

# TABLE OF CONTENTS

*01 Conducted output power for intra-band contiguous CA.....2*

*02 Frequency stability for intra-band contiguous CA .....5*

*03 Peak-to-Average Ratio for intra-band contiguous CA.....6*

*04 Occupied bandwidth for intra-band contiguous CA.....25*

*05 Band edge for intra-band contiguous CA .....44*

*06 Out-of-band emissions for intra-band contiguous CA.....70*

## 01 Conducted output power for intra-band contiguous CA

| Band | PCC<br>BW<br>(MHz) | PCC<br>Ch | PCC<br>RB | SCC<br>BW<br>(MHz) | SCC<br>Ch | SCC<br>RB | Modulation | Power<br>(dBm) | Gain(dB) | EIRP<br>(dBm) | EIRP<br>(mW) | ERP<br>Limit<br>(mW) | Verdict |
|------|--------------------|-----------|-----------|--------------------|-----------|-----------|------------|----------------|----------|---------------|--------------|----------------------|---------|
| 7C   | 10                 | 2805      | 1@0       | 20                 | 2949      | 1@99      | QPSK       | 15.38          | 0        | 15.38         | 34.54        | 2000                 | PASS    |
| 7C   | 10                 | 2805      | 1@49      | 20                 | 2949      | 1@0       | QPSK       | 23.86          | 0        | 23.86         | 243.24       | 2000                 | PASS    |
| 7C   | 10                 | 2805      | 50@0      | 20                 | 2949      | 100@0     | QPSK       | 21.90          | 0        | 21.90         | 154.81       | 2000                 | PASS    |
| 7C   | 10                 | 2805      | 1@0       | 20                 | 2949      | 1@99      | 16QAM      | 15.25          | 0        | 15.25         | 33.53        | 2000                 | PASS    |
| 7C   | 10                 | 2805      | 1@49      | 20                 | 2949      | 1@0       | 16QAM      | 22.85          | 0        | 22.85         | 192.55       | 2000                 | PASS    |
| 7C   | 10                 | 2805      | 50@0      | 20                 | 2949      | 100@0     | 16QAM      | 20.95          | 0        | 20.95         | 124.57       | 2000                 | PASS    |
| 7C   | 10                 | 3006      | 1@0       | 20                 | 3150      | 1@99      | QPSK       | 15.50          | 0        | 15.50         | 35.50        | 2000                 | PASS    |
| 7C   | 10                 | 3006      | 1@49      | 20                 | 3150      | 1@0       | QPSK       | 24.02          | 0        | 24.02         | 252.40       | 2000                 | PASS    |
| 7C   | 10                 | 3006      | 50@0      | 20                 | 3150      | 100@0     | QPSK       | 22.05          | 0        | 22.05         | 160.22       | 2000                 | PASS    |
| 7C   | 10                 | 3006      | 1@0       | 20                 | 3150      | 1@99      | 16QAM      | 15.36          | 0        | 15.36         | 34.37        | 2000                 | PASS    |
| 7C   | 10                 | 3006      | 1@49      | 20                 | 3150      | 1@0       | 16QAM      | 22.97          | 0        | 22.97         | 198.20       | 2000                 | PASS    |
| 7C   | 10                 | 3006      | 50@0      | 20                 | 3150      | 100@0     | 16QAM      | 21.06          | 0        | 21.06         | 127.54       | 2000                 | PASS    |
| 7C   | 10                 | 3206      | 1@0       | 20                 | 3350      | 1@99      | QPSK       | 15.56          | 0        | 15.56         | 35.99        | 2000                 | PASS    |
| 7C   | 10                 | 3206      | 1@49      | 20                 | 3350      | 1@0       | QPSK       | 24.08          | 0        | 24.08         | 255.58       | 2000                 | PASS    |
| 7C   | 10                 | 3206      | 50@0      | 20                 | 3350      | 100@0     | QPSK       | 22.16          | 0        | 22.16         | 164.34       | 2000                 | PASS    |
| 7C   | 10                 | 3206      | 1@0       | 20                 | 3350      | 1@99      | 16QAM      | 15.77          | 0        | 15.77         | 37.71        | 2000                 | PASS    |
| 7C   | 10                 | 3206      | 1@49      | 20                 | 3350      | 1@0       | 16QAM      | 23.28          | 0        | 23.28         | 212.58       | 2000                 | PASS    |
| 7C   | 10                 | 3206      | 50@0      | 20                 | 3350      | 100@0     | 16QAM      | 21.19          | 0        | 21.19         | 131.46       | 2000                 | PASS    |
| 7C   | 20                 | 2850      | 1@0       | 10                 | 2994      | 1@49      | QPSK       | 15.59          | 0        | 15.59         | 36.23        | 2000                 | PASS    |
| 7C   | 20                 | 2850      | 1@99      | 10                 | 2994      | 1@0       | QPSK       | 24.15          | 0        | 24.15         | 259.73       | 2000                 | PASS    |
| 7C   | 20                 | 2850      | 100@0     | 10                 | 2994      | 50@0      | QPSK       | 22.08          | 0        | 22.08         | 161.34       | 2000                 | PASS    |
| 7C   | 20                 | 2850      | 1@0       | 10                 | 2994      | 1@49      | 16QAM      | 15.45          | 0        | 15.45         | 35.06        | 2000                 | PASS    |
| 7C   | 20                 | 2850      | 1@99      | 10                 | 2994      | 1@0       | 16QAM      | 23.04          | 0        | 23.04         | 201.44       | 2000                 | PASS    |
| 7C   | 20                 | 2850      | 100@0     | 10                 | 2994      | 50@0      | 16QAM      | 21.12          | 0        | 21.12         | 129.54       | 2000                 | PASS    |
| 7C   | 20                 | 3051      | 1@0       | 10                 | 3195      | 1@49      | QPSK       | 15.66          | 0        | 15.66         | 36.82        | 2000                 | PASS    |
| 7C   | 20                 | 3051      | 1@99      | 10                 | 3195      | 1@0       | QPSK       | 24.27          | 0        | 24.27         | 267.32       | 2000                 | PASS    |
| 7C   | 20                 | 3051      | 100@0     | 10                 | 3195      | 50@0      | QPSK       | 22.23          | 0        | 22.23         | 167.15       | 2000                 | PASS    |
| 7C   | 20                 | 3051      | 1@0       | 10                 | 3195      | 1@49      | 16QAM      | 15.43          | 0        | 15.43         | 34.95        | 2000                 | PASS    |
| 7C   | 20                 | 3051      | 1@99      | 10                 | 3195      | 1@0       | 16QAM      | 23.10          | 0        | 23.10         | 203.96       | 2000                 | PASS    |
| 7C   | 20                 | 3051      | 100@0     | 10                 | 3195      | 50@0      | 16QAM      | 21.27          | 0        | 21.27         | 134.00       | 2000                 | PASS    |
| 7C   | 20                 | 3251      | 1@0       | 10                 | 3395      | 1@49      | QPSK       | 15.64          | 0        | 15.64         | 36.65        | 2000                 | PASS    |
| 7C   | 20                 | 3251      | 1@99      | 10                 | 3395      | 1@0       | QPSK       | 24.07          | 0        | 24.07         | 255.29       | 2000                 | PASS    |
| 7C   | 20                 | 3251      | 100@0     | 10                 | 3395      | 50@0      | QPSK       | 22.20          | 0        | 22.20         | 165.89       | 2000                 | PASS    |
| 7C   | 20                 | 3251      | 1@0       | 10                 | 3395      | 1@49      | 16QAM      | 15.37          | 0        | 15.37         | 34.40        | 2000                 | PASS    |
| 7C   | 20                 | 3251      | 1@99      | 10                 | 3395      | 1@0       | 16QAM      | 22.82          | 0        | 22.82         | 191.55       | 2000                 | PASS    |
| 7C   | 20                 | 3251      | 100@0     | 10                 | 3395      | 50@0      | 16QAM      | 21.22          | 0        | 21.22         | 132.33       | 2000                 | PASS    |
| 7C   | 15                 | 2825      | 1@0       | 15                 | 2975      | 1@74      | QPSK       | 15.67          | 0        | 15.67         | 36.86        | 2000                 | PASS    |
| 7C   | 15                 | 2825      | 1@74      | 15                 | 2975      | 1@0       | QPSK       | 24.21          | 0        | 24.21         | 263.66       | 2000                 | PASS    |

|    |    |      |       |    |      |       |       |       |   |       |        |      |      |
|----|----|------|-------|----|------|-------|-------|-------|---|-------|--------|------|------|
| 7C | 15 | 2825 | 75@0  | 15 | 2975 | 75@0  | QPSK  | 22.12 | 0 | 22.12 | 162.93 | 2000 | PASS |
| 7C | 15 | 2825 | 1@0   | 15 | 2975 | 1@74  | 16QAM | 15.90 | 0 | 15.90 | 38.92  | 2000 | PASS |
| 7C | 15 | 2825 | 1@74  | 15 | 2975 | 1@0   | 16QAM | 23.37 | 0 | 23.37 | 217.32 | 2000 | PASS |
| 7C | 15 | 2825 | 75@0  | 15 | 2975 | 75@0  | 16QAM | 21.12 | 0 | 21.12 | 129.36 | 2000 | PASS |
| 7C | 15 | 3025 | 1@0   | 15 | 3175 | 1@74  | QPSK  | 15.69 | 0 | 15.69 | 37.03  | 2000 | PASS |
| 7C | 15 | 3025 | 1@74  | 15 | 3175 | 1@0   | QPSK  | 24.27 | 0 | 24.27 | 267.32 | 2000 | PASS |
| 7C | 15 | 3025 | 75@0  | 15 | 3175 | 75@0  | QPSK  | 22.25 | 0 | 22.25 | 167.96 | 2000 | PASS |
| 7C | 15 | 3025 | 1@0   | 15 | 3175 | 1@74  | 16QAM | 15.58 | 0 | 15.58 | 36.14  | 2000 | PASS |
| 7C | 15 | 3025 | 1@74  | 15 | 3175 | 1@0   | 16QAM | 23.24 | 0 | 23.24 | 210.65 | 2000 | PASS |
| 7C | 15 | 3025 | 75@0  | 15 | 3175 | 75@0  | 16QAM | 21.24 | 0 | 21.24 | 133.11 | 2000 | PASS |
| 7C | 15 | 3225 | 1@0   | 15 | 3375 | 1@74  | QPSK  | 15.70 | 0 | 15.70 | 37.18  | 2000 | PASS |
| 7C | 15 | 3225 | 1@74  | 15 | 3375 | 1@0   | QPSK  | 24.27 | 0 | 24.27 | 267.42 | 2000 | PASS |
| 7C | 15 | 3225 | 75@0  | 15 | 3375 | 75@0  | QPSK  | 22.27 | 0 | 22.27 | 168.62 | 2000 | PASS |
| 7C | 15 | 3225 | 1@0   | 15 | 3375 | 1@74  | 16QAM | 15.67 | 0 | 15.67 | 36.87  | 2000 | PASS |
| 7C | 15 | 3225 | 1@74  | 15 | 3375 | 1@0   | 16QAM | 23.13 | 0 | 23.13 | 205.43 | 2000 | PASS |
| 7C | 15 | 3225 | 75@0  | 15 | 3375 | 75@0  | 16QAM | 21.26 | 0 | 21.26 | 133.51 | 2000 | PASS |
| 7C | 15 | 2828 | 1@0   | 20 | 2999 | 1@99  | QPSK  | 15.73 | 0 | 15.73 | 37.39  | 2000 | PASS |
| 7C | 15 | 2828 | 1@74  | 20 | 2999 | 1@0   | QPSK  | 24.27 | 0 | 24.27 | 267.33 | 2000 | PASS |
| 7C | 15 | 2828 | 75@0  | 20 | 2999 | 100@0 | QPSK  | 22.19 | 0 | 22.19 | 165.54 | 2000 | PASS |
| 7C | 15 | 2828 | 1@0   | 20 | 2999 | 1@99  | 16QAM | 15.96 | 0 | 15.96 | 39.44  | 2000 | PASS |
| 7C | 15 | 2828 | 1@74  | 20 | 2999 | 1@0   | 16QAM | 23.46 | 0 | 23.46 | 221.59 | 2000 | PASS |
| 7C | 15 | 2828 | 75@0  | 20 | 2999 | 100@0 | 16QAM | 21.21 | 0 | 21.21 | 132.22 | 2000 | PASS |
| 7C | 15 | 3003 | 1@0   | 20 | 3174 | 1@99  | QPSK  | 15.75 | 0 | 15.75 | 37.55  | 2000 | PASS |
| 7C | 15 | 3003 | 1@74  | 20 | 3174 | 1@0   | QPSK  | 24.35 | 0 | 24.35 | 271.98 | 2000 | PASS |
| 7C | 15 | 3003 | 75@0  | 20 | 3174 | 100@0 | QPSK  | 22.33 | 0 | 22.33 | 170.91 | 2000 | PASS |
| 7C | 15 | 3003 | 1@0   | 20 | 3174 | 1@99  | 16QAM | 15.63 | 0 | 15.63 | 36.52  | 2000 | PASS |
| 7C | 15 | 3003 | 1@74  | 20 | 3174 | 1@0   | 16QAM | 23.30 | 0 | 23.30 | 213.81 | 2000 | PASS |
| 7C | 15 | 3003 | 75@0  | 20 | 3174 | 100@0 | 16QAM | 21.33 | 0 | 21.33 | 135.94 | 2000 | PASS |
| 7C | 15 | 3179 | 1@0   | 20 | 3350 | 1@99  | QPSK  | 15.76 | 0 | 15.76 | 37.66  | 2000 | PASS |
| 7C | 15 | 3179 | 1@74  | 20 | 3350 | 1@0   | QPSK  | 24.34 | 0 | 24.34 | 271.77 | 2000 | PASS |
| 7C | 15 | 3179 | 75@0  | 20 | 3350 | 100@0 | QPSK  | 22.33 | 0 | 22.33 | 171.05 | 2000 | PASS |
| 7C | 15 | 3179 | 1@0   | 20 | 3350 | 1@99  | 16QAM | 15.74 | 0 | 15.74 | 37.52  | 2000 | PASS |
| 7C | 15 | 3179 | 1@74  | 20 | 3350 | 1@0   | 16QAM | 23.20 | 0 | 23.20 | 208.73 | 2000 | PASS |
| 7C | 15 | 3179 | 75@0  | 20 | 3350 | 100@0 | 16QAM | 21.37 | 0 | 21.37 | 136.96 | 2000 | PASS |
| 7C | 20 | 2850 | 1@0   | 15 | 3021 | 1@74  | QPSK  | 15.78 | 0 | 15.78 | 37.81  | 2000 | PASS |
| 7C | 20 | 2850 | 1@99  | 15 | 3021 | 1@0   | QPSK  | 24.37 | 0 | 24.37 | 273.27 | 2000 | PASS |
| 7C | 20 | 2850 | 100@0 | 15 | 3021 | 75@0  | QPSK  | 22.27 | 0 | 22.27 | 168.59 | 2000 | PASS |
| 7C | 20 | 2850 | 1@0   | 15 | 3021 | 1@74  | 16QAM | 15.61 | 0 | 15.61 | 36.38  | 2000 | PASS |
| 7C | 20 | 2850 | 1@99  | 15 | 3021 | 1@0   | 16QAM | 23.24 | 0 | 23.24 | 210.68 | 2000 | PASS |
| 7C | 20 | 2850 | 100@0 | 15 | 3021 | 75@0  | 16QAM | 21.28 | 0 | 21.28 | 134.20 | 2000 | PASS |
| 7C | 20 | 3026 | 1@0   | 15 | 3197 | 1@74  | QPSK  | 15.83 | 0 | 15.83 | 38.25  | 2000 | PASS |
| 7C | 20 | 3026 | 1@99  | 15 | 3197 | 1@0   | QPSK  | 24.49 | 0 | 24.49 | 281.21 | 2000 | PASS |
| 7C | 20 | 3026 | 100@0 | 15 | 3197 | 75@0  | QPSK  | 22.37 | 0 | 22.37 | 172.60 | 2000 | PASS |
| 7C | 20 | 3026 | 1@0   | 15 | 3197 | 1@74  | 16QAM | 15.60 | 0 | 15.60 | 36.35  | 2000 | PASS |

