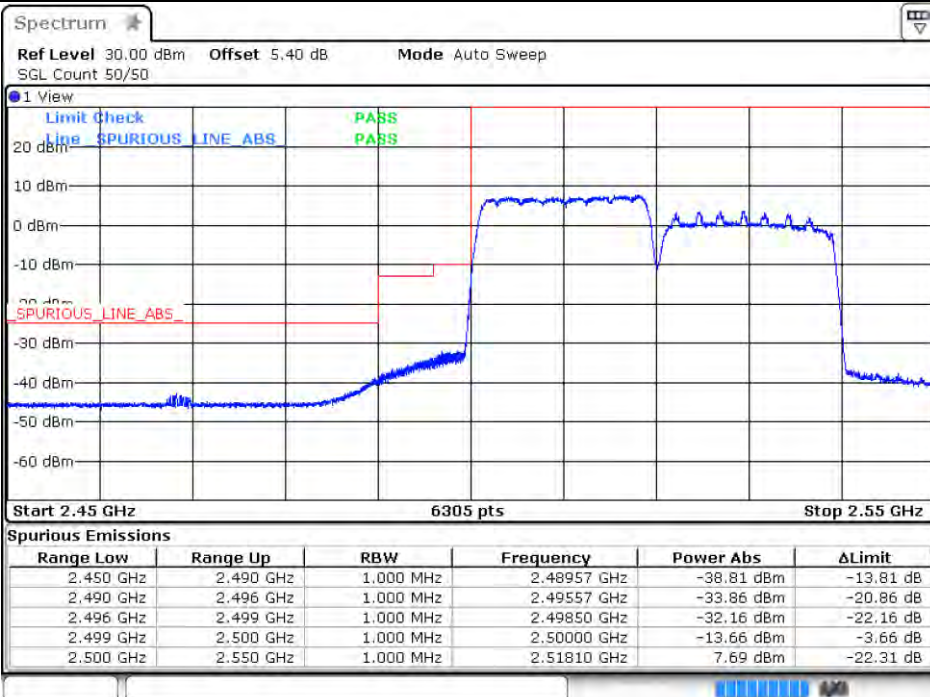
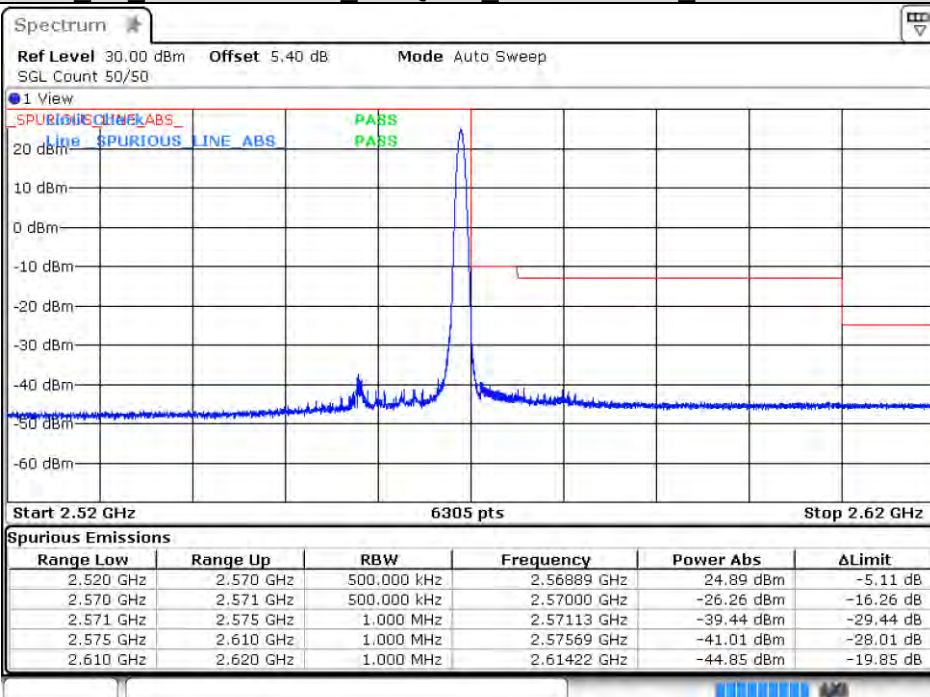


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Date: 26.FEB.2021 20:32:00

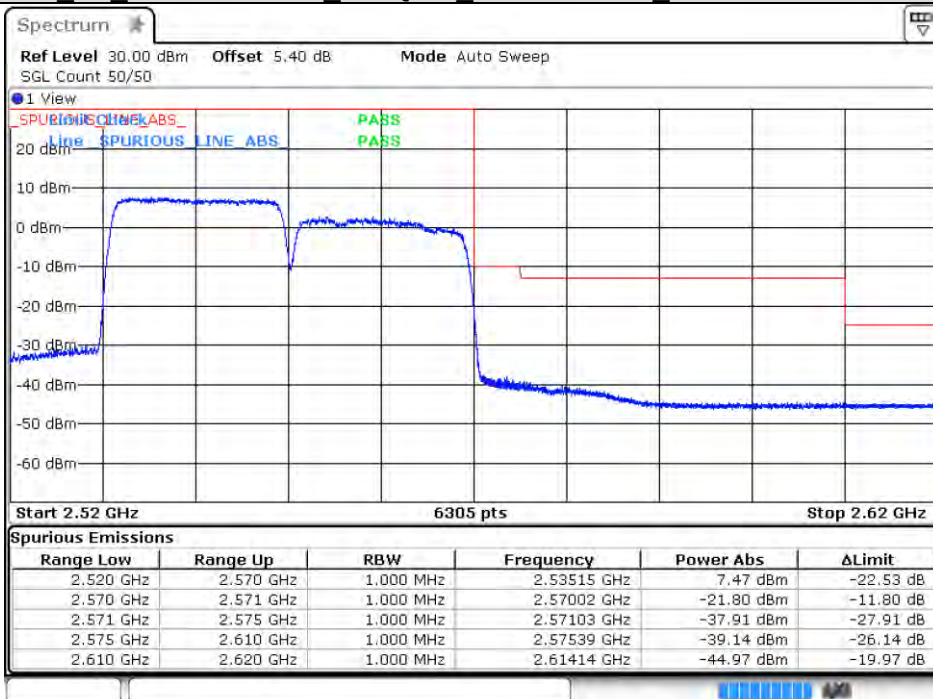
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Date: 26.FEB.2021 20:33:25



CA 7C 100RB+100RB 256QAM 21152+21350 100RB#0+100RB#0



Date: 26.FEB.2021 20:33:55



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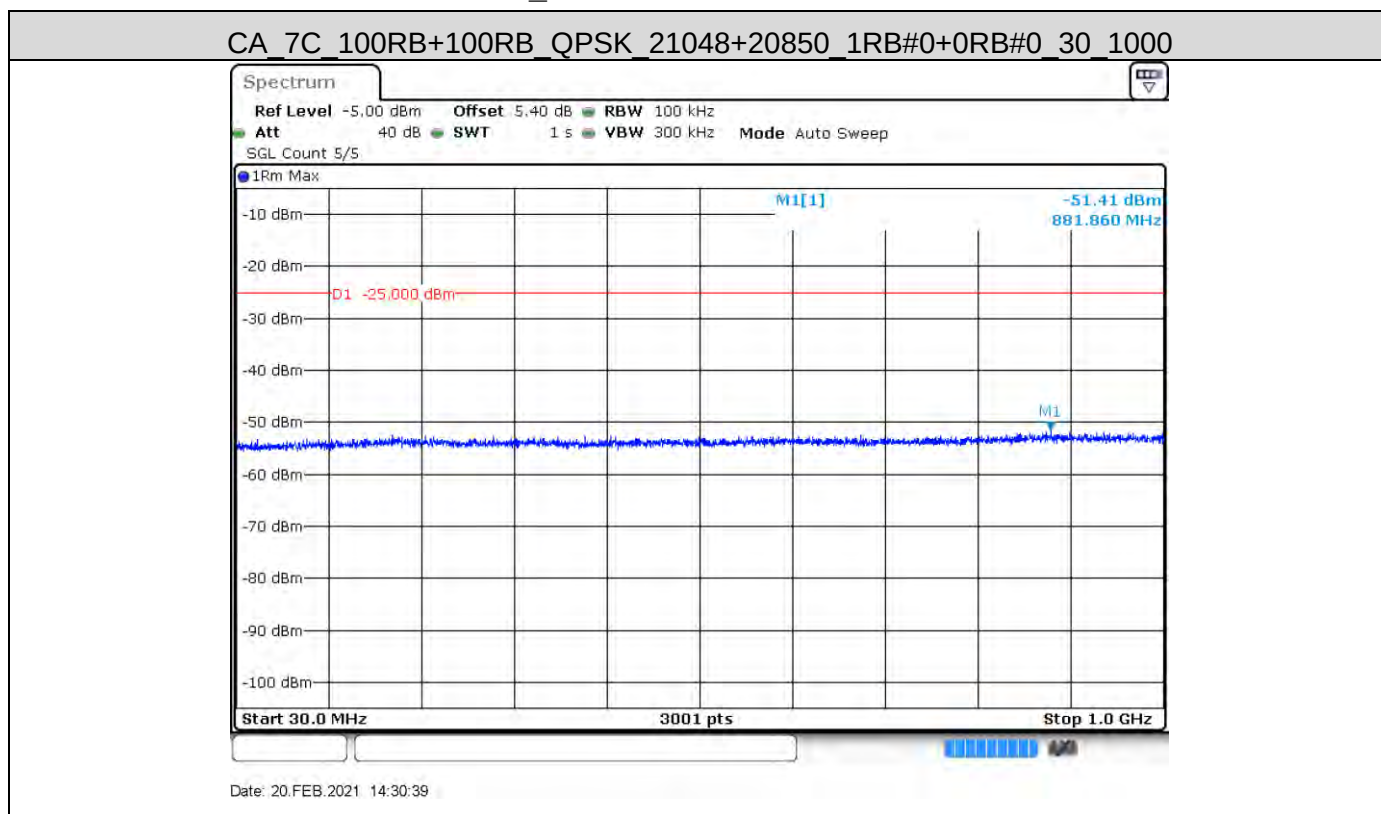
## 6 Spurious Emission at Antenna Terminal

NOTE: For the averaged unwanted emissions measurements, the measurement points in each sweep is greater than twice the Span/RBW in order to ensure bin-to-bin spacing of  $< RBW/2$  so that narrowband signals are not lost between frequency bins. As to the present test item, the "Measurement Points =  $k * (Span / RBW)$ " with  $k$  between 4 and 5, which results in an acceptable level error of less than 0.5 dB.

