

## Appendix Q for KSCR220400050308

### 1. Effective (Isotropic) Radiated Power Output Data

#### 1.1 B26a\_1.4MHz\_ERP

##### 1.1.1 Test Result

| Band: 26a / Bandwidth: 1.4MHz / NTV |                 |               |        |                       |            |           |         |         |
|-------------------------------------|-----------------|---------------|--------|-----------------------|------------|-----------|---------|---------|
| Modulation                          | Frequency (MHz) | RB Allocation |        | Conducted Power (dBm) | Gain (dbi) | ERP (dBm) |         | Verdict |
|                                     |                 | Size          | Offset |                       |            | Result    | Limit   |         |
| QPSK                                | 814.7           | 1             | 0      | 23.52                 | 1.30       | 22.67     | <=38.45 | Pass    |
|                                     |                 |               | 2      | 23.75                 | 1.30       | 22.90     | <=38.45 | Pass    |
|                                     |                 |               | 5      | 23.84                 | 1.30       | 22.99     | <=38.45 | Pass    |
|                                     |                 | 3             | 0      | 23.54                 | 1.30       | 22.69     | <=38.45 | Pass    |
|                                     |                 |               | 2      | 23.78                 | 1.30       | 22.93     | <=38.45 | Pass    |
|                                     |                 |               | 3      | 23.70                 | 1.30       | 22.85     | <=38.45 | Pass    |
|                                     | 819             | 6             | 0      | 22.68                 | 1.30       | 21.83     | <=38.45 | Pass    |
|                                     |                 |               | 0      | 23.75                 | 1.30       | 22.90     | <=38.45 | Pass    |
|                                     |                 |               | 2      | 23.57                 | 1.30       | 22.72     | <=38.45 | Pass    |
|                                     |                 | 1             | 5      | 23.95                 | 1.30       | 23.10     | <=38.45 | Pass    |
|                                     |                 |               | 0      | 23.70                 | 1.30       | 22.85     | <=38.45 | Pass    |
|                                     |                 |               | 2      | 23.84                 | 1.30       | 22.99     | <=38.45 | Pass    |
|                                     |                 | 3             | 3      | 23.68                 | 1.30       | 22.83     | <=38.45 | Pass    |
|                                     |                 |               | 0      | 22.78                 | 1.30       | 21.93     | <=38.45 | Pass    |
|                                     |                 |               | 0      | 22.78                 | 1.30       | 21.93     | <=38.45 | Pass    |
|                                     | 823.3           | 1             | 0      | 24.41                 | 1.30       | 23.56     | <=38.45 | Pass    |
|                                     |                 |               | 2      | 24.45                 | 1.30       | 23.60     | <=38.45 | Pass    |
|                                     |                 |               | 5      | 24.29                 | 1.30       | 23.44     | <=38.45 | Pass    |
|                                     |                 | 3             | 0      | 24.34                 | 1.30       | 23.49     | <=38.45 | Pass    |
|                                     |                 |               | 2      | 24.28                 | 1.30       | 23.43     | <=38.45 | Pass    |
|                                     |                 |               | 3      | 24.27                 | 1.30       | 23.42     | <=38.45 | Pass    |
| 16QAM                               | 814.7           | 1             | 0      | 22.89                 | 1.30       | 22.04     | <=38.45 | Pass    |
|                                     |                 |               | 2      | 22.49                 | 1.30       | 21.64     | <=38.45 | Pass    |
|                                     |                 |               | 5      | 22.91                 | 1.30       | 22.06     | <=38.45 | Pass    |
|                                     |                 | 3             | 0      | 23.15                 | 1.30       | 22.30     | <=38.45 | Pass    |
|                                     |                 |               | 2      | 22.84                 | 1.30       | 21.99     | <=38.45 | Pass    |
|                                     |                 |               | 3      | 22.49                 | 1.30       | 21.64     | <=38.45 | Pass    |
|                                     | 819             | 6             | 0      | 21.67                 | 1.30       | 20.82     | <=38.45 | Pass    |
|                                     |                 |               | 0      | 22.97                 | 1.30       | 22.12     | <=38.45 | Pass    |
|                                     |                 |               | 2      | 23.03                 | 1.30       | 22.18     | <=38.45 | Pass    |
|                                     |                 | 1             | 5      | 22.74                 | 1.30       | 21.89     | <=38.45 | Pass    |
|                                     |                 |               | 0      | 23.09                 | 1.30       | 22.24     | <=38.45 | Pass    |
|                                     |                 |               | 2      | 23.12                 | 1.30       | 22.27     | <=38.45 | Pass    |
|                                     |                 | 3             | 3      | 23.24                 | 1.30       | 22.39     | <=38.45 | Pass    |
|                                     |                 |               | 0      | 22.31                 | 1.30       | 21.46     | <=38.45 | Pass    |
|                                     | 823.3           | 1             | 0      | 23.00                 | 1.30       | 22.15     | <=38.45 | Pass    |
|                                     |                 |               | 2      | 24.00                 | 1.30       | 23.15     | <=38.45 | Pass    |
|                                     |                 |               | 5      | 23.02                 | 1.30       | 22.17     | <=38.45 | Pass    |



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|       |       |   |   |       |      |       |         |      |
|-------|-------|---|---|-------|------|-------|---------|------|
| 64QAM | 814.7 | 3 | 0 | 23.29 | 1.30 | 22.44 | <=38.45 | Pass |
|       |       |   | 2 | 23.24 | 1.30 | 22.39 | <=38.45 | Pass |
|       |       |   | 3 | 23.38 | 1.30 | 22.53 | <=38.45 | Pass |
|       |       | 6 | 0 | 22.15 | 1.30 | 21.30 | <=38.45 | Pass |
|       |       |   | 0 | 21.44 | 1.30 | 20.59 | <=38.45 | Pass |
|       |       |   | 2 | 21.99 | 1.30 | 21.14 | <=38.45 | Pass |
|       |       |   | 5 | 21.54 | 1.30 | 20.69 | <=38.45 | Pass |
|       |       | 3 | 0 | 21.73 | 1.30 | 20.88 | <=38.45 | Pass |
|       |       |   | 2 | 21.93 | 1.30 | 21.08 | <=38.45 | Pass |
|       |       |   | 3 | 21.64 | 1.30 | 20.79 | <=38.45 | Pass |
|       |       | 6 | 0 | 21.02 | 1.30 | 20.17 | <=38.45 | Pass |
|       | 819   | 1 | 0 | 21.91 | 1.30 | 21.06 | <=38.45 | Pass |
|       |       |   | 2 | 21.55 | 1.30 | 20.70 | <=38.45 | Pass |
|       |       |   | 5 | 21.51 | 1.30 | 20.66 | <=38.45 | Pass |
|       |       | 3 | 0 | 21.45 | 1.30 | 20.60 | <=38.45 | Pass |
|       |       |   | 2 | 21.86 | 1.30 | 21.01 | <=38.45 | Pass |
|       |       |   | 3 | 21.90 | 1.30 | 21.05 | <=38.45 | Pass |
|       |       | 6 | 0 | 20.27 | 1.30 | 19.42 | <=38.45 | Pass |
|       | 823.3 | 1 | 0 | 21.68 | 1.30 | 20.83 | <=38.45 | Pass |
|       |       |   | 2 | 21.54 | 1.30 | 20.69 | <=38.45 | Pass |
|       |       |   | 5 | 22.11 | 1.30 | 21.26 | <=38.45 | Pass |
|       |       | 3 | 0 | 21.81 | 1.30 | 20.96 | <=38.45 | Pass |
|       |       |   | 2 | 21.60 | 1.30 | 20.75 | <=38.45 | Pass |
|       |       |   | 3 | 21.76 | 1.30 | 20.91 | <=38.45 | Pass |
|       |       | 6 | 0 | 20.65 | 1.30 | 19.80 | <=38.45 | Pass |

Note1: ERP=Conducted Power+Antenna Gain-2.15

## 1.2 B26a\_3MHz\_ERP

### 1.2.1 Test Result

| Band: 26a / Bandwidth: 3MHz / NTNV |                 |               |        |                       |            |           |         |         |
|------------------------------------|-----------------|---------------|--------|-----------------------|------------|-----------|---------|---------|
| Modulation                         | Frequency (MHz) | RB Allocation |        | Conducted Power (dBm) | Gain (dbi) | ERP (dBm) |         | Verdict |
|                                    |                 | Size          | Offset |                       |            | Result    | Limit   |         |
| QPSK                               | 815.5           | 1             | 0      | 24.14                 | 1.30       | 23.29     | <=38.45 | Pass    |
|                                    |                 |               | 7      | 24.18                 | 1.30       | 23.33     | <=38.45 | Pass    |
|                                    |                 |               | 14     | 23.97                 | 1.30       | 23.12     | <=38.45 | Pass    |
|                                    |                 | 8             | 0      | 23.16                 | 1.30       | 22.31     | <=38.45 | Pass    |
|                                    |                 |               | 4      | 23.11                 | 1.30       | 22.26     | <=38.45 | Pass    |
|                                    |                 |               | 7      | 23.16                 | 1.30       | 22.31     | <=38.45 | Pass    |
|                                    |                 | 15            | 0      | 23.19                 | 1.30       | 22.34     | <=38.45 | Pass    |
|                                    |                 |               | 0      | 23.97                 | 1.30       | 23.12     | <=38.45 | Pass    |
|                                    |                 |               | 7      | 24.19                 | 1.30       | 23.34     | <=38.45 | Pass    |
|                                    | 819             | 1             | 14     | 24.07                 | 1.30       | 23.22     | <=38.45 | Pass    |
|                                    |                 |               | 0      | 23.14                 | 1.30       | 22.29     | <=38.45 | Pass    |
|                                    |                 |               | 4      | 23.04                 | 1.30       | 22.19     | <=38.45 | Pass    |
|                                    |                 | 8             | 7      | 23.10                 | 1.30       | 22.25     | <=38.45 | Pass    |
|                                    |                 |               | 0      | 23.08                 | 1.30       | 22.23     | <=38.45 | Pass    |
|                                    |                 |               | 0      | 24.14                 | 1.30       | 23.29     | <=38.45 | Pass    |
|                                    | 822.5           | 1             | 0      | 24.14                 | 1.30       | 23.29     | <=38.45 | Pass    |



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|       |       |    |    |       |      |       |         |      |
|-------|-------|----|----|-------|------|-------|---------|------|
| 16QAM | 815.5 | 8  | 7  | 24.25 | 1.30 | 23.40 | <=38.45 | Pass |
|       |       |    | 14 | 24.22 | 1.30 | 23.37 | <=38.45 | Pass |
|       |       |    | 0  | 23.09 | 1.30 | 22.24 | <=38.45 | Pass |
|       |       | 15 | 4  | 23.14 | 1.30 | 22.29 | <=38.45 | Pass |
|       |       |    | 7  | 23.18 | 1.30 | 22.33 | <=38.45 | Pass |
|       |       |    | 0  | 23.13 | 1.30 | 22.28 | <=38.45 | Pass |
|       | 819   | 1  | 0  | 22.83 | 1.30 | 21.98 | <=38.45 | Pass |
|       |       |    | 7  | 23.45 | 1.30 | 22.60 | <=38.45 | Pass |
|       |       |    | 14 | 23.29 | 1.30 | 22.44 | <=38.45 | Pass |
|       |       | 8  | 0  | 22.19 | 1.30 | 21.34 | <=38.45 | Pass |
|       |       |    | 4  | 21.97 | 1.30 | 21.12 | <=38.45 | Pass |
|       |       |    | 7  | 22.30 | 1.30 | 21.45 | <=38.45 | Pass |
|       |       | 15 | 0  | 21.93 | 1.30 | 21.08 | <=38.45 | Pass |
|       |       |    | 0  | 23.50 | 1.30 | 22.65 | <=38.45 | Pass |
|       |       |    | 7  | 23.02 | 1.30 | 22.17 | <=38.45 | Pass |
|       |       |    | 14 | 23.54 | 1.30 | 22.69 | <=38.45 | Pass |
|       |       | 8  | 0  | 21.87 | 1.30 | 21.02 | <=38.45 | Pass |
|       |       |    | 4  | 22.13 | 1.30 | 21.28 | <=38.45 | Pass |
|       |       |    | 7  | 21.98 | 1.30 | 21.13 | <=38.45 | Pass |
|       |       | 15 | 0  | 21.86 | 1.30 | 21.01 | <=38.45 | Pass |
|       |       |    | 0  | 23.46 | 1.30 | 22.61 | <=38.45 | Pass |
|       |       |    | 7  | 23.69 | 1.30 | 22.84 | <=38.45 | Pass |
|       |       |    | 14 | 23.28 | 1.30 | 22.43 | <=38.45 | Pass |
| 64QAM | 815.5 | 1  | 0  | 21.42 | 1.30 | 20.57 | <=38.45 | Pass |
|       |       |    | 7  | 21.57 | 1.30 | 20.72 | <=38.45 | Pass |
|       |       |    | 14 | 21.78 | 1.30 | 20.93 | <=38.45 | Pass |
|       |       | 8  | 0  | 20.53 | 1.30 | 19.68 | <=38.45 | Pass |
|       |       |    | 4  | 20.58 | 1.30 | 19.73 | <=38.45 | Pass |
|       |       |    | 7  | 20.49 | 1.30 | 19.64 | <=38.45 | Pass |
|       |       | 15 | 0  | 20.56 | 1.30 | 19.71 | <=38.45 | Pass |
|       |       |    | 0  | 21.36 | 1.30 | 20.51 | <=38.45 | Pass |
|       |       |    | 7  | 22.00 | 1.30 | 21.15 | <=38.45 | Pass |
|       | 819   | 1  | 14 | 22.41 | 1.30 | 21.56 | <=38.45 | Pass |
|       |       |    | 0  | 20.63 | 1.30 | 19.78 | <=38.45 | Pass |
|       |       |    | 4  | 20.33 | 1.30 | 19.48 | <=38.45 | Pass |
|       |       | 8  | 7  | 20.80 | 1.30 | 19.95 | <=38.45 | Pass |
|       |       |    | 0  | 20.49 | 1.30 | 19.64 | <=38.45 | Pass |
|       |       |    | 0  | 21.54 | 1.30 | 20.69 | <=38.45 | Pass |
|       |       | 1  | 7  | 22.62 | 1.30 | 21.77 | <=38.45 | Pass |
|       |       |    | 14 | 21.62 | 1.30 | 20.77 | <=38.45 | Pass |
|       |       |    | 0  | 20.44 | 1.30 | 19.59 | <=38.45 | Pass |
|       | 822.5 | 8  | 4  | 21.07 | 1.30 | 20.22 | <=38.45 | Pass |
|       |       |    | 7  | 20.80 | 1.30 | 19.95 | <=38.45 | Pass |
|       |       |    | 0  | 20.90 | 1.30 | 20.05 | <=38.45 | Pass |

Note1: ERP=Conducted Power+Antenna Gain-2.15



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## 1.3 B26a\_5MHz\_ERP

### 1.3.1 Test Result

| Band: 26a / Bandwidth: 5MHz / NTNV |                 |               |        |                       |            |           |         |         |
|------------------------------------|-----------------|---------------|--------|-----------------------|------------|-----------|---------|---------|
| Modulation                         | Frequency (MHz) | RB Allocation |        | Conducted Power (dBm) | Gain (dbi) | ERP (dBm) |         | Verdict |
|                                    |                 | Size          | Offset |                       |            | Result    | Limit   |         |
| QPSK                               | 816.5           | 1             | 0      | 23.67                 | 1.30       | 22.82     | <=38.45 | Pass    |
|                                    |                 |               | 13     | 24.03                 | 1.30       | 23.18     | <=38.45 | Pass    |
|                                    |                 |               | 24     | 23.53                 | 1.30       | 22.68     | <=38.45 | Pass    |
|                                    |                 | 12            | 0      | 22.93                 | 1.30       | 22.08     | <=38.45 | Pass    |
|                                    |                 |               | 6      | 23.02                 | 1.30       | 22.17     | <=38.45 | Pass    |
|                                    |                 |               | 13     | 22.92                 | 1.30       | 22.07     | <=38.45 | Pass    |
|                                    |                 | 25            | 0      | 22.94                 | 1.30       | 22.09     | <=38.45 | Pass    |
|                                    | 819             | 1             | 0      | 23.66                 | 1.30       | 22.81     | <=38.45 | Pass    |
|                                    |                 |               | 13     | 23.99                 | 1.30       | 23.14     | <=38.45 | Pass    |
|                                    |                 |               | 24     | 23.78                 | 1.30       | 22.93     | <=38.45 | Pass    |
|                                    |                 | 12            | 0      | 23.05                 | 1.30       | 22.20     | <=38.45 | Pass    |
|                                    |                 |               | 6      | 23.07                 | 1.30       | 22.22     | <=38.45 | Pass    |
|                                    |                 |               | 13     | 23.05                 | 1.30       | 22.20     | <=38.45 | Pass    |
|                                    |                 | 25            | 0      | 23.02                 | 1.30       | 22.17     | <=38.45 | Pass    |
|                                    | 821.5           | 1             | 0      | 23.87                 | 1.30       | 23.02     | <=38.45 | Pass    |
|                                    |                 |               | 13     | 24.04                 | 1.30       | 23.19     | <=38.45 | Pass    |
|                                    |                 |               | 24     | 23.82                 | 1.30       | 22.97     | <=38.45 | Pass    |
|                                    |                 | 12            | 0      | 23.07                 | 1.30       | 22.22     | <=38.45 | Pass    |
|                                    |                 |               | 6      | 23.14                 | 1.30       | 22.29     | <=38.45 | Pass    |
|                                    |                 |               | 13     | 23.09                 | 1.30       | 22.24     | <=38.45 | Pass    |
|                                    |                 | 25            | 0      | 23.12                 | 1.30       | 22.27     | <=38.45 | Pass    |
| 16QAM                              | 816.5           | 1             | 0      | 22.86                 | 1.30       | 22.01     | <=38.45 | Pass    |
|                                    |                 |               | 13     | 23.36                 | 1.30       | 22.51     | <=38.45 | Pass    |
|                                    |                 |               | 24     | 22.16                 | 1.30       | 21.31     | <=38.45 | Pass    |
|                                    |                 | 12            | 0      | 21.98                 | 1.30       | 21.13     | <=38.45 | Pass    |
|                                    |                 |               | 6      | 21.83                 | 1.30       | 20.98     | <=38.45 | Pass    |
|                                    |                 |               | 13     | 21.85                 | 1.30       | 21.00     | <=38.45 | Pass    |
|                                    |                 | 25            | 0      | 21.99                 | 1.30       | 21.14     | <=38.45 | Pass    |
|                                    | 819             | 1             | 0      | 22.27                 | 1.30       | 21.42     | <=38.45 | Pass    |
|                                    |                 |               | 13     | 22.90                 | 1.30       | 22.05     | <=38.45 | Pass    |
|                                    |                 |               | 24     | 23.33                 | 1.30       | 22.48     | <=38.45 | Pass    |
|                                    |                 | 12            | 0      | 21.99                 | 1.30       | 21.14     | <=38.45 | Pass    |
|                                    |                 |               | 6      | 21.90                 | 1.30       | 21.05     | <=38.45 | Pass    |
|                                    |                 |               | 13     | 21.94                 | 1.30       | 21.09     | <=38.45 | Pass    |
|                                    |                 | 25            | 0      | 22.30                 | 1.30       | 21.45     | <=38.45 | Pass    |
|                                    | 821.5           | 1             | 0      | 23.34                 | 1.30       | 22.49     | <=38.45 | Pass    |
|                                    |                 |               | 13     | 22.61                 | 1.30       | 21.76     | <=38.45 | Pass    |
|                                    |                 |               | 24     | 22.82                 | 1.30       | 21.97     | <=38.45 | Pass    |
|                                    |                 | 12            | 0      | 22.02                 | 1.30       | 21.17     | <=38.45 | Pass    |
|                                    |                 |               | 6      | 22.07                 | 1.30       | 21.22     | <=38.45 | Pass    |
|                                    |                 |               | 13     | 22.22                 | 1.30       | 21.37     | <=38.45 | Pass    |
|                                    |                 | 25            | 0      | 22.14                 | 1.30       | 21.29     | <=38.45 | Pass    |
| 64QAM                              | 816.5           | 1             | 0      | 21.50                 | 1.30       | 20.65     | <=38.45 | Pass    |



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|  |       |    |    |       |      |       |         |      |
|--|-------|----|----|-------|------|-------|---------|------|
|  |       | 12 | 13 | 21.23 | 1.30 | 20.38 | <=38.45 | Pass |
|  |       |    | 24 | 21.65 | 1.30 | 20.80 | <=38.45 | Pass |
|  |       |    | 0  | 20.44 | 1.30 | 19.59 | <=38.45 | Pass |
|  |       |    | 6  | 20.94 | 1.30 | 20.09 | <=38.45 | Pass |
|  |       |    | 13 | 20.43 | 1.30 | 19.58 | <=38.45 | Pass |
|  | 819   | 1  | 0  | 20.61 | 1.30 | 19.76 | <=38.45 | Pass |
|  |       |    | 0  | 21.21 | 1.30 | 20.36 | <=38.45 | Pass |
|  |       |    | 13 | 21.90 | 1.30 | 21.05 | <=38.45 | Pass |
|  |       | 12 | 24 | 21.69 | 1.30 | 20.84 | <=38.45 | Pass |
|  |       |    | 0  | 20.61 | 1.30 | 19.76 | <=38.45 | Pass |
|  |       |    | 6  | 20.60 | 1.30 | 19.75 | <=38.45 | Pass |
|  |       |    | 13 | 20.50 | 1.30 | 19.65 | <=38.45 | Pass |
|  |       | 25 | 0  | 20.65 | 1.30 | 19.80 | <=38.45 | Pass |
|  |       |    | 0  | 21.74 | 1.30 | 20.89 | <=38.45 | Pass |
|  | 821.5 | 1  | 13 | 21.83 | 1.30 | 20.98 | <=38.45 | Pass |
|  |       |    | 24 | 21.20 | 1.30 | 20.35 | <=38.45 | Pass |
|  |       | 12 | 0  | 20.73 | 1.30 | 19.88 | <=38.45 | Pass |
|  |       |    | 6  | 20.85 | 1.30 | 20.00 | <=38.45 | Pass |
|  |       |    | 13 | 20.79 | 1.30 | 19.94 | <=38.45 | Pass |
|  |       | 25 | 0  | 20.99 | 1.30 | 20.14 | <=38.45 | Pass |
|  |       |    | 0  | 20.99 | 1.30 | 20.14 | <=38.45 | Pass |

Note1: ERP=Conducted Power+Antenna Gain-2.15

## 1.4 B26a\_10MHz\_ERP

### 1.4.1 Test Result

| Band: 26a / Bandwidth: 10MHz / NTNV |                 |               |        |                       |            |           |         |         |
|-------------------------------------|-----------------|---------------|--------|-----------------------|------------|-----------|---------|---------|
| Modulation                          | Frequency (MHz) | RB Allocation |        | Conducted Power (dBm) | Gain (dbi) | ERP (dBm) |         | Verdict |
|                                     |                 | Size          | Offset |                       |            | Result    | Limit   |         |
| QPSK                                | 819             | 1             | 0      | 23.95                 | 1.30       | 23.10     | <=38.45 | Pass    |
|                                     |                 |               | 25     | 24.27                 | 1.30       | 23.42     | <=38.45 | Pass    |
|                                     |                 |               | 49     | 23.96                 | 1.30       | 23.11     | <=38.45 | Pass    |
|                                     |                 | 25            | 0      | 23.10                 | 1.30       | 22.25     | <=38.45 | Pass    |
|                                     |                 |               | 13     | 23.07                 | 1.30       | 22.22     | <=38.45 | Pass    |
|                                     |                 |               | 25     | 23.12                 | 1.30       | 22.27     | <=38.45 | Pass    |
|                                     |                 | 50            | 0      | 23.05                 | 1.30       | 22.20     | <=38.45 | Pass    |
|                                     |                 |               | 0      | 23.99                 | 1.30       | 23.14     | <=38.45 | Pass    |
|                                     | 819             | 1             | 25     | 24.29                 | 1.30       | 23.44     | <=38.45 | Pass    |
|                                     |                 |               | 49     | 24.09                 | 1.30       | 23.24     | <=38.45 | Pass    |
|                                     |                 |               | 0      | 23.02                 | 1.30       | 22.17     | <=38.45 | Pass    |
|                                     |                 | 25            | 13     | 22.99                 | 1.30       | 22.14     | <=38.45 | Pass    |
|                                     |                 |               | 25     | 23.13                 | 1.30       | 22.28     | <=38.45 | Pass    |
|                                     |                 | 50            | 0      | 23.05                 | 1.30       | 22.20     | <=38.45 | Pass    |
|                                     |                 |               | 0      | 23.89                 | 1.30       | 23.04     | <=38.45 | Pass    |
|                                     | 819             | 1             | 25     | 23.79                 | 1.30       | 22.94     | <=38.45 | Pass    |
|                                     |                 |               | 49     | 23.89                 | 1.30       | 23.04     | <=38.45 | Pass    |
|                                     |                 |               | 0      | 23.00                 | 1.30       | 22.15     | <=38.45 | Pass    |
|                                     |                 | 25            | 13     | 22.94                 | 1.30       | 22.09     | <=38.45 | Pass    |
|                                     |                 |               | 25     | 23.01                 | 1.30       | 22.16     | <=38.45 | Pass    |

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|                                              |     |     |    |       |       |       |         |         |      |
|----------------------------------------------|-----|-----|----|-------|-------|-------|---------|---------|------|
|                                              |     | 50  | 0  | 22.91 | 1.30  | 22.06 | <=38.45 | Pass    |      |
| 16QAM                                        | 819 | 1   | 0  | 23.06 | 1.30  | 22.21 | <=38.45 | Pass    |      |
|                                              |     |     | 25 | 23.82 | 1.30  | 22.97 | <=38.45 | Pass    |      |
|                                              |     |     | 49 | 23.44 | 1.30  | 22.59 | <=38.45 | Pass    |      |
|                                              |     |     | 0  | 22.13 | 1.30  | 21.28 | <=38.45 | Pass    |      |
|                                              |     | 25  | 13 | 22.22 | 1.30  | 21.37 | <=38.45 | Pass    |      |
|                                              |     |     | 25 | 22.04 | 1.30  | 21.19 | <=38.45 | Pass    |      |
|                                              |     |     | 0  | 21.82 | 1.30  | 20.97 | <=38.45 | Pass    |      |
|                                              |     | 819 | 1  | 0     | 23.56 | 1.30  | 22.71   | <=38.45 | Pass |
|                                              |     |     |    | 25    | 23.19 | 1.30  | 22.34   | <=38.45 | Pass |
|                                              | 49  |     |    | 23.76 | 1.30  | 22.91 | <=38.45 | Pass    |      |
|                                              | 0   |     |    | 22.09 | 1.30  | 21.24 | <=38.45 | Pass    |      |
|                                              | 25  |     | 13 | 22.37 | 1.30  | 21.52 | <=38.45 | Pass    |      |
|                                              |     |     | 25 | 21.92 | 1.30  | 21.07 | <=38.45 | Pass    |      |
|                                              |     |     | 0  | 22.09 | 1.30  | 21.24 | <=38.45 | Pass    |      |
|                                              | 819 |     | 1  | 0     | 23.08 | 1.30  | 22.23   | <=38.45 | Pass |
|                                              |     |     |    | 25    | 23.41 | 1.30  | 22.56   | <=38.45 | Pass |
|                                              |     | 49  |    | 22.85 | 1.30  | 22.00 | <=38.45 | Pass    |      |
|                                              |     | 0   |    | 22.01 | 1.30  | 21.16 | <=38.45 | Pass    |      |
|                                              |     | 25  | 13 | 21.82 | 1.30  | 20.97 | <=38.45 | Pass    |      |
|                                              |     |     | 25 | 22.13 | 1.30  | 21.28 | <=38.45 | Pass    |      |
|                                              |     |     | 0  | 21.95 | 1.30  | 21.10 | <=38.45 | Pass    |      |
| 64QAM                                        |     | 819 | 1  | 0     | 22.30 | 1.30  | 21.45   | <=38.45 | Pass |
|                                              |     |     |    | 25    | 21.74 | 1.30  | 20.89   | <=38.45 | Pass |
|                                              | 49  |     |    | 21.23 | 1.30  | 20.38 | <=38.45 | Pass    |      |
|                                              | 0   |     |    | 20.98 | 1.30  | 20.13 | <=38.45 | Pass    |      |
|                                              | 25  |     | 13 | 20.69 | 1.30  | 19.84 | <=38.45 | Pass    |      |
|                                              |     |     | 25 | 20.71 | 1.30  | 19.86 | <=38.45 | Pass    |      |
|                                              |     |     | 0  | 20.66 | 1.30  | 19.81 | <=38.45 | Pass    |      |
|                                              | 819 |     | 1  | 0     | 21.36 | 1.30  | 20.51   | <=38.45 | Pass |
|                                              |     |     |    | 25    | 21.68 | 1.30  | 20.83   | <=38.45 | Pass |
|                                              |     | 49  |    | 22.42 | 1.30  | 21.57 | <=38.45 | Pass    |      |
|                                              |     | 0   |    | 20.74 | 1.30  | 19.89 | <=38.45 | Pass    |      |
|                                              |     | 25  | 13 | 20.61 | 1.30  | 19.76 | <=38.45 | Pass    |      |
|                                              |     |     | 25 | 20.66 | 1.30  | 19.81 | <=38.45 | Pass    |      |
|                                              |     |     | 0  | 20.74 | 1.30  | 19.89 | <=38.45 | Pass    |      |
|                                              |     | 819 | 1  | 0     | 21.39 | 1.30  | 20.54   | <=38.45 | Pass |
|                                              |     |     |    | 25    | 22.38 | 1.30  | 21.53   | <=38.45 | Pass |
|                                              | 49  |     |    | 21.41 | 1.30  | 20.56 | <=38.45 | Pass    |      |
|                                              | 0   |     |    | 20.47 | 1.30  | 19.62 | <=38.45 | Pass    |      |
|                                              | 25  |     | 13 | 20.53 | 1.30  | 19.68 | <=38.45 | Pass    |      |
|                                              |     |     | 25 | 20.73 | 1.30  | 19.88 | <=38.45 | Pass    |      |
|                                              |     |     | 0  | 20.70 | 1.30  | 19.85 | <=38.45 | Pass    |      |
| Note1: ERP=Conducted Power+Antenna Gain-2.15 |     |     |    |       |       |       |         |         |      |

Note1: ERP=Conducted Power+Antenna Gain-2.15



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## 2. Frequency Stability

### 2.1 B26a\_1.4MHz

#### 2.1.1 Test Result

| Band: 26a / Bandwidth: 1.4MHz |                 |               |        |            |               |                  |                       |             |         |
|-------------------------------|-----------------|---------------|--------|------------|---------------|------------------|-----------------------|-------------|---------|
| Modulation                    | Frequency (MHz) | RB Allocation |        | Temp. (°C) | Voltage (VDC) | Freq. Error (Hz) | Freq. vs. Rated (ppm) |             | Verdict |
|                               |                 | Size          | Offset |            |               |                  | Result                | Limit       |         |
| QPSK                          | 814.7           | 6             | 0      | 20         | 6.12          | 3.519            | 0.0043                | -2.5 to 2.5 | Pass    |
|                               |                 |               |        |            | 7.2           | 2.875            | 0.0035                | -2.5 to 2.5 | Pass    |
|                               |                 |               |        |            | 8.28          | 2.933            | 0.0036                | -2.5 to 2.5 | Pass    |
|                               |                 |               |        | -30        | 7.2           | 1.731            | 0.0021                | -2.5 to 2.5 | Pass    |
|                               |                 |               |        | -20        | 7.2           | 1.073            | 0.0013                | -2.5 to 2.5 | Pass    |
|                               |                 |               |        | -10        | 7.2           | 0.701            | 0.0009                | -2.5 to 2.5 | Pass    |
|                               |                 |               |        | 0          | 7.2           | 0.944            | 0.0012                | -2.5 to 2.5 | Pass    |
|                               |                 |               |        | 10         | 7.2           | 0.930            | 0.0011                | -2.5 to 2.5 | Pass    |
|                               |                 |               |        | 30         | 7.2           | -0.615           | -0.0008               | -2.5 to 2.5 | Pass    |
|                               |                 |               |        | 40         | 7.2           | 0.029            | 0.0000                | -2.5 to 2.5 | Pass    |
|                               |                 |               |        | 50         | 7.2           | 0.157            | 0.0002                | -2.5 to 2.5 | Pass    |
|                               | 819             | 6             | 0      | 20         | 6.12          | -14.119          | -0.0172               | -2.5 to 2.5 | Pass    |
|                               |                 |               |        |            | 7.2           | -14.362          | -0.0175               | -2.5 to 2.5 | Pass    |
|                               |                 |               |        |            | 8.28          | -12.989          | -0.0159               | -2.5 to 2.5 | Pass    |
|                               |                 |               |        | -30        | 7.2           | -12.703          | -0.0155               | -2.5 to 2.5 | Pass    |
|                               |                 |               |        | -20        | 7.2           | -10.872          | -0.0133               | -2.5 to 2.5 | Pass    |
|                               |                 |               |        | -10        | 7.2           | -10.214          | -0.0125               | -2.5 to 2.5 | Pass    |
|                               |                 |               |        | 0          | 7.2           | -8.569           | -0.0105               | -2.5 to 2.5 | Pass    |
|                               |                 |               |        | 10         | 7.2           | -7.024           | -0.0086               | -2.5 to 2.5 | Pass    |
|                               |                 |               |        | 30         | 7.2           | -5.779           | -0.0071               | -2.5 to 2.5 | Pass    |
|                               |                 |               |        | 40         | 7.2           | -5.379           | -0.0066               | -2.5 to 2.5 | Pass    |
|                               |                 |               |        | 50         | 7.2           | -5.479           | -0.0067               | -2.5 to 2.5 | Pass    |
|                               | 823.3           | 6             | 0      | 20         | 6.12          | -13.704          | -0.0166               | -2.5 to 2.5 | Pass    |
|                               |                 |               |        |            | 7.2           | -11.816          | -0.0144               | -2.5 to 2.5 | Pass    |
|                               |                 |               |        |            | 8.28          | -11.244          | -0.0137               | -2.5 to 2.5 | Pass    |
|                               |                 |               |        | -30        | 7.2           | -10.128          | -0.0123               | -2.5 to 2.5 | Pass    |
|                               |                 |               |        | -20        | 7.2           | -8.955           | -0.0109               | -2.5 to 2.5 | Pass    |
|                               |                 |               |        | -10        | 7.2           | -7.510           | -0.0091               | -2.5 to 2.5 | Pass    |
|                               |                 |               |        | 0          | 7.2           | -6.180           | -0.0075               | -2.5 to 2.5 | Pass    |
|                               |                 |               |        | 10         | 7.2           | -5.894           | -0.0072               | -2.5 to 2.5 | Pass    |
|                               |                 |               |        | 30         | 7.2           | -5.336           | -0.0065               | -2.5 to 2.5 | Pass    |
|                               |                 |               |        | 40         | 7.2           | -4.435           | -0.0054               | -2.5 to 2.5 | Pass    |
|                               |                 |               |        | 50         | 7.2           | -4.134           | -0.0050               | -2.5 to 2.5 | Pass    |
| 16QAM                         | 814.7           | 6             | 0      | 20         | 6.12          | -12.503          | -0.0153               | -2.5 to 2.5 | Pass    |
|                               |                 |               |        |            | 7.2           | -10.901          | -0.0134               | -2.5 to 2.5 | Pass    |
|                               |                 |               |        |            | 8.28          | -8.740           | -0.0107               | -2.5 to 2.5 | Pass    |
|                               |                 |               |        | -30        | 7.2           | -8.612           | -0.0106               | -2.5 to 2.5 | Pass    |
|                               |                 |               |        | -20        | 7.2           | -7.310           | -0.0090               | -2.5 to 2.5 | Pass    |
|                               |                 |               |        | -10        | 7.2           | -5.608           | -0.0069               | -2.5 to 2.5 | Pass    |
|                               |                 |               |        | 0          | 7.2           | -4.992           | -0.0061               | -2.5 to 2.5 | Pass    |



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|       |       |   |   |     |      |         |         |             |      |
|-------|-------|---|---|-----|------|---------|---------|-------------|------|
|       | 819   | 6 | 0 | 10  | 7.2  | -3.834  | -0.0047 | -2.5 to 2.5 | Pass |
|       |       |   |   | 30  | 7.2  | -3.991  | -0.0049 | -2.5 to 2.5 | Pass |
|       |       |   |   | 40  | 7.2  | -3.247  | -0.0040 | -2.5 to 2.5 | Pass |
|       |       |   |   | 50  | 7.2  | -2.975  | -0.0037 | -2.5 to 2.5 | Pass |
|       |       |   |   | 20  | 6.12 | 12.088  | 0.0148  | -2.5 to 2.5 | Pass |
|       |       |   |   |     | 7.2  | 13.461  | 0.0164  | -2.5 to 2.5 | Pass |
|       |       |   |   |     | 8.28 | 15.450  | 0.0189  | -2.5 to 2.5 | Pass |
|       |       |   |   | -30 | 7.2  | 14.763  | 0.0180  | -2.5 to 2.5 | Pass |
|       |       |   |   | -20 | 7.2  | 15.478  | 0.0189  | -2.5 to 2.5 | Pass |
|       |       |   |   | -10 | 7.2  | 13.390  | 0.0163  | -2.5 to 2.5 | Pass |
|       |       |   |   | 0   | 7.2  | 12.288  | 0.0150  | -2.5 to 2.5 | Pass |
|       |       |   |   | 10  | 7.2  | 10.042  | 0.0123  | -2.5 to 2.5 | Pass |
|       |       |   |   | 30  | 7.2  | 8.883   | 0.0108  | -2.5 to 2.5 | Pass |
|       |       |   |   | 40  | 7.2  | 5.951   | 0.0073  | -2.5 to 2.5 | Pass |
|       |       |   |   | 50  | 7.2  | 4.506   | 0.0055  | -2.5 to 2.5 | Pass |
|       | 823.3 | 6 | 0 | 20  | 6.12 | -9.685  | -0.0118 | -2.5 to 2.5 | Pass |
|       |       |   |   |     | 7.2  | -7.825  | -0.0095 | -2.5 to 2.5 | Pass |
|       |       |   |   |     | 8.28 | -7.439  | -0.0090 | -2.5 to 2.5 | Pass |
|       |       |   |   | -30 | 7.2  | -5.994  | -0.0073 | -2.5 to 2.5 | Pass |
|       |       |   |   | -20 | 7.2  | -4.992  | -0.0061 | -2.5 to 2.5 | Pass |
|       |       |   |   | -10 | 7.2  | -4.520  | -0.0055 | -2.5 to 2.5 | Pass |
|       |       |   |   | 0   | 7.2  | -4.034  | -0.0049 | -2.5 to 2.5 | Pass |
|       |       |   |   | 10  | 7.2  | -3.848  | -0.0047 | -2.5 to 2.5 | Pass |
|       |       |   |   | 30  | 7.2  | -3.147  | -0.0038 | -2.5 to 2.5 | Pass |
|       |       |   |   | 40  | 7.2  | -3.448  | -0.0042 | -2.5 to 2.5 | Pass |
|       |       |   |   | 50  | 7.2  | -2.203  | -0.0027 | -2.5 to 2.5 | Pass |
| 64QAM | 814.7 | 6 | 0 | 20  | 6.12 | -0.238  | -0.0003 | -2.5 to 2.5 | Pass |
|       |       |   |   |     | 7.2  | -3.653  | -0.0045 | -2.5 to 2.5 | Pass |
|       |       |   |   |     | 8.28 | -2.950  | -0.0036 | -2.5 to 2.5 | Pass |
|       |       |   |   | -30 | 7.2  | -8.644  | -0.0106 | -2.5 to 2.5 | Pass |
|       |       |   |   | -20 | 7.2  | -3.354  | -0.0041 | -2.5 to 2.5 | Pass |
|       |       |   |   | -10 | 7.2  | 4.468   | 0.0055  | -2.5 to 2.5 | Pass |
|       |       |   |   | 0   | 7.2  | -3.607  | -0.0044 | -2.5 to 2.5 | Pass |
|       |       |   |   | 10  | 7.2  | -2.991  | -0.0037 | -2.5 to 2.5 | Pass |
|       |       |   |   | 30  | 7.2  | -4.604  | -0.0057 | -2.5 to 2.5 | Pass |
|       |       |   |   | 40  | 7.2  | 7.043   | 0.0086  | -2.5 to 2.5 | Pass |
|       |       |   |   | 50  | 7.2  | -2.108  | -0.0026 | -2.5 to 2.5 | Pass |
|       | 819   | 6 | 0 | 20  | 6.12 | -4.202  | -0.0051 | -2.5 to 2.5 | Pass |
|       |       |   |   |     | 7.2  | -6.195  | -0.0076 | -2.5 to 2.5 | Pass |
|       |       |   |   |     | 8.28 | 5.660   | 0.0069  | -2.5 to 2.5 | Pass |
|       |       |   |   | -30 | 7.2  | -4.676  | -0.0057 | -2.5 to 2.5 | Pass |
|       |       |   |   | -20 | 7.2  | 1.170   | 0.0014  | -2.5 to 2.5 | Pass |
|       |       |   |   | -10 | 7.2  | -8.924  | -0.0109 | -2.5 to 2.5 | Pass |
|       |       |   |   | 0   | 7.2  | 3.183   | 0.0039  | -2.5 to 2.5 | Pass |
|       |       |   |   | 10  | 7.2  | -0.641  | -0.0008 | -2.5 to 2.5 | Pass |
|       |       |   |   | 30  | 7.2  | -2.546  | -0.0031 | -2.5 to 2.5 | Pass |
|       |       |   |   | 40  | 7.2  | -9.688  | -0.0118 | -2.5 to 2.5 | Pass |
|       |       |   |   | 50  | 7.2  | 1.282   | 0.0016  | -2.5 to 2.5 | Pass |
|       | 823.3 | 6 | 0 | 20  | 6.12 | -0.793  | -0.0010 | -2.5 to 2.5 | Pass |
|       |       |   |   |     | 7.2  | 1.055   | 0.0013  | -2.5 to 2.5 | Pass |
|       |       |   |   |     | 8.28 | -10.687 | -0.0130 | -2.5 to 2.5 | Pass |



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|  |  |  |  |     |     |        |         |             |      |
|--|--|--|--|-----|-----|--------|---------|-------------|------|
|  |  |  |  | -30 | 7.2 | 2.597  | 0.0032  | -2.5 to 2.5 | Pass |
|  |  |  |  | -20 | 7.2 | -1.105 | -0.0013 | -2.5 to 2.5 | Pass |
|  |  |  |  | -10 | 7.2 | -2.743 | -0.0033 | -2.5 to 2.5 | Pass |
|  |  |  |  | 0   | 7.2 | -6.222 | -0.0076 | -2.5 to 2.5 | Pass |
|  |  |  |  | 10  | 7.2 | 5.840  | 0.0071  | -2.5 to 2.5 | Pass |
|  |  |  |  | 30  | 7.2 | -0.701 | -0.0009 | -2.5 to 2.5 | Pass |
|  |  |  |  | 40  | 7.2 | -0.853 | -0.0010 | -2.5 to 2.5 | Pass |
|  |  |  |  | 50  | 7.2 | -8.697 | -0.0106 | -2.5 to 2.5 | Pass |

## 2.2 B26a\_3MHz

### 2.2.1 Test Result

| Band: 26a / Bandwidth: 3MHz |                 |               |        |            |               |                  |                       |             |         |
|-----------------------------|-----------------|---------------|--------|------------|---------------|------------------|-----------------------|-------------|---------|
| Modulation                  | Frequency (MHz) | RB Allocation |        | Temp. (°C) | Voltage (VDC) | Freq. Error (Hz) | Freq. vs. Rated (ppm) |             | Verdict |
|                             |                 | Size          | Offset |            |               |                  | Result                | Limit       |         |
| QPSK                        | 815.5           | 15            | 0      | 20         | 6.12          | 2.217            | 0.0027                | -2.5 to 2.5 | Pass    |
|                             |                 |               |        |            | 7.2           | 2.575            | 0.0032                | -2.5 to 2.5 | Pass    |
|                             |                 |               |        |            | 8.28          | 2.618            | 0.0032                | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | -30        | 7.2           | 2.503            | 0.0031                | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | -20        | 7.2           | 1.130            | 0.0014                | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | -10        | 7.2           | 1.302            | 0.0016                | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 0          | 7.2           | 1.259            | 0.0015                | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 10         | 7.2           | 1.802            | 0.0022                | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 30         | 7.2           | 1.717            | 0.0021                | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 40         | 7.2           | 1.245            | 0.0015                | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 50         | 7.2           | 2.003            | 0.0025                | -2.5 to 2.5 | Pass    |
|                             | 819             | 15            | 0      | 20         | 6.12          | 1.001            | 0.0012                | -2.5 to 2.5 | Pass    |
|                             |                 |               |        |            | 7.2           | 0.215            | 0.0003                | -2.5 to 2.5 | Pass    |
|                             |                 |               |        |            | 8.28          | 0.744            | 0.0009                | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | -30        | 7.2           | 0.529            | 0.0006                | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | -20        | 7.2           | 0.401            | 0.0005                | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | -10        | 7.2           | 0.544            | 0.0007                | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 0          | 7.2           | 0.129            | 0.0002                | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 10         | 7.2           | 0.114            | 0.0001                | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 30         | 7.2           | 0.086            | 0.0001                | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 40         | 7.2           | 0.801            | 0.0010                | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 50         | 7.2           | 0.172            | 0.0002                | -2.5 to 2.5 | Pass    |
|                             | 822.5           | 15            | 0      | 20         | 6.12          | 1.030            | 0.0013                | -2.5 to 2.5 | Pass    |
|                             |                 |               |        |            | 7.2           | 0.887            | 0.0011                | -2.5 to 2.5 | Pass    |
|                             |                 |               |        |            | 8.28          | 2.117            | 0.0026                | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | -30        | 7.2           | 1.202            | 0.0015                | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | -20        | 7.2           | 1.273            | 0.0015                | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | -10        | 7.2           | 2.446            | 0.0030                | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 0          | 7.2           | 2.947            | 0.0036                | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 10         | 7.2           | 1.616            | 0.0020                | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 30         | 7.2           | 0.601            | 0.0007                | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 40         | 7.2           | 1.774            | 0.0022                | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 50         | 7.2           | 1.945            | 0.0024                | -2.5 to 2.5 | Pass    |



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|       |       |    |   |     |      |        |         |             |      |
|-------|-------|----|---|-----|------|--------|---------|-------------|------|
| 16QAM | 815.5 | 15 | 0 | 20  | 6.12 | 1.416  | 0.0017  | -2.5 to 2.5 | Pass |
|       |       |    |   |     | 7.2  | 1.760  | 0.0022  | -2.5 to 2.5 | Pass |
|       |       |    |   |     | 8.28 | 1.431  | 0.0018  | -2.5 to 2.5 | Pass |
|       |       |    |   | -30 | 7.2  | 1.602  | 0.0020  | -2.5 to 2.5 | Pass |
|       |       |    |   | -20 | 7.2  | 1.273  | 0.0016  | -2.5 to 2.5 | Pass |
|       |       |    |   | -10 | 7.2  | 1.330  | 0.0016  | -2.5 to 2.5 | Pass |
|       |       |    |   | 0   | 7.2  | 1.073  | 0.0013  | -2.5 to 2.5 | Pass |
|       |       |    |   | 10  | 7.2  | 1.130  | 0.0014  | -2.5 to 2.5 | Pass |
|       |       |    |   | 30  | 7.2  | 0.973  | 0.0012  | -2.5 to 2.5 | Pass |
|       |       |    |   | 40  | 7.2  | 1.602  | 0.0020  | -2.5 to 2.5 | Pass |
|       |       |    |   | 50  | 7.2  | 2.003  | 0.0025  | -2.5 to 2.5 | Pass |
|       | 819   | 15 | 0 | 20  | 6.12 | 0.472  | 0.0006  | -2.5 to 2.5 | Pass |
|       |       |    |   |     | 7.2  | 1.187  | 0.0014  | -2.5 to 2.5 | Pass |
|       |       |    |   |     | 8.28 | 0.744  | 0.0009  | -2.5 to 2.5 | Pass |
|       |       |    |   | -30 | 7.2  | 1.302  | 0.0016  | -2.5 to 2.5 | Pass |
|       |       |    |   | -20 | 7.2  | 0.830  | 0.0010  | -2.5 to 2.5 | Pass |
|       |       |    |   | -10 | 7.2  | 0.401  | 0.0005  | -2.5 to 2.5 | Pass |
|       |       |    |   | 0   | 7.2  | 0.129  | 0.0002  | -2.5 to 2.5 | Pass |
|       |       |    |   | 10  | 7.2  | 0.486  | 0.0006  | -2.5 to 2.5 | Pass |
|       |       |    |   | 30  | 7.2  | 1.044  | 0.0013  | -2.5 to 2.5 | Pass |
|       |       |    |   | 40  | 7.2  | 0.315  | 0.0004  | -2.5 to 2.5 | Pass |
|       |       |    |   | 50  | 7.2  | -0.315 | -0.0004 | -2.5 to 2.5 | Pass |
|       | 822.5 | 15 | 0 | 20  | 6.12 | 2.217  | 0.0027  | -2.5 to 2.5 | Pass |
|       |       |    |   |     | 7.2  | 1.960  | 0.0024  | -2.5 to 2.5 | Pass |
|       |       |    |   |     | 8.28 | 1.245  | 0.0015  | -2.5 to 2.5 | Pass |
|       |       |    |   | -30 | 7.2  | 1.917  | 0.0023  | -2.5 to 2.5 | Pass |
|       |       |    |   | -20 | 7.2  | 2.189  | 0.0027  | -2.5 to 2.5 | Pass |
|       |       |    |   | -10 | 7.2  | 2.446  | 0.0030  | -2.5 to 2.5 | Pass |
|       |       |    |   | 0   | 7.2  | 1.745  | 0.0021  | -2.5 to 2.5 | Pass |
|       |       |    |   | 10  | 7.2  | 2.718  | 0.0033  | -2.5 to 2.5 | Pass |
|       |       |    |   | 30  | 7.2  | 2.446  | 0.0030  | -2.5 to 2.5 | Pass |
|       |       |    |   | 40  | 7.2  | 2.518  | 0.0031  | -2.5 to 2.5 | Pass |
|       |       |    |   | 50  | 7.2  | 2.489  | 0.0030  | -2.5 to 2.5 | Pass |
| 64QAM | 815.5 | 15 | 0 | 20  | 6.12 | 2.535  | 0.0031  | -2.5 to 2.5 | Pass |
|       |       |    |   |     | 7.2  | -6.150 | -0.0075 | -2.5 to 2.5 | Pass |
|       |       |    |   |     | 8.28 | 4.374  | 0.0054  | -2.5 to 2.5 | Pass |
|       |       |    |   | -30 | 7.2  | 4.442  | 0.0054  | -2.5 to 2.5 | Pass |
|       |       |    |   | -20 | 7.2  | 1.844  | 0.0023  | -2.5 to 2.5 | Pass |
|       |       |    |   | -10 | 7.2  | -3.964 | -0.0049 | -2.5 to 2.5 | Pass |
|       |       |    |   | 0   | 7.2  | 2.772  | 0.0034  | -2.5 to 2.5 | Pass |
|       |       |    |   | 10  | 7.2  | 7.030  | 0.0086  | -2.5 to 2.5 | Pass |
|       |       |    |   | 30  | 7.2  | -0.350 | -0.0004 | -2.5 to 2.5 | Pass |
|       |       |    |   | 40  | 7.2  | 0.089  | 0.0001  | -2.5 to 2.5 | Pass |
|       |       |    |   | 50  | 7.2  | -0.448 | -0.0005 | -2.5 to 2.5 | Pass |
|       | 819   | 15 | 0 | 20  | 6.12 | 3.715  | 0.0045  | -2.5 to 2.5 | Pass |
|       |       |    |   |     | 7.2  | 2.083  | 0.0025  | -2.5 to 2.5 | Pass |
|       |       |    |   |     | 8.28 | 2.246  | 0.0027  | -2.5 to 2.5 | Pass |
|       |       |    |   | -30 | 7.2  | 0.800  | 0.0010  | -2.5 to 2.5 | Pass |
|       |       |    |   | -20 | 7.2  | -4.855 | -0.0059 | -2.5 to 2.5 | Pass |
|       |       |    |   | -10 | 7.2  | 10.627 | 0.0130  | -2.5 to 2.5 | Pass |
|       |       |    |   | 0   | 7.2  | 1.443  | 0.0018  | -2.5 to 2.5 | Pass |

