

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

### 1.1 Test Result

#### 1.1.1 PCS1900\_EIRP

| Band: PCS1900 |         |            |                 |                       |            |            |         |         |
|---------------|---------|------------|-----------------|-----------------------|------------|------------|---------|---------|
| ENV           | Mode    |            | Frequency (MHz) | Conducted Power (dBm) | Gain (dBi) | EIRP (dBm) |         | Verdict |
|               | Network | Subset     |                 |                       |            | Result     | Limit   |         |
| NTNV          | GSM     | GSM        | 1850.2          | 25.94                 | 2.88       | 28.82      | <=33.01 | Pass    |
|               |         |            | 1880            | 26.38                 | 2.88       | 29.26      | <=33.01 | Pass    |
|               |         |            | 1909.8          | 27.78                 | 2.88       | 30.66      | <=33.01 | Pass    |
|               | GPRS    | 1 TX Slot  | 1850.2          | 25.95                 | 2.88       | 28.83      | <=33.01 | Pass    |
|               |         | 2 TX Slots | 1850.2          | 25.23                 | 2.88       | 28.11      | <=33.01 | Pass    |
|               |         | 3 TX Slots | 1850.2          | 23.49                 | 2.88       | 26.37      | <=33.01 | Pass    |
|               |         | 4 TX Slots | 1850.2          | 22.42                 | 2.88       | 25.30      | <=33.01 | Pass    |
|               |         | 1 TX Slot  | 1880            | 26.37                 | 2.88       | 29.25      | <=33.01 | Pass    |
|               |         | 2 TX Slots | 1880            | 25.65                 | 2.88       | 28.53      | <=33.01 | Pass    |
|               |         | 3 TX Slots | 1880            | 23.83                 | 2.88       | 26.71      | <=33.01 | Pass    |
|               |         | 4 TX Slots | 1880            | 22.82                 | 2.88       | 25.70      | <=33.01 | Pass    |
|               |         | 1 TX Slot  | 1909.8          | 27.77                 | 2.88       | 30.65      | <=33.01 | Pass    |
|               |         | 2 TX Slots | 1909.8          | 27.08                 | 2.88       | 29.96      | <=33.01 | Pass    |
|               |         | 3 TX Slots | 1909.8          | 25.33                 | 2.88       | 28.21      | <=33.01 | Pass    |
|               |         | 4 TX Slots | 1909.8          | 24.27                 | 2.88       | 27.15      | <=33.01 | Pass    |
|               | EGPRS   | 1 TX Slot  | 1850.2          | 24.73                 | 2.88       | 27.61      | <=33.01 | Pass    |
|               |         | 2 TX Slots | 1850.2          | 23.73                 | 2.88       | 26.61      | <=33.01 | Pass    |
|               |         | 3 TX Slots | 1850.2          | 21.85                 | 2.88       | 24.73      | <=33.01 | Pass    |
|               |         | 4 TX Slots | 1850.2          | 20.88                 | 2.88       | 23.76      | <=33.01 | Pass    |
|               |         | 1 TX Slot  | 1880            | 24.34                 | 2.88       | 27.22      | <=33.01 | Pass    |
|               |         | 2 TX Slots | 1880            | 23.34                 | 2.88       | 26.22      | <=33.01 | Pass    |
|               |         | 3 TX Slots | 1880            | 21.37                 | 2.88       | 24.25      | <=33.01 | Pass    |
|               |         | 4 TX Slots | 1880            | 20.29                 | 2.88       | 23.17      | <=33.01 | Pass    |
|               |         | 1 TX Slot  | 1909.8          | 25.27                 | 2.88       | 28.15      | <=33.01 | Pass    |
|               |         | 2 TX Slots | 1909.8          | 25.02                 | 2.88       | 27.90      | <=33.01 | Pass    |
|               |         | 3 TX Slots | 1909.8          | 22.27                 | 2.88       | 25.15      | <=33.01 | Pass    |
|               |         | 4 TX Slots | 1909.8          | 21.11                 | 2.88       | 23.99      | <=33.01 | Pass    |

Note1: EIRP=Conducted Power+Antenna Gain

## 2. Frequency Stability

### 2.1 Test Result

#### 2.1.1 PCS1900

| Band: PCS1900 |                 |            |               |                  |                       |             |         |
|---------------|-----------------|------------|---------------|------------------|-----------------------|-------------|---------|
| Network       | Frequency (MHz) | Temp. (°C) | Voltage (VDC) | Freq. Error (Hz) | Freq. vs. Rated (ppm) |             | Verdict |
|               |                 |            |               |                  | Result                | Limit       |         |
| GSM           | 1850.2          | 20         | 3.27          | 11.009           | 0.0060                | -2.5 to 2.5 | Pass    |
|               |                 |            | 3.85          | 16.078           | 0.0087                | -2.5 to 2.5 | Pass    |
|               |                 |            | 4.43          | 16.886           | 0.0091                | -2.5 to 2.5 | Pass    |
|               |                 | -30        | 3.85          | 20.760           | 0.0112                | -2.5 to 2.5 | Pass    |
|               |                 | -20        | 3.85          | 14.496           | 0.0078                | -2.5 to 2.5 | Pass    |
|               |                 | -10        | 3.85          | 16.466           | 0.0089                | -2.5 to 2.5 | Pass    |
|               |                 | 0          | 3.85          | 15.400           | 0.0083                | -2.5 to 2.5 | Pass    |
|               |                 | 10         | 3.85          | 8.523            | 0.0046                | -2.5 to 2.5 | Pass    |

|       |        |     |      |        |        |             |      |
|-------|--------|-----|------|--------|--------|-------------|------|
|       |        | 30  | 3.85 | 10.880 | 0.0059 | -2.5 to 2.5 | Pass |
|       |        | 40  | 3.85 | 10.461 | 0.0057 | -2.5 to 2.5 | Pass |
|       |        | 50  | 3.85 | 13.334 | 0.0072 | -2.5 to 2.5 | Pass |
|       | 1880   | 20  | 3.27 | 21.373 | 0.0114 | -2.5 to 2.5 | Pass |
|       |        |     | 3.85 | 22.665 | 0.0121 | -2.5 to 2.5 | Pass |
|       |        |     | 4.43 | 19.242 | 0.0102 | -2.5 to 2.5 | Pass |
|       |        | -30 | 3.85 | 21.244 | 0.0113 | -2.5 to 2.5 | Pass |
|       |        | -20 | 3.85 | 23.633 | 0.0126 | -2.5 to 2.5 | Pass |
|       |        | -10 | 3.85 | 21.567 | 0.0115 | -2.5 to 2.5 | Pass |
|       |        | 0   | 3.85 | 23.698 | 0.0126 | -2.5 to 2.5 | Pass |
|       |        | 10  | 3.85 | 23.343 | 0.0124 | -2.5 to 2.5 | Pass |
|       |        | 30  | 3.85 | 18.209 | 0.0097 | -2.5 to 2.5 | Pass |
|       |        | 40  | 3.85 | 17.467 | 0.0093 | -2.5 to 2.5 | Pass |
|       |        | 50  | 3.85 | 20.889 | 0.0111 | -2.5 to 2.5 | Pass |
|       | 1909.8 | 20  | 3.27 | 17.047 | 0.0089 | -2.5 to 2.5 | Pass |
|       |        |     | 3.85 | 18.758 | 0.0098 | -2.5 to 2.5 | Pass |
|       |        |     | 4.43 | 17.596 | 0.0092 | -2.5 to 2.5 | Pass |
|       |        | -30 | 3.85 | 16.692 | 0.0087 | -2.5 to 2.5 | Pass |
|       |        | -20 | 3.85 | 18.920 | 0.0099 | -2.5 to 2.5 | Pass |
|       |        | -10 | 3.85 | 16.982 | 0.0089 | -2.5 to 2.5 | Pass |
|       |        | 0   | 3.85 | 12.462 | 0.0065 | -2.5 to 2.5 | Pass |
|       |        | 10  | 3.85 | 15.562 | 0.0081 | -2.5 to 2.5 | Pass |
|       |        | 30  | 3.85 | 11.074 | 0.0058 | -2.5 to 2.5 | Pass |
|       |        | 40  | 3.85 | 16.498 | 0.0086 | -2.5 to 2.5 | Pass |
|       |        | 50  | 3.85 | 11.817 | 0.0062 | -2.5 to 2.5 | Pass |
| GPRS  | 1850.2 | 20  | 3.27 | 18.145 | 0.0098 | -2.5 to 2.5 | Pass |
|       |        |     | 3.85 | 18.920 | 0.0102 | -2.5 to 2.5 | Pass |
|       |        |     | 4.43 | 15.982 | 0.0086 | -2.5 to 2.5 | Pass |
|       |        | -30 | 3.85 | 14.496 | 0.0078 | -2.5 to 2.5 | Pass |
|       |        | -20 | 3.85 | 20.954 | 0.0113 | -2.5 to 2.5 | Pass |
|       |        | -10 | 3.85 | 16.660 | 0.0090 | -2.5 to 2.5 | Pass |
|       |        | 0   | 3.85 | 20.146 | 0.0109 | -2.5 to 2.5 | Pass |
|       |        | 10  | 3.85 | 32.512 | 0.0176 | -2.5 to 2.5 | Pass |
|       |        | 30  | 3.85 | 29.412 | 0.0159 | -2.5 to 2.5 | Pass |
|       |        | 40  | 3.85 | 27.120 | 0.0147 | -2.5 to 2.5 | Pass |
|       |        | 50  | 3.85 | 25.377 | 0.0137 | -2.5 to 2.5 | Pass |
|       | 1880   | 20  | 3.27 | 19.404 | 0.0103 | -2.5 to 2.5 | Pass |
|       |        |     | 3.85 | 19.953 | 0.0106 | -2.5 to 2.5 | Pass |
|       |        |     | 4.43 | 16.337 | 0.0087 | -2.5 to 2.5 | Pass |
|       |        | -30 | 3.85 | 19.533 | 0.0104 | -2.5 to 2.5 | Pass |
|       |        | -20 | 3.85 | 12.010 | 0.0064 | -2.5 to 2.5 | Pass |
|       |        | -10 | 3.85 | 16.369 | 0.0087 | -2.5 to 2.5 | Pass |
|       |        | 0   | 3.85 | 14.044 | 0.0075 | -2.5 to 2.5 | Pass |
|       |        | 10  | 3.85 | 19.468 | 0.0104 | -2.5 to 2.5 | Pass |
|       |        | 30  | 3.85 | 32.480 | 0.0173 | -2.5 to 2.5 | Pass |
|       |        | 40  | 3.85 | 28.089 | 0.0149 | -2.5 to 2.5 | Pass |
|       |        | 50  | 3.85 | 26.345 | 0.0140 | -2.5 to 2.5 | Pass |
|       | 1909.8 | 20  | 3.27 | 13.657 | 0.0072 | -2.5 to 2.5 | Pass |
|       |        |     | 3.85 | 14.593 | 0.0076 | -2.5 to 2.5 | Pass |
|       |        |     | 4.43 | 10.525 | 0.0055 | -2.5 to 2.5 | Pass |
|       |        | -30 | 3.85 | 13.592 | 0.0071 | -2.5 to 2.5 | Pass |
|       |        | -20 | 3.85 | 13.076 | 0.0068 | -2.5 to 2.5 | Pass |
|       |        | -10 | 3.85 | 16.853 | 0.0088 | -2.5 to 2.5 | Pass |
|       |        | 0   | 3.85 | 15.982 | 0.0084 | -2.5 to 2.5 | Pass |
|       |        | 10  | 3.85 | 20.824 | 0.0109 | -2.5 to 2.5 | Pass |
|       |        | 30  | 3.85 | 23.666 | 0.0124 | -2.5 to 2.5 | Pass |
|       |        | 40  | 3.85 | 27.701 | 0.0145 | -2.5 to 2.5 | Pass |
|       |        | 50  | 3.85 | 20.146 | 0.0105 | -2.5 to 2.5 | Pass |
| EGPRS | 1850.2 | 20  | 3.27 | 8.814  | 0.0048 | -2.5 to 2.5 | Pass |

|  |        |     |      |        |        |             |      |
|--|--------|-----|------|--------|--------|-------------|------|
|  |        |     | 3.85 | 3.519  | 0.0019 | -2.5 to 2.5 | Pass |
|  |        |     | 4.43 | 11.139 | 0.0060 | -2.5 to 2.5 | Pass |
|  |        | -30 | 3.85 | 8.168  | 0.0044 | -2.5 to 2.5 | Pass |
|  |        | -20 | 3.85 | 5.166  | 0.0028 | -2.5 to 2.5 | Pass |
|  |        | -10 | 3.85 | 6.393  | 0.0035 | -2.5 to 2.5 | Pass |
|  |        | 0   | 3.85 | 9.201  | 0.0050 | -2.5 to 2.5 | Pass |
|  |        | 10  | 3.85 | 11.687 | 0.0063 | -2.5 to 2.5 | Pass |
|  |        | 30  | 3.85 | 13.818 | 0.0075 | -2.5 to 2.5 | Pass |
|  |        | 40  | 3.85 | 16.756 | 0.0091 | -2.5 to 2.5 | Pass |
|  |        | 50  | 3.85 | 10.654 | 0.0058 | -2.5 to 2.5 | Pass |
|  | 1880   | 20  | 3.27 | 3.455  | 0.0018 | -2.5 to 2.5 | Pass |
|  |        |     | 3.85 | 2.486  | 0.0013 | -2.5 to 2.5 | Pass |
|  |        |     | 4.43 | 0.613  | 0.0003 | -2.5 to 2.5 | Pass |
|  |        | -30 | 3.85 | 1.453  | 0.0008 | -2.5 to 2.5 | Pass |
|  |        | -20 | 3.85 | 2.647  | 0.0014 | -2.5 to 2.5 | Pass |
|  |        | -10 | 3.85 | 4.326  | 0.0023 | -2.5 to 2.5 | Pass |
|  |        | 0   | 3.85 | 2.680  | 0.0014 | -2.5 to 2.5 | Pass |
|  |        | 10  | 3.85 | 11.978 | 0.0064 | -2.5 to 2.5 | Pass |
|  |        | 30  | 3.85 | 13.043 | 0.0069 | -2.5 to 2.5 | Pass |
|  |        | 40  | 3.85 | 14.238 | 0.0076 | -2.5 to 2.5 | Pass |
|  |        | 50  | 3.85 | 14.787 | 0.0079 | -2.5 to 2.5 | Pass |
|  | 1909.8 | 20  | 3.27 | 4.714  | 0.0025 | -2.5 to 2.5 | Pass |
|  |        |     | 3.85 | 1.776  | 0.0009 | -2.5 to 2.5 | Pass |
|  |        |     | 4.43 | 2.389  | 0.0013 | -2.5 to 2.5 | Pass |
|  |        | -30 | 3.85 | 3.874  | 0.0020 | -2.5 to 2.5 | Pass |
|  |        | -20 | 3.85 | 2.454  | 0.0013 | -2.5 to 2.5 | Pass |
|  |        | -10 | 3.85 | 1.550  | 0.0008 | -2.5 to 2.5 | Pass |
|  |        | 0   | 3.85 | 1.550  | 0.0008 | -2.5 to 2.5 | Pass |
|  |        | 10  | 3.85 | 5.069  | 0.0027 | -2.5 to 2.5 | Pass |
|  |        | 30  | 3.85 | 4.843  | 0.0025 | -2.5 to 2.5 | Pass |
|  |        | 40  | 3.85 | 13.269 | 0.0069 | -2.5 to 2.5 | Pass |
|  |        | 50  | 3.85 | 5.682  | 0.0030 | -2.5 to 2.5 | Pass |

### 3. Modulation Characteristics

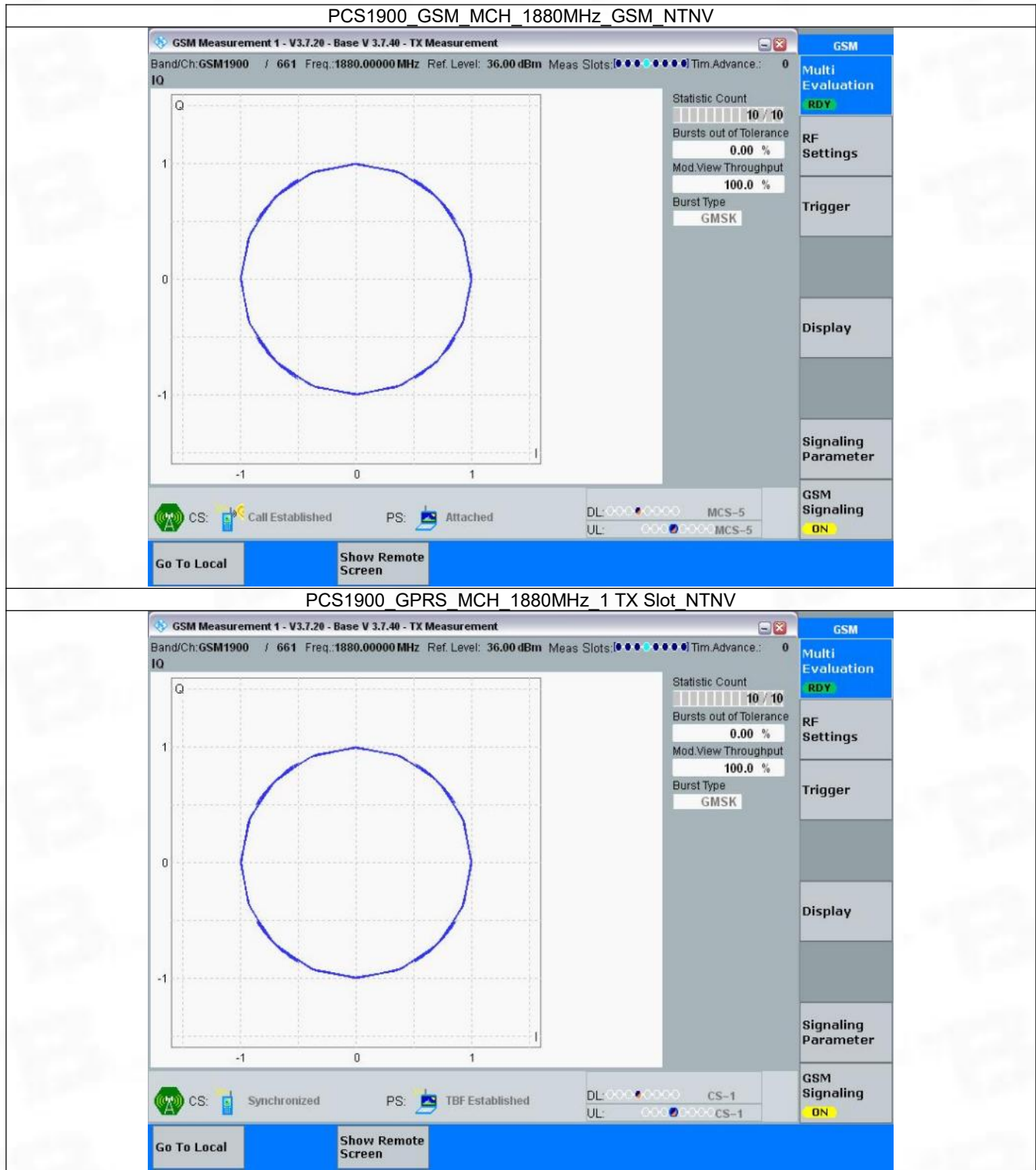
#### 3.1 Test Result

##### 3.1.1 PCS1900

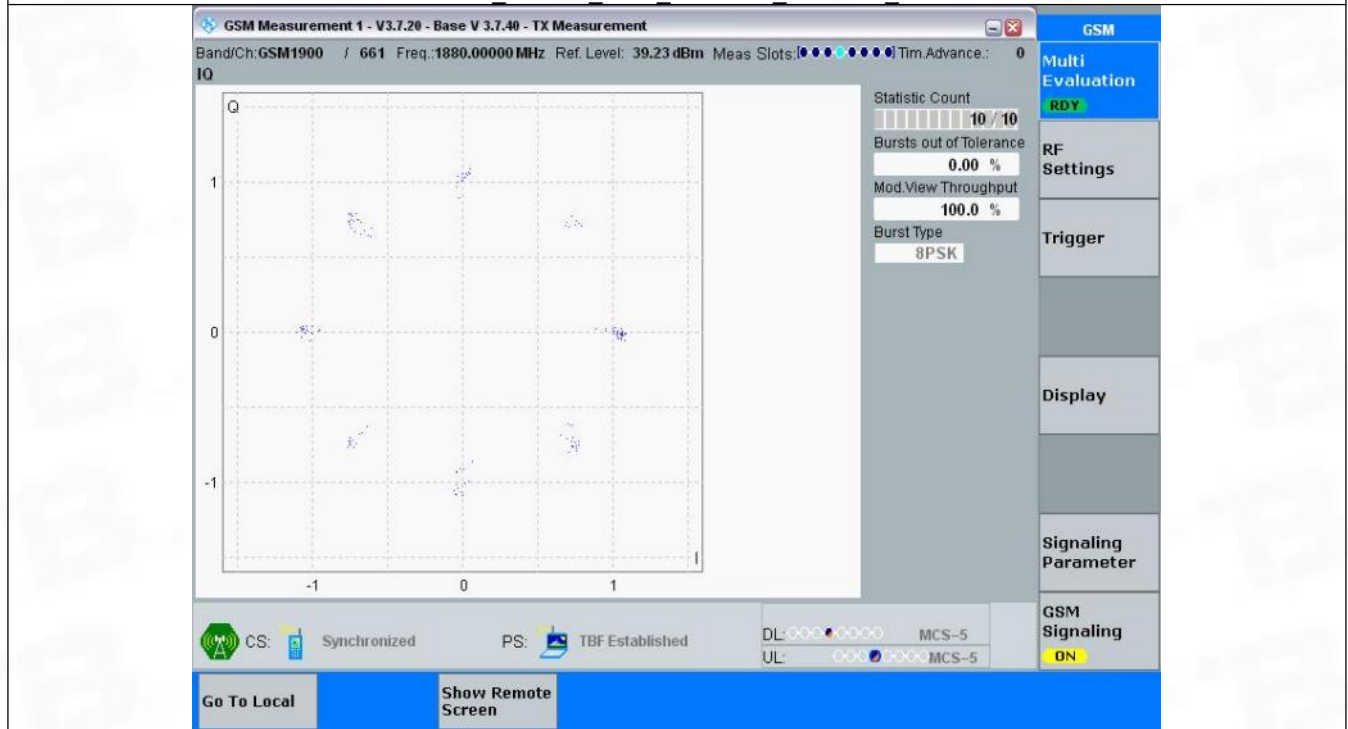
| Band: PCS1900 |         |           |                 |                            |       |         |
|---------------|---------|-----------|-----------------|----------------------------|-------|---------|
| ENV           | Mode    |           | Frequency (MHz) | Modulation Characteristics |       | Verdict |
|               | Network | Subset    |                 | Result                     | Limit |         |
| NTNV          | GSM     | GSM       | 1880            | Refer To Test Graph        |       | Pass    |
|               | GPRS    | 1 TX Slot | 1880            | Refer To Test Graph        |       | Pass    |
|               | EGPRS   | 1 TX Slot | 1880            | Refer To Test Graph        |       | Pass    |

