

**FCC ID: M7C-EID1400**

**ANNEX A**

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## FCC WCDMA Band 5 Test Data

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

| Band   | Frequency (MHz) | UL Rate(kHz) | Conducted Power(dBm) | ANT Gain(dBi) | ERP(dBm) | ERP(mW) | limit(mW) | Result |
|--------|-----------------|--------------|----------------------|---------------|----------|---------|-----------|--------|
| Band 5 | 826.4           | 12.2         | 21.58                | 0.5           | 19.93    | 98.40   | 7000      | Pass   |
| Band 5 | 836.6           | 12.2         | 21.5                 | 0.5           | 19.85    | 96.61   | 7000      | Pass   |
| Band 5 | 846.6           | 12.2         | 21.44                | 0.5           | 19.79    | 95.28   | 7000      | Pass   |

| Band  | Channel | SubTest | Conducted Power(dBm) | ANT Gain(dBi) | EIRP(dBm) | EIRP(mW) | limit(mW) | Result |
|-------|---------|---------|----------------------|---------------|-----------|----------|-----------|--------|
| Band2 | 9262    | 1       | 19.77                | 0.5           | 20.27     | 106.41   | 2000      | Pass   |
| Band2 | 9262    | 2       | 19.45                | 0.5           | 19.95     | 98.86    | 2000      | Pass   |
| Band2 | 9262    | 3       | 19.43                | 0.5           | 19.93     | 98.40    | 2000      | Pass   |
| Band2 | 9262    | 4       | 19.47                | 0.5           | 19.97     | 99.31    | 2000      | Pass   |
| Band2 | 9400    | 1       | 19.62                | 0.5           | 20.12     | 102.80   | 2000      | Pass   |
| Band2 | 9400    | 2       | 19.20                | 0.5           | 19.70     | 93.33    | 2000      | Pass   |
| Band2 | 9400    | 3       | 19.07                | 0.5           | 19.57     | 90.57    | 2000      | Pass   |
| Band2 | 9400    | 4       | 19.10                | 0.5           | 19.60     | 91.20    | 2000      | Pass   |
| Band2 | 9538    | 1       | 20.05                | 0.5           | 20.55     | 113.50   | 2000      | Pass   |
| Band2 | 9538    | 2       | 19.70                | 0.5           | 20.20     | 104.71   | 2000      | Pass   |
| Band2 | 9538    | 3       | 19.45                | 0.5           | 19.95     | 98.86    | 2000      | Pass   |
| Band2 | 9538    | 4       | 19.56                | 0.5           | 20.06     | 101.39   | 2000      | Pass   |

| Band  | Channel | SubTest | Conducted Power(dBm) | ANT Gain(dBi) | EIRP(dBm) | EIRP(mW) | limit(mW) | Result |
|-------|---------|---------|----------------------|---------------|-----------|----------|-----------|--------|
| Band2 | 9262    | 1       | 18.55                | 0.5           | 19.05     | 80.35    | 2000      | Pass   |
| Band2 | 9262    | 2       | 18.70                | 0.5           | 19.20     | 83.18    | 2000      | Pass   |
| Band2 | 9262    | 3       | 18.54                | 0.5           | 19.04     | 80.17    | 2000      | Pass   |
| Band2 | 9262    | 4       | 18.49                | 0.5           | 18.99     | 79.25    | 2000      | Pass   |
| Band2 | 9262    | 5       | 20.31                | 0.5           | 20.81     | 120.50   | 2000      | Pass   |
| Band2 | 9400    | 1       | 18.40                | 0.5           | 18.90     | 77.62    | 2000      | Pass   |
| Band2 | 9400    | 2       | 18.63                | 0.5           | 19.13     | 81.85    | 2000      | Pass   |
| Band2 | 9400    | 3       | 19.20                | 0.5           | 19.70     | 93.33    | 2000      | Pass   |
| Band2 | 9400    | 4       | 18.31                | 0.5           | 18.81     | 76.03    | 2000      | Pass   |
| Band2 | 9400    | 5       | 19.96                | 0.5           | 20.46     | 111.17   | 2000      | Pass   |
| Band2 | 9538    | 1       | 18.44                | 0.5           | 18.94     | 78.34    | 2000      | Pass   |
| Band2 | 9538    | 2       | 18.87                | 0.5           | 19.37     | 86.50    | 2000      | Pass   |
| Band2 | 9538    | 3       | 18.82                | 0.5           | 19.32     | 85.51    | 2000      | Pass   |
| Band2 | 9538    | 4       | 18.34                | 0.5           | 18.84     | 76.56    | 2000      | Pass   |
| Band2 | 9538    | 5       | 20.16                | 0.5           | 20.66     | 116.41   | 2000      | Pass   |

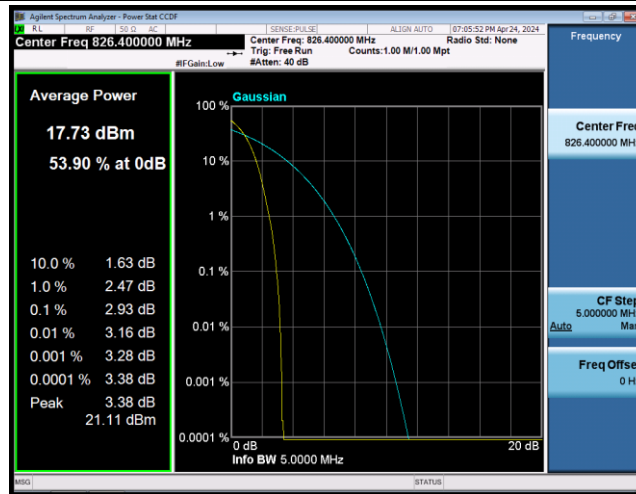
## 2. Peak-to-Average Ratio

| Band  | Channel | Peak-to-Average Ratio(dB) | Limit(dB) | Verdict |
|-------|---------|---------------------------|-----------|---------|
| Band5 | 4132    | 2.93                      | 13        | PASS    |
| Band5 | 4182    | 2.99                      | 13        | PASS    |
| Band5 | 4233    | 2.98                      | 13        | PASS    |

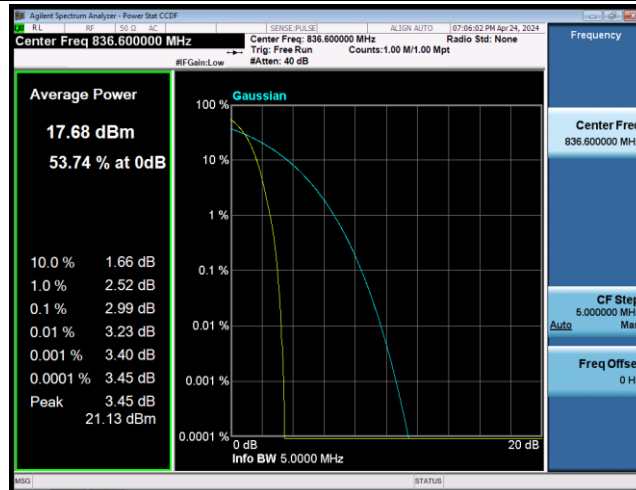
| Band  | Channel | SubTest | Peak-to-Average Ratio(dB) | Limit(dB) | Verdict |
|-------|---------|---------|---------------------------|-----------|---------|
| Band5 | 4132    | 1       | 3.53                      | 13        | PASS    |
| Band5 | 4132    | 2       | 3.53                      | 13        | PASS    |
| Band5 | 4132    | 3       | 4.13                      | 13        | PASS    |
| Band5 | 4132    | 4       | 4.2                       | 13        | PASS    |
| Band5 | 4182    | 1       | 3.56                      | 13        | PASS    |
| Band5 | 4182    | 2       | 3.56                      | 13        | PASS    |
| Band5 | 4182    | 3       | 4.2                       | 13        | PASS    |
| Band5 | 4182    | 4       | 4.23                      | 13        | PASS    |
| Band5 | 4233    | 1       | 3.62                      | 13        | PASS    |
| Band5 | 4233    | 2       | 3.62                      | 13        | PASS    |
| Band5 | 4233    | 3       | 4.26                      | 13        | PASS    |
| Band5 | 4233    | 4       | 4.36                      | 13        | PASS    |

| Band  | Channel | SubTest | Peak-to-Average Ratio(dB) | Limit(dB) | Verdict |
|-------|---------|---------|---------------------------|-----------|---------|
| Band5 | 4132    | 1       | 4.65                      | 13        | PASS    |
| Band5 | 4132    | 2       | 5.74                      | 13        | PASS    |
| Band5 | 4132    | 3       | 5.29                      | 13        | PASS    |
| Band5 | 4132    | 4       | 5.74                      | 13        | PASS    |
| Band5 | 4132    | 5       | 4.62                      | 13        | PASS    |
| Band5 | 4182    | 1       | 4.68                      | 13        | PASS    |
| Band5 | 4182    | 2       | 5.71                      | 13        | PASS    |
| Band5 | 4182    | 3       | 5.29                      | 13        | PASS    |
| Band5 | 4182    | 4       | 5.74                      | 13        | PASS    |
| Band5 | 4182    | 5       | 4.62                      | 13        | PASS    |
| Band5 | 4233    | 1       | 4.71                      | 13        | PASS    |
| Band5 | 4233    | 2       | 5.74                      | 13        | PASS    |
| Band5 | 4233    | 3       | 5.29                      | 13        | PASS    |
| Band5 | 4233    | 4       | 5.8                       | 13        | PASS    |
| Band5 | 4233    | 5       | 4.68                      | 13        | PASS    |

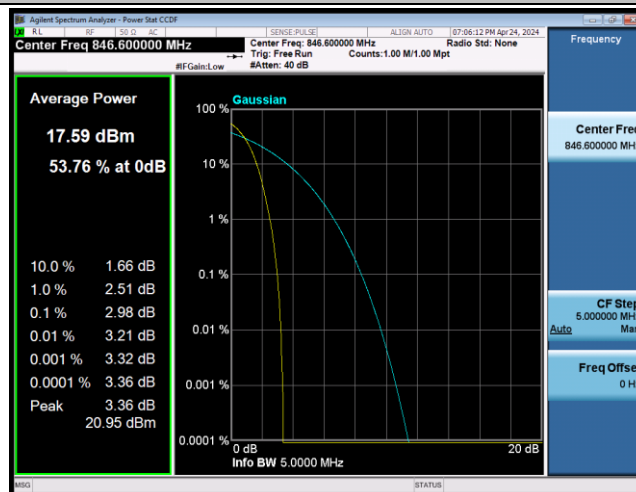
# SA\_65\_NT\_NV\_0\_R99\_Band\_5\_5M\_CH4132\_ULrate12\_2



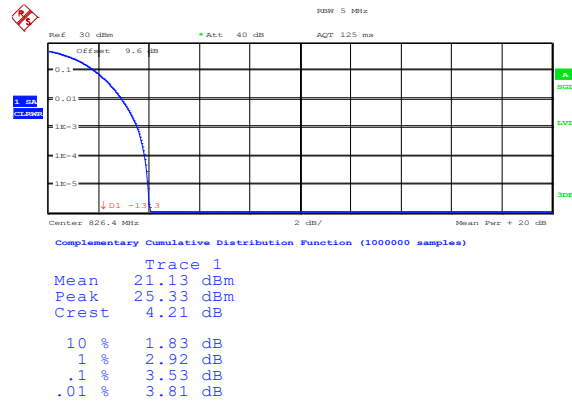
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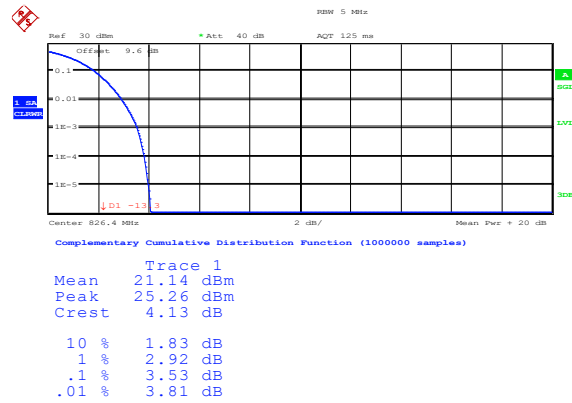
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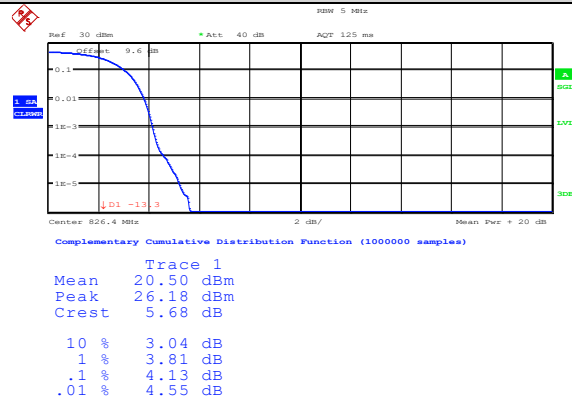
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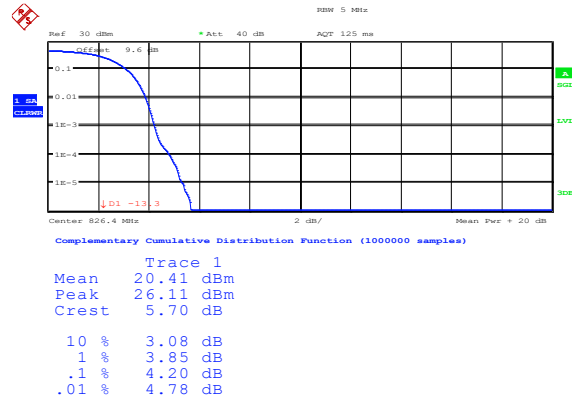
# Band5-4132-2



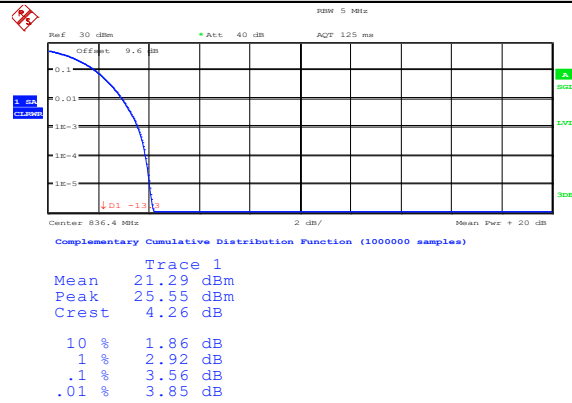
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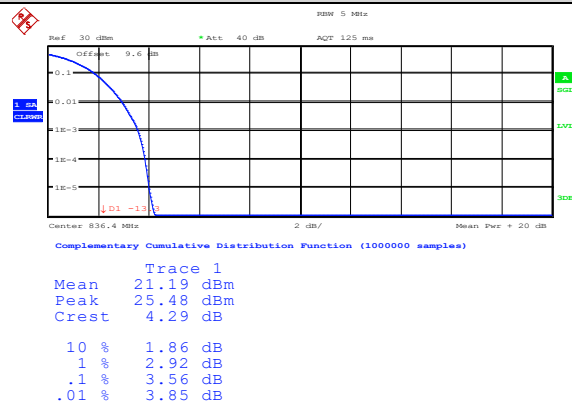
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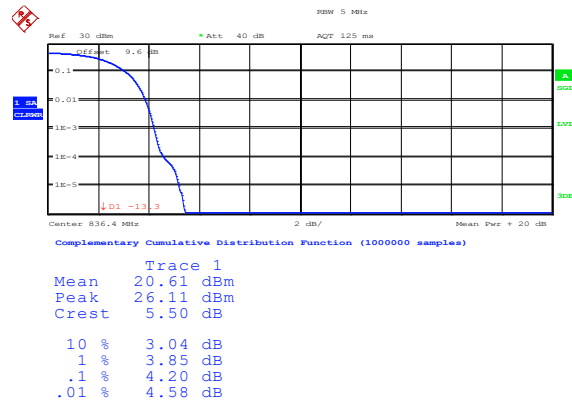
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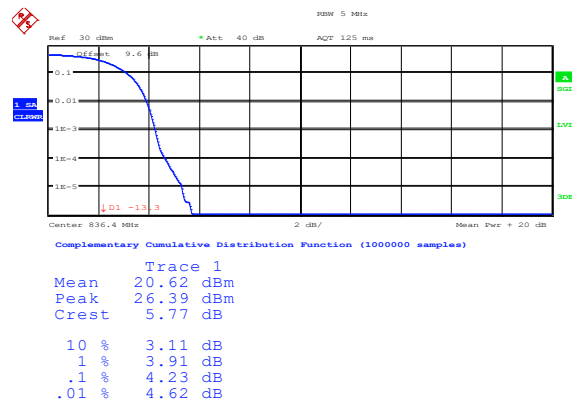
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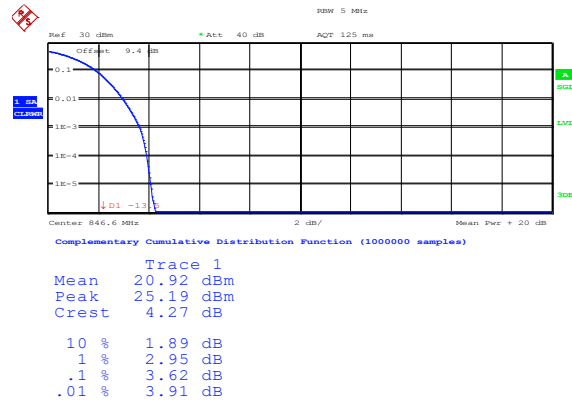
#### Band5-4182-3



#### Band5-4182-4

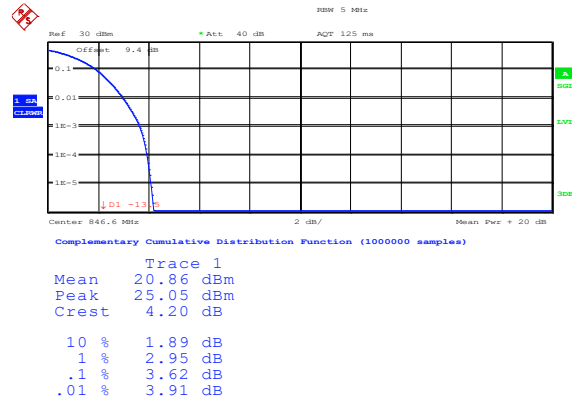


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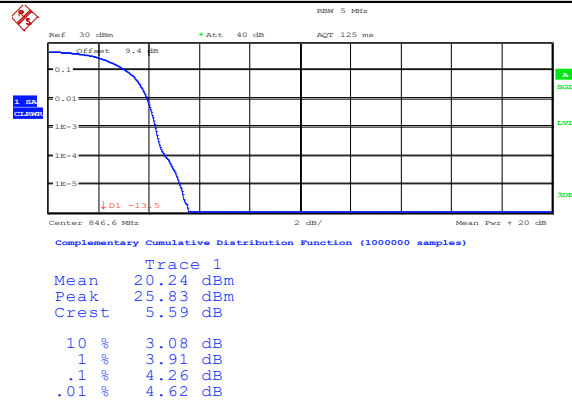


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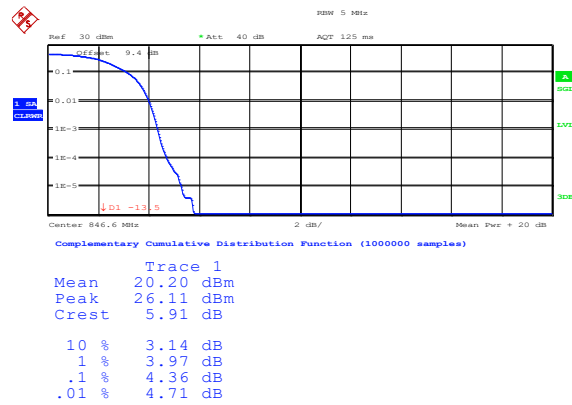




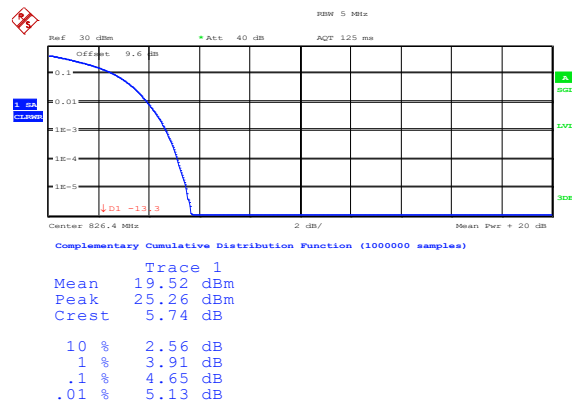
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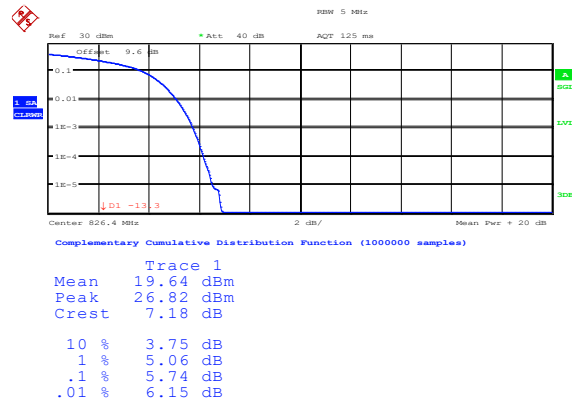
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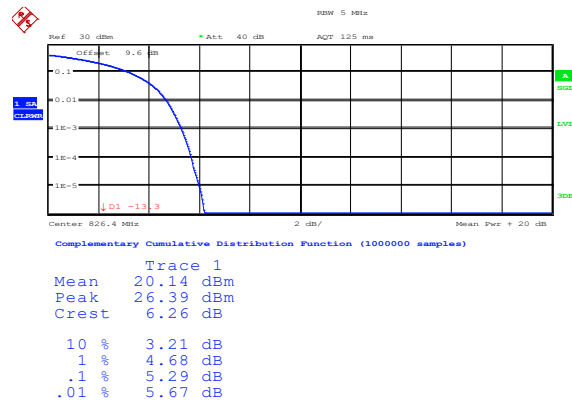
## Band5-4132-1



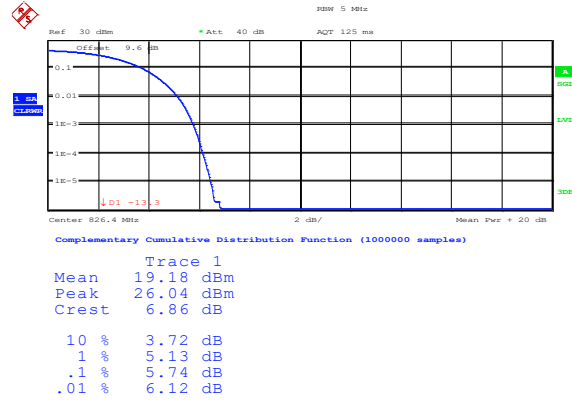
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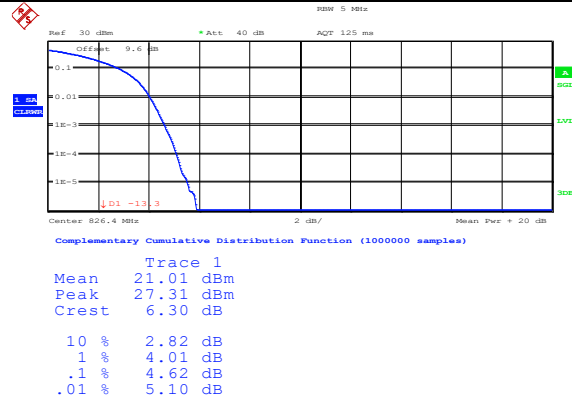
## Band5-4132-3



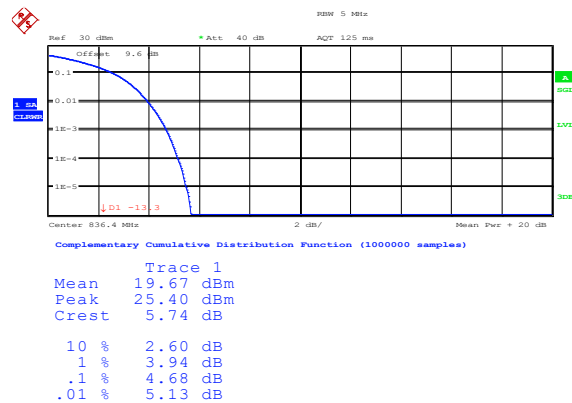
## Band5-4132-4



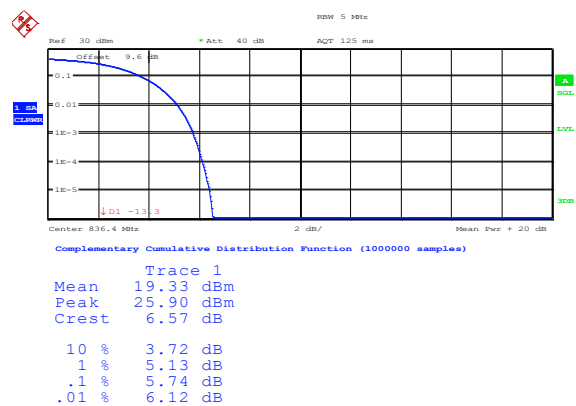
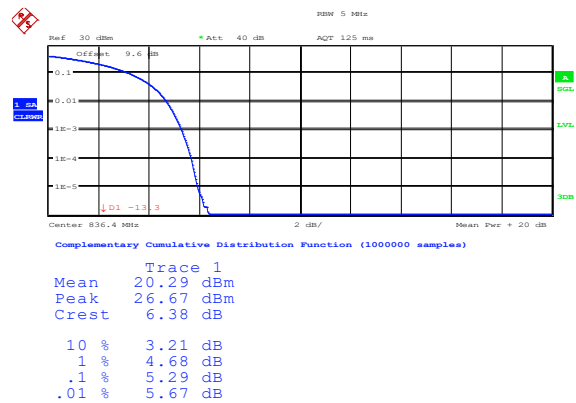
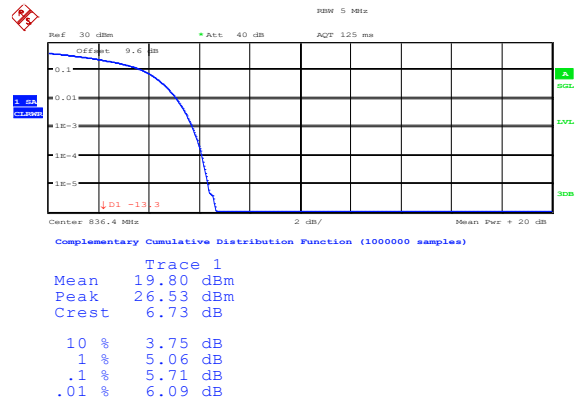
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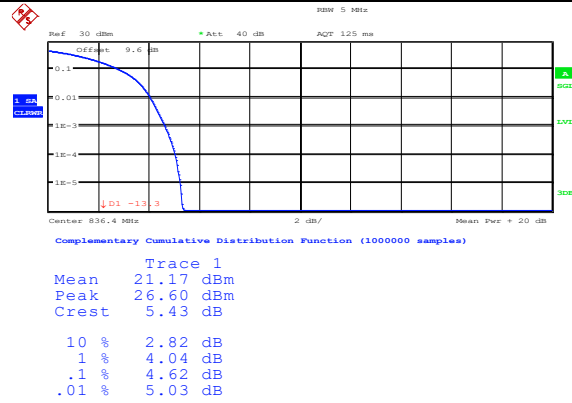


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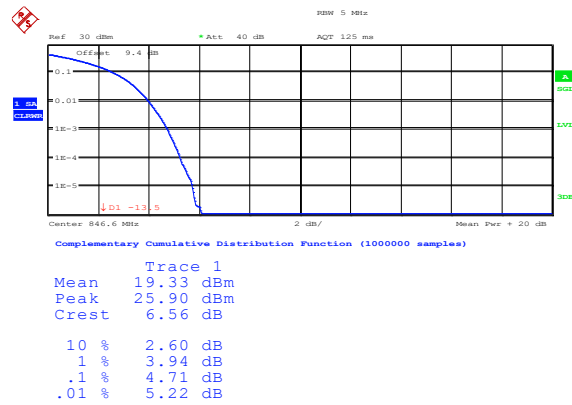


