

## Appendix - PCS1900

### 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          | 28.09                 | -1.62      | 26.47      | <=33.01 | Pass    |
|               |         |            | 1880            | 28.43                 | -1.62      | 26.81      | <=33.01 | Pass    |
|               |         |            | 1909.8          | 28.72                 | -1.62      | 27.10      | <=33.01 | Pass    |
|               | GPRS    | 1 TX Slot  | 1850.2          | 22.03                 | -1.62      | 20.41      | <=33.01 | Pass    |
|               |         | 2 TX Slots | 1850.2          | 21.28                 | -1.62      | 19.66      | <=33.01 | Pass    |
|               |         | 3 TX Slots | 1850.2          | 19.54                 | -1.62      | 17.92      | <=33.01 | Pass    |
|               |         | 4 TX Slots | 1850.2          | 18.49                 | -1.62      | 16.87      | <=33.01 | Pass    |
|               |         | 1 TX Slot  | 1880            | 25.69                 | -1.62      | 24.07      | <=33.01 | Pass    |
|               |         | 2 TX Slots | 1880            | 24.93                 | -1.62      | 23.31      | <=33.01 | Pass    |
|               |         | 3 TX Slots | 1880            | 23.29                 | -1.62      | 21.67      | <=33.01 | Pass    |
|               |         | 4 TX Slots | 1880            | 22.31                 | -1.62      | 20.69      | <=33.01 | Pass    |
|               |         | 1 TX Slot  | 1909.8          | 31.06                 | -1.62      | 29.44      | <=33.01 | Pass    |
|               |         | 2 TX Slots | 1909.8          | 30.38                 | -1.62      | 28.76      | <=33.01 | Pass    |
|               |         | 3 TX Slots | 1909.8          | 27.96                 | -1.62      | 26.34      | <=33.01 | Pass    |
|               |         | 4 TX Slots | 1909.8          | 27.90                 | -1.62      | 26.28      | <=33.01 | Pass    |
|               | EGPRS   | 1 TX Slot  | 1850.2          | 23.92                 | -1.62      | 22.30      | <=33.01 | Pass    |
|               |         | 2 TX Slots | 1850.2          | 22.89                 | -1.62      | 21.27      | <=33.01 | Pass    |
|               |         | 3 TX Slots | 1850.2          | 20.81                 | -1.62      | 19.19      | <=33.01 | Pass    |
|               |         | 4 TX Slots | 1850.2          | 19.59                 | -1.62      | 17.97      | <=33.01 | Pass    |
|               |         | 1 TX Slot  | 1880            | 25.41                 | -1.62      | 23.79      | <=33.01 | Pass    |
|               |         | 2 TX Slots | 1880            | 23.17                 | -1.62      | 21.55      | <=33.01 | Pass    |
|               |         | 3 TX Slots | 1880            | 21.07                 | -1.62      | 19.45      | <=33.01 | Pass    |
|               |         | 4 TX Slots | 1880            | 19.85                 | -1.62      | 18.23      | <=33.01 | Pass    |
|               |         | 1 TX Slot  | 1909.8          | 25.78                 | -1.62      | 24.16      | <=33.01 | Pass    |
|               |         | 2 TX Slots | 1909.8          | 23.54                 | -1.62      | 21.92      | <=33.01 | Pass    |
|               |         | 3 TX Slots | 1909.8          | 21.58                 | -1.62      | 19.96      | <=33.01 | Pass    |
|               |         | 4 TX Slots | 1909.8          | 20.21                 | -1.62      | 18.59      | <=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          | -7.038           | -0.0038               | -2.5 to 2.5 | Pass    |
|               |                 |            | 3.85          | -5.295           | -0.0029               | -2.5 to 2.5 | Pass    |
|               |                 |            | 4.43          | -7.587           | -0.0041               | -2.5 to 2.5 | Pass    |
|               |                 | -30        | 3.85          | 0.291            | 0.0002                | -2.5 to 2.5 | Pass    |
|               |                 | -20        | 3.85          | -3.874           | -0.0021               | -2.5 to 2.5 | Pass    |
|               |                 | -10        | 3.85          | -15.045          | -0.0081               | -2.5 to 2.5 | Pass    |
|               |                 | 0          | 3.85          | -6.812           | -0.0037               | -2.5 to 2.5 | Pass    |

|      |        |     |      |         |         |             |      |
|------|--------|-----|------|---------|---------|-------------|------|
|      |        | 10  | 3.85 | -16.982 | -0.0092 | -2.5 to 2.5 | Pass |
|      |        | 30  | 3.85 | -14.238 | -0.0077 | -2.5 to 2.5 | Pass |
|      |        | 40  | 3.85 | -15.207 | -0.0082 | -2.5 to 2.5 | Pass |
|      |        | 50  | 3.85 | -8.685  | -0.0047 | -2.5 to 2.5 | Pass |
|      | 1880   | 20  | 3.27 | -0.032  | 0.0000  | -2.5 to 2.5 | Pass |
|      |        |     | 3.85 | -2.163  | -0.0012 | -2.5 to 2.5 | Pass |
|      |        |     | 4.43 | -0.710  | -0.0004 | -2.5 to 2.5 | Pass |
|      |        | -30 | 3.85 | 0.646   | 0.0003  | -2.5 to 2.5 | Pass |
|      |        | -20 | 3.85 | -1.065  | -0.0006 | -2.5 to 2.5 | Pass |
|      |        | -10 | 3.85 | -5.133  | -0.0027 | -2.5 to 2.5 | Pass |
|      |        | 0   | 3.85 | -9.589  | -0.0051 | -2.5 to 2.5 | Pass |
|      |        | 10  | 3.85 | -5.585  | -0.0030 | -2.5 to 2.5 | Pass |
|      |        | 30  | 3.85 | -10.525 | -0.0056 | -2.5 to 2.5 | Pass |
|      |        | 40  | 3.85 | -7.297  | -0.0039 | -2.5 to 2.5 | Pass |
|      |        | 50  | 3.85 | -8.136  | -0.0043 | -2.5 to 2.5 | Pass |
|      | 1909.8 | 20  | 3.27 | 0.969   | 0.0005  | -2.5 to 2.5 | Pass |
|      |        |     | 3.85 | -2.486  | -0.0013 | -2.5 to 2.5 | Pass |
|      |        |     | 4.43 | -1.098  | -0.0006 | -2.5 to 2.5 | Pass |
|      |        | -30 | 3.85 | -3.358  | -0.0018 | -2.5 to 2.5 | Pass |
|      |        | -20 | 3.85 | -2.066  | -0.0011 | -2.5 to 2.5 | Pass |
|      |        | -10 | 3.85 | -9.653  | -0.0051 | -2.5 to 2.5 | Pass |
|      |        | 0   | 3.85 | -9.750  | -0.0051 | -2.5 to 2.5 | Pass |
|      |        | 10  | 3.85 | -6.651  | -0.0035 | -2.5 to 2.5 | Pass |
|      |        | 30  | 3.85 | -2.615  | -0.0014 | -2.5 to 2.5 | Pass |
|      |        | 40  | 3.85 | -5.295  | -0.0028 | -2.5 to 2.5 | Pass |
|      |        | 50  | 3.85 | -0.581  | -0.0003 | -2.5 to 2.5 | Pass |
| GPRS | 1850.2 | 20  | 3.27 | -5.715  | -0.0031 | -2.5 to 2.5 | Pass |
|      |        |     | 3.85 | 0.129   | 0.0001  | -2.5 to 2.5 | Pass |
|      |        |     | 4.43 | 2.809   | 0.0015  | -2.5 to 2.5 | Pass |
|      |        | -30 | 3.85 | -5.004  | -0.0027 | -2.5 to 2.5 | Pass |
|      |        | -20 | 3.85 | 0.646   | 0.0003  | -2.5 to 2.5 | Pass |
|      |        | -10 | 3.85 | -4.778  | -0.0026 | -2.5 to 2.5 | Pass |
|      |        | 0   | 3.85 | 9.847   | 0.0053  | -2.5 to 2.5 | Pass |
|      |        | 10  | 3.85 | 17.144  | 0.0093  | -2.5 to 2.5 | Pass |
|      |        | 30  | 3.85 | 9.137   | 0.0049  | -2.5 to 2.5 | Pass |
|      |        | 40  | 3.85 | 11.526  | 0.0062  | -2.5 to 2.5 | Pass |
|      |        | 50  | 3.85 | 6.845   | 0.0037  | -2.5 to 2.5 | Pass |
|      | 1880   | 20  | 3.27 | -3.293  | -0.0018 | -2.5 to 2.5 | Pass |
|      |        |     | 3.85 | -8.297  | -0.0044 | -2.5 to 2.5 | Pass |
|      |        |     | 4.43 | -4.100  | -0.0022 | -2.5 to 2.5 | Pass |
|      |        | -30 | 3.85 | -1.324  | -0.0007 | -2.5 to 2.5 | Pass |
|      |        | -20 | 3.85 | -3.681  | -0.0020 | -2.5 to 2.5 | Pass |
|      |        | -10 | 3.85 | -3.358  | -0.0018 | -2.5 to 2.5 | Pass |
|      |        | 0   | 3.85 | 2.163   | 0.0012  | -2.5 to 2.5 | Pass |
|      |        | 10  | 3.85 | 6.554   | 0.0035  | -2.5 to 2.5 | Pass |
|      |        | 30  | 3.85 | 0.581   | 0.0003  | -2.5 to 2.5 | Pass |
|      |        | 40  | 3.85 | 7.167   | 0.0038  | -2.5 to 2.5 | Pass |
|      |        | 50  | 3.85 | -4.391  | -0.0023 | -2.5 to 2.5 | Pass |
|      | 1909.8 | 20  | 3.27 | -4.520  | -0.0024 | -2.5 to 2.5 | Pass |
|      |        |     | 3.85 | -2.744  | -0.0014 | -2.5 to 2.5 | Pass |
|      |        |     | 4.43 | -1.485  | -0.0008 | -2.5 to 2.5 | Pass |
|      |        | -30 | 3.85 | -2.809  | -0.0015 | -2.5 to 2.5 | Pass |
|      |        | -20 | 3.85 | -1.130  | -0.0006 | -2.5 to 2.5 | Pass |
|      |        | -10 | 3.85 | -6.586  | -0.0034 | -2.5 to 2.5 | Pass |
|      |        | 0   | 3.85 | 0.420   | 0.0002  | -2.5 to 2.5 | Pass |
|      |        | 10  | 3.85 | 4.391   | 0.0023  | -2.5 to 2.5 | Pass |
|      |        | 30  | 3.85 | 7.523   | 0.0039  | -2.5 to 2.5 | Pass |
|      |        | 40  | 3.85 | 5.811   | 0.0030  | -2.5 to 2.5 | Pass |
|      |        | 50  | 3.85 | 3.455   | 0.0018  | -2.5 to 2.5 | Pass |

|       |        |     |      |        |         |             |      |
|-------|--------|-----|------|--------|---------|-------------|------|
| EGPRS | 1850.2 | 20  | 3.27 | -4.100 | -0.0022 | -2.5 to 2.5 | Pass |
|       |        |     | 3.85 | -2.518 | -0.0014 | -2.5 to 2.5 | Pass |
|       |        |     | 4.43 | -4.714 | -0.0025 | -2.5 to 2.5 | Pass |
|       |        | -30 | 3.85 | -6.296 | -0.0034 | -2.5 to 2.5 | Pass |
|       |        | -20 | 3.85 | 0.258  | 0.0001  | -2.5 to 2.5 | Pass |
|       |        | -10 | 3.85 | -2.421 | -0.0013 | -2.5 to 2.5 | Pass |
|       |        | 0   | 3.85 | 4.423  | 0.0024  | -2.5 to 2.5 | Pass |
|       |        | 10  | 3.85 | 6.263  | 0.0034  | -2.5 to 2.5 | Pass |
|       |        | 30  | 3.85 | 4.714  | 0.0025  | -2.5 to 2.5 | Pass |
|       |        | 40  | 3.85 | 6.554  | 0.0035  | -2.5 to 2.5 | Pass |
|       |        | 50  | 3.85 | 1.227  | 0.0007  | -2.5 to 2.5 | Pass |
|       | 1880   | 20  | 3.27 | -1.808 | -0.0010 | -2.5 to 2.5 | Pass |
|       |        |     | 3.85 | -2.163 | -0.0012 | -2.5 to 2.5 | Pass |
|       |        |     | 4.43 | 1.582  | 0.0008  | -2.5 to 2.5 | Pass |
|       |        | -30 | 3.85 | -2.066 | -0.0011 | -2.5 to 2.5 | Pass |
|       |        | -20 | 3.85 | -7.297 | -0.0039 | -2.5 to 2.5 | Pass |
|       |        | -10 | 3.85 | -0.936 | -0.0005 | -2.5 to 2.5 | Pass |
|       |        | 0   | 3.85 | 0.065  | 0.0000  | -2.5 to 2.5 | Pass |
|       |        | 10  | 3.85 | 1.679  | 0.0009  | -2.5 to 2.5 | Pass |
|       |        | 30  | 3.85 | -2.970 | -0.0016 | -2.5 to 2.5 | Pass |
|       |        | 40  | 3.85 | -2.292 | -0.0012 | -2.5 to 2.5 | Pass |
|       |        | 50  | 3.85 | -3.487 | -0.0019 | -2.5 to 2.5 | Pass |
|       | 1909.8 | 20  | 3.27 | -5.682 | -0.0030 | -2.5 to 2.5 | Pass |
|       |        |     | 3.85 | -4.488 | -0.0023 | -2.5 to 2.5 | Pass |
|       |        |     | 4.43 | -8.749 | -0.0046 | -2.5 to 2.5 | Pass |
|       |        | -30 | 3.85 | -7.749 | -0.0041 | -2.5 to 2.5 | Pass |
|       |        | -20 | 3.85 | -9.105 | -0.0048 | -2.5 to 2.5 | Pass |
|       |        | -10 | 3.85 | -9.040 | -0.0047 | -2.5 to 2.5 | Pass |
|       |        | 0   | 3.85 | 0.969  | 0.0005  | -2.5 to 2.5 | Pass |
|       |        | 10  | 3.85 | -1.388 | -0.0007 | -2.5 to 2.5 | Pass |
|       |        | 30  | 3.85 | -6.360 | -0.0033 | -2.5 to 2.5 | Pass |
|       |        | 40  | 3.85 | -0.936 | -0.0005 | -2.5 to 2.5 | Pass |
|       |        | 50  | 3.85 | 3.842  | 0.0020  | -2.5 to 2.5 | Pass |