## 3.2 Test Graph

### 3.2.1 PCS1900



## PCS1900 EGPRS MCH\_1880MHz 1 TX Slot NTN



## 4. 99% & 26dB Bandwidth

### 4.1 Test Result

#### 4.1.1 PCS1900\_OBW

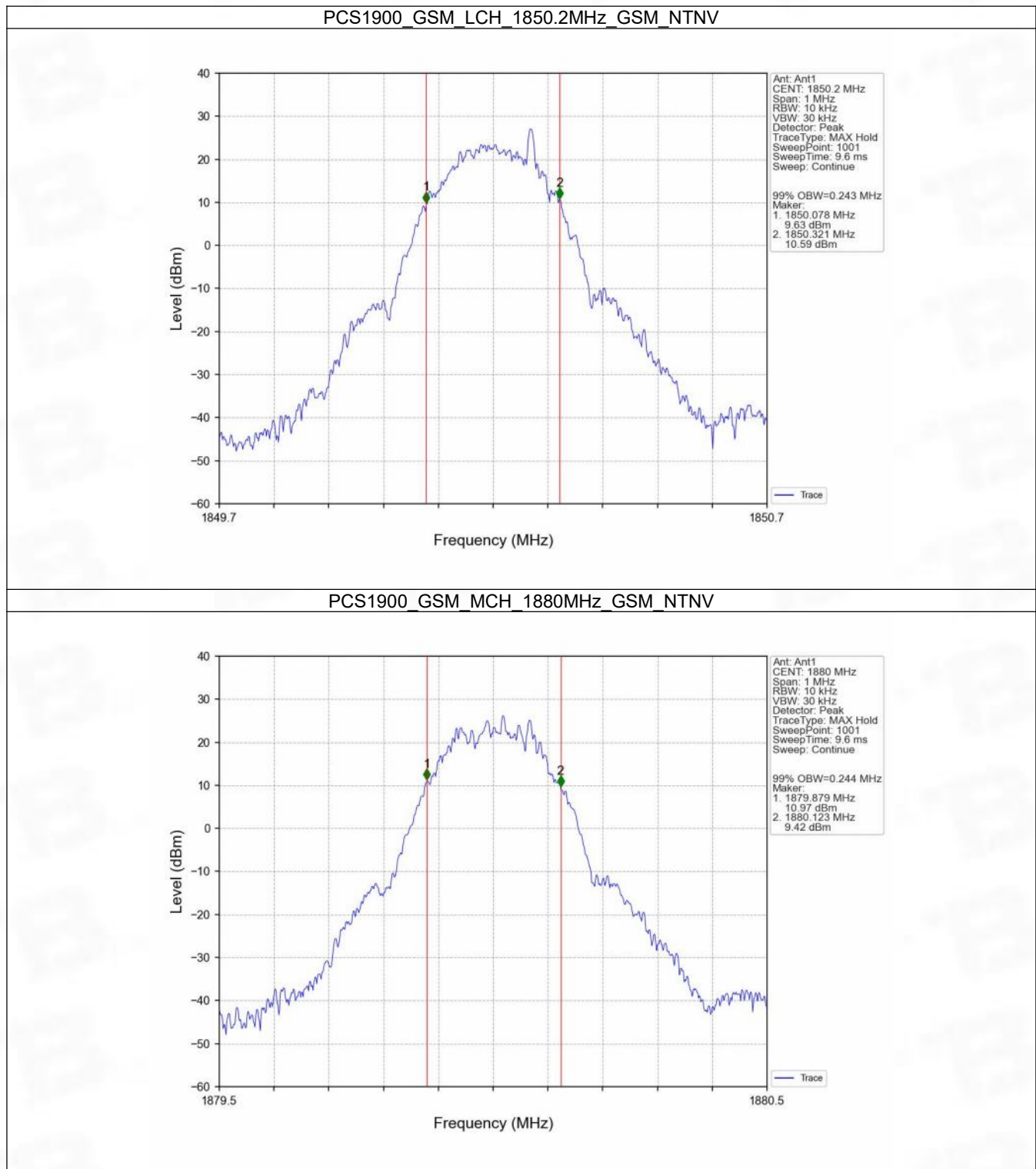
| Band: PCS1900 |         |           |                 |                              |       |         |
|---------------|---------|-----------|-----------------|------------------------------|-------|---------|
| ENV           | Mode    |           | Frequency (MHz) | 99% Occupied Bandwidth (MHz) |       | Verdict |
|               | Network | Subset    |                 | Result                       | Limit |         |
| NTNV          | GSM     | GSM       | 1850.2          | 0.243                        | /     | Pass    |
|               |         |           | 1880            | 0.244                        | /     | Pass    |
|               |         |           | 1909.8          | 0.247                        | /     | Pass    |
|               | GPRS    | 1 TX Slot | 1850.2          | 0.246                        | /     | Pass    |
|               |         |           | 1880            | 0.249                        | /     | Pass    |
|               |         |           | 1909.8          | 0.247                        | /     | Pass    |
|               | EGPRS   | 1 TX Slot | 1850.2          | 0.252                        | /     | Pass    |
|               |         |           | 1880            | 0.255                        | /     | Pass    |
|               |         |           | 1909.8          | 0.247                        | /     | Pass    |

#### 4.1.2 PCS1900\_XDB

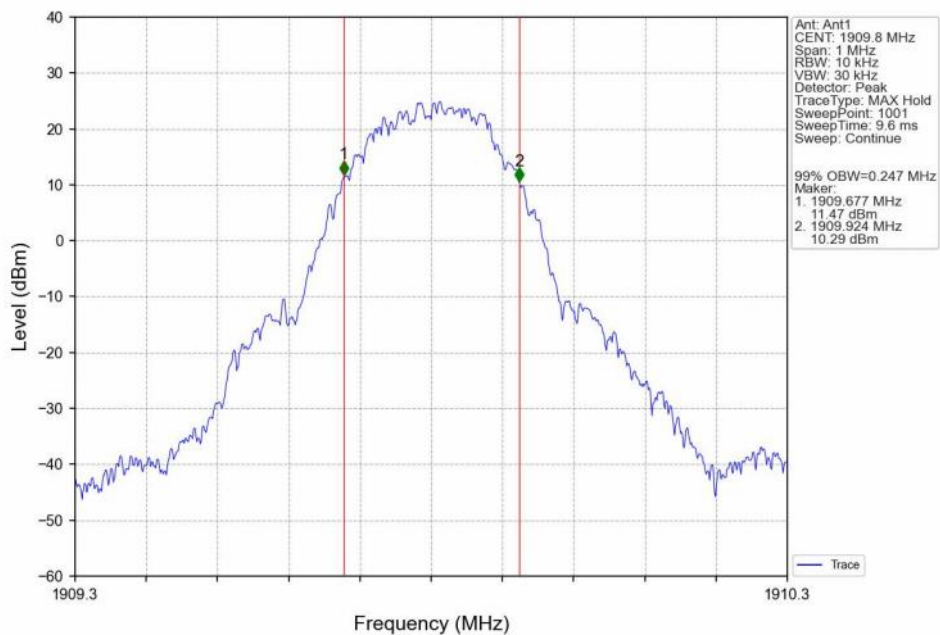
| Band: PCS1900 |         |           |                 |                      |       |         |
|---------------|---------|-----------|-----------------|----------------------|-------|---------|
| ENV           | Mode    |           | Frequency (MHz) | 26dB Bandwidth (MHz) |       | Verdict |
|               | Network | Subset    |                 | Result               | Limit |         |
| NTNV          | GSM     | GSM       | 1850.2          | 0.301                | /     | Pass    |
|               |         |           | 1880            | 0.307                | /     | Pass    |
|               |         |           | 1909.8          | 0.318                | /     | Pass    |
|               | GPRS    | 1 TX Slot | 1850.2          | 0.313                | /     | Pass    |
|               |         |           | 1880            | 0.319                | /     | Pass    |
|               |         |           | 1909.8          | 0.323                | /     | Pass    |
|               | EGPRS   | 1 TX Slot | 1850.2          | 0.316                | /     | Pass    |
|               |         |           | 1880            | 0.324                | /     | Pass    |
|               |         |           | 1909.8          | 0.312                | /     | Pass    |

## 4.2 Test Graph

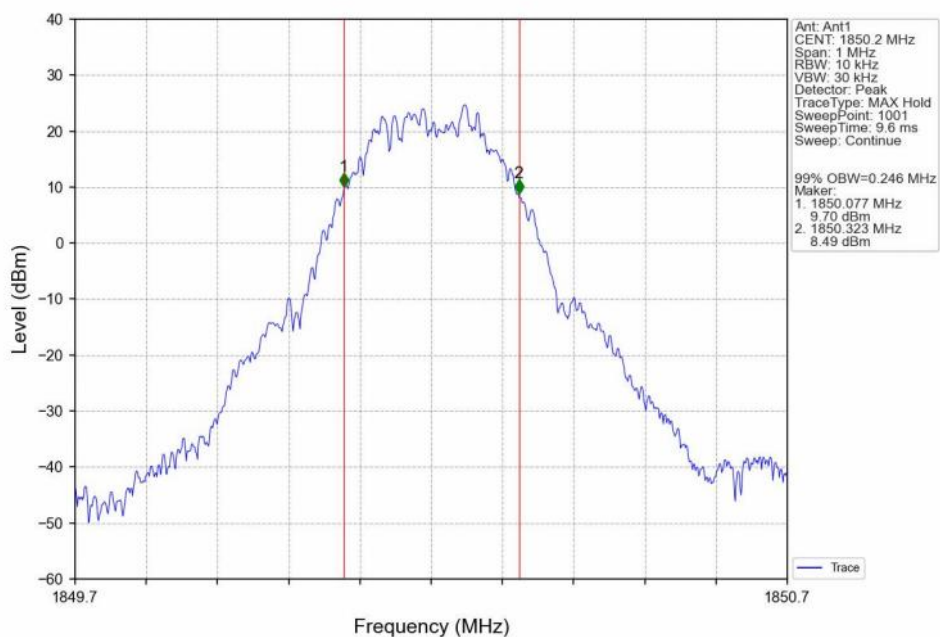
### 4.2.1 PCS1900\_OBW



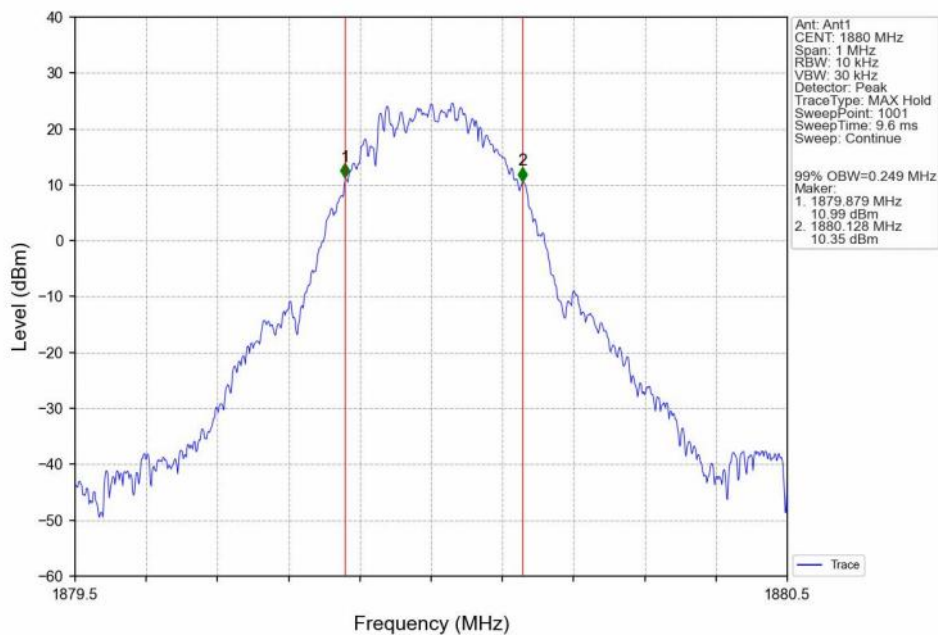
PCS1900\_GSM\_HCH\_1909.8MHz\_GSM\_NTNV



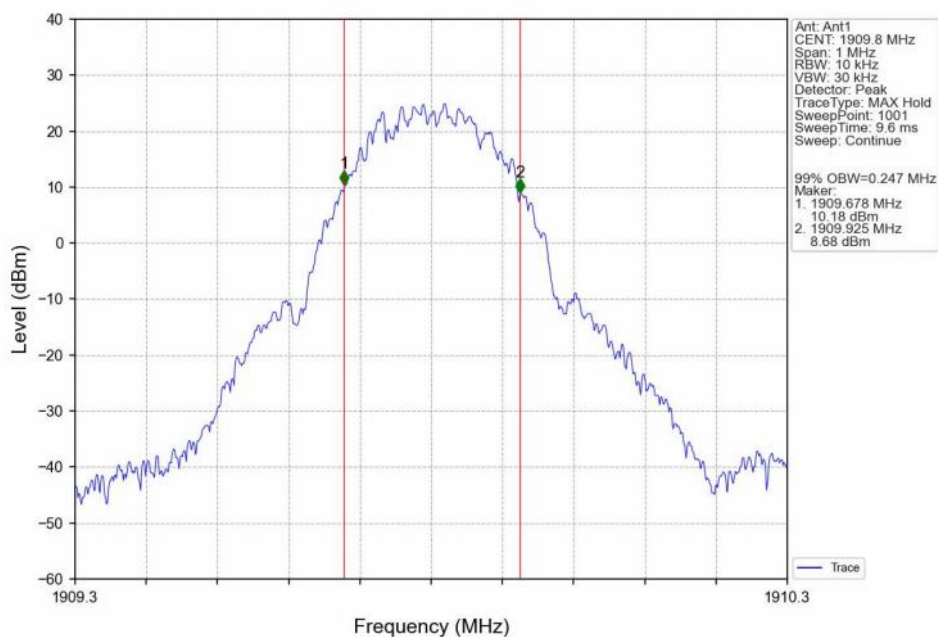
PCS1900\_GPRS\_LCH\_1850.2MHz\_1 TX Slot\_NTNV



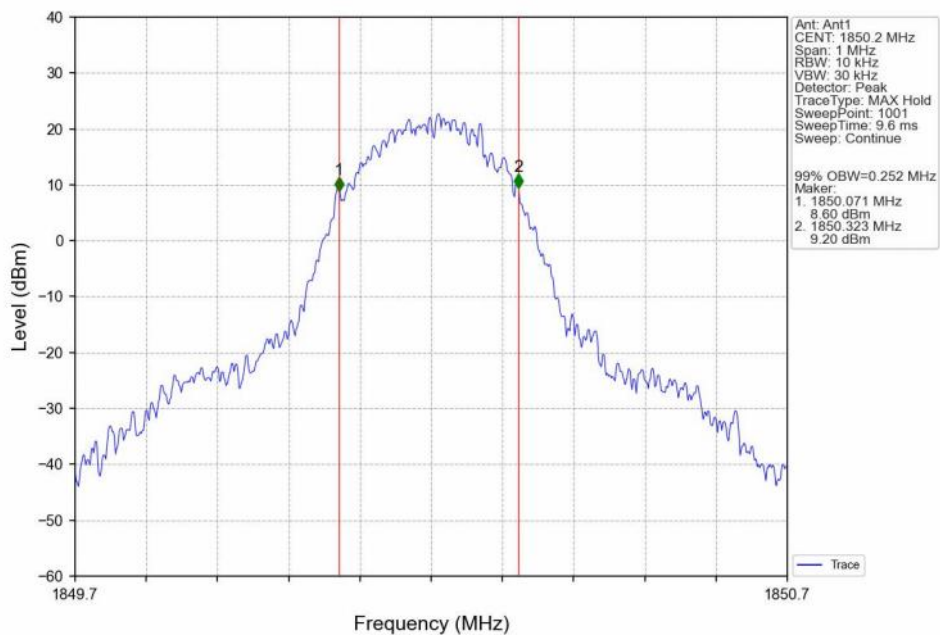
PCS1900\_GPRS\_MCH\_1880MHz\_1 TX Slot\_NTNV



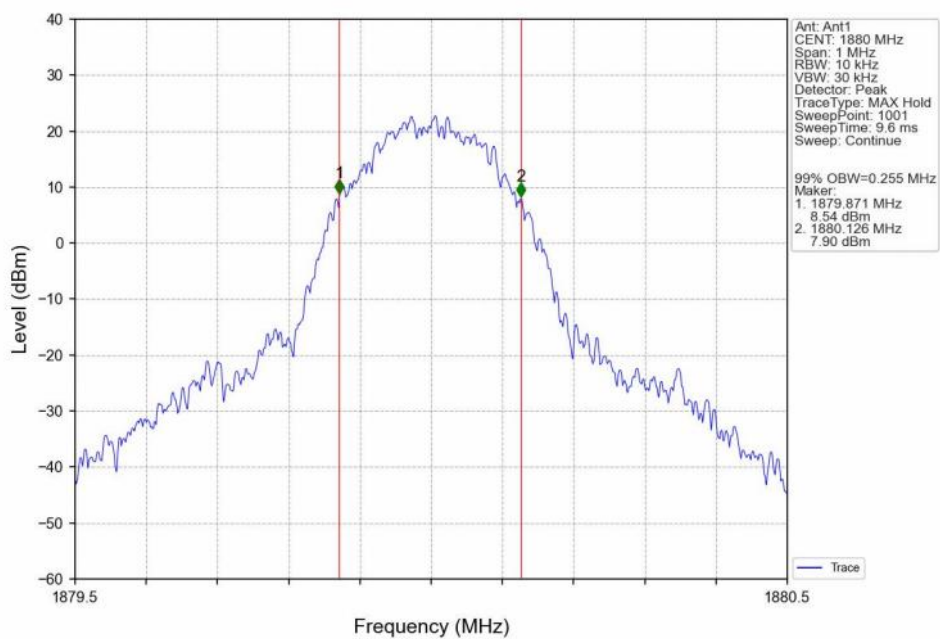
PCS1900\_GPRS\_HCH\_1909.8MHz\_1 TX Slot\_NTNV



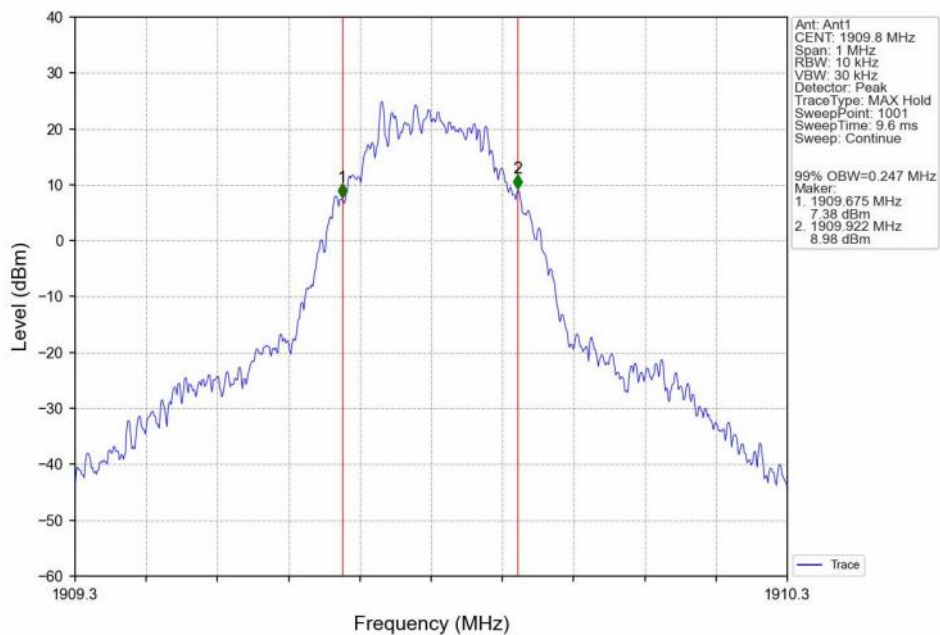
PCS1900\_EGPRS\_LCH\_1850.2MHz\_1 TX Slot\_NTNV



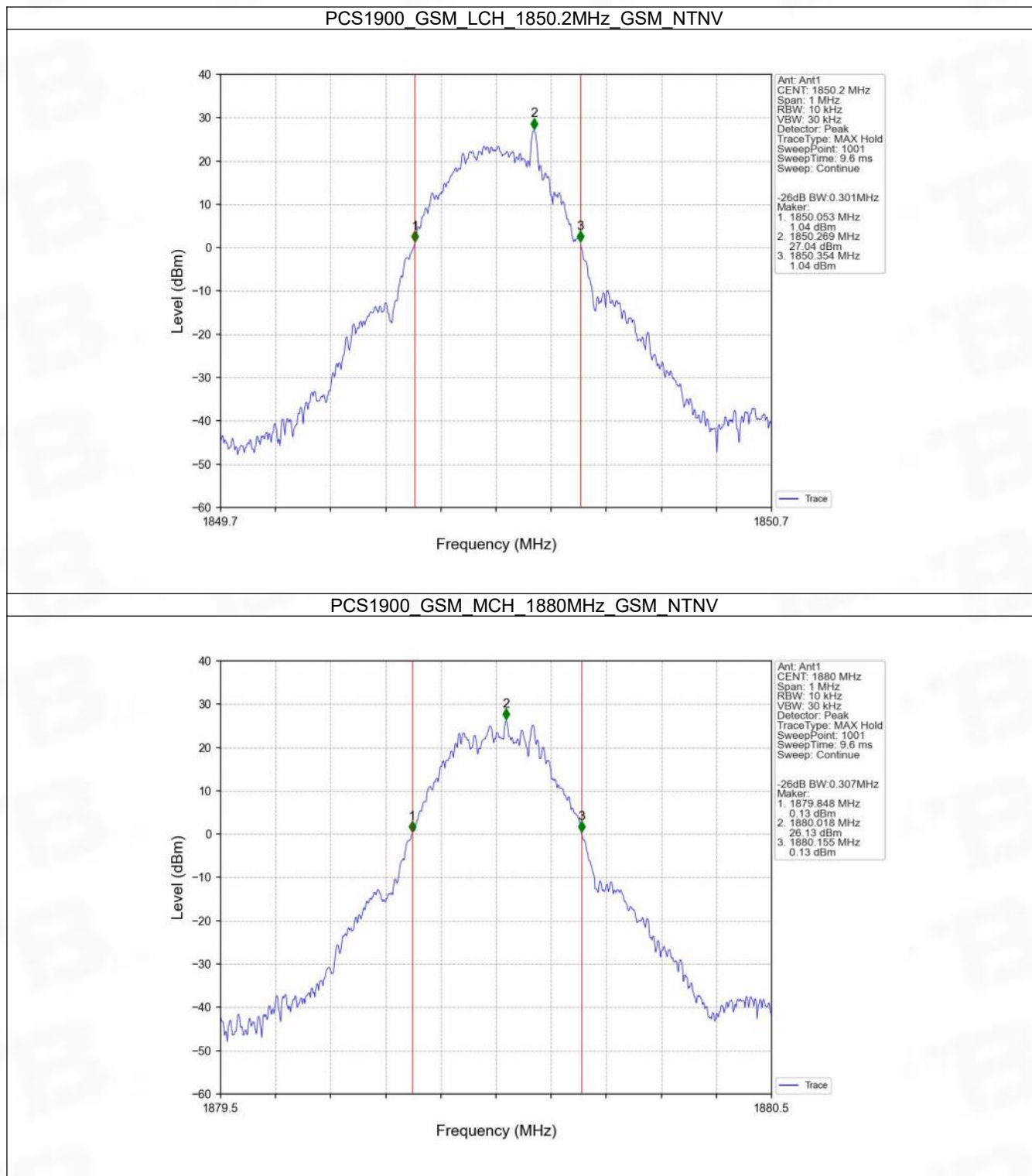
PCS1900\_EGPRS\_MCH\_1880MHz\_1 TX Slot\_NTNV



