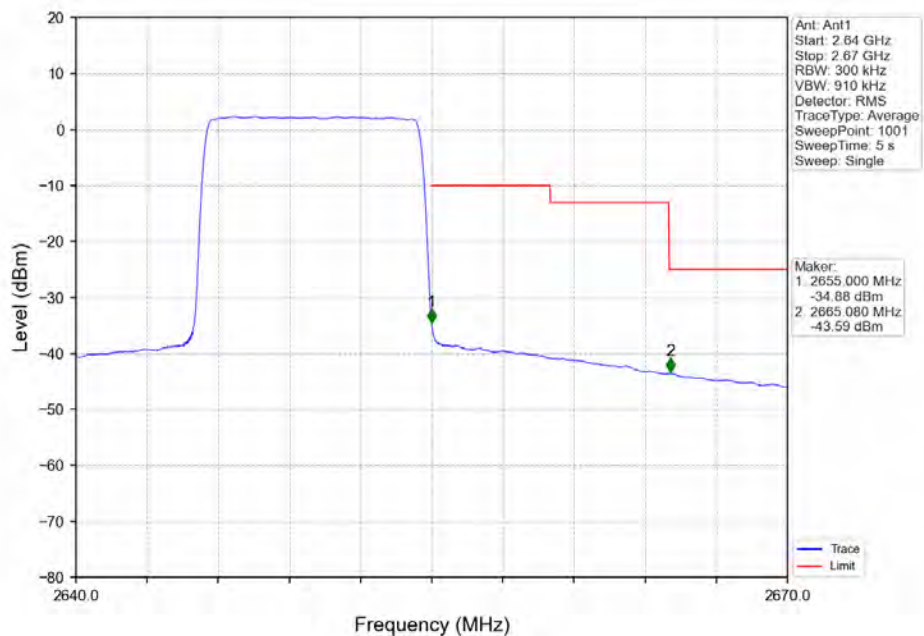
**Band41\_10MHz\_64QAM\_HCH\_2650MHz\_RB\_1\_0\_NTNV**



**Band41\_10MHz\_64QAM\_HCH\_2650MHz\_RB\_1\_49\_NTNV**



**Band41\_10MHz\_64QAM\_HCH\_2650MHz\_RB\_50\_0\_NTNV**



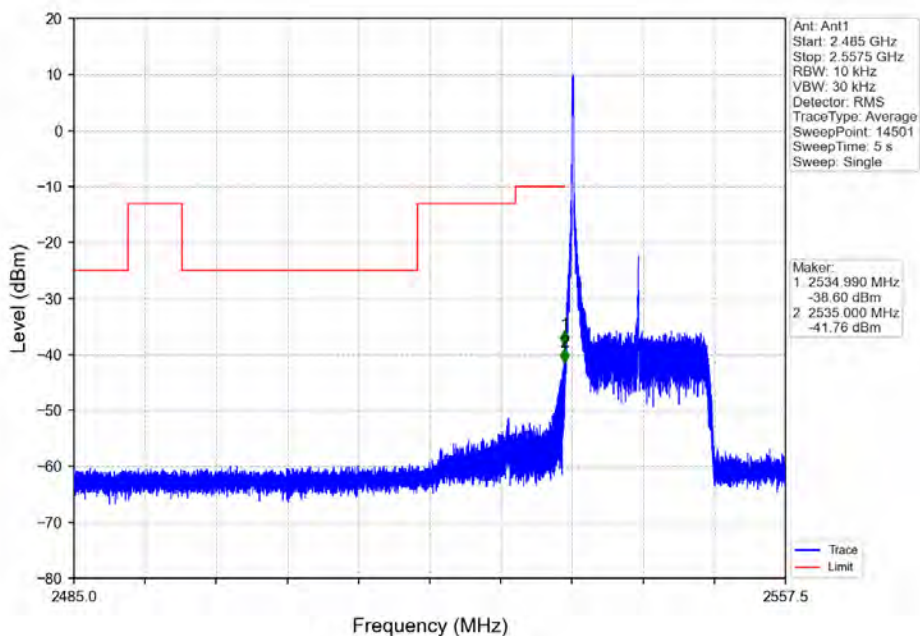
B41\_15MHZ

**TEST RESULT**

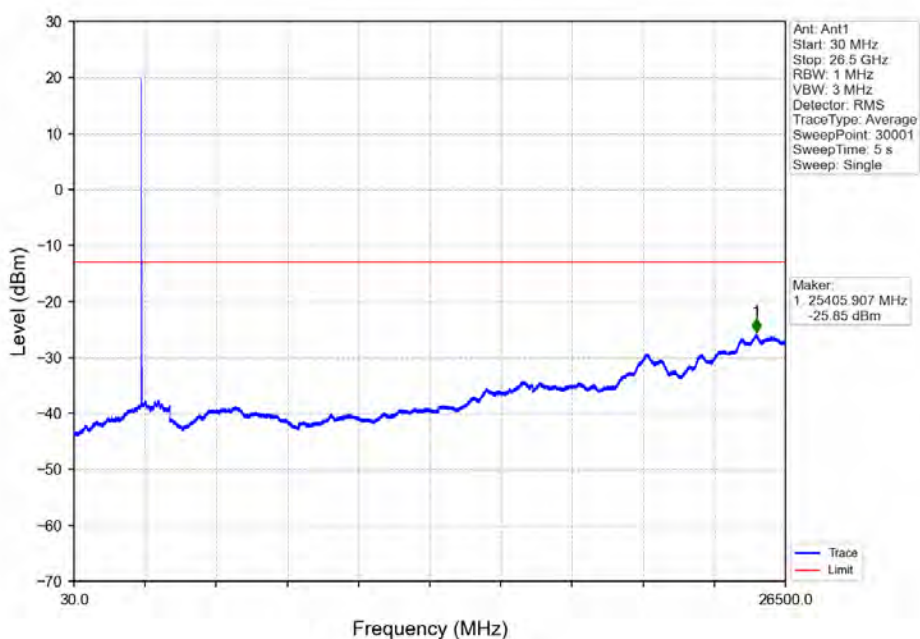
| Band: 41 / Bandwidth: 15MHz / NTNV |                    |               |        |                     |       |         |
|------------------------------------|--------------------|---------------|--------|---------------------|-------|---------|
| Modulation                         | Frequency<br>(MHz) | RB Allocation |        | Spurious Emission   |       | Verdict |
|                                    |                    | Size          | Offset | Result              | Limit |         |
| QPSK                               | 2542.5             | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                    |                    | 75            | 0      | Refer To Test Graph |       | Pass    |
|                                    | 2595               | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                    | 2647.5             | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                    |                    |               | 74     | Refer To Test Graph |       | Pass    |
|                                    |                    | 75            | 0      | Refer To Test Graph |       | Pass    |
| 16QAM                              | 2542.5             | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                    |                    | 75            | 0      | Refer To Test Graph |       | Pass    |
|                                    | 2595               | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                    | 2647.5             | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                    |                    |               | 74     | Refer To Test Graph |       | Pass    |
|                                    |                    | 75            | 0      | Refer To Test Graph |       | Pass    |
| 64QAM                              | 2542.5             | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                    |                    | 75            | 0      | Refer To Test Graph |       | Pass    |
|                                    | 2595               | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                    | 2647.5             | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                    |                    |               | 74     | Refer To Test Graph |       | Pass    |
|                                    |                    | 75            | 0      | Refer To Test Graph |       | Pass    |

## TEST GRAPH

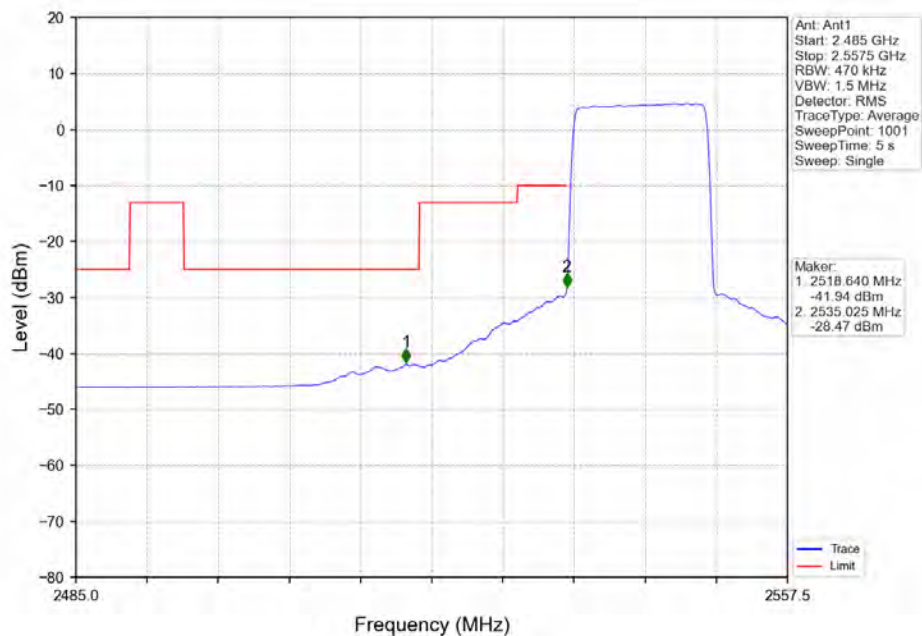
Band41\_15MHz\_QPSK\_LCH\_2542.5MHz\_RB\_1\_0\_NTNV



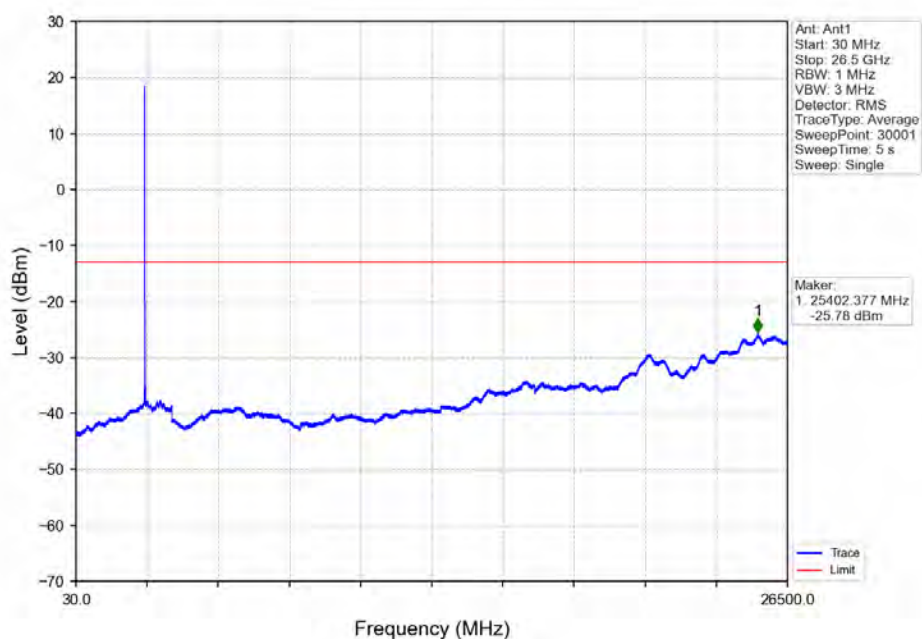
Band41\_15MHz\_QPSK\_LCH\_2542.5MHz\_RB\_1\_0\_NTNV