Part I - Test Plots

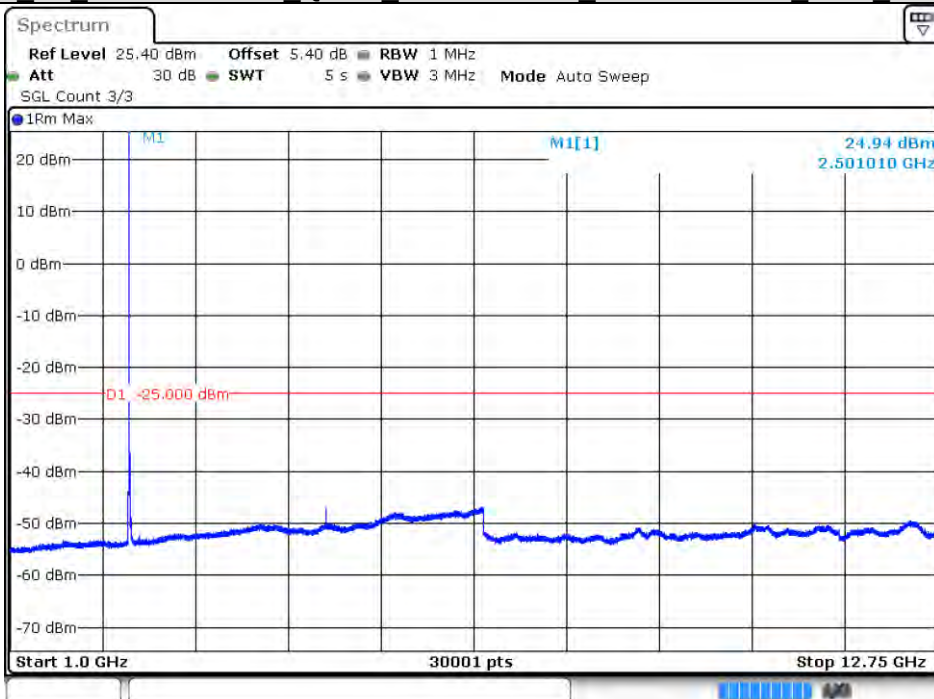
### 6.1 For LTE

#### 6.1.1 Test Band = LTE Band CA\_7C





CA 7C 100RB+100RB QPSK 21048+20850 1RB#0+0RB#0 1000 12750



Date: 20.FEB.2021 14:34:17

CA 7C 100RB+100RB QPSK 21048+20850 1RB#0+0RB#0 12750 30000



Date: 20.FEB.2021 14:39:56

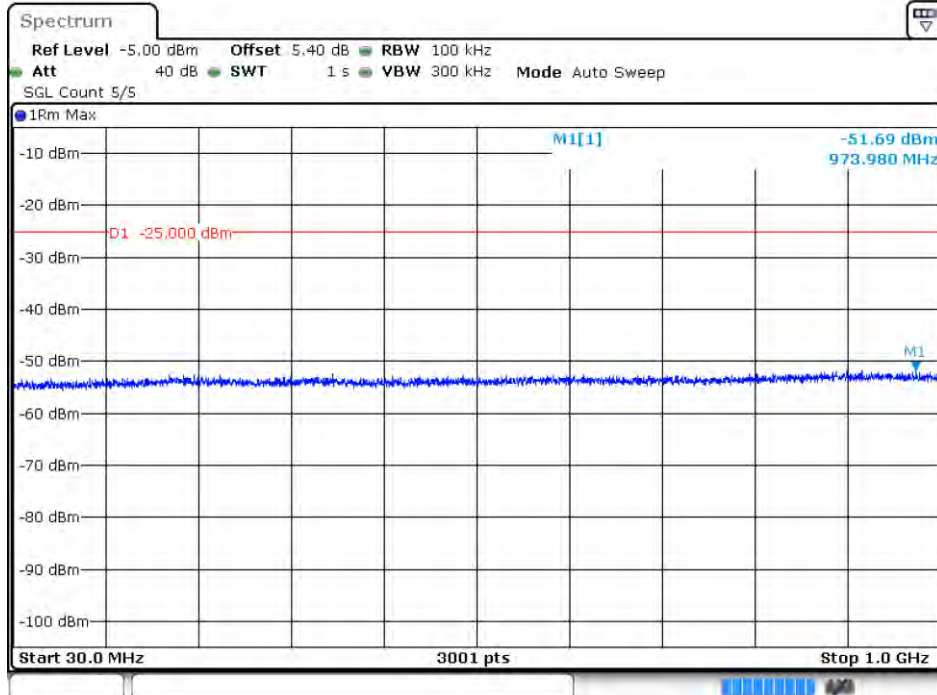


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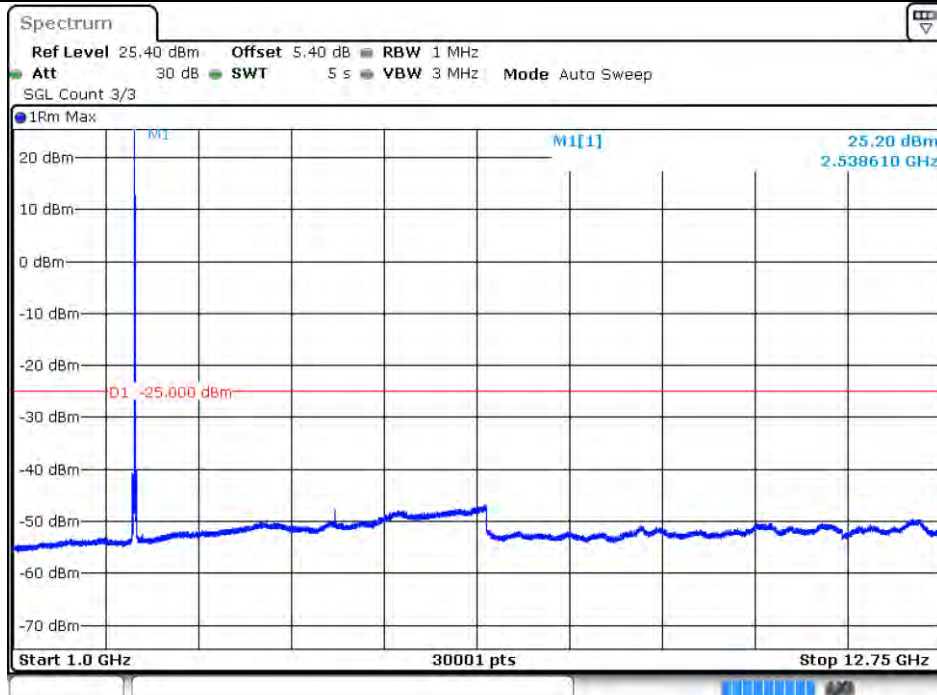
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Date: 20.FEB.2021 14:59:17



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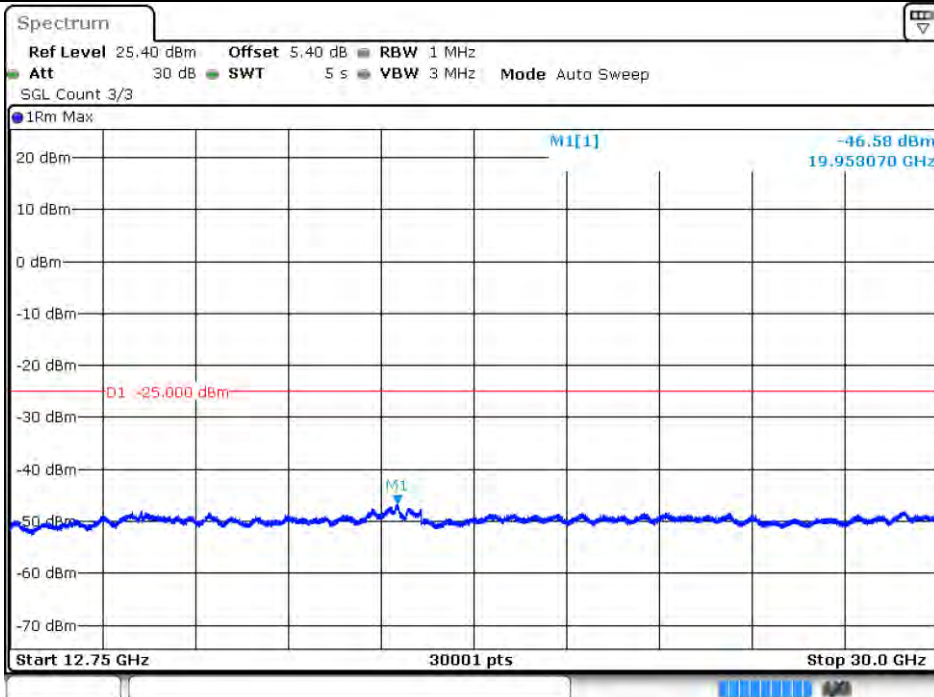
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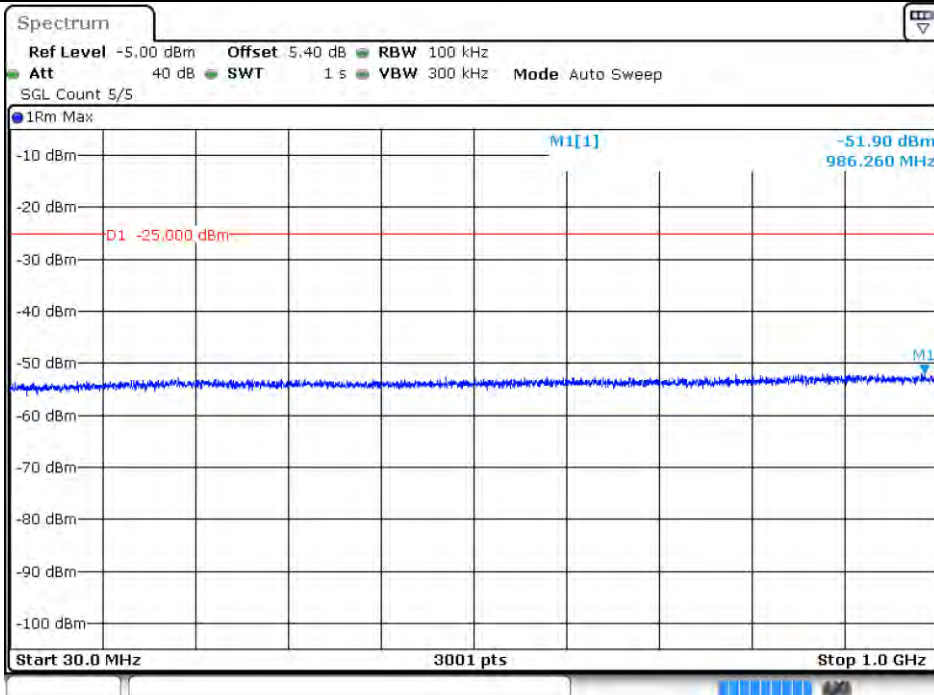


