

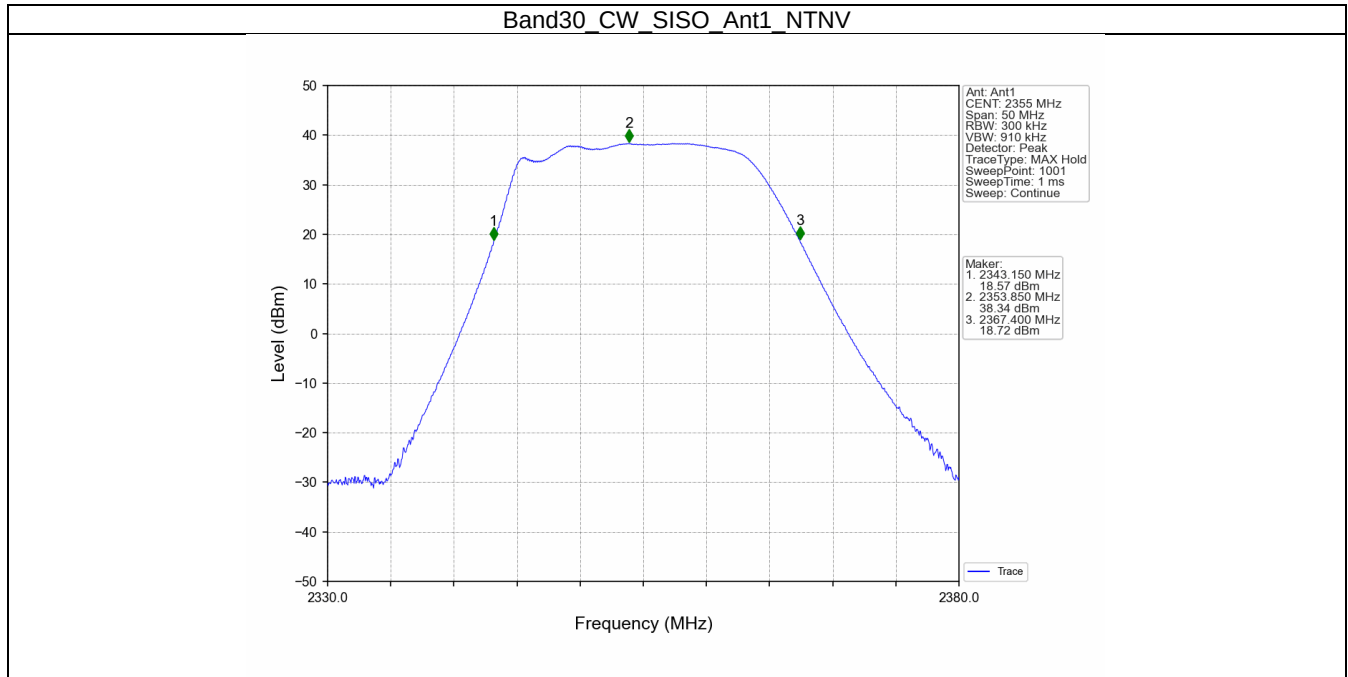
## 1. Out of band rejection

### 1.1 Band30

#### 1.1.1 Test Result

| Band: 30 / NTNV |                             |         |     |          |          |          |         |
|-----------------|-----------------------------|---------|-----|----------|----------|----------|---------|
| Signal          | Sweep Frequency Range (MHz) | TX Type | ANT | F0 (MHz) | FL (MHz) | FH (MHz) | Verdict |
| CW              | 2330 - 2380                 | SISO    | 1   | 2353.850 | 2343.150 | 2367.400 | Pass    |

## 1.1.2 Test Graph



## 2. AGC threshold

### 2.1 Band30

#### 2.1.1 Test Result

| Band: 30 / NTNV |                 |         |     |                     |         |
|-----------------|-----------------|---------|-----|---------------------|---------|
| Signal          | Frequency (MHz) | TX Type | ANT | AGC Threshold (dBm) | Verdict |
| GMSK<br>0.2MHz  | 2353.85         | SISO    | 1   | -3.00               | Pass    |
| AWGN<br>5MHz    | 2353.85         | SISO    | 1   | -3.00               | Pass    |

## 3. Input-versus-output signal comparison

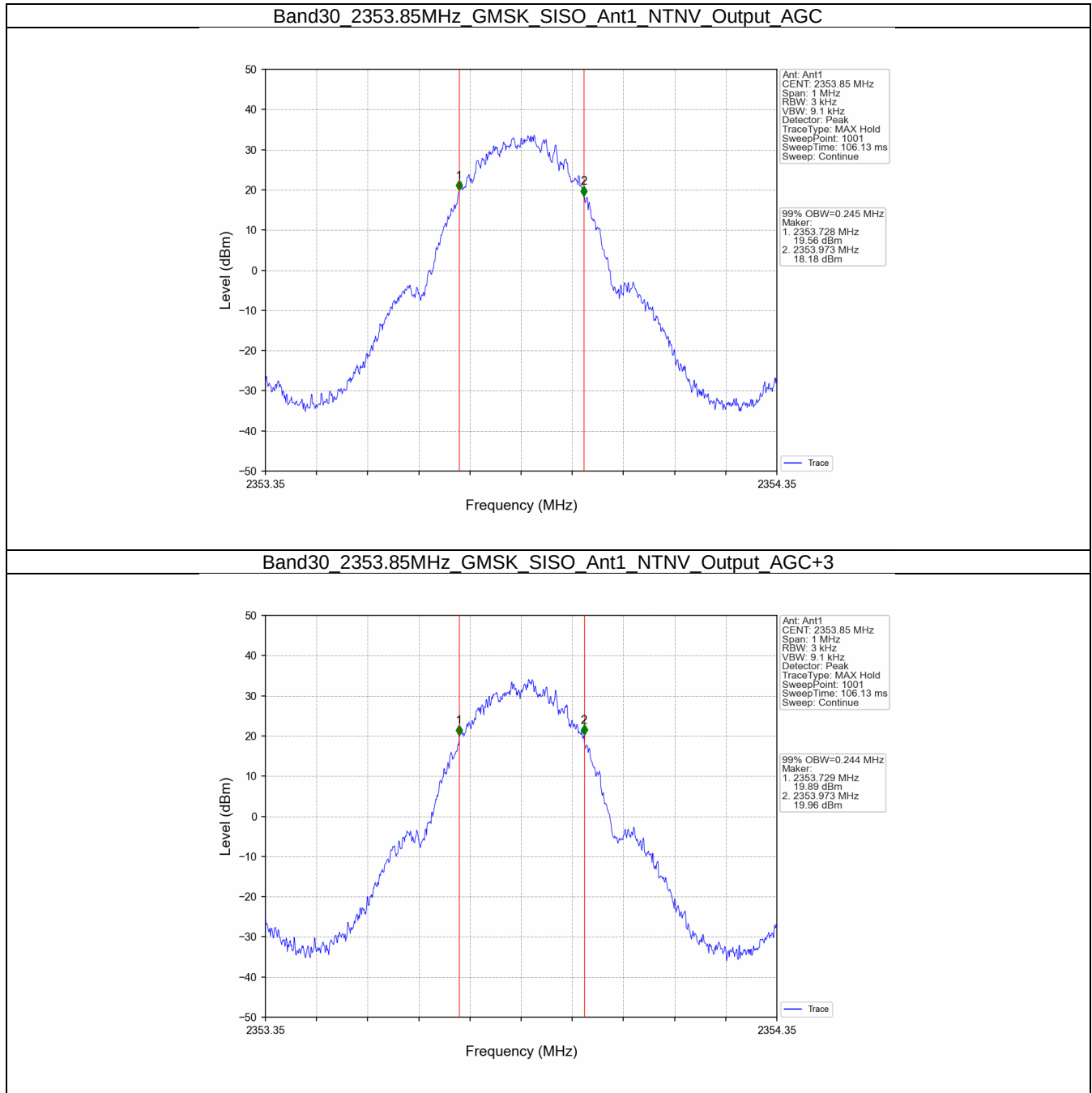
### 3.1 Band30\_OBW

#### 3.1.1 Test Result

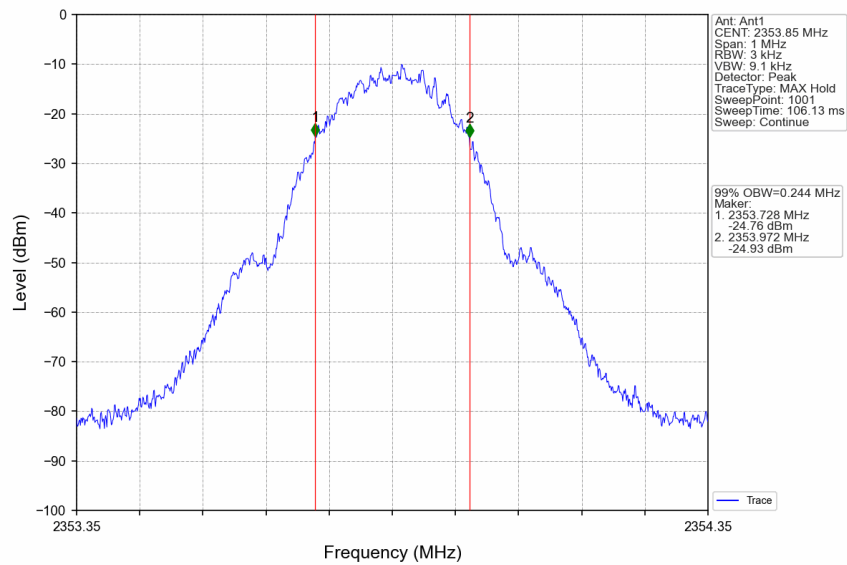
| Band: 30 / NTNV |             |                 |         |     |               |       |               |           |         |
|-----------------|-------------|-----------------|---------|-----|---------------|-------|---------------|-----------|---------|
| Signal          |             |                 | TX Type | ANT | 99% OBW (MHz) |       | Deviation (%) | Limit (%) | Verdict |
| Type            | Level (dBm) | Frequency (MHz) |         |     | Output        | Input |               |           |         |
| GMSK<br>0.2MHz  | -3          | 2353.85         | SISO    | 1   | 0.245         | 0.244 | 0.41          | <5.00     | Pass    |
|                 | 0           | 2353.85         | SISO    | 1   | 0.244         | 0.243 | 0.41          | <5.00     | Pass    |
| AWGN<br>5MHz    | -3          | 2353.85         | SISO    | 1   | 4.541         | 4.535 | 0.13          | <5.00     | Pass    |
|                 | 0           | 2353.85         | SISO    | 1   | 4.530         | 4.530 | 0.00          | <5.00     | Pass    |

Deviation= [(Output - Input)/ Input] \* 100

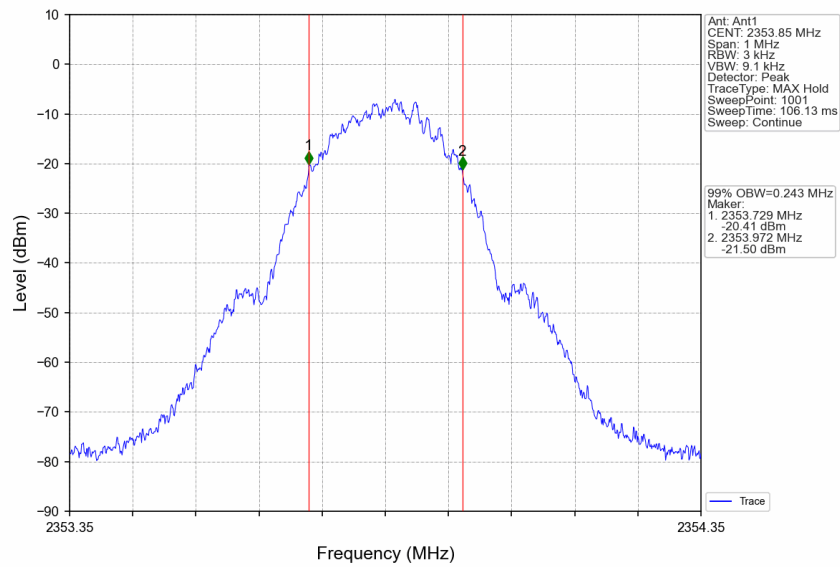
## 3.1.2 Test Graph



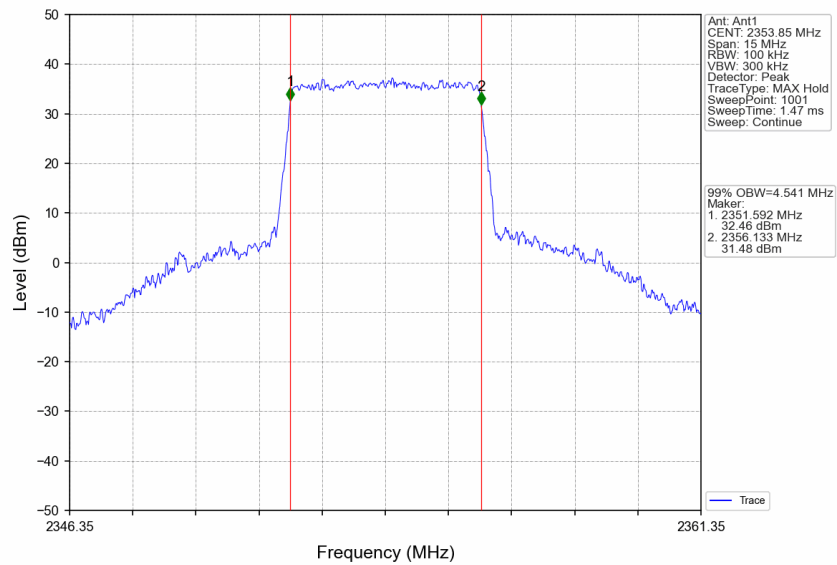
Band30\_2353.85MHz\_GMSK\_SISO\_Ant1\_NTNV\_Input\_AGC



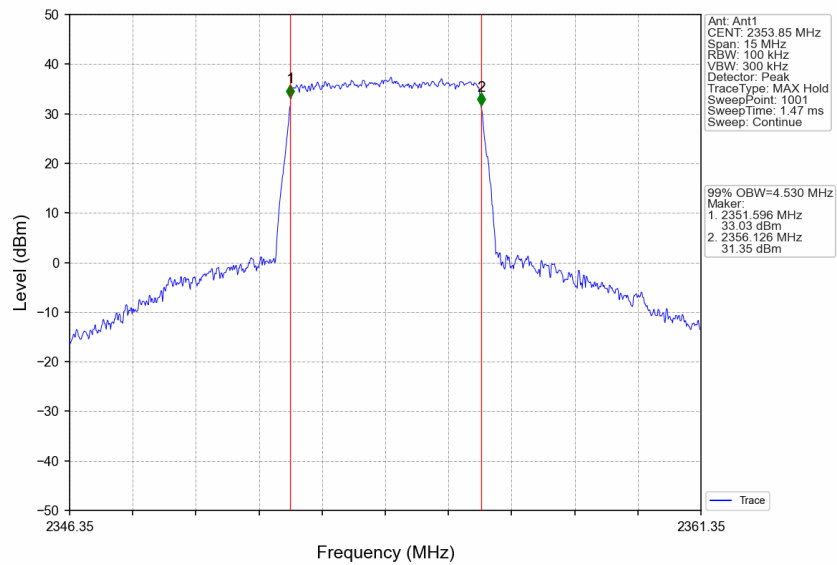
Band30\_2353.85MHz\_GMSK\_SISO\_Ant1\_NTNV\_Input\_AGC+3



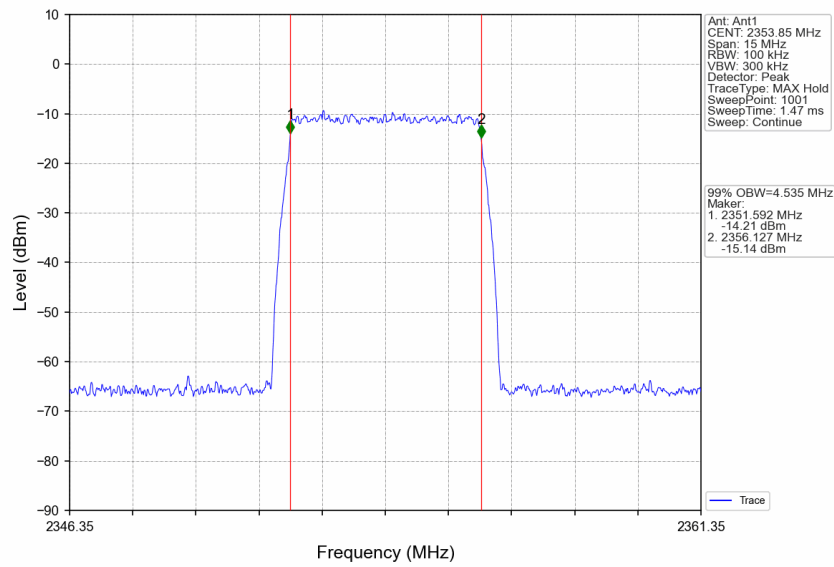
Band30\_2353.85MHz\_AWGN\_SISO\_Ant1\_NTNV\_Output\_AGC