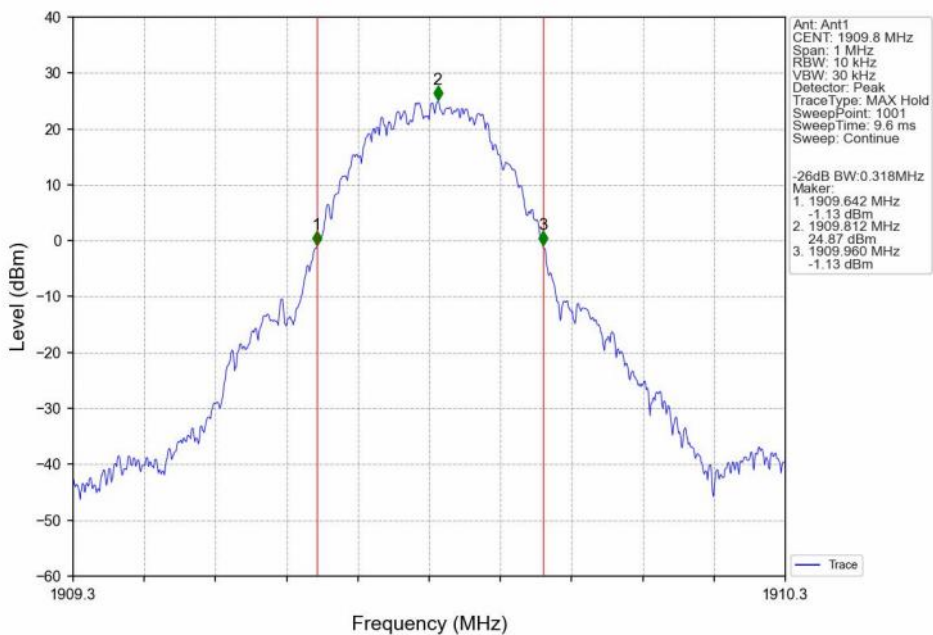
## PCS1900\_EGPRS\_HCH\_1909.8MHz\_1 TX Slot\_NTNV



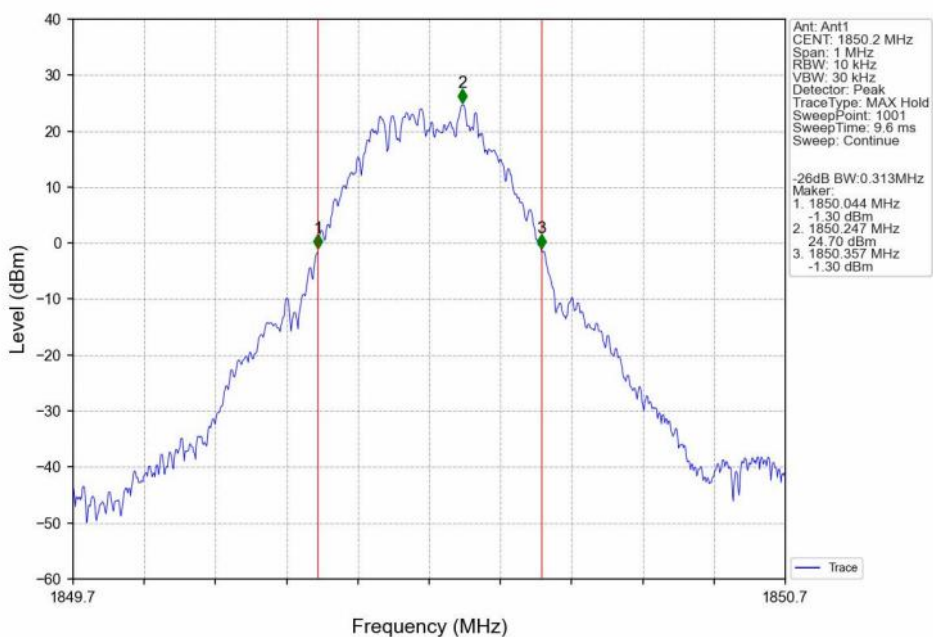
## 4.2.2 PCS1900\_XDB



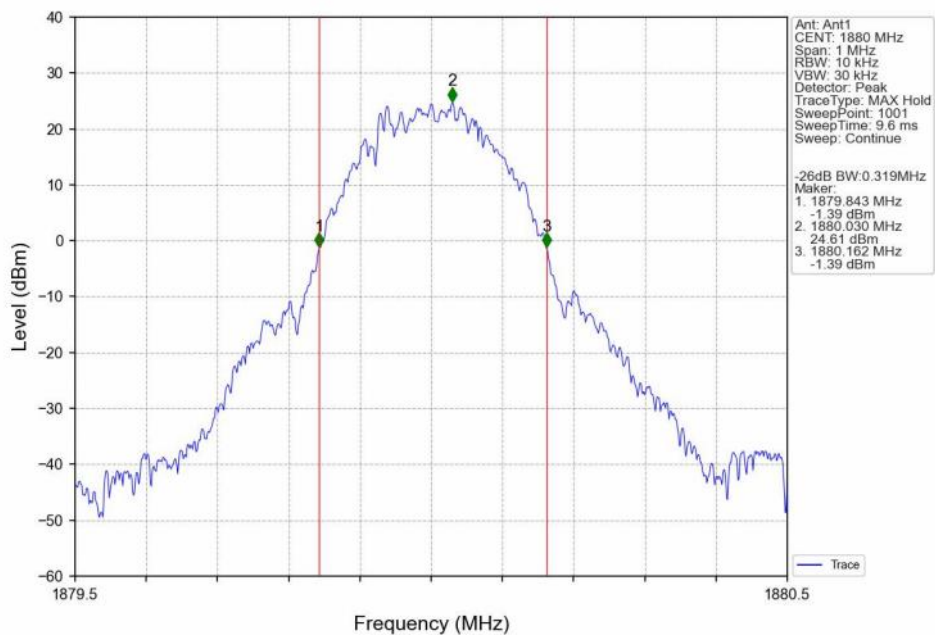
PCS1900\_GSM\_HCH\_1909.8MHz\_GSM\_NTNV



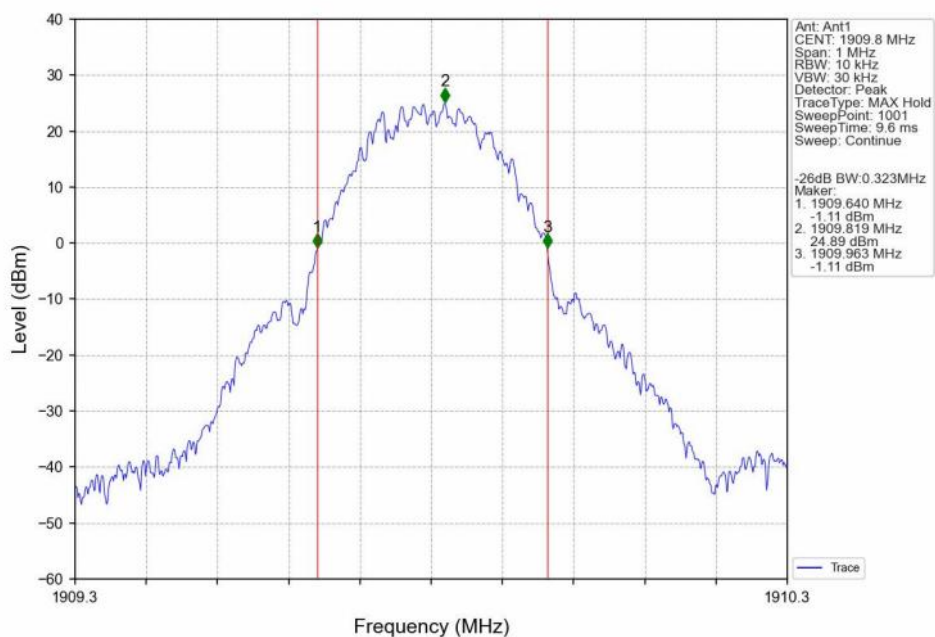
PCS1900\_GPRS\_LCH\_1850.2MHz\_1 TX Slot\_NTNV



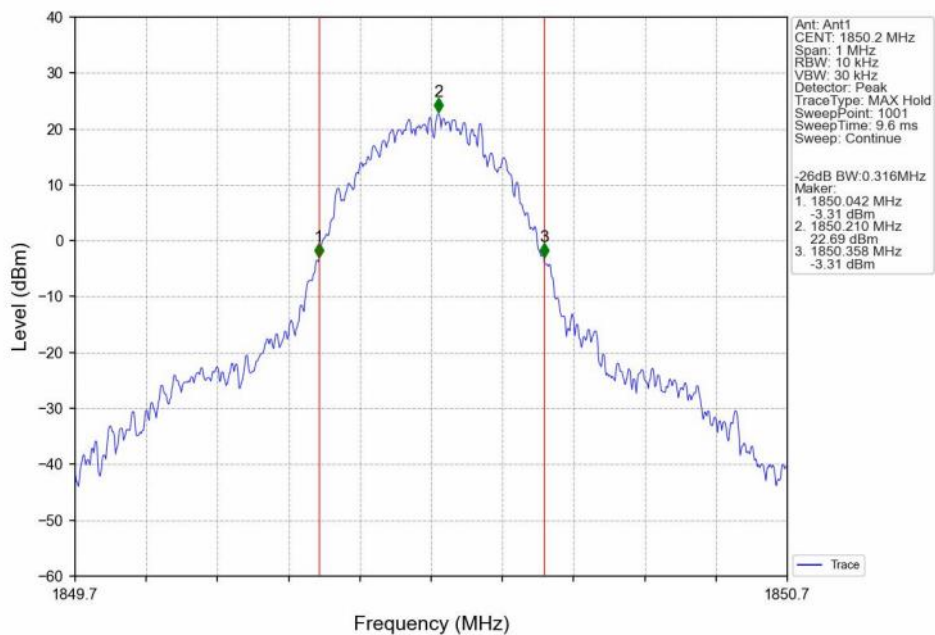
PCS1900\_GPRS\_MCH\_1880MHz\_1 TX Slot\_NTNV



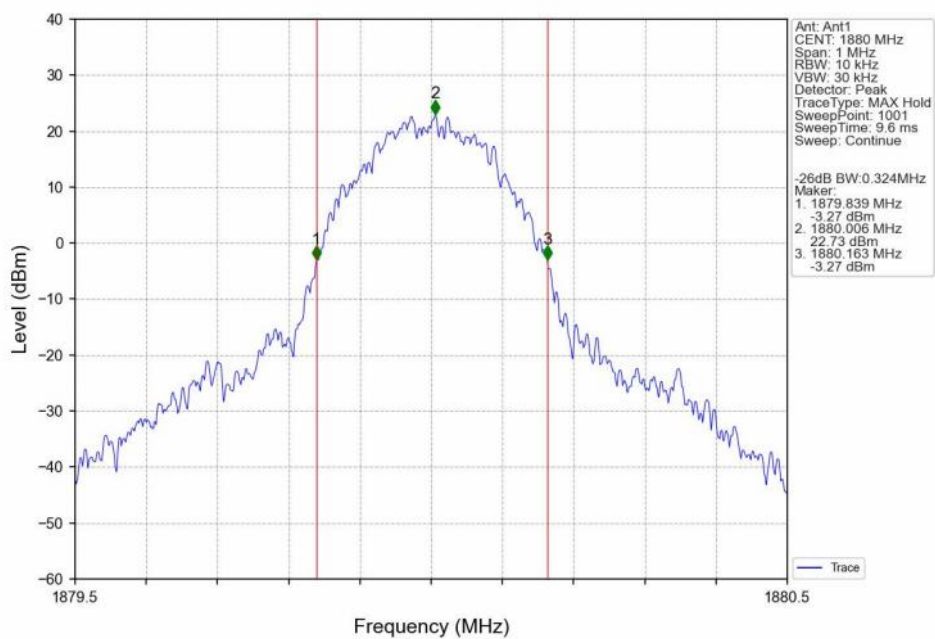
PCS1900\_GPRS\_HCH\_1909.8MHz\_1 TX Slot\_NTNV



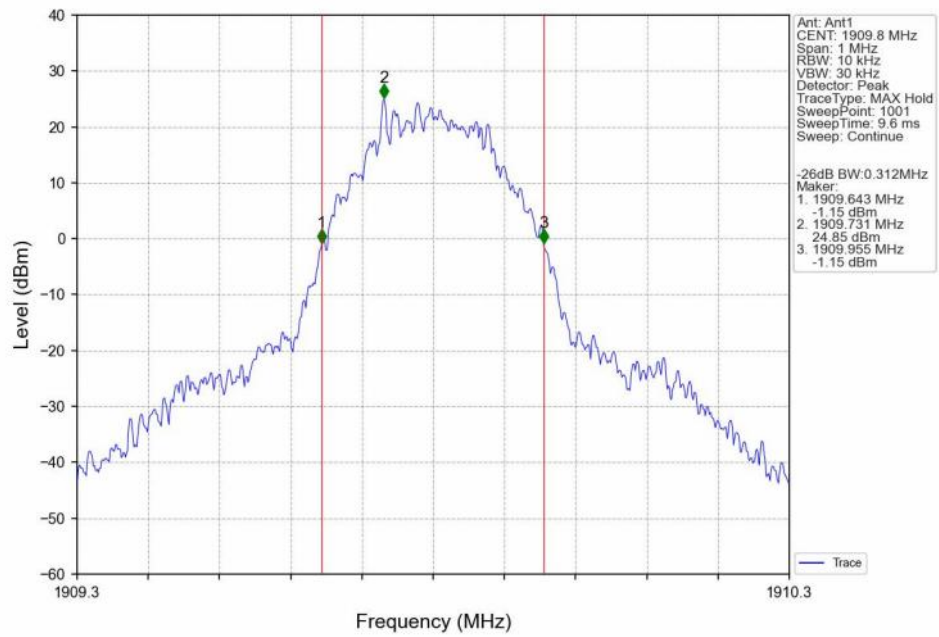
PCS1900\_EGPRS\_LCH\_1850.2MHz\_1 TX Slot\_NTNV



PCS1900\_EGPRS\_MCH\_1880MHz\_1 TX Slot\_NTNV



## PCS1900\_EGPRS\_HCH\_1909.8MHz\_1 TX Slot\_NTNV



## 5. Peak-Average Ratio

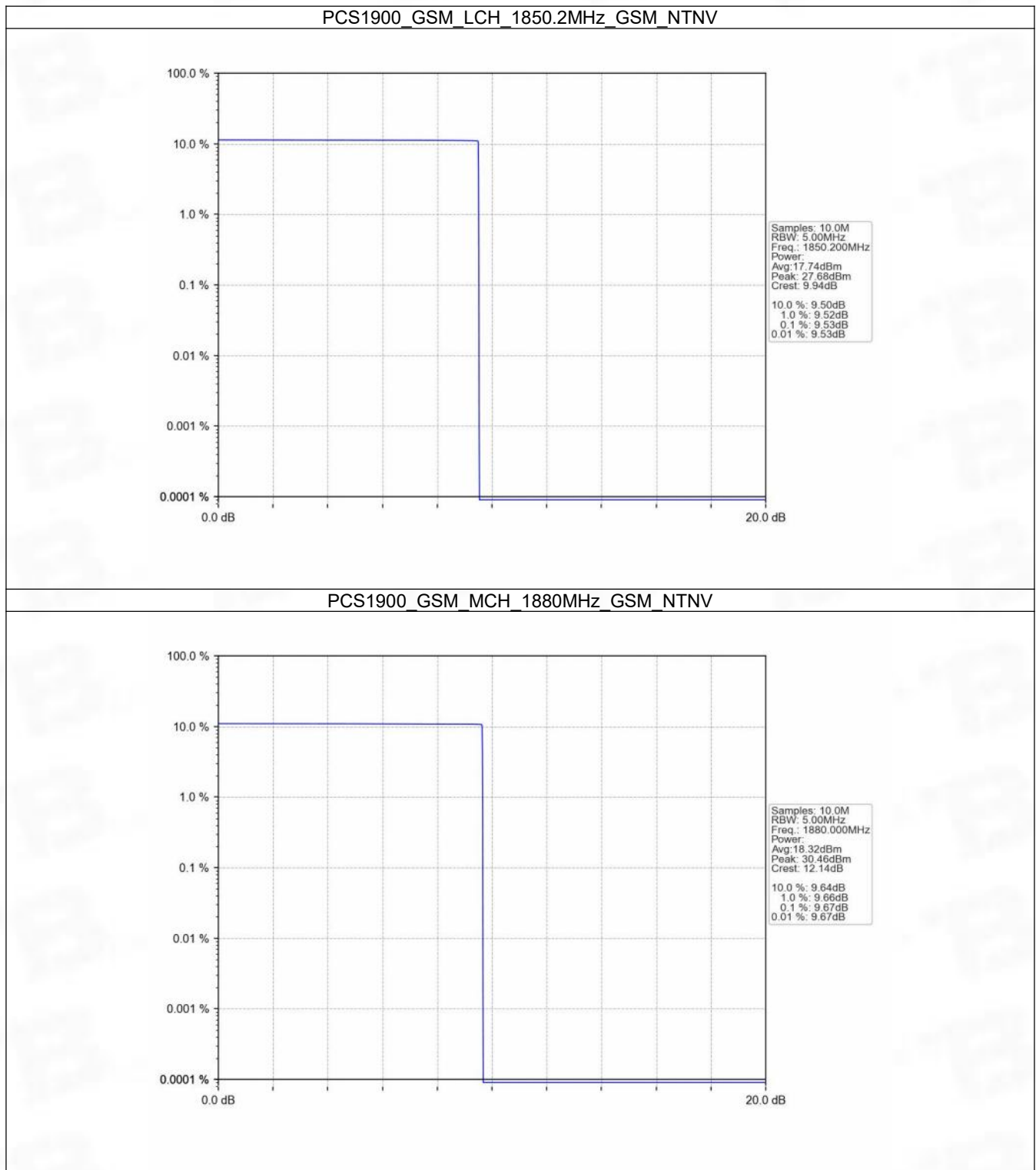
### 5.1 Test Result

#### 5.1.1 PCS1900

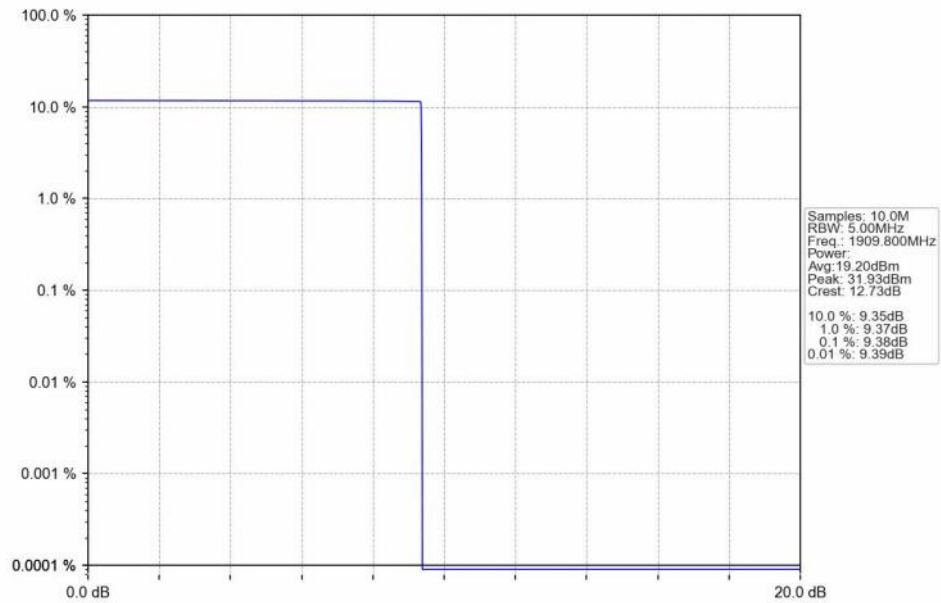
| Band: PCS1900 |         |            |                 |                         |       |         |
|---------------|---------|------------|-----------------|-------------------------|-------|---------|
| ENV           | Mode    |            | Frequency (MHz) | Peak-Average Ratio (dB) |       | Verdict |
|               | Network | Subset     |                 | Result                  | Limit |         |
| NTNV          | GSM     | GSM        | 1850.2          | 9.53                    | <=13  | Pass    |
|               |         |            | 1880            | 9.67                    | <=13  | Pass    |
|               |         |            | 1909.8          | 9.38                    | <=13  | Pass    |
|               | GPRS    | 4 TX Slots | 1850.2          | 3.79                    | <=13  | Pass    |
|               |         |            | 1880            | 3.55                    | <=13  | Pass    |
|               |         |            | 1909.8          | 3.44                    | <=13  | Pass    |
|               | EGPRS   | 4 TX Slots | 1850.2          | 6.91                    | <=13  | Pass    |
|               |         |            | 1880            | 6.56                    | <=13  | Pass    |
|               |         |            | 1909.8          | 7.00                    | <=13  | Pass    |