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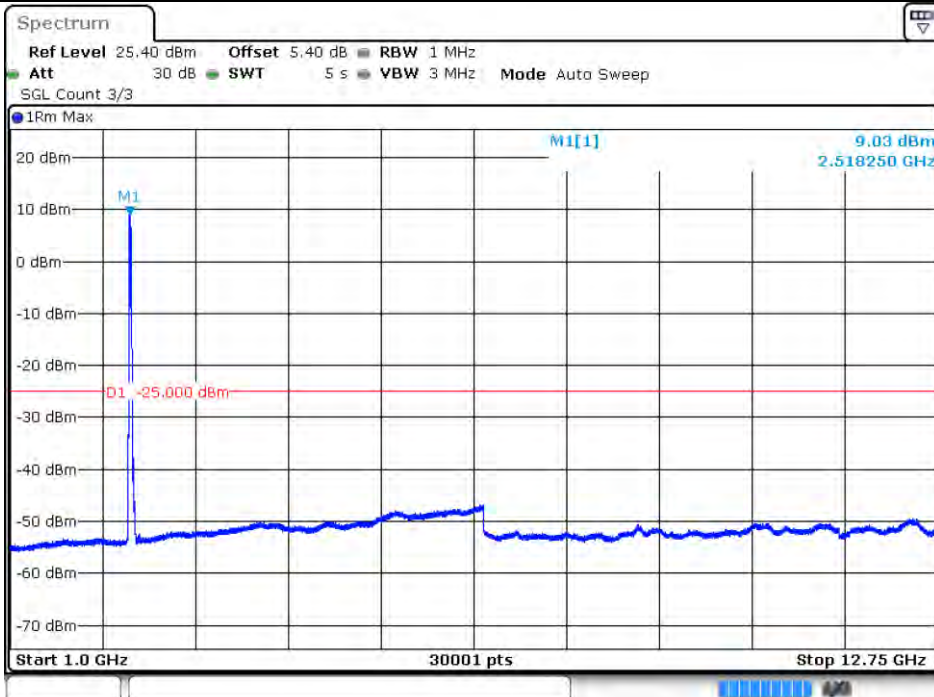
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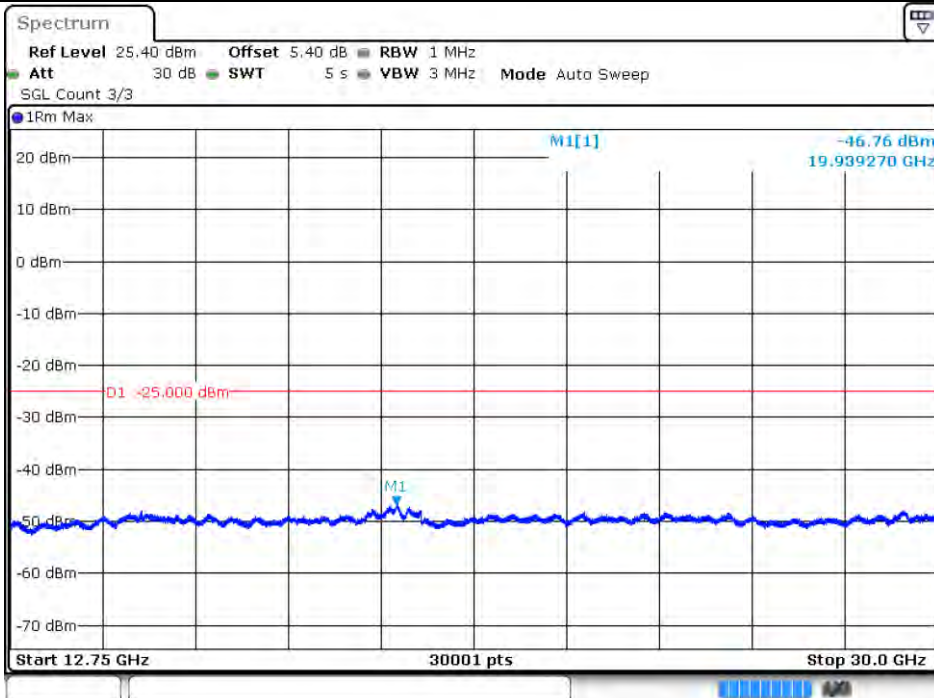
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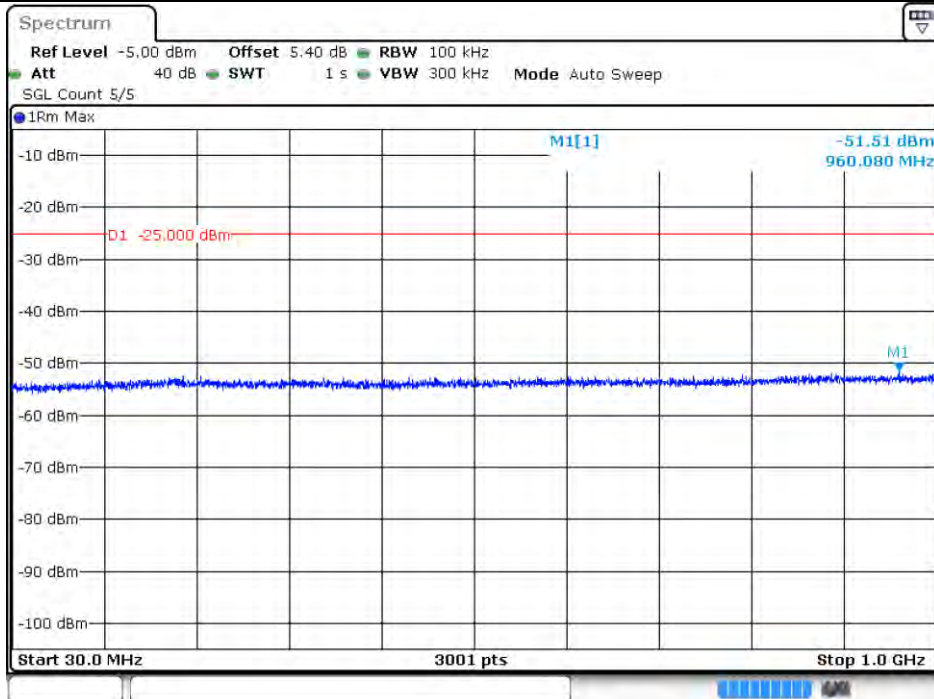
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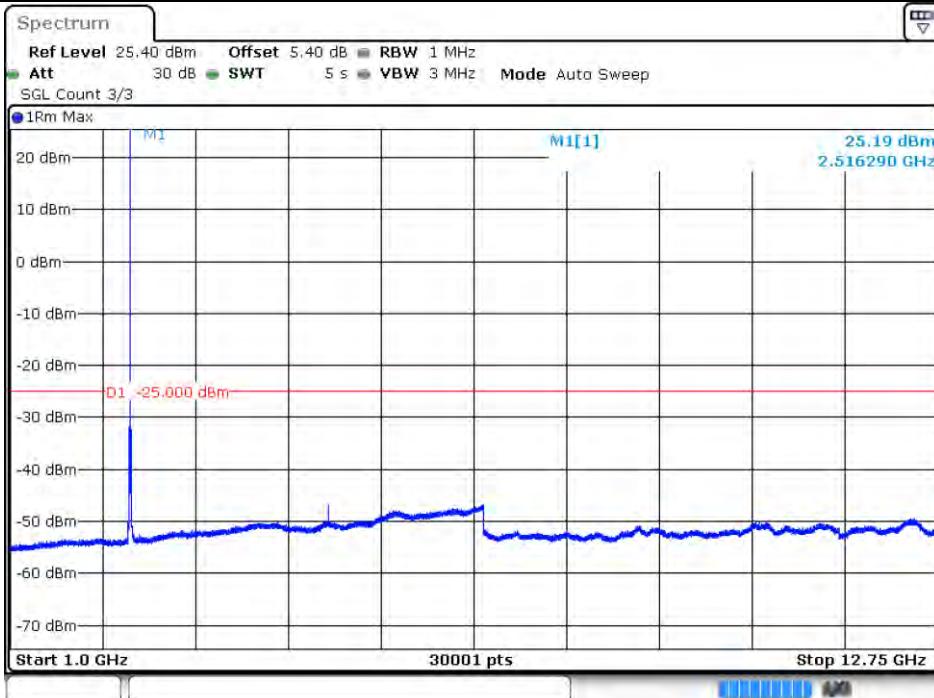


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Date: 20.FEB.2021 14:31:46

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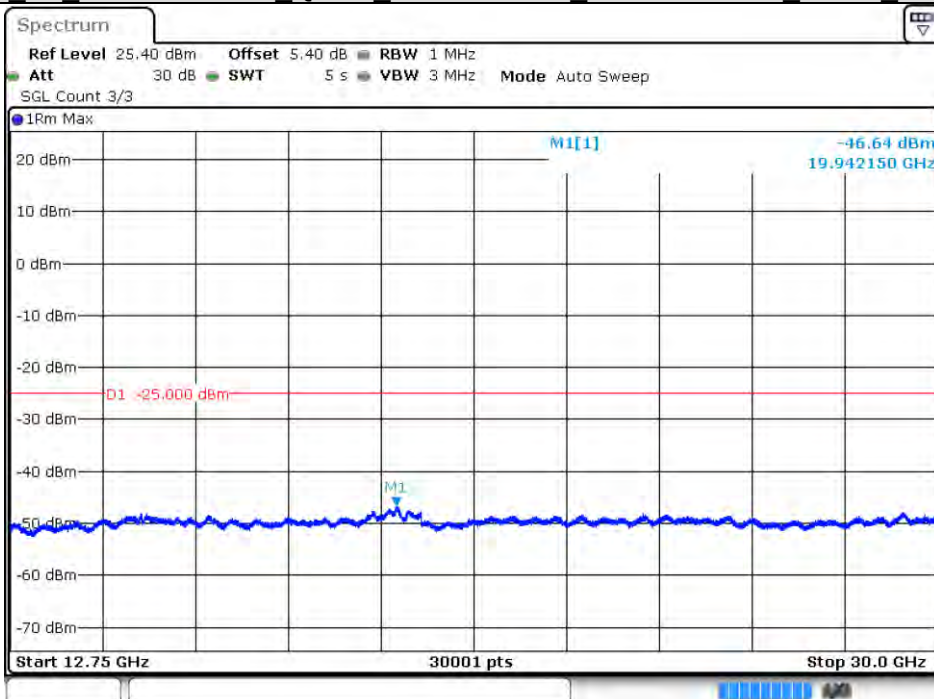
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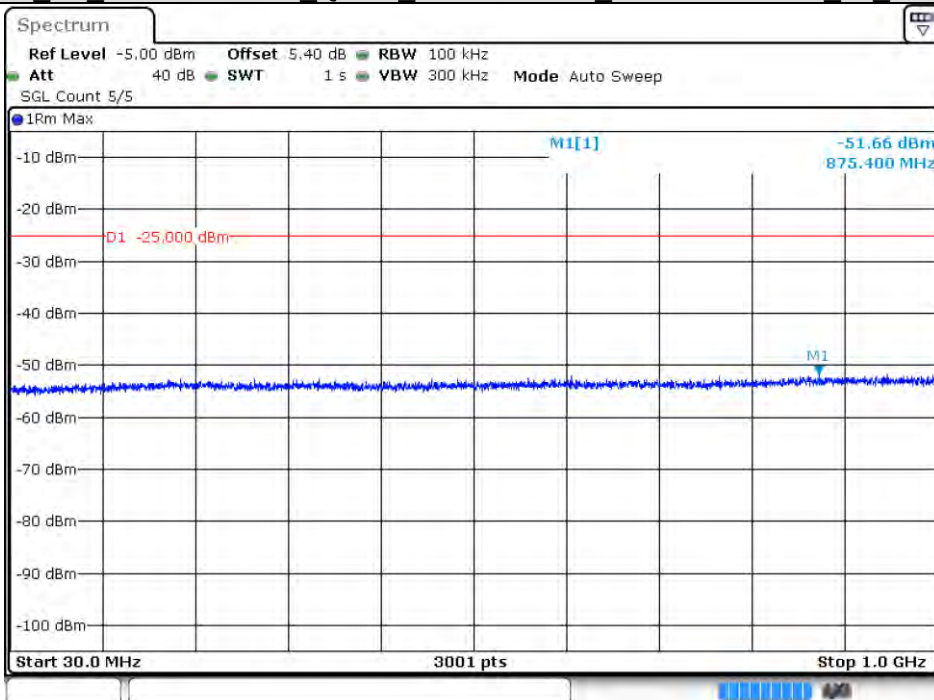