|    |    |      |       |    |      |       |       |       |   |       |        |      |      |
|----|----|------|-------|----|------|-------|-------|-------|---|-------|--------|------|------|
| 7C | 20 | 3026 | 1@99  | 15 | 3197 | 1@0   | 16QAM | 23.27 | 0 | 23.27 | 212.15 | 2000 | PASS |
| 7C | 20 | 3026 | 100@0 | 15 | 3197 | 75@0  | 16QAM | 21.40 | 0 | 21.40 | 138.05 | 2000 | PASS |
| 7C | 20 | 3201 | 1@0   | 15 | 3372 | 1@74  | QPSK  | 15.77 | 0 | 15.77 | 37.76  | 2000 | PASS |
| 7C | 20 | 3201 | 1@99  | 15 | 3372 | 1@0   | QPSK  | 24.36 | 0 | 24.36 | 272.61 | 2000 | PASS |
| 7C | 20 | 3201 | 100@0 | 15 | 3372 | 75@0  | QPSK  | 22.33 | 0 | 22.33 | 170.99 | 2000 | PASS |
| 7C | 20 | 3201 | 1@0   | 15 | 3372 | 1@74  | 16QAM | 15.51 | 0 | 15.51 | 35.56  | 2000 | PASS |
| 7C | 20 | 3201 | 1@99  | 15 | 3372 | 1@0   | 16QAM | 23.08 | 0 | 23.08 | 203.16 | 2000 | PASS |
| 7C | 20 | 3201 | 100@0 | 15 | 3372 | 75@0  | 16QAM | 21.36 | 0 | 21.36 | 136.91 | 2000 | PASS |
| 7C | 20 | 2850 | 1@0   | 20 | 3048 | 1@99  | QPSK  | 15.78 | 0 | 15.78 | 37.87  | 2000 | PASS |
| 7C | 20 | 2850 | 1@99  | 20 | 3048 | 1@0   | QPSK  | 24.39 | 0 | 24.39 | 274.84 | 2000 | PASS |
| 7C | 20 | 2850 | 100@0 | 20 | 3048 | 100@0 | QPSK  | 22.29 | 0 | 22.29 | 169.38 | 2000 | PASS |
| 7C | 20 | 2850 | 1@0   | 20 | 3048 | 1@99  | 16QAM | 15.63 | 0 | 15.63 | 36.58  | 2000 | PASS |
| 7C | 20 | 2850 | 1@99  | 20 | 3048 | 1@0   | 16QAM | 23.28 | 0 | 23.28 | 212.86 | 2000 | PASS |
| 7C | 20 | 2850 | 100@0 | 20 | 3048 | 100@0 | 16QAM | 21.28 | 0 | 21.28 | 134.21 | 2000 | PASS |
| 7C | 20 | 3001 | 1@0   | 20 | 3199 | 1@99  | QPSK  | 15.86 | 0 | 15.86 | 38.51  | 2000 | PASS |
| 7C | 20 | 3001 | 1@99  | 20 | 3199 | 1@0   | QPSK  | 24.52 | 0 | 24.52 | 282.83 | 2000 | PASS |
| 7C | 20 | 3001 | 100@0 | 20 | 3199 | 100@0 | QPSK  | 22.37 | 0 | 22.37 | 172.43 | 2000 | PASS |
| 7C | 20 | 3001 | 1@0   | 20 | 3199 | 1@99  | 16QAM | 15.64 | 0 | 15.64 | 36.62  | 2000 | PASS |
| 7C | 20 | 3001 | 1@99  | 20 | 3199 | 1@0   | 16QAM | 23.39 | 0 | 23.39 | 218.09 | 2000 | PASS |
| 7C | 20 | 3001 | 100@0 | 20 | 3199 | 100@0 | 16QAM | 21.40 | 0 | 21.40 | 138.06 | 2000 | PASS |
| 7C | 20 | 3152 | 1@0   | 20 | 3350 | 1@99  | QPSK  | 15.81 | 0 | 15.81 | 38.11  | 2000 | PASS |
| 7C | 20 | 3152 | 1@99  | 20 | 3350 | 1@0   | QPSK  | 24.31 | 0 | 24.31 | 269.79 | 2000 | PASS |
| 7C | 20 | 3152 | 100@0 | 20 | 3350 | 100@0 | QPSK  | 22.38 | 0 | 22.38 | 172.97 | 2000 | PASS |
| 7C | 20 | 3152 | 1@0   | 20 | 3350 | 1@99  | 16QAM | 15.55 | 0 | 15.55 | 35.93  | 2000 | PASS |
| 7C | 20 | 3152 | 1@99  | 20 | 3350 | 1@0   | 16QAM | 23.08 | 0 | 23.08 | 203.13 | 2000 | PASS |
| 7C | 20 | 3152 | 100@0 | 20 | 3350 | 100@0 | 16QAM | 21.40 | 0 | 21.40 | 138.01 | 2000 | PASS |

## 02 Frequency stability for intra-band contiguous CA

| Band | PCC<br>BW<br>(MHz) | PCC<br>Ch | PCC<br>RB | SCC<br>BW<br>(MHz) | SCC<br>Ch | SCC<br>RB | Modulation | Result(Hz) | Result<br>(ppm) | Low<br>Limit<br>(ppm) | high<br>Limit<br>(ppm) | Verdict |
|------|--------------------|-----------|-----------|--------------------|-----------|-----------|------------|------------|-----------------|-----------------------|------------------------|---------|
| 7C   | 10                 | 2805      | 50@0      | 20                 | 2949      | 100@0     | QPSK       | -11.42     | -0.005          | -2.5                  | 2.5                    | PASS    |
| 7C   | 10                 | 2805      | 50@0      | 20                 | 2949      | 100@0     | 16QAM      | -11.77     | -0.005          | -2.5                  | 2.5                    | PASS    |
| 7C   | 10                 | 3006      | 50@0      | 20                 | 3150      | 100@0     | QPSK       | -8.93      | -0.004          | -2.5                  | 2.5                    | PASS    |
| 7C   | 10                 | 3006      | 50@0      | 20                 | 3150      | 100@0     | 16QAM      | 2.82       | 0.001           | -2.5                  | 2.5                    | PASS    |
| 7C   | 10                 | 3206      | 50@0      | 20                 | 3350      | 100@0     | QPSK       | -1.85      | -0.001          | -2.5                  | 2.5                    | PASS    |
| 7C   | 10                 | 3206      | 50@0      | 20                 | 3350      | 100@0     | 16QAM      | -21.24     | -0.008          | -2.5                  | 2.5                    | PASS    |
| 7C   | 20                 | 2850      | 100@0     | 10                 | 2994      | 50@0      | QPSK       | -19.96     | -0.008          | -2.5                  | 2.5                    | PASS    |
| 7C   | 20                 | 2850      | 100@0     | 10                 | 2994      | 50@0      | 16QAM      | -9.51      | -0.004          | -2.5                  | 2.5                    | PASS    |
| 7C   | 20                 | 3051      | 100@0     | 10                 | 3195      | 50@0      | QPSK       | -8.97      | -0.004          | -2.5                  | 2.5                    | PASS    |
| 7C   | 20                 | 3051      | 100@0     | 10                 | 3195      | 50@0      | 16QAM      | -12.63     | -0.005          | -2.5                  | 2.5                    | PASS    |
| 7C   | 20                 | 3251      | 100@0     | 10                 | 3395      | 50@0      | QPSK       | -8.47      | -0.003          | -2.5                  | 2.5                    | PASS    |
| 7C   | 20                 | 3251      | 100@0     | 10                 | 3395      | 50@0      | 16QAM      | -14.00     | -0.005          | -2.5                  | 2.5                    | PASS    |
| 7C   | 15                 | 2825      | 75@0      | 15                 | 2975      | 75@0      | QPSK       | 0.00       | 0.000           | -2.5                  | 2.5                    | PASS    |
| 7C   | 15                 | 2825      | 75@0      | 15                 | 2975      | 75@0      | 16QAM      | -10.67     | -0.004          | -2.5                  | 2.5                    | PASS    |
| 7C   | 15                 | 3025      | 75@0      | 15                 | 3175      | 75@0      | QPSK       | 0.33       | 0.000           | -2.5                  | 2.5                    | PASS    |
| 7C   | 15                 | 3025      | 75@0      | 15                 | 3175      | 75@0      | 16QAM      | -16.34     | -0.006          | -2.5                  | 2.5                    | PASS    |
| 7C   | 15                 | 3225      | 75@0      | 15                 | 3375      | 75@0      | QPSK       | -5.97      | -0.002          | -2.5                  | 2.5                    | PASS    |
| 7C   | 15                 | 3225      | 75@0      | 15                 | 3375      | 75@0      | 16QAM      | -14.18     | -0.006          | -2.5                  | 2.5                    | PASS    |
| 7C   | 15                 | 2828      | 75@0      | 20                 | 2999      | 100@0     | QPSK       | -17.84     | -0.007          | -2.5                  | 2.5                    | PASS    |
| 7C   | 15                 | 2828      | 75@0      | 20                 | 2999      | 100@0     | 16QAM      | -14.03     | -0.006          | -2.5                  | 2.5                    | PASS    |
| 7C   | 15                 | 3003      | 75@0      | 20                 | 3174      | 100@0     | QPSK       | -6.39      | -0.003          | -2.5                  | 2.5                    | PASS    |
| 7C   | 15                 | 3003      | 75@0      | 20                 | 3174      | 100@0     | 16QAM      | -2.59      | -0.001          | -2.5                  | 2.5                    | PASS    |
| 7C   | 15                 | 3179      | 75@0      | 20                 | 3350      | 100@0     | QPSK       | -11.60     | -0.005          | -2.5                  | 2.5                    | PASS    |
| 7C   | 15                 | 3179      | 75@0      | 20                 | 3350      | 100@0     | 16QAM      | -13.62     | -0.005          | -2.5                  | 2.5                    | PASS    |
| 7C   | 20                 | 2850      | 100@0     | 15                 | 3021      | 75@0      | QPSK       | -13.76     | -0.005          | -2.5                  | 2.5                    | PASS    |
| 7C   | 20                 | 2850      | 100@0     | 15                 | 3021      | 75@0      | 16QAM      | -9.44      | -0.004          | -2.5                  | 2.5                    | PASS    |
| 7C   | 20                 | 3026      | 100@0     | 15                 | 3197      | 75@0      | QPSK       | -2.46      | -0.001          | -2.5                  | 2.5                    | PASS    |
| 7C   | 20                 | 3026      | 100@0     | 15                 | 3197      | 75@0      | 16QAM      | -5.59      | -0.002          | -2.5                  | 2.5                    | PASS    |
| 7C   | 20                 | 3201      | 100@0     | 15                 | 3372      | 75@0      | QPSK       | -9.36      | -0.004          | -2.5                  | 2.5                    | PASS    |
| 7C   | 20                 | 3201      | 100@0     | 15                 | 3372      | 75@0      | 16QAM      | -13.05     | -0.005          | -2.5                  | 2.5                    | PASS    |
| 7C   | 20                 | 2850      | 100@0     | 20                 | 3048      | 100@0     | QPSK       | -7.50      | -0.003          | -2.5                  | 2.5                    | PASS    |
| 7C   | 20                 | 2850      | 100@0     | 20                 | 3048      | 100@0     | 16QAM      | 2.75       | 0.001           | -2.5                  | 2.5                    | PASS    |
| 7C   | 20                 | 3001      | 100@0     | 20                 | 3199      | 100@0     | QPSK       | -7.81      | -0.003          | -2.5                  | 2.5                    | PASS    |
| 7C   | 20                 | 3001      | 100@0     | 20                 | 3199      | 100@0     | 16QAM      | -12.49     | -0.005          | -2.5                  | 2.5                    | PASS    |
| 7C   | 20                 | 3152      | 100@0     | 20                 | 3350      | 100@0     | QPSK       | -8.15      | -0.003          | -2.5                  | 2.5                    | PASS    |
| 7C   | 20                 | 3152      | 100@0     | 20                 | 3350      | 100@0     | 16QAM      | -11.29     | -0.004          | -2.5                  | 2.5                    | PASS    |