### Band5-4182-2

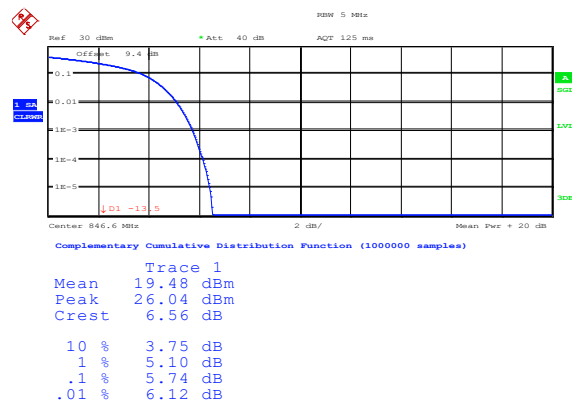




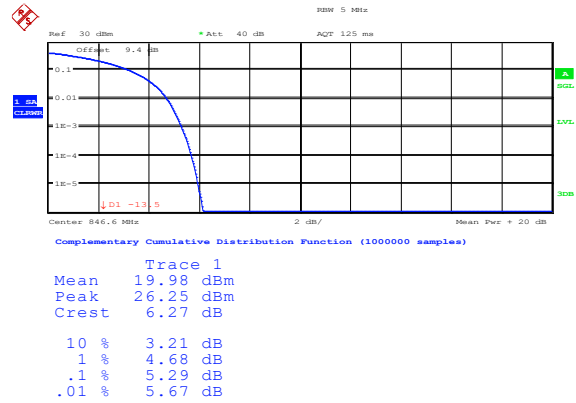
### Band5-4233-1



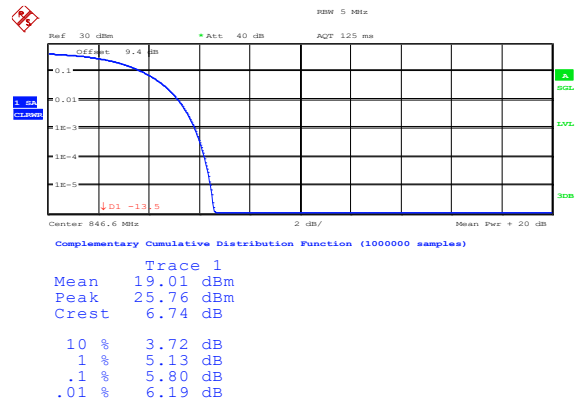
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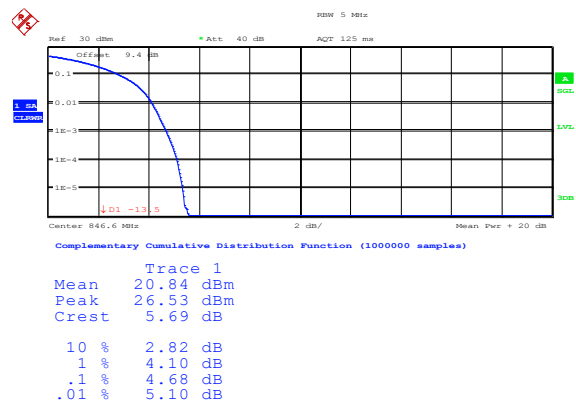
### Band5-4233-3



#### Band5-4233-4



#### Band5-4233-5



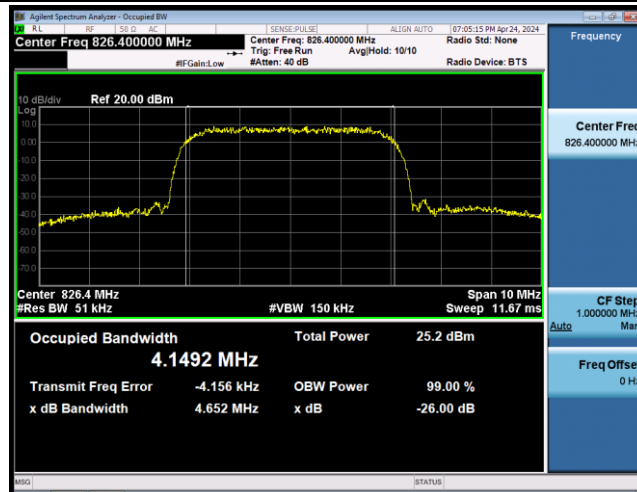
### 3. 26dB Bandwidth and Occupied Bandwidth

| Band  | Channel | Occupied Bandwidth<br>(kHz) | 26dB Bandwidth<br>(kHz) | Limit(kHz) | Verdict |
|-------|---------|-----------------------------|-------------------------|------------|---------|
| Band5 | 4132    | 4.1489                      | 4.6522                  | ---        | PASS    |
| Band5 | 4182    | 4.1587                      | 4.6402                  | ---        | PASS    |
| Band5 | 4233    | 4.1493                      | 4.6554                  | ---        | PASS    |

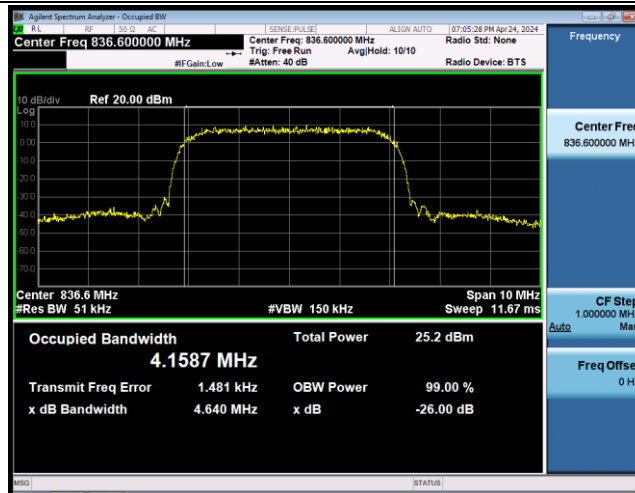
| Band  | Channel | SubTest | Occupied Bandwidth<br>(kHz) | 26dB Bandwidth<br>(kHz) | Limit(kHz) | Verdict |
|-------|---------|---------|-----------------------------|-------------------------|------------|---------|
| Band5 | 4132    | 1       | 4.174                       | 4.66                    | ---        | PASS    |
| Band5 | 4132    | 2       | 4.18                        | 4.72                    | ---        | PASS    |
| Band5 | 4132    | 3       | 4.19                        | 4.72                    | ---        | PASS    |
| Band5 | 4132    | 4       | 4.19                        | 4.73                    | ---        | PASS    |
| Band5 | 4182    | 1       | 4.19                        | 4.72                    | ---        | PASS    |
| Band5 | 4182    | 2       | 4.18                        | 4.73                    | ---        | PASS    |
| Band5 | 4182    | 3       | 4.19                        | 4.73                    | ---        | PASS    |
| Band5 | 4182    | 4       | 4.19                        | 4.73                    | ---        | PASS    |
| Band5 | 4233    | 1       | 4.19                        | 4.72                    | ---        | PASS    |
| Band5 | 4233    | 2       | 4.18                        | 4.73                    | ---        | PASS    |
| Band5 | 4233    | 3       | 4.18                        | 4.73                    | ---        | PASS    |
| Band5 | 4233    | 4       | 4.18                        | 4.72                    | ---        | PASS    |

| Band  | Channel | SubTest | Occupied Bandwidth<br>(kHz) | 26dB Bandwidth<br>(kHz) | Limit(kHz) | Verdict |
|-------|---------|---------|-----------------------------|-------------------------|------------|---------|
| Band5 | 4132    | 1       | 4.18                        | 4.72                    | ---        | PASS    |
| Band5 | 4132    | 2       | 4.19                        | 4.74                    | ---        | PASS    |
| Band5 | 4132    | 3       | 4.18                        | 4.72                    | ---        | PASS    |
| Band5 | 4132    | 4       | 4.19                        | 4.74                    | ---        | PASS    |
| Band5 | 4132    | 5       | 4.18                        | 4.72                    | ---        | PASS    |
| Band5 | 4182    | 1       | 4.19                        | 4.72                    | ---        | PASS    |
| Band5 | 4182    | 2       | 4.2                         | 4.75                    | ---        | PASS    |
| Band5 | 4182    | 3       | 4.18                        | 4.72                    | ---        | PASS    |
| Band5 | 4182    | 4       | 4.2                         | 4.73                    | ---        | PASS    |
| Band5 | 4182    | 5       | 4.18                        | 4.73                    | ---        | PASS    |
| Band5 | 4233    | 1       | 4.18                        | 4.73                    | ---        | PASS    |
| Band5 | 4233    | 2       | 4.2                         | 4.73                    | ---        | PASS    |
| Band5 | 4233    | 3       | 4.19                        | 4.73                    | ---        | PASS    |
| Band5 | 4233    | 4       | 4.2                         | 4.75                    | ---        | PASS    |
| Band5 | 4233    | 5       | 4.18                        | 4.72                    | ---        | PASS    |

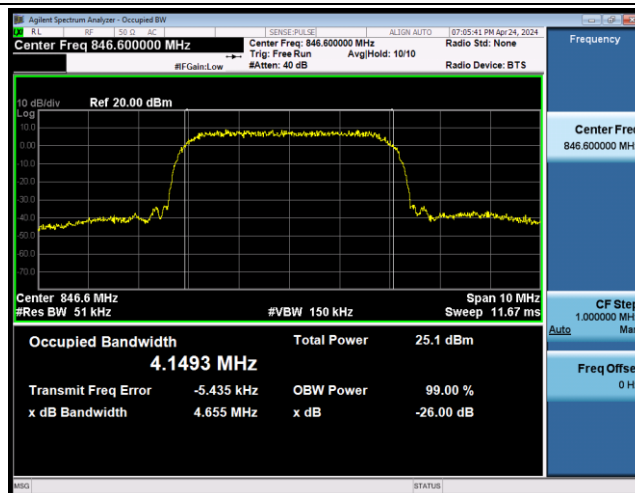
# SA\_65\_NT\_NV\_0\_R99\_Band\_5\_5M\_CH4132\_ULrate12\_2



# SA\_65\_NT\_NV\_0\_R99\_Band\_5\_5M\_CH4183\_ULrate12\_2

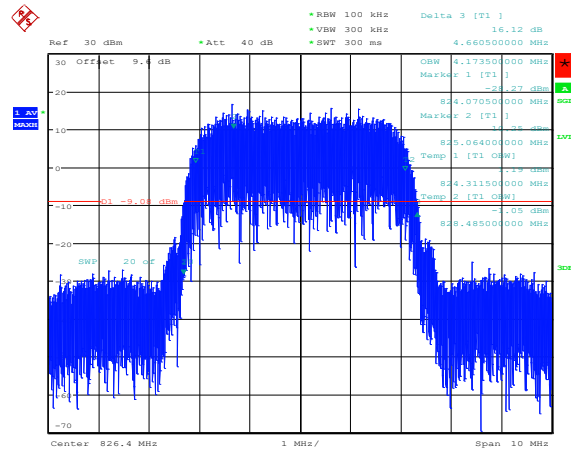


# SA\_65\_NT\_NV\_0\_R99\_Band\_5\_5M\_CH4233\_ULrate12\_2

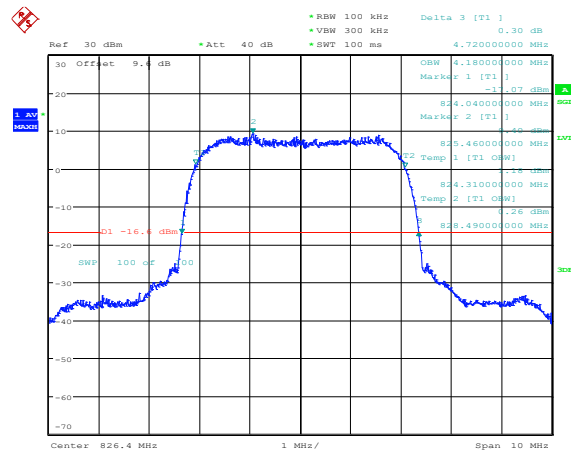




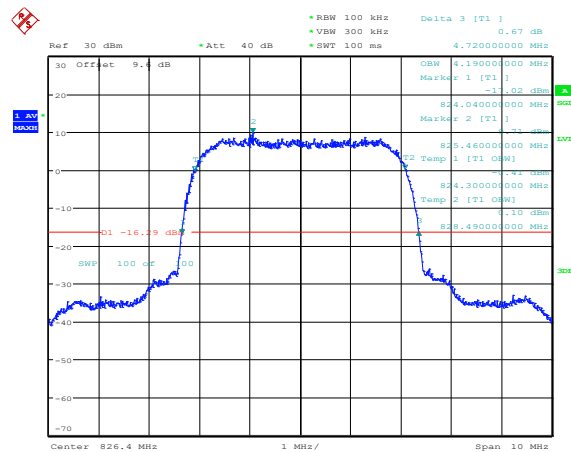
### Band5-4132-1



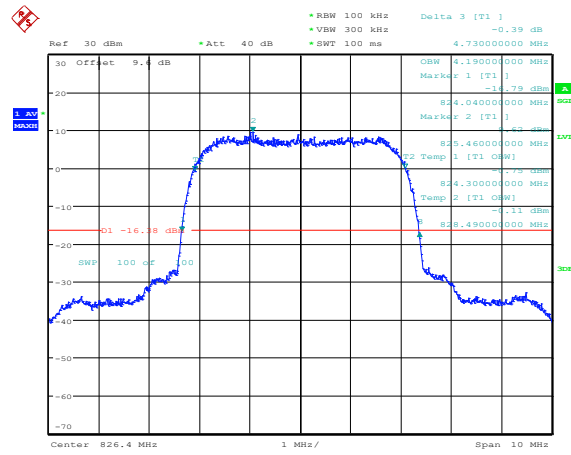
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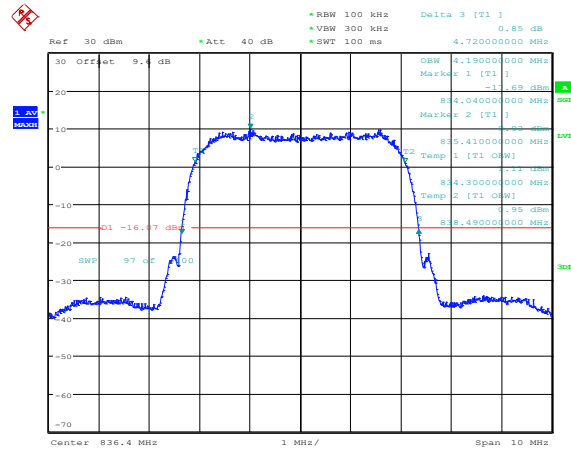
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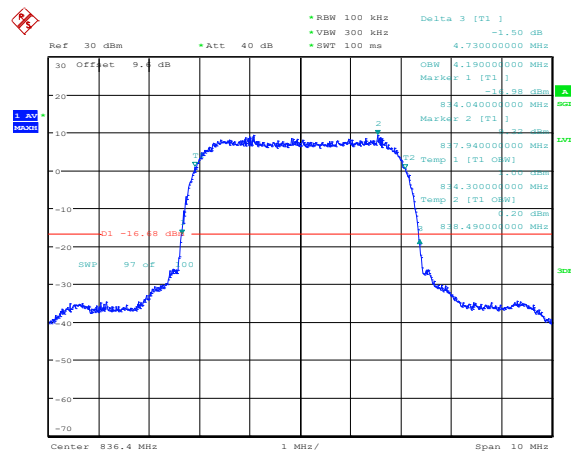
# Band5-4132-4



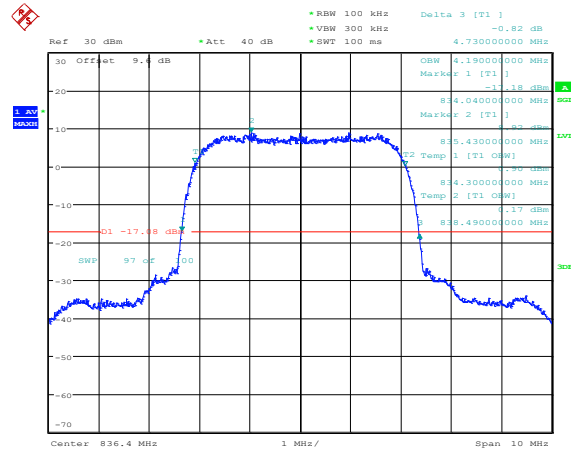
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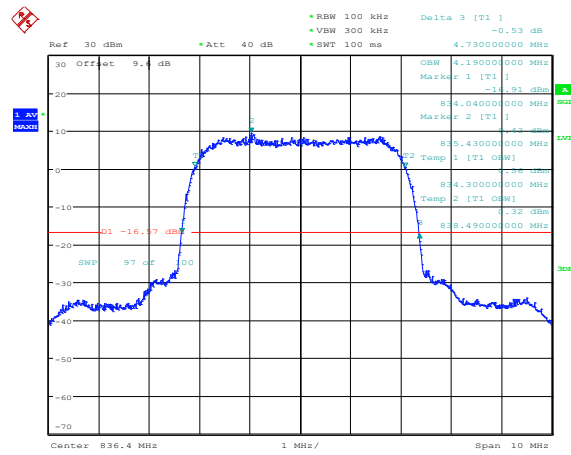
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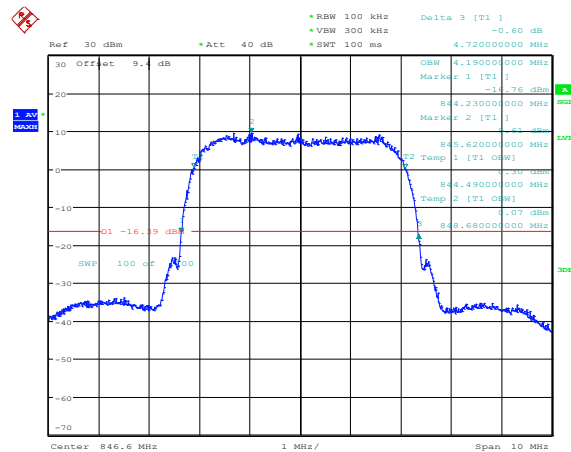
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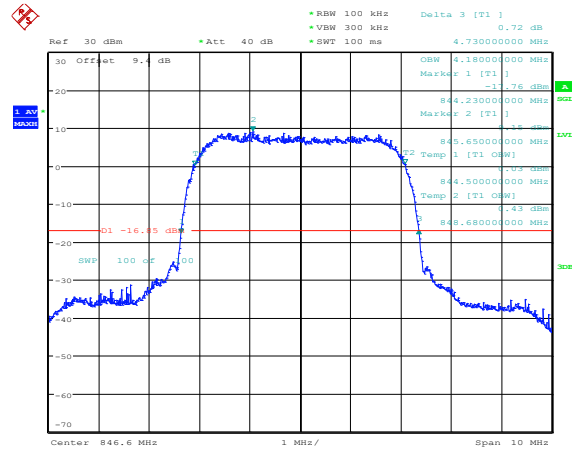
Band5-4182-4