## 5.2 Test Graph

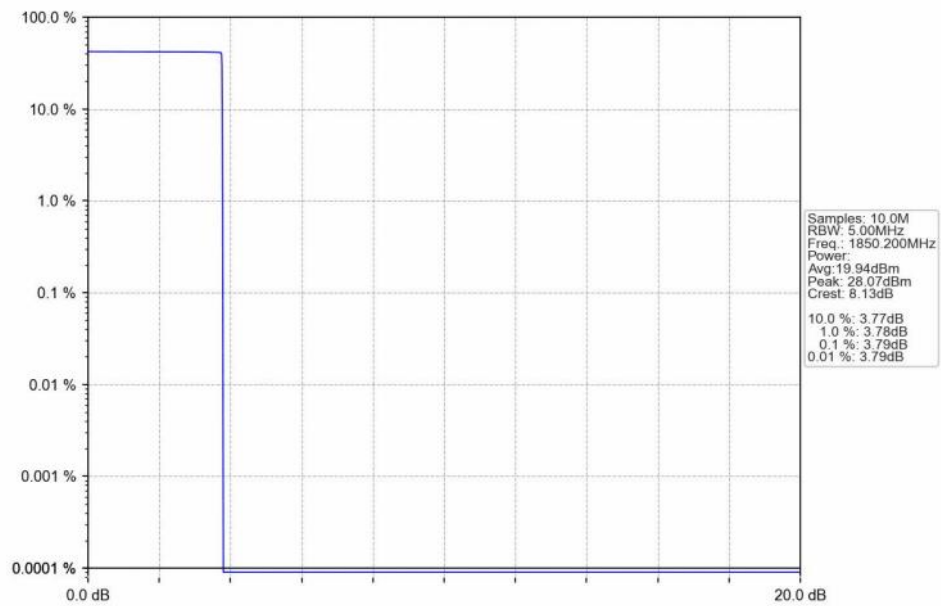
### 5.2.1 PCS1900



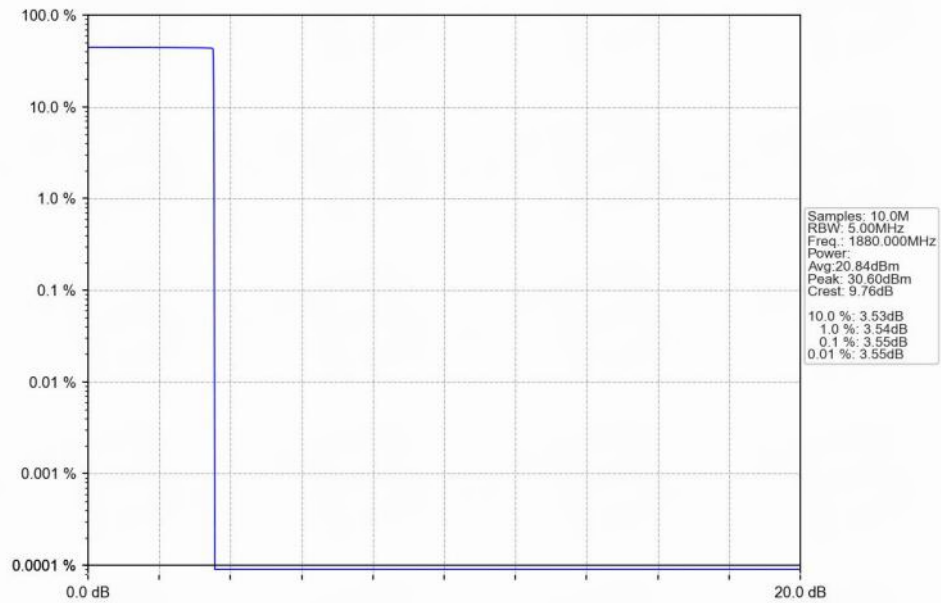
PCS1900 GSM\_HCH\_1909.8MHz\_GSM\_NTNV



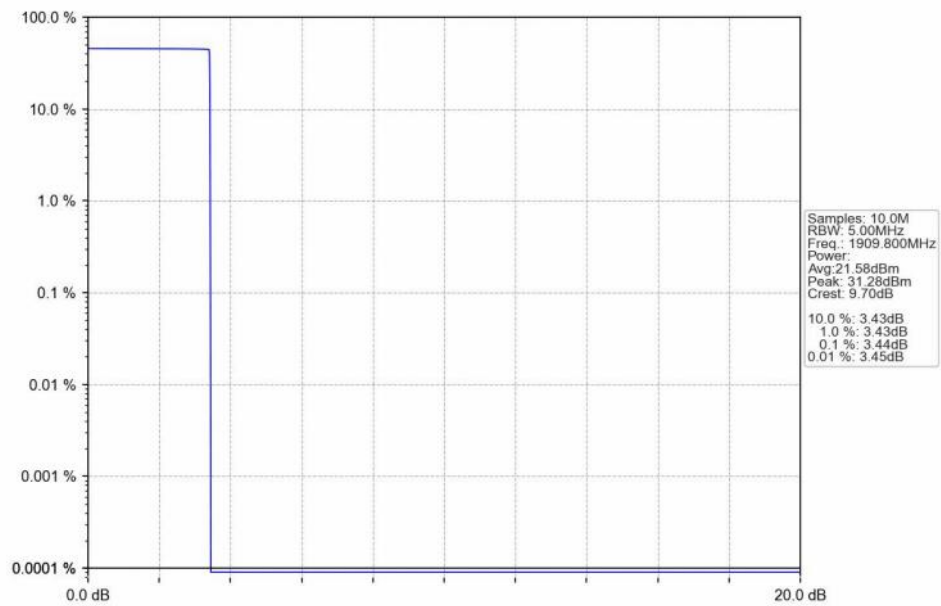
PCS1900 GPRS\_LCH\_1850.2MHz\_4 TX Slots\_NTNV



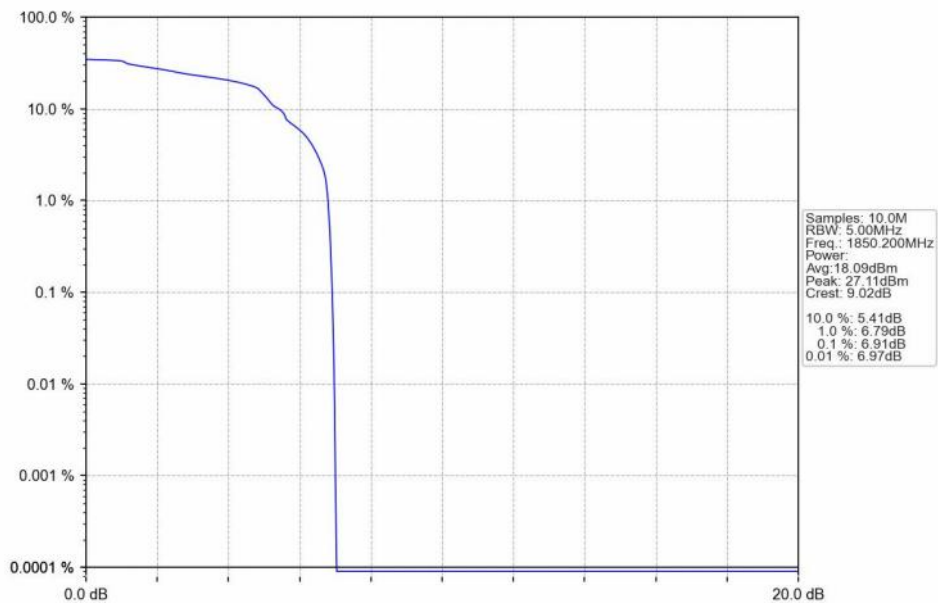
PCS1900\_GPRS\_MCH\_1880MHz\_4 TX Slots\_NTNV



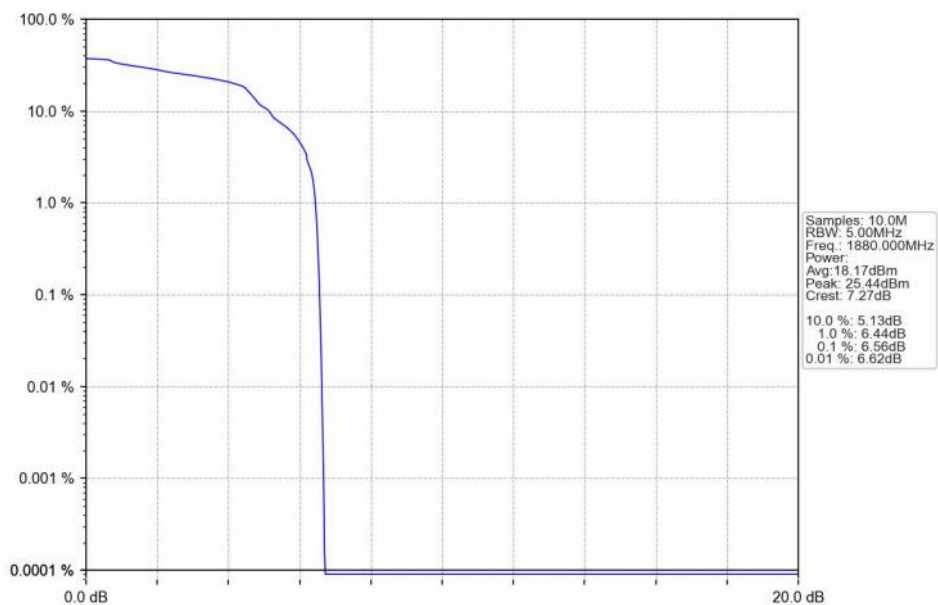
PCS1900\_GPRS\_HCH\_1909.8MHz\_4 TX Slots\_NTNV



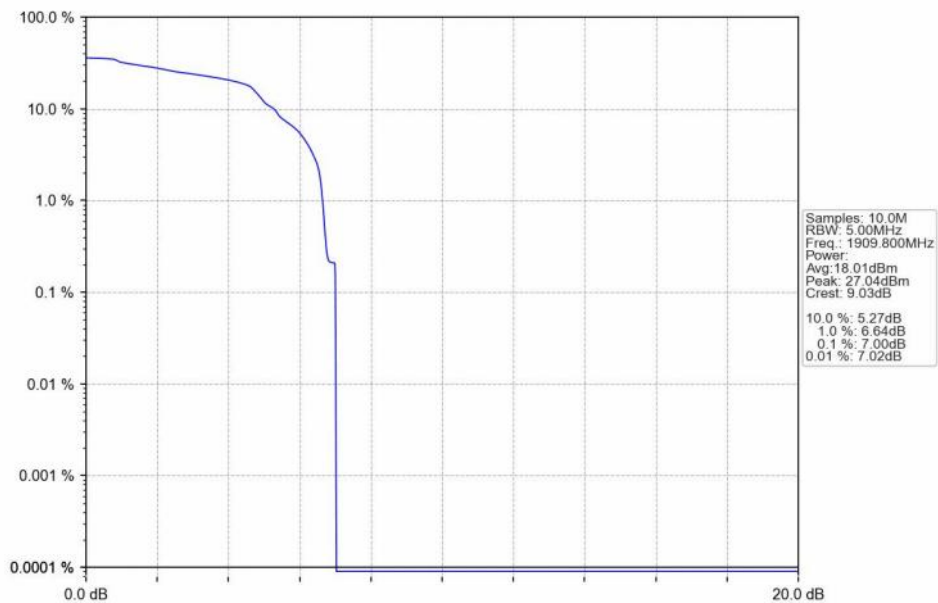
PCS1900\_EGPRS\_LCH\_1850.2MHz\_4 TX Slots\_NTNV



PCS1900\_EGPRS\_MCH\_1880MHz\_4 TX Slots\_NTNV



PCS1900\_EGPRS\_HCH\_1909.8MHz\_4 TX Slots\_NTNV



## 6. Spurious Emission

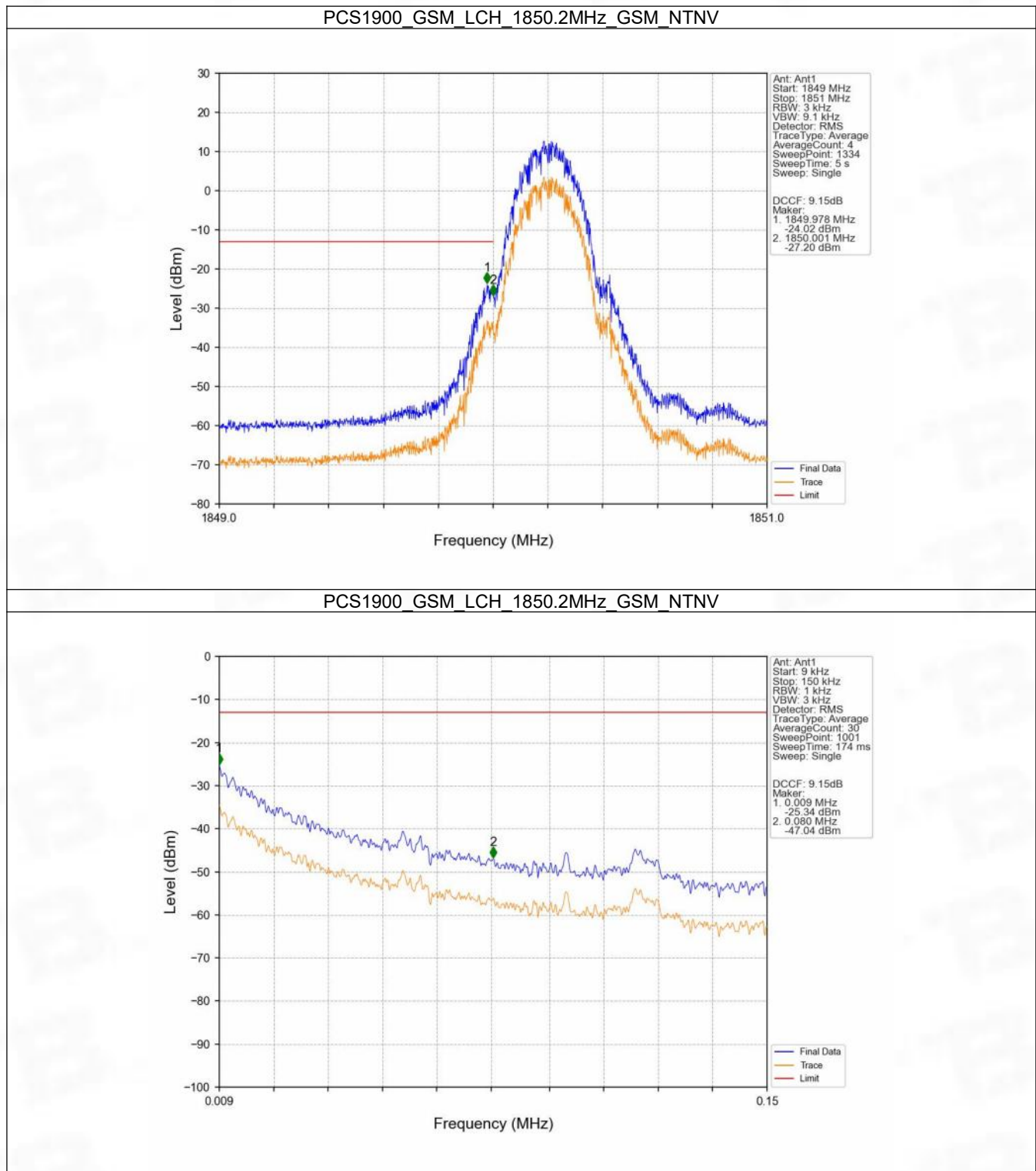
### 6.1 Test Result

#### 6.1.1 PCS1900

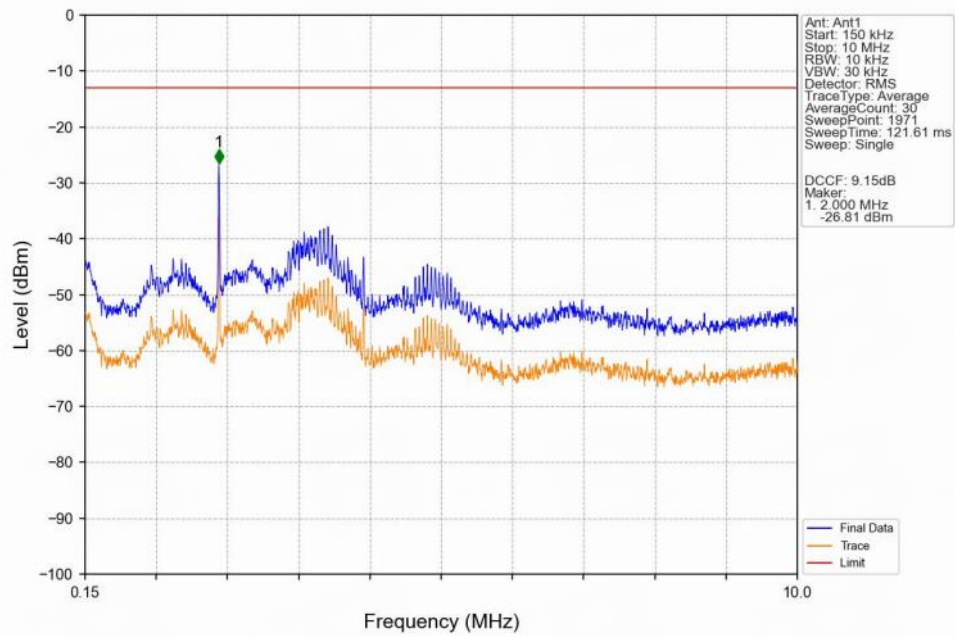
| Band: PCS1900 |         |           |                 |                     |       |         |
|---------------|---------|-----------|-----------------|---------------------|-------|---------|
| ENV           | Mode    |           | Frequency (MHz) | Spurious Emission   |       | Verdict |
|               | Network | Subset    |                 | Result              | Limit |         |
| NTNV          | GSM     | GSM       | 1850.2          | Refer To Test Graph | Pass  |         |
|               |         |           | 1880            | Refer To Test Graph | Pass  |         |
|               |         |           | 1909.8          | Refer To Test Graph | Pass  |         |
|               | GPRS    | 1 TX Slot | 1850.2          | Refer To Test Graph | Pass  |         |
|               |         |           | 1880            | Refer To Test Graph | Pass  |         |
|               |         |           | 1909.8          | Refer To Test Graph | Pass  |         |
|               | EGPRS   | 1 TX Slot | 1850.2          | Refer To Test Graph | Pass  |         |
|               |         |           | 1880            | Refer To Test Graph | Pass  |         |
|               |         |           | 1909.8          | Refer To Test Graph | Pass  |         |