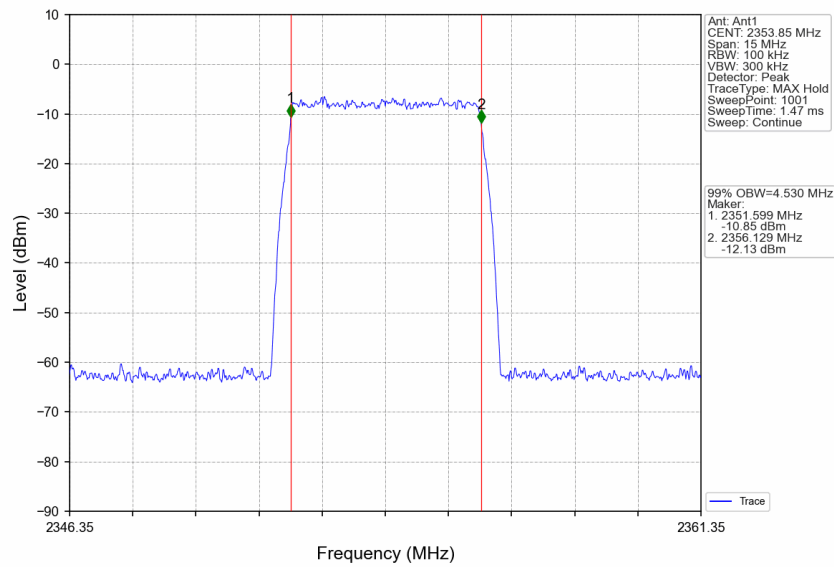
Band30\_2353.85MHz\_AWGN\_SISO\_Ant1\_NTNV\_Output\_AGC+3



Band30\_2353.85MHz\_AWGN\_SISO\_Ant1\_NTNV\_Input\_AGC



Band30\_2353.85MHz\_AWGN\_SISO\_Ant1\_NTNV\_Input\_AGC+3





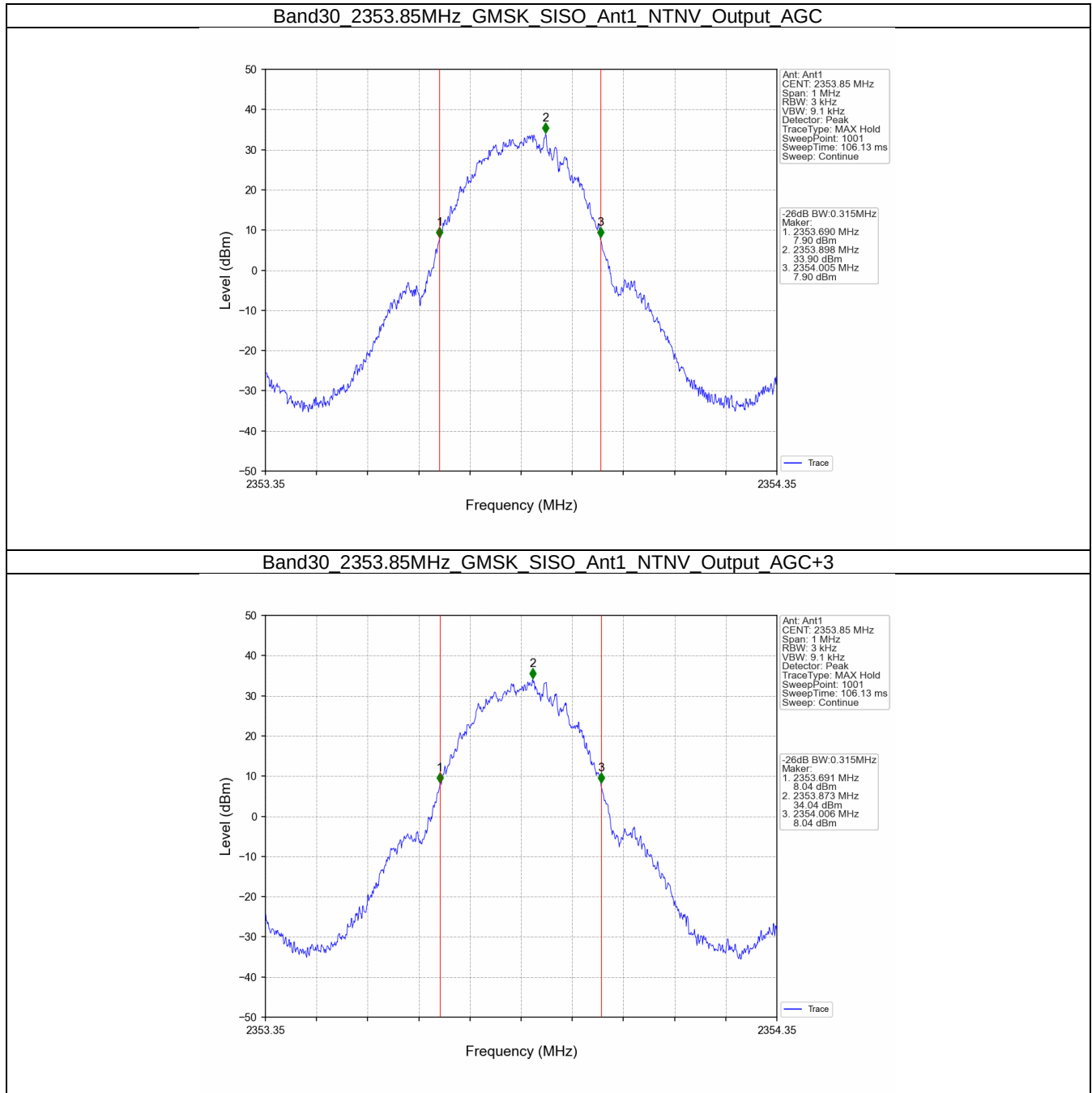
## 3.2 Band30\_EBW

### 3.2.1 Test Result

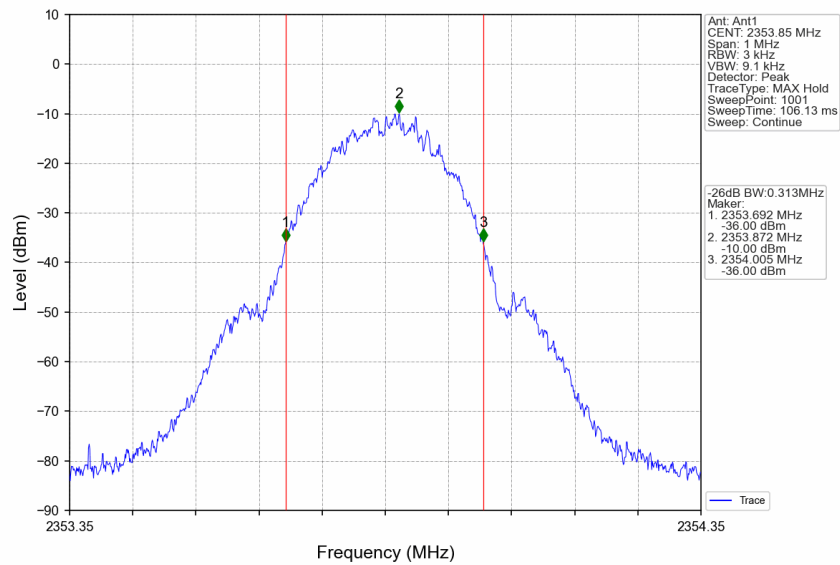
| Band: 30 / NTNV |             |                 |         |     |                |       |               |           |         |
|-----------------|-------------|-----------------|---------|-----|----------------|-------|---------------|-----------|---------|
| Signal          |             |                 | TX Type | ANT | 26dB EBW (MHz) |       | Deviation (%) | Limit (%) | Verdict |
| Type            | Level (dBm) | Frequency (MHz) |         |     | Output         | Input |               |           |         |
| GMSK<br>0.2MHz  | -3          | 2353.85         | SISO    | 1   | 0.315          | 0.313 | 0.64          | <5.00     | Pass    |
|                 | -0          | 2353.85         | SISO    | 1   | 0.315          | 0.313 | 0.64          | <5.00     | Pass    |
| AWGN<br>5MHz    | -3          | 2353.85         | SISO    | 1   | 5.062          | 5.071 | 0.18          | <5.00     | Pass    |
|                 | -0          | 2353.85         | SISO    | 1   | 5.064          | 5.061 | 0.06          | <5.00     | Pass    |

Deviation= [(Output - Input)/ Input] \* 100

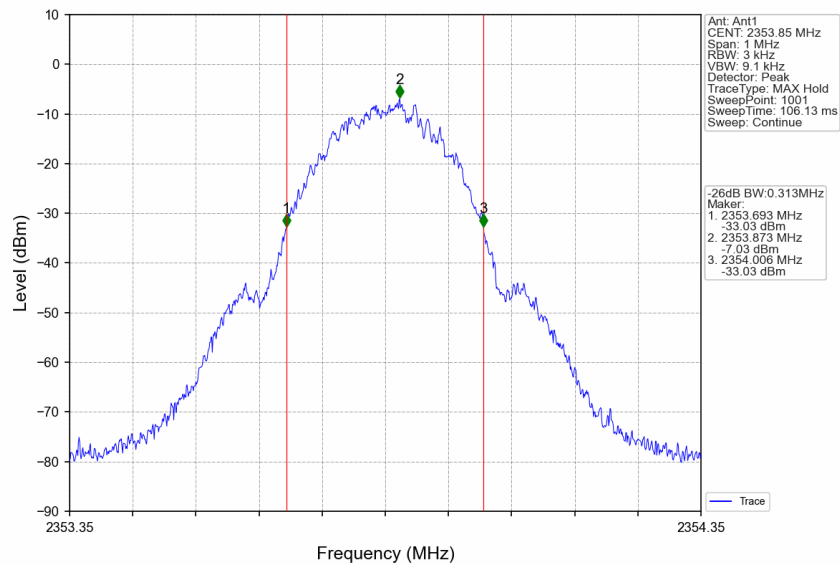
## 3.2.2 Test Graph



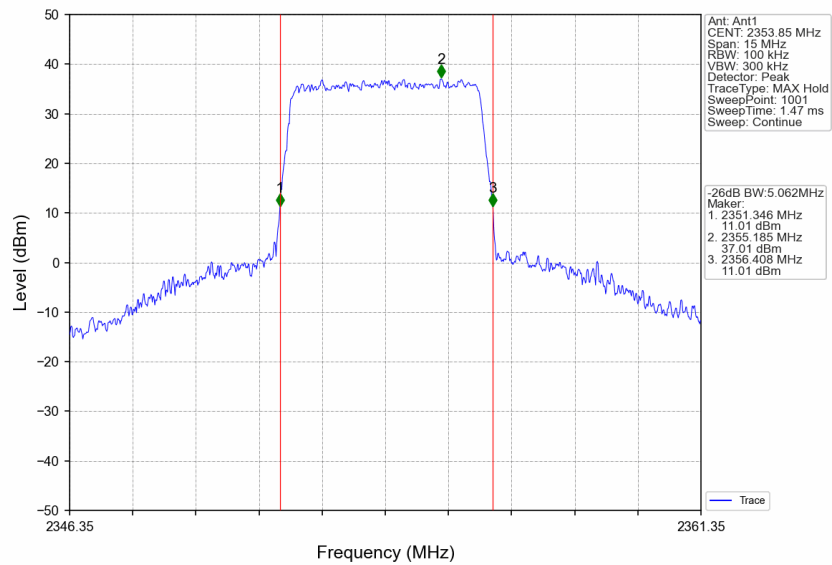
Band30\_2353.85MHz\_GMSK\_SISO\_Ant1\_NTNV\_Input\_AGC



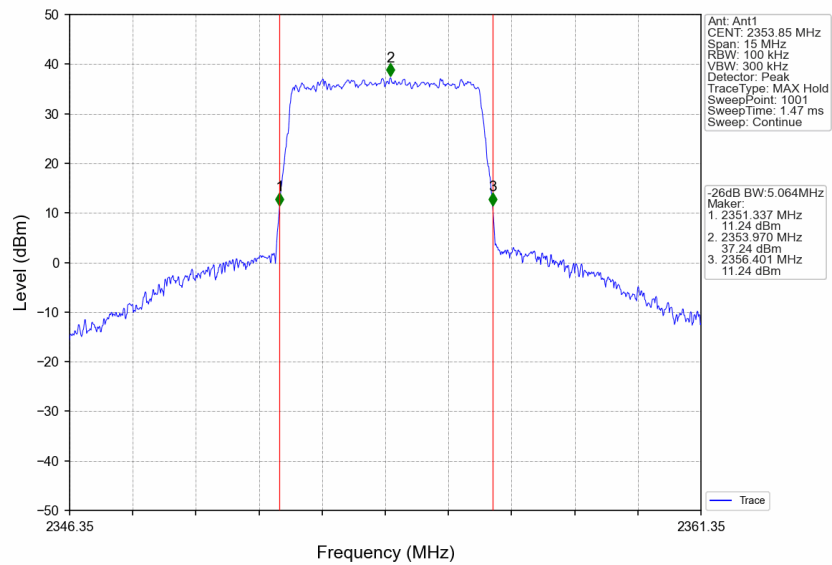
Band30\_2353.85MHz\_GMSK\_SISO\_Ant1\_NTNV\_Input\_AGC+3



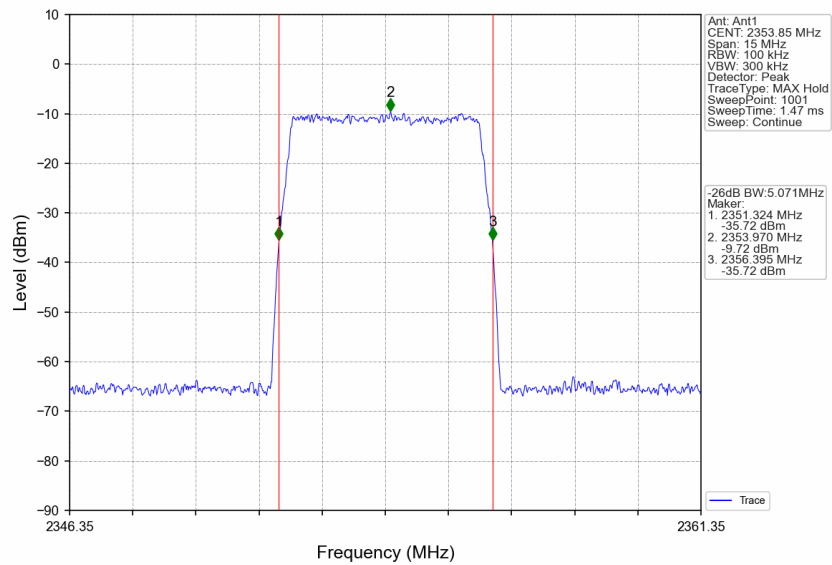
Band30\_2353.85MHz\_AWGN\_SISO\_Ant1\_NTNV\_Output\_AGC