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|  |       |    |   |     |      |        |         |             |      |
|--|-------|----|---|-----|------|--------|---------|-------------|------|
|  | 822.5 | 15 | 0 | 10  | 7.2  | 2.826  | 0.0035  | -2.5 to 2.5 | Pass |
|  |       |    |   | 30  | 7.2  | -5.098 | -0.0062 | -2.5 to 2.5 | Pass |
|  |       |    |   | 40  | 7.2  | 4.337  | 0.0053  | -2.5 to 2.5 | Pass |
|  |       |    |   | 50  | 7.2  | 2.032  | 0.0025  | -2.5 to 2.5 | Pass |
|  |       |    |   | 20  | 6.12 | 0.305  | 0.0004  | -2.5 to 2.5 | Pass |
|  |       |    |   |     | 7.2  | 3.482  | 0.0042  | -2.5 to 2.5 | Pass |
|  |       |    |   |     | 8.28 | -3.843 | -0.0047 | -2.5 to 2.5 | Pass |
|  |       |    |   | -30 | 7.2  | 0.248  | 0.0003  | -2.5 to 2.5 | Pass |
|  |       |    |   | -20 | 7.2  | 8.091  | 0.0098  | -2.5 to 2.5 | Pass |
|  |       |    |   | -10 | 7.2  | 2.029  | 0.0025  | -2.5 to 2.5 | Pass |
|  |       |    |   | 0   | 7.2  | 5.562  | 0.0068  | -2.5 to 2.5 | Pass |
|  |       |    |   | 10  | 7.2  | -5.804 | -0.0071 | -2.5 to 2.5 | Pass |
|  |       |    |   | 30  | 7.2  | 4.059  | 0.0049  | -2.5 to 2.5 | Pass |
|  |       |    |   | 40  | 7.2  | 4.599  | 0.0056  | -2.5 to 2.5 | Pass |
|  |       |    |   | 50  | 7.2  | 1.740  | 0.0021  | -2.5 to 2.5 | Pass |

## 2.3 B26a\_5MHz

### 2.3.1 Test Result

| Band: 26a / Bandwidth: 5MHz |                 |               |        |            |               |                  |                       |             |         |
|-----------------------------|-----------------|---------------|--------|------------|---------------|------------------|-----------------------|-------------|---------|
| Modulation                  | Frequency (MHz) | RB Allocation |        | Temp. (°C) | Voltage (VDC) | Freq. Error (Hz) | Freq. vs. Rated (ppm) |             | Verdict |
|                             |                 | Size          | Offset |            |               |                  | Result                | Limit       |         |
| QPSK                        | 816.5           | 25            | 0      | 20         | 6.12          | 1.874            | 0.0023                | -2.5 to 2.5 | Pass    |
|                             |                 |               |        |            | 7.2           | 1.659            | 0.0020                | -2.5 to 2.5 | Pass    |
|                             |                 |               |        |            | 8.28          | 1.545            | 0.0019                | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | -30        | 7.2           | 1.845            | 0.0023                | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | -20        | 7.2           | 2.174            | 0.0027                | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | -10        | 7.2           | 2.503            | 0.0031                | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 0          | 7.2           | 2.618            | 0.0032                | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 10         | 7.2           | 2.575            | 0.0032                | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 30         | 7.2           | 3.319            | 0.0041                | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 40         | 7.2           | 3.290            | 0.0040                | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 50         | 7.2           | 3.061            | 0.0037                | -2.5 to 2.5 | Pass    |
|                             | 819             | 25            | 0      | 20         | 6.12          | -0.815           | -0.0010               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        |            | 7.2           | 0.000            | 0.0000                | -2.5 to 2.5 | Pass    |
|                             |                 |               |        |            | 8.28          | -1.059           | -0.0013               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | -30        | 7.2           | -0.558           | -0.0007               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | -20        | 7.2           | -0.343           | -0.0004               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | -10        | 7.2           | -0.343           | -0.0004               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 0          | 7.2           | -0.014           | 0.0000                | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 10         | 7.2           | -0.343           | -0.0004               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 30         | 7.2           | -0.443           | -0.0005               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 40         | 7.2           | 0.100            | 0.0001                | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 50         | 7.2           | -0.472           | -0.0006               | -2.5 to 2.5 | Pass    |
|                             | 821.5           | 25            | 0      | 20         | 6.12          | -0.029           | 0.0000                | -2.5 to 2.5 | Pass    |
|                             |                 |               |        |            | 7.2           | -0.086           | -0.0001               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        |            | 8.28          | 0.758            | 0.0009                | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | -30        | 7.2           | 0.272            | 0.0003                | -2.5 to 2.5 | Pass    |



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|       |       |    |   |     |      |        |         |             |      |
|-------|-------|----|---|-----|------|--------|---------|-------------|------|
| 16QAM | 816.5 | 25 | 0 | -20 | 7.2  | -0.143 | -0.0002 | -2.5 to 2.5 | Pass |
|       |       |    |   | -10 | 7.2  | -0.286 | -0.0003 | -2.5 to 2.5 | Pass |
|       |       |    |   | 0   | 7.2  | 1.044  | 0.0013  | -2.5 to 2.5 | Pass |
|       |       |    |   | 10  | 7.2  | -0.157 | -0.0002 | -2.5 to 2.5 | Pass |
|       |       |    |   | 30  | 7.2  | 0.687  | 0.0008  | -2.5 to 2.5 | Pass |
|       |       |    |   | 40  | 7.2  | 0.401  | 0.0005  | -2.5 to 2.5 | Pass |
|       |       |    |   | 50  | 7.2  | 0.200  | 0.0002  | -2.5 to 2.5 | Pass |
|       | 819   | 25 | 0 | 20  | 6.12 | -0.086 | -0.0001 | -2.5 to 2.5 | Pass |
|       |       |    |   |     | 7.2  | 0.572  | 0.0007  | -2.5 to 2.5 | Pass |
|       |       |    |   |     | 8.28 | -0.415 | -0.0005 | -2.5 to 2.5 | Pass |
|       |       |    |   | -30 | 7.2  | -0.057 | -0.0001 | -2.5 to 2.5 | Pass |
|       |       |    |   | -20 | 7.2  | -0.343 | -0.0004 | -2.5 to 2.5 | Pass |
|       |       |    |   | -10 | 7.2  | 0.887  | 0.0011  | -2.5 to 2.5 | Pass |
|       |       |    |   | 0   | 7.2  | 0.916  | 0.0011  | -2.5 to 2.5 | Pass |
|       |       |    |   | 10  | 7.2  | 0.672  | 0.0008  | -2.5 to 2.5 | Pass |
|       |       |    |   | 30  | 7.2  | 0.257  | 0.0003  | -2.5 to 2.5 | Pass |
|       |       |    |   | 40  | 7.2  | -0.358 | -0.0004 | -2.5 to 2.5 | Pass |
|       |       |    |   | 50  | 7.2  | -0.086 | -0.0001 | -2.5 to 2.5 | Pass |
|       |       |    |   | 20  | 6.12 | -0.701 | -0.0009 | -2.5 to 2.5 | Pass |
|       |       |    |   |     | 7.2  | 0.916  | 0.0011  | -2.5 to 2.5 | Pass |
|       |       |    |   |     | 8.28 | 1.030  | 0.0013  | -2.5 to 2.5 | Pass |
|       |       |    |   | -30 | 7.2  | 0.100  | 0.0001  | -2.5 to 2.5 | Pass |
|       |       |    |   | -20 | 7.2  | 0.501  | 0.0006  | -2.5 to 2.5 | Pass |
|       |       |    |   | -10 | 7.2  | 0.057  | 0.0001  | -2.5 to 2.5 | Pass |
|       |       |    |   | 0   | 7.2  | 0.200  | 0.0002  | -2.5 to 2.5 | Pass |
|       |       |    |   | 10  | 7.2  | 0.529  | 0.0006  | -2.5 to 2.5 | Pass |
|       |       |    |   | 30  | 7.2  | -0.200 | -0.0002 | -2.5 to 2.5 | Pass |
|       |       |    |   | 40  | 7.2  | 0.229  | 0.0003  | -2.5 to 2.5 | Pass |
|       |       |    |   | 50  | 7.2  | 0.329  | 0.0004  | -2.5 to 2.5 | Pass |
|       | 821.5 | 25 | 0 | 20  | 6.12 | 0.772  | 0.0009  | -2.5 to 2.5 | Pass |
|       |       |    |   |     | 7.2  | 1.273  | 0.0015  | -2.5 to 2.5 | Pass |
|       |       |    |   |     | 8.28 | 1.831  | 0.0022  | -2.5 to 2.5 | Pass |
|       |       |    |   | -30 | 7.2  | 0.944  | 0.0011  | -2.5 to 2.5 | Pass |
|       |       |    |   | -20 | 7.2  | 1.373  | 0.0017  | -2.5 to 2.5 | Pass |
|       |       |    |   | -10 | 7.2  | 1.945  | 0.0024  | -2.5 to 2.5 | Pass |
|       |       |    |   | 0   | 7.2  | 1.230  | 0.0015  | -2.5 to 2.5 | Pass |
|       |       |    |   | 10  | 7.2  | -0.472 | -0.0006 | -2.5 to 2.5 | Pass |
|       |       |    |   | 30  | 7.2  | 0.458  | 0.0006  | -2.5 to 2.5 | Pass |
|       |       |    |   | 40  | 7.2  | 0.129  | 0.0002  | -2.5 to 2.5 | Pass |
|       |       |    |   | 50  | 7.2  | 0.486  | 0.0006  | -2.5 to 2.5 | Pass |
| 64QAM | 816.5 | 25 | 0 | 20  | 6.12 | -8.396 | -0.0103 | -2.5 to 2.5 | Pass |
|       |       |    |   |     | 7.2  | -1.643 | -0.0020 | -2.5 to 2.5 | Pass |
|       |       |    |   |     | 8.28 | 6.342  | 0.0078  | -2.5 to 2.5 | Pass |
|       |       |    |   | -30 | 7.2  | -1.887 | -0.0023 | -2.5 to 2.5 | Pass |
|       |       |    |   | -20 | 7.2  | 0.566  | 0.0007  | -2.5 to 2.5 | Pass |
|       |       |    |   | -10 | 7.2  | -5.211 | -0.0064 | -2.5 to 2.5 | Pass |
|       |       |    |   | 0   | 7.2  | 6.698  | 0.0082  | -2.5 to 2.5 | Pass |
|       |       |    |   | 10  | 7.2  | -1.815 | -0.0022 | -2.5 to 2.5 | Pass |
|       |       |    |   | 30  | 7.2  | 3.249  | 0.0040  | -2.5 to 2.5 | Pass |
|       |       |    |   | 40  | 7.2  | -3.601 | -0.0044 | -2.5 to 2.5 | Pass |
|       |       |    |   | 50  | 7.2  | 9.687  | 0.0119  | -2.5 to 2.5 | Pass |



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|  |       |    |   |     |      |        |         |             |      |
|--|-------|----|---|-----|------|--------|---------|-------------|------|
|  | 819   | 25 | 0 | 20  | 6.12 | -0.420 | -0.0005 | -2.5 to 2.5 | Pass |
|  |       |    |   |     | 7.2  | -0.138 | -0.0002 | -2.5 to 2.5 | Pass |
|  |       |    |   |     | 8.28 | -6.056 | -0.0074 | -2.5 to 2.5 | Pass |
|  |       |    |   | -30 | 7.2  | 5.848  | 0.0071  | -2.5 to 2.5 | Pass |
|  |       |    |   | -20 | 7.2  | 0.081  | 0.0001  | -2.5 to 2.5 | Pass |
|  |       |    |   | -10 | 7.2  | 1.177  | 0.0014  | -2.5 to 2.5 | Pass |
|  |       |    |   | 0   | 7.2  | -8.276 | -0.0101 | -2.5 to 2.5 | Pass |
|  |       |    |   | 10  | 7.2  | 2.544  | 0.0031  | -2.5 to 2.5 | Pass |
|  |       |    |   | 30  | 7.2  | 4.006  | 0.0049  | -2.5 to 2.5 | Pass |
|  |       |    |   | 40  | 7.2  | -0.018 | 0.0000  | -2.5 to 2.5 | Pass |
|  | 821.5 | 25 | 0 | 50  | 7.2  | -7.847 | -0.0096 | -2.5 to 2.5 | Pass |
|  |       |    |   | 20  | 6.12 | 2.569  | 0.0031  | -2.5 to 2.5 | Pass |
|  |       |    |   |     | 7.2  | -1.749 | -0.0021 | -2.5 to 2.5 | Pass |
|  |       |    |   |     | 8.28 | 9.514  | 0.0116  | -2.5 to 2.5 | Pass |
|  |       |    |   | -30 | 7.2  | -1.054 | -0.0013 | -2.5 to 2.5 | Pass |
|  |       |    |   | -20 | 7.2  | 2.576  | 0.0031  | -2.5 to 2.5 | Pass |
|  |       |    |   | -10 | 7.2  | -4.872 | -0.0059 | -2.5 to 2.5 | Pass |
|  |       |    |   | 0   | 7.2  | 6.974  | 0.0085  | -2.5 to 2.5 | Pass |
|  |       |    |   | 10  | 7.2  | -0.708 | -0.0009 | -2.5 to 2.5 | Pass |
|  |       |    |   | 30  | 7.2  | 3.310  | 0.0040  | -2.5 to 2.5 | Pass |
|  |       |    |   | 40  | 7.2  | -6.294 | -0.0077 | -2.5 to 2.5 | Pass |
|  |       |    |   | 50  | 7.2  | 7.048  | 0.0086  | -2.5 to 2.5 | Pass |

## 2.4 B26a\_10MHz

### 2.4.1 Test Result

| Band: 26a / Bandwidth: 10MHz |                 |               |        |            |               |                  |                       |             |         |
|------------------------------|-----------------|---------------|--------|------------|---------------|------------------|-----------------------|-------------|---------|
| Modulation                   | Frequency (MHz) | RB Allocation |        | Temp. (°C) | Voltage (VDC) | Freq. Error (Hz) | Freq. vs. Rated (ppm) |             | Verdict |
|                              |                 | Size          | Offset |            |               |                  | Result                | Limit       |         |
| QPSK                         | 819             | 50            | 0      | 20         | 6.12          | -0.529           | -0.0006               | -2.5 to 2.5 | Pass    |
|                              |                 |               |        |            | 7.2           | -0.215           | -0.0003               | -2.5 to 2.5 | Pass    |
|                              |                 |               |        |            | 8.28          | 0.014            | 0.0000                | -2.5 to 2.5 | Pass    |
|                              |                 |               |        | -30        | 7.2           | -0.787           | -0.0010               | -2.5 to 2.5 | Pass    |
|                              |                 |               |        | -20        | 7.2           | -1.216           | -0.0015               | -2.5 to 2.5 | Pass    |
|                              |                 |               |        | -10        | 7.2           | -1.202           | -0.0015               | -2.5 to 2.5 | Pass    |
|                              |                 |               |        | 0          | 7.2           | -0.429           | -0.0005               | -2.5 to 2.5 | Pass    |
|                              |                 |               |        | 10         | 7.2           | -1.087           | -0.0013               | -2.5 to 2.5 | Pass    |
|                              |                 |               |        | 30         | 7.2           | -0.243           | -0.0003               | -2.5 to 2.5 | Pass    |
|                              |                 |               |        | 40         | 7.2           | 0.129            | 0.0002                | -2.5 to 2.5 | Pass    |
|                              | 819             | 50            | 0      | 50         | 7.2           | -0.257           | -0.0003               | -2.5 to 2.5 | Pass    |
|                              |                 |               |        | 20         | 6.12          | -1.001           | -0.0012               | -2.5 to 2.5 | Pass    |
|                              |                 |               |        |            | 7.2           | -1.516           | -0.0019               | -2.5 to 2.5 | Pass    |
|                              |                 |               |        |            | 8.28          | -0.758           | -0.0009               | -2.5 to 2.5 | Pass    |
|                              |                 |               |        | -30        | 7.2           | -1.216           | -0.0015               | -2.5 to 2.5 | Pass    |
|                              |                 |               |        | -20        | 7.2           | -1.173           | -0.0014               | -2.5 to 2.5 | Pass    |
|                              |                 |               |        | -10        | 7.2           | -0.744           | -0.0009               | -2.5 to 2.5 | Pass    |
|                              |                 |               |        | 0          | 7.2           | -0.930           | -0.0011               | -2.5 to 2.5 | Pass    |
|                              |                 |               |        | 10         | 7.2           | -0.372           | -0.0005               | -2.5 to 2.5 | Pass    |



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|       |     |    |   |     |      |        |         |             |      |
|-------|-----|----|---|-----|------|--------|---------|-------------|------|
|       |     |    |   | 30  | 7.2  | -0.272 | -0.0003 | -2.5 to 2.5 | Pass |
|       |     |    |   | 40  | 7.2  | -1.473 | -0.0018 | -2.5 to 2.5 | Pass |
|       |     |    |   | 50  | 7.2  | -0.186 | -0.0002 | -2.5 to 2.5 | Pass |
|       |     |    |   | 20  | 6.12 | -1.187 | -0.0014 | -2.5 to 2.5 | Pass |
|       |     |    |   |     | 7.2  | -1.588 | -0.0019 | -2.5 to 2.5 | Pass |
|       |     |    |   |     | 8.28 | -1.459 | -0.0018 | -2.5 to 2.5 | Pass |
|       |     |    |   | -30 | 7.2  | -0.873 | -0.0011 | -2.5 to 2.5 | Pass |
|       |     |    |   | -20 | 7.2  | -1.888 | -0.0023 | -2.5 to 2.5 | Pass |
|       |     |    |   | -10 | 7.2  | -1.688 | -0.0021 | -2.5 to 2.5 | Pass |
|       |     |    |   | 0   | 7.2  | -1.988 | -0.0024 | -2.5 to 2.5 | Pass |
|       |     |    |   | 10  | 7.2  | -1.688 | -0.0021 | -2.5 to 2.5 | Pass |
|       |     |    |   | 30  | 7.2  | -1.903 | -0.0023 | -2.5 to 2.5 | Pass |
|       |     |    |   | 40  | 7.2  | -2.475 | -0.0030 | -2.5 to 2.5 | Pass |
|       |     |    |   | 50  | 7.2  | -2.031 | -0.0025 | -2.5 to 2.5 | Pass |
| 16QAM | 819 | 50 | 0 | 20  | 6.12 | -0.973 | -0.0012 | -2.5 to 2.5 | Pass |
|       |     |    |   |     | 7.2  | -1.044 | -0.0013 | -2.5 to 2.5 | Pass |
|       |     |    |   |     | 8.28 | -0.787 | -0.0010 | -2.5 to 2.5 | Pass |
|       |     |    |   | -30 | 7.2  | -1.545 | -0.0019 | -2.5 to 2.5 | Pass |
|       |     |    |   | -20 | 7.2  | -1.302 | -0.0016 | -2.5 to 2.5 | Pass |
|       |     |    |   | -10 | 7.2  | -0.315 | -0.0004 | -2.5 to 2.5 | Pass |
|       |     |    |   | 0   | 7.2  | -0.415 | -0.0005 | -2.5 to 2.5 | Pass |
|       |     |    |   | 10  | 7.2  | -0.443 | -0.0005 | -2.5 to 2.5 | Pass |
|       |     |    |   | 30  | 7.2  | -0.687 | -0.0008 | -2.5 to 2.5 | Pass |
|       |     |    |   | 40  | 7.2  | -0.801 | -0.0010 | -2.5 to 2.5 | Pass |
|       |     |    |   | 50  | 7.2  | -0.272 | -0.0003 | -2.5 to 2.5 | Pass |
|       | 819 | 50 | 0 | 20  | 6.12 | -0.744 | -0.0009 | -2.5 to 2.5 | Pass |
|       |     |    |   |     | 7.2  | -0.730 | -0.0009 | -2.5 to 2.5 | Pass |
|       |     |    |   |     | 8.28 | -1.016 | -0.0012 | -2.5 to 2.5 | Pass |
|       |     |    |   | -30 | 7.2  | -0.873 | -0.0011 | -2.5 to 2.5 | Pass |
|       |     |    |   | -20 | 7.2  | -1.073 | -0.0013 | -2.5 to 2.5 | Pass |
|       |     |    |   | -10 | 7.2  | -0.458 | -0.0006 | -2.5 to 2.5 | Pass |
|       |     |    |   | 0   | 7.2  | -0.744 | -0.0009 | -2.5 to 2.5 | Pass |
|       |     |    |   | 10  | 7.2  | 0.057  | 0.0001  | -2.5 to 2.5 | Pass |
|       |     |    |   | 30  | 7.2  | -0.830 | -0.0010 | -2.5 to 2.5 | Pass |
|       |     |    |   | 40  | 7.2  | -0.615 | -0.0008 | -2.5 to 2.5 | Pass |
|       |     |    |   | 50  | 7.2  | -0.329 | -0.0004 | -2.5 to 2.5 | Pass |
|       | 819 | 50 | 0 | 20  | 6.12 | -0.601 | -0.0007 | -2.5 to 2.5 | Pass |
|       |     |    |   |     | 7.2  | 0.300  | 0.0004  | -2.5 to 2.5 | Pass |
|       |     |    |   |     | 8.28 | -1.130 | -0.0014 | -2.5 to 2.5 | Pass |
|       |     |    |   | -30 | 7.2  | -0.873 | -0.0011 | -2.5 to 2.5 | Pass |
|       |     |    |   | -20 | 7.2  | 0.043  | 0.0001  | -2.5 to 2.5 | Pass |
|       |     |    |   | -10 | 7.2  | -1.044 | -0.0013 | -2.5 to 2.5 | Pass |
|       |     |    |   | 0   | 7.2  | -1.502 | -0.0018 | -2.5 to 2.5 | Pass |
|       |     |    |   | 10  | 7.2  | -0.973 | -0.0012 | -2.5 to 2.5 | Pass |
|       |     |    |   | 30  | 7.2  | -1.130 | -0.0014 | -2.5 to 2.5 | Pass |
|       |     |    |   | 40  | 7.2  | -0.544 | -0.0007 | -2.5 to 2.5 | Pass |
|       |     |    |   | 50  | 7.2  | -0.730 | -0.0009 | -2.5 to 2.5 | Pass |
| 64QAM | 819 | 50 | 0 | 20  | 6.12 | -1.574 | -0.0019 | -2.5 to 2.5 | Pass |
|       |     |    |   |     | 7.2  | -3.461 | -0.0042 | -2.5 to 2.5 | Pass |
|       |     |    |   |     | 8.28 | 7.839  | 0.0096  | -2.5 to 2.5 | Pass |
|       |     |    |   | -30 | 7.2  | 1.283  | 0.0016  | -2.5 to 2.5 | Pass |



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|  |     |    |   |     |      |        |         |             |      |
|--|-----|----|---|-----|------|--------|---------|-------------|------|
|  |     |    |   | -20 | 7.2  | -5.612 | -0.0069 | -2.5 to 2.5 | Pass |
|  |     |    |   | -10 | 7.2  | -0.728 | -0.0009 | -2.5 to 2.5 | Pass |
|  |     |    |   | 0   | 7.2  | 5.906  | 0.0072  | -2.5 to 2.5 | Pass |
|  |     |    |   | 10  | 7.2  | 2.170  | 0.0026  | -2.5 to 2.5 | Pass |
|  |     |    |   | 30  | 7.2  | -3.426 | -0.0042 | -2.5 to 2.5 | Pass |
|  |     |    |   | 40  | 7.2  | -1.755 | -0.0021 | -2.5 to 2.5 | Pass |
|  |     |    |   | 50  | 7.2  | 5.762  | 0.0070  | -2.5 to 2.5 | Pass |
|  | 819 | 50 | 0 | 20  | 6.12 | -6.281 | -0.0077 | -2.5 to 2.5 | Pass |
|  |     |    |   |     | 7.2  | 2.361  | 0.0029  | -2.5 to 2.5 | Pass |
|  |     |    |   |     | 8.28 | 1.334  | 0.0016  | -2.5 to 2.5 | Pass |
|  |     |    |   | -30 | 7.2  | 3.070  | 0.0037  | -2.5 to 2.5 | Pass |
|  |     |    |   | -20 | 7.2  | -6.736 | -0.0082 | -2.5 to 2.5 | Pass |
|  |     |    |   | -10 | 7.2  | 2.689  | 0.0033  | -2.5 to 2.5 | Pass |
|  |     |    |   | 0   | 7.2  | 2.757  | 0.0034  | -2.5 to 2.5 | Pass |
|  |     |    |   | 10  | 7.2  | 1.434  | 0.0018  | -2.5 to 2.5 | Pass |
|  |     |    |   | 30  | 7.2  | -5.855 | -0.0071 | -2.5 to 2.5 | Pass |
|  |     |    |   | 40  | 7.2  | 2.174  | 0.0027  | -2.5 to 2.5 | Pass |
|  |     |    |   | 50  | 7.2  | 4.289  | 0.0052  | -2.5 to 2.5 | Pass |
|  | 819 | 50 | 0 | 20  | 6.12 | -3.177 | -0.0039 | -2.5 to 2.5 | Pass |
|  |     |    |   |     | 7.2  | -3.769 | -0.0046 | -2.5 to 2.5 | Pass |
|  |     |    |   |     | 8.28 | 6.637  | 0.0081  | -2.5 to 2.5 | Pass |
|  |     |    |   | -30 | 7.2  | 0.816  | 0.0010  | -2.5 to 2.5 | Pass |
|  |     |    |   | -20 | 7.2  | 0.651  | 0.0008  | -2.5 to 2.5 | Pass |
|  |     |    |   | -10 | 7.2  | -5.895 | -0.0072 | -2.5 to 2.5 | Pass |
|  |     |    |   | 0   | 7.2  | 1.736  | 0.0021  | -2.5 to 2.5 | Pass |
|  |     |    |   | 10  | 7.2  | 1.464  | 0.0018  | -2.5 to 2.5 | Pass |
|  |     |    |   | 30  | 7.2  | 1.850  | 0.0023  | -2.5 to 2.5 | Pass |
|  |     |    |   | 40  | 7.2  | -3.199 | -0.0039 | -2.5 to 2.5 | Pass |
|  |     |    |   | 50  | 7.2  | -2.157 | -0.0026 | -2.5 to 2.5 | Pass |

## 3. Modulation Characteristics

### 3.1 B26a\_1.4MHz

#### 3.1.1 Test Result

| Band: 26a / Bandwidth: 1.4MHz / NTN |                 |               |        |                            |       |
|-------------------------------------|-----------------|---------------|--------|----------------------------|-------|
| Modulation                          | Frequency (MHz) | RB Allocation |        | Modulation Characteristics |       |
|                                     |                 | Size          | Offset | Result                     | Limit |
| QPSK                                | 819             | 6             | 0      | Refer To Test Graph        | Pass  |
| 16QAM                               | 819             | 6             | 0      | Refer To Test Graph        | Pass  |
| 64QAM                               | 819             | 6             | 0      | Refer To Test Graph        | Pass  |



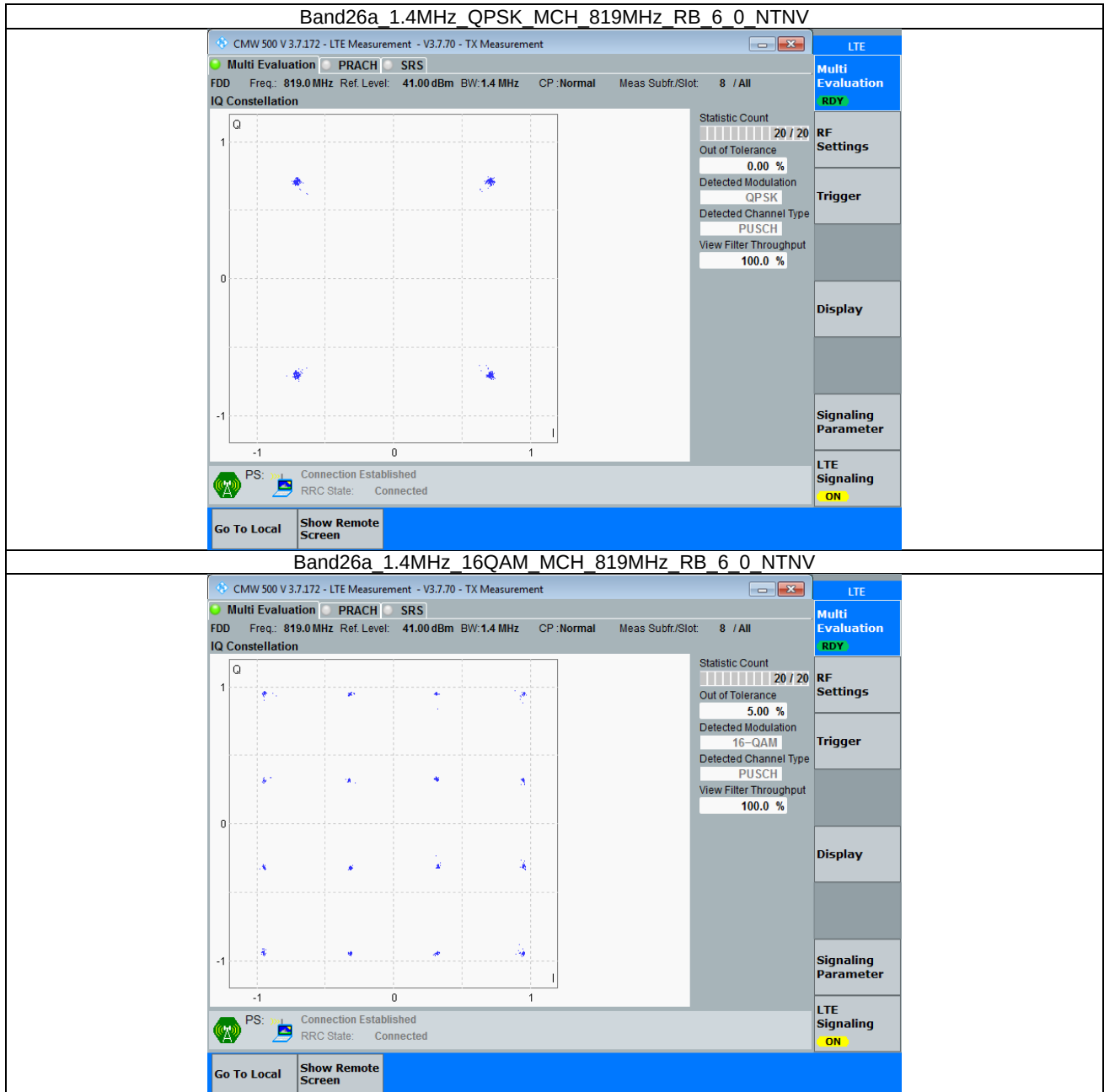
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## 3.1.2 Test Graph

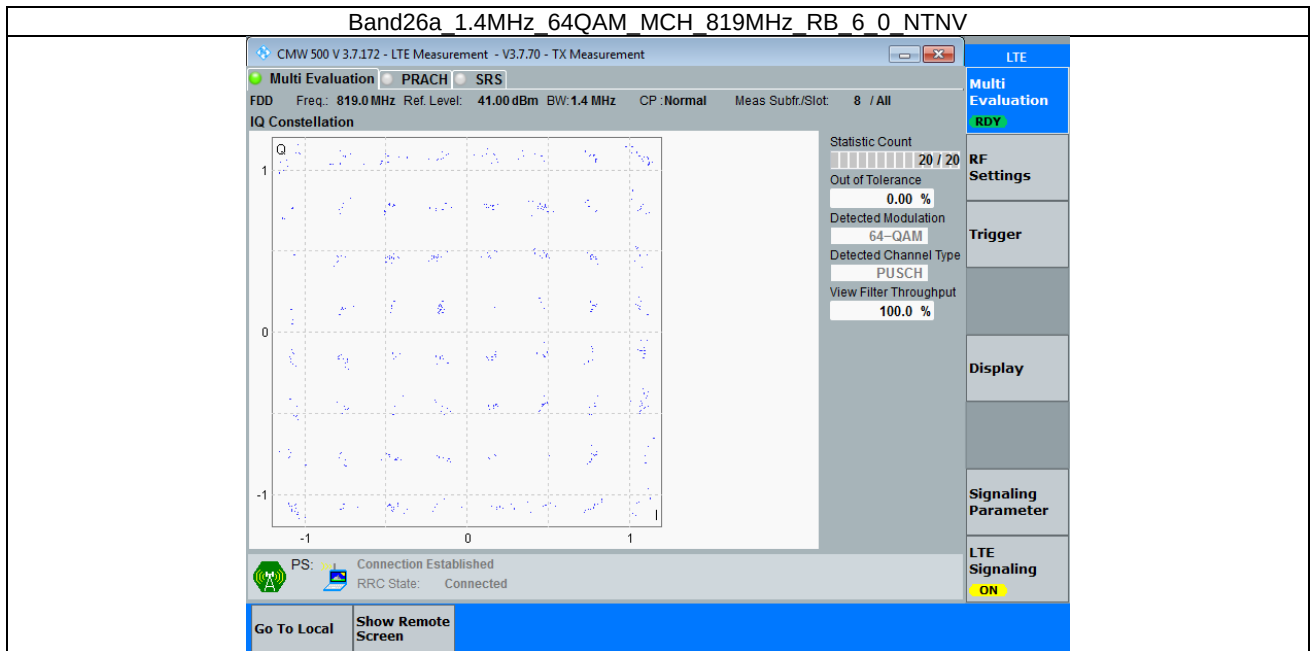


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## 3.2 B26a\_3MHz

### 3.2.1 Test Result

| Band: 26a / Bandwidth: 3MHz / NTV |                 |               |        |                            |       |
|-----------------------------------|-----------------|---------------|--------|----------------------------|-------|
| Modulation                        | Frequency (MHz) | RB Allocation |        | Modulation Characteristics |       |
|                                   |                 | Size          | Offset | Result                     | Limit |
| QPSK                              | 819             | 15            | 0      | Refer To Test Graph        | Pass  |
| 16QAM                             | 819             | 15            | 0      | Refer To Test Graph        | Pass  |
| 64QAM                             | 819             | 15            | 0      | Refer To Test Graph        | Pass  |



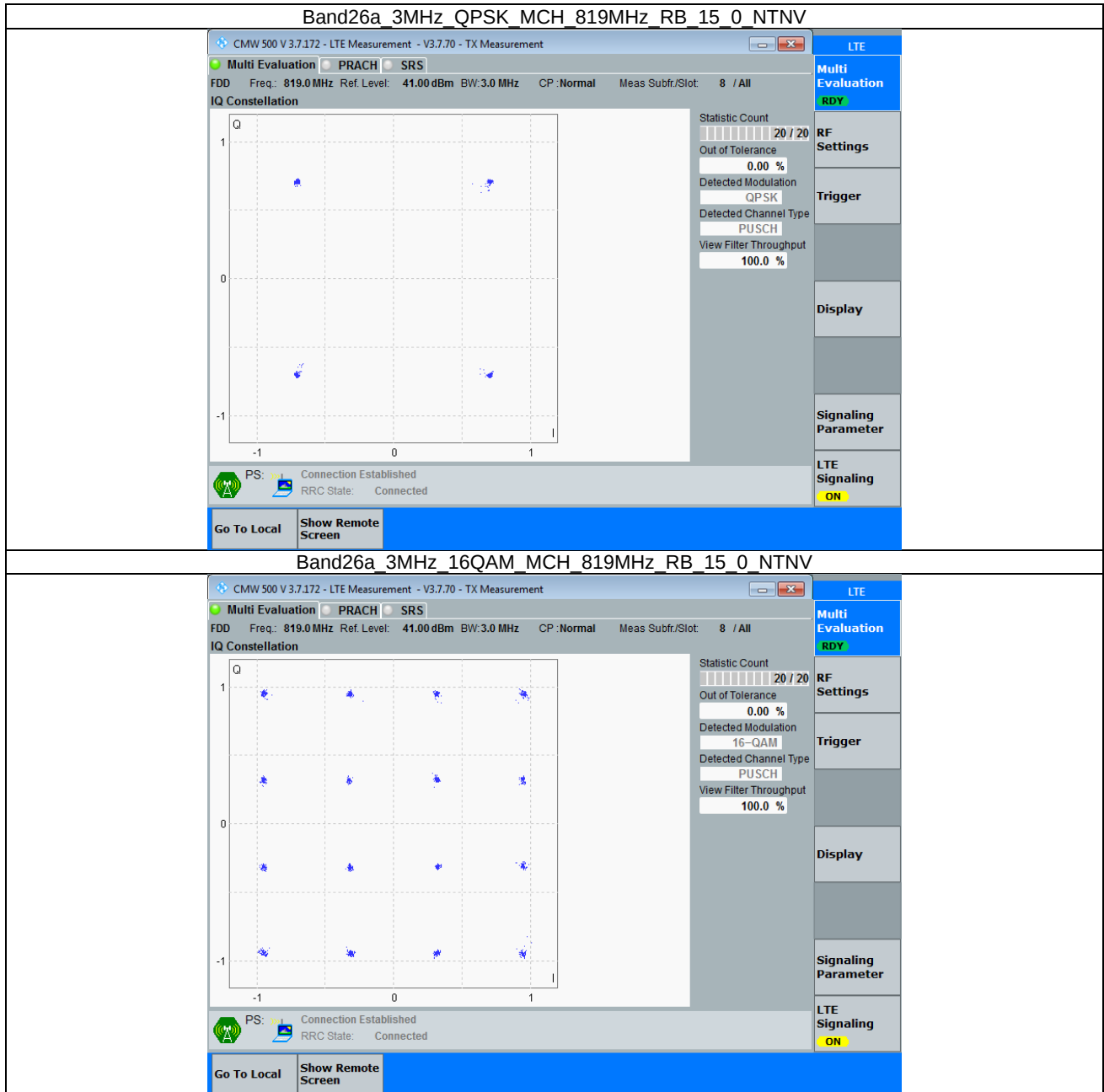
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## 3.2.2 Test Graph

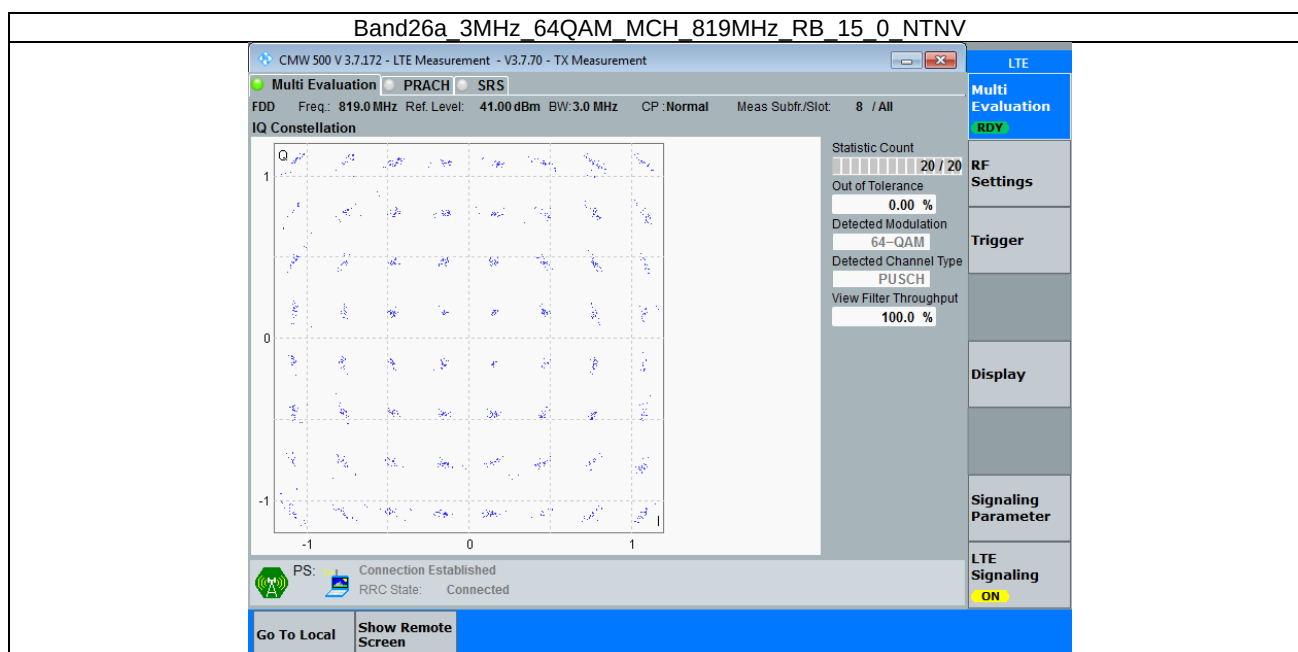


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## 3.3 B26a\_5MHz

### 3.3.1 Test Result

| Band: 26a / Bandwidth: 5MHz / NTV |                 |               |        |                            |       |
|-----------------------------------|-----------------|---------------|--------|----------------------------|-------|
| Modulation                        | Frequency (MHz) | RB Allocation |        | Modulation Characteristics |       |
|                                   |                 | Size          | Offset | Result                     | Limit |
| QPSK                              | 819             | 25            | 0      | Refer To Test Graph        | Pass  |
| 16QAM                             | 819             | 25            | 0      | Refer To Test Graph        | Pass  |
| 64QAM                             | 819             | 25            | 0      | Refer To Test Graph        | Pass  |



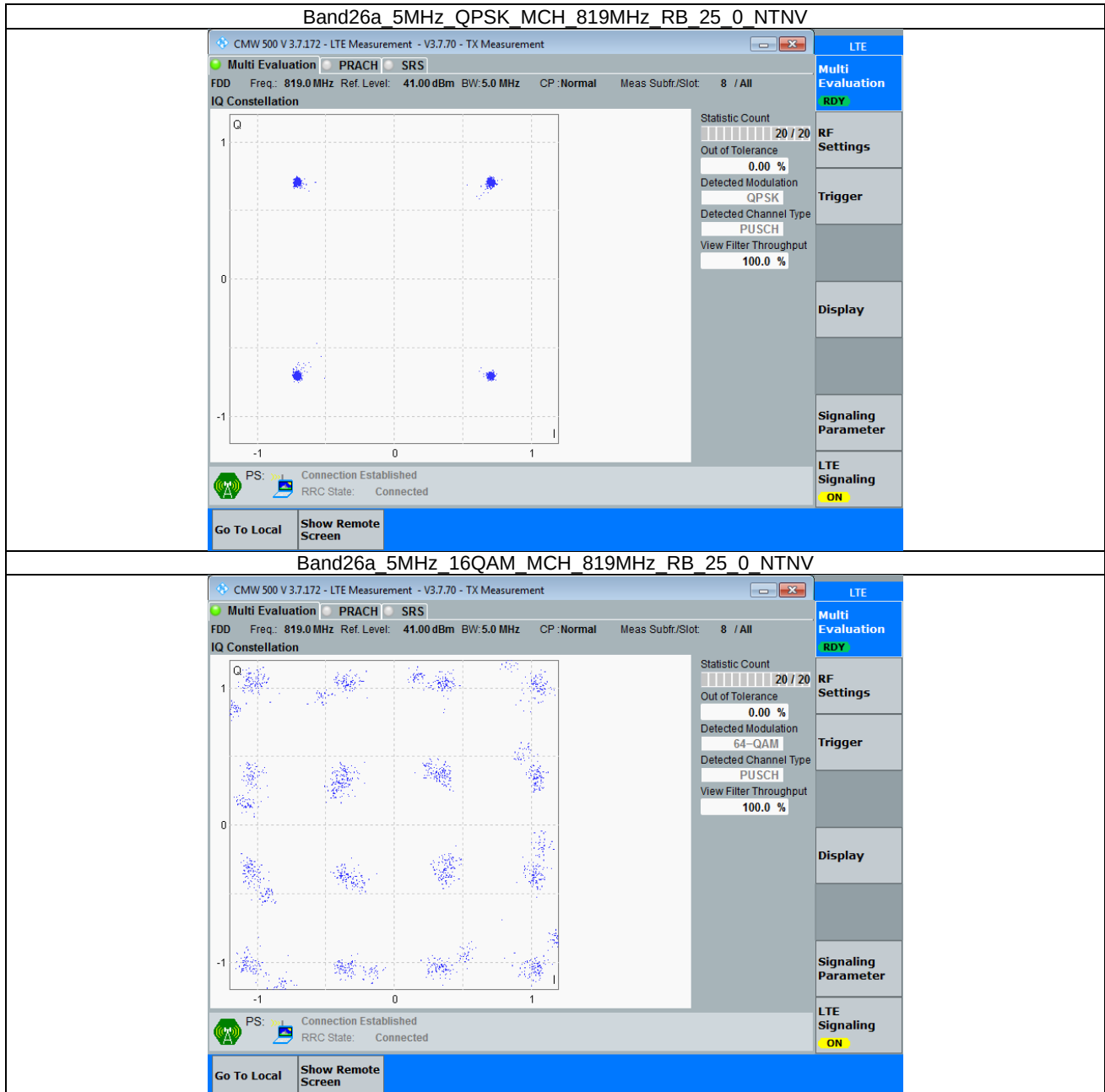
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## 3.3.2 Test Graph

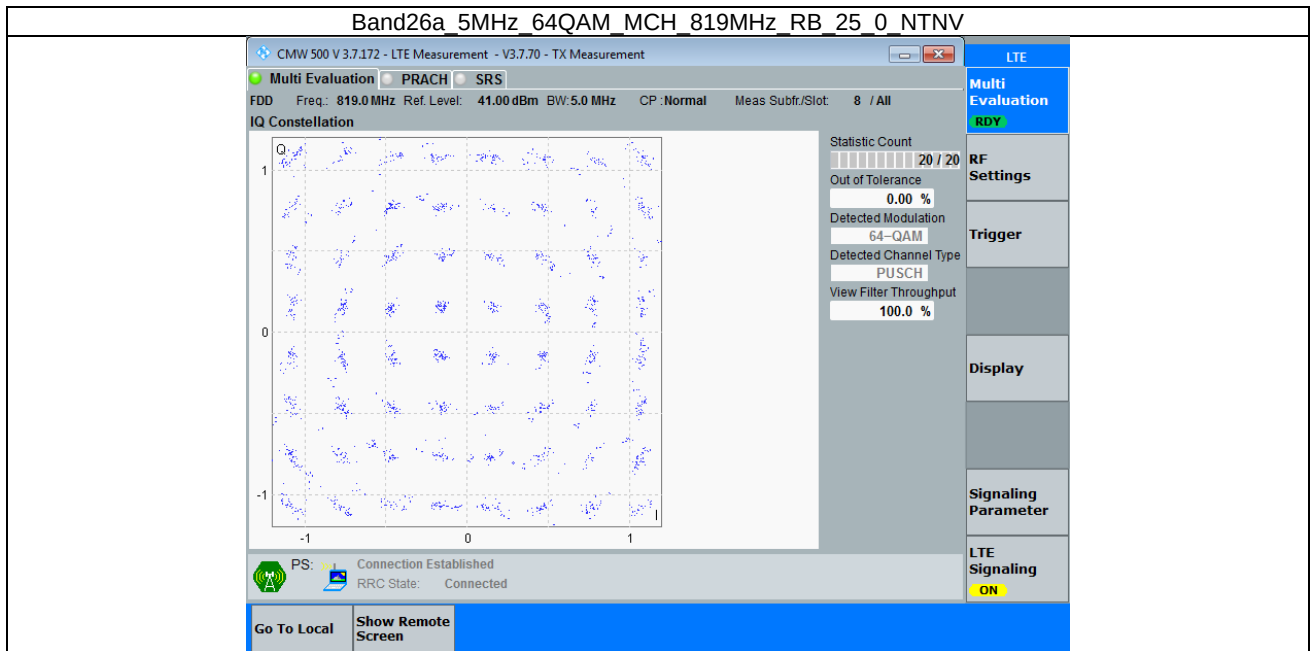


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## 3.4 B26a\_10MHz

### 3.4.1 Test Result

| Band: 26a / Bandwidth: 10MHz / NTN |                 |               |        |                            |       |
|------------------------------------|-----------------|---------------|--------|----------------------------|-------|
| Modulation                         | Frequency (MHz) | RB Allocation |        | Modulation Characteristics |       |
|                                    |                 | Size          | Offset | Result                     | Limit |
| QPSK                               | 819             | 50            | 0      | Refer To Test Graph        | Pass  |
| 16QAM                              | 819             | 50            | 0      | Refer To Test Graph        | Pass  |
| 64QAM                              | 819             | 50            | 0      | Refer To Test Graph        | Pass  |