## 6.2 Test Graph

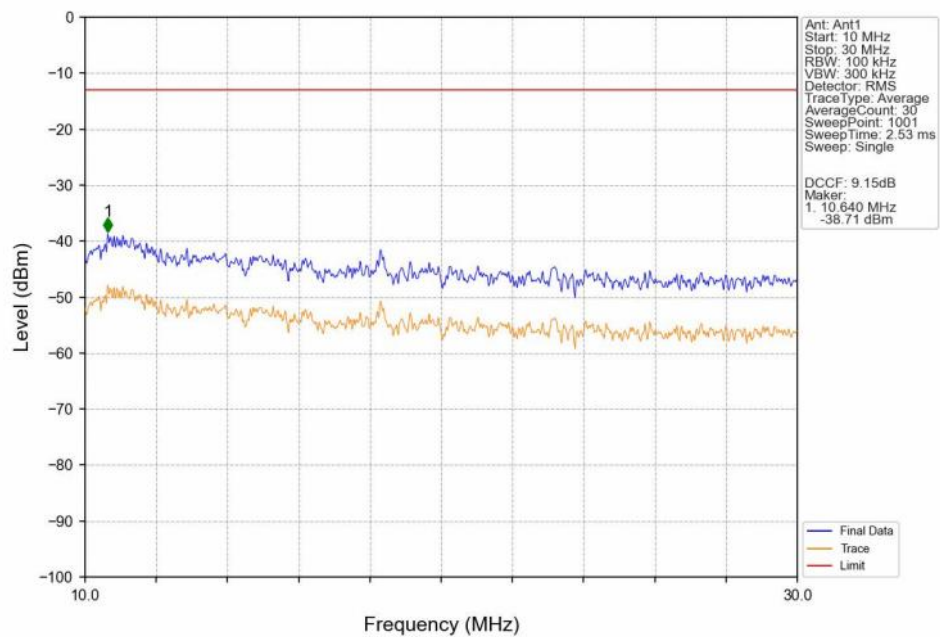
### 6.2.1 PCS1900



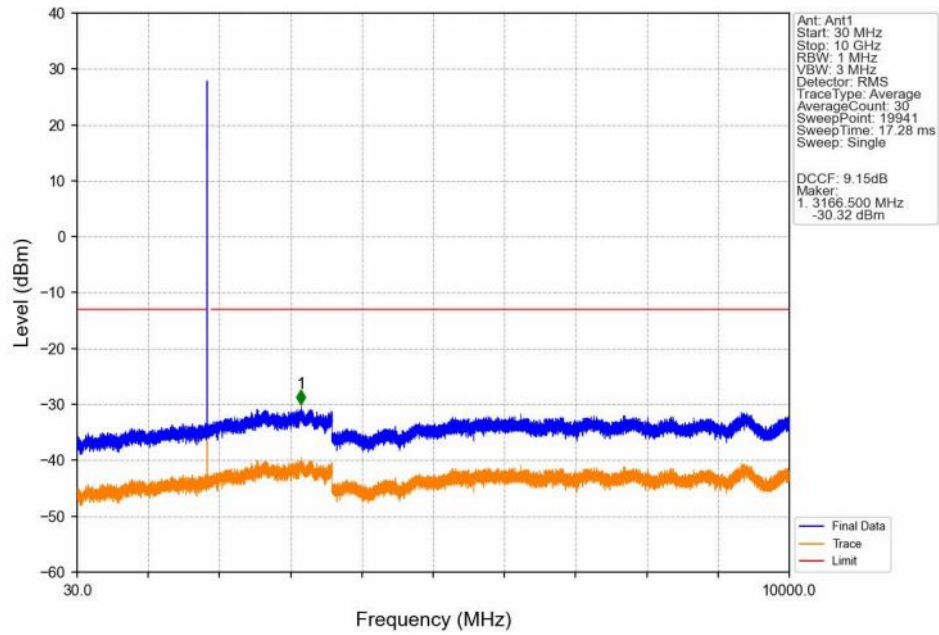
PCS1900\_GSM\_LCH\_1850.2MHz\_GSM\_NTNV



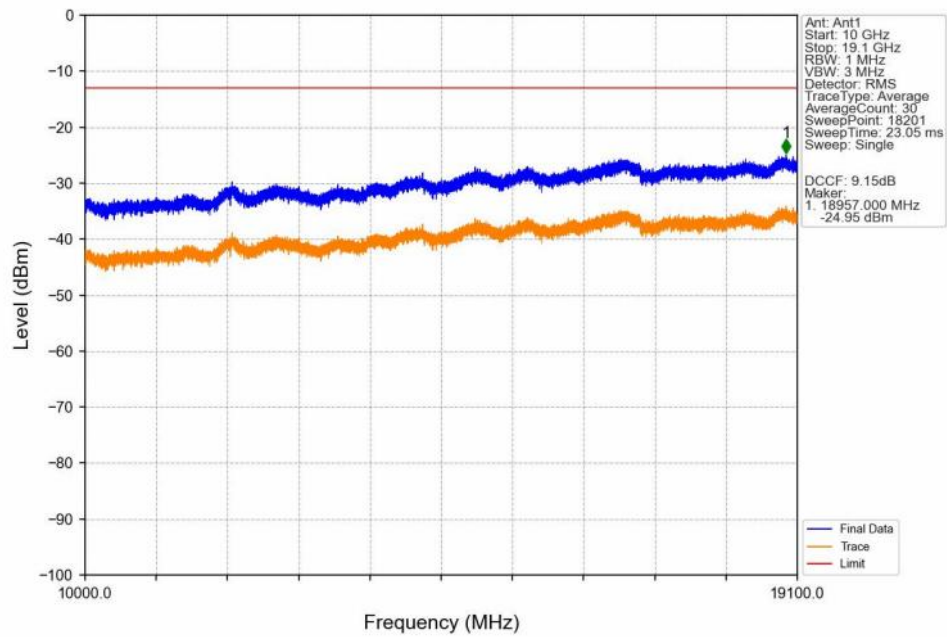
PCS1900\_GSM\_LCH\_1850.2MHz\_GSM\_NTNV



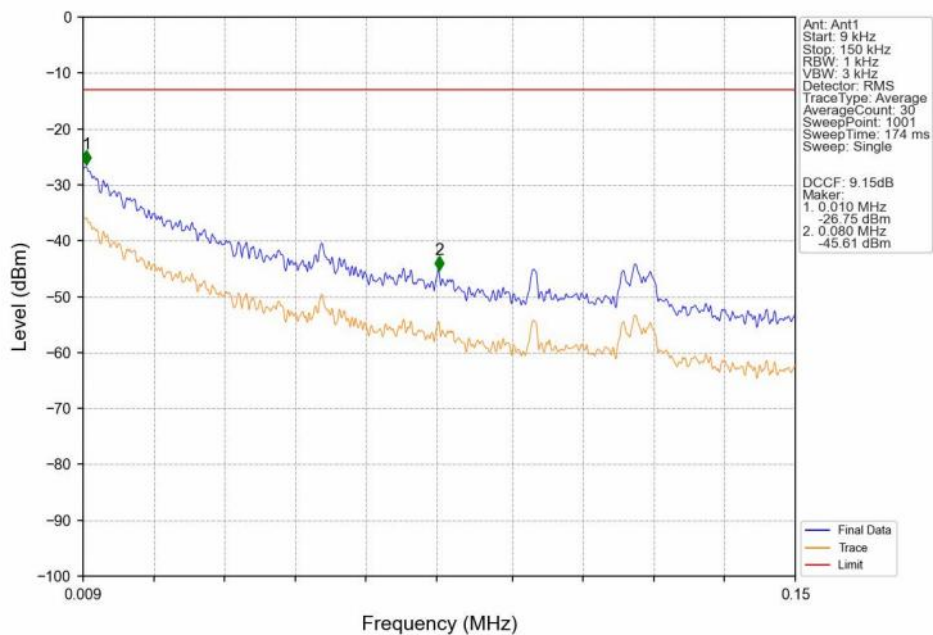
## PCS1900\_GSM\_LCH\_1850.2MHz\_GSM\_NTNV



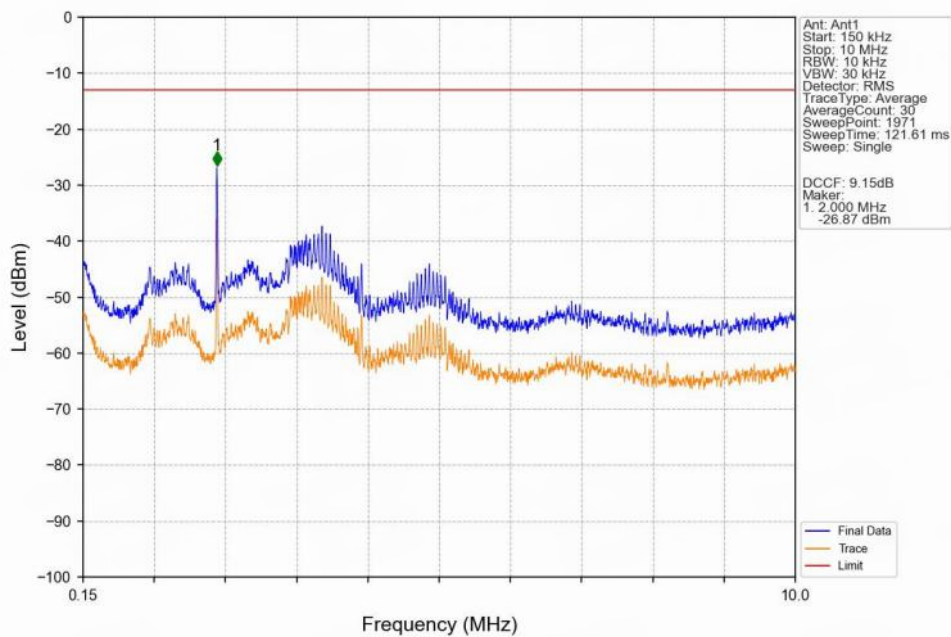
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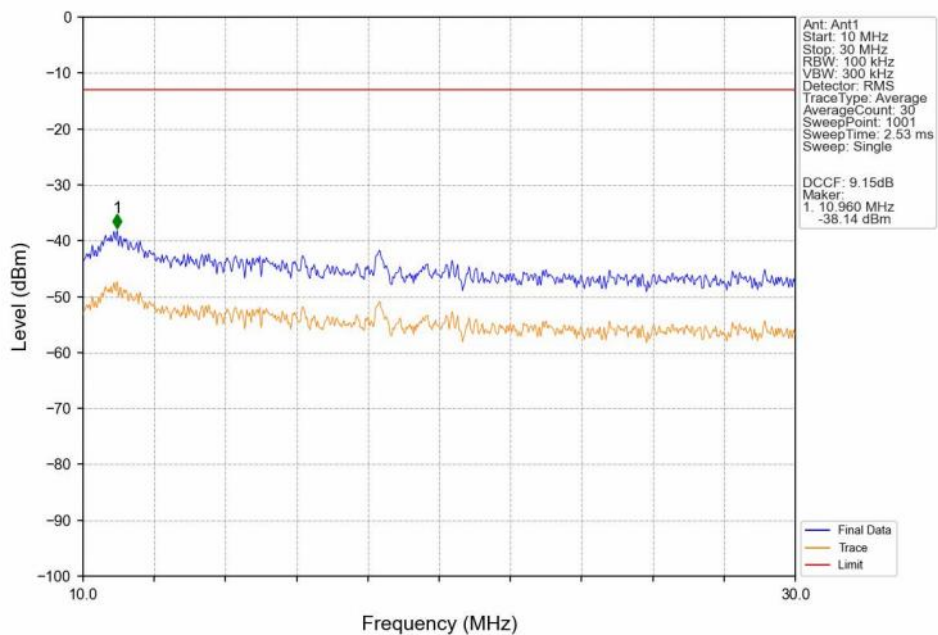
PCS1900\_GSM\_MCH\_1880MHz\_GSM\_NTNV



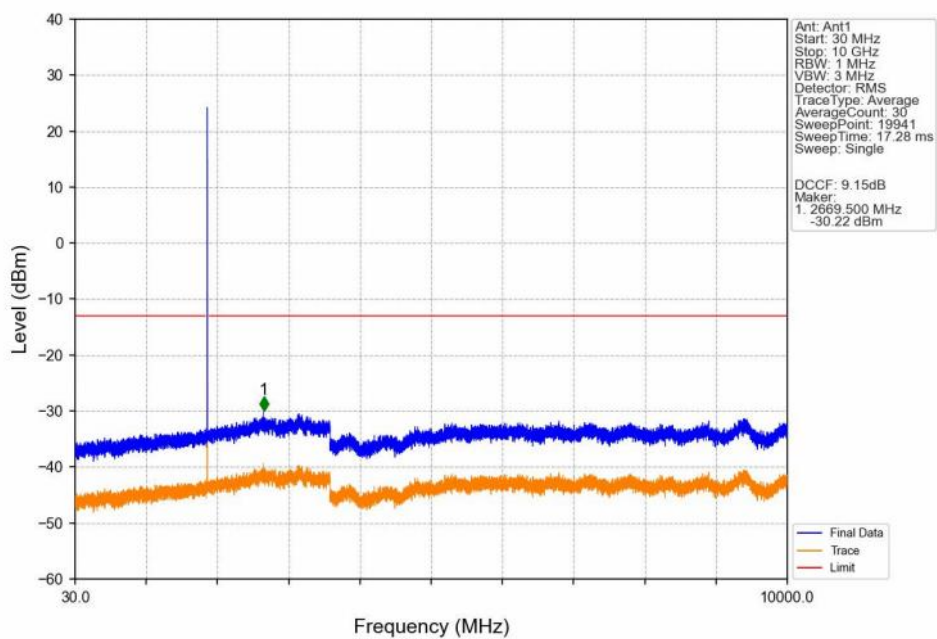
PCS1900\_GSM\_MCH\_1880MHz\_GSM\_NTNV



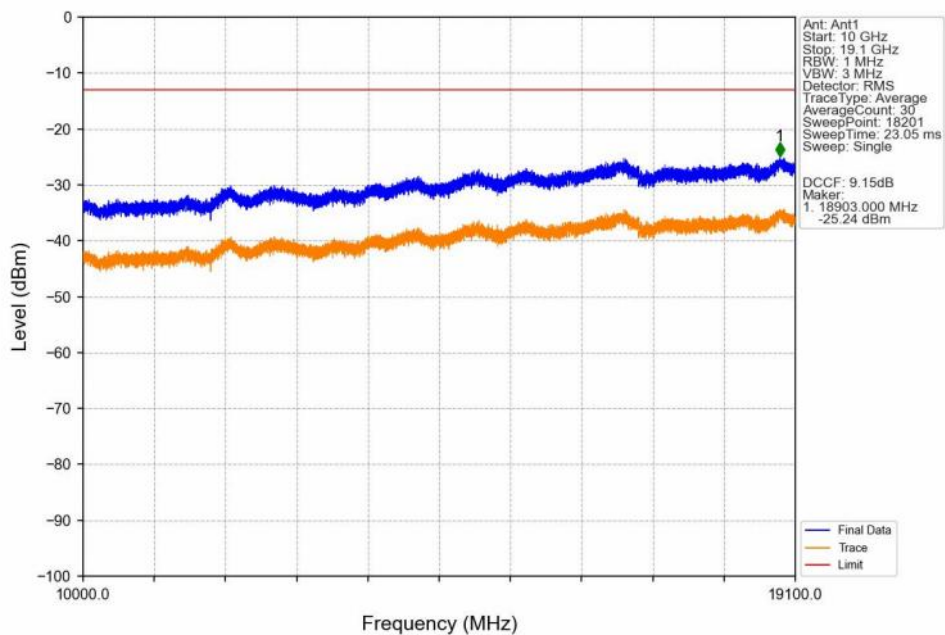
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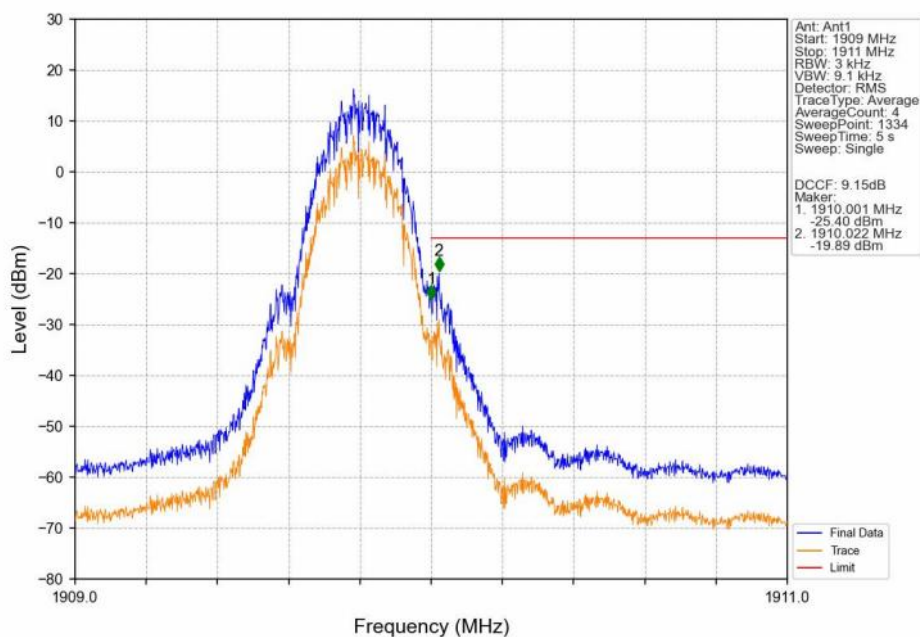
## PCS1900\_GSM\_MCH\_1880MHz\_GSM\_NTNV