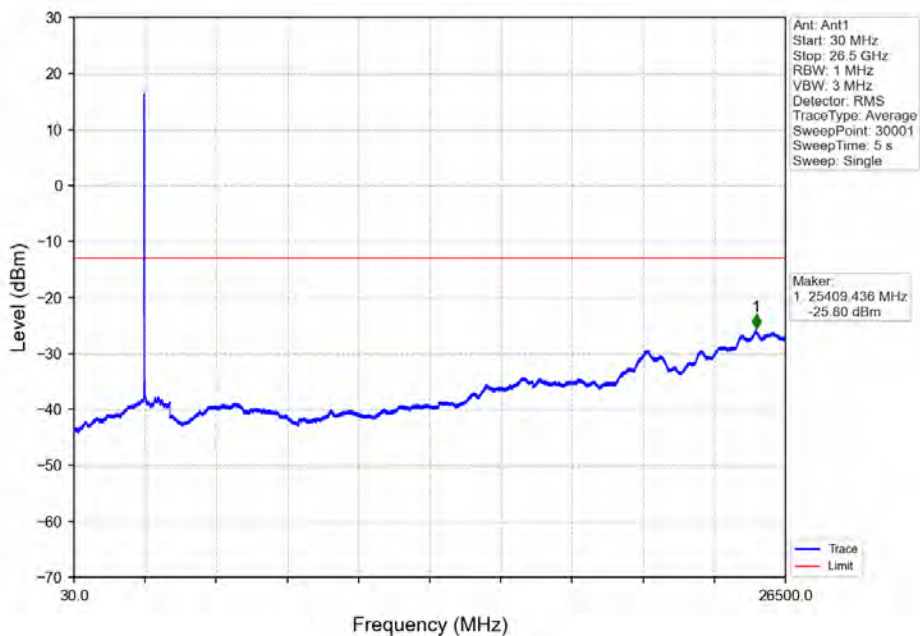
Band41\_15MHz\_QPSK\_LCH\_2542.5MHz\_RB\_75\_0\_NTNV



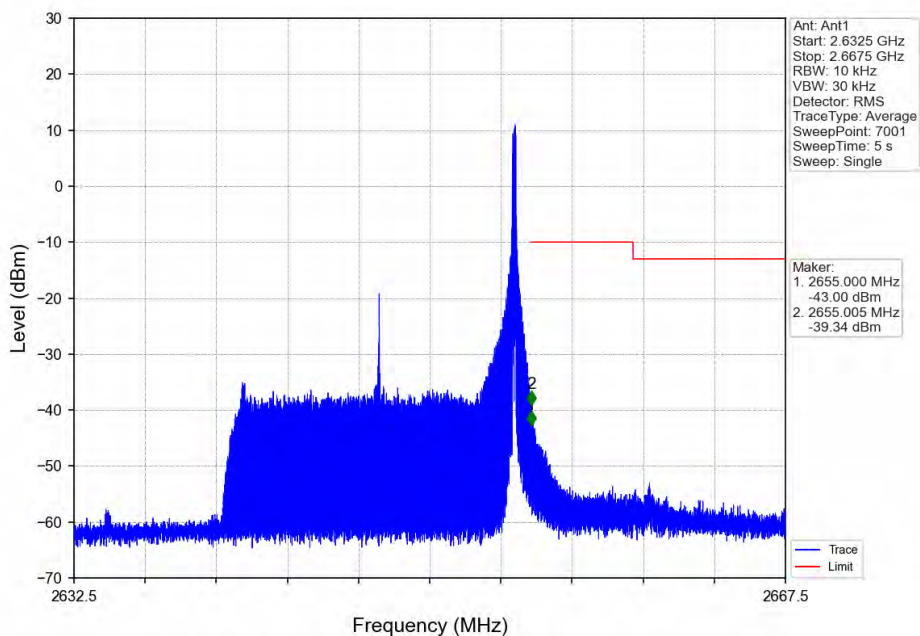
Band41\_15MHz\_QPSK\_MCH\_2595MHz\_RB\_1\_0\_NTNV



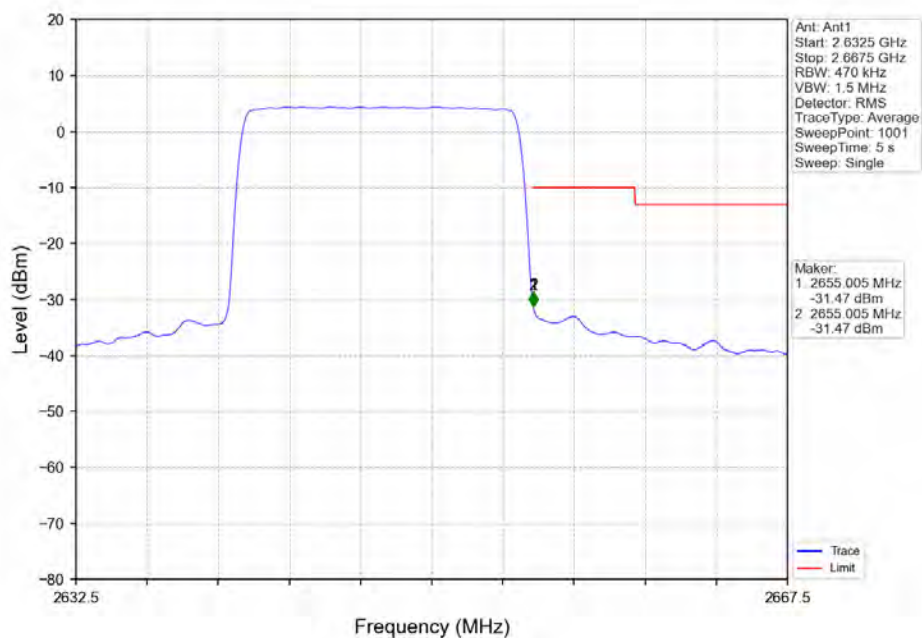
Band41\_15MHz\_QPSK\_HCH\_2647.5MHz\_RB\_1\_0\_NTNV



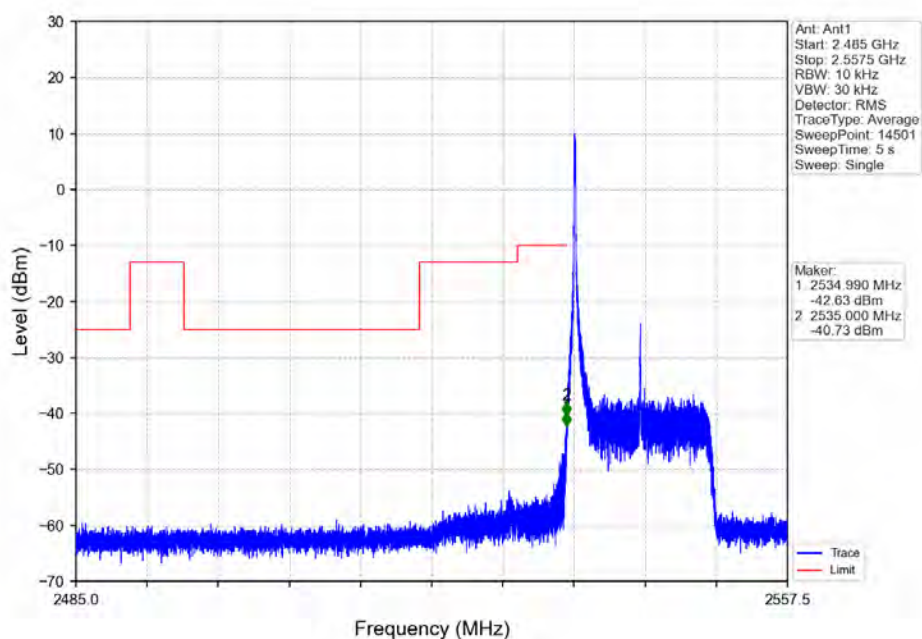
Band41\_15MHz\_QPSK\_HCH\_2647.5MHz\_RB\_1\_74\_NTNV



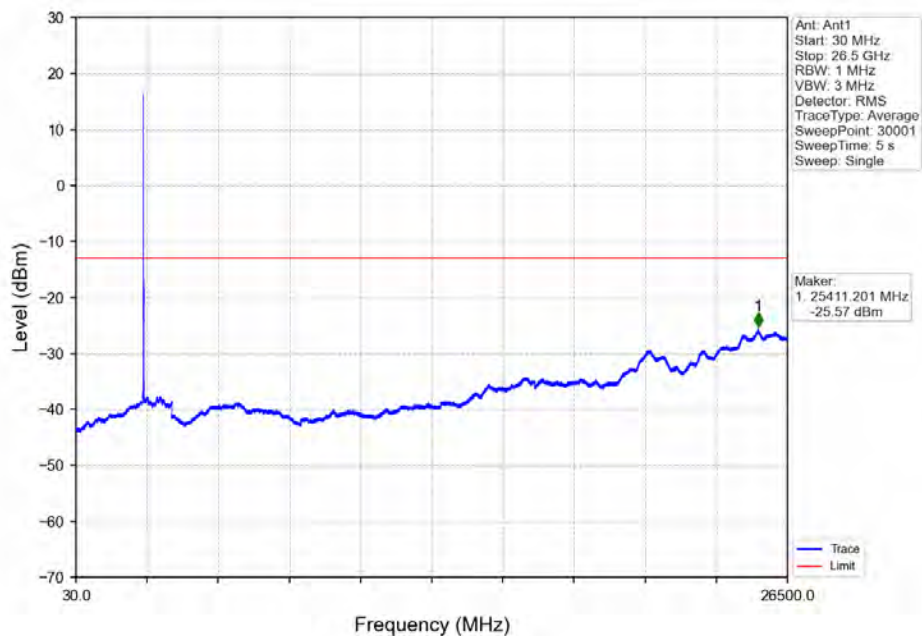
**Band41\_15MHz\_QPSK\_HCH\_2647.5MHz\_RB\_75\_0\_NTNV**