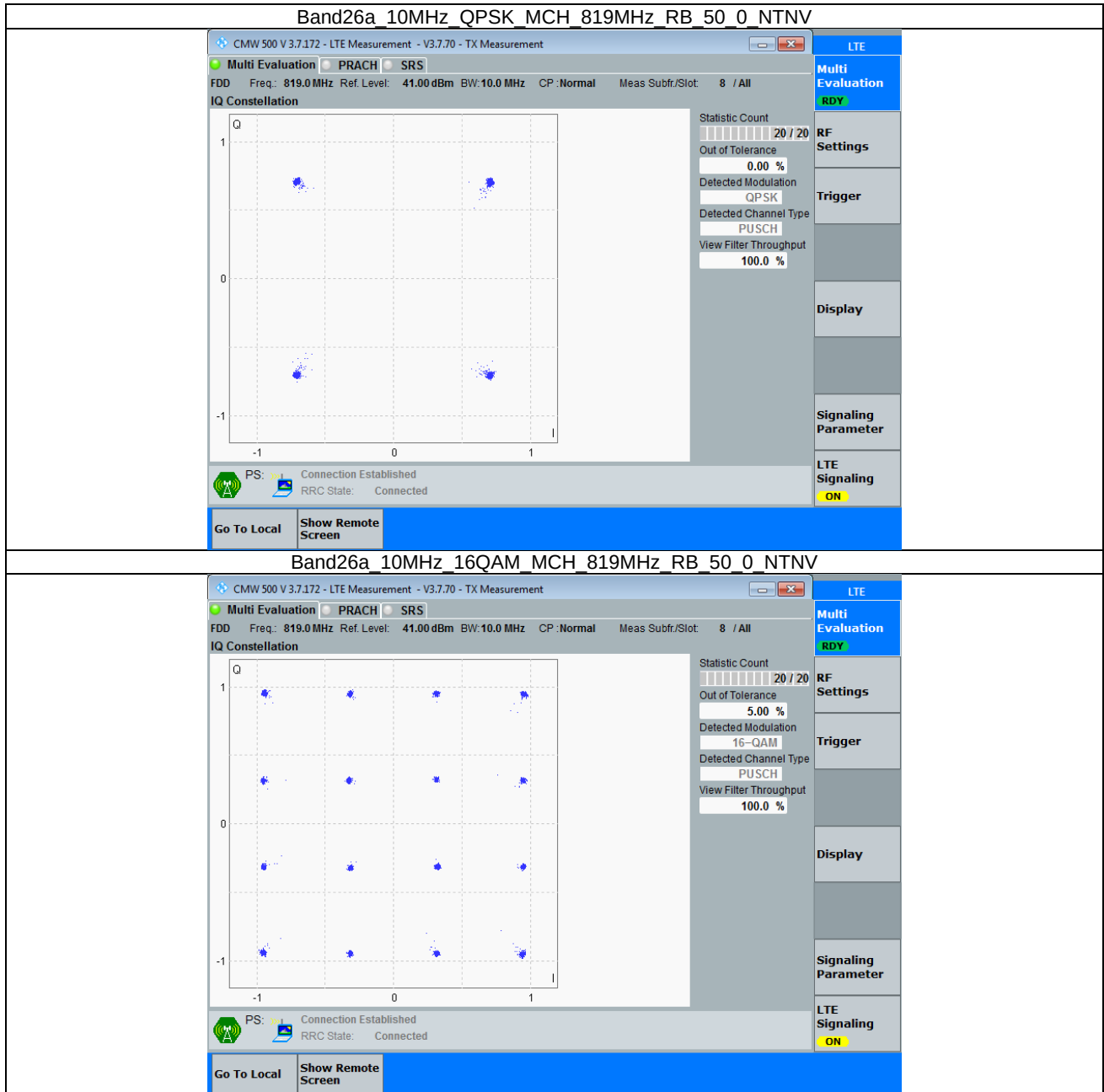
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## 3.4.2 Test Graph

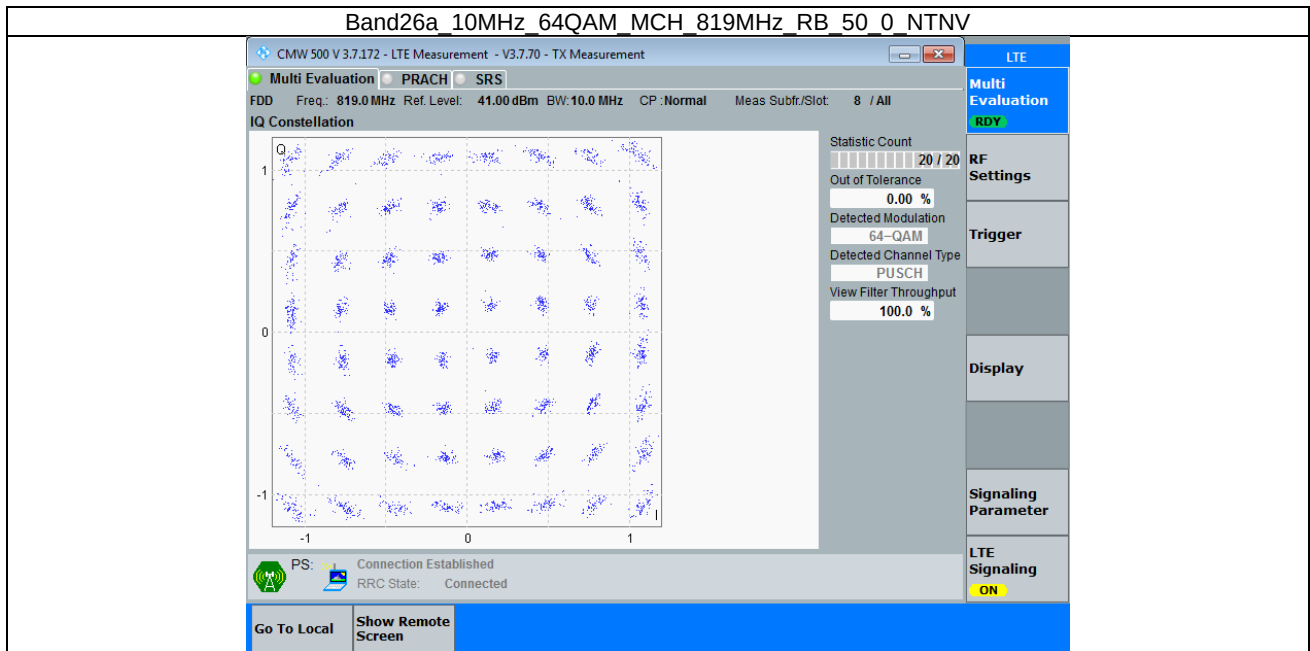


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## 4. 99% & 26dB Bandwidth

### 4.1 Band26a\_OBW

#### 4.1.1 Test Result

| Band: 26a / NTNV |            |                 |               |        |                              |         |
|------------------|------------|-----------------|---------------|--------|------------------------------|---------|
| Bandwidth (MHz)  | Modulation | Frequency (MHz) | RB Allocation |        | 99% Occupied Bandwidth (MHz) | Verdict |
|                  |            |                 | Size          | Offset | Result                       |         |
| 1.4              | QPSK       | 814.7           | 6             | 0      | 1.107                        | Pass    |
|                  |            | 819             | 6             | 0      | 1.114                        | Pass    |
|                  |            | 823.3           | 6             | 0      | 1.114                        | Pass    |
|                  | 16QAM      | 814.7           | 6             | 0      | 1.117                        | Pass    |
|                  |            | 819             | 6             | 0      | 1.110                        | Pass    |
|                  |            | 823.3           | 6             | 0      | 1.109                        | Pass    |
|                  | 64QAM      | 814.7           | 6             | 0      | 1.120                        | Pass    |
|                  |            | 819             | 6             | 0      | 1.117                        | Pass    |
|                  |            | 823.3           | 6             | 0      | 1.120                        | Pass    |
| 3                | QPSK       | 815.5           | 15            | 0      | 2.734                        | Pass    |
|                  |            | 819             | 15            | 0      | 2.732                        | Pass    |
|                  |            | 822.5           | 15            | 0      | 2.738                        | Pass    |
|                  | 16QAM      | 815.5           | 15            | 0      | 2.725                        | Pass    |
|                  |            | 819             | 15            | 0      | 2.732                        | Pass    |
|                  |            | 822.5           | 15            | 0      | 2.738                        | Pass    |
|                  | 64QAM      | 815.5           | 15            | 0      | 2.739                        | Pass    |
|                  |            | 819             | 15            | 0      | 2.723                        | Pass    |
|                  |            | 822.5           | 15            | 0      | 2.736                        | Pass    |
| 5                | QPSK       | 816.5           | 25            | 0      | 4.539                        | Pass    |
|                  |            | 819             | 25            | 0      | 4.547                        | Pass    |
|                  |            | 821.5           | 25            | 0      | 4.562                        | Pass    |
|                  | 16QAM      | 816.5           | 25            | 0      | 4.553                        | Pass    |
|                  |            | 819             | 25            | 0      | 4.552                        | Pass    |
|                  |            | 821.5           | 25            | 0      | 4.562                        | Pass    |
|                  | 64QAM      | 816.5           | 25            | 0      | 4.541                        | Pass    |
|                  |            | 819             | 25            | 0      | 4.544                        | Pass    |
|                  |            | 821.5           | 25            | 0      | 4.553                        | Pass    |
| 10               | QPSK       | 819             | 50            | 0      | 9.050                        | Pass    |
|                  |            | 819             | 50            | 0      | 9.027                        | Pass    |
|                  |            | 819             | 50            | 0      | 9.055                        | Pass    |
|                  | 16QAM      | 819             | 50            | 0      | 9.035                        | Pass    |
|                  |            | 819             | 50            | 0      | 9.029                        | Pass    |
|                  |            | 819             | 50            | 0      | 9.014                        | Pass    |
|                  | 64QAM      | 819             | 50            | 0      | 9.001                        | Pass    |
|                  |            | 819             | 50            | 0      | 9.008                        | Pass    |
|                  |            | 819             | 50            | 0      | 9.010                        | Pass    |



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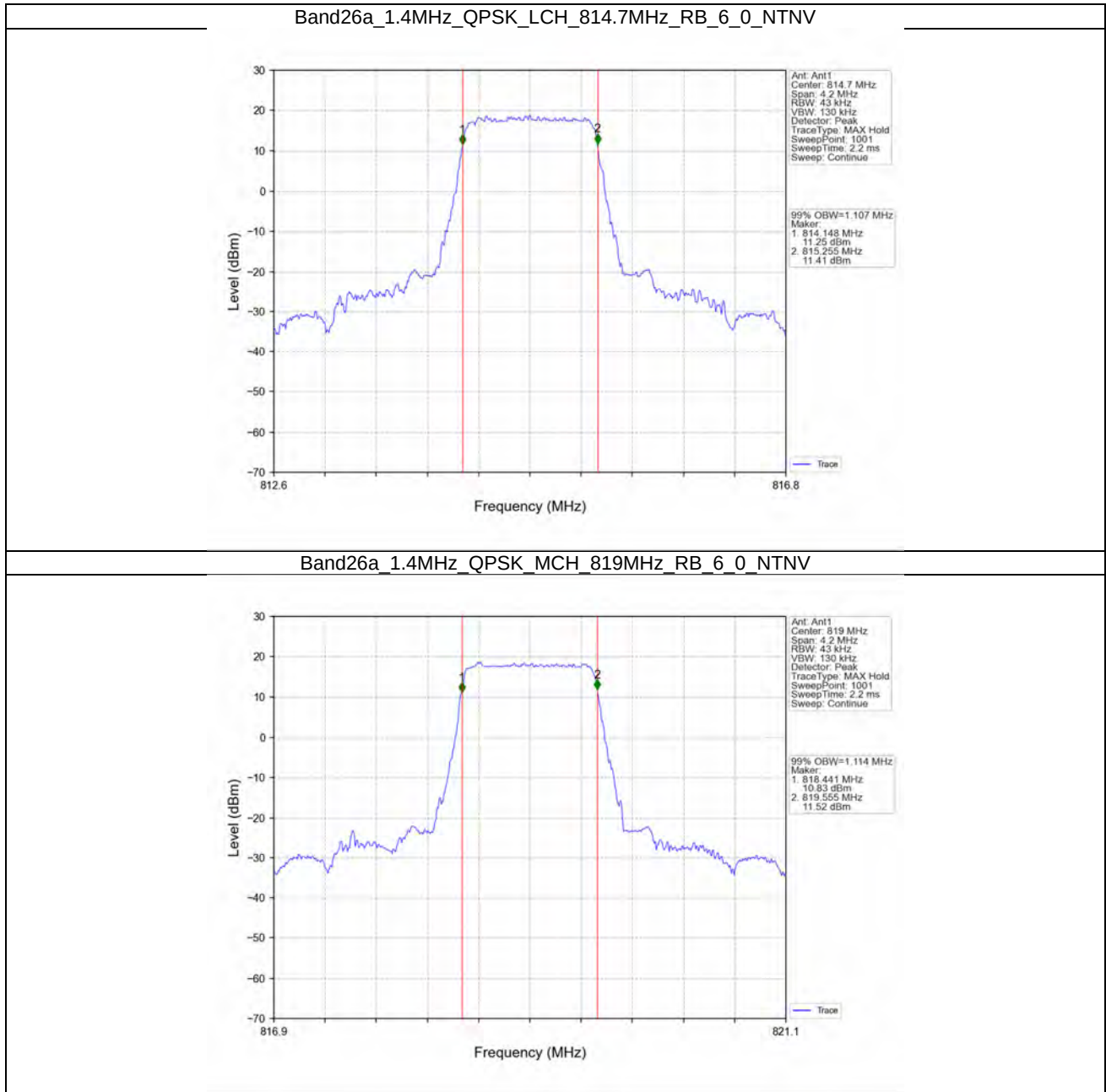
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## 4.1.2 Test Graph



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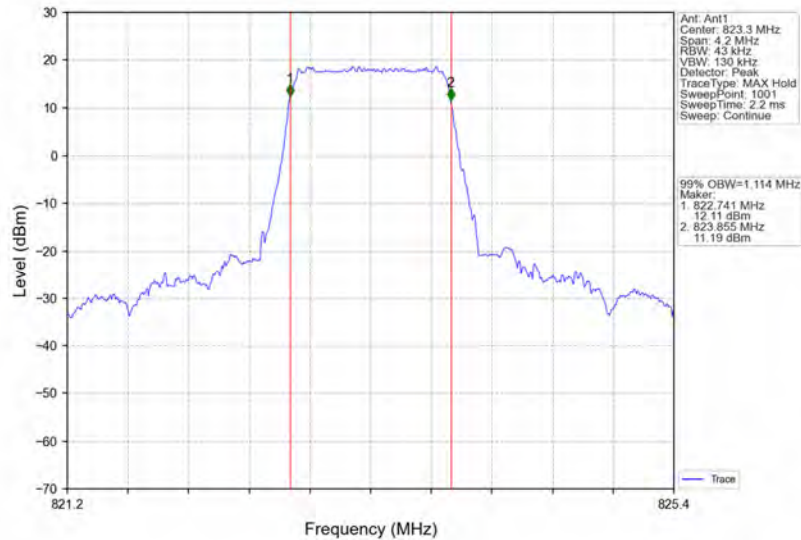
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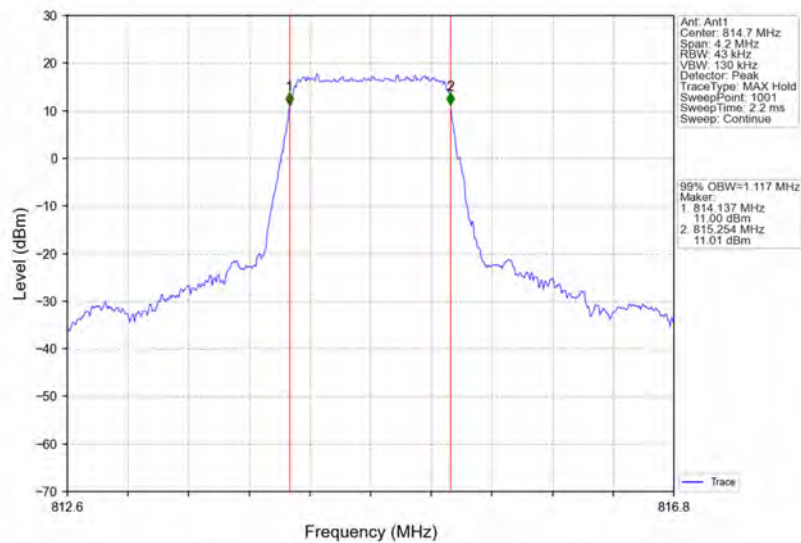
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Band26a\_1.4MHz\_QPSK\_HCH\_823.3MHz\_RB\_6\_0\_NTNV



Band26a\_1.4MHz\_16QAM\_LCH\_814.7MHz\_RB\_6\_0\_NTNV



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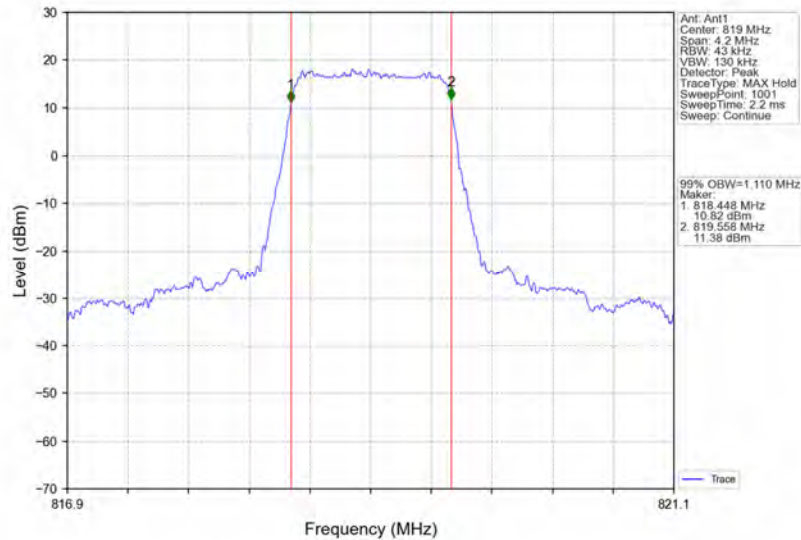
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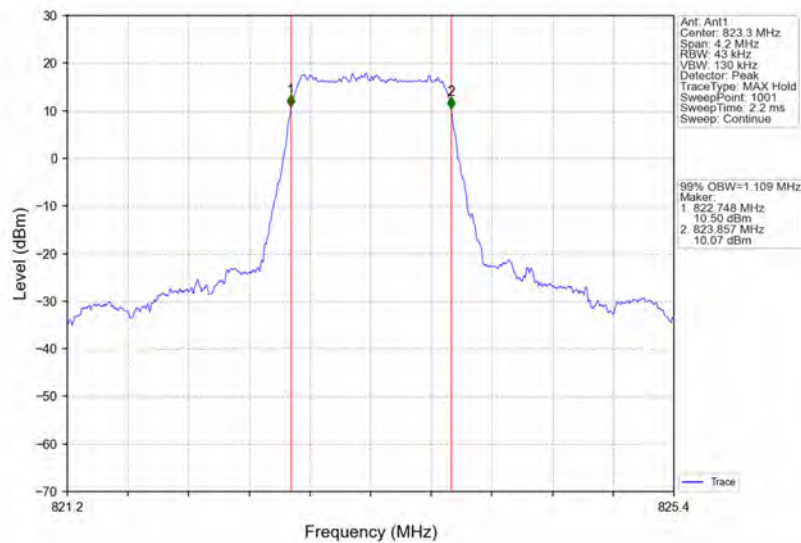
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Band26a\_1.4MHz\_16QAM\_HCH\_823.3MHz\_RB\_6\_0\_NTNV



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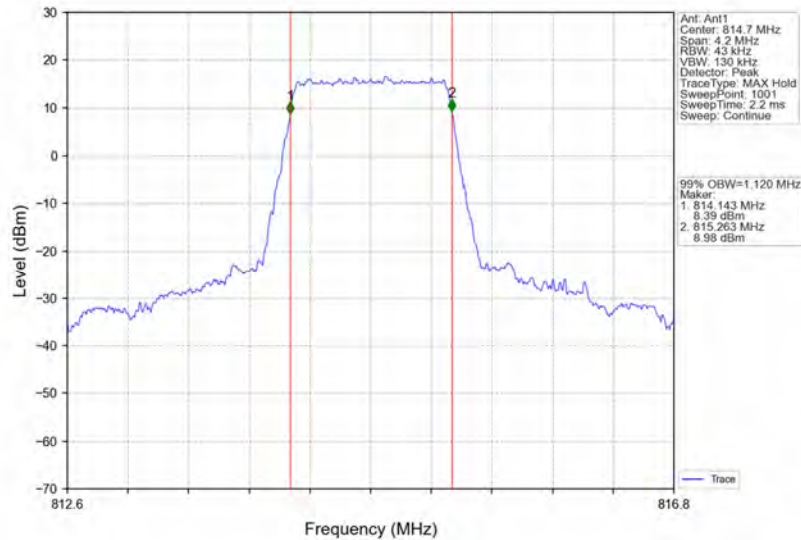
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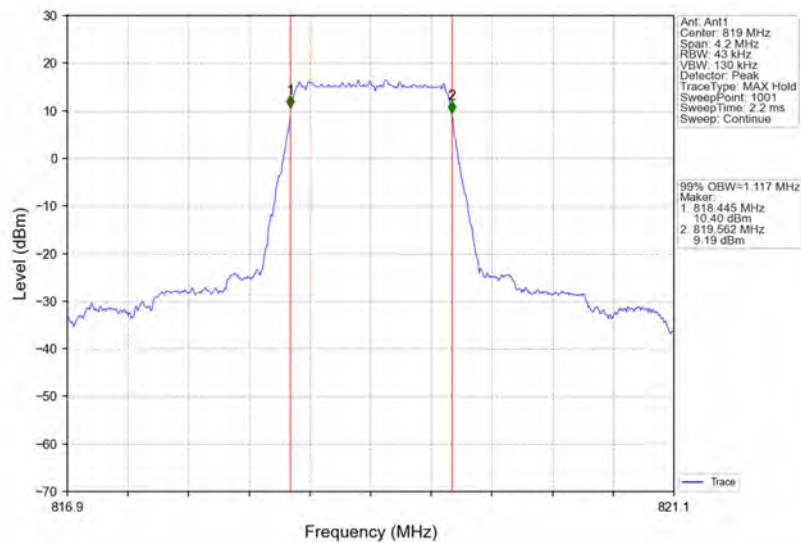
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Band26a\_1.4MHz\_64QAM\_MCH\_819MHz\_RB\_6\_0\_NTNV

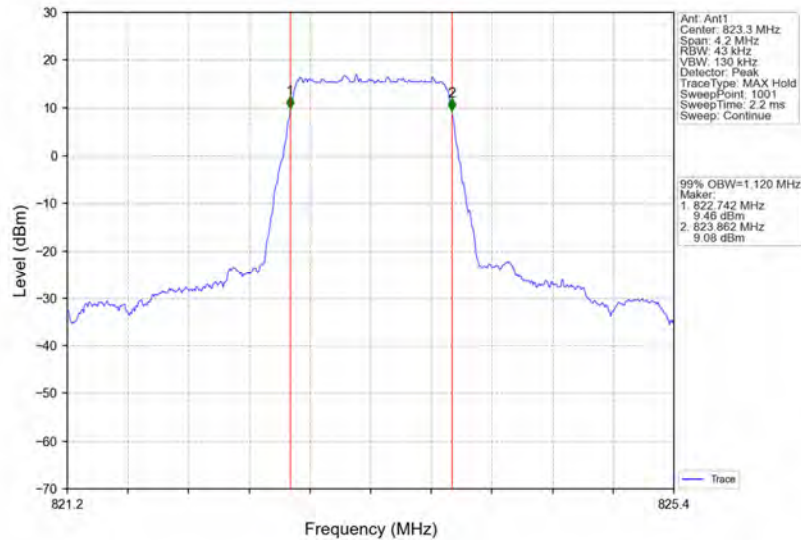


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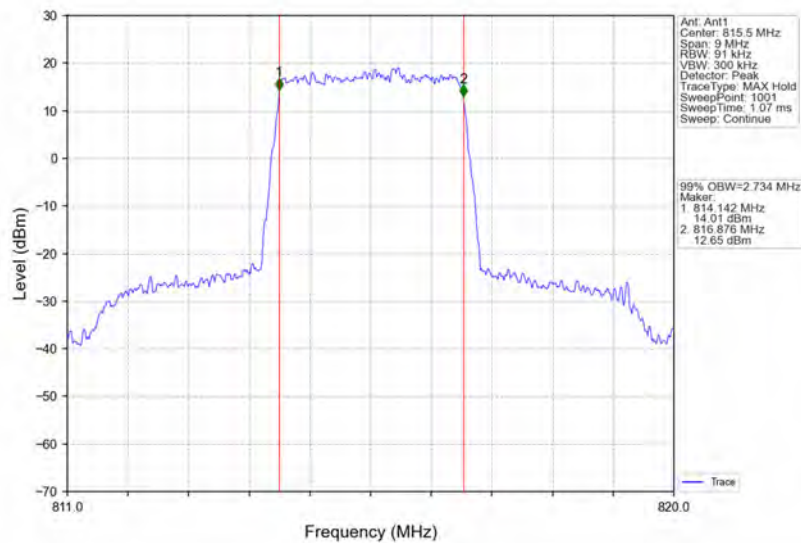
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Band26a\_3MHz\_QPSK\_LCH\_815.5MHz\_RB\_15\_0\_NTNV



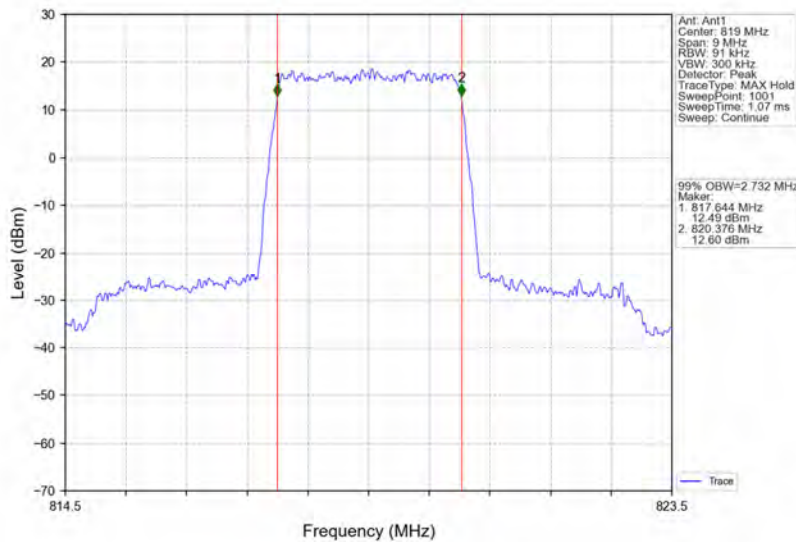
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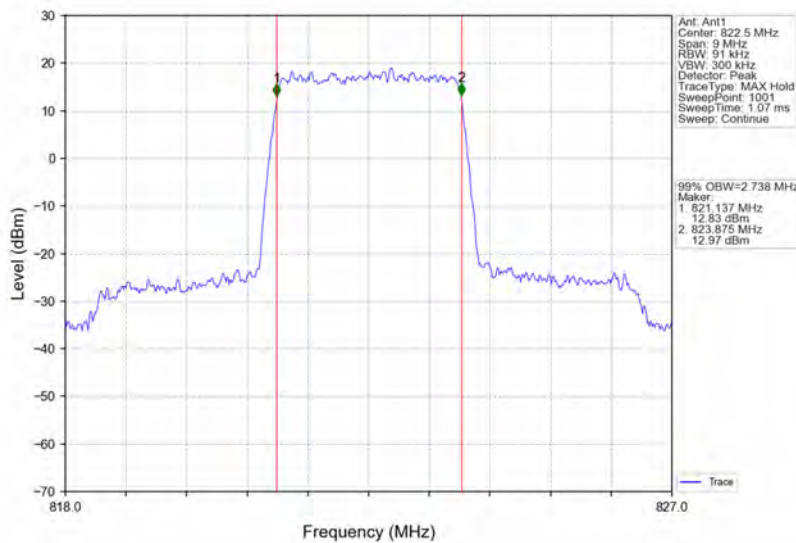
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Band26a\_3MHz\_QPSK\_HCH\_822.5MHz\_RB\_15\_0\_NTNV



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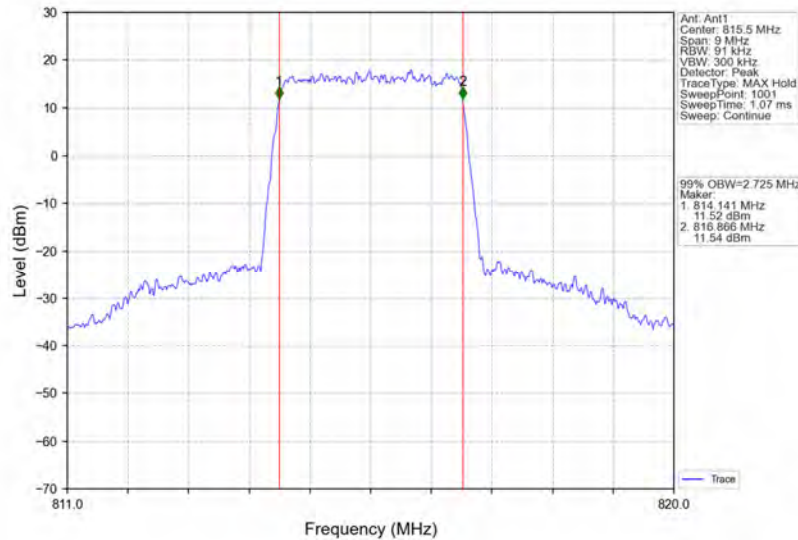
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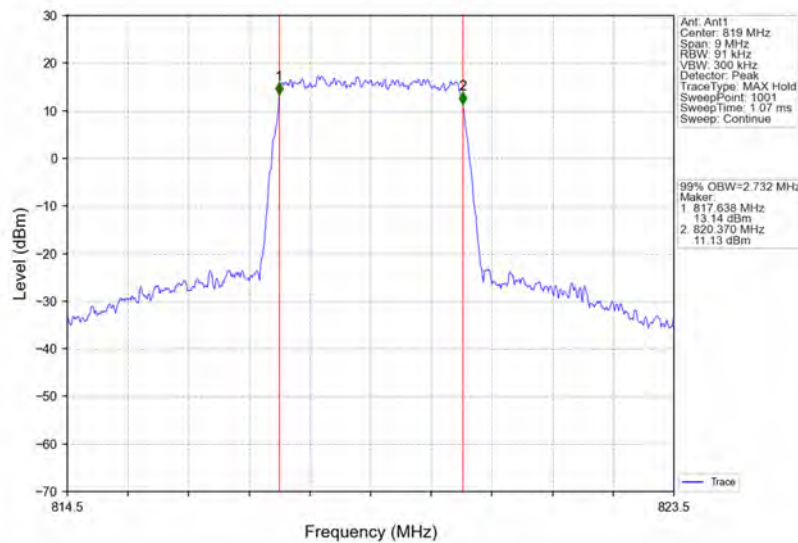
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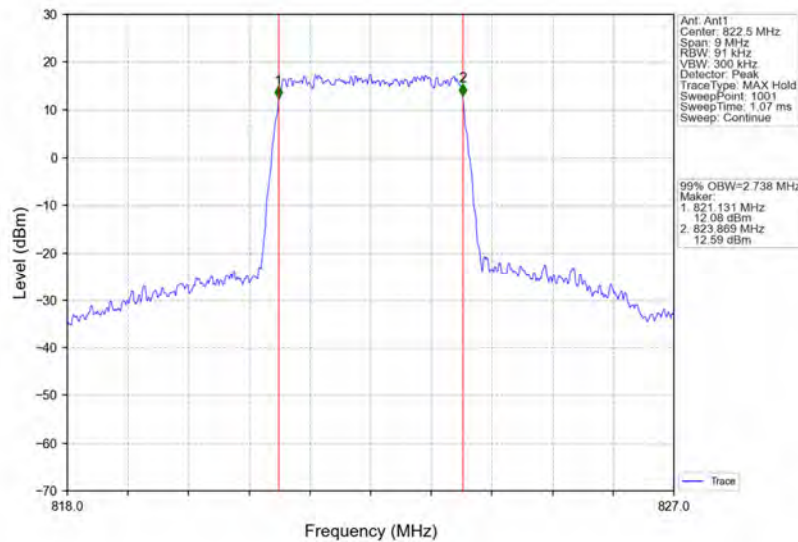
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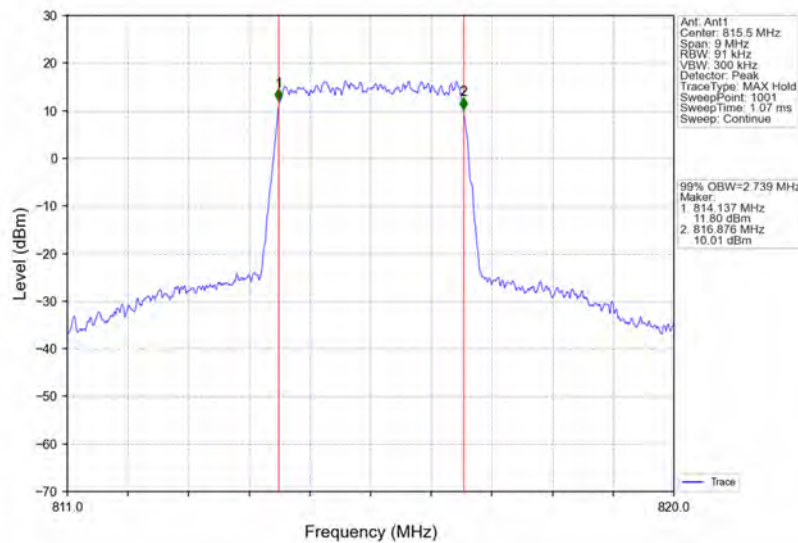
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Band26a\_3MHz\_64QAM\_LCH\_815.5MHz\_RB\_15\_0\_NTNV



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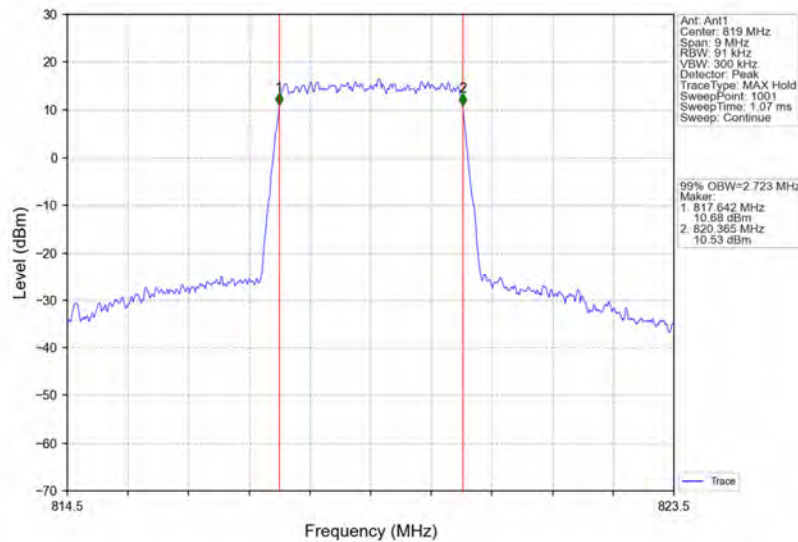
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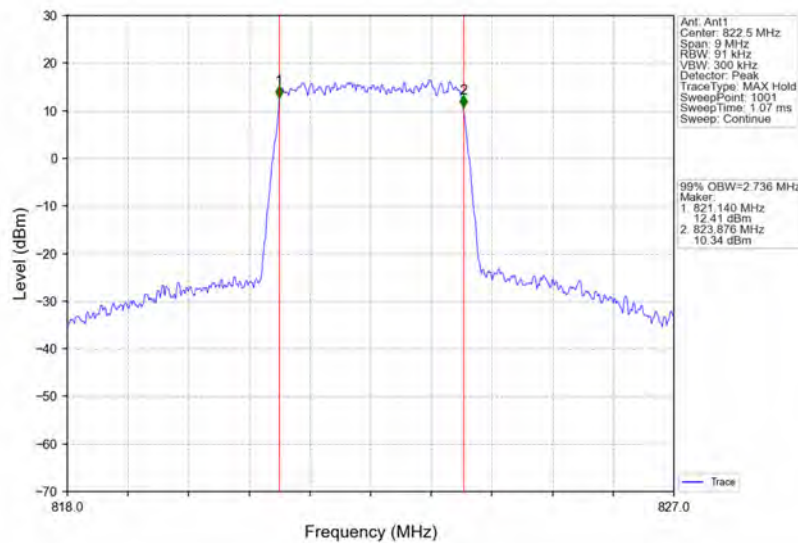
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Band26a\_3MHz\_64QAM\_MCH\_819MHz\_RB\_15\_0\_NTNV



Band26a\_3MHz\_64QAM\_HCH\_822.5MHz\_RB\_15\_0\_NTNV



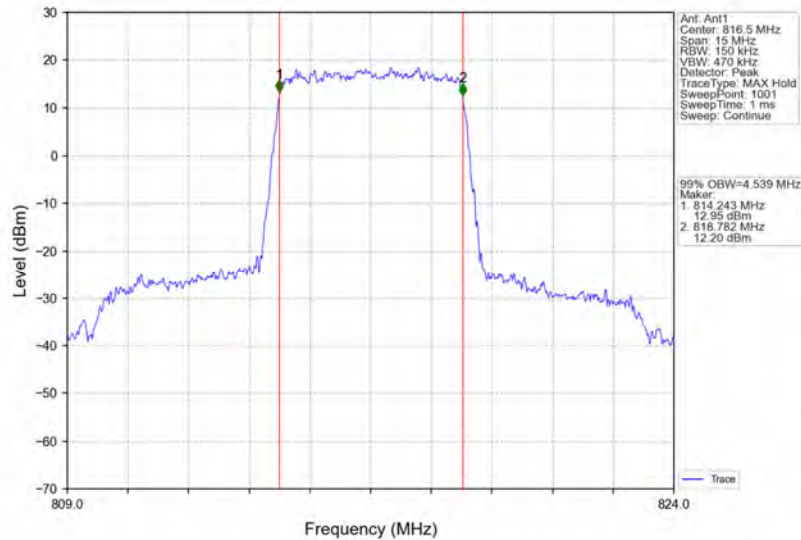
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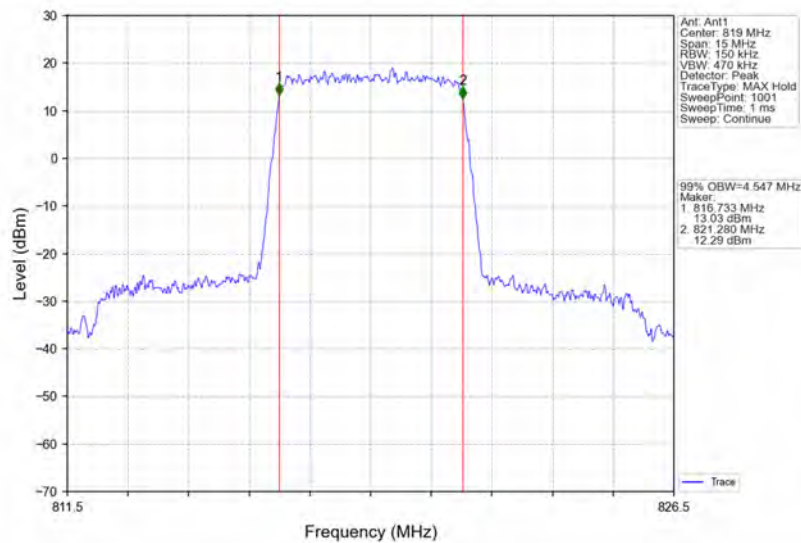
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Band26a\_5MHz\_QPSK\_LCH\_816.5MHz\_RB\_25\_0\_NTNV



Band26a\_5MHz\_QPSK\_MCH\_819MHz\_RB\_25\_0\_NTNV



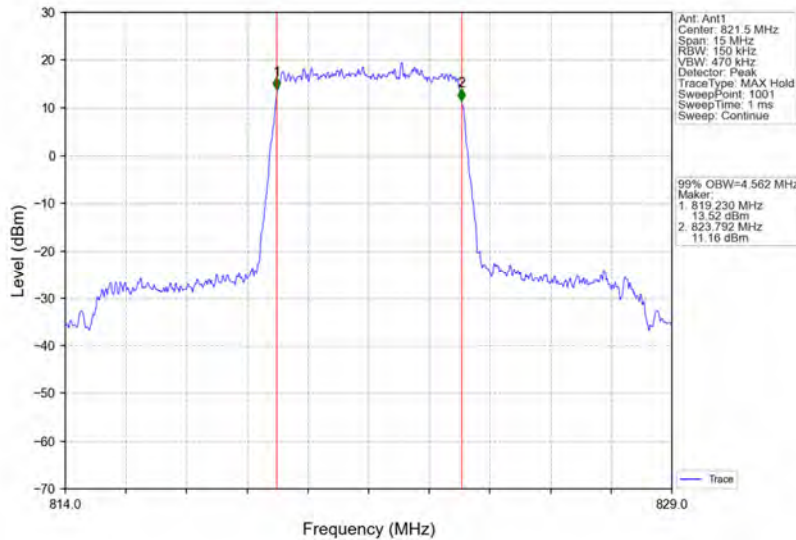
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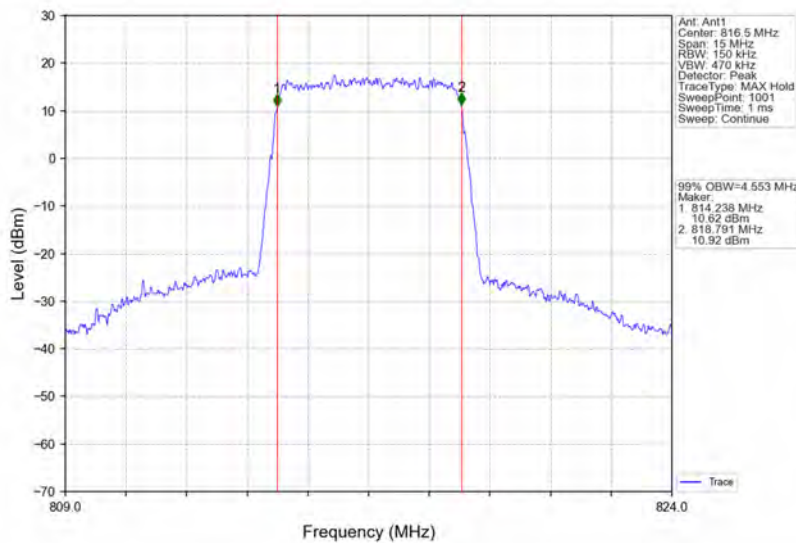
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Band26a\_5MHz\_QPSK\_HCH\_821.5MHz\_RB\_25\_0\_NTNV



Band26a\_5MHz\_16QAM\_LCH\_816.5MHz\_RB\_25\_0\_NTNV



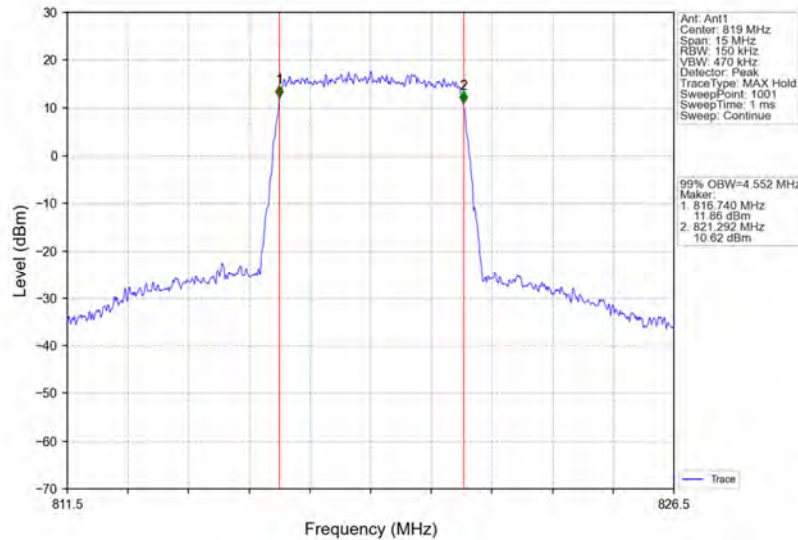
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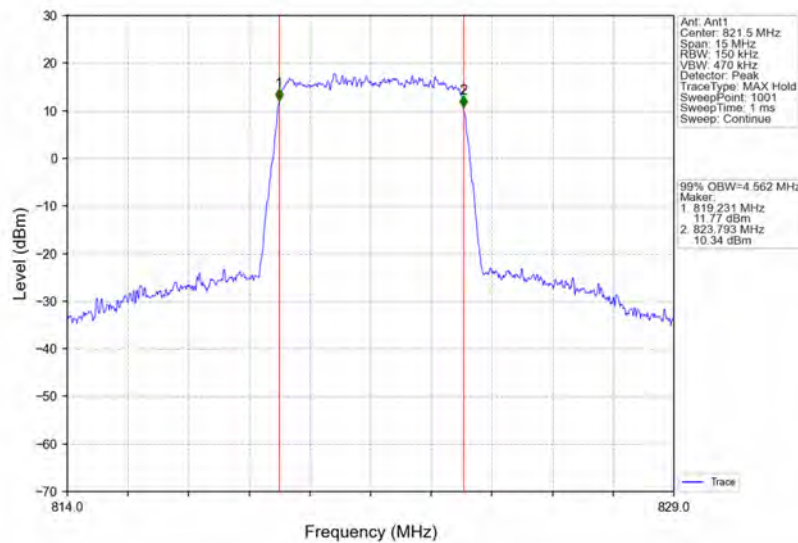
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Band26a\_5MHz\_16QAM\_MCH\_819MHz\_RB\_25\_0\_NTNV



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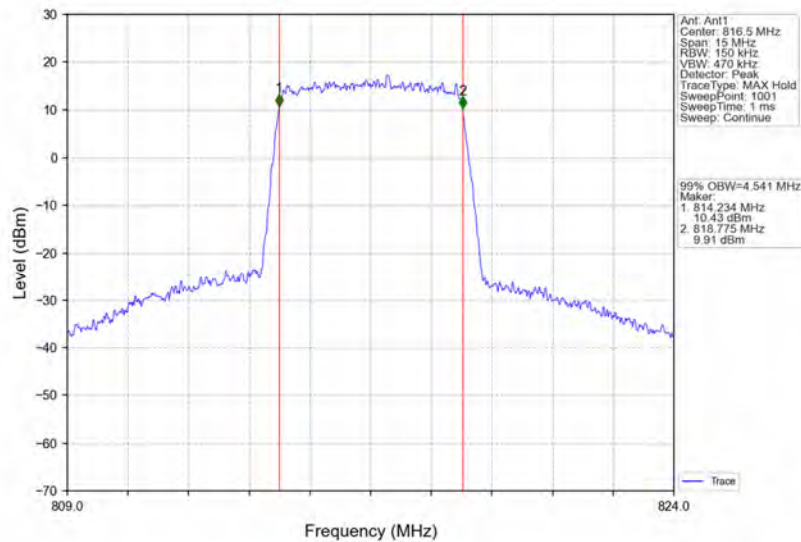
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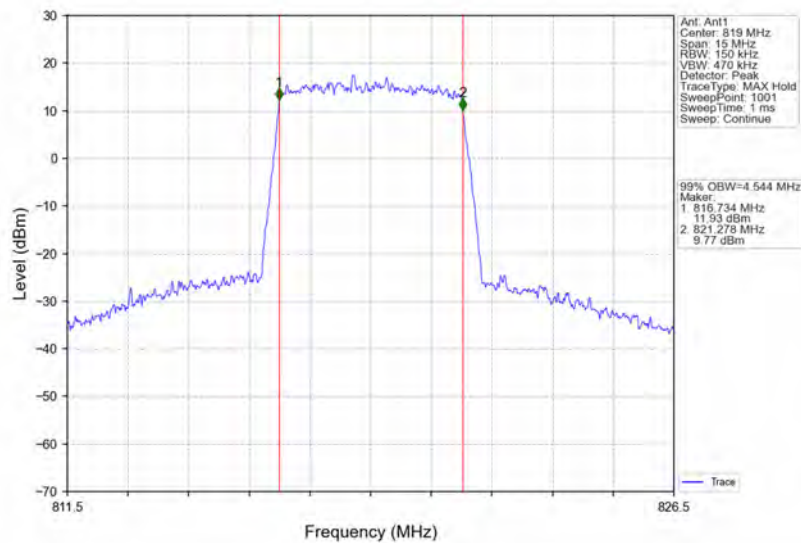
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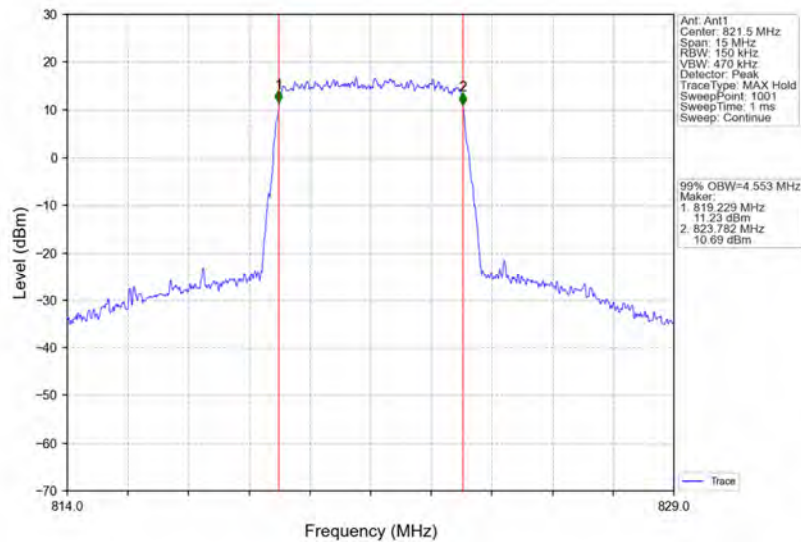
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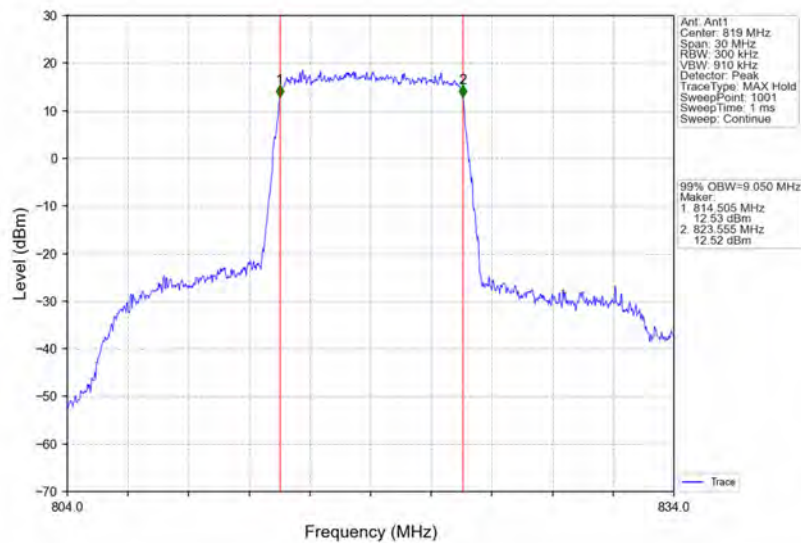
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Band26a\_10MHz\_QPSK\_LCH\_819MHz\_RB\_50\_0\_NTNV