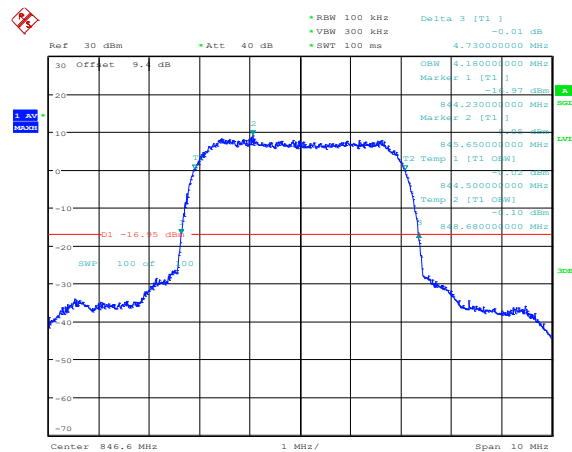
Band5-4233-1



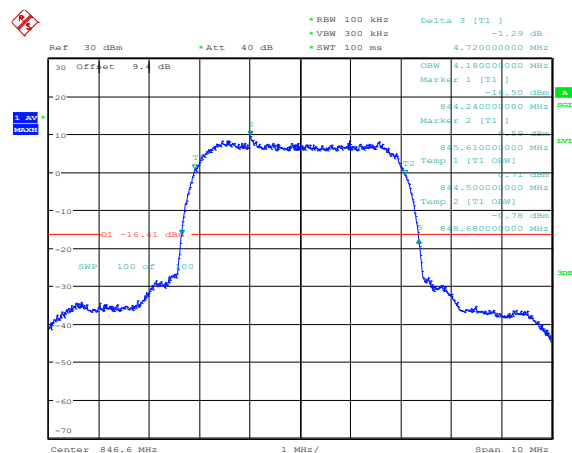
Band5-4233-2



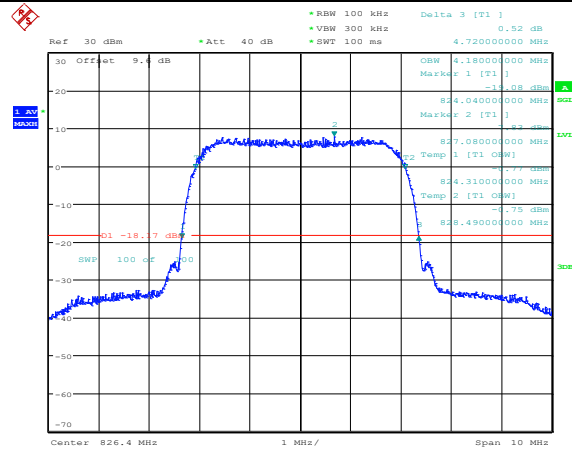
Band5-4233-3



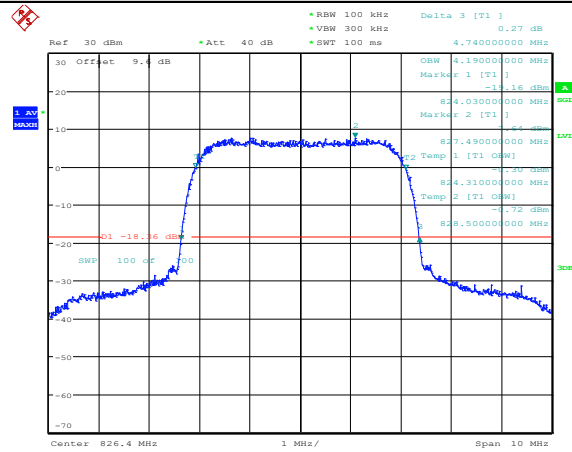
Band5-4233-4



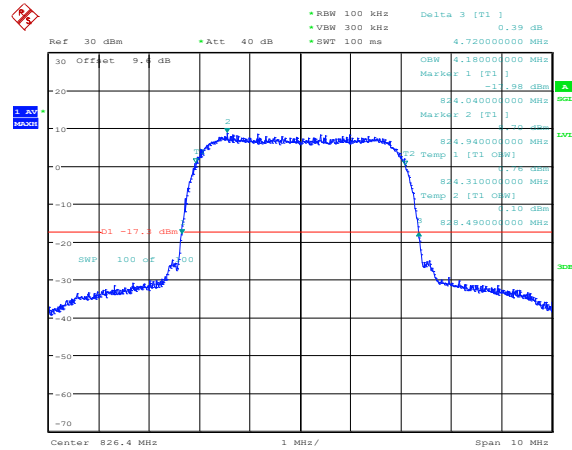
### Band5-4132-1



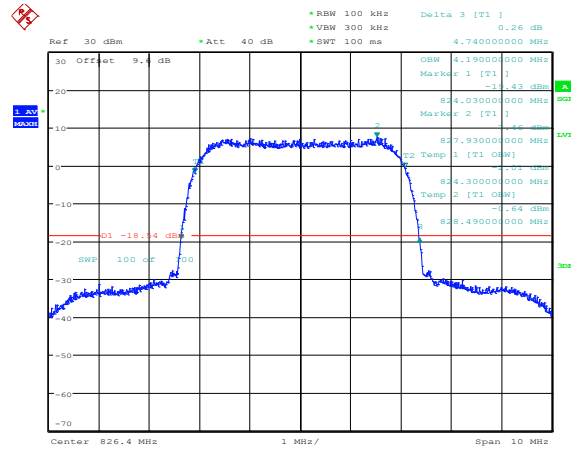
### Band5-4132-2



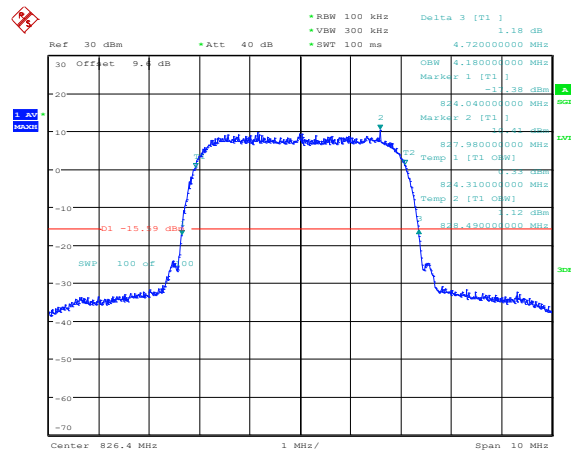
### Band5-4132-3



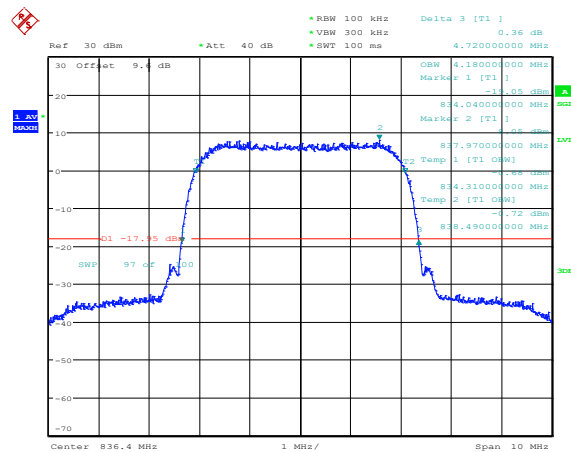
### Band5-4132-4



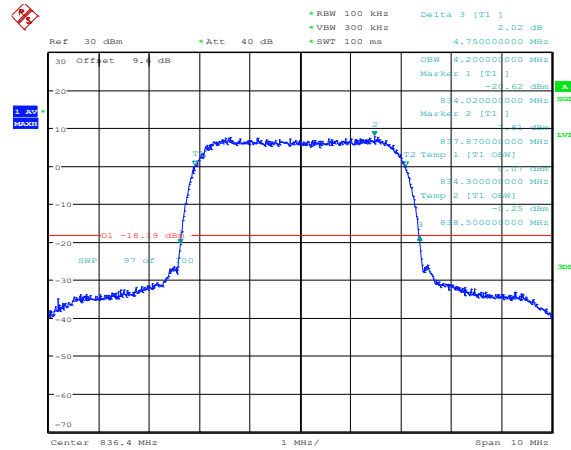
Band5-4132-5



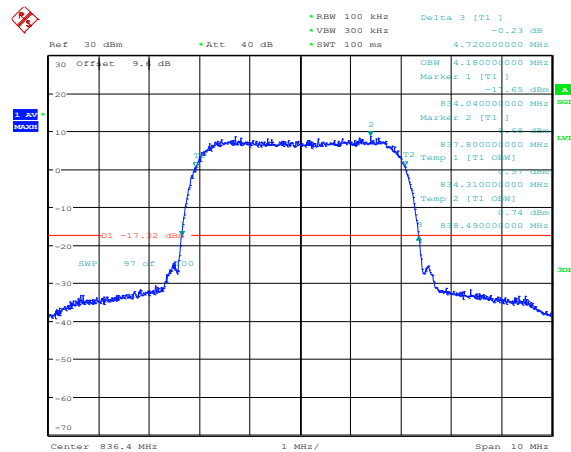
Band5-4182-1



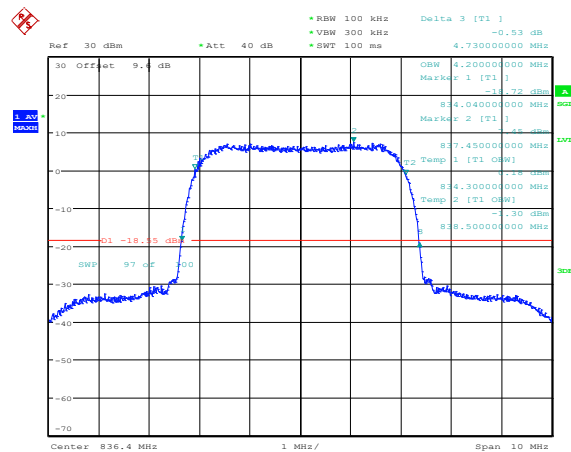
Band5-4182-2



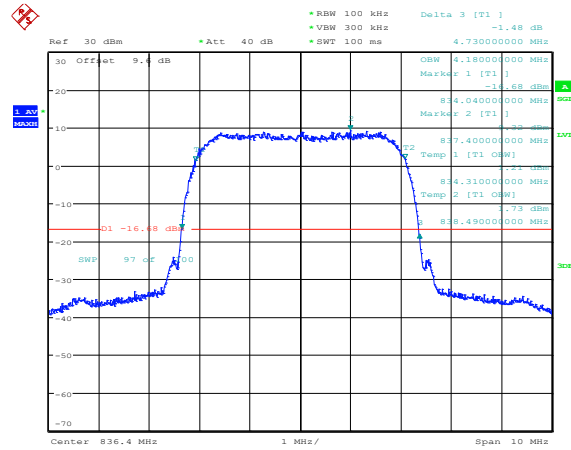
Band5-4182-3



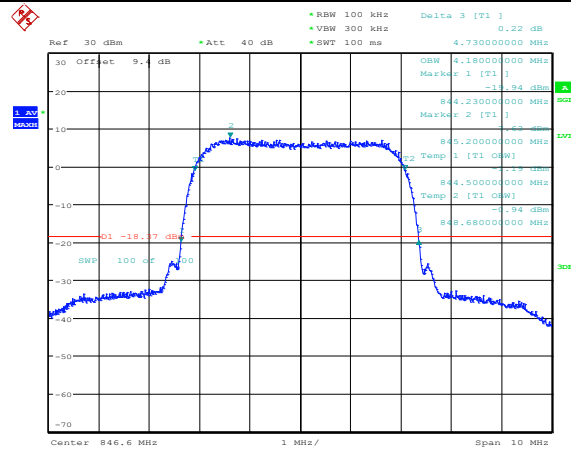
Band5-4182-4



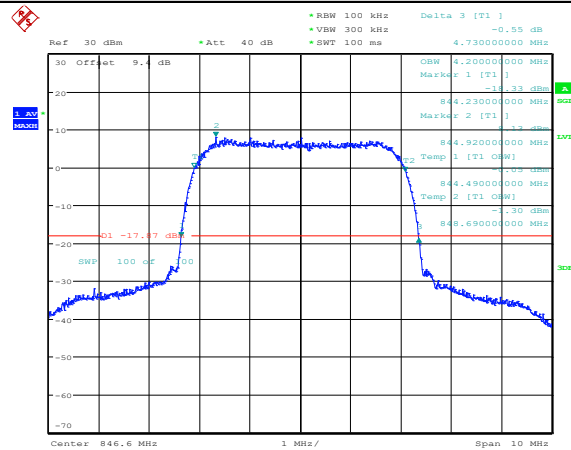
Band5-4182-5



Band5-4233-1

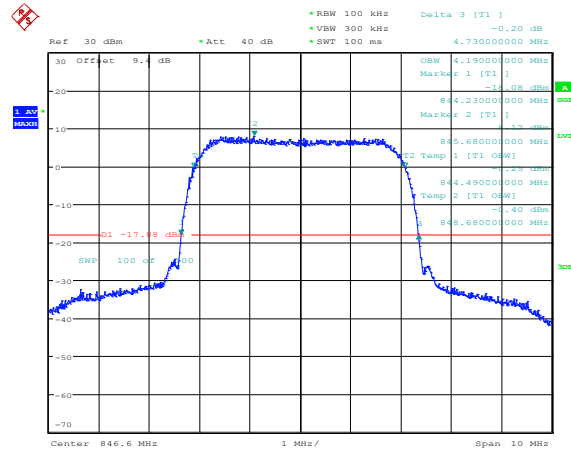


Band5-4233-2

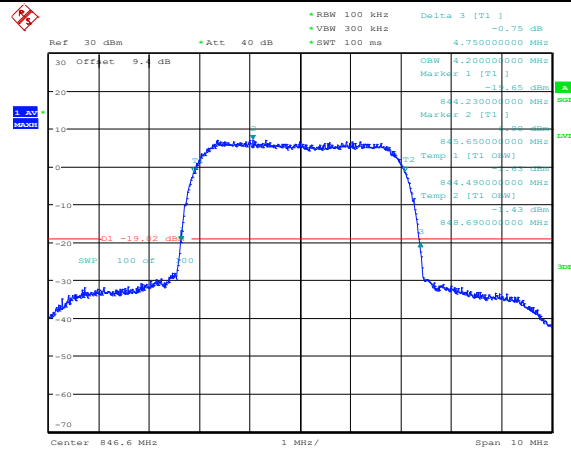


Band5-4233-3

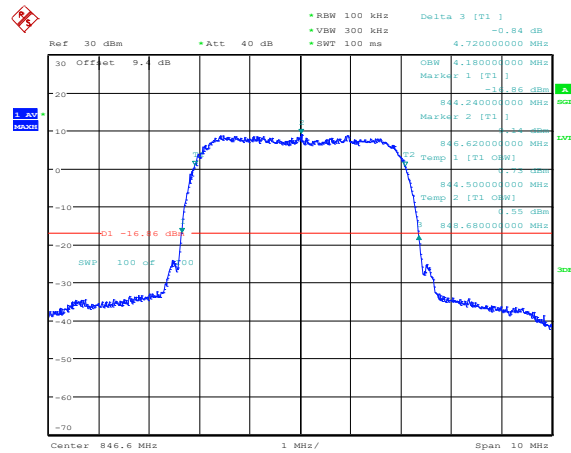




### Band5-4233-4



### Band5-4233-5



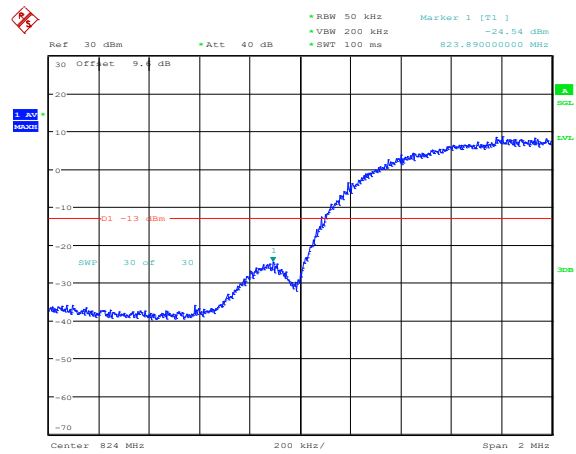
#### 4. Band Edge

| Band  | Channel | Frequency (MHz) | Result (dBm) | Limit(dBm) | Verdict |
|-------|---------|-----------------|--------------|------------|---------|
| Band5 | 4132    | 823.89          | -24.54       | -13        | PASS    |
| Band5 | 4233    | 849.10          | -25.93       | -13        | PASS    |

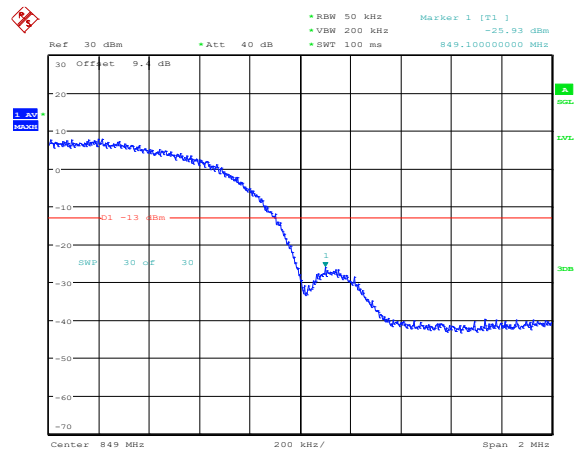
| Band  | Channel | SubTest | Frequency (MHz) | Result (dBm) | Limit(dBm) | Verdict |
|-------|---------|---------|-----------------|--------------|------------|---------|
| Band5 | 4132    | 1       | 823.89          | -26.48       | -13        | PASS    |
| Band5 | 4132    | 2       | 823.88          | -27.79       | -13        | PASS    |
| Band5 | 4132    | 3       | 824.00          | -29.08       | -13        | PASS    |
| Band5 | 4132    | 4       | 823.99          | -29.07       | -13        | PASS    |
| Band5 | 4233    | 1       | 849.13          | -26.13       | -13        | PASS    |
| Band5 | 4233    | 2       | 849.09          | -28.77       | -13        | PASS    |
| Band5 | 4233    | 3       | 849.00          | -28.46       | -13        | PASS    |
| Band5 | 4233    | 4       | 849.00          | -29.29       | -13        | PASS    |

| Band  | Channel | SubTest | Frequency (MHz) | Result (dBm) | Limit(dBm) | Verdict |
|-------|---------|---------|-----------------|--------------|------------|---------|
| Band5 | 4132    | 1       | 823.84          | -27.70       | -13        | PASS    |
| Band5 | 4132    | 2       | 823.84          | -28.35       | -13        | PASS    |
| Band5 | 4132    | 3       | 823.89          | -27.91       | -13        | PASS    |
| Band5 | 4132    | 4       | 823.90          | -30.06       | -13        | PASS    |
| Band5 | 4132    | 5       | 823.89          | -27.16       | -13        | PASS    |
| Band5 | 4233    | 1       | 849.12          | -28.16       | -13        | PASS    |
| Band5 | 4233    | 2       | 849.11          | -29.98       | -13        | PASS    |
| Band5 | 4233    | 3       | 849.12          | -28.92       | -13        | PASS    |
| Band5 | 4233    | 4       | 849.00          | -30.56       | -13        | PASS    |
| Band5 | 4233    | 5       | 849.10          | -28.36       | -13        | PASS    |

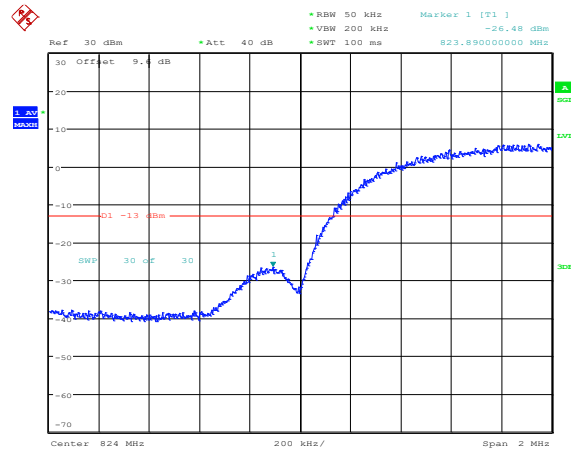
Band5-4132



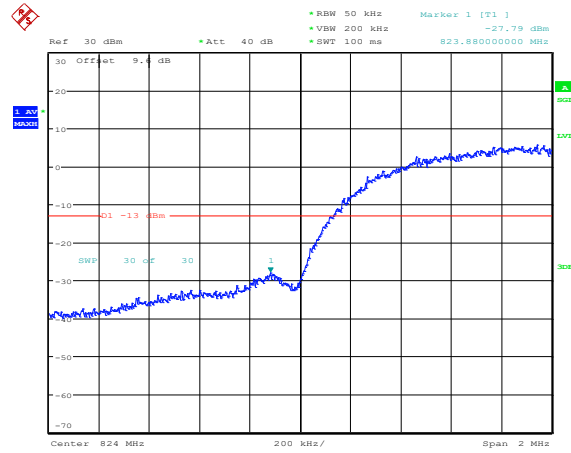
Band5-4233



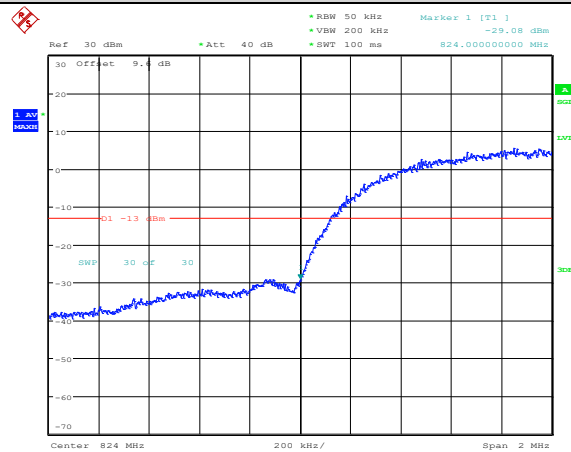
### Band5-4132-1



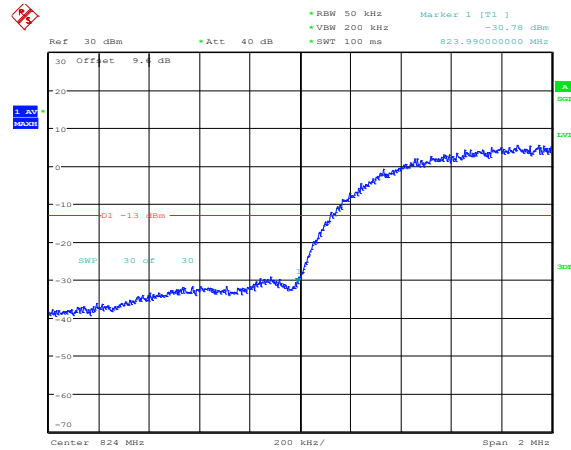
### Band5-4132-2



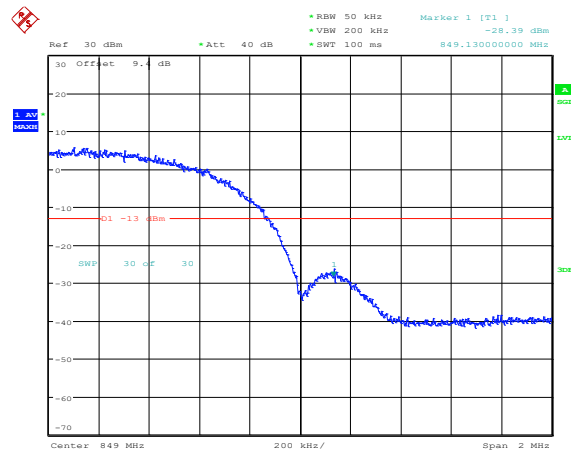
### Band5-4132-3



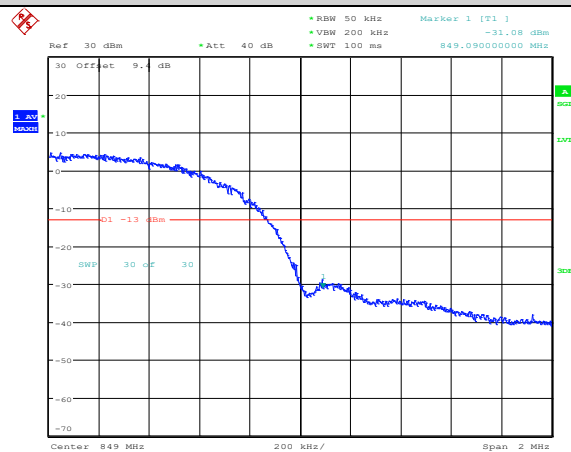
### Band5-4132-4



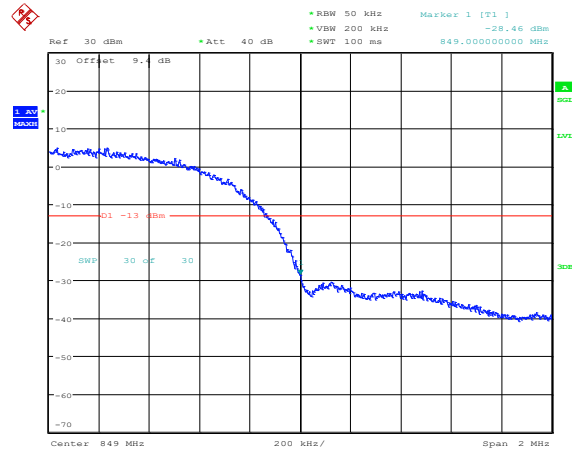
Band5-4233-1



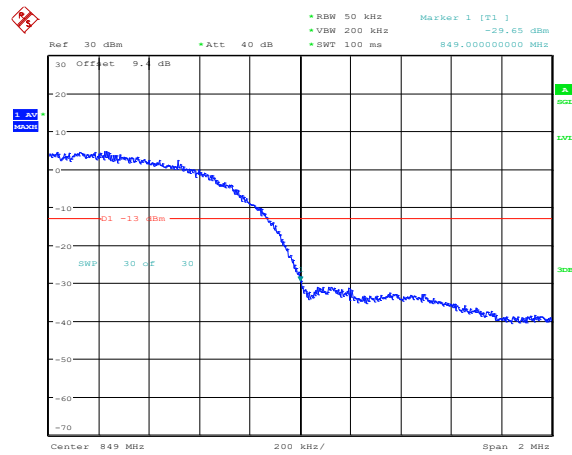
Band5-4233-2



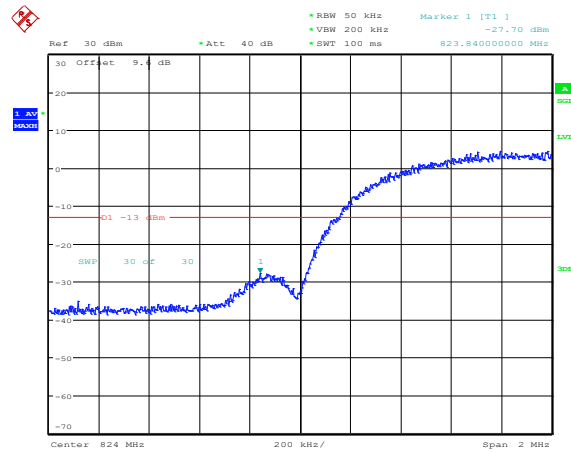
Band5-4233-3



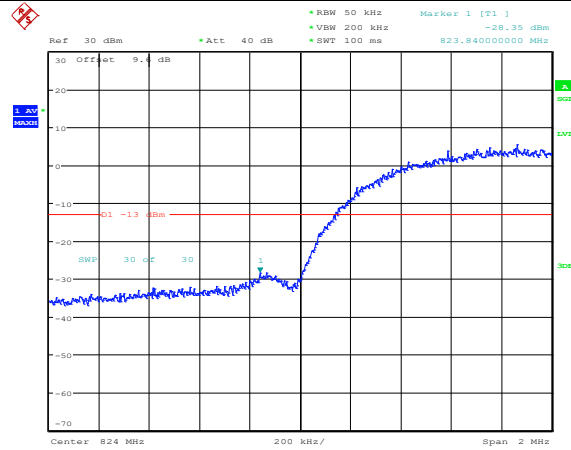
### Band5-4233-4



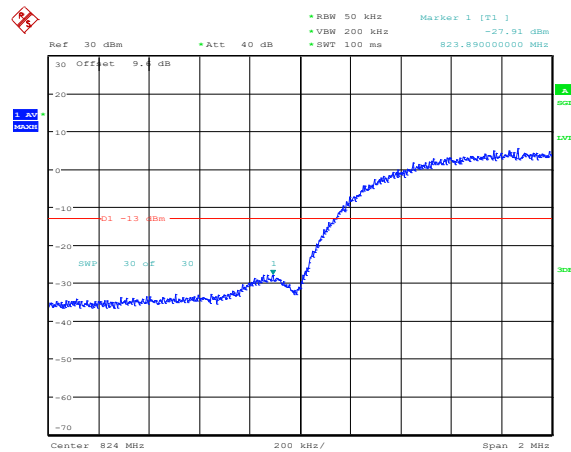
### Band5-4132-1



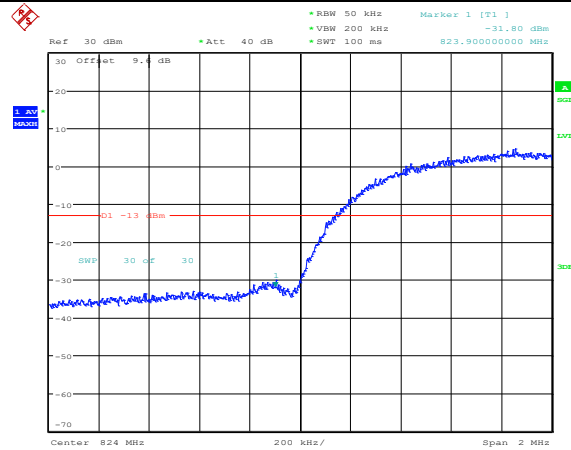
### Band5-4132-2



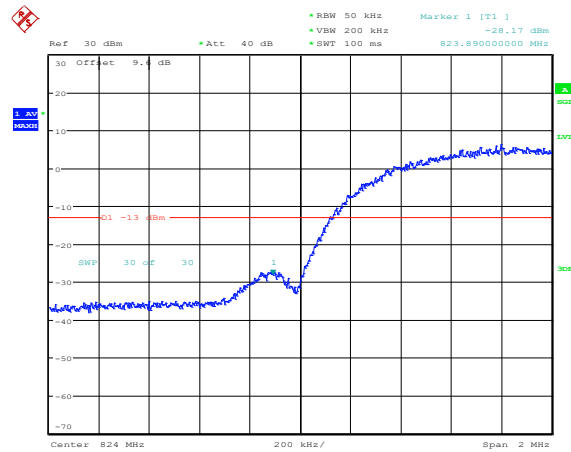
### Band5-4132-3



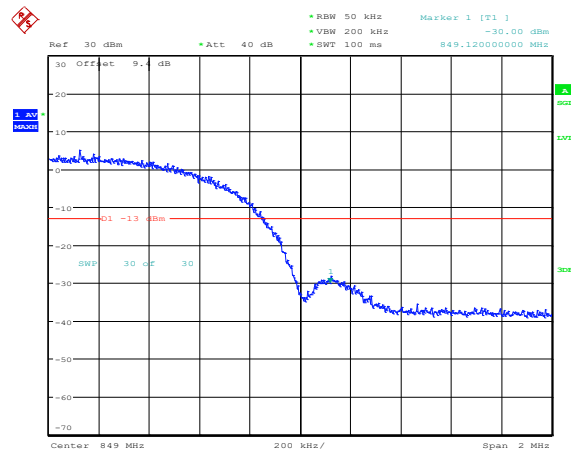
### Band5-4132-4



Band5-4132-5

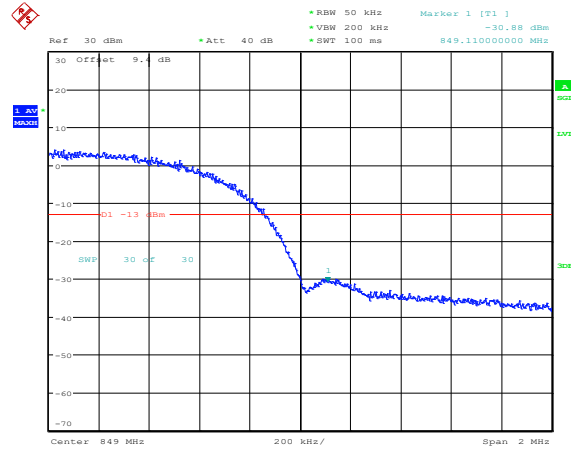


Band5-4233-1

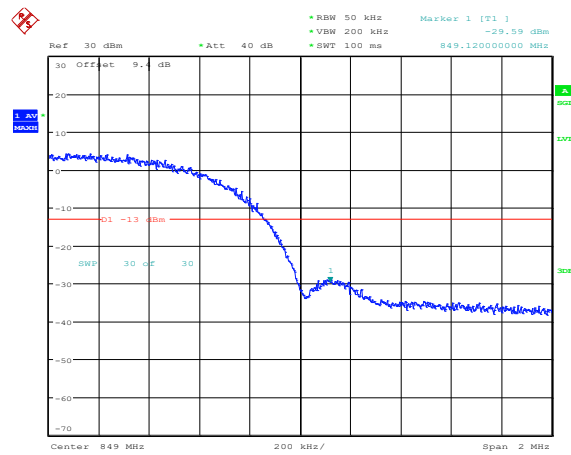


Band5-4233-2

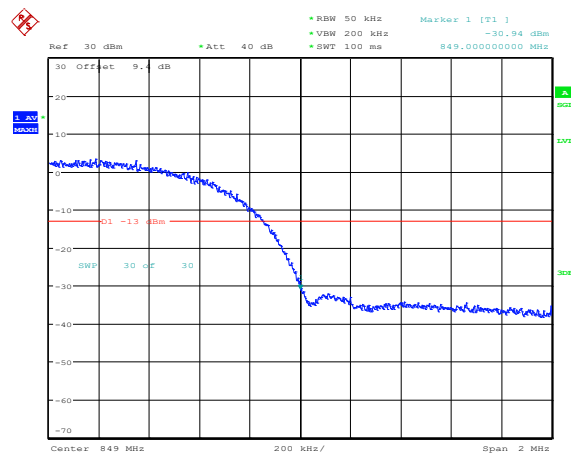




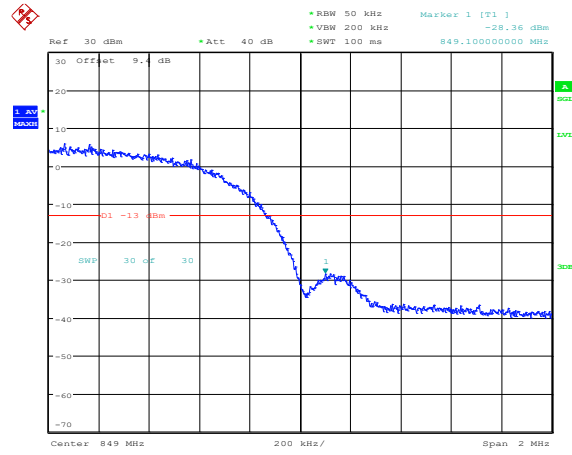
Band5-4233-3



Band5-4233-4



Band5-4233-5



## 5. Conducted SpuriousEmission

| Band  | Channel | Frequency Range (Mhz) | Frequency (dBm) | Result (dBm) | Limit (dBm) | Verdict |
|-------|---------|-----------------------|-----------------|--------------|-------------|---------|
| Band5 | 4132    | 0.009~0.15MHz         | 0.04            | -60.51       | -33         | PASS    |
| Band5 | 4132    | 0.15~30MHz            | 0.3             | -56.9        | -13         | PASS    |
| Band5 | 4132    | 30~1000MHz            | 615.4           | -51.44       | -13         | PASS    |
| Band5 | 4132    | 1000~10000MHz         | 3182.5          | -36.68       | -13         | PASS    |
| Band5 | 4182    | 0.009~0.15MHz         | 0.04            | -61.64       | -33         | PASS    |
| Band5 | 4182    | 0.15~30MHz            | 0.69            | -57.97       | -13         | PASS    |
| Band5 | 4182    | 30~1000MHz            | 322.46          | -51.54       | -13         | PASS    |
| Band5 | 4182    | 1000~10000MHz         | 3184.75         | -34.63       | -13         | PASS    |
| Band5 | 4233    | 0.009~0.15MHz         | 0.04            | -60.51       | -33         | PASS    |
| Band5 | 4233    | 0.15~30MHz            | 0.24            | -54.91       | -13         | PASS    |
| Band5 | 4233    | 30~1000MHz            | 240.01          | -51.52       | -13         | PASS    |
| Band5 | 4233    | 1000~10000MHz         | 3186.1          | -34.54       | -13         | PASS    |

| Band  | Channel | SubTest | Frequency Range (Mhz) | Frequency (dBm) | Result (dBm) | Limit (dBm) | Verdict |
|-------|---------|---------|-----------------------|-----------------|--------------|-------------|---------|
| Band5 | 4132    | 1       | 0.15~30MHz            | 0.39            | -56.61       | -13         | PASS    |
| Band5 | 4132    | 1       | 30~1000MHz            | 280.26          | -51.37       | -13         | PASS    |
| Band5 | 4132    | 1       | 1000~10000MHz         | 3195.1          | -36.77       | -13         | PASS    |
| Band5 | 4132    | 1       | 0.009~0.15MHz         | 0.04            | -61.4        | -33         | PASS    |
| Band5 | 4132    | 2       | 0.15~30MHz            | 0.24            | -57.05       | -13         | PASS    |
| Band5 | 4132    | 2       | 30~1000MHz            | 67.35           | -51.48       | -13         | PASS    |
| Band5 | 4132    | 2       | 1000~10000MHz         | 3181.6          | -32.13       | -13         | PASS    |
| Band5 | 4132    | 2       | 0.009~0.15MHz         | 0.04            | -61.74       | -33         | PASS    |
| Band5 | 4132    | 3       | 0.15~30MHz            | 0.36            | -55.64       | -13         | PASS    |
| Band5 | 4132    | 3       | 0.009~0.15MHz         | 0.04            | -60.84       | -33         | PASS    |
| Band5 | 4132    | 3       | 1000~10000MHz         | 3193.3          | -35.2        | -13         | PASS    |
| Band5 | 4132    | 3       | 30~1000MHz            | 628.49          | -50.68       | -13         | PASS    |
| Band5 | 4132    | 4       | 0.15~30MHz            | 0.36            | -56.86       | -13         | PASS    |
| Band5 | 4132    | 4       | 1000~10000MHz         | 3170.8          | -33.91       | -13         | PASS    |
| Band5 | 4132    | 4       | 0.009~0.15MHz         | 0.04            | -60.79       | -33         | PASS    |
| Band5 | 4132    | 4       | 30~1000MHz            | 427.22          | -51.7        | -13         | PASS    |
| Band5 | 4182    | 1       | 1000~10000MHz         | 3194.65         | -36.93       | -13         | PASS    |
| Band5 | 4182    | 1       | 30~1000MHz            | 215.27          | -51.4        | -13         | PASS    |
| Band5 | 4182    | 1       | 0.009~0.15MHz         | 0.04            | -60.44       | -33         | PASS    |
| Band5 | 4182    | 1       | 0.15~30MHz            | 0.6             | -57.49       | -13         | PASS    |
| Band5 | 4182    | 2       | 0.15~30MHz            | 0.36            | -56.63       | -13         | PASS    |
| Band5 | 4182    | 2       | 30~1000MHz            | 671.66          | -51.36       | -13         | PASS    |
| Band5 | 4182    | 2       | 0.009~0.15MHz         | 0.04            | -60.14       | -33         | PASS    |
| Band5 | 4182    | 2       | 1000~10000MHz         | 3193.75         | -34.98       | -13         | PASS    |