### 3. Modulation Characteristics

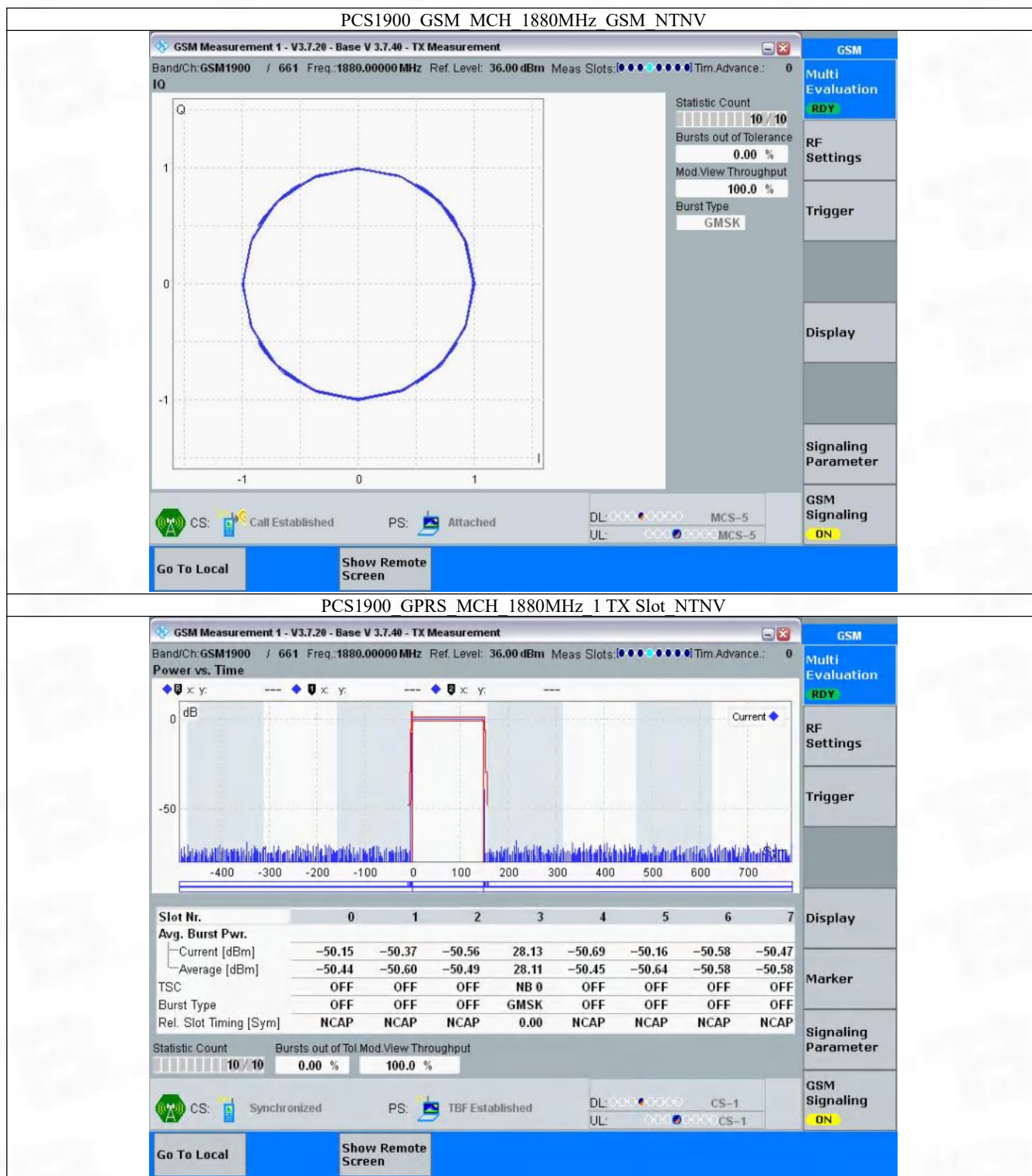
#### 3.1 Test Result

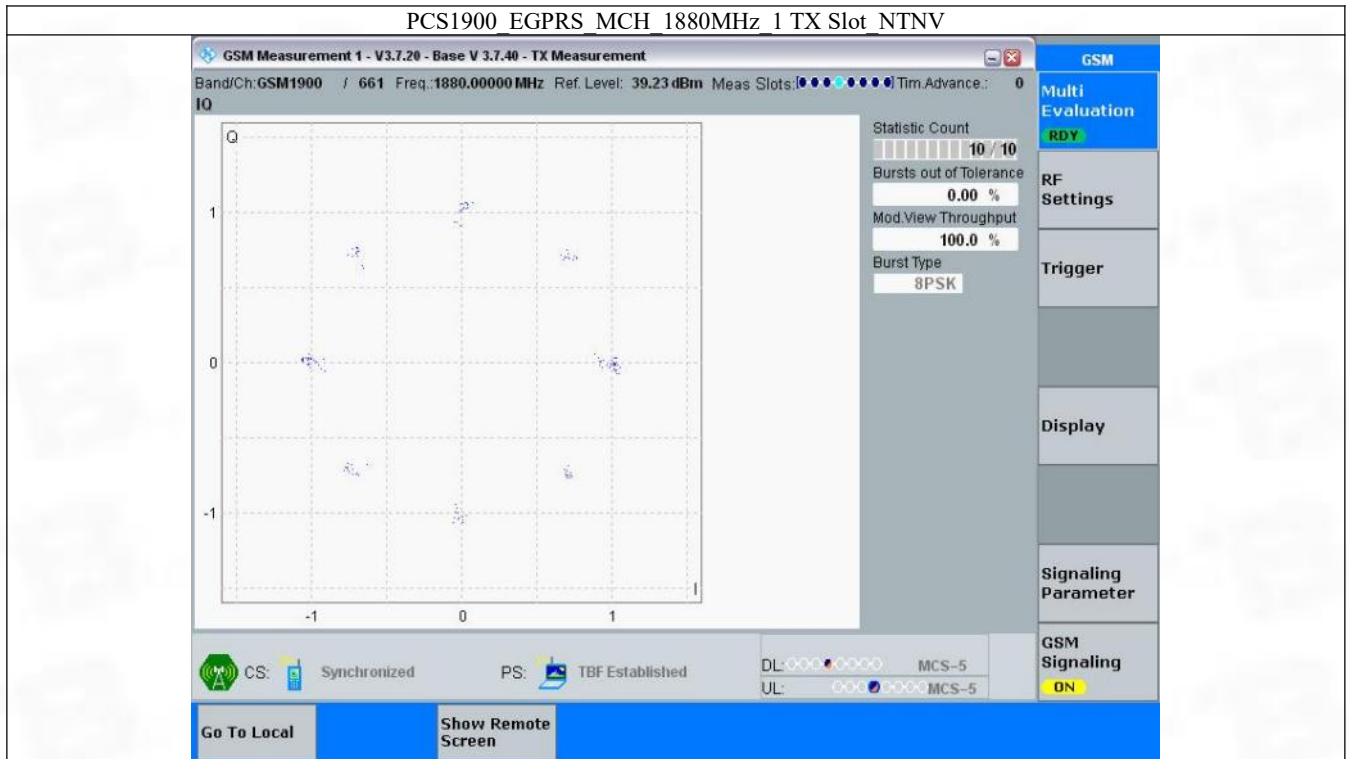
##### 3.1.1 PCS1900

| 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





## 4. 99% & 26dB Bandwidth

### 4.1 Test Result

#### 4.1.1 PCS1900\_OBW

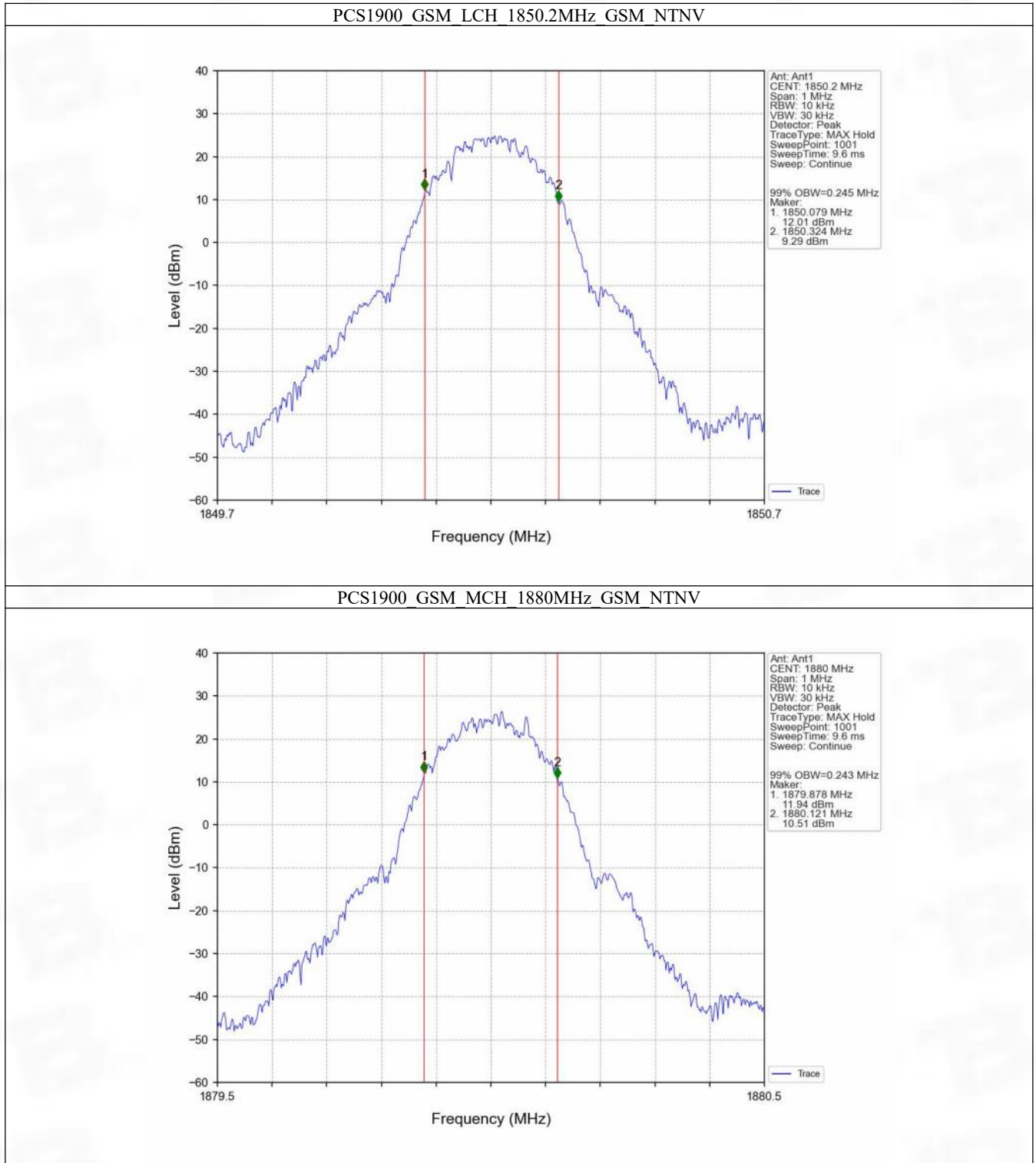
| Band: PCS1900 |         |           |                 |                              |       |         |
|---------------|---------|-----------|-----------------|------------------------------|-------|---------|
| ENV           | Mode    |           | Frequency (MHz) | 99% Occupied Bandwidth (MHz) |       | Verdict |
|               | Network | Subset    |                 | Result                       | Limit |         |
| NTNV          | GSM     | GSM       | 1850.2          | 0.245                        | /     | Pass    |
|               |         |           | 1880            | 0.243                        | /     | Pass    |
|               |         |           | 1909.8          | 0.239                        | /     | Pass    |
|               | GPRS    | 1 TX Slot | 1850.2          | 0.245                        | /     | Pass    |
|               |         |           | 1880            | 0.245                        | /     | Pass    |
|               |         |           | 1909.8          | 0.243                        | /     | Pass    |
|               | EGPRS   | 1 TX Slot | 1850.2          | 0.240                        | /     | Pass    |
|               |         |           | 1880            | 0.251                        | /     | Pass    |
|               |         |           | 1909.8          | 0.240                        | /     | Pass    |

#### 4.1.2 PCS1900\_XDB

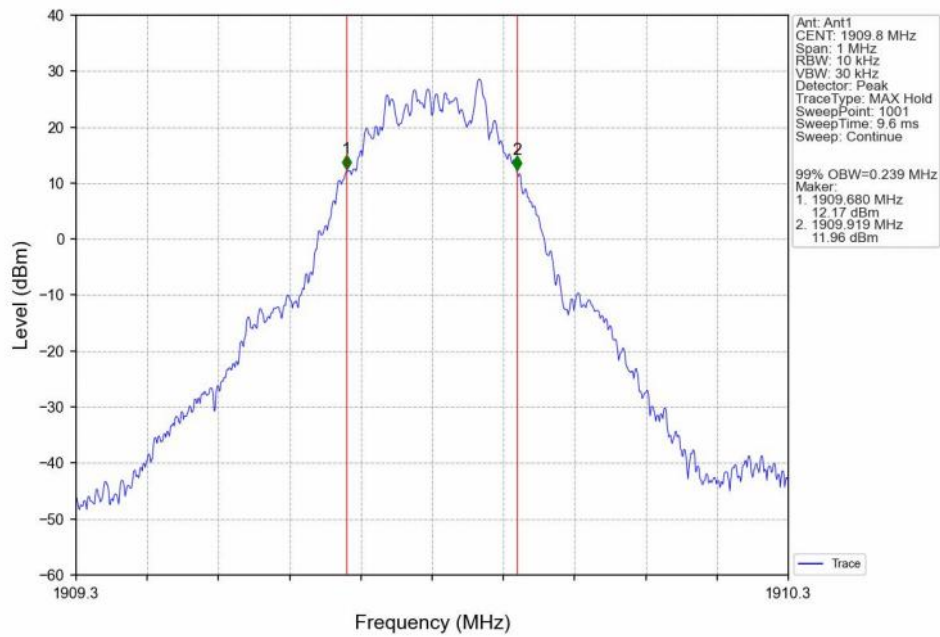
| Band: PCS1900 |         |           |                 |                      |       |         |
|---------------|---------|-----------|-----------------|----------------------|-------|---------|
| ENV           | Mode    |           | Frequency (MHz) | 26dB Bandwidth (MHz) |       | Verdict |
|               | Network | Subset    |                 | Result               | Limit |         |
| NTNV          | GSM     | GSM       | 1850.2          | 0.321                | /     | Pass    |
|               |         |           | 1880            | 0.312                | /     | Pass    |
|               |         |           | 1909.8          | 0.297                | /     | Pass    |
|               | GPRS    | 1 TX Slot | 1850.2          | 0.308                | /     | Pass    |
|               |         |           | 1880            | 0.320                | /     | Pass    |
|               |         |           | 1909.8          | 0.318                | /     | Pass    |
|               | EGPRS   | 1 TX Slot | 1850.2          | 0.302                | /     | Pass    |
|               |         |           | 1880            | 0.318                | /     | Pass    |
|               |         |           | 1909.8          | 0.312                | /     | Pass    |

## 4.2 Test Graph

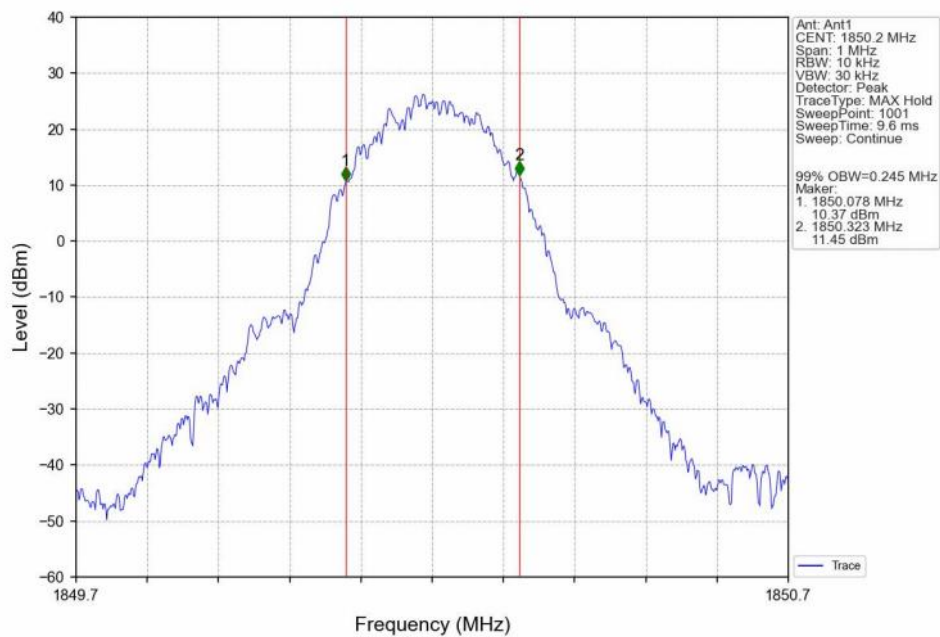
### 4.2.1 PCS1900\_OBW



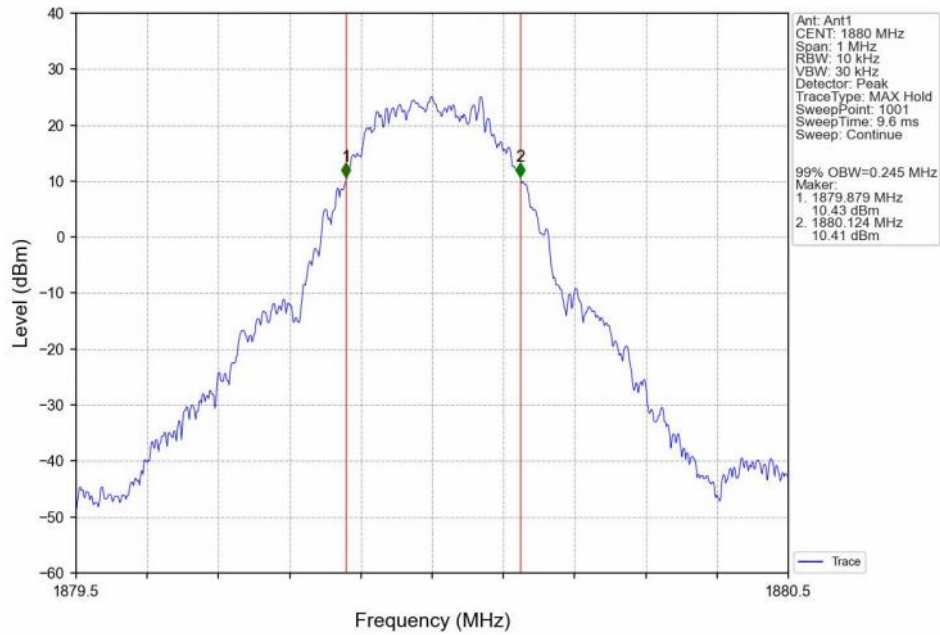
PCS1900\_GSM\_HCH\_1909.8MHz\_GSM\_NTNV



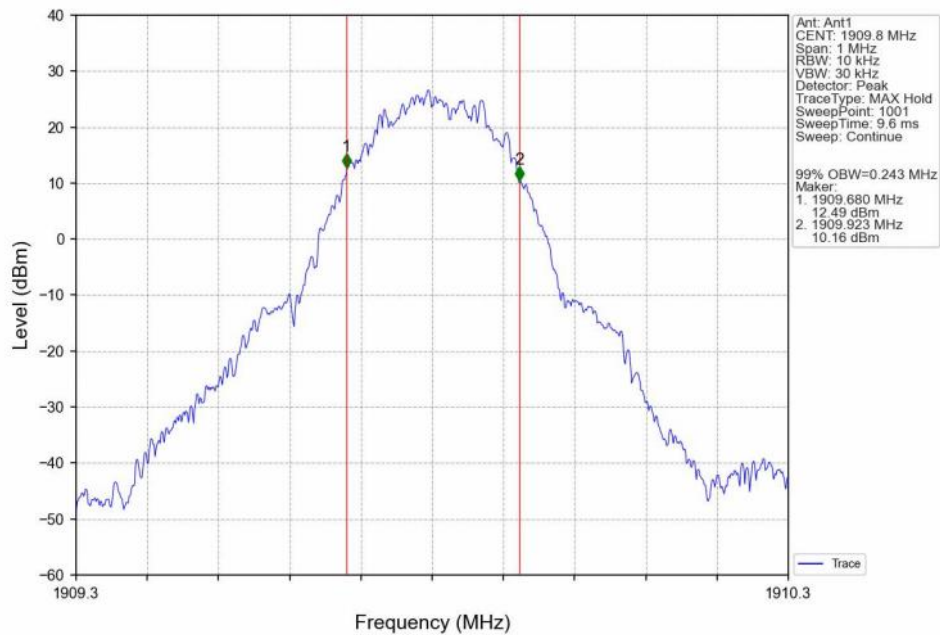
PCS1900\_GPRS\_LCH\_1850.2MHz\_1 TX Slot\_NTNV



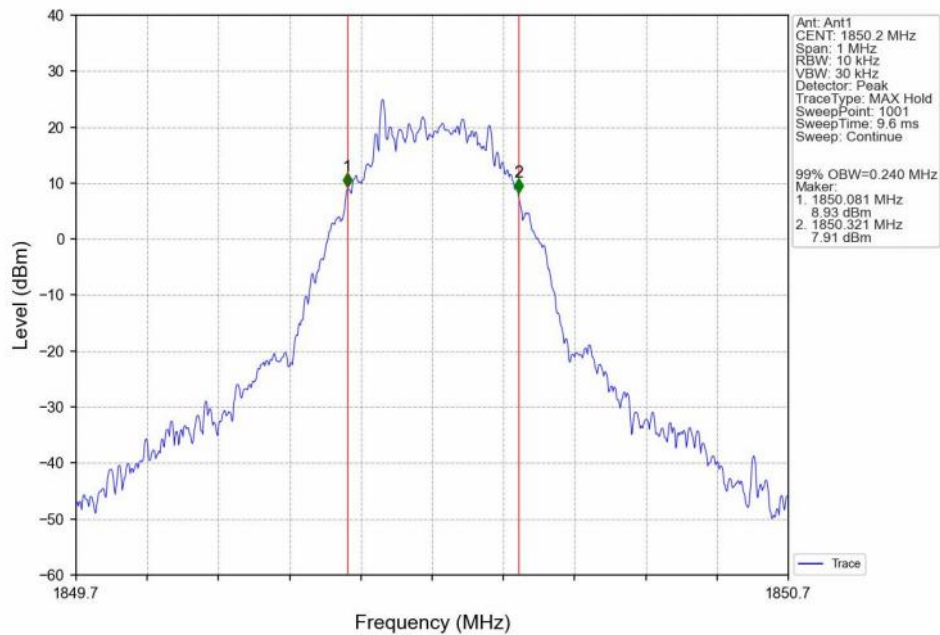
PCS1900 GPRS MCH 1880MHz 1 TX Slot NTN



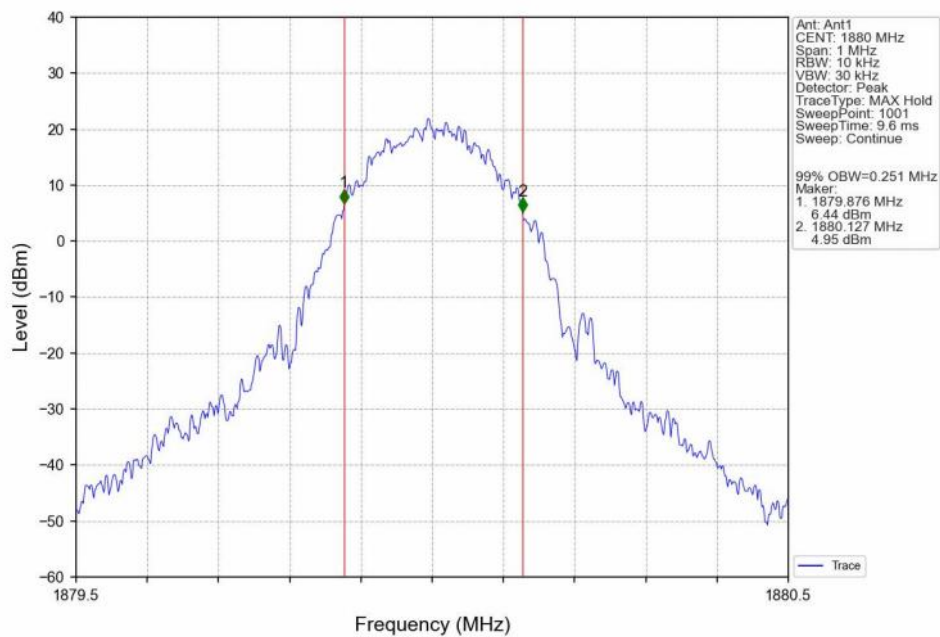
PCS1900 GPRS HCH 1909.8MHz 1 TX Slot NTN



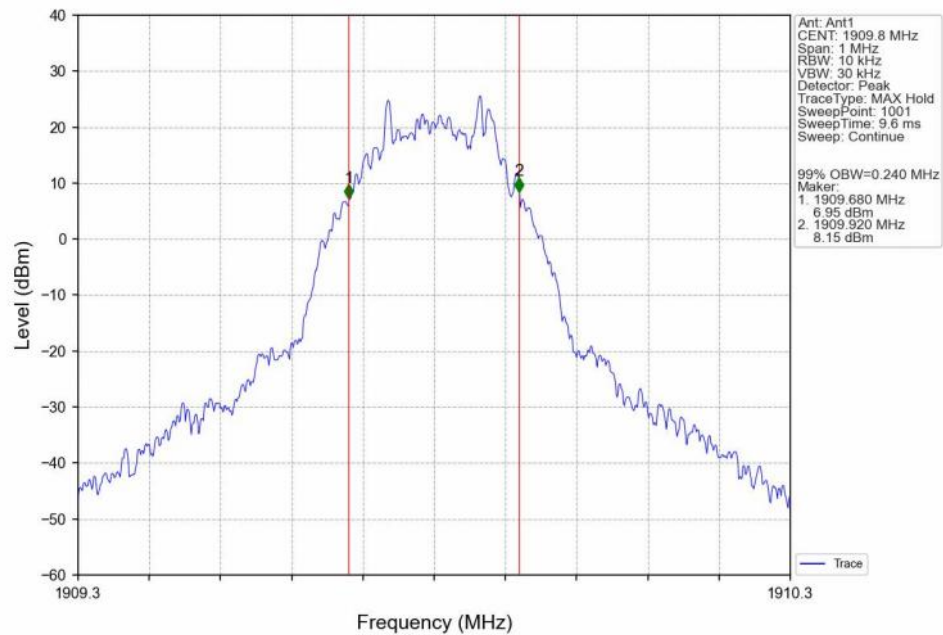
PCS1900\_EGPRS\_LCH\_1850.2MHz\_1 TX Slot\_NTNV



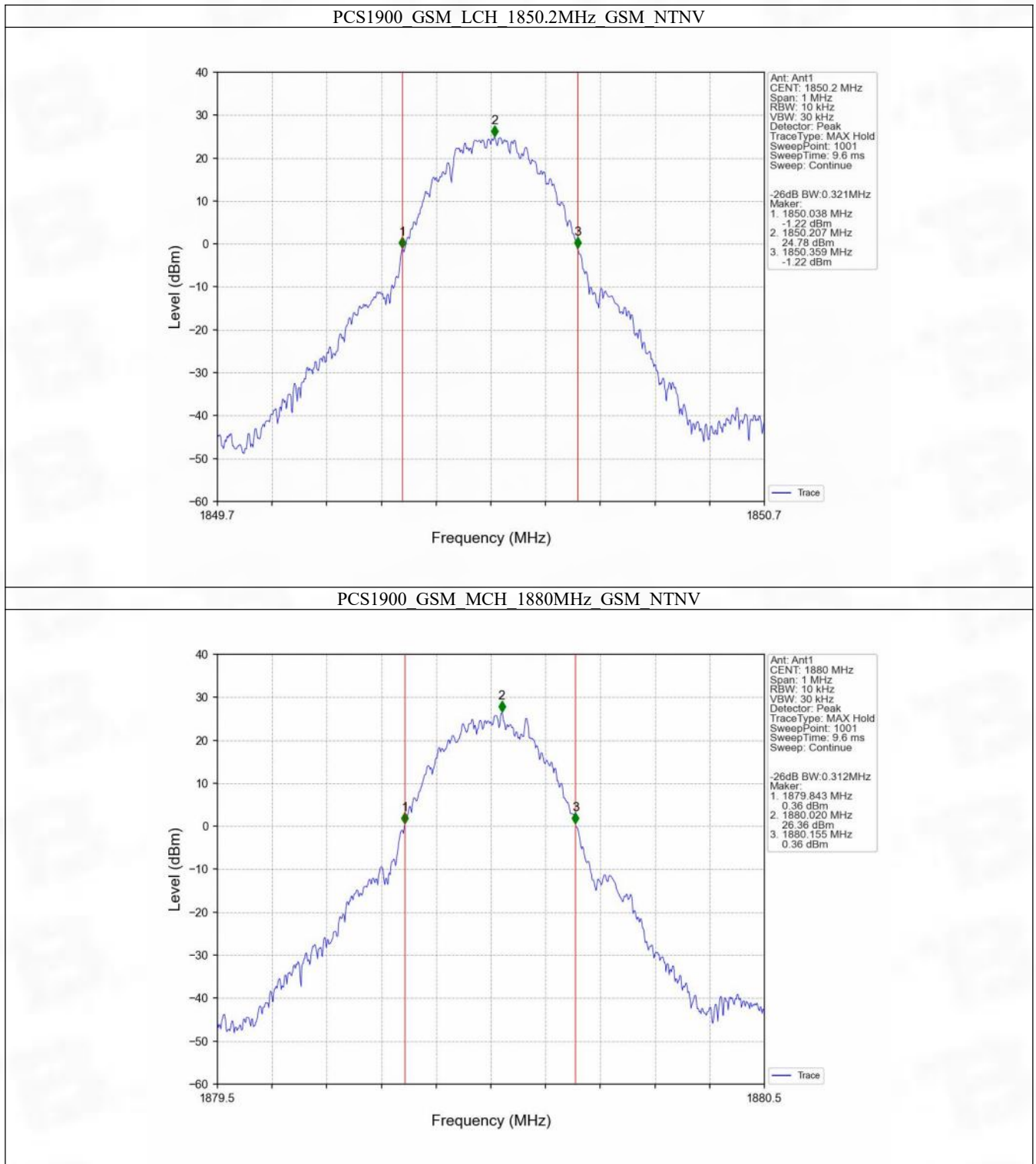
PCS1900\_EGPRS\_MCH\_1880MHz\_1 TX Slot\_NTNV