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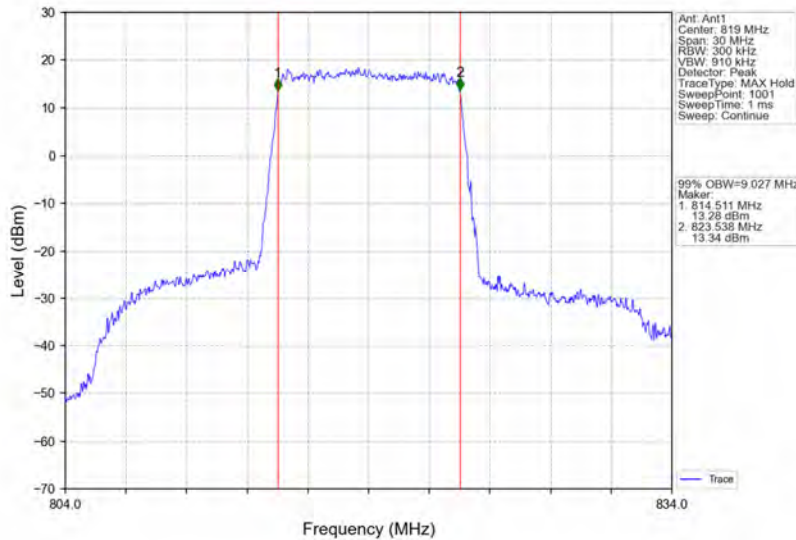
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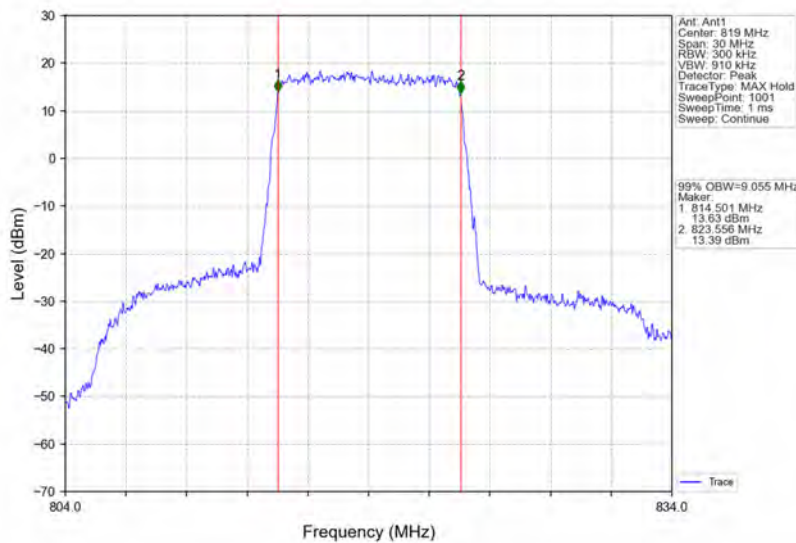
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Band26a\_10MHz\_QPSK\_HCH\_819MHz\_RB\_50\_0\_NTNV



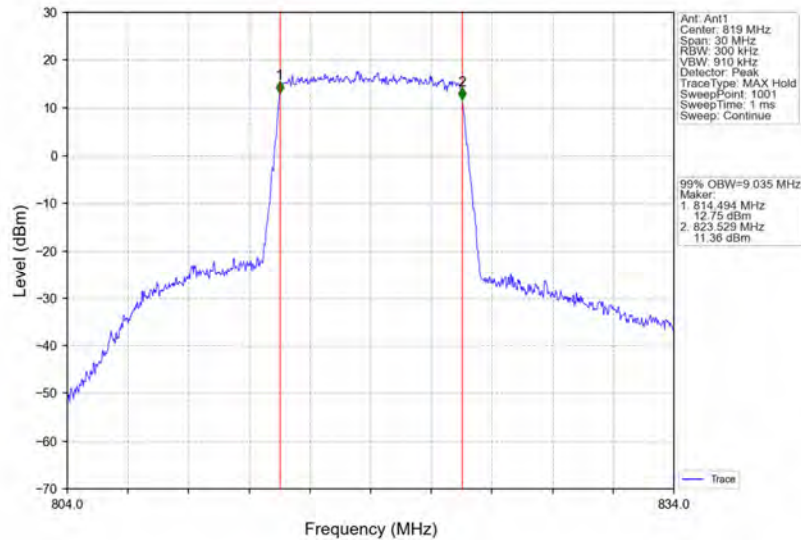
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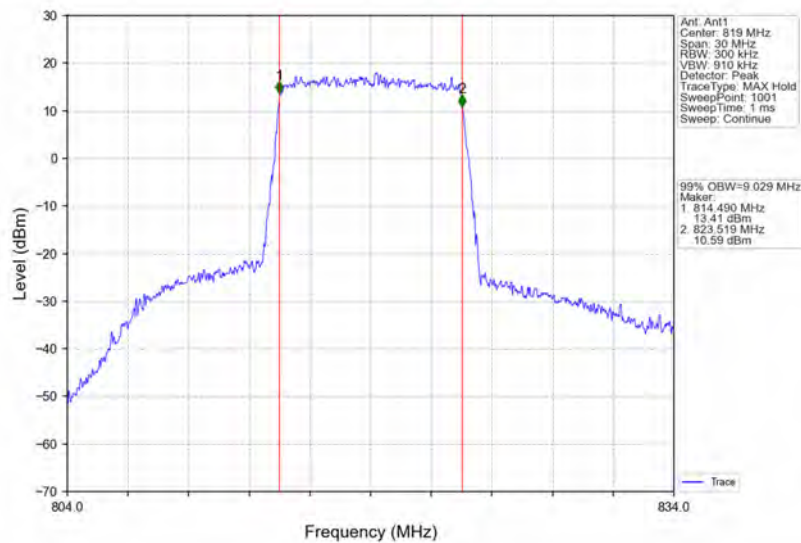
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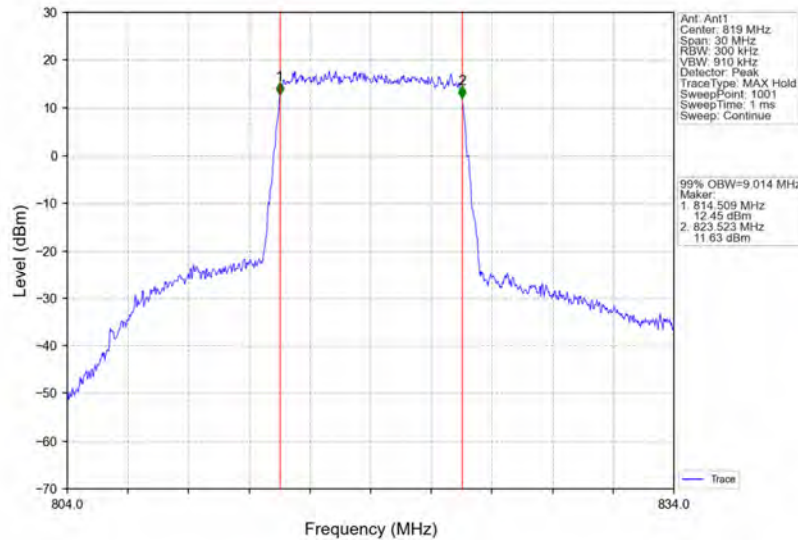
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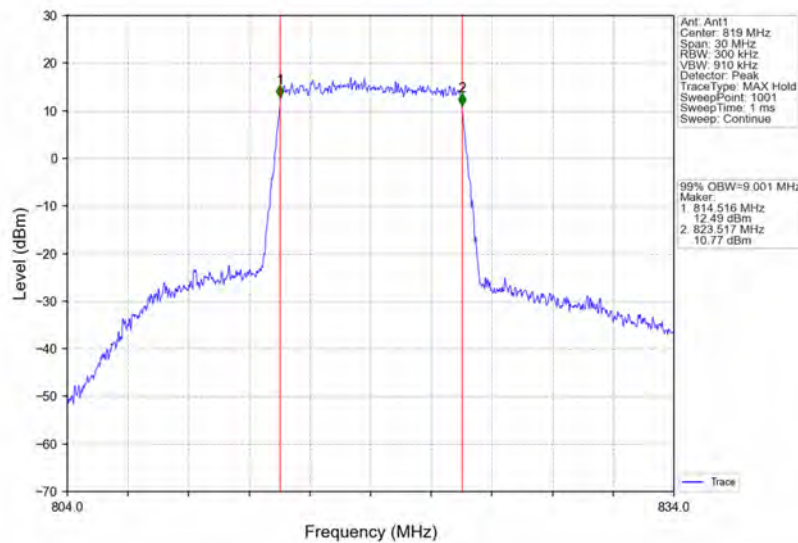
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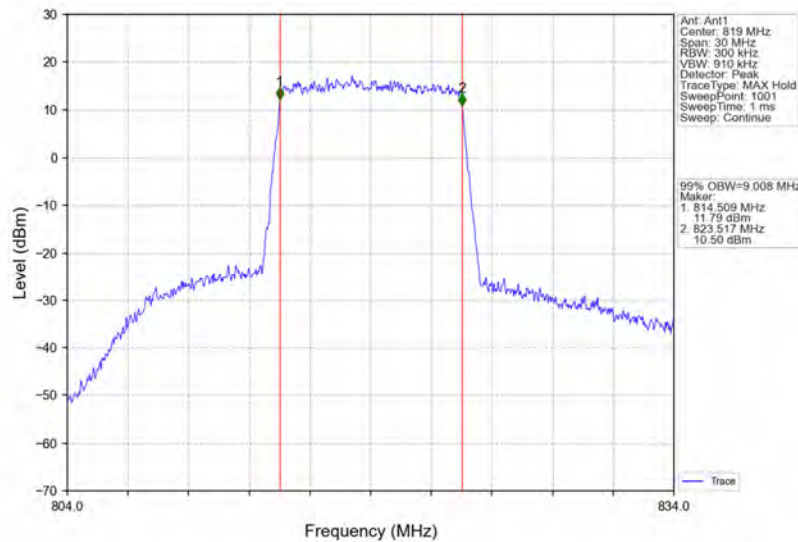


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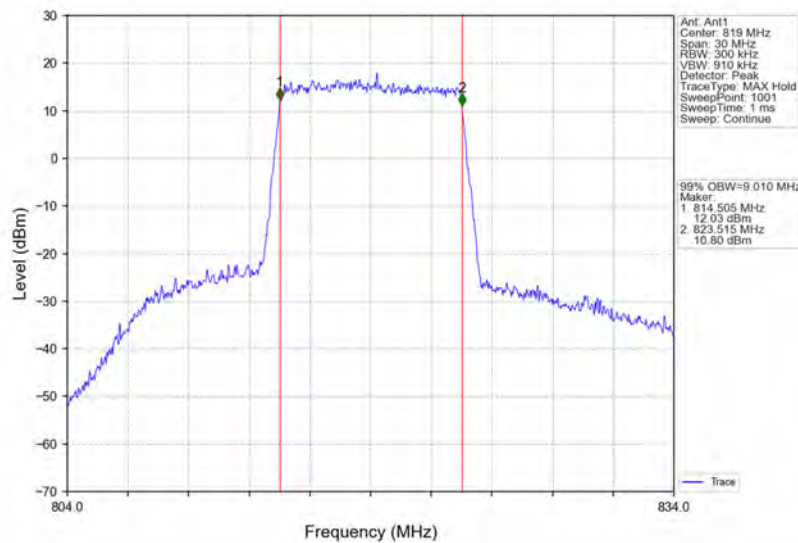
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Band26a\_10MHz\_64QAM\_HCH\_819MHz\_RB\_50\_0\_NTNV



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## 4.2 Band26a\_XDB

### 4.2.1 Test Result

| Band: 26a / NTNV |            |                 |               |        |                             |         |
|------------------|------------|-----------------|---------------|--------|-----------------------------|---------|
| Bandwidth (MHz)  | Modulation | Frequency (MHz) | RB Allocation |        | 26dB Bandwidth (MHz) Result | Verdict |
|                  |            |                 | Size          | Offset |                             |         |
| 1.4              | QPSK       | 814.7           | 6             | 0      | 1.313                       | Pass    |
|                  |            | 819             | 6             | 0      | 1.327                       | Pass    |
|                  |            | 823.3           | 6             | 0      | 1.326                       | Pass    |
|                  | 16QAM      | 814.7           | 6             | 0      | 1.330                       | Pass    |
|                  |            | 819             | 6             | 0      | 1.328                       | Pass    |
|                  |            | 823.3           | 6             | 0      | 1.319                       | Pass    |
|                  | 64QAM      | 814.7           | 6             | 0      | 1.329                       | Pass    |
|                  |            | 819             | 6             | 0      | 1.342                       | Pass    |
|                  |            | 823.3           | 6             | 0      | 1.331                       | Pass    |
| 3                | QPSK       | 815.5           | 15            | 0      | 3.043                       | Pass    |
|                  |            | 819             | 15            | 0      | 3.064                       | Pass    |
|                  |            | 822.5           | 15            | 0      | 3.047                       | Pass    |
|                  | 16QAM      | 815.5           | 15            | 0      | 3.052                       | Pass    |
|                  |            | 819             | 15            | 0      | 3.053                       | Pass    |
|                  |            | 822.5           | 15            | 0      | 3.064                       | Pass    |
|                  | 64QAM      | 815.5           | 15            | 0      | 3.041                       | Pass    |
|                  |            | 819             | 15            | 0      | 3.038                       | Pass    |
|                  |            | 822.5           | 15            | 0      | 3.039                       | Pass    |
| 5                | QPSK       | 816.5           | 25            | 0      | 5.074                       | Pass    |
|                  |            | 819             | 25            | 0      | 5.070                       | Pass    |
|                  |            | 821.5           | 25            | 0      | 5.056                       | Pass    |
|                  | 16QAM      | 816.5           | 25            | 0      | 5.077                       | Pass    |
|                  |            | 819             | 25            | 0      | 5.043                       | Pass    |
|                  |            | 821.5           | 25            | 0      | 5.089                       | Pass    |
|                  | 64QAM      | 816.5           | 25            | 0      | 5.050                       | Pass    |
|                  |            | 819             | 25            | 0      | 5.055                       | Pass    |
|                  |            | 821.5           | 25            | 0      | 5.100                       | Pass    |
| 10               | QPSK       | 819             | 50            | 0      | 10.033                      | Pass    |
|                  |            | 819             | 50            | 0      | 10.068                      | Pass    |
|                  |            | 819             | 50            | 0      | 10.045                      | Pass    |
|                  | 16QAM      | 819             | 50            | 0      | 9.993                       | Pass    |
|                  |            | 819             | 50            | 0      | 9.980                       | Pass    |
|                  |            | 819             | 50            | 0      | 9.965                       | Pass    |
|                  | 64QAM      | 819             | 50            | 0      | 10.017                      | Pass    |
|                  |            | 819             | 50            | 0      | 9.961                       | Pass    |
|                  |            | 819             | 50            | 0      | 9.976                       | Pass    |



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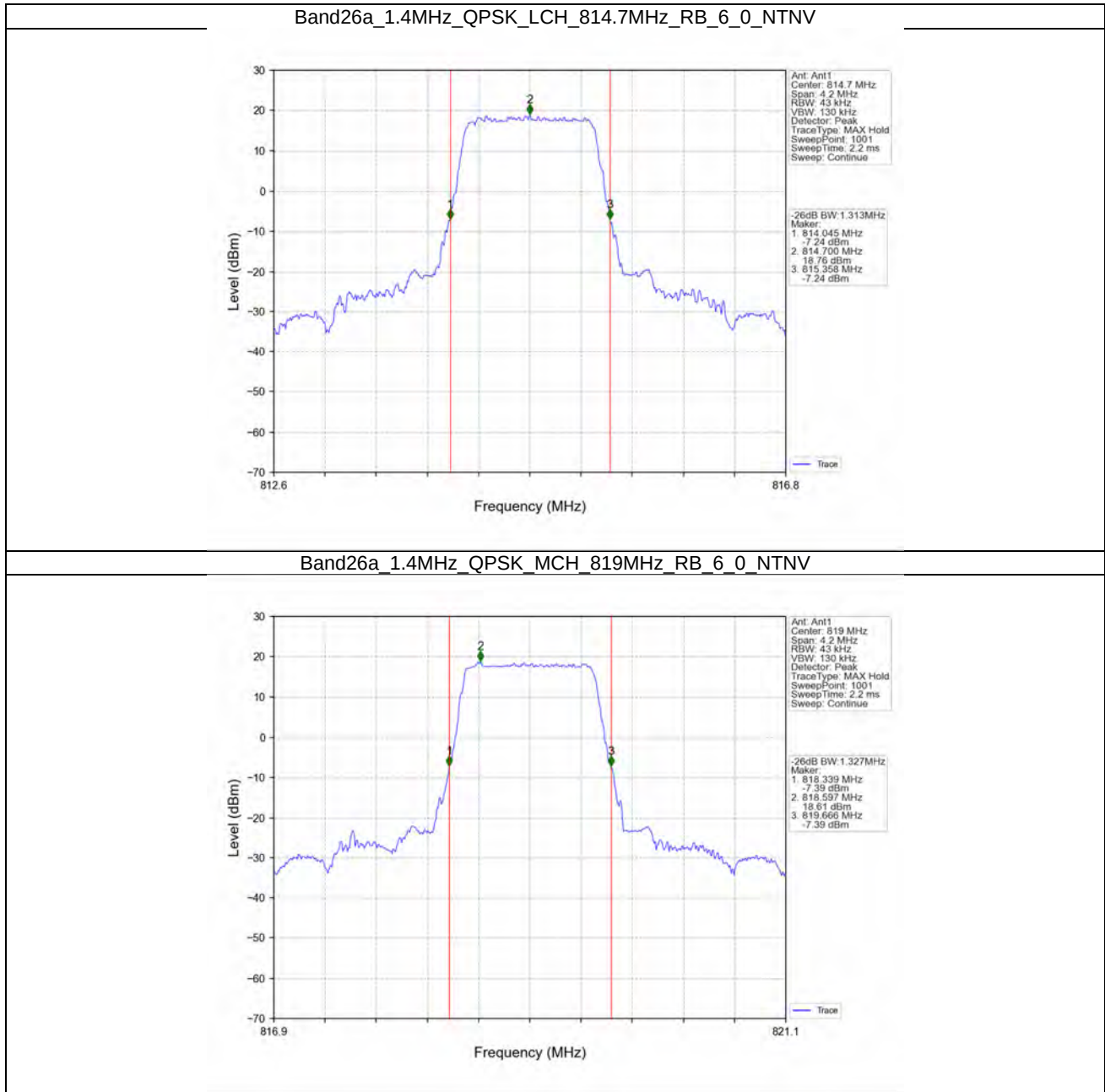
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## 4.2.2 Test Graph



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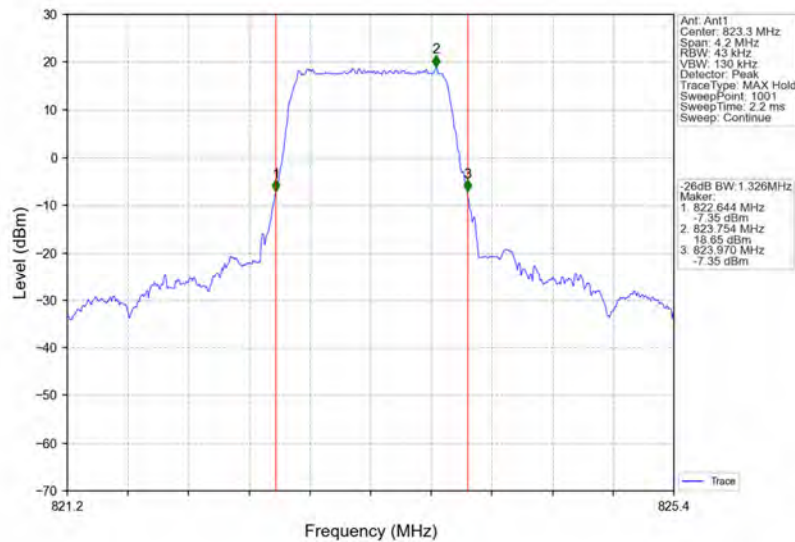
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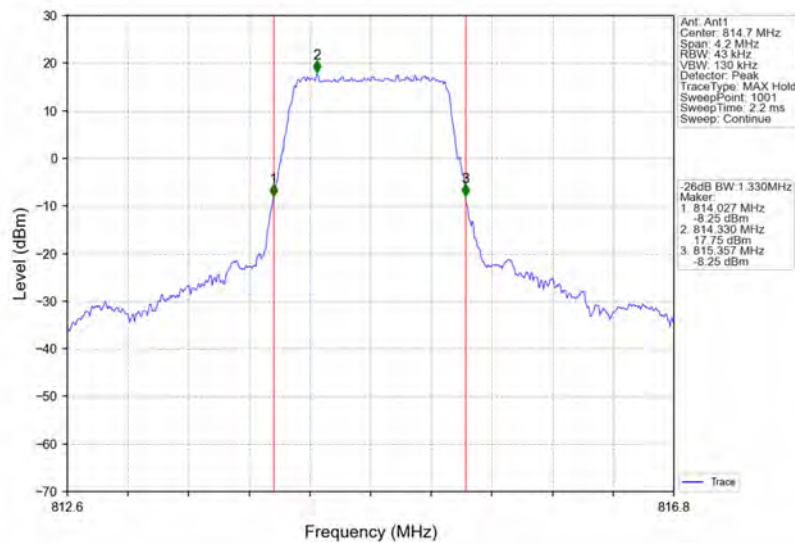
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Band26a\_1.4MHz\_QPSK\_HCH\_823.3MHz\_RB\_6\_0\_NTNV



Band26a\_1.4MHz\_16QAM\_LCH\_814.7MHz\_RB\_6\_0\_NTNV



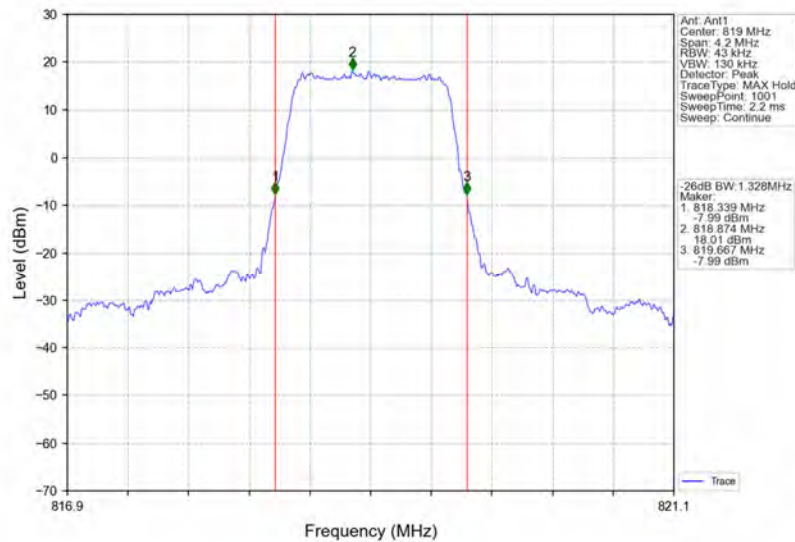
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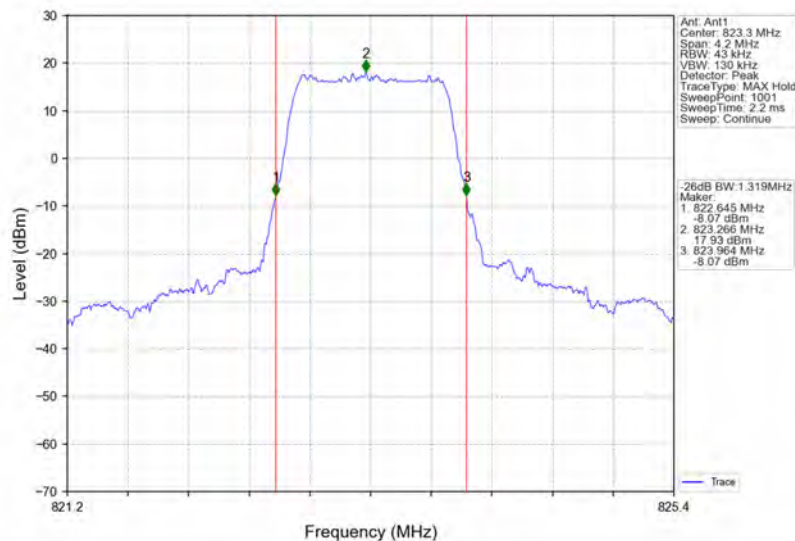
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Band26a\_1.4MHz\_16QAM\_MCH\_819MHz\_RB\_6\_0\_NTNV



Band26a\_1.4MHz\_16QAM\_HCH\_823.3MHz\_RB\_6\_0\_NTNV



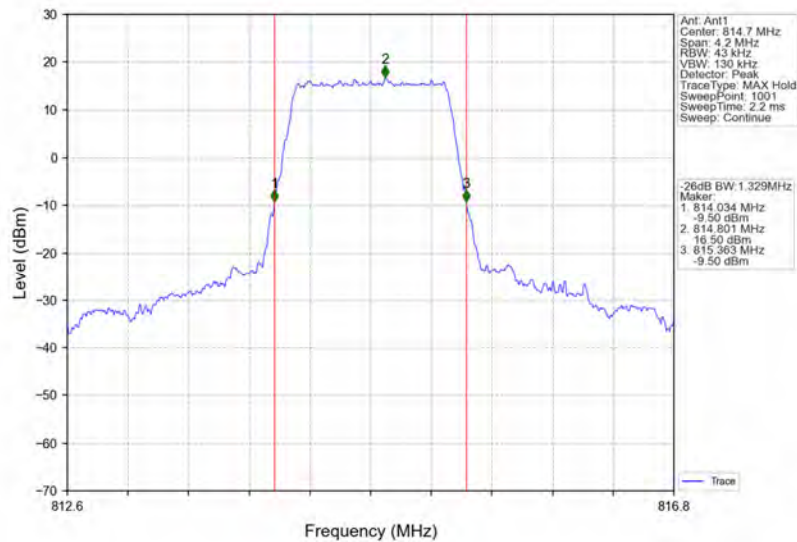
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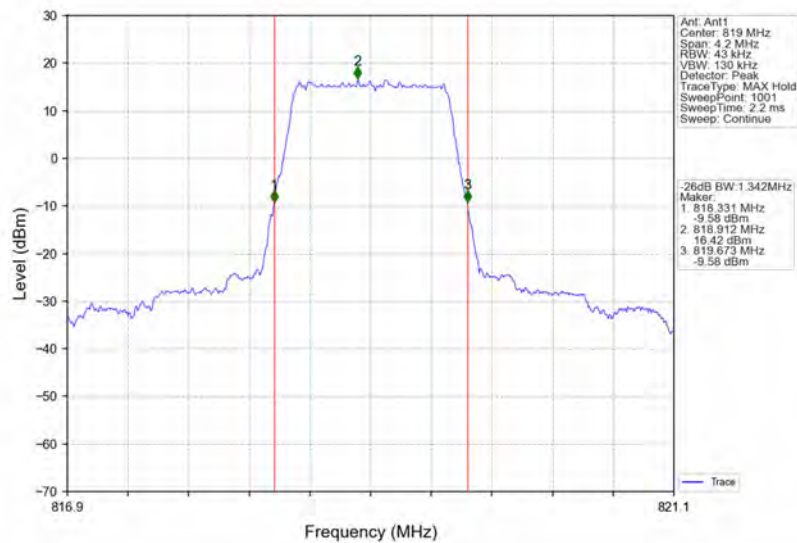
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Band26a\_1.4MHz\_64QAM\_LCH\_814.7MHz\_RB\_6\_0\_NTNV



Band26a\_1.4MHz\_64QAM\_MCH\_819MHz\_RB\_6\_0\_NTNV



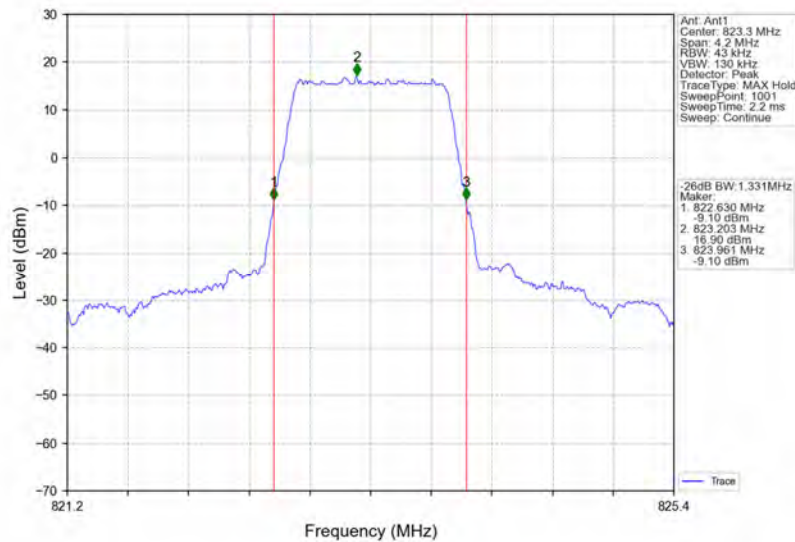
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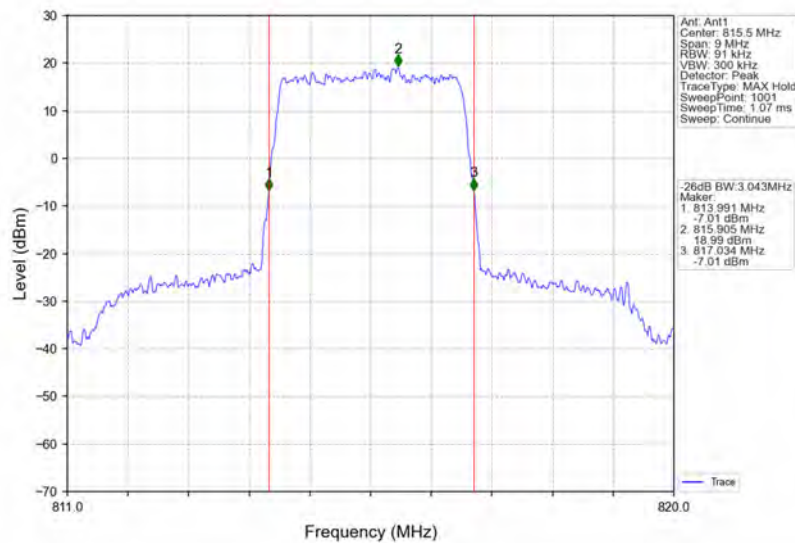
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Band26a\_3MHz\_QPSK\_LCH\_815.5MHz\_RB\_15\_0\_NTNV



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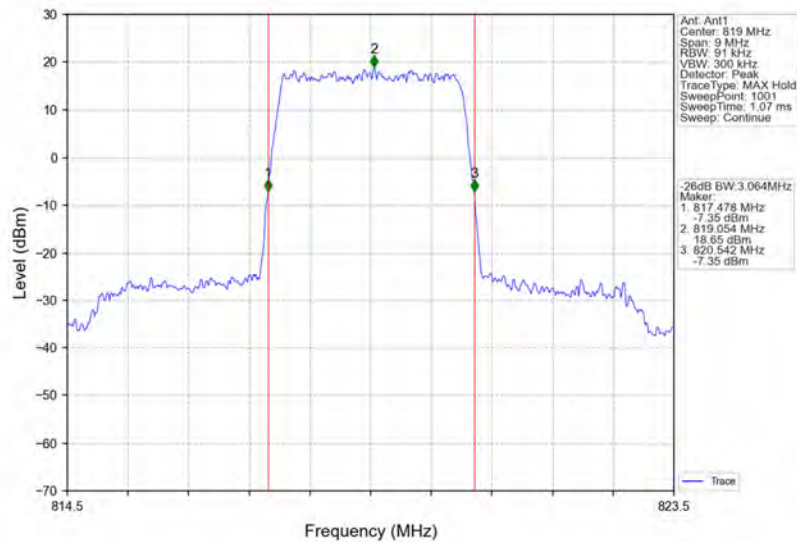
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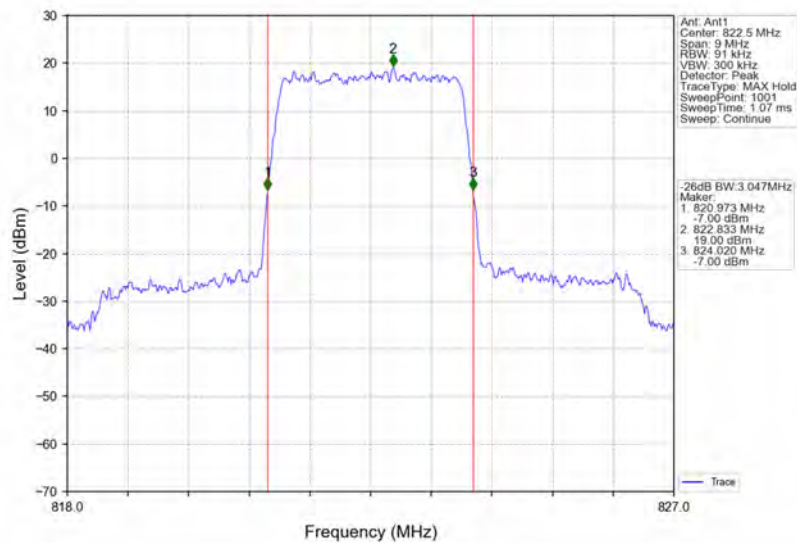
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Band26a\_3MHz\_QPSK\_MCH\_819MHz\_RB\_15\_0\_NTNV



Band26a\_3MHz\_QPSK\_HCH\_822.5MHz\_RB\_15\_0\_NTNV



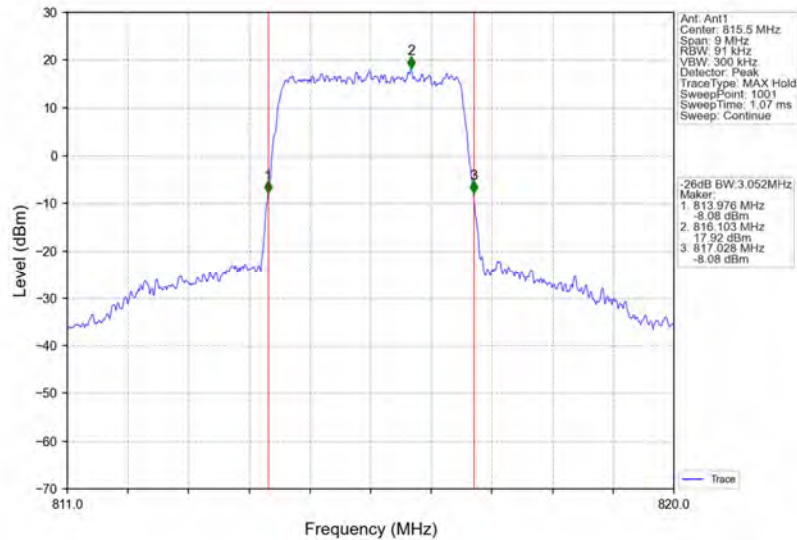
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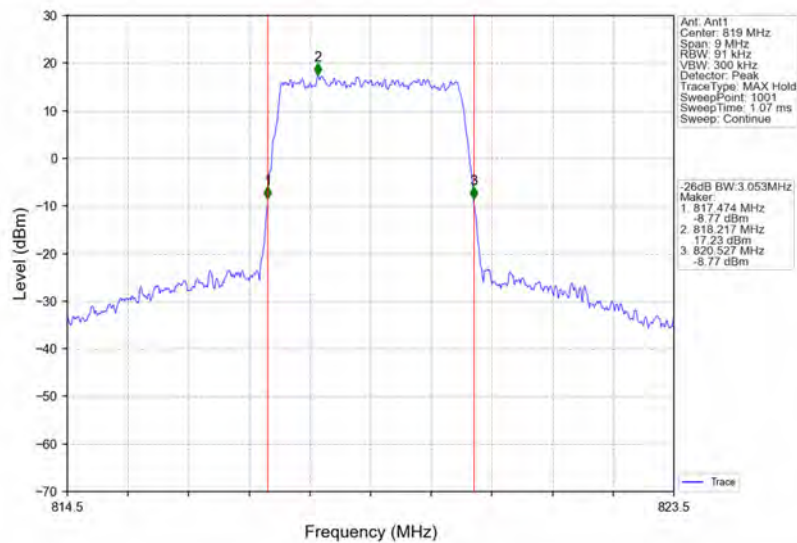
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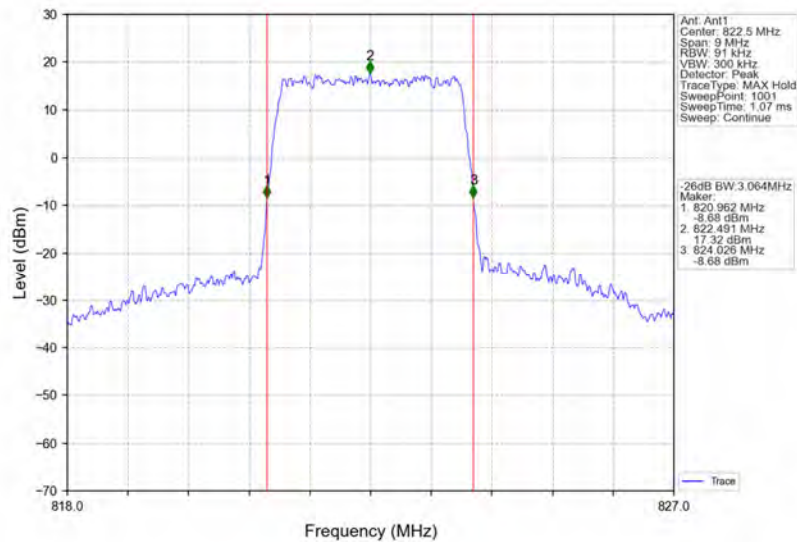
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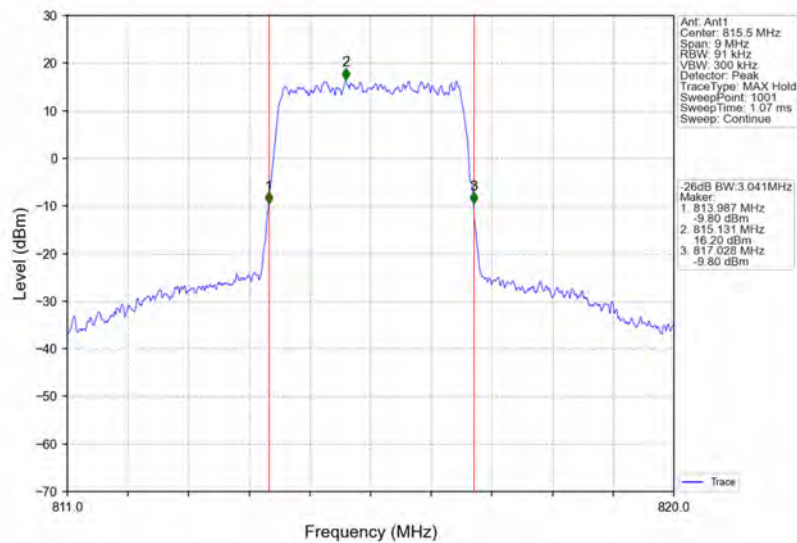
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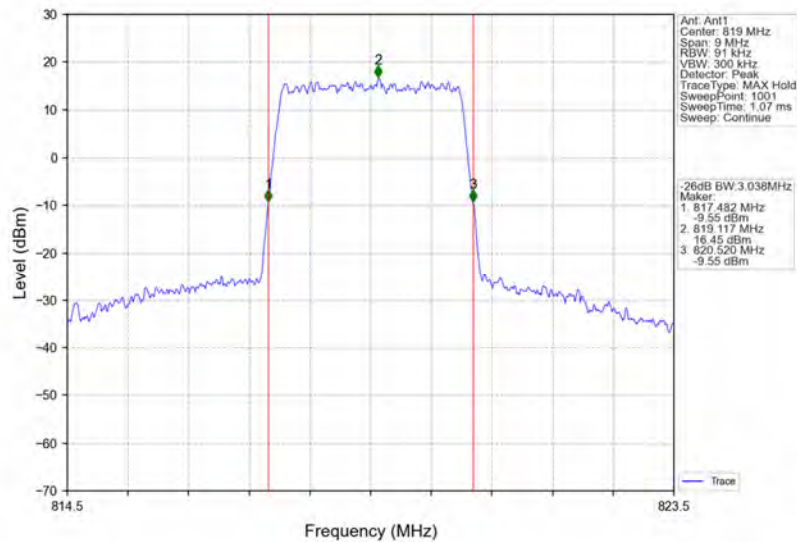
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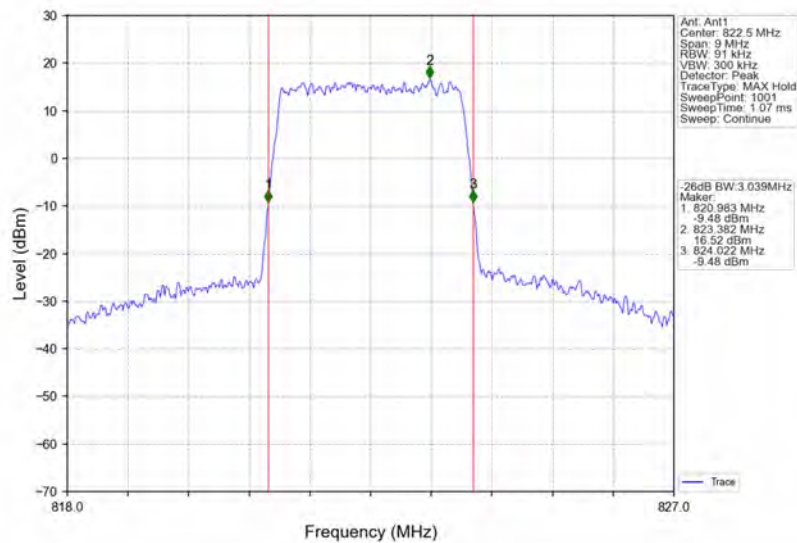
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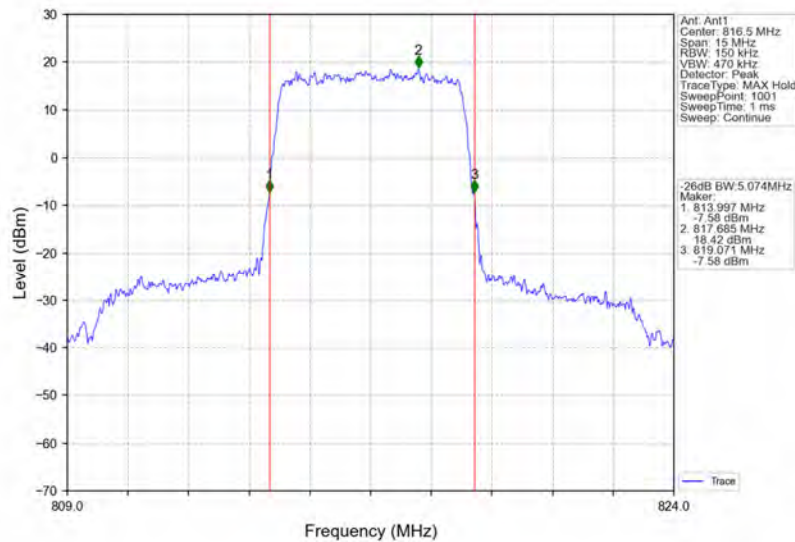
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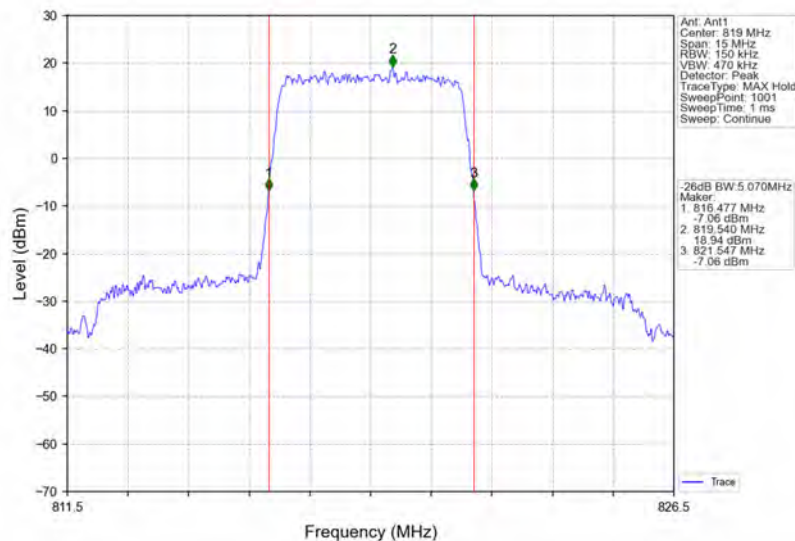
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Band26a\_5MHz\_QPSK\_MCH\_819MHz\_RB\_25\_0\_NTNV



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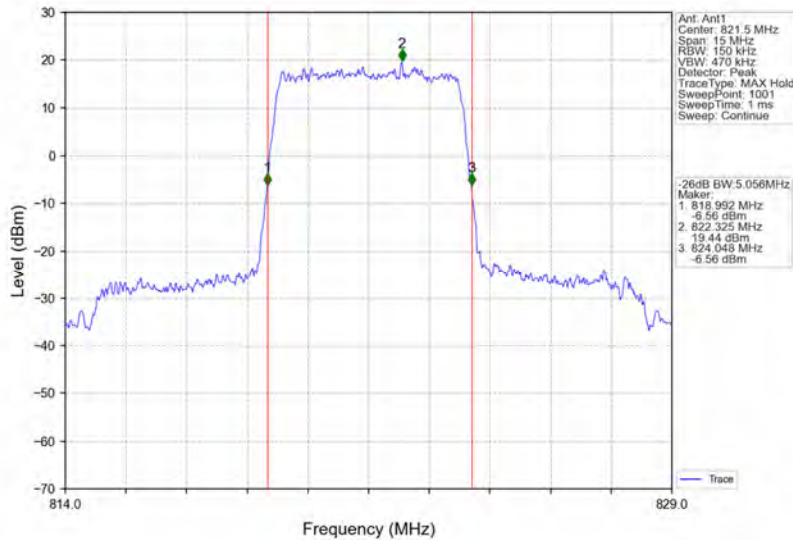
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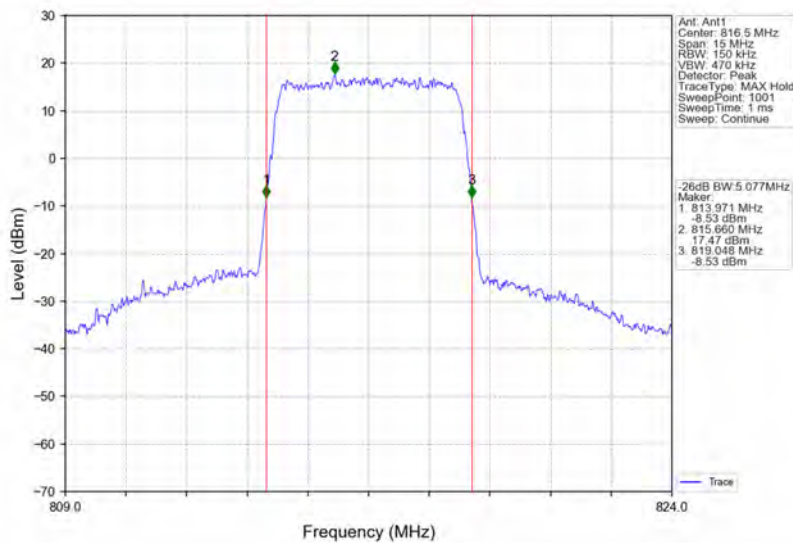
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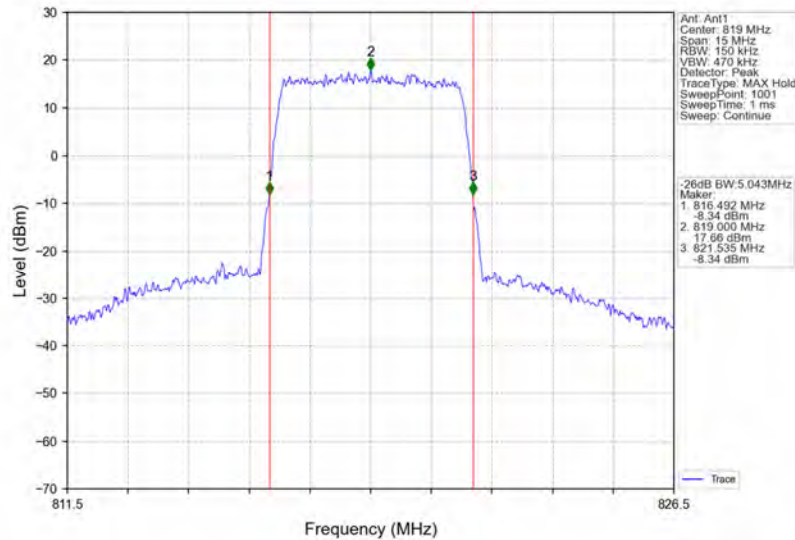
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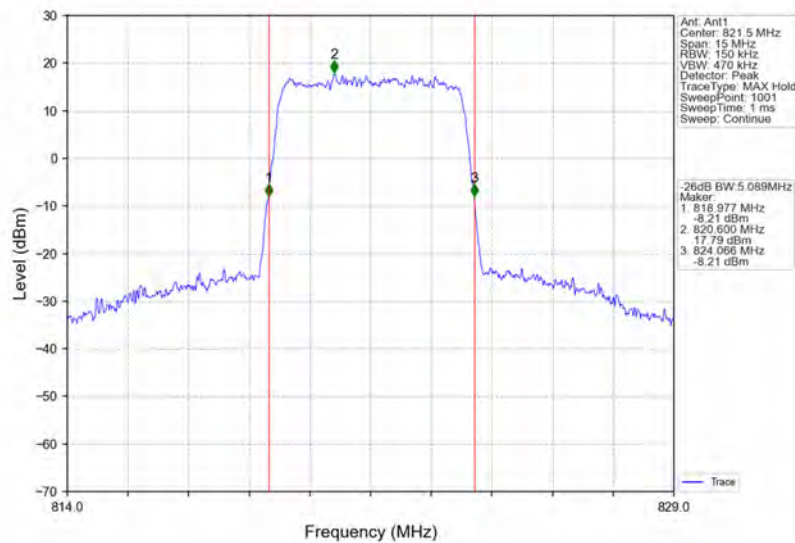
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Band26a\_5MHz\_16QAM\_MCH\_819MHz\_RB\_25\_0\_NTNV