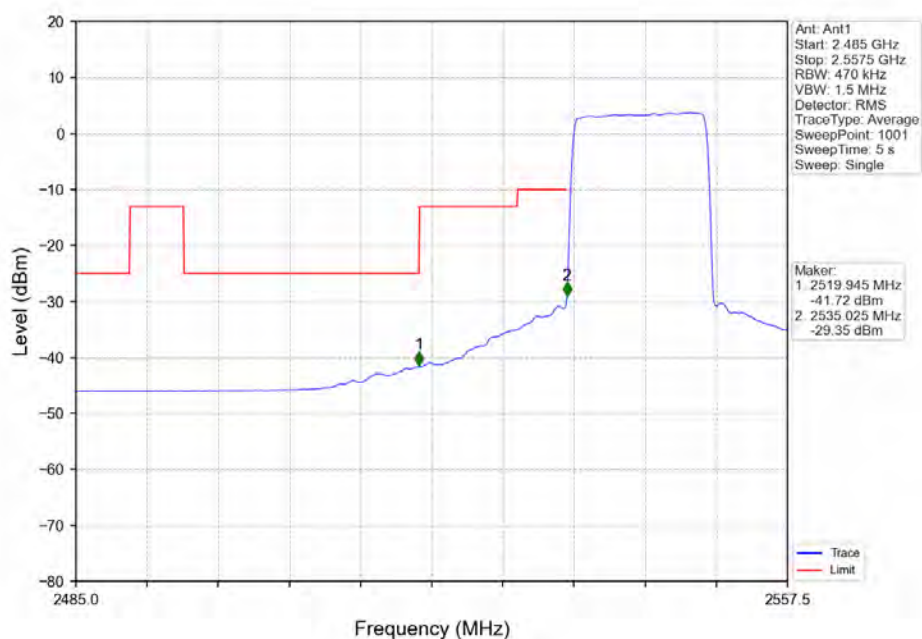
**Band41\_15MHz\_16QAM\_LCH\_2542.5MHz\_RB\_1\_0\_NTNV**



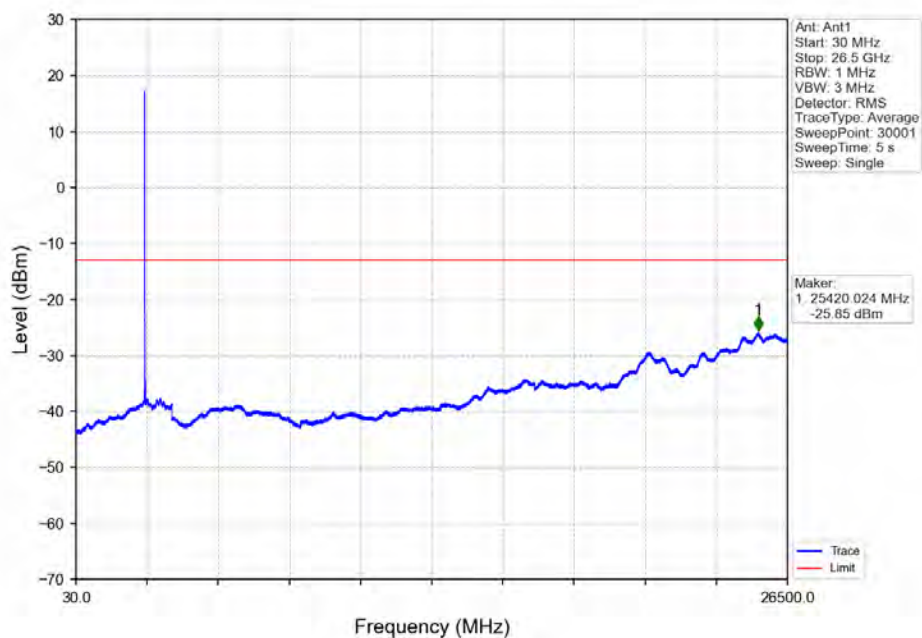
**Band41\_15MHz\_16QAM\_LCH\_2542.5MHz\_RB\_1\_0\_NTNV**



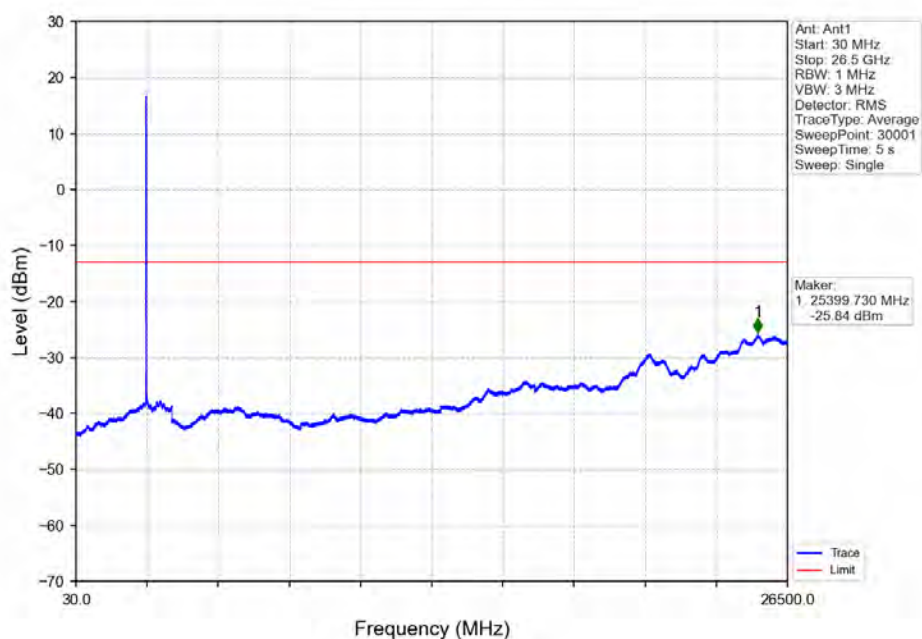
**Band41\_15MHz\_16QAM\_LCH\_2542.5MHz\_RB\_75\_0\_NTNV**



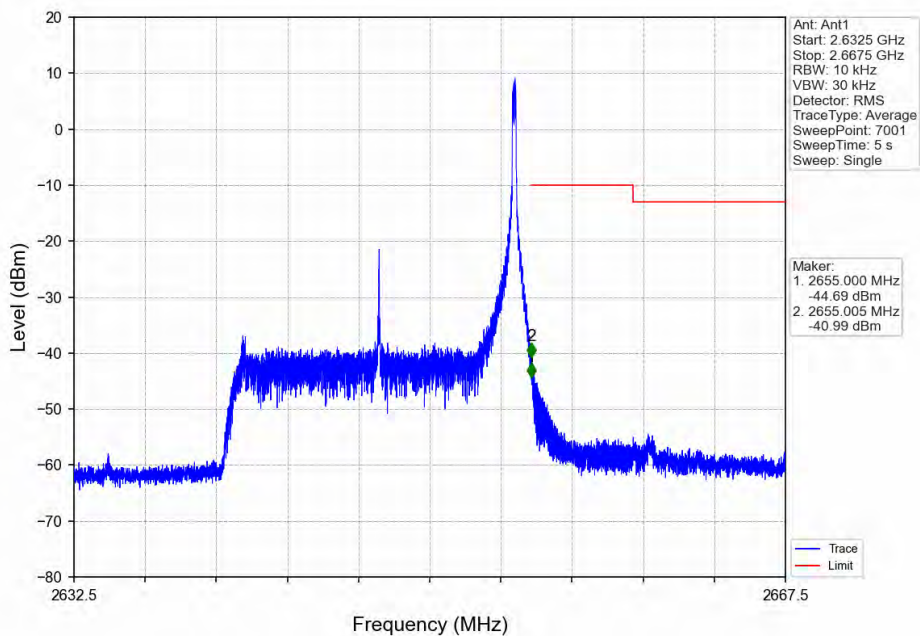
**Band41\_15MHz\_16QAM\_MCH\_2595MHz\_RB\_1\_0\_NTNV**



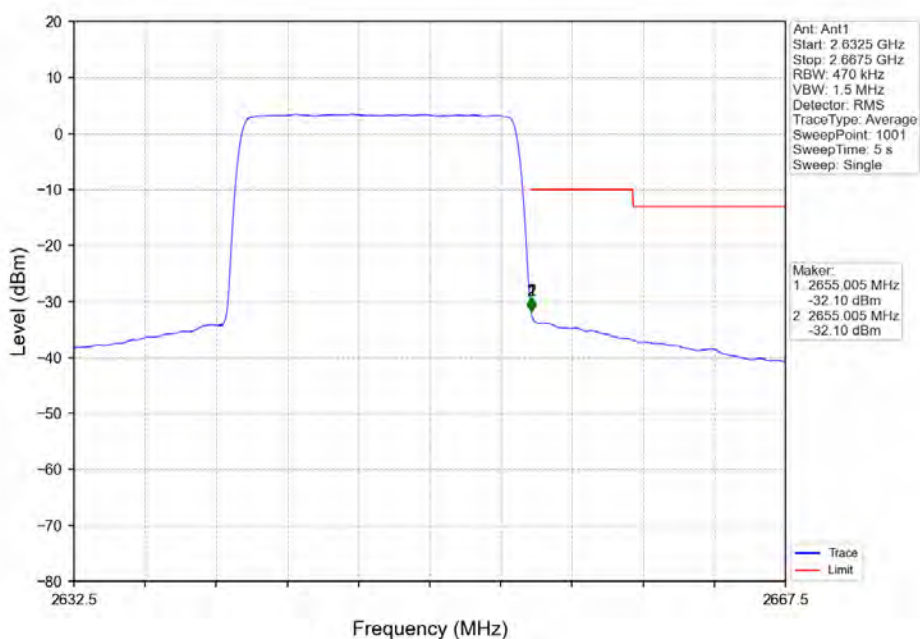
**Band41\_15MHz\_16QAM\_HCH\_2647.5MHz\_RB\_1\_0\_NTNV**



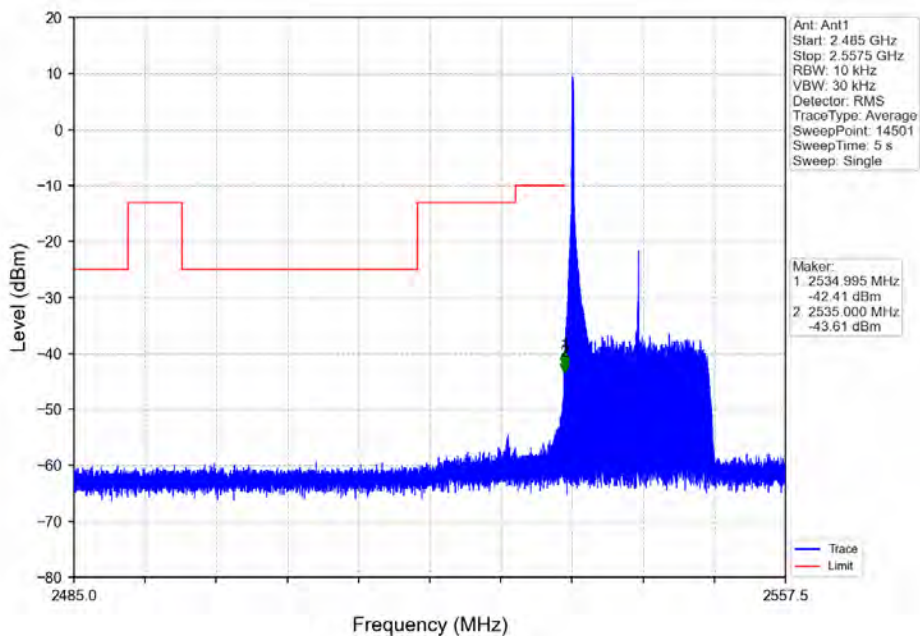
**Band41\_15MHz\_16QAM\_HCH\_2647.5MHz\_RB\_1\_74\_NTNV**



