

## Appendix B for KSCR2401000129AT-B12

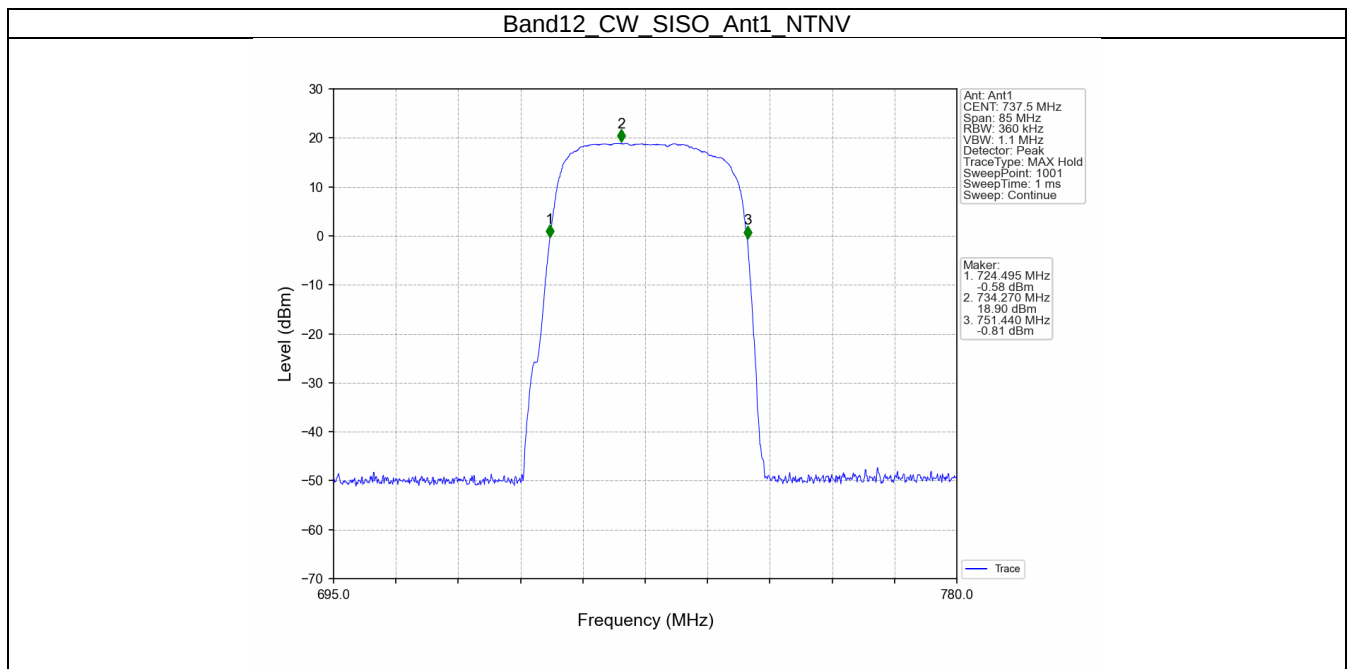
### 1. Out of band rejection

#### 1.1 Band12

##### 1.1.1 Test Result

| Band: 12 / NTN |                             |         |     |          |          |          |         |
|----------------|-----------------------------|---------|-----|----------|----------|----------|---------|
| Signal         | Sweep Frequency Range (MHz) | TX Type | ANT | F0 (MHz) | FL (MHz) | FH (MHz) | Verdict |
| CW             | 695 - 780                   | SISO    | 1   | 734.270  | 724.495  | 751.440  | Pass    |

##### 1.1.2 Test Graph



## 2. AGC threshold

### 2.1 Band12

#### 2.1.1 Test Result

| Band: 12 / NTNV |                 |         |     |                     |         |
|-----------------|-----------------|---------|-----|---------------------|---------|
| Signal          | Frequency (MHz) | TX Type | ANT | AGC Threshold (dBm) | Verdict |
| AWGN            | 734.27          | SISO    | 1   | -5.50               | Pass    |
| GMSK            | 734.27          | SISO    | 1   | -5.50               | Pass    |

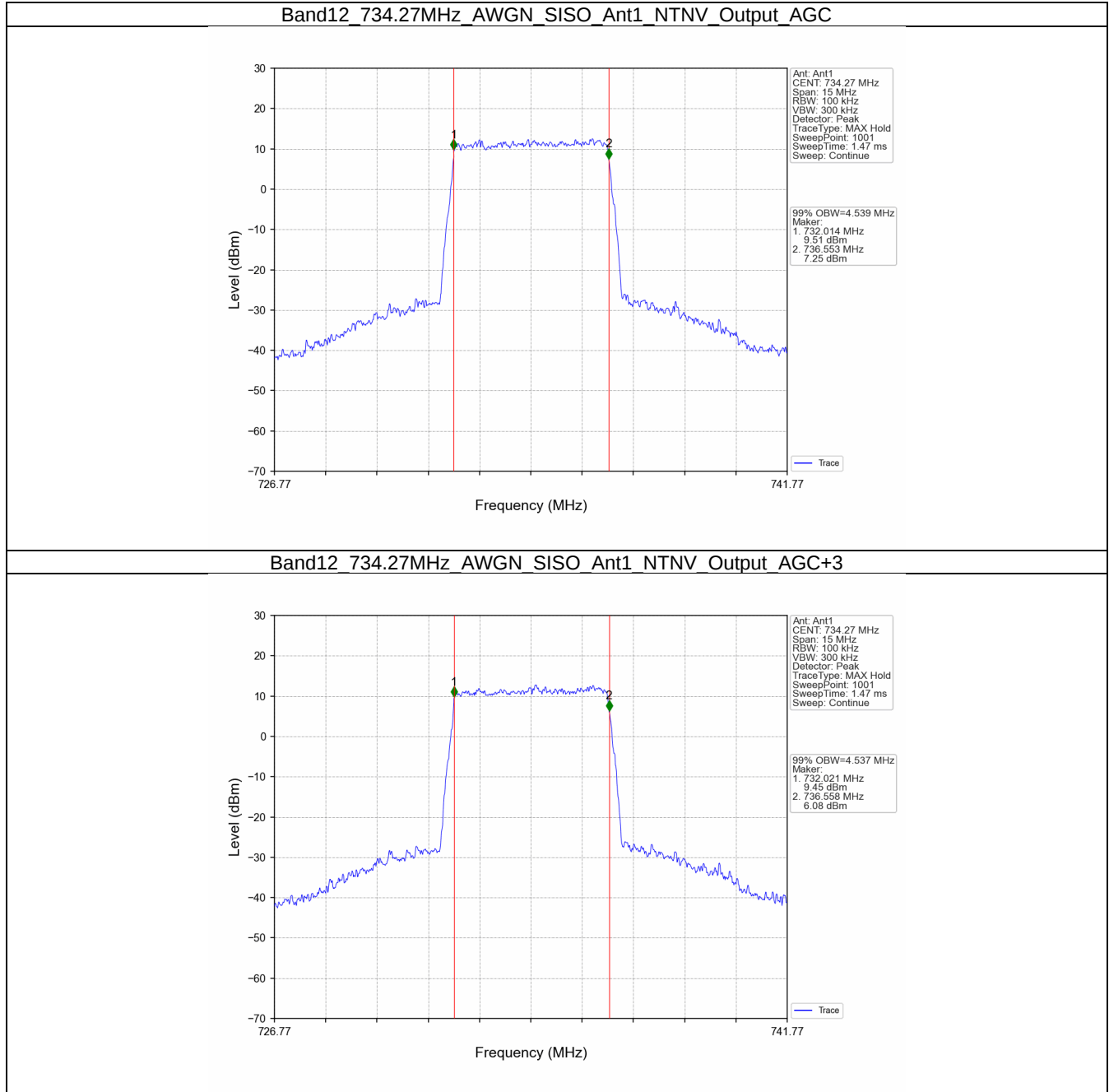
## 3. Input-versus-output signal comparison

### 3.1 Band12\_OBW

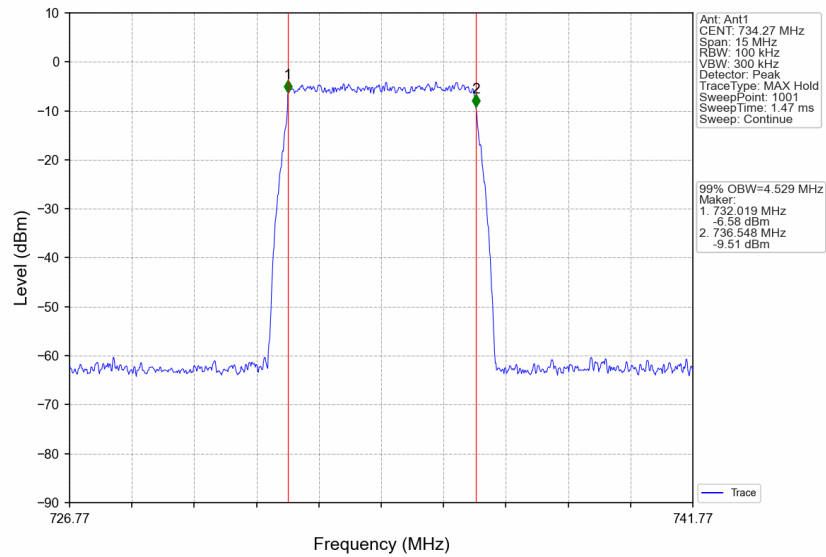
#### 3.1.1 Test Result

| Band: 12 / NTNV |             |                 |         |     |               |       |                 |           |         |
|-----------------|-------------|-----------------|---------|-----|---------------|-------|-----------------|-----------|---------|
| Signal          |             |                 | TX Type | ANT | 99% OBW (MHz) |       | Discrepancy (%) | Limit (%) | Verdict |
| Type            | Level (dBm) | Frequency (MHz) |         |     | Output        | Input |                 |           |         |
| AWGN            | -5.5        | 734.27          | SISO    | 1   | 4.539         | 4.529 | 0.2208          | 5         | Pass    |
|                 | -2.5        | 734.27          | SISO    | 1   | 4.537         | 4.525 | 0.2652          | 5         | Pass    |
| GMSK            | -5.5        | 734.27          | SISO    | 1   | 0.244         | 0.244 | 0.0000          | 5         | Pass    |
|                 | -2.5        | 734.27          | SISO    | 1   | 0.244         | 0.244 | 0.0000          | 5         | Pass    |

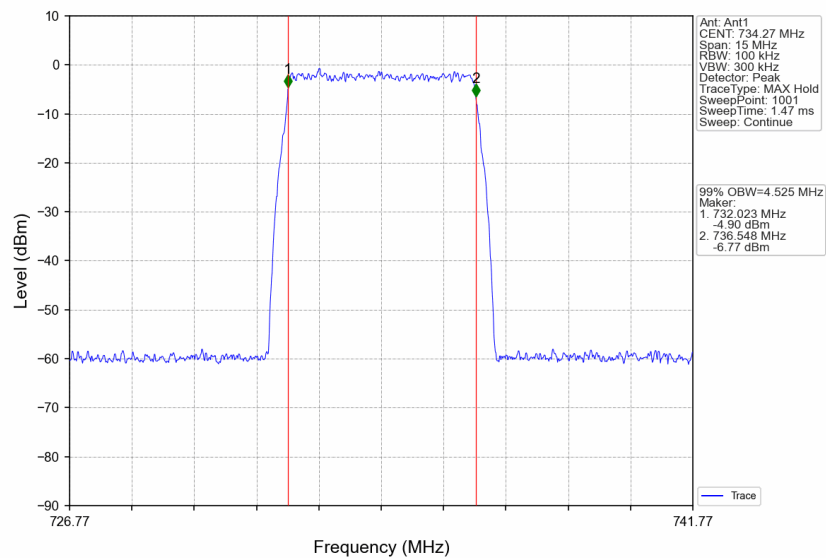
## 3.1.2 Test Graph



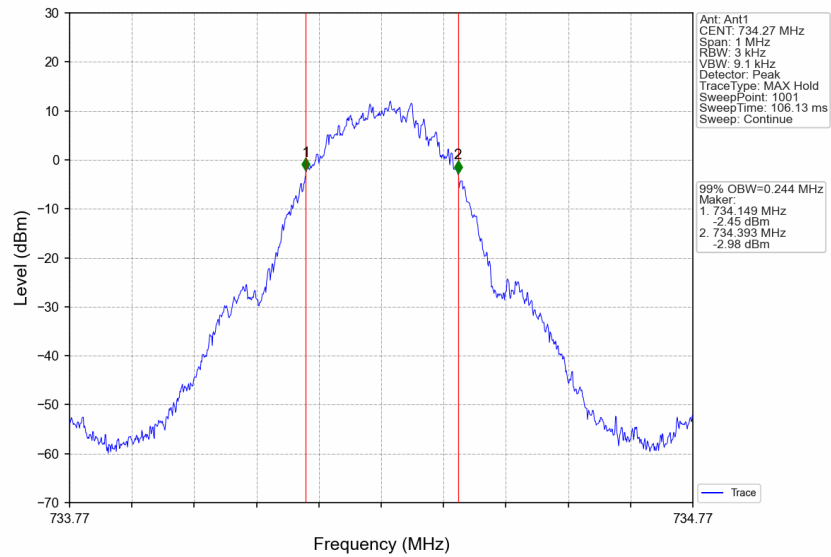
Band12\_734.27MHz\_AWGN\_SISO\_Ant1\_NTNV\_Input\_AGC



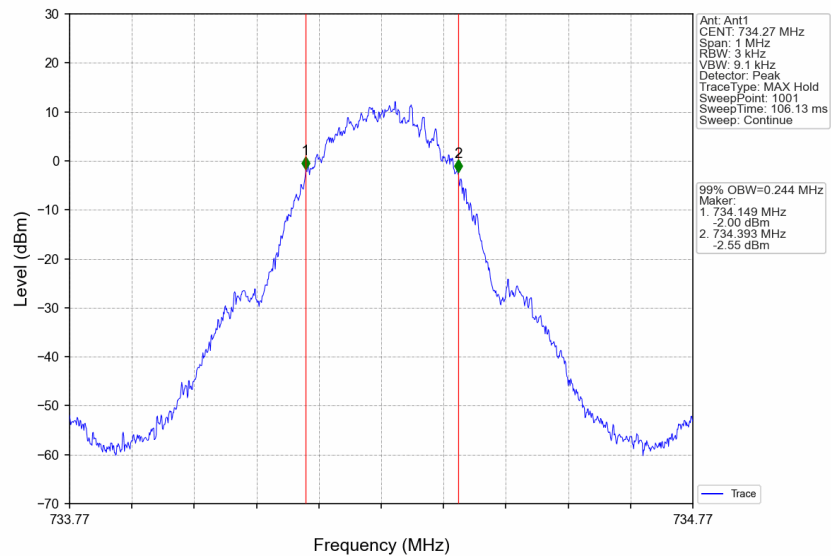
Band12\_734.27MHz\_AWGN\_SISO\_Ant1\_NTNV\_Input\_AGC+3