Band26a\_5MHz\_16QAM\_HCH\_821.5MHz\_RB\_25\_0\_NTNV



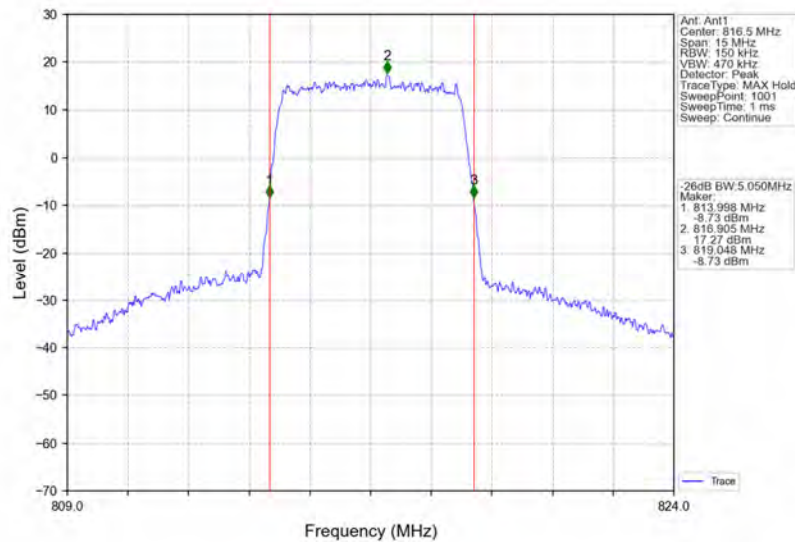
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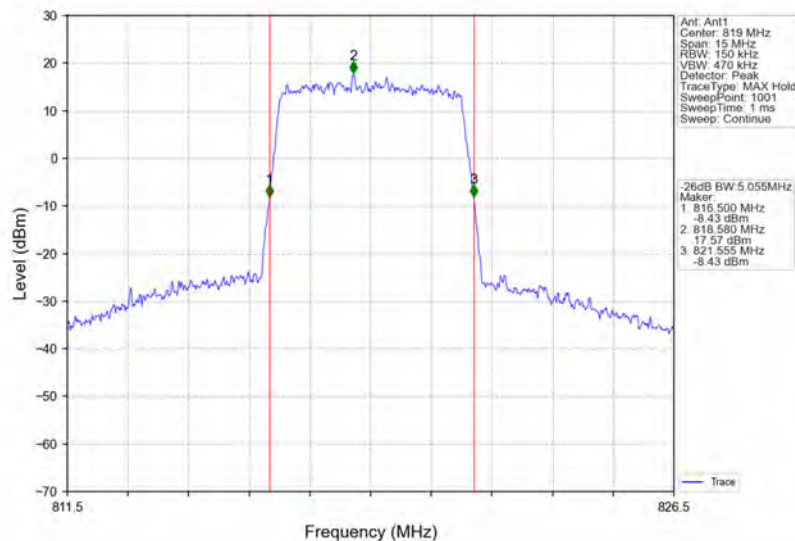
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Band26a\_5MHz\_64QAM\_LCH\_816.5MHz\_RB\_25\_0\_NTNV



Band26a\_5MHz\_64QAM\_MCH\_819MHz\_RB\_25\_0\_NTNV



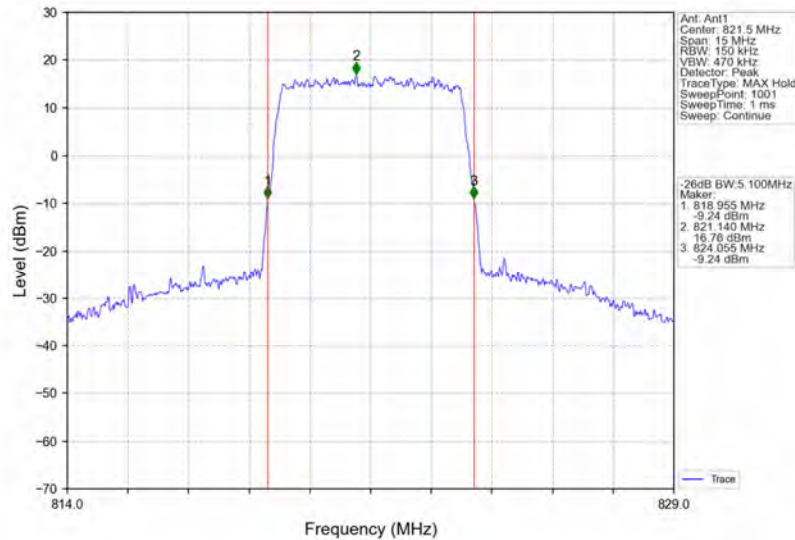
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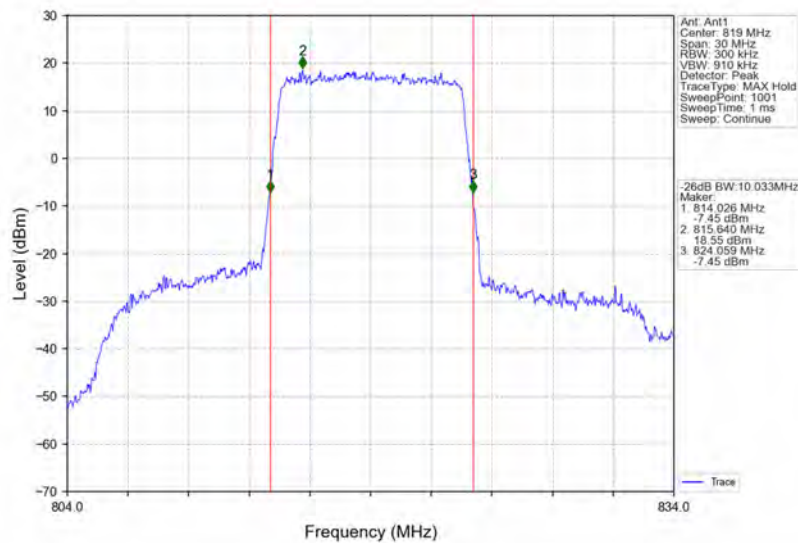
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Band26a\_5MHz\_64QAM\_HCH\_821.5MHz\_RB\_25\_0\_NTNV



Band26a\_10MHz\_QPSK\_LCH\_819MHz\_RB\_50\_0\_NTNV



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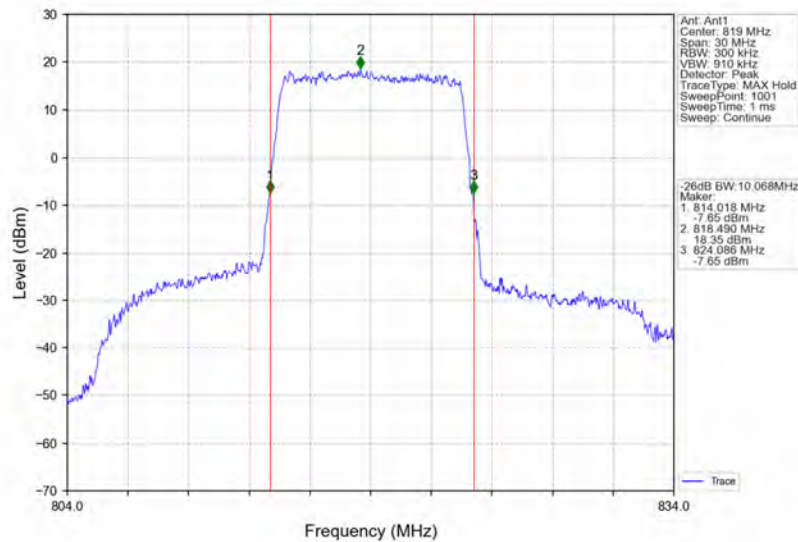
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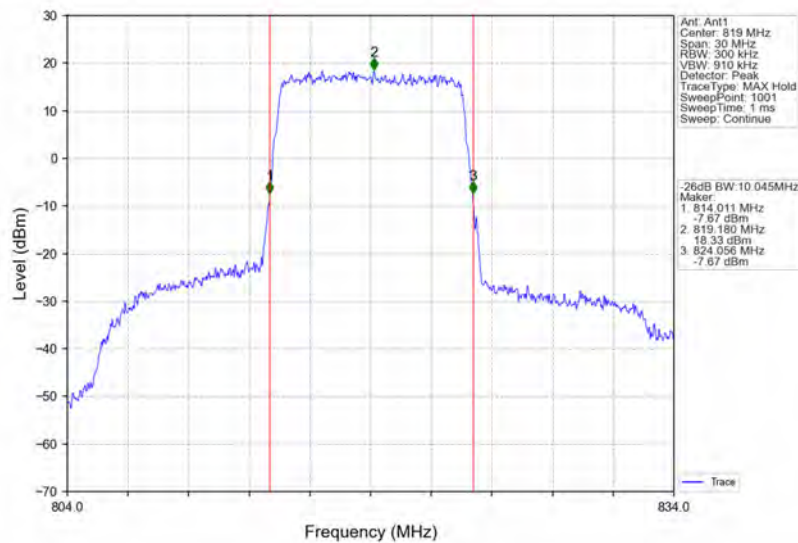
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Band26a\_10MHz\_QPSK\_MCH\_819MHz\_RB\_50\_0\_NTNV



Band26a\_10MHz\_QPSK\_HCH\_819MHz\_RB\_50\_0\_NTNV



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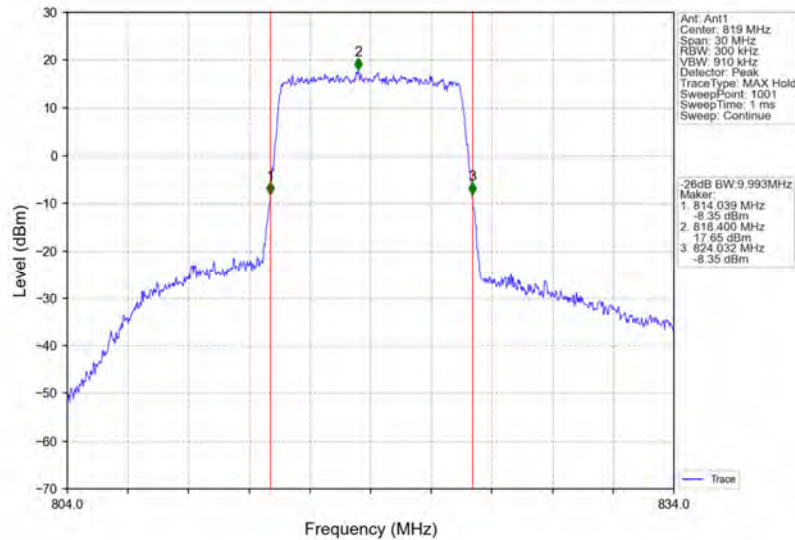
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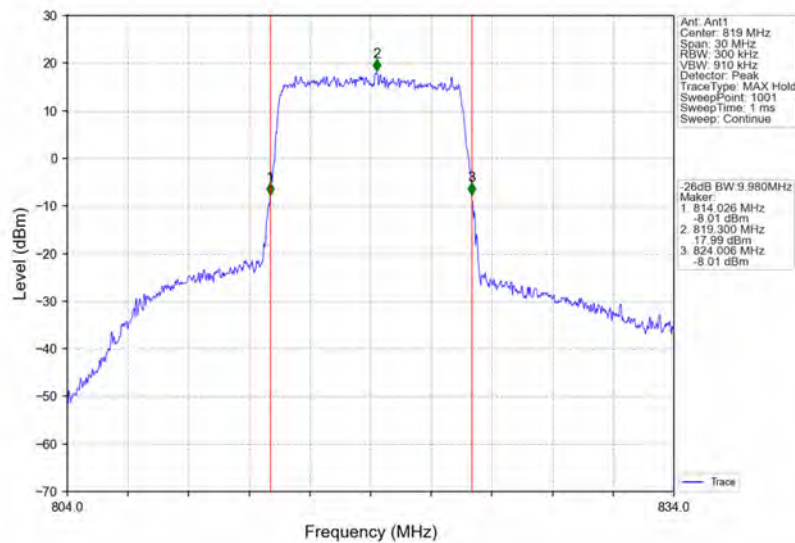
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Band26a\_10MHz\_16QAM\_LCH\_819MHz\_RB\_50\_0\_NTNV



Band26a\_10MHz\_16QAM\_MCH\_819MHz\_RB\_50\_0\_NTNV



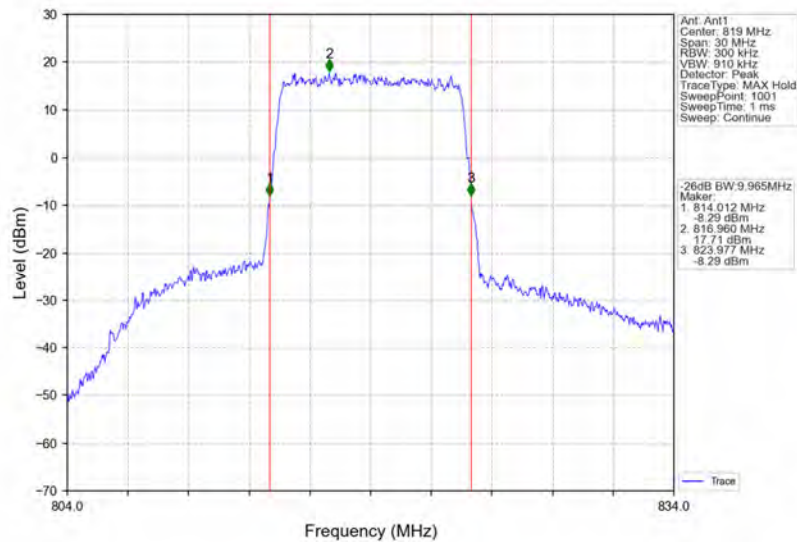
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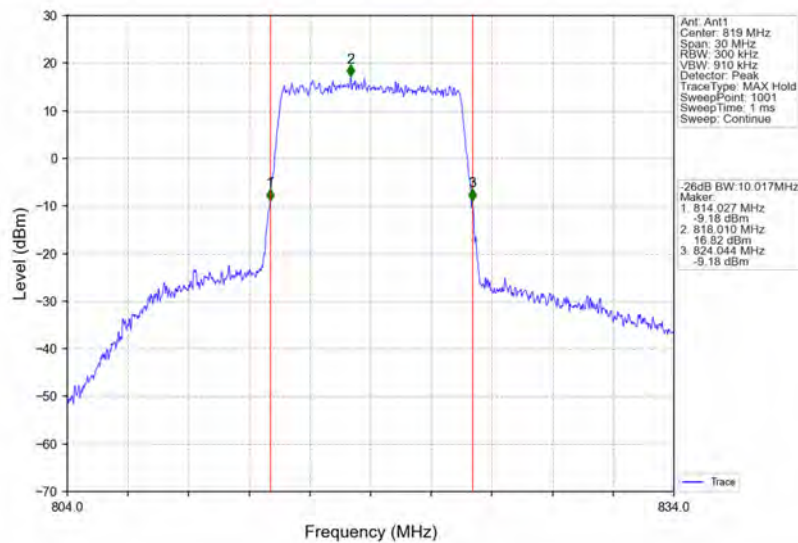
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Band26a\_10MHz\_16QAM\_HCH\_819MHz\_RB\_50\_0\_NTNV



Band26a\_10MHz\_64QAM\_LCH\_819MHz\_RB\_50\_0\_NTNV



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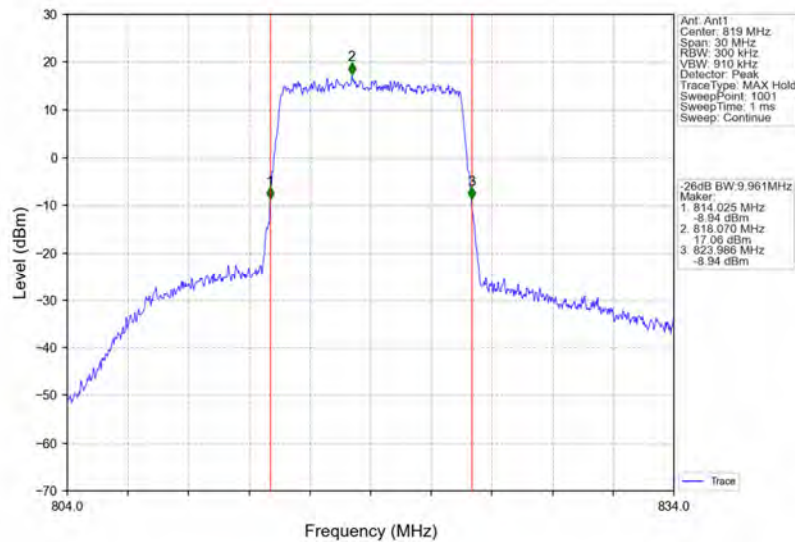
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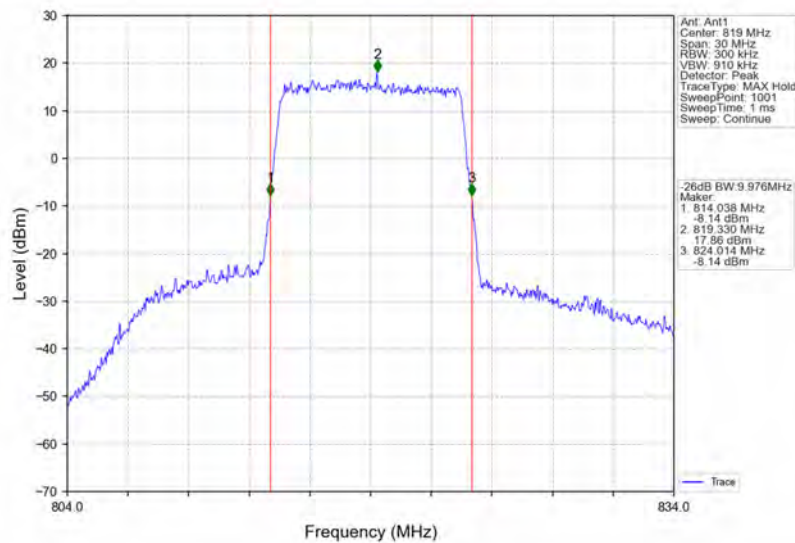
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## 5. Peak-Average Ratio

### 5.1 B26a\_1.4MHz

#### 5.1.1 Test Result

| Band: 26a / Bandwidth: 1.4MHz / NTNV |                 |               |        |                         |       |         |
|--------------------------------------|-----------------|---------------|--------|-------------------------|-------|---------|
| Modulation                           | Frequency (MHz) | RB Allocation |        | Peak-Average Ratio (dB) |       | Verdict |
|                                      |                 | Size          | Offset | Result                  | Limit |         |
| QPSK                                 | 814.7           | 6             | 0      | 5.04                    | <=13  | Pass    |
|                                      | 819             | 6             | 0      | 5.20                    | <=13  | Pass    |
|                                      | 823.3           | 6             | 0      | 5.19                    | <=13  | Pass    |
| 16QAM                                | 814.7           | 6             | 0      | 5.95                    | <=13  | Pass    |
|                                      | 819             | 6             | 0      | 6.04                    | <=13  | Pass    |
|                                      | 823.3           | 6             | 0      | 6.05                    | <=13  | Pass    |
| 64QAM                                | 814.7           | 6             | 0      | 6.27                    | <=13  | Pass    |
|                                      | 819             | 6             | 0      | 6.34                    | <=13  | Pass    |
|                                      | 823.3           | 6             | 0      | 6.37                    | <=13  | Pass    |



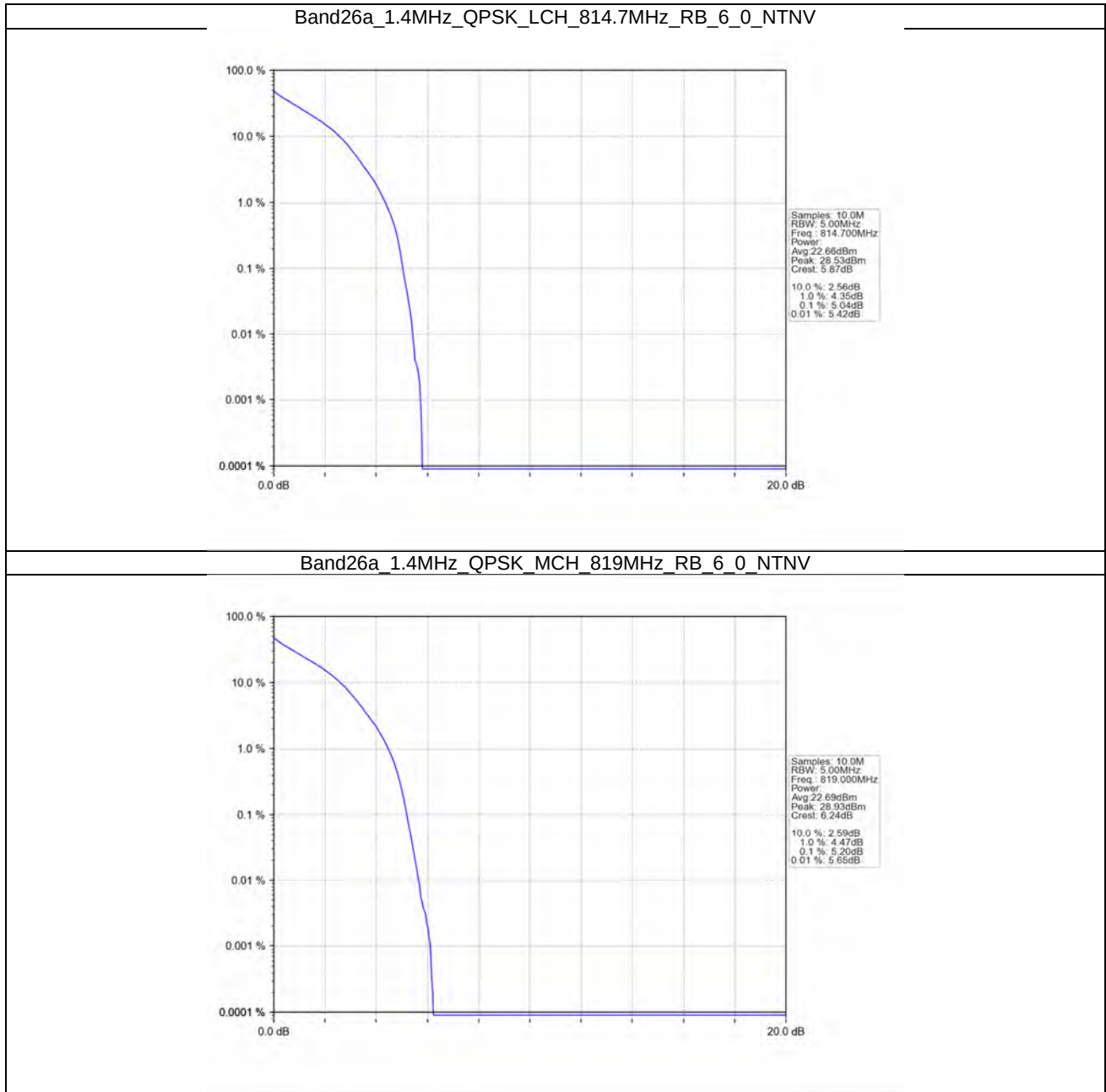
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## 5.1.2 Test Graph



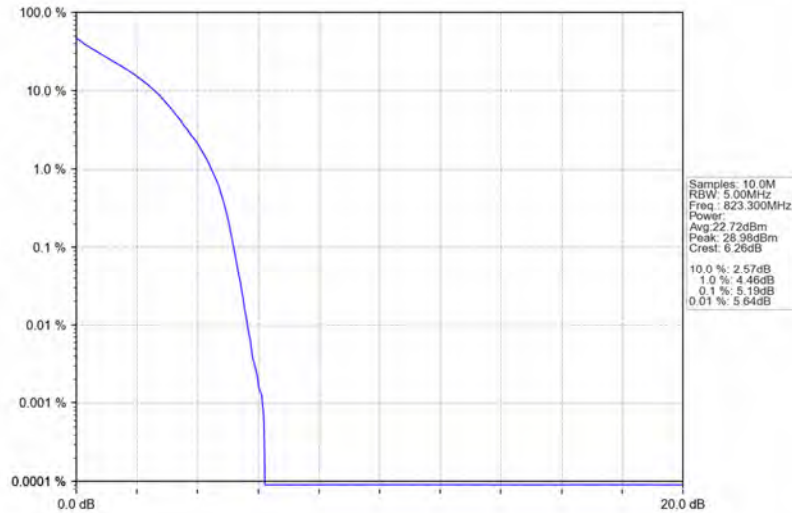
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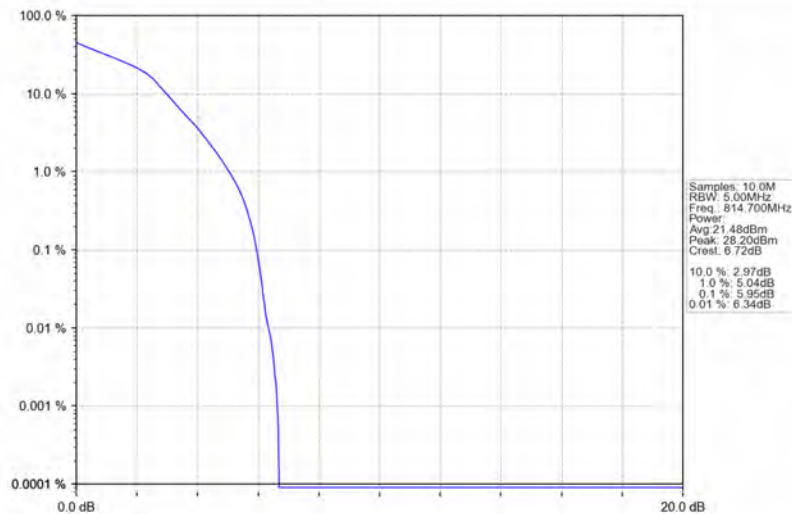
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Band26a\_1.4MHz\_QPSK\_HCH\_823.3MHz\_RB\_6\_0\_NTNV



Band26a\_1.4MHz\_16QAM\_LCH\_814.7MHz\_RB\_6\_0\_NTNV



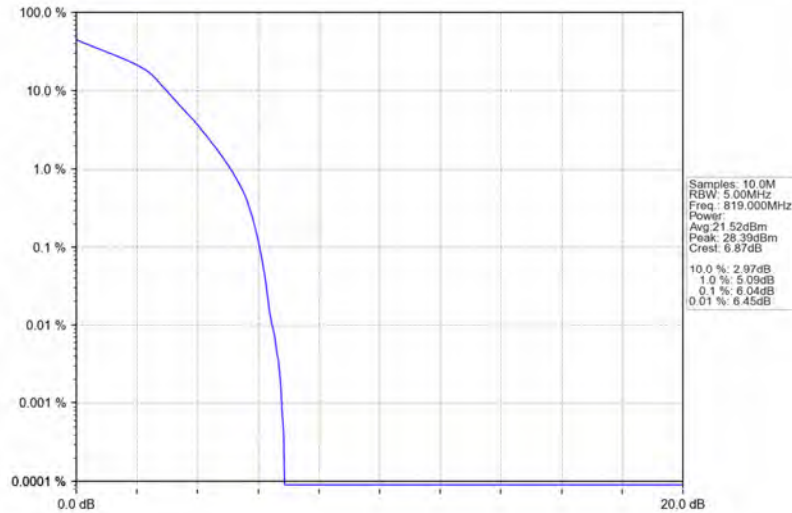
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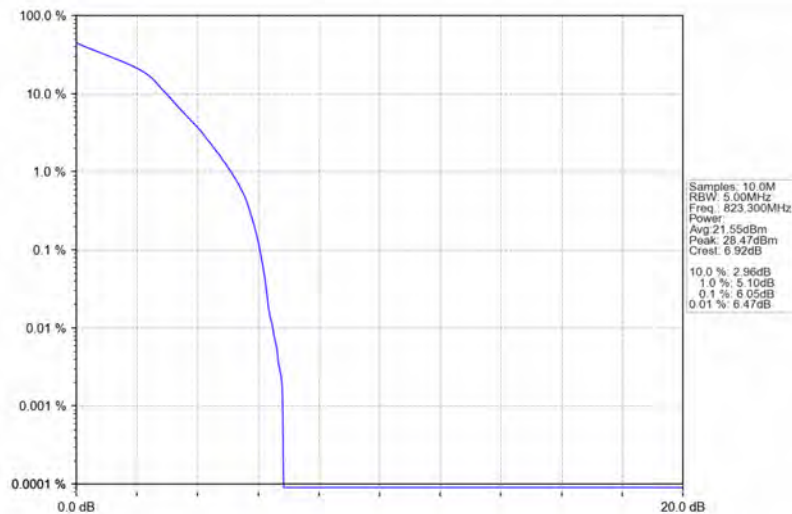
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Band26a\_1.4MHz\_16QAM\_HCH\_823.3MHz\_RB\_6\_0\_NTNV



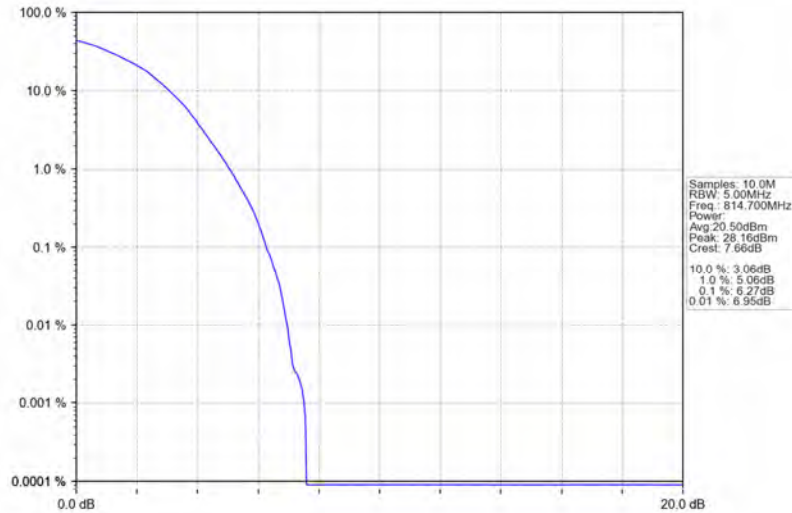
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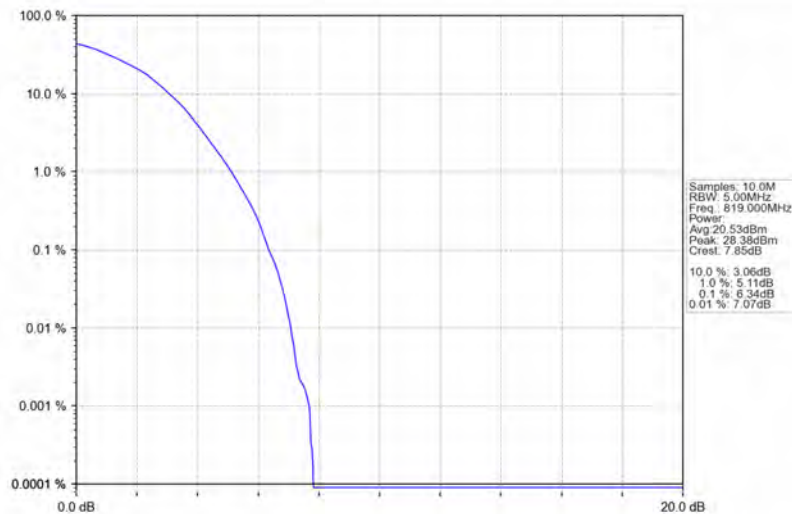
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Band26a\_1.4MHz\_64QAM\_LCH\_814.7MHz\_RB\_6\_0\_NTNV



Band26a\_1.4MHz\_64QAM\_MCH\_819MHz\_RB\_6\_0\_NTNV



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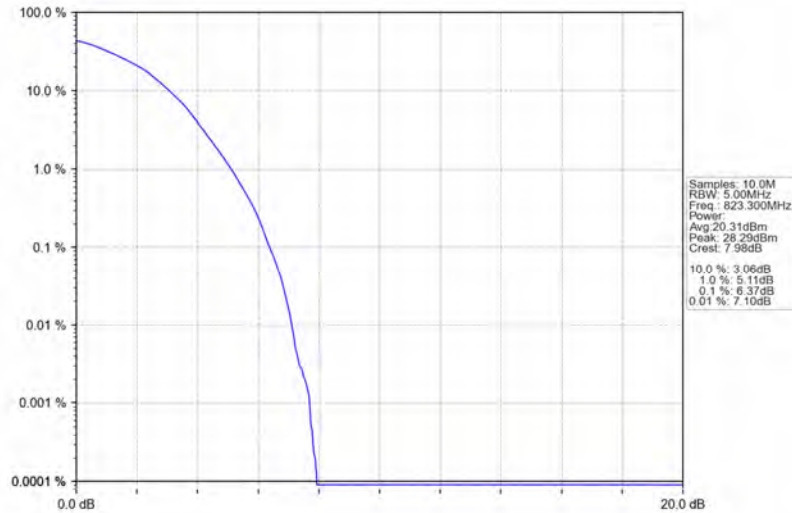
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Band26a\_1.4MHz\_64QAM\_HCH\_823.3MHz\_RB\_6\_0\_NTNV



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## 5.2 B26a\_3MHz

### 5.2.1 Test Result

| Band: 26a / Bandwidth: 3MHz / NTV |                 |               |        |                         |       |         |
|-----------------------------------|-----------------|---------------|--------|-------------------------|-------|---------|
| Modulation                        | Frequency (MHz) | RB Allocation |        | Peak-Average Ratio (dB) |       | Verdict |
|                                   |                 | Size          | Offset | Result                  | Limit |         |
| QPSK                              | 815.5           | 15            | 0      | 5.14                    | <=13  | Pass    |
|                                   | 819             | 15            | 0      | 5.24                    | <=13  | Pass    |
|                                   | 822.5           | 15            | 0      | 5.25                    | <=13  | Pass    |
| 16QAM                             | 815.5           | 15            | 0      | 5.98                    | <=13  | Pass    |
|                                   | 819             | 15            | 0      | 6.07                    | <=13  | Pass    |
|                                   | 822.5           | 15            | 0      | 6.09                    | <=13  | Pass    |
| 64QAM                             | 815.5           | 15            | 0      | 6.44                    | <=13  | Pass    |
|                                   | 819             | 15            | 0      | 6.53                    | <=13  | Pass    |
|                                   | 822.5           | 15            | 0      | 6.54                    | <=13  | Pass    |



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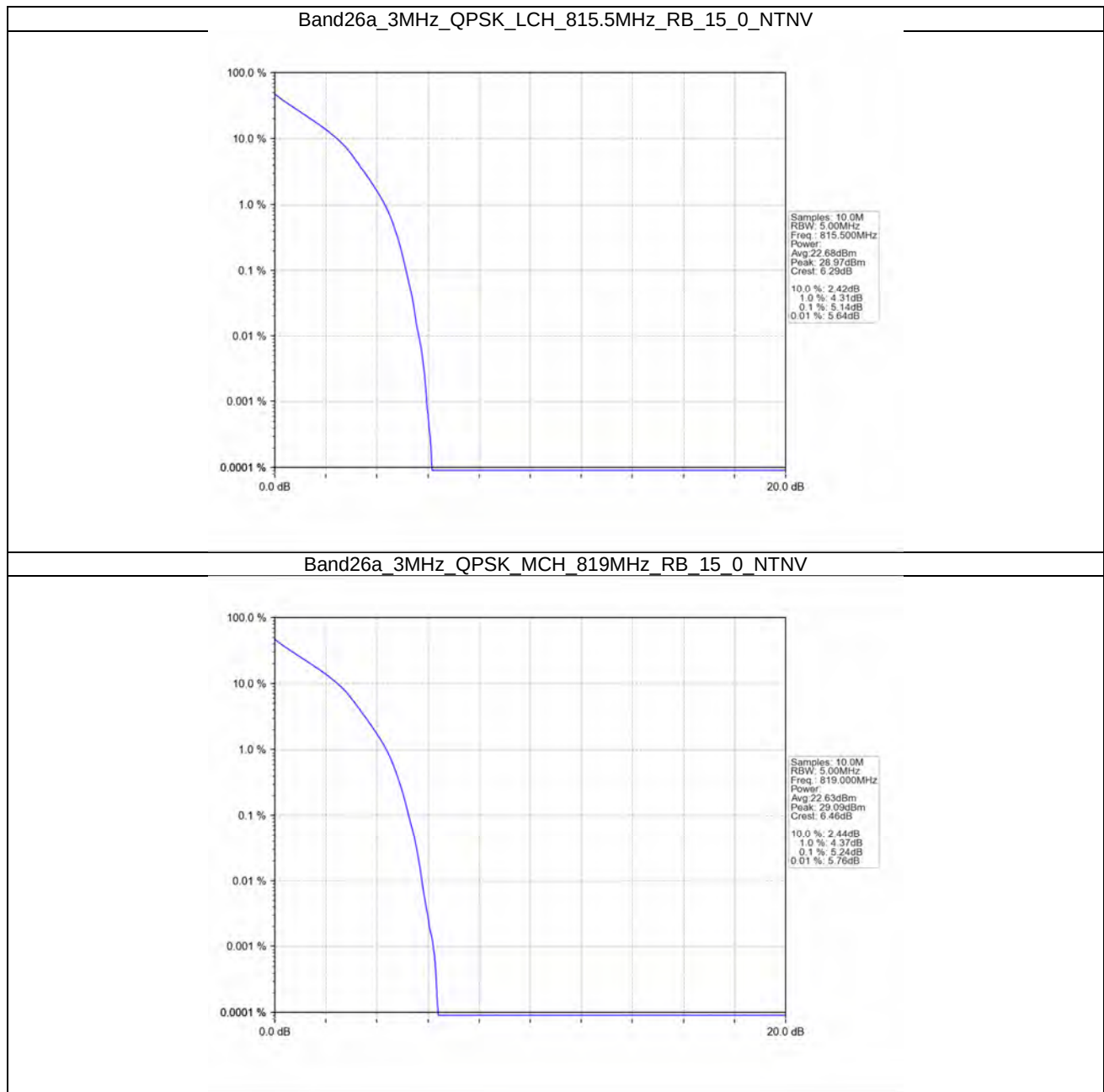
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### 5.2.2 Test Graph



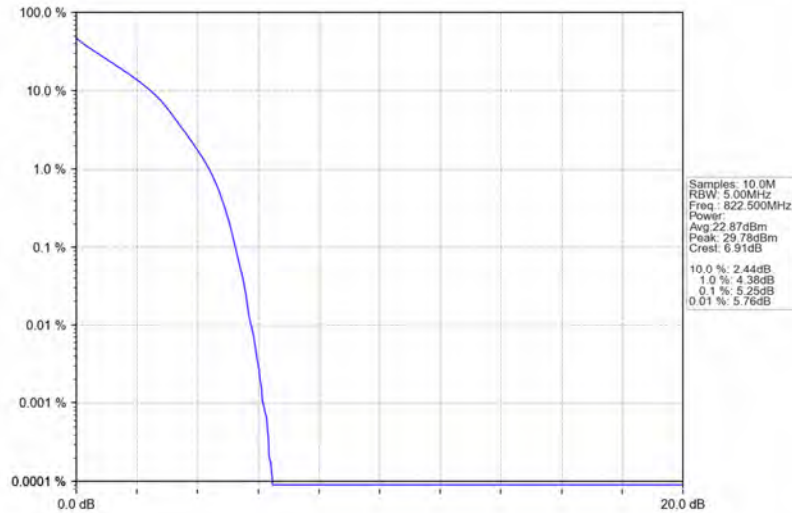
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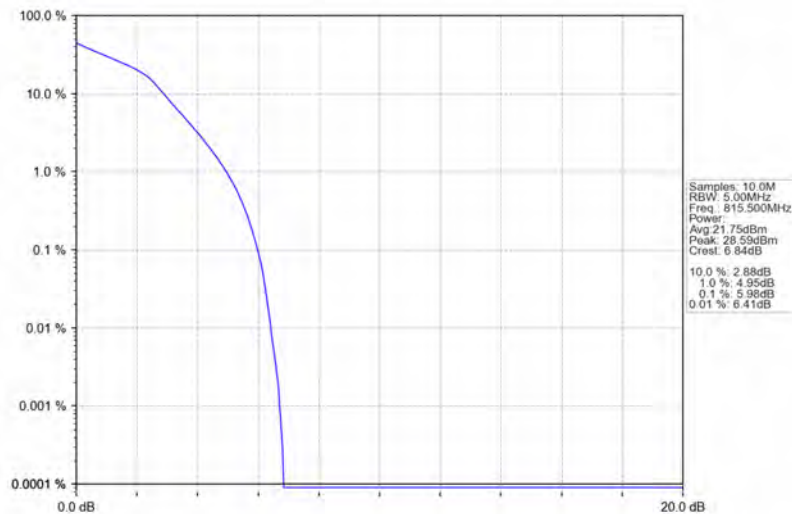
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Band26a\_3MHz\_QPSK\_HCH\_822.5MHz\_RB\_15\_0\_NTNV



Band26a\_3MHz\_16QAM\_LCH\_815.5MHz\_RB\_15\_0\_NTNV



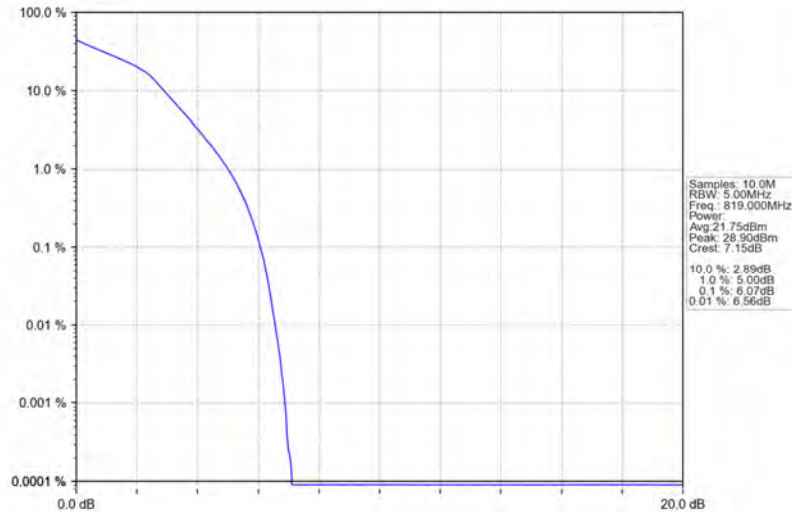
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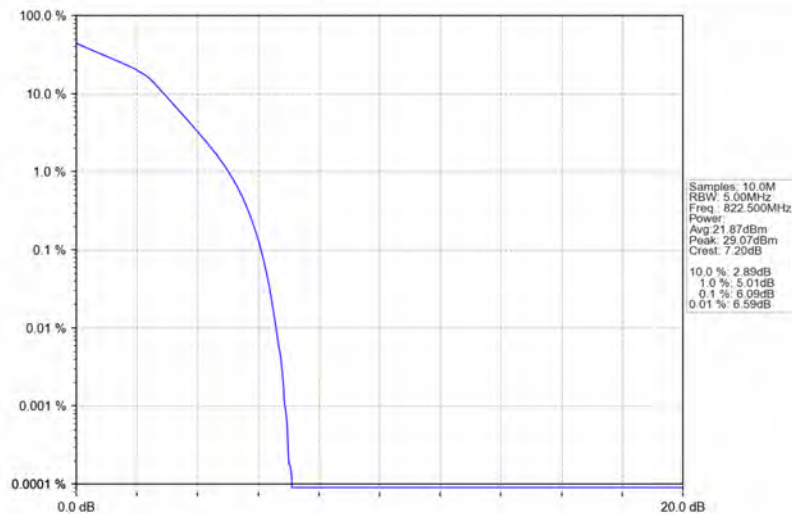
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Band26a\_3MHz\_16QAM\_MCH\_819MHz\_RB\_15\_0\_NTNV



Band26a\_3MHz\_16QAM\_HCH\_822.5MHz\_RB\_15\_0\_NTNV

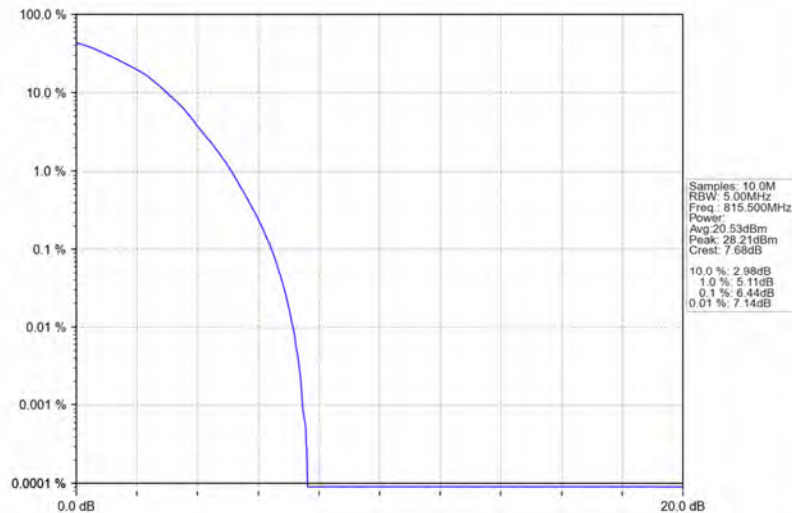


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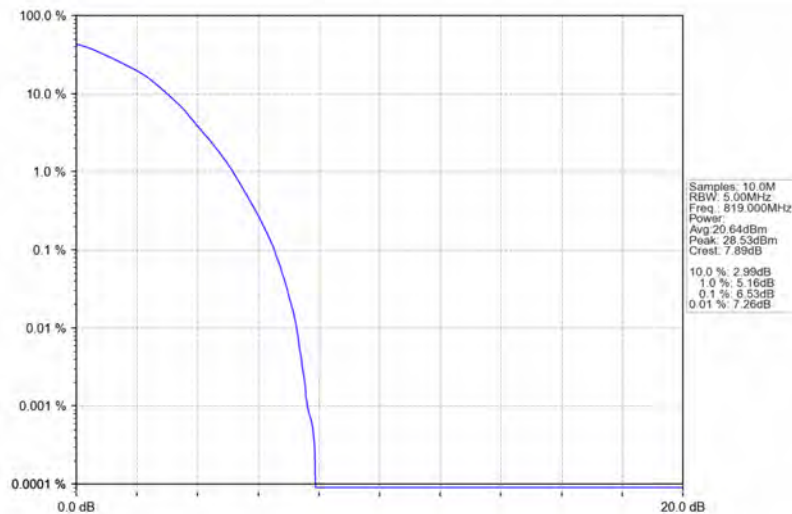
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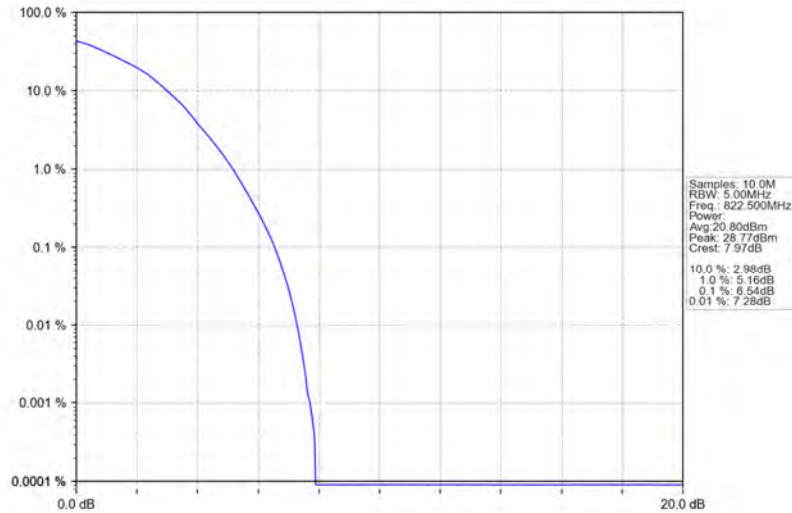
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## 5.3 B26a\_5MHz

### 5.3.1 Test Result

| Band: 26a / Bandwidth: 5MHz / NTNV |                 |               |        |                         |       |         |
|------------------------------------|-----------------|---------------|--------|-------------------------|-------|---------|
| Modulation                         | Frequency (MHz) | RB Allocation |        | Peak-Average Ratio (dB) |       | Verdict |
|                                    |                 | Size          | Offset | Result                  | Limit |         |
| QPSK                               | 816.5           | 25            | 0      | 5.13                    | <=13  | Pass    |
|                                    | 819             | 25            | 0      | 5.19                    | <=13  | Pass    |
|                                    | 821.5           | 25            | 0      | 5.20                    | <=13  | Pass    |
| 16QAM                              | 816.5           | 25            | 0      | 5.93                    | <=13  | Pass    |
|                                    | 819             | 25            | 0      | 5.98                    | <=13  | Pass    |
|                                    | 821.5           | 25            | 0      | 6.00                    | <=13  | Pass    |
| 64QAM                              | 816.5           | 25            | 0      | 6.42                    | <=13  | Pass    |
|                                    | 819             | 25            | 0      | 6.48                    | <=13  | Pass    |
|                                    | 821.5           | 25            | 0      | 6.50                    | <=13  | Pass    |



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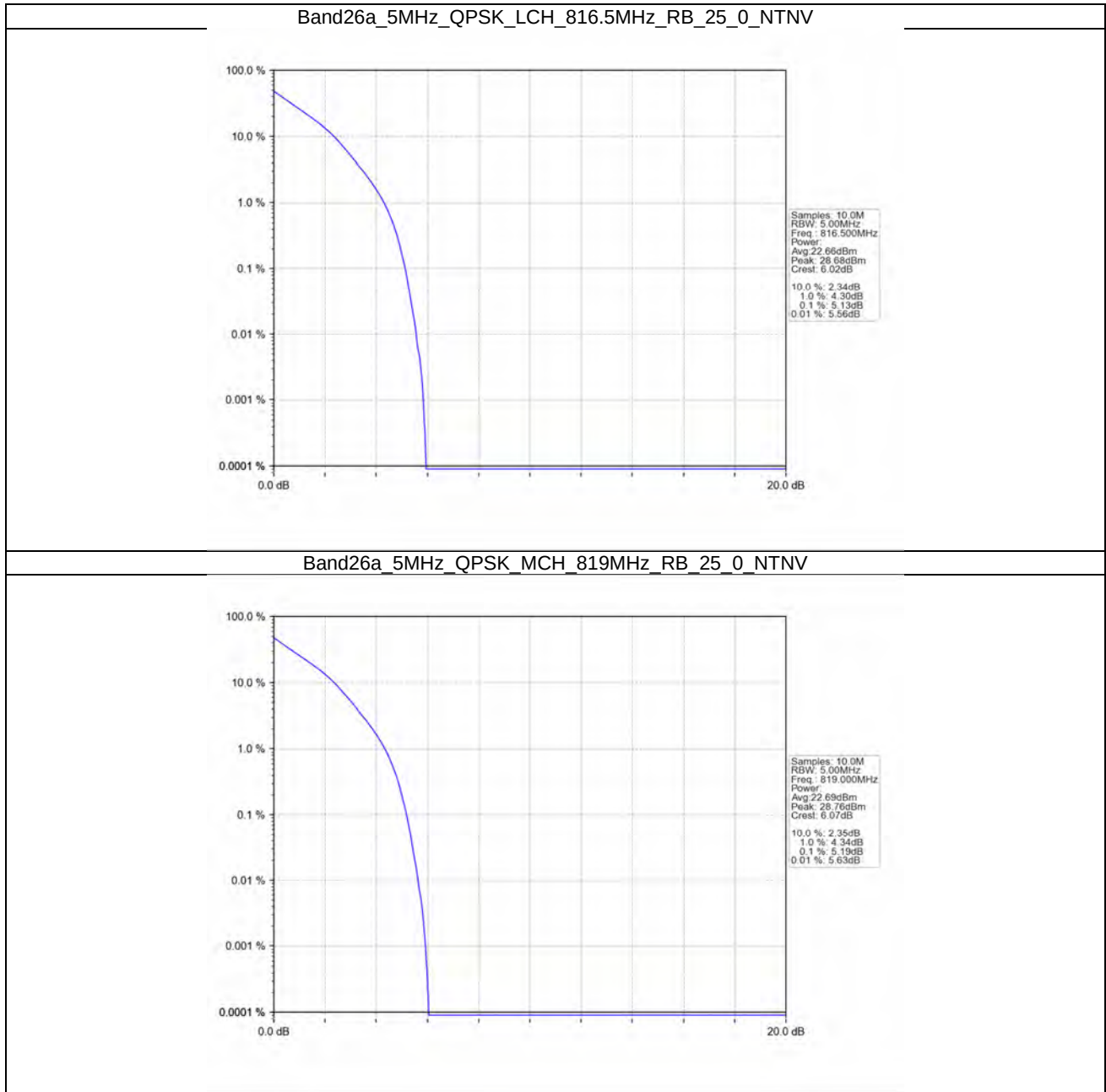
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## 5.3.2 Test Graph