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Date: 20.FEB.2021 14:42:39

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Date: 20.FEB.2021 14:31:52



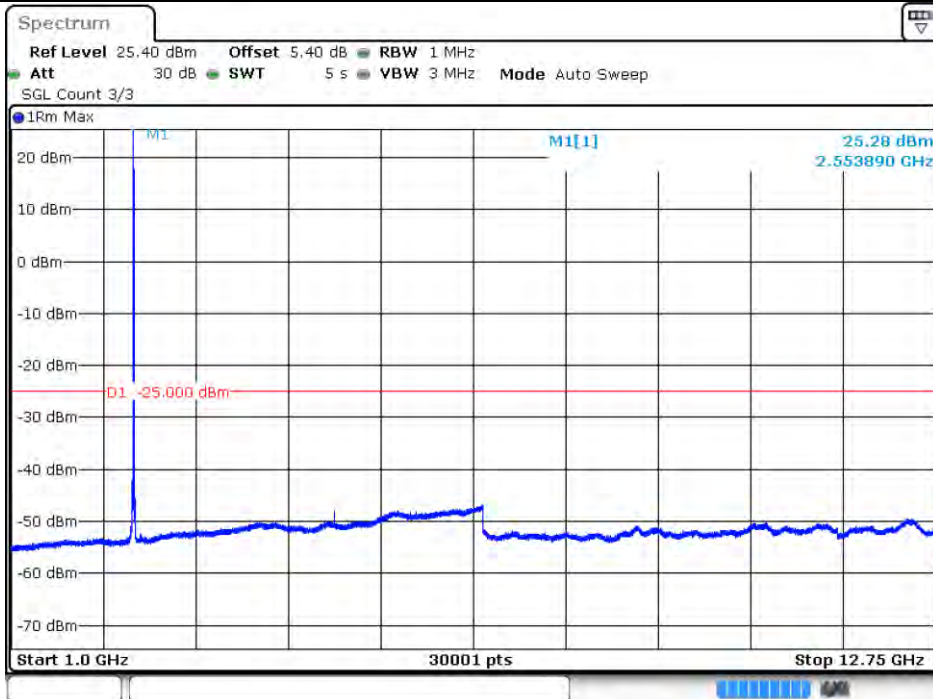
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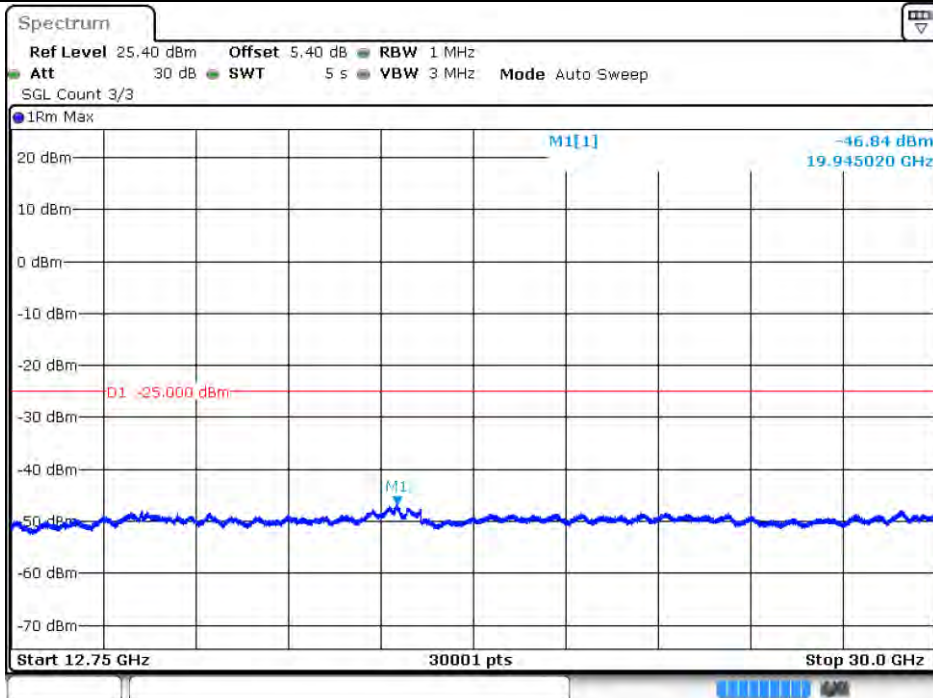
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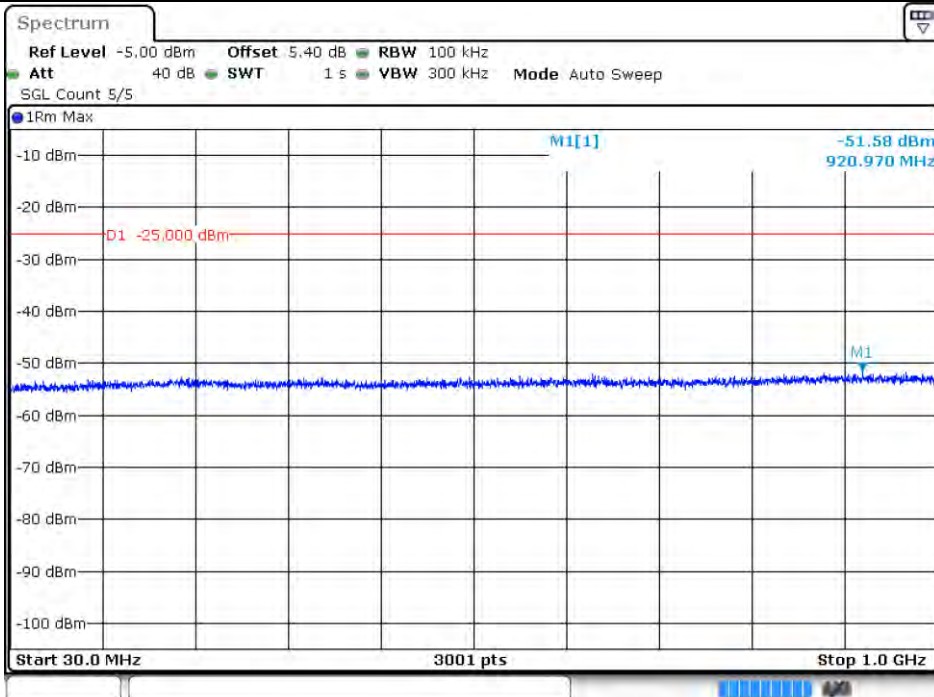
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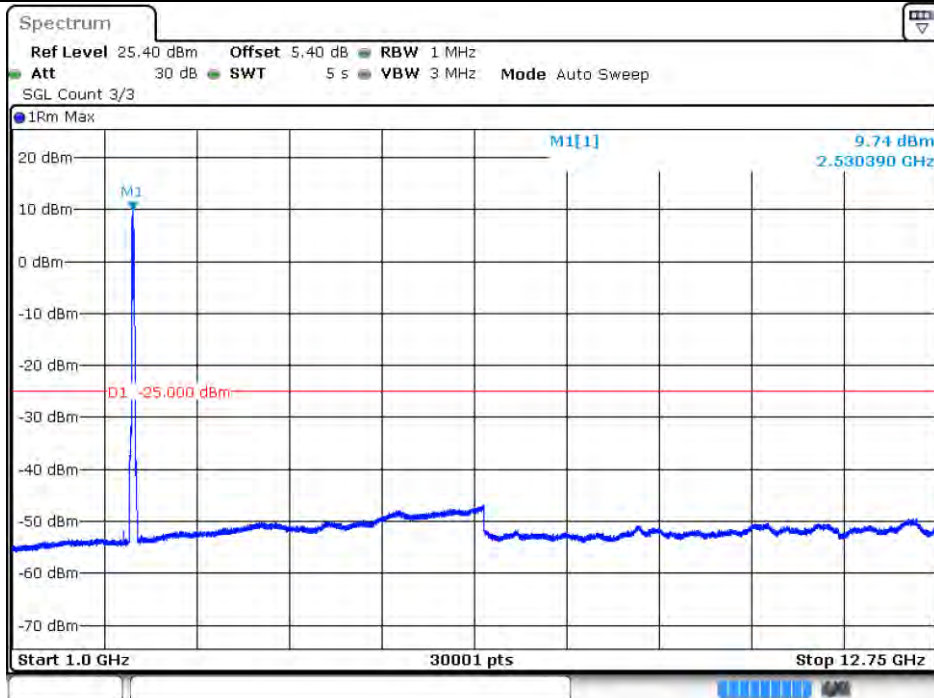


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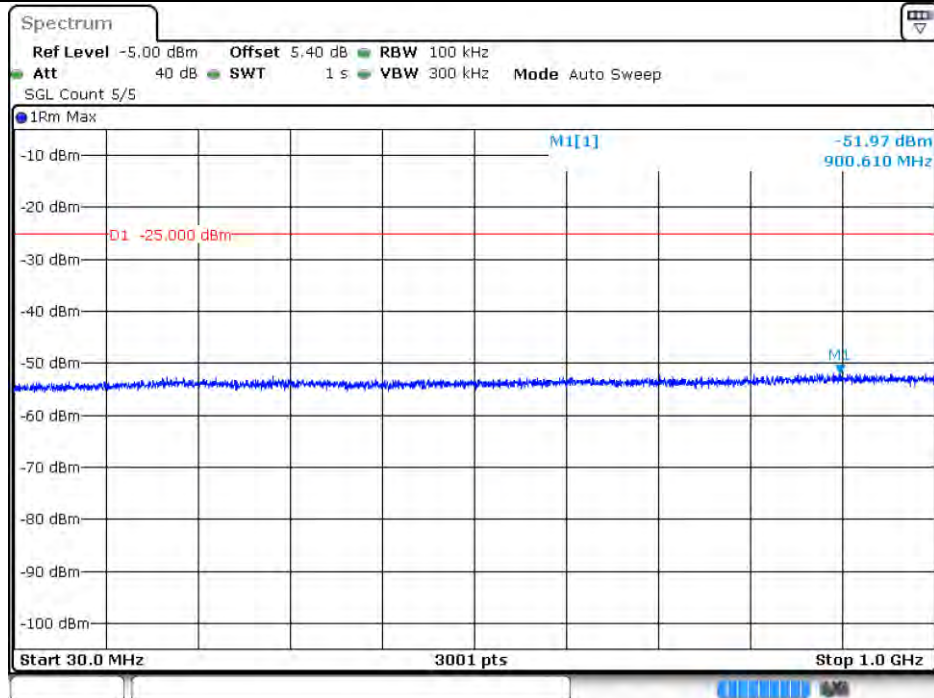


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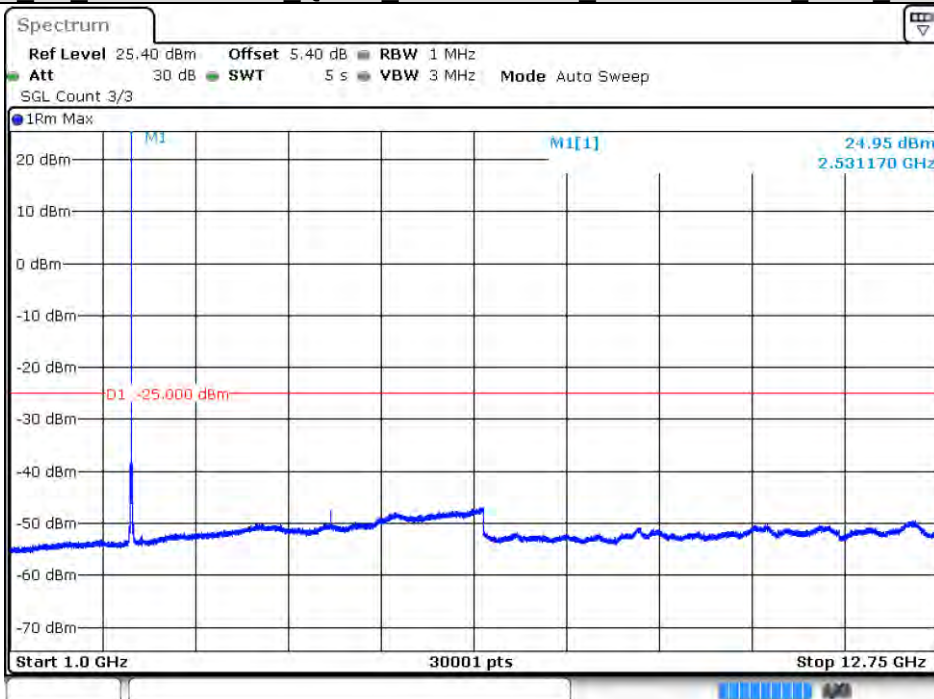
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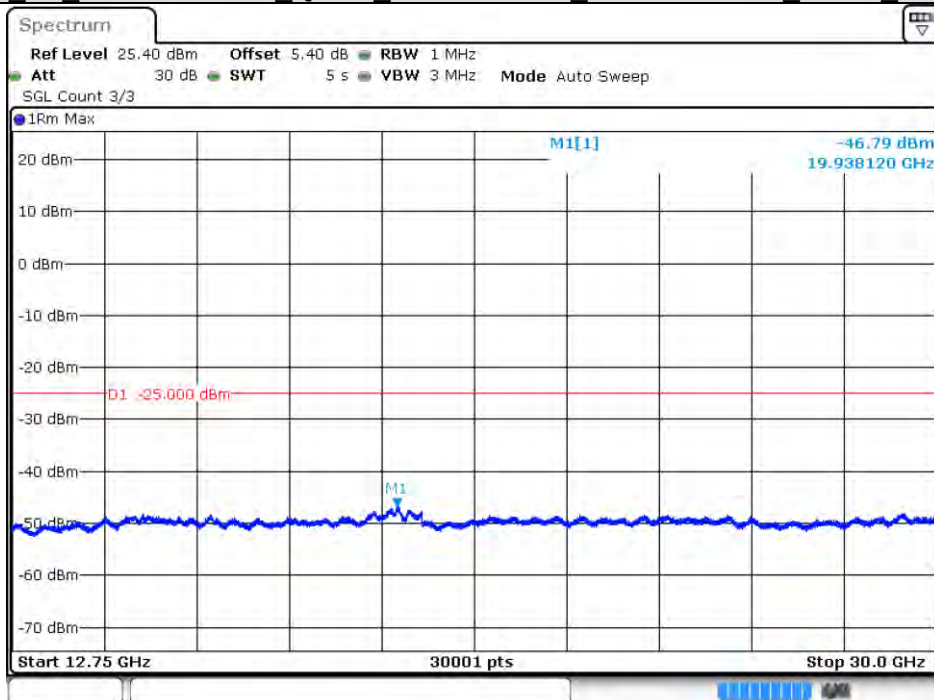


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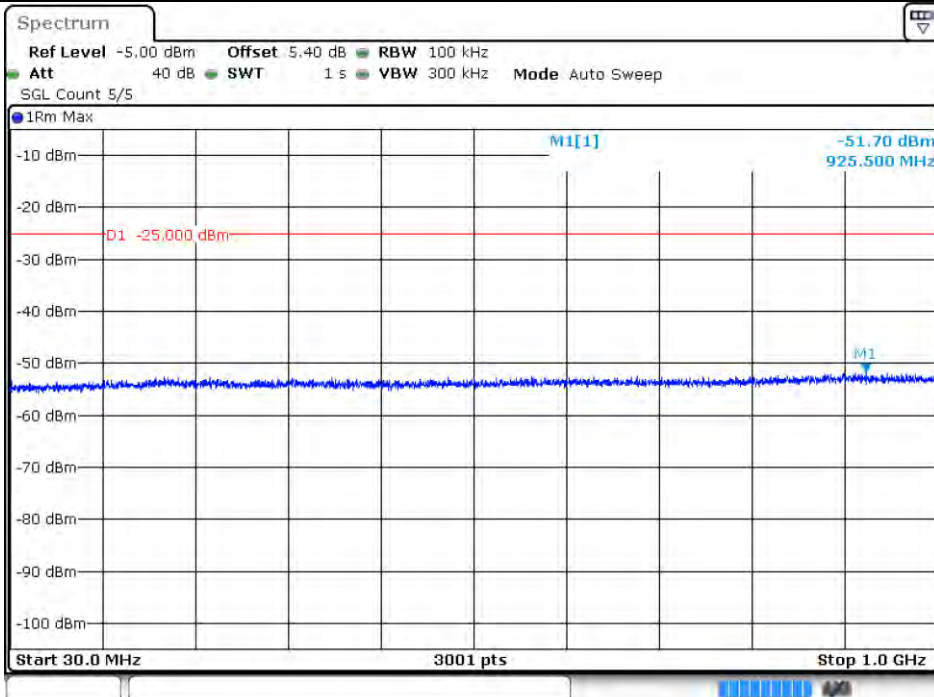


