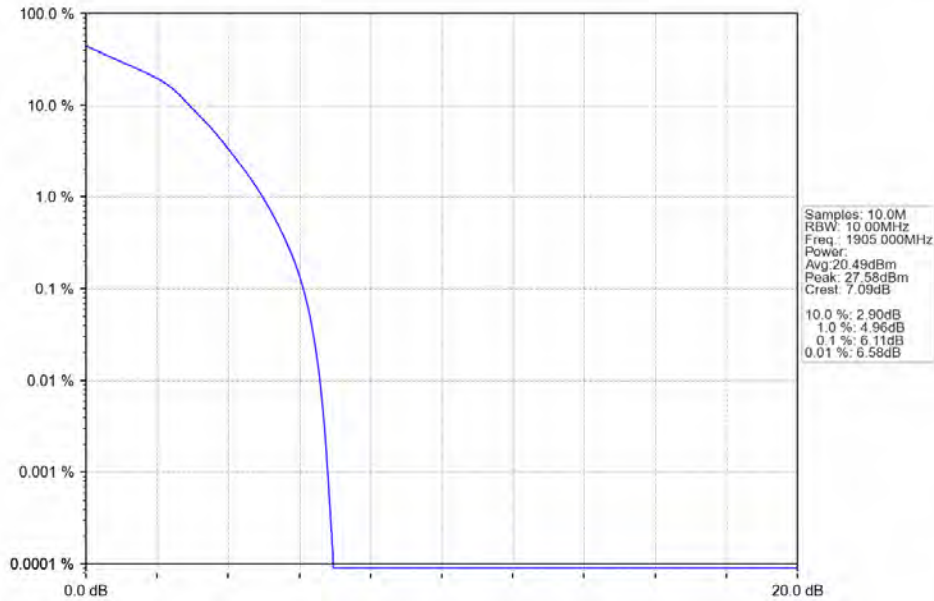


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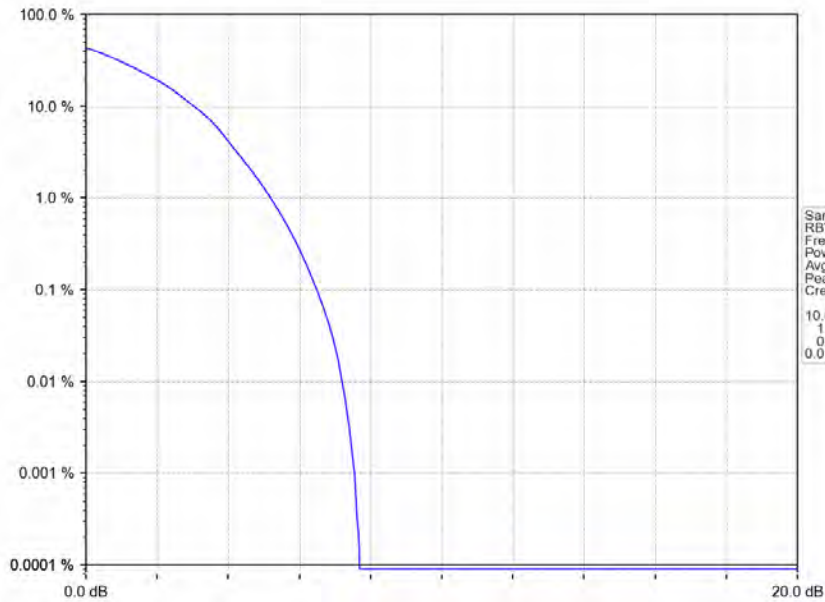
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Band2\_10MHz\_64QAM\_LCH\_1855MHz\_RB\_50\_0\_NTNV



Band2\_10MHz\_64QAM\_MCH\_1880MHz\_RB\_50\_0\_NTNV



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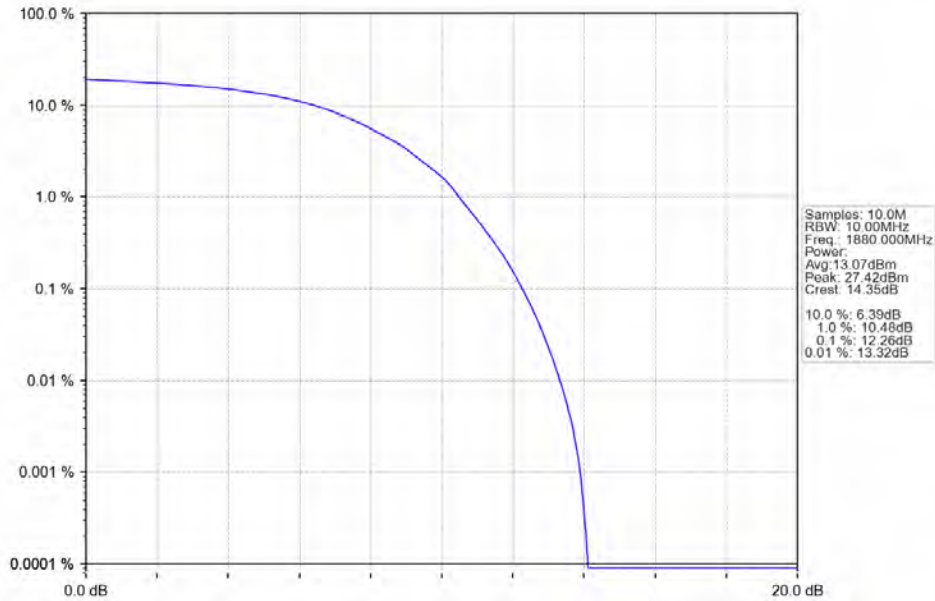
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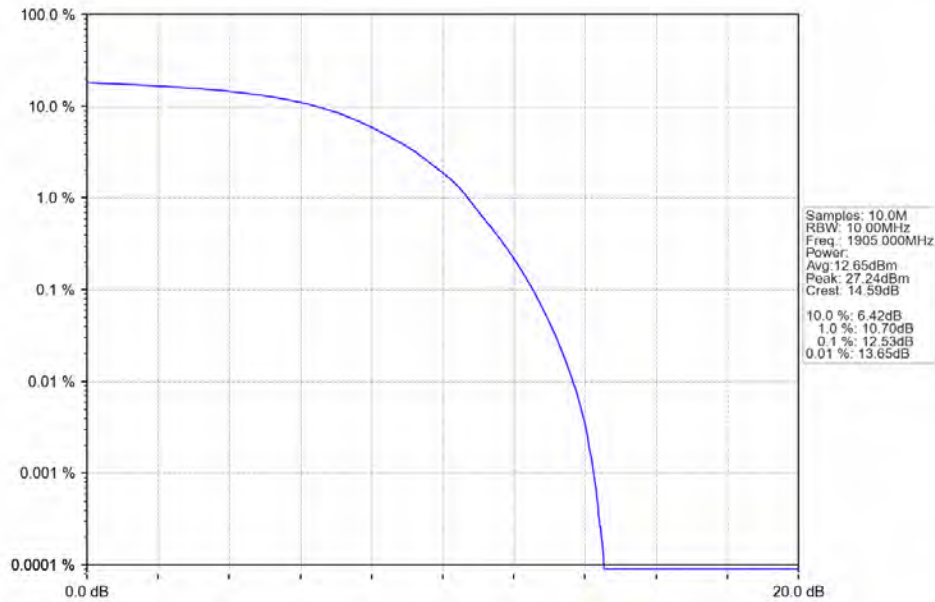
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Band2\_10MHz\_64QAM\_HCH\_1905MHz\_RB\_50\_0\_NTNV



Band2\_10MHz\_256QAM\_LCH\_1855MHz\_RB\_50\_0\_NTNV



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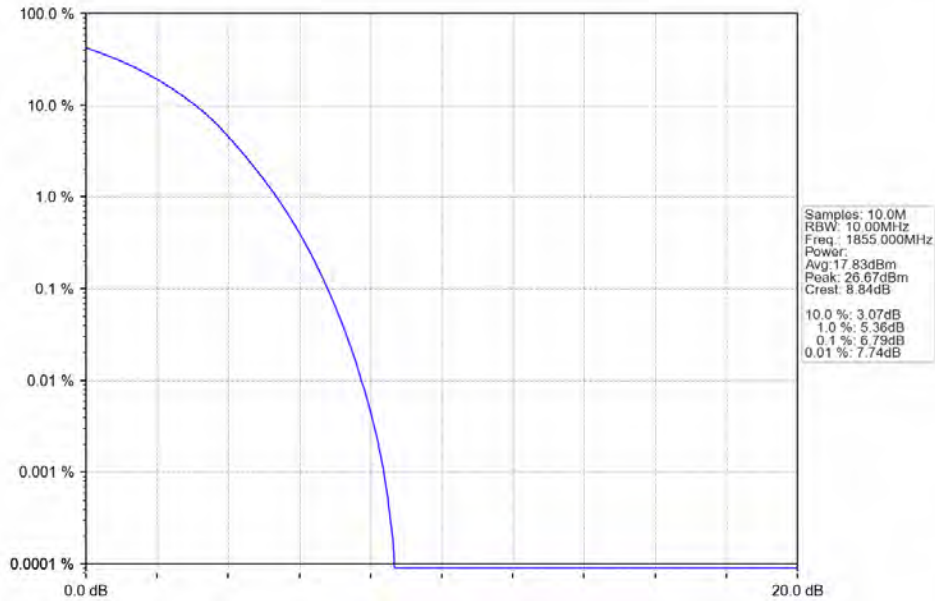
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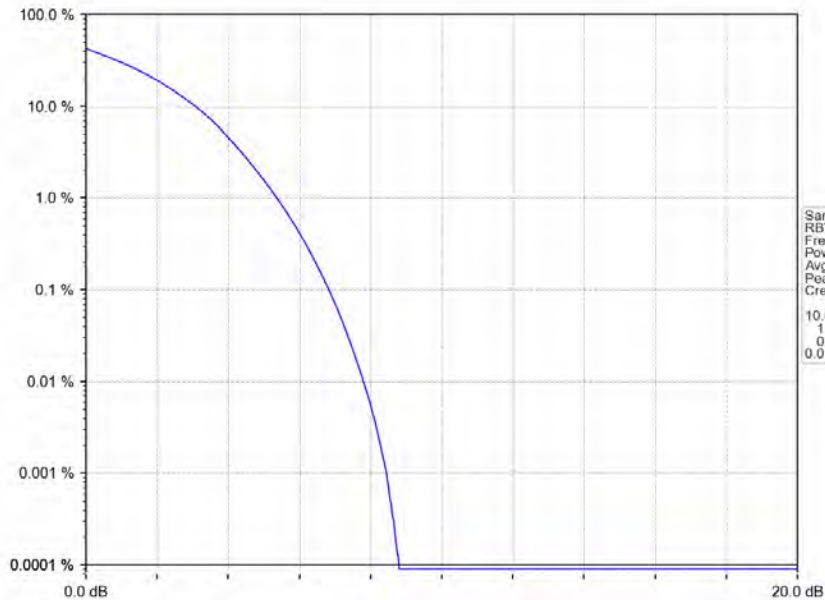


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Band2\_10MHz\_256QAM\_MCH\_1880MHz\_RB\_50\_0\_NTNV



Band2\_10MHz\_256QAM\_HCH\_1905MHz\_RB\_50\_0\_NTNV



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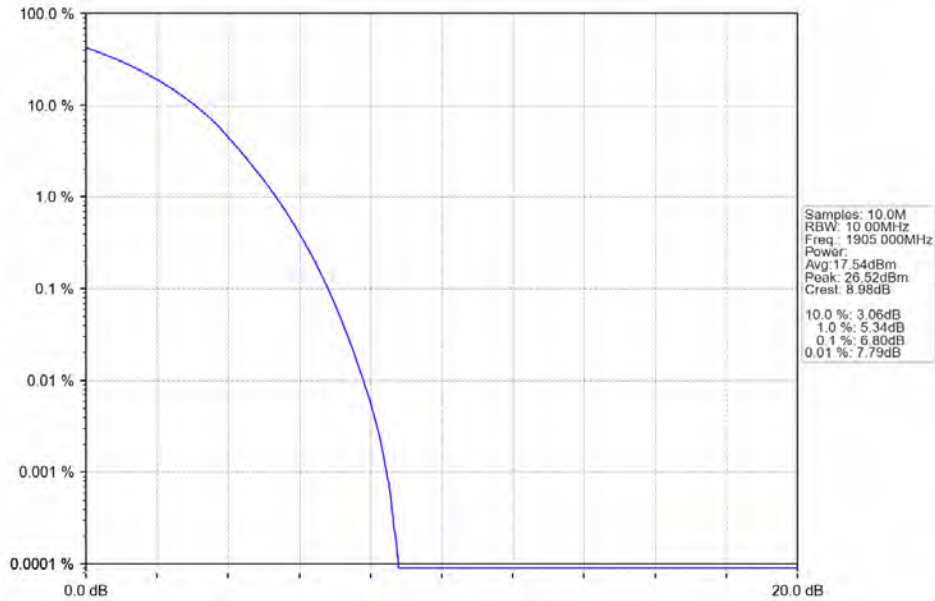
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## 5.5 B2\_15MHz

### 5.5.1 Test Result

| Band: 2 / Bandwidth: 15MHz / NTNV |                 |               |        |                         |       |         |
|-----------------------------------|-----------------|---------------|--------|-------------------------|-------|---------|
| Modulation                        | Frequency (MHz) | RB Allocation |        | Peak-Average Ratio (dB) |       | Verdict |
|                                   |                 | Size          | Offset | Result                  | Limit |         |
| QPSK                              | 1857.5          | 75            | 0      | 5.17                    | <=13  | Pass    |
|                                   | 1880            | 75            | 0      | 5.16                    | <=13  | Pass    |
|                                   | 1902.5          | 75            | 0      | 5.30                    | <=13  | Pass    |
| 16QAM                             | 1857.5          | 75            | 0      | 5.99                    | <=13  | Pass    |
|                                   | 1880            | 75            | 0      | 5.99                    | <=13  | Pass    |
|                                   | 1902.5          | 75            | 0      | 6.11                    | <=13  | Pass    |
| 64QAM                             | 1857.5          | 75            | 0      | 6.43                    | <=13  | Pass    |
|                                   | 1880            | 75            | 0      | 6.45                    | <=13  | Pass    |
|                                   | 1902.5          | 75            | 0      | 12.00                   | <=13  | Pass    |
| 256QAM                            | 1857.5          | 75            | 0      | 6.78                    | <=13  | Pass    |
|                                   | 1880            | 75            | 0      | 6.83                    | <=13  | Pass    |
|                                   | 1902.5          | 75            | 0      | 6.82                    | <=13  | Pass    |



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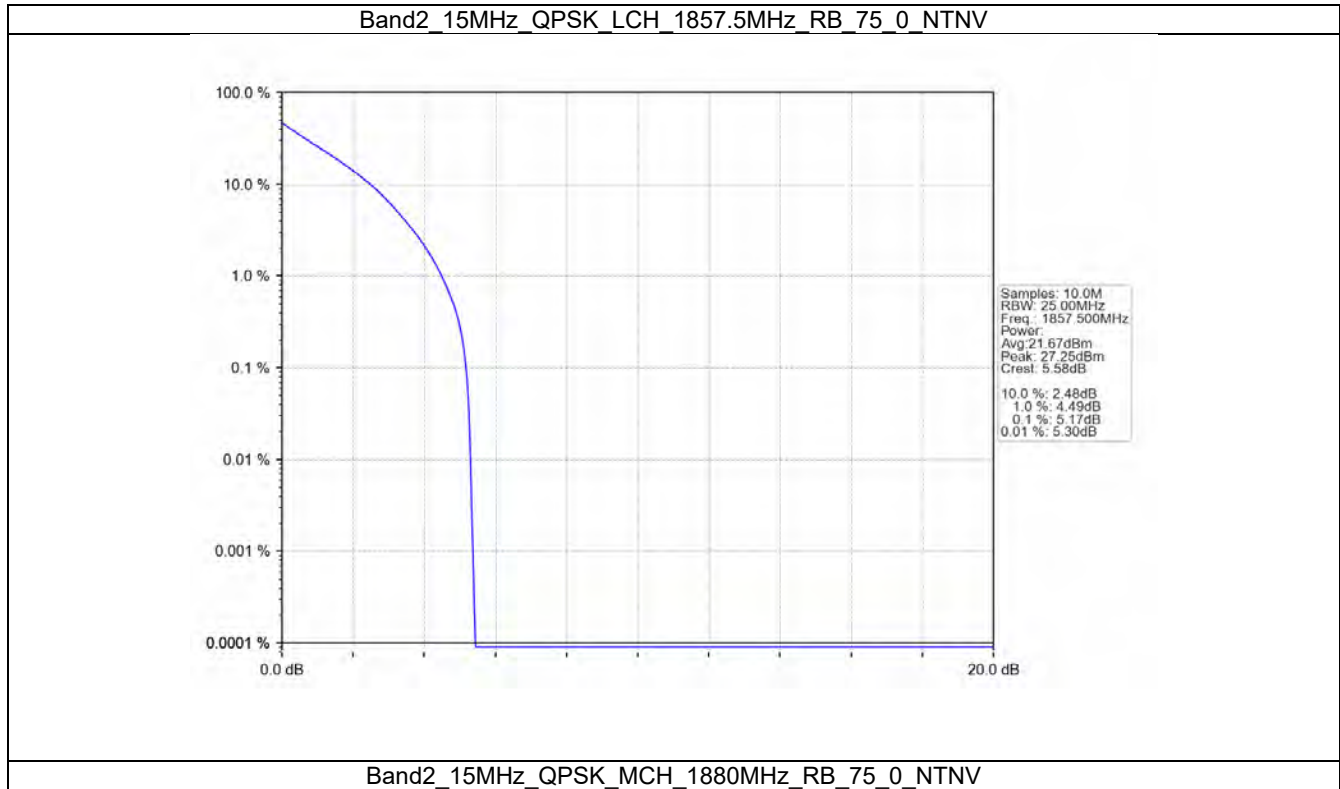


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### 5.5.2 Test Graph



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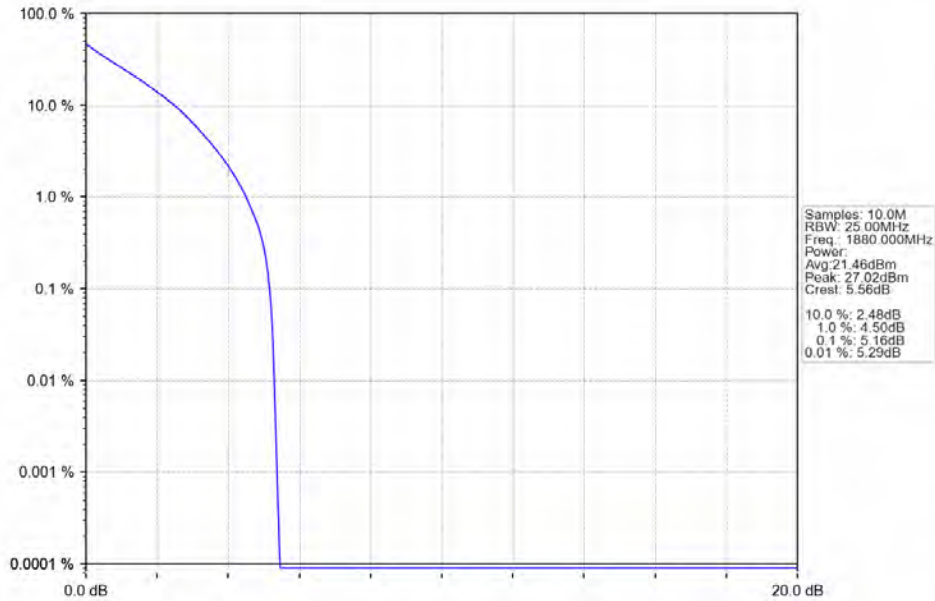
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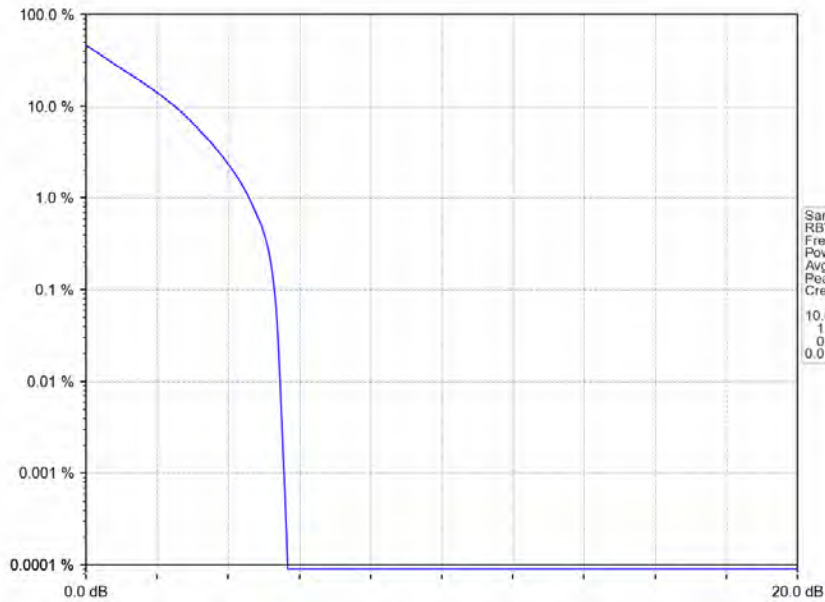
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Band2\_15MHz\_QPSK\_HCH\_1902.5MHz\_RB\_75\_0\_NTNV



Band2\_15MHz\_16QAM\_LCH\_1857.5MHz\_RB\_75\_0\_NTNV



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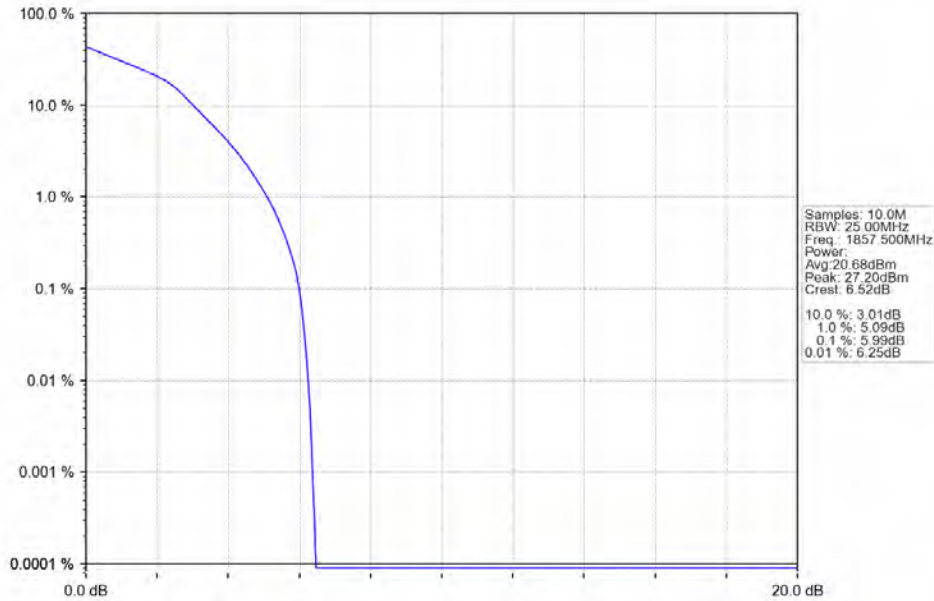
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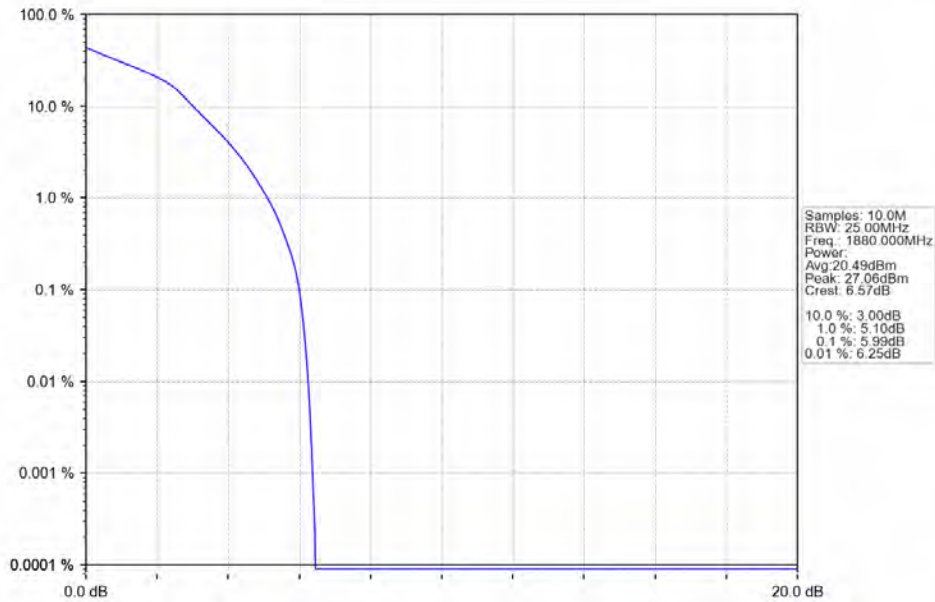
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Band2\_15MHz\_16QAM\_MCH\_1880MHz\_RB\_75\_0\_NTNV