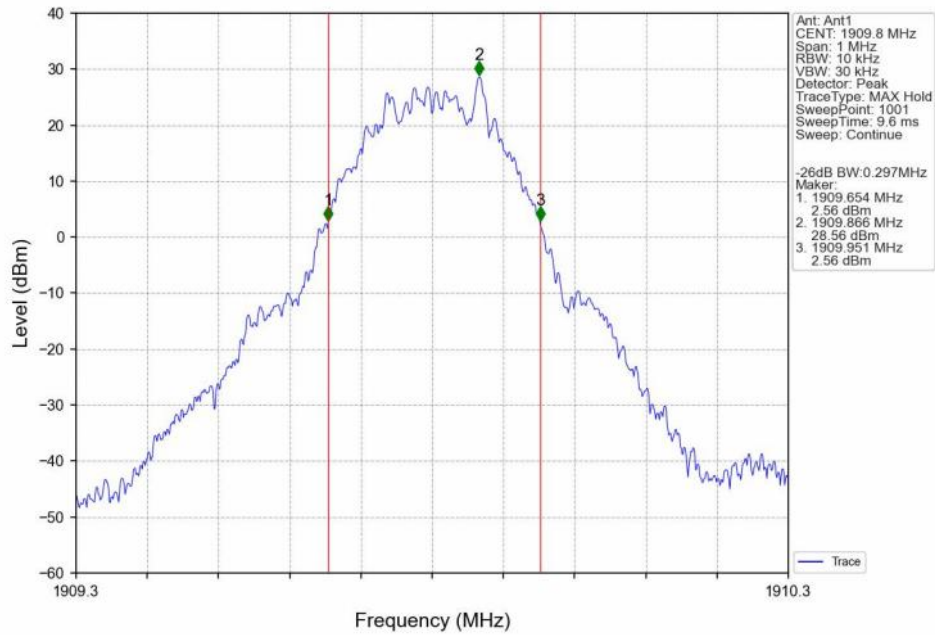
## PCS1900 EGPRS HCH 1909.8MHz 1 TX Slot NTN



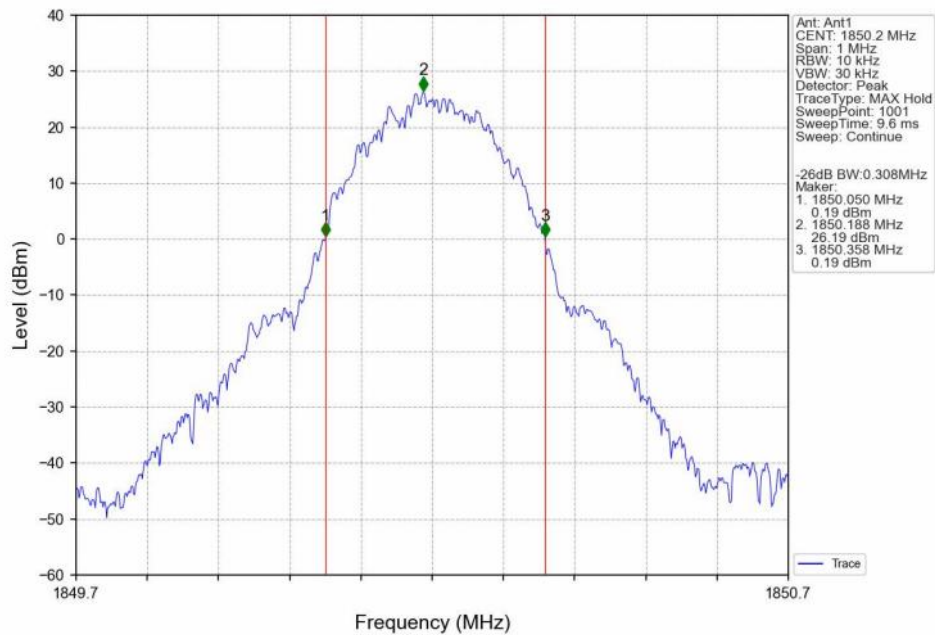
#### 4.2.2 PCS1900\_XDB



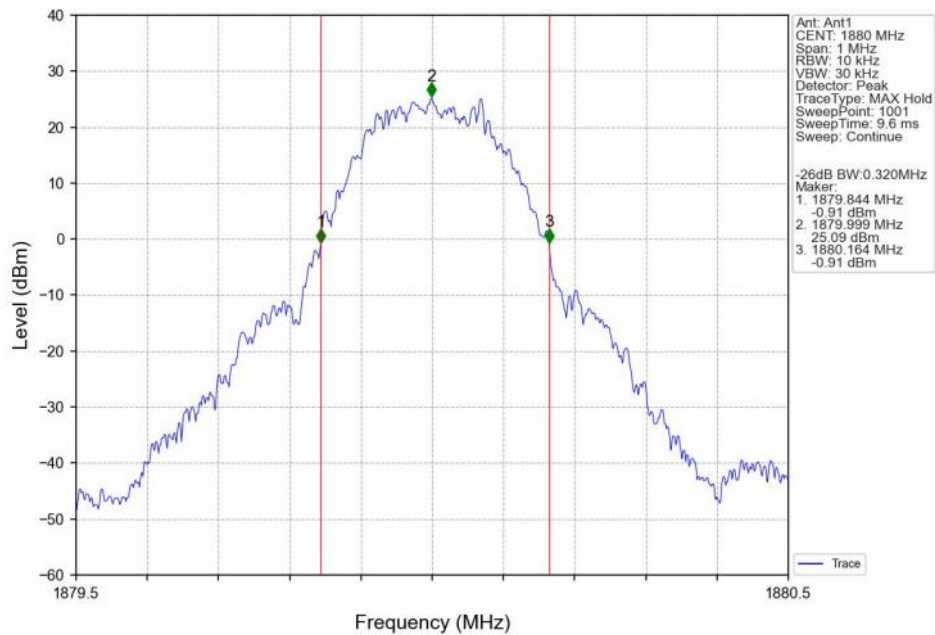
PCS1900 GSM HCH 1909.8MHz GSM NTN



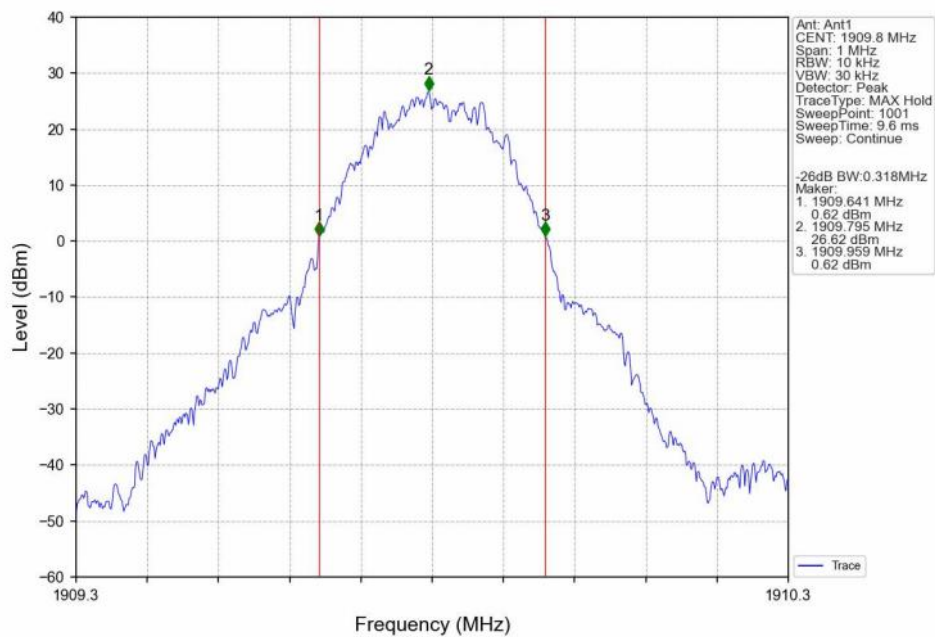
PCS1900 GPRS LCH 1850.2MHz 1 TX Slot NTN



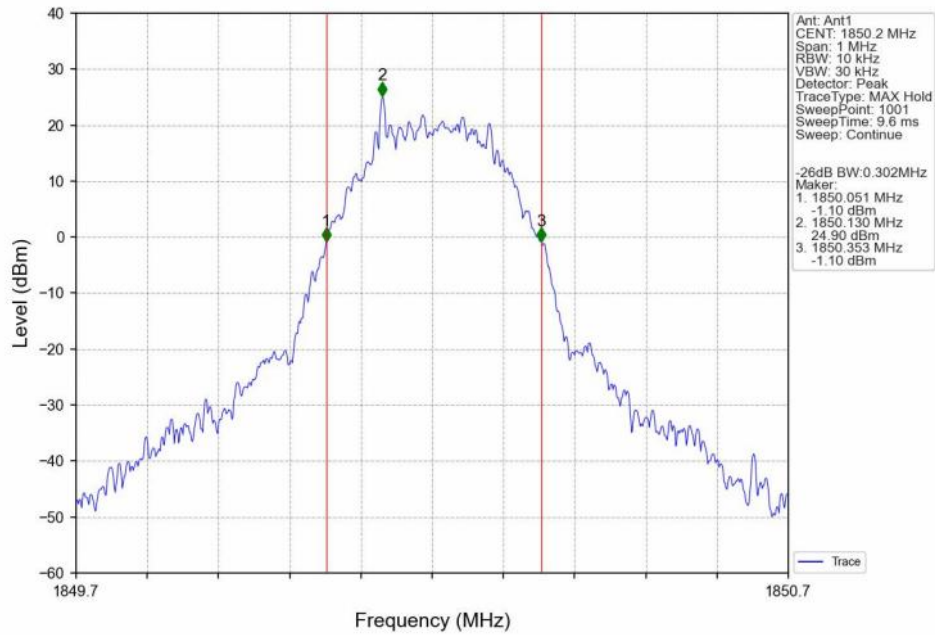
PCS1900 GPRS MCH 1880MHz 1 TX Slot\_NTNV



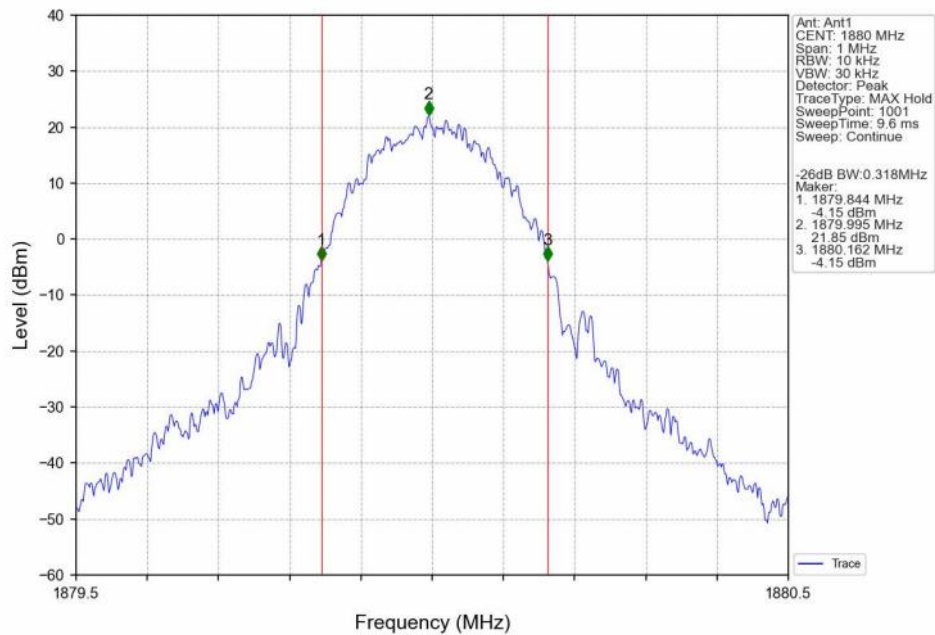
PCS1900 GPRS HCH 1909.8MHz 1 TX Slot\_NTNV



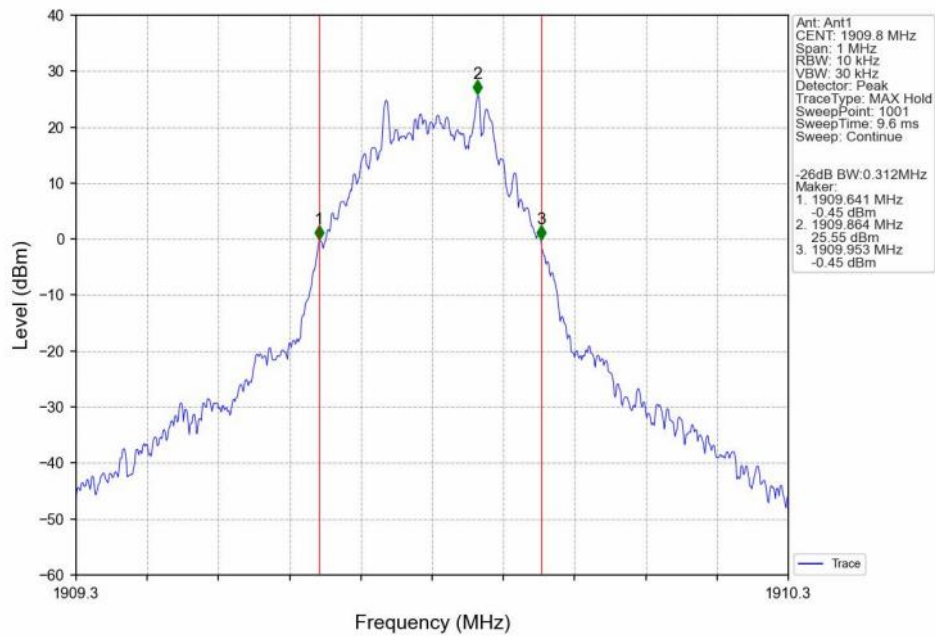
PCS1900 EGPRS LCH 1850.2MHz 1 TX Slot\_NTNV



PCS1900 EGPRS MCH 1880MHz 1 TX Slot\_NTNV



## PCS1900 EGPRS HCH 1909.8MHz 1 TX Slot NTN



## 5. Peak-Average Ratio

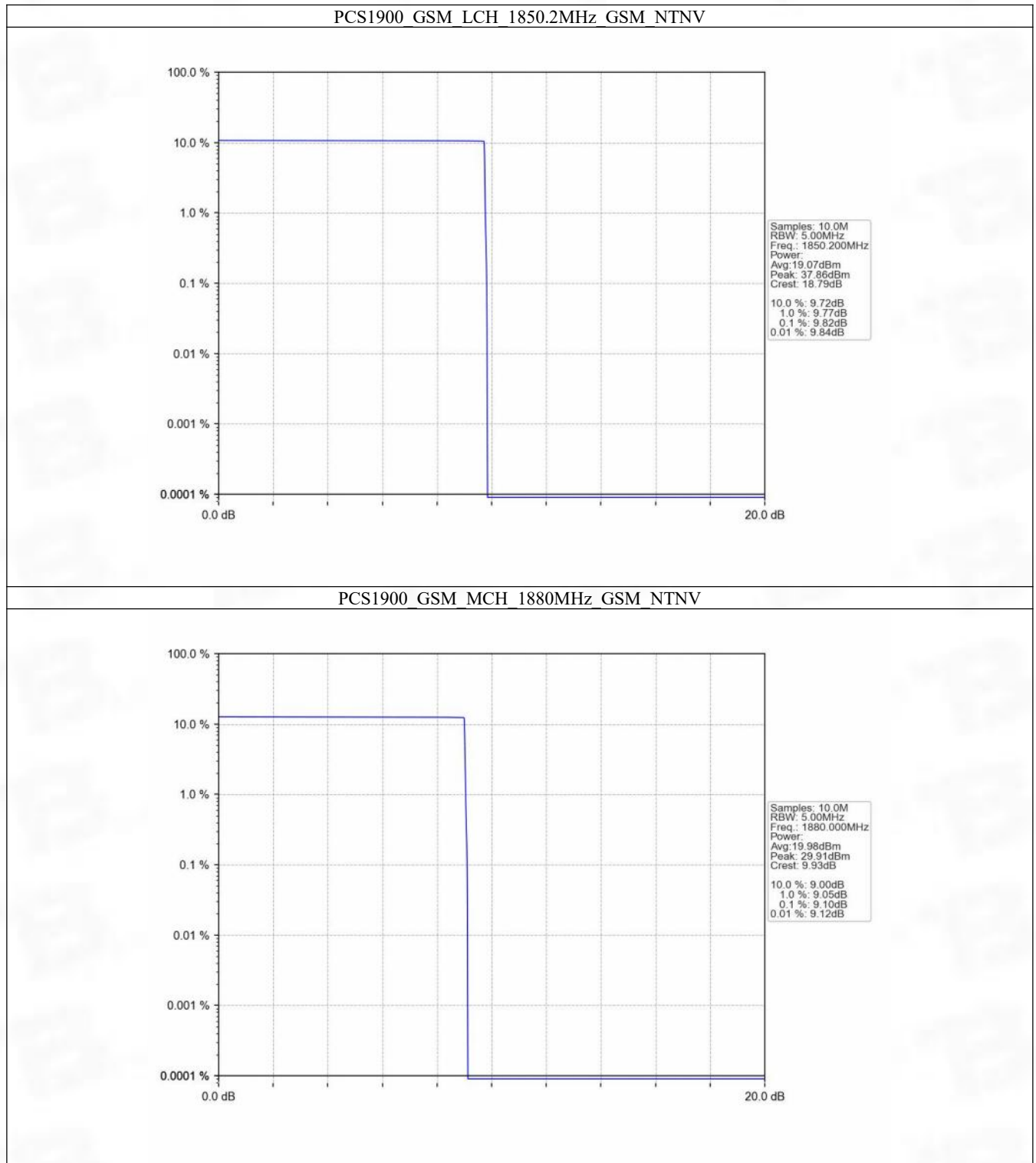
### 5.1 Test Result

#### 5.1.1 PCS1900

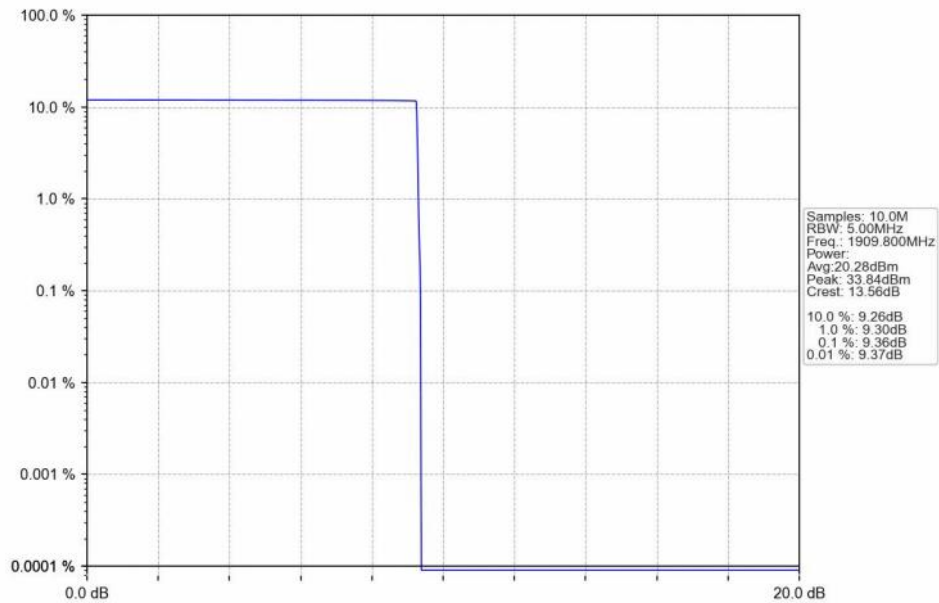
| Band: PCS1900 |         |            |                 |                         |           |         |
|---------------|---------|------------|-----------------|-------------------------|-----------|---------|
| ENV           | Mode    |            | Frequency (MHz) | Peak-Average Ratio (dB) |           | Verdict |
|               | Network | Subset     |                 | Result                  | Limit     |         |
| NTNV          | GSM     | GSM        | 1850.2          | 9.82                    | $\leq 13$ | Pass    |
|               |         |            | 1880            | 9.10                    | $\leq 13$ | Pass    |
|               |         |            | 1909.8          | 9.36                    | $\leq 13$ | Pass    |
|               | GPRS    | 4 TX Slots | 1850.2          | 3.68                    | $\leq 13$ | Pass    |
|               |         |            | 1880            | 3.70                    | $\leq 13$ | Pass    |
|               |         |            | 1909.8          | 3.61                    | $\leq 13$ | Pass    |
|               | EGPRS   | 4 TX Slots | 1850.2          | 8.88                    | $\leq 13$ | Pass    |
|               |         |            | 1880            | 8.97                    | $\leq 13$ | Pass    |
|               |         |            | 1909.8          | 8.71                    | $\leq 13$ | Pass    |