### 03 Peak-to-Average Ratio for intra-band contiguous CA

| Band | PCC<br>BW<br>(MHz) | PCC<br>Ch | PCC<br>RB | SCC<br>BW<br>(MHz) | SCC<br>Ch | SCC<br>RB | Modulation | Result<br>(dB) | high<br>Limit<br>(dB) | Verdict |
|------|--------------------|-----------|-----------|--------------------|-----------|-----------|------------|----------------|-----------------------|---------|
| 7C   | 10                 | 2805      | 50@0      | 20                 | 2949      | 100@0     | QPSK       | 6.18           | 13                    | PASS    |
| 7C   | 10                 | 2805      | 50@0      | 20                 | 2949      | 100@0     | 16QAM      | 6.86           | 13                    | PASS    |
| 7C   | 10                 | 3006      | 50@0      | 20                 | 3150      | 100@0     | QPSK       | 5.89           | 13                    | PASS    |
| 7C   | 10                 | 3006      | 50@0      | 20                 | 3150      | 100@0     | 16QAM      | 6.55           | 13                    | PASS    |
| 7C   | 10                 | 3206      | 50@0      | 20                 | 3350      | 100@0     | QPSK       | 5.93           | 13                    | PASS    |
| 7C   | 10                 | 3206      | 50@0      | 20                 | 3350      | 100@0     | 16QAM      | 6.60           | 13                    | PASS    |
| 7C   | 20                 | 2850      | 100@0     | 10                 | 2994      | 50@0      | QPSK       | 6.49           | 13                    | PASS    |
| 7C   | 20                 | 2850      | 100@0     | 10                 | 2994      | 50@0      | 16QAM      | 7.08           | 13                    | PASS    |
| 7C   | 20                 | 3051      | 100@0     | 10                 | 3195      | 50@0      | QPSK       | 6.45           | 13                    | PASS    |
| 7C   | 20                 | 3051      | 100@0     | 10                 | 3195      | 50@0      | 16QAM      | 7.03           | 13                    | PASS    |
| 7C   | 20                 | 3251      | 100@0     | 10                 | 3395      | 50@0      | QPSK       | 6.38           | 13                    | PASS    |
| 7C   | 20                 | 3251      | 100@0     | 10                 | 3395      | 50@0      | 16QAM      | 6.94           | 13                    | PASS    |
| 7C   | 15                 | 2825      | 75@0      | 15                 | 2975      | 75@0      | QPSK       | 6.53           | 13                    | PASS    |
| 7C   | 15                 | 2825      | 75@0      | 15                 | 2975      | 75@0      | 16QAM      | 7.14           | 13                    | PASS    |
| 7C   | 15                 | 3025      | 75@0      | 15                 | 3175      | 75@0      | QPSK       | 6.45           | 13                    | PASS    |
| 7C   | 15                 | 3025      | 75@0      | 15                 | 3175      | 75@0      | 16QAM      | 7.04           | 13                    | PASS    |
| 7C   | 15                 | 3225      | 75@0      | 15                 | 3375      | 75@0      | QPSK       | 6.43           | 13                    | PASS    |
| 7C   | 15                 | 3225      | 75@0      | 15                 | 3375      | 75@0      | 16QAM      | 7.03           | 13                    | PASS    |
| 7C   | 15                 | 2828      | 75@0      | 20                 | 2999      | 100@0     | QPSK       | 6.91           | 13                    | PASS    |
| 7C   | 15                 | 2828      | 75@0      | 20                 | 2999      | 100@0     | 16QAM      | 7.39           | 13                    | PASS    |
| 7C   | 15                 | 3003      | 75@0      | 20                 | 3174      | 100@0     | QPSK       | 6.89           | 13                    | PASS    |
| 7C   | 15                 | 3003      | 75@0      | 20                 | 3174      | 100@0     | 16QAM      | 7.32           | 13                    | PASS    |
| 7C   | 15                 | 3179      | 75@0      | 20                 | 3350      | 100@0     | QPSK       | 6.84           | 13                    | PASS    |
| 7C   | 15                 | 3179      | 75@0      | 20                 | 3350      | 100@0     | 16QAM      | 7.32           | 13                    | PASS    |
| 7C   | 20                 | 2850      | 100@0     | 15                 | 3021      | 75@0      | QPSK       | 7.05           | 13                    | PASS    |
| 7C   | 20                 | 2850      | 100@0     | 15                 | 3021      | 75@0      | 16QAM      | 7.44           | 13                    | PASS    |
| 7C   | 20                 | 3026      | 100@0     | 15                 | 3197      | 75@0      | QPSK       | 6.98           | 13                    | PASS    |
| 7C   | 20                 | 3026      | 100@0     | 15                 | 3197      | 75@0      | 16QAM      | 7.38           | 13                    | PASS    |
| 7C   | 20                 | 3201      | 100@0     | 15                 | 3372      | 75@0      | QPSK       | 6.95           | 13                    | PASS    |
| 7C   | 20                 | 3201      | 100@0     | 15                 | 3372      | 75@0      | 16QAM      | 7.36           | 13                    | PASS    |
| 7C   | 20                 | 2850      | 100@0     | 20                 | 3048      | 100@0     | QPSK       | 7.13           | 13                    | PASS    |
| 7C   | 20                 | 2850      | 100@0     | 20                 | 3048      | 100@0     | 16QAM      | 7.57           | 13                    | PASS    |
| 7C   | 20                 | 3001      | 100@0     | 20                 | 3199      | 100@0     | QPSK       | 7.02           | 13                    | PASS    |
| 7C   | 20                 | 3001      | 100@0     | 20                 | 3199      | 100@0     | 16QAM      | 7.51           | 13                    | PASS    |
| 7C   | 20                 | 3152      | 100@0     | 20                 | 3350      | 100@0     | QPSK       | 7.03           | 13                    | PASS    |
| 7C   | 20                 | 3152      | 100@0     | 20                 | 3350      | 100@0     | 16QAM      | 7.49           | 13                    | PASS    |

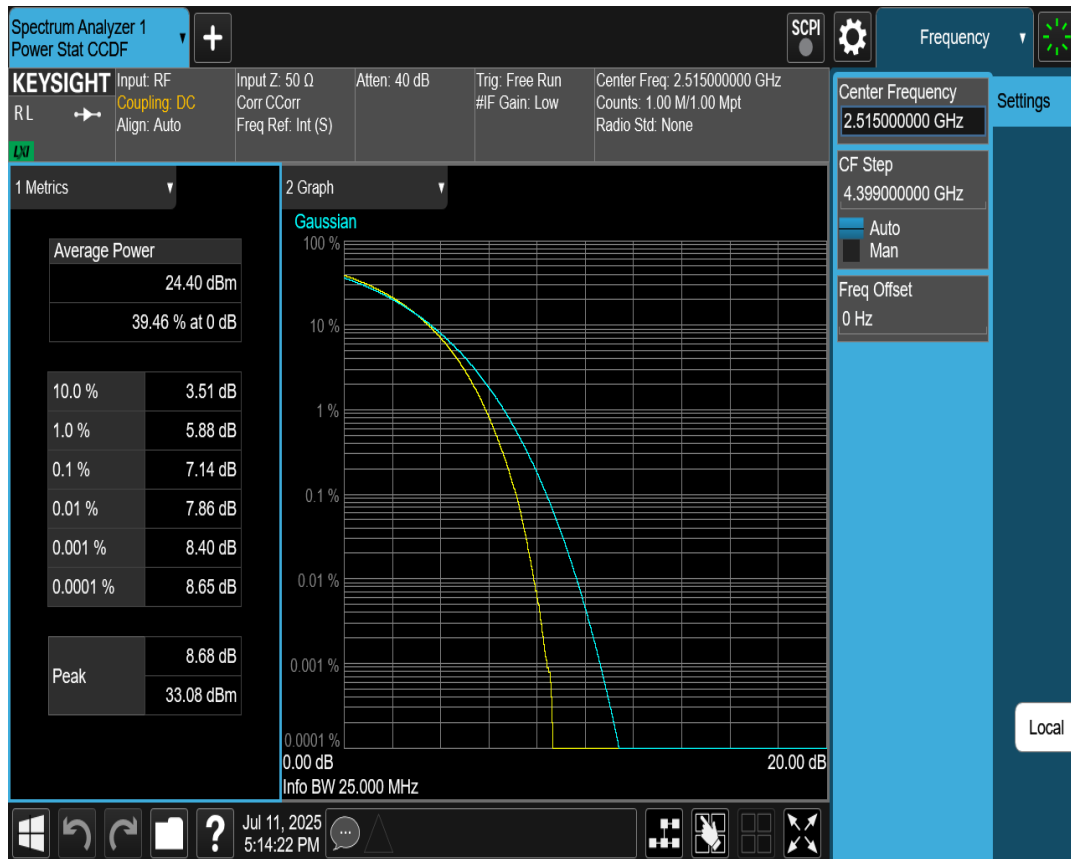
7C 16QAM PCC BW=10MHz Ch=2805 RB=50@0, SCC BW=20MHz Ch=2949 RB=100@0



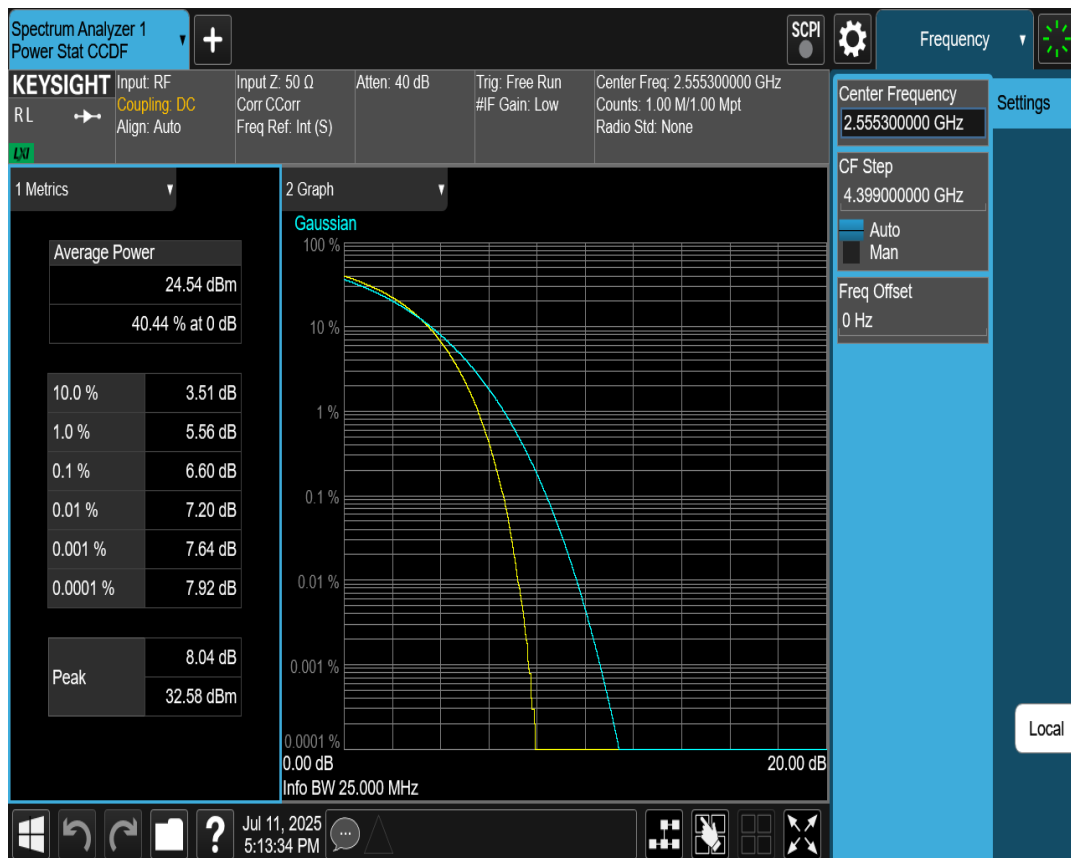
7C 16QAM PCC BW=10MHz Ch=3006 RB=50@0,SCC BW=20MHz Ch=3150 RB=100@0



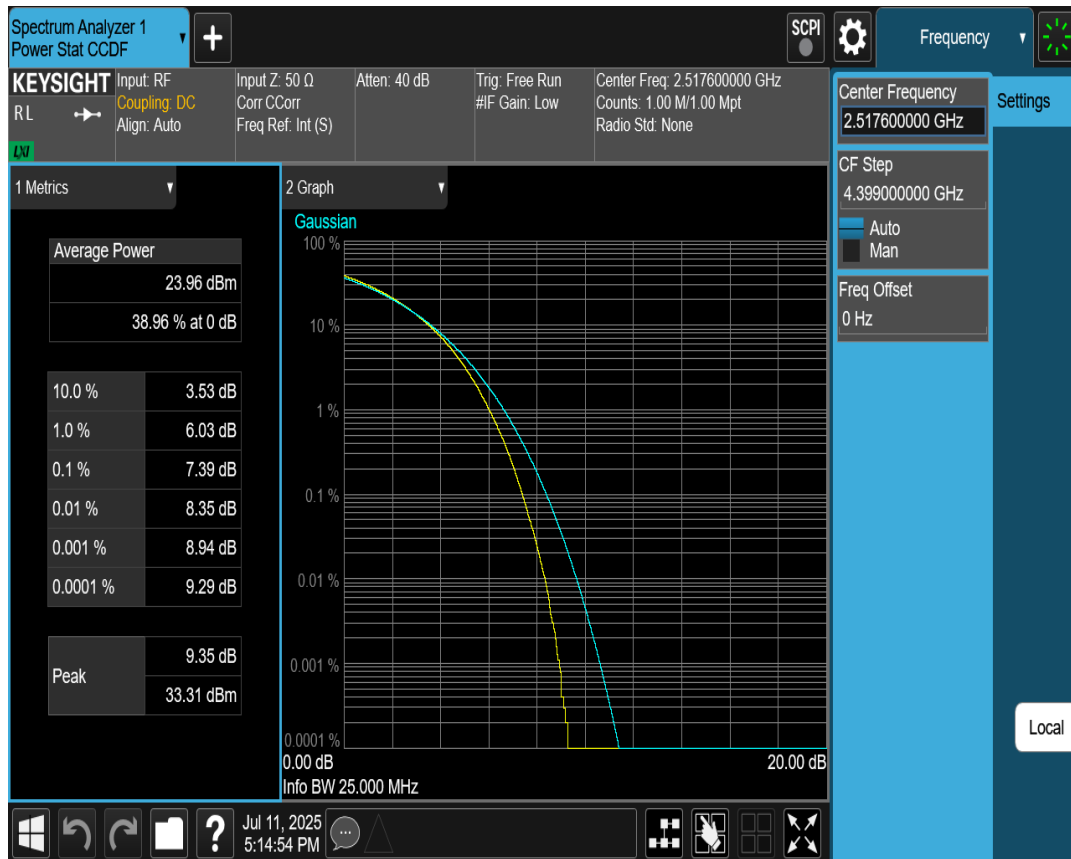
7C 16QAM PCC BW=15MHz Ch=2825 RB=75@0,SCC BW=15MHz Ch=2975 RB=75@0