Band2\_15MHz\_16QAM\_HCH\_1902.5MHz\_RB\_75\_0\_NTNV



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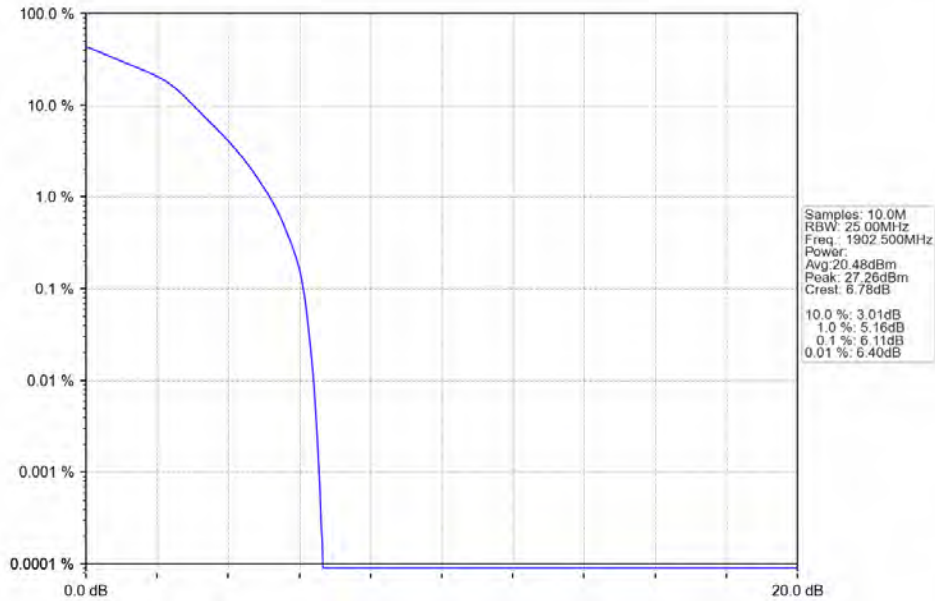
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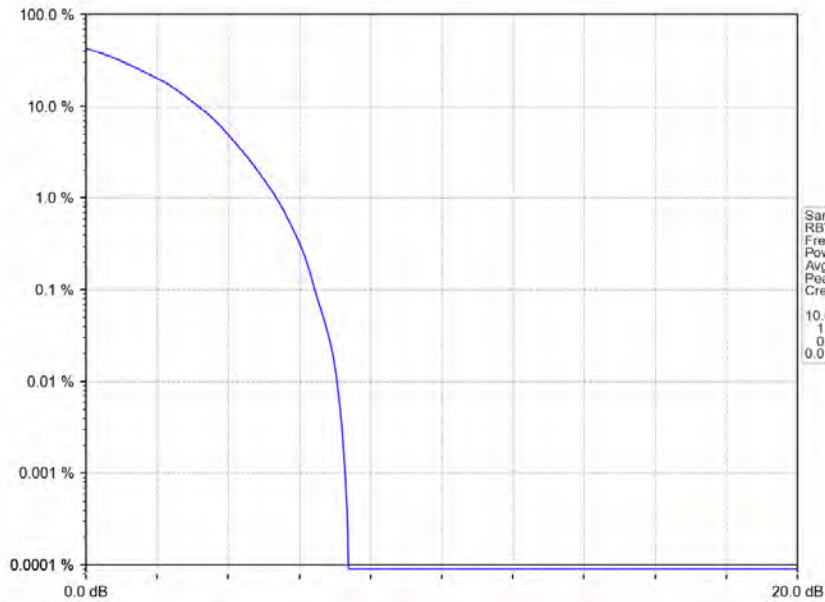
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Band2\_15MHz\_64QAM\_LCH\_1857.5MHz\_RB\_75\_0\_NTNV



Band2\_15MHz\_64QAM\_MCH\_1880MHz\_RB\_75\_0\_NTNV



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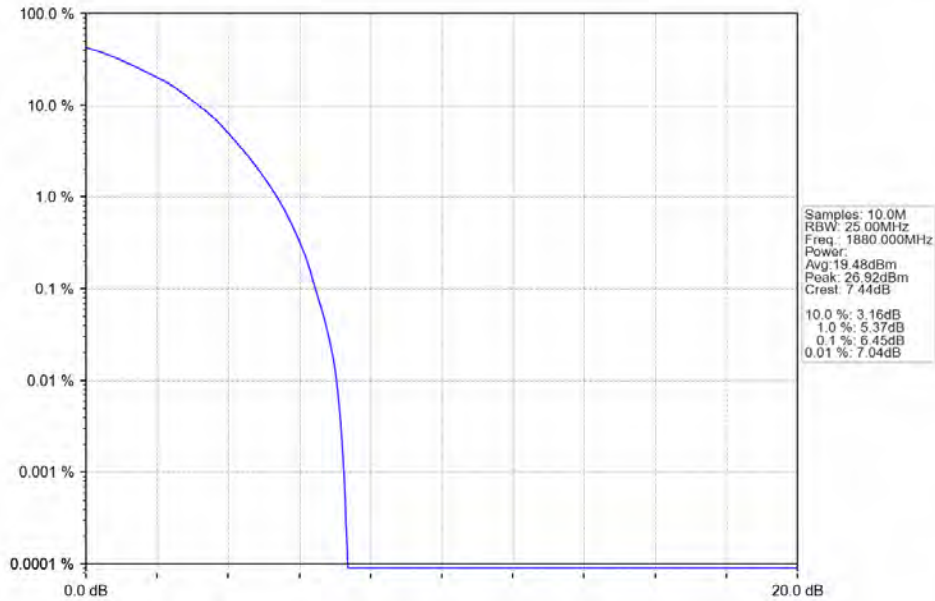
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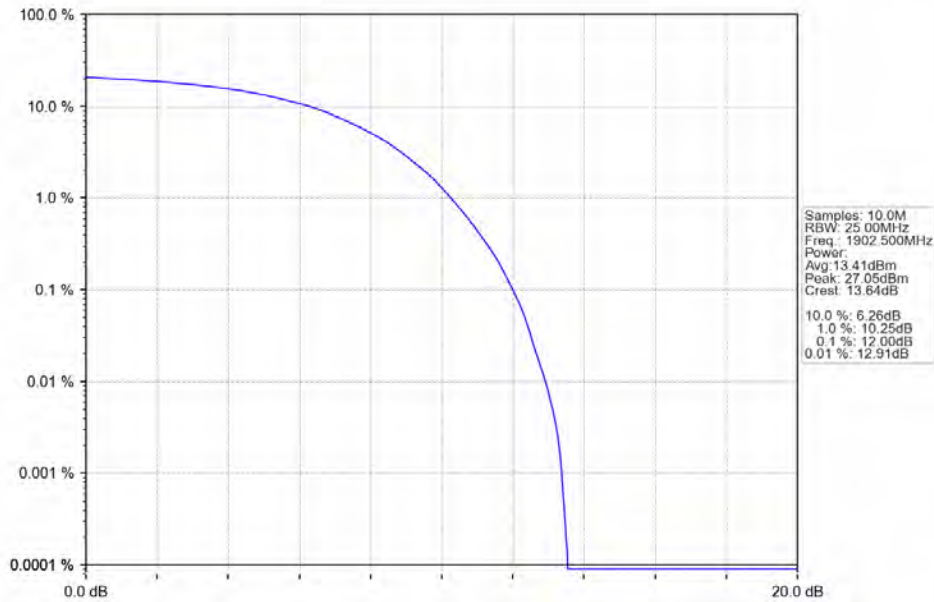
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Band2\_15MHz\_64QAM\_HCH\_1902.5MHz\_RB\_75\_0\_NTNV



Band2\_15MHz\_256QAM\_LCH\_1857.5MHz\_RB\_75\_0\_NTNV



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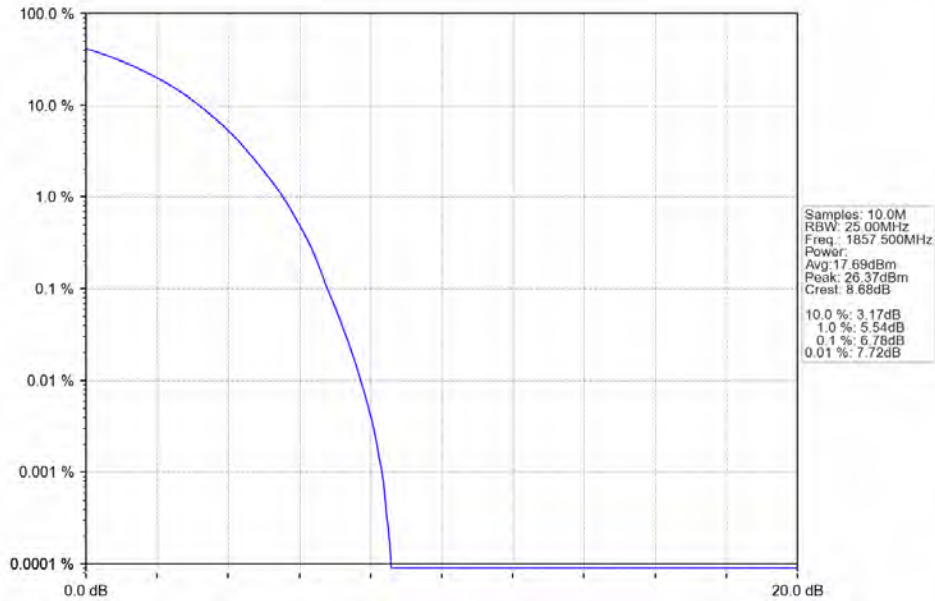
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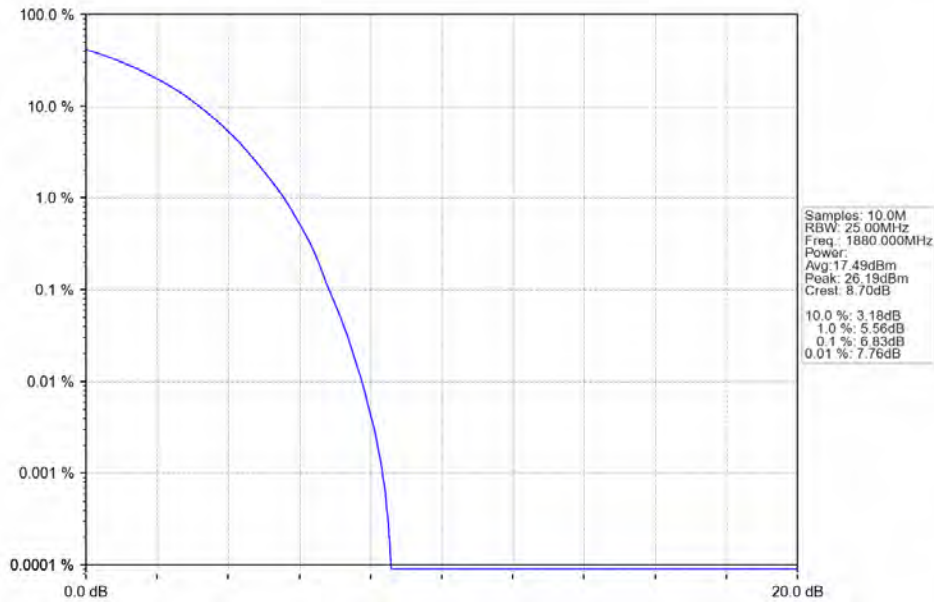


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Band2\_15MHz\_256QAM\_MCH\_1880MHz\_RB\_75\_0\_NTNV



Band2\_15MHz\_256QAM\_HCH\_1902.5MHz\_RB\_75\_0\_NTNV



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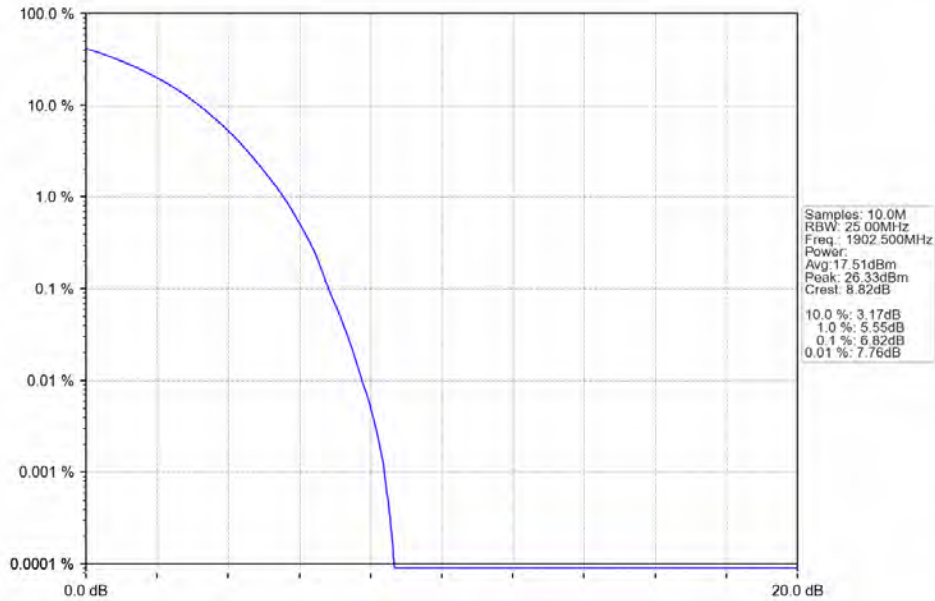
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## 5.6 B2\_20MHz

### 5.6.1 Test Result

| Band: 2 / Bandwidth: 20MHz / NTNV |                 |               |        |                         |       |         |
|-----------------------------------|-----------------|---------------|--------|-------------------------|-------|---------|
| Modulation                        | Frequency (MHz) | RB Allocation |        | Peak-Average Ratio (dB) |       | Verdict |
|                                   |                 | Size          | Offset | Result                  | Limit |         |
| QPSK                              | 1860            | 100           | 0      | 5.15                    | <=13  | Pass    |
|                                   | 1880            | 100           | 0      | 5.17                    | <=13  | Pass    |
|                                   | 1900            | 100           | 0      | 5.26                    | <=13  | Pass    |
| 16QAM                             | 1860            | 100           | 0      | 5.99                    | <=13  | Pass    |
|                                   | 1880            | 100           | 0      | 6.01                    | <=13  | Pass    |
|                                   | 1900            | 100           | 0      | 6.12                    | <=13  | Pass    |
| 64QAM                             | 1860            | 100           | 0      | 6.42                    | <=13  | Pass    |
|                                   | 1880            | 100           | 0      | 11.57                   | <=13  | Pass    |
|                                   | 1900            | 100           | 0      | 10.98                   | <=13  | Pass    |
| 256QAM                            | 1860            | 100           | 0      | 6.77                    | <=13  | Pass    |
|                                   | 1880            | 100           | 0      | 6.80                    | <=13  | Pass    |
|                                   | 1900            | 100           | 0      | 6.82                    | <=13  | Pass    |



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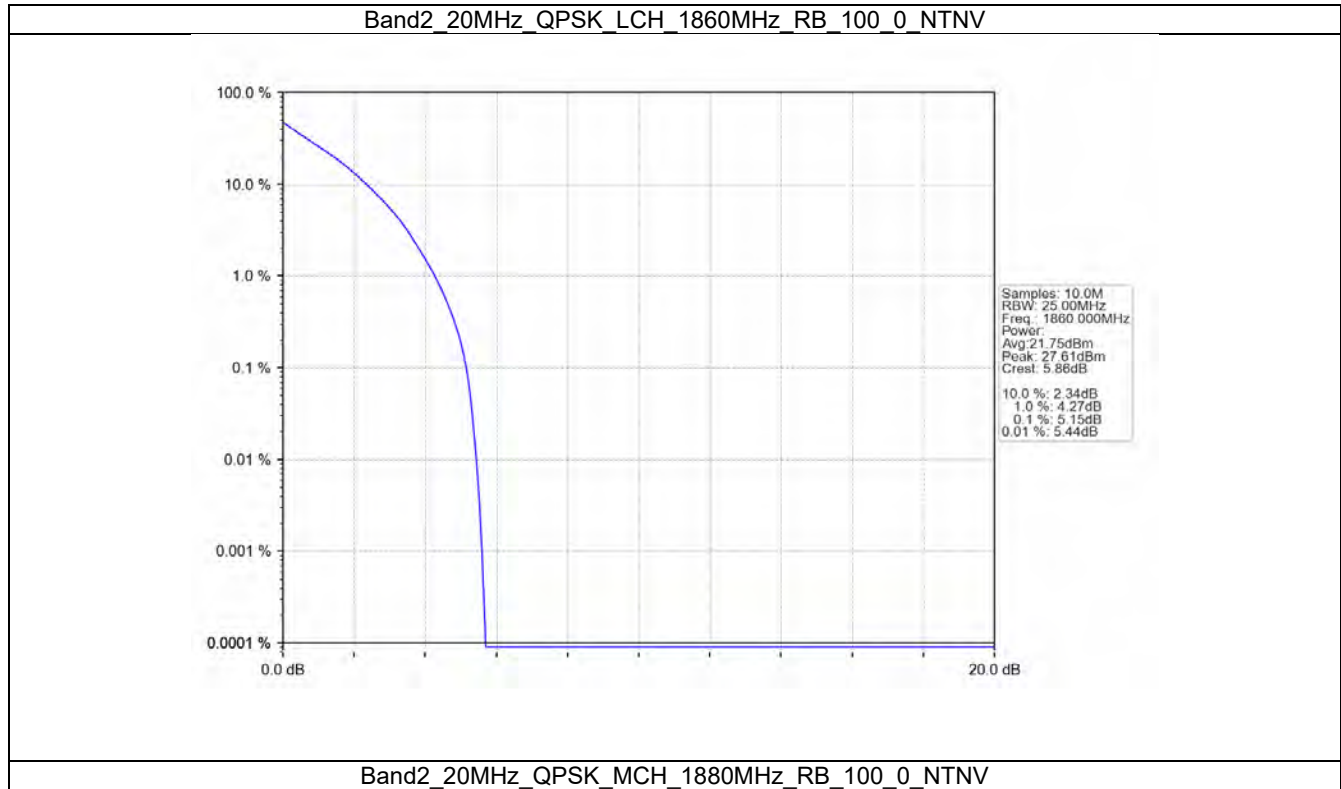
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### 5.6.2 Test Graph



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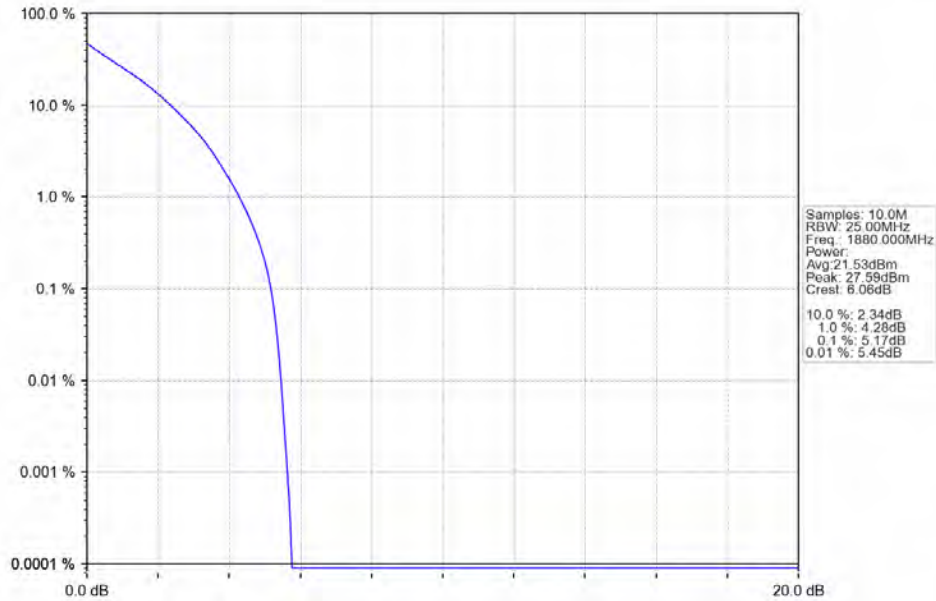
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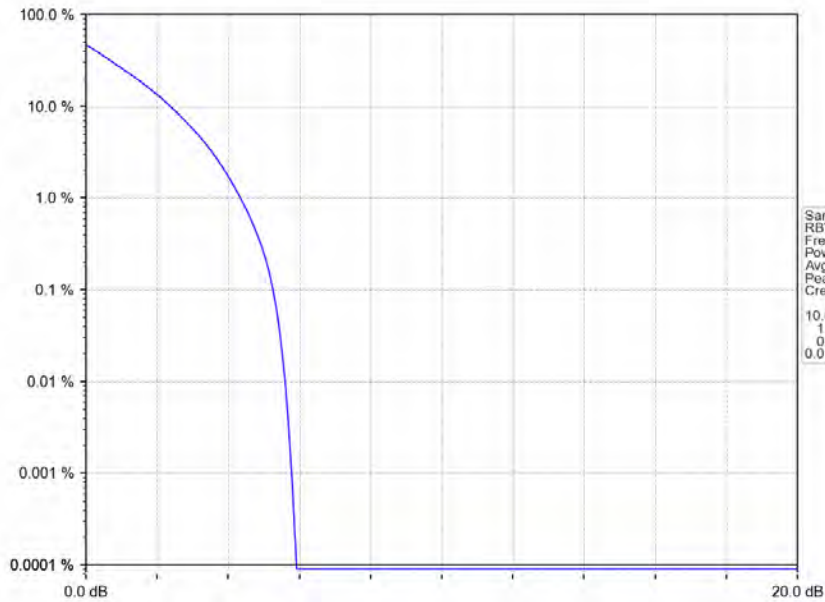


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Band2\_20MHz\_QPSK\_HCH\_1900MHz\_RB\_100\_0\_NTNV



Samples: 10.0M  
RBW: 25.00MHz  
Freq.: 1900.000MHz  
Power:  
Avg 21.60dBm  
Peak: 27.72dBm  
Crest: 6.12dB  
10.0%: 2.37dB  
1.0%: 4.34dB  
0.1%: 5.26dB  
0.01%: 5.60dB