## 5.2 Test Graph

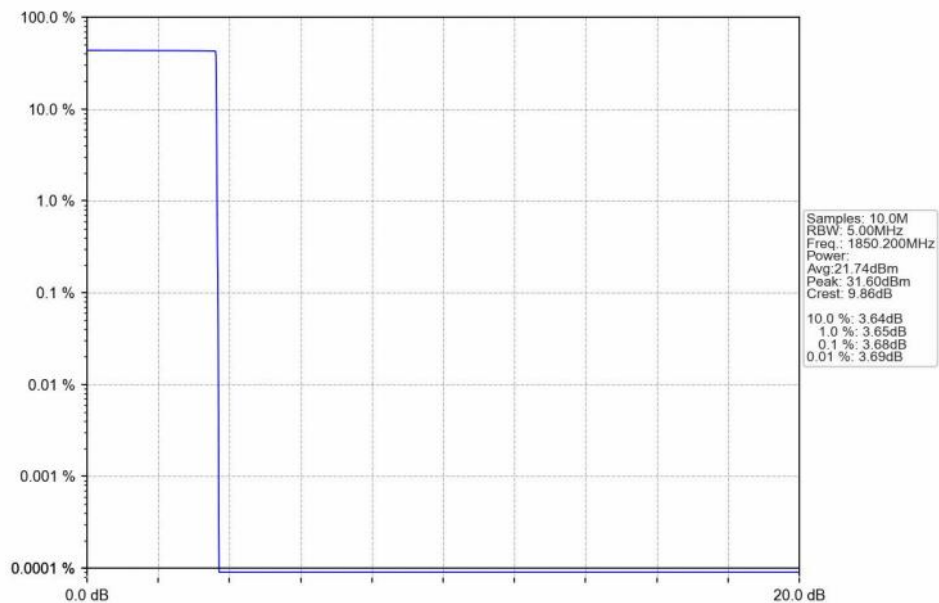
### 5.2.1 PCS1900



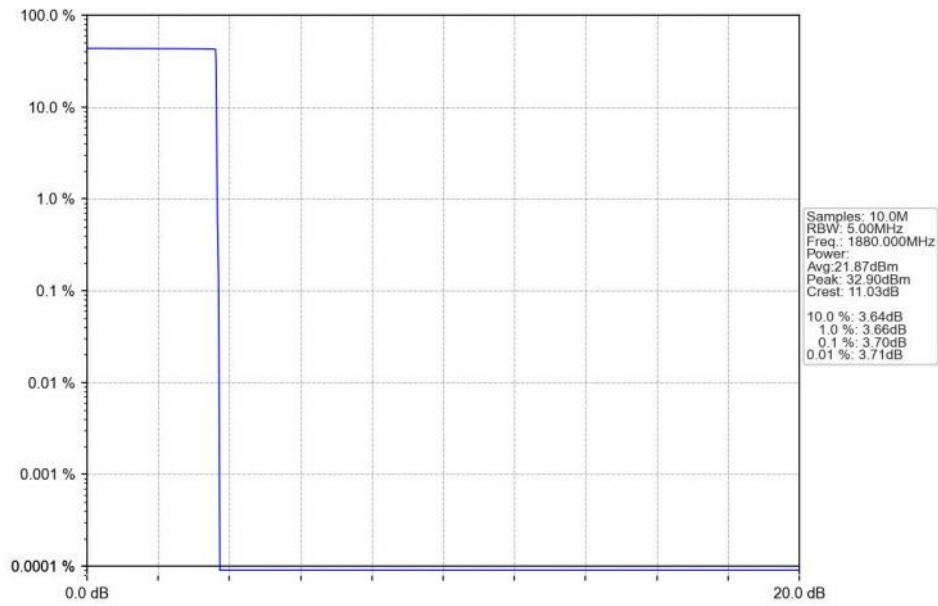
PCS1900\_GSM\_HCH\_1909.8MHz\_GSM\_NTNV



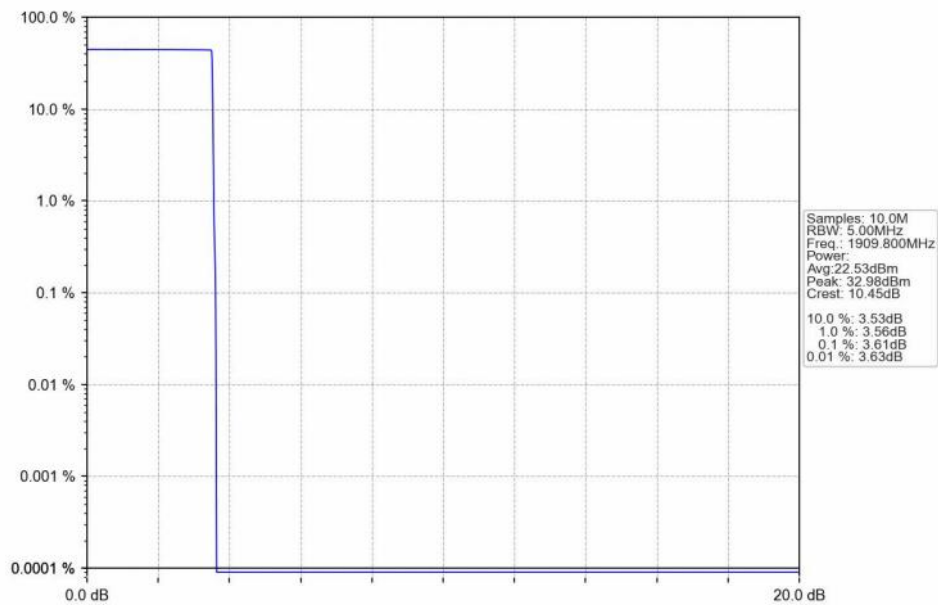
PCS1900\_GPRS\_LCH\_1850.2MHz\_4 TX Slots\_NTNV



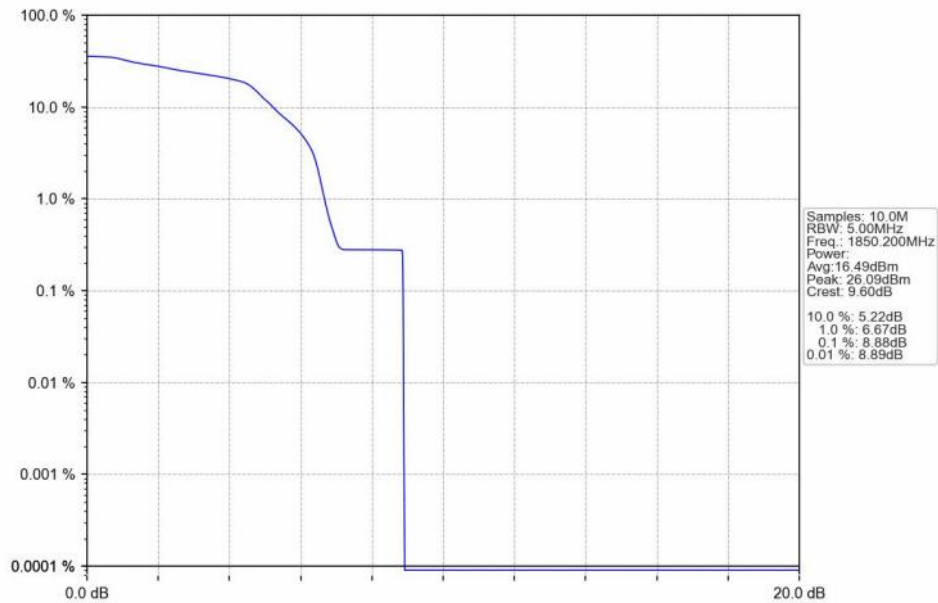
PCS1900 GPRS\_MCH\_1880MHz\_4 TX Slots\_NTNV



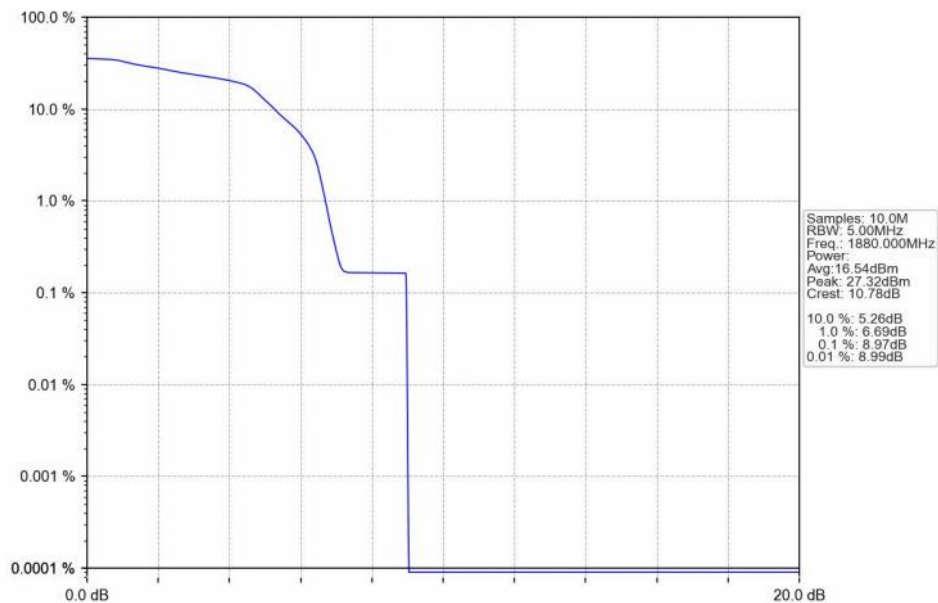
PCS1900 GPRS\_HCH\_1909.8MHz\_4 TX Slots\_NTNV



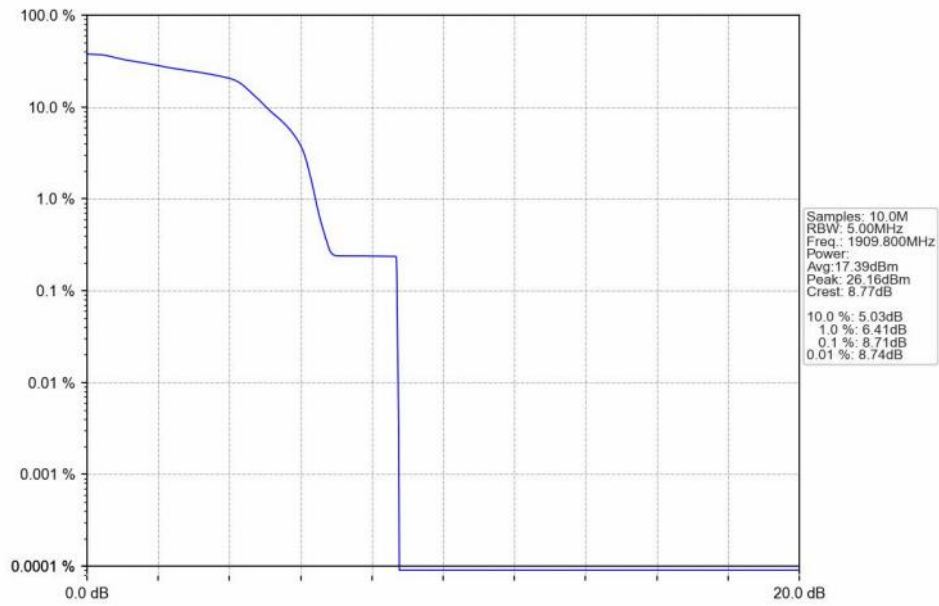
PCS1900 EGPRS LCH 1850.2MHz 4 TX Slots NTN



PCS1900 EGPRS MCH 1880MHz 4 TX Slots NTN



PCS1900 EGPRS HCH 1909.8MHz 4 TX Slots NTNV



## 6. Spurious Emission

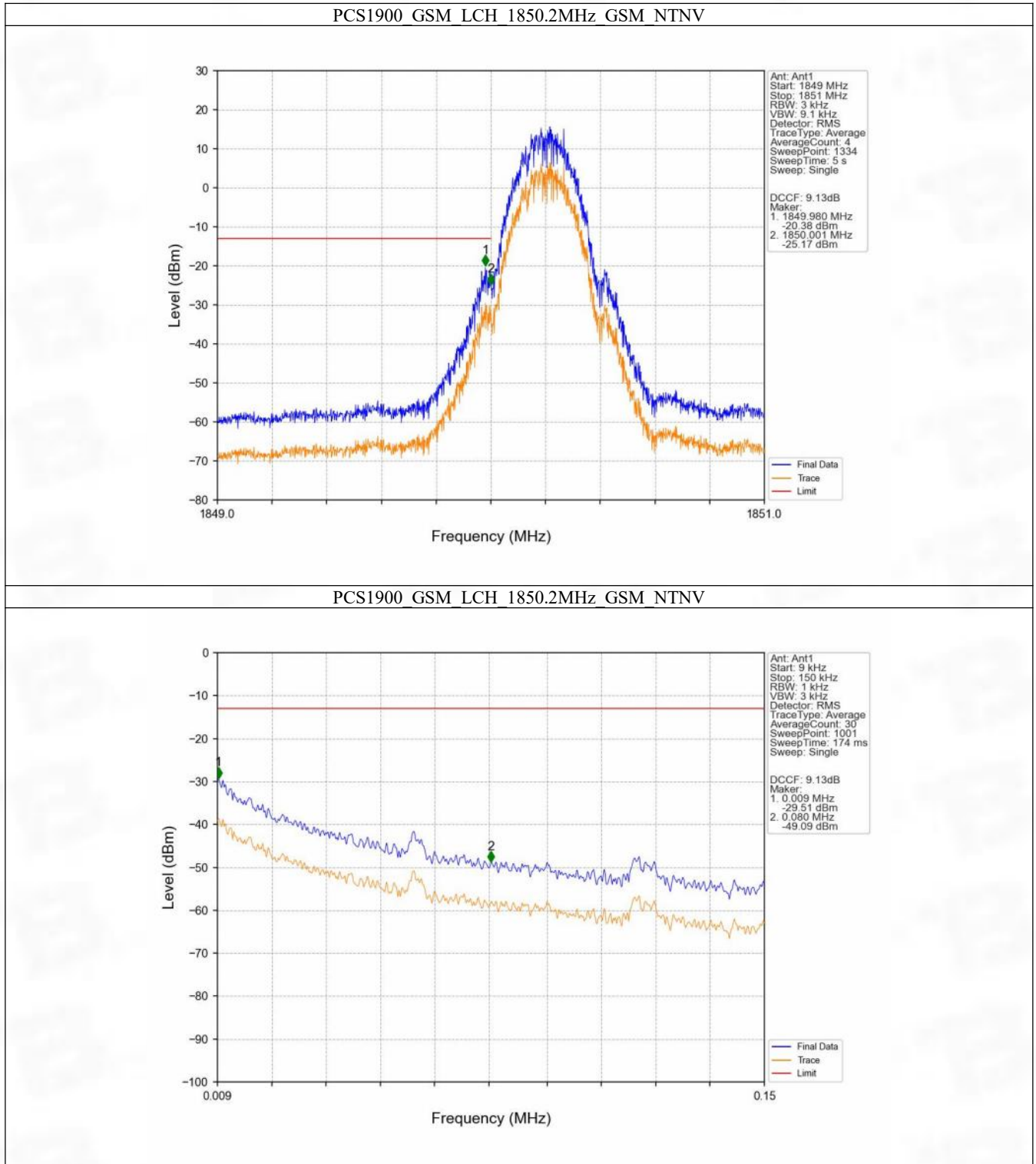
### 6.1 Test Result

#### 6.1.1 PCS1900

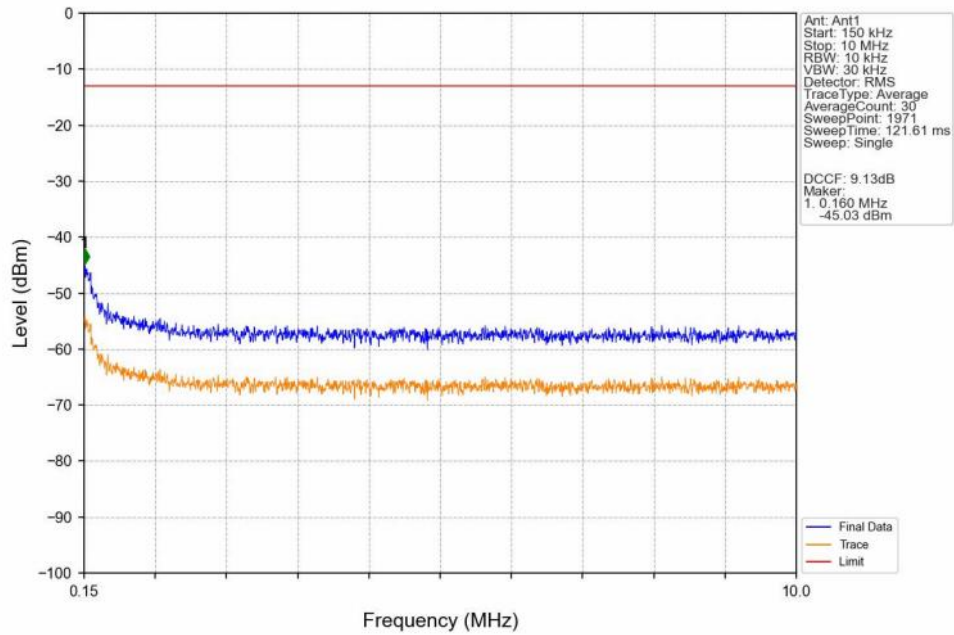
| Band: PCS1900 |         |           |                    |                     |       |         |
|---------------|---------|-----------|--------------------|---------------------|-------|---------|
| ENV           | Mode    |           | Frequency<br>(MHz) | Spurious Emission   |       | Verdict |
|               | 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