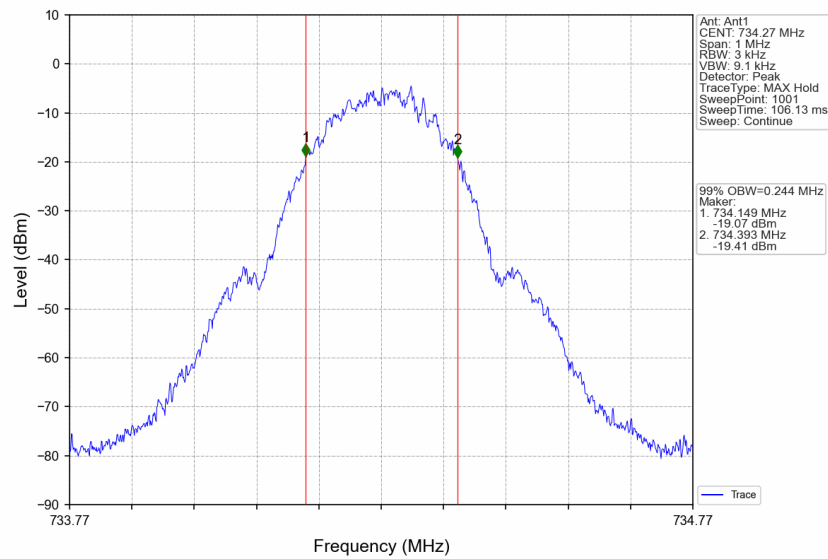
Band12\_734.27MHz\_GMSK\_SISO\_Ant1\_NTNV\_Output\_AGC



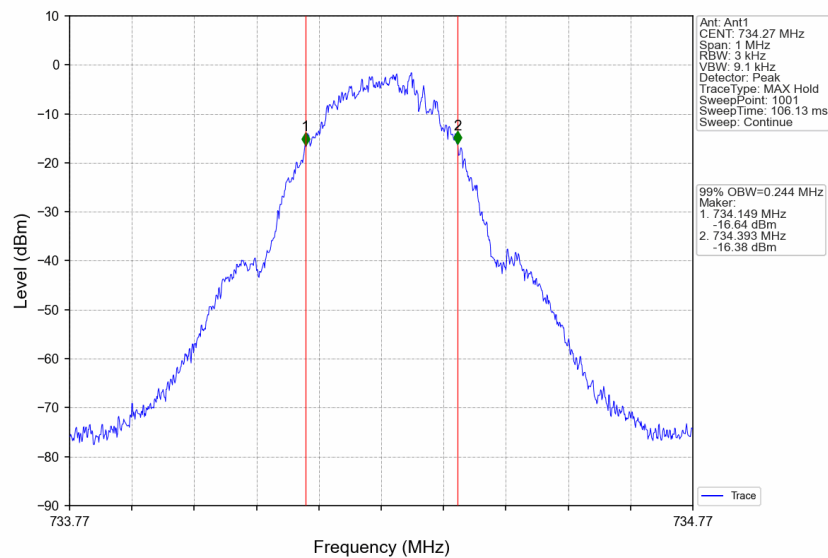
Band12\_734.27MHz\_GMSK\_SISO\_Ant1\_NTNV\_Output\_AGC+3



Band12\_734.27MHz\_GMSK\_SISO\_Ant1\_NTNV\_Input\_AGC



Band12\_734.27MHz\_GMSK\_SISO\_Ant1\_NTNV\_Input\_AGC+3

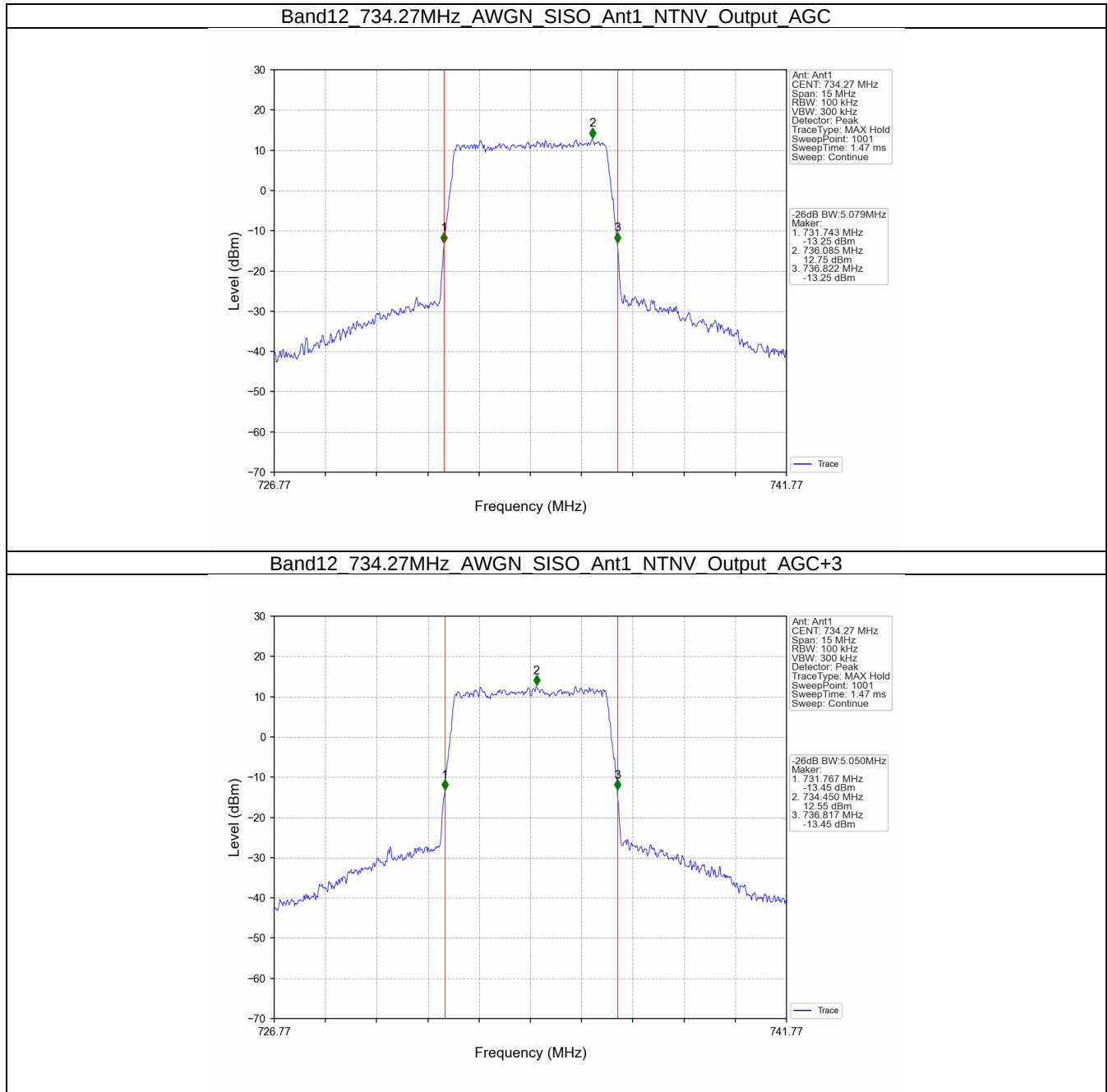


## 3.2 Band12\_EBW

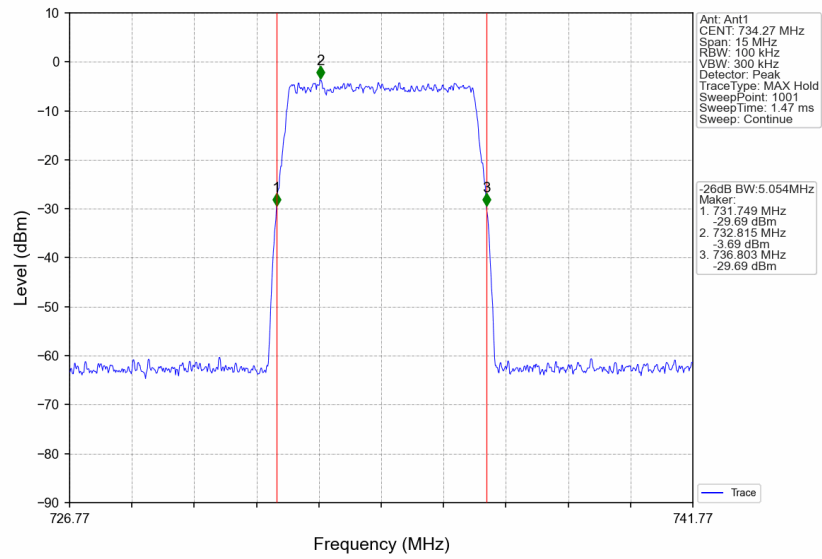
### 3.2.1 Test Result

| Band: 12 / NTNV |             |                 |         |     |                |       |                 |           |         |
|-----------------|-------------|-----------------|---------|-----|----------------|-------|-----------------|-----------|---------|
| Signal          |             |                 | TX Type | ANT | 26dB EBW (MHz) |       | Discrepancy (%) | Limit (%) | Verdict |
| Type            | Level (dBm) | Frequency (MHz) |         |     | Output         | Input |                 |           |         |
| AWGN            | -5.5        | 734.27          | SISO    | 1   | 5.079          | 5.054 | 0.4947          | 5         | Pass    |
|                 | -2.5        | 734.27          | SISO    | 1   | 5.050          | 5.063 | -0.2570         | 5         | Pass    |
| GMSK            | -5.5        | 734.27          | SISO    | 1   | 0.315          | 0.316 | -0.3160         | 5         | Pass    |
|                 | -2.5        | 734.27          | SISO    | 1   | 0.313          | 0.314 | -0.3180         | 5         | Pass    |

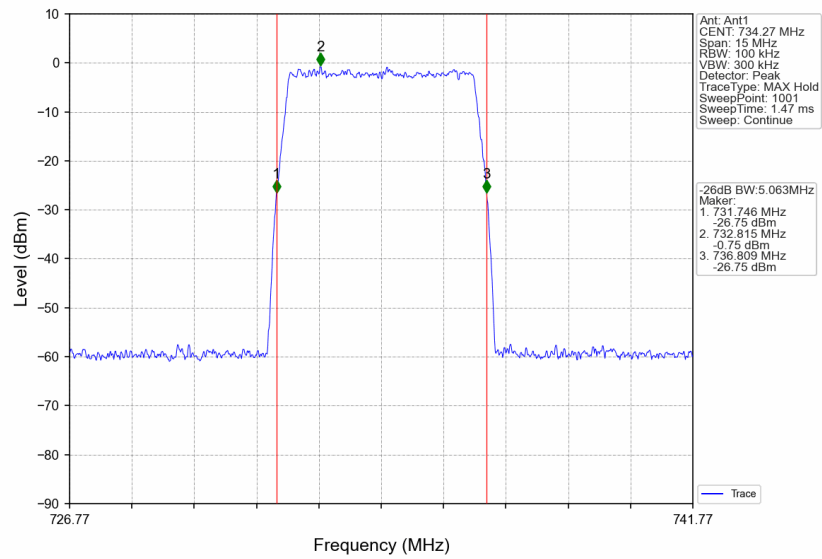
## 3.2.2 Test Graph



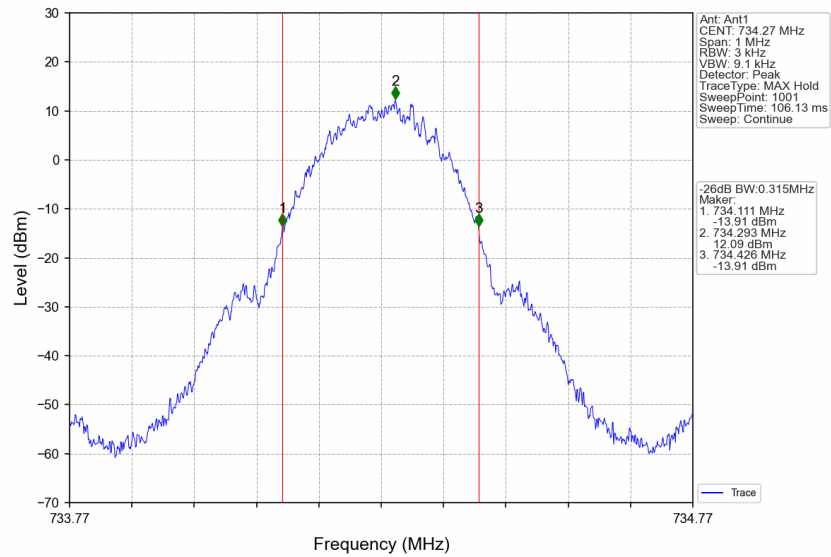
Band12\_734.27MHz\_AWGN\_SISO\_Ant1\_NTNV\_Input\_AGC



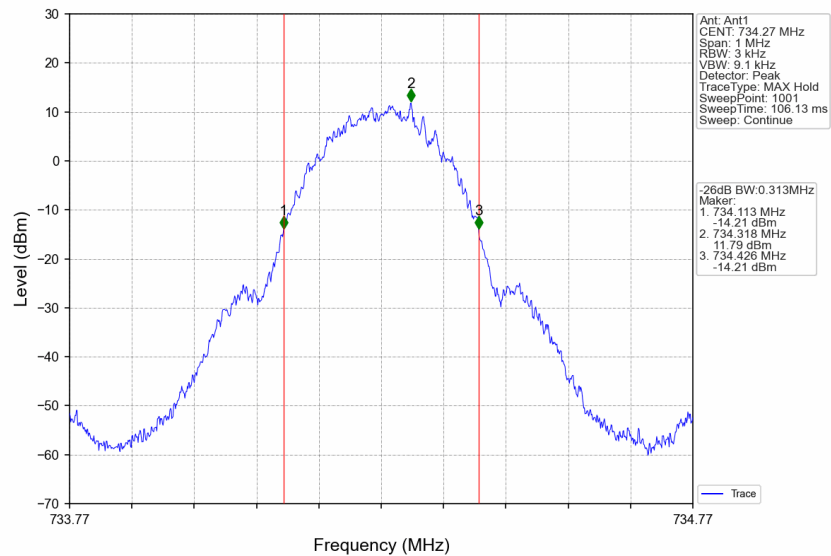
Band12\_734.27MHz\_AWGN\_SISO\_Ant1\_NTNV\_Input\_AGC+3



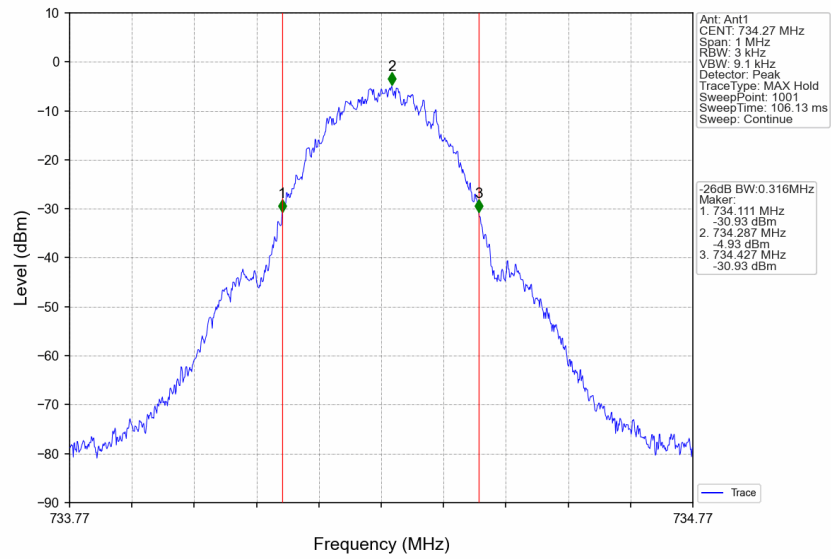
Band12\_734.27MHz\_GMSK\_SISO\_Ant1\_NTNV\_Output\_AGC