Band2\_20MHz\_16QAM\_LCH\_1860MHz\_RB\_100\_0\_NTNV



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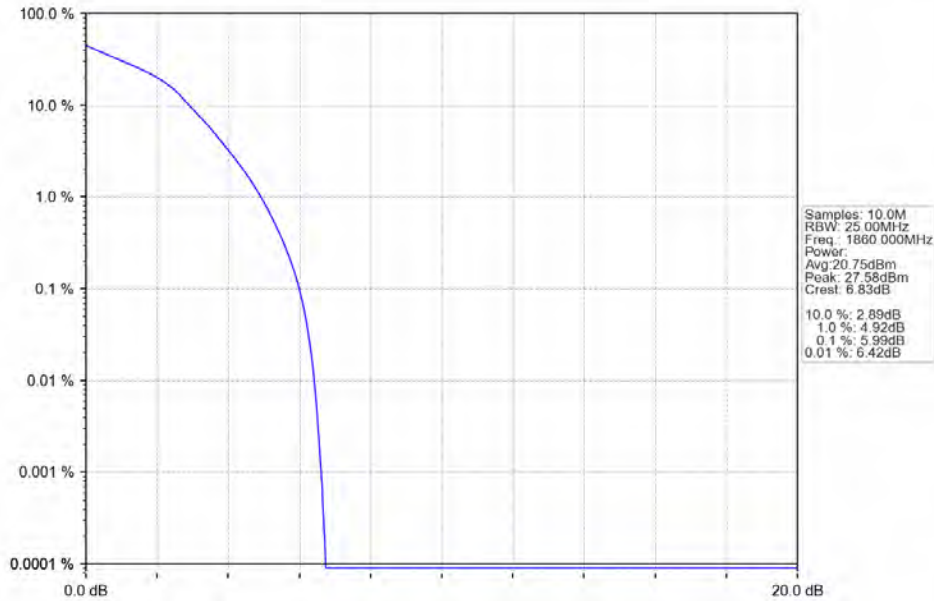
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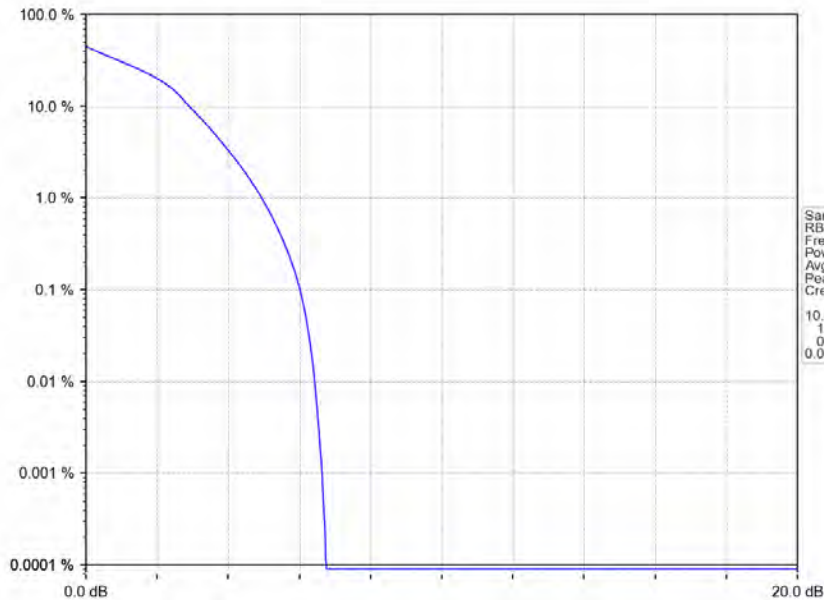
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Band2 20MHz 16QAM MCH 1880MHz RB 100 0 NTNV



Band2 20MHz 16QAM HCH 1900MHz RB 100 0 NTNV



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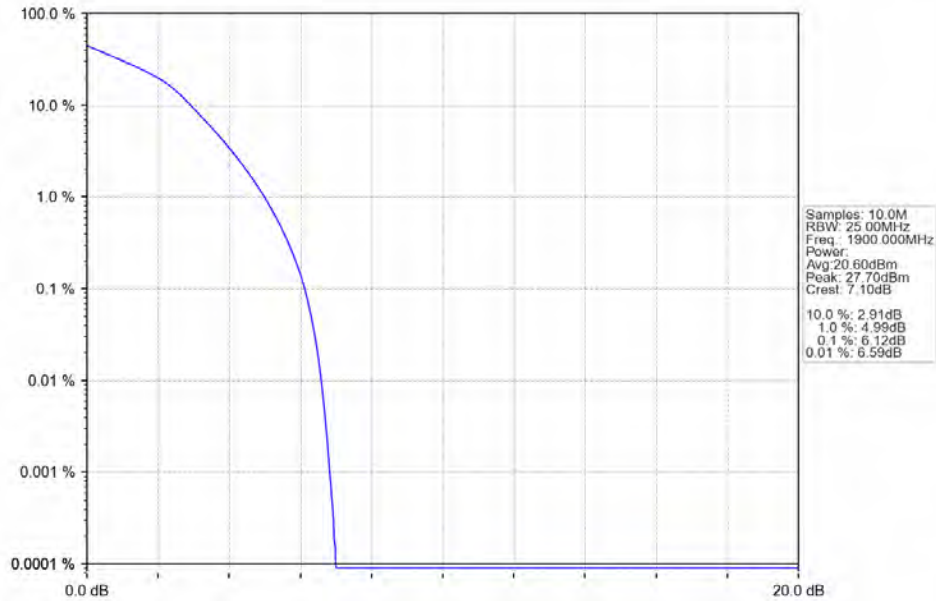
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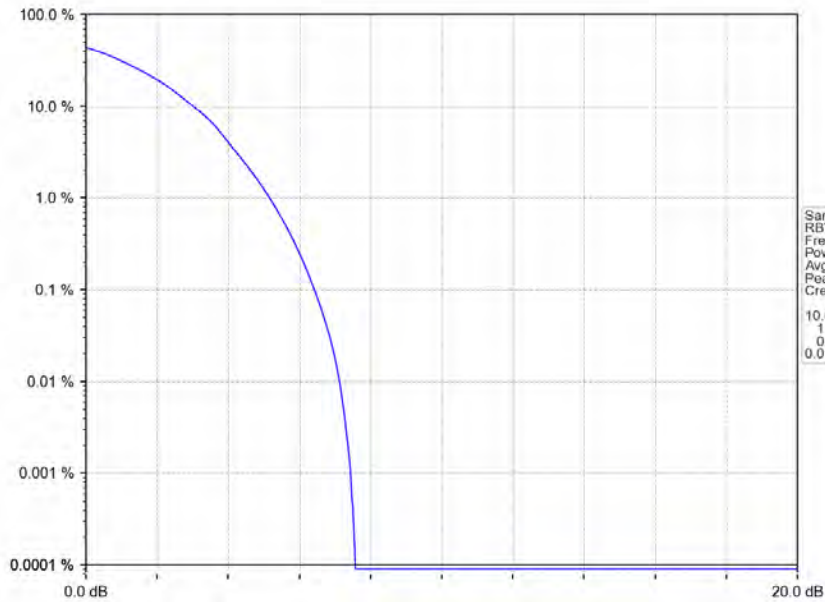
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Band2\_20MHz\_64QAM\_LCH\_1860MHz\_RB\_100\_0\_NTNV



Band2\_20MHz\_64QAM\_MCH\_1880MHz\_RB\_100\_0\_NTNV



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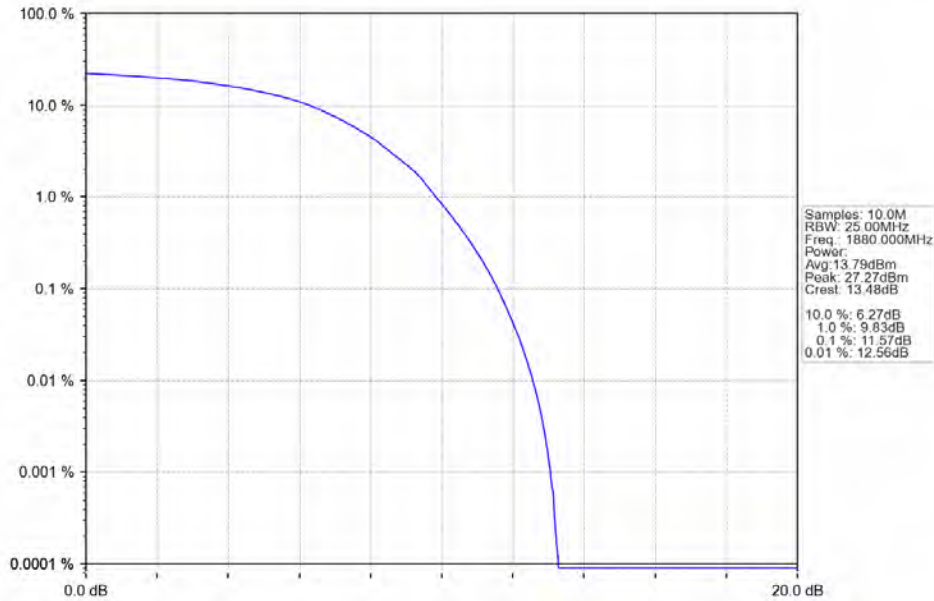
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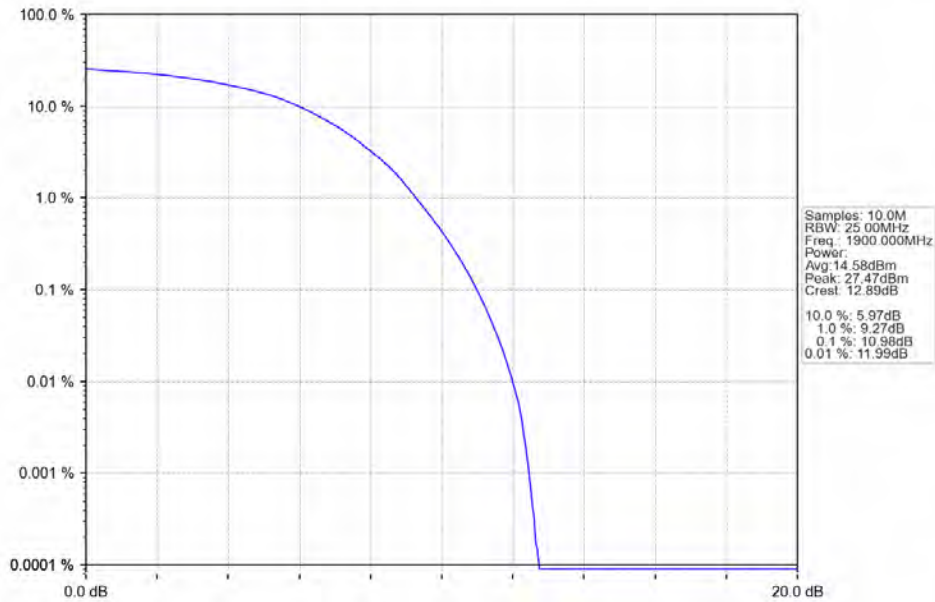
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Band2\_20MHz\_256QAM\_LCH\_1860MHz\_RB\_100\_0\_NTNV



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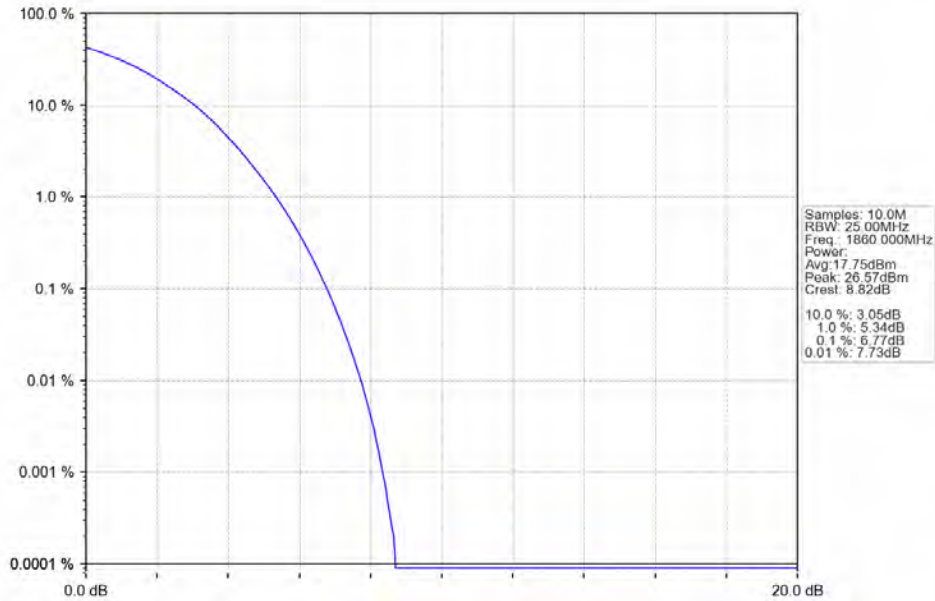
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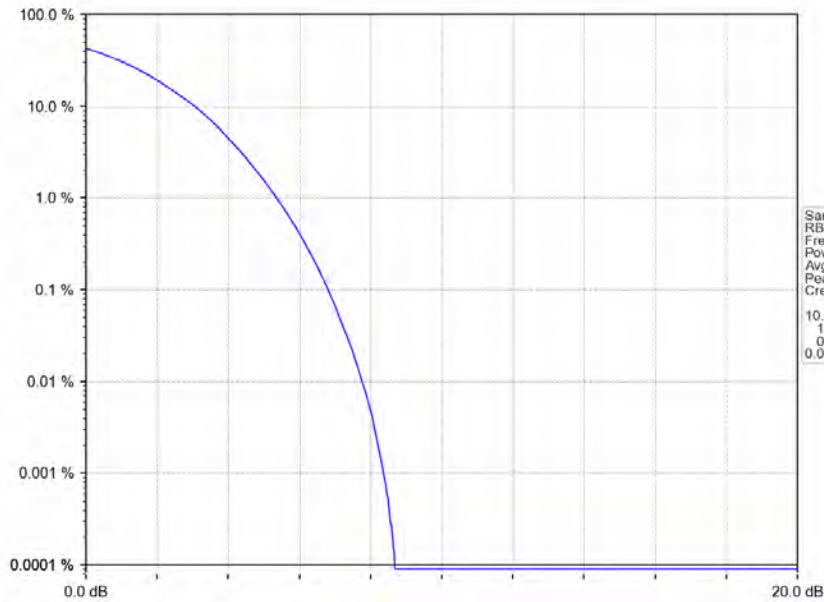
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Band2\_20MHz\_256QAM\_HCH\_1900MHz\_RB\_100\_0\_NTNV



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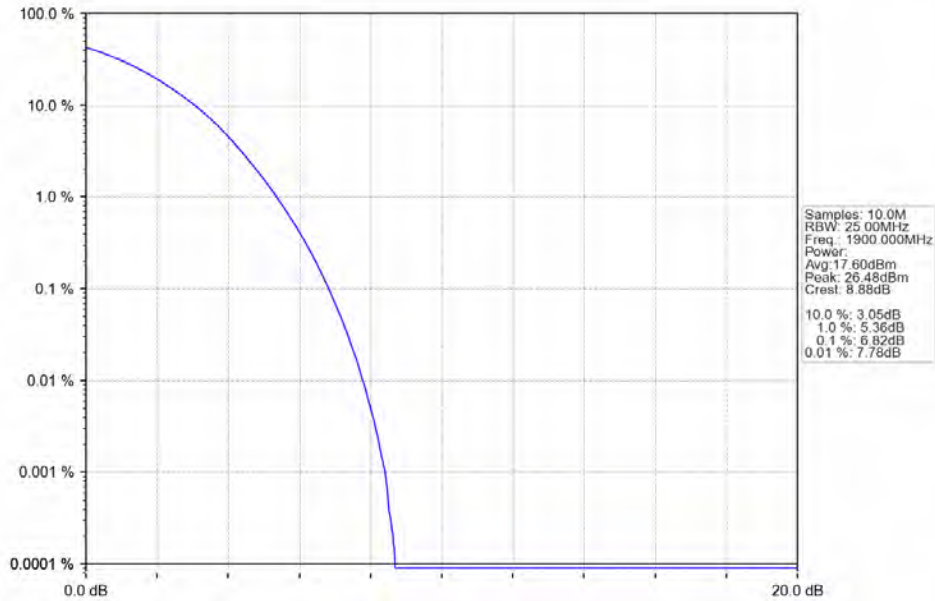
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## 6. Spurious Emission & Band Edges

### 6.1 B2\_1.4MHz

#### 6.1.1 Test Result

| Band: 2 / Bandwidth: 1.4MHz / NTNV |                 |               |        |                     |       |         |
|------------------------------------|-----------------|---------------|--------|---------------------|-------|---------|
| Modulation                         | Frequency (MHz) | RB Allocation |        | Spurious Emission   |       | Verdict |
|                                    |                 | Size          | Offset | Result              | Limit |         |
| QPSK                               | 1850.7          | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                    |                 | 6             | 0      | Refer To Test Graph |       | Pass    |
|                                    | 1880            | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                    | 1909.3          | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                    |                 |               | 5      | Refer To Test Graph |       | Pass    |
|                                    |                 | 6             | 0      | Refer To Test Graph |       | Pass    |



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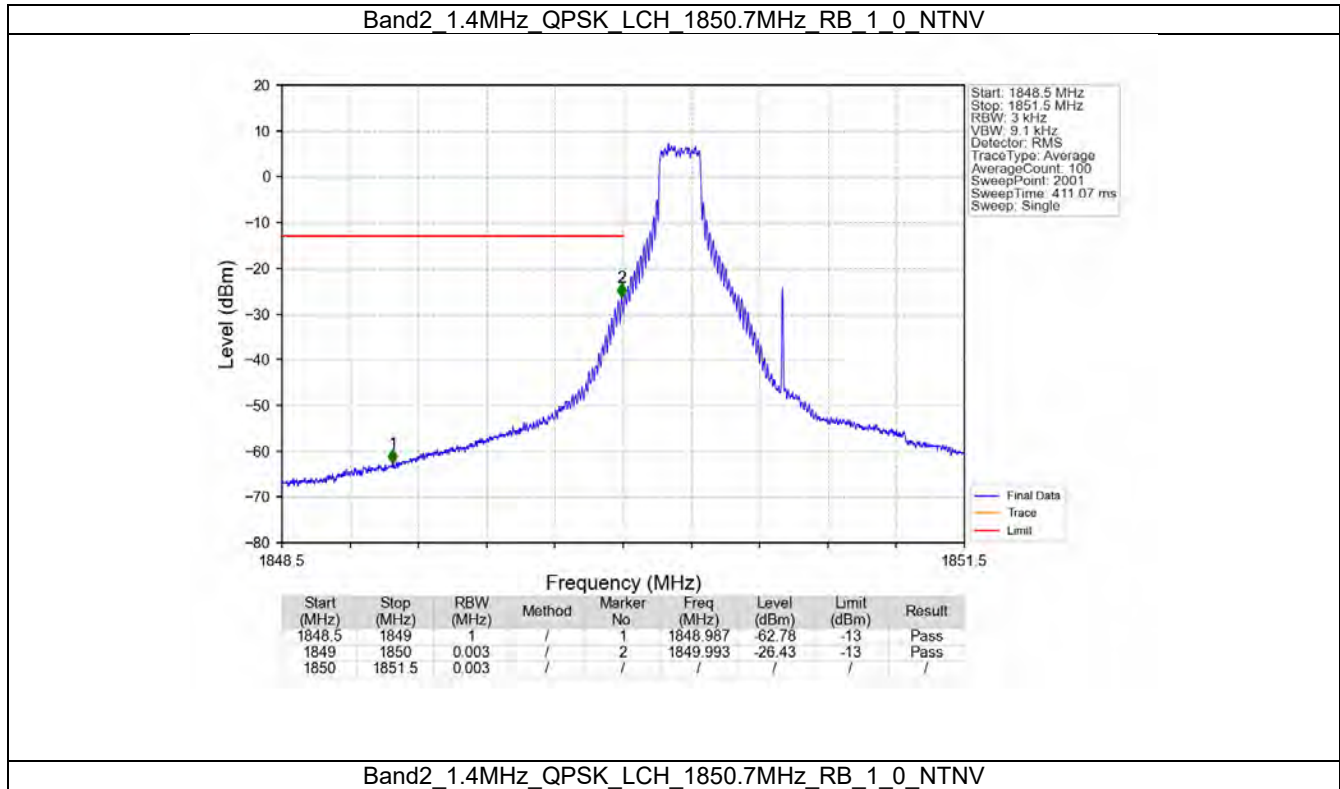
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### 6.1.2 Test Graph



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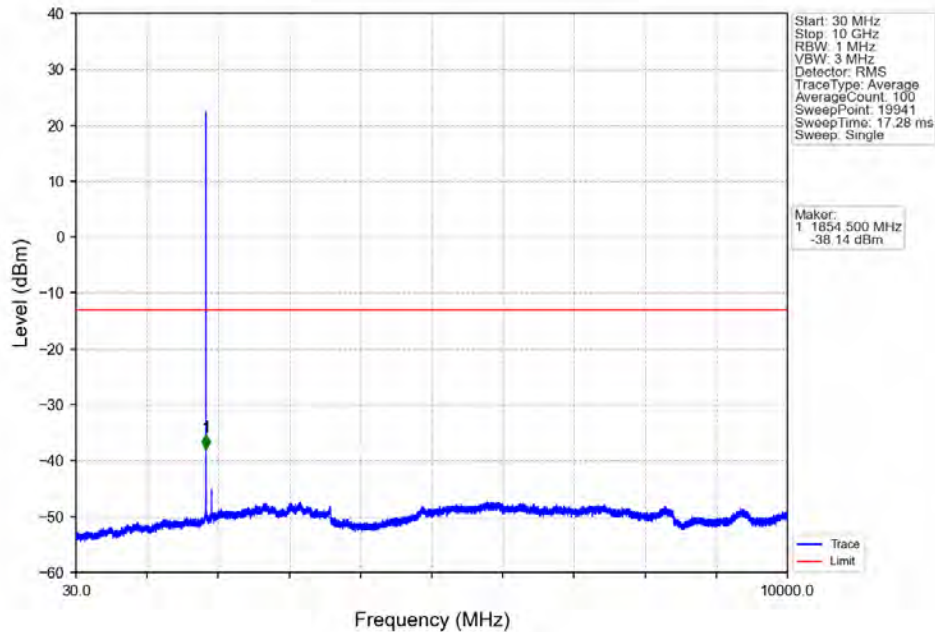
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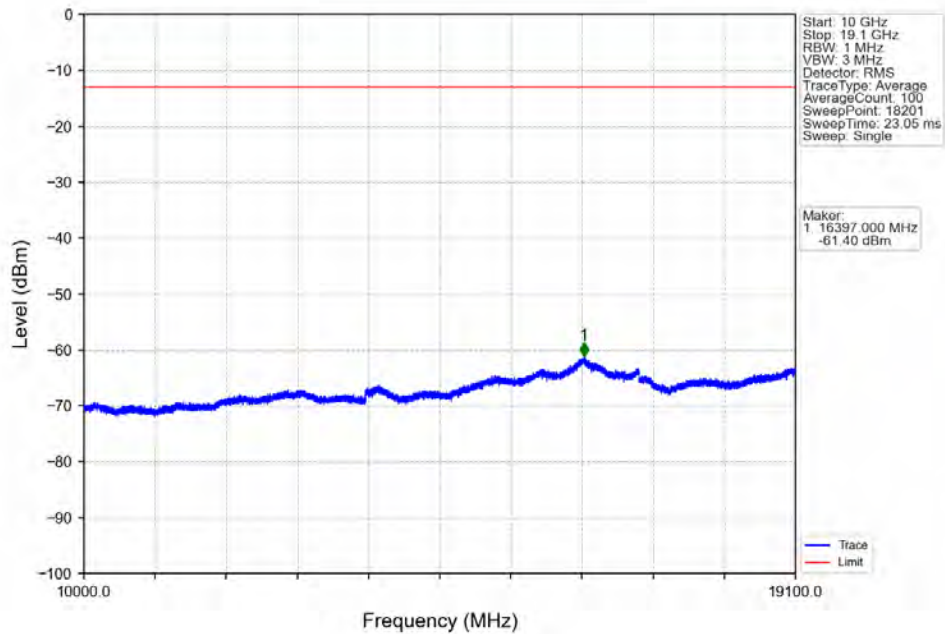
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Band2\_1.4MHz\_QPSK\_LCH\_1850.7MHz\_RB\_1\_0\_NTNV