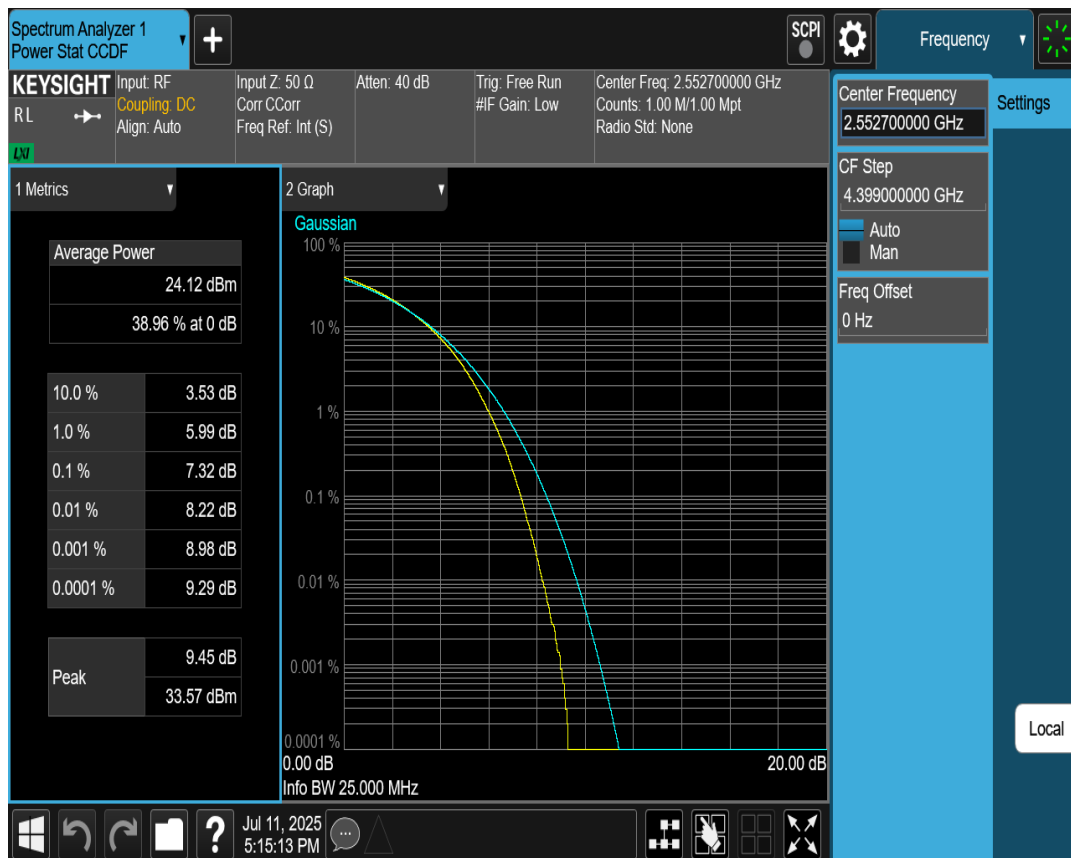
7C 16QAM PCC BW=10MHz Ch=3206 RB=50@0,SCC BW=20MHz Ch=3350 RB=100@0



7C 16QAM PCC BW=15MHz Ch=2828 RB=75@0,SCC BW=20MHz Ch=2999 RB=100@0



7C 16QAM PCC BW=15MHz Ch=3179 RB=75@0,SCC BW=20MHz Ch=3350 RB=100@0



7C 16QAM PCC BW=15MHz Ch=3025 RB=75@0,SCC BW=15MHz Ch=3175 RB=75@0



7C 16QAM PCC BW=15MHz Ch=3003 RB=75@0,SCC BW=20MHz Ch=3174 RB=100@0



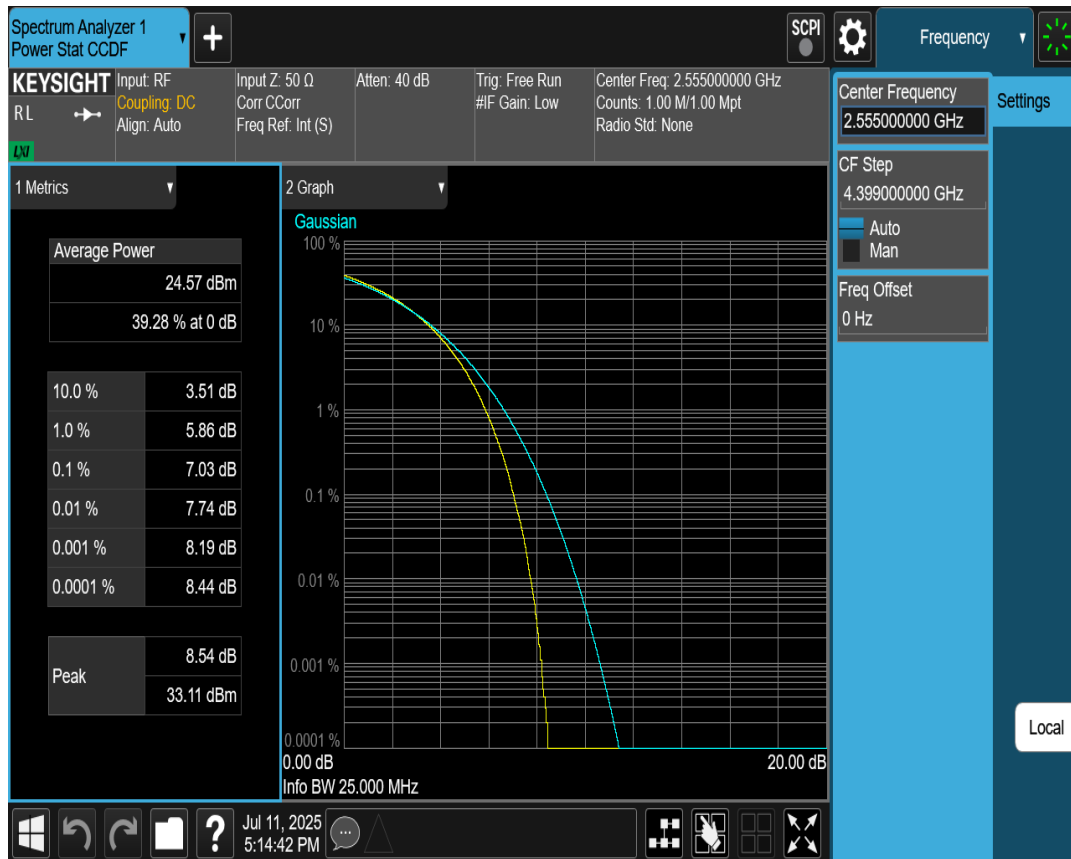
7C 16QAM PCC BW=20MHz Ch=2850 RB=100@0,SCC BW=15MHz Ch=3021 RB=75@0



7C 16QAM PCC BW=20MHz Ch=2850 RB=100@0,SCC BW=20MHz Ch=3048 RB=100@0



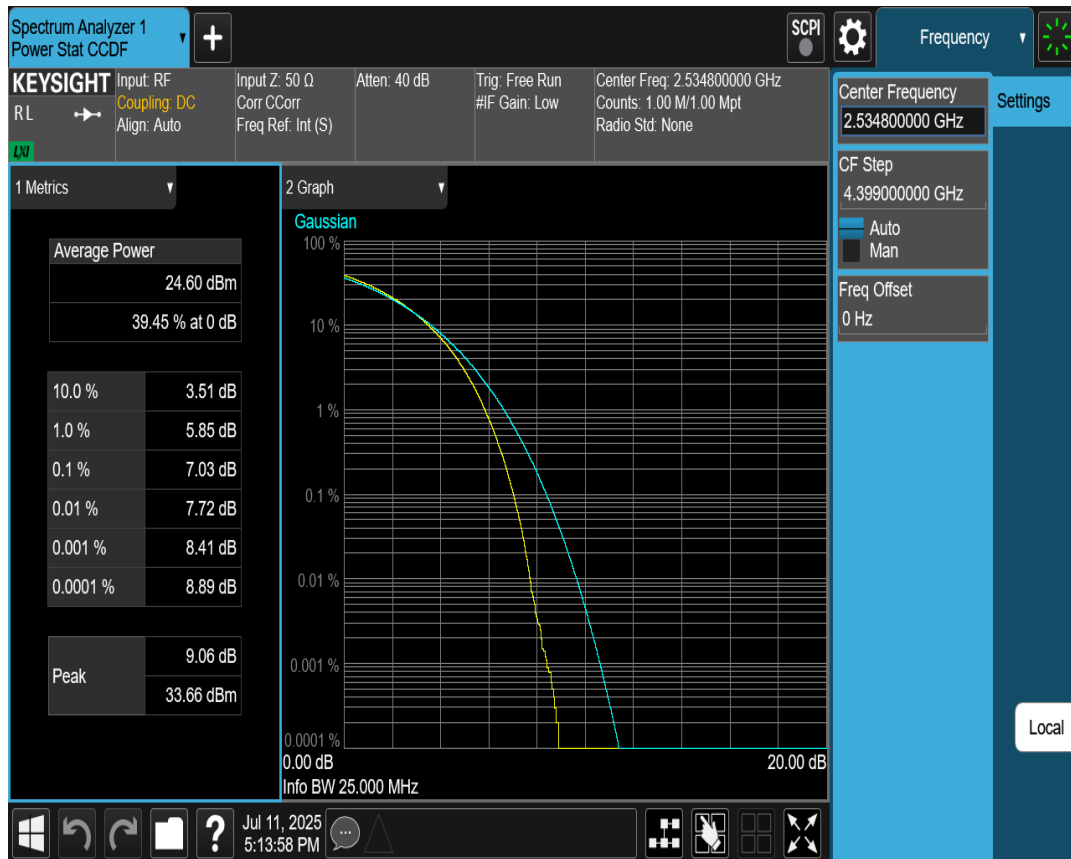
7C 16QAM PCC BW=15MHz Ch=3225 RB=75@0,SCC BW=15MHz Ch=3375 RB=75@0



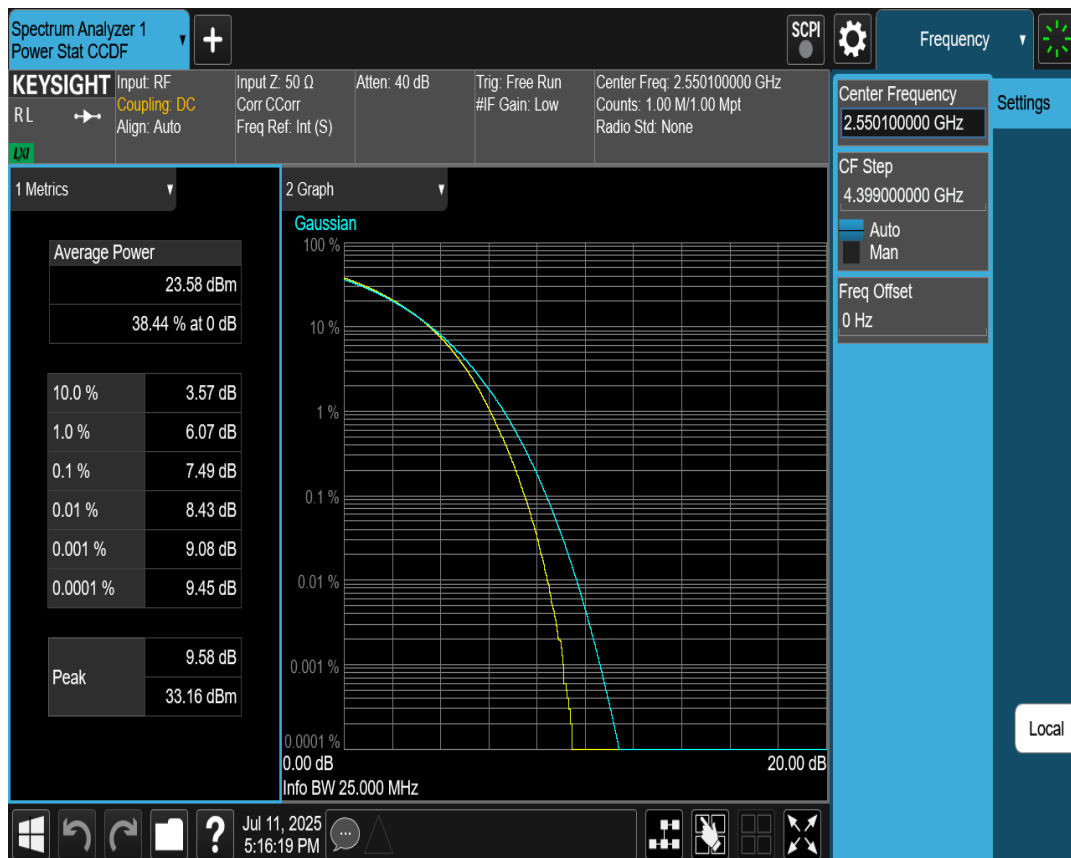
7C 16QAM PCC BW=20MHz Ch=2850 RB=100@0,SCC BW=10MHz Ch=2994 RB=50@0



7C 16QAM PCC BW=20MHz Ch=3051 RB=100@0,SCC BW=10MHz Ch=3195 RB=50@0



7C 16QAM PCC BW=20MHz Ch=3152 RB=100@0,SCC BW=20MHz Ch=3350 RB=100@0



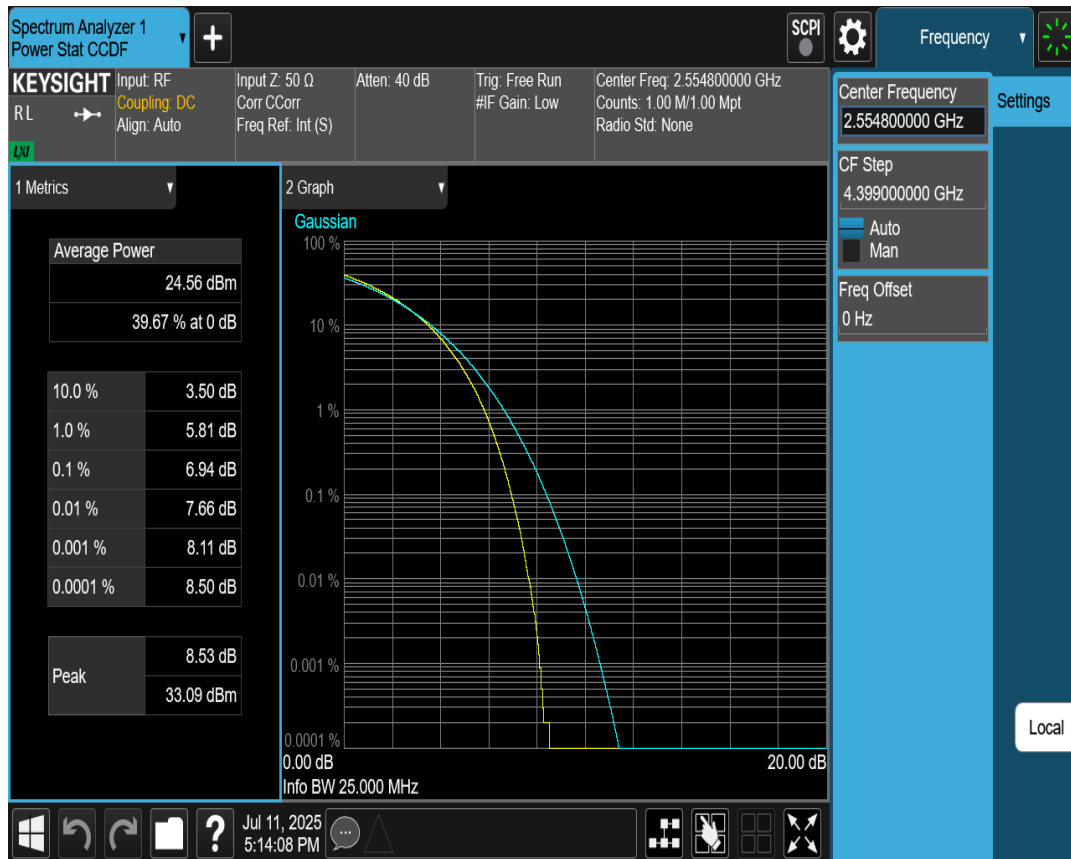
7C 16QAM PCC BW=20MHz Ch=3001 RB=100@0,SCC BW=20MHz Ch=3199 RB=100@0