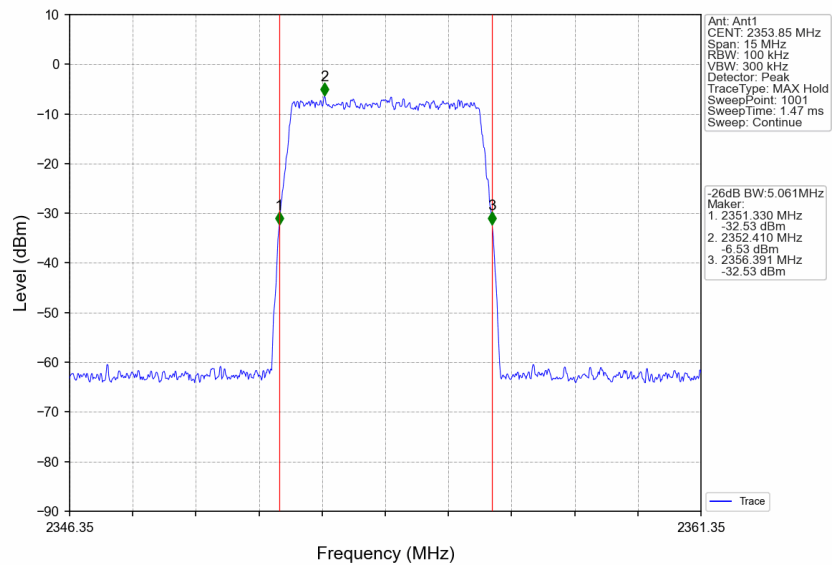
Band30\_2353.85MHz\_AWGN\_SISO\_Ant1\_NTNV\_Output\_AGC+3



Band30\_2353.85MHz\_AWGN\_SISO\_Ant1\_NTNV\_Input\_AGC



Band30\_2353.85MHz\_AWGN\_SISO\_Ant1\_NTNV\_Input\_AGC+3



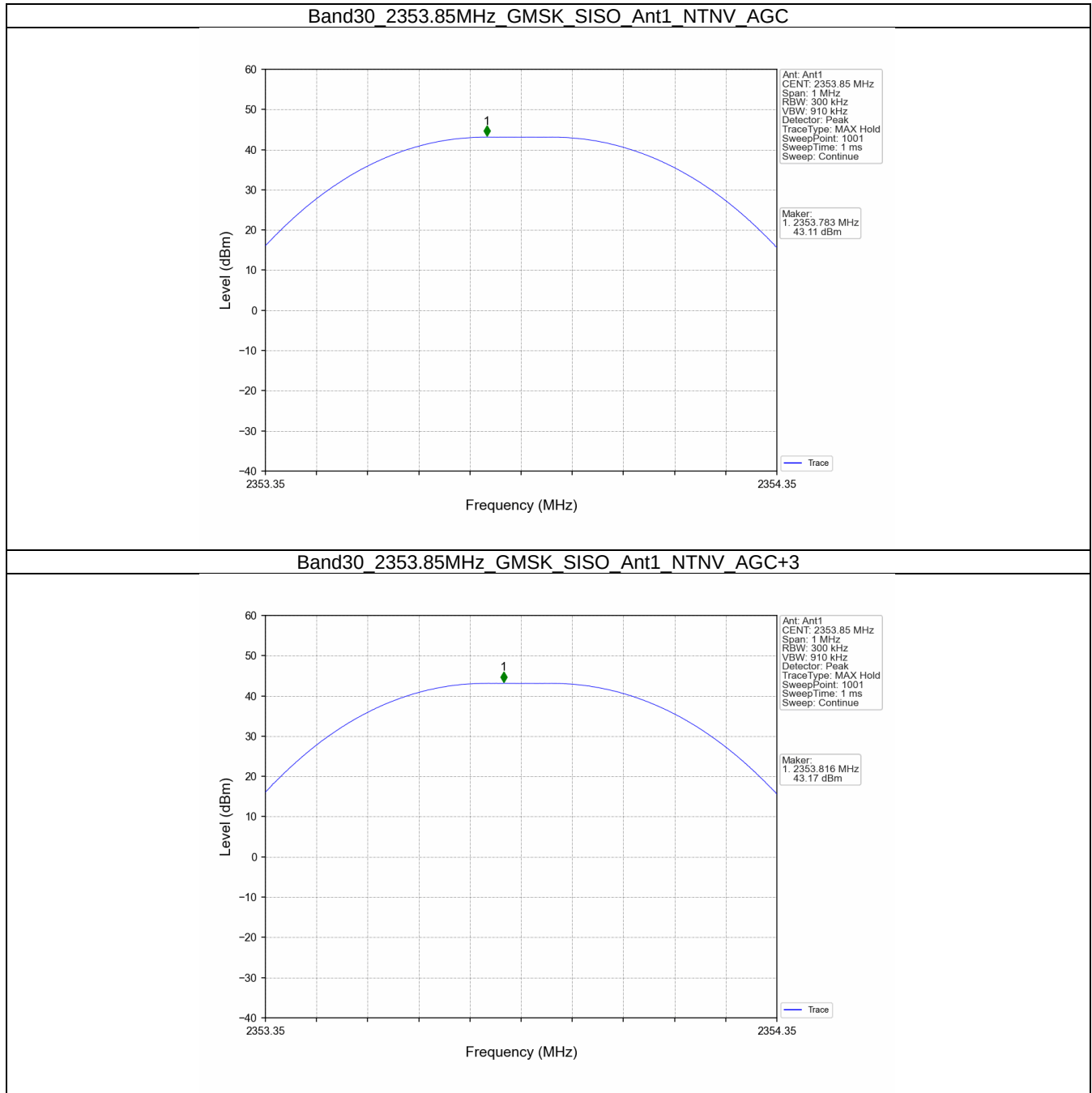
## 4. Input/output power and amplifier/booster gain

### 4.1 Band30\_EIRP

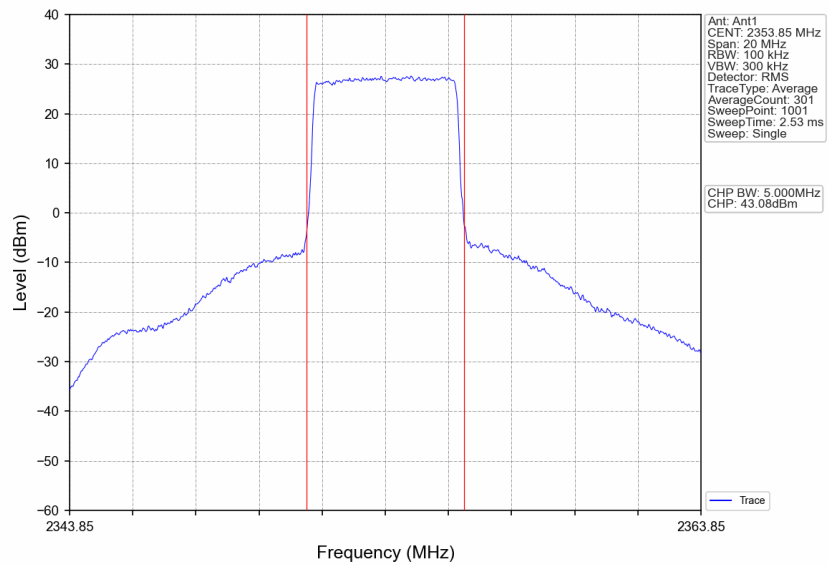
#### 4.1.1 Test Result

| Band: 30 / NTNV |             |                 |         |     |                       |       |            |         |                   |         |
|-----------------|-------------|-----------------|---------|-----|-----------------------|-------|------------|---------|-------------------|---------|
| Signal          |             |                 | TX Type | ANT | Conducted Power (dBm) |       | EIRP (dBm) |         | Booster Gain (dB) | Verdict |
| Type            | Level (dBm) | Frequency (MHz) |         |     | Output                | Input | Result     | Limit   |                   |         |
| GMSK            | -3          | 2353.85         | SISO    | 1   | 43.11                 | -2.96 | 58.11      | <=63.01 | 46.07             | Pass    |
| 0.2MHz          | 0           | 2353.85         | SISO    | 1   | 43.17                 | 0.03  | 58.17      | <=63.01 | /                 | Pass    |
| AWGN            | -3          | 2353.85         | SISO    | 1   | 43.08                 | -2.97 | 58.08      | <=63.01 | 46.05             | Pass    |
| 5MHz            | 0           | 2353.85         | SISO    | 1   | 43.26                 | 0.04  | 58.26      | <=63.01 | /                 | Pass    |

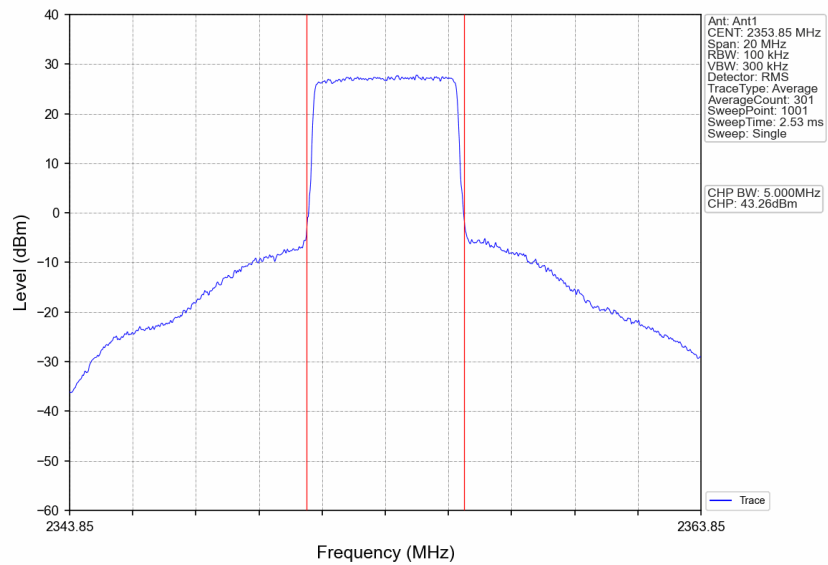
## 4.1.2 Test Graph



Band30\_2353.85MHz\_AWGN\_SISO\_Ant1\_NTNV\_AGC



Band30\_2353.85MHz\_AWGN\_SISO\_Ant1\_NTNV\_AGC+3





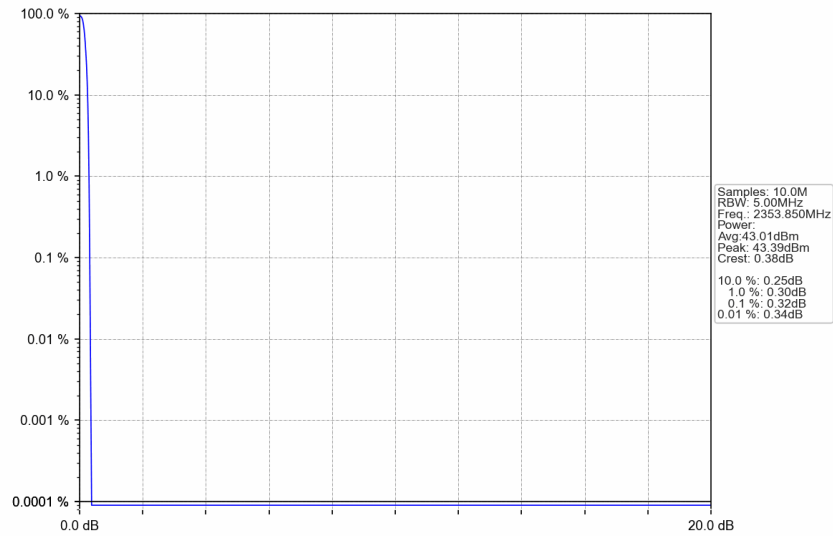
## 4.2 Band30\_PAPR

### 4.2.1 Test Result

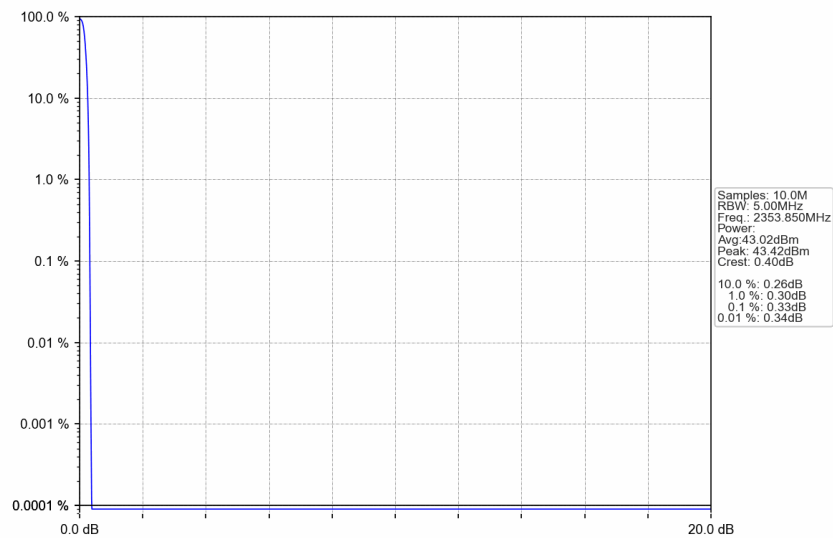
| Band: 30 / NTNV |             |                 |         |     |           |       |         |
|-----------------|-------------|-----------------|---------|-----|-----------|-------|---------|
| Signal          |             |                 | TX Type | ANT | PAPR (dB) |       | Verdict |
| Type            | Level (dBm) | Frequency (MHz) |         |     | Result    | Limit |         |
| GMSK<br>0.2MHz  | -3          | 2353.85         | SISO    | 1   | 0.32      | <=13  | Pass    |
|                 | 0           | 2353.85         | SISO    | 1   | 0.33      | <=13  | Pass    |
| AWGN<br>5MHz    | -3          | 2353.85         | SISO    | 1   | 7.75      | <=13  | Pass    |
|                 | 0           | 2353.85         | SISO    | 1   | 7.64      | <=13  | Pass    |

## 4.2.2 Test Graph

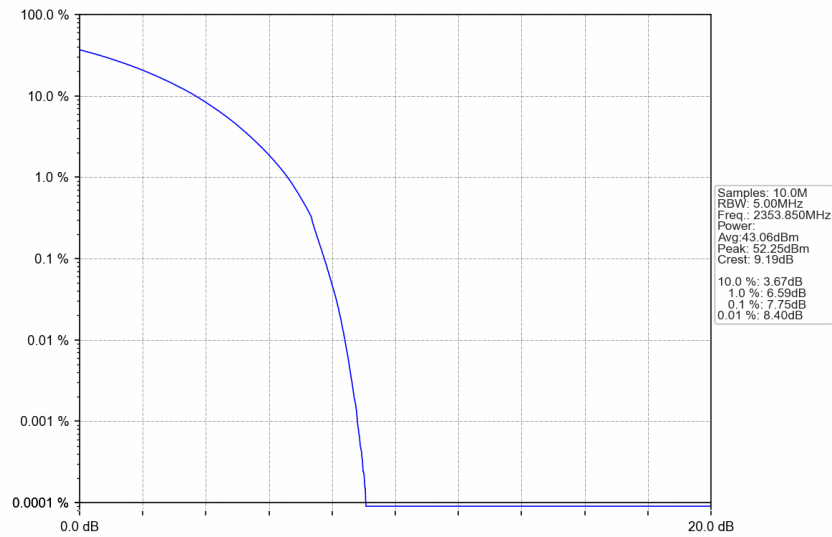
Band30\_2353.85MHz\_GMSK\_SISO\_Ant1\_NTNV\_AGC



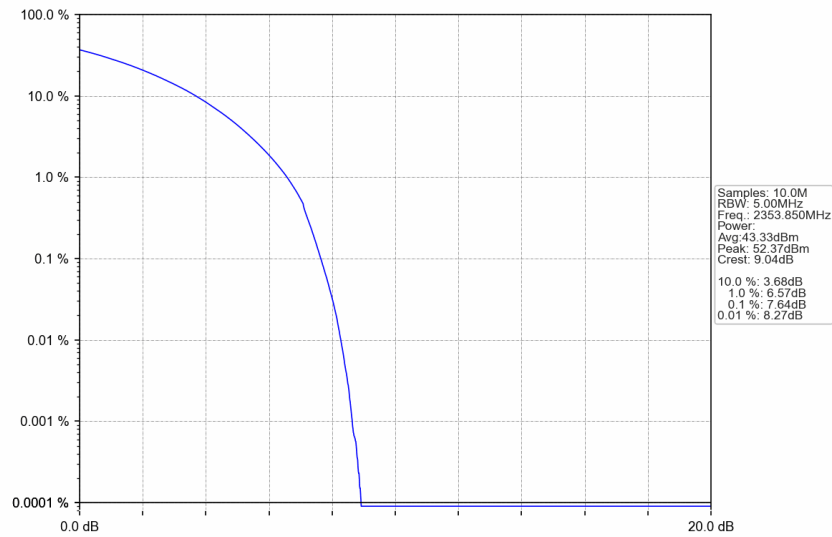
Band30\_2353.85MHz\_GMSK\_SISO\_Ant1\_NTNV\_AGC+3