Band2\_1.4MHz\_QPSK\_LCH\_1850.7MHz\_RB\_6\_0\_NTNV



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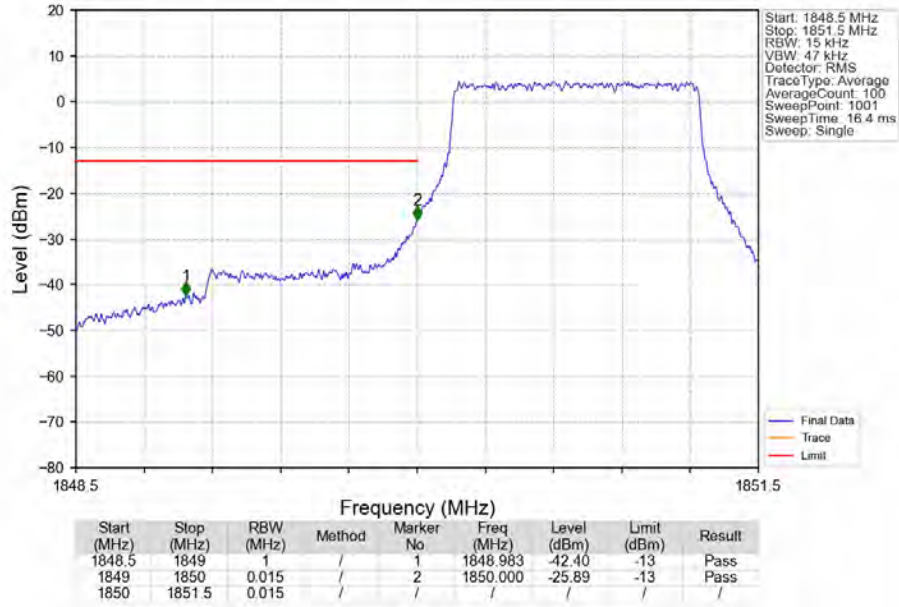
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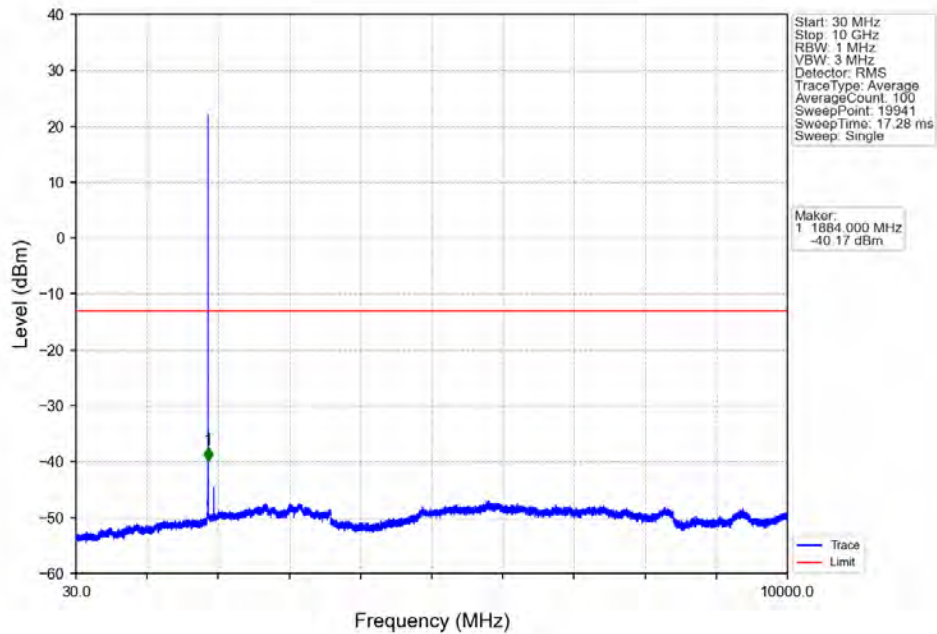


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Band2\_1.4MHz\_QPSK\_MCH\_1880MHz\_RB\_1\_0\_NTNV



Band2\_1.4MHz\_QPSK\_MCH\_1880MHz\_RB\_1\_0\_NTNV



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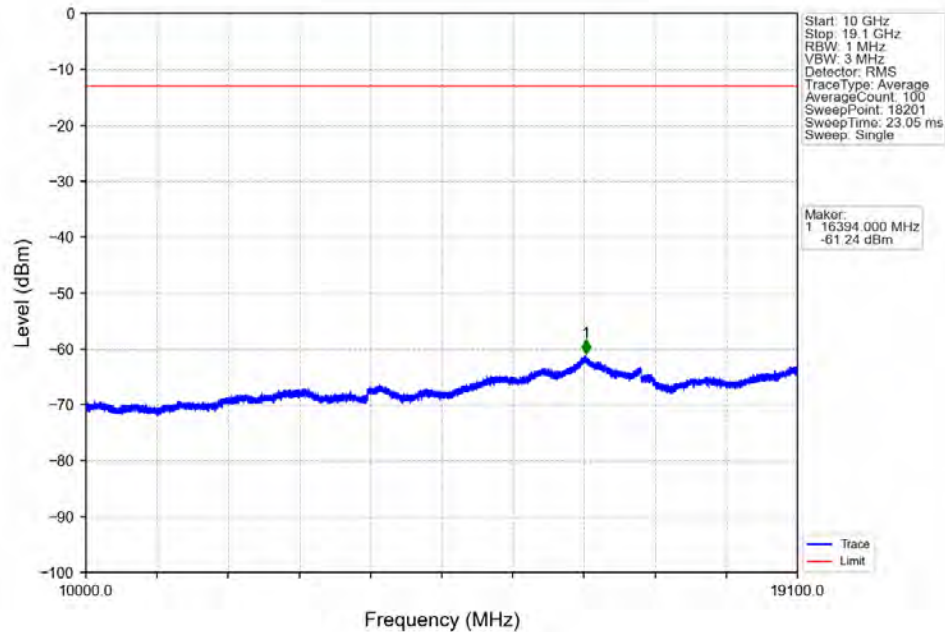
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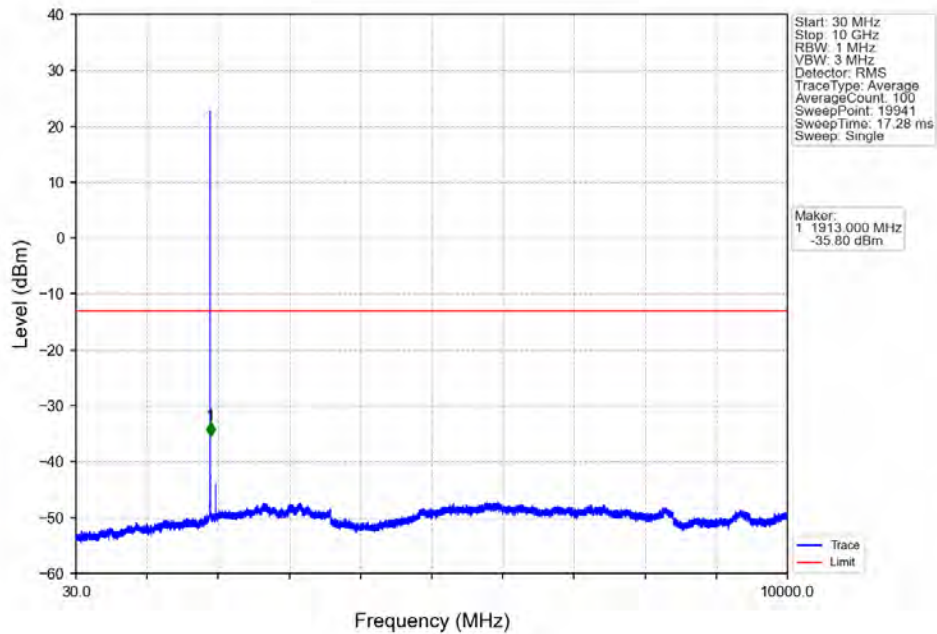
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Band2\_1.4MHz\_QPSK\_HCH\_1909.3MHz\_RB\_1\_0\_NTNV



Band2\_1.4MHz\_QPSK\_HCH\_1909.3MHz\_RB\_1\_0\_NTNV



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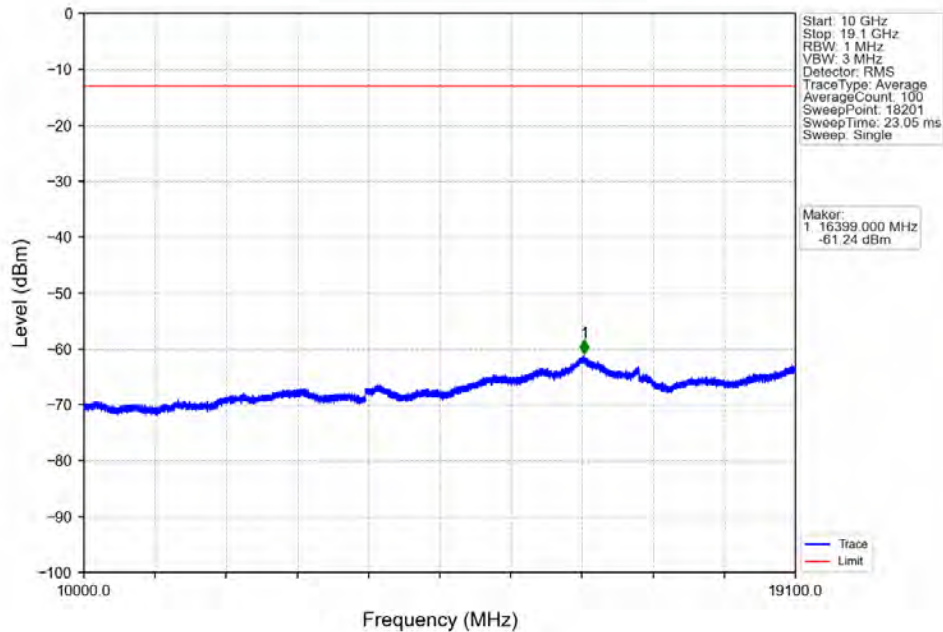
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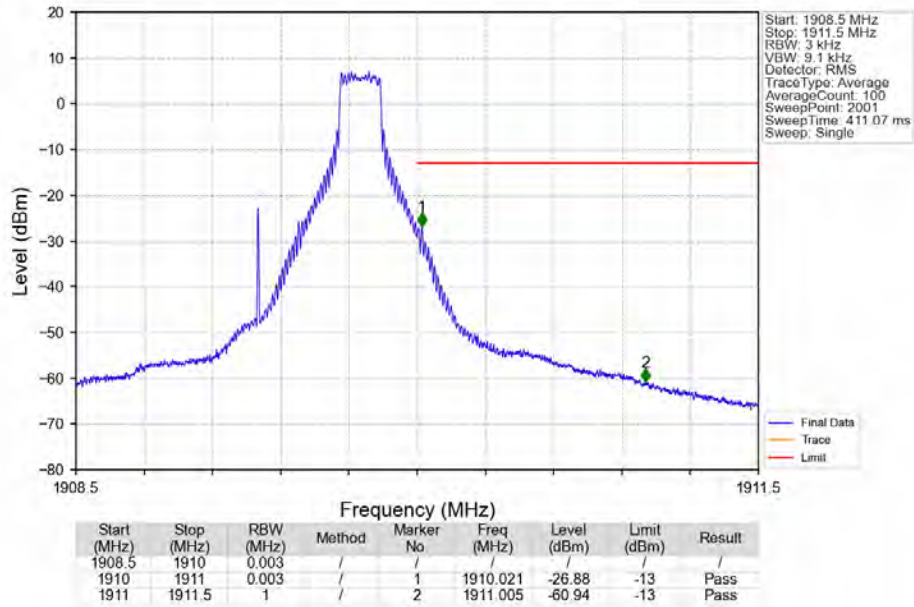


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Band2\_1.4MHz\_QPSK\_HCH\_1909.3MHz\_RB\_1\_5\_NTNV



Band2\_1.4MHz\_QPSK\_HCH\_1909.3MHz\_RB\_6\_0\_NTNV



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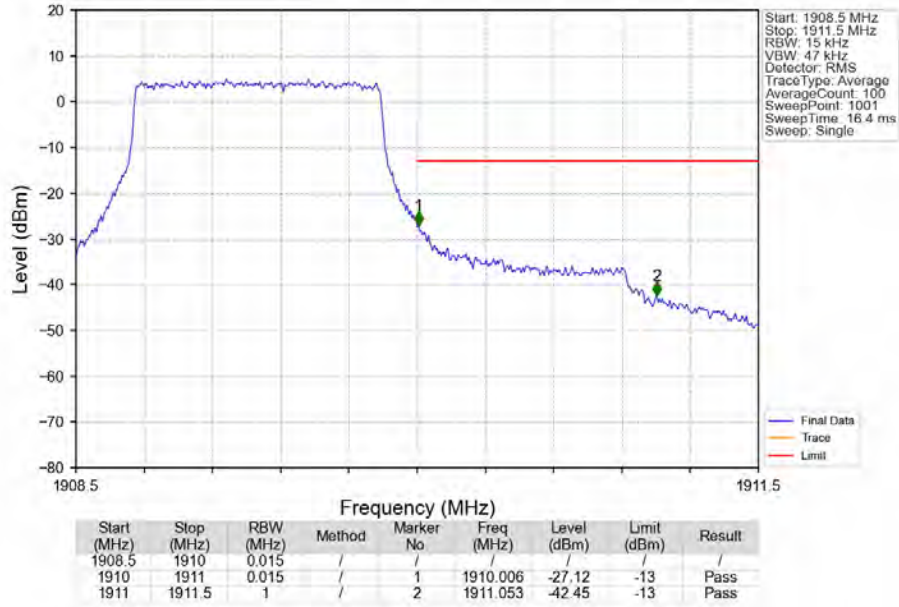
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## 6.2 B2\_3MHz

### 6.2.1 Test Result

| Band: 2 / Bandwidth: 3MHz / NTNV |                 |               |        |                     |       |         |
|----------------------------------|-----------------|---------------|--------|---------------------|-------|---------|
| Modulation                       | Frequency (MHz) | RB Allocation |        | Spurious Emission   |       | Verdict |
|                                  |                 | Size          | Offset | Result              | Limit |         |
| QPSK                             | 1851.5          | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                  |                 | 15            | 0      | Refer To Test Graph |       | Pass    |
|                                  | 1880            | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                  | 1908.5          | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                  |                 |               | 14     | Refer To Test Graph |       | Pass    |
|                                  |                 | 15            | 0      | Refer To Test Graph |       | Pass    |



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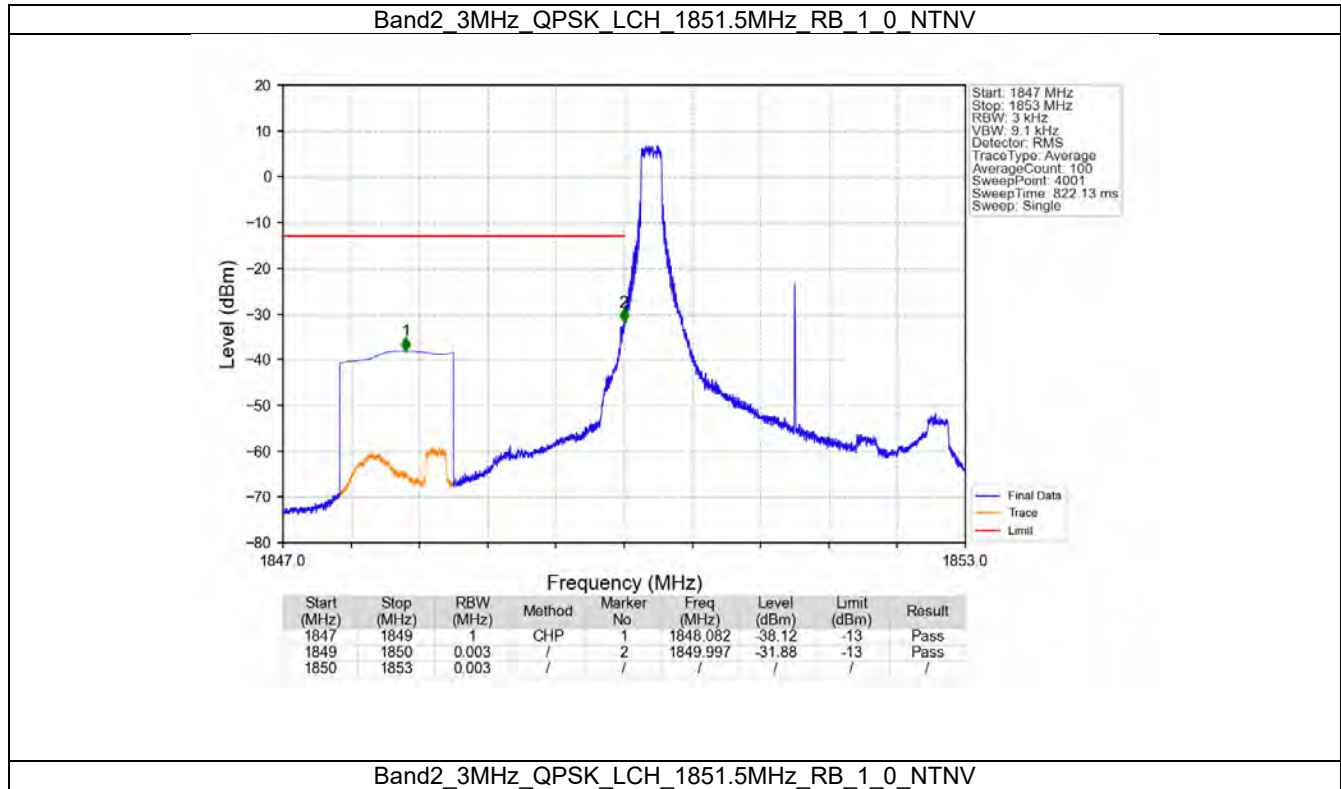
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### 6.2.2 Test Graph



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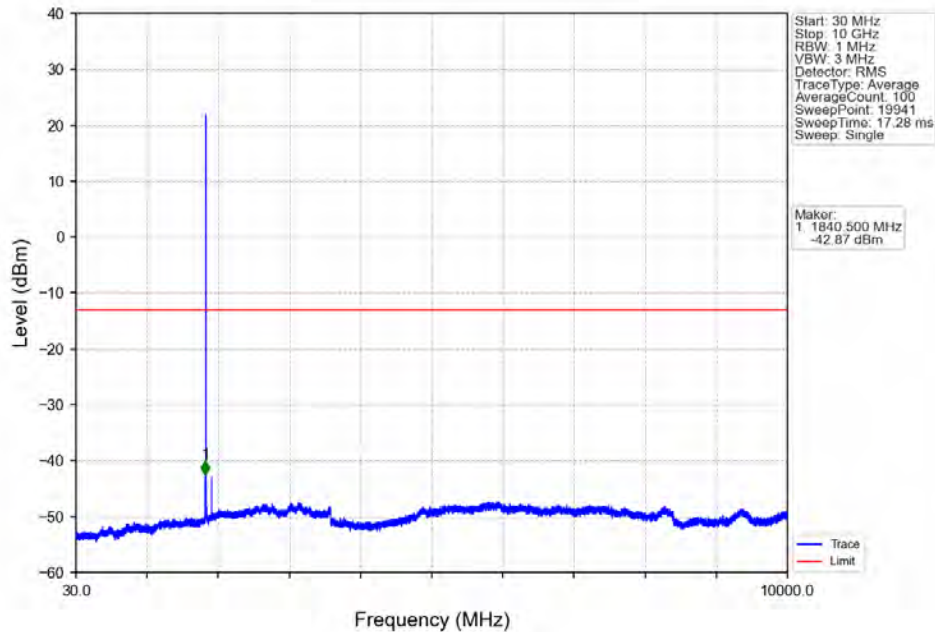
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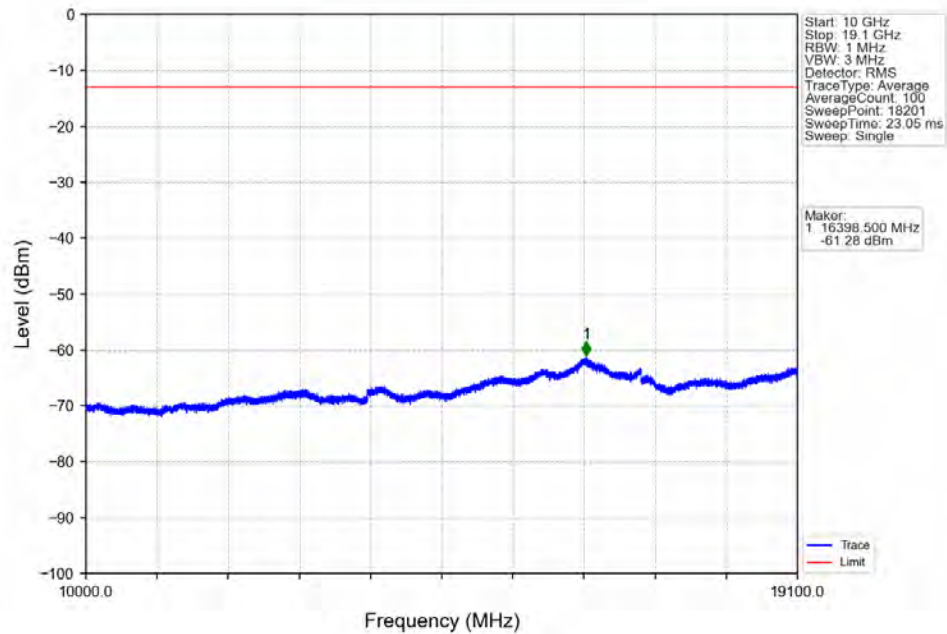


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Band2\_3MHz\_QPSK\_LCH\_1851.5MHz\_RB\_1\_0\_NTNV



Band2\_3MHz\_QPSK\_LCH\_1851.5MHz\_RB\_15\_0\_NTNV



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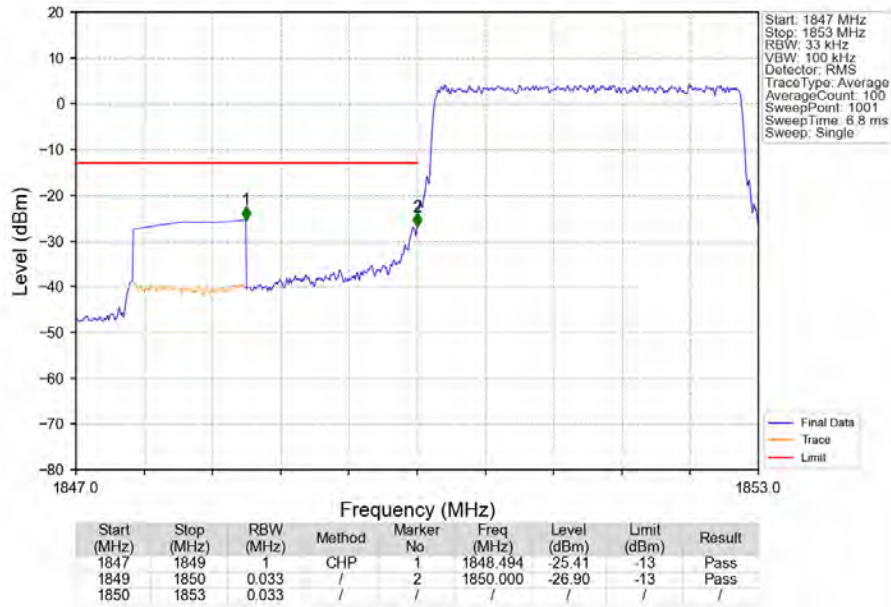
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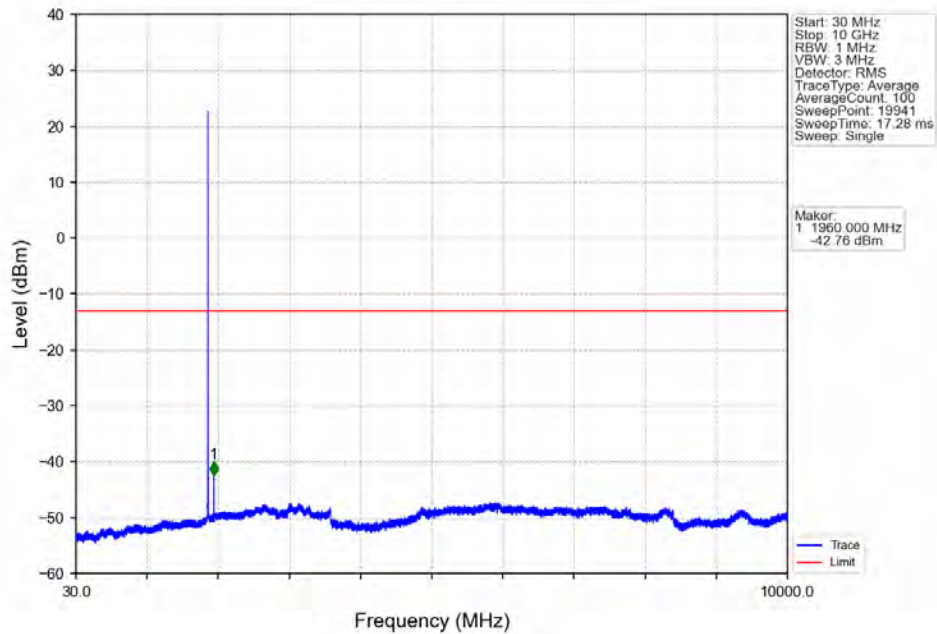
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Band2\_3MHz\_QPSK\_MCH\_1880MHz\_RB\_1\_0\_NTNV