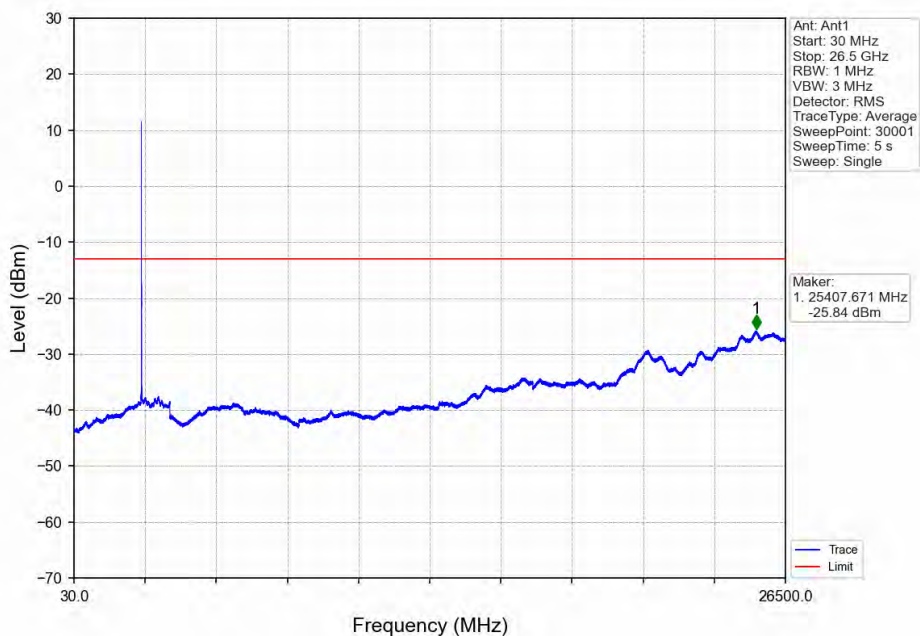
**Band41\_15MHz\_16QAM\_HCH\_2647.5MHz\_RB\_75\_0\_NTNV**



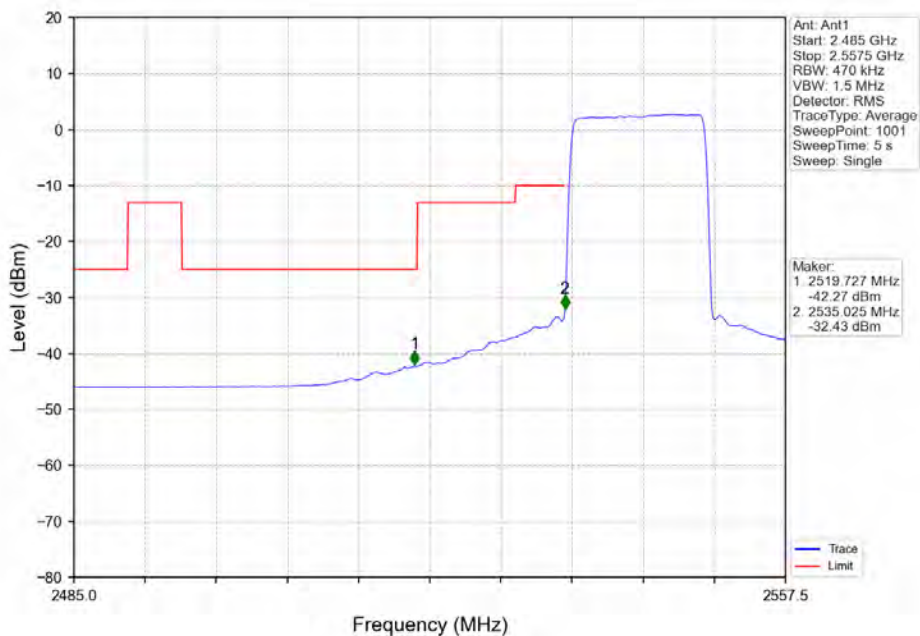
Band41\_15MHz\_64QAM\_LCH\_2542.5MHz\_RB\_1\_0\_NTNV



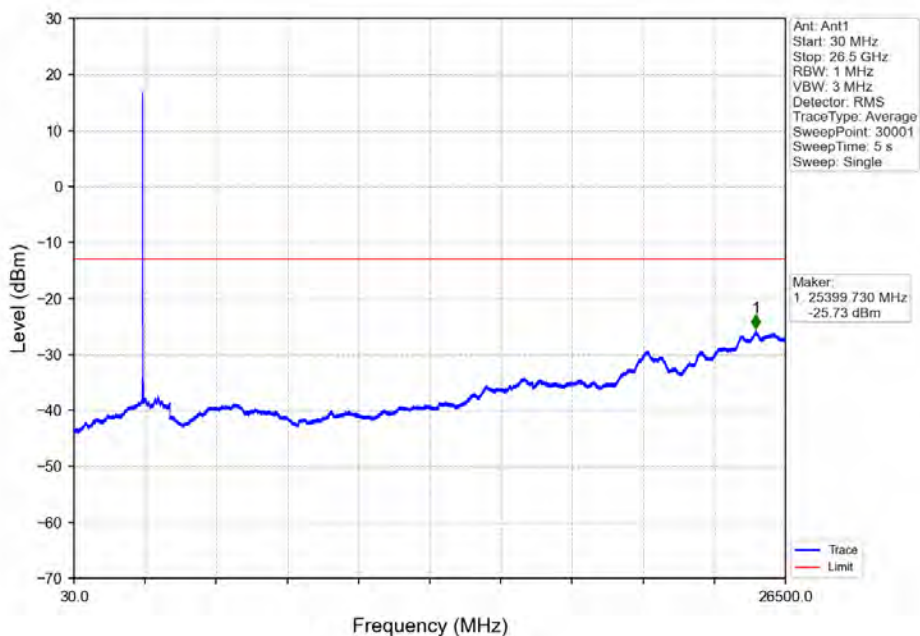
Band41\_15MHz\_64QAM\_LCH\_2542.5MHz\_RB\_1\_0\_NTNV



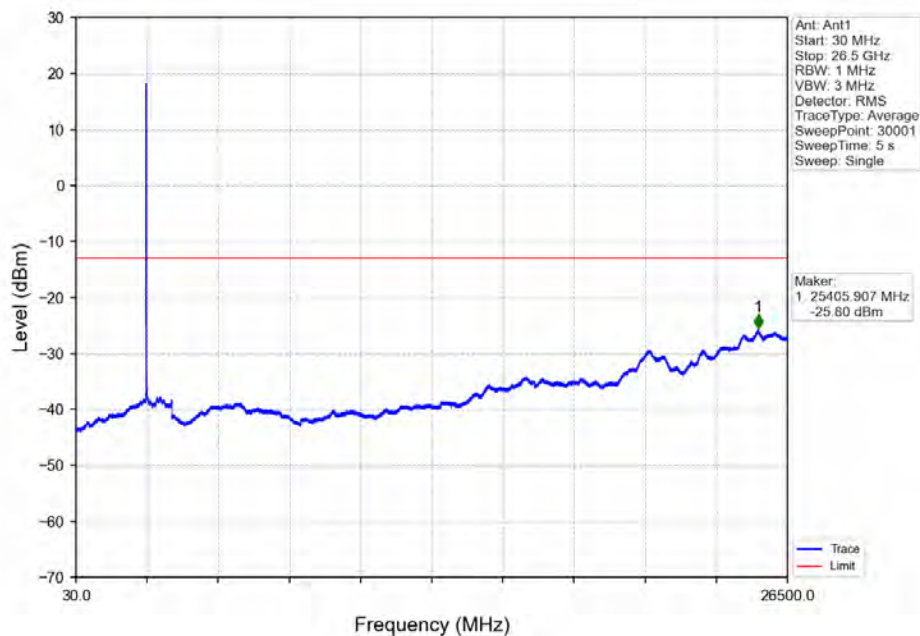
Band41\_15MHz\_64QAM\_LCH\_2542.5MHz\_RB\_75\_0\_NTNV



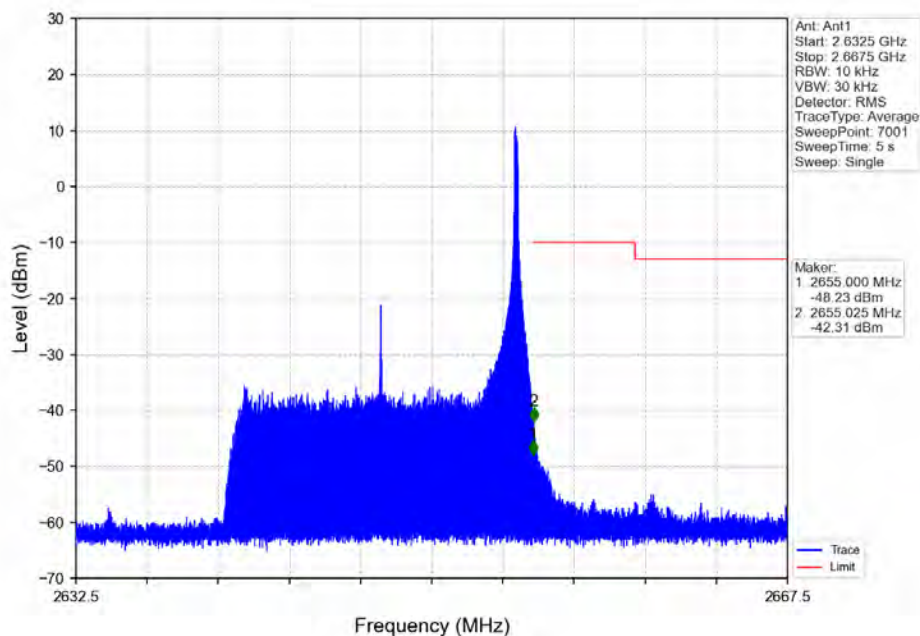
Band41\_15MHz\_64QAM\_MCH\_2595MHz\_RB\_1\_0\_NTNV