Band30\_2353.85MHz\_AWGN\_SISO\_Ant1\_NTNV\_AGC



Band30\_2353.85MHz\_AWGN\_SISO\_Ant1\_NTNV\_AGC+3



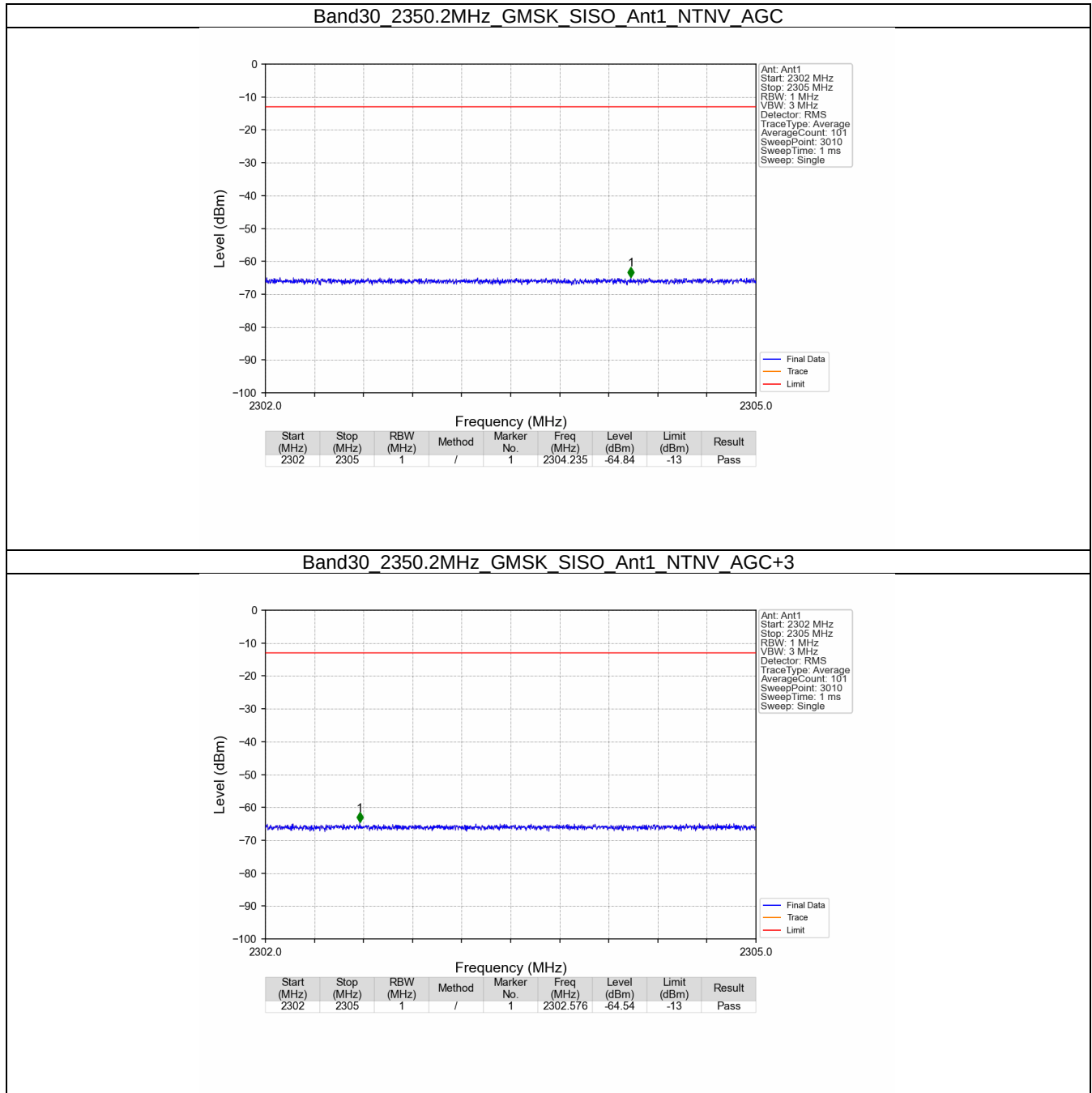
## 5. Out-of-band/out-of-block (including intermodulation) emissions

### 5.1 Band30

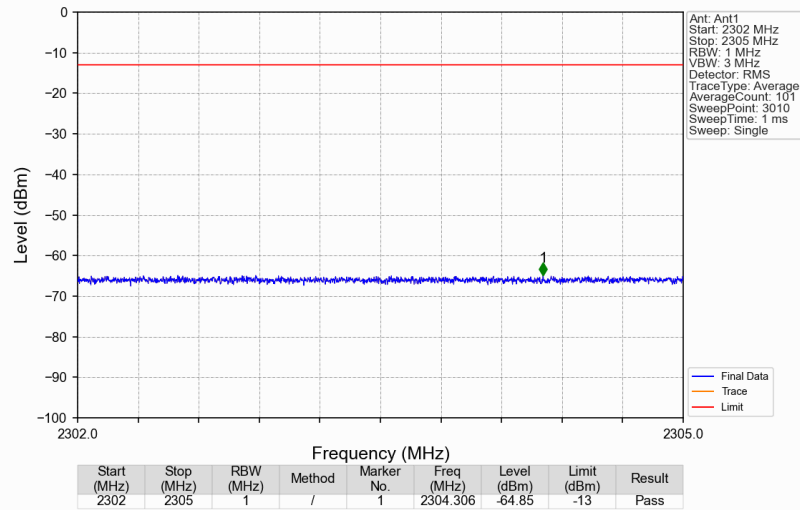
#### 5.1.1 Test Result

| Band: 30 / NTNV |                |             |                 |         |         |     |           |                     |         |
|-----------------|----------------|-------------|-----------------|---------|---------|-----|-----------|---------------------|---------|
| Input           | Type           | Signal      |                 | Channel | TX Type | ANT | OOB (dBm) |                     | Verdict |
|                 |                | Level (dBm) | Frequency (MHz) |         |         |     | Result    | Limit               |         |
| Two             | GMSK<br>0.2MHz | -3          | 2350.2          | LCH     | SISO    | 1   | -64.84    | Refer To Test Graph | Pass    |
|                 |                | 0           | 2350.2          | LCH     | SISO    | 1   | -64.55    | Refer To Test Graph | Pass    |
| One             | GMSK<br>0.2MHz | -3          | 2350.2          | LCH     | SISO    | 1   | -64.85    | Refer To Test Graph | Pass    |
|                 |                | 0           | 2350.2          | LCH     | SISO    | 1   | -64.95    | Refer To Test Graph | Pass    |
| Two             | GMSK<br>0.2MHz | -3          | 2359.8          | HCH     | SISO    | 1   | -64.61    | Refer To Test Graph | Pass    |
|                 |                | 0           | 2359.8          | HCH     | SISO    | 1   | -64.85    | Refer To Test Graph | Pass    |
| One             | GMSK<br>0.2MHz | -3          | 2359.8          | HCH     | SISO    | 1   | -64.79    | Refer To Test Graph | Pass    |
|                 |                | 0           | 2359.8          | HCH     | SISO    | 1   | -64.30    | Refer To Test Graph | Pass    |
| Two             | AWGN<br>5MHz   | -3          | 2352.5          | LCH     | SISO    | 1   | -64.60    | Refer To Test Graph | Pass    |
|                 |                | 0           | 2352.5          | LCH     | SISO    | 1   | -64.60    | Refer To Test Graph | Pass    |
| One             | AWGN<br>5MHz   | -3          | 2352.5          | LCH     | SISO    | 1   | -64.76    | Refer To Test Graph | Pass    |
|                 |                | 0           | 2352.5          | LCH     | SISO    | 1   | -64.75    | Refer To Test Graph | Pass    |
| Two             | AWGN<br>5MHz   | -3          | 2357.5          | HCH     | SISO    | 1   | -64.75    | Refer To Test Graph | Pass    |
|                 |                | 0           | 2357.5          | HCH     | SISO    | 1   | -64.47    | Refer To Test Graph | Pass    |
| One             | AWGN<br>5MHz   | -3          | 2357.5          | HCH     | SISO    | 1   | -64.90    | Refer To Test Graph | Pass    |
|                 |                | 0           | 2357.5          | HCH     | SISO    | 1   | -64.78    | Refer To Test Graph | Pass    |

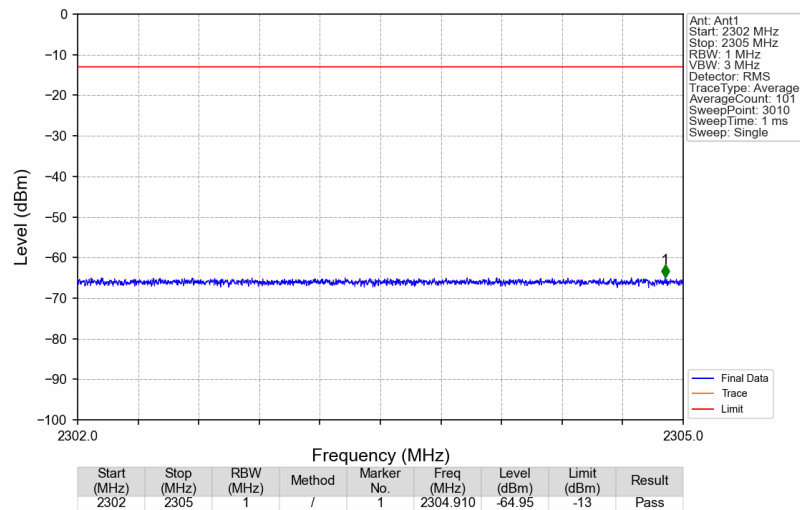
## 5.1.2 Test Graph



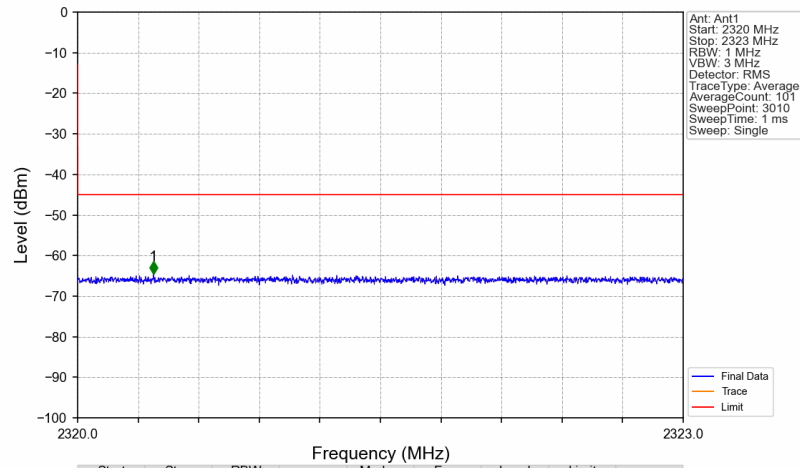
Band30\_2350.2MHz\_GMSK\_SISO\_Ant1\_NTNV\_AGC



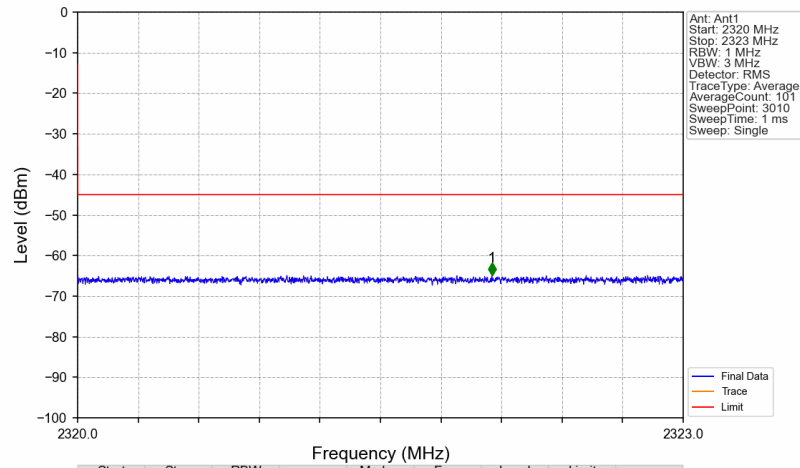
Band30\_2350.2MHz\_GMSK\_SISO\_Ant1\_NTNV\_AGC+3



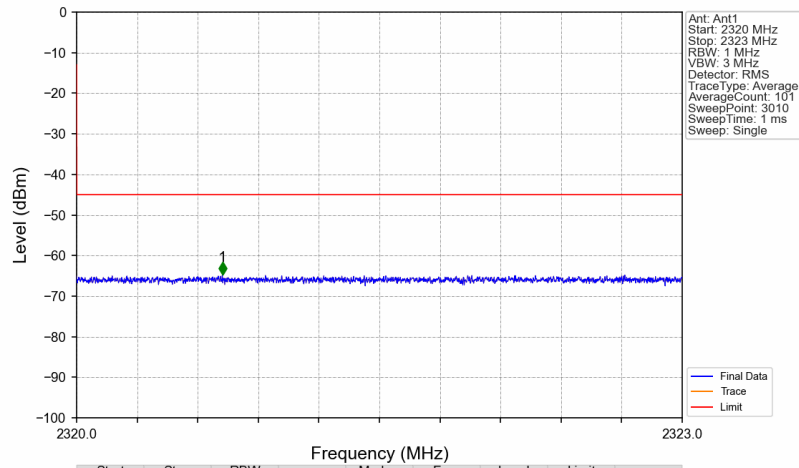
Band30\_2359.8MHz\_GMSK\_SISO\_Ant1\_NTNV\_AGC



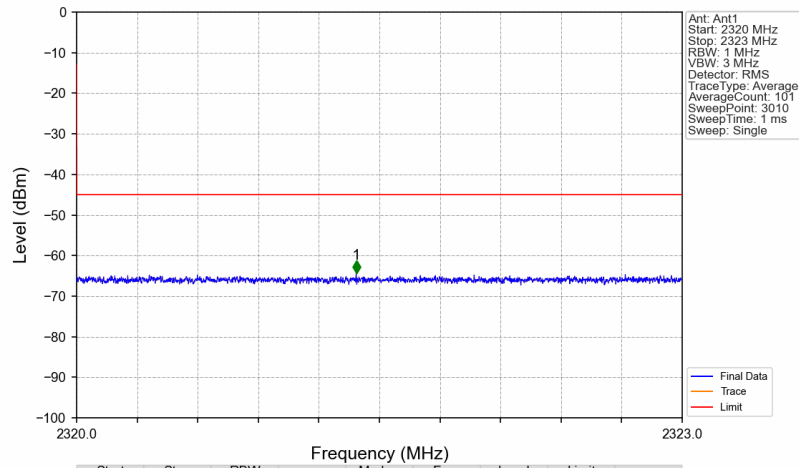
Band30\_2359.8MHz\_GMSK\_SISO\_Ant1\_NTNV\_AGC+3