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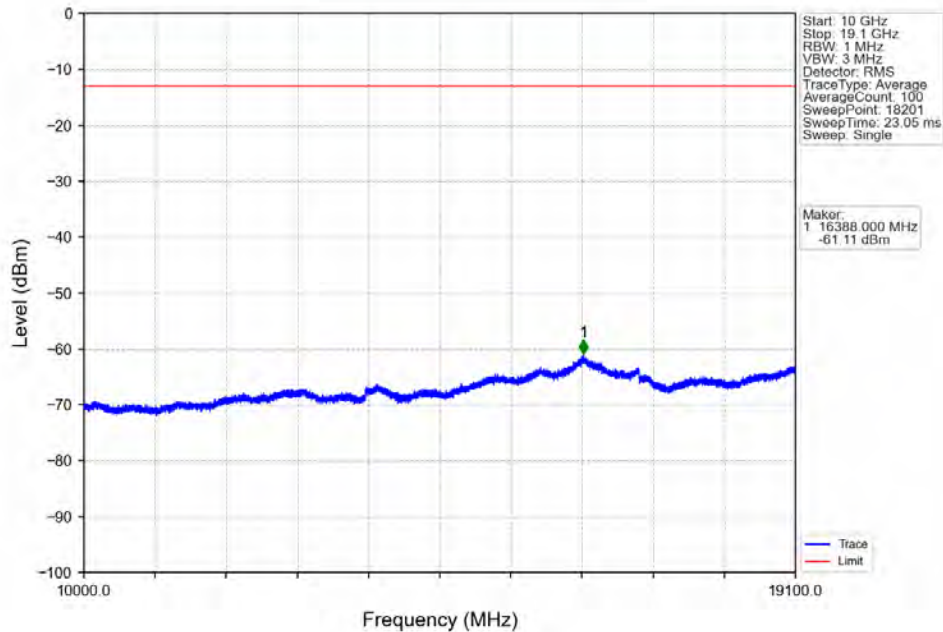
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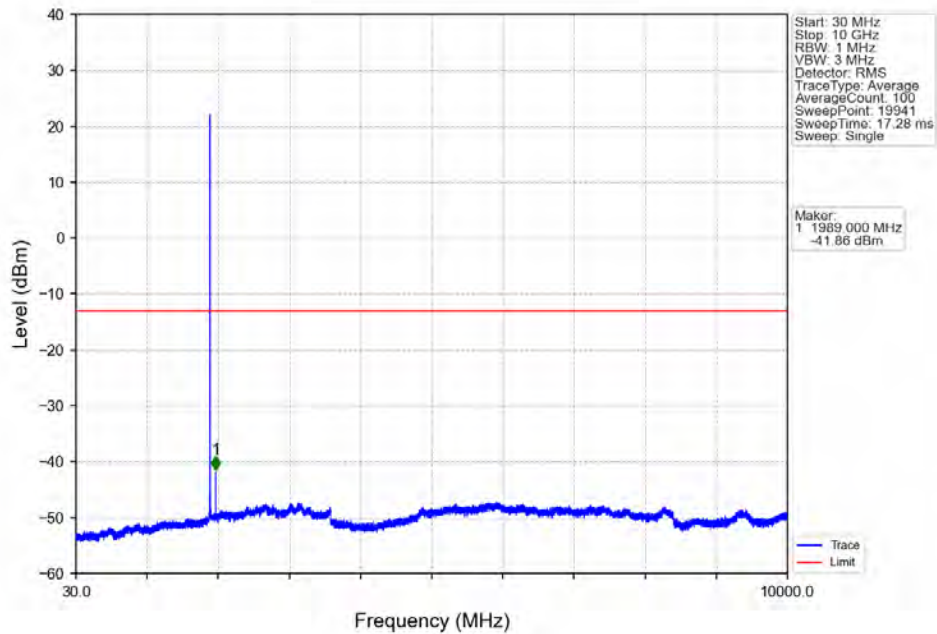
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Band2\_3MHz\_QPSK\_HCH\_1908.5MHz\_RB\_1\_0\_NTNV



Band2\_3MHz\_QPSK\_HCH\_1908.5MHz\_RB\_1\_0\_NTNV



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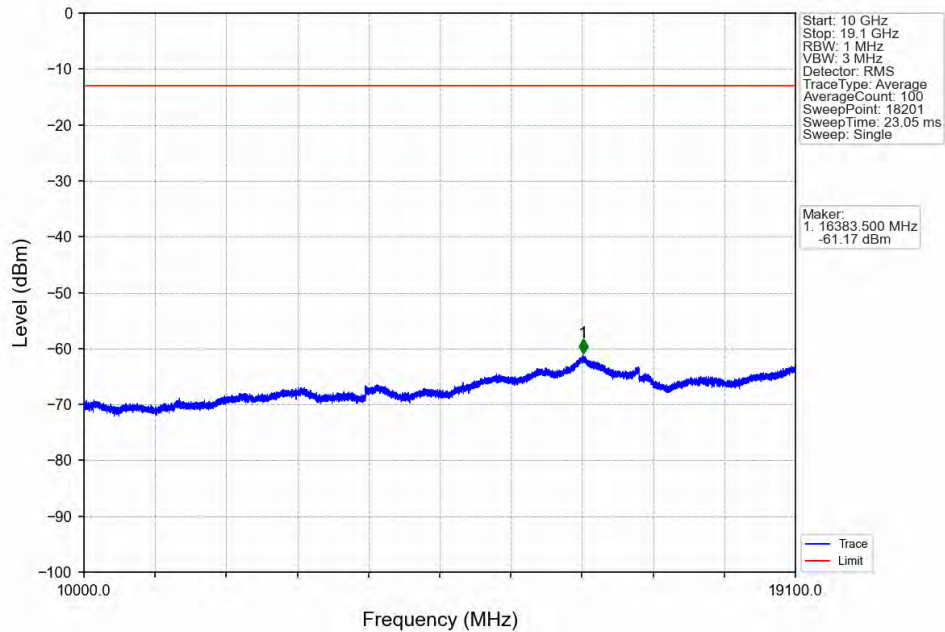
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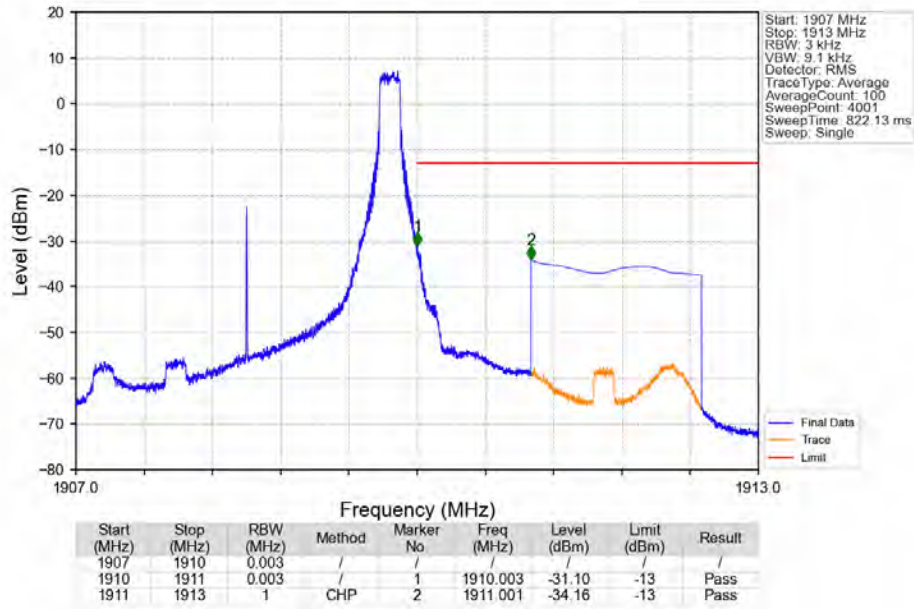


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Band2\_3MHz\_QPSK\_HCH\_1908.5MHz\_RB\_15\_0\_NTNV



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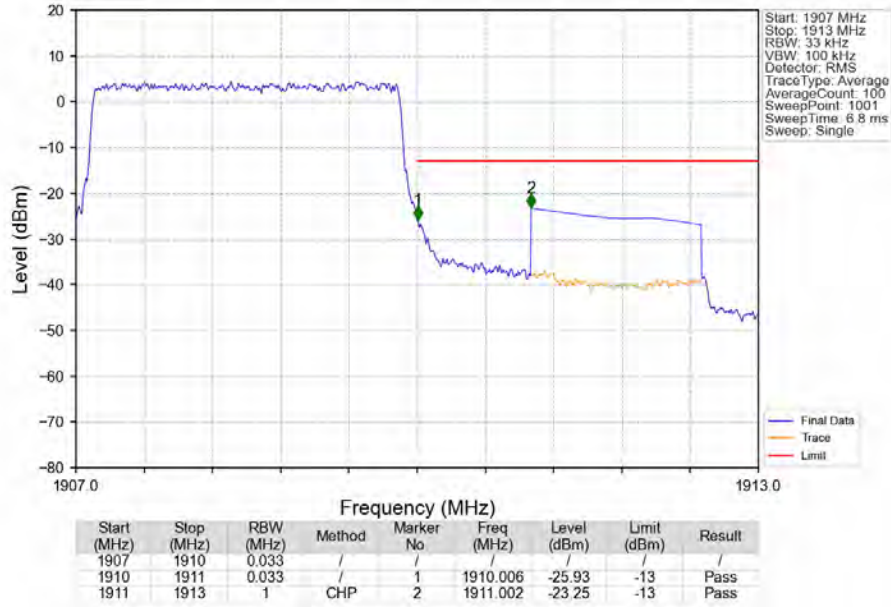
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## 6.3 B2\_5MHz

### 6.3.1 Test Result

| Band: 2 / Bandwidth: 5MHz / NTNV |                 |               |        |                     |       |         |
|----------------------------------|-----------------|---------------|--------|---------------------|-------|---------|
| Modulation                       | Frequency (MHz) | RB Allocation |        | Spurious Emission   |       | Verdict |
|                                  |                 | Size          | Offset | Result              | Limit |         |
| QPSK                             | 1852.5          | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                  |                 | 25            | 0      | Refer To Test Graph |       | Pass    |
|                                  | 1880            | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                  | 1907.5          | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                  |                 |               | 24     | Refer To Test Graph |       | Pass    |
|                                  |                 | 25            | 0      | Refer To Test Graph |       | Pass    |



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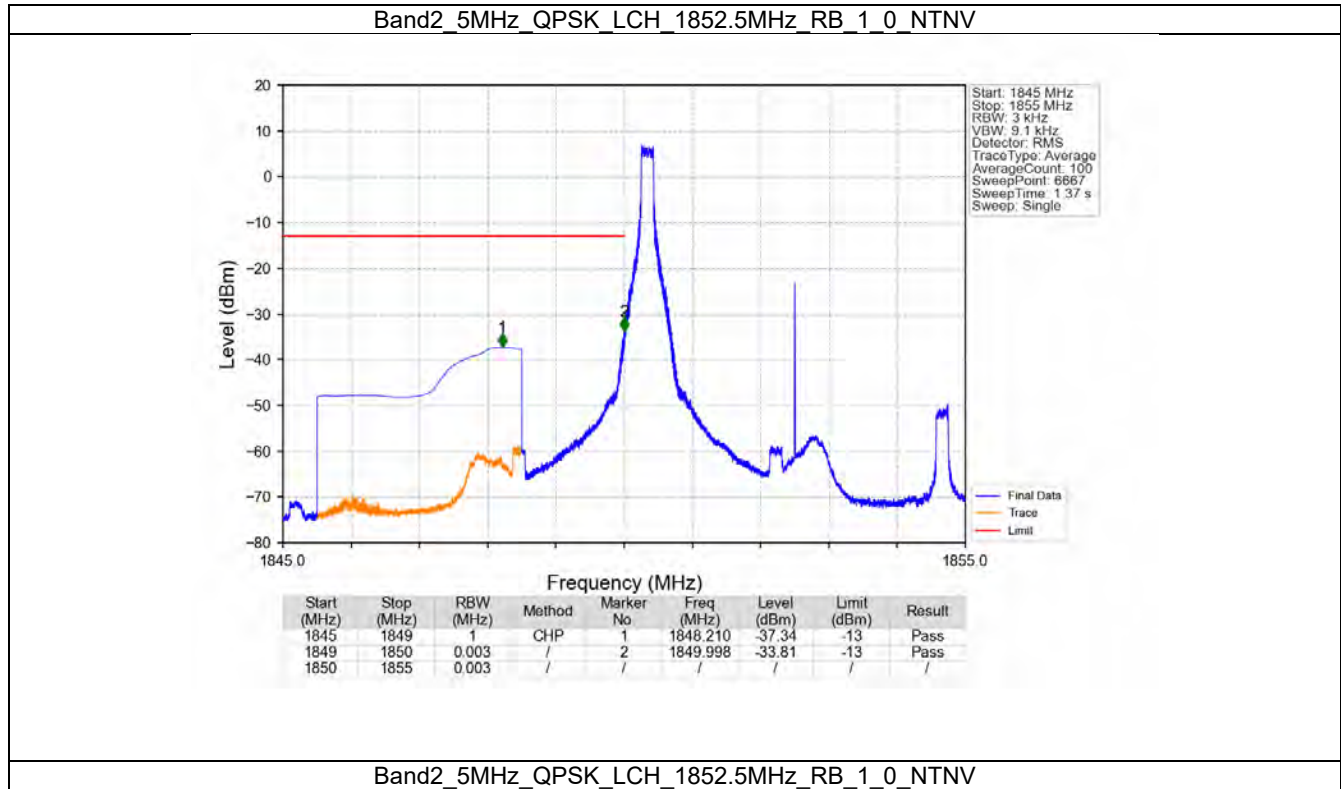
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### 6.3.2 Test Graph



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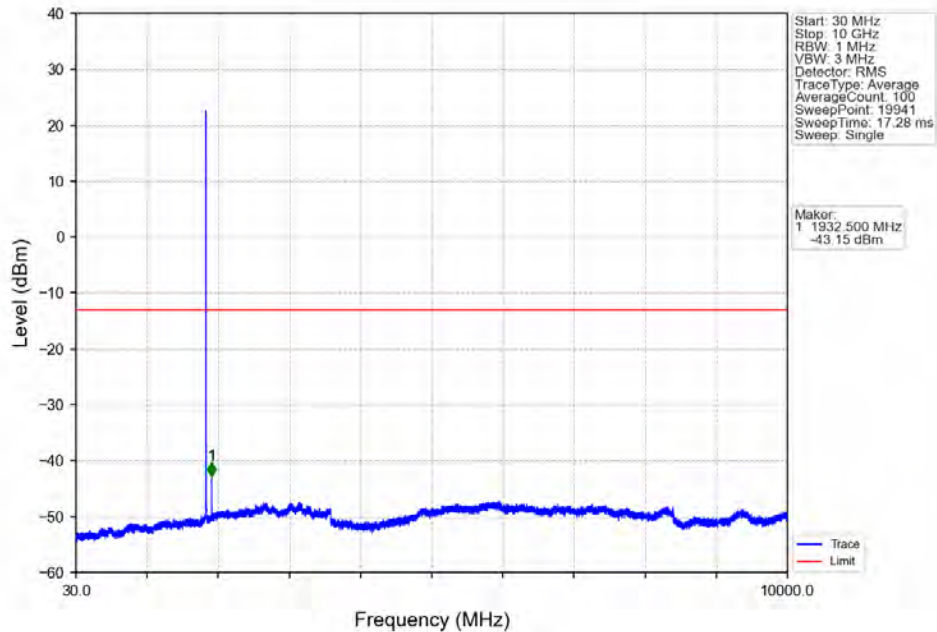
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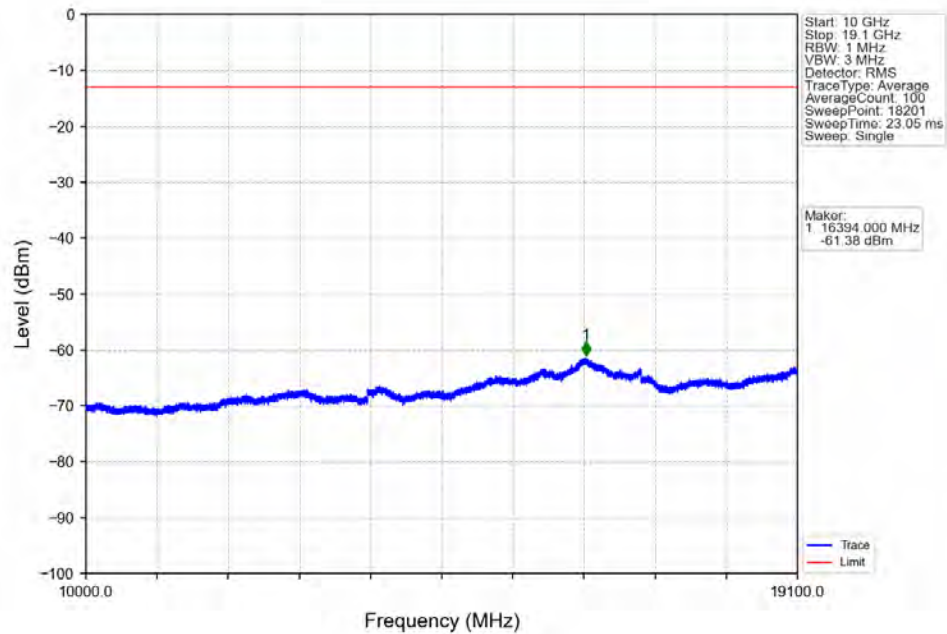
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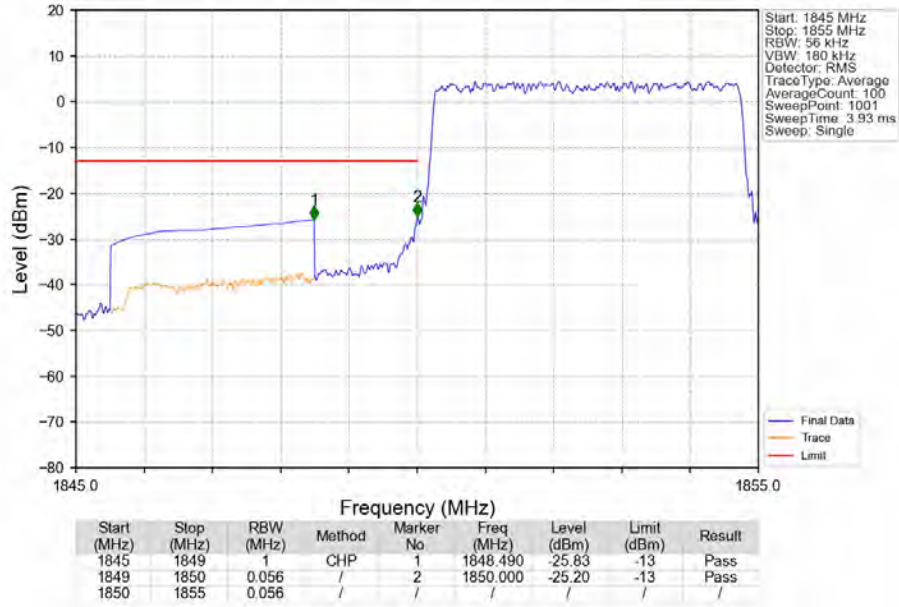
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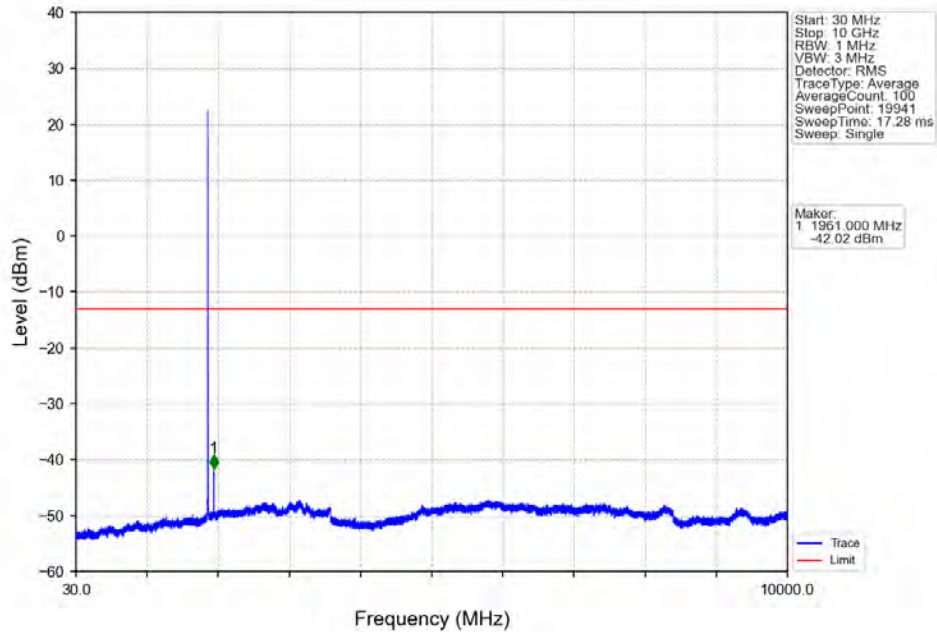
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Band2\_5MHz\_QPSK\_MCH\_1880MHz\_RB\_1\_0\_NTNV