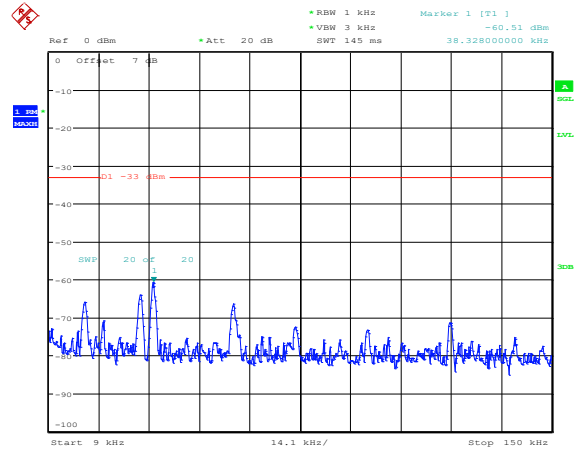
|       |      |   |               |         |        |     |      |
|-------|------|---|---------------|---------|--------|-----|------|
| Band5 | 4182 | 3 | 30~1000MHz    | 222.55  | -51.66 | -13 | PASS |
| Band5 | 4182 | 3 | 0.15~30MHz    | 0.27    | -55.59 | -13 | PASS |
| Band5 | 4182 | 3 | 1000~10000MHz | 3178.45 | -37.08 | -13 | PASS |
| Band5 | 4182 | 3 | 0.009~0.15MHz | 0.04    | -61.24 | -33 | PASS |
| Band5 | 4182 | 4 | 0.009~0.15MHz | 0.04    | -63.4  | -33 | PASS |
| Band5 | 4182 | 4 | 0.15~30MHz    | 0.54    | -56.36 | -13 | PASS |
| Band5 | 4182 | 4 | 30~1000MHz    | 145.43  | -51.62 | -13 | PASS |
| Band5 | 4182 | 4 | 1000~10000MHz | 3186.55 | -35.54 | -13 | PASS |
| Band5 | 4233 | 1 | 0.15~30MHz    | 0.3     | -56.59 | -13 | PASS |
| Band5 | 4233 | 1 | 30~1000MHz    | 31.94   | -51.6  | -13 | PASS |
| Band5 | 4233 | 1 | 1000~10000MHz | 3191.95 | -33.81 | -13 | PASS |
| Band5 | 4233 | 1 | 0.009~0.15MHz | 0.04    | -61.03 | -33 | PASS |
| Band5 | 4233 | 2 | 0.009~0.15MHz | 0.04    | -60.99 | -33 | PASS |
| Band5 | 4233 | 2 | 0.15~30MHz    | 0.3     | -57.03 | -13 | PASS |
| Band5 | 4233 | 2 | 1000~10000MHz | 3191.05 | -35.17 | -13 | PASS |
| Band5 | 4233 | 2 | 30~1000MHz    | 311.3   | -50.83 | -13 | PASS |
| Band5 | 4233 | 3 | 0.009~0.15MHz | 0.04    | -61.05 | -33 | PASS |
| Band5 | 4233 | 3 | 0.15~30MHz    | 0.33    | -54.32 | -13 | PASS |
| Band5 | 4233 | 3 | 30~1000MHz    | 128.46  | -51.68 | -13 | PASS |
| Band5 | 4233 | 3 | 1000~10000MHz | 3191.95 | -33.3  | -13 | PASS |
| Band5 | 4233 | 4 | 1000~10000MHz | 3178    | -36.33 | -13 | PASS |
| Band5 | 4233 | 4 | 0.009~0.15MHz | 0.04    | -60.67 | -33 | PASS |
| Band5 | 4233 | 4 | 0.15~30MHz    | 0.42    | -56.49 | -13 | PASS |
| Band5 | 4233 | 4 | 30~1000MHz    | 428.67  | -51.13 | -13 | PASS |

| Band  | Channel | SubTest | Frequency Range (Mhz) | Frequency (dBm) | Result (dBm) | Limit (dBm) | Verdict |
|-------|---------|---------|-----------------------|-----------------|--------------|-------------|---------|
| Band5 | 4132    | 1       | 0.15~30MHz            | 0.57            | -56.58       | -13         | PASS    |
| Band5 | 4132    | 1       | 30~1000MHz            | 631.4           | -51.22       | -13         | PASS    |
| Band5 | 4132    | 1       | 1000~10000MHz         | 2459.8          | -36.25       | -13         | PASS    |
| Band5 | 4132    | 1       | 0.009~0.15MHz         | 0.04            | -61.24       | -33         | PASS    |
| Band5 | 4132    | 2       | 30~1000MHz            | 937.92          | -51.53       | -13         | PASS    |
| Band5 | 4132    | 2       | 1000~10000MHz         | 3181.6          | -38.17       | -13         | PASS    |
| Band5 | 4132    | 2       | 0.15~30MHz            | 0.6             | -56.56       | -13         | PASS    |
| Band5 | 4132    | 2       | 0.009~0.15MHz         | 0.04            | -59.97       | -33         | PASS    |
| Band5 | 4132    | 3       | 1000~10000MHz         | 3192.4          | -37.9        | -13         | PASS    |
| Band5 | 4132    | 3       | 0.009~0.15MHz         | 0.04            | -60.05       | -33         | PASS    |
| Band5 | 4132    | 3       | 0.15~30MHz            | 0.27            | -56.02       | -13         | PASS    |
| Band5 | 4132    | 3       | 30~1000MHz            | 962.66          | -51.15       | -13         | PASS    |
| Band5 | 4132    | 4       | 1000~10000MHz         | 3168.55         | -36.28       | -13         | PASS    |
| Band5 | 4132    | 4       | 0.009~0.15MHz         | 0.04            | -61.15       | -33         | PASS    |
| Band5 | 4132    | 4       | 30~1000MHz            | 208.48          | -51.41       | -13         | PASS    |
| Band5 | 4132    | 4       | 0.15~30MHz            | 0.27            | -54.94       | -13         | PASS    |

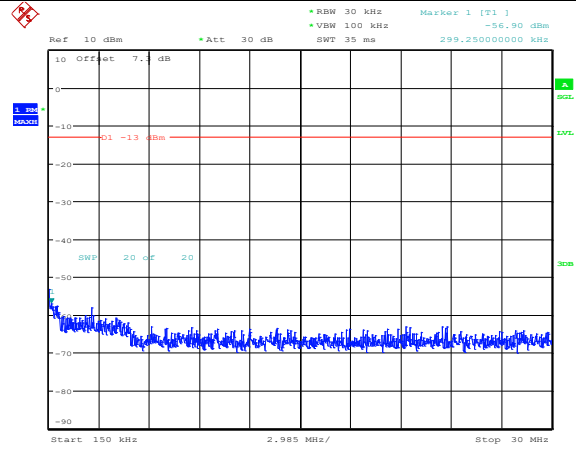
|       |      |   |               |         |        |     |      |
|-------|------|---|---------------|---------|--------|-----|------|
| Band5 | 4132 | 5 | 0.009~0.15MHz | 0.04    | -62    | -33 | PASS |
| Band5 | 4132 | 5 | 1000~10000MHz | 3187    | -34.33 | -13 | PASS |
| Band5 | 4132 | 5 | 0.15~30MHz    | 0.48    | -56.74 | -13 | PASS |
| Band5 | 4132 | 5 | 30~1000MHz    | 290.93  | -51.9  | -13 | PASS |
| Band5 | 4182 | 1 | 1000~10000MHz | 3195.55 | -36.52 | -13 | PASS |
| Band5 | 4182 | 1 | 30~1000MHz    | 692.51  | -51.16 | -13 | PASS |
| Band5 | 4182 | 1 | 0.009~0.15MHz | 0.04    | -61.64 | -33 | PASS |
| Band5 | 4182 | 1 | 0.15~30MHz    | 0.36    | -55.45 | -13 | PASS |
| Band5 | 4182 | 2 | 0.009~0.15MHz | 0.04    | -61.33 | -33 | PASS |
| Band5 | 4182 | 2 | 30~1000MHz    | 67.35   | -51.57 | -13 | PASS |
| Band5 | 4182 | 2 | 0.15~30MHz    | 0.39    | -58.01 | -13 | PASS |
| Band5 | 4182 | 2 | 1000~10000MHz | 3171.7  | -35.66 | -13 | PASS |
| Band5 | 4182 | 3 | 0.15~30MHz    | 0.36    | -57.63 | -13 | PASS |
| Band5 | 4182 | 3 | 30~1000MHz    | 539.74  | -51.34 | -13 | PASS |
| Band5 | 4182 | 3 | 1000~10000MHz | 3178    | -35.7  | -13 | PASS |
| Band5 | 4182 | 3 | 0.009~0.15MHz | 0.04    | -61.61 | -33 | PASS |
| Band5 | 4182 | 4 | 0.009~0.15MHz | 0.04    | -60.66 | -33 | PASS |
| Band5 | 4182 | 4 | 1000~10000MHz | 3177.55 | -35.16 | -13 | PASS |
| Band5 | 4182 | 4 | 0.15~30MHz    | 0.57    | -57.08 | -13 | PASS |
| Band5 | 4182 | 4 | 30~1000MHz    | 407.82  | -51.28 | -13 | PASS |
| Band5 | 4182 | 5 | 1000~10000MHz | 3179.8  | -34.68 | -13 | PASS |
| Band5 | 4182 | 5 | 0.15~30MHz    | 0.6     | -55.5  | -13 | PASS |
| Band5 | 4182 | 5 | 30~1000MHz    | 154.16  | -51.65 | -13 | PASS |
| Band5 | 4182 | 5 | 0.009~0.15MHz | 0.04    | -61.05 | -33 | PASS |
| Band5 | 4233 | 1 | 1000~10000MHz | 3185.65 | -36.45 | -13 | PASS |
| Band5 | 4233 | 1 | 30~1000MHz    | 240.49  | -50.83 | -13 | PASS |
| Band5 | 4233 | 1 | 0.15~30MHz    | 0.42    | -56.51 | -13 | PASS |
| Band5 | 4233 | 1 | 0.009~0.15MHz | 0.04    | -60.42 | -33 | PASS |
| Band5 | 4233 | 2 | 0.009~0.15MHz | 0.04    | -60.92 | -33 | PASS |
| Band5 | 4233 | 2 | 0.15~30MHz    | 0.54    | -57.06 | -13 | PASS |
| Band5 | 4233 | 2 | 30~1000MHz    | 465.53  | -51.82 | -13 | PASS |
| Band5 | 4233 | 2 | 1000~10000MHz | 3193.3  | -35.55 | -13 | PASS |
| Band5 | 4233 | 3 | 30~1000MHz    | 526.64  | -51.38 | -13 | PASS |
| Band5 | 4233 | 3 | 1000~10000MHz | 3189.7  | -34.56 | -13 | PASS |
| Band5 | 4233 | 3 | 0.009~0.15MHz | 0.04    | -60.43 | -33 | PASS |
| Band5 | 4233 | 3 | 0.15~30MHz    | 0.27    | -57.49 | -13 | PASS |
| Band5 | 4233 | 4 | 0.009~0.15MHz | 0.04    | -61.4  | -33 | PASS |
| Band5 | 4233 | 4 | 1000~10000MHz | 3188.35 | -36.86 | -13 | PASS |
| Band5 | 4233 | 4 | 0.15~30MHz    | 0.27    | -57.08 | -13 | PASS |
| Band5 | 4233 | 4 | 30~1000MHz    | 197.33  | -51.07 | -13 | PASS |
| Band5 | 4233 | 5 | 1000~10000MHz | 3189.7  | -32.95 | -13 | PASS |
| Band5 | 4233 | 5 | 0.009~0.15MHz | 0.04    | -60.5  | -33 | PASS |
| Band5 | 4233 | 5 | 0.15~30MHz    | 0.36    | -57.16 | -13 | PASS |

|       |      |   |            |        |        |     |      |
|-------|------|---|------------|--------|--------|-----|------|
| Band5 | 4233 | 5 | 30~1000MHz | 978.66 | -51.13 | -13 | PASS |
|-------|------|---|------------|--------|--------|-----|------|