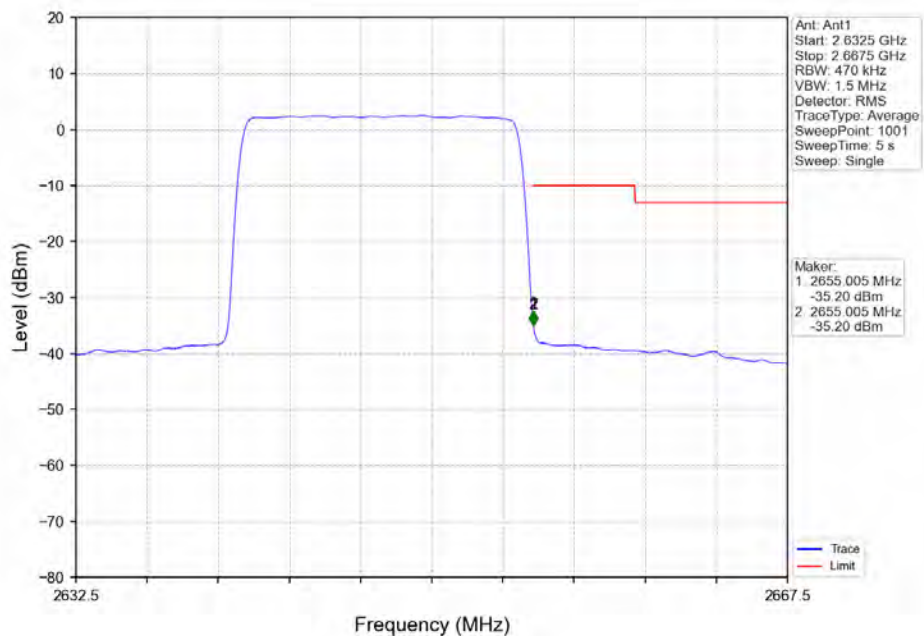
Band41\_15MHz\_64QAM\_HCH\_2647.5MHz\_RB\_1\_0\_NTNV



Band41\_15MHz\_64QAM\_HCH\_2647.5MHz\_RB\_1\_74\_NTNV



**Band41\_15MHz\_64QAM\_HCH\_2647.5MHz\_RB\_75\_0\_NTNV**



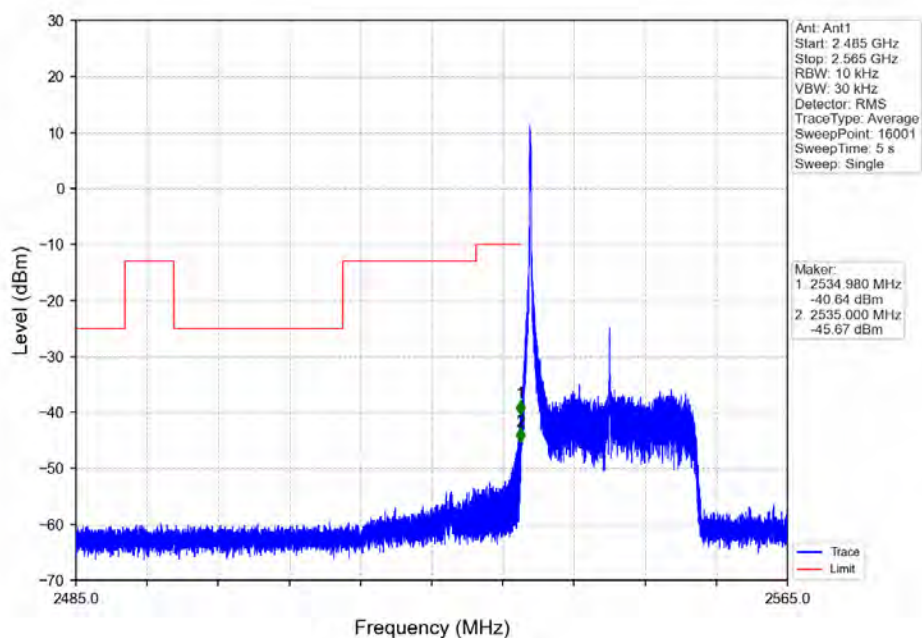
B41\_20MHZ

**TEST RESULT**

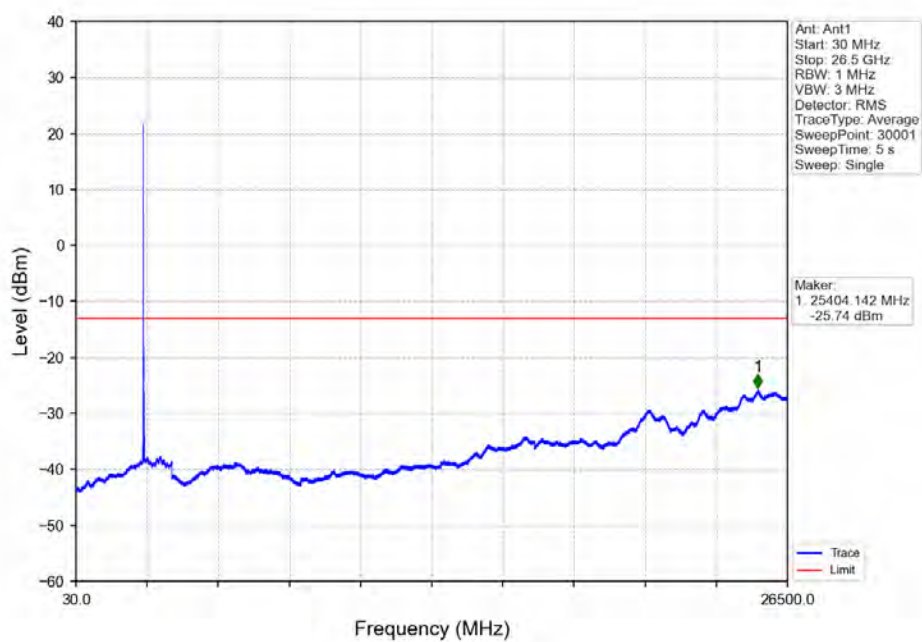
| Band: 41 / Bandwidth: 20MHz / NTNV |                    |               |        |                     |       |         |
|------------------------------------|--------------------|---------------|--------|---------------------|-------|---------|
| Modulation                         | Frequency<br>(MHz) | RB Allocation |        | Spurious Emission   |       | Verdict |
|                                    |                    | Size          | Offset | Result              | Limit |         |
| QPSK                               | 2545               | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                    |                    | 100           | 0      | Refer To Test Graph |       | Pass    |
|                                    | 2595               | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                    | 2645               | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                    |                    |               | 99     | Refer To Test Graph |       | Pass    |
|                                    |                    | 100           | 0      | Refer To Test Graph |       | Pass    |
| 16QAM                              | 2545               | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                    |                    | 100           | 0      | Refer To Test Graph |       | Pass    |
|                                    | 2595               | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                    | 2645               | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                    |                    |               | 99     | Refer To Test Graph |       | Pass    |
|                                    |                    | 100           | 0      | Refer To Test Graph |       | Pass    |
| 64QAM                              | 2545               | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                    |                    | 100           | 0      | Refer To Test Graph |       | Pass    |
|                                    | 2595               | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                    | 2645               | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                    |                    |               | 99     | Refer To Test Graph |       | Pass    |
|                                    |                    | 100           | 0      | Refer To Test Graph |       | Pass    |

## TEST GRAPH

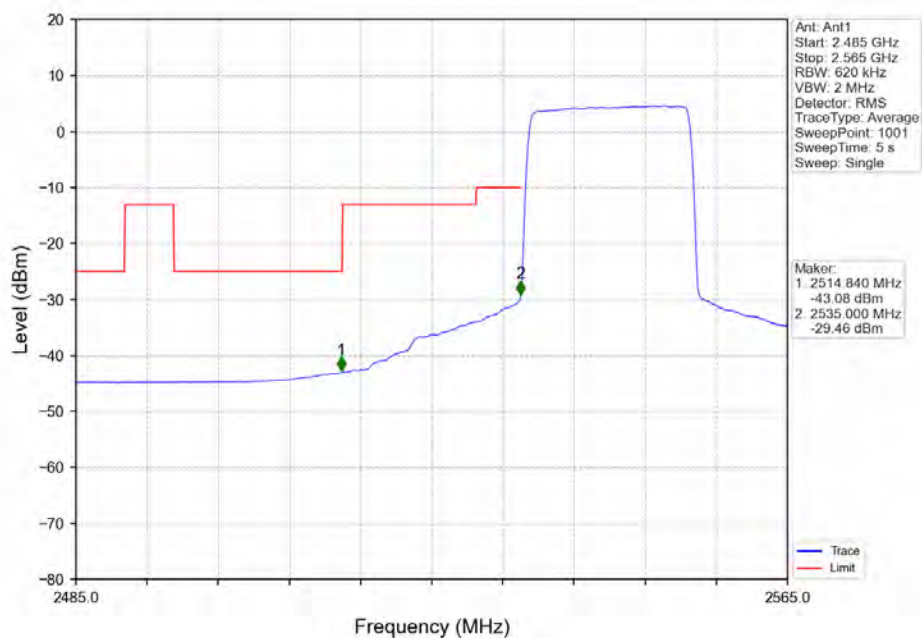
Band41\_20MHz\_QPSK\_LCH\_2545MHz\_RB\_1\_0\_NTNV



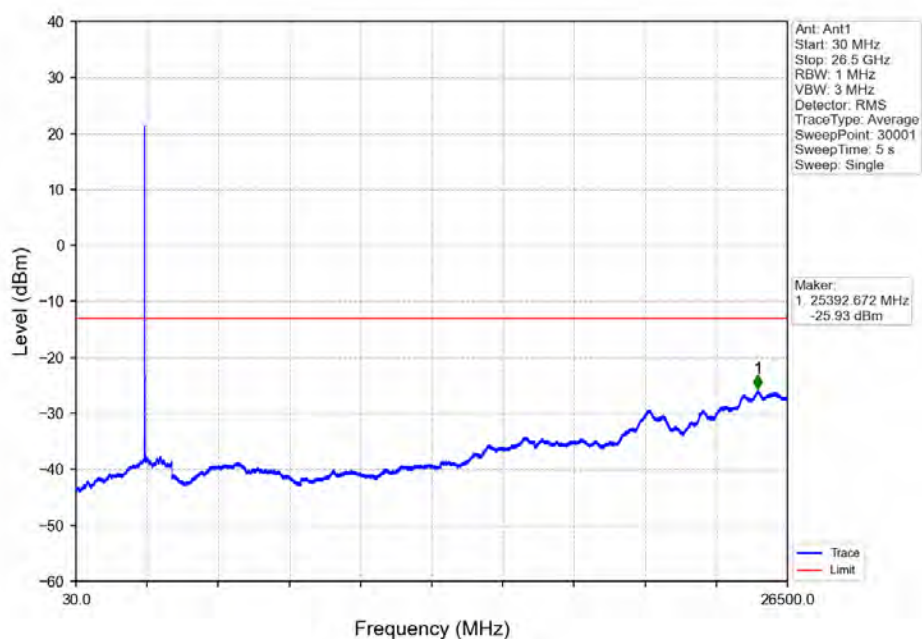
Band41\_20MHz\_QPSK\_LCH\_2545MHz\_RB\_1\_0\_NTNV