Band2\_5MHz\_QPSK\_MCH\_1880MHz\_RB\_1\_0\_NTNV



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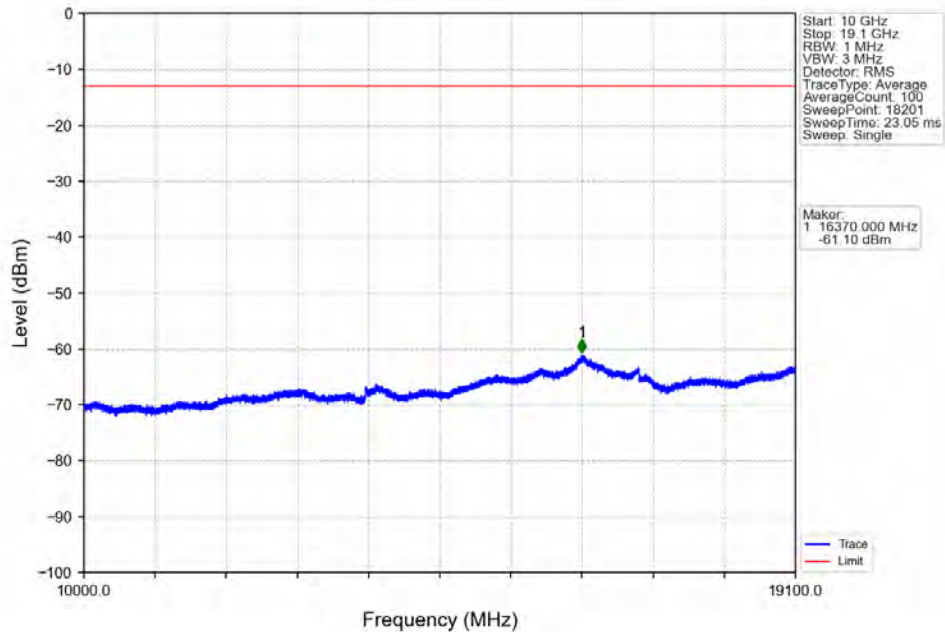
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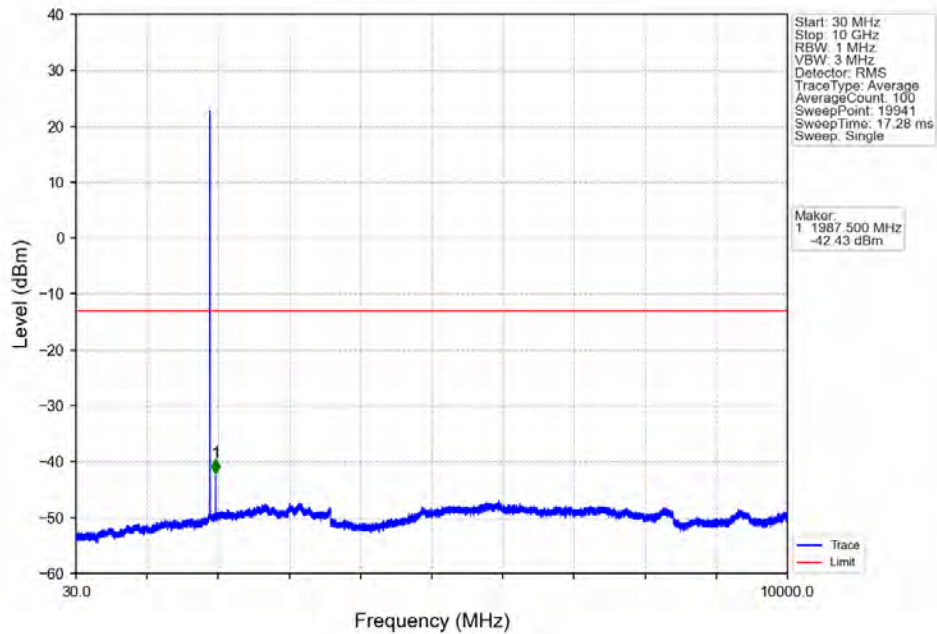
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Band2\_5MHz\_QPSK\_HCH\_1907.5MHz\_RB\_1\_0\_NTNV



Band2\_5MHz\_QPSK\_HCH\_1907.5MHz\_RB\_1\_0\_NTNV



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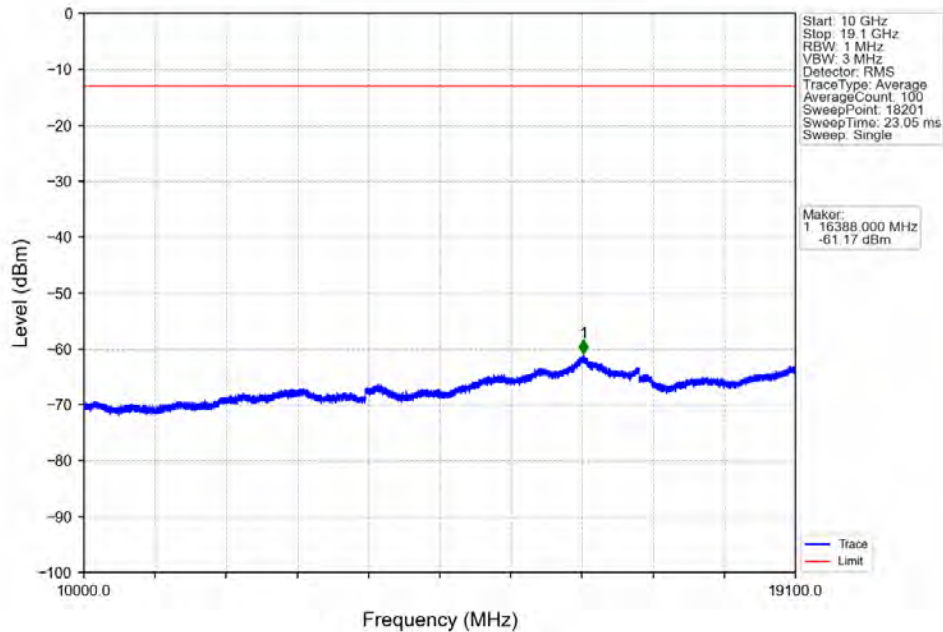
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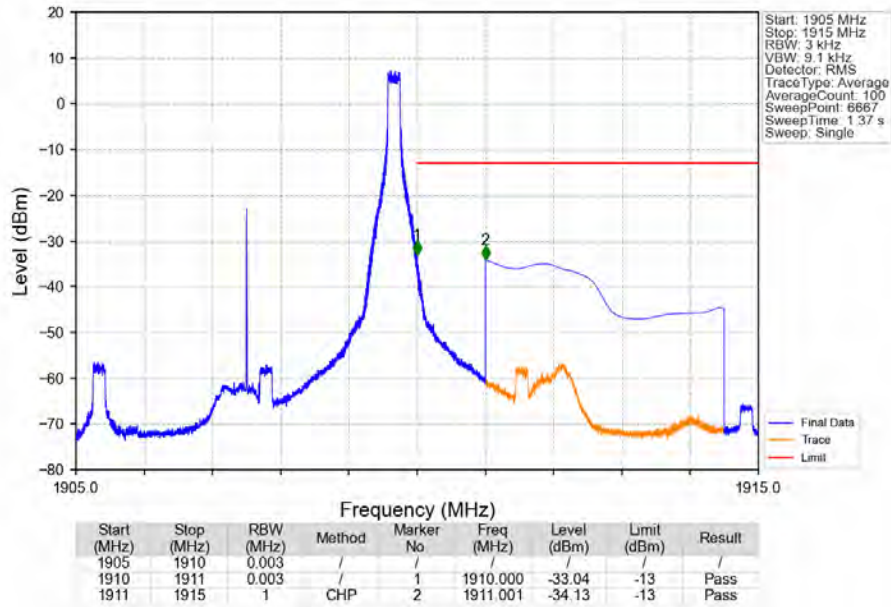
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Band2\_5MHz\_QPSK\_HCH\_1907.5MHz\_RB\_1\_24\_NTNV



Band2\_5MHz\_QPSK\_HCH\_1907.5MHz\_RB\_25\_0\_NTNV



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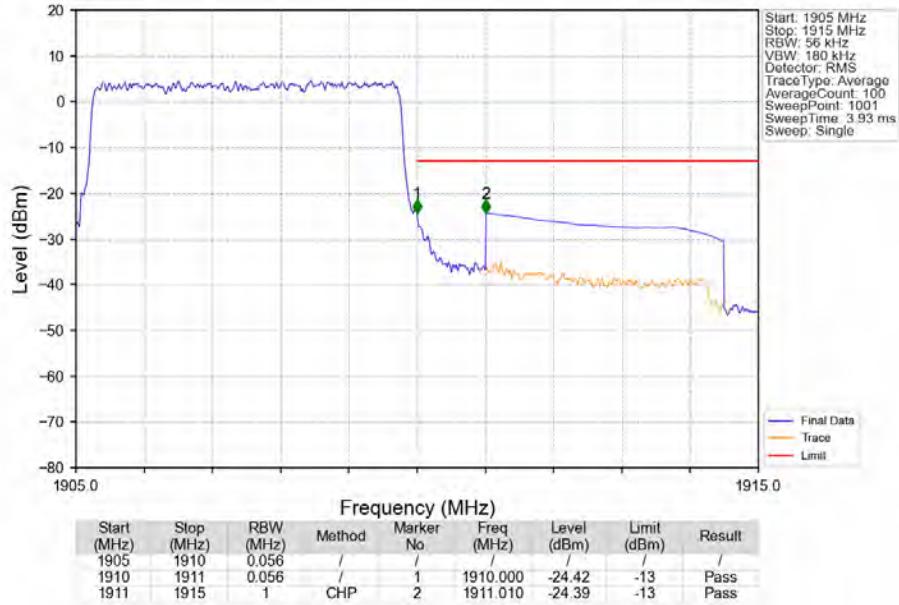
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## 6.4 B2\_10MHz

### 6.4.1 Test Result

| Band: 2 / Bandwidth: 10MHz / NTNV |                 |               |        |                     |       |
|-----------------------------------|-----------------|---------------|--------|---------------------|-------|
| Modulation                        | Frequency (MHz) | RB Allocation |        | Spurious Emission   |       |
|                                   |                 | Size          | Offset | Result              | Limit |
| QPSK                              | 1855            | 1             | 0      | Refer To Test Graph | Pass  |
|                                   |                 | 50            | 0      | Refer To Test Graph | Pass  |
|                                   | 1880            | 1             | 0      | Refer To Test Graph | Pass  |
|                                   | 1905            | 1             | 0      | Refer To Test Graph | Pass  |
|                                   |                 |               | 49     | Refer To Test Graph | Pass  |
|                                   |                 | 50            | 0      | Refer To Test Graph | Pass  |



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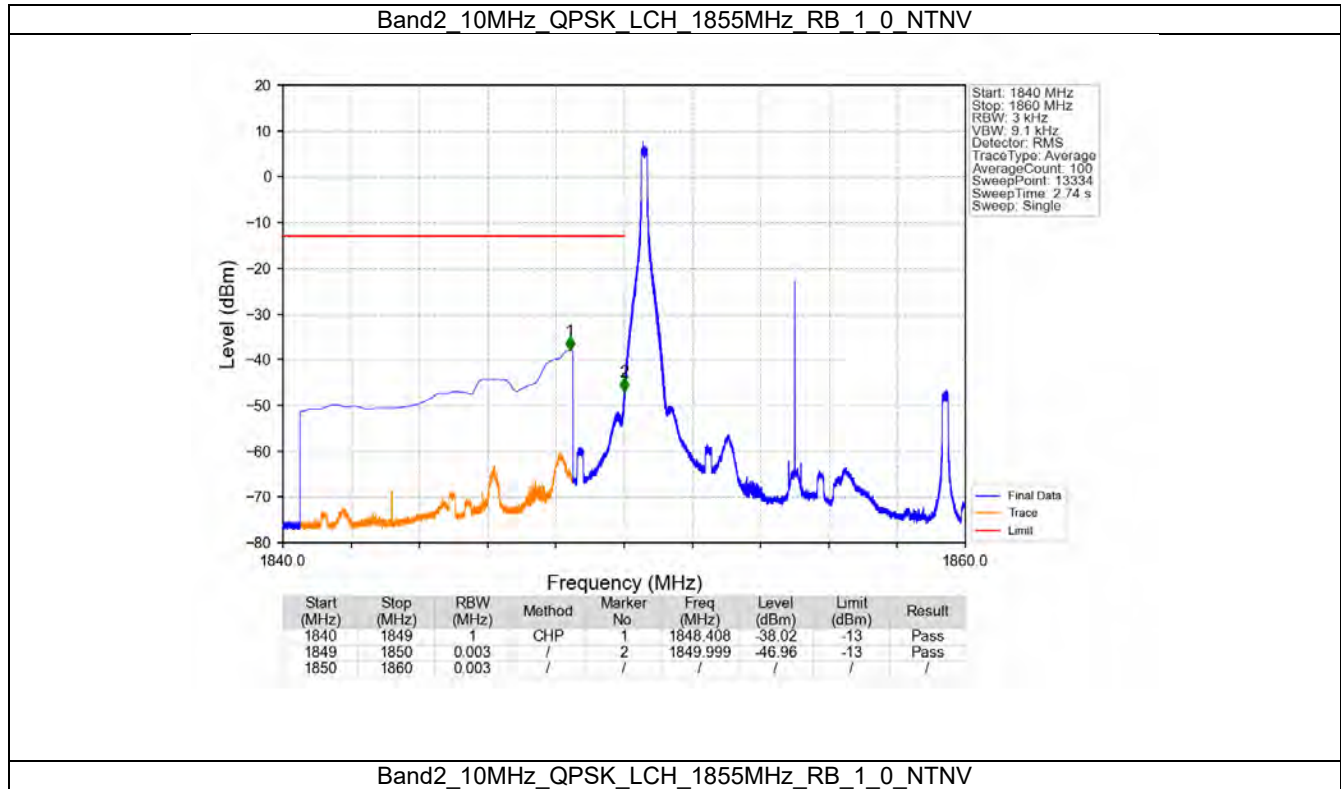
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### 6.4.2 Test Graph



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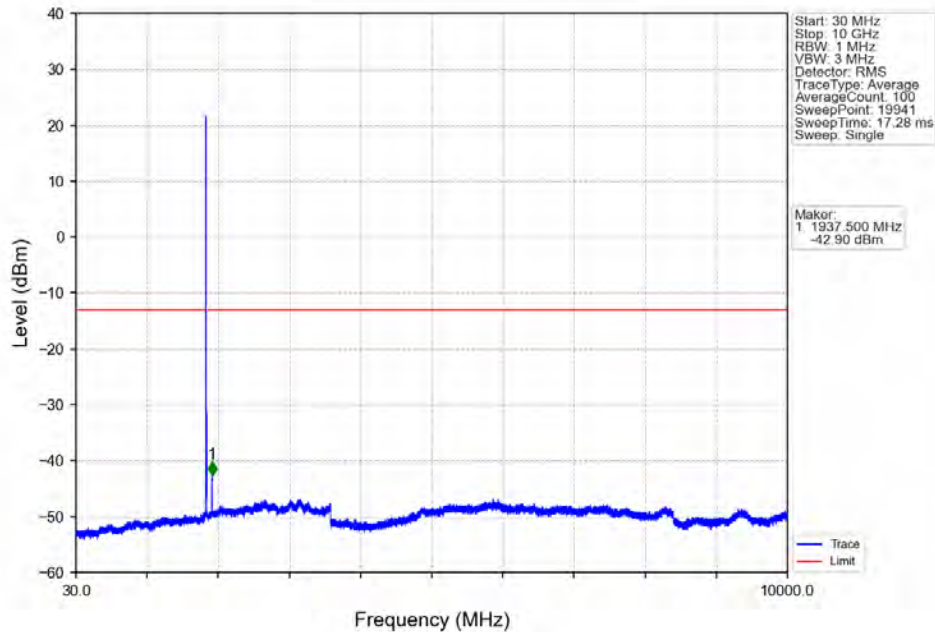
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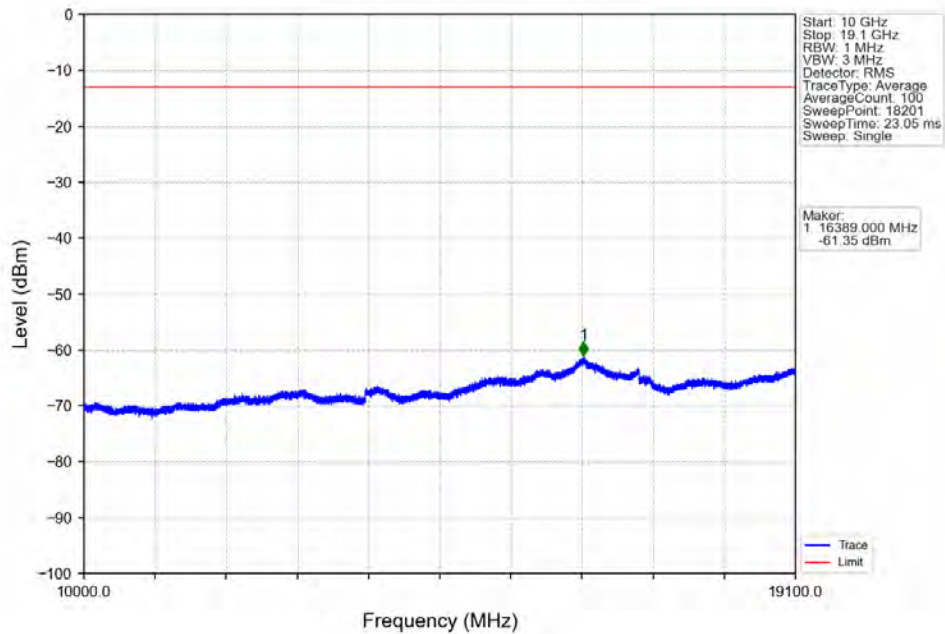


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Band2\_10MHz\_QPSK\_LCH\_1855MHz\_RB\_50\_0\_NTNV



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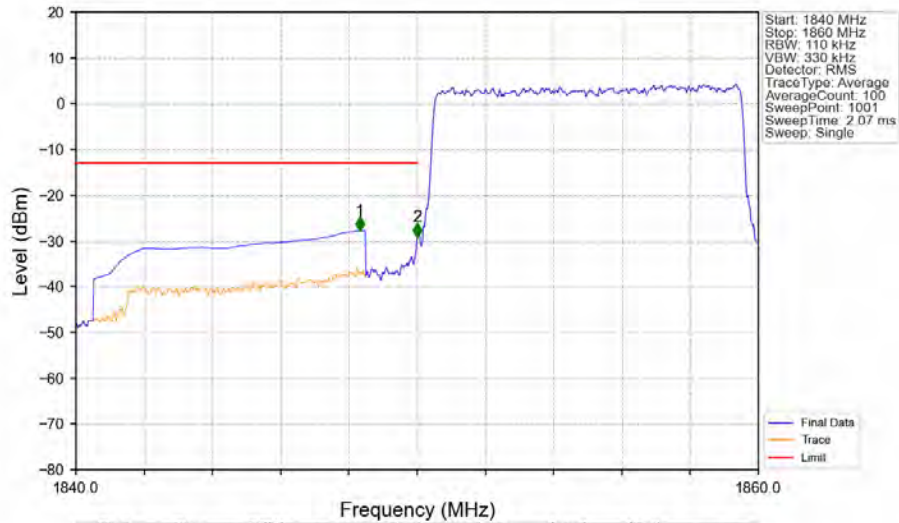
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| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|-----------|------------|-------------|-------------|--------|
| 1840        | 1849       | 0.11      | CHP    | 1         | 1848.320   | -27.79      | -13         | Pass   |
| 1849        | 1850       | 0.11      | /      | 2         | 1850.000   | -29.15      | -13         | Pass   |
| 1850        | 1860       | 0.11      | /      | /         | /          | /           | /           | /      |



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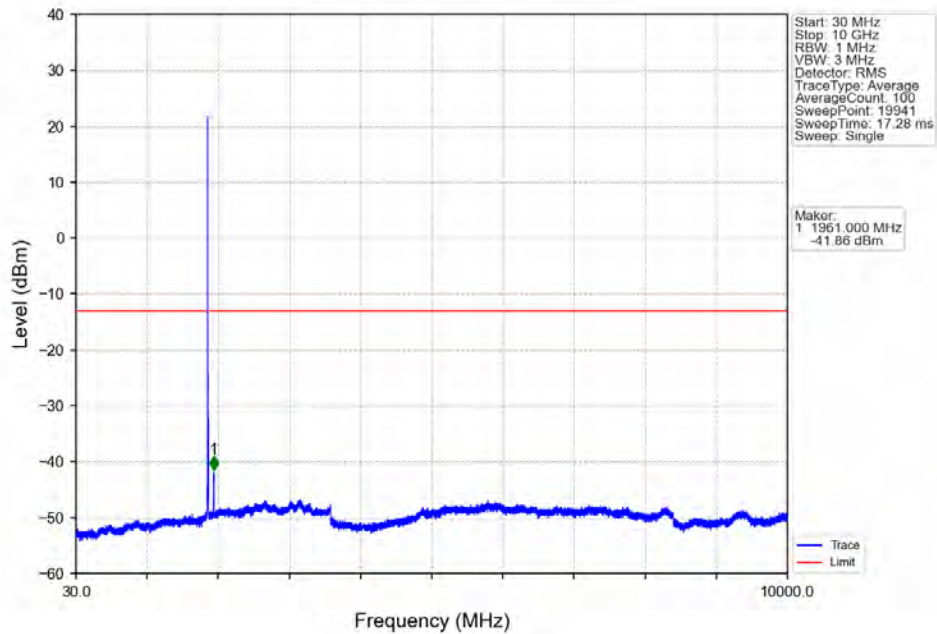
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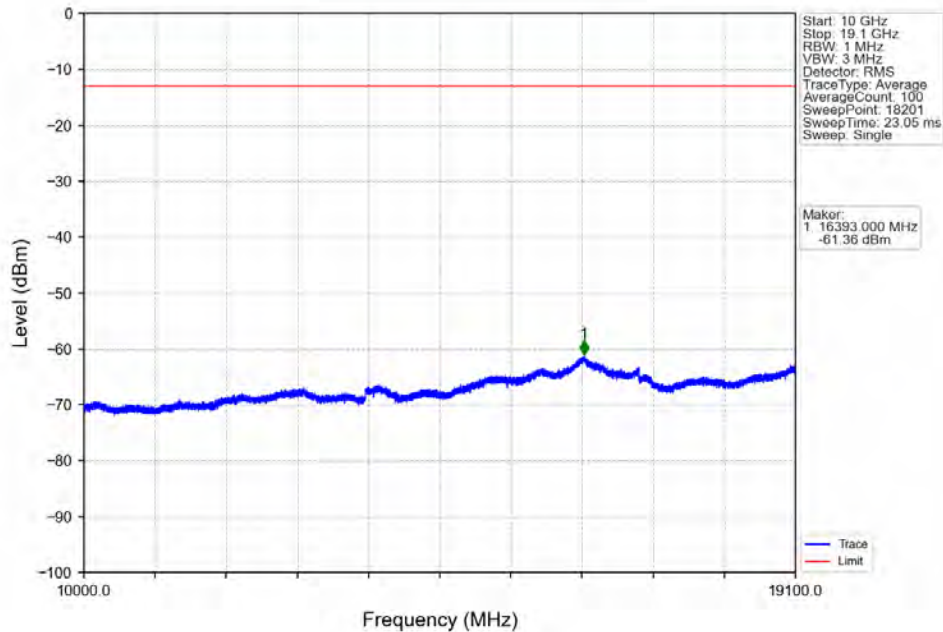
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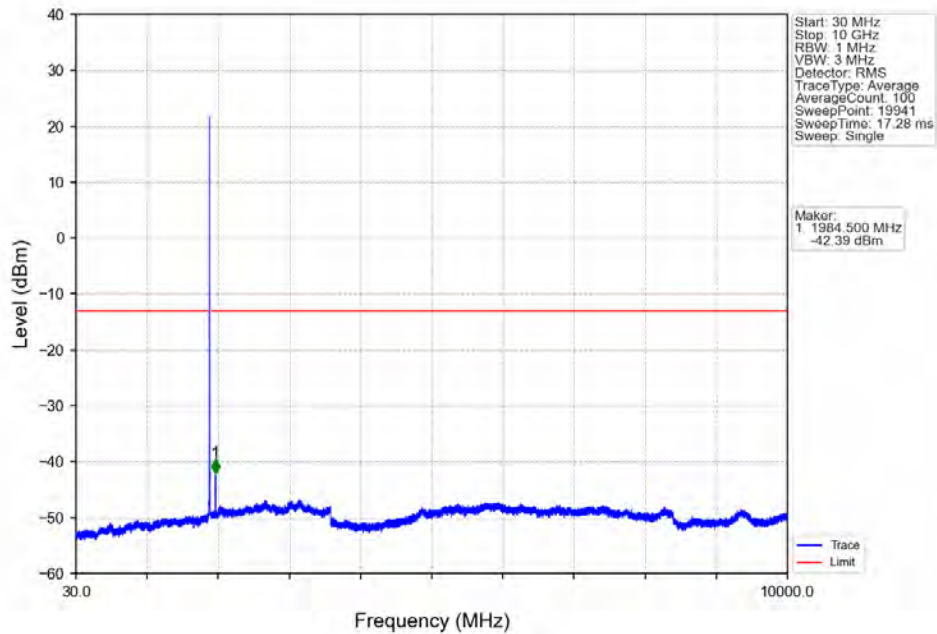