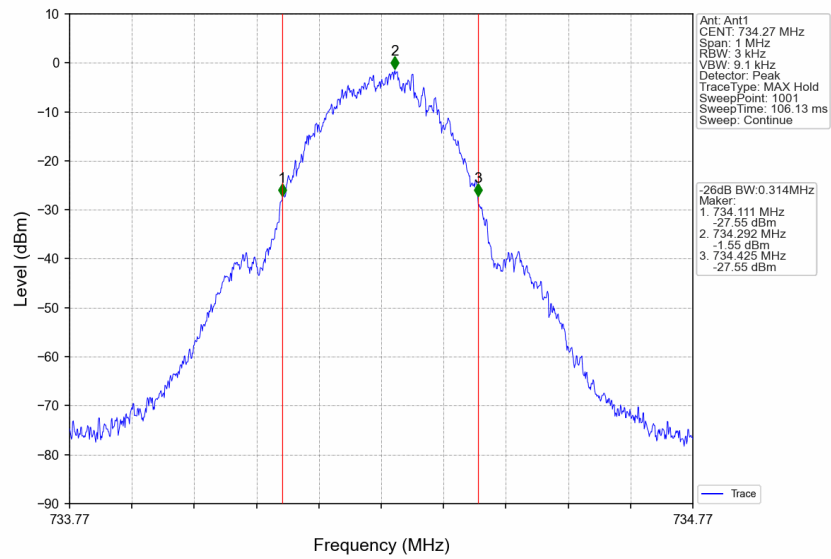
Band12\_734.27MHz\_GMSK\_SISO\_Ant1\_NTNV\_Output\_AGC+3



Band12\_734.27MHz\_GMSK\_SISO\_Ant1\_NTNV\_Input\_AGC



Band12\_734.27MHz\_GMSK\_SISO\_Ant1\_NTNV\_Input\_AGC+3



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

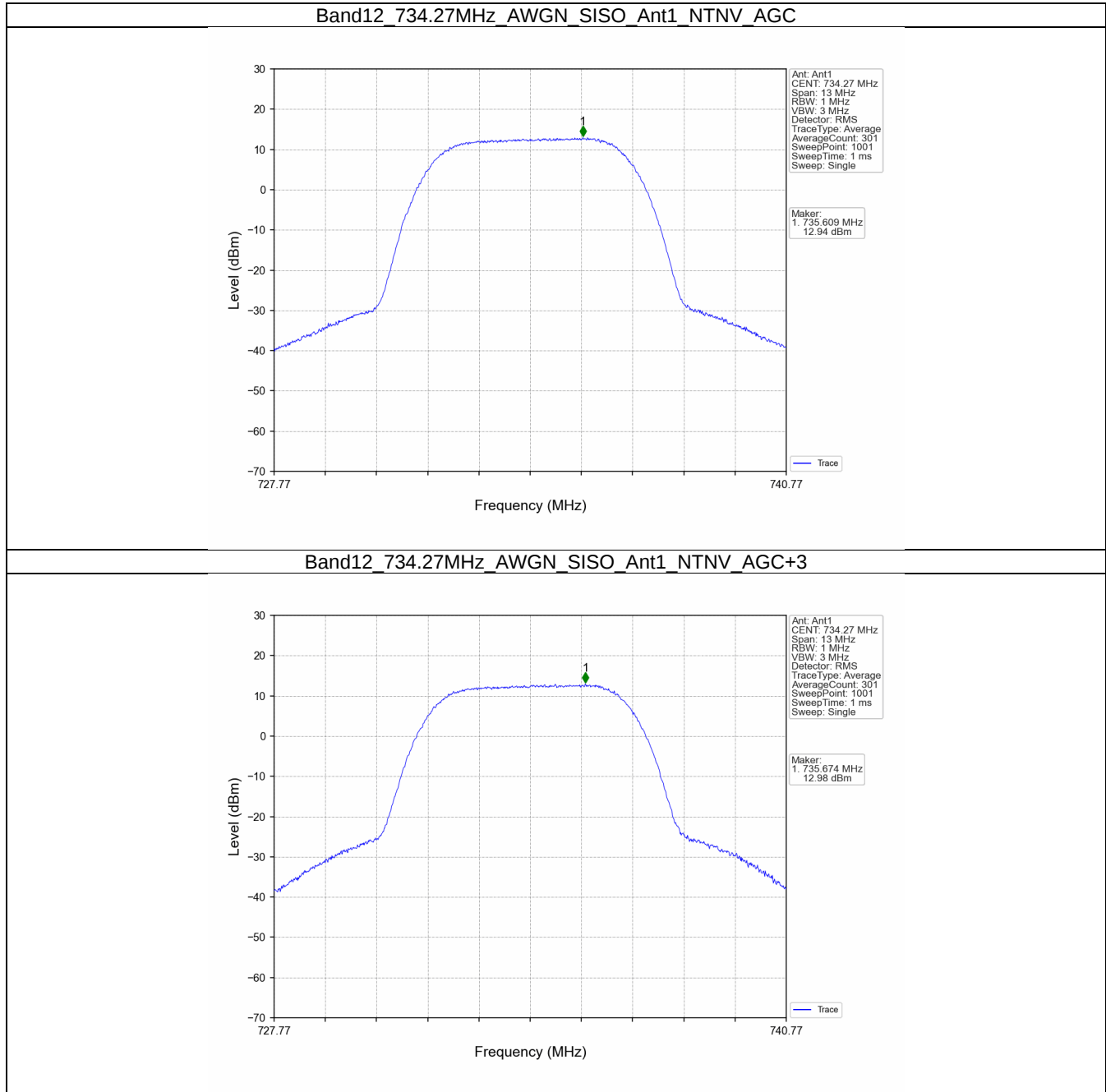
##### 4.1 Band12\_ERP

##### 4.1.1 Test Result

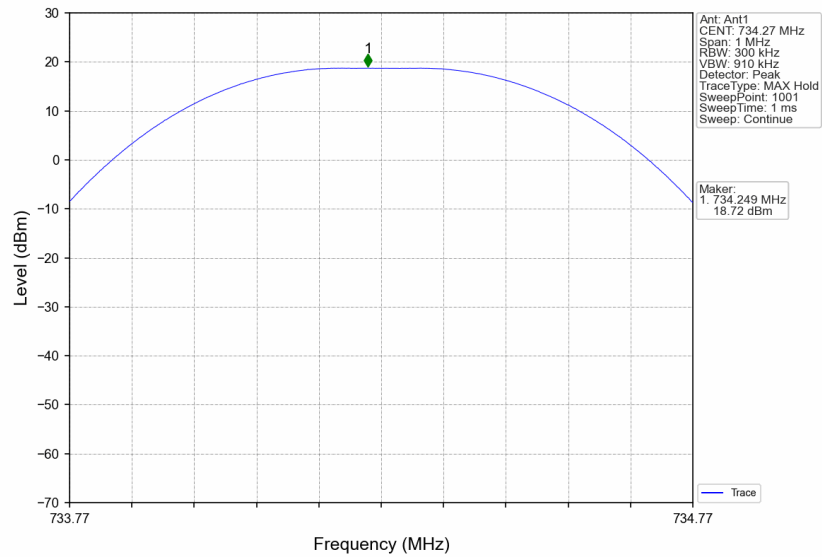
| Band: 12 / NTNV |             |                 |         |     |                           |        |               |       |                   |         |
|-----------------|-------------|-----------------|---------|-----|---------------------------|--------|---------------|-------|-------------------|---------|
| Signal          |             |                 | TX Type | ANT | Conducted Power (dBm/MHz) |        | ERP (dBm/MHz) |       | Booster Gain (dB) | Verdict |
| Type            | Level (dBm) | Frequency (MHz) |         |     | Output                    | Input  | Result        | Limit |                   |         |
| AWGN            | -5.5        | 734.27          | SISO    | 1   | 12.94                     | -11.89 | 13.85         | <=60  | 24.83             | Pass    |
|                 | -2.5        | 734.27          | SISO    | 1   | 12.98                     | -8.74  | 13.89         | <=60  | /                 | Pass    |
| GMSK            | -5.5        | 734.27          | SISO    | 1   | 18.72                     | -5.93  | 19.63         | <=60  | 24.65             | Pass    |
|                 | -2.5        | 734.27          | SISO    | 1   | 18.78                     | -2.11  | 19.69         | <=60  | /                 | Pass    |

| 728MHz-746MHz / NTNV |                 |             |               |                   |                          |           |           |
|----------------------|-----------------|-------------|---------------|-------------------|--------------------------|-----------|-----------|
| Operation Band       | Frequency (MHz) | Signal Type | Signal Level  | Input Power (dBm) | Total Output Power (dBm) | ERP (dBm) | Gain (dB) |
| 728MHz-746MHz        | 734.27          | AWGN        | Pre-AGC       | -5.5              | 18.45                    | 19.36     | /         |
|                      |                 |             | 3dB Above AGC | -2.5              | 18.49                    | 19.40     | /         |
|                      | 734.27          | GMSK        | Pre-AGC       | -5.5              | 18.57                    | 19.48     | /         |
|                      |                 |             | 3dB Above AGC | -2.5              | 18.63                    | 19.54     | /         |

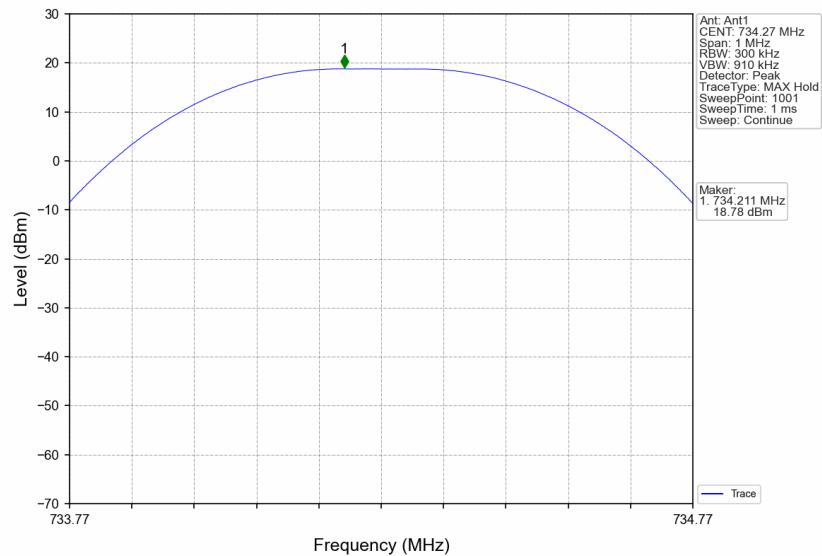
## 4.1.2 Test Graph



Band12\_734.27MHz\_GMSK\_SISO\_Ant1\_NTNV\_AGC



Band12\_734.27MHz\_GMSK\_SISO\_Ant1\_NTNV\_AGC+3

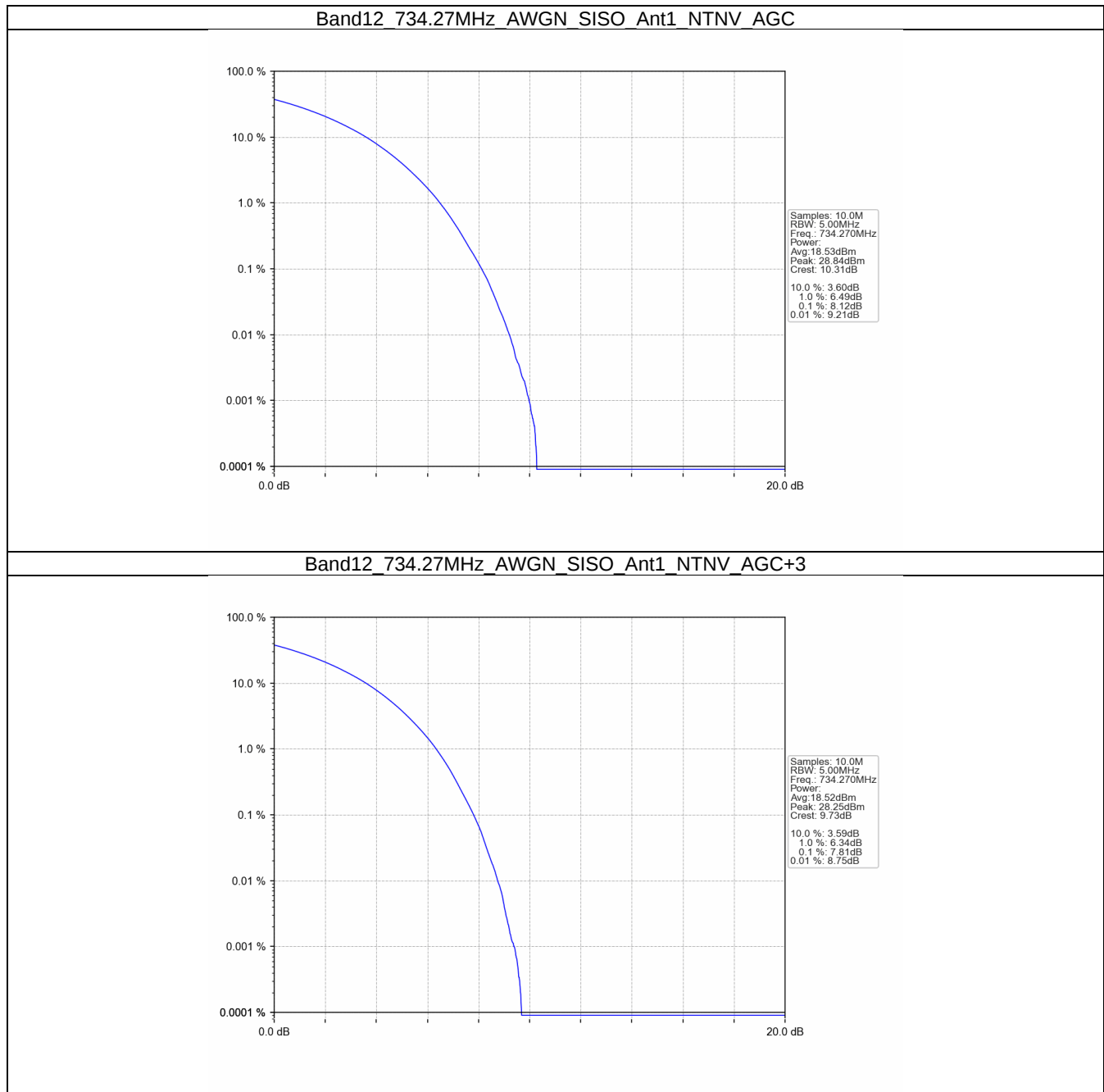


## 4.2 Band12\_PAPR

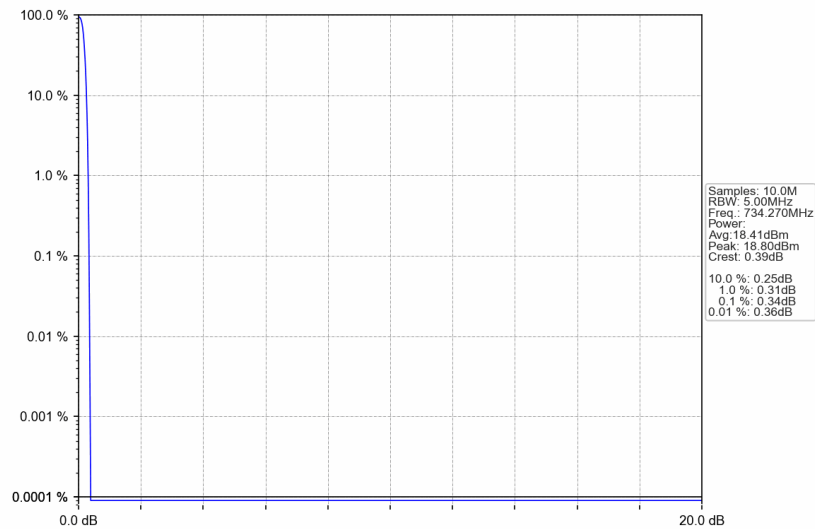
### 4.2.1 Test Result

| Band: 12 / NTNV |             |                 |         |     |           |       |         |
|-----------------|-------------|-----------------|---------|-----|-----------|-------|---------|
| Signal          |             |                 | TX Type | ANT | PAPR (dB) |       | Verdict |
| Type            | Level (dBm) | Frequency (MHz) |         |     | Result    | Limit |         |
| AWGN            | -5.5        | 734.27          | SISO    | 1   | 8.12      | <=13  | Pass    |
|                 | -2.5        | 734.27          | SISO    | 1   | 7.81      | <=13  | Pass    |
| GMSK            | -5.5        | 734.27          | SISO    | 1   | 0.34      | <=13  | Pass    |
|                 | -2.5        | 734.27          | SISO    | 1   | 0.37      | <=13  | Pass    |