Band30\_2359.8MHz\_GMSK\_SISO\_Ant1\_NTNV\_AGC

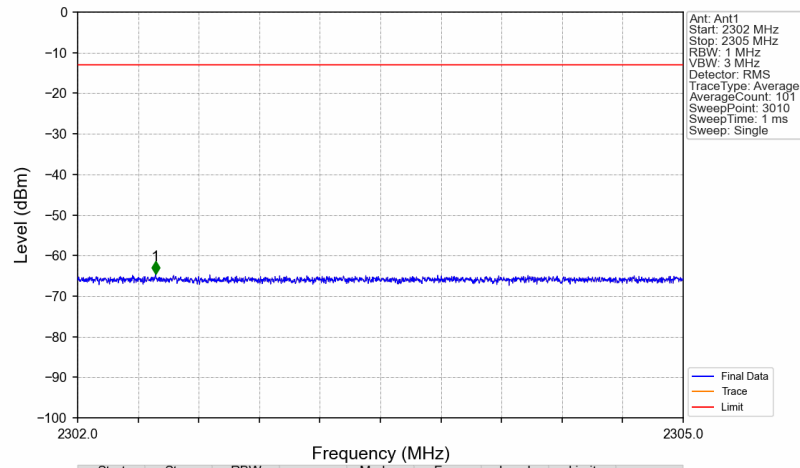


Band30\_2359.8MHz\_GMSK\_SISO\_Ant1\_NTNV\_AGC+3

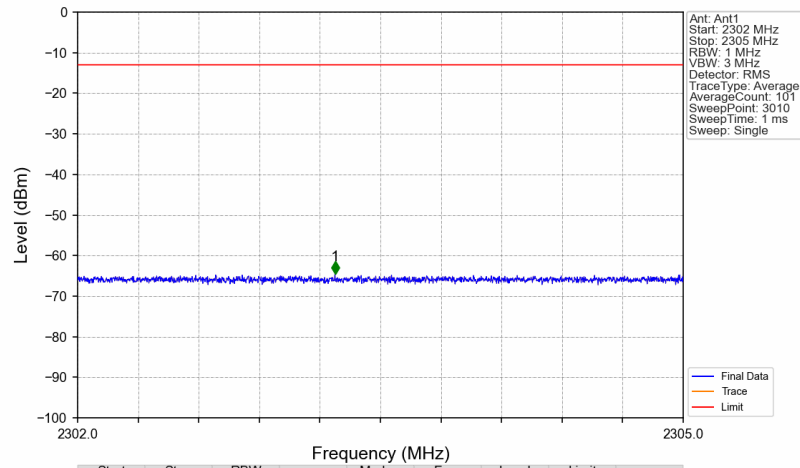




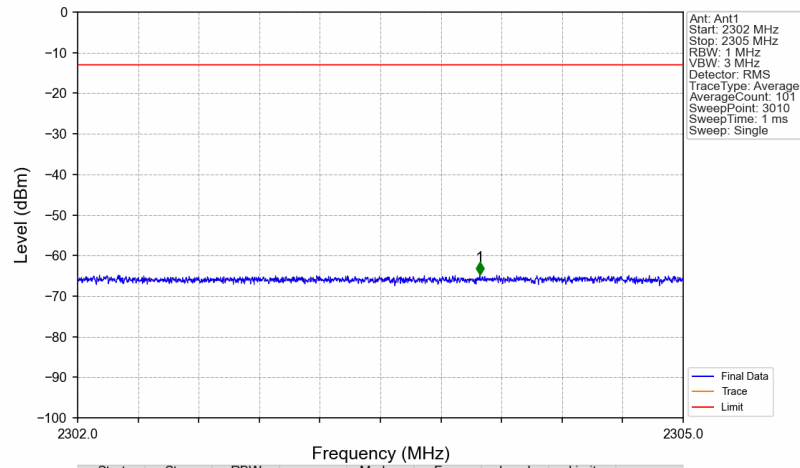
Band30\_2352.5MHz\_AWGN\_SISO\_Ant1\_NTNV\_AGC



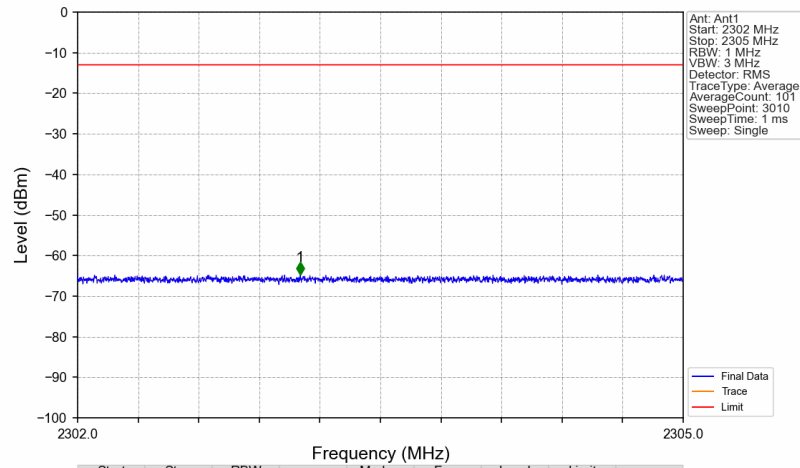
Band30\_2352.5MHz\_AWGN\_SISO\_Ant1\_NTNV\_AGC+3



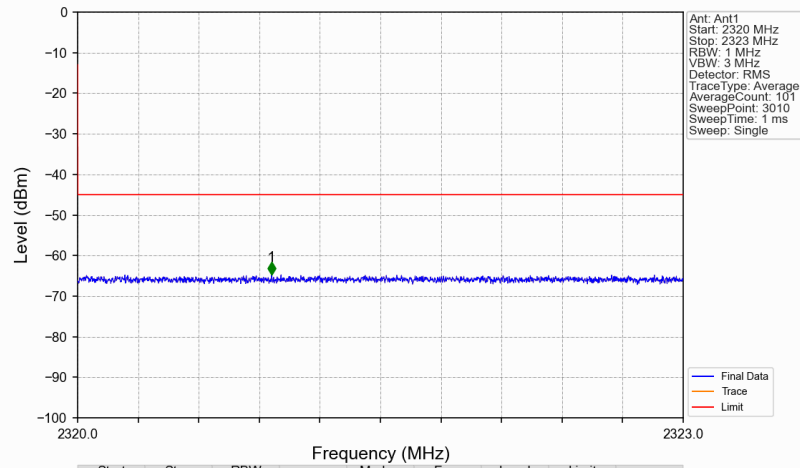
Band30\_2352.5MHz\_AWGN\_SISO\_Ant1\_NTNV\_AGC



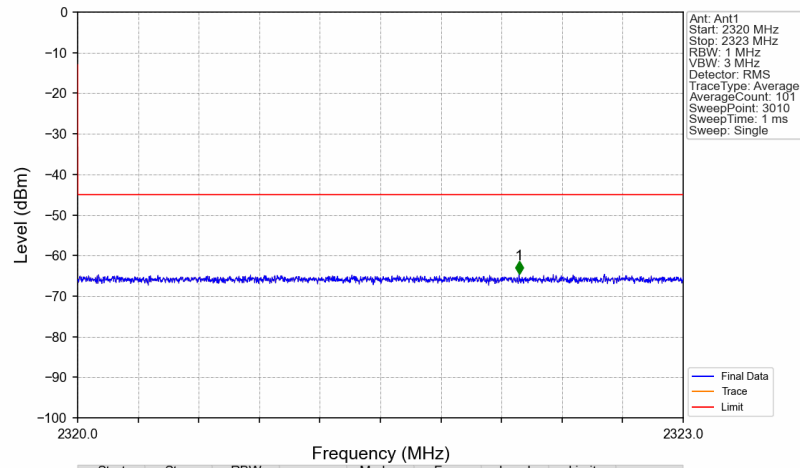
Band30\_2352.5MHz\_AWGN\_SISO\_Ant1\_NTNV\_AGC+3



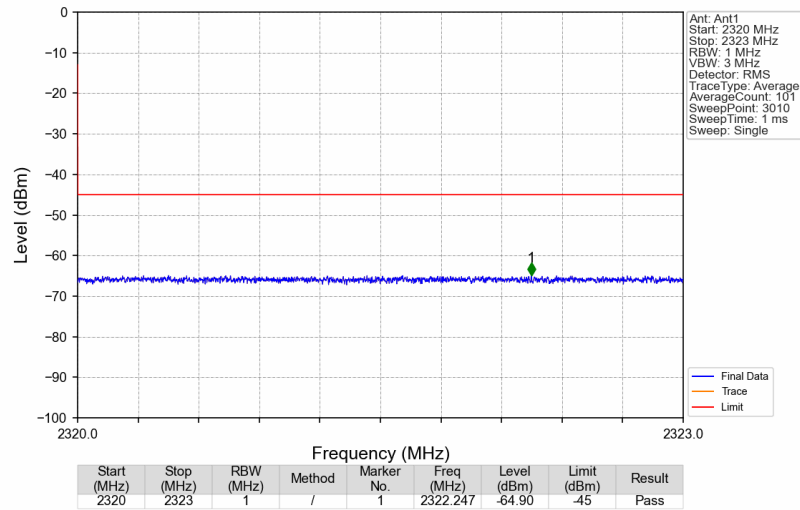
Band30\_2357.5MHz\_AWGN\_SISO\_Ant1\_NTNV\_AGC



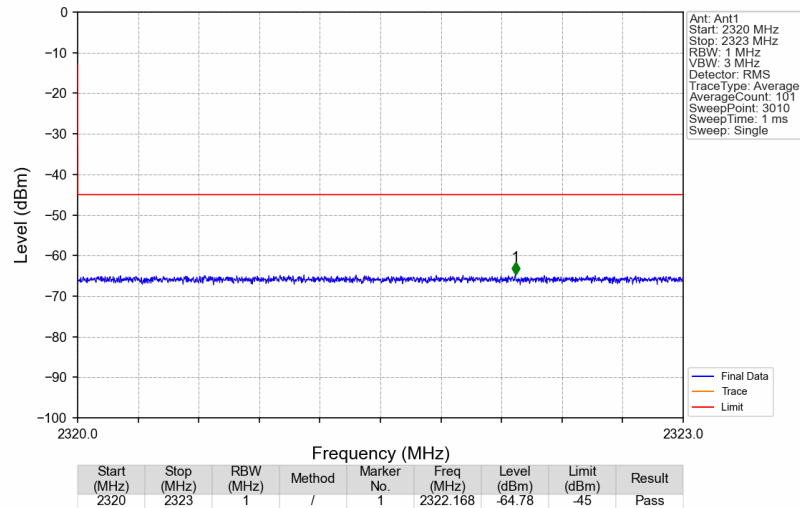
Band30\_2357.5MHz\_AWGN\_SISO\_Ant1\_NTNV\_AGC+3



Band30\_2357.5MHz\_AWGN\_SISO\_Ant1\_NTNV\_AGC



Band30\_2357.5MHz\_AWGN\_SISO\_Ant1\_NTNV\_AGC+3



## 6. Spurious emissions

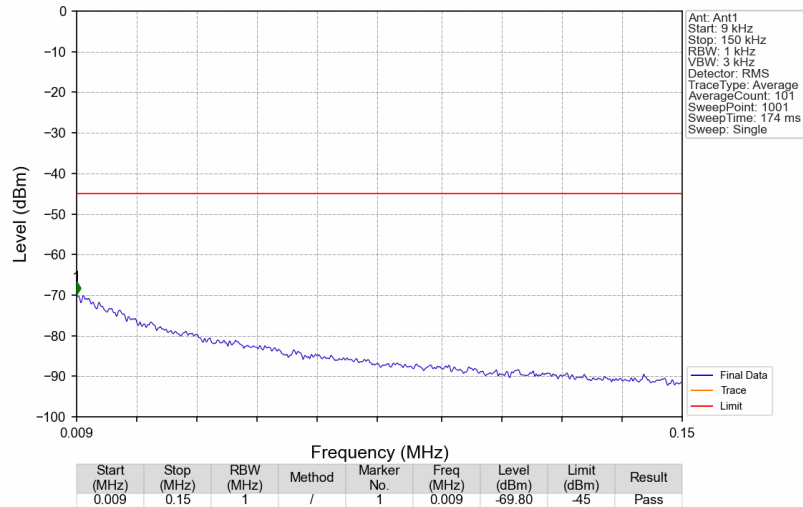
### 6.1 Band30

#### 6.1.1 Test Result

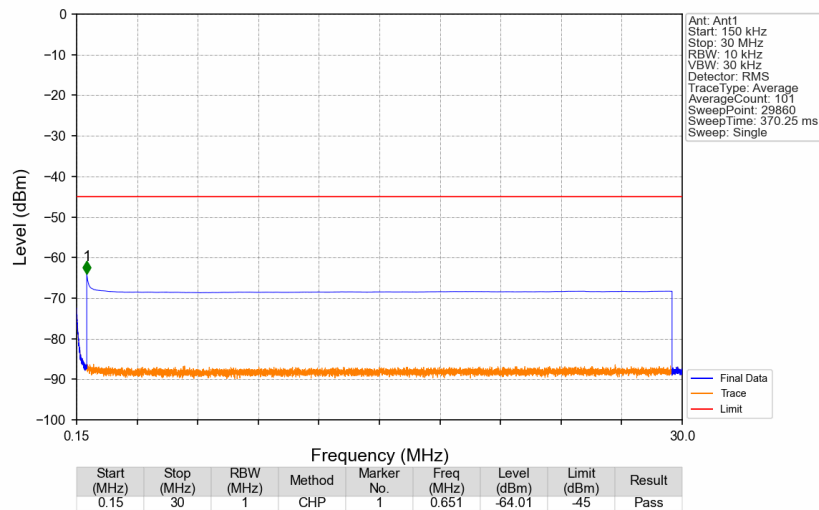
| Band: 30 / NTNV |             |                 |         |         |     |                     |       |         |
|-----------------|-------------|-----------------|---------|---------|-----|---------------------|-------|---------|
| Signal          |             |                 | Channel | TX Type | ANT | SE (dBm)            |       | Verdict |
| Type            | Level (dBm) | Frequency (MHz) |         |         |     | Result              | Limit |         |
| GMSK<br>0.2MHz  | -3          | 2350.2          | LCH     | SISO    | 1   | Refer To Test Graph |       | Pass    |
|                 |             | 2355            | MCH     | SISO    | 1   | Refer To Test Graph |       | Pass    |
|                 |             | 2359.8          | HCH     | SISO    | 1   | Refer To Test Graph |       | Pass    |
| AWGN<br>5MHz    | -3          | 2352.5          | LCH     | SISO    | 1   | Refer To Test Graph |       | Pass    |
|                 |             | 2355            | MCH     | SISO    | 1   | Refer To Test Graph |       | Pass    |
|                 |             | 2357.5          | HCH     | SISO    | 1   | Refer To Test Graph |       | Pass    |

## 6.1.2 Test Graph

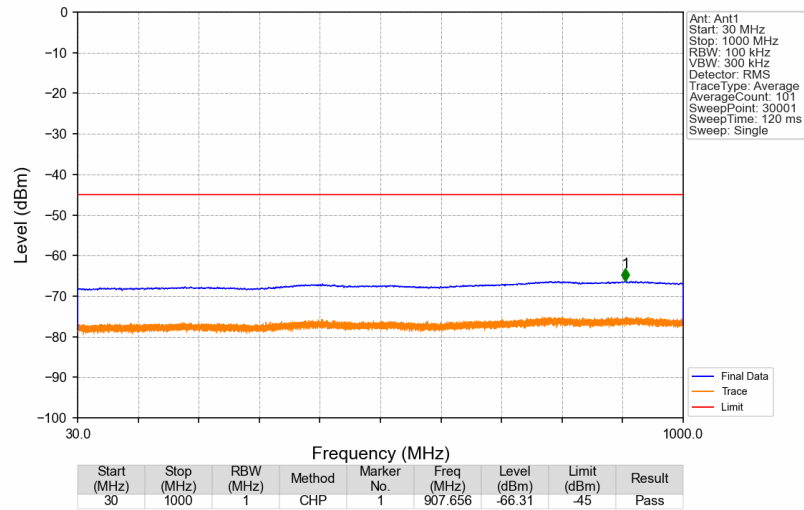
Band30\_2350.2MHz\_GMSK\_SISO\_Ant1\_NTNV



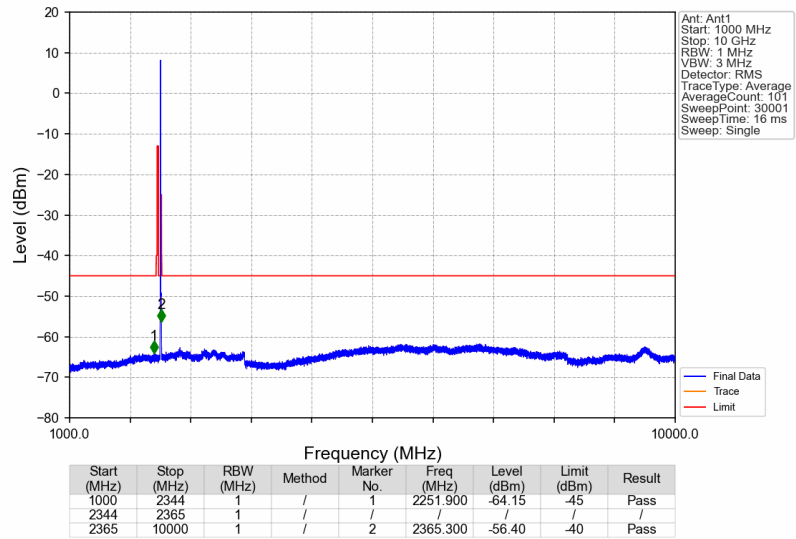
Band30\_2350.2MHz\_GMSK\_SISO\_Ant1\_NTNV