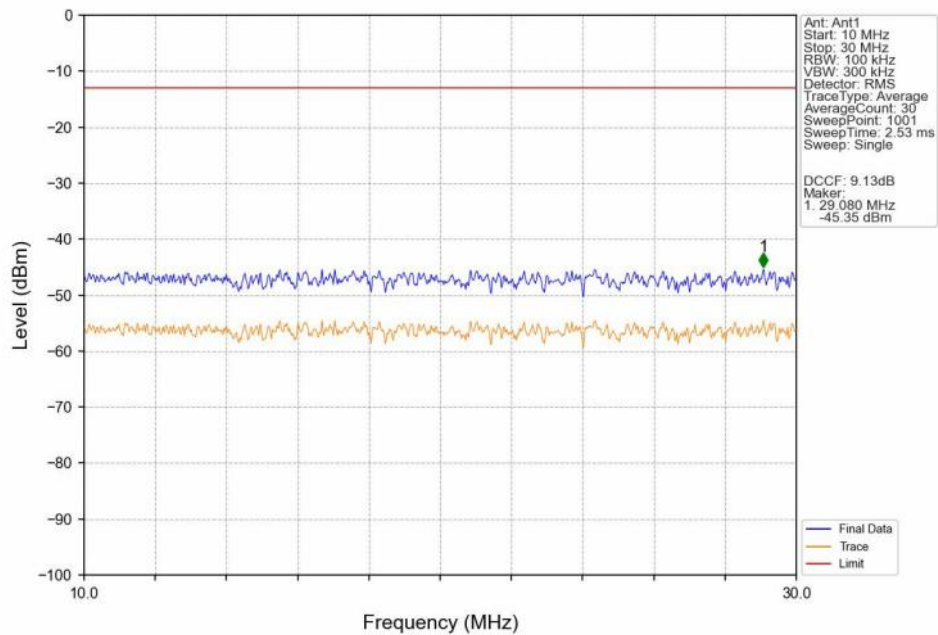
### 6.2.1 PCS1900



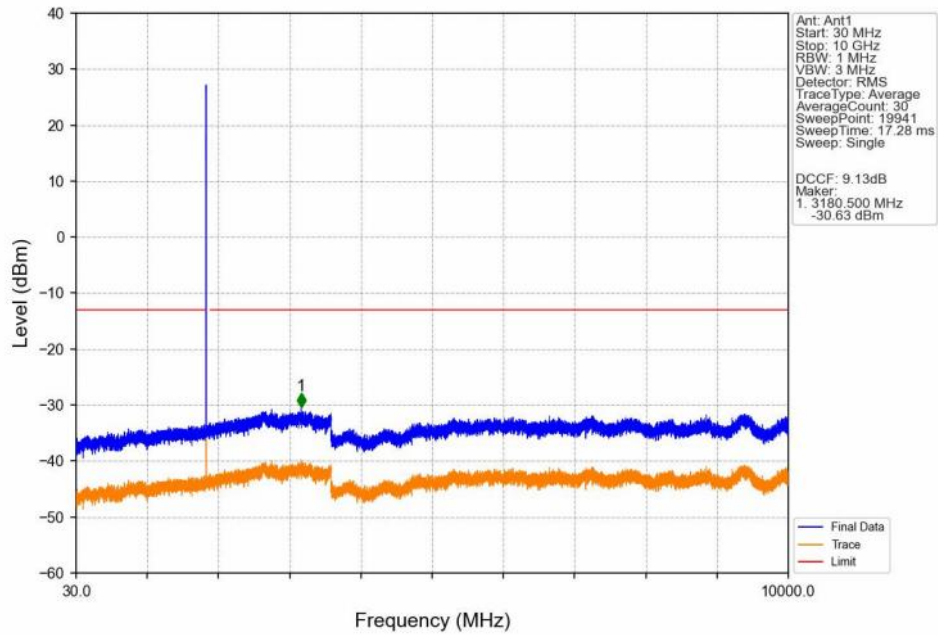
PCS1900 GSM LCH 1850.2MHz GSM NTN



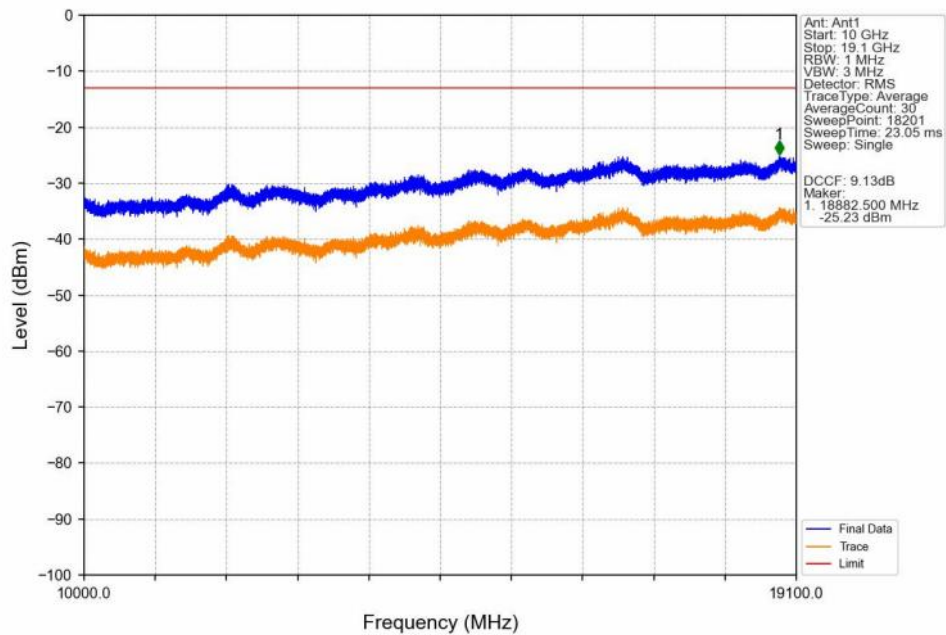
PCS1900 GSM LCH 1850.2MHz GSM NTN



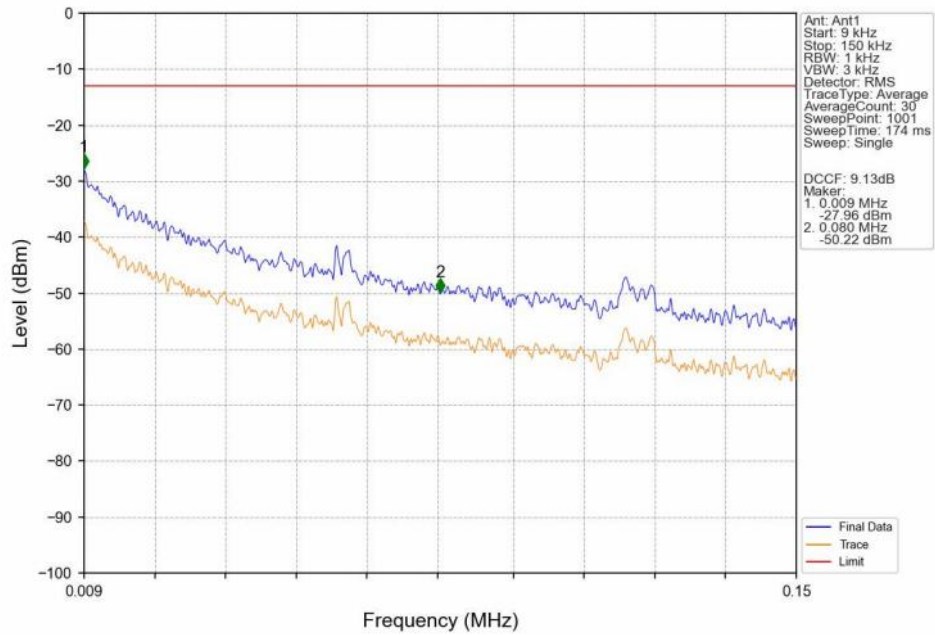
## PCS1900 GSM LCH 1850.2MHz GSM NTN



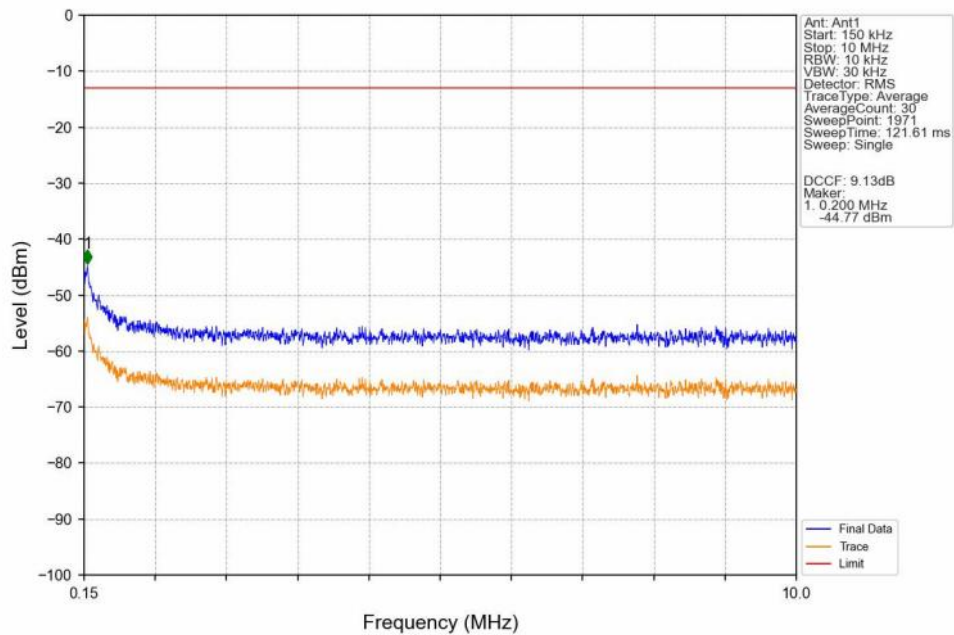
## PCS1900 GSM LCH 1850.2MHz GSM NTN



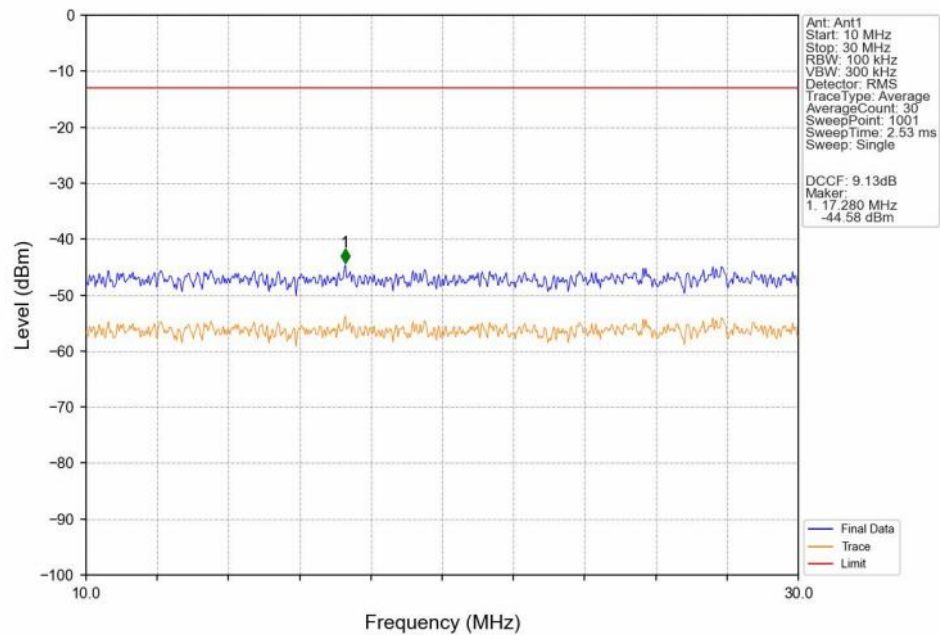
## PCS1900 GSM MCH 1880MHz GSM NTN



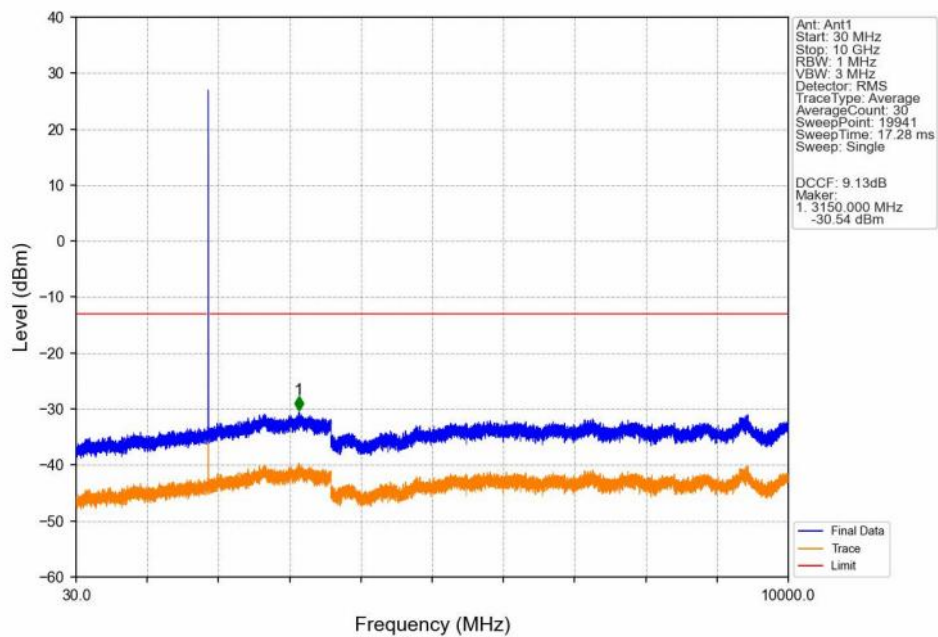
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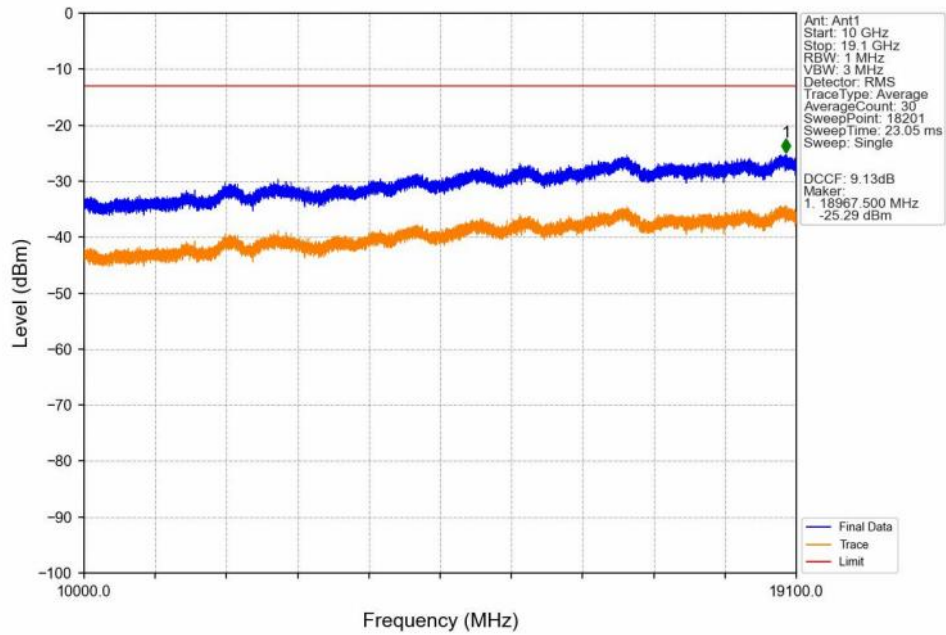
## PCS1900 GSM MCH 1880MHz GSM NTN



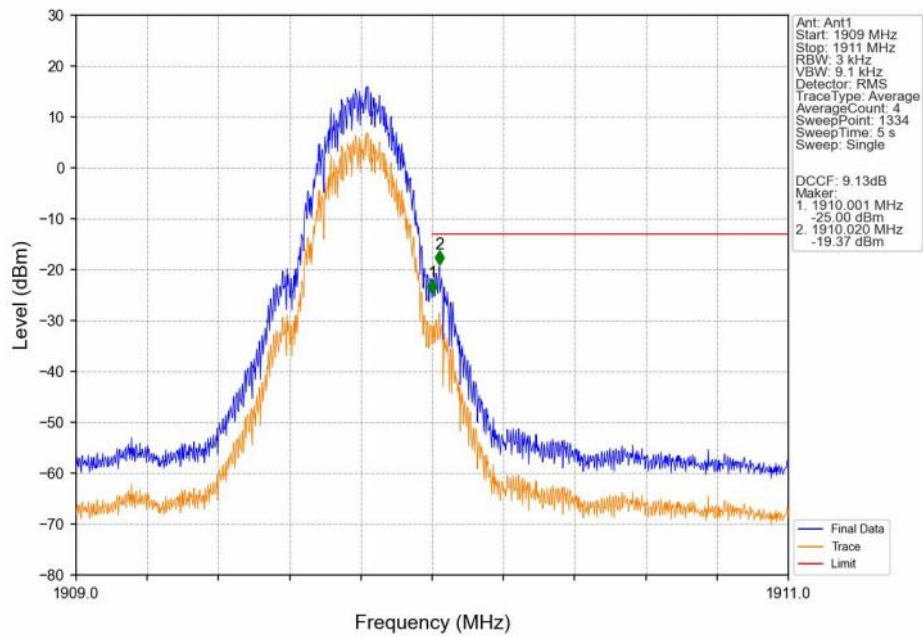
## PCS1900 GSM MCH 1880MHz GSM NTN



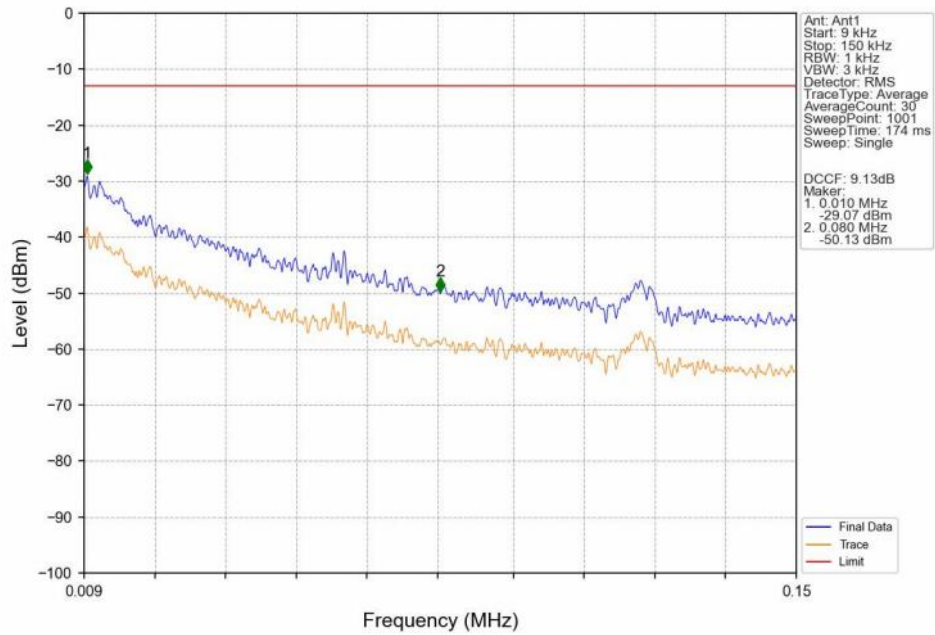
PCS1900 GSM MCH 1880MHz GSM NTN



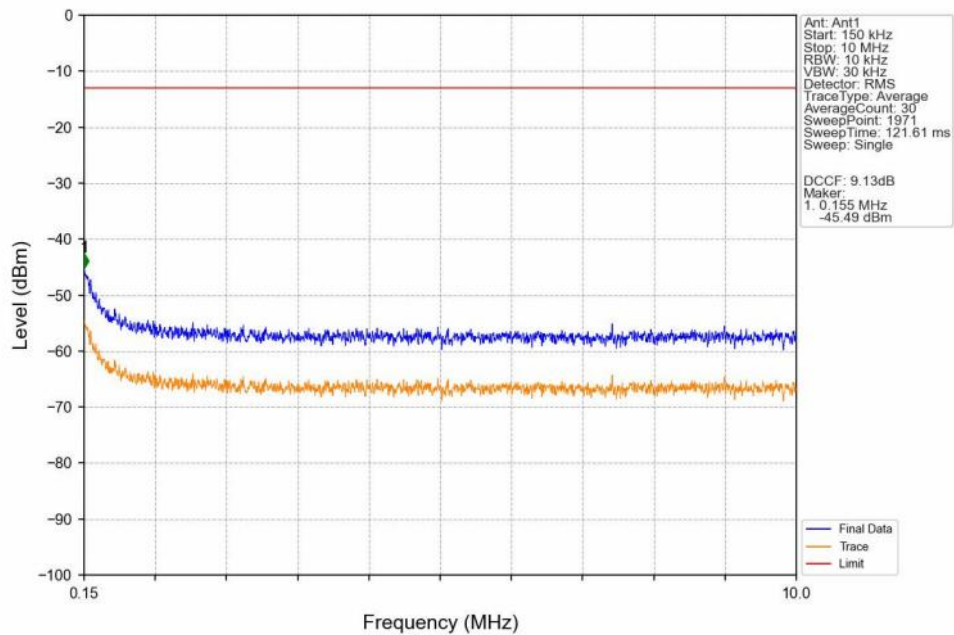
PCS1900 GSM HCH 1909.8MHz GSM NTN



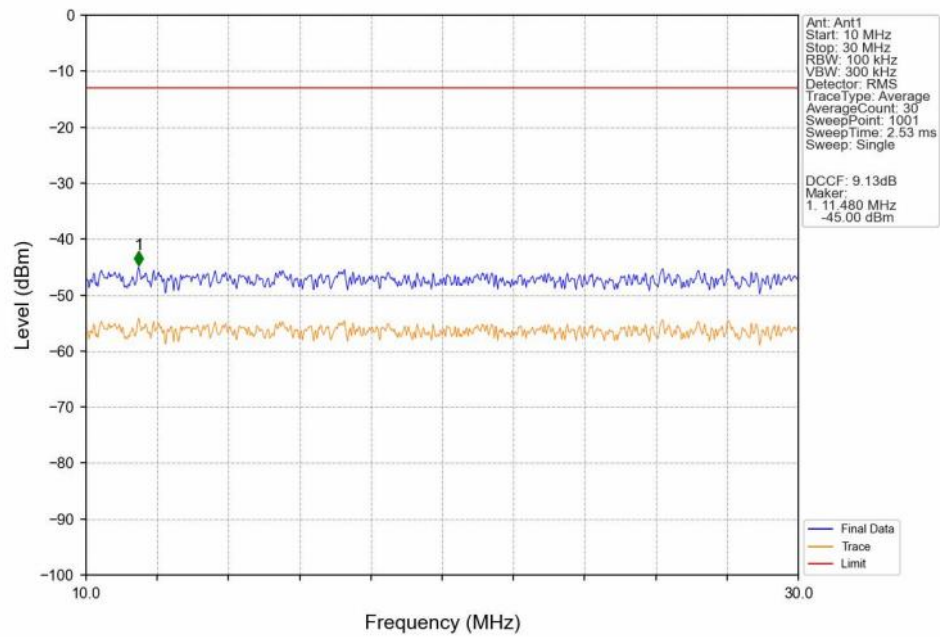
PCS1900\_GSM\_HCH\_1909.8MHz\_GSM\_NTNV



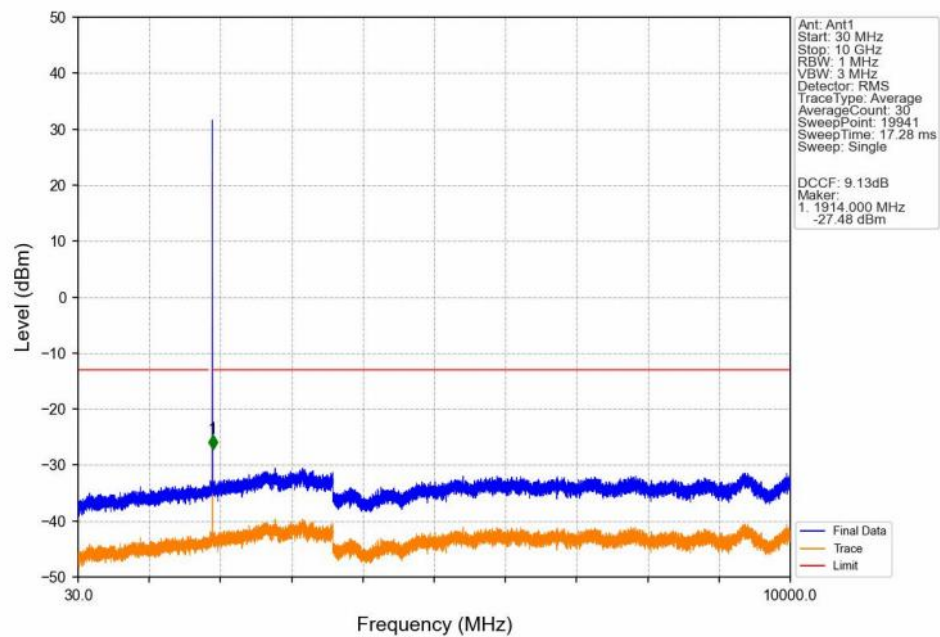
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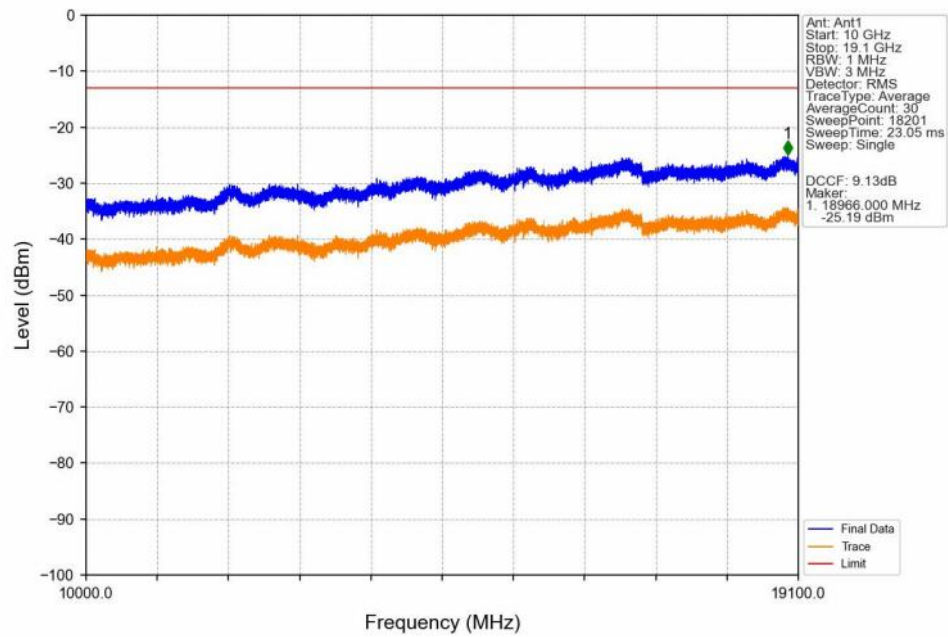
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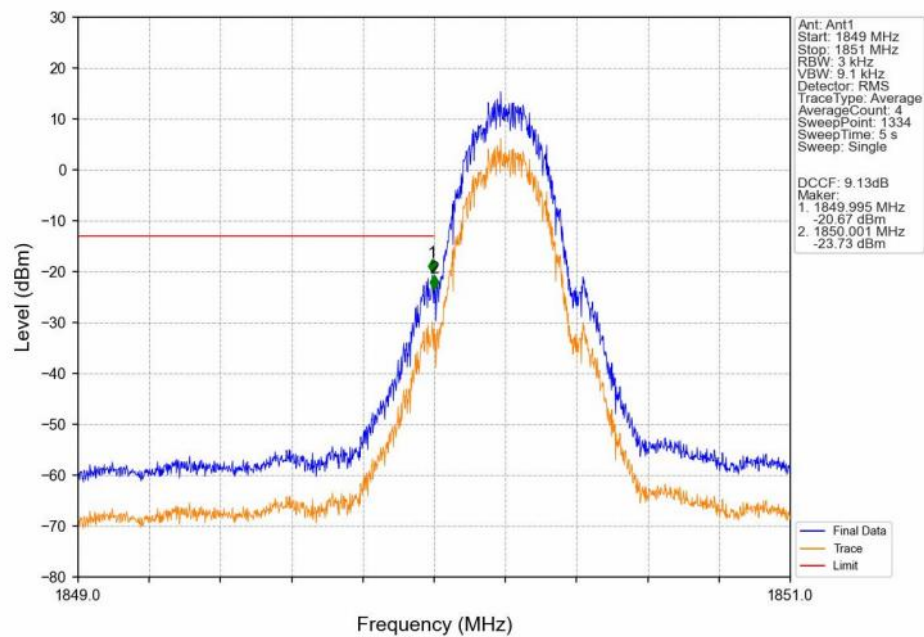
PCS1900\_GSM\_HCH\_1909.8MHz\_GSM\_NTNV