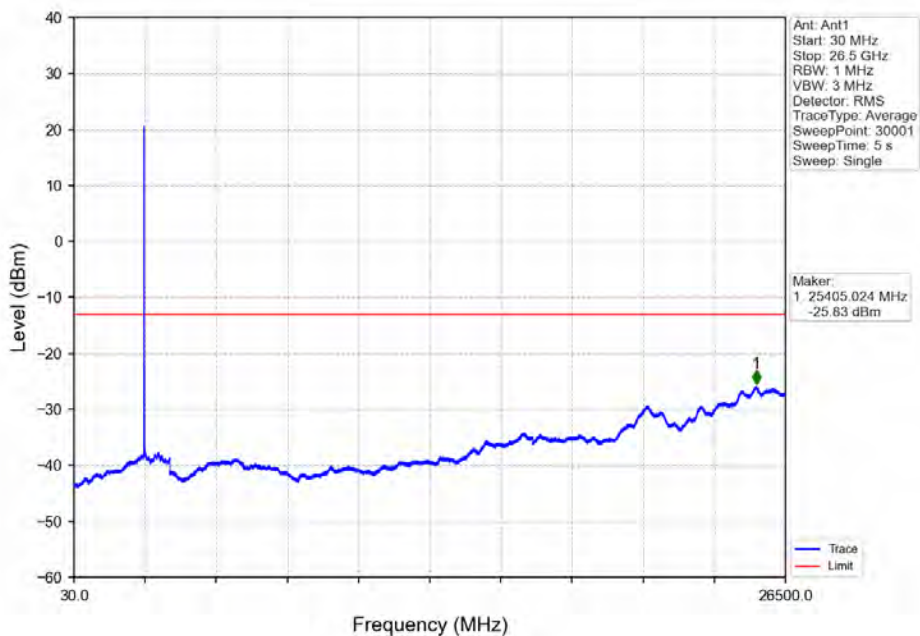
**Band41\_20MHz\_QPSK\_LCH\_2545MHz\_RB\_100\_0\_NTNV**



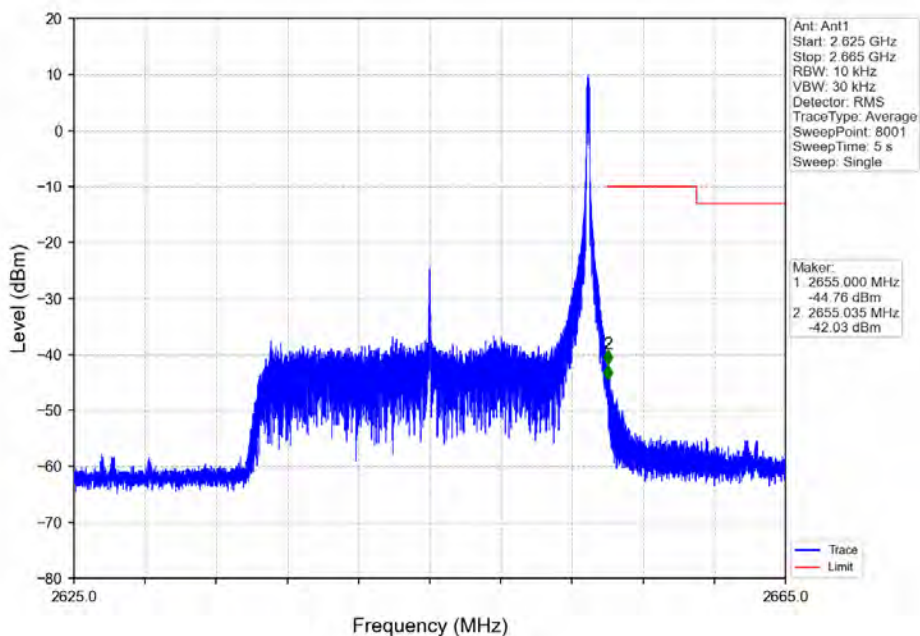
**Band41\_20MHz\_QPSK\_MCH\_2595MHz\_RB\_1\_0\_NTNV**



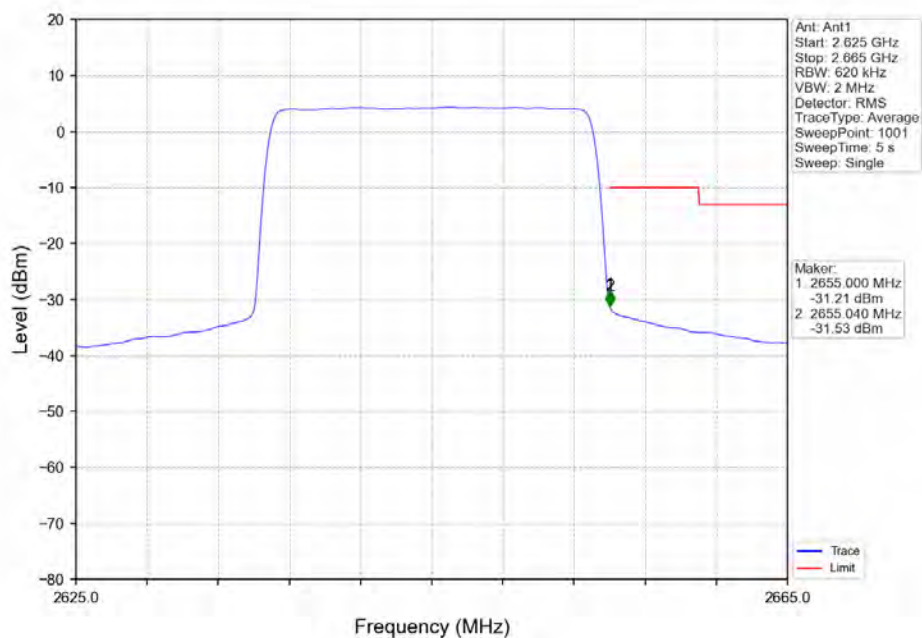
Band41\_20MHz\_QPSK\_HCH\_2645MHz\_RB\_1\_0\_NTNV



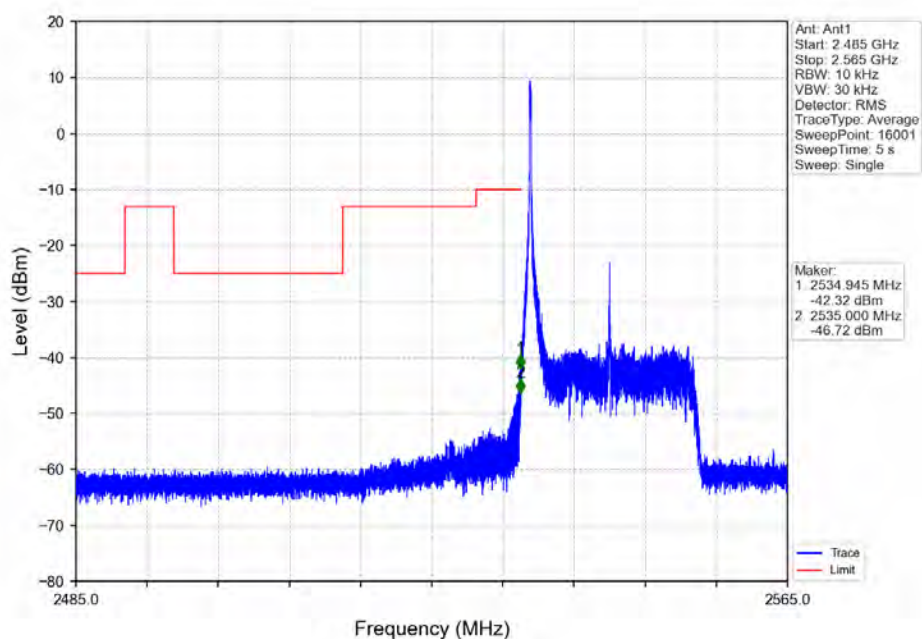
Band41\_20MHz\_QPSK\_HCH\_2645MHz\_RB\_1\_99\_NTNV



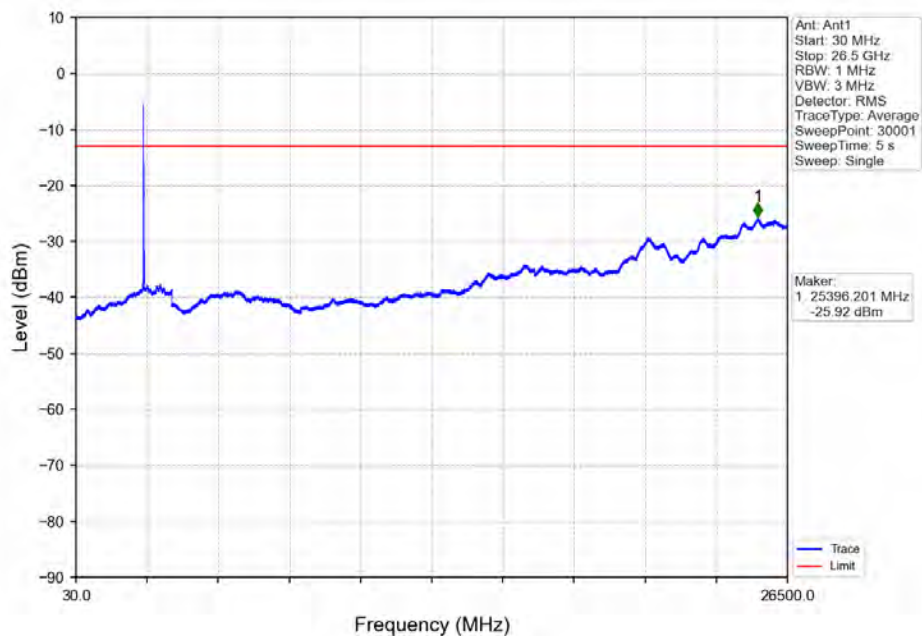
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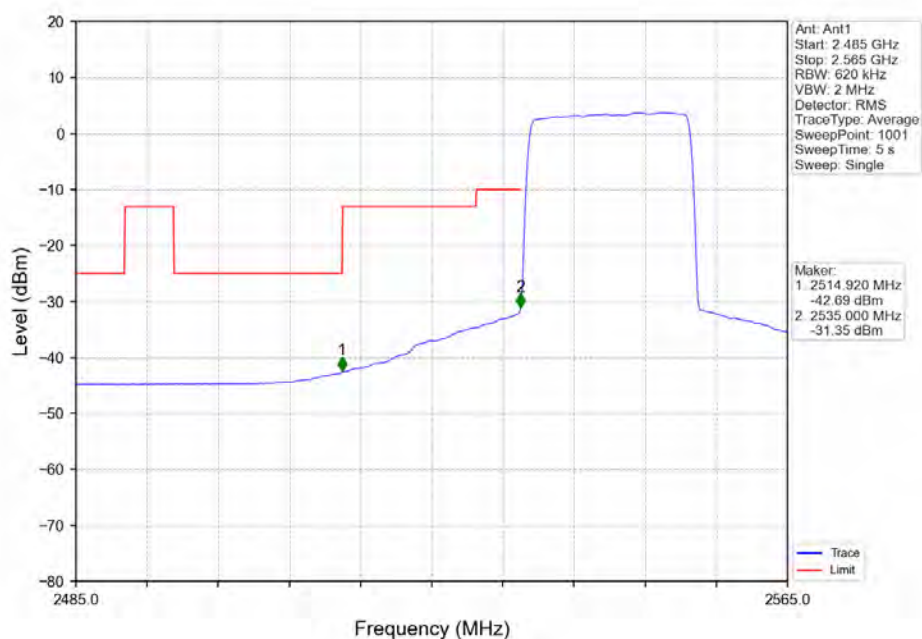
Band41\_20MHz\_16QAM\_LCH\_2545MHz\_RB\_1\_0\_NTNV