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Band2\_10MHz\_QPSK\_HCH\_1905MHz\_RB\_1\_0\_NTNV



Band2\_10MHz\_QPSK\_HCH\_1905MHz\_RB\_1\_0\_NTNV



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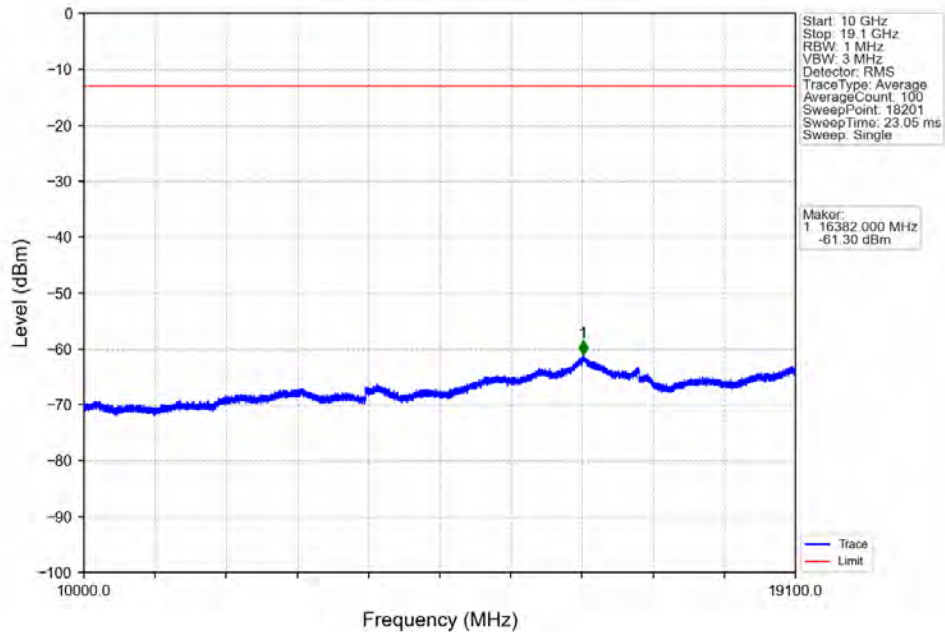
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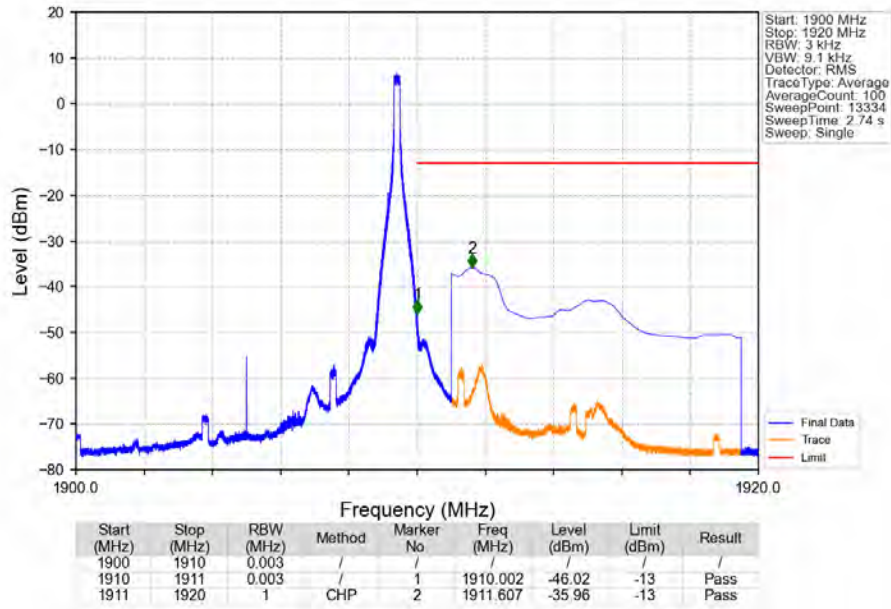
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Band2 10MHz QPSK HCH 1905MHz RB 1 49 NTN



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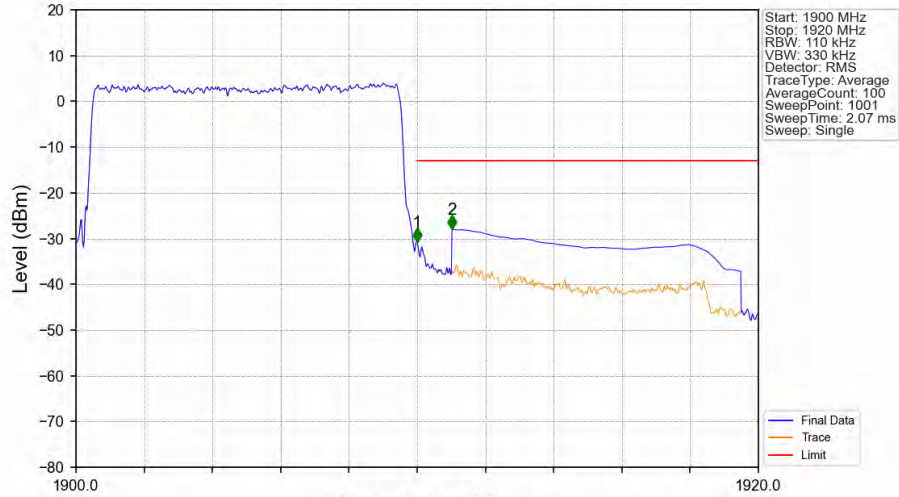
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| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 1900        | 1910       | 0.11      | /      | 1          | 1910.000   | -30.84      | -13         | Pass   |
| 1910        | 1911       | 0.11      | /      | 2          | 1911.020   | -28.02      | -13         | Pass   |
| 1911        | 1920       | 1         | CHP    |            |            |             |             |        |



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## 6.5 B2\_15MHz

### 6.5.1 Test Result

| Band: 2 / Bandwidth: 15MHz / NTNV |                 |               |        |                     |       |
|-----------------------------------|-----------------|---------------|--------|---------------------|-------|
| Modulation                        | Frequency (MHz) | RB Allocation |        | Spurious Emission   |       |
|                                   |                 | Size          | Offset | Result              | Limit |
| QPSK                              | 1857.5          | 1             | 0      | Refer To Test Graph | Pass  |
|                                   |                 | 75            | 0      | Refer To Test Graph | Pass  |
|                                   | 1880            | 1             | 0      | Refer To Test Graph | Pass  |
|                                   | 1902.5          | 1             | 0      | Refer To Test Graph | Pass  |
|                                   |                 |               | 74     | Refer To Test Graph | Pass  |
|                                   |                 | 75            | 0      | Refer To Test Graph | Pass  |



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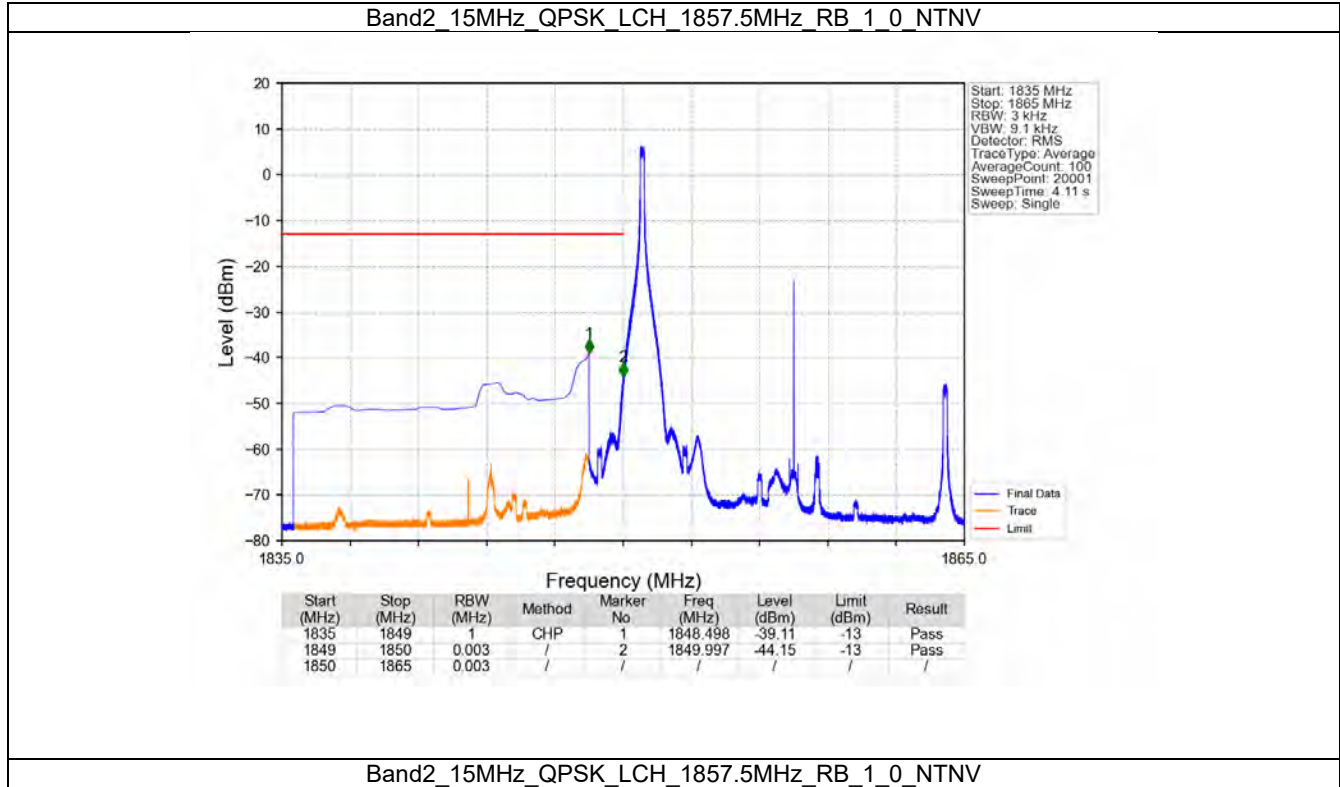
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### 6.5.2 Test Graph



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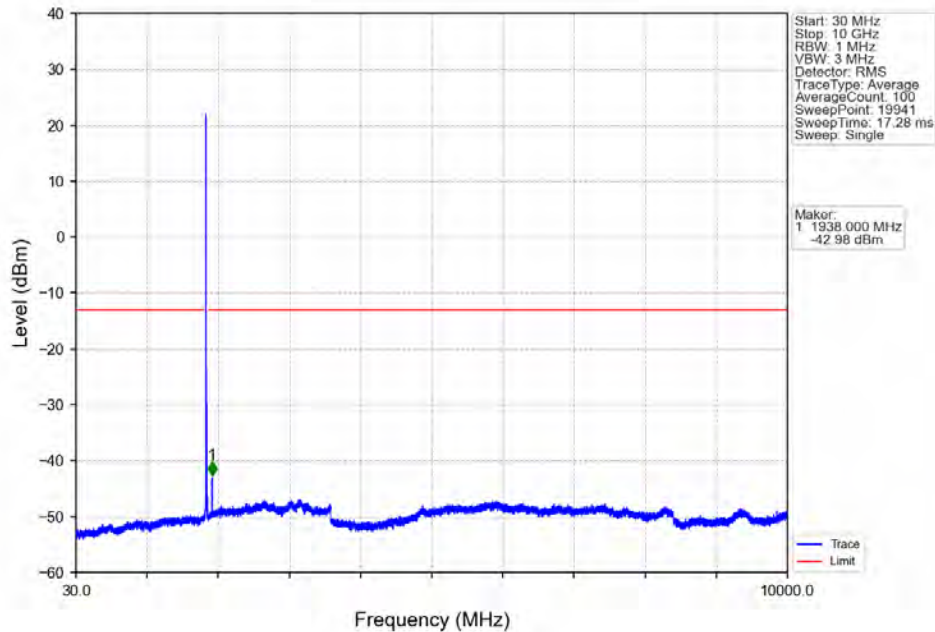
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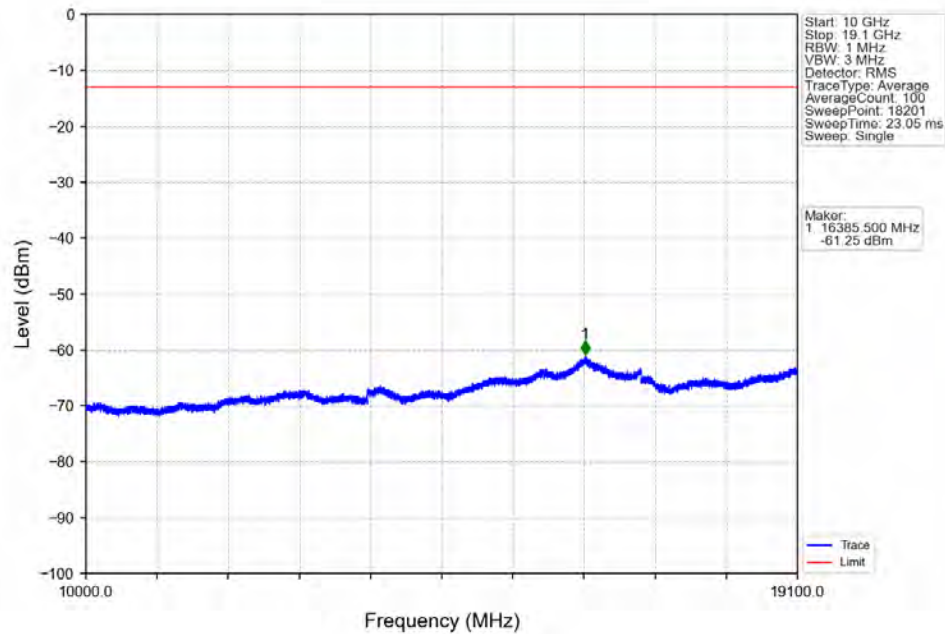
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Band2\_15MHz\_QPSK\_LCH\_1857.5MHz\_RB\_75\_0\_NTNV



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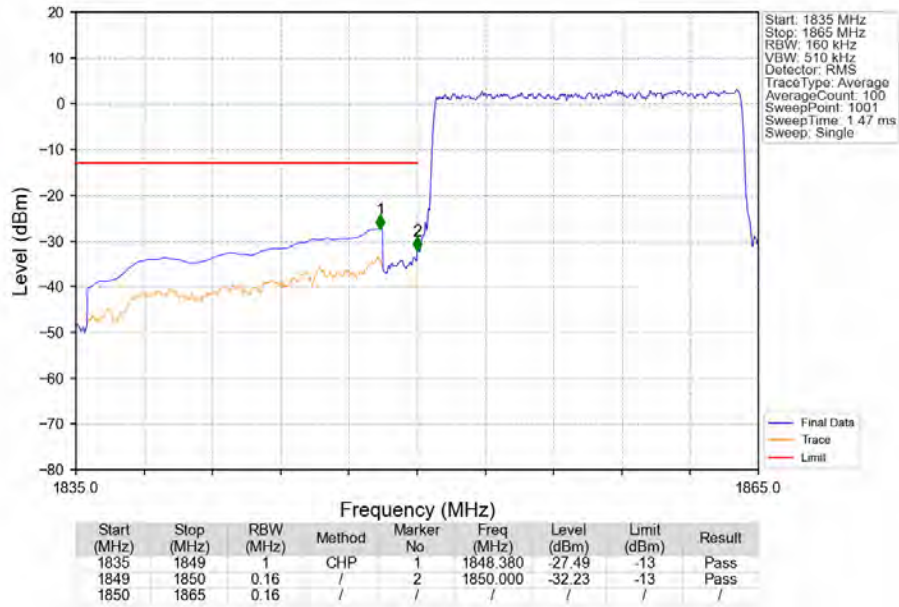
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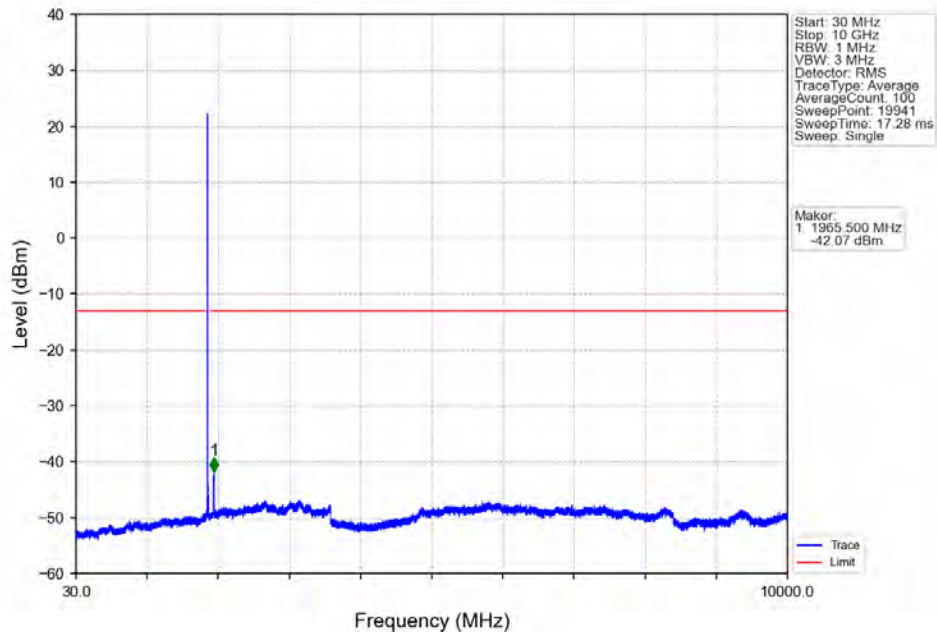
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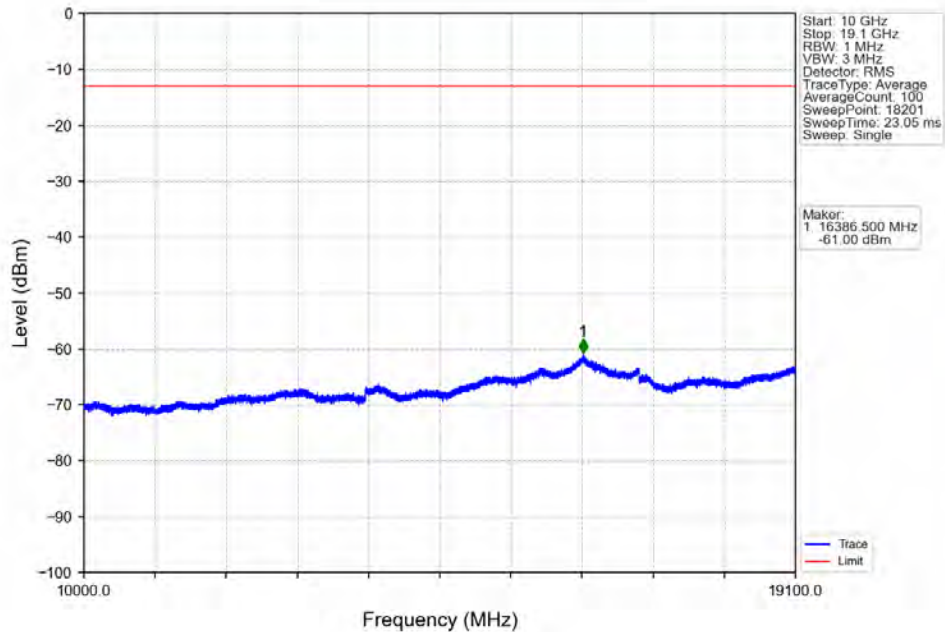
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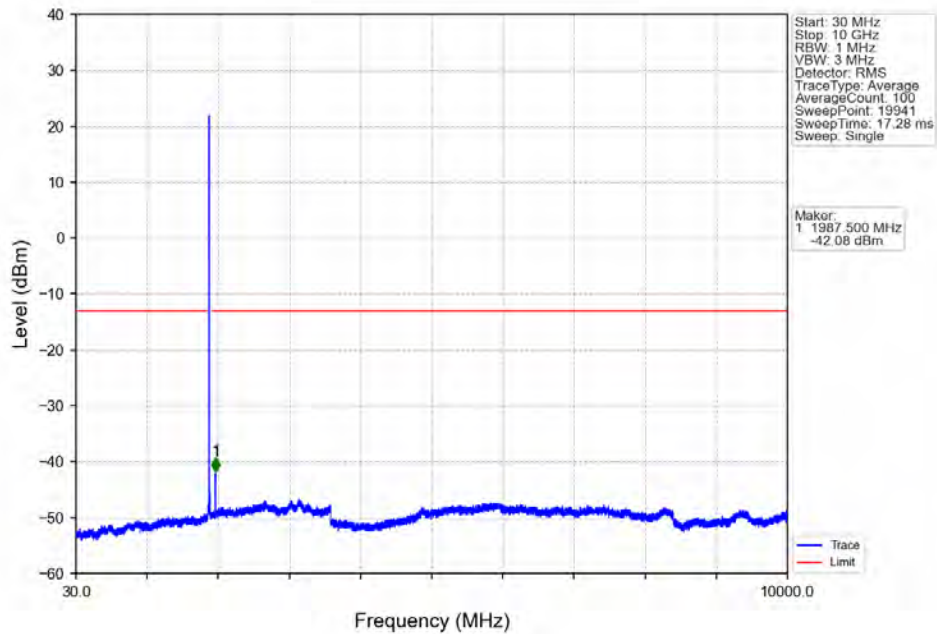
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Band2\_15MHz\_QPSK\_HCH\_1902.5MHz\_RB\_1\_0\_NTNV