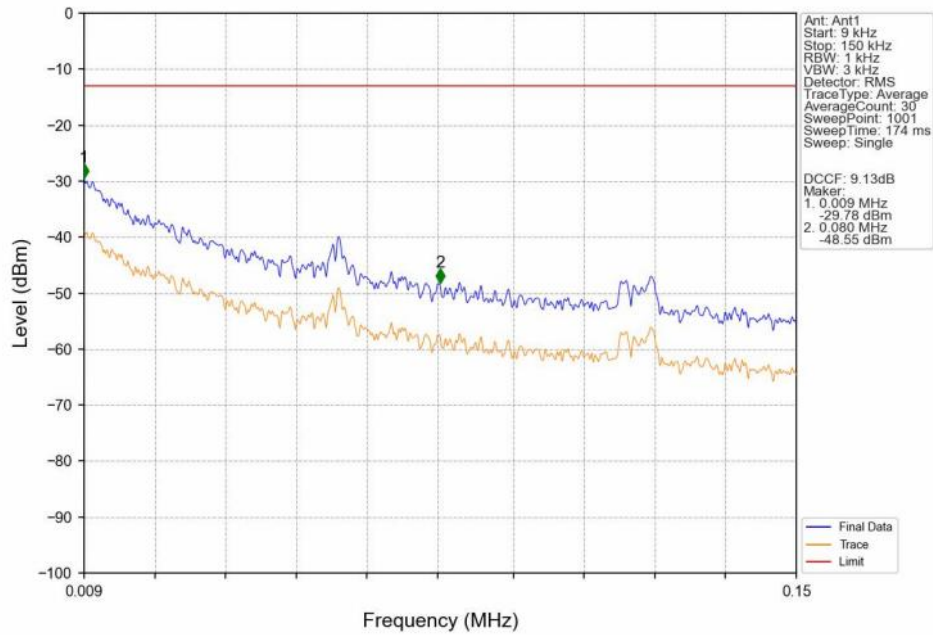
PCS1900 GSM HCH 1909.8MHz GSM NTN



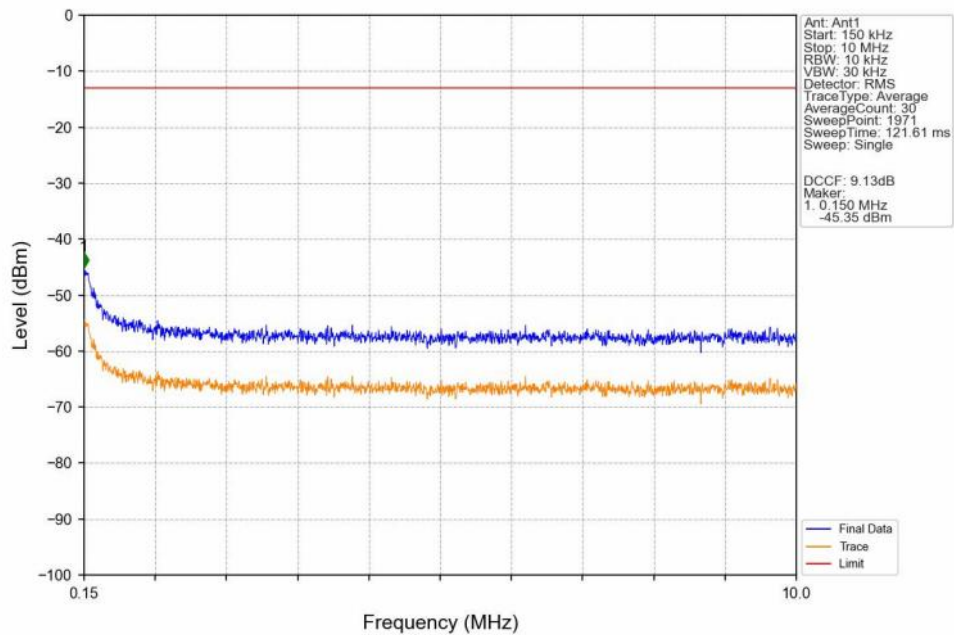
PCS1900 GPRS LCH 1850.2MHz 1 TX Slot NTN



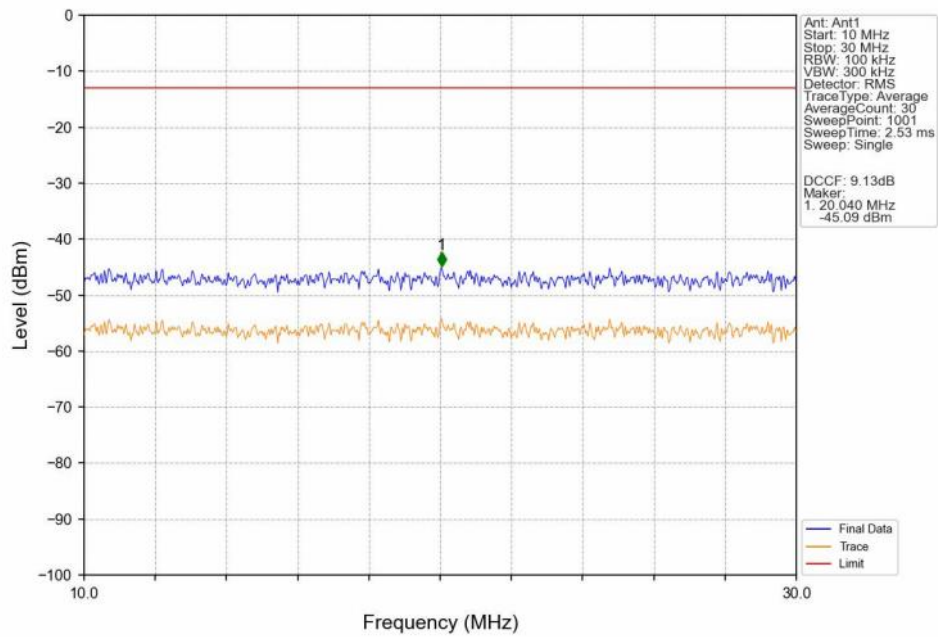
PCS1900 GPRS LCH 1850.2MHz 1 TX Slot NTNV



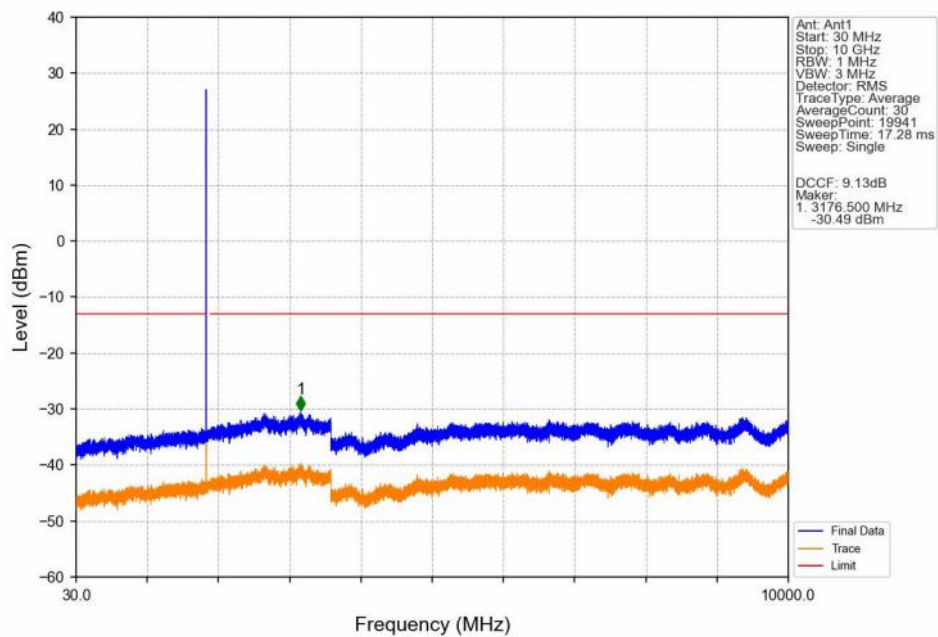
PCS1900 GPRS LCH 1850.2MHz 1 TX Slot NTNV



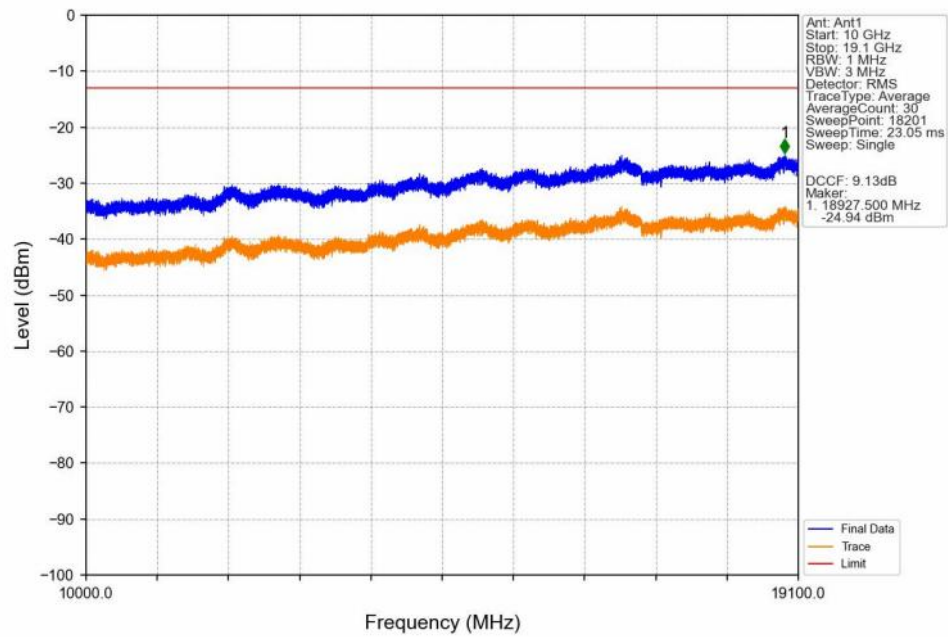
PCS1900 GPRS LCH 1850.2MHz 1 TX Slot NTNV



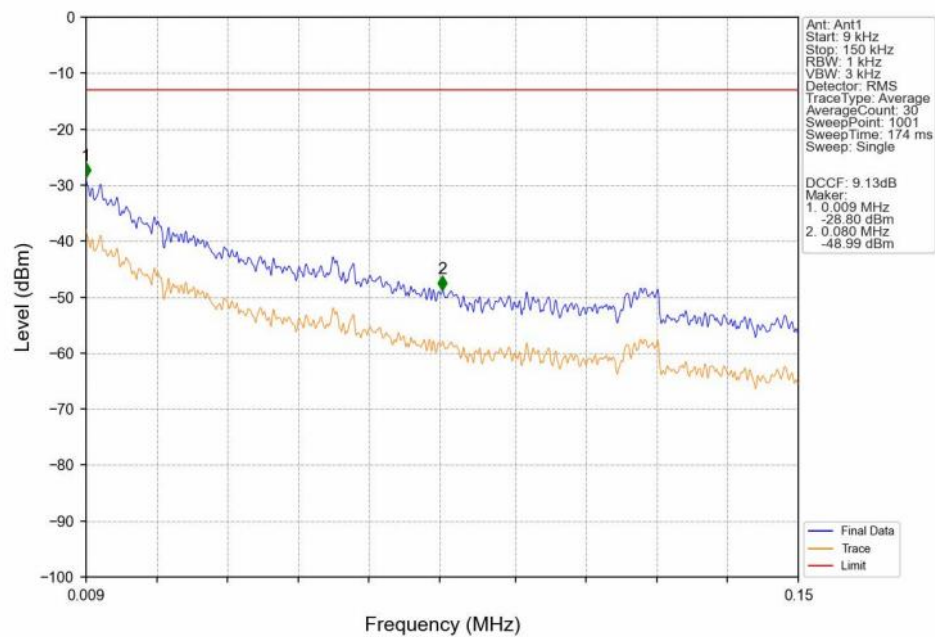
PCS1900 GPRS LCH 1850.2MHz 1 TX Slot NTNV



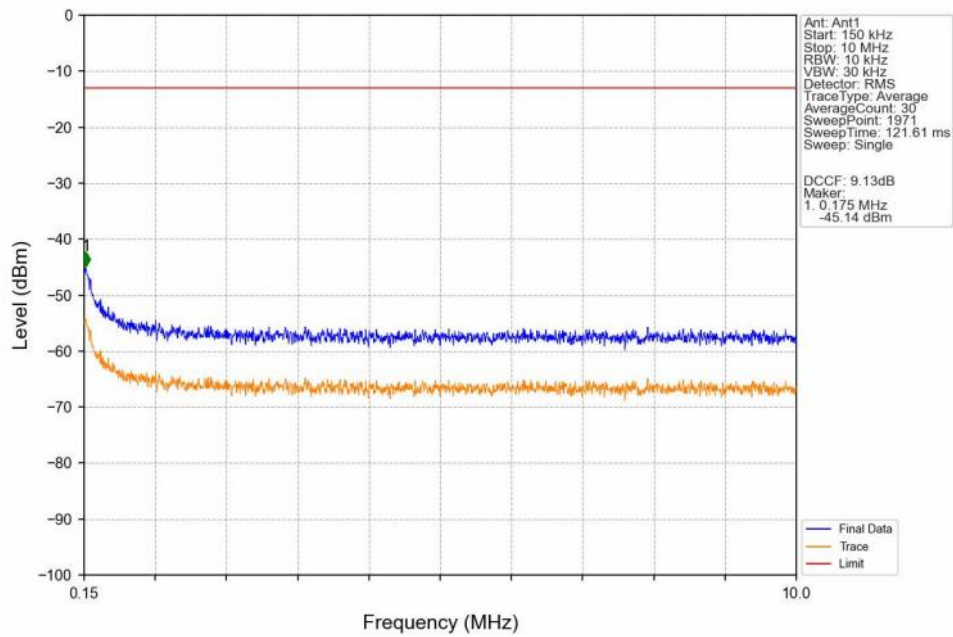
PCS1900 GPRS LCH 1850.2MHz 1 TX Slot NTNV



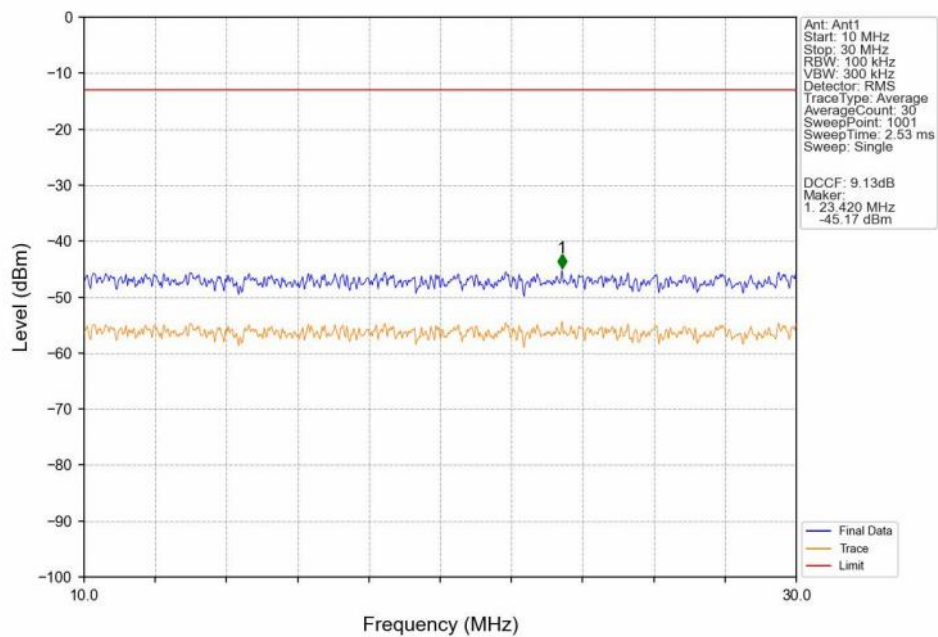
PCS1900 GPRS MCH 1880MHz 1 TX Slot NTNV



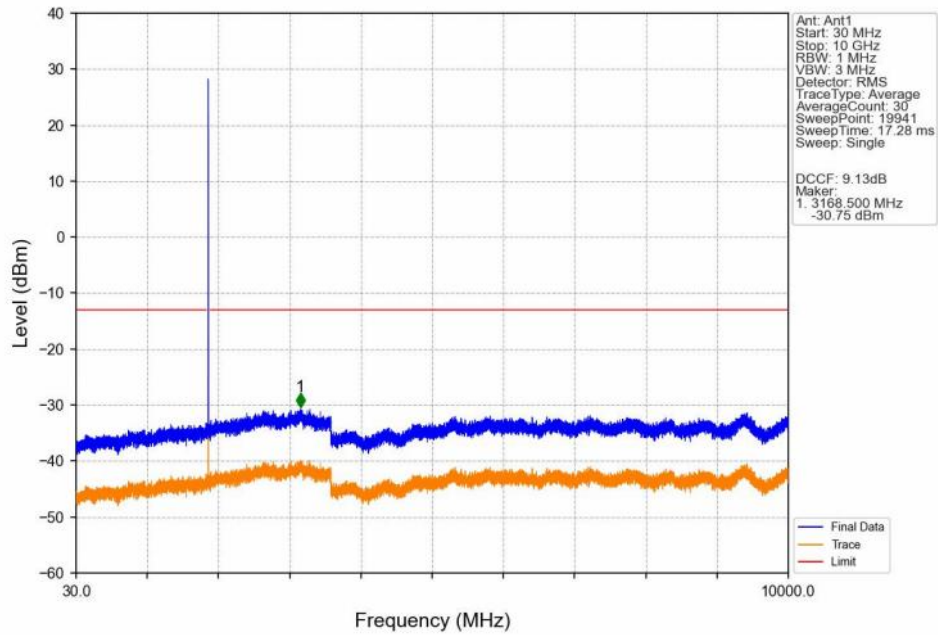
PCS1900\_GPRS\_MCH\_1880MHz\_1\_TX\_Slot\_NTNV



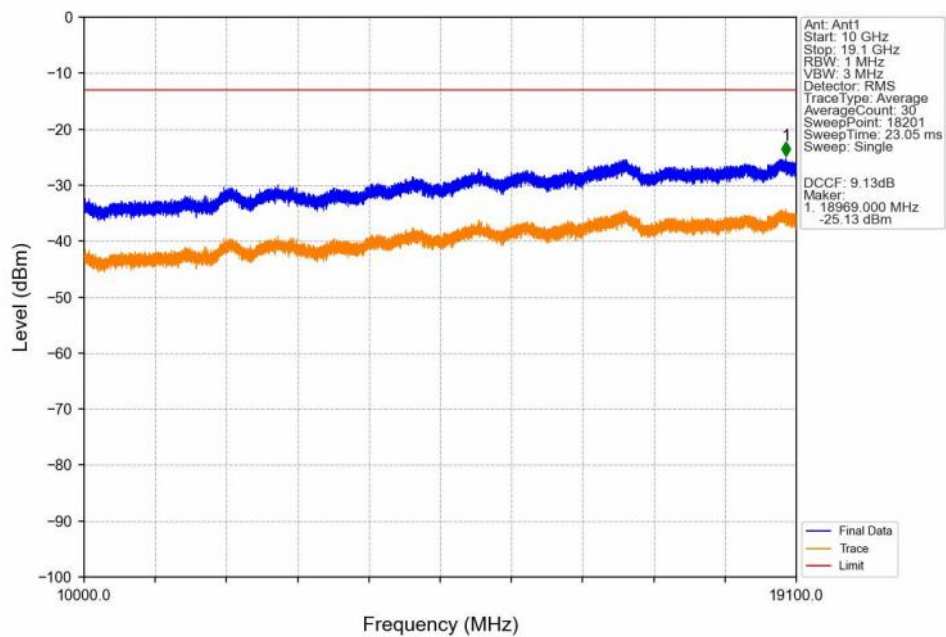
PCS1900\_GPRS\_MCH\_1880MHz\_1\_TX\_Slot\_NTNV