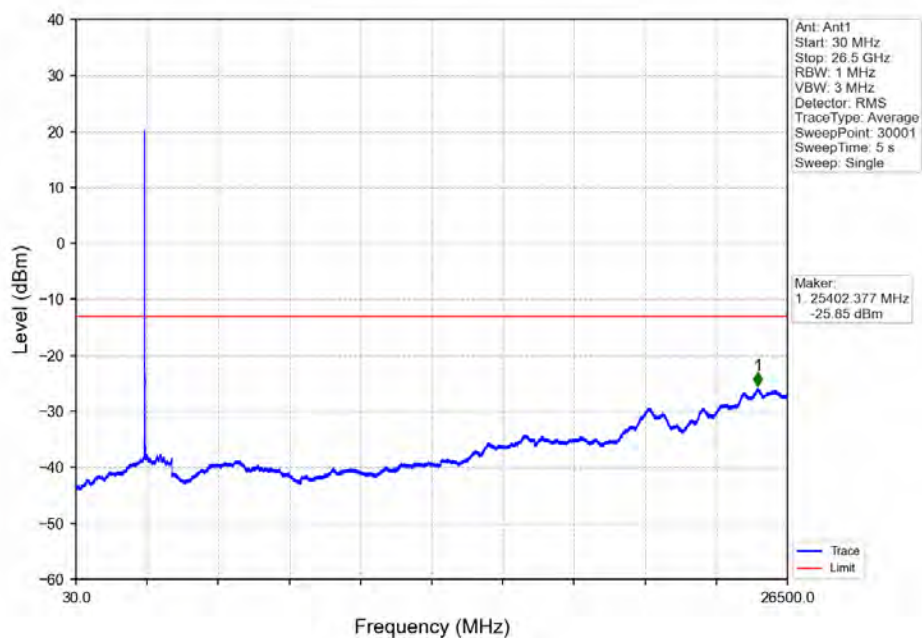
Band41\_20MHz\_16QAM\_LCH\_2545MHz\_RB\_1\_0\_NTNV



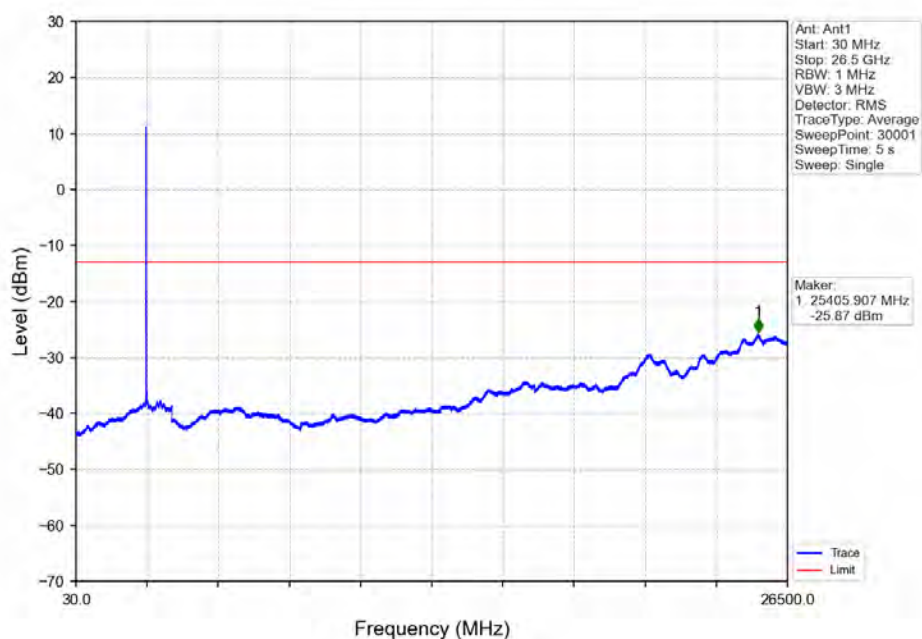
Band41\_20MHz\_16QAM\_LCH\_2545MHz\_RB\_100\_0\_NTNV



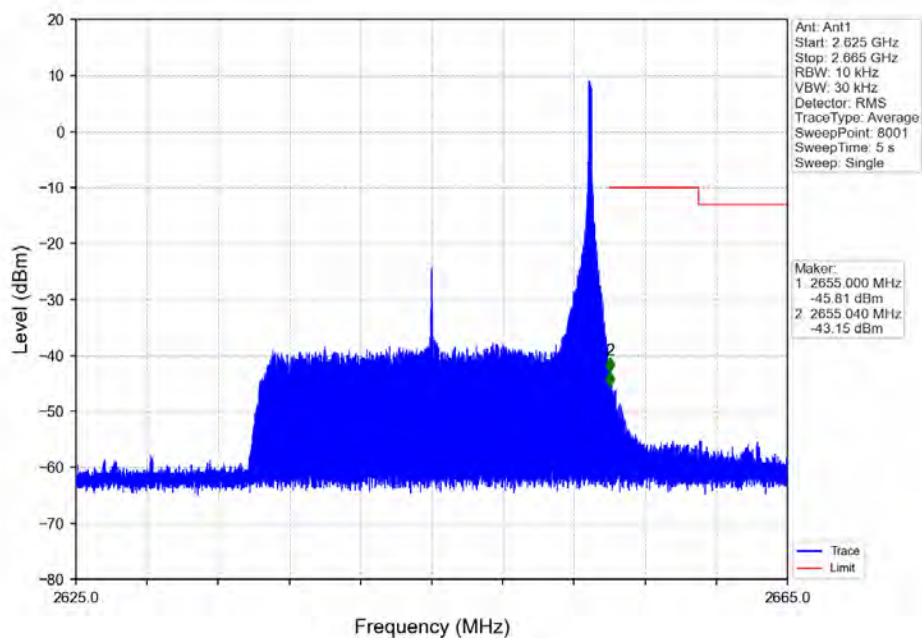
**Band41\_20MHz\_16QAM\_MCH\_2595MHz\_RB\_1\_0\_NTNV**



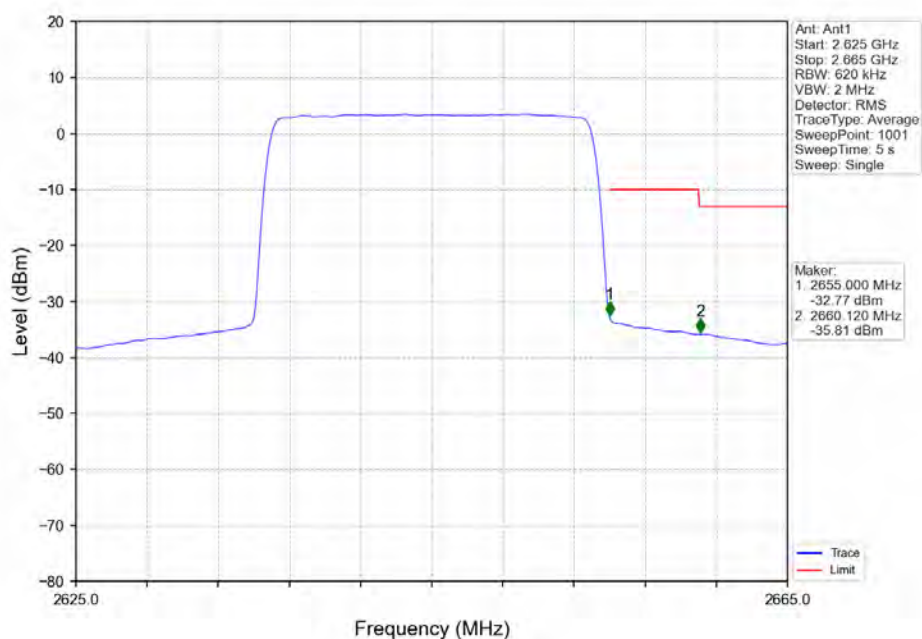
**Band41\_20MHz\_16QAM\_HCH\_2645MHz\_RB\_1\_0\_NTNV**



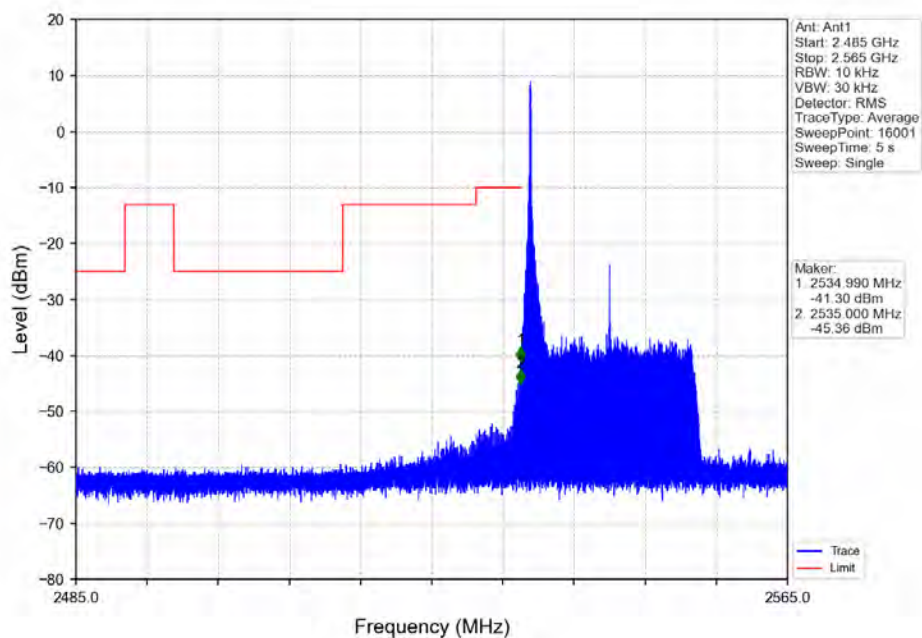
Band41\_20MHz\_16QAM\_HCH\_2645MHz\_RB\_1\_99\_NTNV



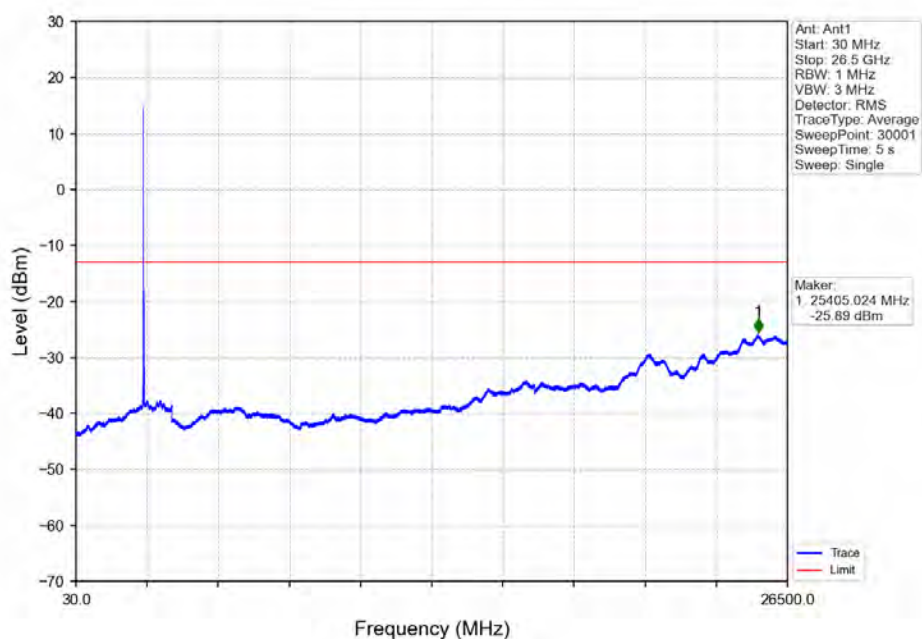
Band41\_20MHz\_16QAM\_HCH\_2645MHz\_RB\_100\_0\_NTNV