7C 16QAM PCC BW=20MHz Ch=3026 RB=100@0,SCC BW=15MHz Ch=3197 RB=75@0



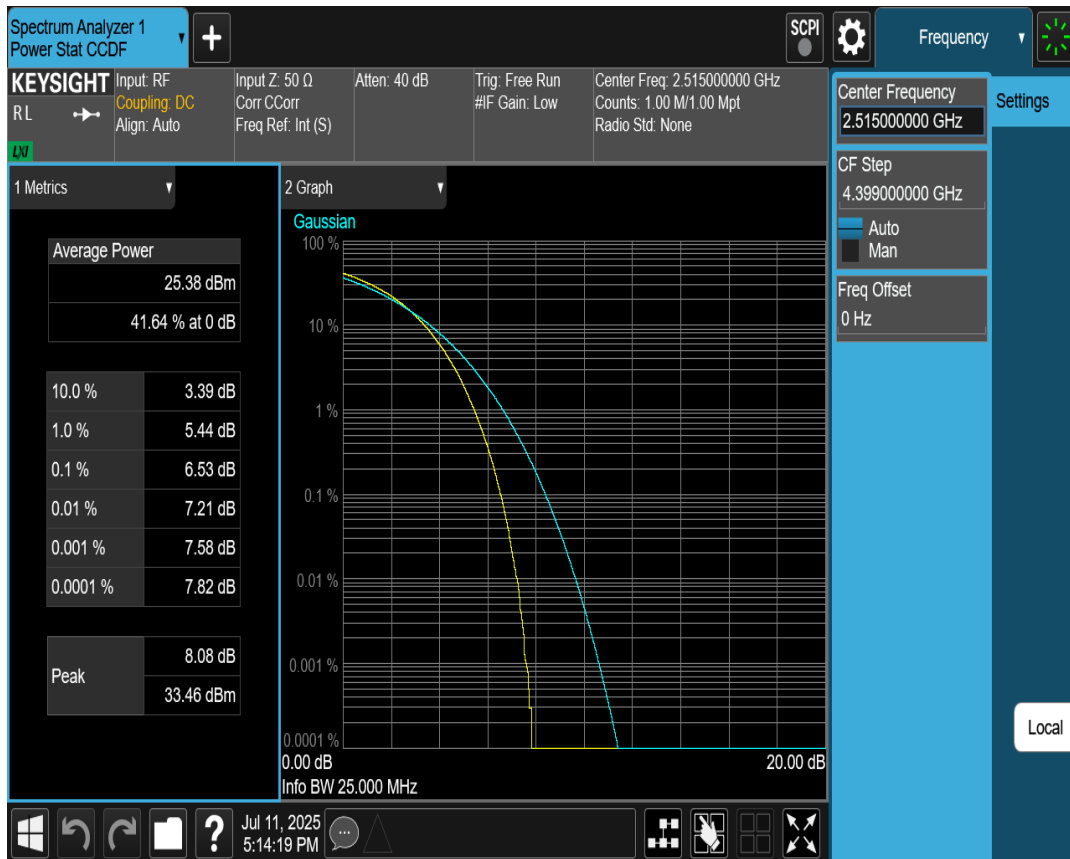
7C 16QAM PCC BW=20MHz Ch=3251 RB=100@0,SCC BW=10MHz Ch=3395 RB=50@0



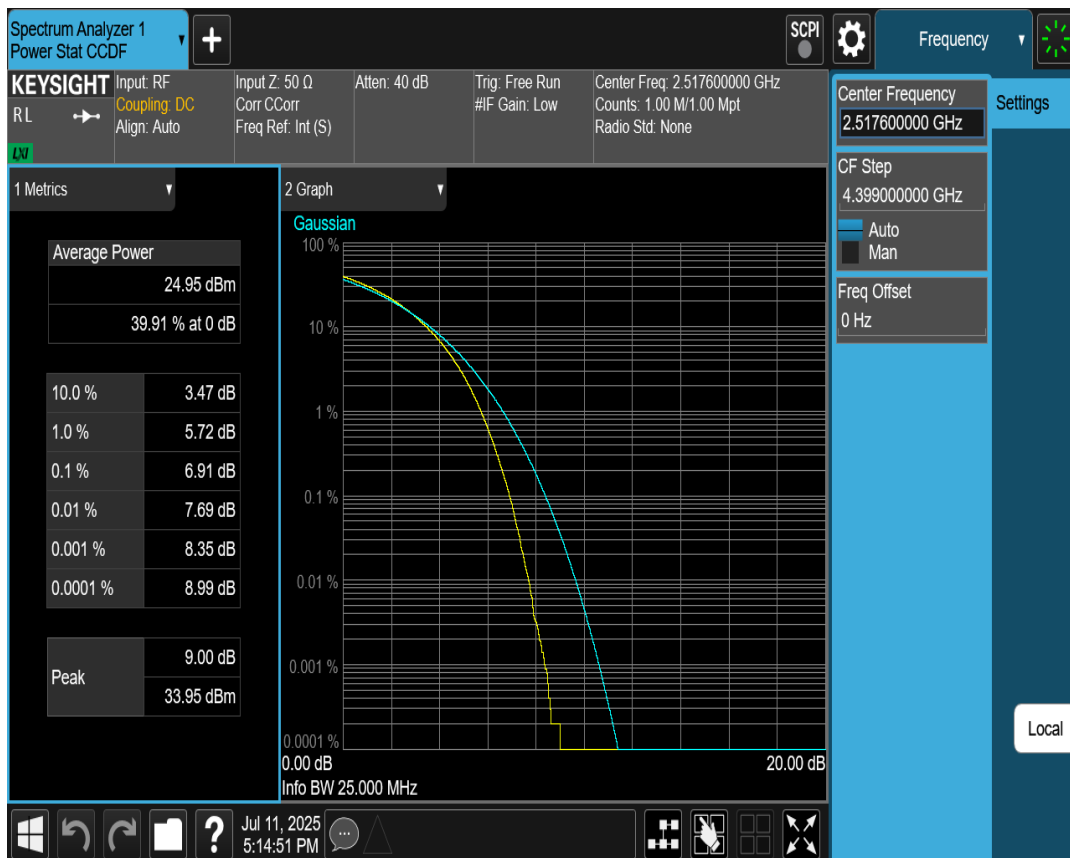
7C 16QAM PCC BW=20MHz Ch=3201 RB=100@0,SCC BW=15MHz Ch=3372 RB=75@0



7C QPSK PCC BW=15MHz Ch=2825 RB=75@0,SCC BW=15MHz Ch=2975 RB=75@0



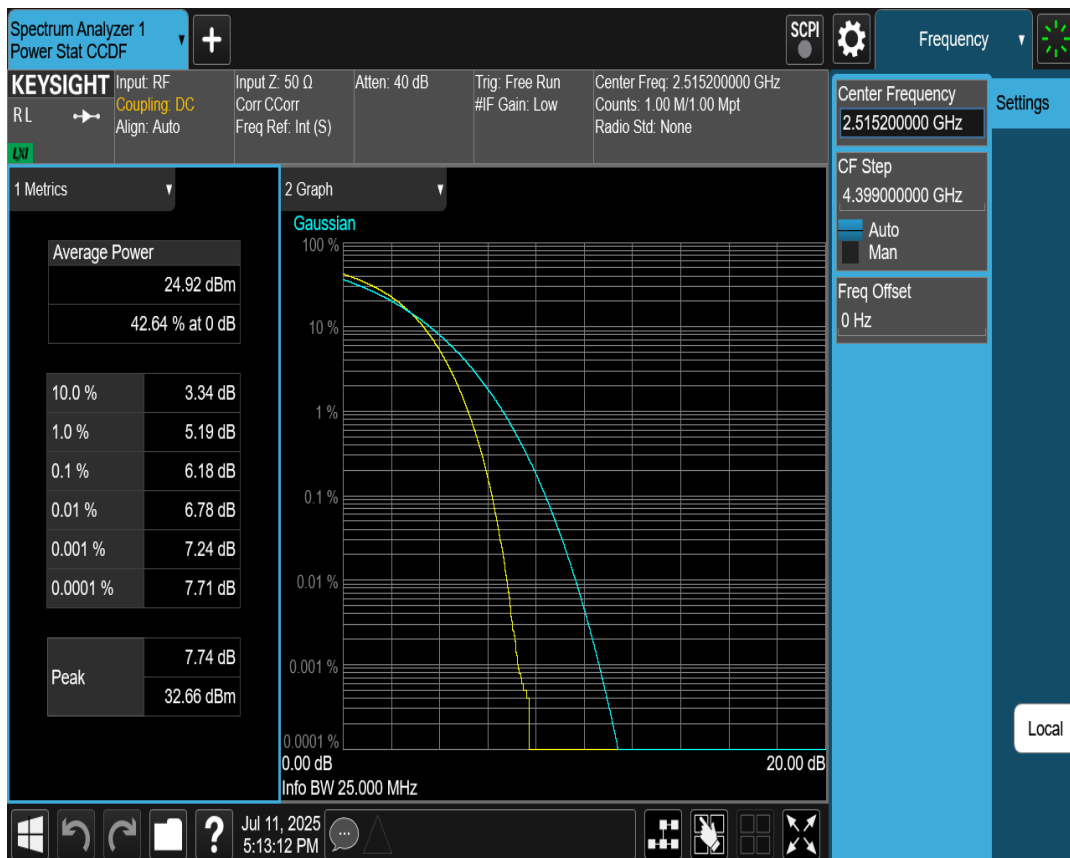
7C QPSK PCC BW=15MHz Ch=2828 RB=75@0,SCC BW=20MHz Ch=2999 RB=100@0



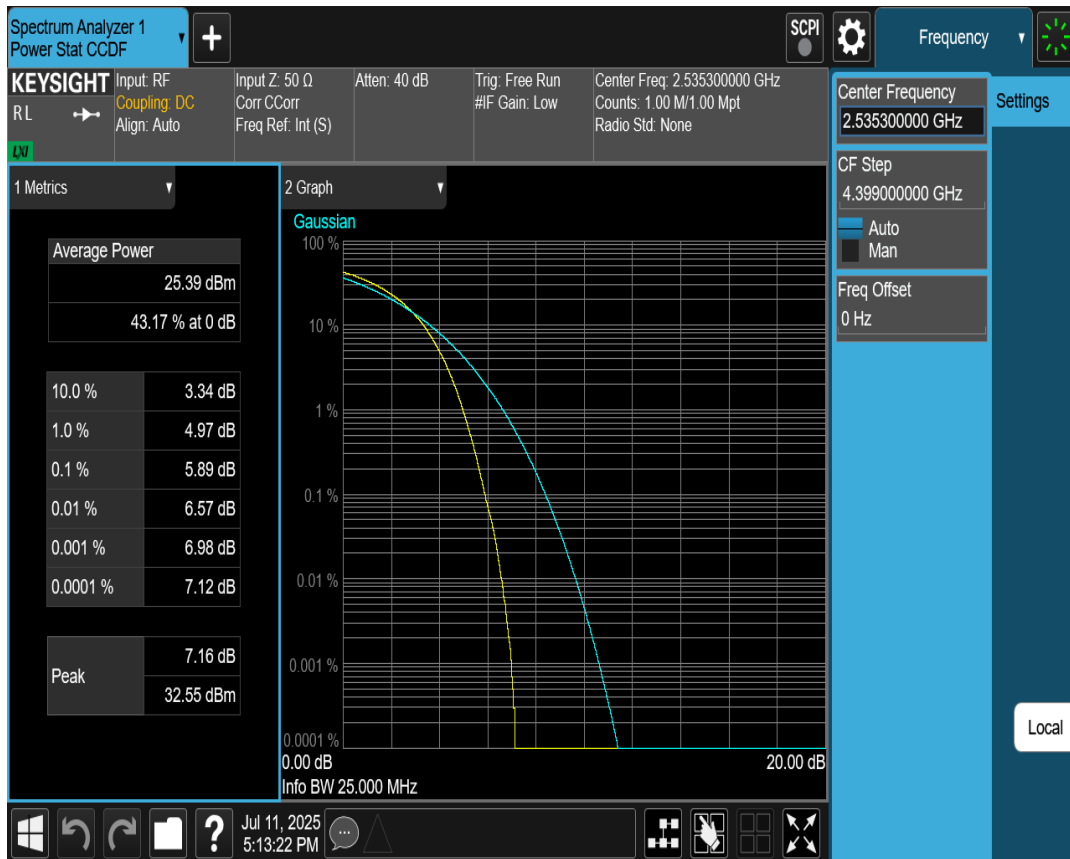
7C QPSK PCC BW=10MHz Ch=3206 RB=50@0,SCC BW=20MHz Ch=3350 RB=100@0