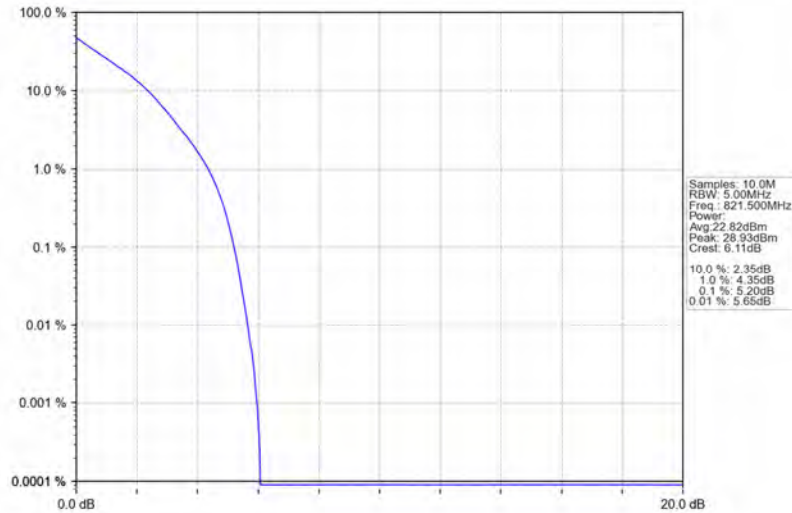
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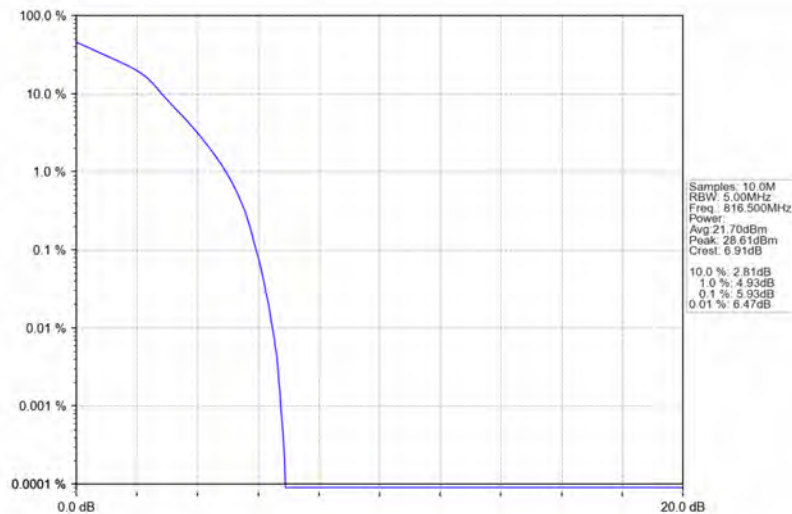
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Band26a\_5MHz\_16QAM\_LCH\_816.5MHz\_RB\_25\_0\_NTNV



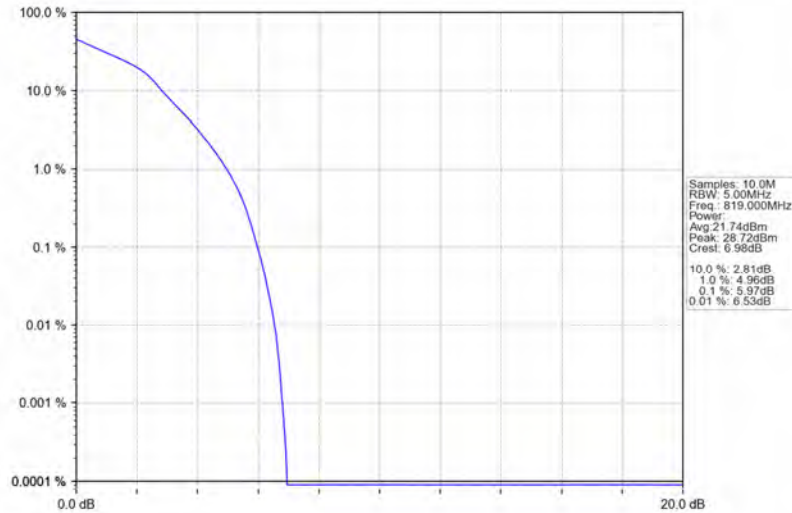
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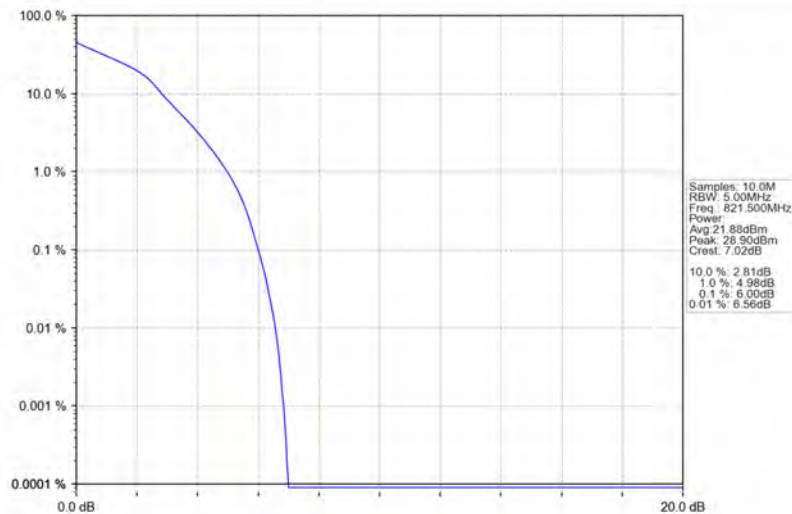
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Band26a\_5MHz\_16QAM\_MCH\_819MHz\_RB\_25\_0\_NTNV



Band26a\_5MHz\_16QAM\_HCH\_821.5MHz\_RB\_25\_0\_NTNV



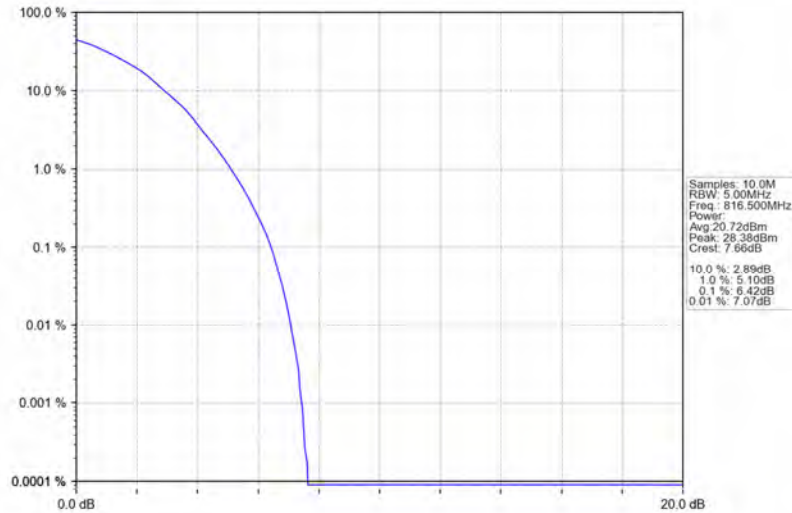
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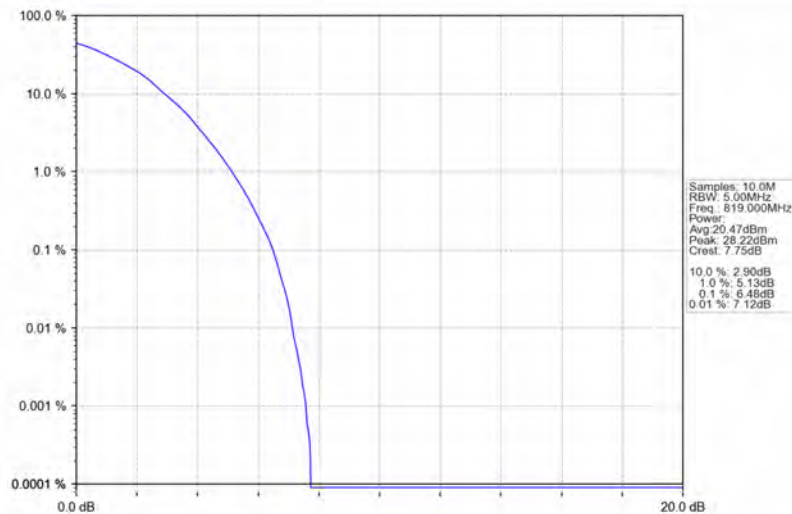
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Band26a\_5MHz\_64QAM\_LCH\_816.5MHz\_RB\_25\_0\_NTNV



Band26a\_5MHz\_64QAM\_MCH\_819MHz\_RB\_25\_0\_NTNV



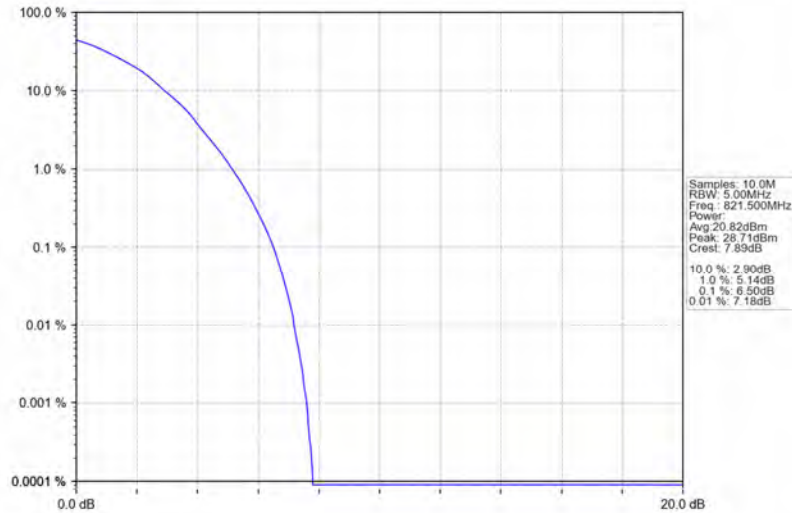
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## 5.4 B26a\_10MHz

### 5.4.1 Test Result

| Band: 26a / Bandwidth: 10MHz / NTN |                 |               |        |                         |       |         |
|------------------------------------|-----------------|---------------|--------|-------------------------|-------|---------|
| Modulation                         | Frequency (MHz) | RB Allocation |        | Peak-Average Ratio (dB) |       | Verdict |
|                                    |                 | Size          | Offset | Result                  | Limit |         |
| QPSK                               | 819             | 50            | 0      | 5.98                    | <=13  | Pass    |
|                                    | 819             | 50            | 0      | 5.98                    | <=13  | Pass    |
|                                    | 819             | 50            | 0      | 5.98                    | <=13  | Pass    |
| 16QAM                              | 819             | 50            | 0      | 6.76                    | <=13  | Pass    |
|                                    | 819             | 50            | 0      | 6.76                    | <=13  | Pass    |
|                                    | 819             | 50            | 0      | 6.74                    | <=13  | Pass    |
| 64QAM                              | 819             | 50            | 0      | 6.97                    | <=13  | Pass    |
|                                    | 819             | 50            | 0      | 6.97                    | <=13  | Pass    |
|                                    | 819             | 50            | 0      | 6.97                    | <=13  | Pass    |



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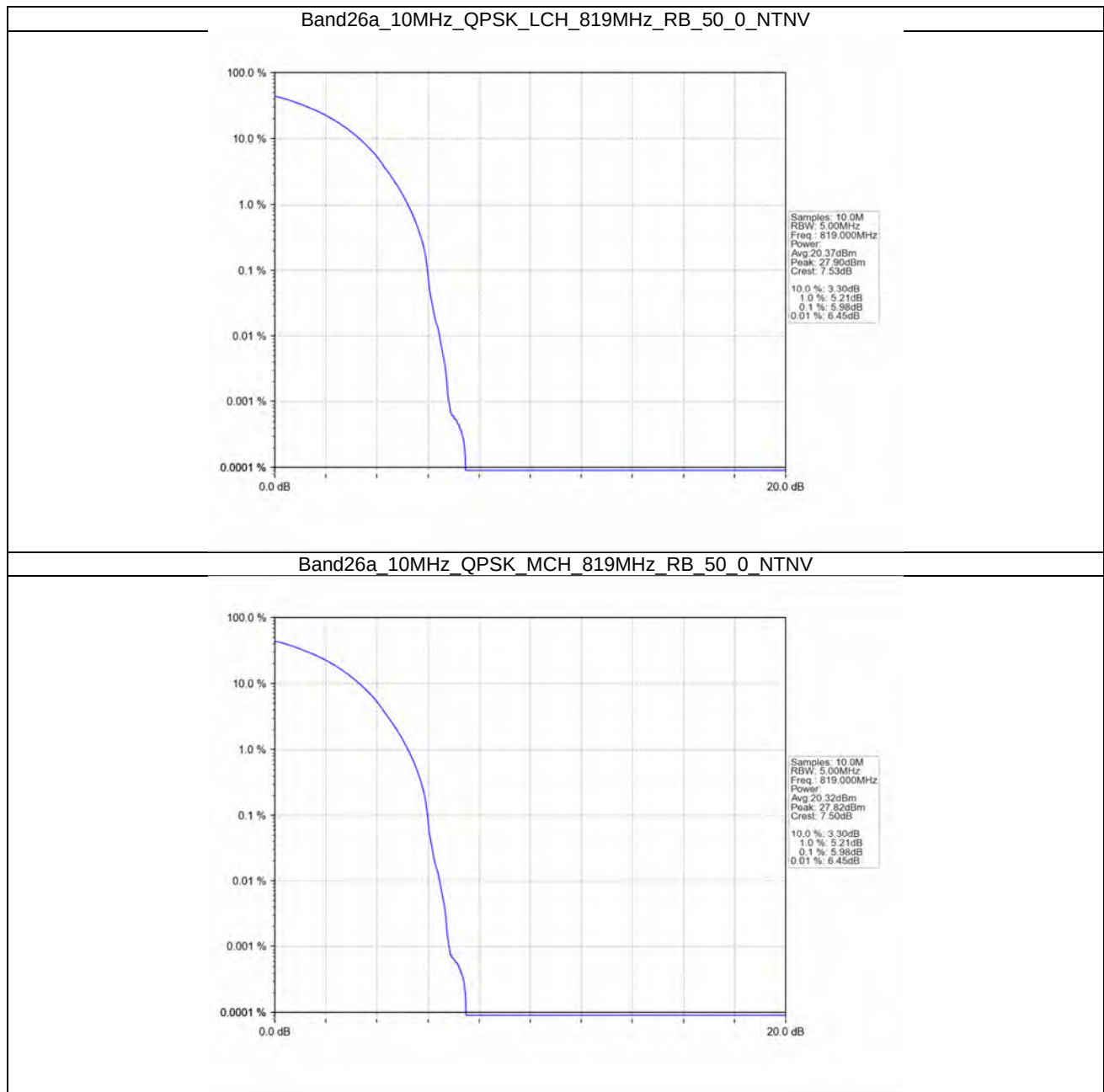
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### 5.4.2 Test Graph



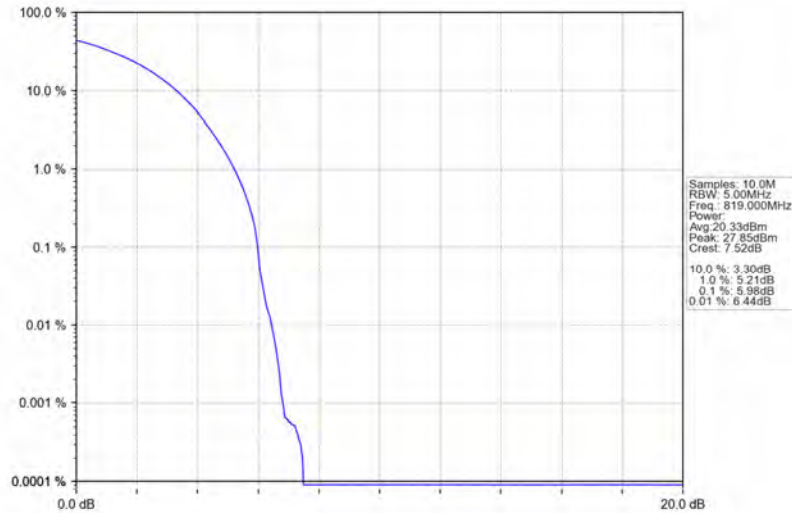
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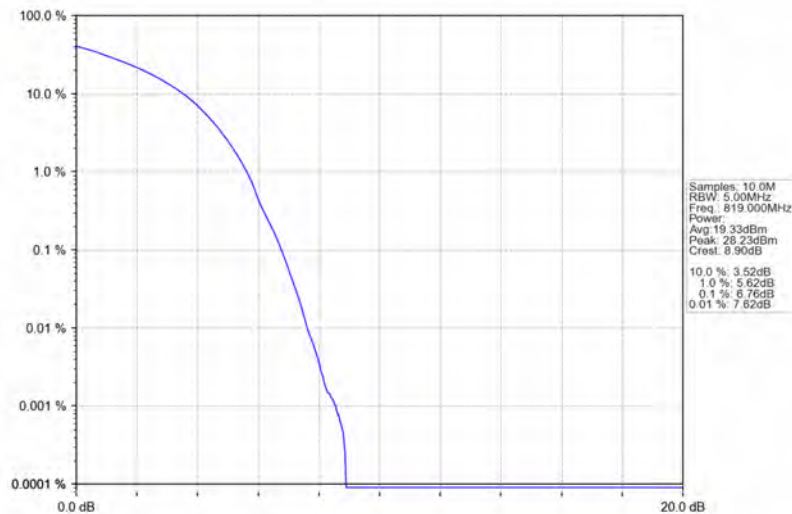
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Band26a\_10MHz\_QPSK\_HCH\_819MHz\_RB\_50\_0\_NTNV



Band26a\_10MHz\_16QAM\_LCH\_819MHz\_RB\_50\_0\_NTNV



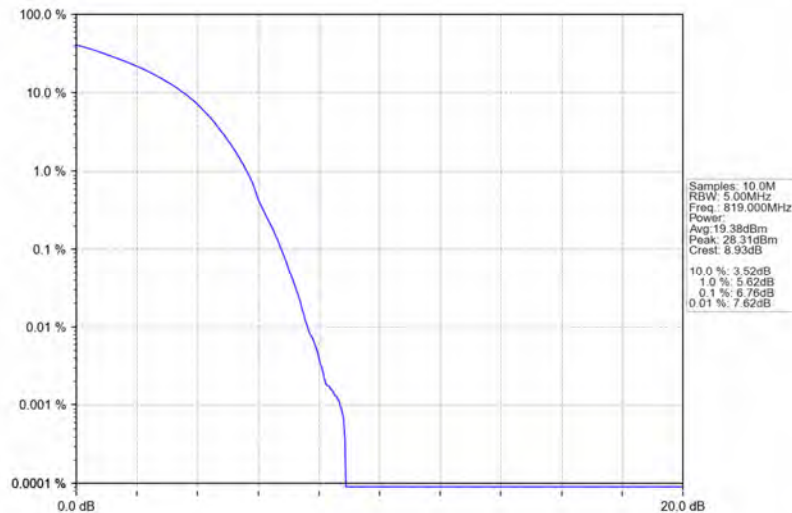
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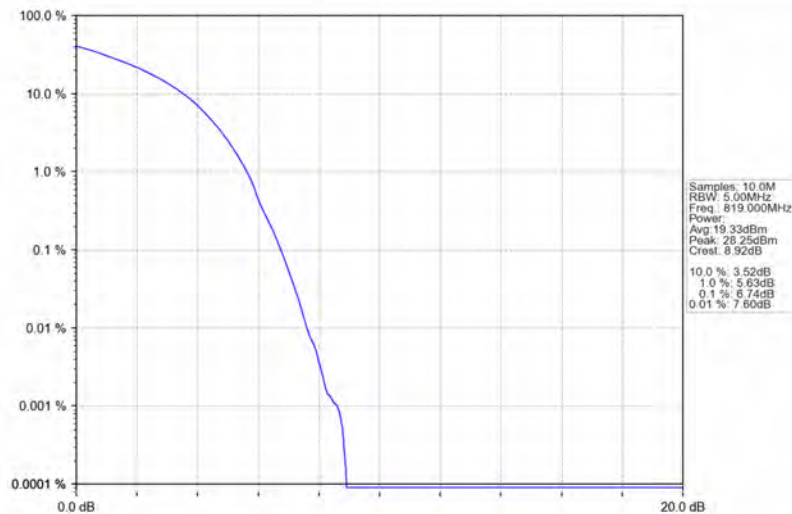
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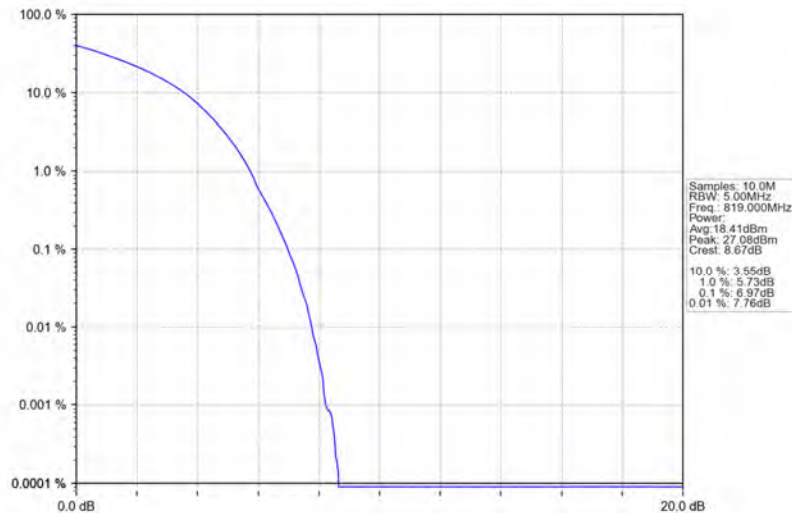
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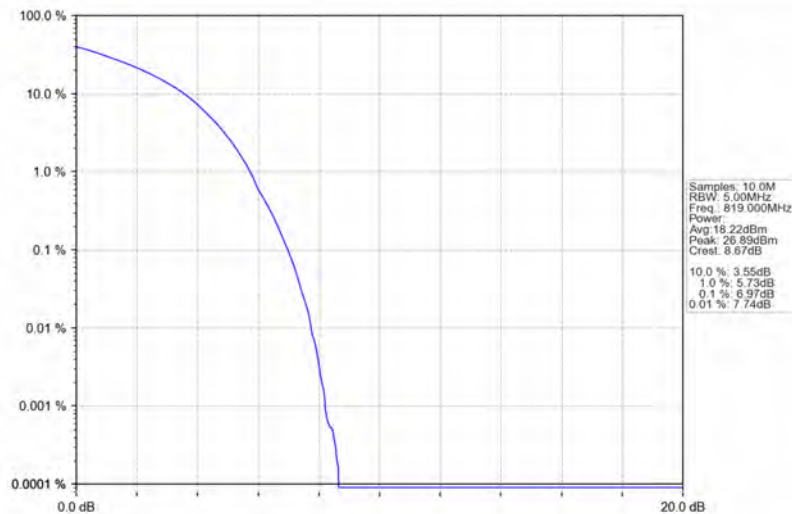
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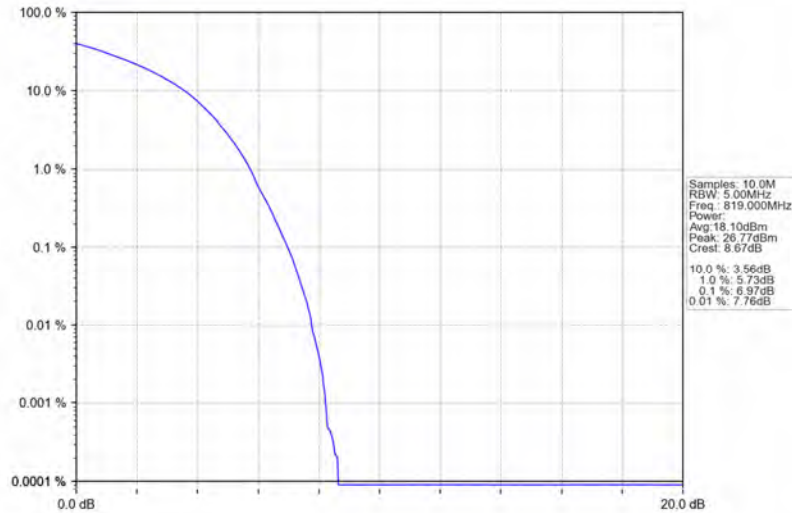
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## 6. Spurious Emission

### 6.1 B26a\_1.4MHz

#### 6.1.1 Test Result

| Band: 26a / Bandwidth: 1.4MHz / NTNV |                 |               |        |                     |       |         |
|--------------------------------------|-----------------|---------------|--------|---------------------|-------|---------|
| Modulation                           | Frequency (MHz) | RB Allocation |        | Spurious Emission   |       | Verdict |
|                                      |                 | Size          | Offset | Result              | Limit |         |
| QPSK                                 | 814.7           | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                      |                 | 6             | 0      | Refer To Test Graph |       | Pass    |
|                                      | 819             | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                      | 823.3           | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                      |                 |               | 5      | Refer To Test Graph |       | Pass    |
|                                      |                 | 6             | 0      | Refer To Test Graph |       | Pass    |
| 16QAM                                | 814.7           | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                      |                 | 6             | 0      | Refer To Test Graph |       | Pass    |
|                                      | 819             | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                      | 823.3           | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                      |                 |               | 5      | Refer To Test Graph |       | Pass    |
|                                      |                 | 6             | 0      | Refer To Test Graph |       | Pass    |
| 64QAM                                | 814.7           | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                      |                 | 6             | 0      | Refer To Test Graph |       | Pass    |
|                                      | 819             | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                      | 823.3           | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                      |                 |               | 5      | Refer To Test Graph |       | Pass    |
|                                      |                 | 6             | 0      | Refer To Test Graph |       | Pass    |



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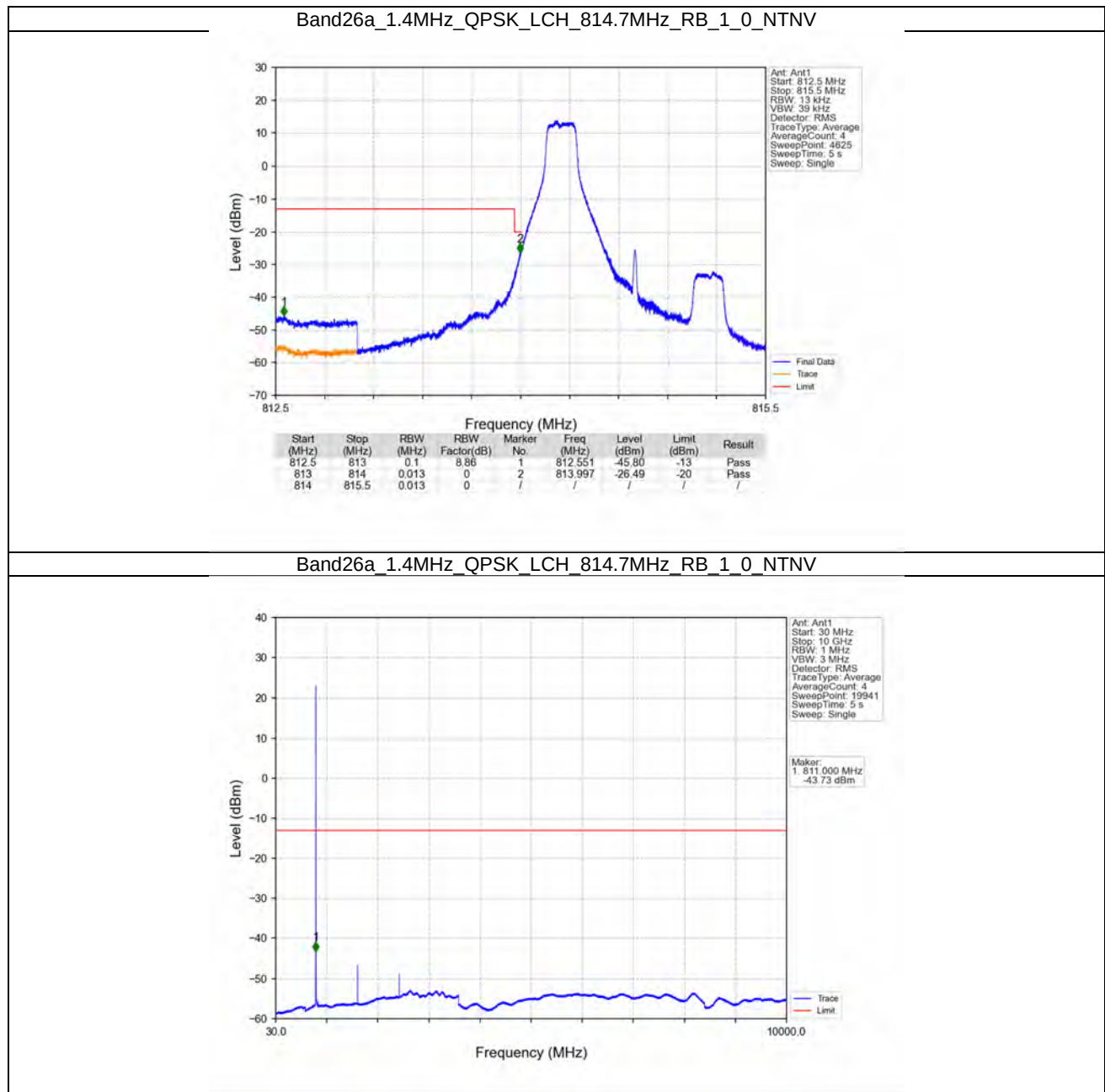
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## 6.1.2 Test Graph



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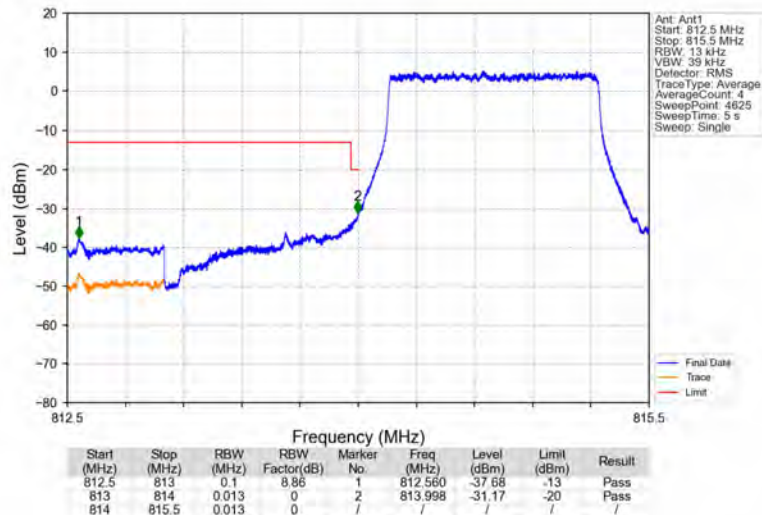
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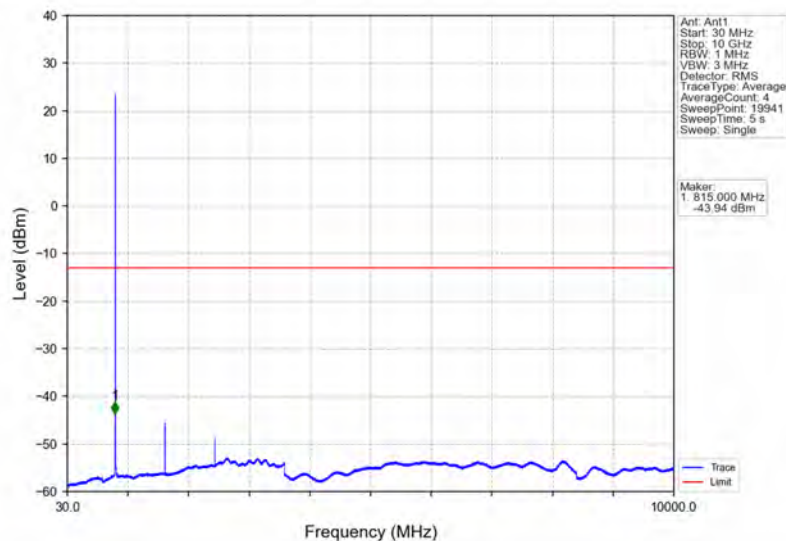
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Band26a\_1.4MHz\_QPSK\_LCH\_814.7MHz\_RB\_6\_0\_NTNV



Band26a\_1.4MHz\_QPSK\_MCH\_819MHz\_RB\_1\_0\_NTNV



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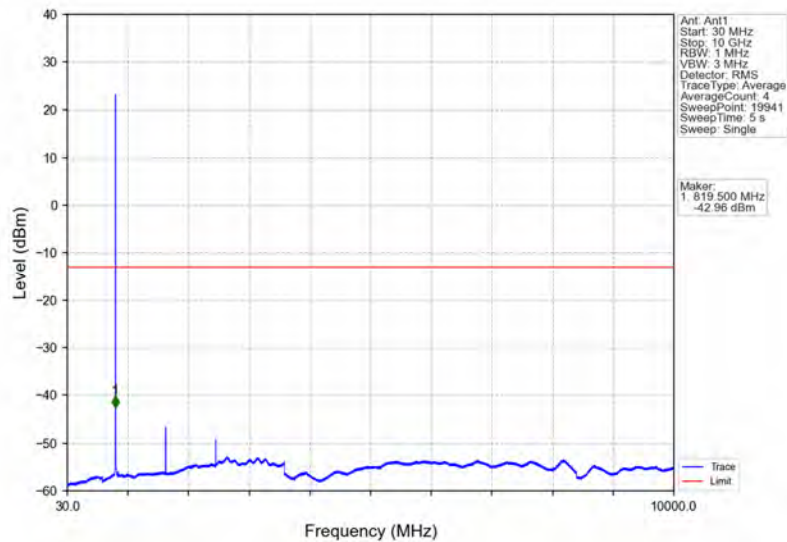
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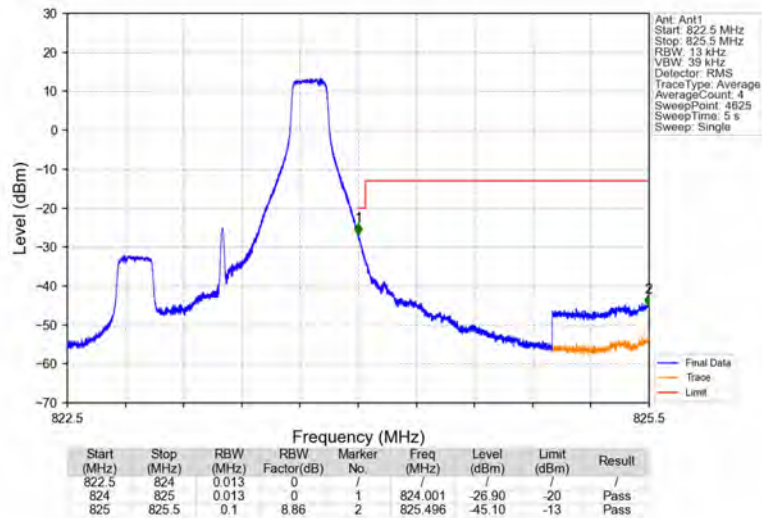
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Band26a\_1.4MHz\_QPSK\_HCH\_823.3MHz\_RB\_1\_0\_NTNV



Band26a\_1.4MHz\_QPSK\_HCH\_823.3MHz\_RB\_1\_5\_NTNV



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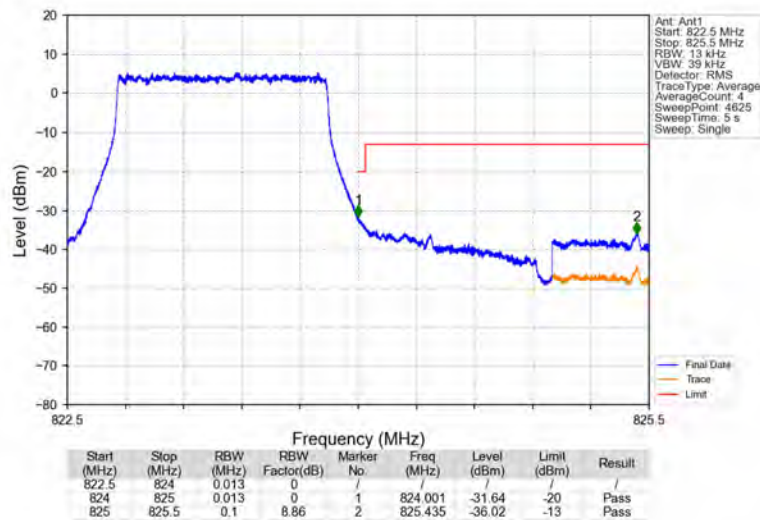
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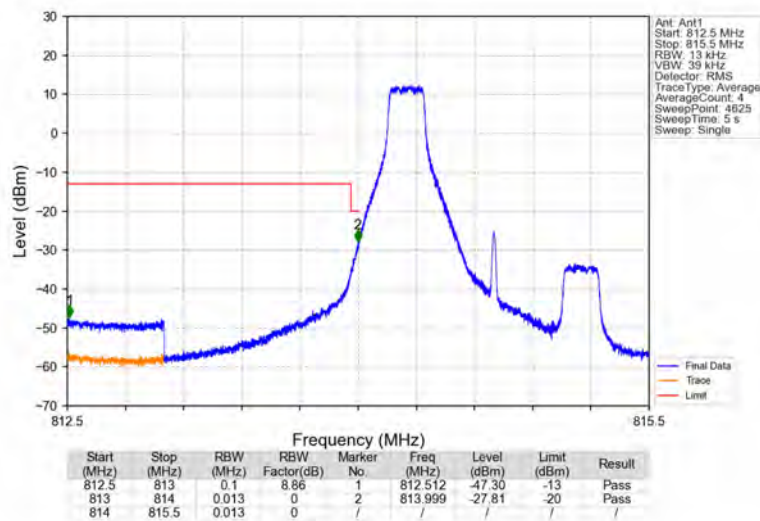
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Band26a\_1.4MHz\_QPSK\_HCH\_823.3MHz\_RB\_6\_0\_NTNV



Band26a\_1.4MHz\_16QAM\_LCH\_814.7MHz\_RB\_1\_0\_NTNV



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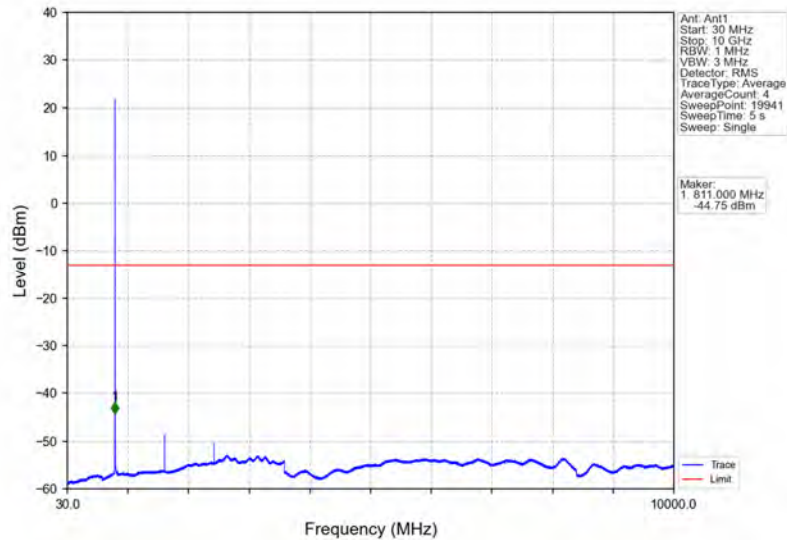
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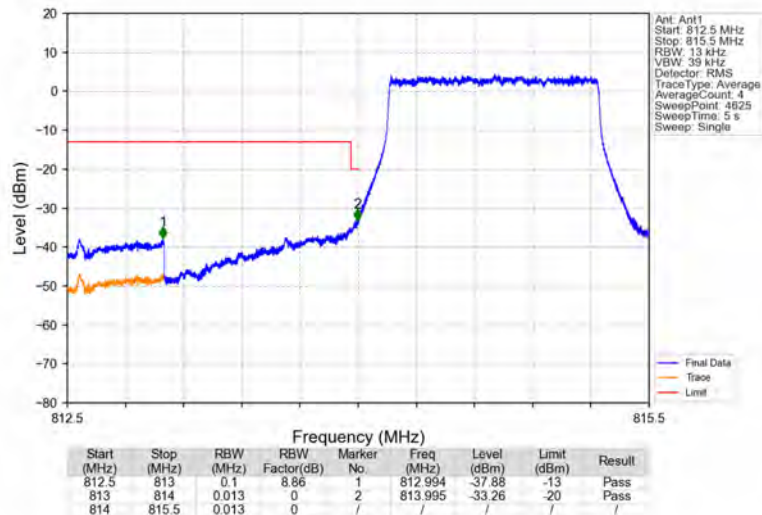
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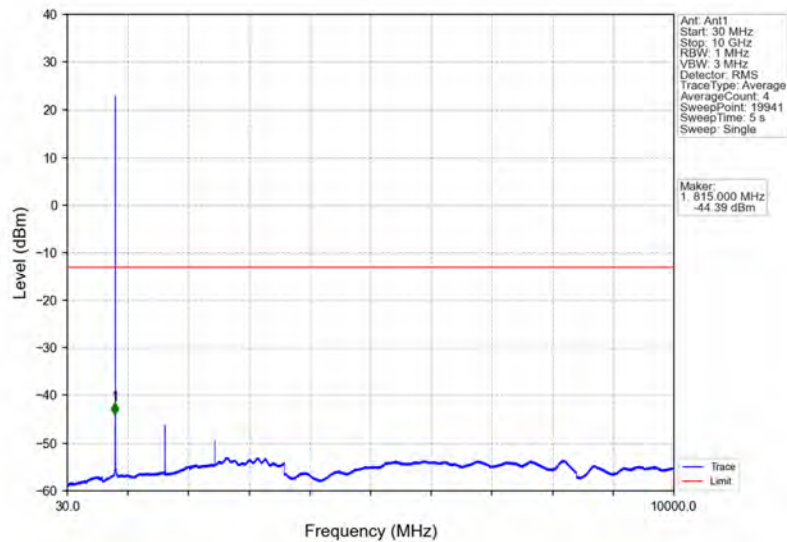
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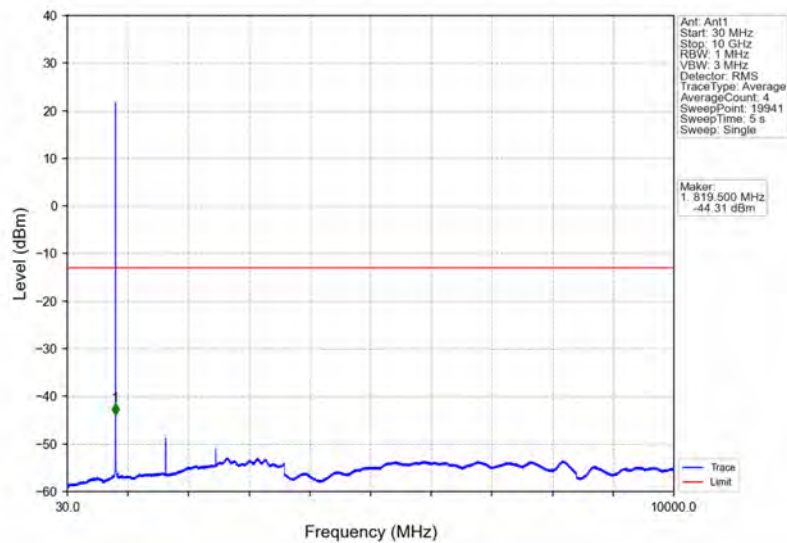
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Band26a\_1.4MHz\_16QAM\_HCH\_823.3MHz\_RB\_1\_0\_NTNV



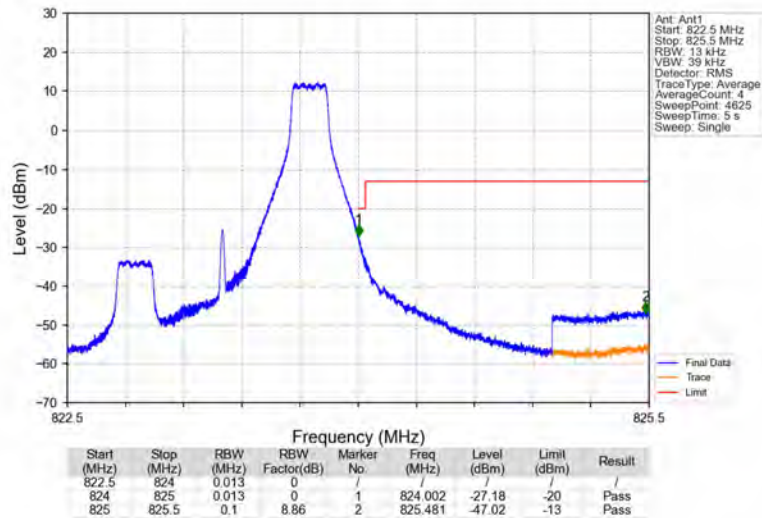
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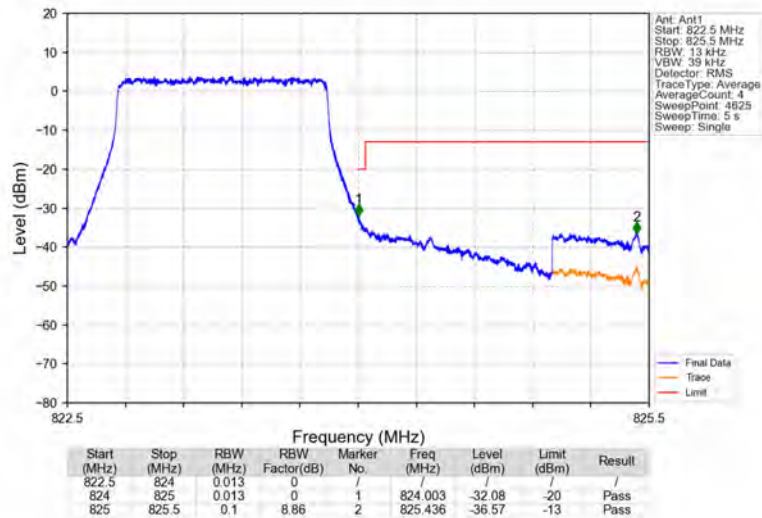
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Band26a\_1.4MHz\_16QAM\_HCH\_823.3MHz\_RB\_6\_0\_NTNV