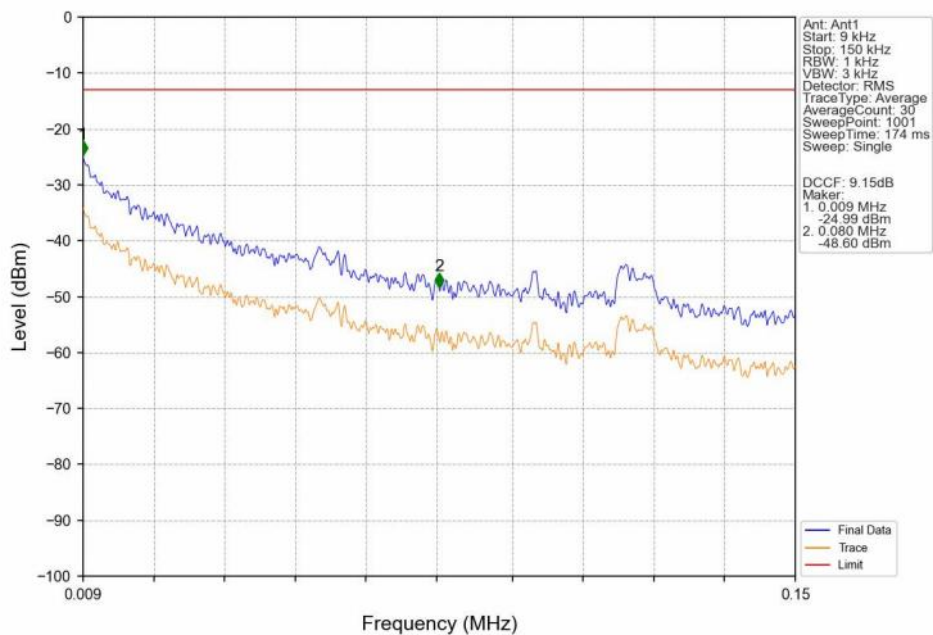
PCS1900\_GSM\_MCH\_1880MHz\_GSM\_NTNV



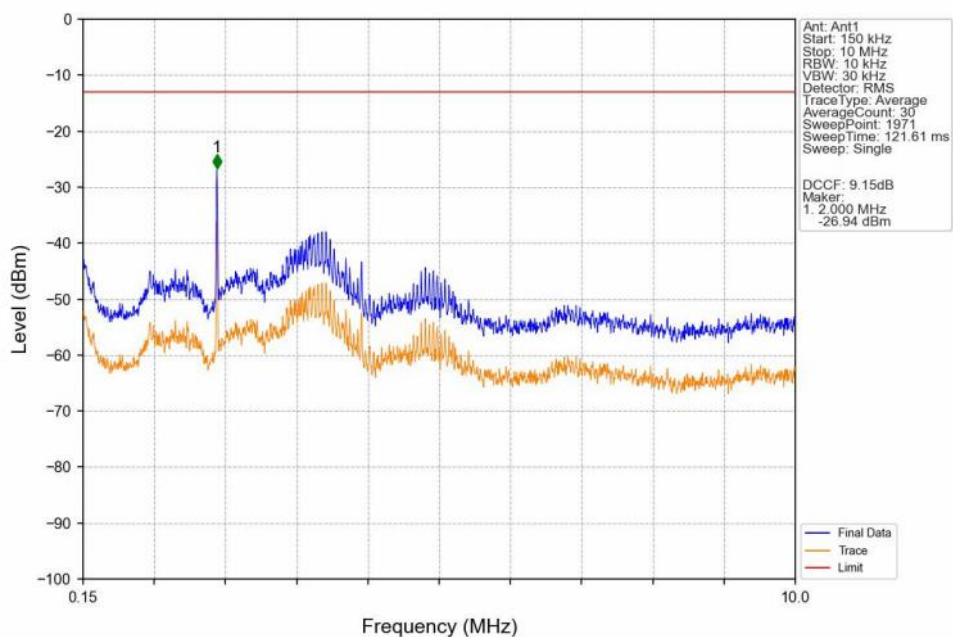
PCS1900\_GSM\_HCH\_1909.8MHz\_GSM\_NTNV



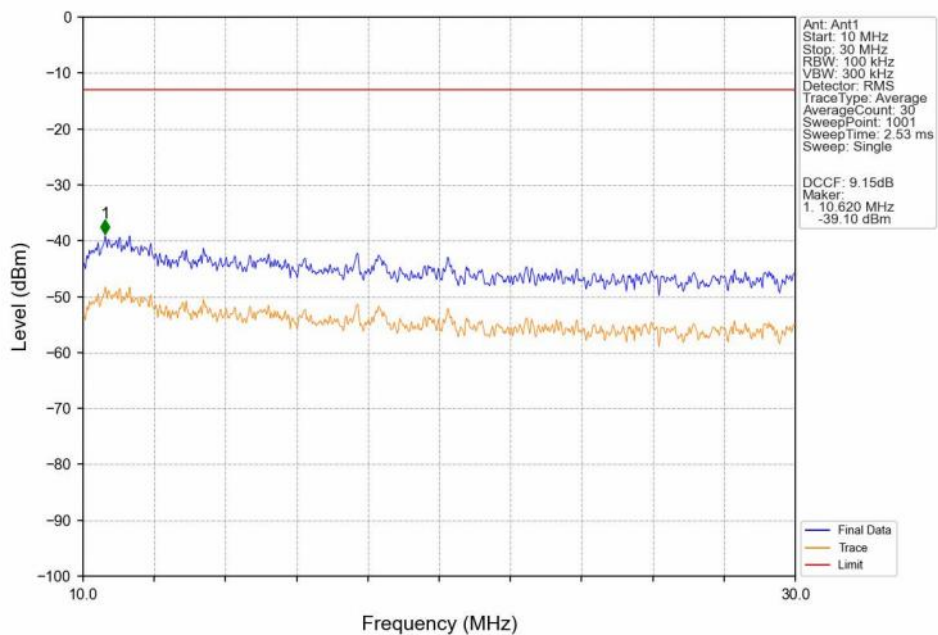
PCS1900\_GSM\_HCH\_1909.8MHz\_GSM\_NTNV



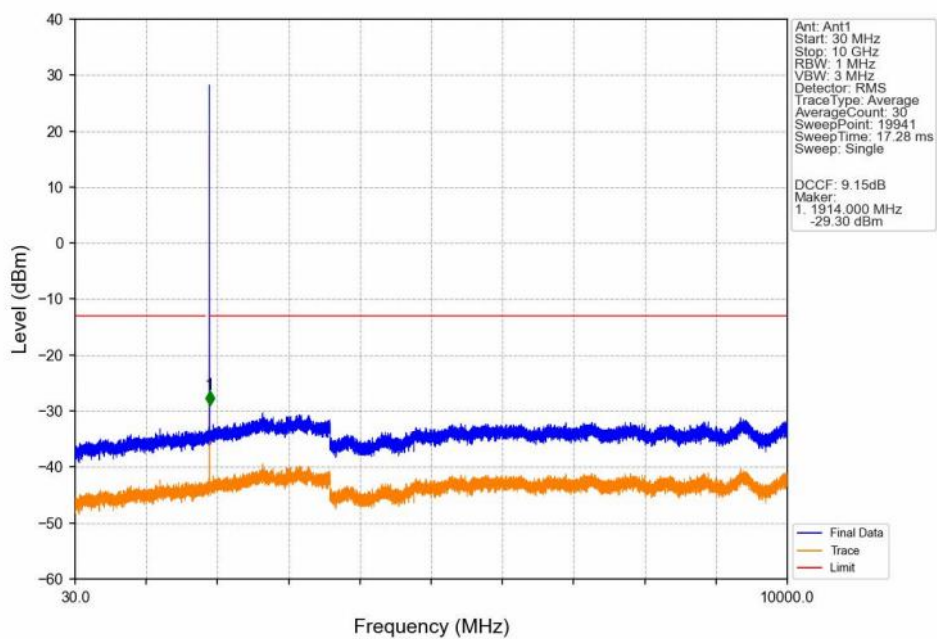
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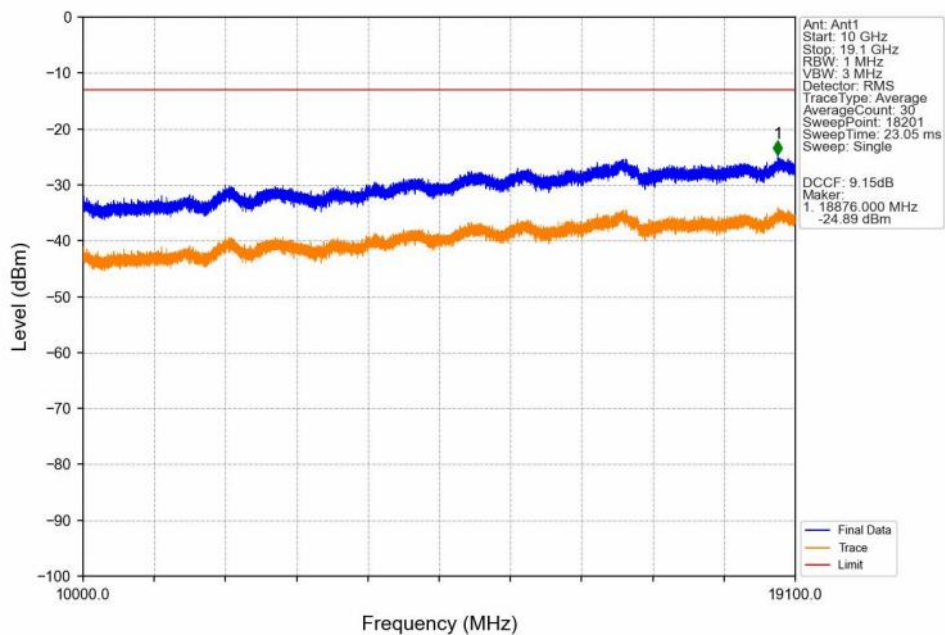
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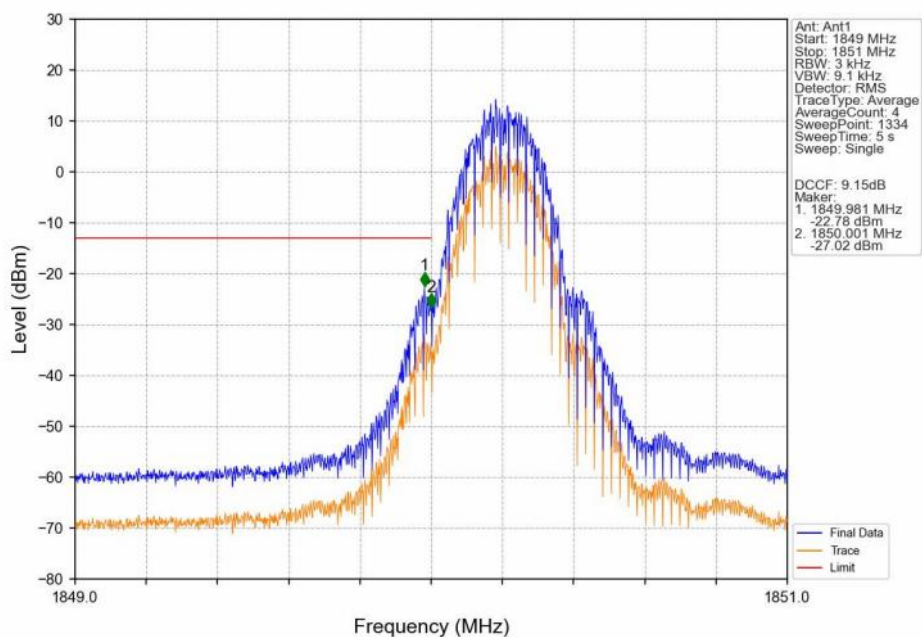
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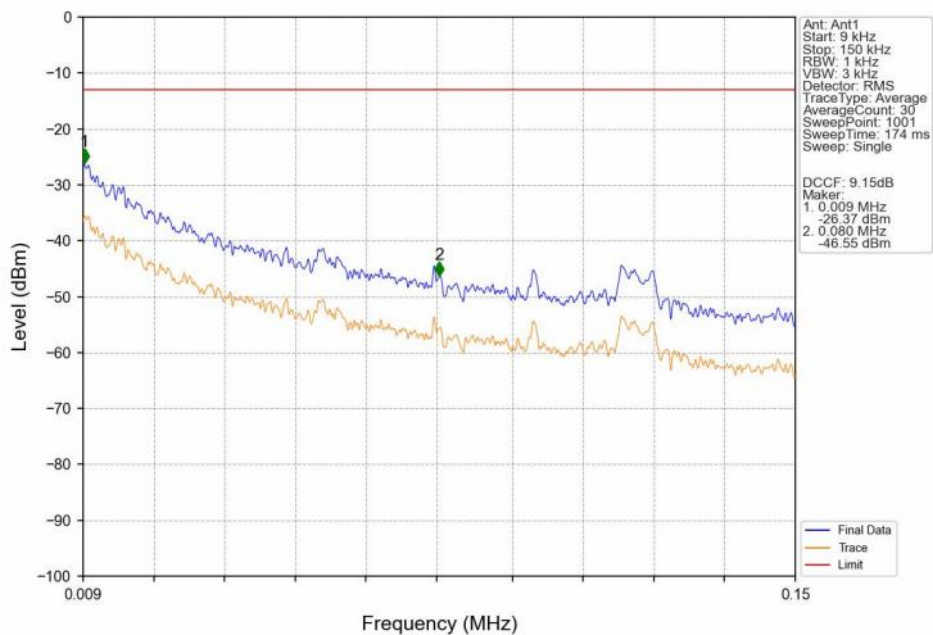
PCS1900\_GSM\_HCH\_1909.8MHz\_GSM\_NTNV



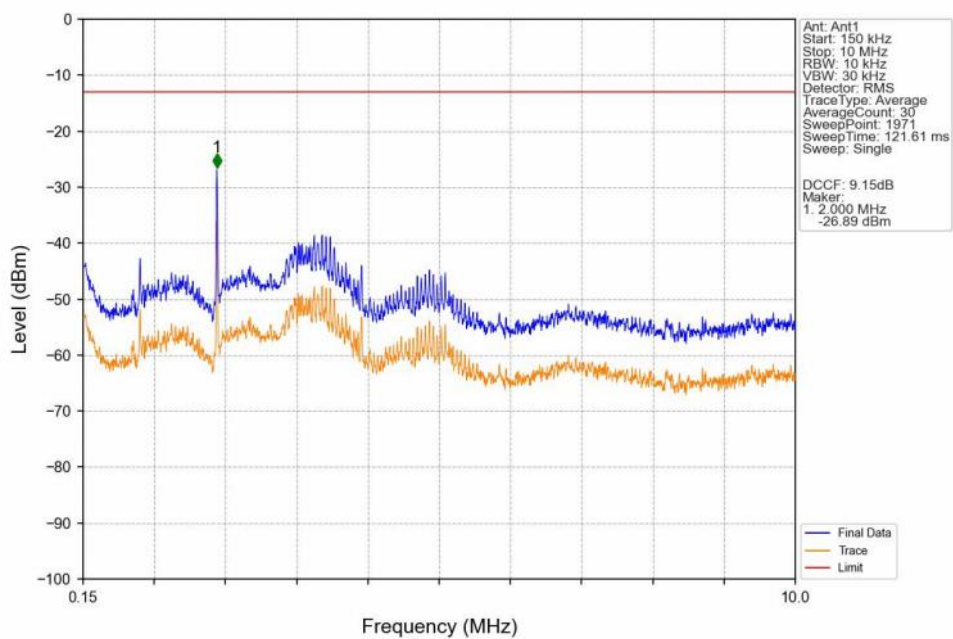
PCS1900\_GPRS\_LCH\_1850.2MHz\_1 TX Slot\_NTNV



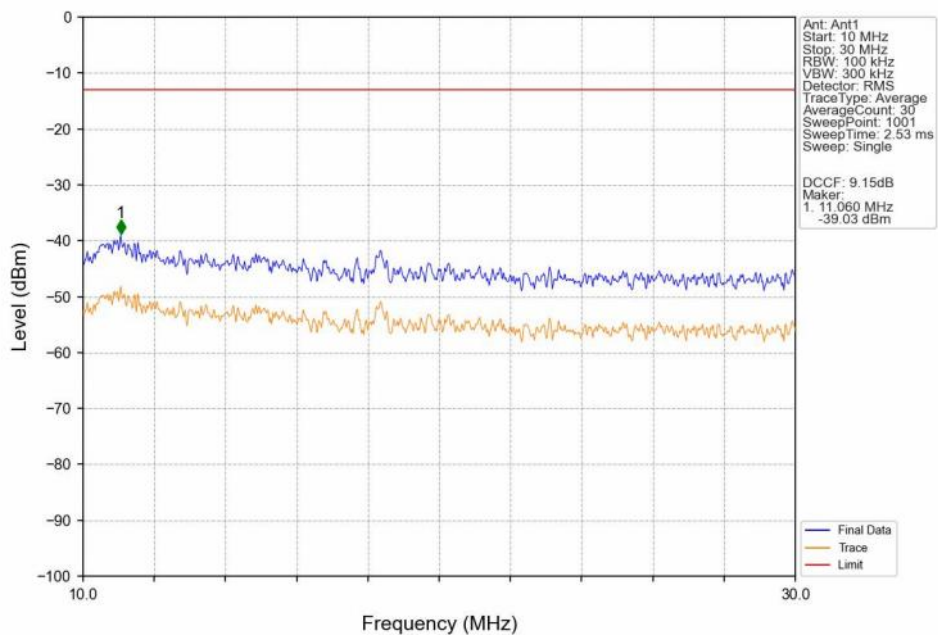
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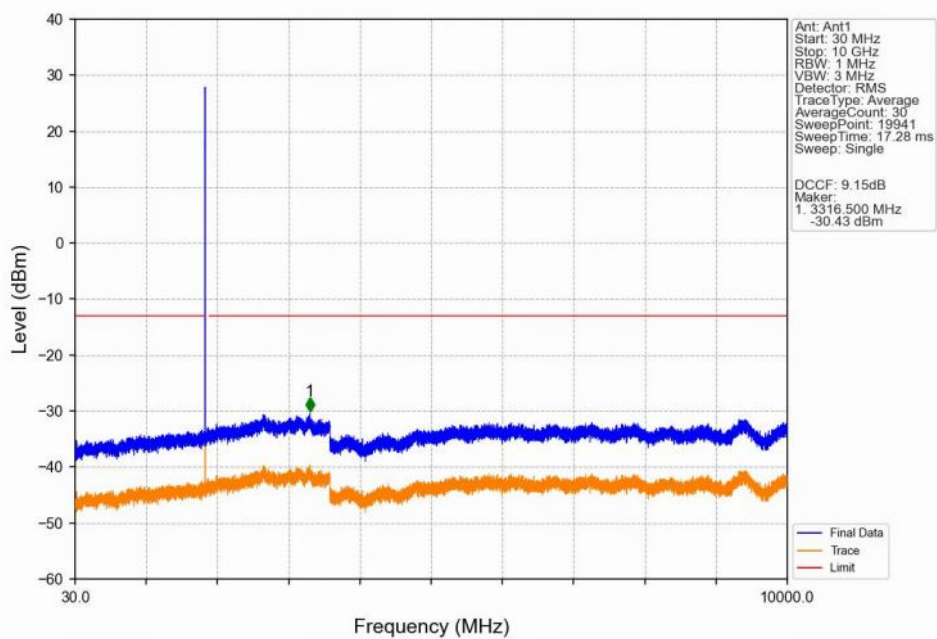
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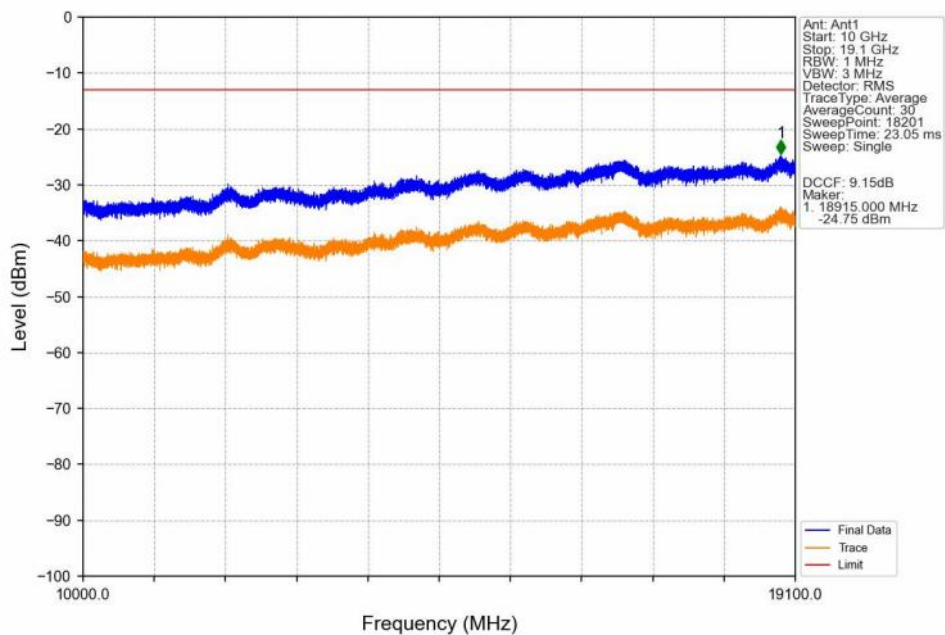
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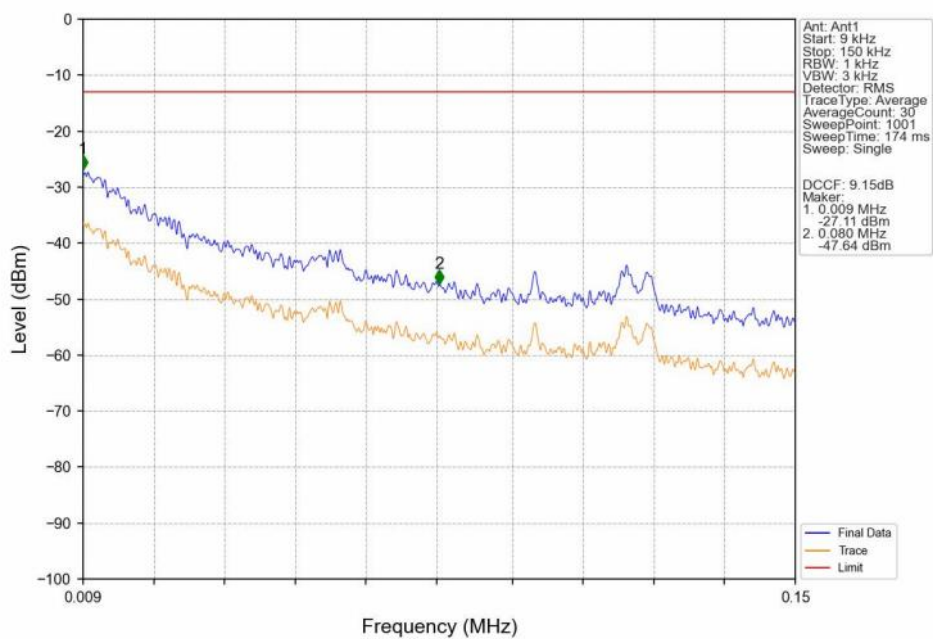
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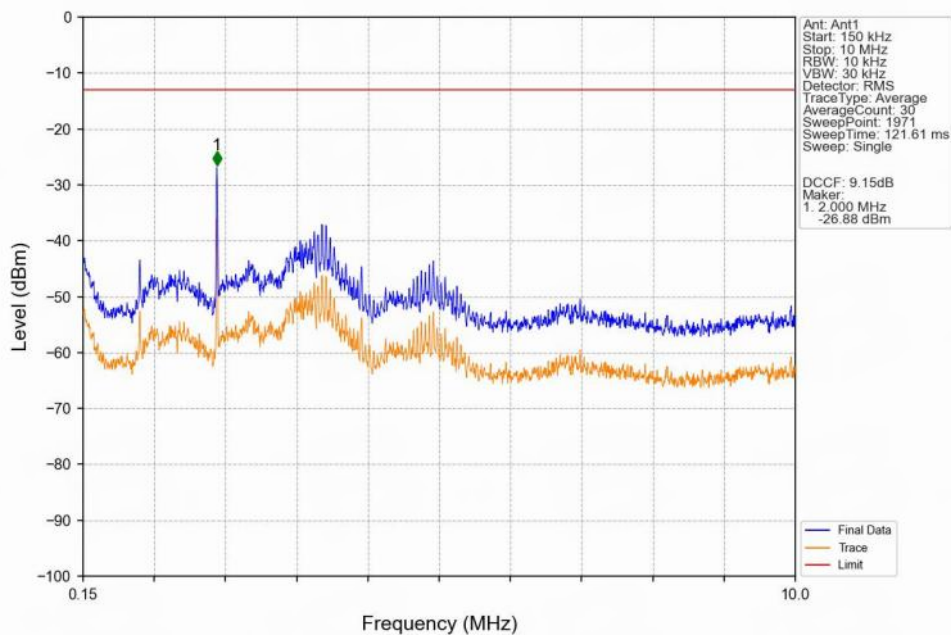
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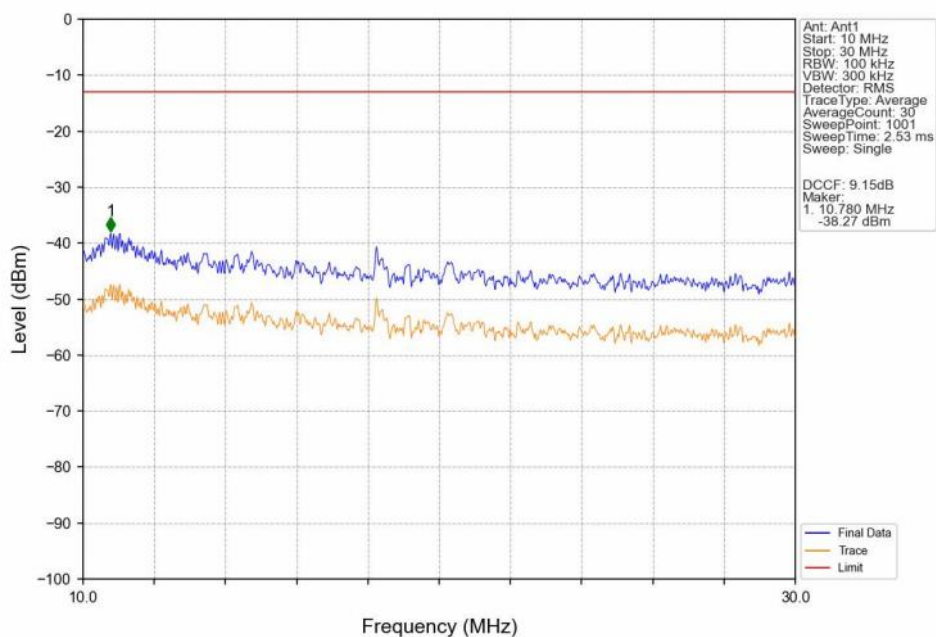
PCS1900\_GPRS\_MCH\_1880MHz\_1 TX Slot\_NTNV



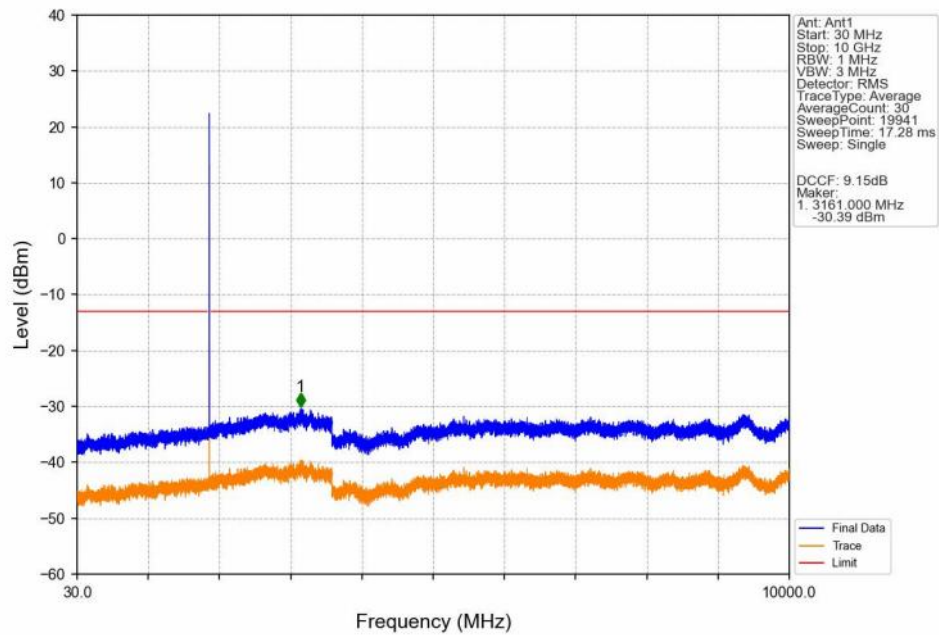
PCS1900\_GPRS\_MCH\_1880MHz\_1 TX Slot\_NTNV