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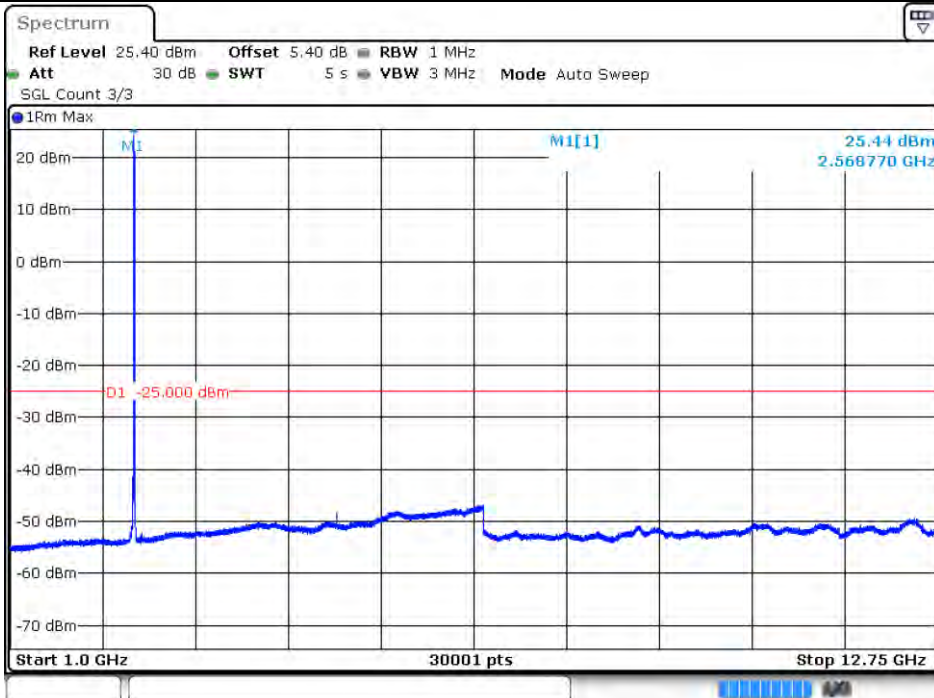
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CA 7C 100RB+100RB QPSK 21350+21152 0RB#0+1RB#99 30 1000



Date: 20.FEB.2021 14:32:55

CA 7C 100RB+100RB QPSK 21350+21152 0RB#0+1RB#99 1000 12750



Date: 20.FEB.2021 15:01:10



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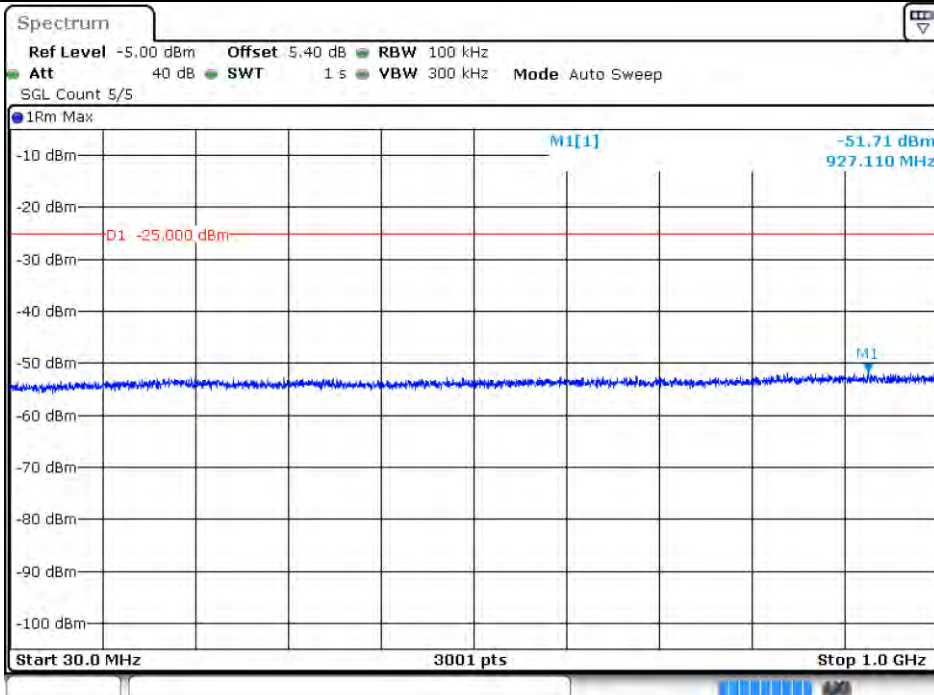


CA 7C 100RB+100RB QPSK 21350+21152 0RB#0+1RB#99 12750 30000



Date: 20.FEB.2021 14:45:35

CA 7C 100RB+100RB QPSK 21350+21152 100RB#0+100RB#0 30 1000



Date: 20.FEB.2021 14:33:01



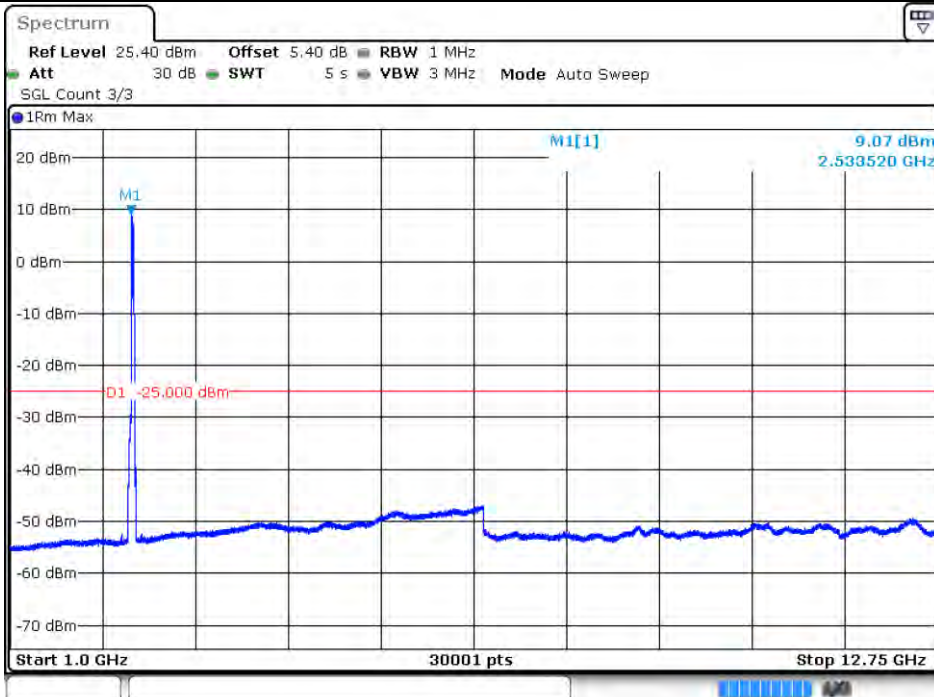
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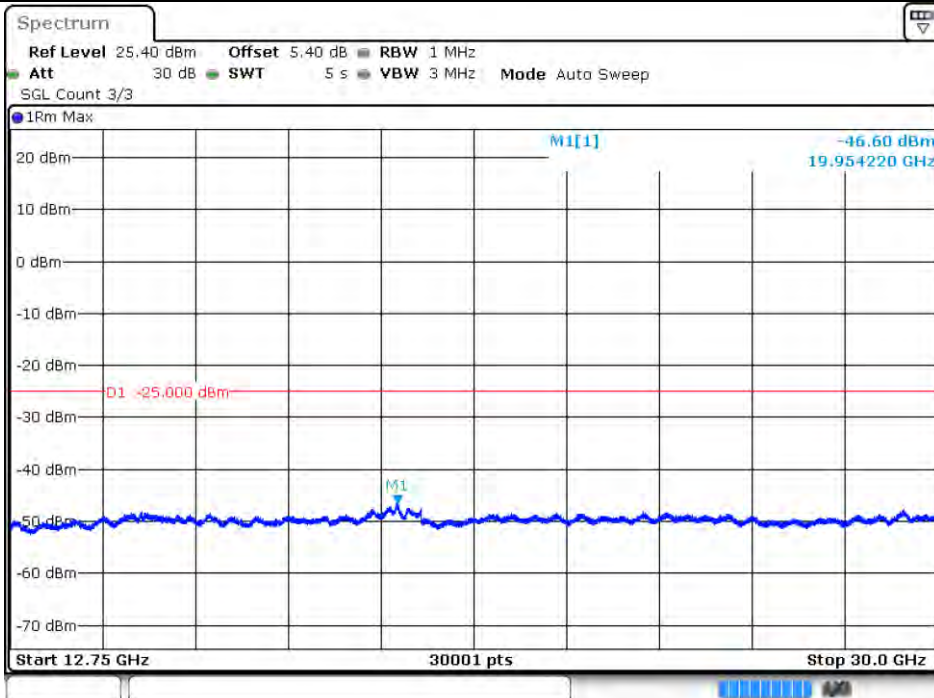
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CA 7C 100RB+100RB QPSK 21350+21152 100RB#0+100RB#0 1000 12750



Date: 20.FEB.2021 14:38:11

CA 7C 100RB+100RB QPSK 21350+21152 100RB#0+100RB#0 12750 30000



Date: 20.FEB.2021 14:45:52



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## 7 Field Strength of Spurious Radiation

### 7.1.1 Test Band = LTE Band CA\_7C (Ant4)

#### 7.1.1.1 Test Mode =LTE/QPSK

##### 7.1.1.1.1 Test Channel = LCH

| Frequency (MHz) | Level (dBm) | Limit Line (dBm) | Margin (dB) | Polarization |
|-----------------|-------------|------------------|-------------|--------------|
| 63.000000       | -72.27      | -25.00           | 47.27       | Vertical     |
| 119.200000      | -79.50      | -25.00           | 54.50       | Vertical     |
| 365.700000      | -75.27      | -25.00           | 50.27       | Vertical     |
| 5110.225000     | -56.09      | -25.00           | 31.09       | Vertical     |
| 7934.800000     | -52.08      | -25.00           | 27.08       | Vertical     |
| 10009.925000    | -52.44      | -25.00           | 27.44       | Vertical     |
| 55.600000       | -68.00      | -25.00           | 43.00       | Horizontal   |
| 104.300000      | -80.99      | -25.00           | 55.99       | Horizontal   |
| 271.700000      | -78.34      | -25.00           | 53.34       | Horizontal   |
| 5054.650000     | -55.75      | -25.00           | 30.75       | Horizontal   |
| 7450.550000     | -53.36      | -25.00           | 28.36       | Horizontal   |
| 10322.575000    | -51.99      | -25.00           | 26.99       | Horizontal   |

##### 7.1.1.1.2 Test Channel = MCH

| Frequency (MHz) | Level (dBm) | Limit Line (dBm) | Margin (dB) | Polarization |
|-----------------|-------------|------------------|-------------|--------------|
| 64.050000       | -71.90      | -25.00           | 46.90       | Vertical     |
| 121.700000      | -79.31      | -25.00           | 54.31       | Vertical     |
| 361.850000      | -76.46      | -25.00           | 51.46       | Vertical     |
| 5082.925000     | -56.10      | -25.00           | 31.10       | Vertical     |
| 7685.850000     | -53.37      | -25.00           | 28.37       | Vertical     |
| 10612.150000    | -51.34      | -25.00           | 26.34       | Vertical     |
| 57.250000       | -67.83      | -25.00           | 42.83       | Horizontal   |
| 104.200000      | -80.39      | -25.00           | 55.39       | Horizontal   |
| 267.950000      | -77.94      | -25.00           | 52.94       | Horizontal   |
| 4959.750000     | -55.19      | -25.00           | 30.19       | Horizontal   |
| 7811.950000     | -52.29      | -25.00           | 27.29       | Horizontal   |
| 10659.925000    | -51.88      | -25.00           | 26.88       | Horizontal   |



**7.1.1.1.3 Test Channel = HCH**

| Frequency (MHz) | Level (dBm) | Limit Line (dBm) | Margin (dB) | Polarization |
|-----------------|-------------|------------------|-------------|--------------|
| 64.200000       | -72.05      | -25.00           | 47.05       | Vertical     |
| 118.600000      | -78.87      | -25.00           | 53.87       | Vertical     |
| 314.950000      | -77.11      | -25.00           | 52.11       | Vertical     |
| 4983.150000     | -56.07      | -25.00           | 31.07       | Vertical     |
| 7765.800000     | -52.95      | -25.00           | 27.96       | Vertical     |
| 10592.325000    | -50.50      | -25.00           | 25.50       | Vertical     |
| 56.000000       | -67.85      | -25.00           | 42.85       | Horizontal   |
| 104.350000      | -80.57      | -25.00           | 55.57       | Horizontal   |
| 479.195833      | -75.24      | -25.00           | 50.24       | Horizontal   |
| 5124.200000     | -55.62      | -25.00           | 30.62       | Horizontal   |
| 7758.325000     | -52.73      | -25.00           | 27.73       | Horizontal   |
| 10642.375000    | -52.12      | -25.00           | 27.12       | Horizontal   |

**Remark:**

- 1 According to 971168 D01 Power Meas License Digital Systems, The amplitudes of unwanted emissions that are attenuated more than 20 dB below the applicable limit are not required to be reported.
- 2 The disturbance below 30MHz and above 12.75GHz was very low, and the above harmonics were the highest point could be found when testing, so only the worst case data displayed in this report.