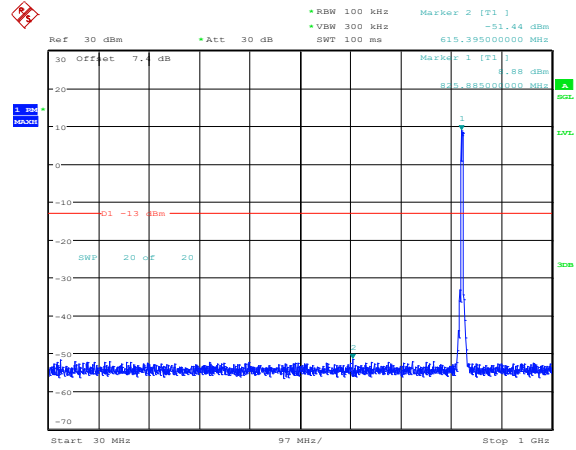
Band5-4132-0.009~0.15MHz



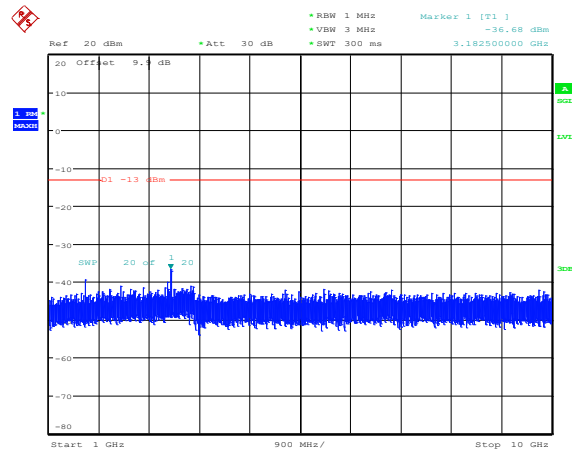
Band5-4132-0.15~30MHz



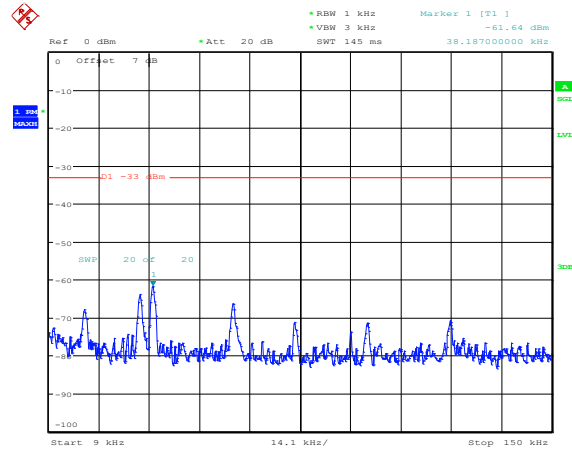
Band5-4132-30~1000MHz



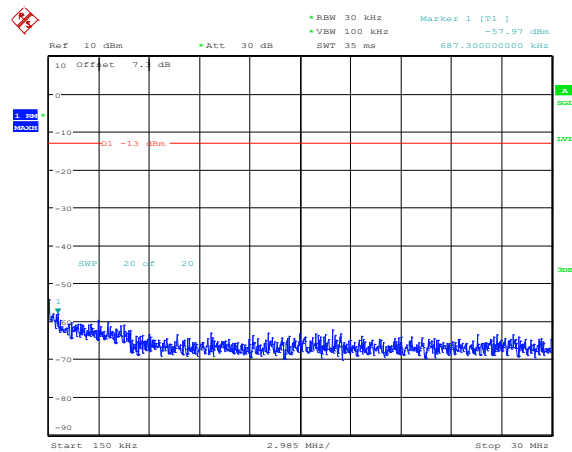
### Band5-4132-1000~10000MHz



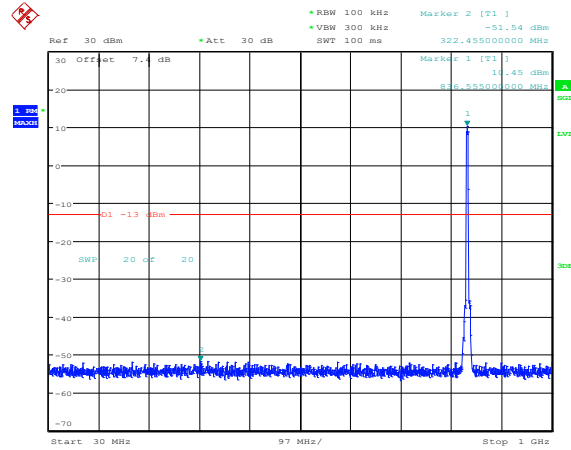
### Band5-4182-0.009~0.15MHz



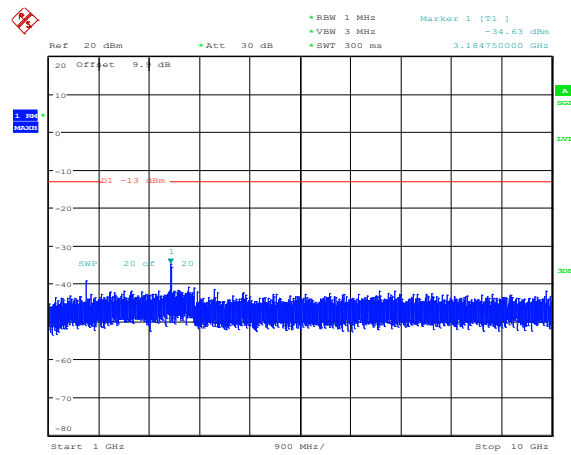
### Band5-4182-0.15~30MHz



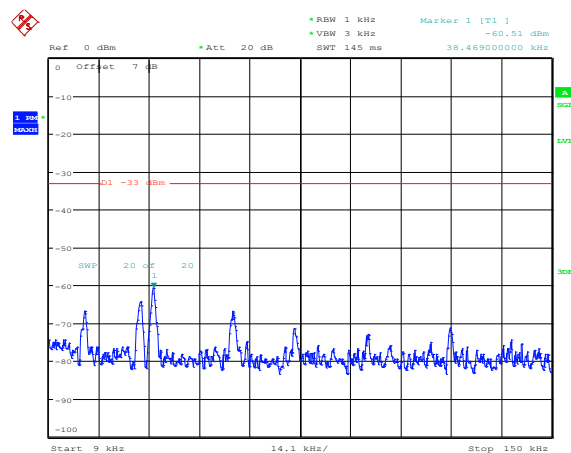
### Band5-4182-30~1000MHz



Band5-4182-1000~10000MHz

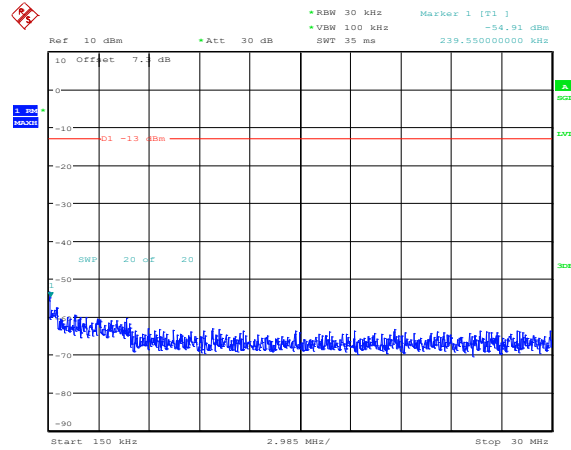


Band5-4233-0.009~0.15MHz

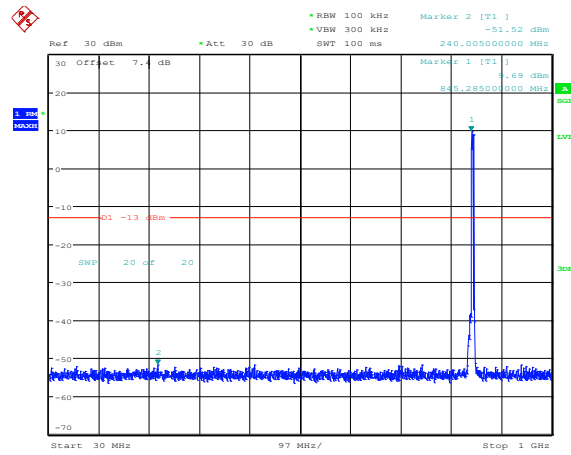


Band5-4233-0.15~30MHz

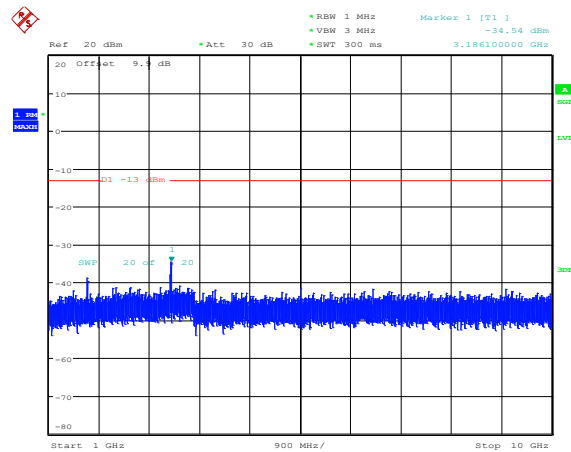




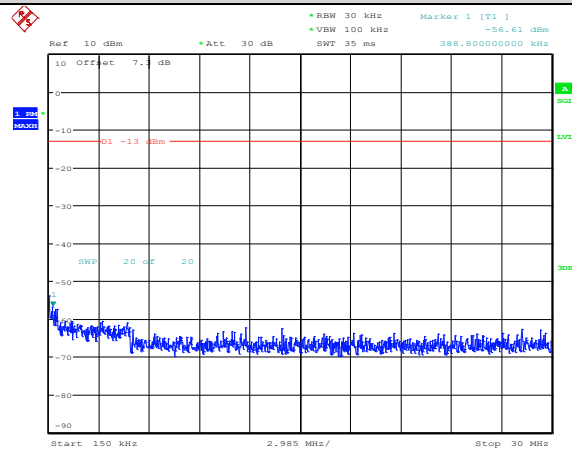
### Band5-4233-30~1000MHz



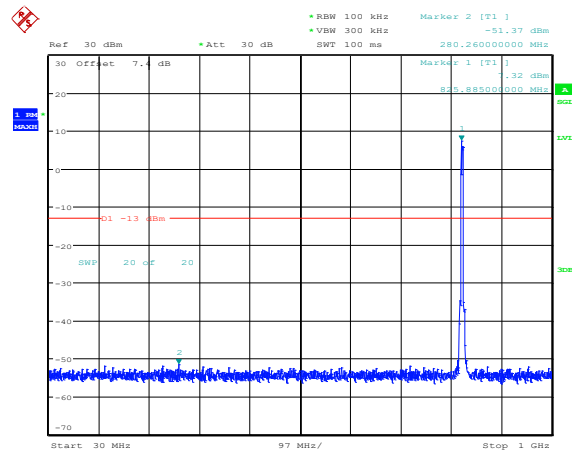
### Band5-4233-1000~10000MHz



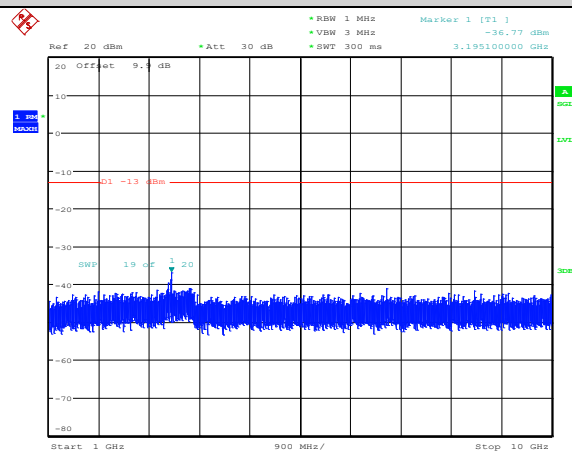
### Band5-4132-1-0.15~30MHz



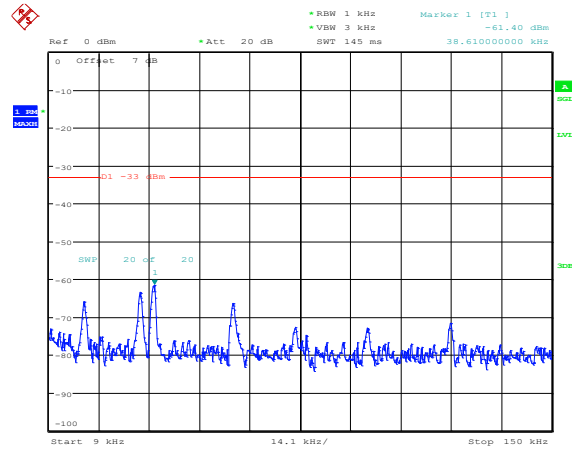
### Band5-4132-1-30~1000MHz



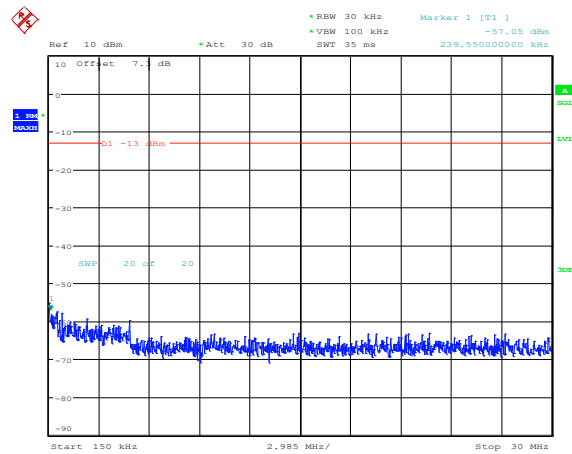
### Band5-4132-1-1000~10000MHz



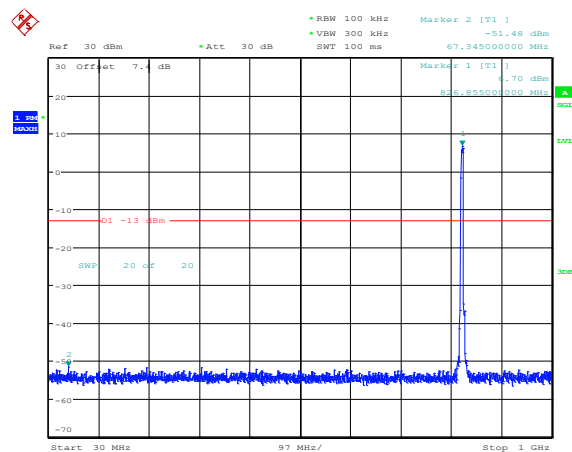
### Band5-4132-1-0.009~0.15MHz



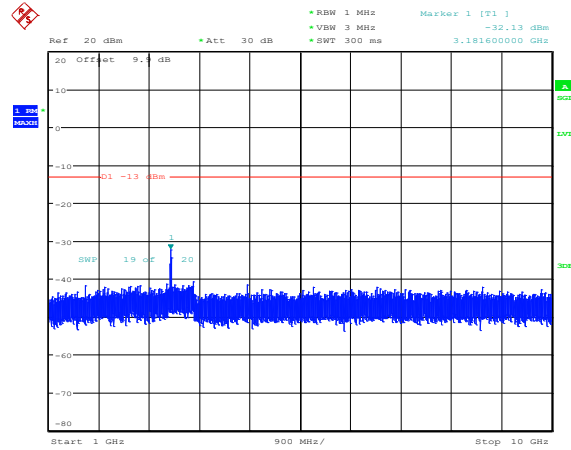
Band5-4132-2-0.15~30MHz



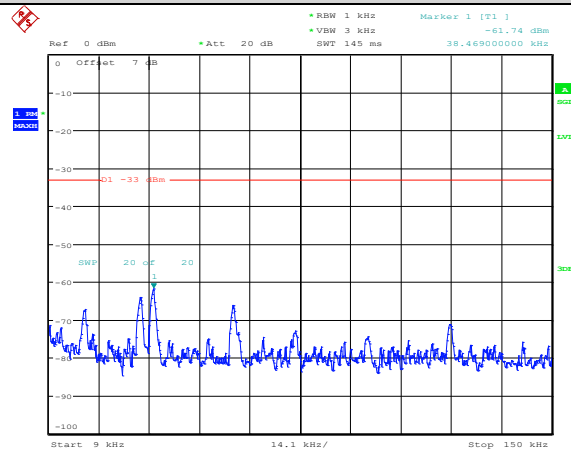
Band5-4132-2-30~1000MHz



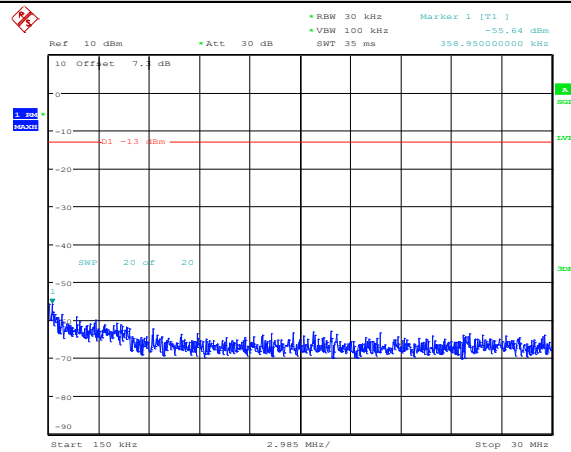
Band5-4132-2-1000~10000MHz



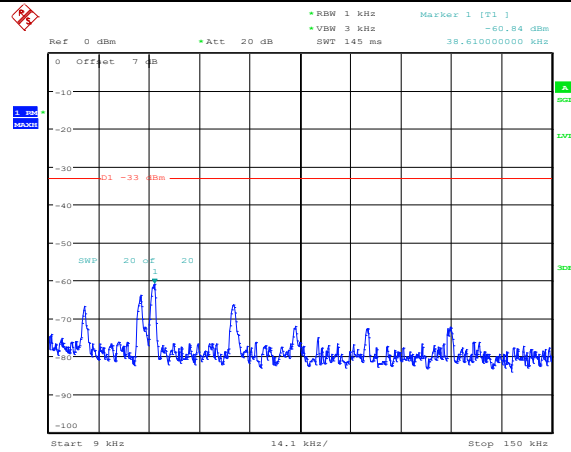
Band5-4132-2-0.009~0.15MHz



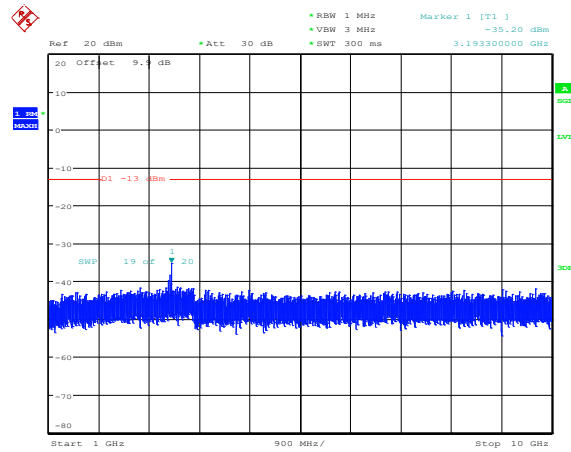
Band5-4132-3-0.15~30MHz



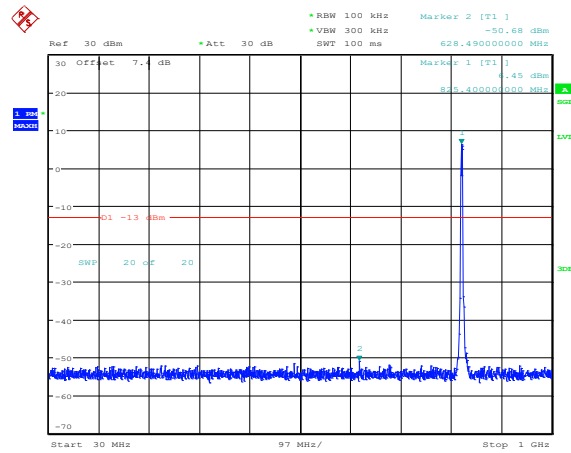
Band5-4132-3-0.009~0.15MHz



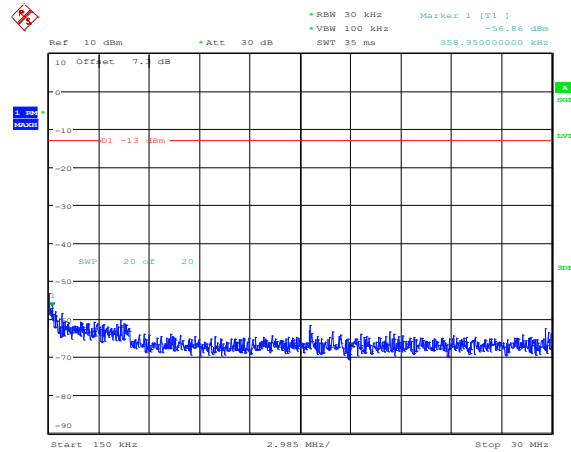
Band5-4132-3-1000~10000MHz



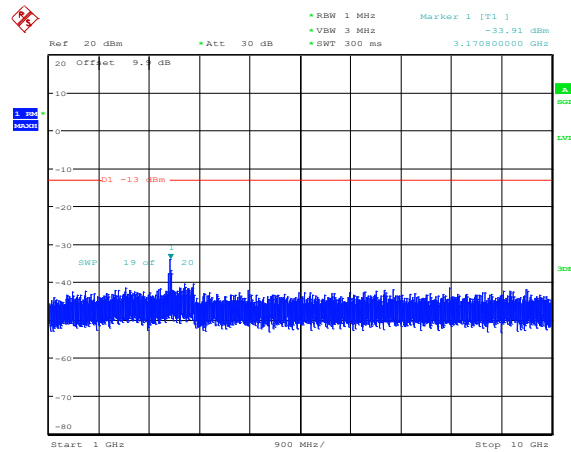
Band5-4132-3-30~1000MHz



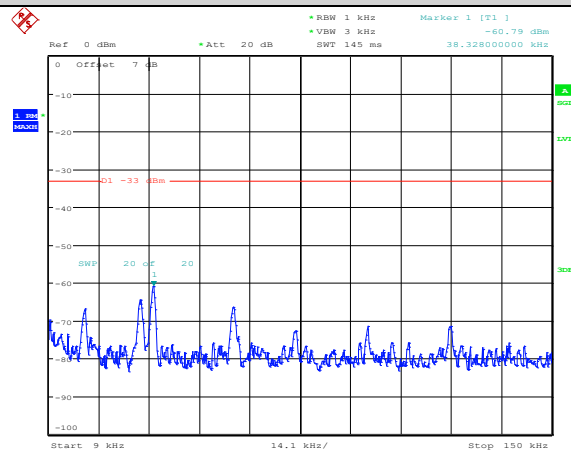
Band5-4132-4-0.15~30MHz



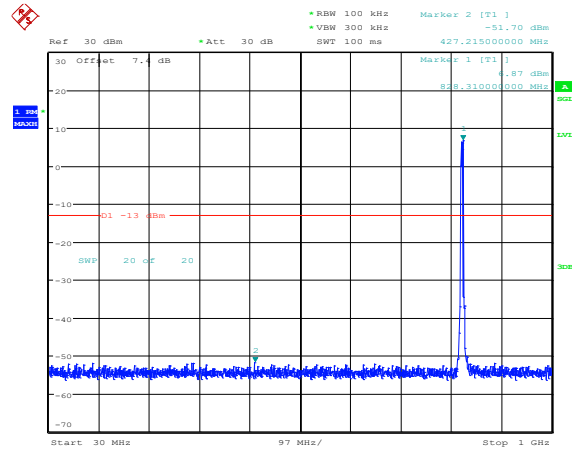
Band5-4132-4-1000~10000MHz



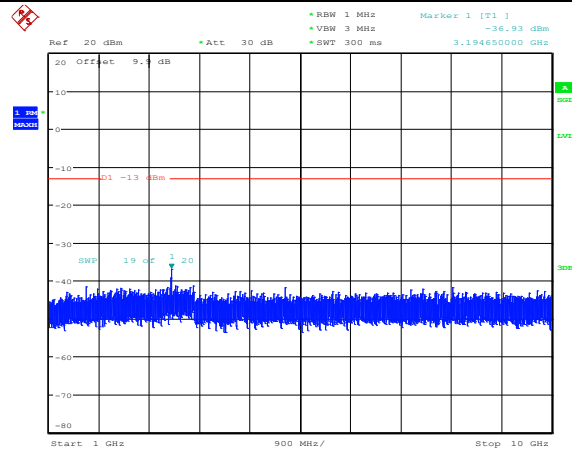
Band5-4132-4-0.009~0.15MHz



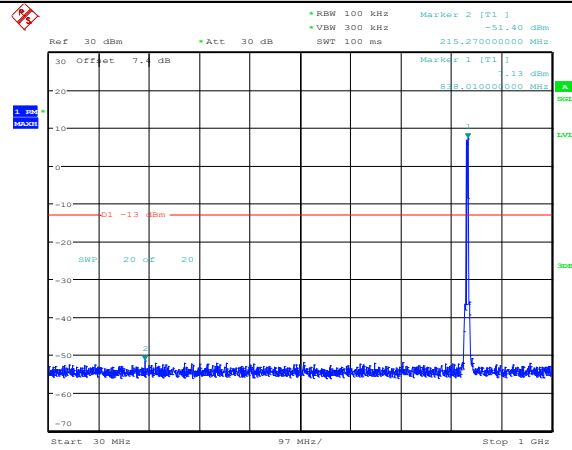
Band5-4132-4-30~1000MHz



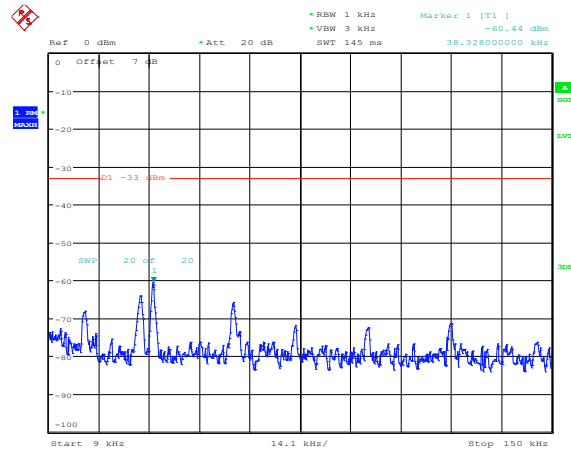
### Band5-4182-1-1000~10000MHz



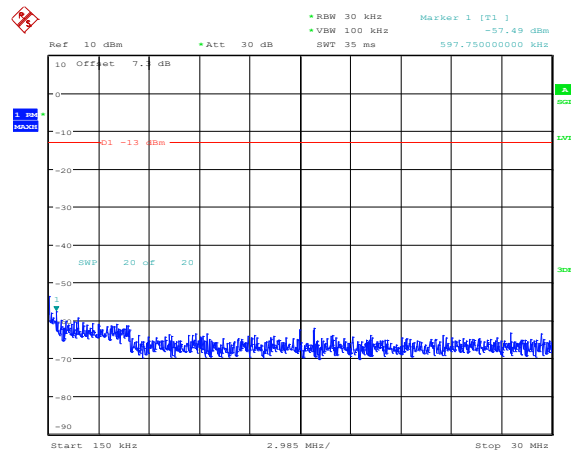
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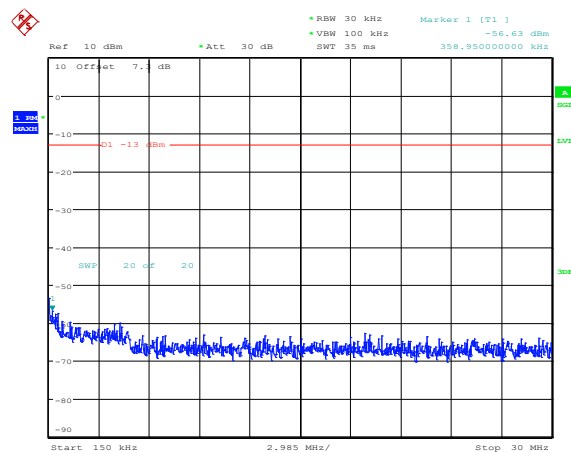
### Band5-4182-1-0.009~0.15MHz



Band5-4182-1-0.15~30MHz

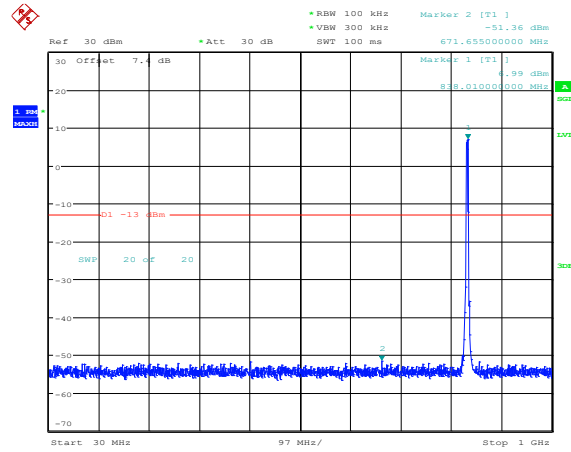


Band5-4182-2-0.15~30MHz

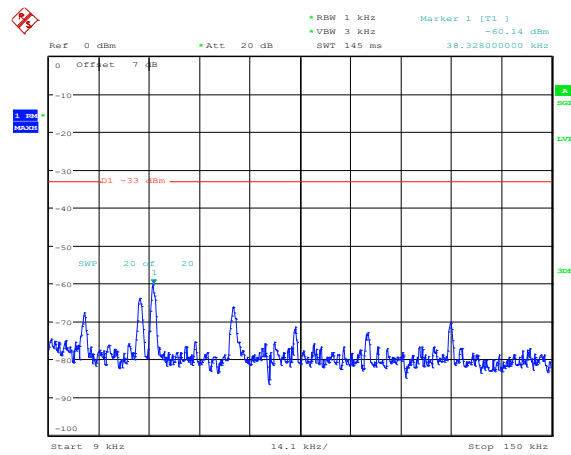


Band5-4182-2-30~1000MHz

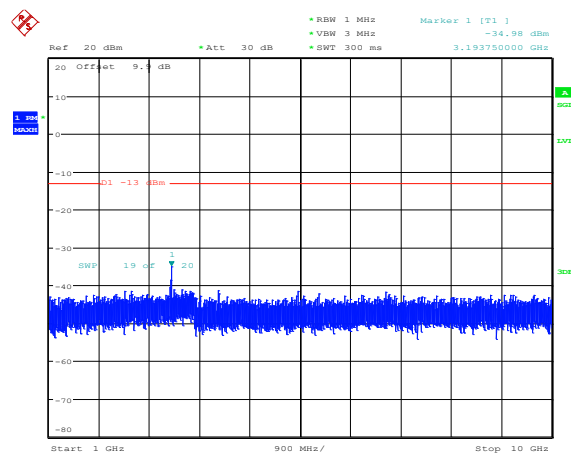




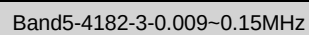
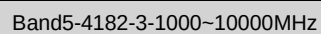
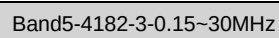
Band5-4182-2-0.009~0.15MHz

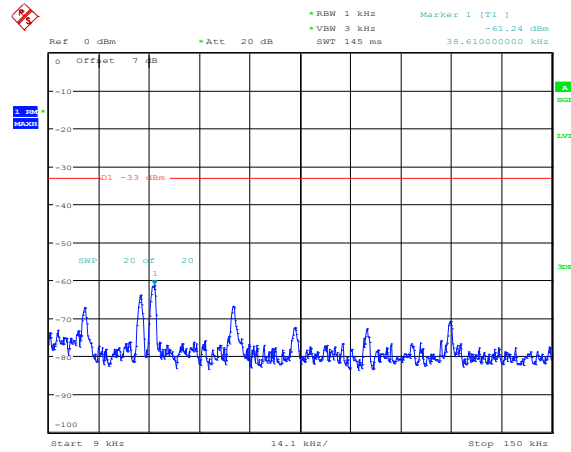


Band5-4182-2-1000~10000MHz

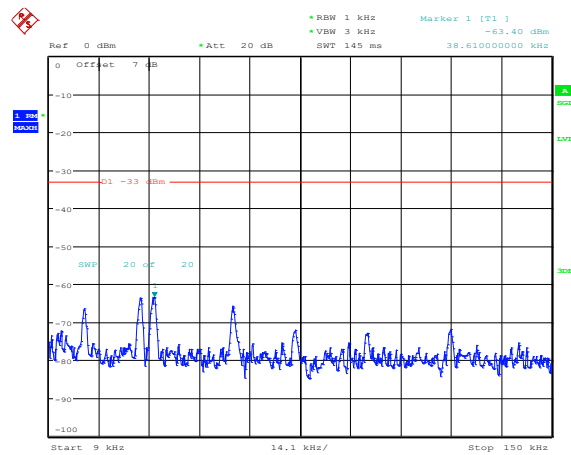


Band5-4182-3-30~1000MHz

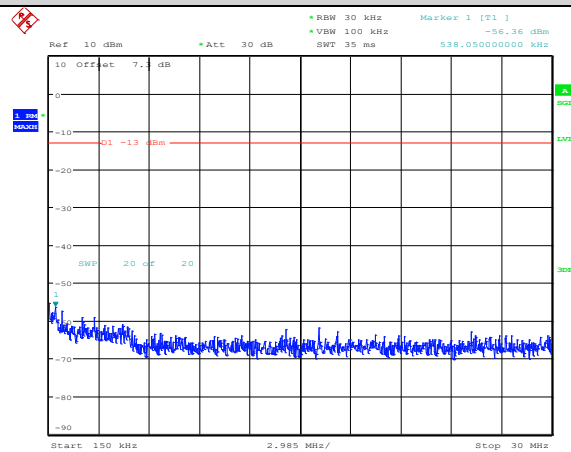




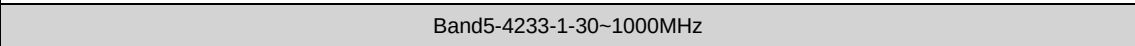
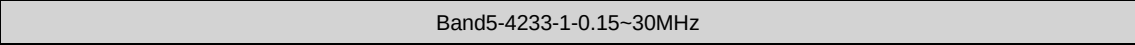
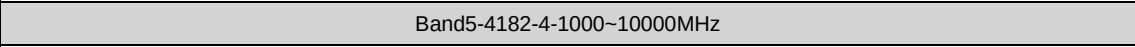
Band5-4182-4-0.009~0.15MHz