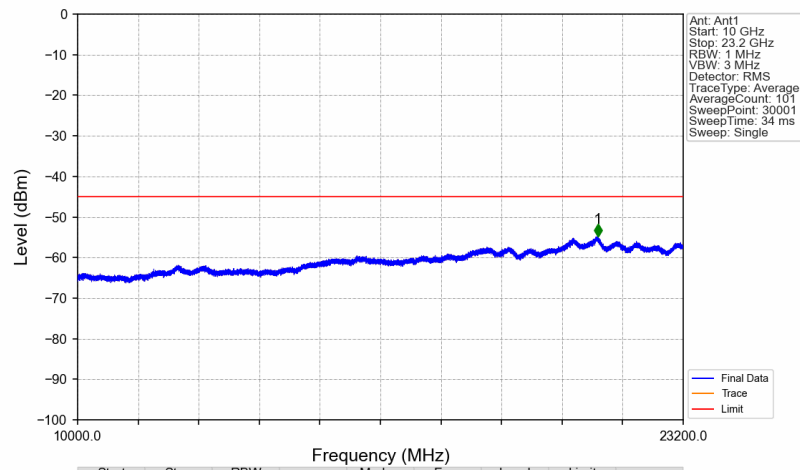
Band30\_2350.2MHz\_GMSK\_SISO\_Ant1\_NTNV



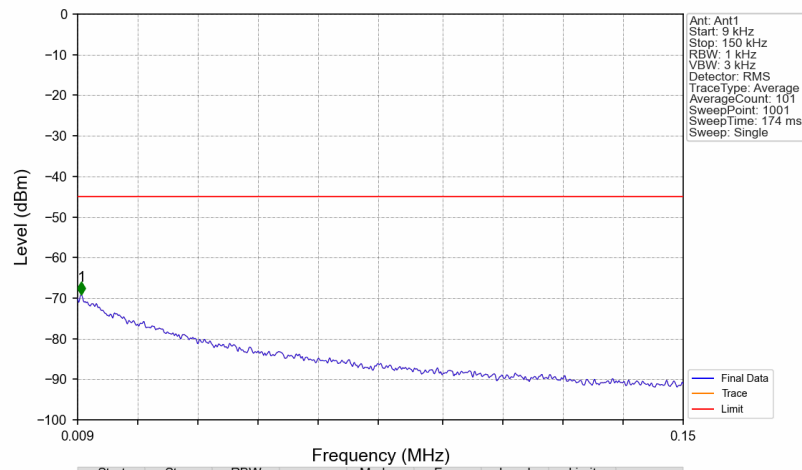
Band30\_2350.2MHz\_GMSK\_SISO\_Ant1\_NTNV



Band30\_2350.2MHz\_GMSK\_SISO\_Ant1\_NTNV

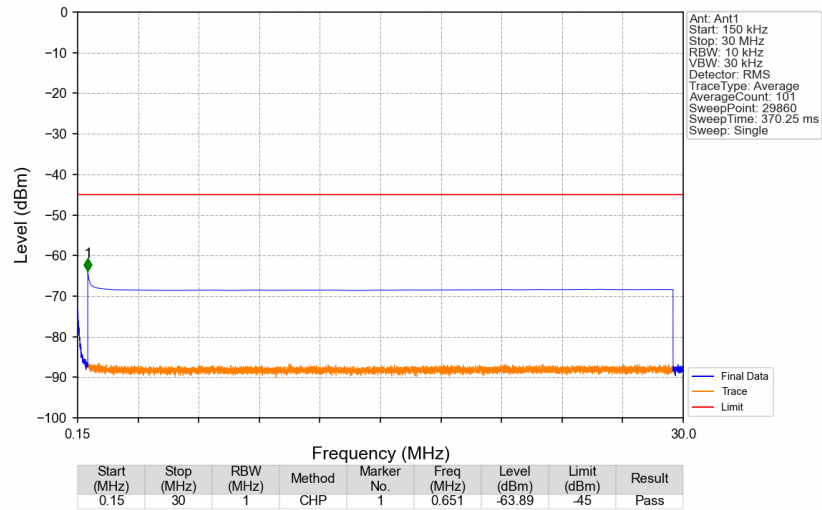


Band30\_2355MHz\_GMSK\_SISO\_Ant1\_NTNV

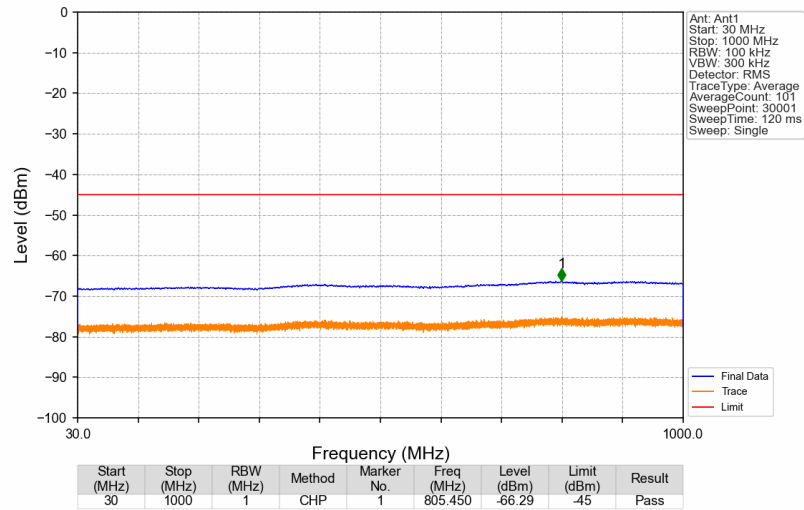




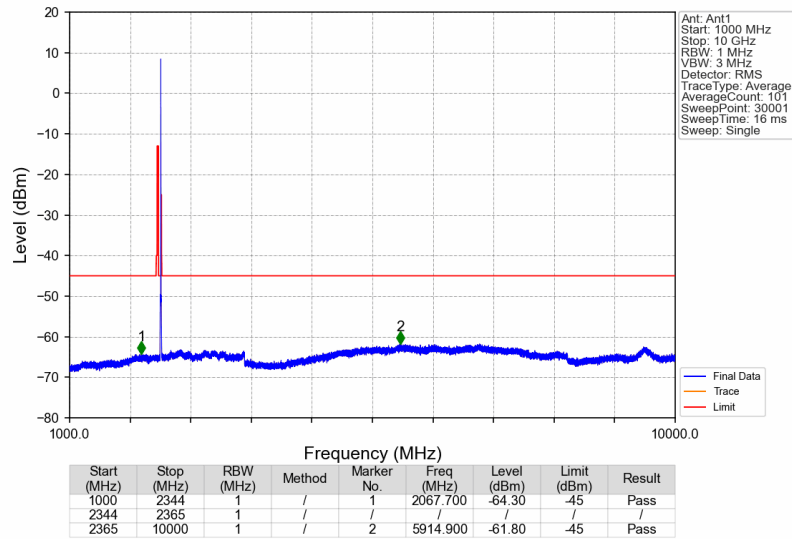
Band30\_2355MHz\_GMSK\_SISO\_Ant1\_NTNV



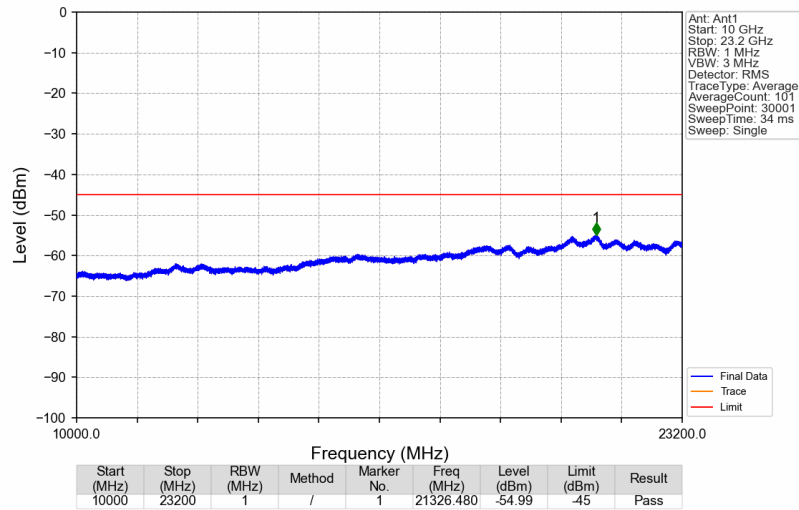
Band30\_2355MHz\_GMSK\_SISO\_Ant1\_NTNV



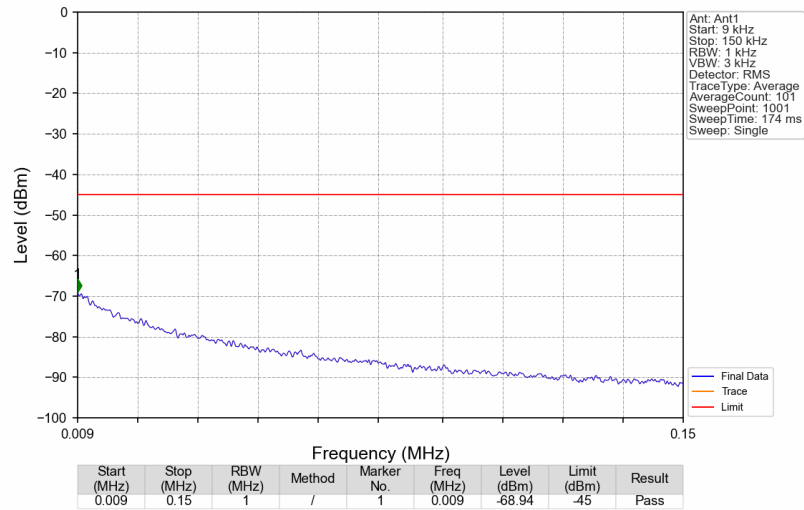
Band30\_2355MHz\_GMSK\_SISO\_Ant1\_NTNV



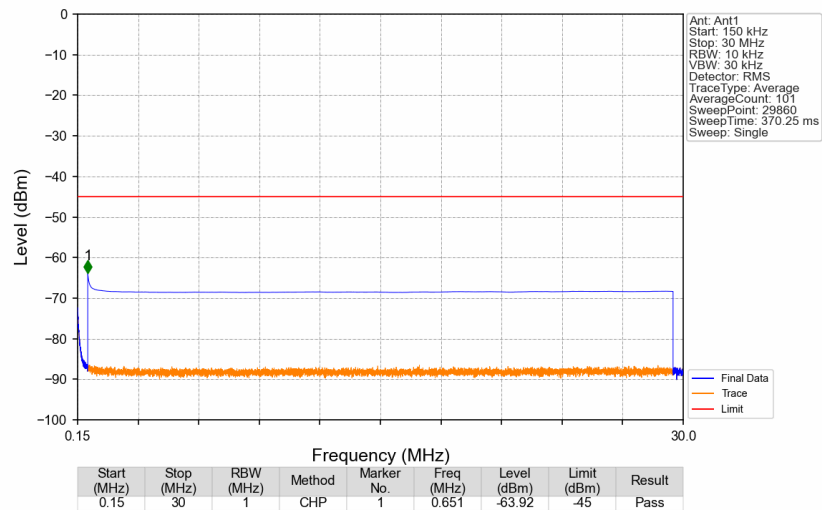
Band30\_2355MHz\_GMSK\_SISO\_Ant1\_NTNV



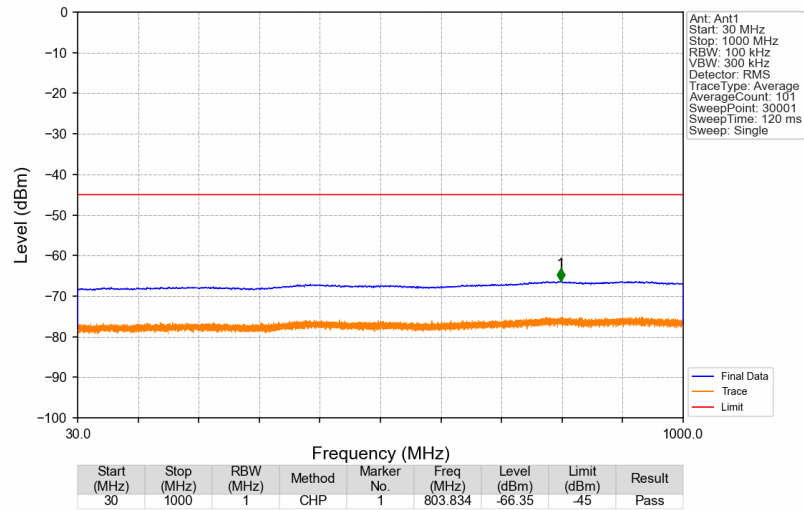
Band30\_2359.8MHz\_GMSK\_SISO\_Ant1\_NTNV



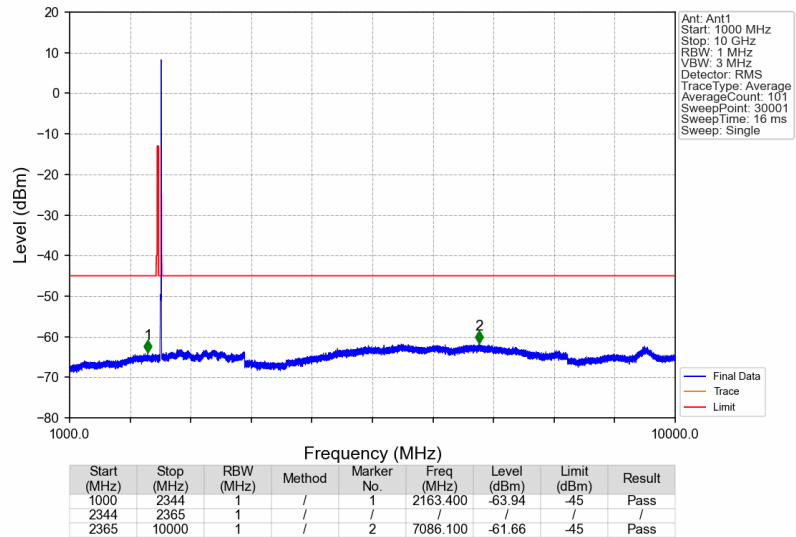
Band30\_2359.8MHz\_GMSK\_SISO\_Ant1\_NTNV



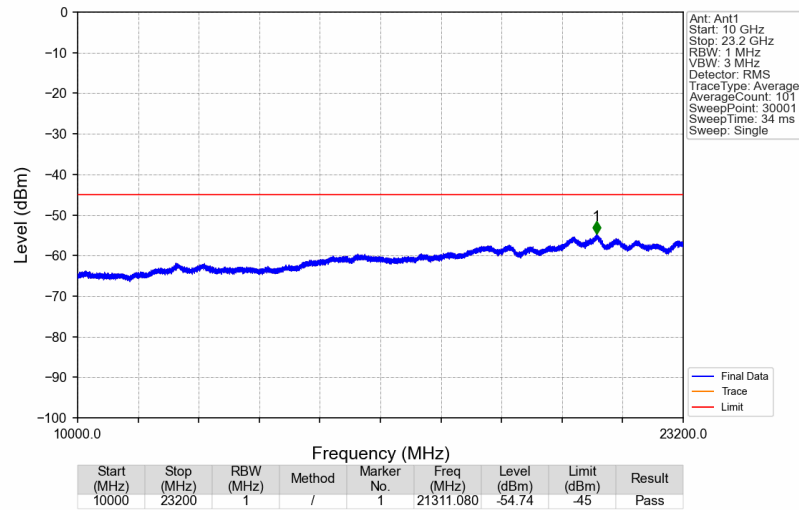
Band30\_2359.8MHz\_GMSK\_SISO\_Ant1\_NTNV



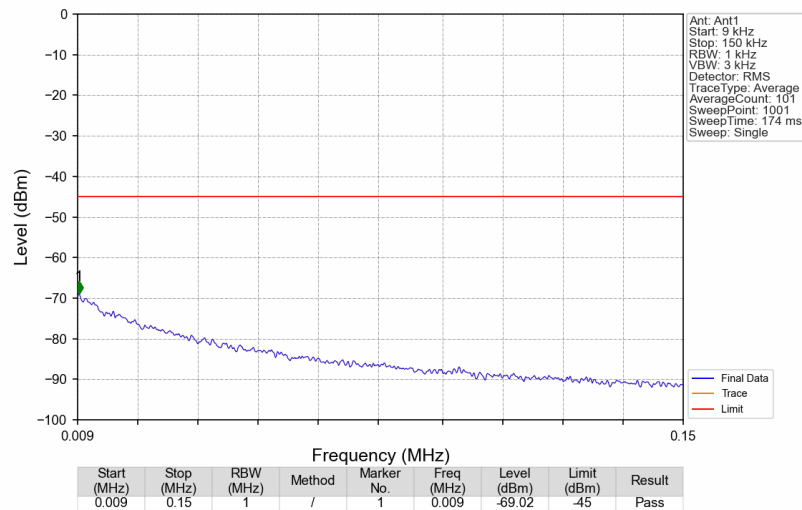
Band30\_2359.8MHz\_GMSK\_SISO\_Ant1\_NTNV