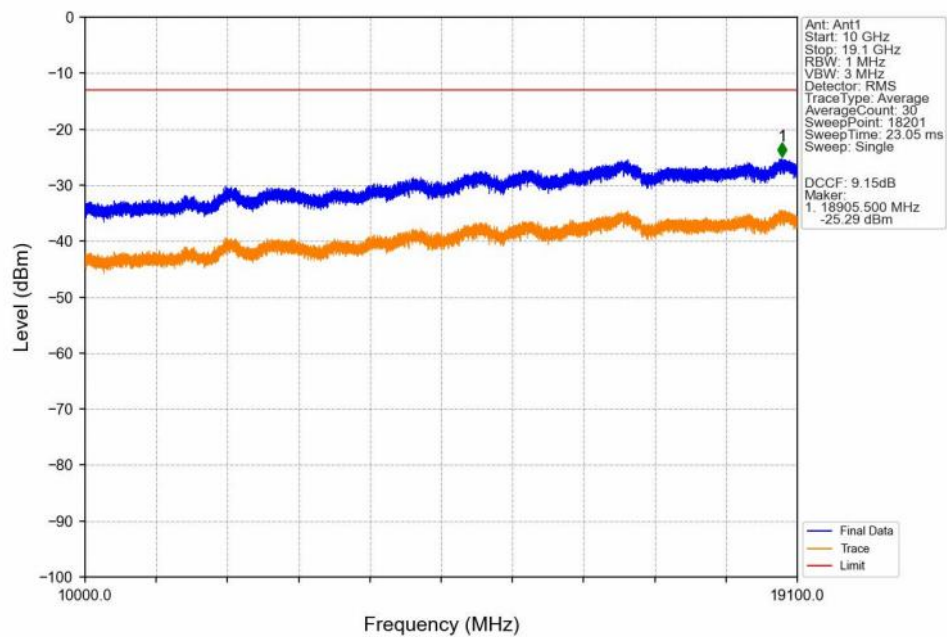
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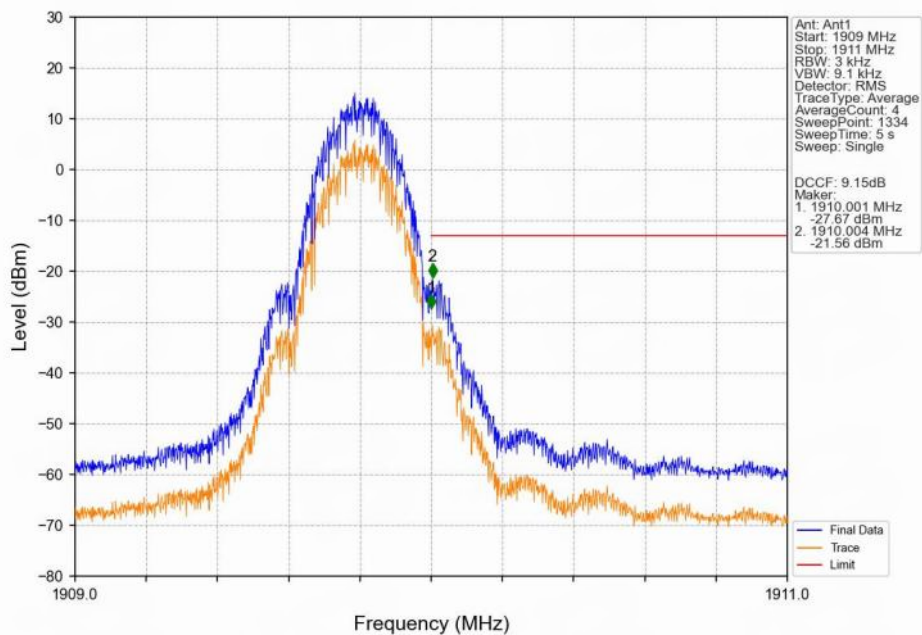
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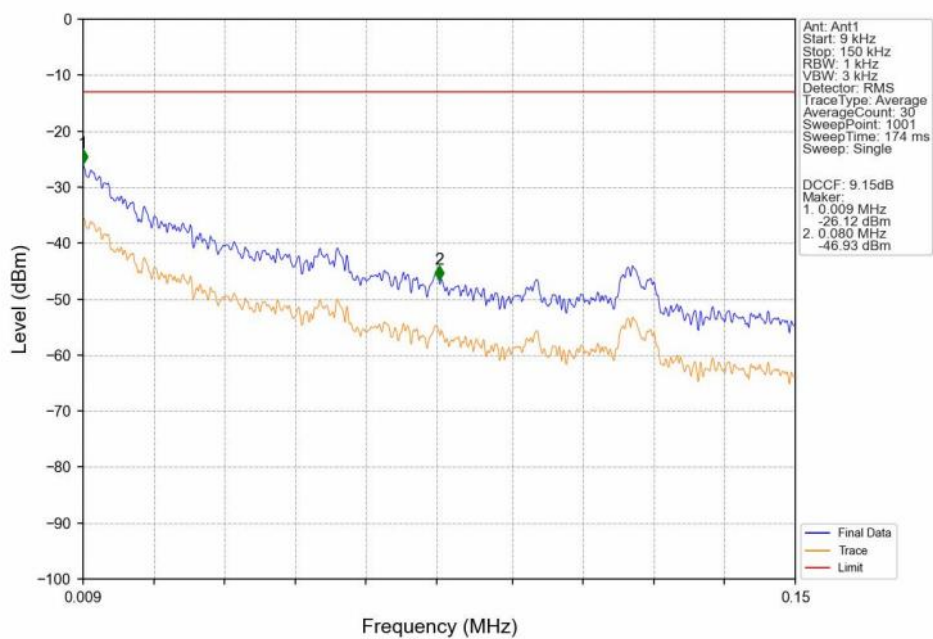
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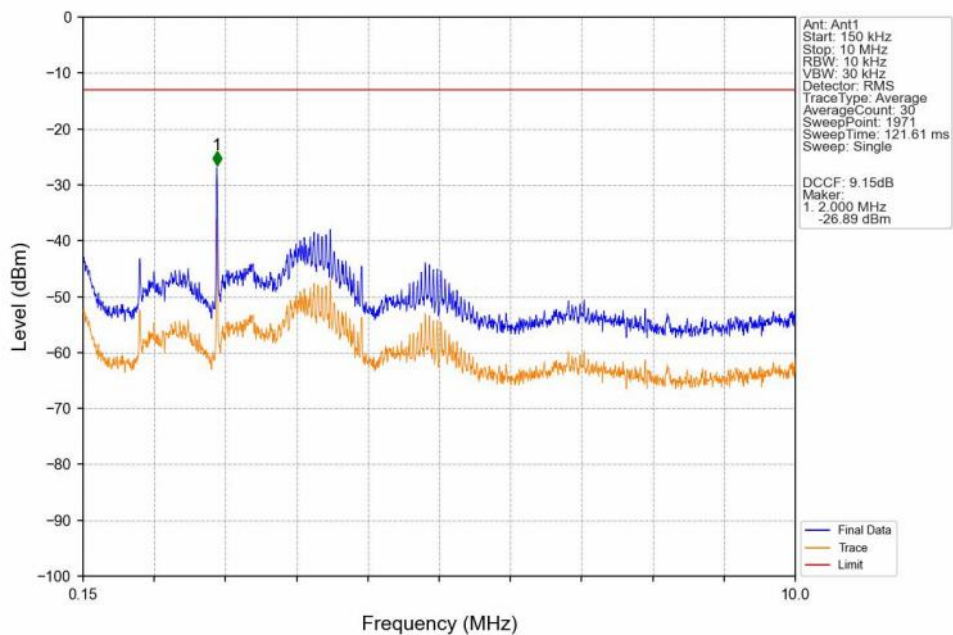
PCS1900\_GPRS\_HCH\_1909.8MHz\_1 TX Slot\_NTNV



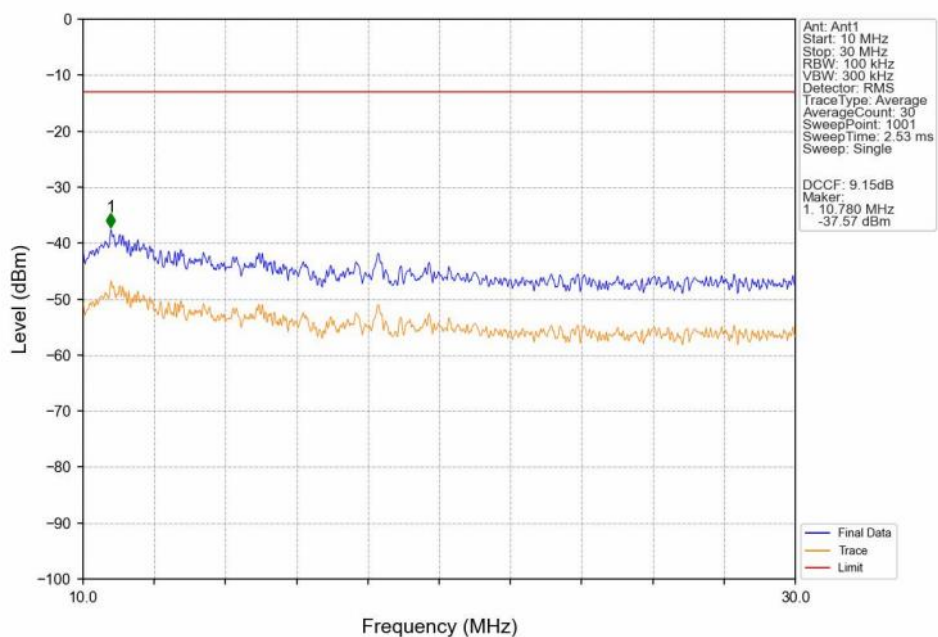
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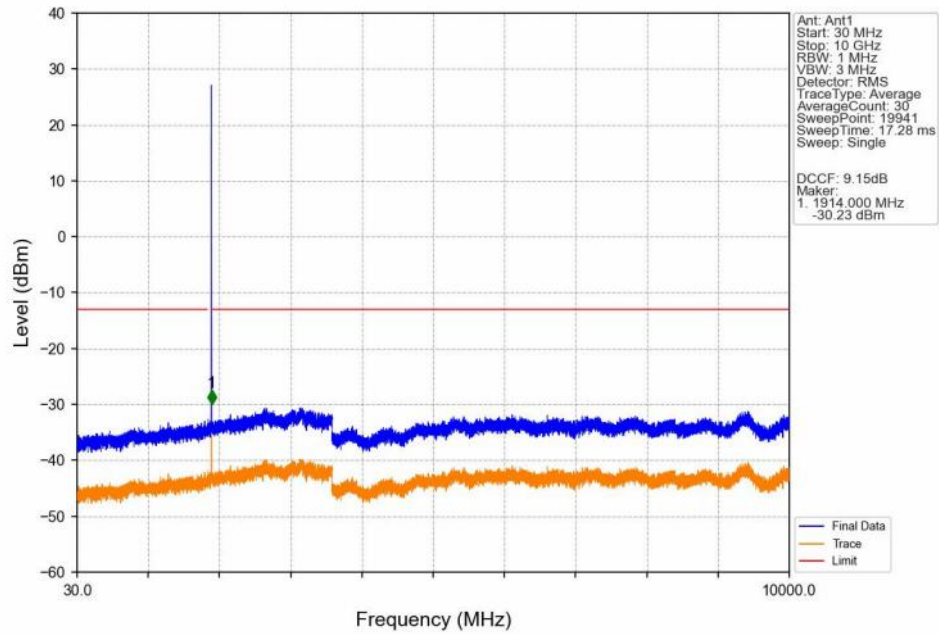
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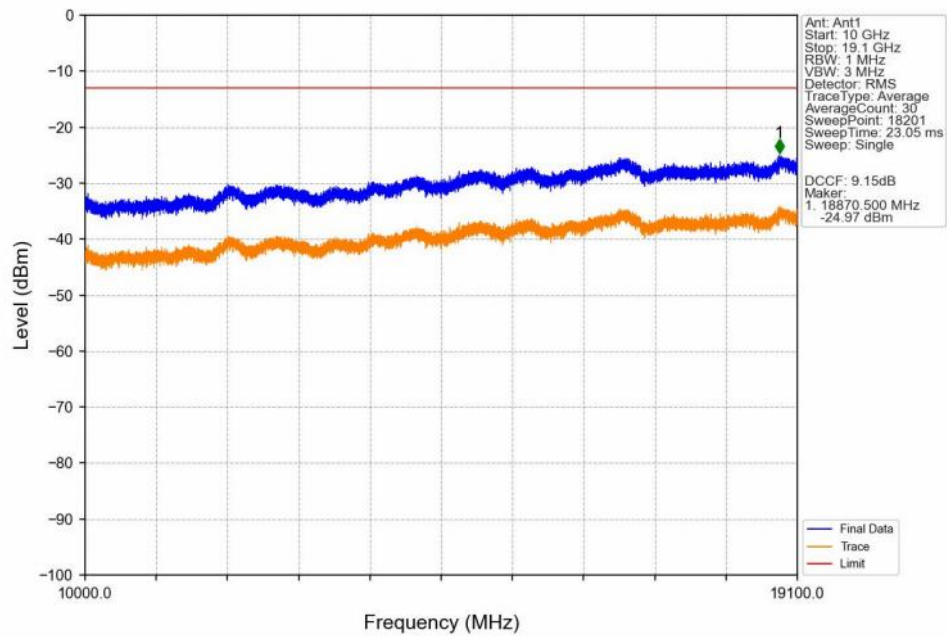
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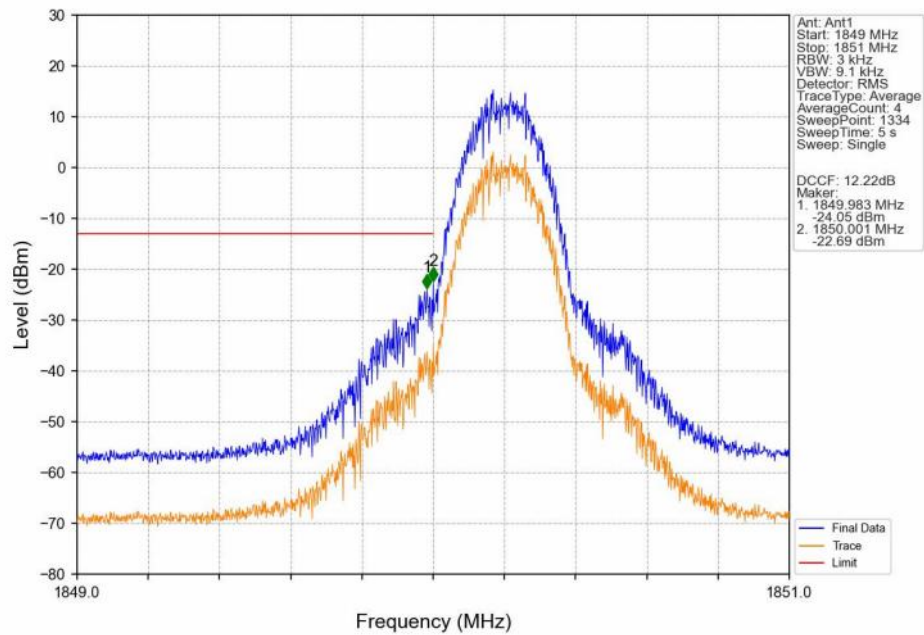
PCS1900\_GPRS\_HCH\_1909.8MHz\_1 TX Slot\_NTNV



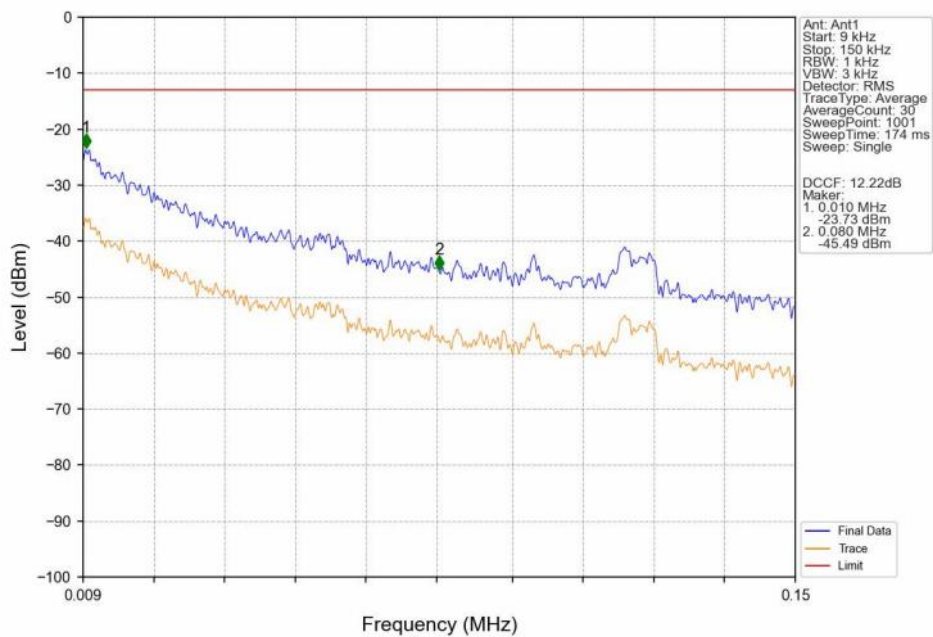
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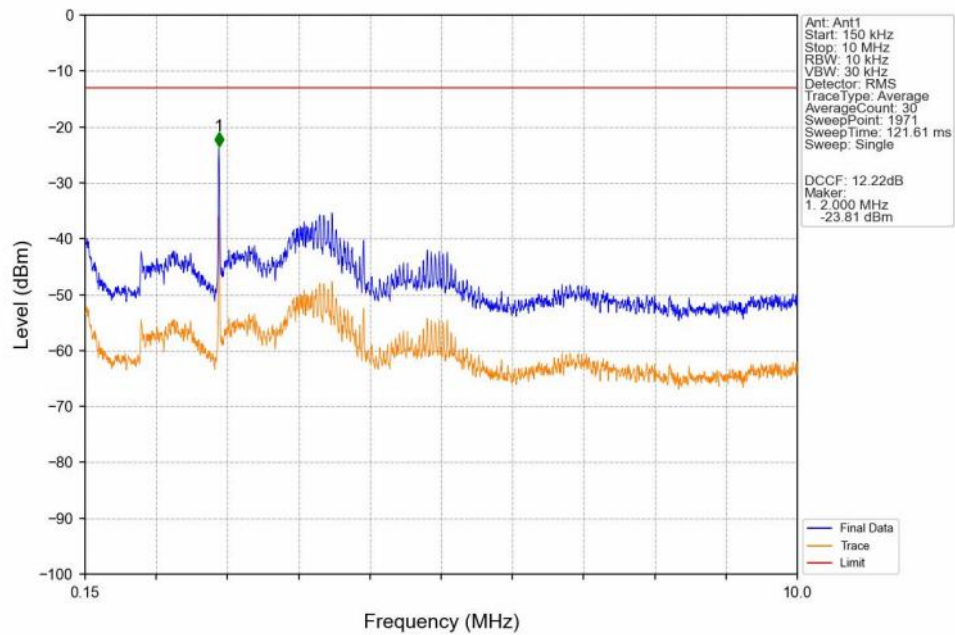
PCS1900\_EGPRS\_LCH\_1850.2MHz\_1 TX Slot\_NTNV



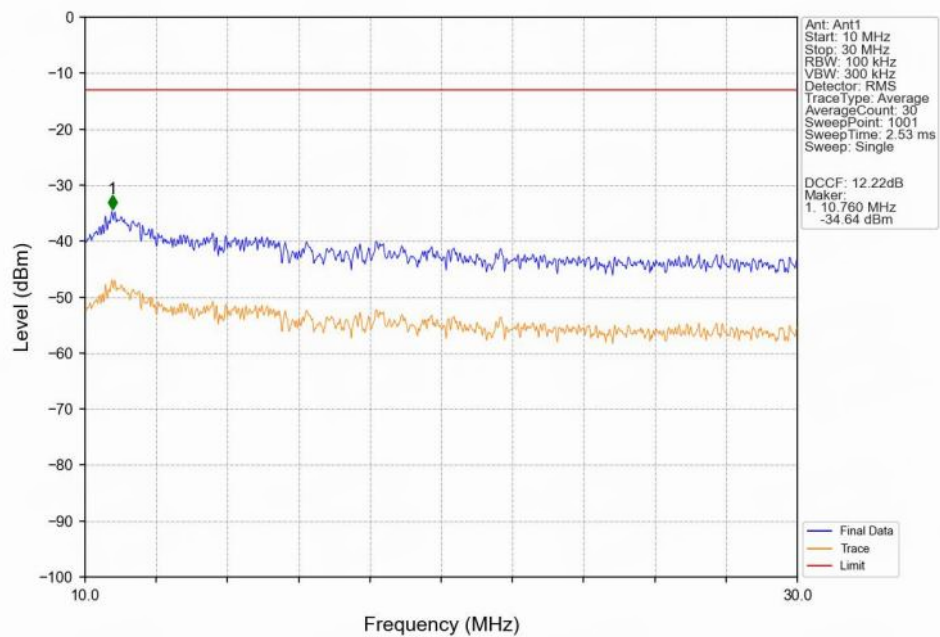
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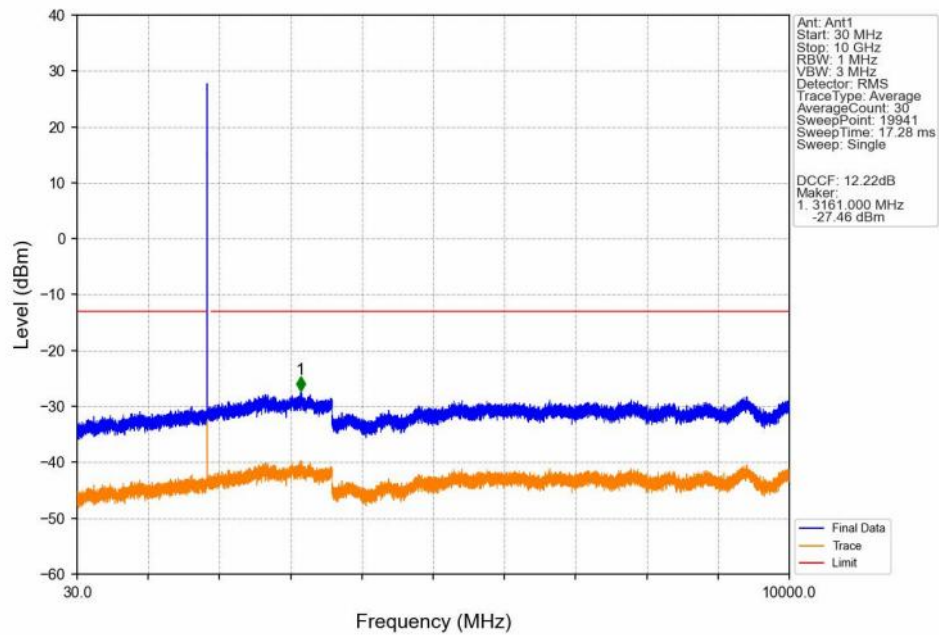
PCS1900\_EGPRS\_LCH\_1850.2MHz\_1 TX Slot\_NTNV



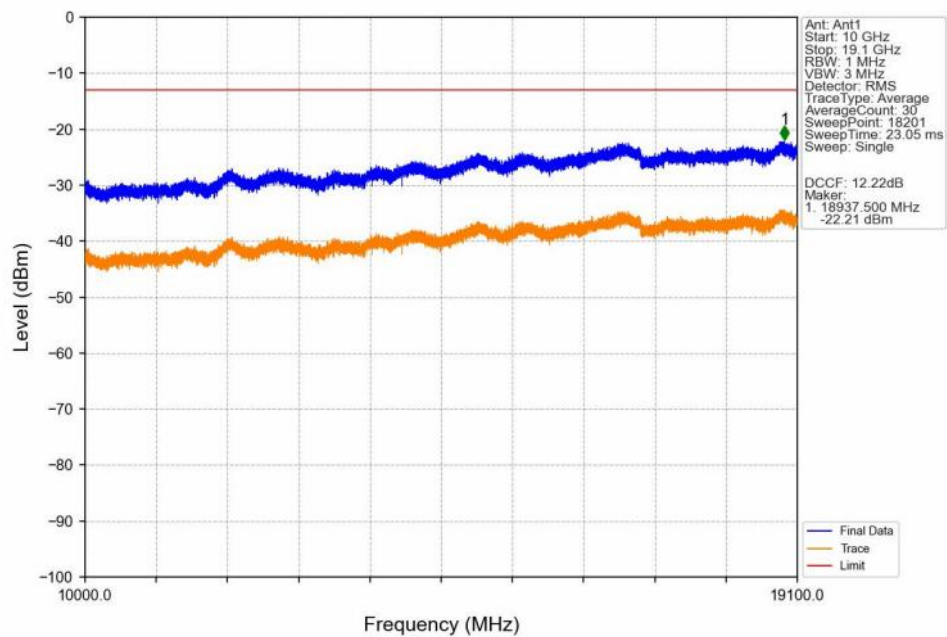
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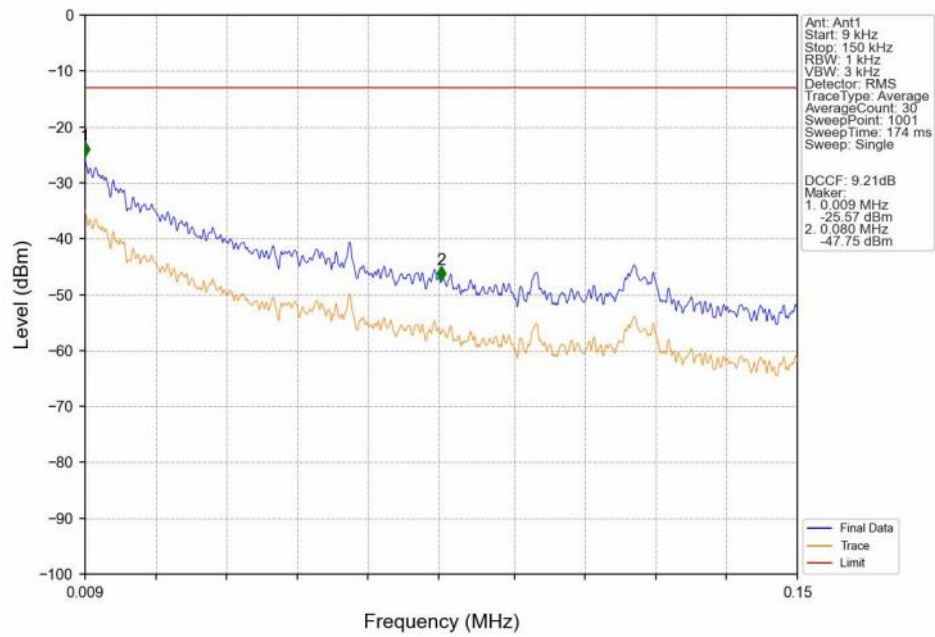
PCS1900\_EGPRS\_LCH\_1850.2MHz\_1 TX Slot\_NTNV