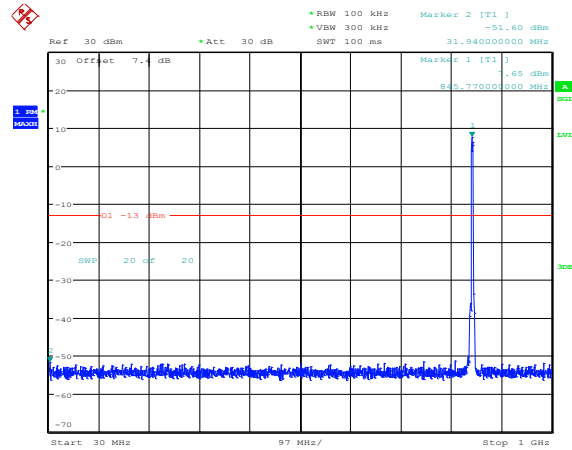


Band5-4182-4-0.15~30MHz

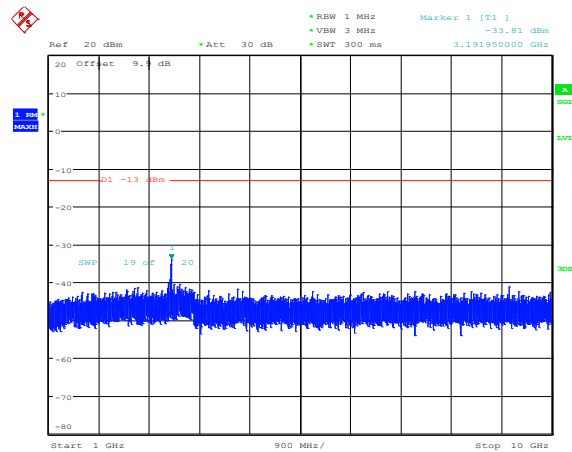


Band5-4182-4-30~1000MHz

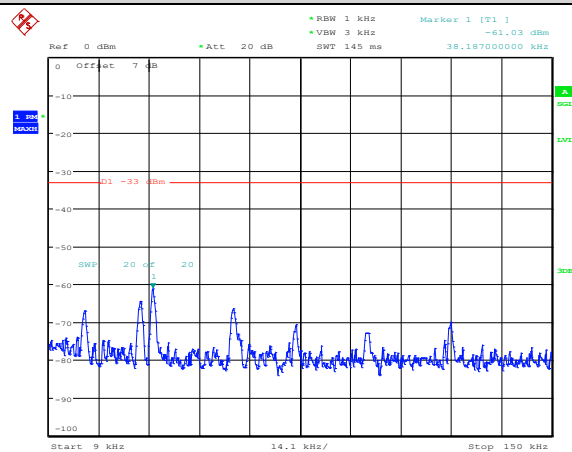




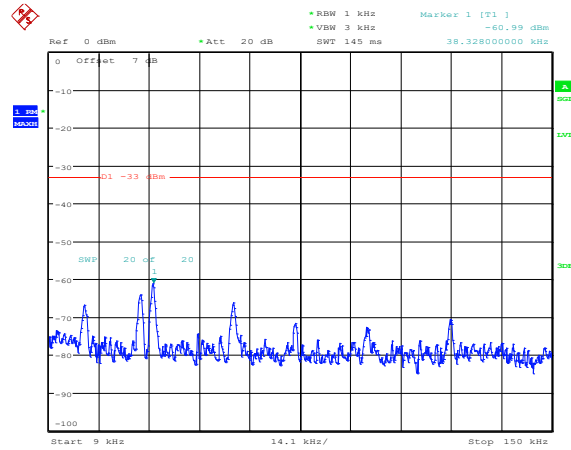
Band5-4233-1-1000~10000MHz



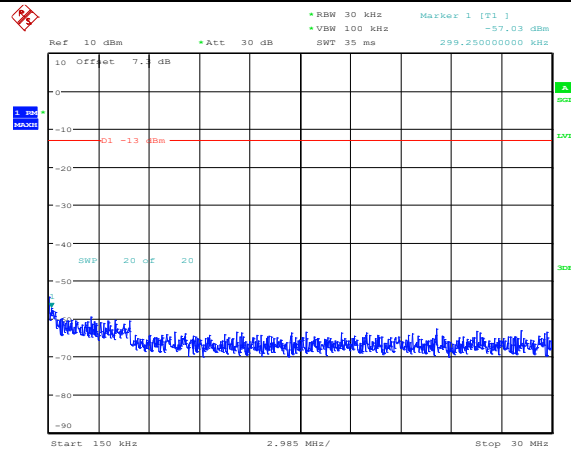
Band5-4233-1-0.009~0.15MHz



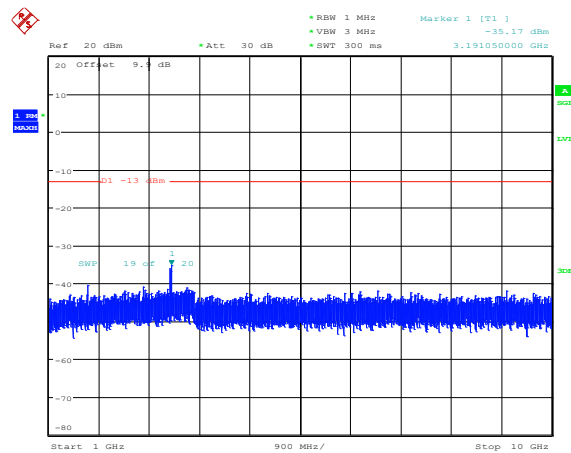
Band5-4233-2-0.009~0.15MHz



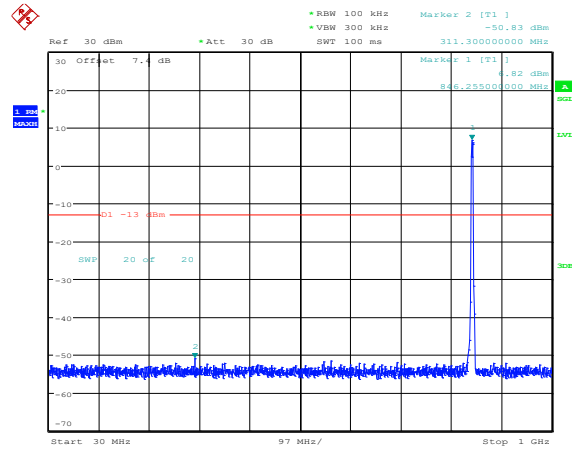
### Band5-4233-2-0.15~30MHz



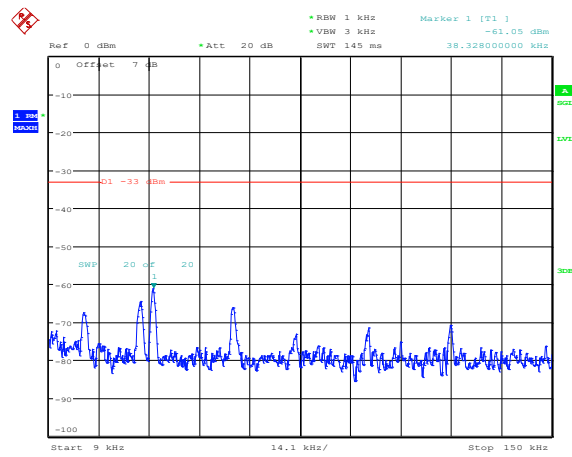
### Band5-4233-2-1000~10000MHz



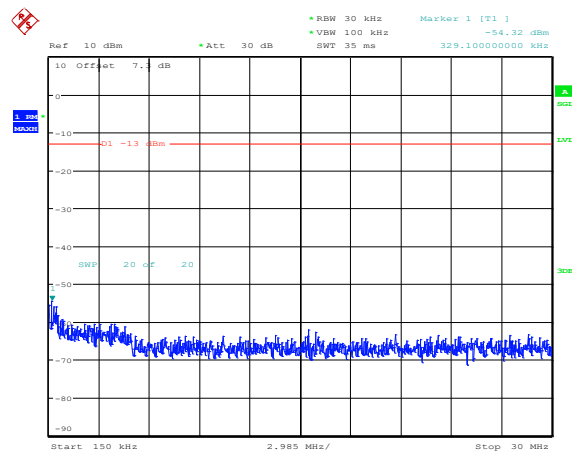
### Band5-4233-2-30~10000MHz



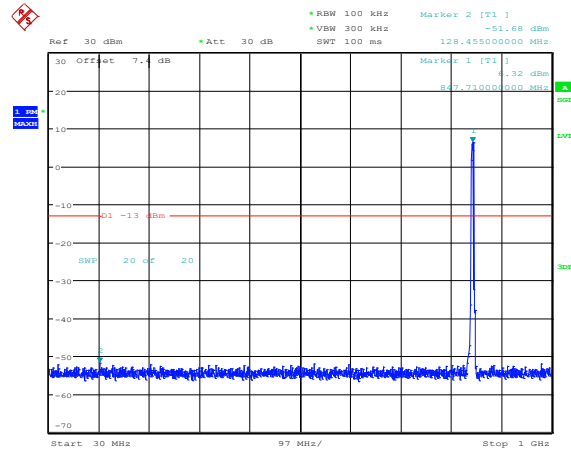
Band5-4233-3-0.009~0.15MHz



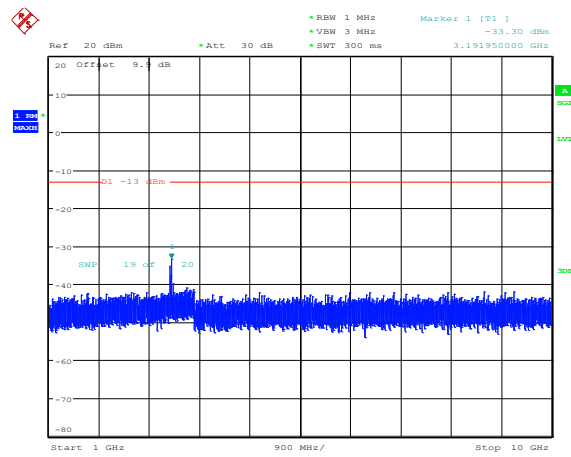
Band5-4233-3-0.15~30MHz



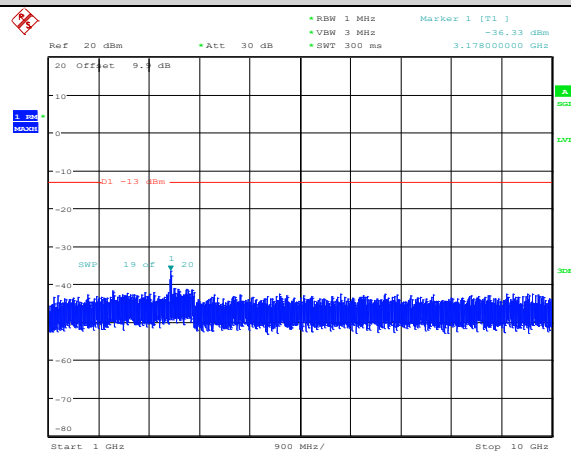
Band5-4233-3-30~1000MHz



Band5-4233-3-1000~10000MHz

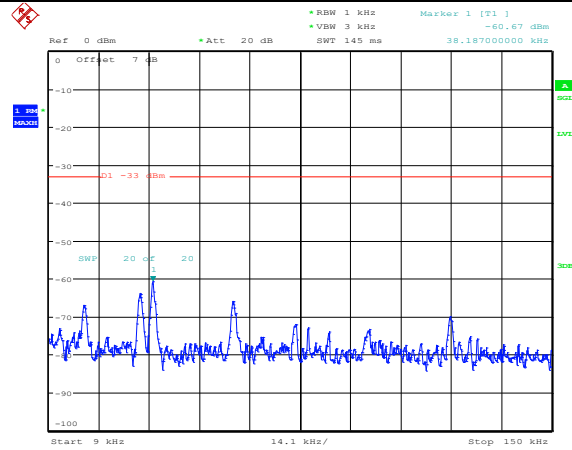


Band5-4233-4-1000~10000MHz

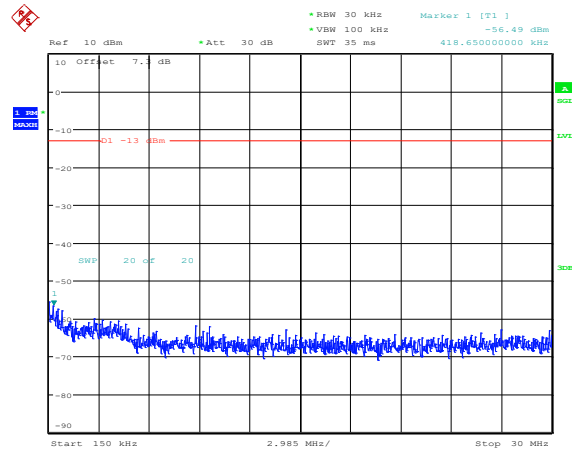


Band5-4233-4-0.009~0.15MHz

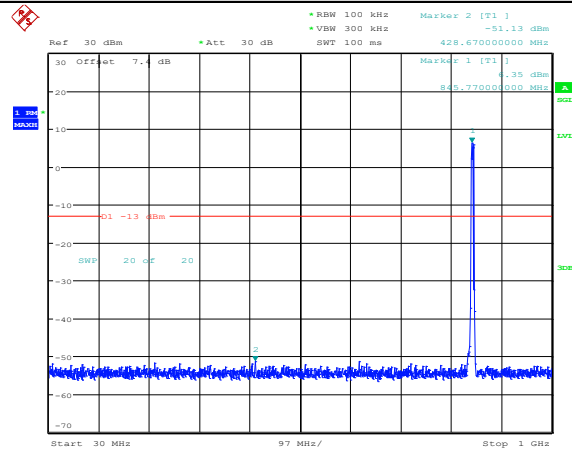




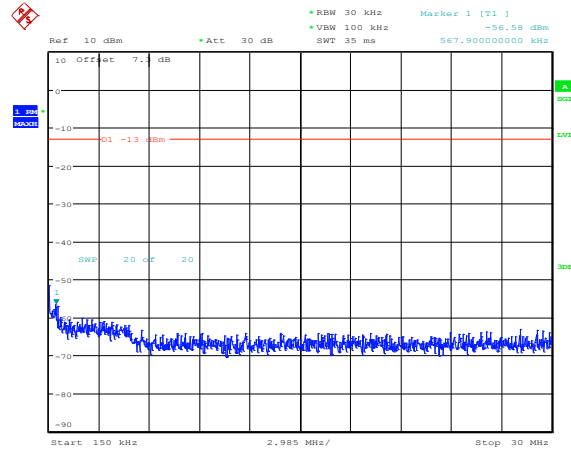
### Band5-4233-4-0.15~30MHz



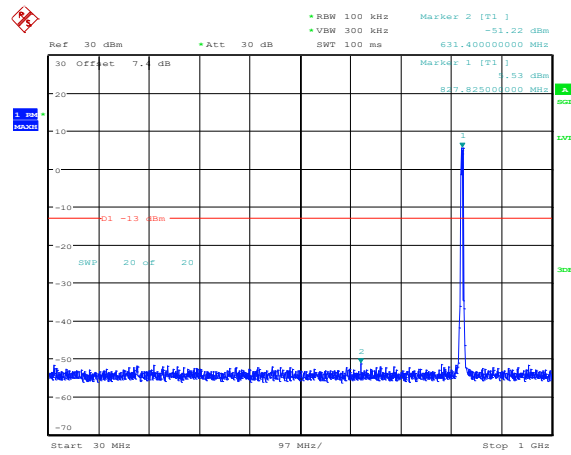
### Band5-4233-4-30~1000MHz



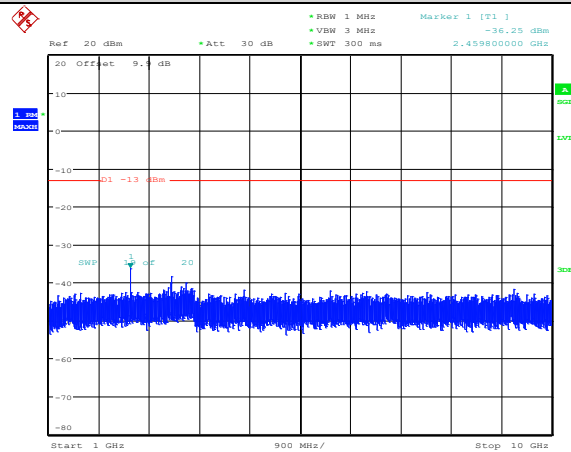
### Band5-4132-1-0.15~30MHz



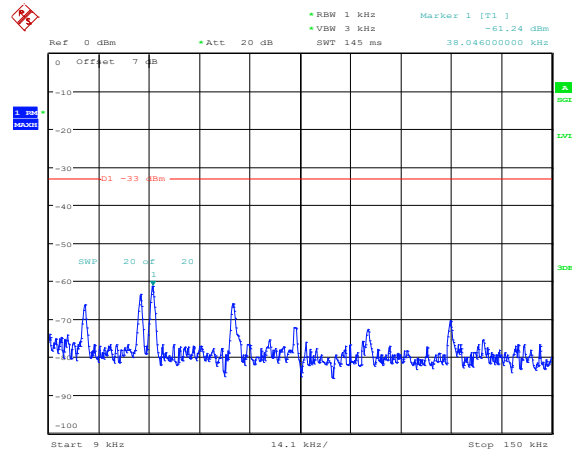
### Band5-4132-1-30~1000MHz



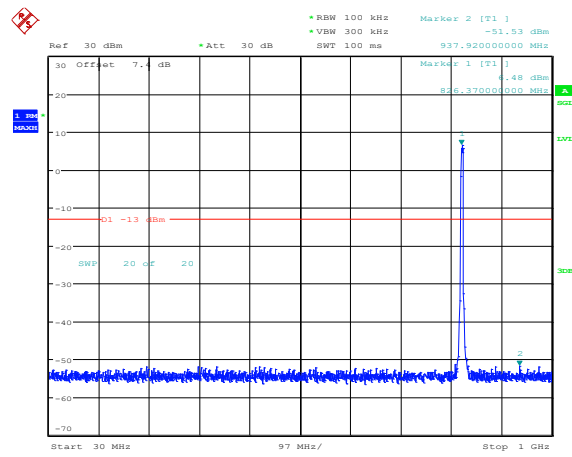
### Band5-4132-1-1000~10000MHz



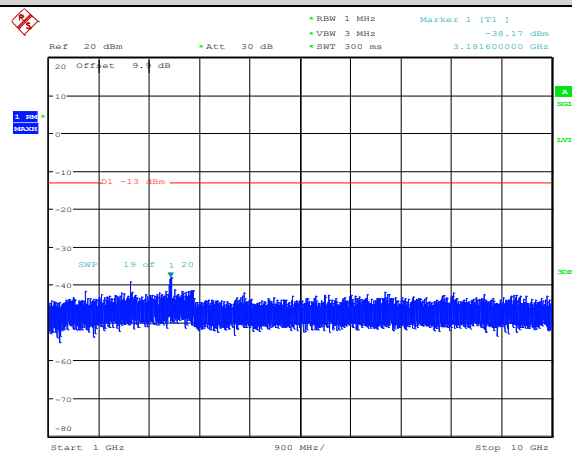
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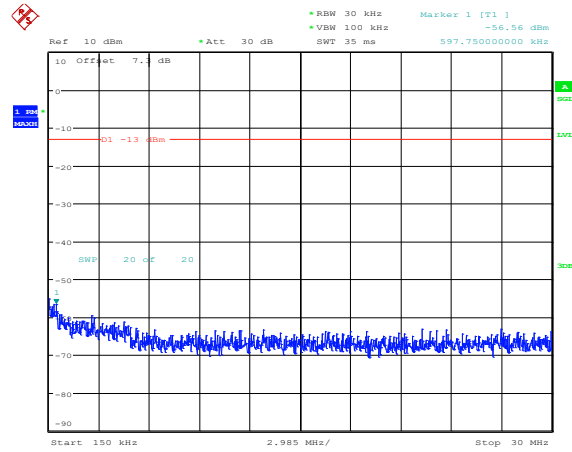
Band5-4132-2-30~1000MHz