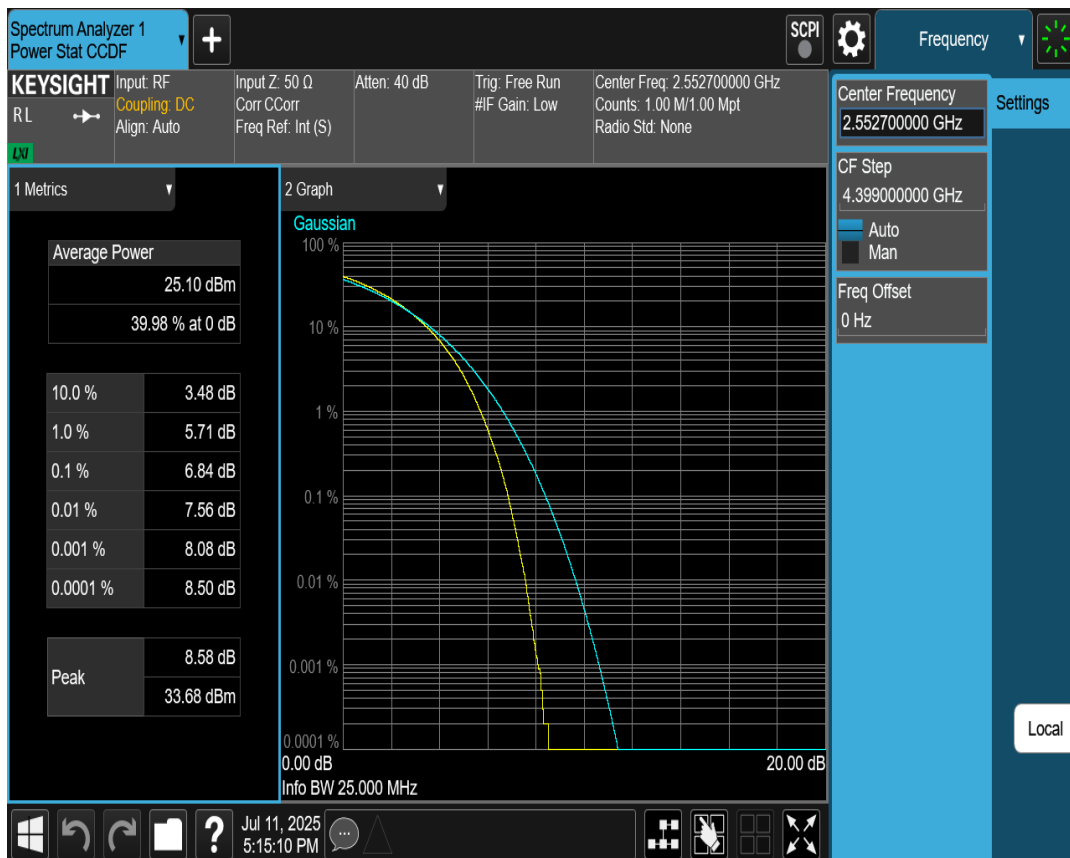
7C QPSK PCC BW=10MHz Ch=2805 RB=50@0,SCC BW=20MHz Ch=2949 RB=100@0



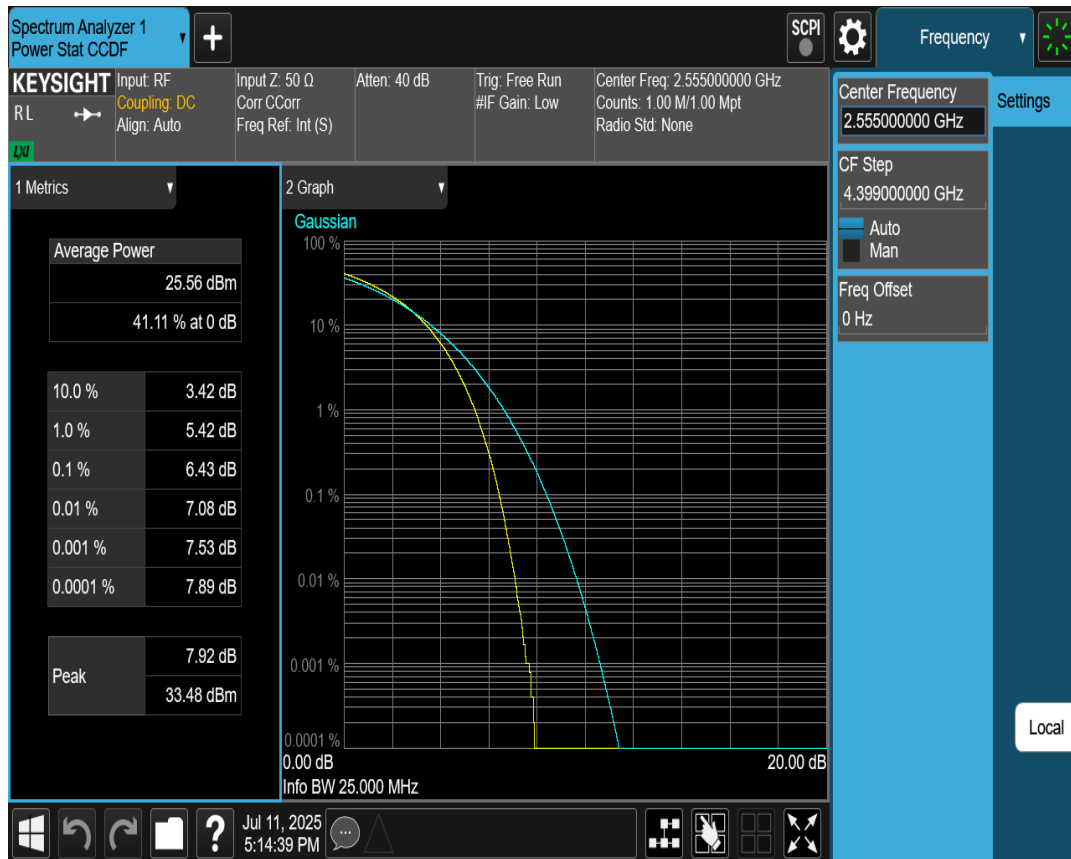
7C QPSK PCC BW=10MHz Ch=3006 RB=50@0,SCC BW=20MHz Ch=3150 RB=100@0



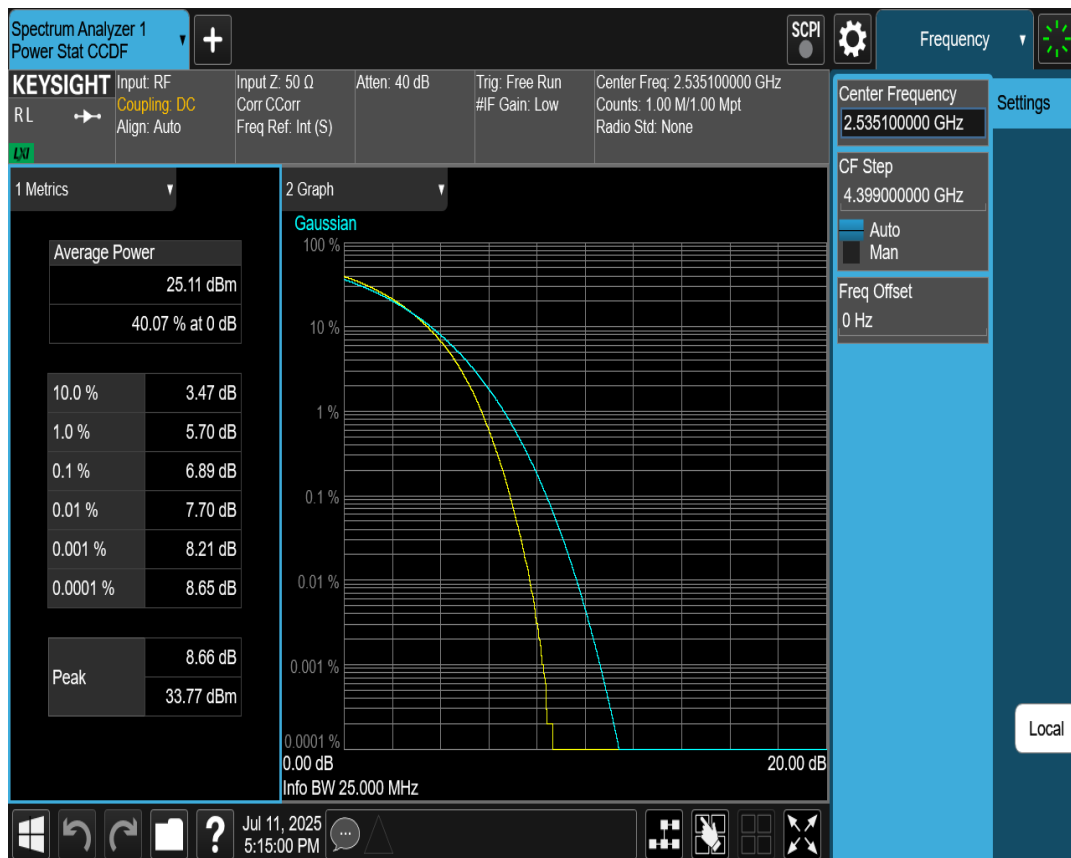
7C QPSK PCC BW=15MHz Ch=3179 RB=75@0,SCC BW=20MHz Ch=3350 RB=100@0



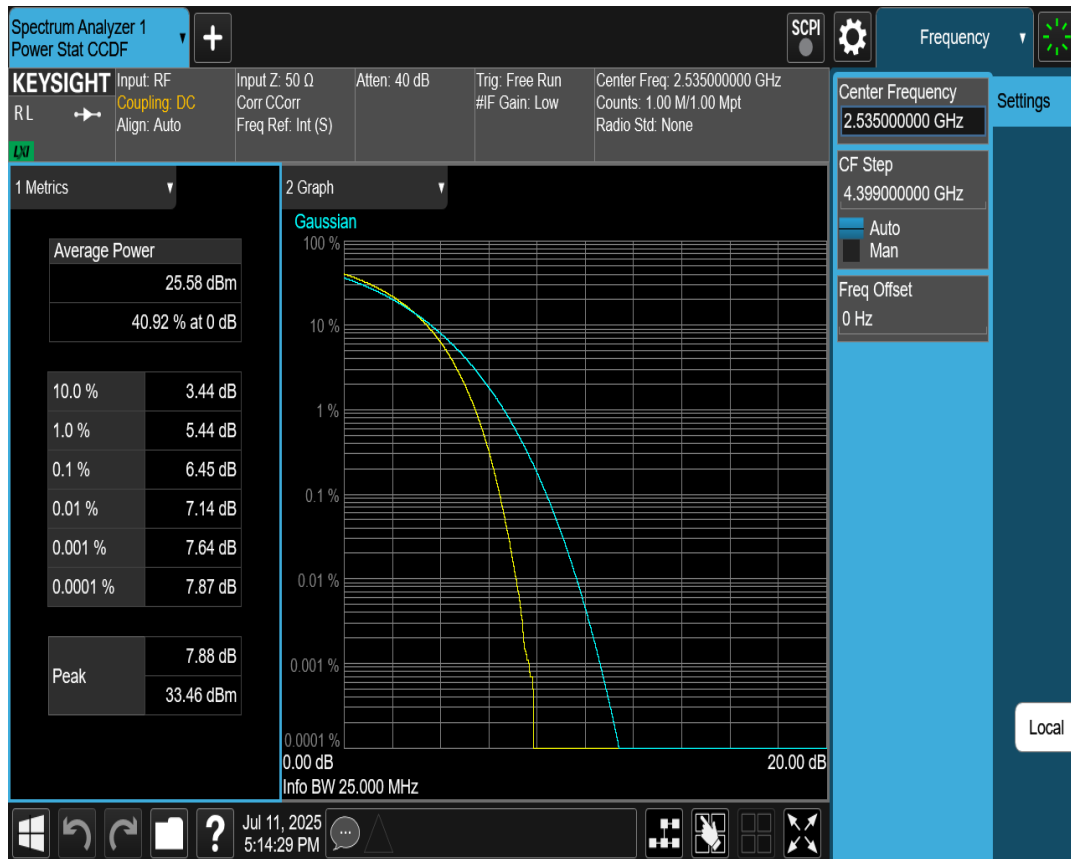
7C QPSK PCC BW=15MHz Ch=3225 RB=75@0,SCC BW=15MHz Ch=3375 RB=75@0



7C QPSK PCC BW=15MHz Ch=3003 RB=75@0,SCC BW=20MHz Ch=3174 RB=100@0



7C QPSK PCC BW=15MHz Ch=3025 RB=75@0,SCC BW=15MHz Ch=3175 RB=75@0



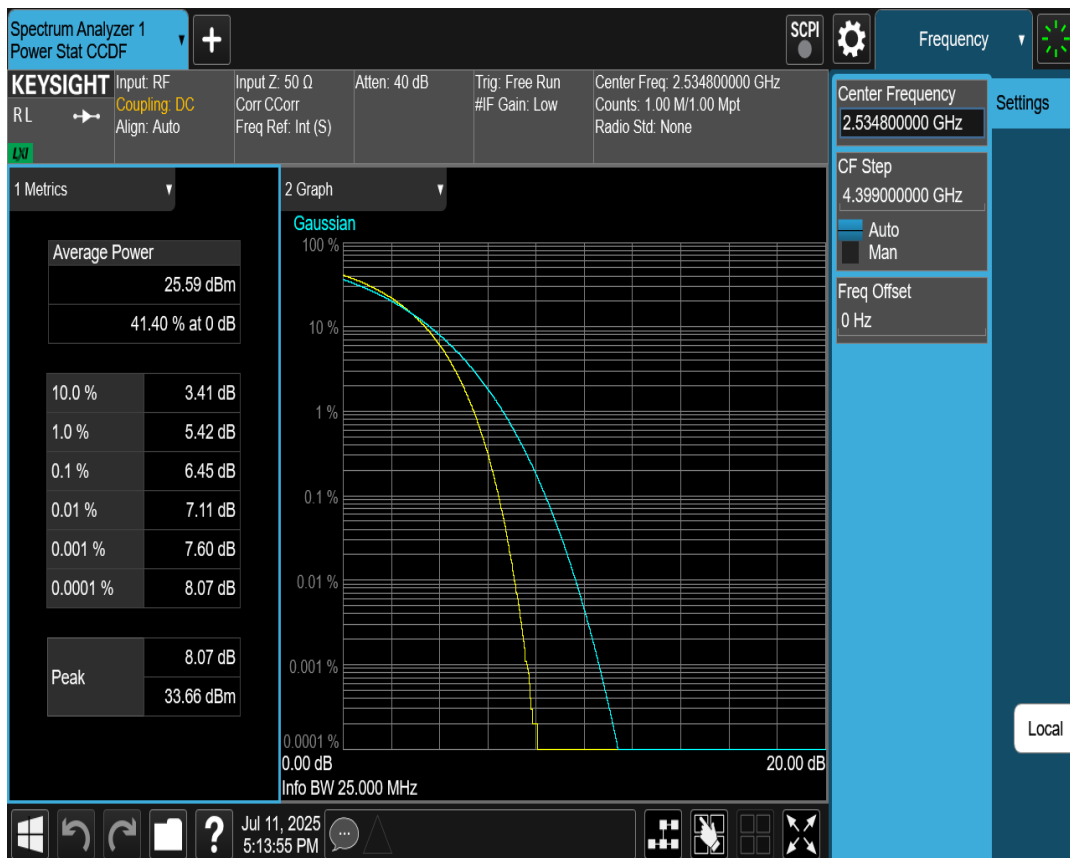
7C QPSK PCC BW=20MHz Ch=3001 RB=100@0,SCC BW=20MHz Ch=3199 RB=100@0