Band2\_15MHz\_QPSK\_HCH\_1902.5MHz\_RB\_1\_0\_NTNV



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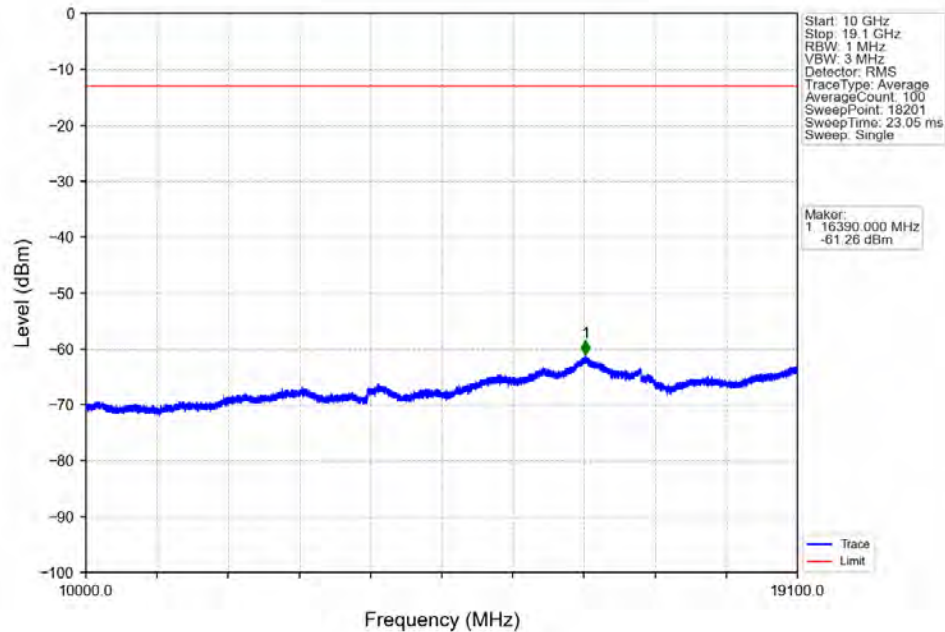
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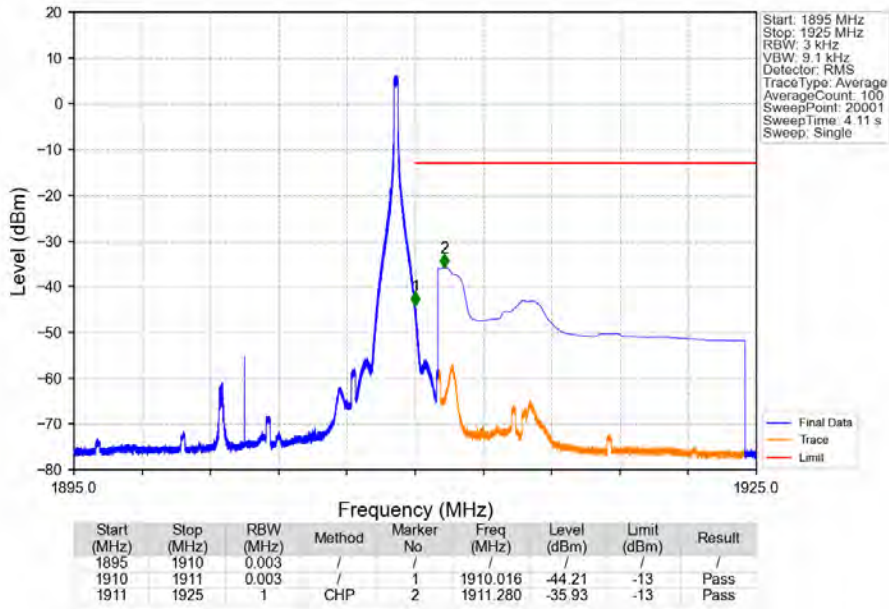
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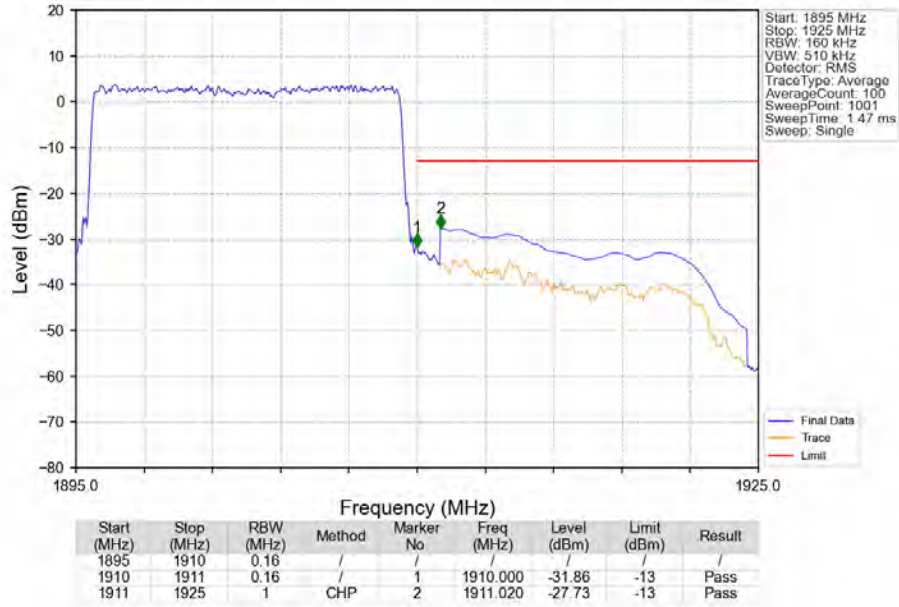
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## 6.6 B2\_20MHz

### 6.6.1 Test Result

| Band: 2 / Bandwidth: 20MHz / NTNV |                 |               |        |                     |       |         |
|-----------------------------------|-----------------|---------------|--------|---------------------|-------|---------|
| Modulation                        | Frequency (MHz) | RB Allocation |        | Spurious Emission   |       | Verdict |
|                                   |                 | Size          | Offset | Result              | Limit |         |
| QPSK                              | 1860            | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                   |                 | 100           | 0      | Refer To Test Graph |       | Pass    |
|                                   | 1880            | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                   | 1900            | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                   |                 |               | 99     | Refer To Test Graph |       | Pass    |
|                                   |                 | 100           | 0      | Refer To Test Graph |       | Pass    |



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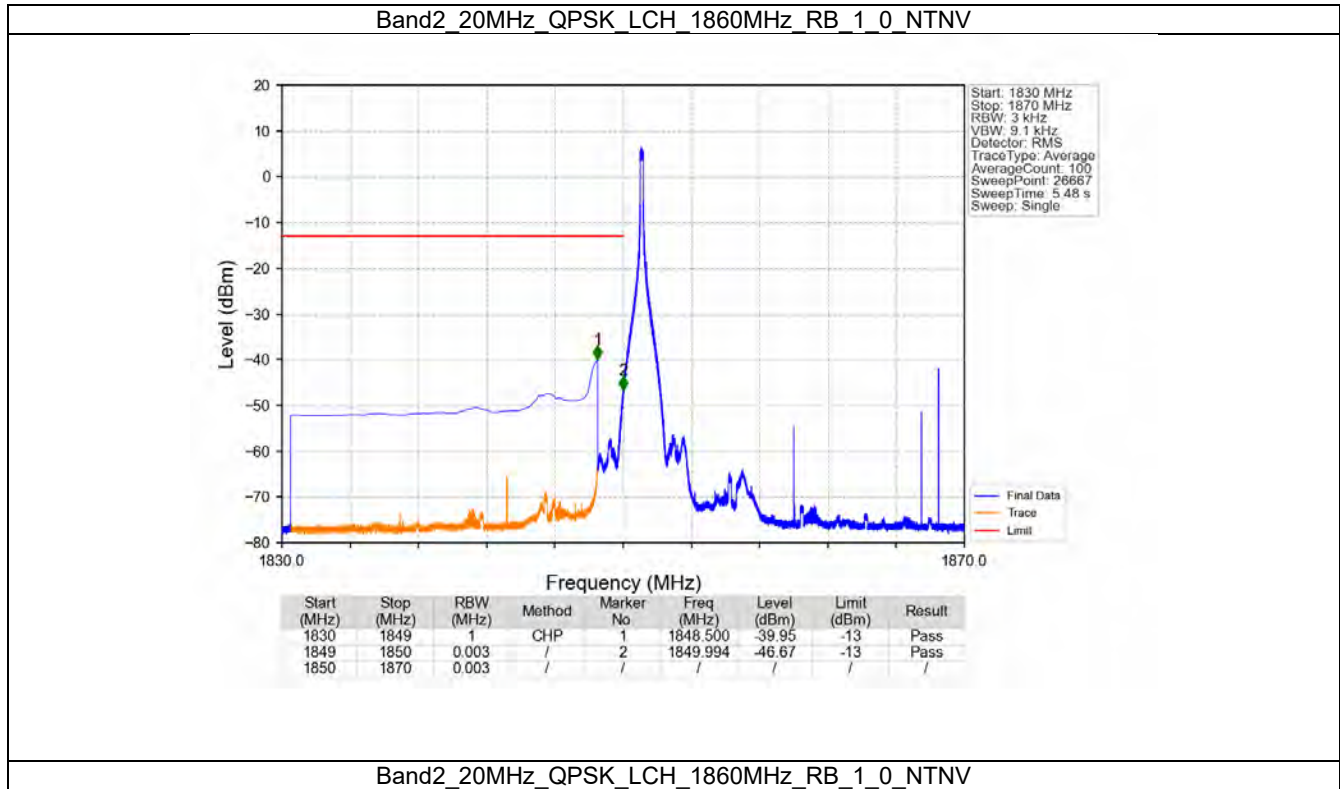


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### 6.6.2 Test Graph



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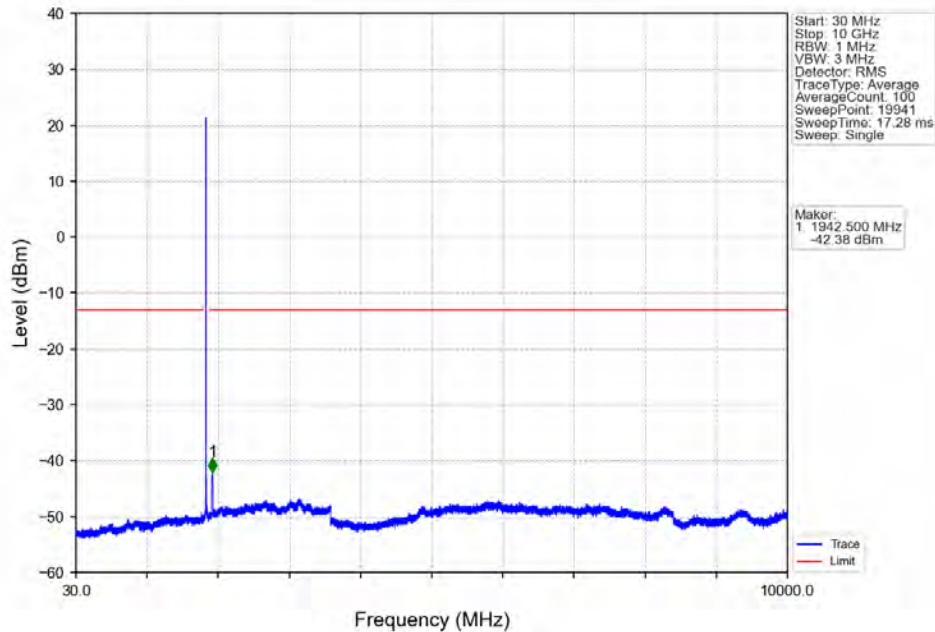
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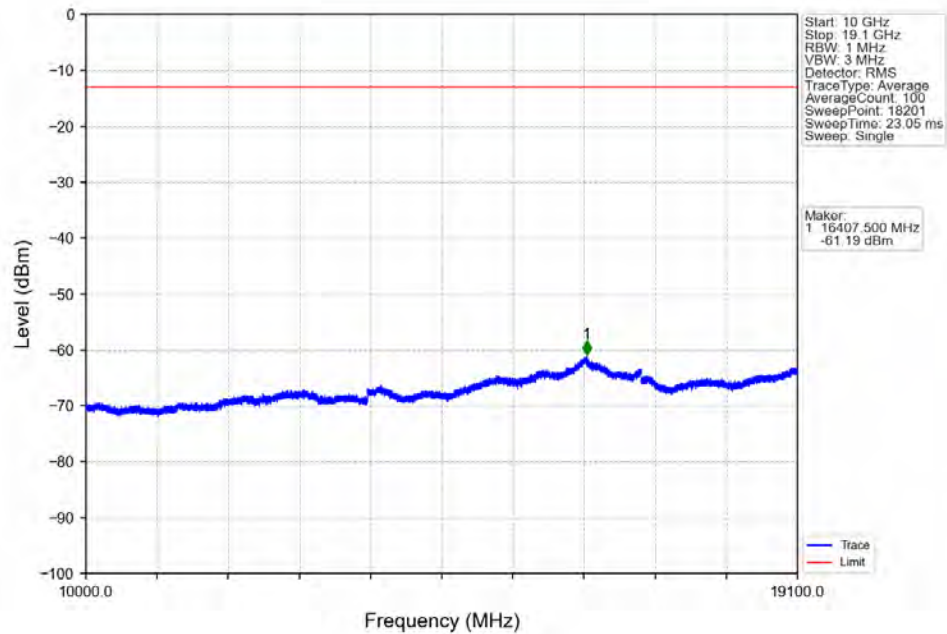
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Band2\_20MHz\_QPSK\_LCH\_1860MHz\_RB\_100\_0\_NTNV



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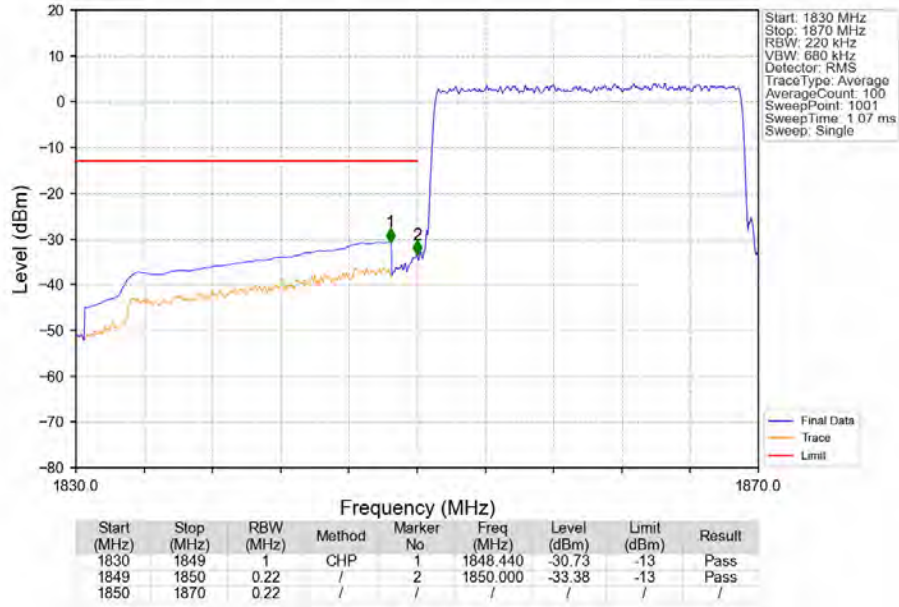
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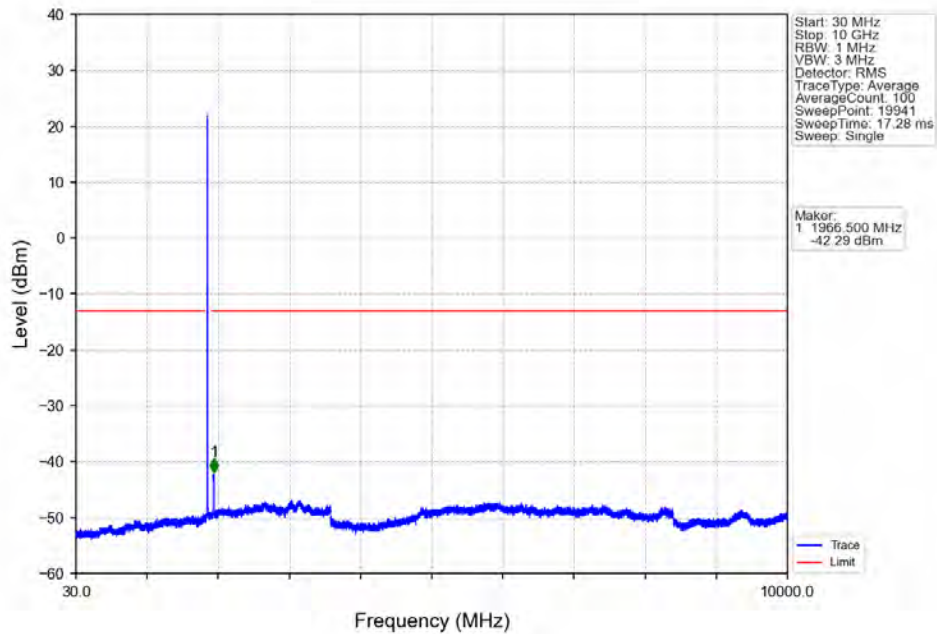


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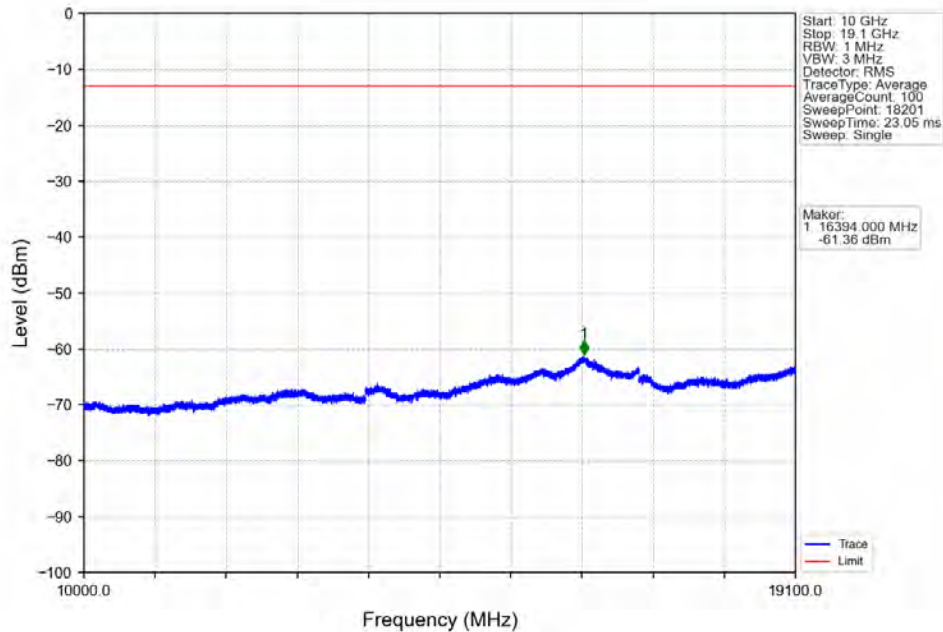
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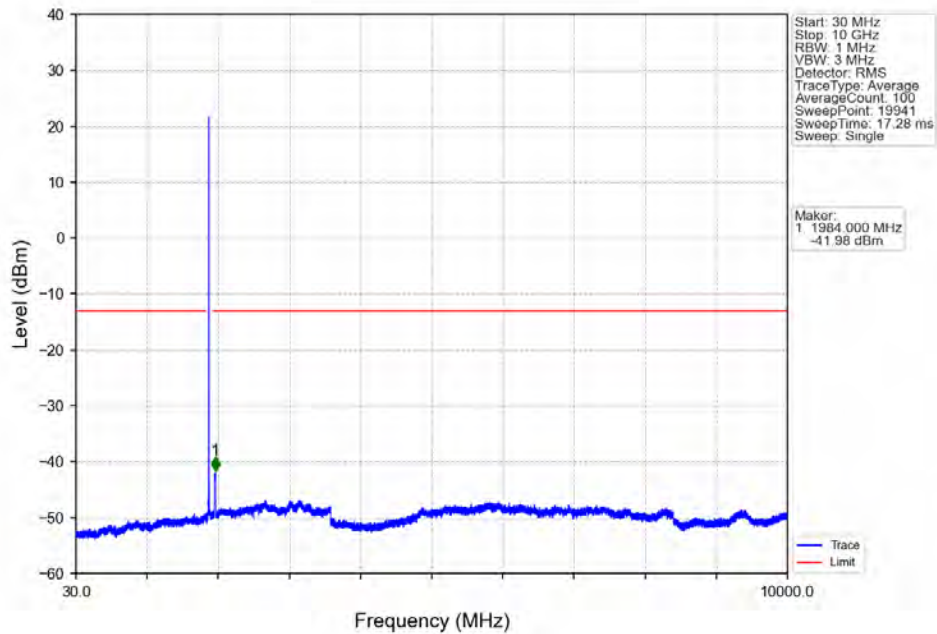
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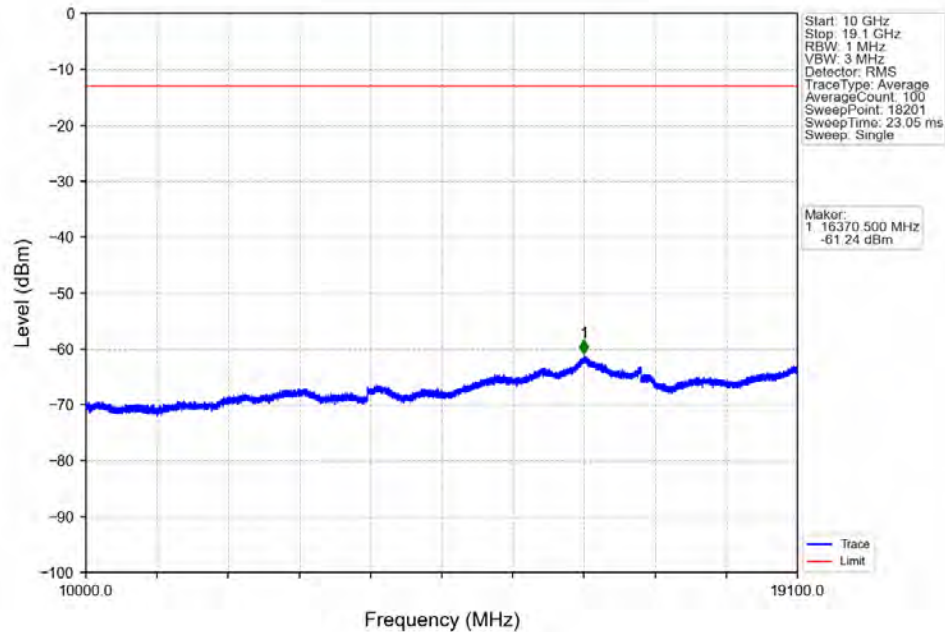
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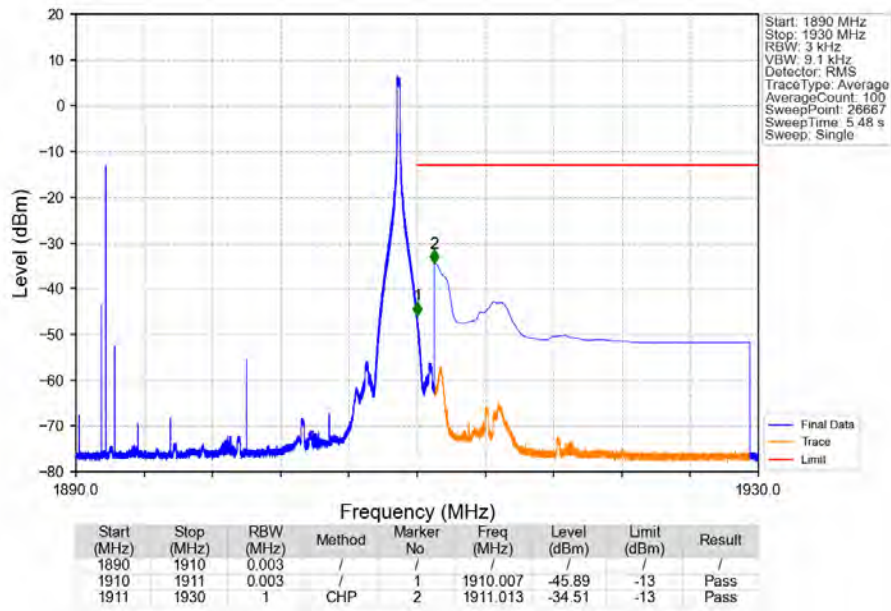


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Band2\_20MHz\_QPSK\_HCH\_1900MHz\_RB\_1\_99\_NTNV



Band2\_20MHz\_QPSK\_HCH\_1900MHz\_RB\_100\_0\_NTNV



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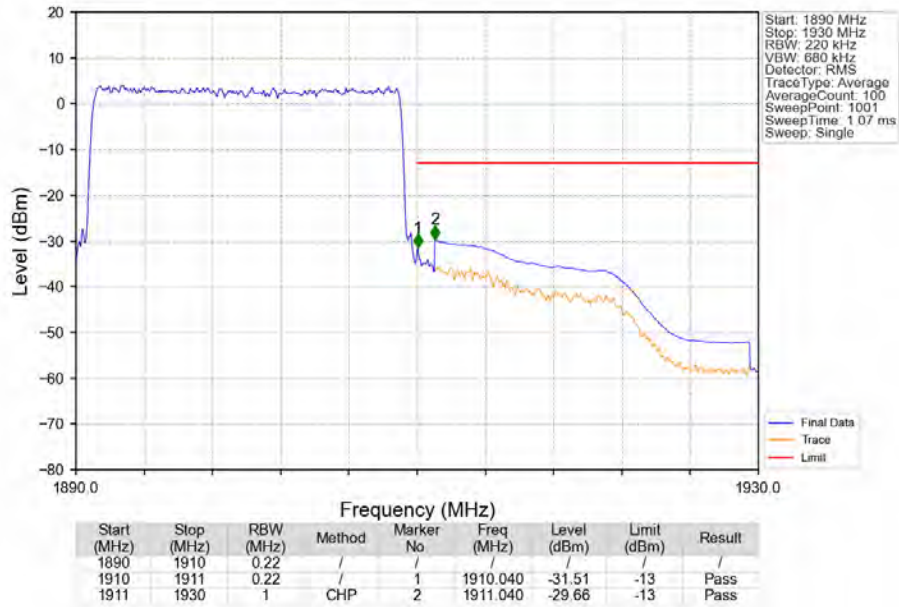
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