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## 8 Frequency Stability

### 8.1 Frequency Error VS. Voltage

| Test Band | Test Mode | Test Channel | RB              | Test Temp. | Test Volt. | Freq. Error [Hz] | Freq. vs. rated [ppm] | Verdict |
|-----------|-----------|--------------|-----------------|------------|------------|------------------|-----------------------|---------|
|           |           |              | Config          |            |            |                  |                       |         |
| CA_7C     | QPSK      | 20850-21048  | 100RB#0/100RB#0 | TN         | NV         | -10.42           | -0.004159             | PASS    |
| CA_7C     | QPSK      | 21001-21199  | 100RB#0/100RB#0 | TN         | NV         | -12.32           | -0.004878             | PASS    |
| CA_7C     | QPSK      | 21152-21350  | 100RB#0/100RB#0 | TN         | NV         | 9.26             | 0.003647              | PASS    |
| CA_7C     | QPSK      | 21048-20850  | 100RB#0/100RB#0 | TN         | NV         | 14.19            | 0.005607              | PASS    |
| CA_7C     | QPSK      | 21199-21001  | 100RB#0/100RB#0 | TN         | NV         | 14.08            | 0.005534              | PASS    |
| CA_7C     | QPSK      | 21350-21152  | 100RB#0/100RB#0 | TN         | NV         | -13.14           | -0.005132             | PASS    |
| CA_7C     | 16QAM     | 20850-21048  | 100RB#0/100RB#0 | TN         | NV         | 13.20            | 0.005270              | PASS    |
| CA_7C     | 16QAM     | 21001-21199  | 100RB#0/100RB#0 | TN         | NV         | -5.72            | -0.002265             | PASS    |
| CA_7C     | 16QAM     | 21152-21350  | 100RB#0/100RB#0 | TN         | NV         | -1.68            | -0.000661             | PASS    |
| CA_7C     | 16QAM     | 21048-20850  | 100RB#0/100RB#0 | TN         | NV         | 1.71             | 0.000677              | PASS    |
| CA_7C     | 16QAM     | 21199-21001  | 100RB#0/100RB#0 | TN         | NV         | 2.82             | 0.001107              | PASS    |
| CA_7C     | 16QAM     | 21350-21152  | 100RB#0/100RB#0 | TN         | NV         | 12.92            | 0.005046              | PASS    |
| CA_7C     | 64QAM     | 20850-21048  | 100RB#0/100RB#0 | TN         | NV         | 14.01            | 0.005591              | PASS    |
| CA_7C     | 64QAM     | 21001-21199  | 100RB#0/100RB#0 | TN         | NV         | 9.86             | 0.003906              | PASS    |
| CA_7C     | 64QAM     | 21152-21350  | 100RB#0/100RB#0 | TN         | NV         | 10.72            | 0.004218              | PASS    |
| CA_7C     | 64QAM     | 21048-20850  | 100RB#0/100RB#0 | TN         | NV         | 0.85             | 0.000336              | PASS    |
| CA_7C     | 64QAM     | 21199-21001  | 100RB#0/100RB#0 | TN         | NV         | -12.99           | -0.005104             | PASS    |
| CA_7C     | 64QAM     | 21350-21152  | 100RB#0/100RB#0 | TN         | NV         | -13.61           | -0.005315             | PASS    |
| CA_7C     | 256QAM    | 20850-21048  | 100RB#0/100RB#0 | TN         | NV         | -8.50            | -0.003393             | PASS    |
| CA_7C     | 256QAM    | 21001-21199  | 100RB#0/100RB#0 | TN         | NV         | 5.27             | 0.002086              | PASS    |
| CA_7C     | 256QAM    | 21152-21350  | 100RB#0/100RB#0 | TN         | NV         | -8.48            | -0.003339             | PASS    |
| CA_7C     | 256QAM    | 21048-20850  | 100RB#0/100RB#0 | TN         | NV         | -14.08           | -0.005565             | PASS    |
| CA_7C     | 256QAM    | 21199-21001  | 100RB#0/100RB#0 | TN         | NV         | -12.57           | -0.004941             | PASS    |





|       |        |             |                 |    |    |       |           |      |
|-------|--------|-------------|-----------------|----|----|-------|-----------|------|
| CA_7C | 256QAM | 21350-21152 | 100RB#0/100RB#0 | TN | NV | -6.65 | -0.002596 | PASS |
|-------|--------|-------------|-----------------|----|----|-------|-----------|------|



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## 8.2 Frequency Error VS. Temperature

| Test Band | Test Mode | Test Channel | RB              | Test Volt. | Test Temp. | Freq. Error [Hz] | Freq. vs. rated [ppm] | Verdict |
|-----------|-----------|--------------|-----------------|------------|------------|------------------|-----------------------|---------|
|           |           |              | Config          |            |            |                  |                       |         |
| CA_7C     | QPSK      | 20850-21048  | 100RB#0/100RB#0 | NV         | -30        | -10.54           | -0.004207             | PASS    |
| CA_7C     | QPSK      | 20850-21048  | 100RB#0/100RB#0 | NV         | -20        | -5.65            | -0.002255             | PASS    |
| CA_7C     | QPSK      | 20850-21048  | 100RB#0/100RB#0 | NV         | -10        | 9.99             | 0.003985              | PASS    |
| CA_7C     | QPSK      | 20850-21048  | 100RB#0/100RB#0 | NV         | 0          | 9.17             | 0.003660              | PASS    |
| CA_7C     | QPSK      | 20850-21048  | 100RB#0/100RB#0 | NV         | 10         | 9.71             | 0.003874              | PASS    |
| CA_7C     | QPSK      | 20850-21048  | 100RB#0/100RB#0 | NV         | 20         | -7.63            | -0.003045             | PASS    |
| CA_7C     | QPSK      | 20850-21048  | 100RB#0/100RB#0 | NV         | 30         | 4.17             | 0.001664              | PASS    |
| CA_7C     | QPSK      | 20850-21048  | 100RB#0/100RB#0 | NV         | 40         | -13.35           | -0.005328             | PASS    |
| CA_7C     | QPSK      | 20850-21048  | 100RB#0/100RB#0 | NV         | 50         | 13.85            | 0.005527              | PASS    |
| CA_7C     | QPSK      | 21001-21199  | 100RB#0/100RB#0 | NV         | -30        | 11.94            | 0.004727              | PASS    |
| CA_7C     | QPSK      | 21001-21199  | 100RB#0/100RB#0 | NV         | -20        | 14.63            | 0.005796              | PASS    |
| CA_7C     | QPSK      | 21001-21199  | 100RB#0/100RB#0 | NV         | -10        | -3.73            | -0.001476             | PASS    |
| CA_7C     | QPSK      | 21001-21199  | 100RB#0/100RB#0 | NV         | 0          | 2.97             | 0.001176              | PASS    |
| CA_7C     | QPSK      | 21001-21199  | 100RB#0/100RB#0 | NV         | 10         | 9.57             | 0.003788              | PASS    |
| CA_7C     | QPSK      | 21001-21199  | 100RB#0/100RB#0 | NV         | 20         | -8.34            | -0.003303             | PASS    |
| CA_7C     | QPSK      | 21001-21199  | 100RB#0/100RB#0 | NV         | 30         | 5.63             | 0.002228              | PASS    |
| CA_7C     | QPSK      | 21001-21199  | 100RB#0/100RB#0 | NV         | 40         | 13.18            | 0.005220              | PASS    |
| CA_7C     | QPSK      | 21001-21199  | 100RB#0/100RB#0 | NV         | 50         | -2.98            | -0.001181             | PASS    |
| CA_7C     | QPSK      | 21152-21350  | 100RB#0/100RB#0 | NV         | -30        | -13.65           | -0.005375             | PASS    |
| CA_7C     | QPSK      | 21152-21350  | 100RB#0/100RB#0 | NV         | -20        | -7.47            | -0.002941             | PASS    |
| CA_7C     | QPSK      | 21152-21350  | 100RB#0/100RB#0 | NV         | -10        | -4.16            | -0.001636             | PASS    |
| CA_7C     | QPSK      | 21152-21350  | 100RB#0/100RB#0 | NV         | 0          | 6.38             | 0.002510              | PASS    |
| CA_7C     | QPSK      | 21152-21350  | 100RB#0/100RB#0 | NV         | 10         | 2.43             | 0.000958              | PASS    |
| CA_7C     | QPSK      | 21152-21350  | 100RB#0/100RB#0 | NV         | 20         | -2.26            | -0.000889             | PASS    |



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|-------|------|-------------|-----------------|----|-----|--------|-----------|------|
| CA_7C | QPSK | 21152-21350 | 100RB#0/100RB#0 | NV | 30  | -0.20  | -0.000080 | PASS |
| CA_7C | QPSK | 21152-21350 | 100RB#0/100RB#0 | NV | 40  | 13.21  | 0.005200  | PASS |
| CA_7C | QPSK | 21152-21350 | 100RB#0/100RB#0 | NV | 50  | -8.16  | -0.003211 | PASS |
| CA_7C | QPSK | 21048-20850 | 100RB#0/100RB#0 | NV | -30 | -14.64 | -0.005786 | PASS |
| CA_7C | QPSK | 21048-20850 | 100RB#0/100RB#0 | NV | -20 | -14.27 | -0.005641 | PASS |
| CA_7C | QPSK | 21048-20850 | 100RB#0/100RB#0 | NV | -10 | -14.67 | -0.005800 | PASS |
| CA_7C | QPSK | 21048-20850 | 100RB#0/100RB#0 | NV | 0   | -3.26  | -0.001288 | PASS |
| CA_7C | QPSK | 21048-20850 | 100RB#0/100RB#0 | NV | 10  | -13.27 | -0.005245 | PASS |
| CA_7C | QPSK | 21048-20850 | 100RB#0/100RB#0 | NV | 20  | -7.56  | -0.002988 | PASS |
| CA_7C | QPSK | 21048-20850 | 100RB#0/100RB#0 | NV | 30  | -12.88 | -0.005093 | PASS |
| CA_7C | QPSK | 21048-20850 | 100RB#0/100RB#0 | NV | 40  | -6.49  | -0.002566 | PASS |
| CA_7C | QPSK | 21048-20850 | 100RB#0/100RB#0 | NV | 50  | -6.52  | -0.002575 | PASS |
| CA_7C | QPSK | 21199-21001 | 100RB#0/100RB#0 | NV | -30 | -7.15  | -0.002810 | PASS |
| CA_7C | QPSK | 21199-21001 | 100RB#0/100RB#0 | NV | -20 | -8.70  | -0.003417 | PASS |
| CA_7C | QPSK | 21199-21001 | 100RB#0/100RB#0 | NV | -10 | 5.58   | 0.002193  | PASS |
| CA_7C | QPSK | 21199-21001 | 100RB#0/100RB#0 | NV | 0   | 14.04  | 0.005515  | PASS |
| CA_7C | QPSK | 21199-21001 | 100RB#0/100RB#0 | NV | 10  | -0.99  | -0.000387 | PASS |
| CA_7C | QPSK | 21199-21001 | 100RB#0/100RB#0 | NV | 20  | -2.92  | -0.001147 | PASS |
| CA_7C | QPSK | 21199-21001 | 100RB#0/100RB#0 | NV | 30  | -5.47  | -0.002148 | PASS |
| CA_7C | QPSK | 21199-21001 | 100RB#0/100RB#0 | NV | 40  | -7.89  | -0.003102 | PASS |
| CA_7C | QPSK | 21199-21001 | 100RB#0/100RB#0 | NV | 50  | -5.70  | -0.002241 | PASS |
| CA_7C | QPSK | 21350-21152 | 100RB#0/100RB#0 | NV | -30 | 12.65  | 0.004943  | PASS |
| CA_7C | QPSK | 21350-21152 | 100RB#0/100RB#0 | NV | -20 | 12.41  | 0.004847  | PASS |
| CA_7C | QPSK | 21350-21152 | 100RB#0/100RB#0 | NV | -10 | -14.21 | -0.005550 | PASS |
| CA_7C | QPSK | 21350-21152 | 100RB#0/100RB#0 | NV | 0   | -14.37 | -0.005613 | PASS |
| CA_7C | QPSK | 21350-21152 | 100RB#0/100RB#0 | NV | 10  | -11.18 | -0.004368 | PASS |