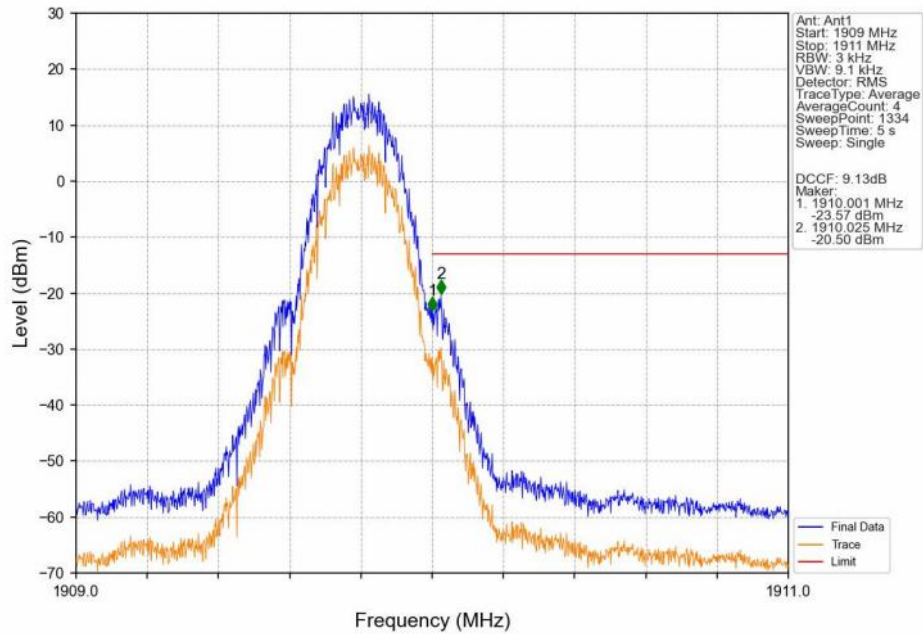
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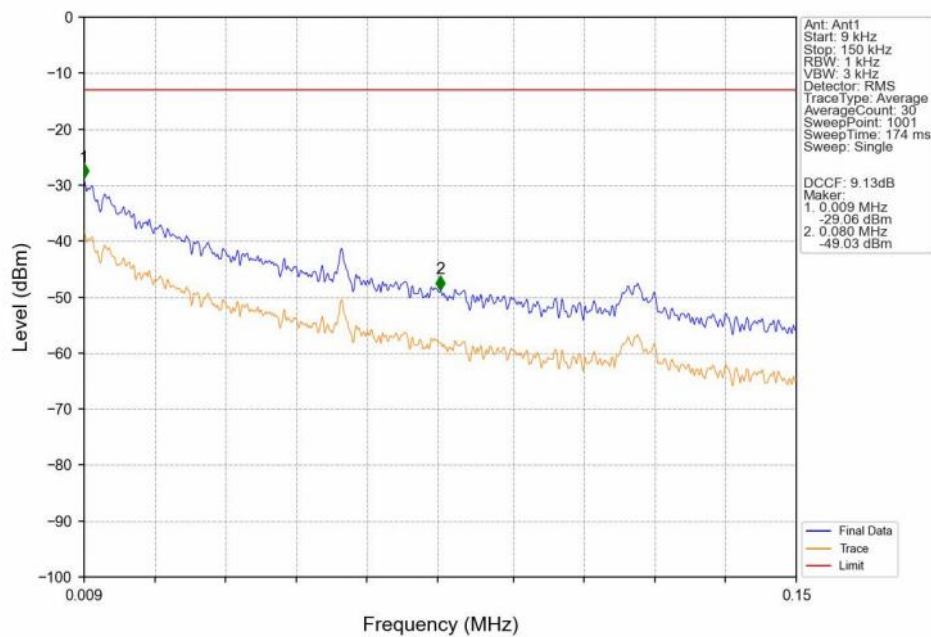
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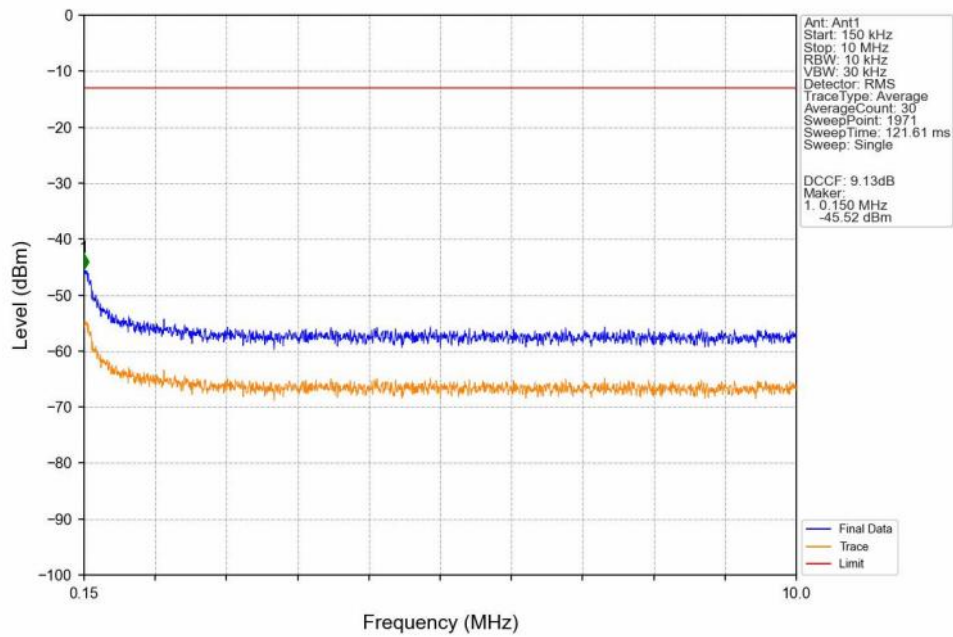
PCS1900 GPRS HCH 1909.8MHz 1 TX Slot NTNV



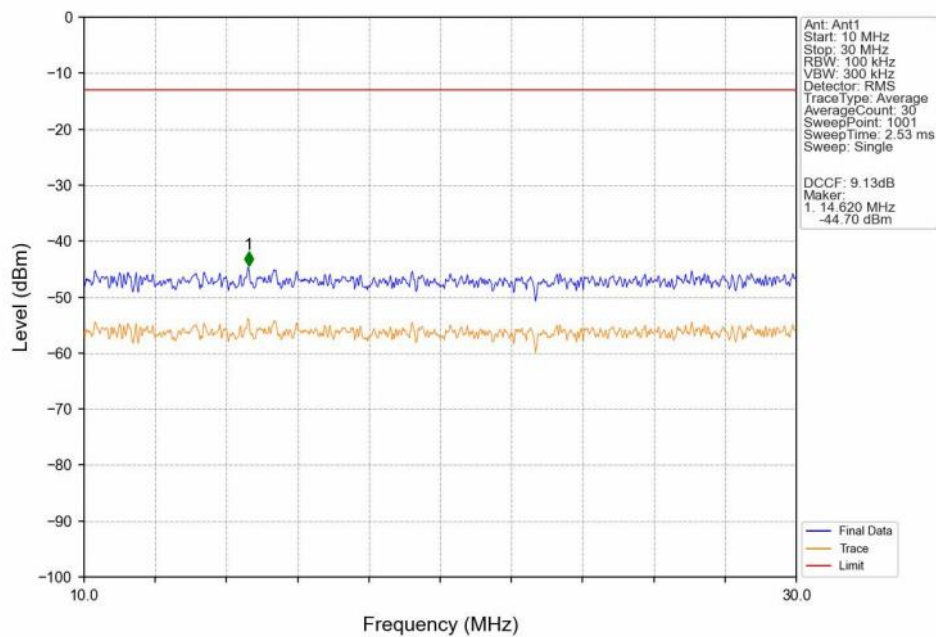
PCS1900 GPRS HCH 1909.8MHz 1 TX Slot NTNV



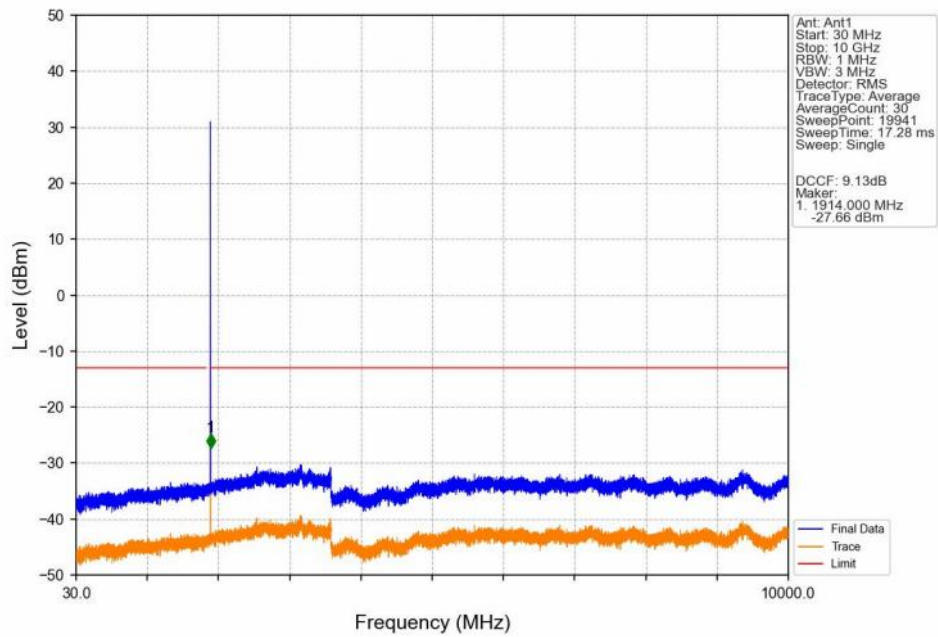
PCS1900 GPRS HCH 1909.8MHz 1 TX Slot NTNV



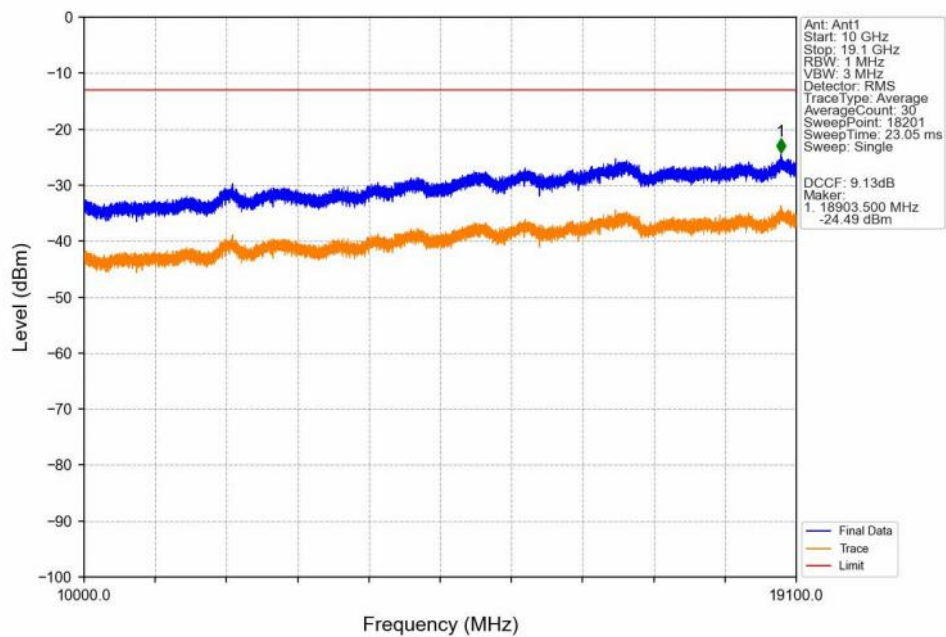
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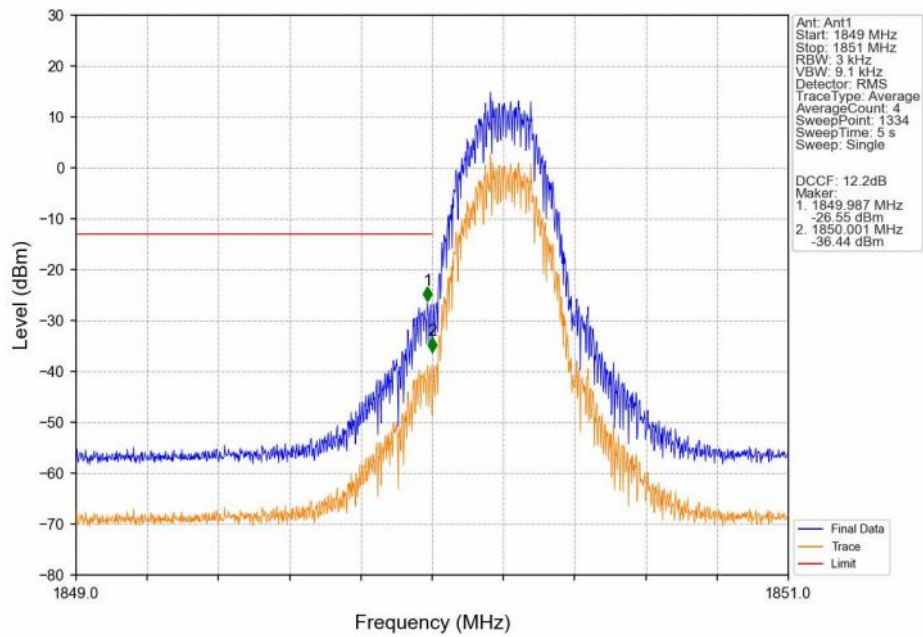
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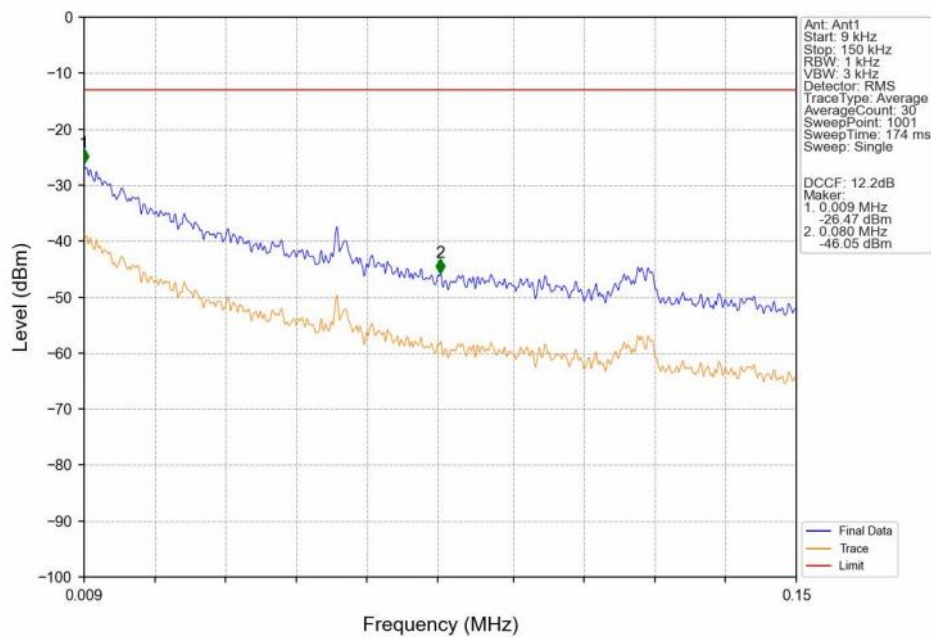
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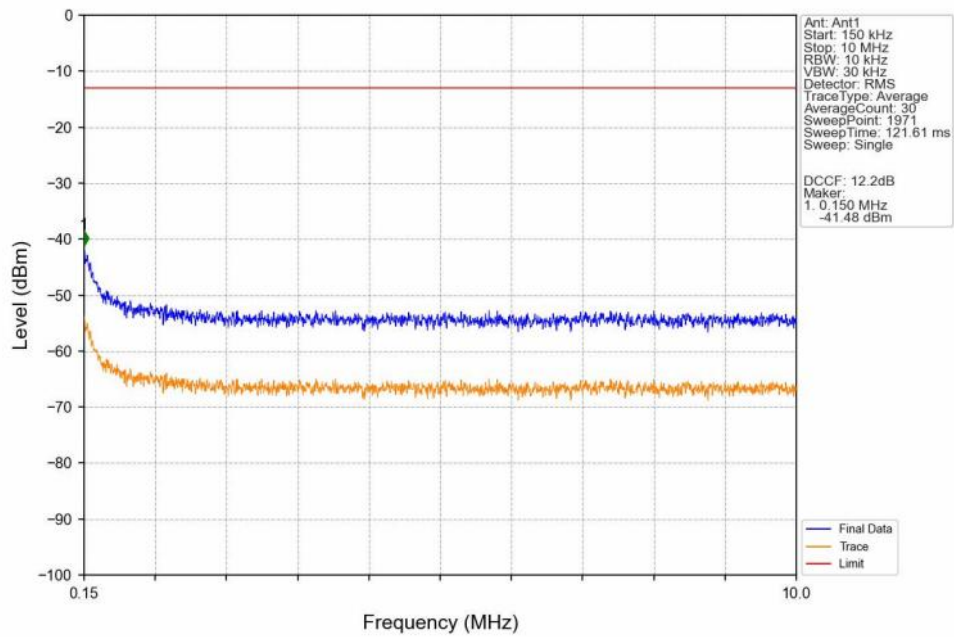
PCS1900 EGPRS LCH 1850.2MHz 1 TX Slot\_NTNV



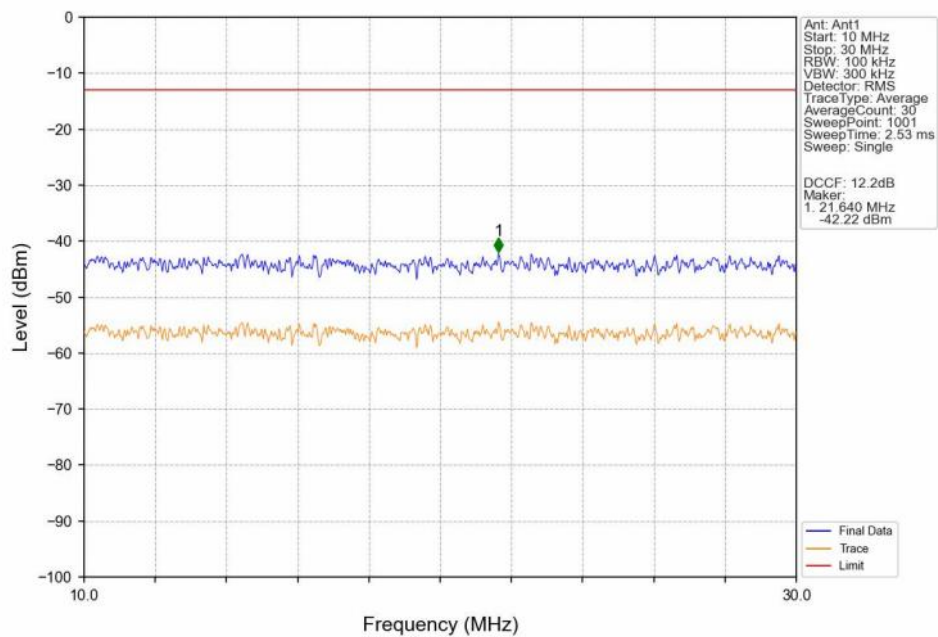
PCS1900 EGPRS LCH 1850.2MHz 1 TX Slot\_NTNV



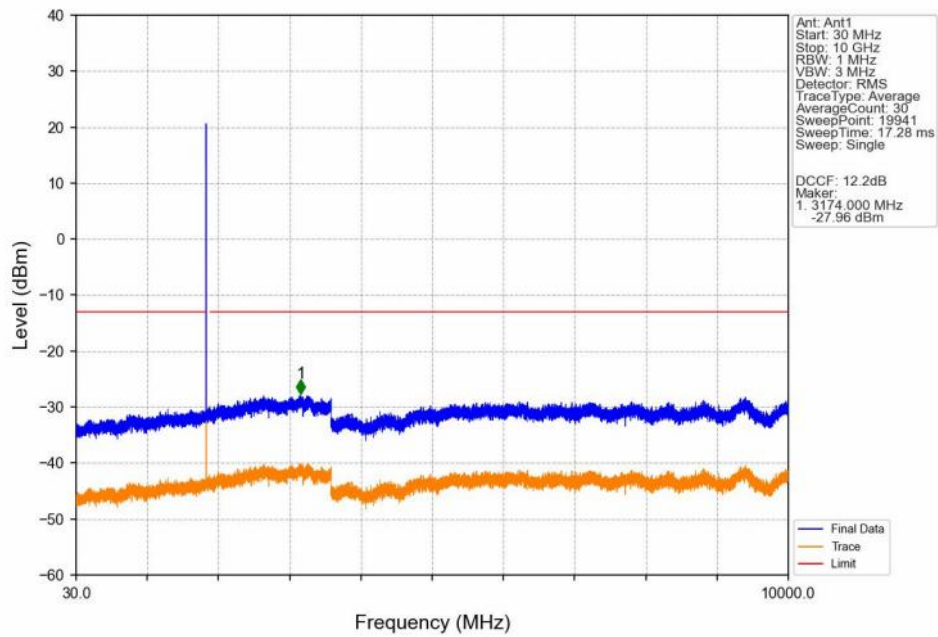
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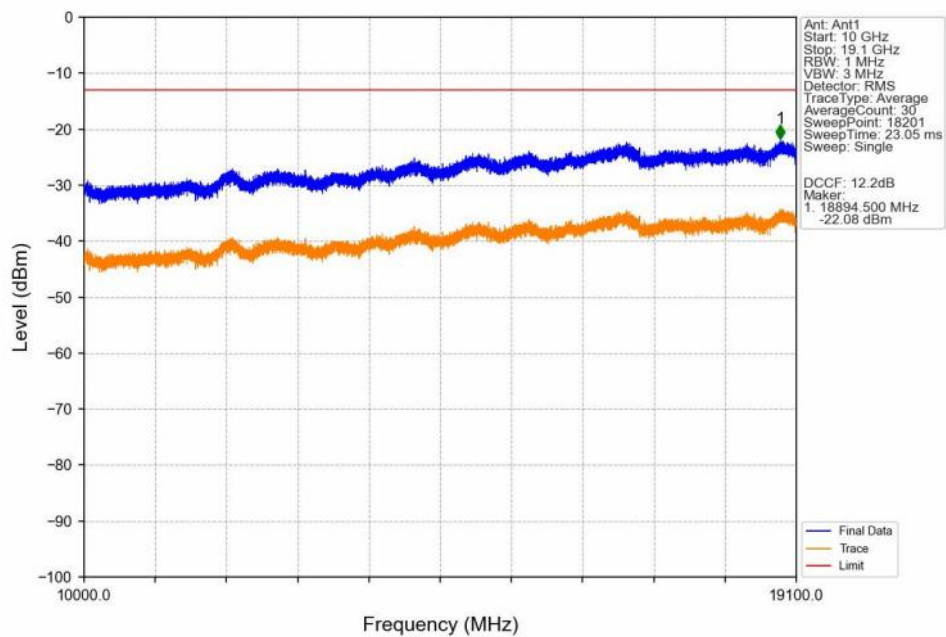
PCS1900\_EGPRS\_LCH\_1850.2MHz\_1\_TX\_Slot\_NTNV