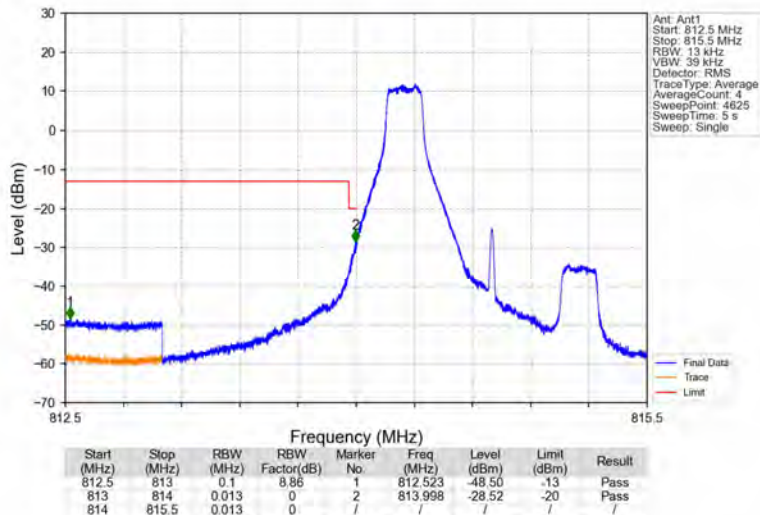
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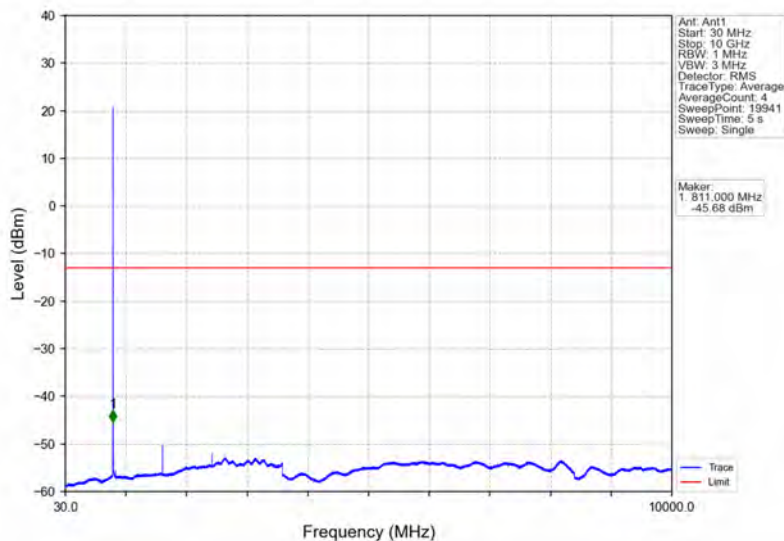
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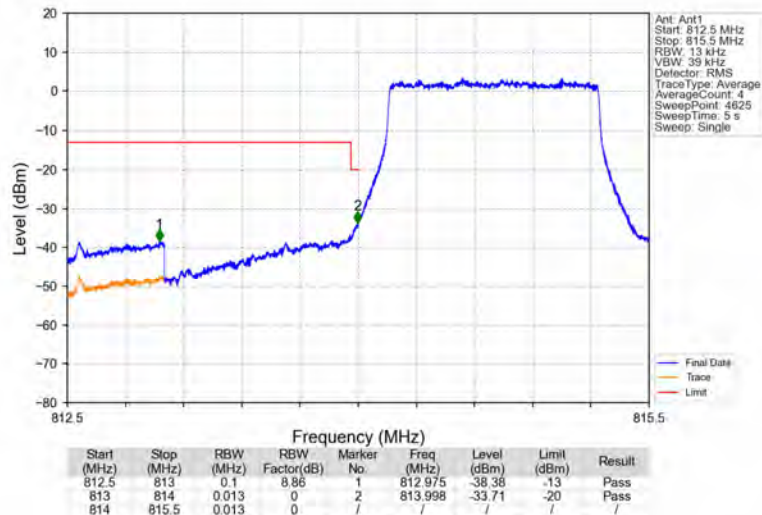
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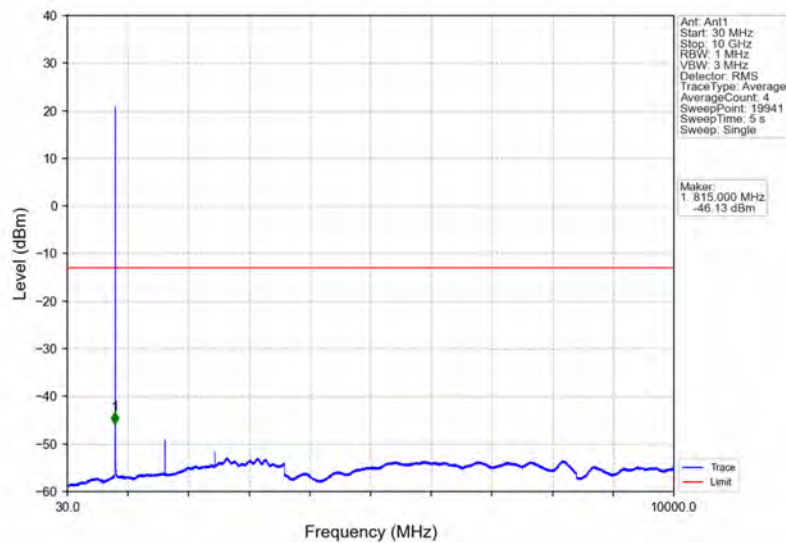
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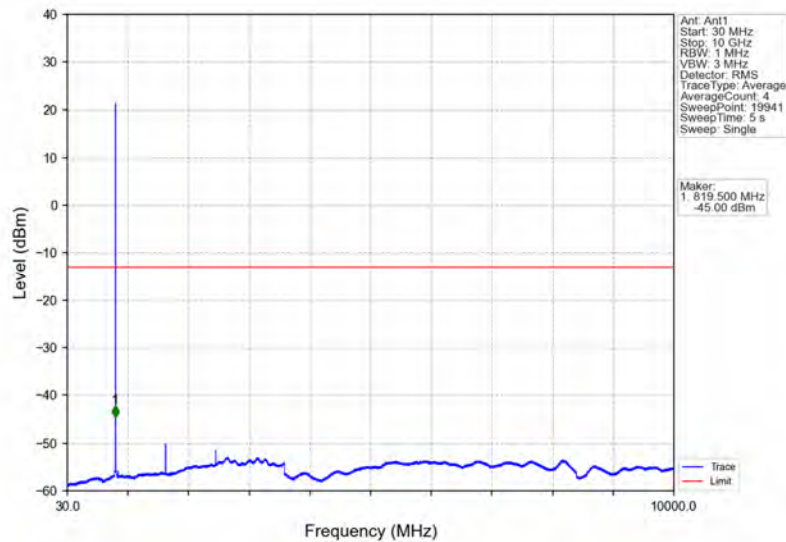
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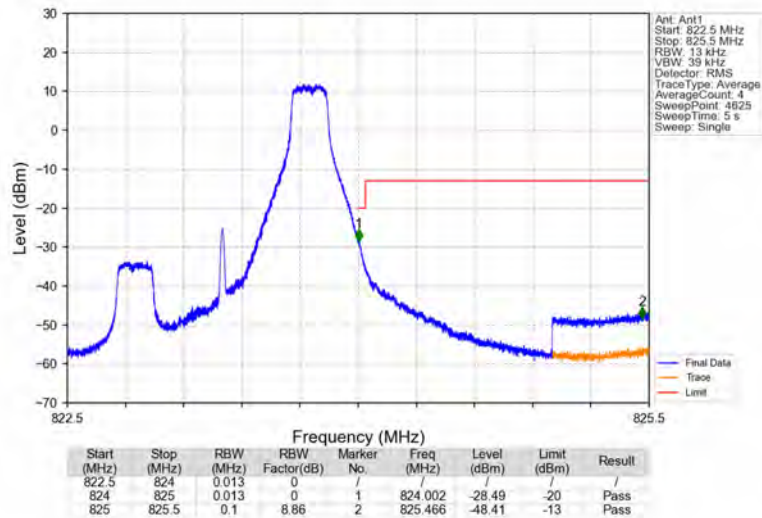
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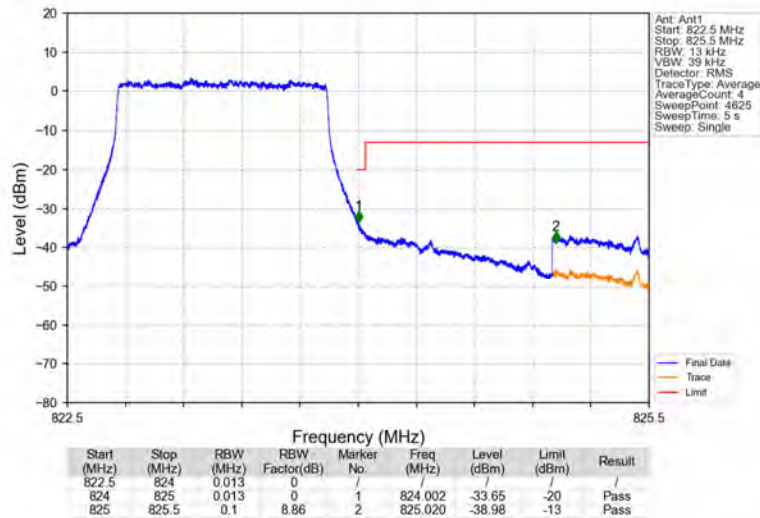
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## 6.2 B26a\_3MHz

### 6.2.1 Test Result

| Band: 26a / Bandwidth: 3MHz / NTV |                 |               |        |                     |       |
|-----------------------------------|-----------------|---------------|--------|---------------------|-------|
| Modulation                        | Frequency (MHz) | RB Allocation |        | Spurious Emission   |       |
|                                   |                 | Size          | Offset | Result              | Limit |
| QPSK                              | 815.5           | 1             | 0      | Refer To Test Graph | Pass  |
|                                   |                 | 15            | 0      | Refer To Test Graph | Pass  |
|                                   | 819             | 1             | 0      | Refer To Test Graph | Pass  |
|                                   | 822.5           | 1             | 0      | Refer To Test Graph | Pass  |
|                                   |                 |               | 14     | Refer To Test Graph | Pass  |
|                                   |                 | 15            | 0      | Refer To Test Graph | Pass  |
| 16QAM                             | 815.5           | 1             | 0      | Refer To Test Graph | Pass  |
|                                   |                 | 15            | 0      | Refer To Test Graph | Pass  |
|                                   | 819             | 1             | 0      | Refer To Test Graph | Pass  |
|                                   | 822.5           | 1             | 0      | Refer To Test Graph | Pass  |
|                                   |                 |               | 14     | Refer To Test Graph | Pass  |
|                                   |                 | 15            | 0      | Refer To Test Graph | Pass  |
| 64QAM                             | 815.5           | 1             | 0      | Refer To Test Graph | Pass  |
|                                   |                 | 15            | 0      | Refer To Test Graph | Pass  |
|                                   | 819             | 1             | 0      | Refer To Test Graph | Pass  |
|                                   | 822.5           | 1             | 0      | Refer To Test Graph | Pass  |
|                                   |                 |               | 14     | Refer To Test Graph | Pass  |
|                                   |                 | 15            | 0      | Refer To Test Graph | Pass  |



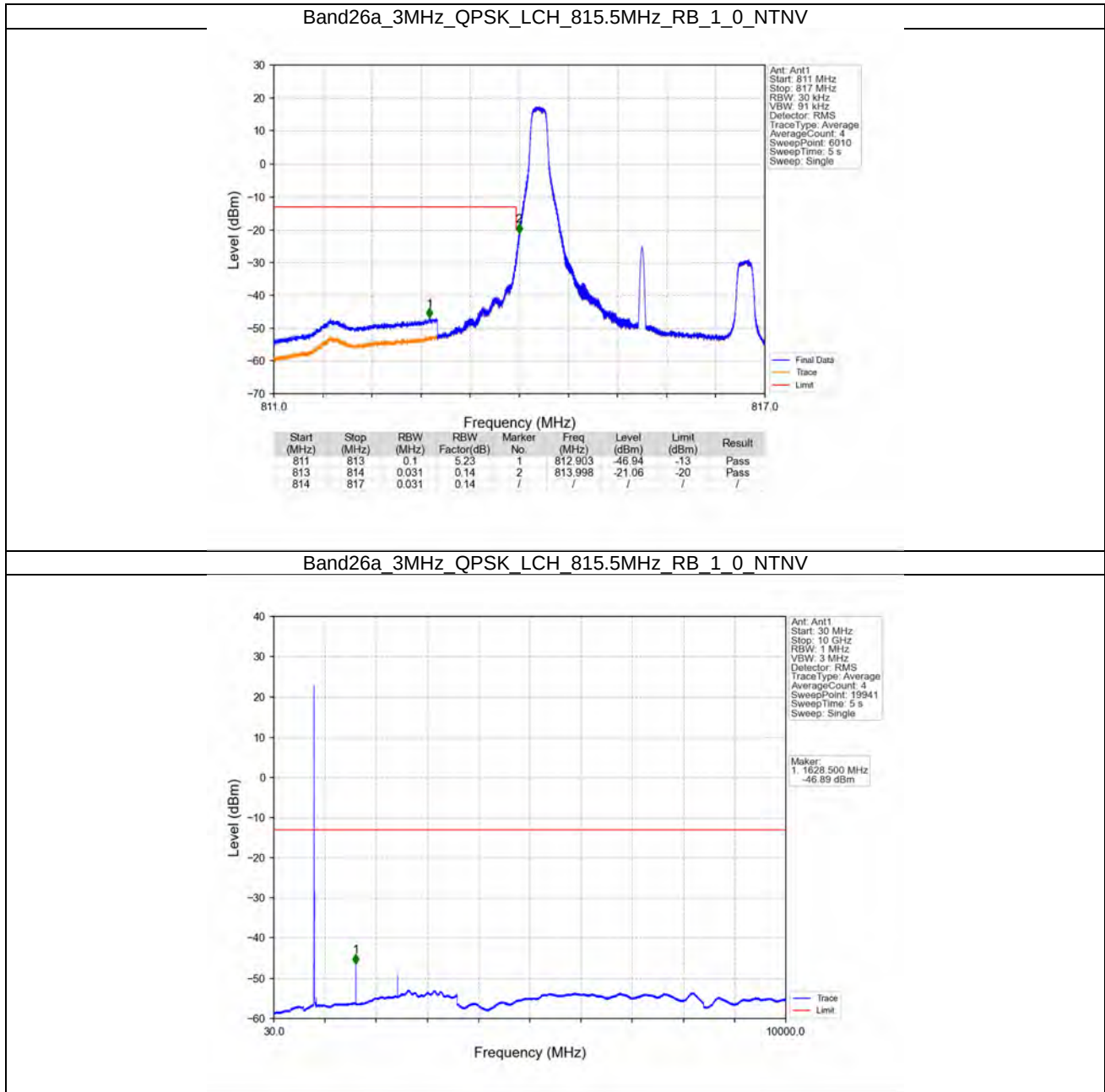
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## 6.2.2 Test Graph



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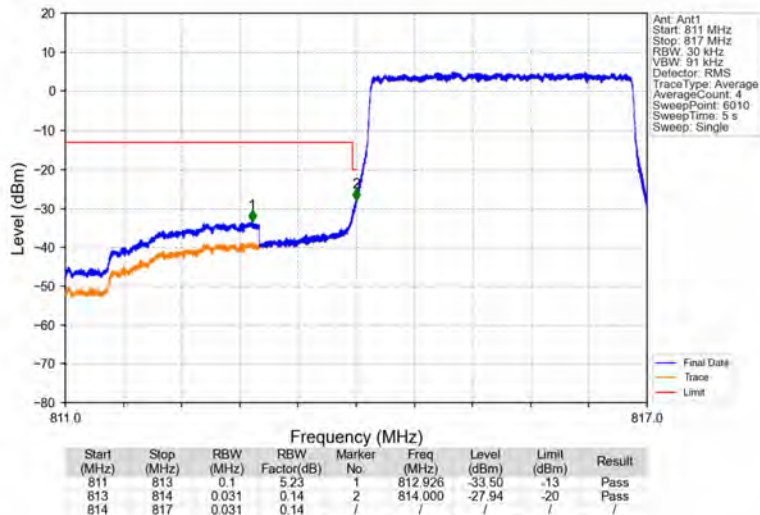
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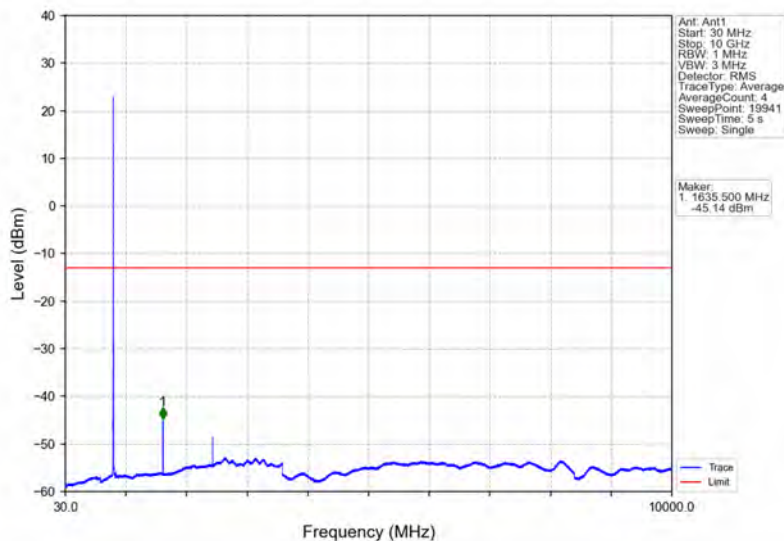
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Band26a\_3MHz\_QPSK\_LCH\_815.5MHz\_RB\_15\_0\_NTNV



Band26a\_3MHz\_QPSK\_MCH\_819MHz\_RB\_1\_0\_NTNV



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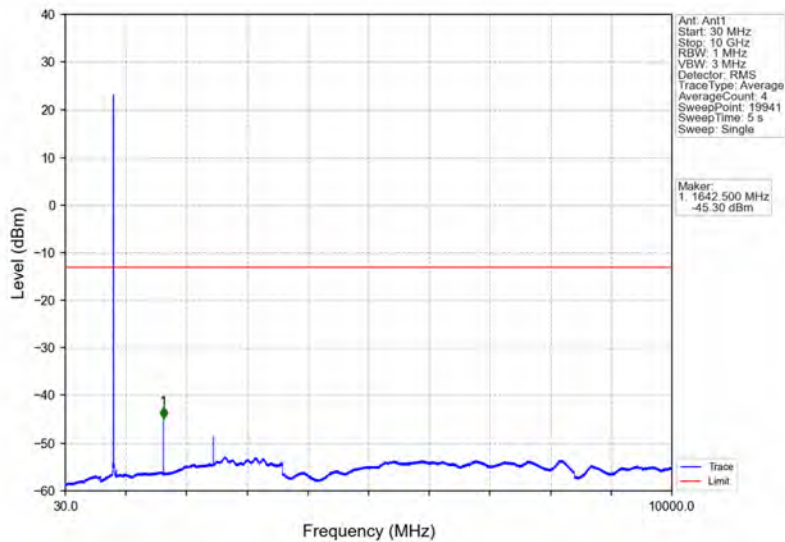
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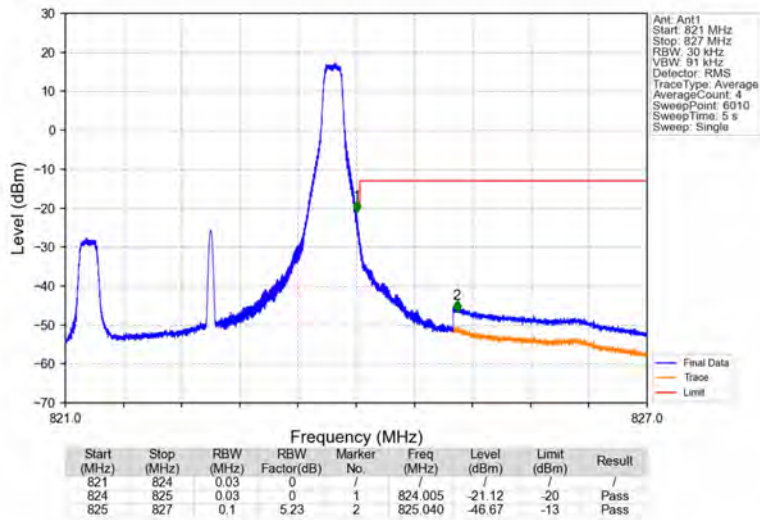
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Band26a\_3MHz\_QPSK\_HCH\_822.5MHz\_RB\_1\_0\_NTNV



Band26a\_3MHz\_QPSK\_HCH\_822.5MHz\_RB\_1\_14\_NTNV



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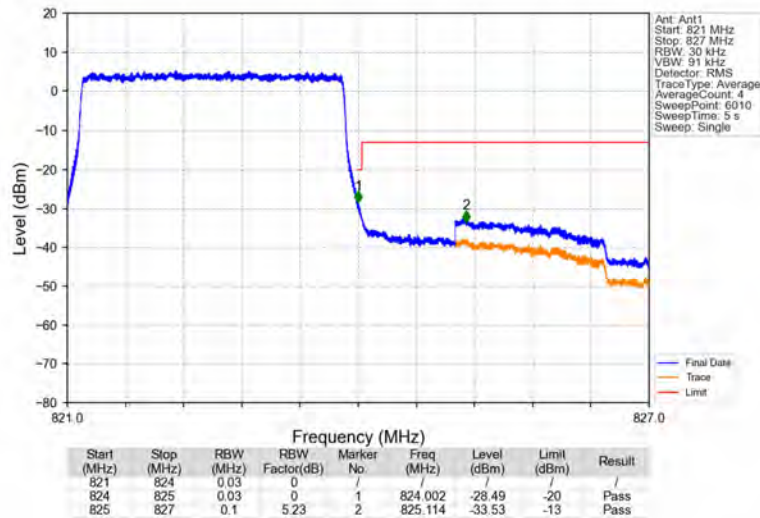
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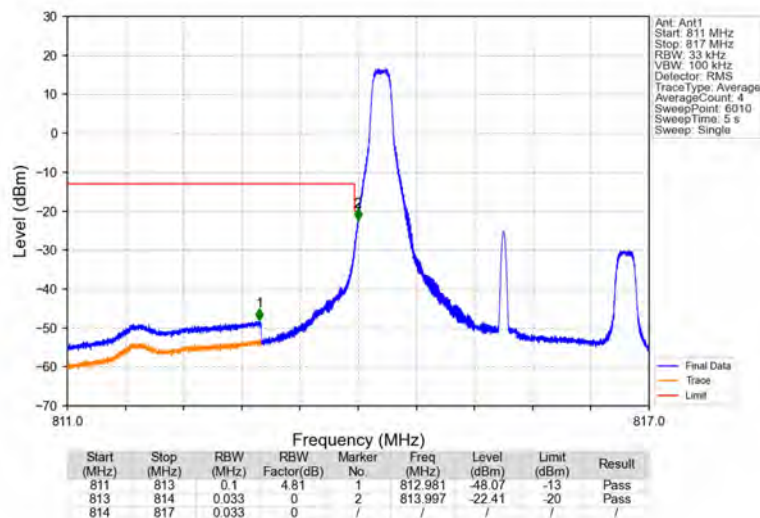
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Band26a\_3MHz\_QPSK\_HCH\_822.5MHz\_RB\_15\_0\_NTNV



Band26a\_3MHz\_16QAM\_LCH\_815.5MHz\_RB\_1\_0\_NTNV



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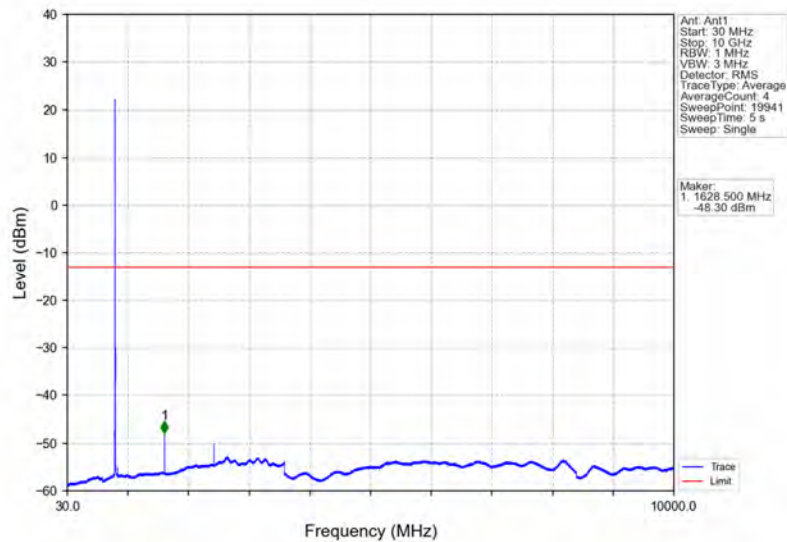
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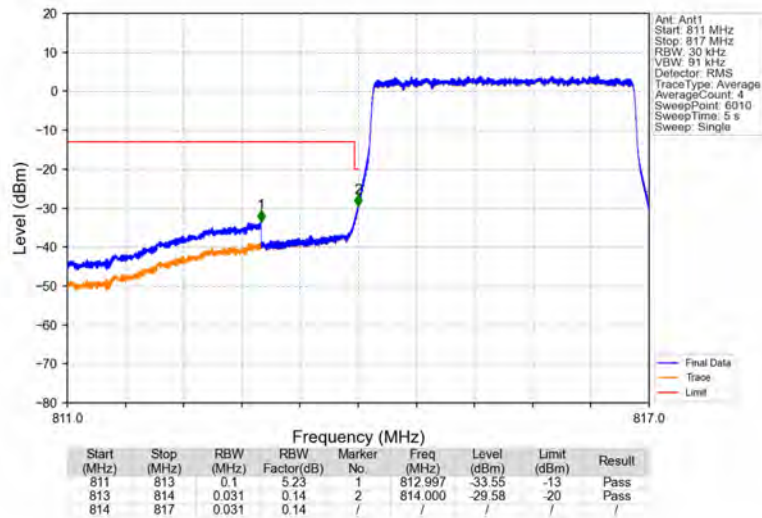
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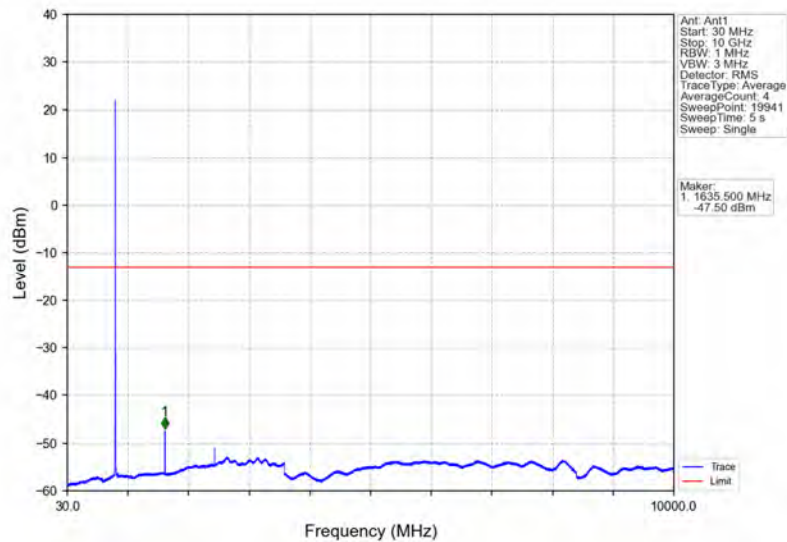
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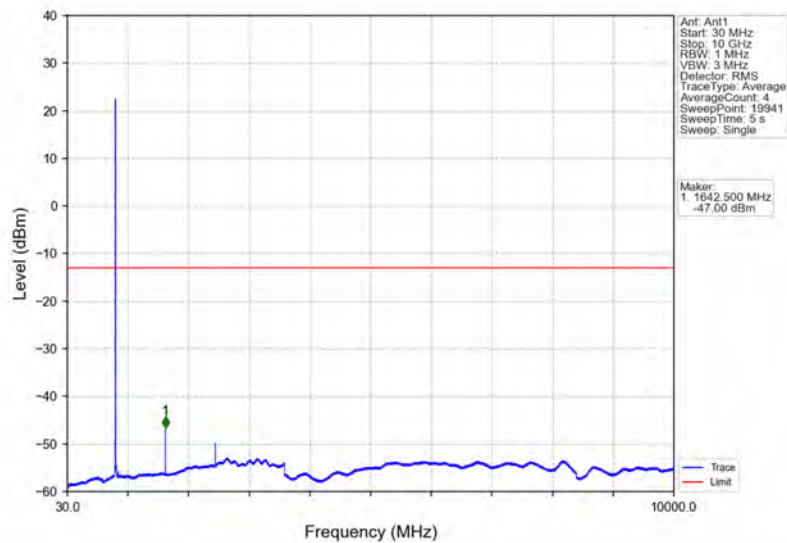
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Band26a\_3MHz\_16QAM\_HCH\_822.5MHz\_RB\_1\_0\_NTNV



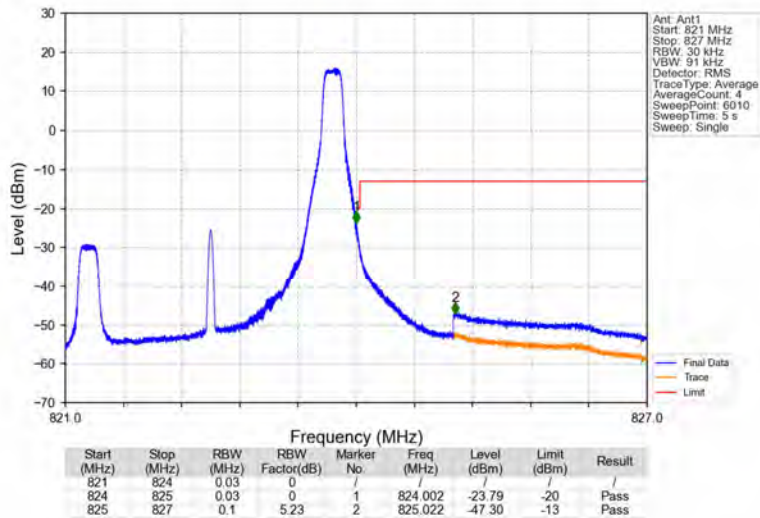
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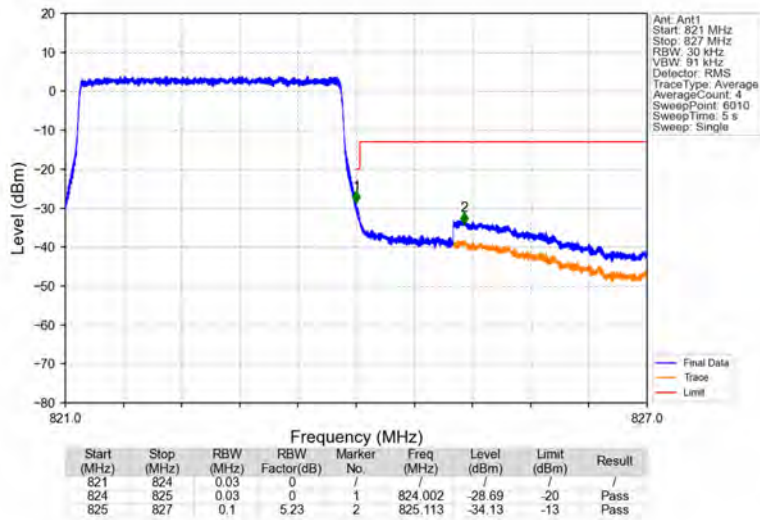
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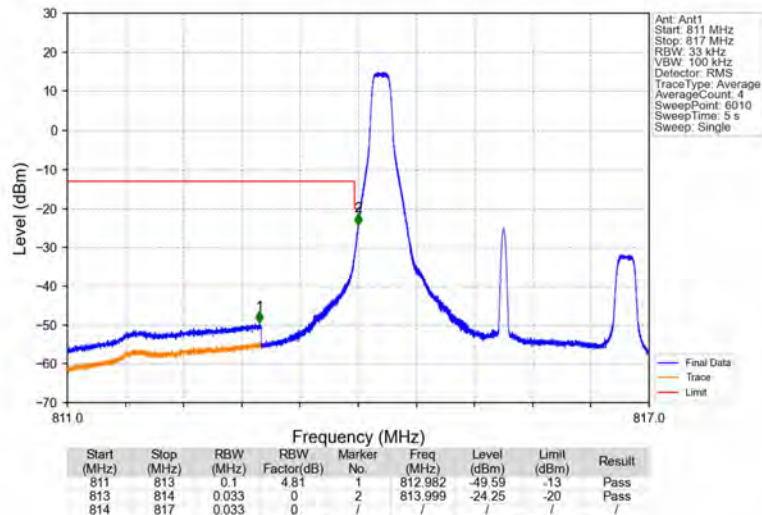
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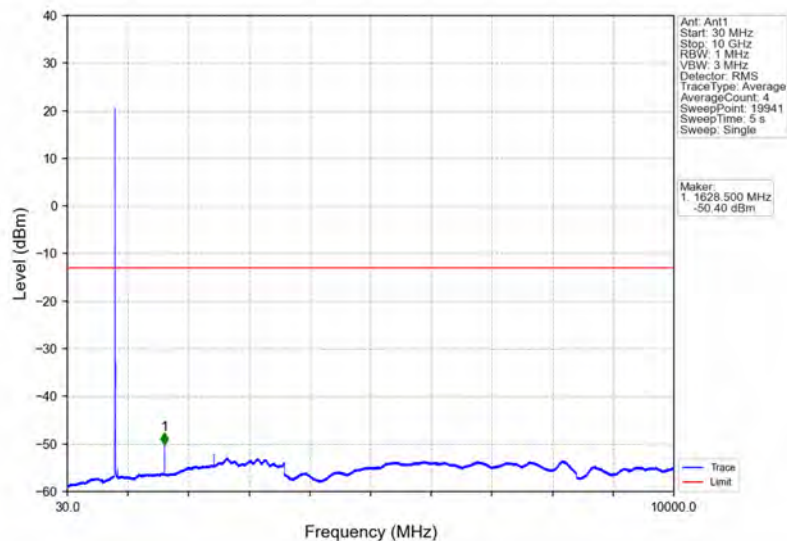
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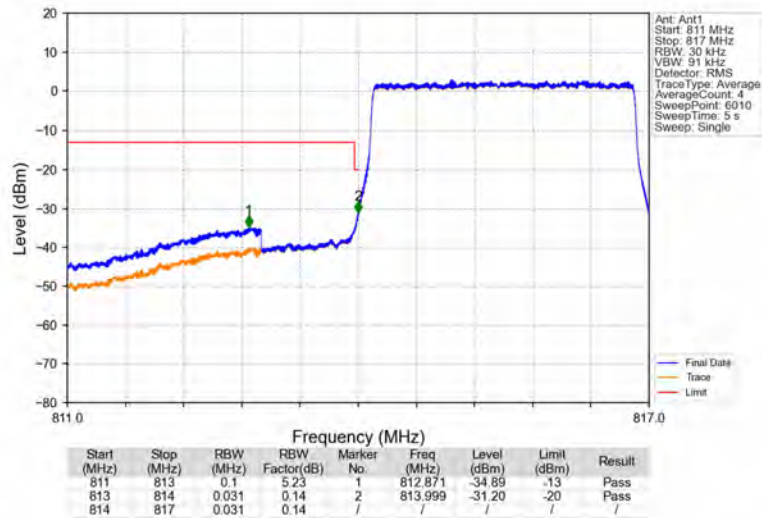
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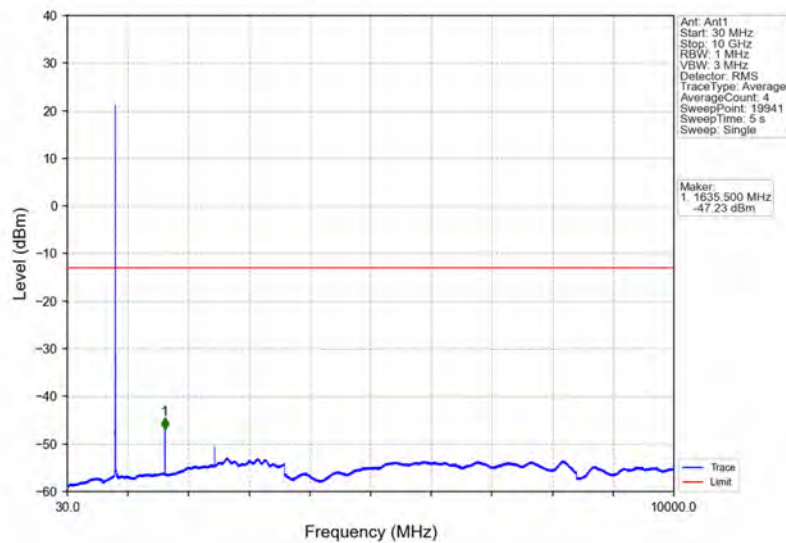
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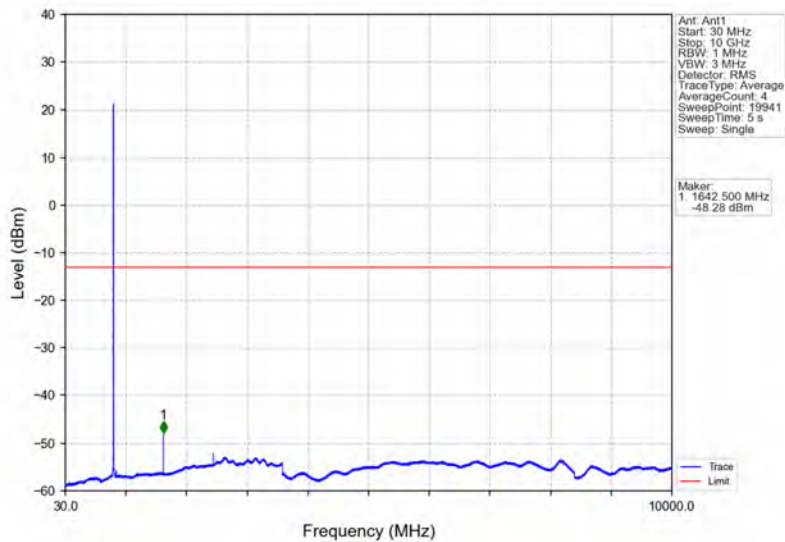
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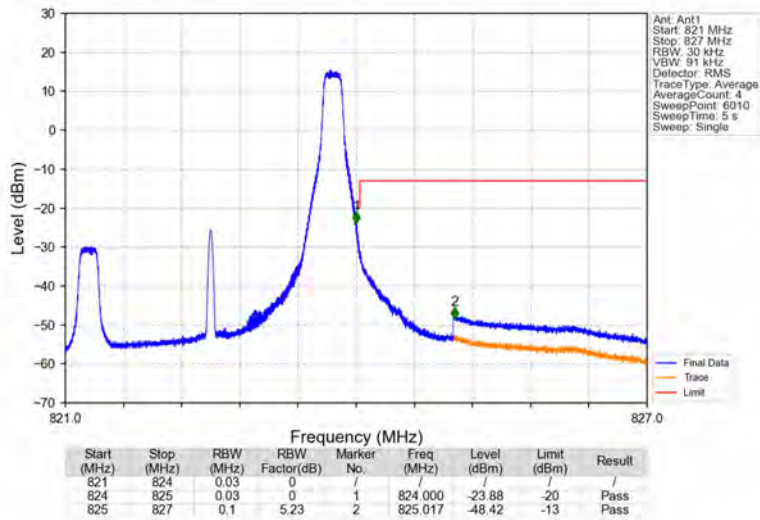
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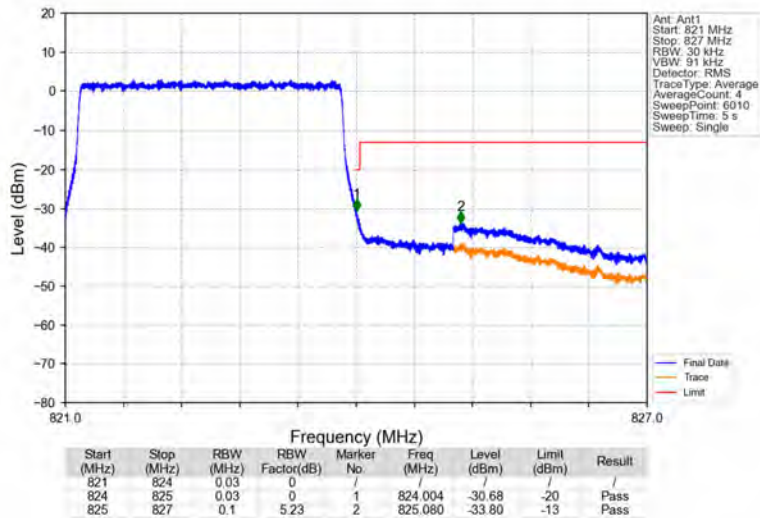
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## 6.3 B26a\_5MHz

### 6.3.1 Test Result

| Band: 26a / Bandwidth: 5MHz / NTV |                 |               |        |                     |       |
|-----------------------------------|-----------------|---------------|--------|---------------------|-------|
| Modulation                        | Frequency (MHz) | RB Allocation |        | Spurious Emission   |       |
|                                   |                 | Size          | Offset | Result              | Limit |
| QPSK                              | 816.5           | 1             | 0      | Refer To Test Graph | Pass  |
|                                   |                 | 25            | 0      | Refer To Test Graph | Pass  |
|                                   | 819             | 1             | 0      | Refer To Test Graph | Pass  |
|                                   | 821.5           | 1             | 0      | Refer To Test Graph | Pass  |
|                                   |                 |               | 24     | Refer To Test Graph | Pass  |
|                                   |                 | 25            | 0      | Refer To Test Graph | Pass  |
| 16QAM                             | 816.5           | 1             | 0      | Refer To Test Graph | Pass  |
|                                   |                 | 25            | 0      | Refer To Test Graph | Pass  |
|                                   | 819             | 1             | 0      | Refer To Test Graph | Pass  |
|                                   | 821.5           | 1             | 0      | Refer To Test Graph | Pass  |
|                                   |                 |               | 24     | Refer To Test Graph | Pass  |
|                                   |                 | 25            | 0      | Refer To Test Graph | Pass  |
| 64QAM                             | 816.5           | 1             | 0      | Refer To Test Graph | Pass  |
|                                   |                 | 25            | 0      | Refer To Test Graph | Pass  |
|                                   | 819             | 1             | 0      | Refer To Test Graph | Pass  |
|                                   | 821.5           | 1             | 0      | Refer To Test Graph | Pass  |
|                                   |                 |               | 24     | Refer To Test Graph | Pass  |
|                                   |                 | 25            | 0      | Refer To Test Graph | Pass  |



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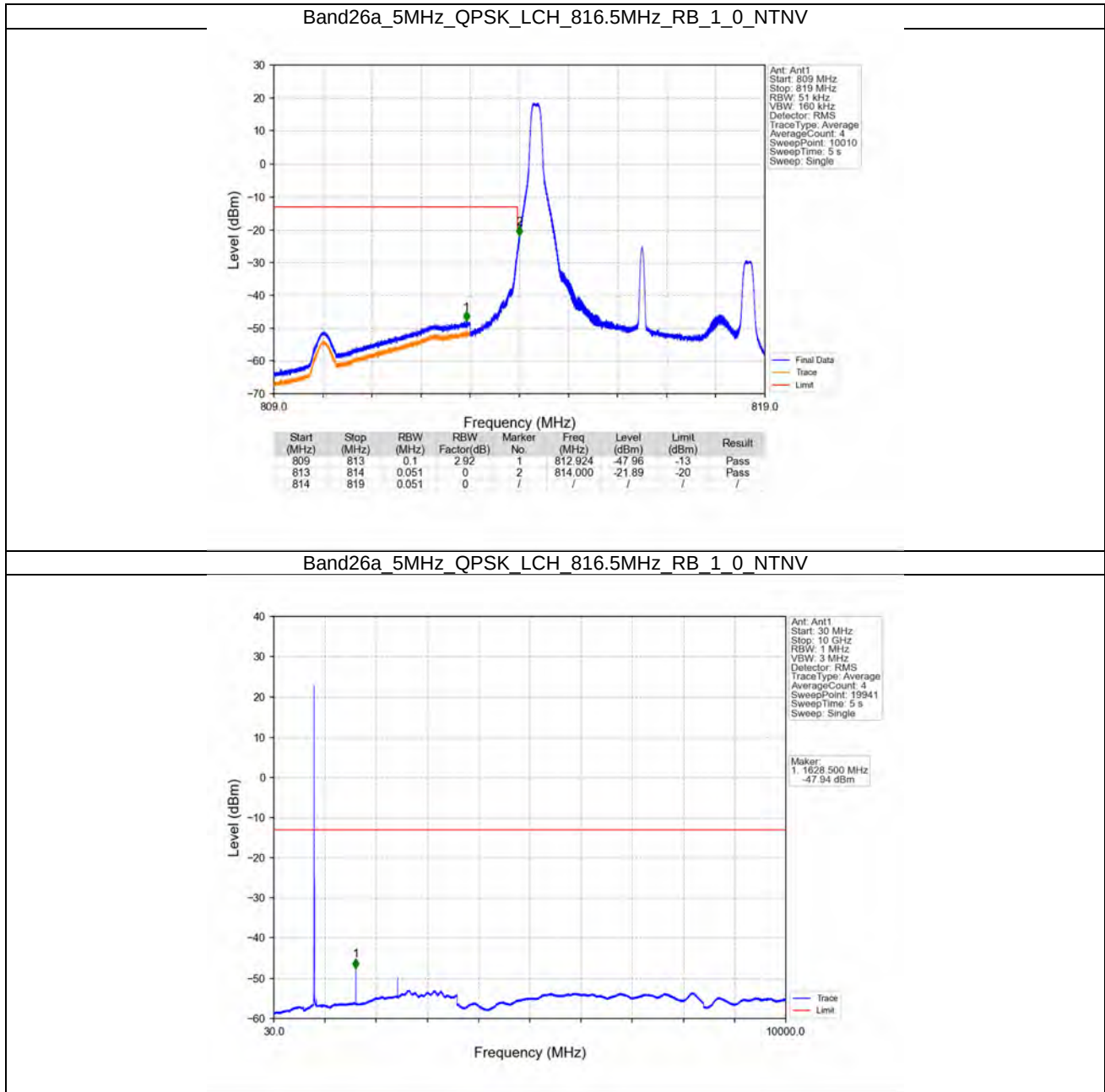
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## 6.3.2 Test Graph



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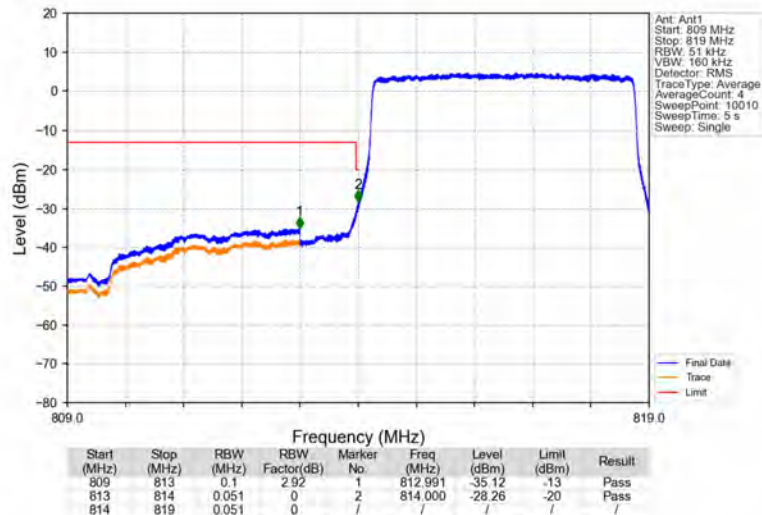
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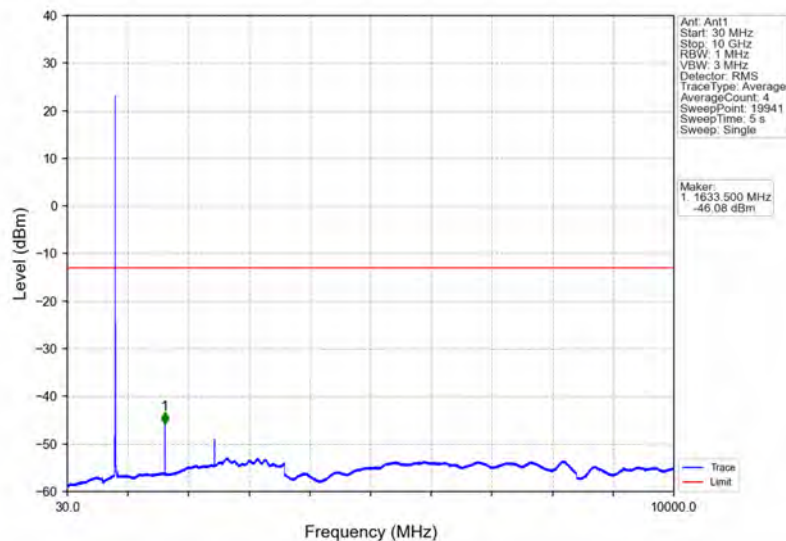
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Band26a\_5MHz\_QPSK\_LCH\_816.5MHz\_RB\_25\_0\_NTNV



Band26a\_5MHz\_QPSK\_MCH\_819MHz\_RB\_1\_0\_NTNV



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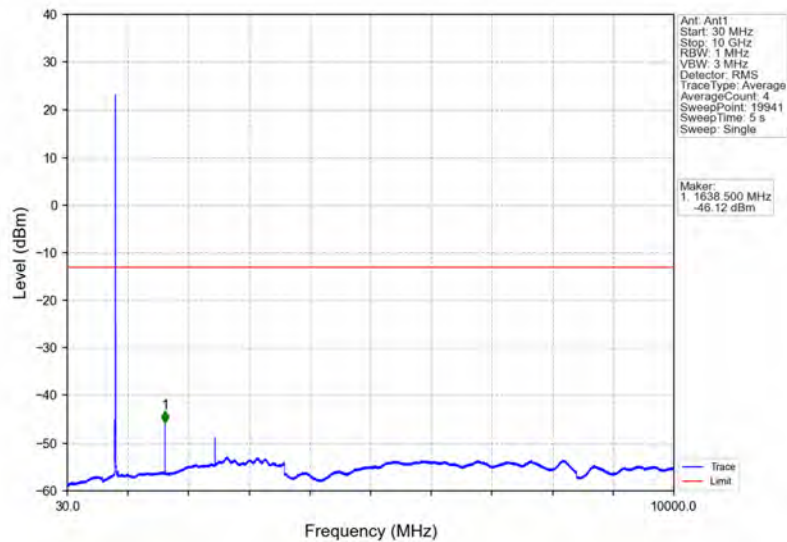
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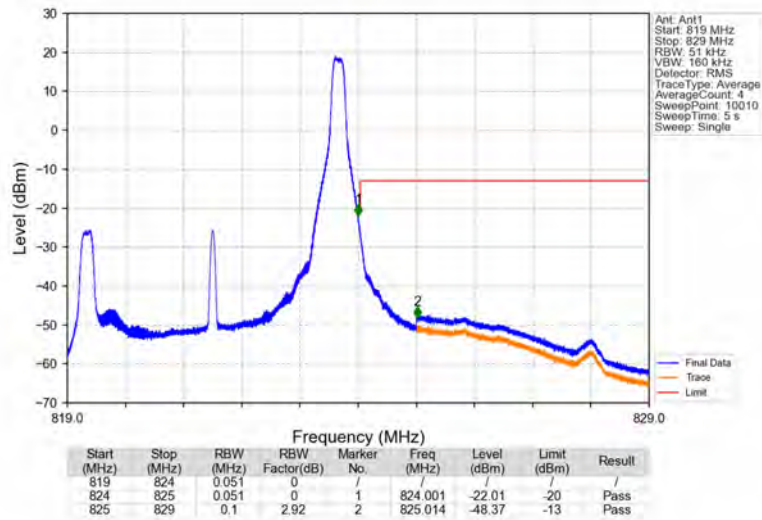
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Band26a\_5MHz\_QPSK\_HCH\_821.5MHz\_RB\_1\_0\_NTNV



Band26a\_5MHz\_QPSK\_HCH\_821.5MHz\_RB\_1\_24\_NTNV



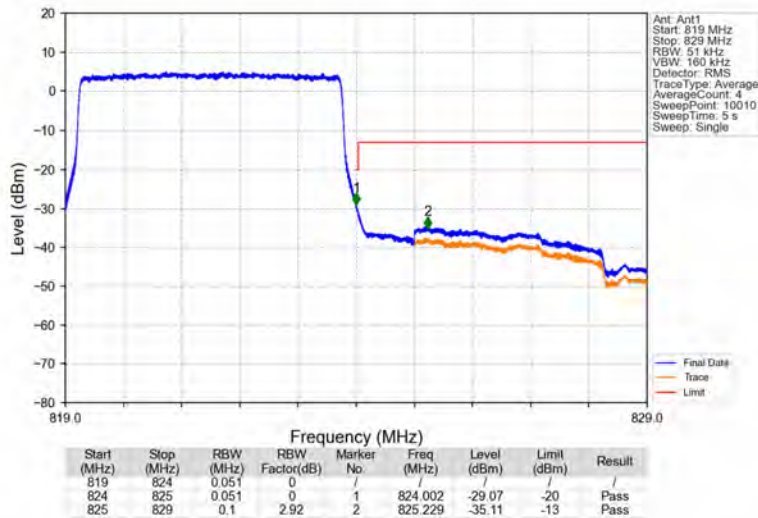
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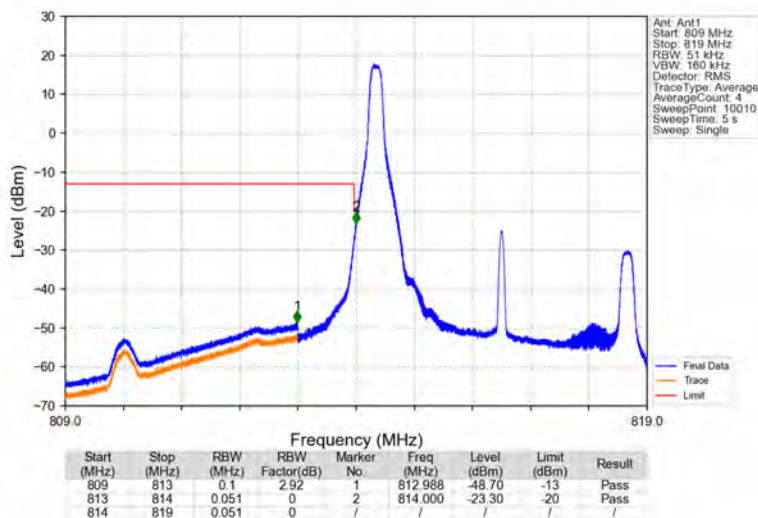
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Band26a\_5MHz\_16QAM\_LCH\_816.5MHz\_RB\_1\_0\_NTNV