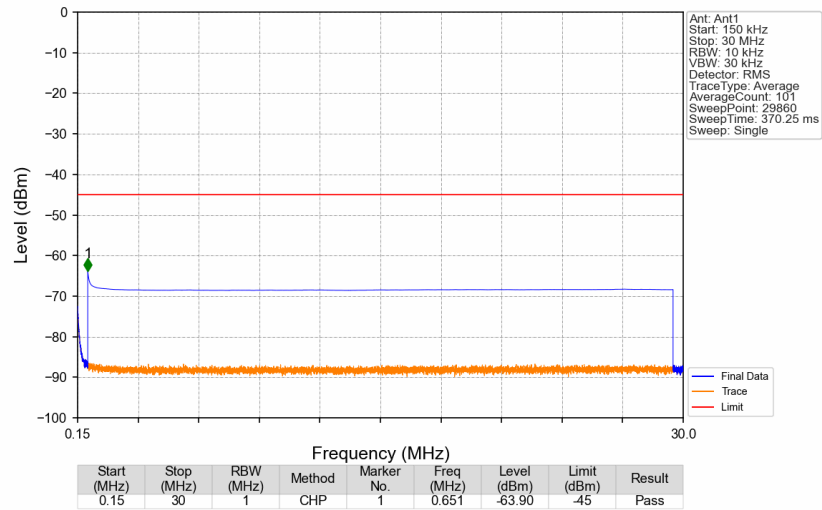
Band30\_2359.8MHz\_GMSK\_SISO\_Ant1\_NTNV



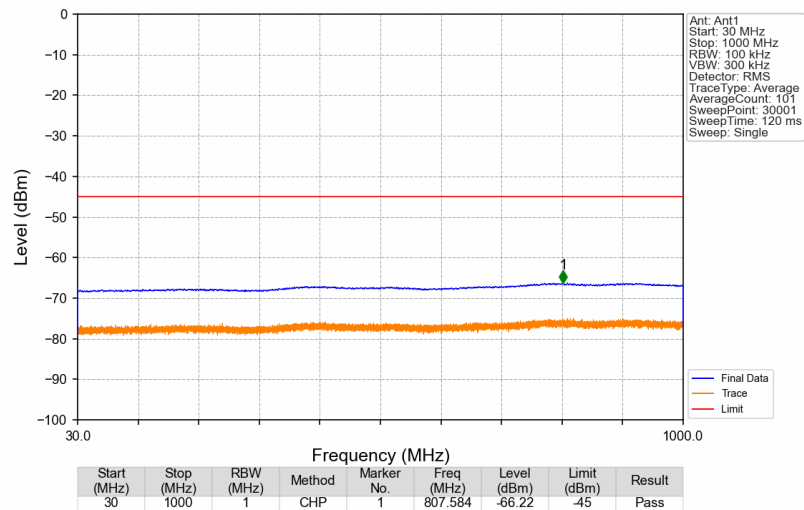
Band30\_2352.5MHz\_AWGN\_SISO\_Ant1\_NTNV



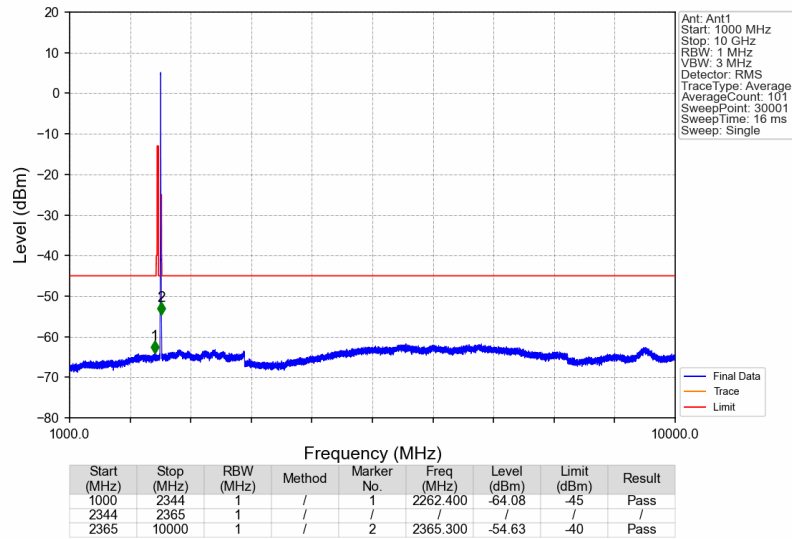
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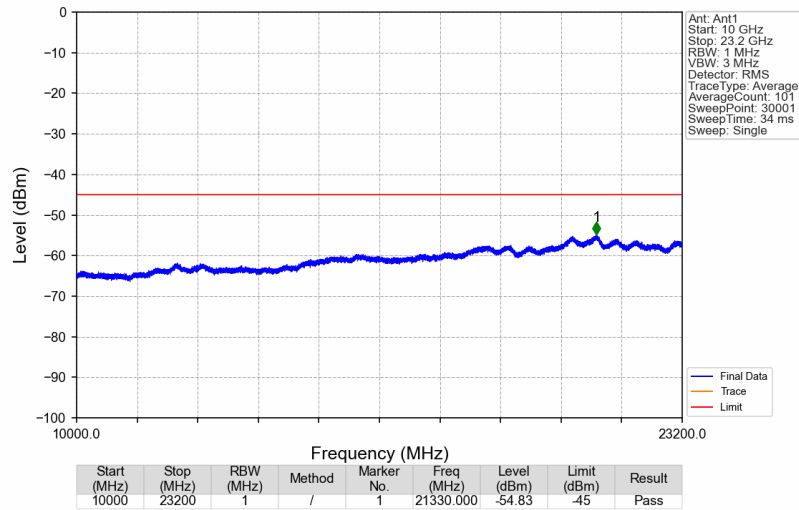
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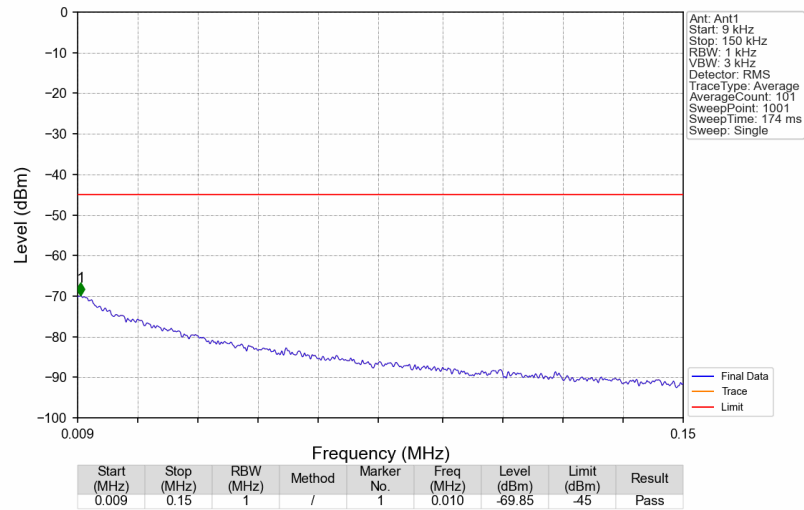
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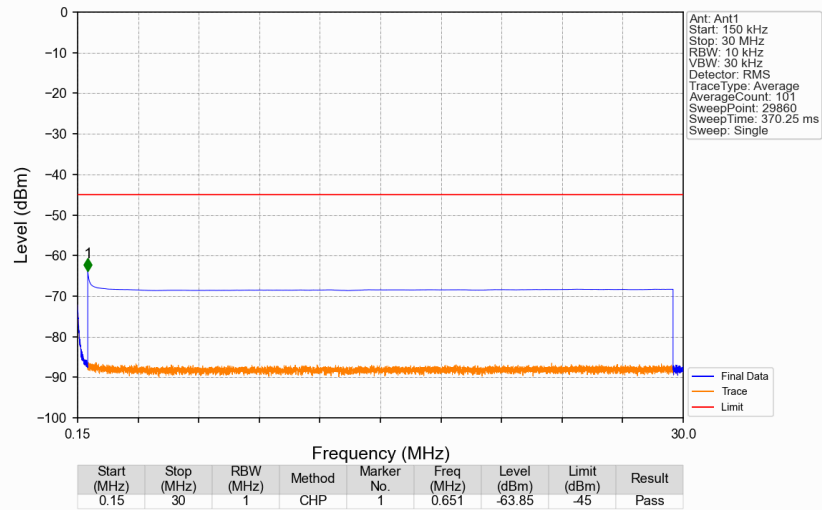
Band30\_2352.5MHz\_AWGN\_SISO\_Ant1\_NTNV



Band30\_2355MHz\_AWGN\_SISO\_Ant1\_NTNV

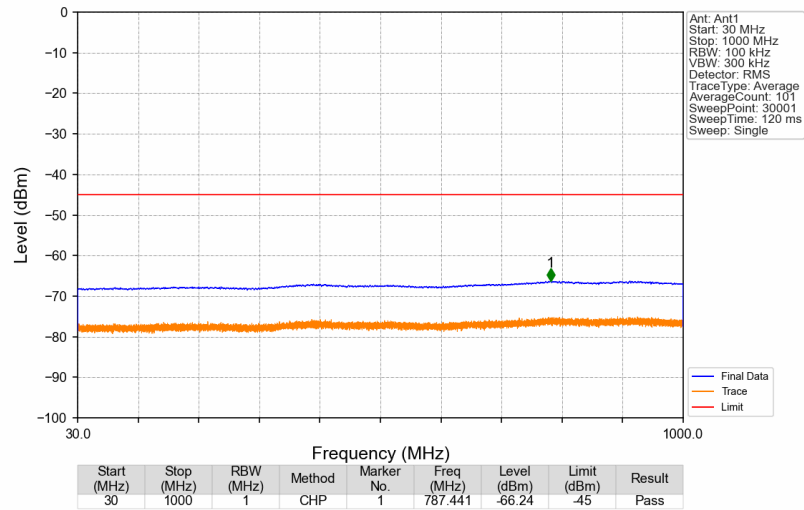


Band30\_2355MHz\_AWGN\_SISO\_Ant1\_NTNV

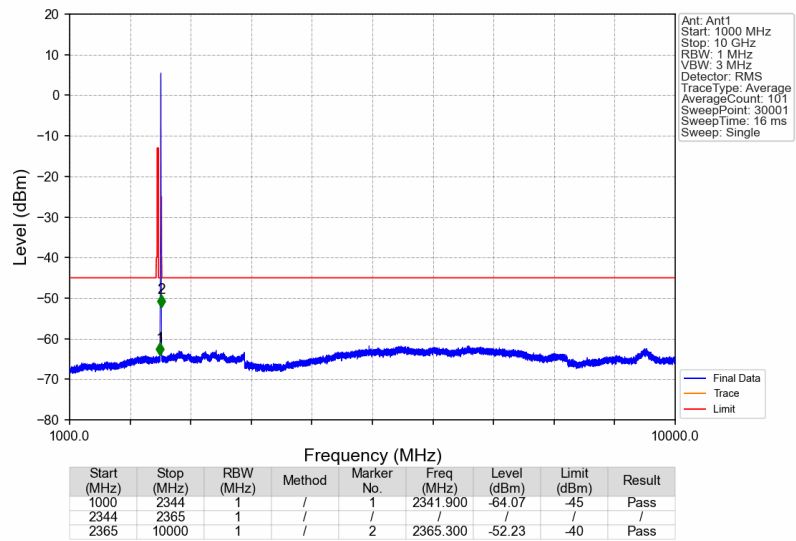




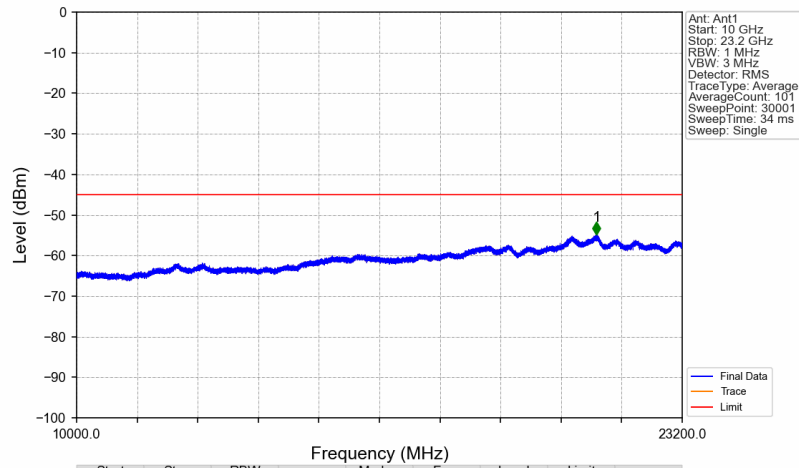
Band30\_2355MHz\_AWGN\_SISO\_Ant1\_NTNV



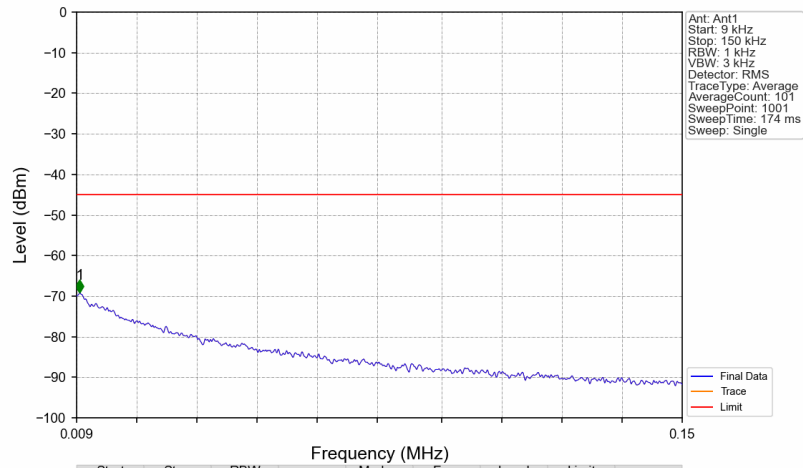
Band30\_2355MHz\_AWGN\_SISO\_Ant1\_NTNV



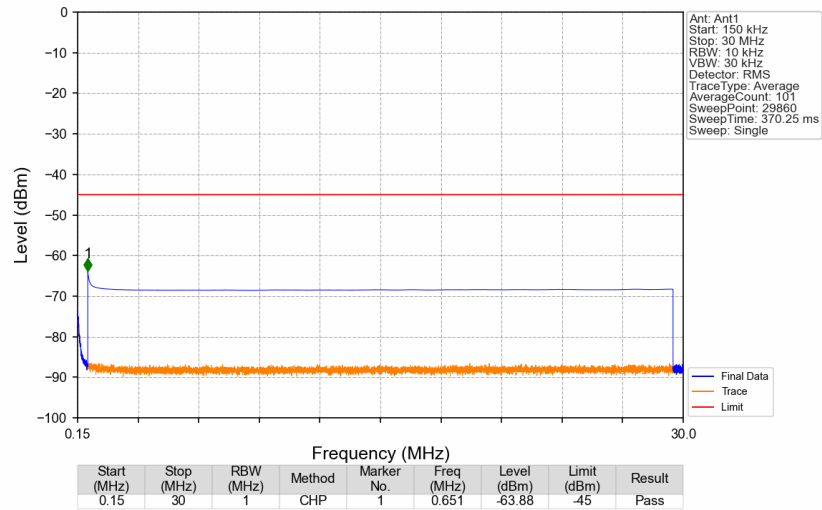
Band30\_2355MHz\_AWGN\_SISO\_Ant1\_NTNV



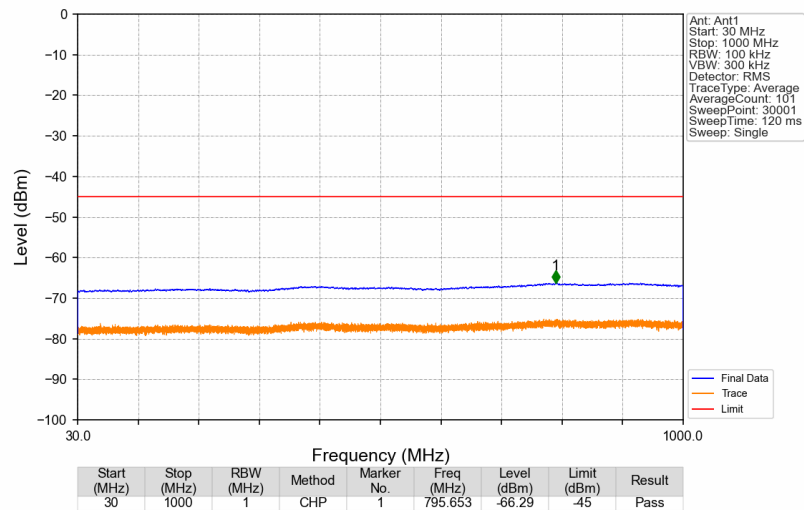
Band30\_2357.5MHz\_AWGN\_SISO\_Ant1\_NTNV