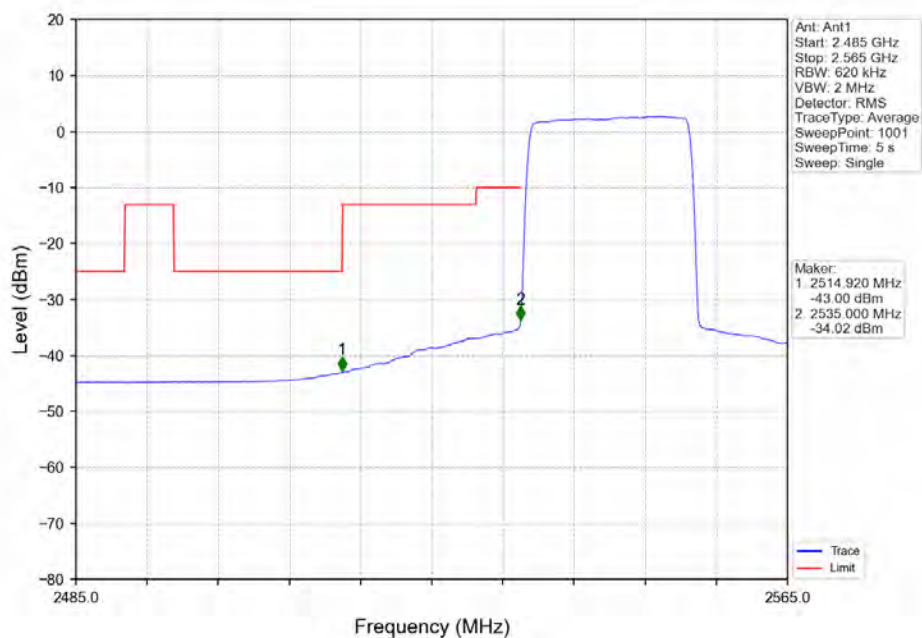
Band41\_20MHz\_64QAM\_LCH\_2545MHz\_RB\_1\_0\_NTNV



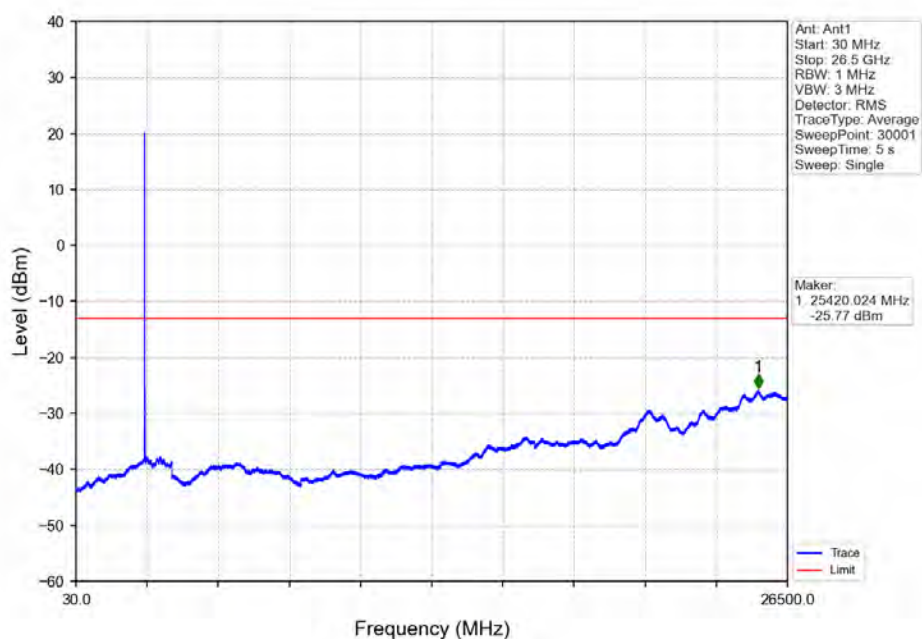
Band41\_20MHz\_64QAM\_LCH\_2545MHz\_RB\_1\_0\_NTNV



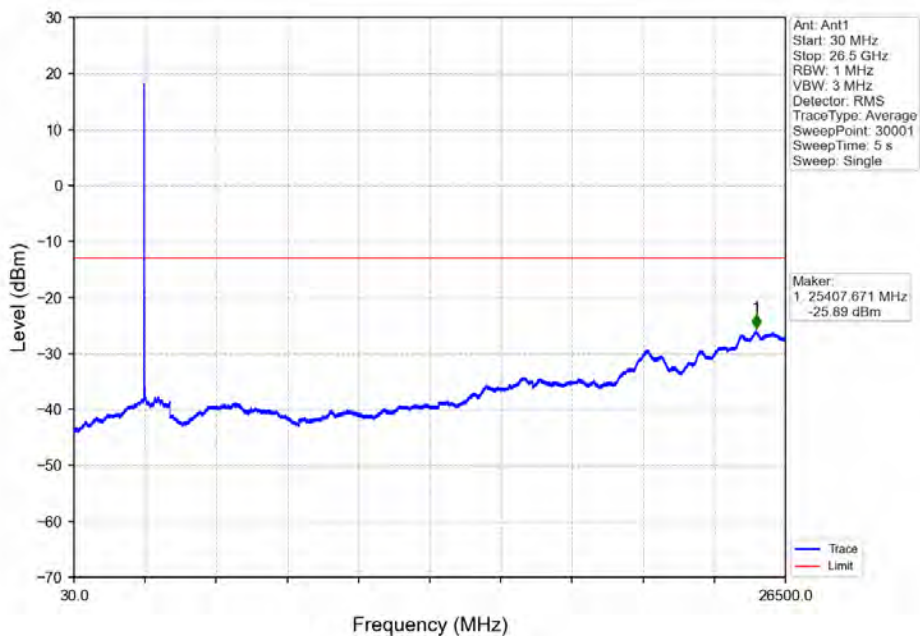
Band41\_20MHz\_64QAM\_LCH\_2545MHz\_RB\_100\_0\_NTNV



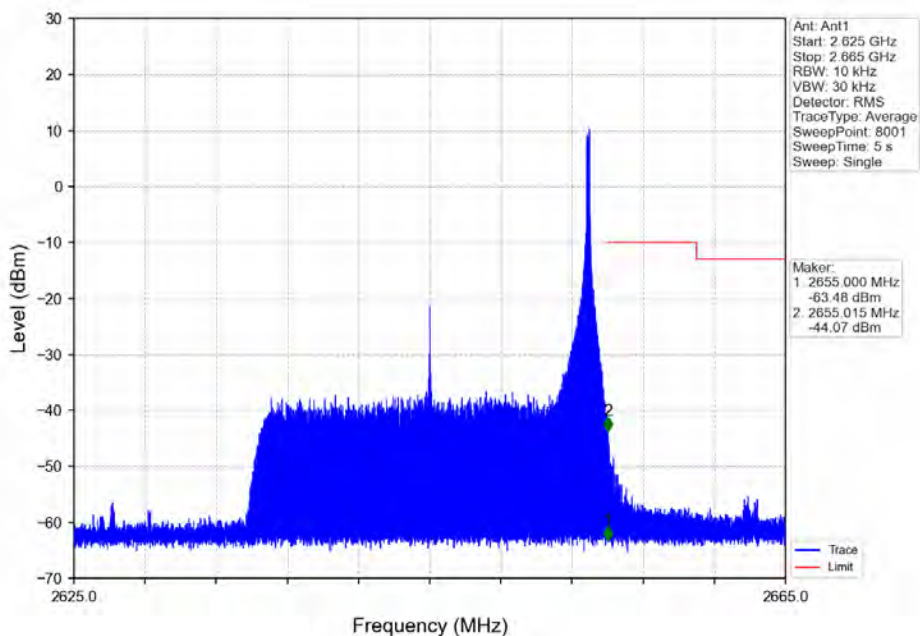
Band41\_20MHz\_64QAM\_MCH\_2595MHz\_RB\_1\_0\_NTNV



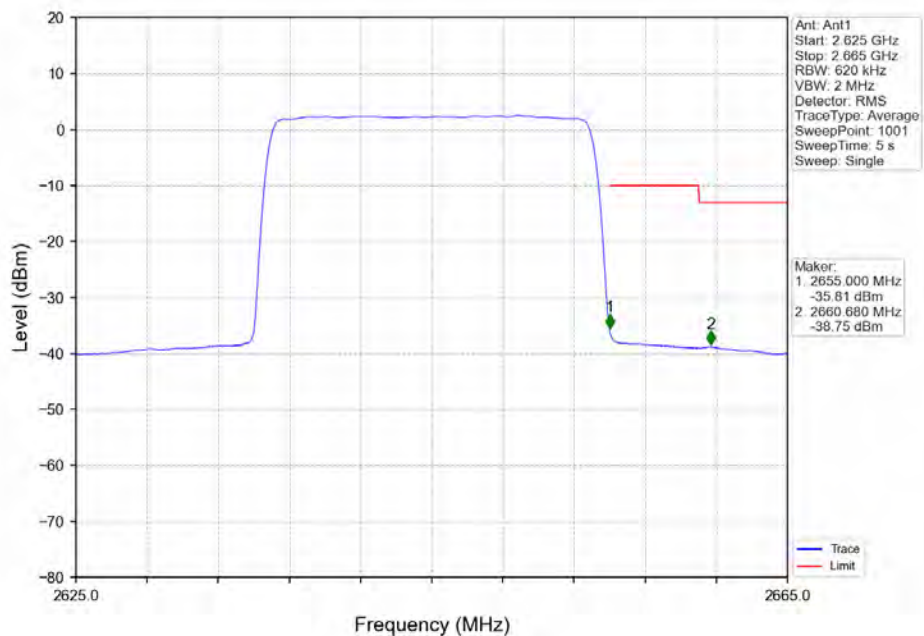
Band41\_20MHz\_64QAM\_HCH\_2645MHz\_RB\_1\_0\_NTNV



Band41\_20MHz\_64QAM\_HCH\_2645MHz\_RB\_1\_99\_NTNV



**Band41\_20MHz\_64QAM\_HCH\_2645MHz\_RB\_100\_0\_NTNV**



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