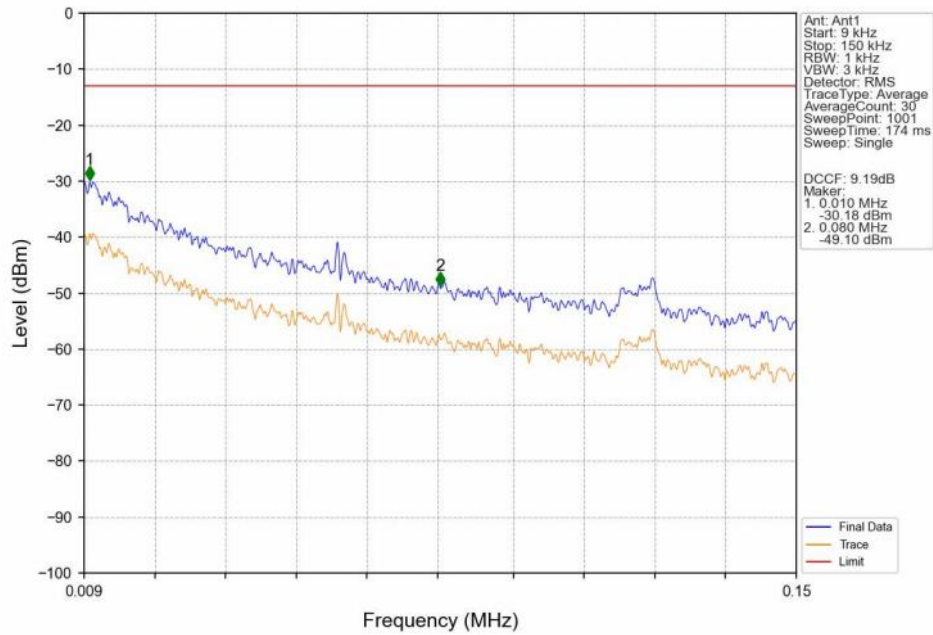
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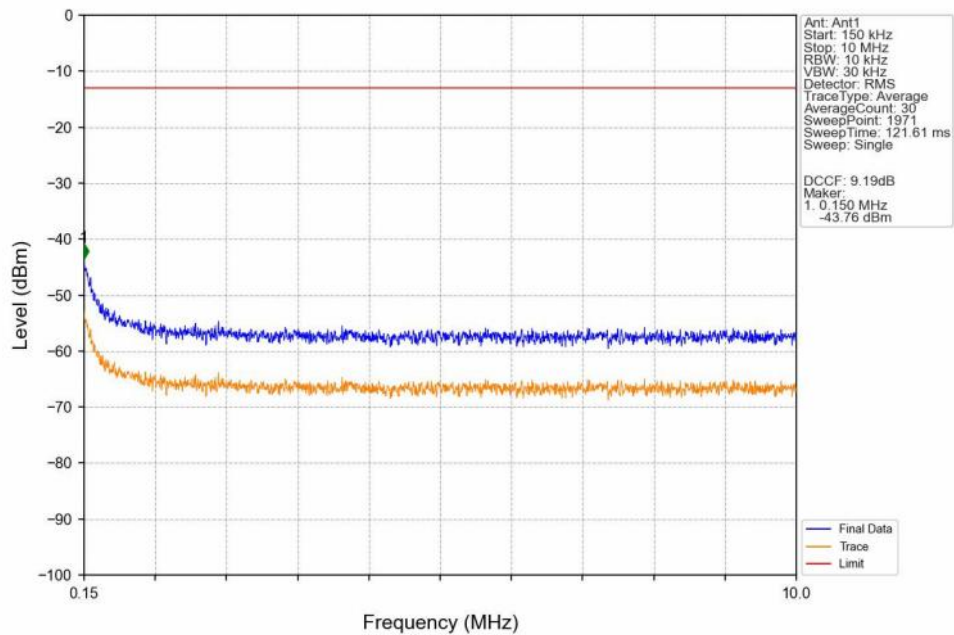
PCS1900 EGPRS LCH 1850.2MHz 1 TX Slot\_NTNV



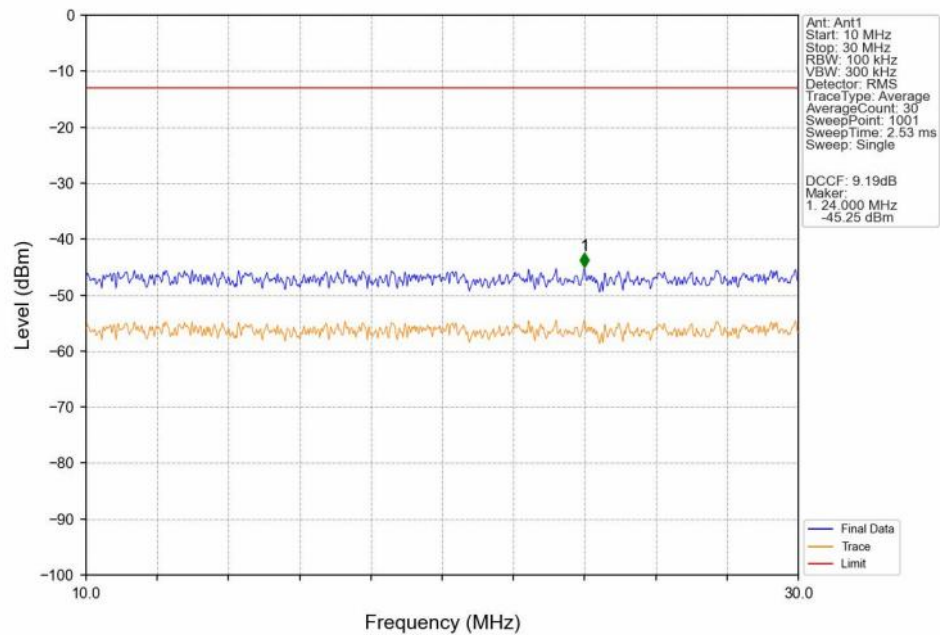
PCS1900 EGPRS MCH 1880MHz 1 TX Slot\_NTNV



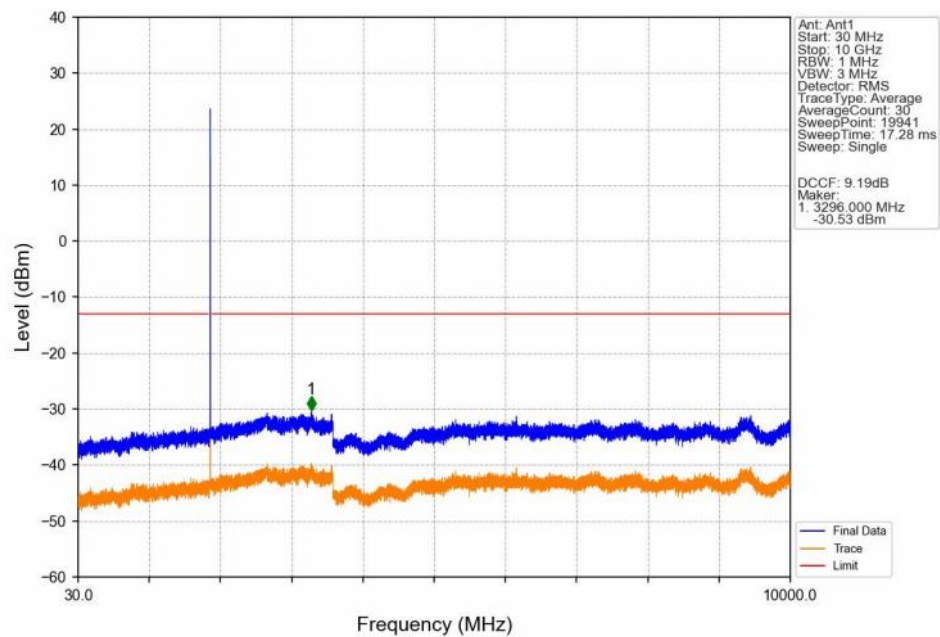
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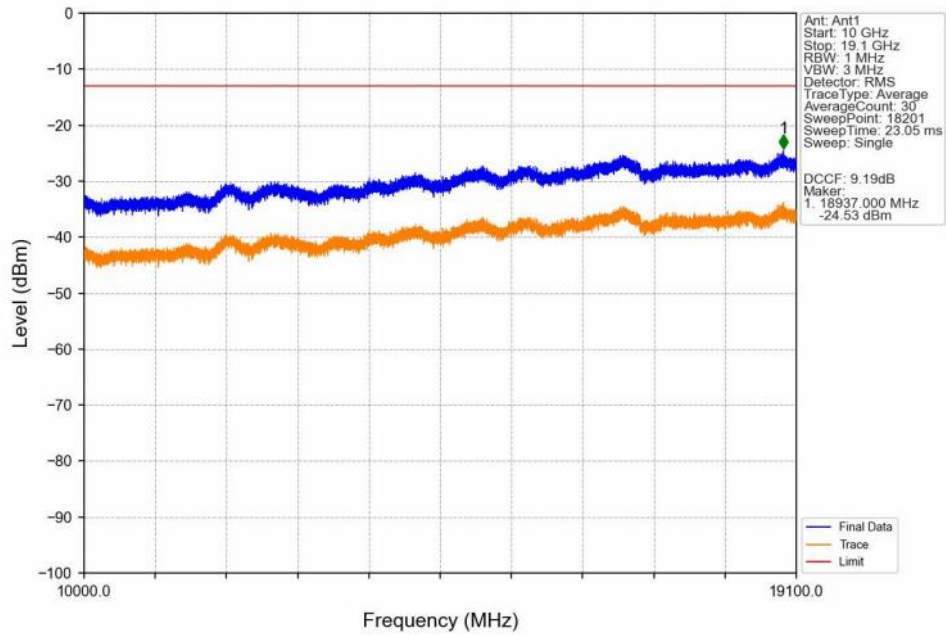
PCS1900 EGPRS MCH 1880MHz 1 TX Slot\_NTNV



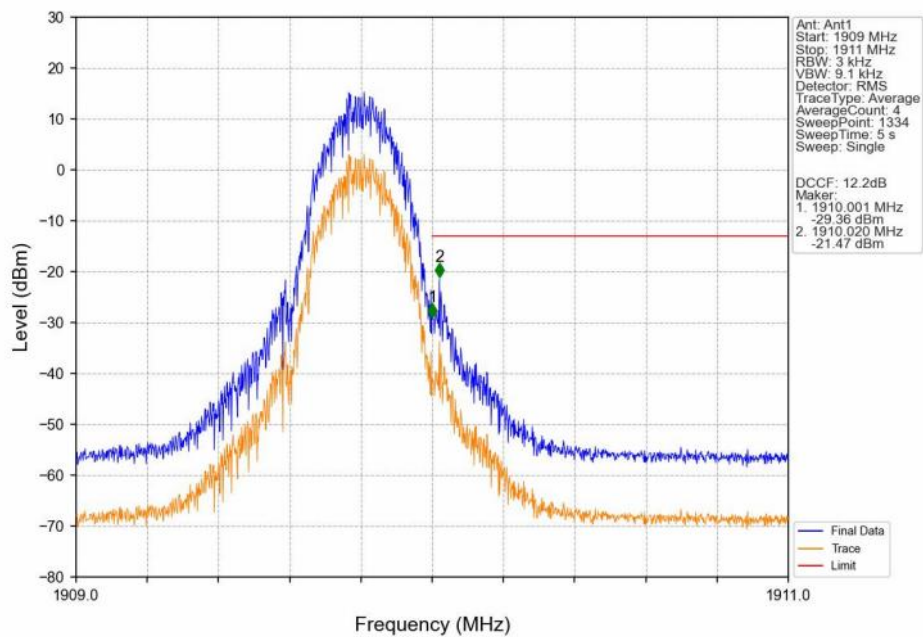
PCS1900 EGPRS MCH 1880MHz 1 TX Slot\_NTNV



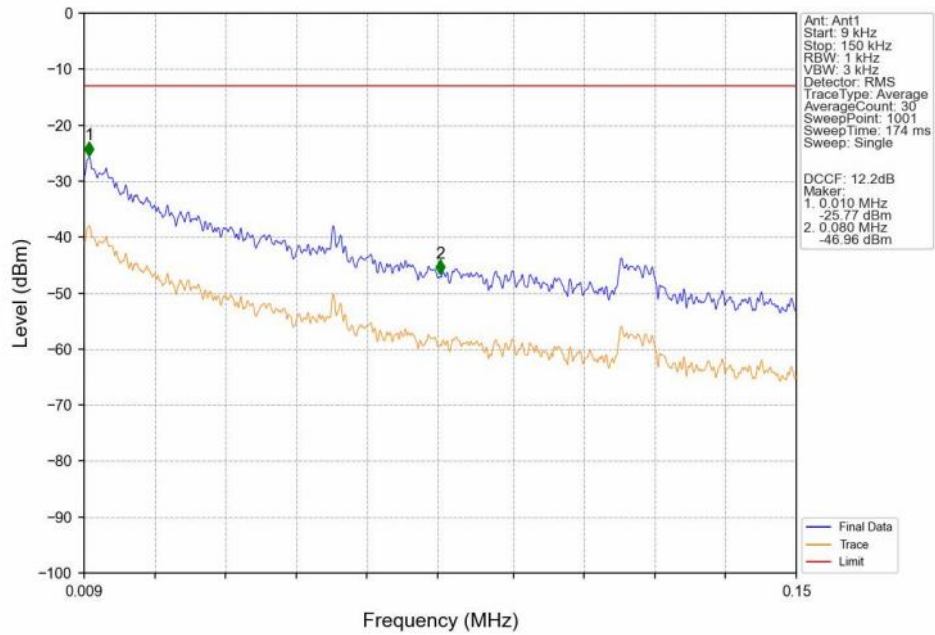
PCS1900 EGPRS MCH 1880MHz 1 TX Slot\_NTNV



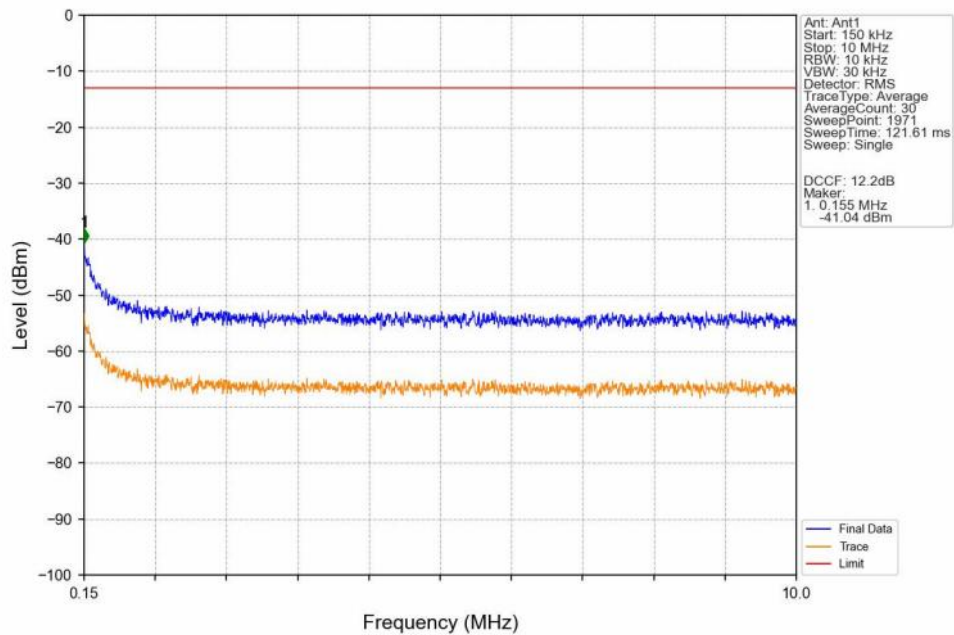
PCS1900 EGPRS HCH 1909.8MHz 1 TX Slot\_NTNV



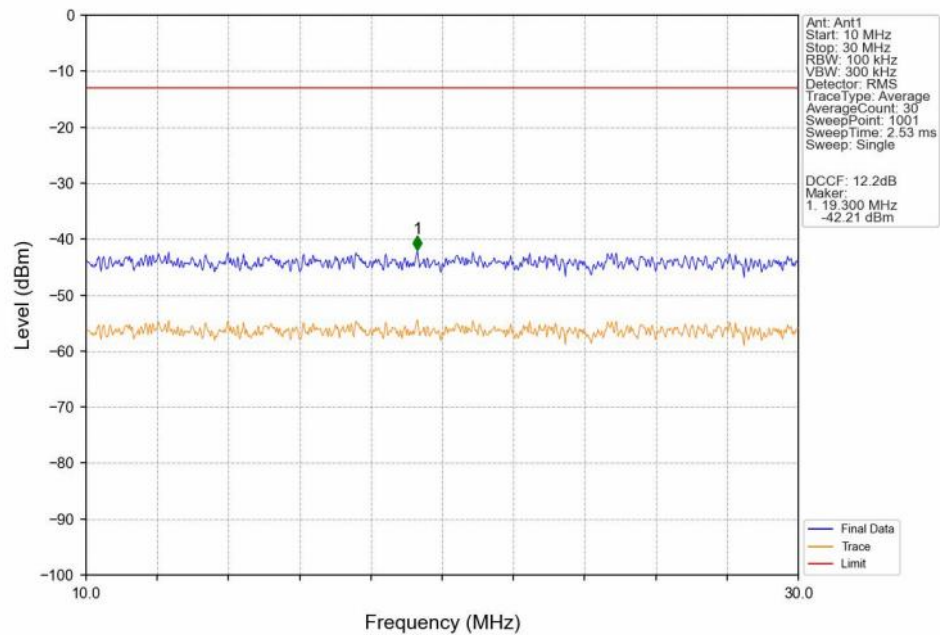
PCS1900 EGPRS HCH 1909.8MHz 1 TX Slot\_NTNV



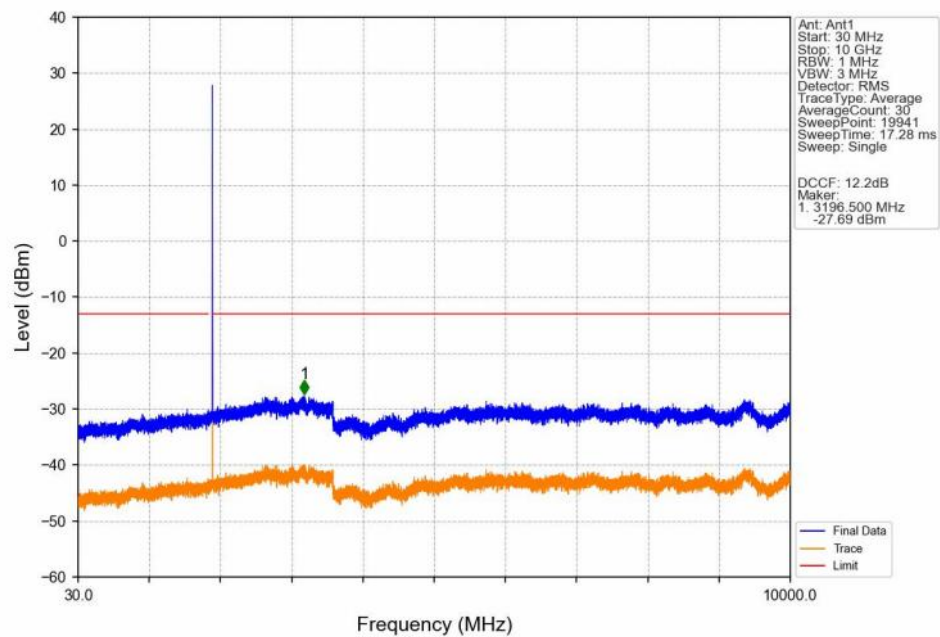
PCS1900 EGPRS HCH 1909.8MHz 1 TX Slot\_NTNV

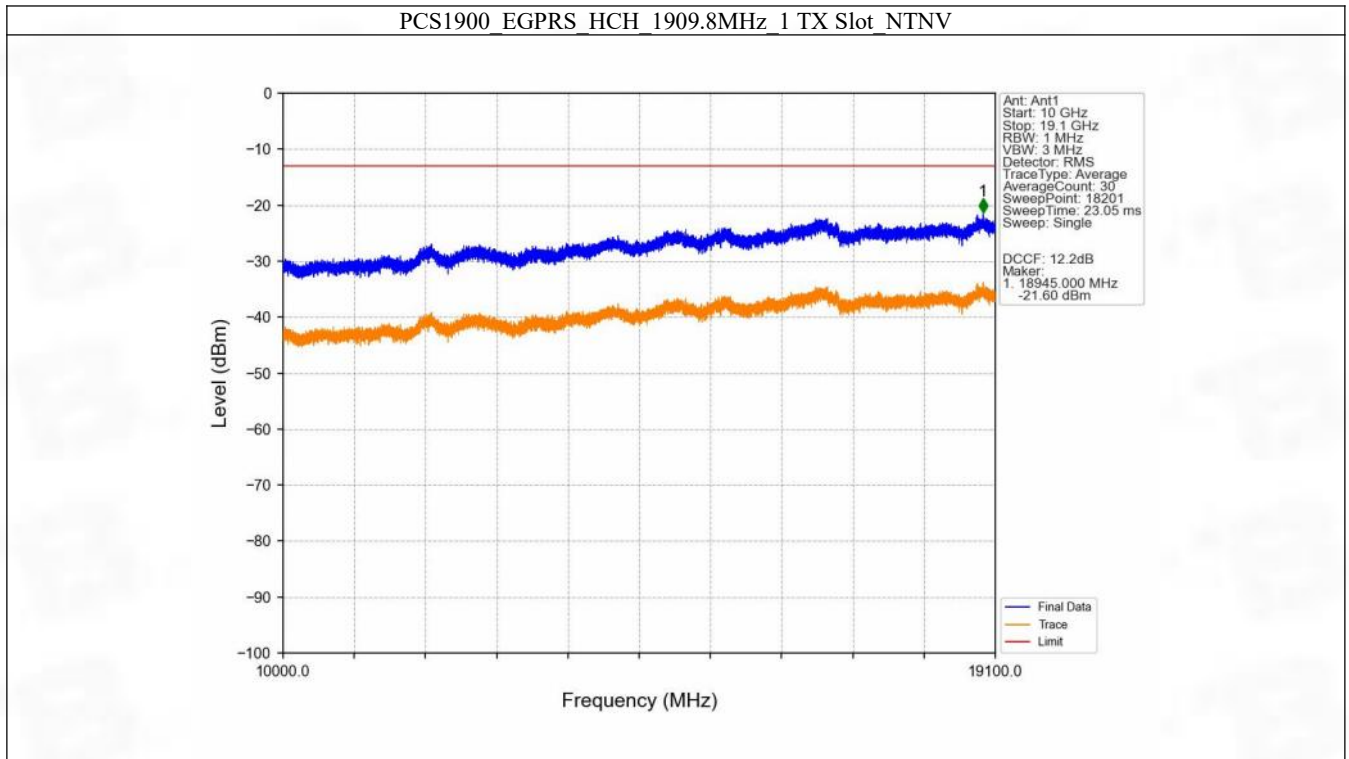


PCS1900 EGPRS HCH 1909.8MHz 1 TX Slot NTN



PCS1900 EGPRS HCH 1909.8MHz 1 TX Slot NTN





## 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    | 1.2764        | 0.0093 | ppm    | 245KGXW             | 24E        | 31.06           |
| PCS1900 | 0.2 | 1850.2     | 1909.8    | 0.3784        | 0.0048 | ppm    | 251KG7W             | 24E        | 25.78           |

#### 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    | 0.8790        | 0.0093 | ppm    | 245KGXW             | 24E        | 29.44           |
| PCS1900 | 0.2 | 1850.2     | 1909.8    | 0.2606        | 0.0048 | ppm    | 251KG7W             | 24E        | 24.16           |