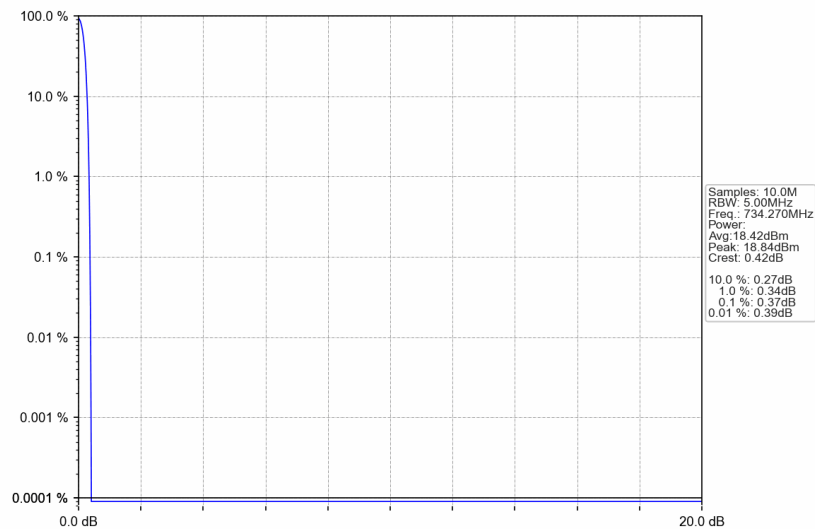
## 4.2.2 Test Graph



Band12\_734.27MHz\_GMSK\_SISO\_Ant1\_NTNV\_AGC



Band12\_734.27MHz\_GMSK\_SISO\_Ant1\_NTNV\_AGC+3



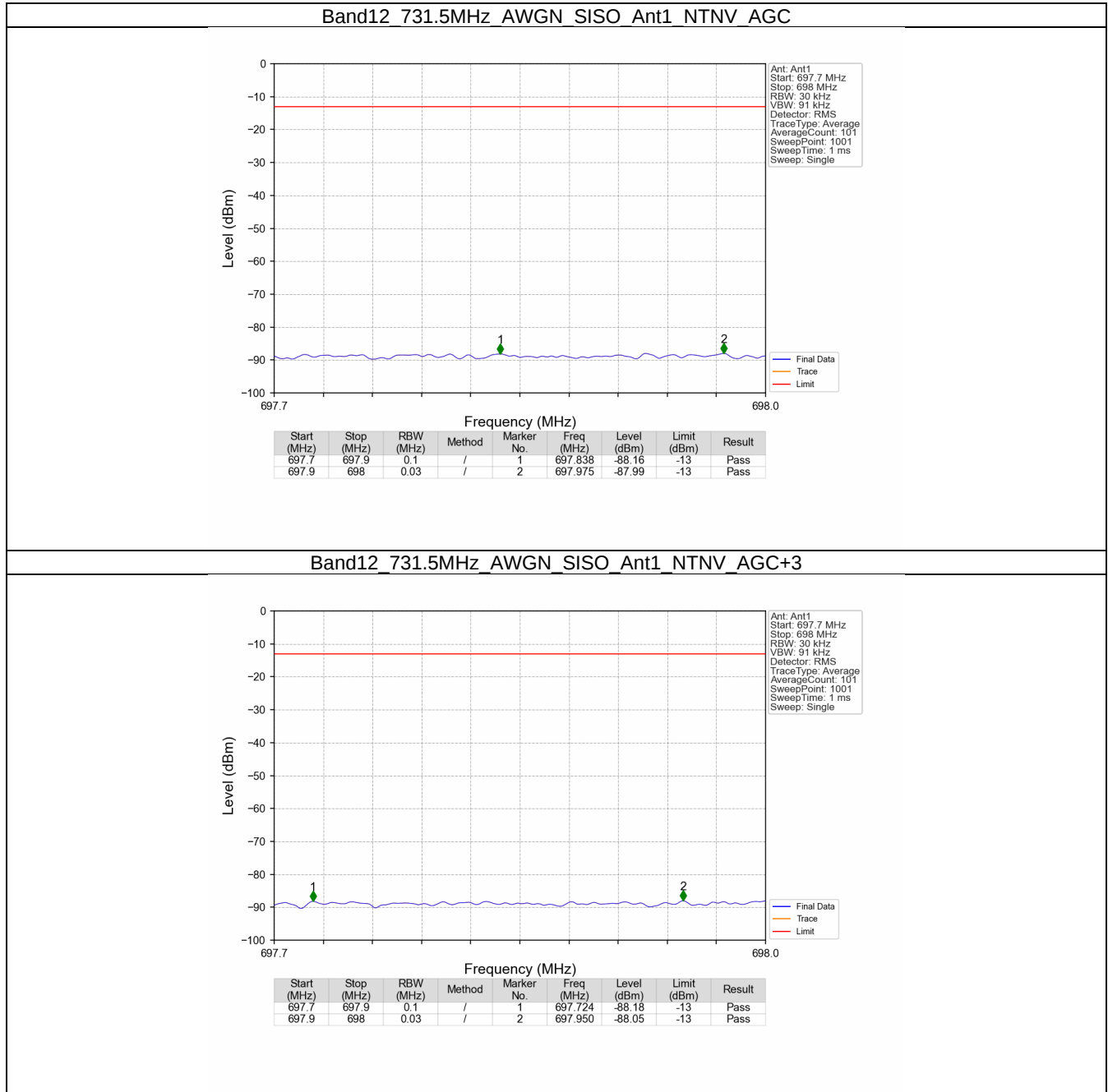
## 5. Out-of-band/out-of-block (including intermodulation) emissions

### 5.1 Band12

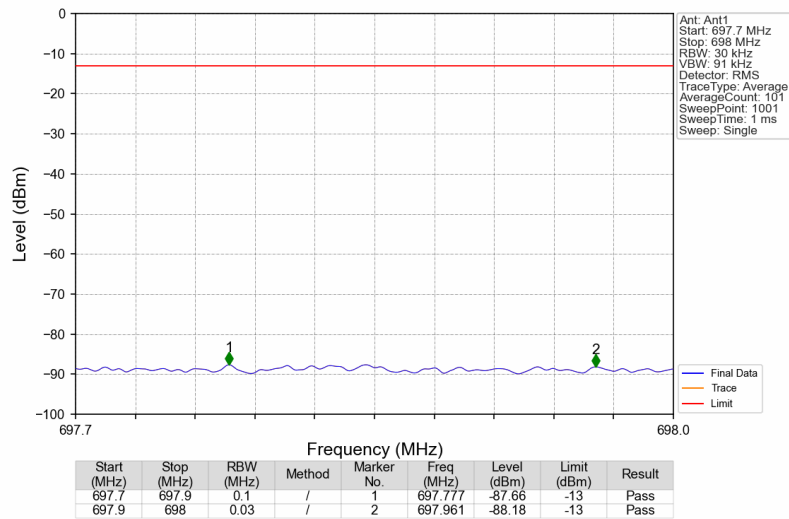
#### 5.1.1 Test Result

| Band: 12 / NTNV |      |             |                 |         |         |     |           |                     |         |
|-----------------|------|-------------|-----------------|---------|---------|-----|-----------|---------------------|---------|
| Signal          |      |             |                 | Channel | TX Type | ANT | OOB (dBm) |                     | Verdict |
| Input           | Type | Level (dBm) | Frequency (MHz) |         |         |     | Result    | Limit               |         |
| Two             | AWGN | -5.5        | 731.5           | LCH     | SISO    | 1   | -87.99    | Refer To Test Graph | Pass    |
|                 |      | -2.5        | 731.5           | LCH     | SISO    | 1   | -88.05    | Refer To Test Graph | Pass    |
| One             | AWGN | -5.5        | 731.5           | LCH     | SISO    | 1   | -87.66    | Refer To Test Graph | Pass    |
|                 |      | -2.5        | 731.5           | LCH     | SISO    | 1   | -88.10    | Refer To Test Graph | Pass    |
| Two             | AWGN | -5.5        | 743.5           | HCH     | SISO    | 1   | -87.76    | Refer To Test Graph | Pass    |
|                 |      | -2.5        | 743.5           | HCH     | SISO    | 1   | -87.75    | Refer To Test Graph | Pass    |
| One             | AWGN | -5.5        | 743.5           | HCH     | SISO    | 1   | -87.52    | Refer To Test Graph | Pass    |
|                 |      | -2.5        | 743.5           | HCH     | SISO    | 1   | -87.50    | Refer To Test Graph | Pass    |
| Two             | GMSK | -5.5        | 729.1           | LCH     | SISO    | 1   | -87.58    | Refer To Test Graph | Pass    |
|                 |      | -2.5        | 729.1           | LCH     | SISO    | 1   | -87.76    | Refer To Test Graph | Pass    |
| One             | GMSK | -5.5        | 729.1           | LCH     | SISO    | 1   | -87.83    | Refer To Test Graph | Pass    |
|                 |      | -2.5        | 729.1           | LCH     | SISO    | 1   | -87.78    | Refer To Test Graph | Pass    |
| Two             | GMSK | -5.5        | 745.9           | HCH     | SISO    | 1   | -87.69    | Refer To Test Graph | Pass    |
|                 |      | -2.5        | 745.9           | HCH     | SISO    | 1   | -87.74    | Refer To Test Graph | Pass    |
| One             | GMSK | -5.5        | 745.9           | HCH     | SISO    | 1   | -87.51    | Refer To Test Graph | Pass    |
|                 |      | -2.5        | 745.9           | HCH     | SISO    | 1   | -87.81    | Refer To Test Graph | Pass    |

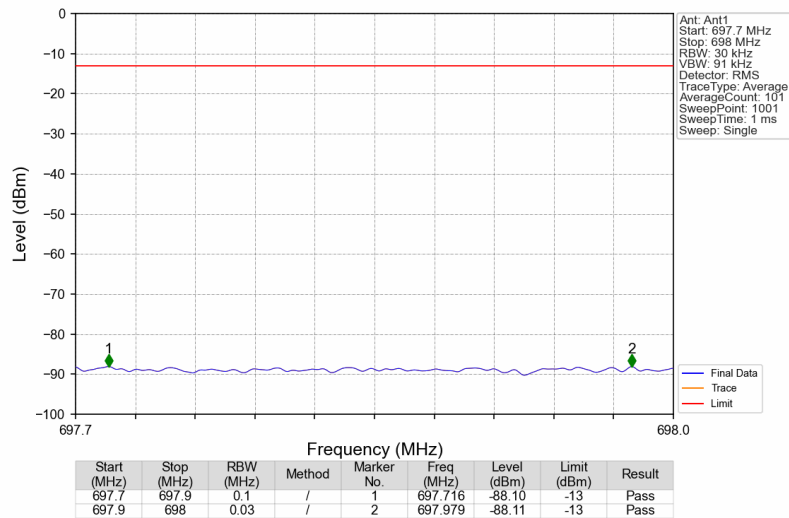
## 5.1.2 Test Graph



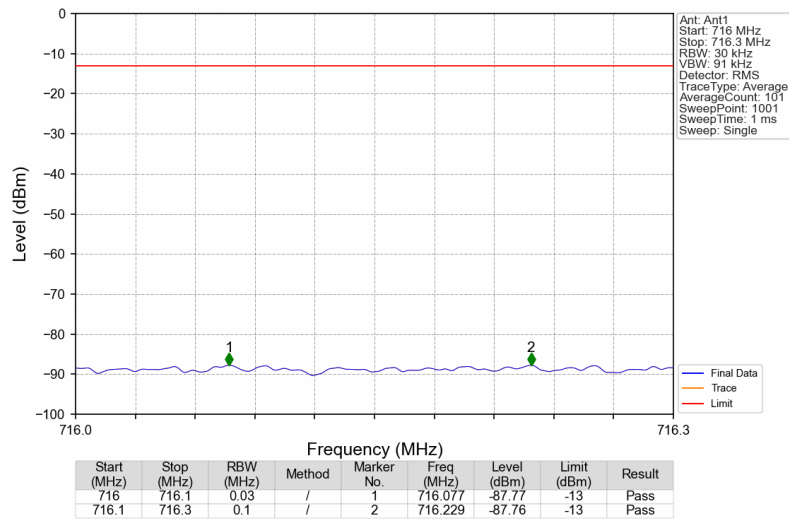
## Band12\_731.5MHz\_AWGN\_SISO\_Ant1\_NTNV\_AGC



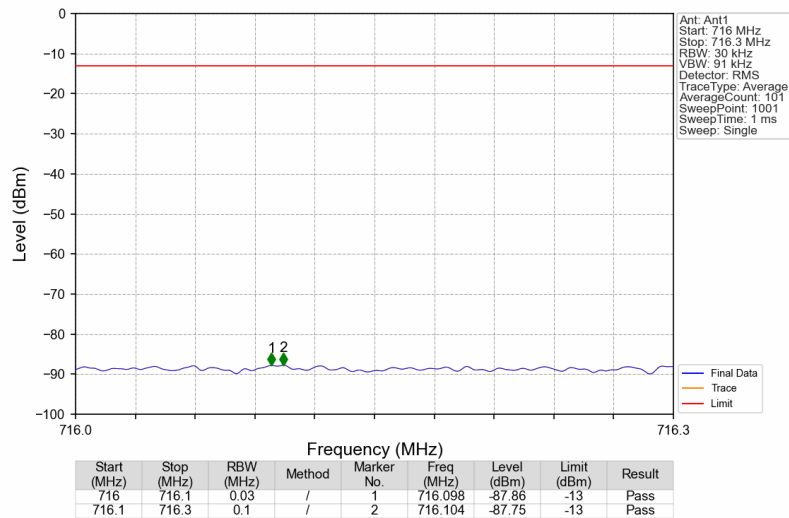
## Band12\_731.5MHz\_AWGN\_SISO\_Ant1\_NTNV\_AGC+3