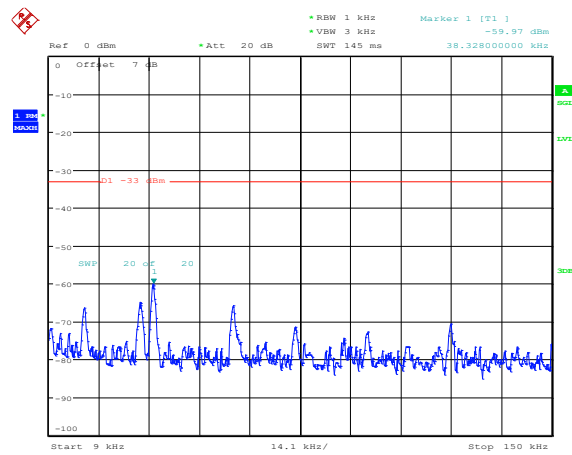
Band5-4132-2-1000~10000MHz



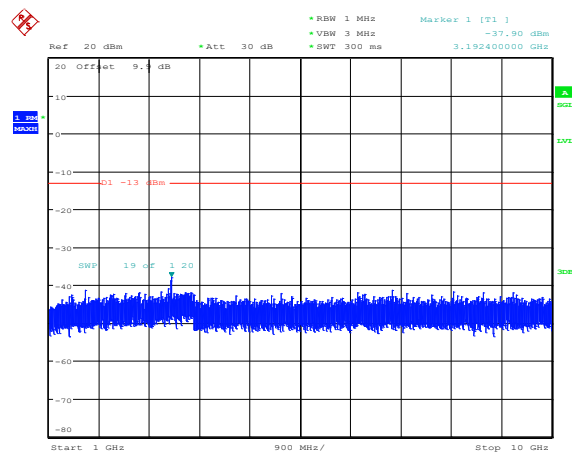
Band5-4132-2-0.15~30MHz



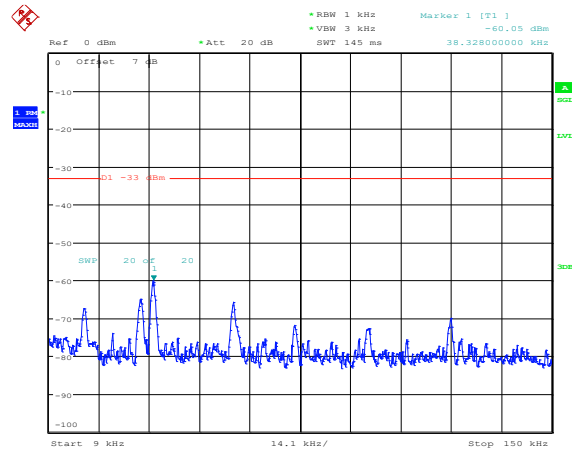
Band5-4132-2-0.009~0.15MHz



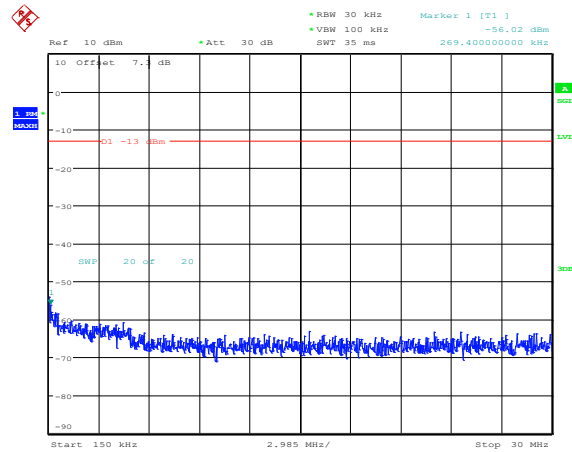
Band5-4132-3-1000~10000MHz



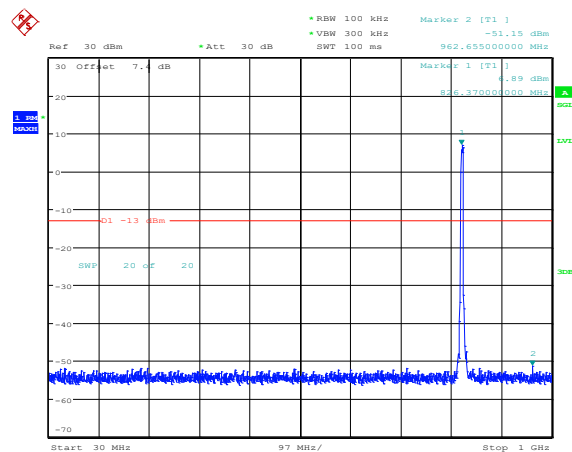
Band5-4132-3-0.009~0.15MHz



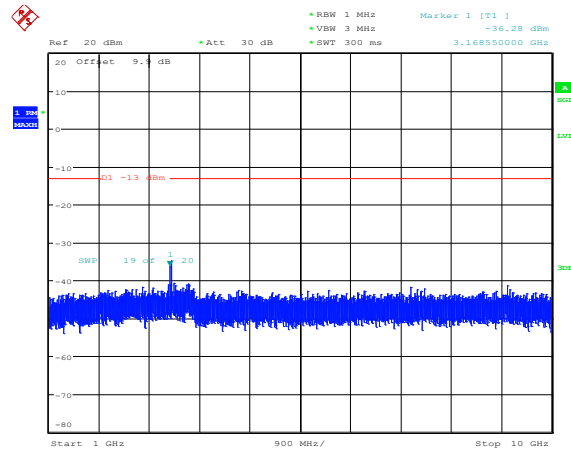
Band5-4132-3-0.15~30MHz



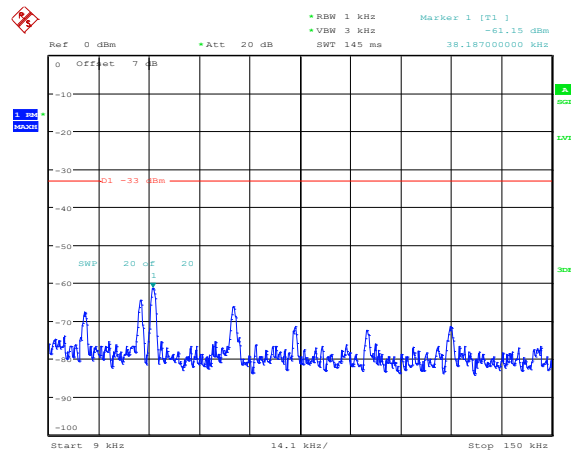
Band5-4132-3-30~1000MHz



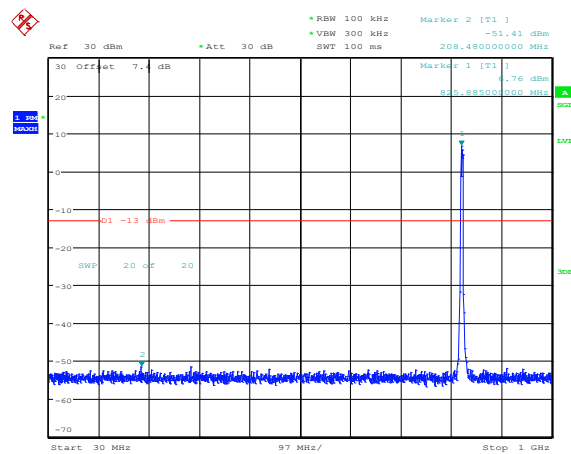
Band5-4132-4-1000~10000MHz



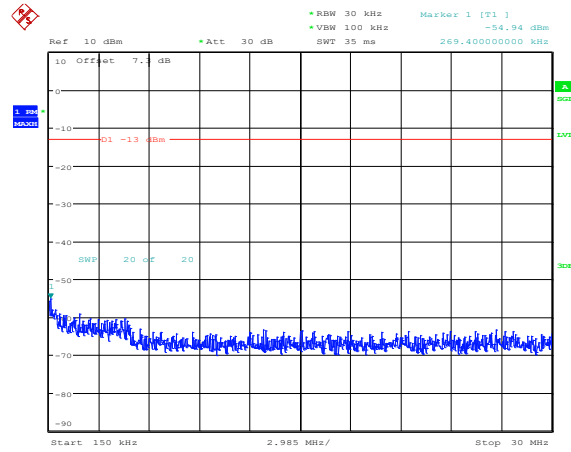
Band5-4132-4-0.009~0.15MHz



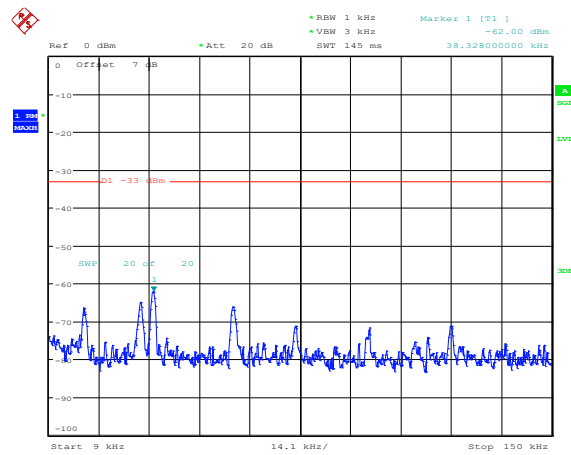
Band5-4132-4-30~1000MHz



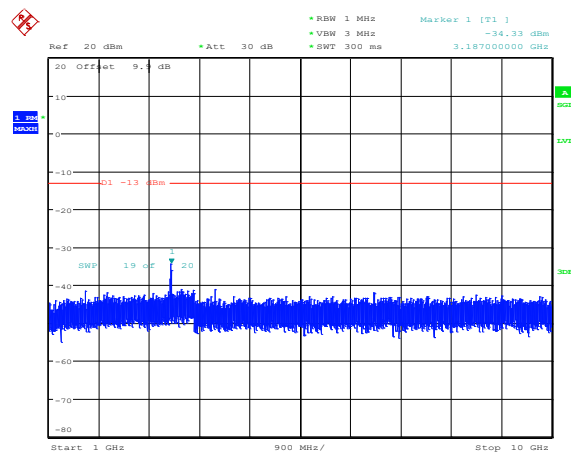
Band5-4132-4-0.15~30MHz



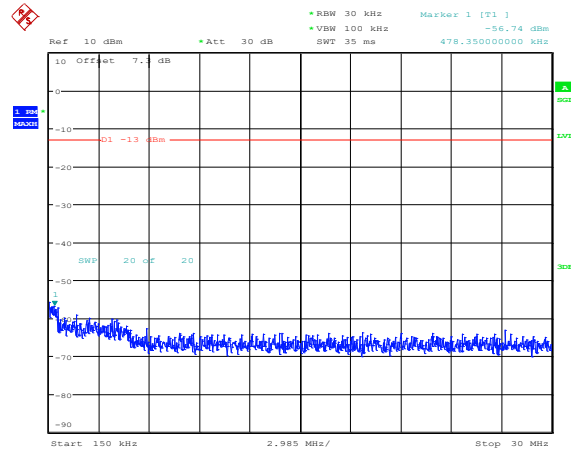
Band5-4132-5-0.009~0.15MHz



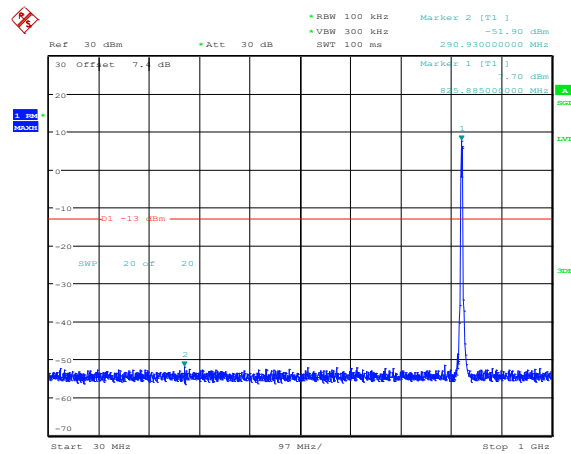
Band5-4132-5-1000~10000MHz



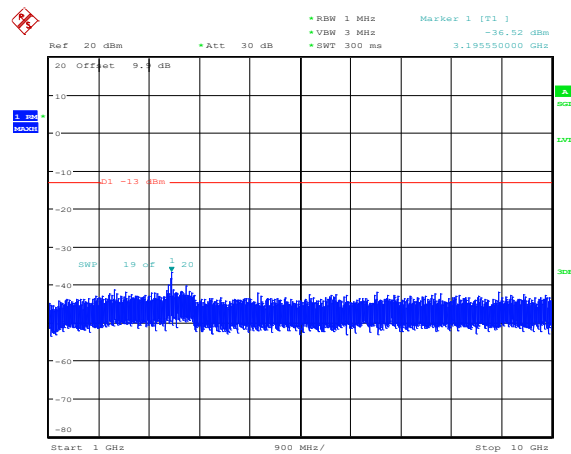
Band5-4132-5-0.15~30MHz



Band5-4132-5-30~1000MHz

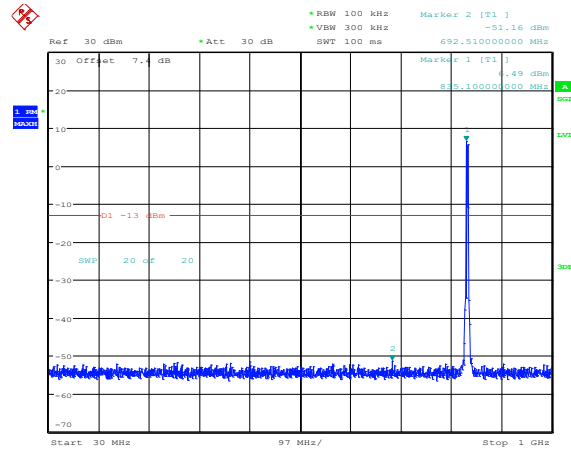


Band5-4182-1-1000~10000MHz

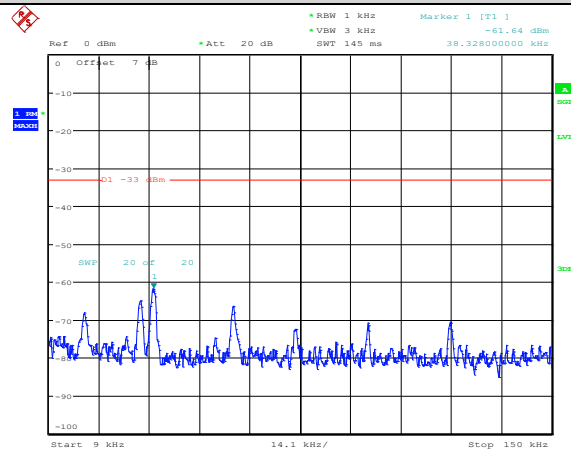


Band5-4182-1-30~1000MHz

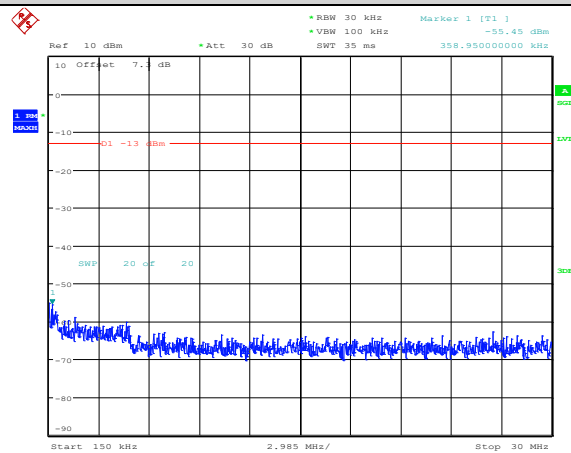




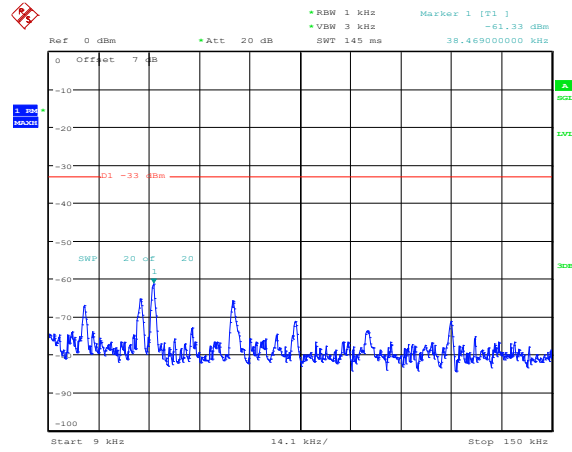
Band5-4182-1-0.009~0.15MHz



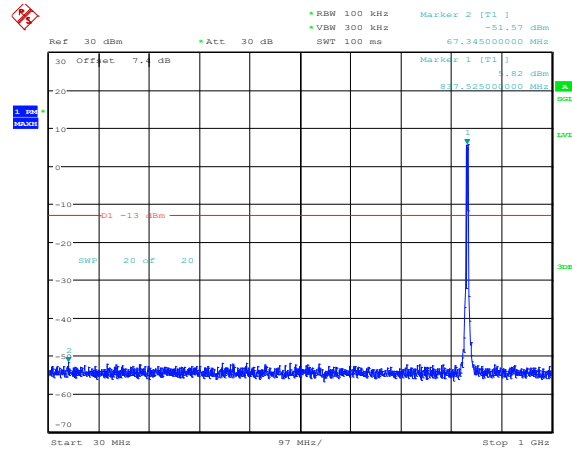
Band5-4182-1-0.15~30MHz



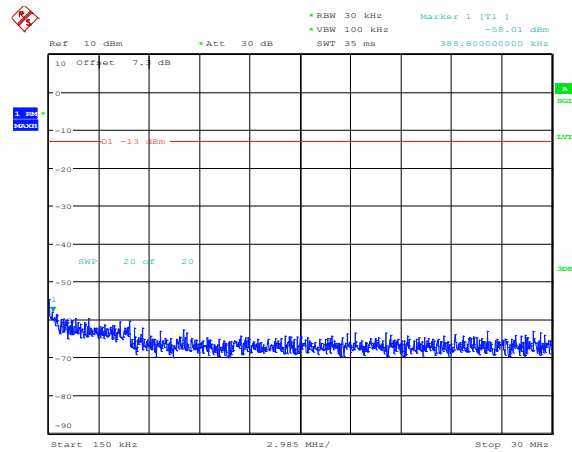
Band5-4182-2-0.009~0.15MHz



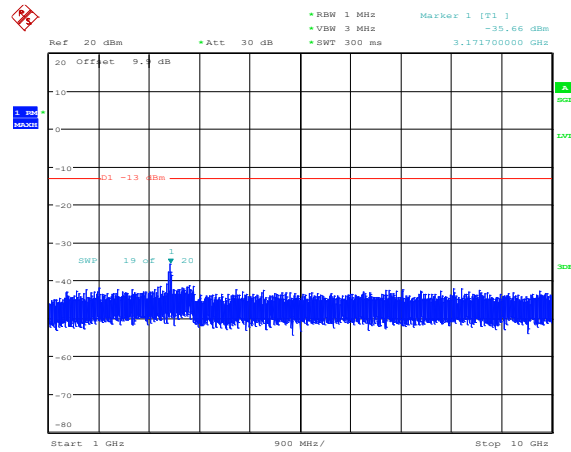
Band5-4182-2-30~1000MHz



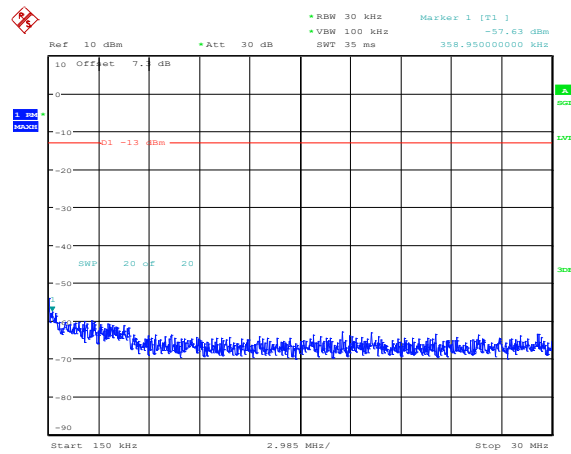
Band5-4182-2-0.15~30MHz



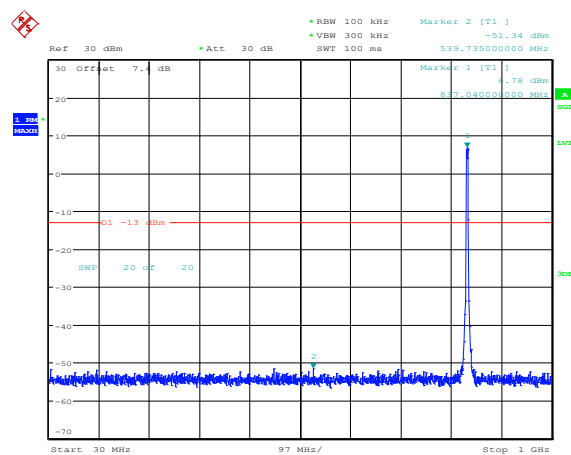
Band5-4182-2-1000~10000MHz



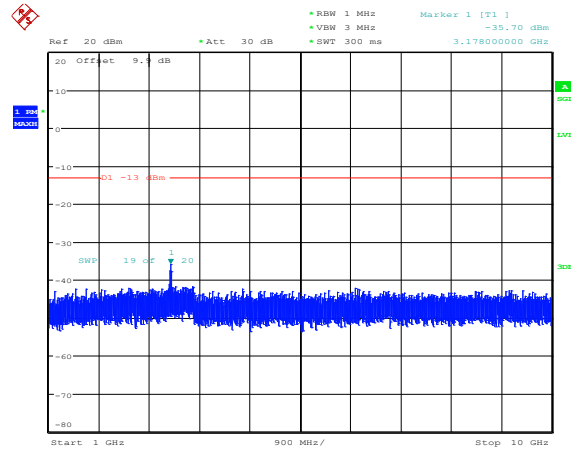
Band5-4182-3-0.15~30MHz



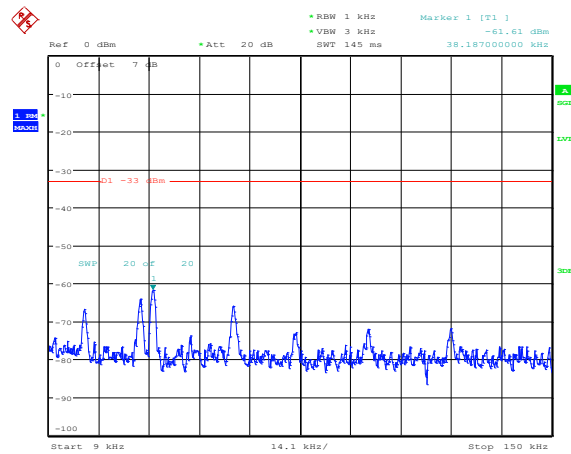
Band5-4182-3-30~1000MHz



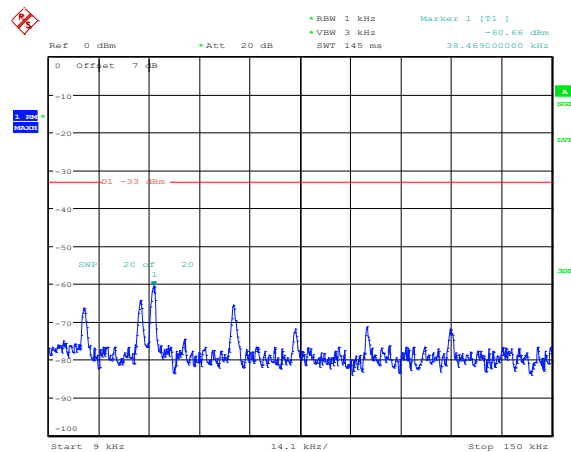
Band5-4182-3-1000~10000MHz



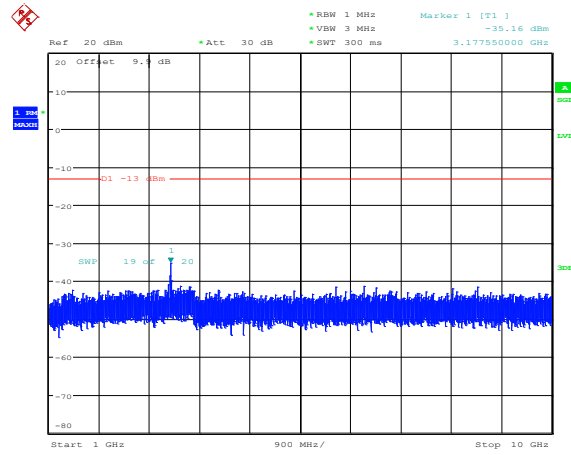
Band5-4182-3-0.009~0.15MHz



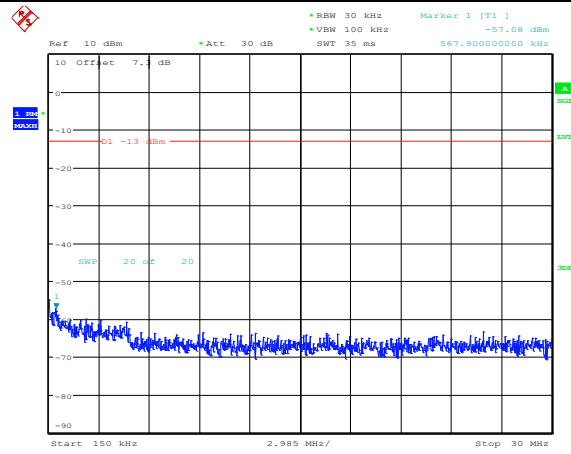
Band5-4182-4-0.009~0.15MHz



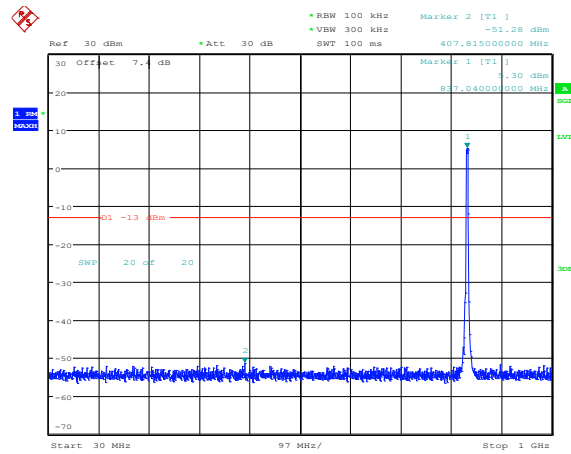
Band5-4182-4-1000~10000MHz



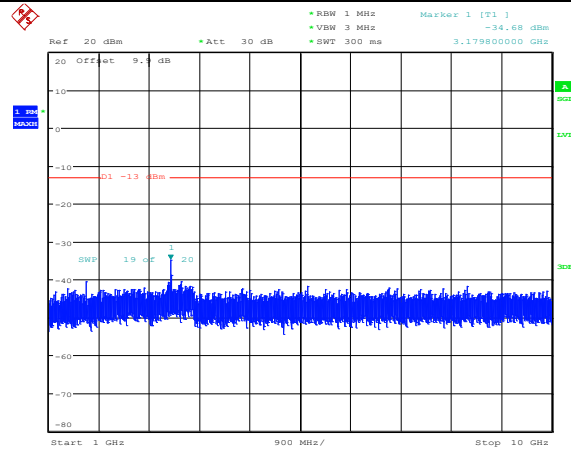
Band5-4182-4-0.15~30MHz



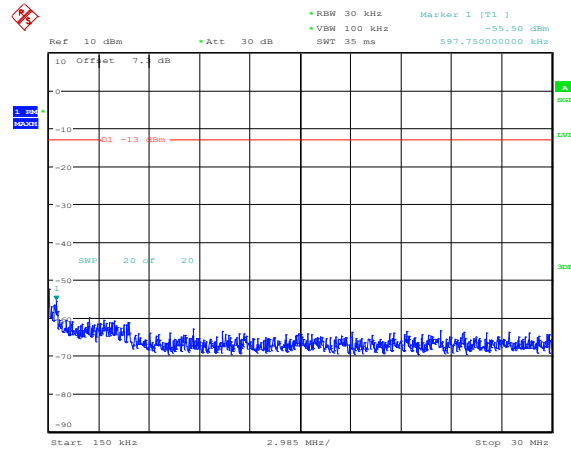
Band5-4182-4-30~1000MHz



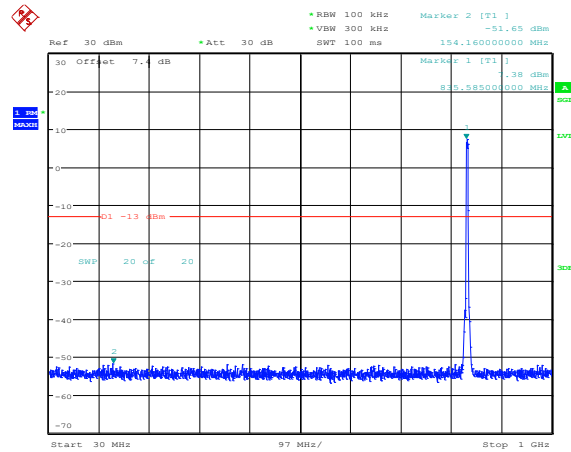
Band5-4182-5-1000~10000MHz



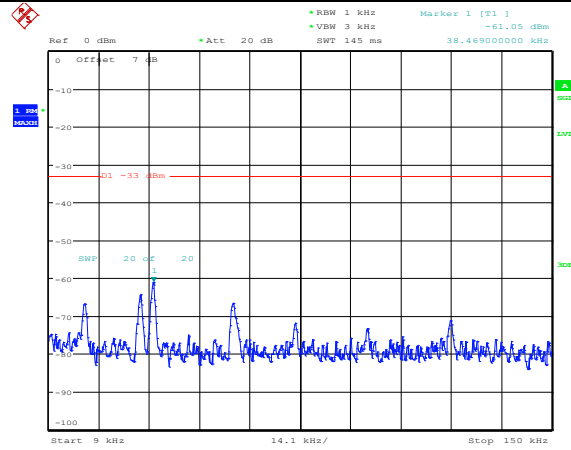
Band5-4182-5-0.15~30MHz



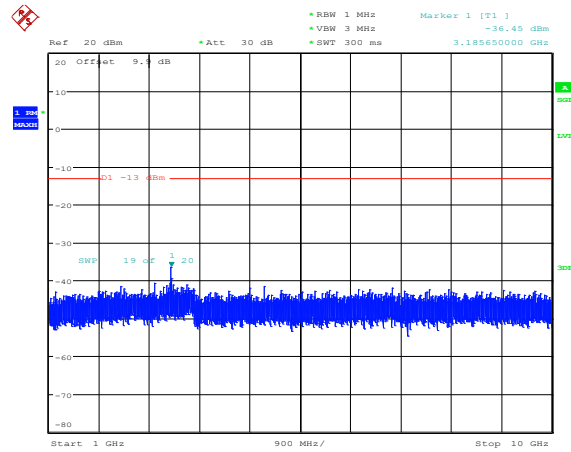
Band5-4182-5-30~1000MHz



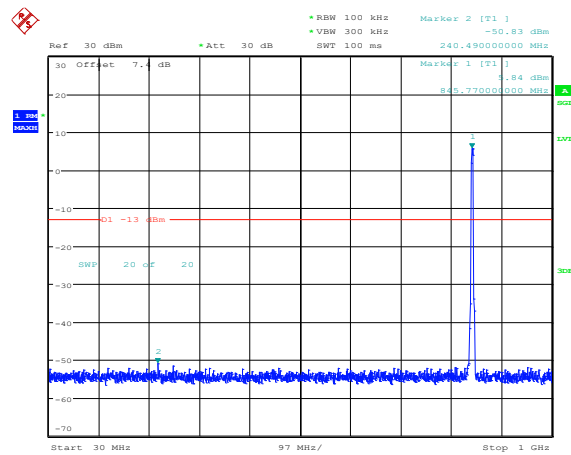
Band5-4182-5-0.009~0.15MHz



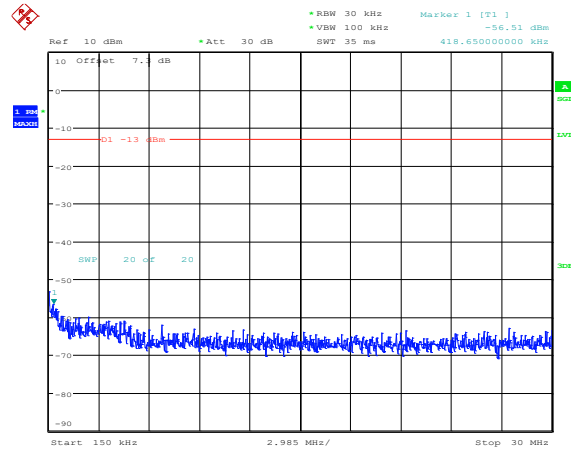
Band5-4233-1-1000~10000MHz



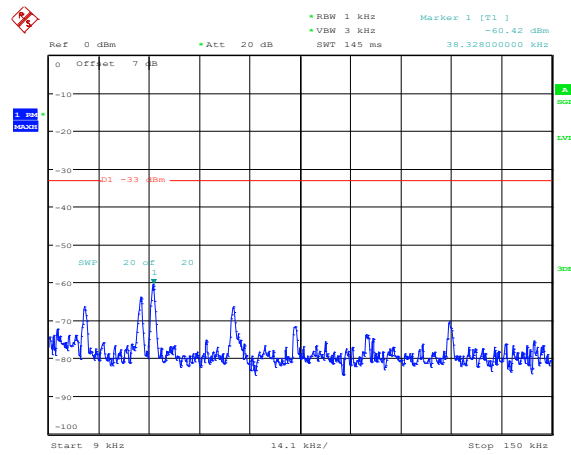
Band5-4233-1-30~1000MHz



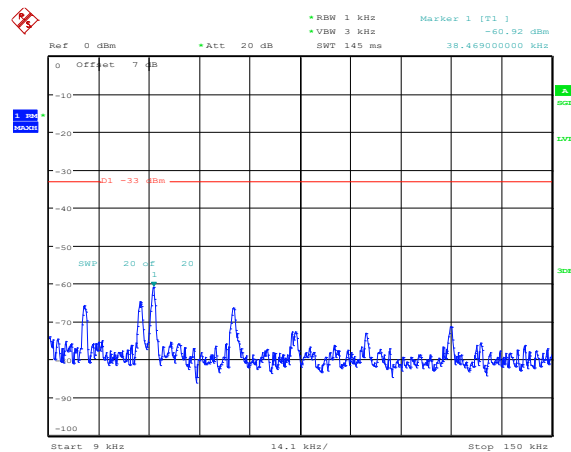
Band5-4233-1-0.15~30MHz



Band5-4233-1-0.009~0.15MHz

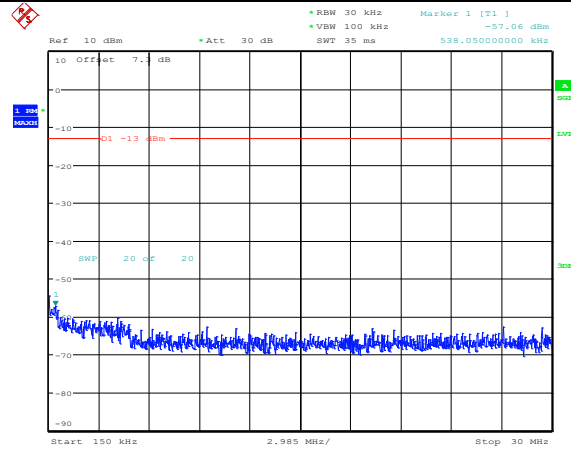


Band5-4233-2-0.009~0.15MHz

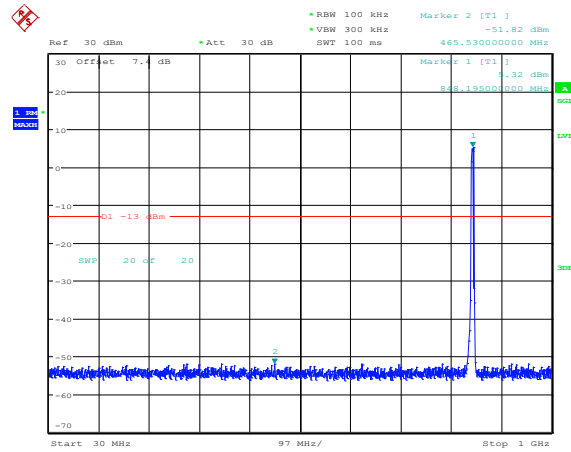


Band5-4233-2-0.15~30MHz

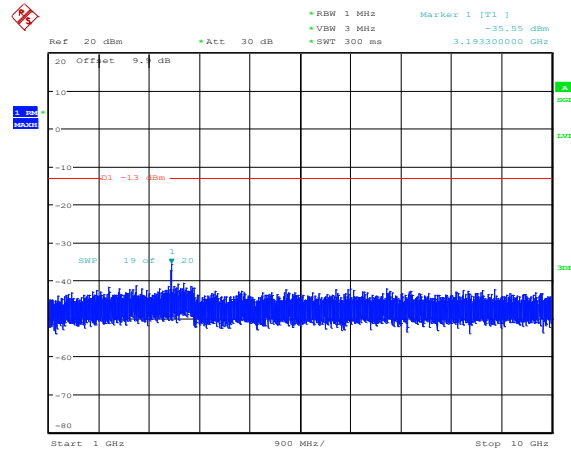




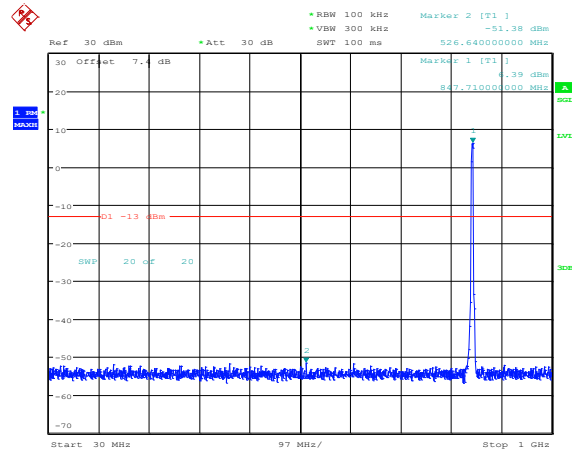
Band5-4233-2-30~1000MHz



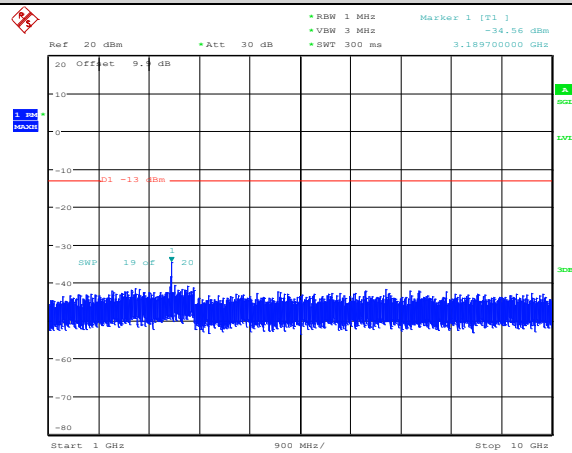
Band5-4233-2-1000~10000MHz



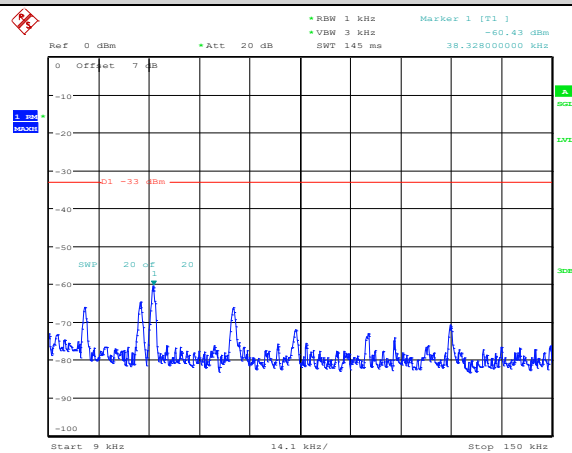
Band5-4233-3-30~10000MHz



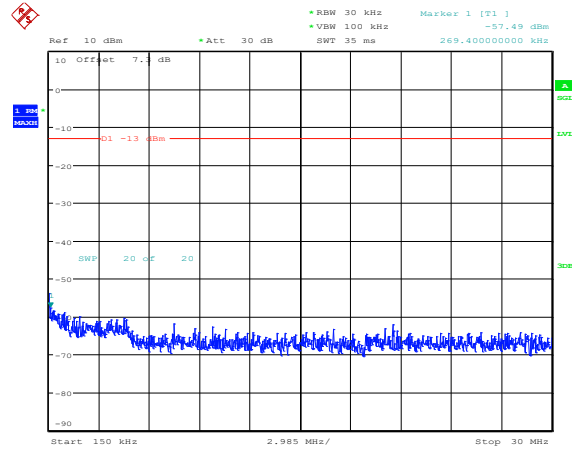
Band5-4233-3-1000~10000MHz



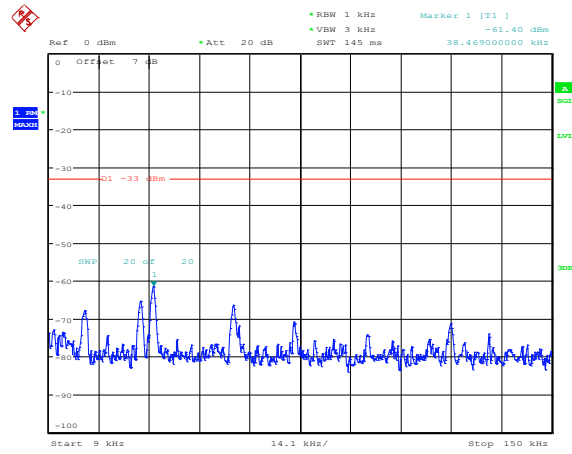
Band5-4233-3-0.009~0.15MHz



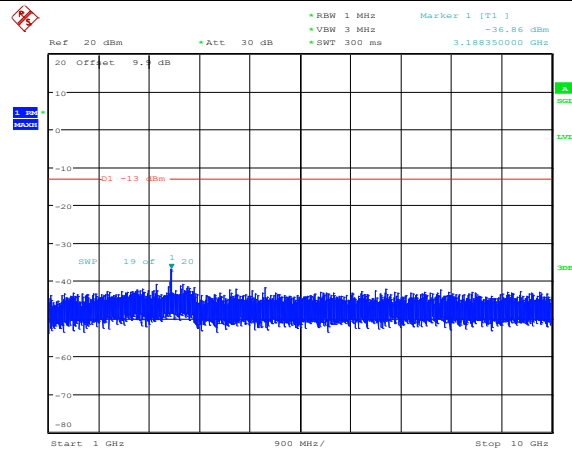
Band5-4233-3-0.15~30MHz



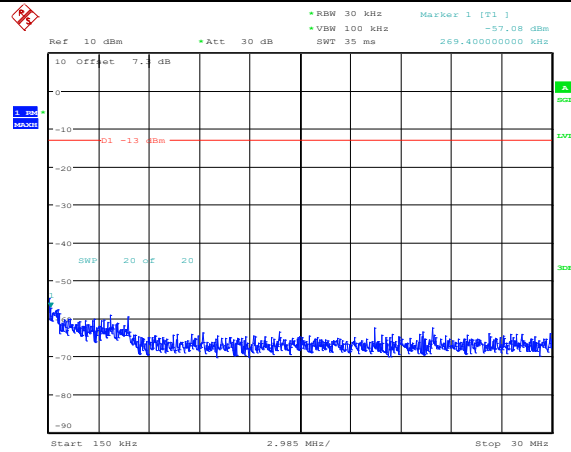
Band5-4233-4-0.009~0.15MHz



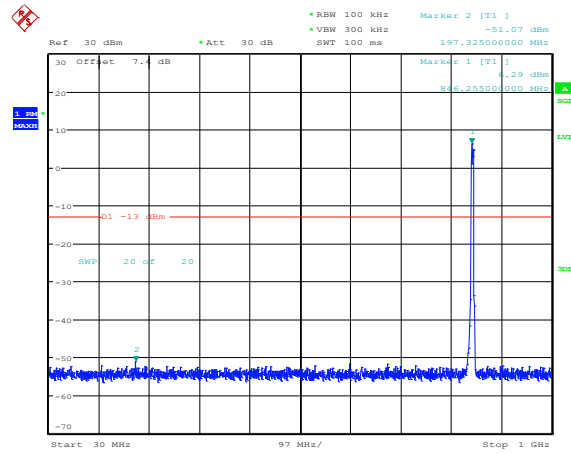
Band5-4233-4-1000~10000MHz



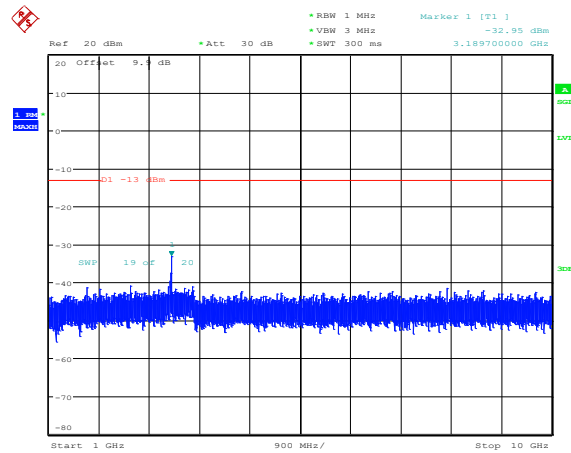
Band5-4233-4-0.15~30MHz



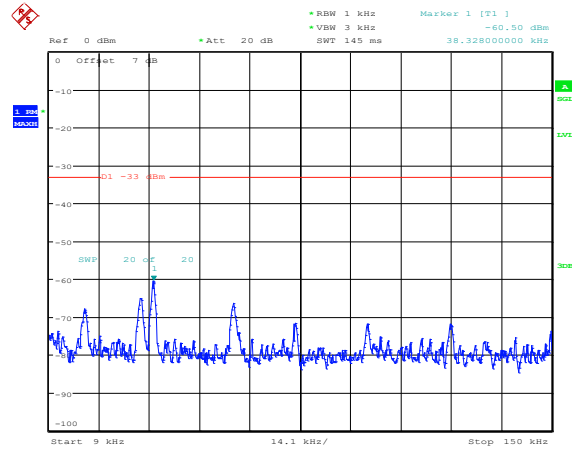
#### Band5-4233-4-30~1000MHz



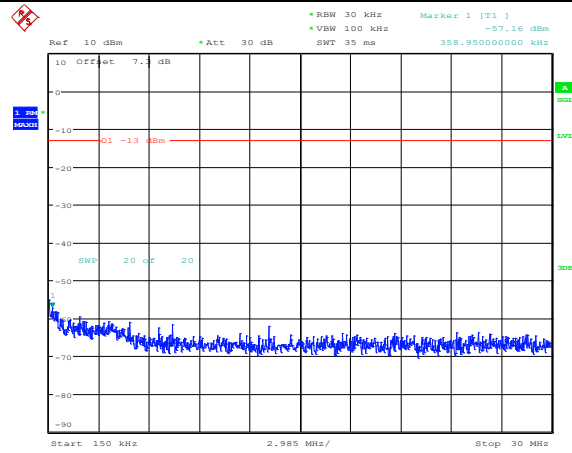
#### Band5-4233-5-1000~10000MHz



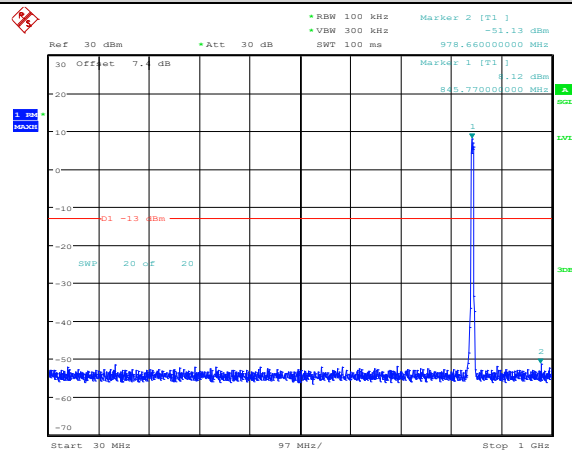
#### Band5-4233-5-0.009~0.15MHz



### Band5-4233-5-0.15~30MHz



### Band5-4233-5-30~1000MHz



## 6. Frequency Stability

| Voltage |         |               |                  |                |                 |             |         |
|---------|---------|---------------|------------------|----------------|-----------------|-------------|---------|
| Band    | Channel | Voltage (Vdc) | Temperature (°C) | Deviation (Hz) | Deviation (ppm) | Limit (ppm) | Verdict |
| Band5   | 4132    | VL            | NT               | -0.31          | -0.000375       | ±2.5        | PASS    |
| Band5   | 4132    | VN            | NT               | 0.36           | 0.000436        | ±2.5        | PASS    |
| Band5   | 4132    | VH            | NT               | -1.41          | -0.001706       | ±2.5        | PASS    |
| Band5   | 4182    | VL            | NT               | -0.77          | -0.000921       | ±2.5        | PASS    |
| Band5   | 4182    | VN            | NT               | 0.11           | 0.000132        | ±2.5        | PASS    |
| Band5   | 4182    | VH            | NT               | 0.52           | 0.000622        | ±2.5        | PASS    |
| Band5   | 4233    | VL            | NT               | 0.98           | 0.001158        | ±2.5        | PASS    |
| Band5   | 4233    | VN            | NT               | -0.57          | -0.000673       | ±2.5        | PASS    |
| Band5   | 4233    | VH            | NT               | 0.36           | 0.000425        | ±2.5        | PASS    |