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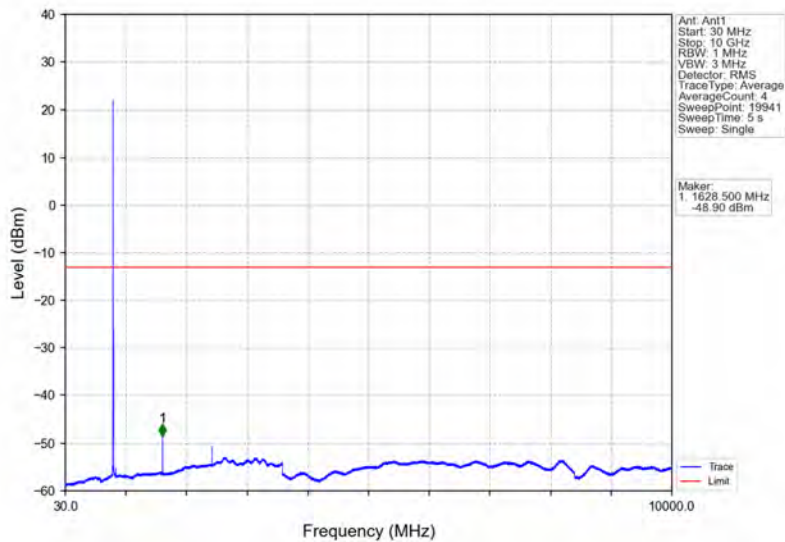
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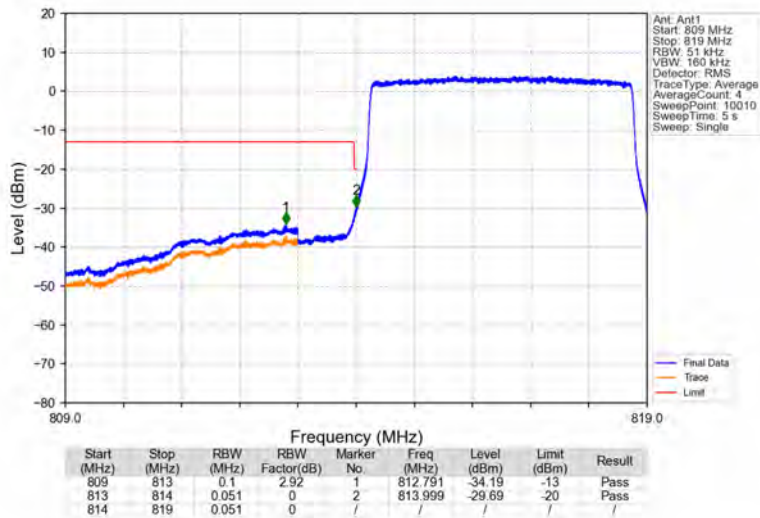
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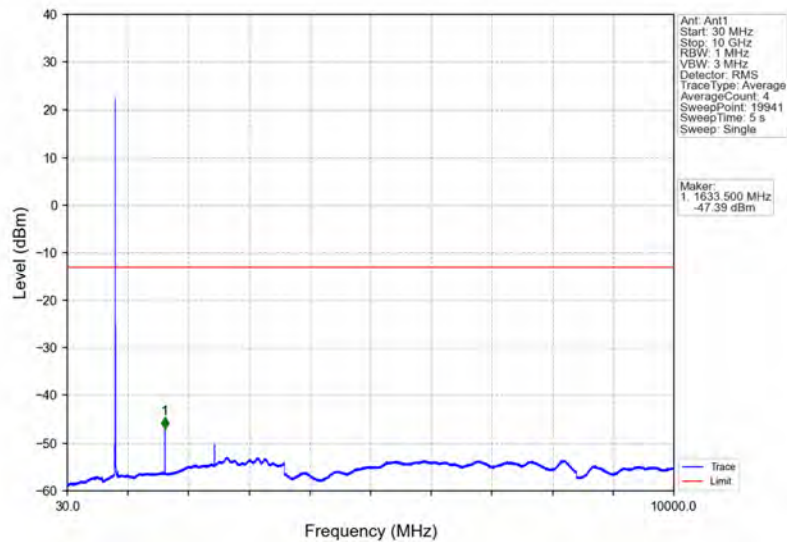
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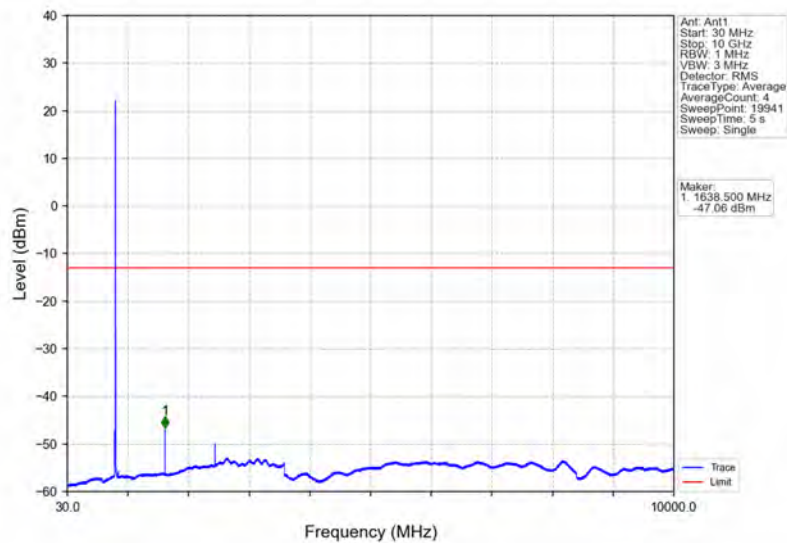
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Band26a\_5MHz\_16QAM\_HCH\_821.5MHz\_RB\_1\_0\_NTNV



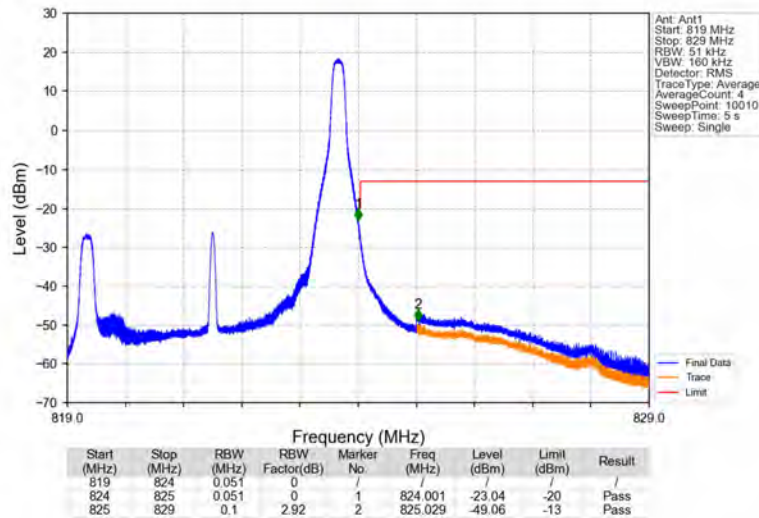
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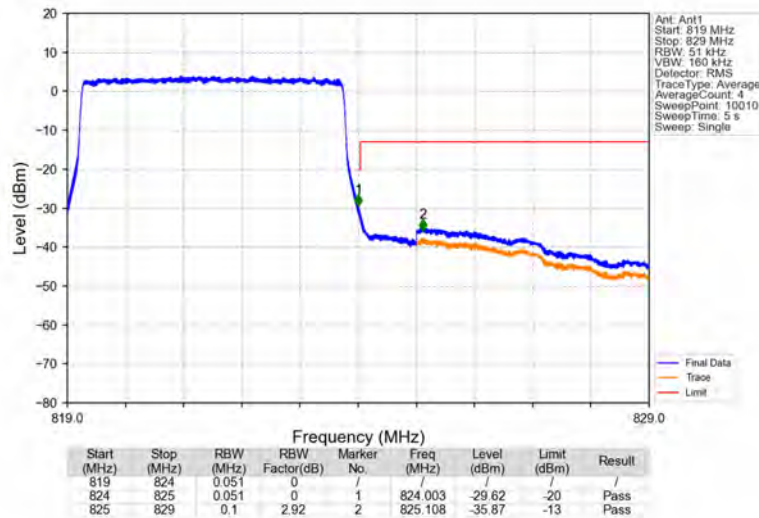
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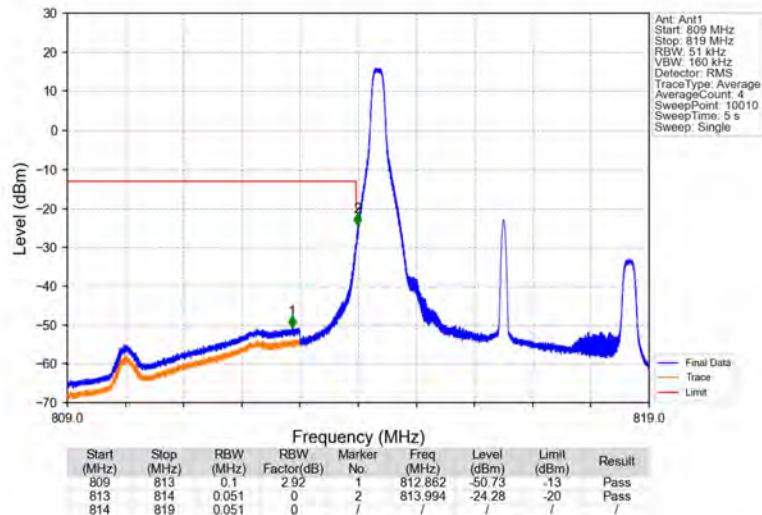
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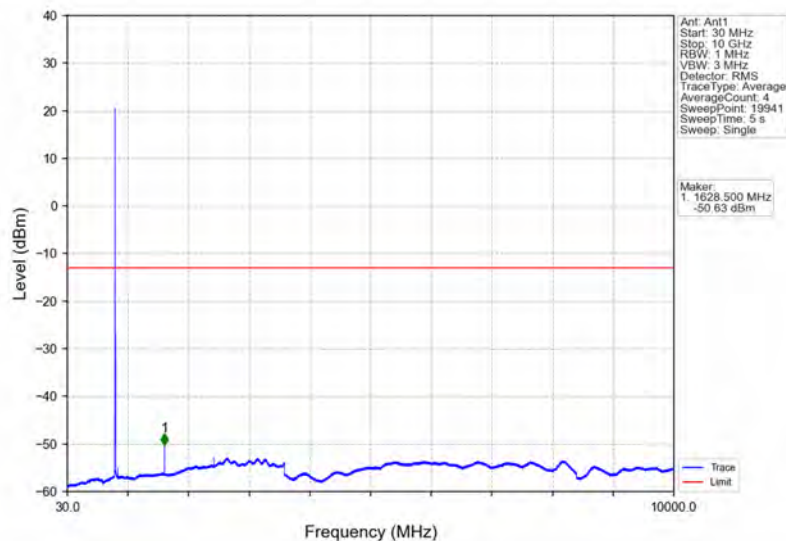
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Band26a\_5MHz\_64QAM\_LCH\_816.5MHz\_RB\_1\_0\_NTNV



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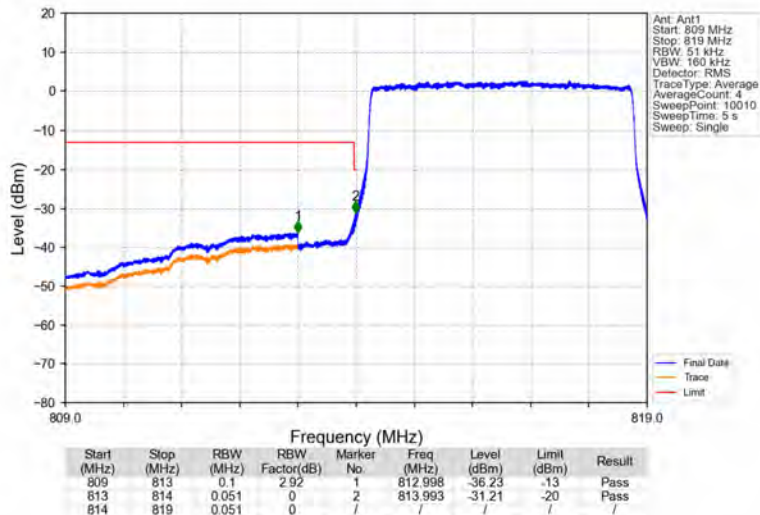
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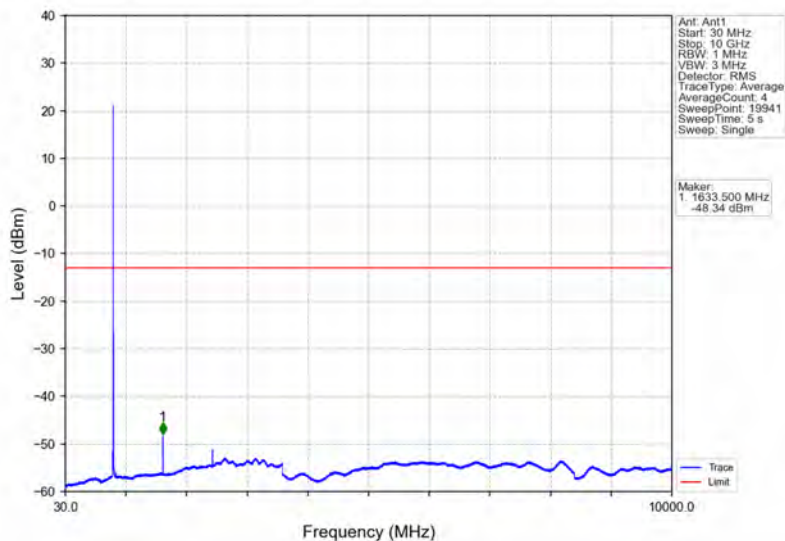
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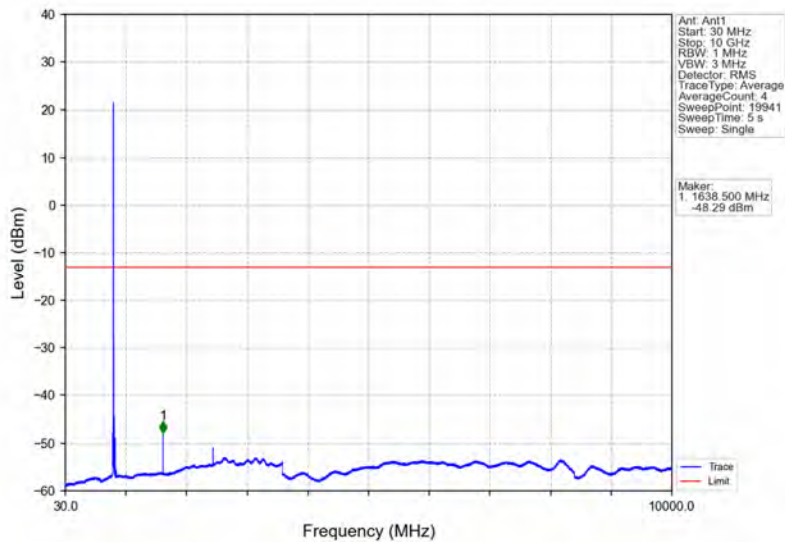
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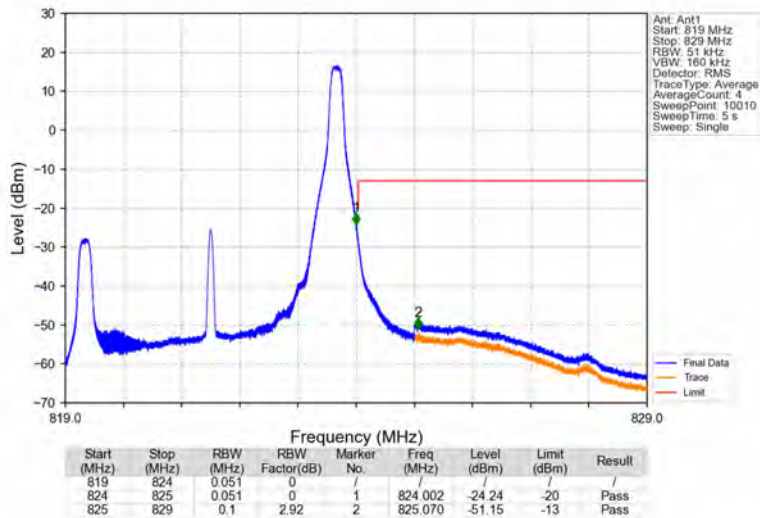
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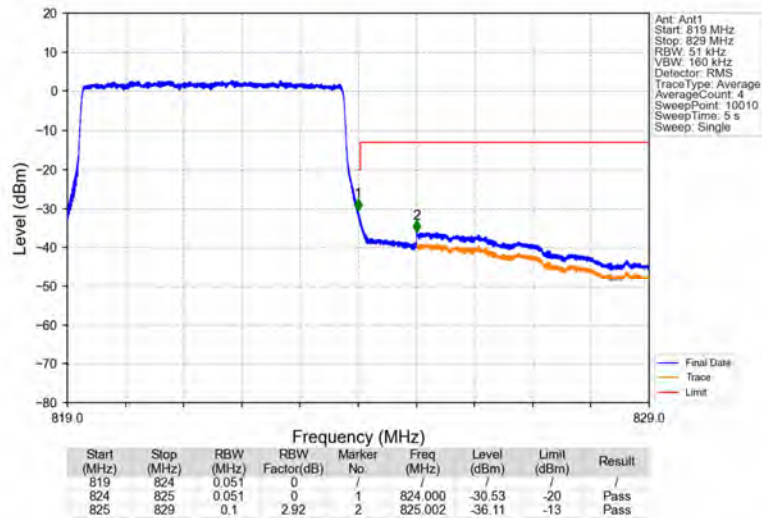
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## 6.4 B26a\_10MHz

### 6.4.1 Test Result

| Band: 26a / Bandwidth: 10MHz / NTNV |                 |               |        |                     |       |
|-------------------------------------|-----------------|---------------|--------|---------------------|-------|
| Modulation                          | Frequency (MHz) | RB Allocation |        | Spurious Emission   |       |
|                                     |                 | Size          | Offset | Result              | Limit |
| QPSK                                | 819             | 1             | 0      | Refer To Test Graph | Pass  |
|                                     |                 | 50            | 0      | Refer To Test Graph | Pass  |
|                                     | 819             | 1             | 0      | Refer To Test Graph | Pass  |
|                                     |                 | 1             | 0      | Refer To Test Graph | Pass  |
|                                     |                 | 49            |        | Refer To Test Graph | Pass  |
|                                     |                 | 50            | 0      | Refer To Test Graph | Pass  |
| 16QAM                               | 819             | 1             | 0      | Refer To Test Graph | Pass  |
|                                     |                 | 50            | 0      | Refer To Test Graph | Pass  |
|                                     | 819             | 1             | 0      | Refer To Test Graph | Pass  |
|                                     |                 | 1             | 0      | Refer To Test Graph | Pass  |
|                                     |                 | 49            |        | Refer To Test Graph | Pass  |
|                                     |                 | 50            | 0      | Refer To Test Graph | Pass  |
| 64QAM                               | 819             | 1             | 0      | Refer To Test Graph | Pass  |
|                                     |                 | 50            | 0      | Refer To Test Graph | Pass  |
|                                     | 819             | 1             | 0      | Refer To Test Graph | Pass  |
|                                     |                 | 1             | 0      | Refer To Test Graph | Pass  |
|                                     |                 | 49            |        | Refer To Test Graph | Pass  |
|                                     |                 | 50            | 0      | Refer To Test Graph | Pass  |



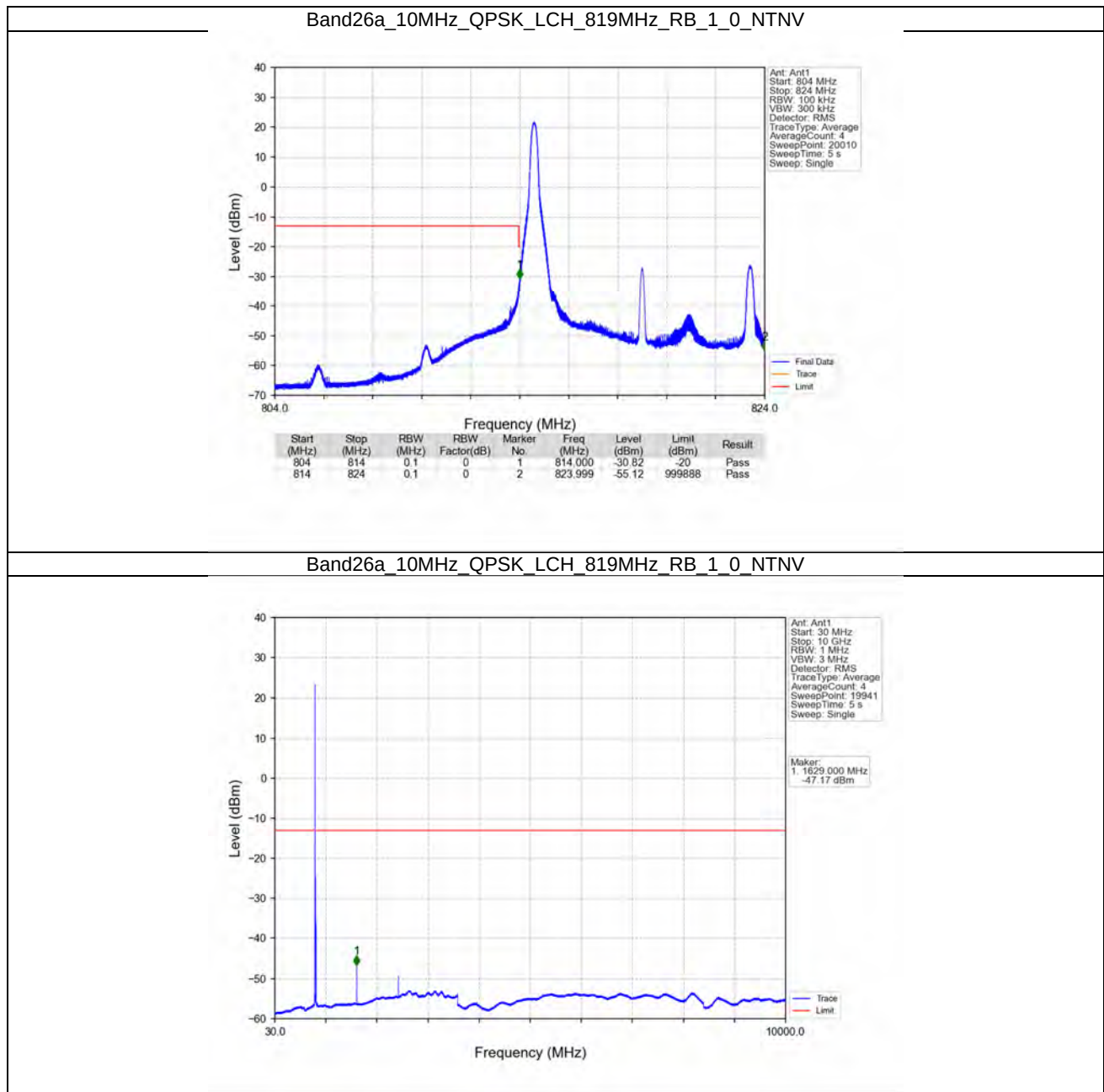
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## 6.4.2 Test Graph



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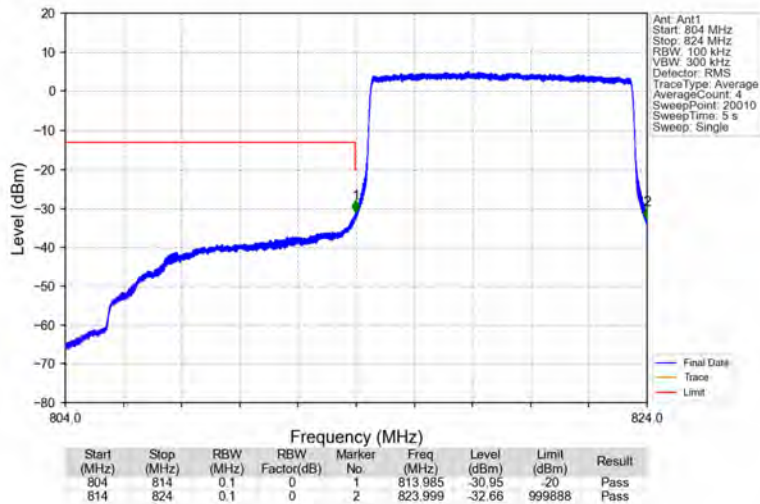
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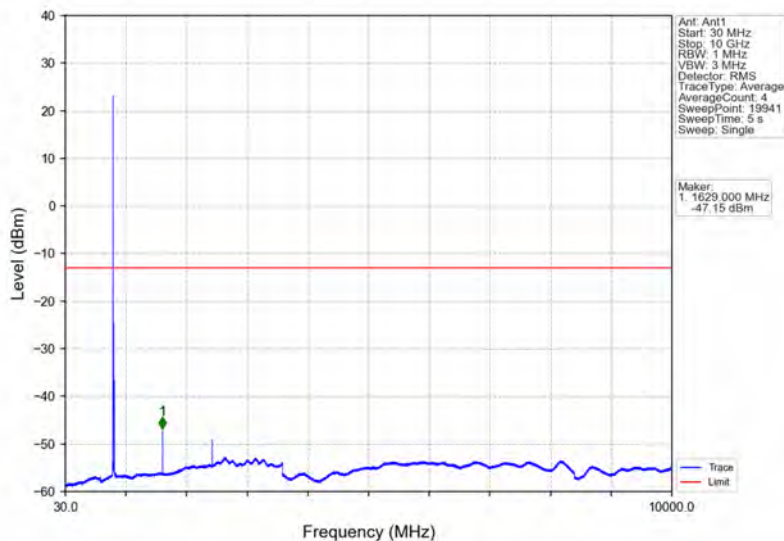
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Band26a\_10MHz\_QPSK\_LCH\_819MHz\_RB\_50\_0\_NTNV



Band26a\_10MHz\_QPSK\_MCH\_819MHz\_RB\_1\_0\_NTNV



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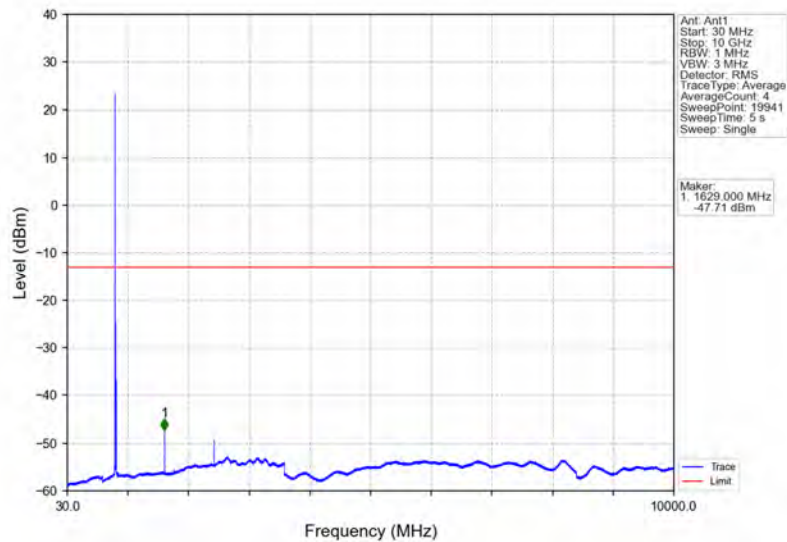
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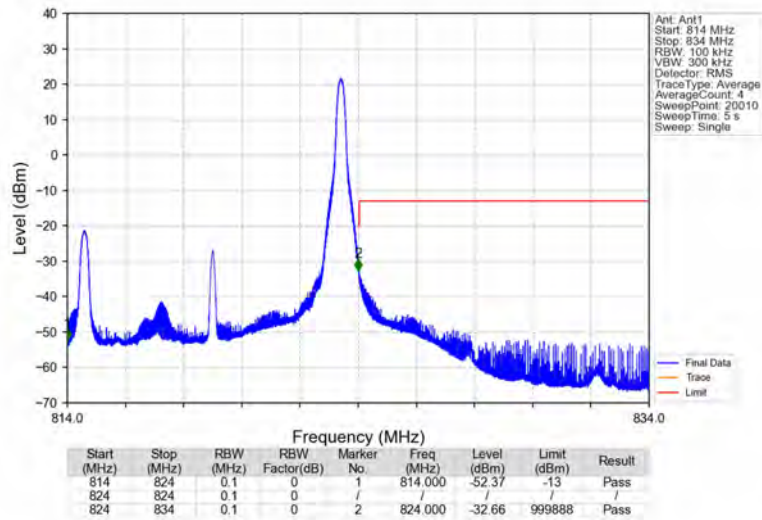
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Band26a\_10MHz\_QPSK\_HCH\_819MHz\_RB\_1\_0\_NTNV



Band26a\_10MHz\_QPSK\_HCH\_819MHz\_RB\_1\_49\_NTNV



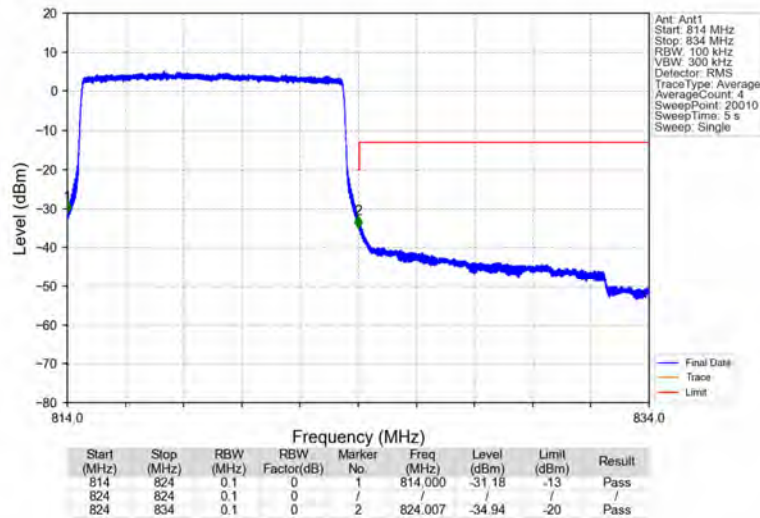
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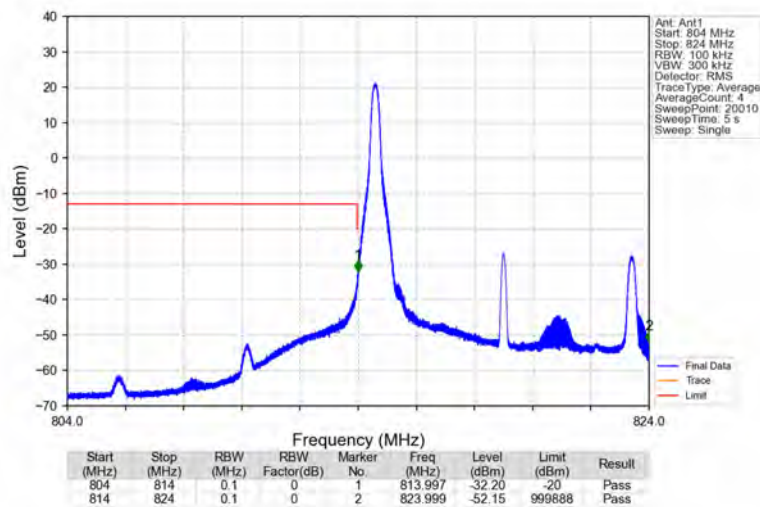
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Band26a\_10MHz\_QPSK\_HCH\_819MHz\_RB\_50\_0\_NTNV



Band26a\_10MHz\_16QAM\_LCH\_819MHz\_RB\_1\_0\_NTNV



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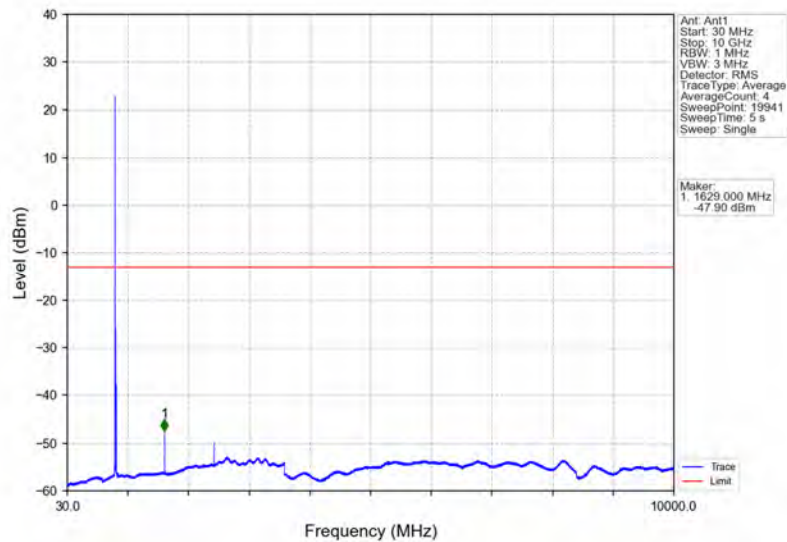
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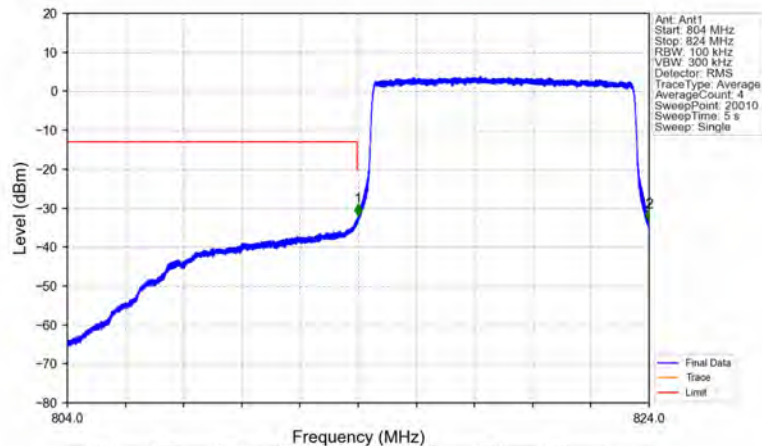
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Band26a\_10MHz\_16QAM\_LCH\_819MHz\_RB\_1\_0\_NTNV



Band26a\_10MHz\_16QAM\_LCH\_819MHz\_RB\_50\_0\_NTNV



| Start (MHz) | Stop (MHz) | RBW (MHz) | RBW Factor(dB) | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|----------------|------------|------------|-------------|-------------|--------|
| 804         | 814        | 0.1       | 0              | 1          | 813.998    | -31.95      | -20         | Pass   |
| 814         | 824        | 0.1       | 0              | 2          | 823.999    | -33.30      | 999888      | Pass   |



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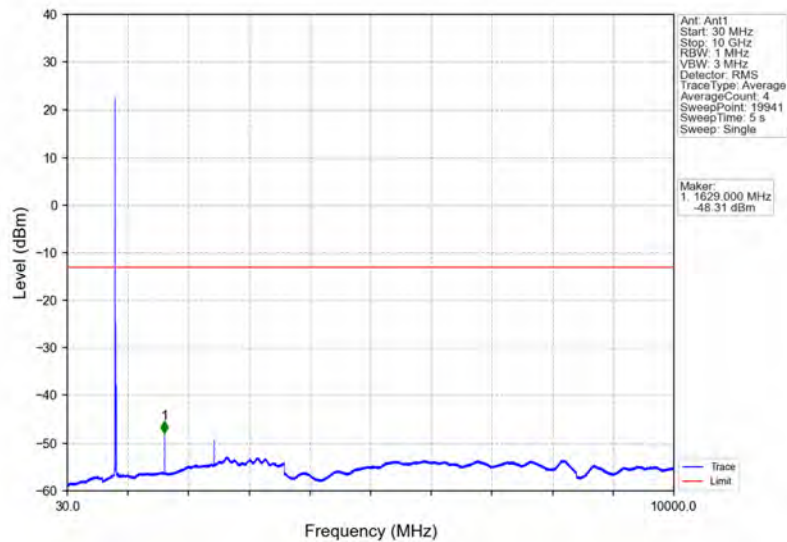
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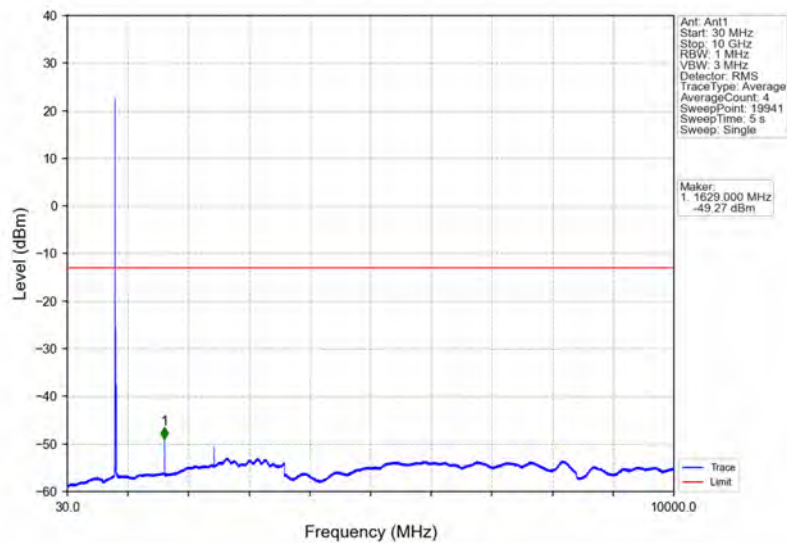
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Band26a\_10MHz\_16QAM\_HCH\_819MHz\_RB\_1\_0\_NTNV



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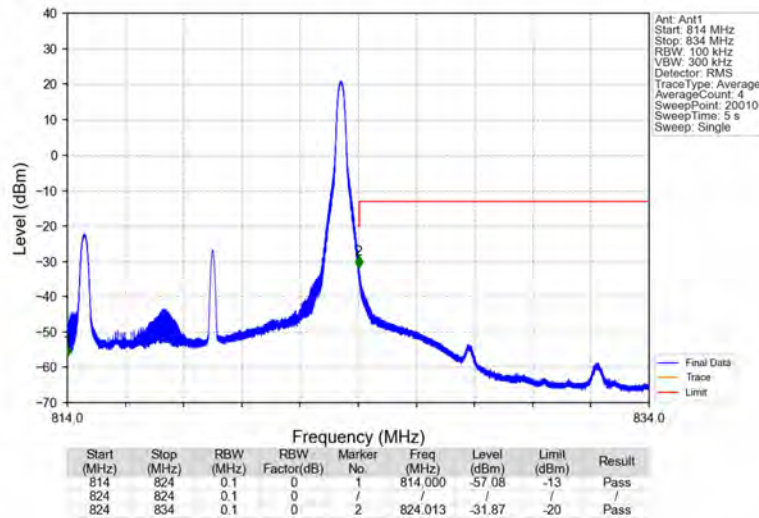
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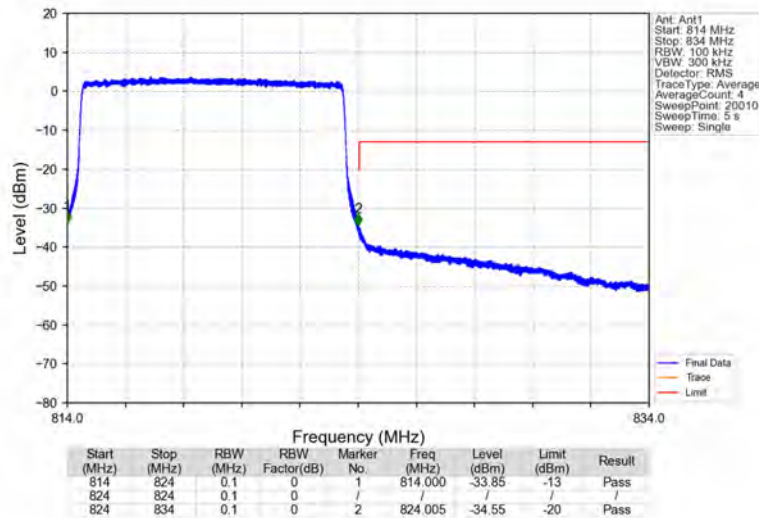
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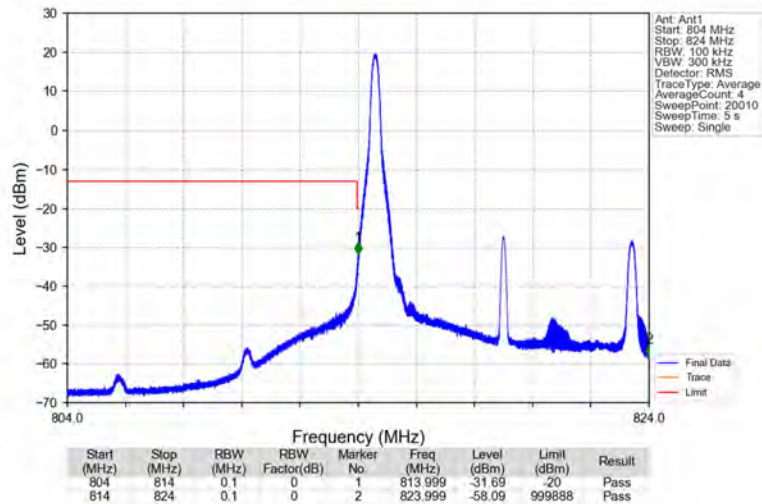
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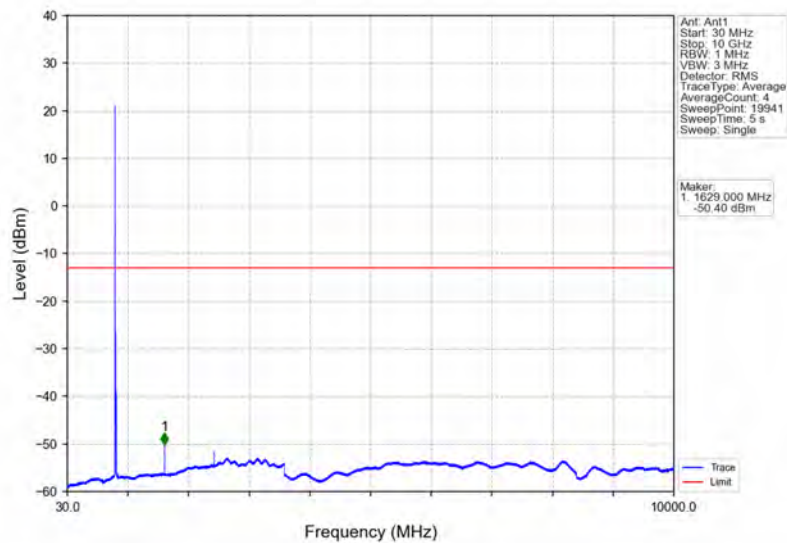
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Band26a\_10MHz\_64QAM\_LCH\_819MHz\_RB\_1\_0\_NTNV



Band26a\_10MHz\_64QAM\_LCH\_819MHz\_RB\_1\_0\_NTNV



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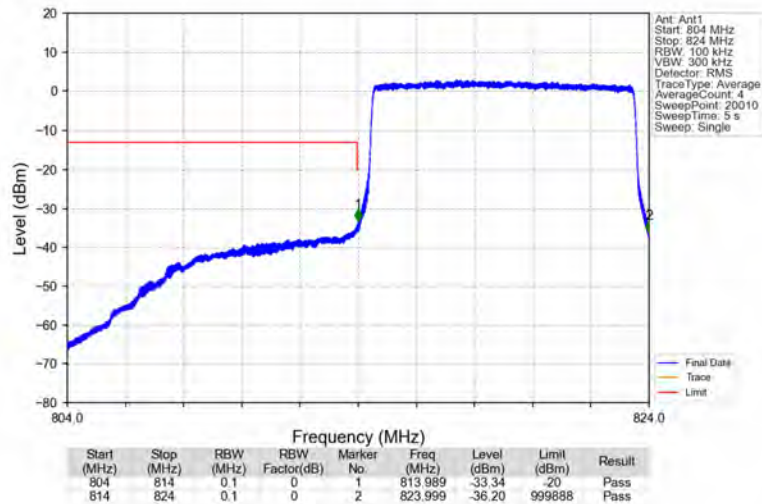
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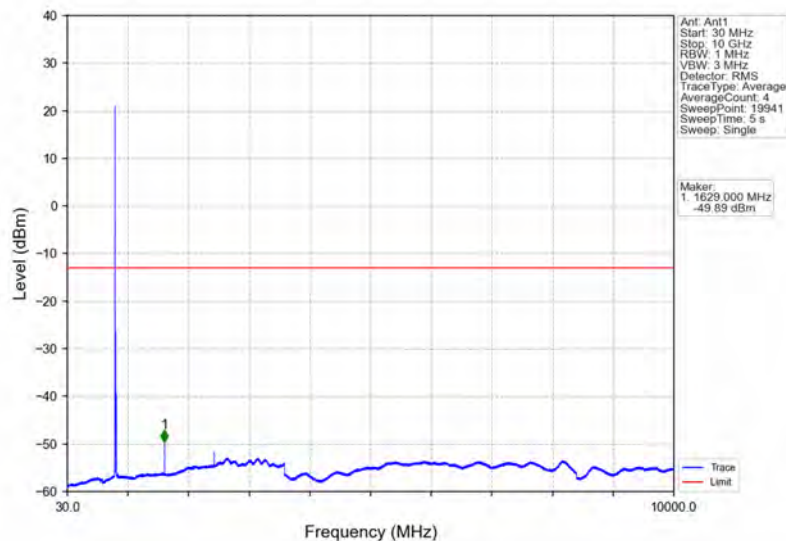
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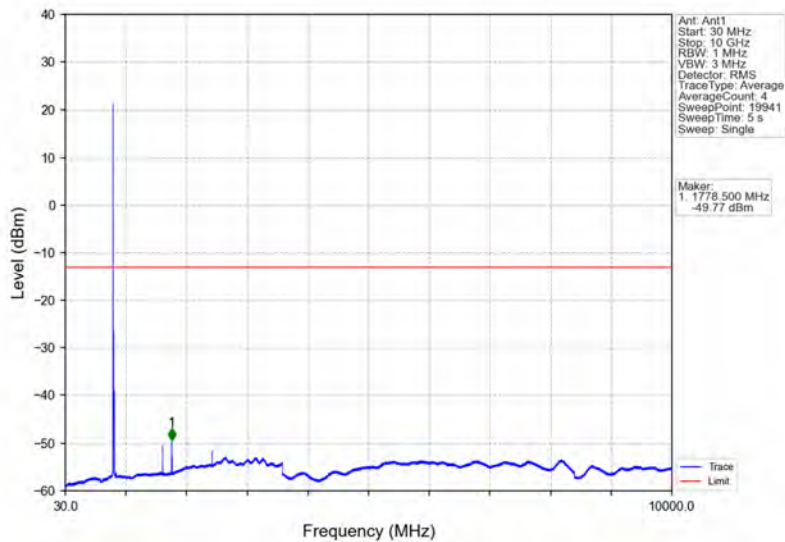
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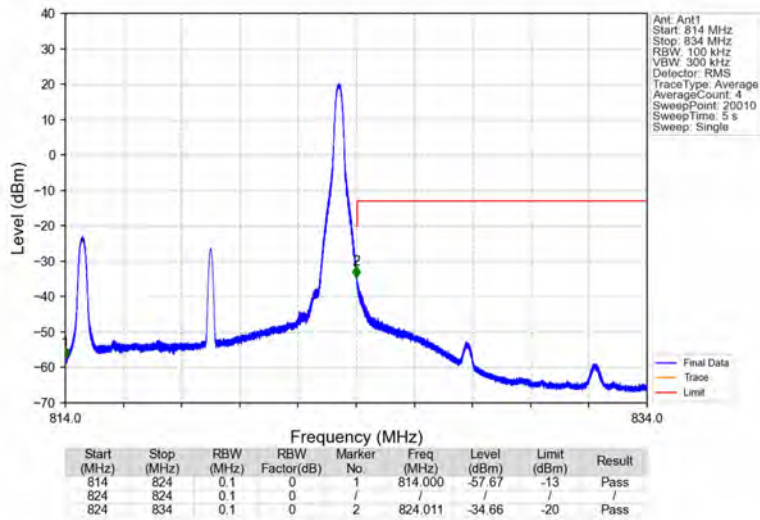
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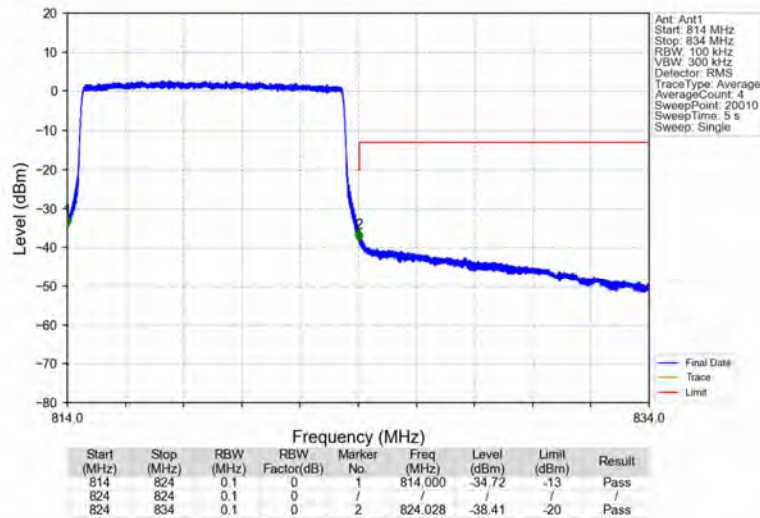
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