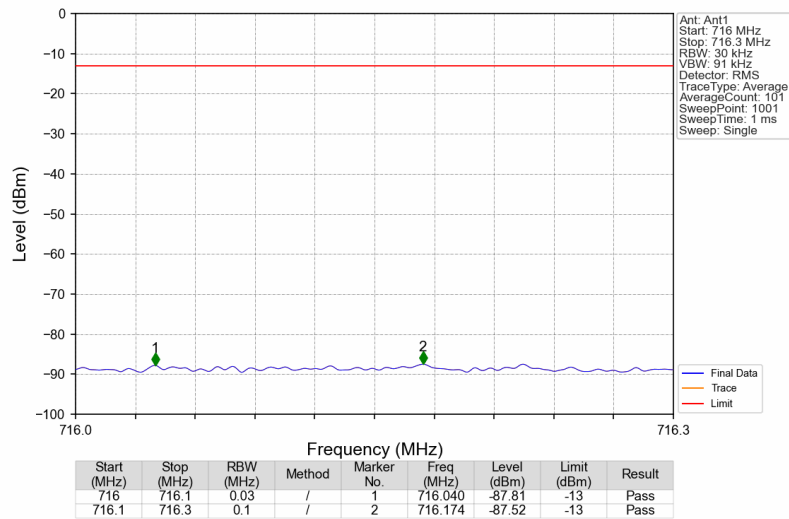
Band12\_743.5MHz\_AWGN\_SISO\_Ant1\_NTNV\_AGC



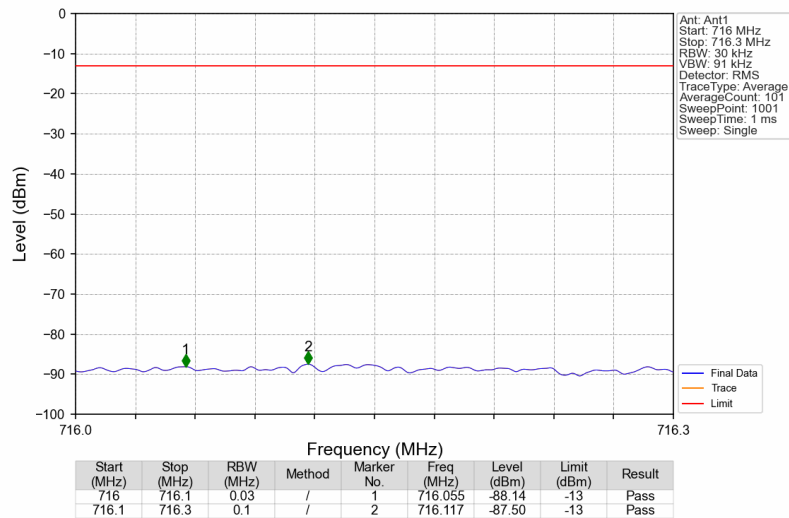
Band12\_743.5MHz\_AWGN\_SISO\_Ant1\_NTNV\_AGC+3



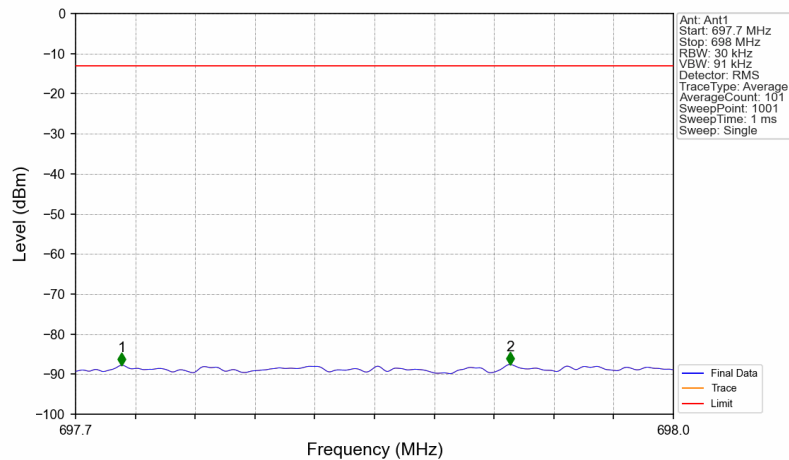
## Band12\_743.5MHz\_AWGN\_SISO\_Ant1\_NTNV\_AGC



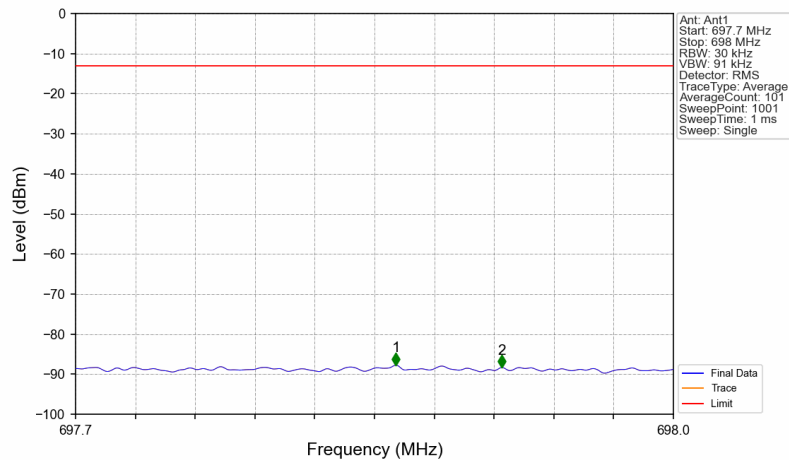
## Band12\_743.5MHz\_AWGN\_SISO\_Ant1\_NTNV\_AGC+3



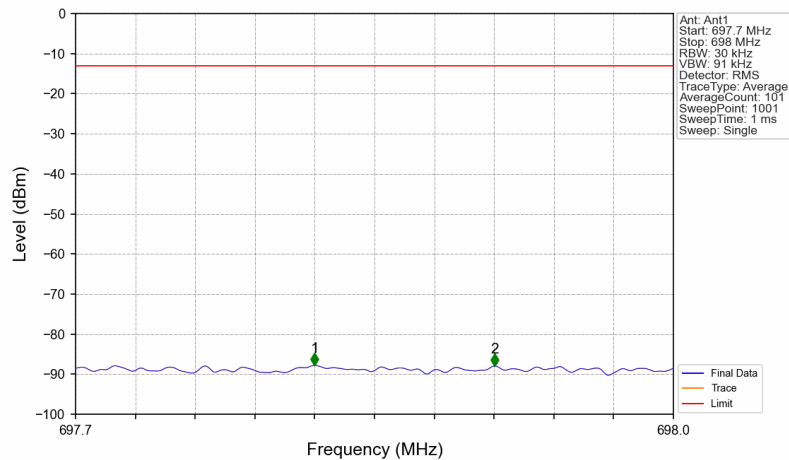
## Band12\_729.1MHz\_GMSK\_SISO\_Ant1\_NTNV\_AGC



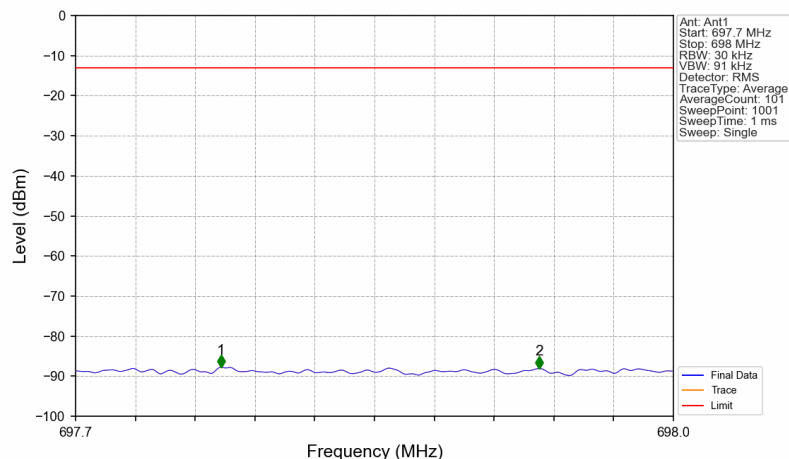
## Band12\_729.1MHz\_GMSK\_SISO\_Ant1\_NTNV\_AGC+3



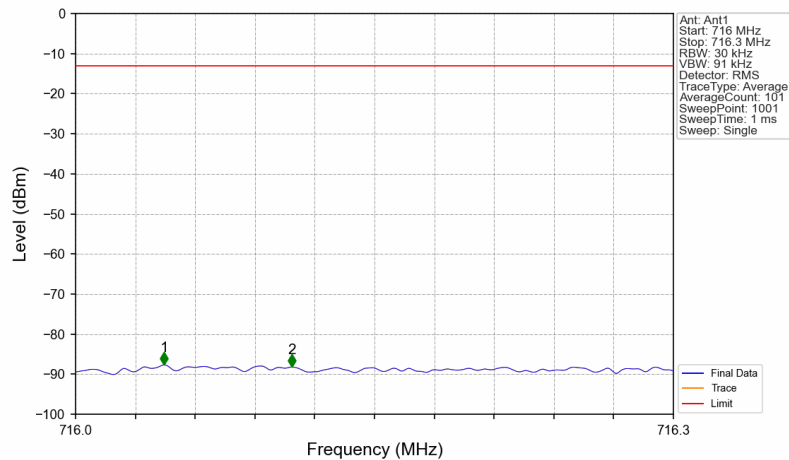
## Band12\_729.1MHz\_GMSK\_SISO\_Ant1\_NTNV\_AGC



## Band12\_729.1MHz\_GMSK\_SISO\_Ant1\_NTNV\_AGC+3

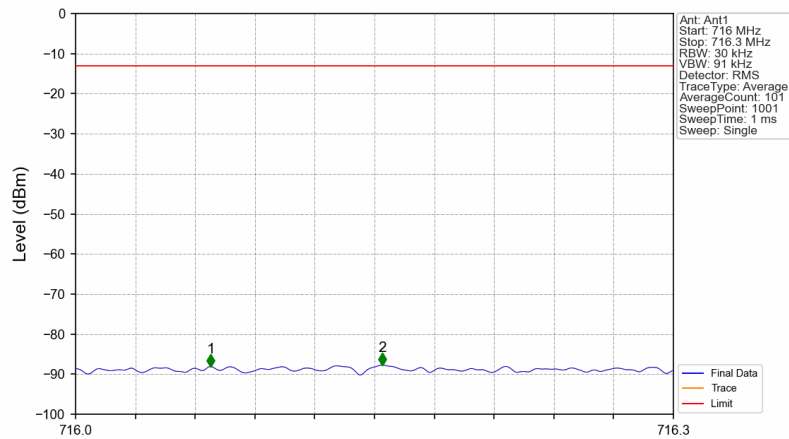


### Band12\_745.9MHz\_GMSK\_SISO\_Ant1\_NTNV\_AGC



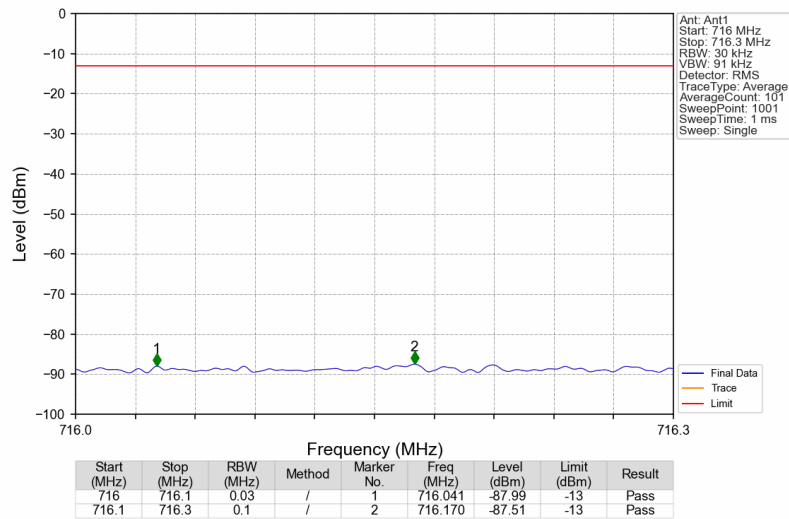
| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 716         | 716.1      | 0.03      | /      | 1          | 716.044    | -87.69      | -13         | Pass   |
| 716.1       | 716.3      | 0.1       | /      | 2          | 716.109    | -88.22      | -13         | Pass   |

### Band12\_745.9MHz\_GMSK\_SISO\_Ant1\_NTNV\_AGC+3

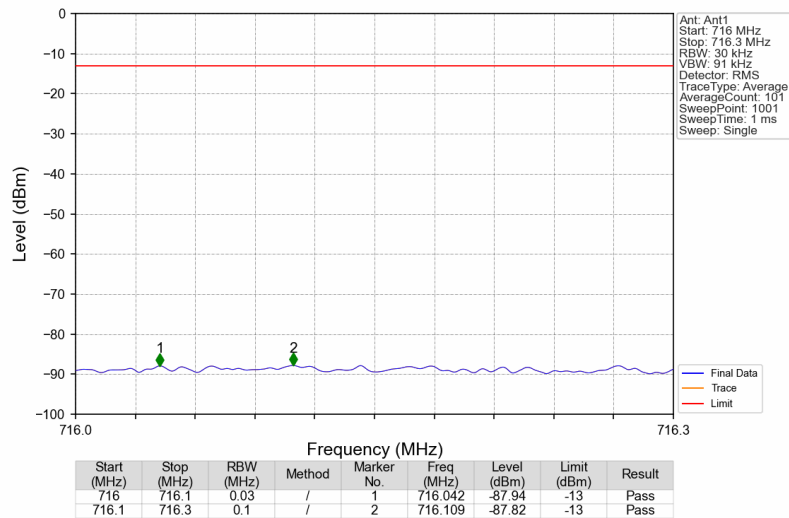


| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 716         | 716.1      | 0.03      | /      | 1          | 716.068    | -88.09      | -13         | Pass   |
| 716.1       | 716.3      | 0.1       | /      | 2          | 716.154    | -87.74      | -13         | Pass   |