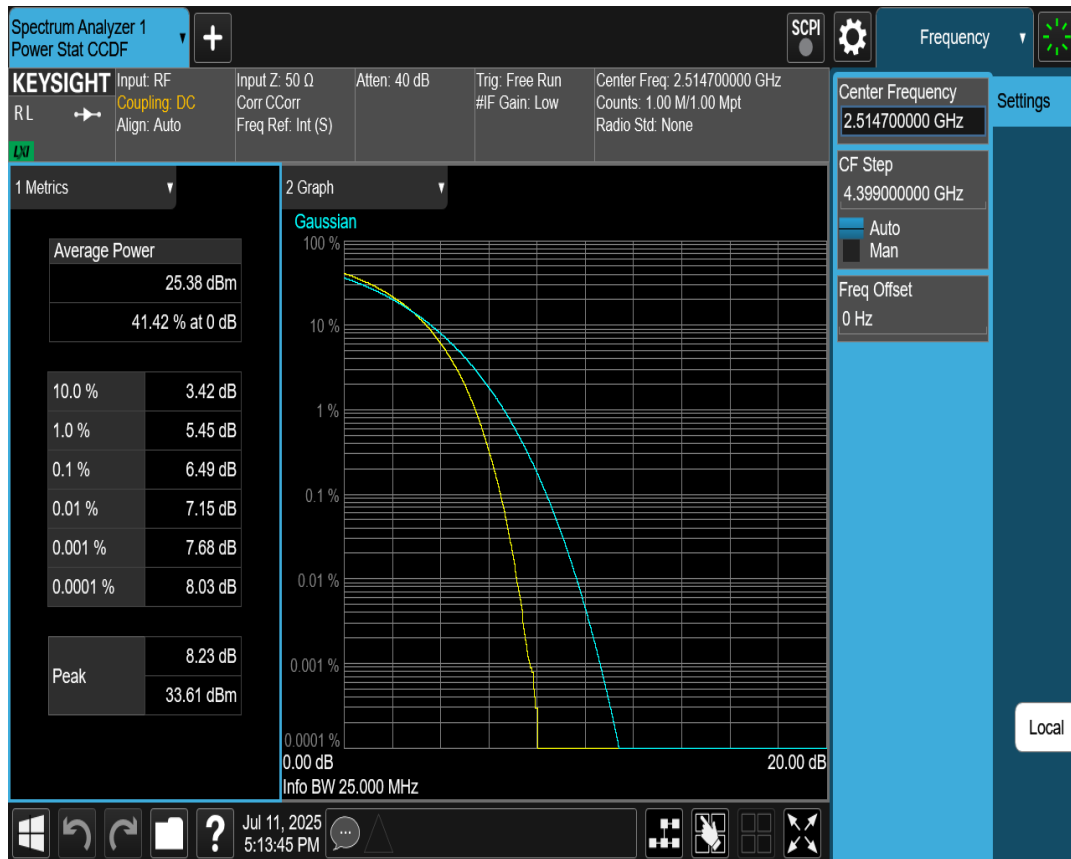
7C QPSK PCC BW=20MHz Ch=3026 RB=100@0,SCC BW=15MHz Ch=3197 RB=75@0



7C QPSK PCC BW=20MHz Ch=3051 RB=100@0,SCC BW=10MHz Ch=3195 RB=50@0



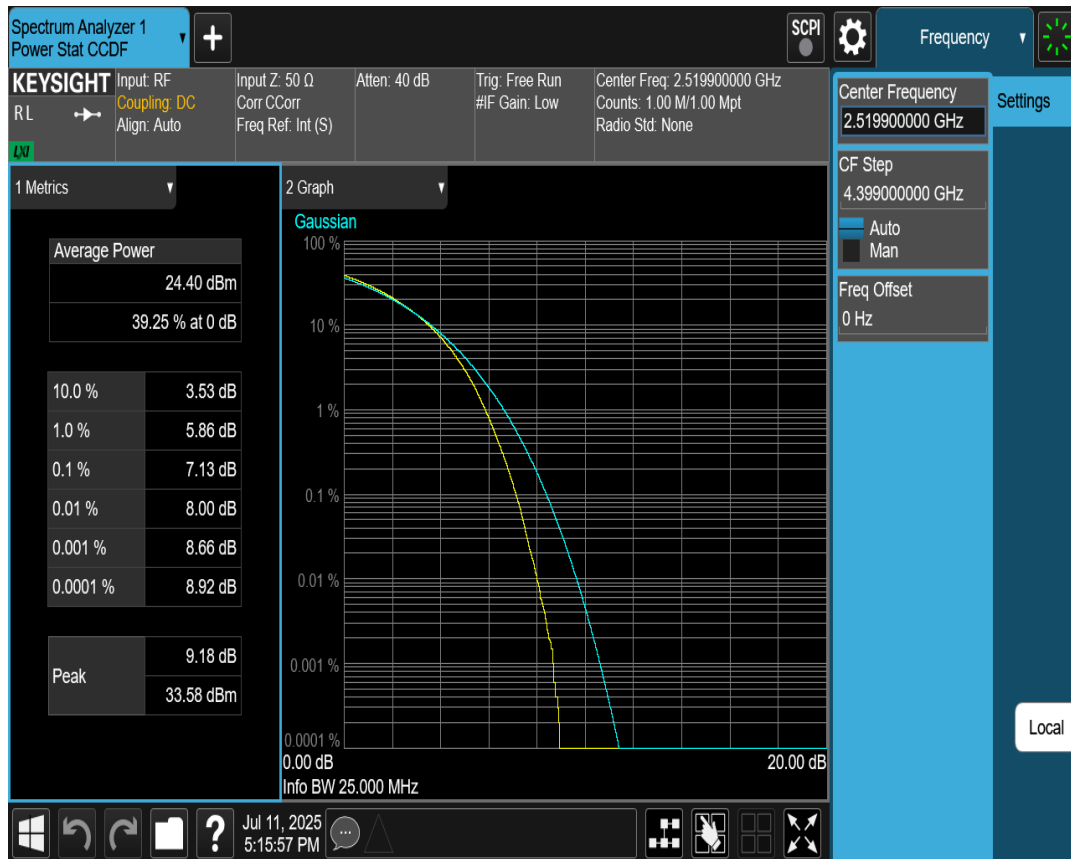
7C QPSK PCC BW=20MHz Ch=2850 RB=100@0,SCC BW=10MHz Ch=2994 RB=50@0



7C QPSK PCC BW=20MHz Ch=2850 RB=100@0,SCC BW=15MHz Ch=3021 RB=75@0



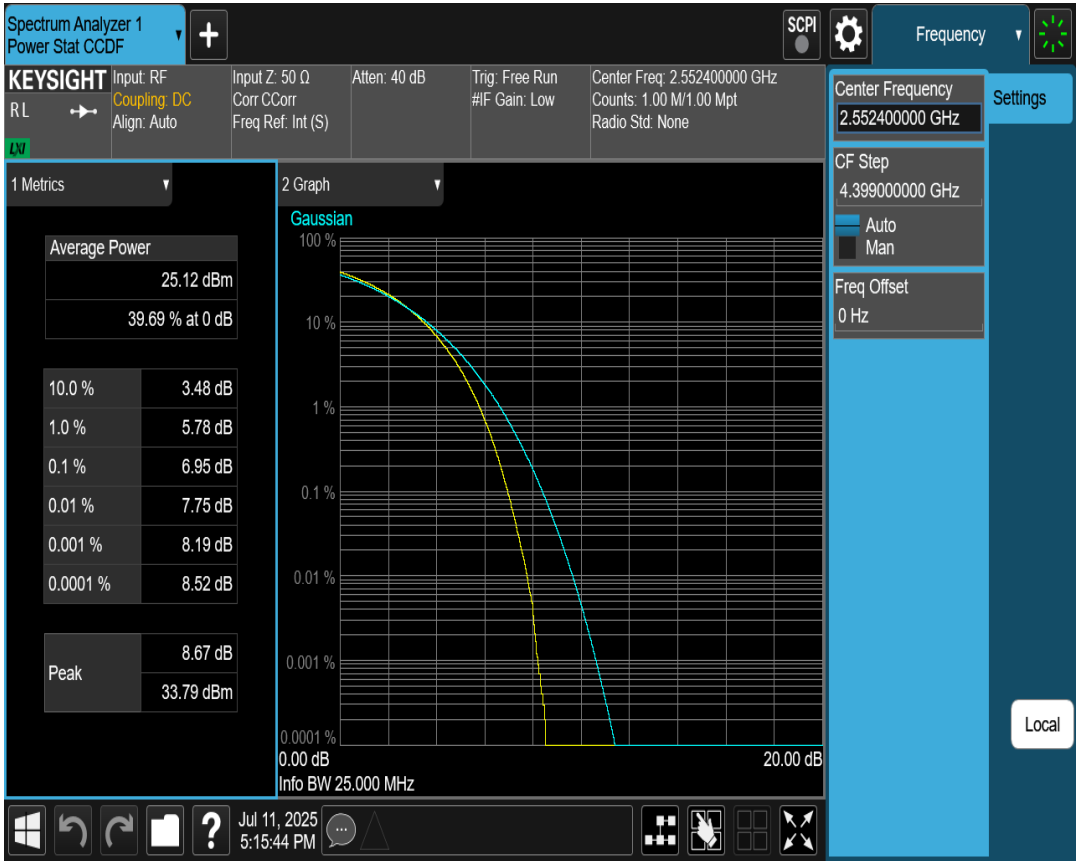
7C QPSK PCC BW=20MHz Ch=2850 RB=100@0,SCC BW=20MHz Ch=3048 RB=100@0



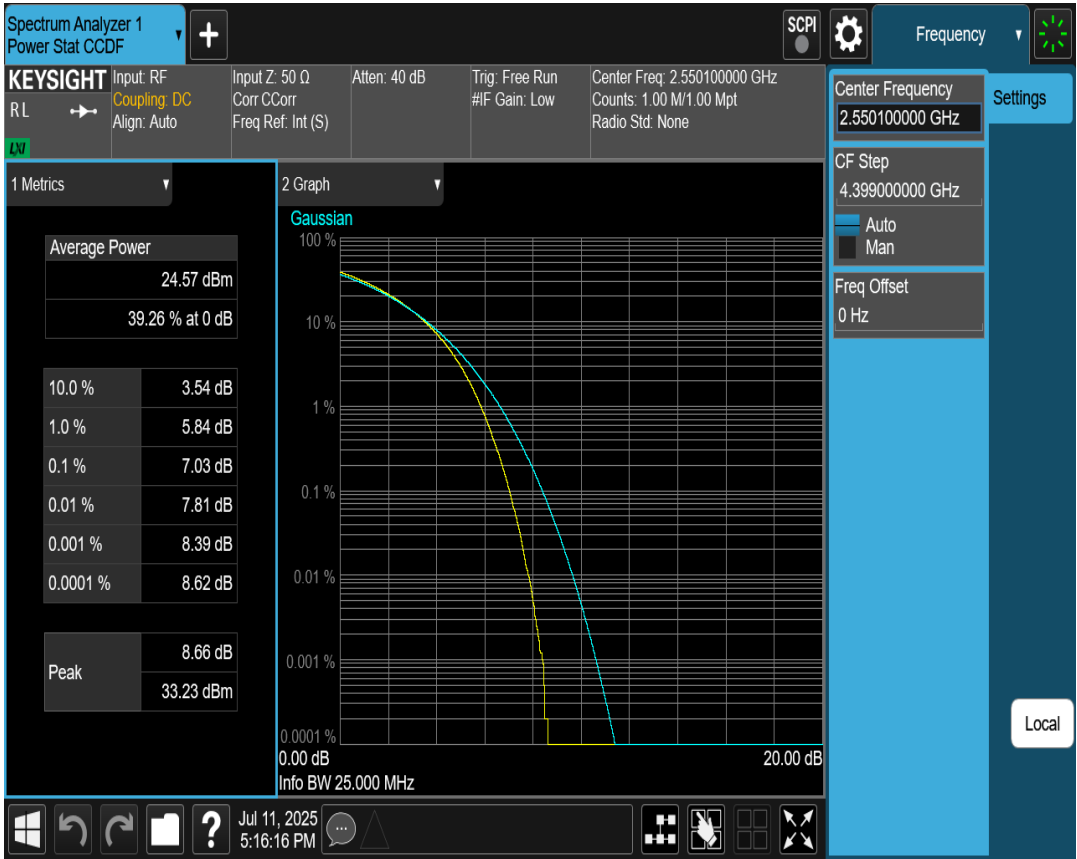
7C QPSK PCC BW=20MHz Ch=3251 RB=100@0,SCC BW=10MHz Ch=3395 RB=50@0