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|       |       |             |                 |    |     |        |           |      |
|-------|-------|-------------|-----------------|----|-----|--------|-----------|------|
| CA_7C | QPSK  | 21350-21152 | 100RB#0/100RB#0 | NV | 20  | -3.01  | -0.001177 | PASS |
| CA_7C | QPSK  | 21350-21152 | 100RB#0/100RB#0 | NV | 30  | 11.86  | 0.004631  | PASS |
| CA_7C | QPSK  | 21350-21152 | 100RB#0/100RB#0 | NV | 40  | 14.53  | 0.005678  | PASS |
| CA_7C | QPSK  | 21350-21152 | 100RB#0/100RB#0 | NV | 50  | -5.21  | -0.002035 | PASS |
| CA_7C | 16QAM | 20850-21048 | 100RB#0/100RB#0 | NV | -30 | 5.60   | 0.002237  | PASS |
| CA_7C | 16QAM | 20850-21048 | 100RB#0/100RB#0 | NV | -20 | 6.58   | 0.002628  | PASS |
| CA_7C | 16QAM | 20850-21048 | 100RB#0/100RB#0 | NV | -10 | -5.13  | -0.002048 | PASS |
| CA_7C | 16QAM | 20850-21048 | 100RB#0/100RB#0 | NV | 0   | -9.21  | -0.003674 | PASS |
| CA_7C | 16QAM | 20850-21048 | 100RB#0/100RB#0 | NV | 10  | 6.46   | 0.002579  | PASS |
| CA_7C | 16QAM | 20850-21048 | 100RB#0/100RB#0 | NV | 20  | 6.44   | 0.002569  | PASS |
| CA_7C | 16QAM | 20850-21048 | 100RB#0/100RB#0 | NV | 30  | -1.30  | -0.000519 | PASS |
| CA_7C | 16QAM | 20850-21048 | 100RB#0/100RB#0 | NV | 40  | -7.58  | -0.003027 | PASS |
| CA_7C | 16QAM | 20850-21048 | 100RB#0/100RB#0 | NV | 50  | 13.14  | 0.005244  | PASS |
| CA_7C | 16QAM | 21001-21199 | 100RB#0/100RB#0 | NV | -30 | 0.68   | 0.000271  | PASS |
| CA_7C | 16QAM | 21001-21199 | 100RB#0/100RB#0 | NV | -20 | -9.96  | -0.003946 | PASS |
| CA_7C | 16QAM | 21001-21199 | 100RB#0/100RB#0 | NV | -10 | -14.96 | -0.005926 | PASS |
| CA_7C | 16QAM | 21001-21199 | 100RB#0/100RB#0 | NV | 0   | 7.45   | 0.002950  | PASS |
| CA_7C | 16QAM | 21001-21199 | 100RB#0/100RB#0 | NV | 10  | -7.05  | -0.002792 | PASS |
| CA_7C | 16QAM | 21001-21199 | 100RB#0/100RB#0 | NV | 20  | -11.97 | -0.004739 | PASS |
| CA_7C | 16QAM | 21001-21199 | 100RB#0/100RB#0 | NV | 30  | 11.41  | 0.004519  | PASS |
| CA_7C | 16QAM | 21001-21199 | 100RB#0/100RB#0 | NV | 40  | 13.00  | 0.005146  | PASS |
| CA_7C | 16QAM | 21001-21199 | 100RB#0/100RB#0 | NV | 50  | -5.34  | -0.002115 | PASS |
| CA_7C | 16QAM | 21152-21350 | 100RB#0/100RB#0 | NV | -30 | -8.53  | -0.003358 | PASS |
| CA_7C | 16QAM | 21152-21350 | 100RB#0/100RB#0 | NV | -20 | 14.27  | 0.005618  | PASS |
| CA_7C | 16QAM | 21152-21350 | 100RB#0/100RB#0 | NV | -10 | 10.13  | 0.003988  | PASS |
| CA_7C | 16QAM | 21152-21350 | 100RB#0/100RB#0 | NV | 0   | 12.74  | 0.005015  | PASS |



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|       |       |             |                 |    |     |        |           |      |
|-------|-------|-------------|-----------------|----|-----|--------|-----------|------|
| CA_7C | 16QAM | 21152-21350 | 100RB#0/100RB#0 | NV | 10  | -7.96  | -0.003134 | PASS |
| CA_7C | 16QAM | 21152-21350 | 100RB#0/100RB#0 | NV | 20  | 10.08  | 0.003968  | PASS |
| CA_7C | 16QAM | 21152-21350 | 100RB#0/100RB#0 | NV | 30  | 3.50   | 0.001377  | PASS |
| CA_7C | 16QAM | 21152-21350 | 100RB#0/100RB#0 | NV | 40  | 10.66  | 0.004195  | PASS |
| CA_7C | 16QAM | 21152-21350 | 100RB#0/100RB#0 | NV | 50  | -6.46  | -0.002542 | PASS |
| CA_7C | 16QAM | 21048-20850 | 100RB#0/100RB#0 | NV | -30 | 10.97  | 0.004334  | PASS |
| CA_7C | 16QAM | 21048-20850 | 100RB#0/100RB#0 | NV | -20 | -5.69  | -0.002249 | PASS |
| CA_7C | 16QAM | 21048-20850 | 100RB#0/100RB#0 | NV | -10 | 14.11  | 0.005577  | PASS |
| CA_7C | 16QAM | 21048-20850 | 100RB#0/100RB#0 | NV | 0   | 3.04   | 0.001200  | PASS |
| CA_7C | 16QAM | 21048-20850 | 100RB#0/100RB#0 | NV | 10  | -13.63 | -0.005389 | PASS |
| CA_7C | 16QAM | 21048-20850 | 100RB#0/100RB#0 | NV | 20  | 0.24   | 0.000094  | PASS |
| CA_7C | 16QAM | 21048-20850 | 100RB#0/100RB#0 | NV | 30  | -0.34  | -0.000132 | PASS |
| CA_7C | 16QAM | 21048-20850 | 100RB#0/100RB#0 | NV | 40  | 10.62  | 0.004200  | PASS |
| CA_7C | 16QAM | 21048-20850 | 100RB#0/100RB#0 | NV | 50  | 8.40   | 0.003319  | PASS |
| CA_7C | 16QAM | 21199-21001 | 100RB#0/100RB#0 | NV | -30 | -2.43  | -0.000955 | PASS |
| CA_7C | 16QAM | 21199-21001 | 100RB#0/100RB#0 | NV | -20 | -10.07 | -0.003958 | PASS |
| CA_7C | 16QAM | 21199-21001 | 100RB#0/100RB#0 | NV | -10 | 13.63  | 0.005356  | PASS |
| CA_7C | 16QAM | 21199-21001 | 100RB#0/100RB#0 | NV | 0   | 4.09   | 0.001608  | PASS |
| CA_7C | 16QAM | 21199-21001 | 100RB#0/100RB#0 | NV | 10  | -7.26  | -0.002852 | PASS |
| CA_7C | 16QAM | 21199-21001 | 100RB#0/100RB#0 | NV | 20  | 12.16  | 0.004779  | PASS |
| CA_7C | 16QAM | 21199-21001 | 100RB#0/100RB#0 | NV | 30  | 10.66  | 0.004188  | PASS |
| CA_7C | 16QAM | 21199-21001 | 100RB#0/100RB#0 | NV | 40  | 14.96  | 0.005880  | PASS |
| CA_7C | 16QAM | 21199-21001 | 100RB#0/100RB#0 | NV | 50  | -14.97 | -0.005881 | PASS |
| CA_7C | 16QAM | 21350-21152 | 100RB#0/100RB#0 | NV | -30 | -5.23  | -0.002044 | PASS |
| CA_7C | 16QAM | 21350-21152 | 100RB#0/100RB#0 | NV | -20 | 5.68   | 0.002219  | PASS |
| CA_7C | 16QAM | 21350-21152 | 100RB#0/100RB#0 | NV | -10 | 10.17  | 0.003971  | PASS |



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|       |       |             |                 |    |     |        |           |      |
|-------|-------|-------------|-----------------|----|-----|--------|-----------|------|
| CA_7C | 16QAM | 21350-21152 | 100RB#0/100RB#0 | NV | 0   | -10.28 | -0.004015 | PASS |
| CA_7C | 16QAM | 21350-21152 | 100RB#0/100RB#0 | NV | 10  | -1.60  | -0.000627 | PASS |
| CA_7C | 16QAM | 21350-21152 | 100RB#0/100RB#0 | NV | 20  | 2.44   | 0.000954  | PASS |
| CA_7C | 16QAM | 21350-21152 | 100RB#0/100RB#0 | NV | 30  | -6.22  | -0.002431 | PASS |
| CA_7C | 16QAM | 21350-21152 | 100RB#0/100RB#0 | NV | 40  | 8.95   | 0.003495  | PASS |
| CA_7C | 16QAM | 21350-21152 | 100RB#0/100RB#0 | NV | 50  | 8.35   | 0.003263  | PASS |
| CA_7C | 64QAM | 20850-21048 | 100RB#0/100RB#0 | NV | -30 | -6.52  | -0.002604 | PASS |
| CA_7C | 64QAM | 20850-21048 | 100RB#0/100RB#0 | NV | -20 | -8.76  | -0.003497 | PASS |
| CA_7C | 64QAM | 20850-21048 | 100RB#0/100RB#0 | NV | -10 | -11.46 | -0.004572 | PASS |
| CA_7C | 64QAM | 20850-21048 | 100RB#0/100RB#0 | NV | 0   | -0.27  | -0.000108 | PASS |
| CA_7C | 64QAM | 20850-21048 | 100RB#0/100RB#0 | NV | 10  | -12.89 | -0.005145 | PASS |
| CA_7C | 64QAM | 20850-21048 | 100RB#0/100RB#0 | NV | 20  | -10.65 | -0.004251 | PASS |
| CA_7C | 64QAM | 20850-21048 | 100RB#0/100RB#0 | NV | 30  | 14.58  | 0.005820  | PASS |
| CA_7C | 64QAM | 20850-21048 | 100RB#0/100RB#0 | NV | 40  | -1.24  | -0.000496 | PASS |
| CA_7C | 64QAM | 20850-21048 | 100RB#0/100RB#0 | NV | 50  | -12.95 | -0.005169 | PASS |
| CA_7C | 64QAM | 21001-21199 | 100RB#0/100RB#0 | NV | -30 | 8.46   | 0.003350  | PASS |
| CA_7C | 64QAM | 21001-21199 | 100RB#0/100RB#0 | NV | -20 | -13.05 | -0.005170 | PASS |
| CA_7C | 64QAM | 21001-21199 | 100RB#0/100RB#0 | NV | -10 | -6.12  | -0.002424 | PASS |
| CA_7C | 64QAM | 21001-21199 | 100RB#0/100RB#0 | NV | 0   | 10.46  | 0.004143  | PASS |
| CA_7C | 64QAM | 21001-21199 | 100RB#0/100RB#0 | NV | 10  | 0.89   | 0.000351  | PASS |
| CA_7C | 64QAM | 21001-21199 | 100RB#0/100RB#0 | NV | 20  | -9.99  | -0.003957 | PASS |
| CA_7C | 64QAM | 21001-21199 | 100RB#0/100RB#0 | NV | 30  | -14.65 | -0.005801 | PASS |
| CA_7C | 64QAM | 21001-21199 | 100RB#0/100RB#0 | NV | 40  | 14.65  | 0.005803  | PASS |
| CA_7C | 64QAM | 21001-21199 | 100RB#0/100RB#0 | NV | 50  | 10.12  | 0.004009  | PASS |
| CA_7C | 64QAM | 21152-21350 | 100RB#0/100RB#0 | NV | -30 | -4.64  | -0.001825 | PASS |
| CA_7C | 64QAM | 21152-21350 | 100RB#0/100RB#0 | NV | -20 | 5.35   | 0.002108  | PASS |