## Band12\_745.9MHz\_GMSK\_SISO\_Ant1\_NTNV\_AGC



## Band12\_745.9MHz\_GMSK\_SISO\_Ant1\_NTNV\_AGC+3



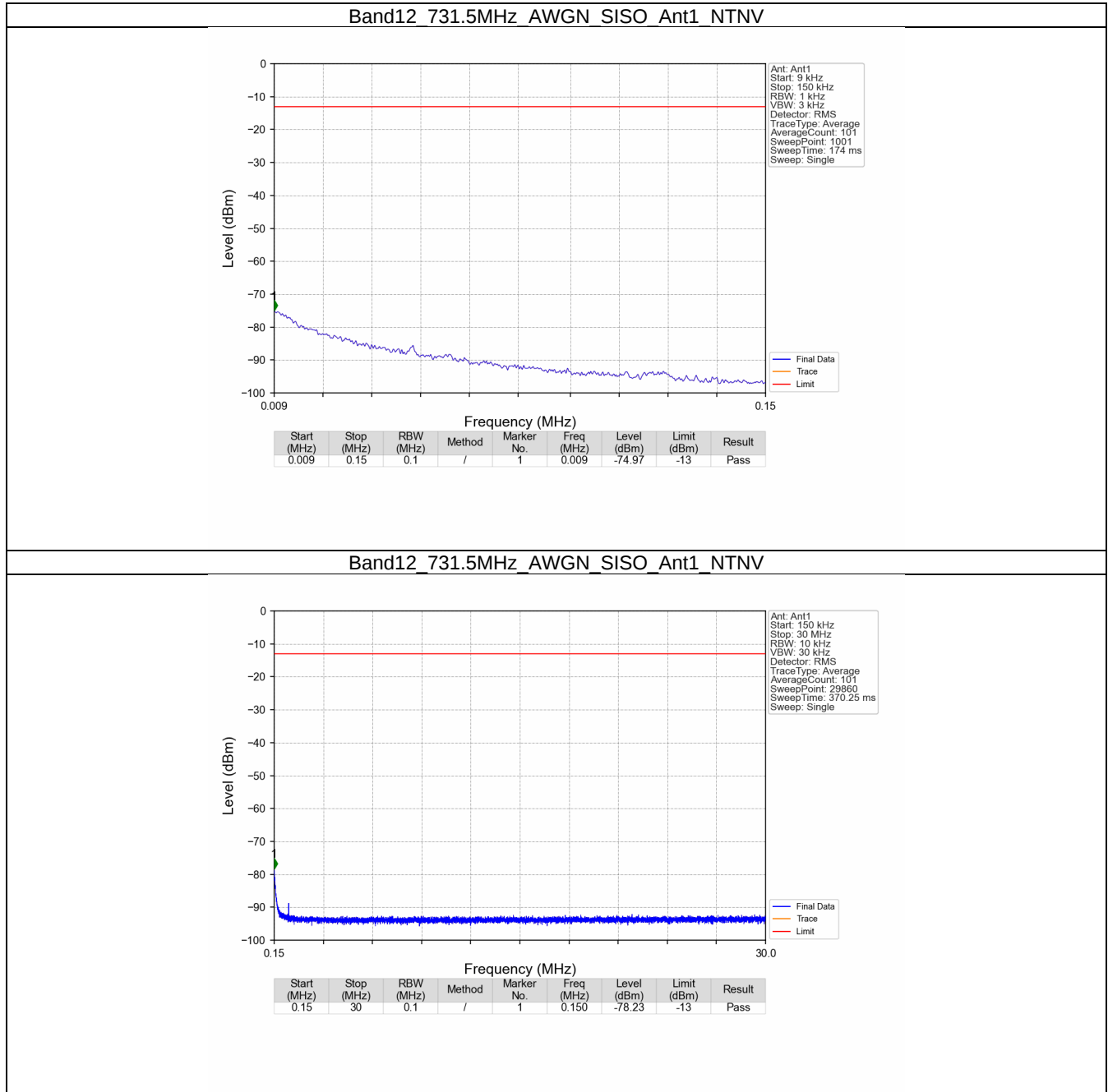
## 6. Spurious emissions

### 6.1 Band12

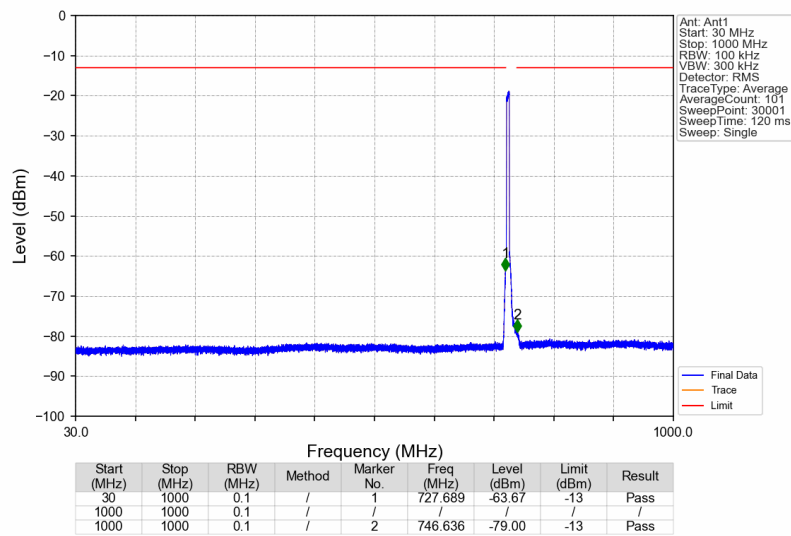
#### 6.1.1 Test Result

| Band: 12 / NTNV |             |                 |         |         |     |                     |       |         |
|-----------------|-------------|-----------------|---------|---------|-----|---------------------|-------|---------|
| Signal          |             |                 | Channel | TX Type | ANT | SE (dBm)            |       | Verdict |
| Type            | Level (dBm) | Frequency (MHz) |         |         |     | Result              | Limit |         |
| AWGN            | -5.5        | 731.5           | LCH     | SISO    | 1   | Refer To Test Graph |       | Pass    |
|                 |             | 737.5           | MCH     | SISO    | 1   | Refer To Test Graph |       | Pass    |
|                 |             | 743.5           | HCH     | SISO    | 1   | Refer To Test Graph |       | Pass    |
| GMSK            | -5.5        | 729.1           | LCH     | SISO    | 1   | Refer To Test Graph |       | Pass    |
|                 |             | 737.5           | MCH     | SISO    | 1   | Refer To Test Graph |       | Pass    |
|                 |             | 745.9           | HCH     | SISO    | 1   | Refer To Test Graph |       | Pass    |

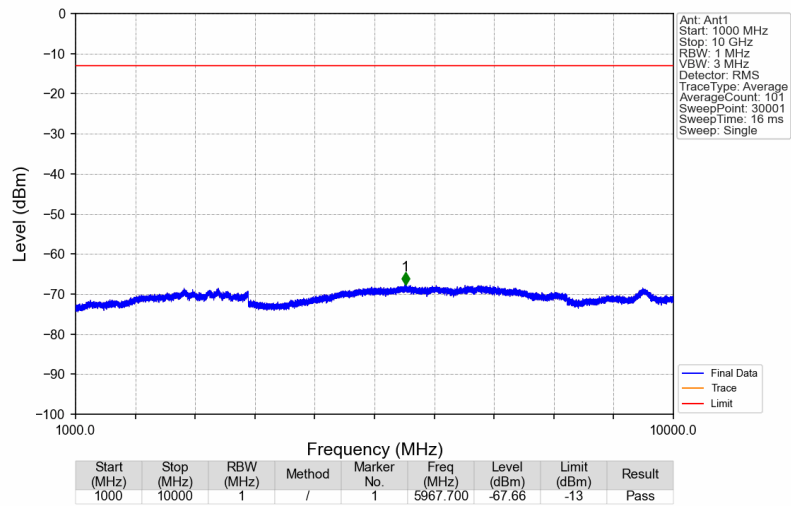
## 6.1.2 Test Graph



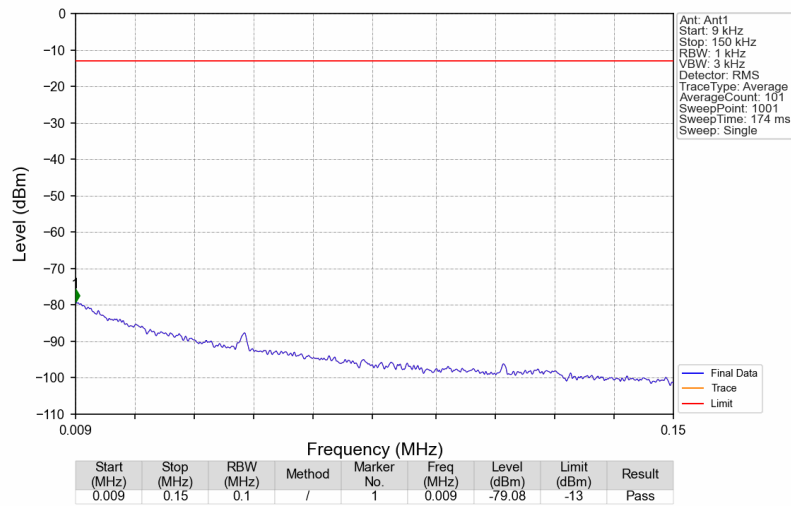
Band12\_731.5MHz\_AWGN\_SISO\_Ant1\_NTNV



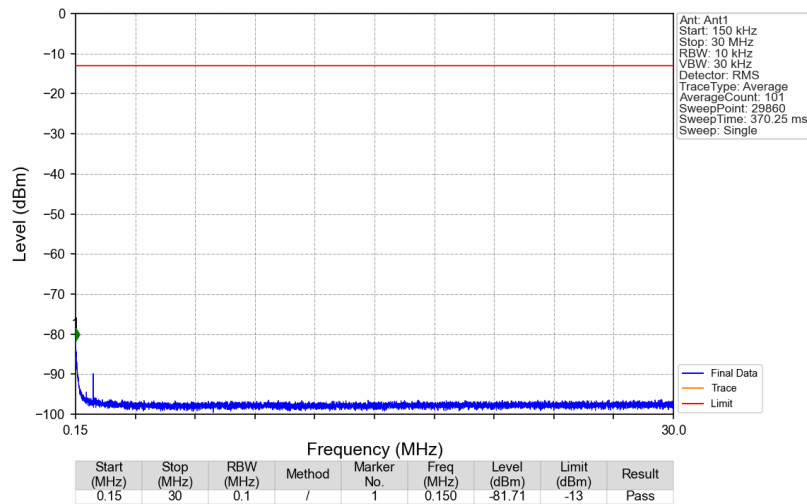
Band12\_731.5MHz\_AWGN\_SISO\_Ant1\_NTNV



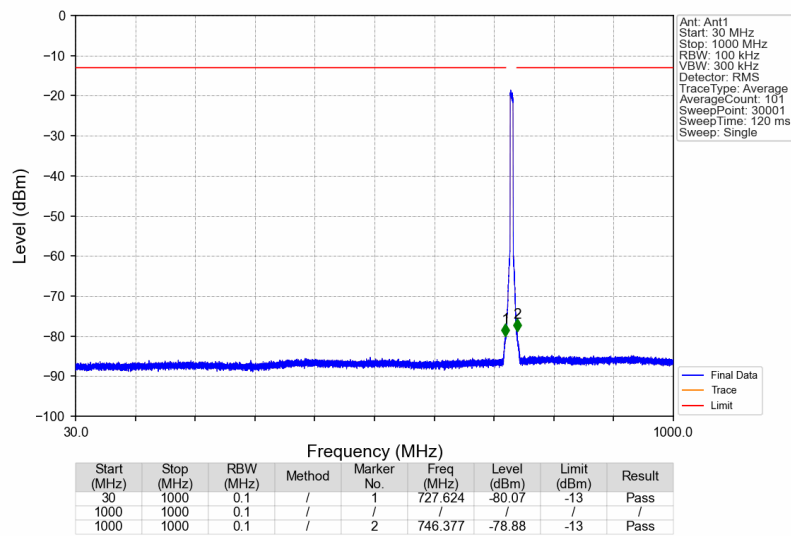
Band12\_737.5MHz\_AWGN\_SISO\_Ant1\_NTNV



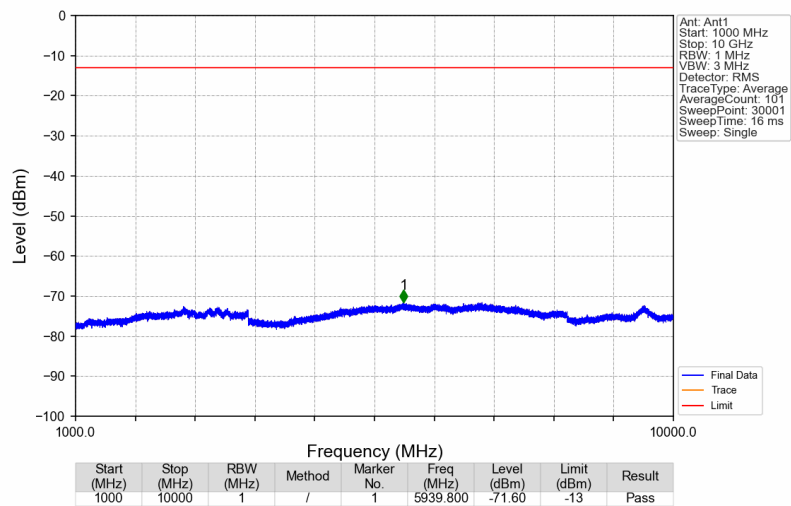
Band12\_737.5MHz\_AWGN\_SISO\_Ant1\_NTNV



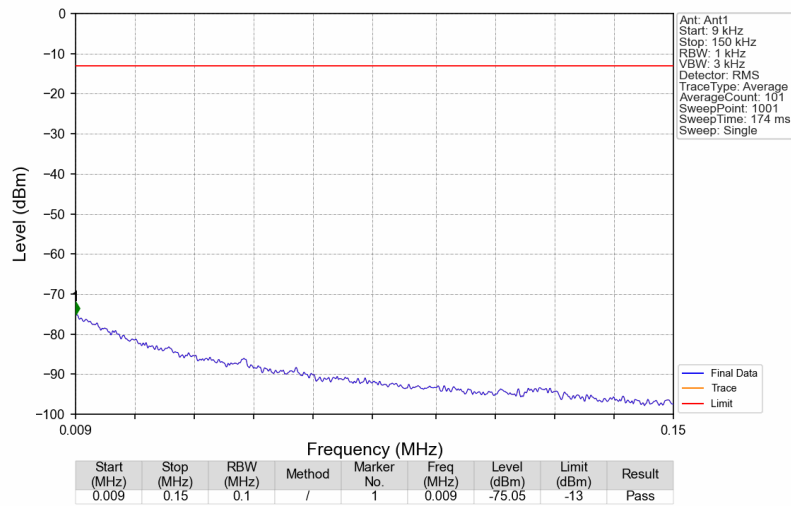
Band12\_737.5MHz\_AWGN\_SISO\_Ant1\_NTNV



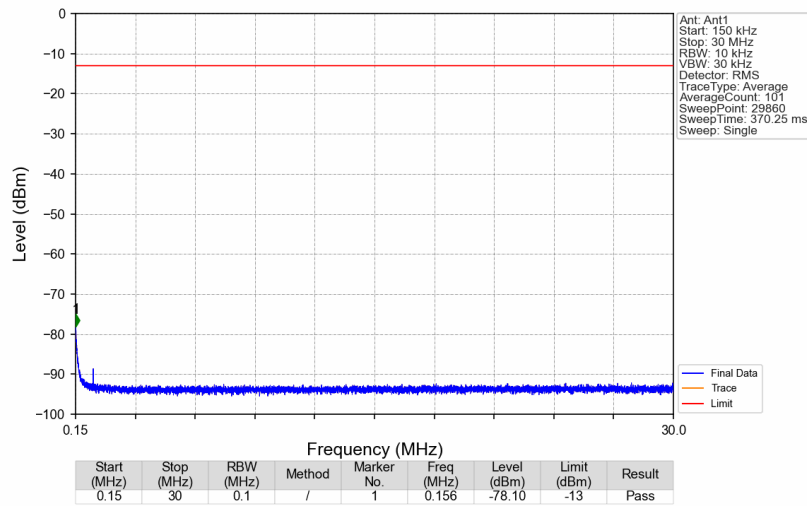
Band12\_737.5MHz\_AWGN\_SISO\_Ant1\_NTNV



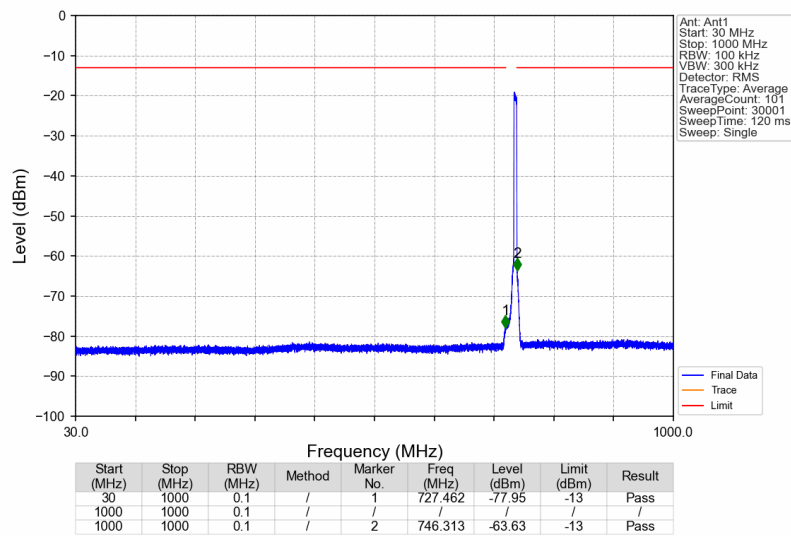
Band12\_743.5MHz\_AWGN\_SISO\_Ant1\_NTNV