| Temperature |         |               |                  |                |                 |             |         |
|-------------|---------|---------------|------------------|----------------|-----------------|-------------|---------|
| Band        | Channel | Voltage (Vdc) | Temperature (°C) | Deviation (Hz) | Deviation (ppm) | Limit (ppm) | Verdict |
| Band5       | 4132    | NV            | -30              | -1.64          | -0.001985       | ±2.5        | PASS    |
| Band5       | 4132    | NV            | -20              | -2.29          | -0.002771       | ±2.5        | PASS    |
| Band5       | 4132    | NV            | 0                | -2.82          | -0.003412       | ±2.5        | PASS    |
| Band5       | 4132    | NV            | 10               | 0.54           | 0.000653        | ±2.5        | PASS    |
| Band5       | 4132    | NV            | 20               | -1.52          | -0.001839       | ±2.5        | PASS    |
| Band5       | 4182    | NV            | -30              | 0.89           | 0.001064        | ±2.5        | PASS    |
| Band5       | 4182    | NV            | -20              | -1.72          | -0.002056       | ±2.5        | PASS    |
| Band5       | 4182    | NV            | 0                | 1.90           | 0.002272        | ±2.5        | PASS    |
| Band5       | 4182    | NV            | 10               | -0.80          | -0.000956       | ±2.5        | PASS    |
| Band5       | 4182    | NV            | 20               | 0.51           | 0.000610        | ±2.5        | PASS    |
| Band5       | 4233    | NV            | -30              | 1.99           | 0.002351        | ±2.5        | PASS    |
| Band5       | 4233    | NV            | -20              | -0.58          | -0.000685       | ±2.5        | PASS    |
| Band5       | 4233    | NV            | 0                | -1.79          | -0.002114       | ±2.5        | PASS    |
| Band5       | 4233    | NV            | 10               | -1.64          | -0.001937       | ±2.5        | PASS    |
| Band5       | 4233    | NV            | 20               | -2.05          | -0.002421       | ±2.5        | PASS    |

| Voltage |         |          |               |                  |                |                 |             |         |
|---------|---------|----------|---------------|------------------|----------------|-----------------|-------------|---------|
| Band    | Channel | Sub Test | Voltage (Vdc) | Temperature (°C) | Deviation (Hz) | Deviation (ppm) | Limit (ppm) | Verdict |
| Band5   | 4132    | 1        | VL            | NT               | 0.70           | 0.000847        | ±2.5        | PASS    |
| Band5   | 4132    | 1        | VN            | NT               | 0.86           | 0.001041        | ±2.5        | PASS    |
| Band5   | 4132    | 1        | VH            | NT               | -0.86          | -0.001041       | ±2.5        | PASS    |
| Band5   | 4132    | 2        | VL            | NT               | 0.39           | 0.000472        | ±2.5        | PASS    |
| Band5   | 4132    | 2        | VN            | NT               | -0.71          | -0.000859       | ±2.5        | PASS    |
| Band5   | 4132    | 2        | VH            | NT               | -1.14          | -0.001379       | ±2.5        | PASS    |
| Band5   | 4132    | 3        | VL            | NT               | 1.28           | 0.001549        | ±2.5        | PASS    |
| Band5   | 4132    | 3        | VN            | NT               | 1.32           | 0.001597        | ±2.5        | PASS    |
| Band5   | 4132    | 3        | VH            | NT               | 2.70           | 0.003267        | ±2.5        | PASS    |
| Band5   | 4132    | 4        | VL            | NT               | -0.05          | -0.000061       | ±2.5        | PASS    |
| Band5   | 4132    | 4        | VN            | NT               | 0.28           | 0.000339        | ±2.5        | PASS    |
| Band5   | 4132    | 4        | VH            | NT               | 0.79           | 0.000956        | ±2.5        | PASS    |
| Band5   | 4182    | 1        | VL            | NT               | -0.06          | -0.000072       | ±2.5        | PASS    |
| Band5   | 4182    | 1        | VN            | NT               | 0.20           | 0.000239        | ±2.5        | PASS    |
| Band5   | 4182    | 1        | VH            | NT               | -0.24          | -0.000287       | ±2.5        | PASS    |
| Band5   | 4182    | 2        | VL            | NT               | 1.33           | 0.001590        | ±2.5        | PASS    |
| Band5   | 4182    | 2        | VN            | NT               | 0.29           | 0.000347        | ±2.5        | PASS    |
| Band5   | 4182    | 2        | VH            | NT               | 1.04           | 0.001243        | ±2.5        | PASS    |
| Band5   | 4182    | 3        | VL            | NT               | 1.09           | 0.001303        | ±2.5        | PASS    |
| Band5   | 4182    | 3        | VN            | NT               | 2.55           | 0.003049        | ±2.5        | PASS    |
| Band5   | 4182    | 3        | VH            | NT               | 2.92           | 0.003491        | ±2.5        | PASS    |
| Band5   | 4182    | 4        | VL            | NT               | 2.11           | 0.002523        | ±2.5        | PASS    |
| Band5   | 4182    | 4        | VN            | NT               | 0.38           | 0.000454        | ±2.5        | PASS    |
| Band5   | 4182    | 4        | VH            | NT               | 1.31           | 0.001566        | ±2.5        | PASS    |
| Band5   | 4233    | 1        | VL            | NT               | -0.62          | -0.000732       | ±2.5        | PASS    |
| Band5   | 4233    | 1        | VN            | NT               | 2.73           | 0.003225        | ±2.5        | PASS    |
| Band5   | 4233    | 1        | VH            | NT               | 3.48           | 0.004111        | ±2.5        | PASS    |
| Band5   | 4233    | 2        | VL            | NT               | 1.80           | 0.002126        | ±2.5        | PASS    |
| Band5   | 4233    | 2        | VN            | NT               | -0.26          | -0.000307       | ±2.5        | PASS    |
| Band5   | 4233    | 2        | VH            | NT               | 1.79           | 0.002114        | ±2.5        | PASS    |
| Band5   | 4233    | 3        | VL            | NT               | 0.67           | 0.000791        | ±2.5        | PASS    |
| Band5   | 4233    | 3        | VN            | NT               | 0.78           | 0.000921        | ±2.5        | PASS    |
| Band5   | 4233    | 3        | VH            | NT               | -0.15          | -0.000177       | ±2.5        | PASS    |
| Band5   | 4233    | 4        | VL            | NT               | -0.41          | -0.000484       | ±2.5        | PASS    |
| Band5   | 4233    | 4        | VN            | NT               | 0.06           | 0.000071        | ±2.5        | PASS    |
| Band5   | 4233    | 4        | VH            | NT               | 0.64           | 0.000756        | ±2.5        | PASS    |

| Temperature |         |          |               |                  |                |                 |             |         |
|-------------|---------|----------|---------------|------------------|----------------|-----------------|-------------|---------|
| Band        | Channel | Sub Test | Voltage (Vdc) | Temperature (°C) | Deviation (Hz) | Deviation (ppm) | Limit (ppm) | Verdict |
| Band5       | 4132    | 1        | NV            | -30              | -0.27          | -0.000327       | ±2.5        | PASS    |
| Band5       | 4132    | 1        | NV            | -20              | -0.54          | -0.000653       | ±2.5        | PASS    |
| Band5       | 4132    | 1        | NV            | 0                | 1.39           | 0.001682        | ±2.5        | PASS    |
| Band5       | 4132    | 1        | NV            | 10               | 0.56           | 0.000678        | ±2.5        | PASS    |
| Band5       | 4132    | 1        | NV            | 20               | -0.10          | -0.000121       | ±2.5        | PASS    |
| Band5       | 4132    | 2        | NV            | -30              | -0.33          | -0.000399       | ±2.5        | PASS    |
| Band5       | 4132    | 2        | NV            | -20              | 0.33           | 0.000399        | ±2.5        | PASS    |
| Band5       | 4132    | 2        | NV            | 0                | 1.32           | 0.001597        | ±2.5        | PASS    |
| Band5       | 4132    | 2        | NV            | 10               | 0.25           | 0.000303        | ±2.5        | PASS    |
| Band5       | 4132    | 2        | NV            | 20               | -0.33          | -0.000399       | ±2.5        | PASS    |
| Band5       | 4132    | 3        | NV            | -30              | 2.65           | 0.003207        | ±2.5        | PASS    |
| Band5       | 4132    | 3        | NV            | -20              | 1.65           | 0.001997        | ±2.5        | PASS    |
| Band5       | 4132    | 3        | NV            | 0                | -0.91          | -0.001101       | ±2.5        | PASS    |
| Band5       | 4132    | 3        | NV            | 10               | 0.62           | 0.000750        | ±2.5        | PASS    |
| Band5       | 4132    | 3        | NV            | 20               | 0.72           | 0.000871        | ±2.5        | PASS    |
| Band5       | 4132    | 4        | NV            | -30              | 0.08           | 0.000097        | ±2.5        | PASS    |
| Band5       | 4132    | 4        | NV            | -20              | 0.69           | 0.000835        | ±2.5        | PASS    |
| Band5       | 4132    | 4        | NV            | 0                | 1.07           | 0.001295        | ±2.5        | PASS    |
| Band5       | 4132    | 4        | NV            | 10               | -1.47          | -0.001779       | ±2.5        | PASS    |
| Band5       | 4132    | 4        | NV            | 20               | 1.53           | 0.001851        | ±2.5        | PASS    |
| Band5       | 4182    | 1        | NV            | -30              | -1.07          | -0.001279       | ±2.5        | PASS    |
| Band5       | 4182    | 1        | NV            | -20              | -0.67          | -0.000801       | ±2.5        | PASS    |
| Band5       | 4182    | 1        | NV            | 0                | -1.76          | -0.002104       | ±2.5        | PASS    |
| Band5       | 4182    | 1        | NV            | 10               | -0.23          | -0.000275       | ±2.5        | PASS    |
| Band5       | 4182    | 1        | NV            | 20               | 0.81           | 0.000968        | ±2.5        | PASS    |
| Band5       | 4182    | 2        | NV            | -30              | 0.09           | 0.000108        | ±2.5        | PASS    |
| Band5       | 4182    | 2        | NV            | -20              | 0.09           | 0.000108        | ±2.5        | PASS    |
| Band5       | 4182    | 2        | NV            | 0                | -0.29          | -0.000347       | ±2.5        | PASS    |
| Band5       | 4182    | 2        | NV            | 10               | -0.04          | -0.000048       | ±2.5        | PASS    |
| Band5       | 4182    | 2        | NV            | 20               | -3.51          | -0.004197       | ±2.5        | PASS    |
| Band5       | 4182    | 3        | NV            | -30              | 1.81           | 0.002164        | ±2.5        | PASS    |
| Band5       | 4182    | 3        | NV            | -20              | 2.00           | 0.002391        | ±2.5        | PASS    |
| Band5       | 4182    | 3        | NV            | 0                | 1.27           | 0.001518        | ±2.5        | PASS    |
| Band5       | 4182    | 3        | NV            | 10               | 0.46           | 0.000550        | ±2.5        | PASS    |
| Band5       | 4182    | 3        | NV            | 20               | 2.78           | 0.003324        | ±2.5        | PASS    |
| Band5       | 4182    | 4        | NV            | -30              | 1.27           | 0.001518        | ±2.5        | PASS    |
| Band5       | 4182    | 4        | NV            | -20              | 2.68           | 0.003204        | ±2.5        | PASS    |
| Band5       | 4182    | 4        | NV            | 0                | 1.58           | 0.001889        | ±2.5        | PASS    |
| Band5       | 4182    | 4        | NV            | 10               | 0.72           | 0.000861        | ±2.5        | PASS    |



|       |      |   |    |     |       |           |      |      |
|-------|------|---|----|-----|-------|-----------|------|------|
| Band5 | 4182 | 4 | NV | 20  | 0.43  | 0.000514  | ±2.5 | PASS |
| Band5 | 4233 | 1 | NV | -30 | -0.64 | -0.000756 | ±2.5 | PASS |
| Band5 | 4233 | 1 | NV | -20 | 1.12  | 0.001323  | ±2.5 | PASS |
| Band5 | 4233 | 1 | NV | 0   | 1.72  | 0.002032  | ±2.5 | PASS |
| Band5 | 4233 | 1 | NV | 10  | -0.62 | -0.000732 | ±2.5 | PASS |
| Band5 | 4233 | 1 | NV | 20  | 1.17  | 0.001382  | ±2.5 | PASS |
| Band5 | 4233 | 2 | NV | -30 | 3.23  | 0.003815  | ±2.5 | PASS |
| Band5 | 4233 | 2 | NV | -20 | 1.33  | 0.001571  | ±2.5 | PASS |
| Band5 | 4233 | 2 | NV | 0   | -0.90 | -0.001063 | ±2.5 | PASS |
| Band5 | 4233 | 2 | NV | 10  | -0.84 | -0.000992 | ±2.5 | PASS |
| Band5 | 4233 | 2 | NV | 20  | 0.94  | 0.001110  | ±2.5 | PASS |
| Band5 | 4233 | 3 | NV | -30 | 1.21  | 0.001429  | ±2.5 | PASS |
| Band5 | 4233 | 3 | NV | -20 | 0.80  | 0.000945  | ±2.5 | PASS |
| Band5 | 4233 | 3 | NV | 0   | 0.22  | 0.000260  | ±2.5 | PASS |
| Band5 | 4233 | 3 | NV | 10  | 0.02  | 0.000024  | ±2.5 | PASS |
| Band5 | 4233 | 3 | NV | 20  | 0.17  | 0.000201  | ±2.5 | PASS |
| Band5 | 4233 | 4 | NV | -30 | 2.48  | 0.002929  | ±2.5 | PASS |
| Band5 | 4233 | 4 | NV | -20 | 1.13  | 0.001335  | ±2.5 | PASS |
| Band5 | 4233 | 4 | NV | 0   | 0.69  | 0.000815  | ±2.5 | PASS |
| Band5 | 4233 | 4 | NV | 10  | -0.48 | -0.000567 | ±2.5 | PASS |
| Band5 | 4233 | 4 | NV | 20  | 0.14  | 0.000165  | ±2.5 | PASS |

| Voltage |         |          |               |                  |                |                 |             |         |
|---------|---------|----------|---------------|------------------|----------------|-----------------|-------------|---------|
| Band    | Channel | Sub Test | Voltage (Vdc) | Temperature (°C) | Deviation (Hz) | Deviation (ppm) | Limit (ppm) | Verdict |
| Band5   | 4132    | 1        | VL            | NT               | -0.84          | -0.001016       | ±2.5        | PASS    |
| Band5   | 4132    | 1        | VN            | NT               | -0.85          | -0.001029       | ±2.5        | PASS    |
| Band5   | 4132    | 1        | VH            | NT               | 0.03           | 0.000036        | ±2.5        | PASS    |
| Band5   | 4132    | 2        | VL            | NT               | -1.07          | -0.001295       | ±2.5        | PASS    |
| Band5   | 4132    | 2        | VN            | NT               | -1.18          | -0.001428       | ±2.5        | PASS    |
| Band5   | 4132    | 2        | VH            | NT               | -0.22          | -0.000266       | ±2.5        | PASS    |
| Band5   | 4132    | 3        | VL            | NT               | 0.41           | 0.000496        | ±2.5        | PASS    |
| Band5   | 4132    | 3        | VN            | NT               | -0.60          | -0.000726       | ±2.5        | PASS    |
| Band5   | 4132    | 3        | VH            | NT               | 0.97           | 0.001174        | ±2.5        | PASS    |
| Band5   | 4132    | 4        | VL            | NT               | -1.65          | -0.001997       | ±2.5        | PASS    |
| Band5   | 4132    | 4        | VN            | NT               | -0.94          | -0.001137       | ±2.5        | PASS    |
| Band5   | 4132    | 4        | VH            | NT               | -0.67          | -0.000811       | ±2.5        | PASS    |
| Band5   | 4132    | 5        | VL            | NT               | 0.52           | 0.000629        | ±2.5        | PASS    |
| Band5   | 4132    | 5        | VN            | NT               | 1.73           | 0.002093        | ±2.5        | PASS    |
| Band5   | 4132    | 5        | VH            | NT               | -0.70          | -0.000847       | ±2.5        | PASS    |
| Band5   | 4182    | 1        | VL            | NT               | -0.46          | -0.000550       | ±2.5        | PASS    |
| Band5   | 4182    | 1        | VN            | NT               | 0.53           | 0.000634        | ±2.5        | PASS    |
| Band5   | 4182    | 1        | VH            | NT               | -0.09          | -0.000108       | ±2.5        | PASS    |
| Band5   | 4182    | 2        | VL            | NT               | -0.69          | -0.000825       | ±2.5        | PASS    |
| Band5   | 4182    | 2        | VN            | NT               | 1.90           | 0.002272        | ±2.5        | PASS    |
| Band5   | 4182    | 2        | VH            | NT               | 0.70           | 0.000837        | ±2.5        | PASS    |
| Band5   | 4182    | 3        | VL            | NT               | 0.31           | 0.000371        | ±2.5        | PASS    |
| Band5   | 4182    | 3        | VN            | NT               | 1.03           | 0.001231        | ±2.5        | PASS    |
| Band5   | 4182    | 3        | VH            | NT               | 1.10           | 0.001315        | ±2.5        | PASS    |
| Band5   | 4182    | 4        | VL            | NT               | 0.82           | 0.000980        | ±2.5        | PASS    |
| Band5   | 4182    | 4        | VN            | NT               | 0.48           | 0.000574        | ±2.5        | PASS    |
| Band5   | 4182    | 4        | VH            | NT               | 0.86           | 0.001028        | ±2.5        | PASS    |
| Band5   | 4182    | 5        | VL            | NT               | 0.74           | 0.000885        | ±2.5        | PASS    |
| Band5   | 4182    | 5        | VN            | NT               | -1.93          | -0.002308       | ±2.5        | PASS    |
| Band5   | 4182    | 5        | VH            | NT               | -1.34          | -0.001602       | ±2.5        | PASS    |
| Band5   | 4233    | 1        | VL            | NT               | -0.62          | -0.000732       | ±2.5        | PASS    |
| Band5   | 4233    | 1        | VN            | NT               | 0.46           | 0.000543        | ±2.5        | PASS    |
| Band5   | 4233    | 1        | VH            | NT               | 0.21           | 0.000248        | ±2.5        | PASS    |
| Band5   | 4233    | 2        | VL            | NT               | -1.77          | -0.002091       | ±2.5        | PASS    |
| Band5   | 4233    | 2        | VN            | NT               | -0.62          | -0.000732       | ±2.5        | PASS    |
| Band5   | 4233    | 2        | VH            | NT               | 0.00           | 0.000000        | ±2.5        | PASS    |
| Band5   | 4233    | 3        | VL            | NT               | -0.36          | -0.000425       | ±2.5        | PASS    |
| Band5   | 4233    | 3        | VN            | NT               | -1.49          | -0.001760       | ±2.5        | PASS    |

|       |      |   |    |    |       |           |      |      |
|-------|------|---|----|----|-------|-----------|------|------|
| Band5 | 4233 | 3 | VH | NT | -0.69 | -0.000815 | ±2.5 | PASS |
| Band5 | 4233 | 4 | VL | NT | -0.56 | -0.000661 | ±2.5 | PASS |
| Band5 | 4233 | 4 | VN | NT | 0.74  | 0.000874  | ±2.5 | PASS |
| Band5 | 4233 | 4 | VH | NT | -0.04 | -0.000047 | ±2.5 | PASS |
| Band5 | 4233 | 5 | VL | NT | -0.67 | -0.000791 | ±2.5 | PASS |
| Band5 | 4233 | 5 | VN | NT | -0.21 | -0.000248 | ±2.5 | PASS |
| Band5 | 4233 | 5 | VH | NT | -0.26 | -0.000307 | ±2.5 | PASS |

| Temperature |         |          |               |                  |                |                 |             |         |
|-------------|---------|----------|---------------|------------------|----------------|-----------------|-------------|---------|
| Band        | Channel | Sub Test | Voltage (Vdc) | Temperature (°C) | Deviation (Hz) | Deviation (ppm) | Limit (ppm) | Verdict |
| Band5       | 4132    | 1        | NV            | -30              | -0.67          | -0.000811       | ±2.5        | PASS    |
| Band5       | 4132    | 1        | NV            | -20              | 0.10           | 0.000121        | ±2.5        | PASS    |
| Band5       | 4132    | 1        | NV            | 0                | -0.49          | -0.000593       | ±2.5        | PASS    |
| Band5       | 4132    | 1        | NV            | 10               | -0.67          | -0.000811       | ±2.5        | PASS    |
| Band5       | 4132    | 1        | NV            | 20               | 0.41           | 0.000496        | ±2.5        | PASS    |
| Band5       | 4132    | 2        | NV            | -30              | 0.39           | 0.000472        | ±2.5        | PASS    |
| Band5       | 4132    | 2        | NV            | -20              | 1.65           | 0.001997        | ±2.5        | PASS    |
| Band5       | 4132    | 2        | NV            | 0                | -0.59          | -0.000714       | ±2.5        | PASS    |
| Band5       | 4132    | 2        | NV            | 10               | -0.28          | -0.000339       | ±2.5        | PASS    |
| Band5       | 4132    | 2        | NV            | 20               | -0.06          | -0.000073       | ±2.5        | PASS    |
| Band5       | 4132    | 3        | NV            | -30              | -1.45          | -0.001755       | ±2.5        | PASS    |
| Band5       | 4132    | 3        | NV            | -20              | -0.57          | -0.000690       | ±2.5        | PASS    |
| Band5       | 4132    | 3        | NV            | 0                | -0.29          | -0.000351       | ±2.5        | PASS    |
| Band5       | 4132    | 3        | NV            | 10               | -0.45          | -0.000545       | ±2.5        | PASS    |
| Band5       | 4132    | 3        | NV            | 20               | 0.57           | 0.000690        | ±2.5        | PASS    |
| Band5       | 4132    | 4        | NV            | -30              | 0.11           | 0.000133        | ±2.5        | PASS    |
| Band5       | 4132    | 4        | NV            | -20              | -0.41          | -0.000496       | ±2.5        | PASS    |
| Band5       | 4132    | 4        | NV            | 0                | 1.26           | 0.001525        | ±2.5        | PASS    |
| Band5       | 4132    | 4        | NV            | 10               | 0.22           | 0.000266        | ±2.5        | PASS    |
| Band5       | 4132    | 4        | NV            | 20               | 1.72           | 0.002081        | ±2.5        | PASS    |
| Band5       | 4132    | 5        | NV            | -30              | -0.46          | -0.000557       | ±2.5        | PASS    |
| Band5       | 4132    | 5        | NV            | -20              | -0.31          | -0.000375       | ±2.5        | PASS    |
| Band5       | 4132    | 5        | NV            | 0                | -1.07          | -0.001295       | ±2.5        | PASS    |
| Band5       | 4132    | 5        | NV            | 10               | 0.13           | 0.000157        | ±2.5        | PASS    |
| Band5       | 4132    | 5        | NV            | 20               | 0.32           | 0.000387        | ±2.5        | PASS    |
| Band5       | 4182    | 1        | NV            | -30              | -0.91          | -0.001088       | ±2.5        | PASS    |
| Band5       | 4182    | 1        | NV            | -20              | 0.45           | 0.000538        | ±2.5        | PASS    |
| Band5       | 4182    | 1        | NV            | 0                | 0.20           | 0.000239        | ±2.5        | PASS    |
| Band5       | 4182    | 1        | NV            | 10               | -0.99          | -0.001184       | ±2.5        | PASS    |
| Band5       | 4182    | 1        | NV            | 20               | 0.31           | 0.000371        | ±2.5        | PASS    |

|       |      |   |    |     |       |           |      |      |
|-------|------|---|----|-----|-------|-----------|------|------|
| Band5 | 4182 | 2 | NV | -30 | -0.26 | -0.000311 | ±2.5 | PASS |
| Band5 | 4182 | 2 | NV | -20 | -1.41 | -0.001686 | ±2.5 | PASS |
| Band5 | 4182 | 2 | NV | 0   | 0.80  | 0.000956  | ±2.5 | PASS |
| Band5 | 4182 | 2 | NV | 10  | -0.30 | -0.000359 | ±2.5 | PASS |
| Band5 | 4182 | 2 | NV | 20  | 0.75  | 0.000897  | ±2.5 | PASS |
| Band5 | 4182 | 3 | NV | -30 | 0.56  | 0.000670  | ±2.5 | PASS |
| Band5 | 4182 | 3 | NV | -20 | 0.69  | 0.000825  | ±2.5 | PASS |
| Band5 | 4182 | 3 | NV | 0   | 1.07  | 0.001279  | ±2.5 | PASS |
| Band5 | 4182 | 3 | NV | 10  | 0.16  | 0.000191  | ±2.5 | PASS |
| Band5 | 4182 | 3 | NV | 20  | 1.27  | 0.001518  | ±2.5 | PASS |
| Band5 | 4182 | 4 | NV | -30 | 0.81  | 0.000968  | ±2.5 | PASS |
| Band5 | 4182 | 4 | NV | -20 | -1.88 | -0.002248 | ±2.5 | PASS |
| Band5 | 4182 | 4 | NV | 0   | -1.04 | -0.001243 | ±2.5 | PASS |
| Band5 | 4182 | 4 | NV | 10  | -0.09 | -0.000108 | ±2.5 | PASS |
| Band5 | 4182 | 4 | NV | 20  | -0.89 | -0.001064 | ±2.5 | PASS |
| Band5 | 4182 | 5 | NV | -30 | -1.33 | -0.001590 | ±2.5 | PASS |
| Band5 | 4182 | 5 | NV | -20 | -0.41 | -0.000490 | ±2.5 | PASS |
| Band5 | 4182 | 5 | NV | 0   | 1.52  | 0.001817  | ±2.5 | PASS |
| Band5 | 4182 | 5 | NV | 10  | -1.51 | -0.001805 | ±2.5 | PASS |
| Band5 | 4182 | 5 | NV | 20  | -1.41 | -0.001686 | ±2.5 | PASS |
| Band5 | 4233 | 1 | NV | -30 | -0.95 | -0.001122 | ±2.5 | PASS |
| Band5 | 4233 | 1 | NV | -20 | -0.18 | -0.000213 | ±2.5 | PASS |
| Band5 | 4233 | 1 | NV | 0   | 0.16  | 0.000189  | ±2.5 | PASS |
| Band5 | 4233 | 1 | NV | 10  | 0.11  | 0.000130  | ±2.5 | PASS |
| Band5 | 4233 | 1 | NV | 20  | -1.02 | -0.001205 | ±2.5 | PASS |
| Band5 | 4233 | 2 | NV | -30 | -0.49 | -0.000579 | ±2.5 | PASS |
| Band5 | 4233 | 2 | NV | -20 | -1.17 | -0.001382 | ±2.5 | PASS |
| Band5 | 4233 | 2 | NV | 0   | 0.86  | 0.001016  | ±2.5 | PASS |
| Band5 | 4233 | 2 | NV | 10  | 1.19  | 0.001406  | ±2.5 | PASS |
| Band5 | 4233 | 2 | NV | 20  | 0.40  | 0.000472  | ±2.5 | PASS |
| Band5 | 4233 | 3 | NV | -30 | -0.39 | -0.000461 | ±2.5 | PASS |
| Band5 | 4233 | 3 | NV | -20 | -0.57 | -0.000673 | ±2.5 | PASS |
| Band5 | 4233 | 3 | NV | 0   | -2.00 | -0.002362 | ±2.5 | PASS |
| Band5 | 4233 | 3 | NV | 10  | 0.79  | 0.000933  | ±2.5 | PASS |
| Band5 | 4233 | 3 | NV | 20  | 1.72  | 0.002032  | ±2.5 | PASS |
| Band5 | 4233 | 4 | NV | -30 | -0.24 | -0.000283 | ±2.5 | PASS |
| Band5 | 4233 | 4 | NV | -20 | 1.39  | 0.001642  | ±2.5 | PASS |
| Band5 | 4233 | 4 | NV | 0   | -0.59 | -0.000697 | ±2.5 | PASS |
| Band5 | 4233 | 4 | NV | 10  | -0.24 | -0.000283 | ±2.5 | PASS |
| Band5 | 4233 | 4 | NV | 20  | -0.55 | -0.000650 | ±2.5 | PASS |
| Band5 | 4233 | 5 | NV | -30 | -0.31 | -0.000366 | ±2.5 | PASS |

|       |      |   |    |     |      |          |      |      |
|-------|------|---|----|-----|------|----------|------|------|
| Band5 | 4233 | 5 | NV | -20 | 0.56 | 0.000661 | ±2.5 | PASS |
| Band5 | 4233 | 5 | NV | 0   | 0.53 | 0.000626 | ±2.5 | PASS |
| Band5 | 4233 | 5 | NV | 10  | 0.18 | 0.000213 | ±2.5 | PASS |
| Band5 | 4233 | 5 | NV | 20  | 0.15 | 0.000177 | ±2.5 | PASS |