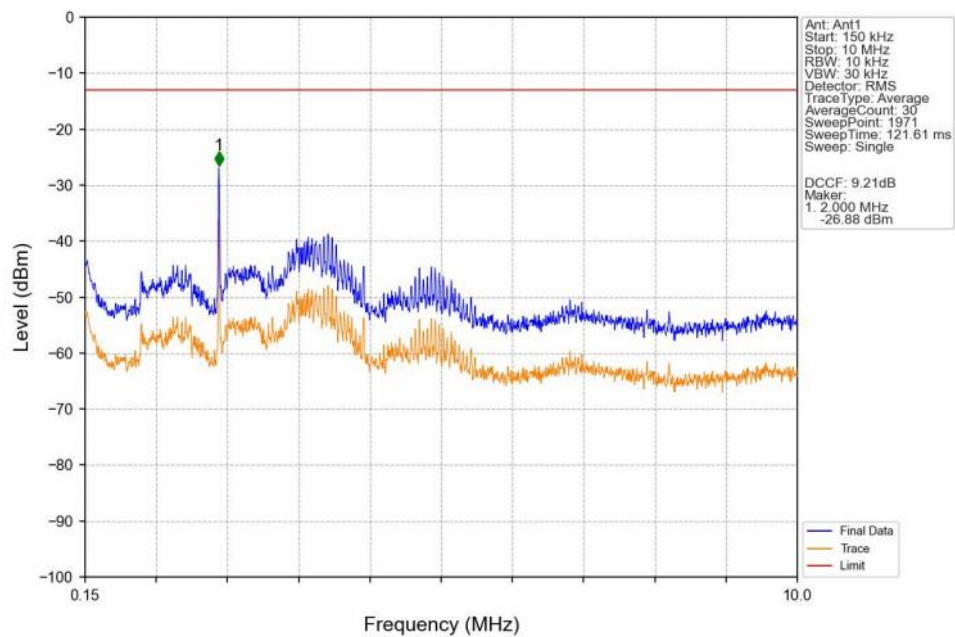
PCS1900\_EGPRS\_LCH\_1850.2MHz\_1 TX Slot\_NTNV



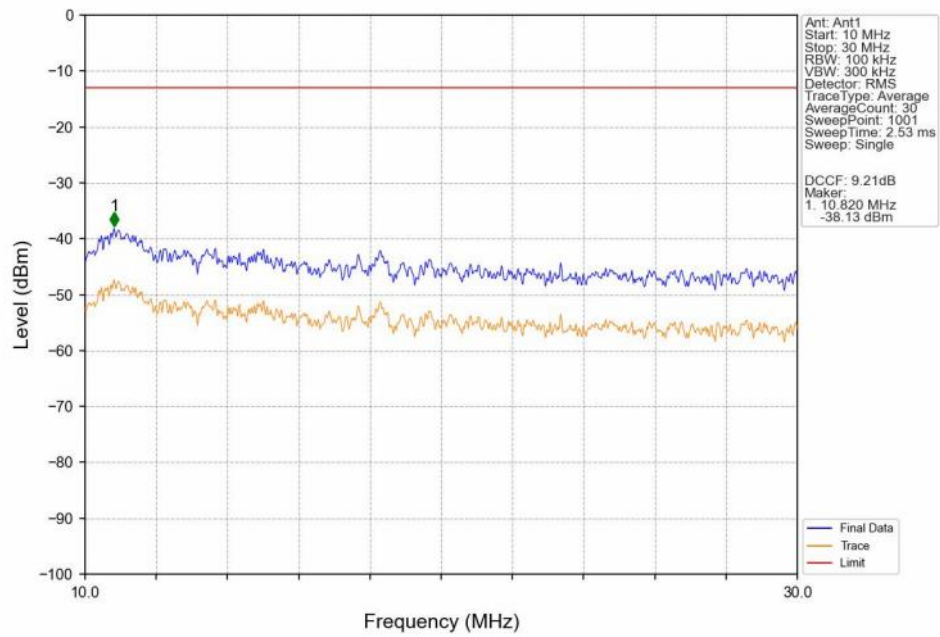
PCS1900\_EGPRS\_MCH\_1880MHz\_1 TX Slot\_NTNV



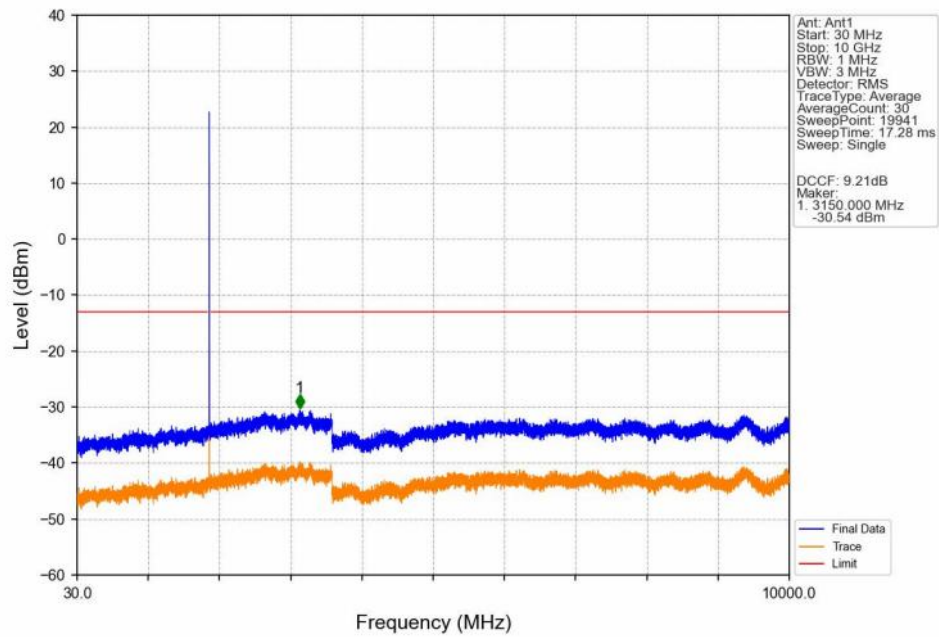
PCS1900\_EGPRS\_MCH\_1880MHz\_1 TX Slot\_NTNV



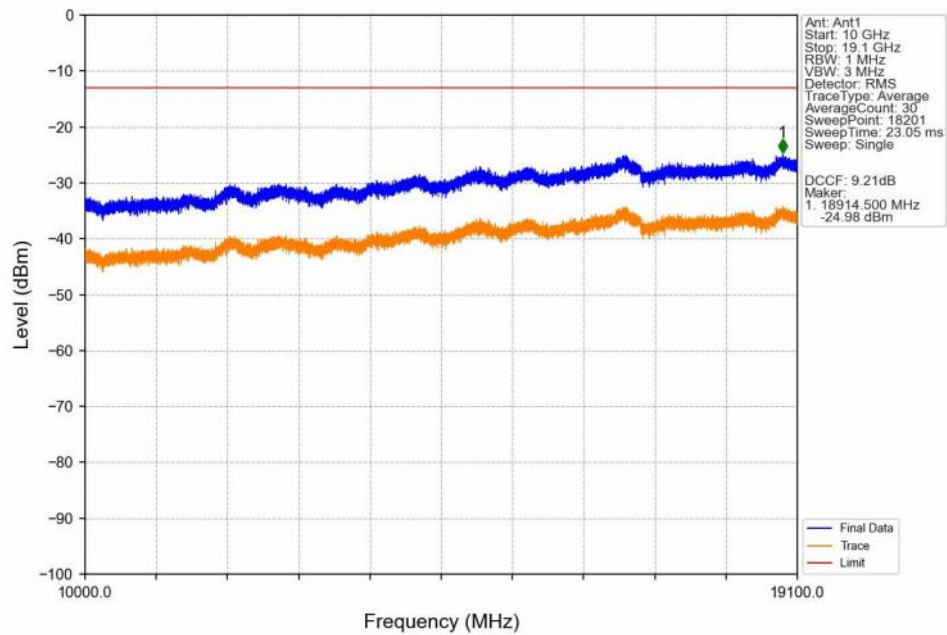
PCS1900\_EGPRS\_MCH\_1880MHz\_1 TX Slot\_NTNV



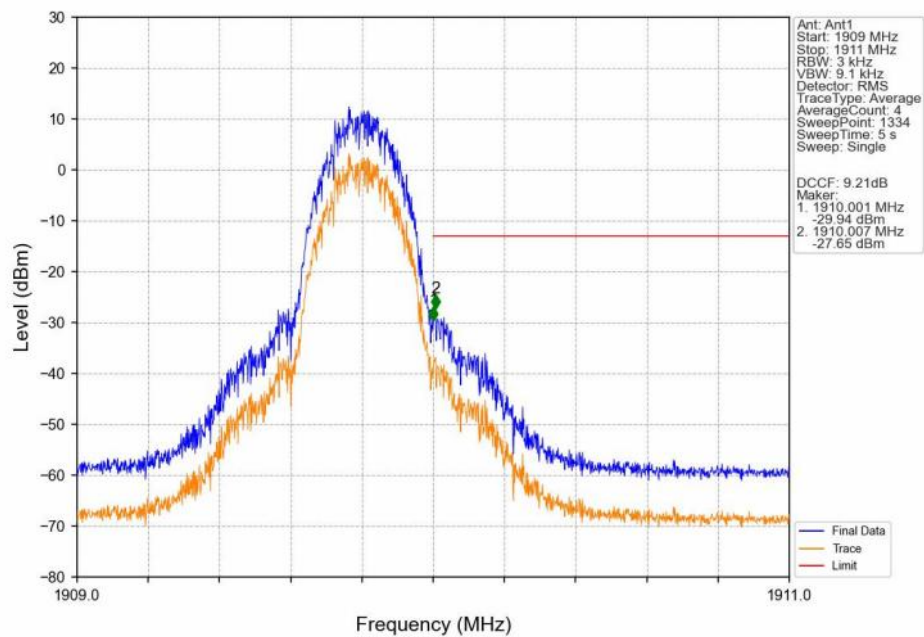
PCS1900\_EGPRS\_MCH\_1880MHz\_1 TX Slot\_NTNV



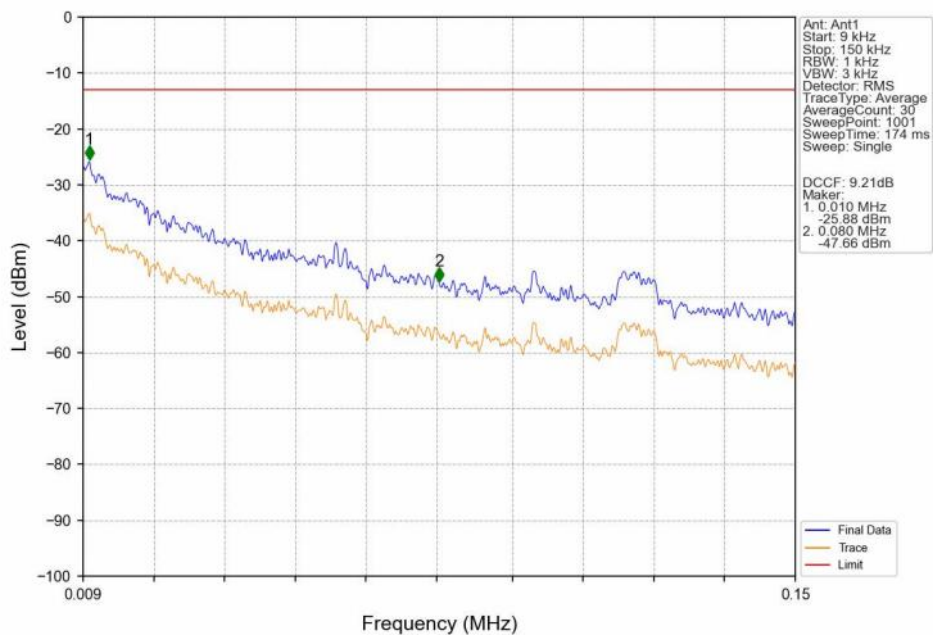
PCS1900\_EGPRS\_MCH\_1880MHz\_1 TX Slot\_NTNV



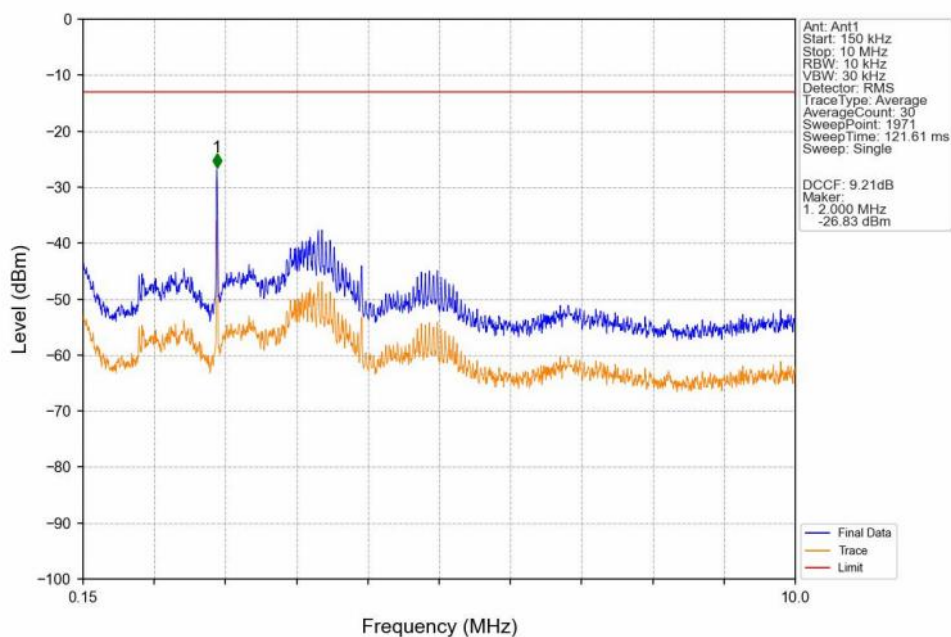
PCS1900\_EGPRS\_HCH\_1909.8MHz\_1 TX Slot\_NTNV



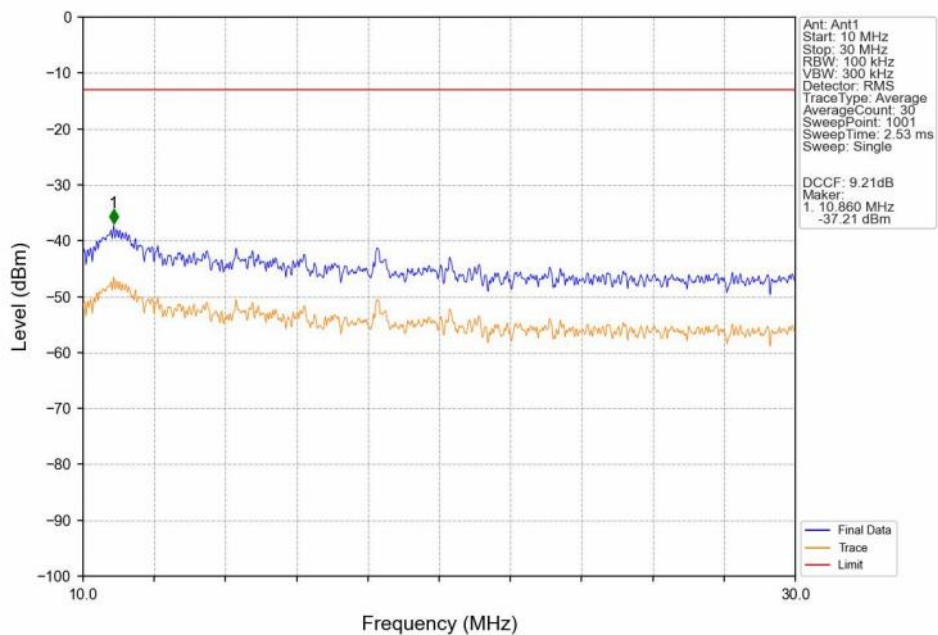
PCS1900\_EGPRS\_HCH\_1909.8MHz\_1 TX Slot\_NTNV



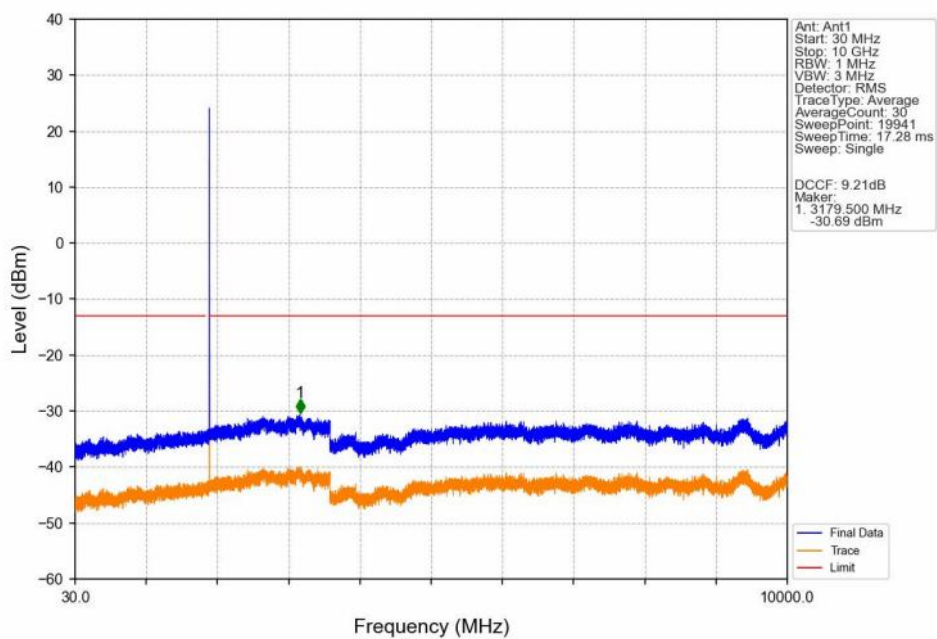
PCS1900\_EGPRS\_HCH\_1909.8MHz\_1 TX Slot\_NTNV



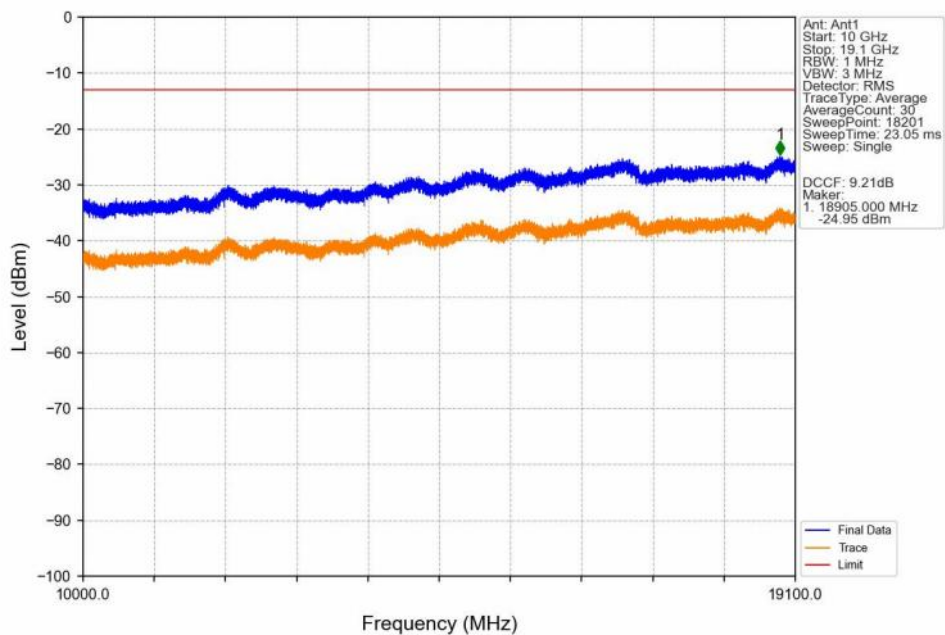
PCS1900\_EGPRS\_HCH\_1909.8MHz\_1 TX Slot\_NTNV



PCS1900\_EGPRS\_HCH\_1909.8MHz\_1 TX Slot\_NTNV



## PCS1900\_EGPRS\_HCH\_1909.8MHz\_1 TX Slot\_NTNV



## 7. Form731

### 7.1 Test Result

#### 7.1.1 Form731\_Power

| Band    | BW  | Lower Freq | High Freq | MAX Power (W) | Value  | Hz/ppm | Emission Designator | Rule Parts | MAX Power (dBm) |
|---------|-----|------------|-----------|---------------|--------|--------|---------------------|------------|-----------------|
| PCS1900 | 0.2 | 1850.2     | 1909.8    | 0.5998        | 0.0176 | ppm    | 249KGXW             | 24E        | 27.78           |
| PCS1900 | 0.2 | 1850.2     | 1909.8    | 0.3365        | 0.0091 | ppm    | 255KG7W             | 24E        | 25.27           |

#### 7.1.2 Form731\_EIRP

| Band    | BW  | Lower Freq | High Freq | MAX Power (W) | Value  | Hz/ppm | Emission Designator | Rule Parts | MAX Power (dBm) |
|---------|-----|------------|-----------|---------------|--------|--------|---------------------|------------|-----------------|
| PCS1900 | 0.2 | 1850.2     | 1909.8    | 1.1641        | 0.0176 | ppm    | 249KGXW             | 24E        | 30.66           |
| PCS1900 | 0.2 | 1850.2     | 1909.8    | 0.6531        | 0.0091 | ppm    | 255KG7W             | 24E        | 28.15           |