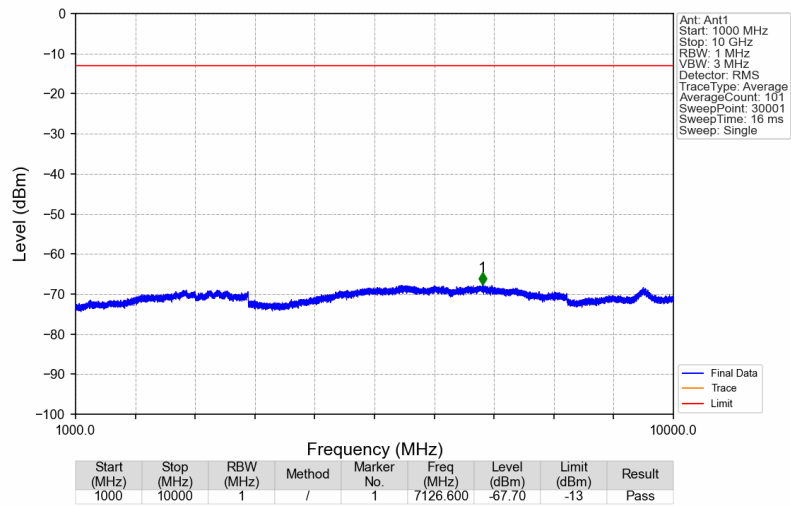
Band12\_743.5MHz\_AWGN\_SISO\_Ant1\_NTNV



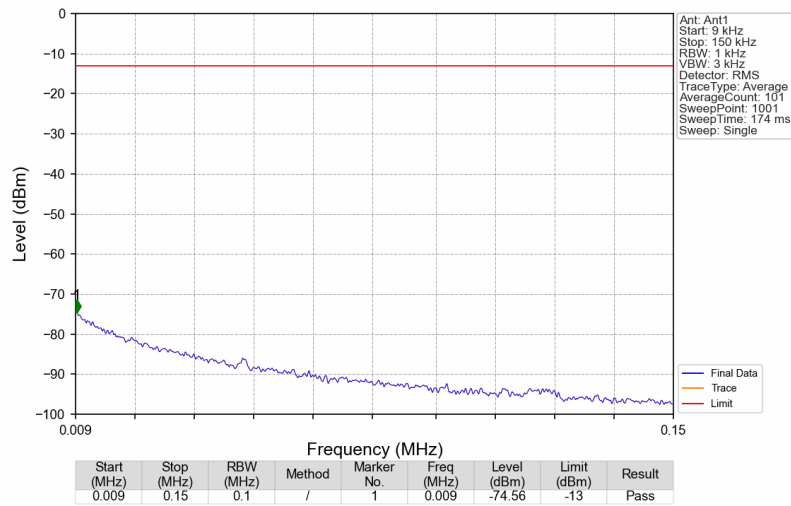
Band12\_743.5MHz\_AWGN\_SISO\_Ant1\_NTNV



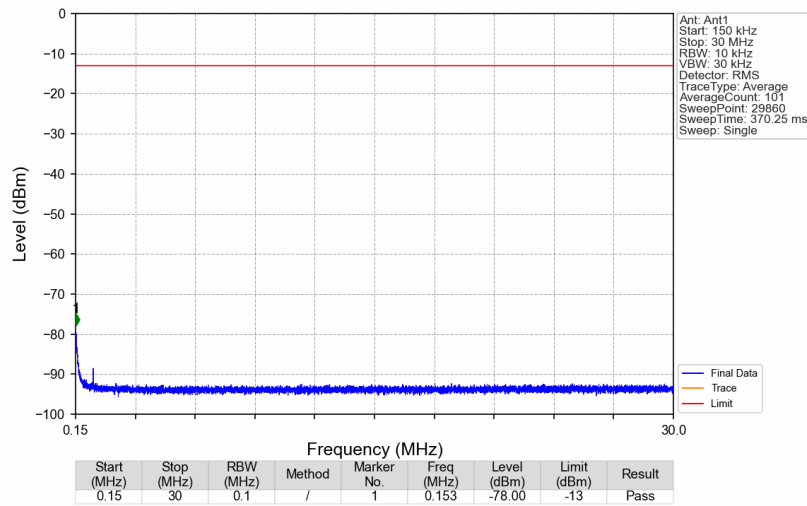
Band12\_743.5MHz\_AWGN\_SISO\_Ant1\_NTNV



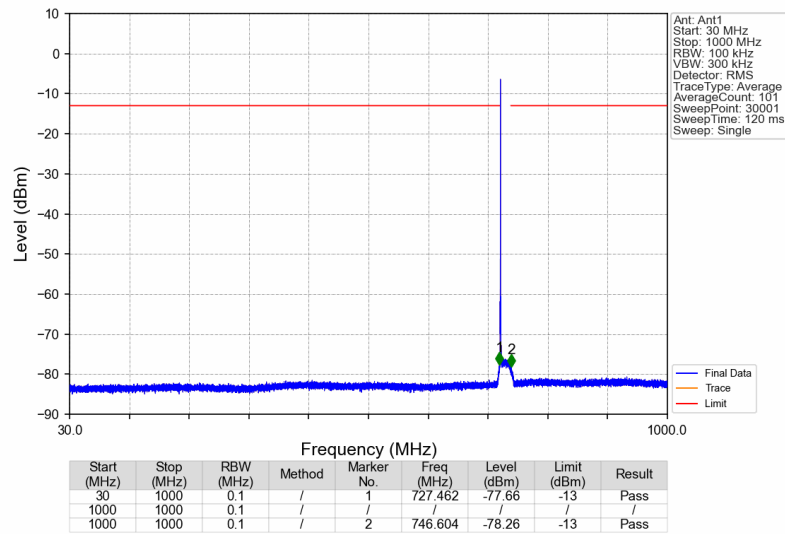
Band12\_729.1MHz\_GMSK\_SISO\_Ant1\_NTNV



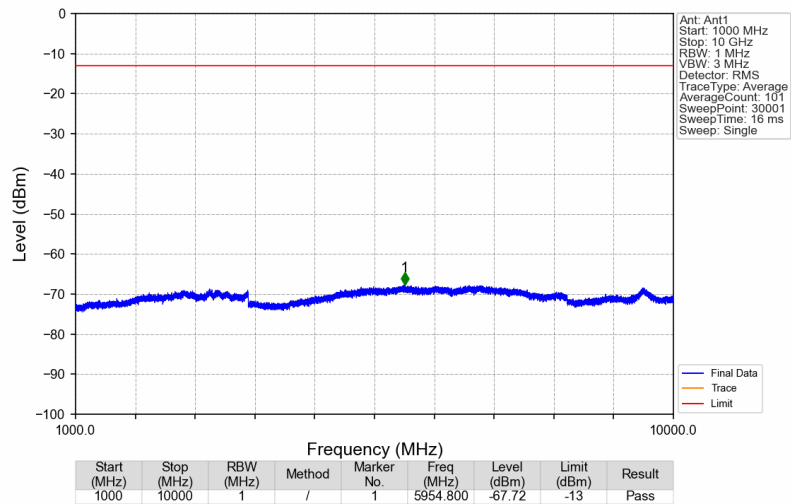
Band12\_729.1MHz\_GMSK\_SISO\_Ant1\_NTNV



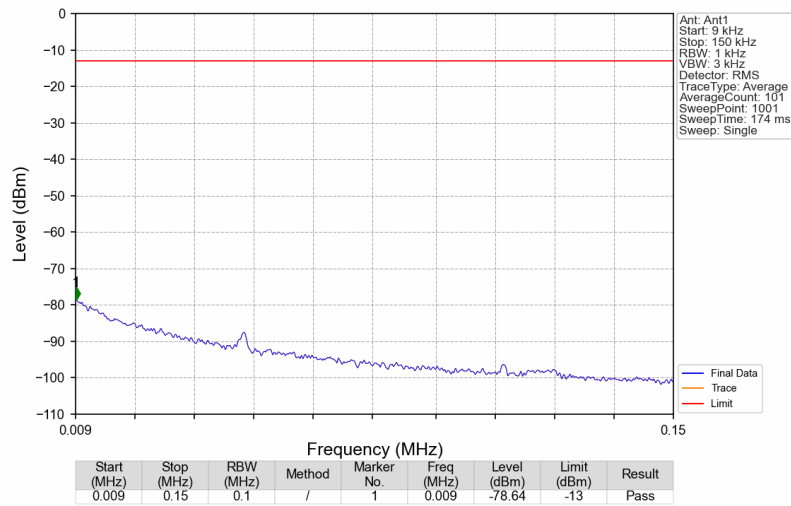
Band12\_729.1MHz\_GMSK\_SISO\_Ant1\_NTNV



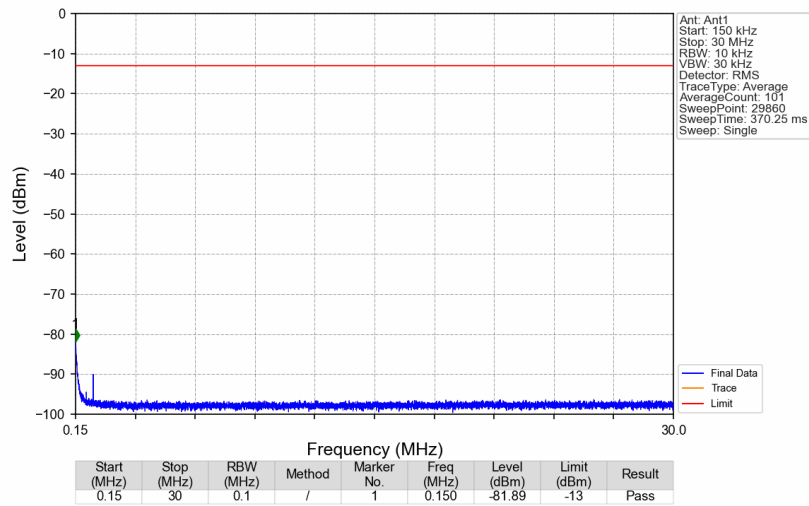
Band12\_729.1MHz\_GMSK\_SISO\_Ant1\_NTNV



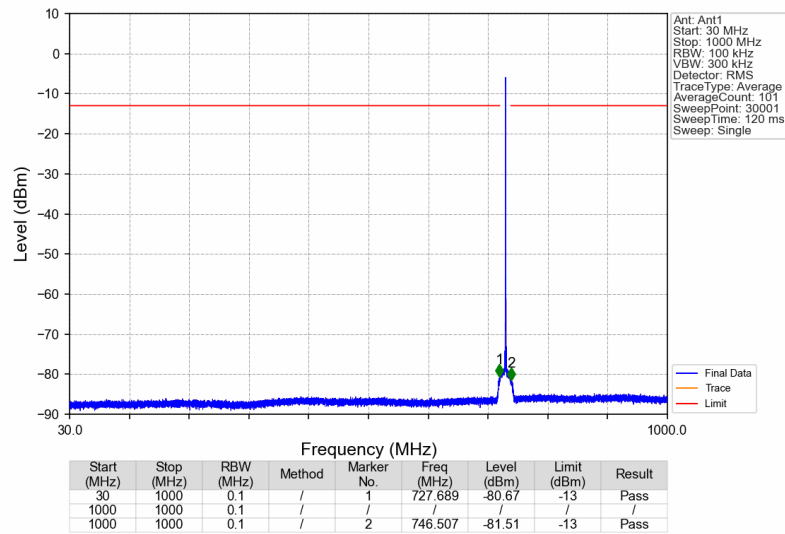
Band12\_737.5MHz\_GMSK\_SISO\_Ant1\_NTNV



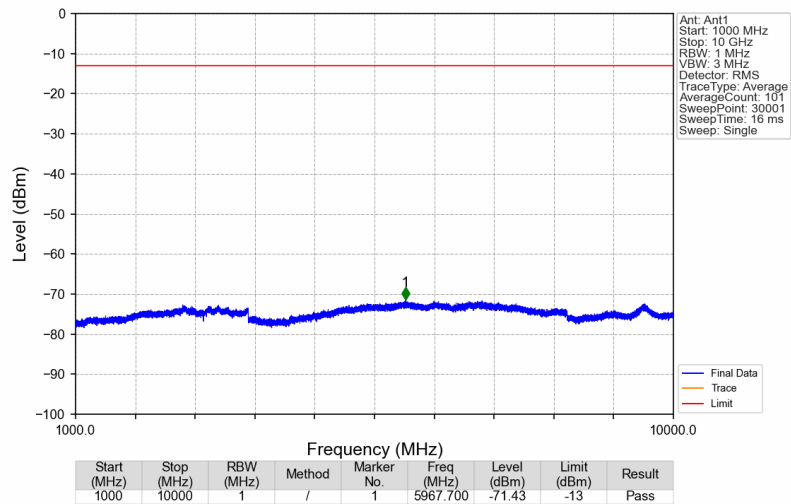
Band12\_737.5MHz\_GMSK\_SISO\_Ant1\_NTNV



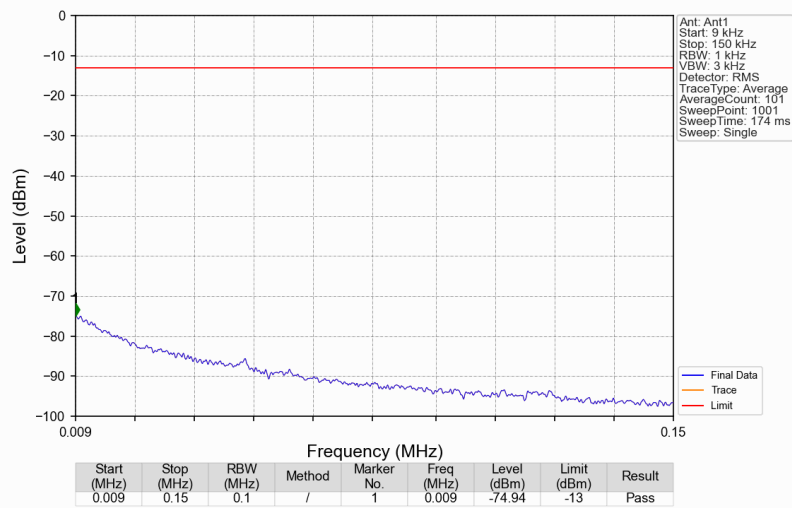
## Band12\_737.5MHz\_GMSK\_SISO\_Ant1\_NTNV