|       |       |             |                 |    |     |        |           |      |
|-------|-------|-------------|-----------------|----|-----|--------|-----------|------|
| CA_7C | 64QAM | 21152-21350 | 100RB#0/100RB#0 | NV | -10 | 8.66   | 0.003410  | PASS |
| CA_7C | 64QAM | 21152-21350 | 100RB#0/100RB#0 | NV | 0   | 8.23   | 0.003241  | PASS |
| CA_7C | 64QAM | 21152-21350 | 100RB#0/100RB#0 | NV | 10  | -11.70 | -0.004604 | PASS |
| CA_7C | 64QAM | 21152-21350 | 100RB#0/100RB#0 | NV | 20  | 0.09   | 0.000034  | PASS |
| CA_7C | 64QAM | 21152-21350 | 100RB#0/100RB#0 | NV | 30  | 1.93   | 0.000760  | PASS |
| CA_7C | 64QAM | 21152-21350 | 100RB#0/100RB#0 | NV | 40  | 8.98   | 0.003535  | PASS |
| CA_7C | 64QAM | 21152-21350 | 100RB#0/100RB#0 | NV | 50  | -4.96  | -0.001951 | PASS |
| CA_7C | 64QAM | 21048-20850 | 100RB#0/100RB#0 | NV | -30 | 6.49   | 0.002564  | PASS |
| CA_7C | 64QAM | 21048-20850 | 100RB#0/100RB#0 | NV | -20 | -3.57  | -0.001412 | PASS |
| CA_7C | 64QAM | 21048-20850 | 100RB#0/100RB#0 | NV | -10 | -0.44  | -0.000176 | PASS |
| CA_7C | 64QAM | 21048-20850 | 100RB#0/100RB#0 | NV | 0   | -3.26  | -0.001288 | PASS |
| CA_7C | 64QAM | 21048-20850 | 100RB#0/100RB#0 | NV | 10  | -6.15  | -0.002432 | PASS |
| CA_7C | 64QAM | 21048-20850 | 100RB#0/100RB#0 | NV | 20  | 12.04  | 0.004759  | PASS |
| CA_7C | 64QAM | 21048-20850 | 100RB#0/100RB#0 | NV | 30  | -0.62  | -0.000246 | PASS |
| CA_7C | 64QAM | 21048-20850 | 100RB#0/100RB#0 | NV | 40  | -9.15  | -0.003616 | PASS |
| CA_7C | 64QAM | 21048-20850 | 100RB#0/100RB#0 | NV | 50  | -11.35 | -0.004485 | PASS |
| CA_7C | 64QAM | 21199-21001 | 100RB#0/100RB#0 | NV | -30 | 6.92   | 0.002719  | PASS |
| CA_7C | 64QAM | 21199-21001 | 100RB#0/100RB#0 | NV | -20 | -0.62  | -0.000242 | PASS |
| CA_7C | 64QAM | 21199-21001 | 100RB#0/100RB#0 | NV | -10 | -4.55  | -0.001788 | PASS |
| CA_7C | 64QAM | 21199-21001 | 100RB#0/100RB#0 | NV | 0   | -2.85  | -0.001120 | PASS |
| CA_7C | 64QAM | 21199-21001 | 100RB#0/100RB#0 | NV | 10  | -13.37 | -0.005255 | PASS |
| CA_7C | 64QAM | 21199-21001 | 100RB#0/100RB#0 | NV | 20  | 0.15   | 0.000059  | PASS |
| CA_7C | 64QAM | 21199-21001 | 100RB#0/100RB#0 | NV | 30  | -13.05 | -0.005129 | PASS |
| CA_7C | 64QAM | 21199-21001 | 100RB#0/100RB#0 | NV | 40  | 7.66   | 0.003010  | PASS |
| CA_7C | 64QAM | 21199-21001 | 100RB#0/100RB#0 | NV | 50  | 10.32  | 0.004056  | PASS |
| CA_7C | 64QAM | 21350-21152 | 100RB#0/100RB#0 | NV | -30 | 12.06  | 0.004710  | PASS |



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|       |        |             |                 |    |     |        |           |      |
|-------|--------|-------------|-----------------|----|-----|--------|-----------|------|
| CA_7C | 64QAM  | 21350-21152 | 100RB#0/100RB#0 | NV | -20 | -0.01  | -0.000004 | PASS |
| CA_7C | 64QAM  | 21350-21152 | 100RB#0/100RB#0 | NV | -10 | -7.74  | -0.003025 | PASS |
| CA_7C | 64QAM  | 21350-21152 | 100RB#0/100RB#0 | NV | 0   | 6.42   | 0.002507  | PASS |
| CA_7C | 64QAM  | 21350-21152 | 100RB#0/100RB#0 | NV | 10  | 1.71   | 0.000666  | PASS |
| CA_7C | 64QAM  | 21350-21152 | 100RB#0/100RB#0 | NV | 20  | 5.68   | 0.002219  | PASS |
| CA_7C | 64QAM  | 21350-21152 | 100RB#0/100RB#0 | NV | 30  | 8.69   | 0.003395  | PASS |
| CA_7C | 64QAM  | 21350-21152 | 100RB#0/100RB#0 | NV | 40  | -1.45  | -0.000565 | PASS |
| CA_7C | 64QAM  | 21350-21152 | 100RB#0/100RB#0 | NV | 50  | 4.72   | 0.001845  | PASS |
| CA_7C | 256QAM | 20850-21048 | 100RB#0/100RB#0 | NV | -30 | -4.62  | -0.001844 | PASS |
| CA_7C | 256QAM | 20850-21048 | 100RB#0/100RB#0 | NV | -20 | -13.43 | -0.005361 | PASS |
| CA_7C | 256QAM | 20850-21048 | 100RB#0/100RB#0 | NV | -10 | -9.94  | -0.003968 | PASS |
| CA_7C | 256QAM | 20850-21048 | 100RB#0/100RB#0 | NV | 0   | -7.07  | -0.002821 | PASS |
| CA_7C | 256QAM | 20850-21048 | 100RB#0/100RB#0 | NV | 10  | -0.30  | -0.000122 | PASS |
| CA_7C | 256QAM | 20850-21048 | 100RB#0/100RB#0 | NV | 20  | 13.61  | 0.005433  | PASS |
| CA_7C | 256QAM | 20850-21048 | 100RB#0/100RB#0 | NV | 30  | 4.02   | 0.001606  | PASS |
| CA_7C | 256QAM | 20850-21048 | 100RB#0/100RB#0 | NV | 40  | -13.61 | -0.005433 | PASS |
| CA_7C | 256QAM | 20850-21048 | 100RB#0/100RB#0 | NV | 50  | -13.85 | -0.005528 | PASS |
| CA_7C | 256QAM | 21001-21199 | 100RB#0/100RB#0 | NV | -30 | -11.63 | -0.004607 | PASS |
| CA_7C | 256QAM | 21001-21199 | 100RB#0/100RB#0 | NV | -20 | -13.02 | -0.005156 | PASS |
| CA_7C | 256QAM | 21001-21199 | 100RB#0/100RB#0 | NV | -10 | -11.84 | -0.004690 | PASS |
| CA_7C | 256QAM | 21001-21199 | 100RB#0/100RB#0 | NV | 0   | 1.88   | 0.000743  | PASS |
| CA_7C | 256QAM | 21001-21199 | 100RB#0/100RB#0 | NV | 10  | 3.23   | 0.001277  | PASS |
| CA_7C | 256QAM | 21001-21199 | 100RB#0/100RB#0 | NV | 20  | -12.07 | -0.004778 | PASS |
| CA_7C | 256QAM | 21001-21199 | 100RB#0/100RB#0 | NV | 30  | 5.15   | 0.002041  | PASS |
| CA_7C | 256QAM | 21001-21199 | 100RB#0/100RB#0 | NV | 40  | -9.31  | -0.003685 | PASS |
| CA_7C | 256QAM | 21001-21199 | 100RB#0/100RB#0 | NV | 50  | -7.71  | -0.003052 | PASS |



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|       |        |             |                 |    |     |        |           |      |
|-------|--------|-------------|-----------------|----|-----|--------|-----------|------|
| CA_7C | 256QAM | 21152-21350 | 100RB#0/100RB#0 | NV | -30 | 0.18   | 0.000069  | PASS |
| CA_7C | 256QAM | 21152-21350 | 100RB#0/100RB#0 | NV | -20 | -3.50  | -0.001377 | PASS |
| CA_7C | 256QAM | 21152-21350 | 100RB#0/100RB#0 | NV | -10 | 4.26   | 0.001678  | PASS |
| CA_7C | 256QAM | 21152-21350 | 100RB#0/100RB#0 | NV | 0   | -14.72 | -0.005796 | PASS |
| CA_7C | 256QAM | 21152-21350 | 100RB#0/100RB#0 | NV | 10  | 5.90   | 0.002322  | PASS |
| CA_7C | 256QAM | 21152-21350 | 100RB#0/100RB#0 | NV | 20  | -12.85 | -0.005060 | PASS |
| CA_7C | 256QAM | 21152-21350 | 100RB#0/100RB#0 | NV | 30  | -3.05  | -0.001202 | PASS |
| CA_7C | 256QAM | 21152-21350 | 100RB#0/100RB#0 | NV | 40  | 9.82   | 0.003867  | PASS |
| CA_7C | 256QAM | 21152-21350 | 100RB#0/100RB#0 | NV | 50  | -13.47 | -0.005304 | PASS |
| CA_7C | 256QAM | 21048-20850 | 100RB#0/100RB#0 | NV | -30 | -7.81  | -0.003089 | PASS |
| CA_7C | 256QAM | 21048-20850 | 100RB#0/100RB#0 | NV | -20 | 8.52   | 0.003369  | PASS |
| CA_7C | 256QAM | 21048-20850 | 100RB#0/100RB#0 | NV | -10 | 9.22   | 0.003646  | PASS |
| CA_7C | 256QAM | 21048-20850 | 100RB#0/100RB#0 | NV | 0   | 9.12   | 0.003605  | PASS |
| CA_7C | 256QAM | 21048-20850 | 100RB#0/100RB#0 | NV | 10  | 5.71   | 0.002258  | PASS |
| CA_7C | 256QAM | 21048-20850 | 100RB#0/100RB#0 | NV | 20  | 3.31   | 0.001307  | PASS |
| CA_7C | 256QAM | 21048-20850 | 100RB#0/100RB#0 | NV | 30  | -10.19 | -0.004030 | PASS |
| CA_7C | 256QAM | 21048-20850 | 100RB#0/100RB#0 | NV | 40  | -8.40  | -0.003322 | PASS |
| CA_7C | 256QAM | 21048-20850 | 100RB#0/100RB#0 | NV | 50  | -8.35  | -0.003302 | PASS |
| CA_7C | 256QAM | 21199-21001 | 100RB#0/100RB#0 | NV | -30 | 4.48   | 0.001759  | PASS |
| CA_7C | 256QAM | 21199-21001 | 100RB#0/100RB#0 | NV | -20 | 9.75   | 0.003831  | PASS |
| CA_7C | 256QAM | 21199-21001 | 100RB#0/100RB#0 | NV | -10 | -0.86  | -0.000338 | PASS |
| CA_7C | 256QAM | 21199-21001 | 100RB#0/100RB#0 | NV | 0   | -8.56  | -0.003362 | PASS |
| CA_7C | 256QAM | 21199-21001 | 100RB#0/100RB#0 | NV | 10  | -14.78 | -0.005807 | PASS |
| CA_7C | 256QAM | 21199-21001 | 100RB#0/100RB#0 | NV | 20  | 12.87  | 0.005056  | PASS |
| CA_7C | 256QAM | 21199-21001 | 100RB#0/100RB#0 | NV | 30  | -3.02  | -0.001187 | PASS |
| CA_7C | 256QAM | 21199-21001 | 100RB#0/100RB#0 | NV | 40  | -9.39  | -0.003691 | PASS |



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|       |        |             |                 |    |     |        |           |      |
|-------|--------|-------------|-----------------|----|-----|--------|-----------|------|
| CA_7C | 256QAM | 21199-21001 | 100RB#0/100RB#0 | NV | 50  | 3.08   | 0.001210  | PASS |
| CA_7C | 256QAM | 21350-21152 | 100RB#0/100RB#0 | NV | -30 | -8.00  | -0.003126 | PASS |
| CA_7C | 256QAM | 21350-21152 | 100RB#0/100RB#0 | NV | -20 | 3.67   | 0.001435  | PASS |
| CA_7C | 256QAM | 21350-21152 | 100RB#0/100RB#0 | NV | -10 | -8.12  | -0.003173 | PASS |
| CA_7C | 256QAM | 21350-21152 | 100RB#0/100RB#0 | NV | 0   | -0.35  | -0.000138 | PASS |
| CA_7C | 256QAM | 21350-21152 | 100RB#0/100RB#0 | NV | 10  | 3.97   | 0.001550  | PASS |
| CA_7C | 256QAM | 21350-21152 | 100RB#0/100RB#0 | NV | 20  | -10.85 | -0.004237 | PASS |
| CA_7C | 256QAM | 21350-21152 | 100RB#0/100RB#0 | NV | 30  | 0.20   | 0.000077  | PASS |
| CA_7C | 256QAM | 21350-21152 | 100RB#0/100RB#0 | NV | 40  | -0.32  | -0.000126 | PASS |
| CA_7C | 256QAM | 21350-21152 | 100RB#0/100RB#0 | NV | 50  | 3.37   | 0.001317  | PASS |

The End



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