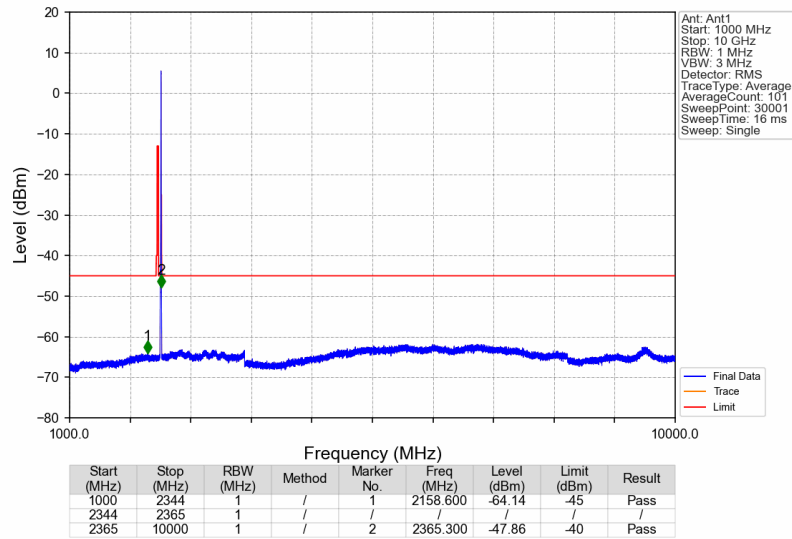
Band30\_2357.5MHz\_AWGN\_SISO\_Ant1\_NTNV



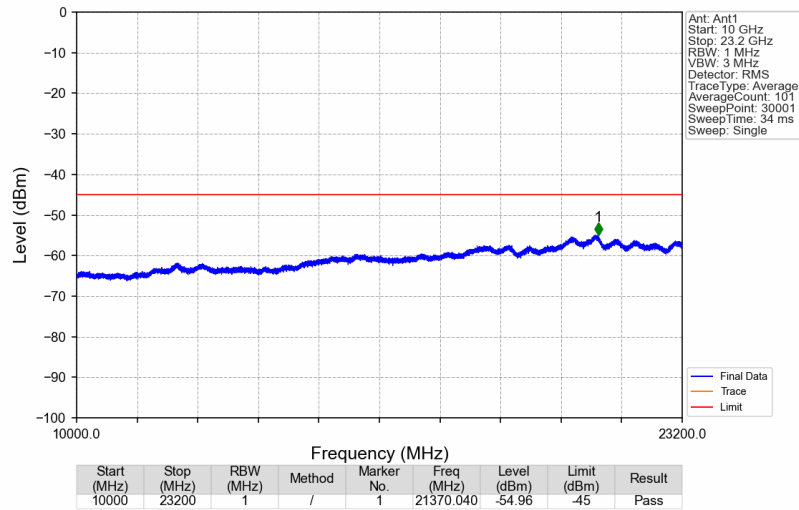
Band30\_2357.5MHz\_AWGN\_SISO\_Ant1\_NTNV



Band30\_2357.5MHz\_AWGN\_SISO\_Ant1\_NTNV



Band30\_2357.5MHz\_AWGN\_SISO\_Ant1\_NTNV



## 7. Frequency stability measurements

### 7.1 Band30\_Ant1

#### 7.1.1 Test Result

| Band: 30 / NTNV |             |                 |              |                  |                     |                    |         |
|-----------------|-------------|-----------------|--------------|------------------|---------------------|--------------------|---------|
| Signal          |             |                 | Temp<br>(°C) | Voltage<br>(VDC) | Freq. Error<br>(Hz) | Tolerance<br>(ppm) | Verdict |
| Type            | Level (dBm) | Frequency (MHz) |              |                  |                     |                    |         |
| CW              | -3          | 2350.1          | 20           | 27.5             | 11                  | 0.0047             | Pass    |
|                 |             |                 |              | 28.0             | 13                  | 0.0055             | Pass    |
|                 |             |                 |              | 28.5             | 10                  | 0.0043             | Pass    |
|                 |             |                 | -40          | 28.0             | 8                   | 0.0034             | Pass    |
|                 |             |                 | -30          | 28.0             | 9                   | 0.0038             | Pass    |
|                 |             |                 | -20          | 28.0             | 12                  | 0.0051             | Pass    |
|                 |             |                 | -10          | 28.0             | 11                  | 0.0047             | Pass    |
|                 |             |                 | 0            | 28.0             | 9                   | 0.0038             | Pass    |
|                 |             |                 | 10           | 28.0             | 8                   | 0.0034             | Pass    |
|                 |             |                 | 30           | 28.0             | 12                  | 0.0051             | Pass    |
|                 |             |                 | 40           | 28.0             | 13                  | 0.0055             | Pass    |
|                 |             |                 | 55           | 28.0             | 9                   | 0.0038             | Pass    |
|                 |             | 2355            | 20           | 27.5             | 11                  | 0.0047             | Pass    |
|                 |             |                 |              | 28.0             | 12                  | 0.0051             | Pass    |
|                 |             |                 |              | 28.5             | 8                   | 0.0034             | Pass    |
|                 |             |                 | -40          | 28.0             | 10                  | 0.0042             | Pass    |
|                 |             |                 | -30          | 28.0             | 9                   | 0.0038             | Pass    |
|                 |             |                 | -20          | 28.0             | 10                  | 0.0042             | Pass    |
|                 |             |                 | -10          | 28.0             | 13                  | 0.0055             | Pass    |
|                 |             |                 | 0            | 28.0             | 12                  | 0.0051             | Pass    |
|                 |             |                 | 10           | 28.0             | 8                   | 0.0034             | Pass    |
|                 |             |                 | 30           | 28.0             | 14                  | 0.0059             | Pass    |
|                 |             |                 | 40           | 28.0             | 12                  | 0.0051             | Pass    |
|                 |             |                 | 55           | 28.0             | 11                  | 0.0047             | Pass    |
|                 |             | 2359.9          | 20           | 27.5             | 13                  | 0.0055             | Pass    |
|                 |             |                 |              | 28.0             | 10                  | 0.0042             | Pass    |
|                 |             |                 |              | 28.5             | 12                  | 0.0051             | Pass    |
|                 |             |                 | -40          | 28.0             | 10                  | 0.0042             | Pass    |
|                 |             |                 | -30          | 28.0             | 11                  | 0.0047             | Pass    |
|                 |             |                 | -20          | 28.0             | 9                   | 0.0038             | Pass    |
|                 |             |                 | -10          | 28.0             | 10                  | 0.0042             | Pass    |
|                 |             |                 | 0            | 28.0             | 8                   | 0.0034             | Pass    |
|                 |             |                 | 10           | 28.0             | 7                   | 0.0030             | Pass    |
|                 |             |                 | 30           | 28.0             | 10                  | 0.0042             | Pass    |
|                 |             |                 | 40           | 28.0             | 13                  | 0.0055             | Pass    |
|                 |             |                 | 55           | 28.0             | 14                  | 0.0059             | Pass    |

## 8. Radiated Spurious Emissions

### 8.1 Band30\_Ant1

#### 8.1.1 Test Result

| GMSK 2350.2MHz |                                          |        |       |            |         |
|----------------|------------------------------------------|--------|-------|------------|---------|
| Frequency      | Spurious Emission Polarization and Level |        | Limit | Over Limit | Verdict |
| MHz            | Polarization                             | dBm    | dBm   | dB         |         |
| 397.4          | Horizontal                               | -68.50 | -45   | -23.50     | Pass    |
| 605.8          | Horizontal                               | -62.66 | -45   | -17.66     | Pass    |
| 926.1          | Horizontal                               | -56.95 | -45   | -11.95     | Pass    |
| 1346.7         | Horizontal                               | -61.39 | -45   | -16.39     | Pass    |
| 2773.4         | Horizontal                               | -55.30 | -45   | -10.30     | Pass    |
| 6492.1         | Horizontal                               | -51.14 | -45   | -6.14      | Pass    |
| 355.5          | Vertical                                 | -68.44 | -45   | -23.44     | Pass    |
| 565.5          | Vertical                                 | -63.39 | -45   | -18.39     | Pass    |
| 962.7          | Vertical                                 | -58.58 | -45   | -13.58     | Pass    |
| 1339.4         | Vertical                                 | -58.76 | -45   | -13.76     | Pass    |
| 2725.5         | Vertical                                 | -51.82 | -45   | -6.82      | Pass    |
| 6509.3         | Vertical                                 | -46.77 | -45   | -1.77      | Pass    |

| GMSK 2355MHz |                                          |        |       |            |         |
|--------------|------------------------------------------|--------|-------|------------|---------|
| Frequency    | Spurious Emission Polarization and Level |        | Limit | Over Limit | Verdict |
| MHz          | Polarization                             | dBm    | dBm   | dB         |         |
| 366.4        | Horizontal                               | -71.33 | -45   | -26.33     | Pass    |
| 566.9        | Horizontal                               | -65.64 | -45   | -20.64     | Pass    |
| 935.0        | Horizontal                               | -57.01 | -45   | -12.01     | Pass    |
| 1334.6       | Horizontal                               | -56.04 | -45   | -11.04     | Pass    |
| 2762.2       | Horizontal                               | -53.56 | -45   | -8.56      | Pass    |
| 6496.2       | Horizontal                               | -47.65 | -45   | -2.65      | Pass    |
| 372.5        | Vertical                                 | -70.80 | -45   | -25.80     | Pass    |
| 583.5        | Vertical                                 | -65.63 | -45   | -20.63     | Pass    |
| 945.5        | Vertical                                 | -56.98 | -45   | -11.98     | Pass    |
| 1330.9       | Vertical                                 | -58.75 | -45   | -13.75     | Pass    |
| 2757.4       | Vertical                                 | -52.66 | -45   | -7.66      | Pass    |
| 6486.5       | Vertical                                 | -48.37 | -45   | -3.37      | Pass    |

| GMSK 2359.8MHz |                                          |        |       |            |         |
|----------------|------------------------------------------|--------|-------|------------|---------|
| Frequency      | Spurious Emission Polarization and Level |        | Limit | Over Limit | Verdict |
| MHz            | Polarization                             | dBm    | dBm   | dB         |         |
| 378.9          | Horizontal                               | -71.34 | -45   | -26.34     | Pass    |
| 591.7          | Horizontal                               | -63.35 | -45   | -18.35     | Pass    |
| 970.7          | Horizontal                               | -59.63 | -45   | -14.63     | Pass    |
| 1342.7         | Horizontal                               | -58.78 | -45   | -13.78     | Pass    |
| 2741.7         | Horizontal                               | -56.18 | -45   | -11.18     | Pass    |
| 6511.2         | Horizontal                               | -48.10 | -45   | -3.10      | Pass    |
| 378.9          | Vertical                                 | -67.43 | -45   | -22.43     | Pass    |
| 575.4          | Vertical                                 | -61.44 | -45   | -16.44     | Pass    |
| 954.4          | Vertical                                 | -56.58 | -45   | -11.58     | Pass    |
| 1339.0         | Vertical                                 | -61.66 | -45   | -16.66     | Pass    |
| 2769.1         | Vertical                                 | -55.62 | -45   | -10.62     | Pass    |
| 6522.9         | Vertical                                 | -46.10 | -45   | -1.10      | Pass    |

| AWGN 2352.5MHz |                                          |        |       |            |         |
|----------------|------------------------------------------|--------|-------|------------|---------|
| Frequency      | Spurious Emission Polarization and Level |        | Limit | Over Limit | Verdict |
| MHz            | Polarization                             | dBm    | dBm   | dB         |         |
| 367.8          | Horizontal                               | -69.64 | -45   | -24.64     | Pass    |
| 597.7          | Horizontal                               | -66.73 | -45   | -21.73     | Pass    |
| 955.2          | Horizontal                               | -56.90 | -45   | -11.90     | Pass    |
| 1342.1         | Horizontal                               | -56.61 | -45   | -11.61     | Pass    |
| 2743.6         | Horizontal                               | -51.94 | -45   | -6.94      | Pass    |
| 6497.3         | Horizontal                               | -46.31 | -45   | -1.31      | Pass    |
| 395.2          | Vertical                                 | -69.28 | -45   | -24.28     | Pass    |
| 593.1          | Vertical                                 | -66.54 | -45   | -21.54     | Pass    |
| 939.7          | Vertical                                 | -59.85 | -45   | -14.85     | Pass    |
| 1348.5         | Vertical                                 | -61.27 | -45   | -16.27     | Pass    |
| 2766.2         | Vertical                                 | -54.42 | -45   | -9.42      | Pass    |
| 6483.5         | Vertical                                 | -49.47 | -45   | -4.47      | Pass    |

| AWGN 2355MHz |                                          |        |       |            |         |
|--------------|------------------------------------------|--------|-------|------------|---------|
| Frequency    | Spurious Emission Polarization and Level |        | Limit | Over Limit | Verdict |
| MHz          | Polarization                             | dBm    | dBm   | dB         |         |
| 378.1        | Horizontal                               | -69.72 | -45   | -24.72     | Pass    |
| 606.6        | Horizontal                               | -62.12 | -45   | -17.12     | Pass    |
| 975.0        | Horizontal                               | -57.99 | -45   | -12.99     | Pass    |
| 1326.9       | Horizontal                               | -57.27 | -45   | -12.27     | Pass    |
| 2735.6       | Horizontal                               | -55.44 | -45   | -10.44     | Pass    |
| 6486.1       | Horizontal                               | -49.09 | -45   | -4.09      | Pass    |
| 384.0        | Vertical                                 | -69.16 | -45   | -24.16     | Pass    |
| 586.6        | Vertical                                 | -63.00 | -45   | -18.00     | Pass    |
| 958.3        | Vertical                                 | -61.13 | -45   | -16.13     | Pass    |
| 1334.2       | Vertical                                 | -61.01 | -45   | -16.01     | Pass    |
| 2760.0       | Vertical                                 | -55.99 | -45   | -10.99     | Pass    |
| 6500.0       | Vertical                                 | -51.49 | -45   | -6.49      | Pass    |

| AWGN 2357.5MHz |                                          |        |       |            |         |
|----------------|------------------------------------------|--------|-------|------------|---------|
| Frequency      | Spurious Emission Polarization and Level |        | Limit | Over Limit | Verdict |
| MHz            | Polarization                             | dBm    | dBm   | dB         |         |
| 387.7          | Horizontal                               | -70.02 | -45   | -25.02     | Pass    |
| 609.1          | Horizontal                               | -66.83 | -45   | -21.83     | Pass    |
| 941.7          | Horizontal                               | -59.18 | -45   | -14.18     | Pass    |
| 1351.5         | Horizontal                               | -61.72 | -45   | -16.72     | Pass    |
| 2738.0         | Horizontal                               | -52.25 | -45   | -7.25      | Pass    |
| 6493.0         | Horizontal                               | -49.72 | -45   | -4.72      | Pass    |
| 401.4          | Vertical                                 | -68.33 | -45   | -23.33     | Pass    |
| 607.3          | Vertical                                 | -62.90 | -45   | -17.90     | Pass    |
| 962.8          | Vertical                                 | -61.02 | -45   | -16.02     | Pass    |
| 1366.3         | Vertical                                 | -58.45 | -45   | -13.45     | Pass    |
| 2726.0         | Vertical                                 | -54.74 | -45   | -9.74      | Pass    |
| 6499.8         | Vertical                                 | -51.68 | -45   | -6.68      | Pass    |