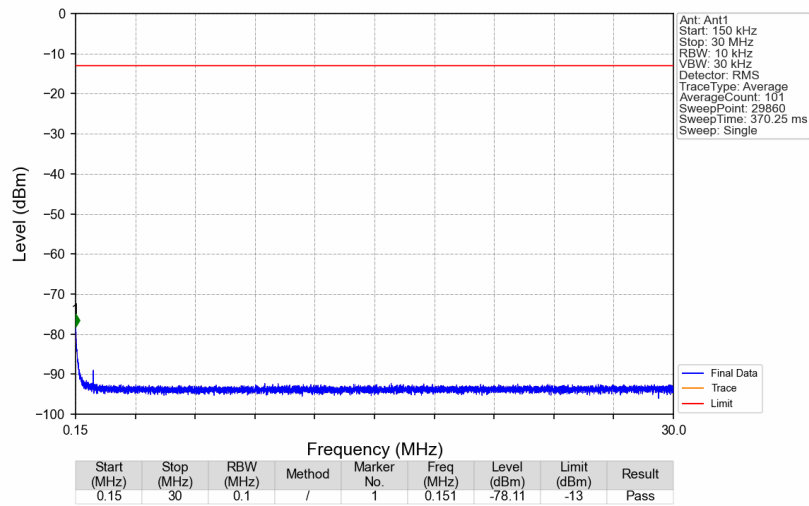
## Band12\_737.5MHz\_GMSK\_SISO\_Ant1\_NTNV



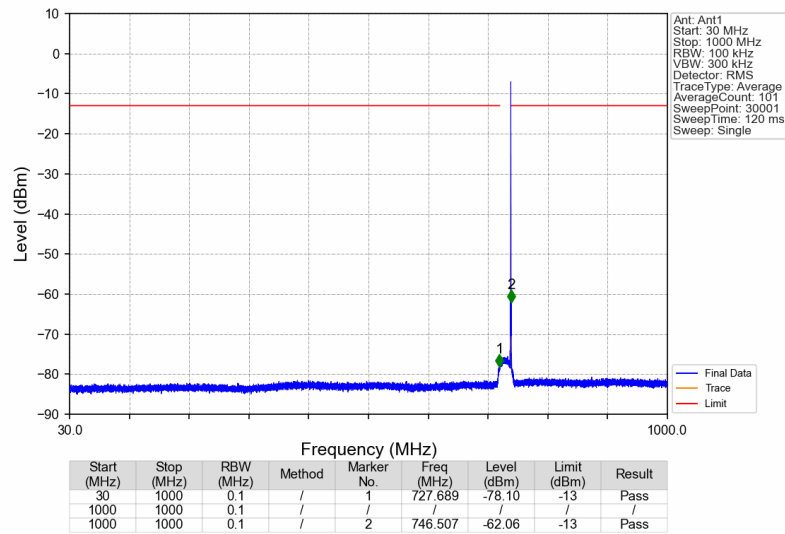
Band12\_745.9MHz\_GMSK\_SISO\_Ant1\_NTNV



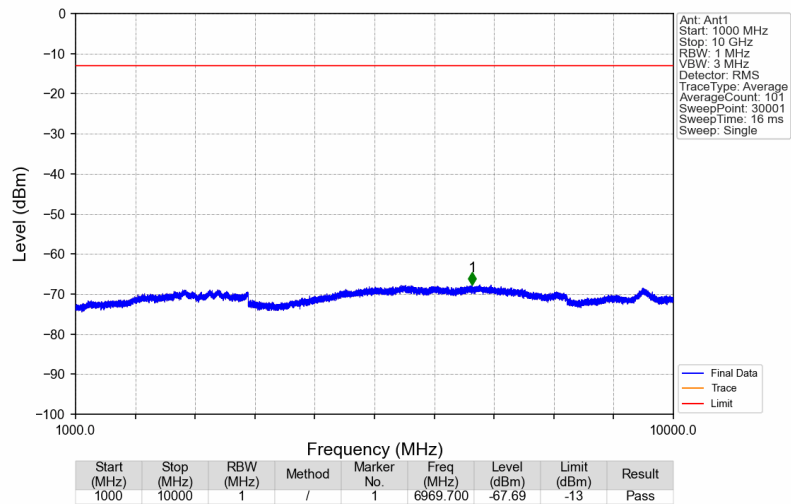
Band12\_745.9MHz\_GMSK\_SISO\_Ant1\_NTNV



Band12\_745.9MHz\_GMSK\_SISO\_Ant1\_NTNV



Band12\_745.9MHz\_GMSK\_SISO\_Ant1\_NTNV



## 7. Frequency stability measurements

## 7.1 Band12\_Ant1

## 7.1.1 Test Result

| Band: 12 / NTN |             |                 |              |                  |                     |                    |         |
|----------------|-------------|-----------------|--------------|------------------|---------------------|--------------------|---------|
| Signal         |             |                 | Temp<br>(°C) | Voltage<br>(VAC) | Freq. Error<br>(Hz) | Tolerance<br>(ppm) | Verdict |
| Type           | Level (dBm) | Frequency (MHz) |              |                  |                     |                    |         |
| CW             | -5.5        | 729.1           | 20           | 102              | -188                | -0.258             | Pass    |
|                |             |                 |              | 120              | -185                | -0.254             | Pass    |
|                |             |                 |              | 138              | -185                | -0.254             | Pass    |
|                |             |                 | -30          | 120              | -185                | -0.254             | Pass    |
|                |             |                 | -20          | 120              | -188                | -0.258             | Pass    |
|                |             |                 | -10          | 120              | -189                | -0.259             | Pass    |
|                |             |                 | 0            | 120              | -187                | -0.256             | Pass    |
|                |             |                 | 10           | 120              | -189                | -0.259             | Pass    |
|                |             |                 | 30           | 120              | -185                | -0.254             | Pass    |
|                |             |                 | 40           | 120              | -187                | -0.256             | Pass    |
|                |             |                 | 50           | 120              | -184                | -0.252             | Pass    |
|                |             | 737.5           | 20           | 102              | -181                | -0.248             | Pass    |
|                |             |                 |              | 120              | -177                | -0.240             | Pass    |
|                |             |                 |              | 138              | -179                | -0.243             | Pass    |
|                |             |                 | -30          | 120              | -172                | -0.233             | Pass    |
|                |             |                 | -20          | 120              | -175                | -0.237             | Pass    |
|                |             |                 | -10          | 120              | -178                | -0.241             | Pass    |
|                |             |                 | 0            | 120              | -182                | -0.247             | Pass    |
|                |             |                 | 10           | 120              | -185                | -0.251             | Pass    |
|                |             |                 | 30           | 120              | -187                | -0.254             | Pass    |
|                |             |                 | 40           | 120              | -179                | -0.243             | Pass    |
|                |             |                 | 50           | 120              | -178                | -0.241             | Pass    |
|                |             | 745.9           | 20           | 102              | -187                | -0.254             | Pass    |
|                |             |                 |              | 120              | -186                | -0.252             | Pass    |
|                |             |                 |              | 138              | -184                | -0.247             | Pass    |
|                |             |                 | -30          | 120              | -178                | -0.239             | Pass    |
|                |             |                 | -20          | 120              | -179                | -0.240             | Pass    |
|                |             |                 | -10          | 120              | -178                | -0.239             | Pass    |
|                |             |                 | 0            | 120              | -186                | -0.249             | Pass    |
|                |             |                 | 10           | 120              | -185                | -0.248             | Pass    |
|                |             |                 | 30           | 120              | -186                | -0.249             | Pass    |



|  |  |  |    |     |      |        |      |
|--|--|--|----|-----|------|--------|------|
|  |  |  | 40 | 120 | -186 | -0.249 | Pass |
|  |  |  | 50 | 120 | -182 | -0.244 | Pass |

## 8. Radiated Spurious Emissions

### 8.1 Band12\_Ant1

#### 8.1.1 Test Result

| AWGN_Low channel |                                          |        |       |            |        |
|------------------|------------------------------------------|--------|-------|------------|--------|
| Frequency        | Spurious Emission Polarization and Level |        | Limit | Over limit | Result |
| MHz              | polarization                             | dBm    | dBm   | dB         |        |
| 81.064           | Horizontal                               | -66.71 | -13   | -53.71     | pass   |
| 171.408          | Horizontal                               | -60.37 | -13   | -47.37     | pass   |
| 382.602          | Horizontal                               | -58.25 | -13   | -45.25     | pass   |
| 1663.73          | Horizontal                               | -51.21 | -13   | -38.21     | pass   |
| 2829.42          | Horizontal                               | -49.79 | -13   | -36.79     | pass   |
| 7151.31          | Horizontal                               | -39.48 | -13   | -26.48     | pass   |
| 151.985          | Vertical                                 | -63.83 | -13   | -50.83     | pass   |
| 255.469          | Vertical                                 | -61.39 | -13   | -48.39     | pass   |
| 524.826          | Vertical                                 | -59.17 | -13   | -46.17     | pass   |
| 1643.17          | Vertical                                 | -48.12 | -13   | -35.12     | pass   |
| 2802.55          | Vertical                                 | -50.03 | -13   | -37.03     | pass   |
| 7142.86          | Vertical                                 | -37.16 | -13   | -24.16     | pass   |

| AWGN_Middle channel |                                          |        |       |            |        |
|---------------------|------------------------------------------|--------|-------|------------|--------|
| Frequency           | Spurious Emission Polarization and Level |        | Limit | Over limit | Result |
| MHz                 | polarization                             | dBm    | dBm   | dB         |        |
| 85.304              | Horizontal                               | -63.85 | -13   | -50.85     | pass   |
| 216.468             | Horizontal                               | -60.84 | -13   | -47.84     | pass   |
| 368.512             | Horizontal                               | -63.94 | -13   | -50.94     | pass   |
| 1670.73             | Horizontal                               | -50.02 | -13   | -37.02     | pass   |
| 2837.03             | Horizontal                               | -48.52 | -13   | -35.52     | pass   |
| 7165.18             | Horizontal                               | -38.58 | -13   | -25.58     | pass   |
| 173.875             | Vertical                                 | -68.44 | -13   | -55.44     | pass   |
| 265.579             | Vertical                                 | -61.62 | -13   | -48.62     | pass   |
| 498.336             | Vertical                                 | -62.15 | -13   | -49.15     | pass   |
| 1651.50             | Vertical                                 | -51.83 | -13   | -38.83     | pass   |
| 2794.42             | Vertical                                 | -53.57 | -13   | -40.57     | pass   |
| 7116.82             | Vertical                                 | -37.11 | -13   | -24.11     | pass   |

| AWGN_High channel |                                             |        |       |            |        |
|-------------------|---------------------------------------------|--------|-------|------------|--------|
| Frequency         | Spurious Emission<br>Polarization and Level |        | Limit | Over limit | Result |
| MHz               | polarization                                | dBm    | dBm   | dB         |        |
| 80.374            | Horizontal                                  | -69.12 | -13   | -56.12     | pass   |
| 192.118           | Horizontal                                  | -59.63 | -13   | -46.63     | pass   |
| 696.972           | Horizontal                                  | -58.75 | -13   | -45.75     | pass   |
| 1678.50           | Horizontal                                  | -52.62 | -13   | -39.62     | pass   |
| 2751.58           | Horizontal                                  | -47.63 | -13   | -34.63     | pass   |
| 7242.32           | Horizontal                                  | -37.39 | -13   | -24.39     | pass   |
| 151.429           | Vertical                                    | -65.66 | -13   | -52.66     | pass   |
| 528.936           | Vertical                                    | -59.72 | -13   | -46.72     | pass   |
| 685.762           | Vertical                                    | -58.71 | -13   | -45.71     | pass   |
| 1676.53           | Vertical                                    | -51.47 | -13   | -38.47     | pass   |
| 2775.24           | Vertical                                    | -52.82 | -13   | -39.82     | pass   |
| 7263.61           | Vertical                                    | -39.82 | -13   | -26.82     | pass   |

| GMSK_Low channel |                                             |        |       |            |        |
|------------------|---------------------------------------------|--------|-------|------------|--------|
| Frequency        | Spurious Emission<br>Polarization and Level |        | Limit | Over limit | Result |
| MHz              | polarization                                | dBm    | dBm   | dB         |        |
| 105.022          | Horizontal                                  | -63.51 | -13   | -50.51     | pass   |
| 593.499          | Horizontal                                  | -58.92 | -13   | -45.92     | pass   |
| 801.905          | Horizontal                                  | -57.05 | -13   | -44.05     | pass   |
| 1753.02          | Horizontal                                  | -51.55 | -13   | -38.55     | pass   |
| 2821.23          | Horizontal                                  | -48.59 | -13   | -35.59     | pass   |
| 7099.83          | Horizontal                                  | -38.65 | -13   | -25.65     | pass   |
| 168.409          | Vertical                                    | -63.07 | -13   | -50.07     | pass   |
| 518.116          | Vertical                                    | -64.65 | -13   | -51.65     | pass   |
| 711.932          | Vertical                                    | -63.35 | -13   | -50.35     | pass   |
| 1782.79          | Vertical                                    | -52.85 | -13   | -39.85     | pass   |
| 2853.43          | Vertical                                    | -52.91 | -13   | -39.91     | pass   |
| 7106.72          | Vertical                                    | -41.95 | -13   | -28.95     | pass   |

| GMSK_Middle channel |                                             |        |       |            |        |
|---------------------|---------------------------------------------|--------|-------|------------|--------|
| Frequency           | Spurious Emission<br>Polarization and Level |        | Limit | Over limit | Result |
| MHz                 | polarization                                | dBm    | dBm   | dB         |        |
| 90.624              | Horizontal                                  | -64.92 | -13   | -51.92     | pass   |
| 207.938             | Horizontal                                  | -58.41 | -13   | -45.41     | pass   |
| 708.422             | Horizontal                                  | -61.62 | -13   | -48.62     | pass   |
| 1764.15             | Horizontal                                  | -47.59 | -13   | -34.59     | pass   |
| 2753.15             | Horizontal                                  | -51.52 | -13   | -38.52     | pass   |
| 7327.11             | Horizontal                                  | -40.14 | -13   | -27.14     | pass   |
| 118.220             | Vertical                                    | -68.35 | -13   | -55.35     | pass   |
| 167.025             | Vertical                                    | -62.70 | -13   | -49.70     | pass   |
| 526.049             | Vertical                                    | -60.26 | -13   | -47.26     | pass   |
| 1780.92             | Vertical                                    | -54.61 | -13   | -41.61     | pass   |
| 2785.55             | Vertical                                    | -49.27 | -13   | -36.27     | pass   |
| 7295.68             | Vertical                                    | -38.53 | -13   | -25.53     | pass   |

| GMSK_High channel |                                             |        |       |            |        |
|-------------------|---------------------------------------------|--------|-------|------------|--------|
| Frequency         | Spurious Emission<br>Polarization and Level |        | Limit | Over limit | Result |
| MHz               | polarization                                | dBm    | dBm   | dB         |        |
| 104.650           | Horizontal                                  | -63.85 | -13   | -50.85     | pass   |
| 132.135           | Horizontal                                  | -62.79 | -13   | -49.79     | pass   |
| 560.669           | Horizontal                                  | -58.91 | -13   | -45.91     | pass   |
| 1777.39           | Horizontal                                  | -48.44 | -13   | -35.44     | pass   |
| 2747.28           | Horizontal                                  | -50.10 | -13   | -37.10     | pass   |
| 7303.36           | Horizontal                                  | -36.76 | -13   | -23.76     | pass   |
| 100.634           | Vertical                                    | -68.50 | -13   | -55.50     | pass   |
| 183.638           | Vertical                                    | -57.28 | -13   | -44.28     | pass   |
| 662.332           | Vertical                                    | -57.79 | -13   | -44.79     | pass   |
| 1768.78           | Vertical                                    | -49.40 | -13   | -36.40     | pass   |
| 2767.87           | Vertical                                    | -54.51 | -13   | -41.51     | pass   |
| 7292.92           | Vertical                                    | -37.09 | -13   | -24.09     | pass   |