7C QPSK PCC BW=20MHz Ch=3201 RB=100@0,SCC BW=15MHz Ch=3372 RB=75@0



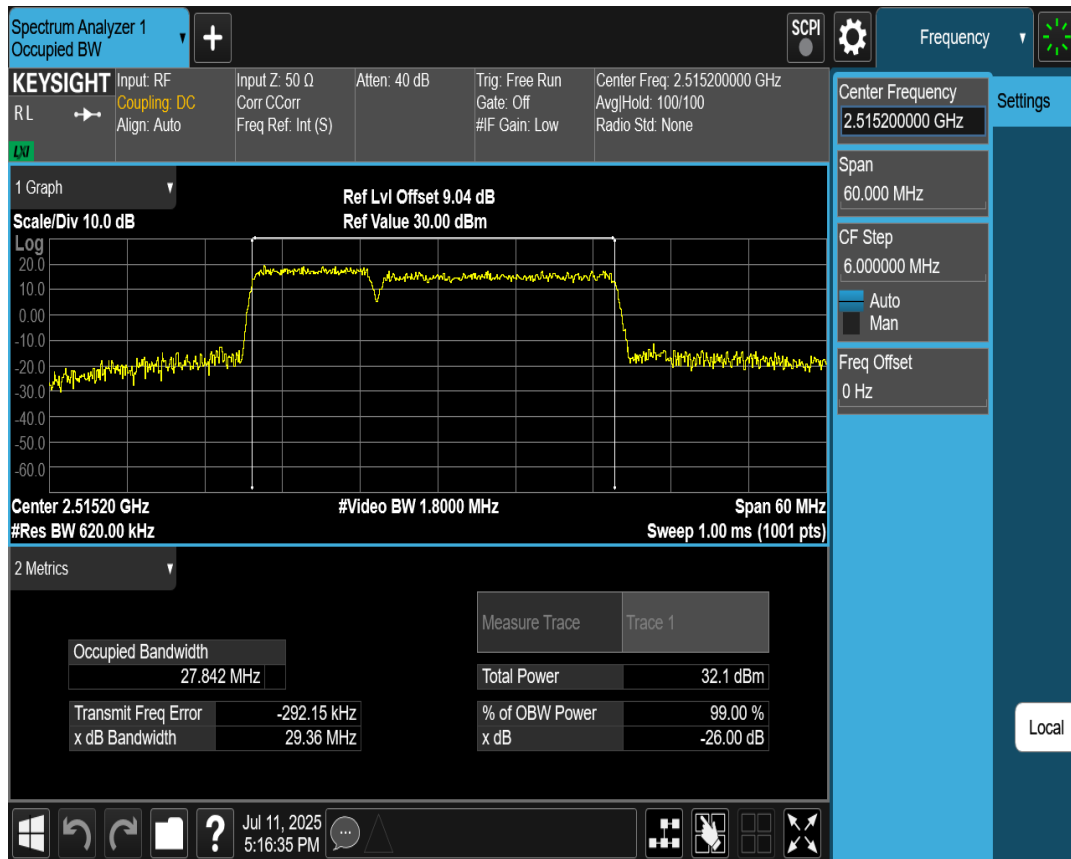
7C QPSK PCC BW=20MHz Ch=3152 RB=100@0,SCC BW=20MHz Ch=3350 RB=100@0



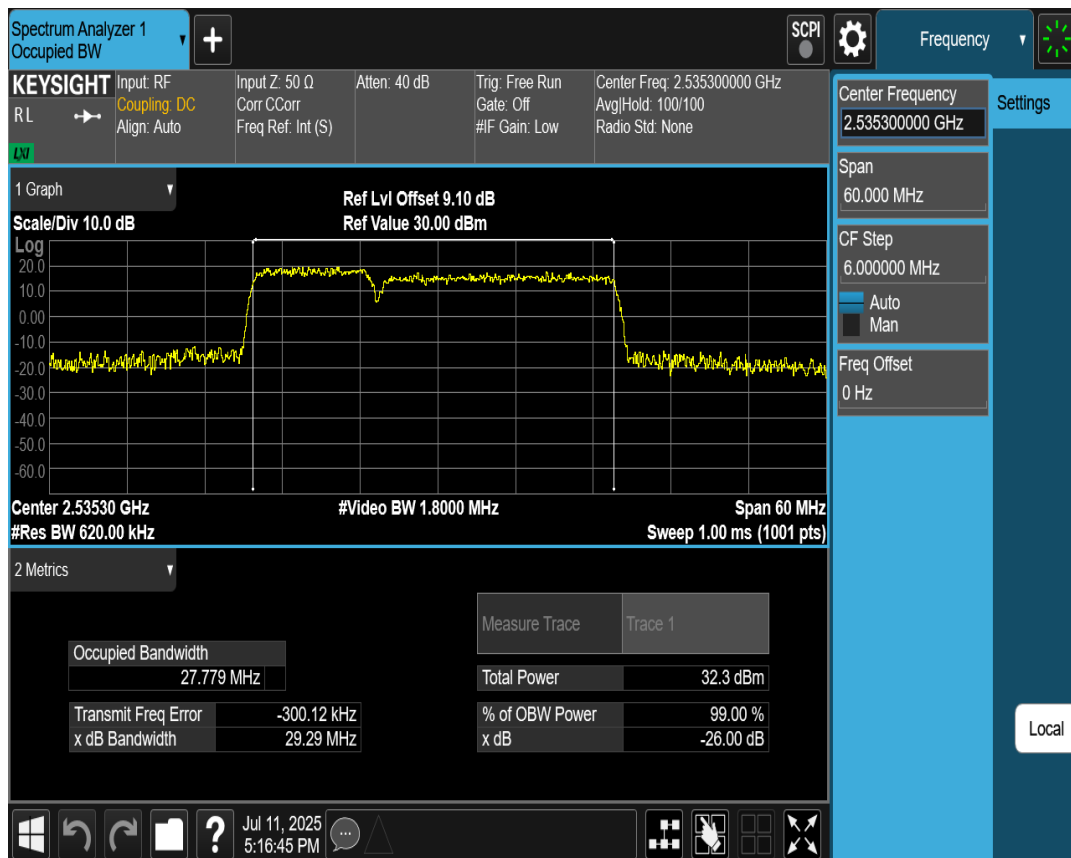
## 04 Occupied bandwidth for intra-band contiguous CA

| Band | PCC<br>BW<br>(MHz) | PCC<br>Ch | PCC<br>RB | SCC<br>BW<br>(MHz) | SCC<br>Ch | SCC<br>RB | Modulation | 99%<br>OBW<br>(MHz) | -26dB<br>EBW<br>(MHz) | Verdict |
|------|--------------------|-----------|-----------|--------------------|-----------|-----------|------------|---------------------|-----------------------|---------|
| 7C   | 10                 | 2805      | 50@0      | 20                 | 2949      | 100@0     | QPSK       | 27.883              | 29.306                | PASS    |
| 7C   | 10                 | 2805      | 50@0      | 20                 | 2949      | 100@0     | 16QAM      | 27.842              | 29.359                | PASS    |
| 7C   | 10                 | 3006      | 50@0      | 20                 | 3150      | 100@0     | QPSK       | 27.912              | 29.562                | PASS    |
| 7C   | 10                 | 3006      | 50@0      | 20                 | 3150      | 100@0     | 16QAM      | 27.779              | 29.295                | PASS    |
| 7C   | 10                 | 3206      | 50@0      | 20                 | 3350      | 100@0     | QPSK       | 27.910              | 29.350                | PASS    |
| 7C   | 10                 | 3206      | 50@0      | 20                 | 3350      | 100@0     | 16QAM      | 27.768              | 29.307                | PASS    |
| 7C   | 20                 | 2850      | 100@0     | 10                 | 2994      | 50@0      | QPSK       | 27.814              | 29.198                | PASS    |
| 7C   | 20                 | 2850      | 100@0     | 10                 | 2994      | 50@0      | 16QAM      | 27.740              | 29.241                | PASS    |
| 7C   | 20                 | 3051      | 100@0     | 10                 | 3195      | 50@0      | QPSK       | 27.816              | 29.345                | PASS    |
| 7C   | 20                 | 3051      | 100@0     | 10                 | 3195      | 50@0      | 16QAM      | 27.810              | 29.237                | PASS    |
| 7C   | 20                 | 3251      | 100@0     | 10                 | 3395      | 50@0      | QPSK       | 27.813              | 29.528                | PASS    |
| 7C   | 20                 | 3251      | 100@0     | 10                 | 3395      | 50@0      | 16QAM      | 27.860              | 29.310                | PASS    |
| 7C   | 15                 | 2825      | 75@0      | 15                 | 2975      | 75@0      | QPSK       | 28.358              | 30.073                | PASS    |
| 7C   | 15                 | 2825      | 75@0      | 15                 | 2975      | 75@0      | 16QAM      | 28.335              | 29.930                | PASS    |
| 7C   | 15                 | 3025      | 75@0      | 15                 | 3175      | 75@0      | QPSK       | 28.365              | 29.918                | PASS    |
| 7C   | 15                 | 3025      | 75@0      | 15                 | 3175      | 75@0      | 16QAM      | 28.396              | 29.858                | PASS    |
| 7C   | 15                 | 3225      | 75@0      | 15                 | 3375      | 75@0      | QPSK       | 28.446              | 29.877                | PASS    |
| 7C   | 15                 | 3225      | 75@0      | 15                 | 3375      | 75@0      | 16QAM      | 28.436              | 30.112                | PASS    |
| 7C   | 15                 | 2828      | 75@0      | 20                 | 2999      | 100@0     | QPSK       | 32.837              | 34.959                | PASS    |
| 7C   | 15                 | 2828      | 75@0      | 20                 | 2999      | 100@0     | 16QAM      | 32.796              | 34.514                | PASS    |
| 7C   | 15                 | 3003      | 75@0      | 20                 | 3174      | 100@0     | QPSK       | 32.814              | 34.482                | PASS    |
| 7C   | 15                 | 3003      | 75@0      | 20                 | 3174      | 100@0     | 16QAM      | 32.693              | 34.492                | PASS    |
| 7C   | 15                 | 3179      | 75@0      | 20                 | 3350      | 100@0     | QPSK       | 32.777              | 34.525                | PASS    |
| 7C   | 15                 | 3179      | 75@0      | 20                 | 3350      | 100@0     | 16QAM      | 32.812              | 34.668                | PASS    |
| 7C   | 20                 | 2850      | 100@0     | 15                 | 3021      | 75@0      | QPSK       | 32.706              | 34.482                | PASS    |
| 7C   | 20                 | 2850      | 100@0     | 15                 | 3021      | 75@0      | 16QAM      | 32.779              | 34.523                | PASS    |
| 7C   | 20                 | 3026      | 100@0     | 15                 | 3197      | 75@0      | QPSK       | 32.766              | 34.652                | PASS    |
| 7C   | 20                 | 3026      | 100@0     | 15                 | 3197      | 75@0      | 16QAM      | 32.721              | 34.507                | PASS    |
| 7C   | 20                 | 3201      | 100@0     | 15                 | 3372      | 75@0      | QPSK       | 32.768              | 34.621                | PASS    |
| 7C   | 20                 | 3201      | 100@0     | 15                 | 3372      | 75@0      | 16QAM      | 32.755              | 34.687                | PASS    |
| 7C   | 20                 | 2850      | 100@0     | 20                 | 3048      | 100@0     | QPSK       | 37.728              | 39.666                | PASS    |
| 7C   | 20                 | 2850      | 100@0     | 20                 | 3048      | 100@0     | 16QAM      | 37.676              | 39.674                | PASS    |
| 7C   | 20                 | 3001      | 100@0     | 20                 | 3199      | 100@0     | QPSK       | 37.704              | 39.785                | PASS    |
| 7C   | 20                 | 3001      | 100@0     | 20                 | 3199      | 100@0     | 16QAM      | 37.571              | 39.593                | PASS    |
| 7C   | 20                 | 3152      | 100@0     | 20                 | 3350      | 100@0     | QPSK       | 37.653              | 39.581                | PASS    |
| 7C   | 20                 | 3152      | 100@0     | 20                 | 3350      | 100@0     | 16QAM      | 37.697              | 39.590                | PASS    |

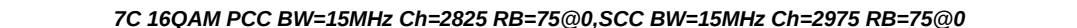
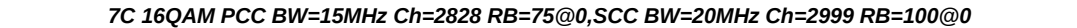
7C 16QAM PCC BW=10MHz Ch=2805 RB=50@0, SCC BW=20MHz Ch=2949 RB=100@0

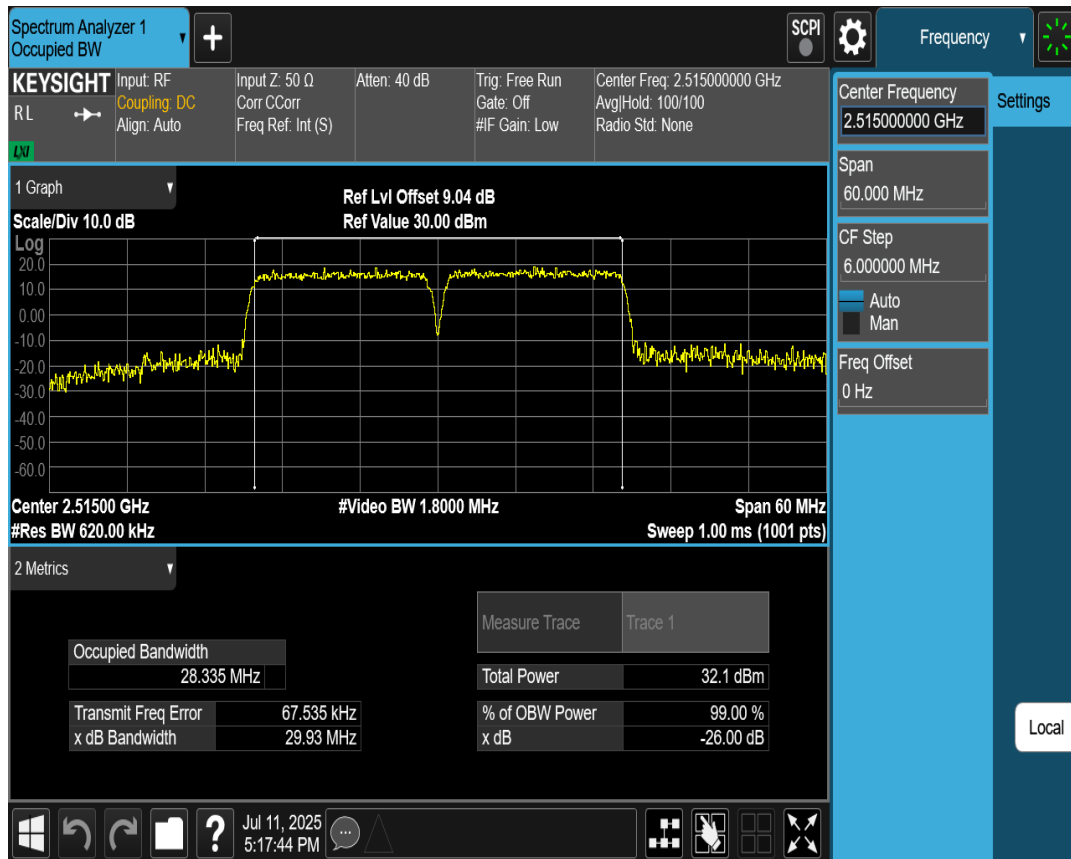


7C 16QAM PCC BW=10MHz Ch=3006 RB=50@0,SCC BW=20MHz Ch=3150 RB=100@0

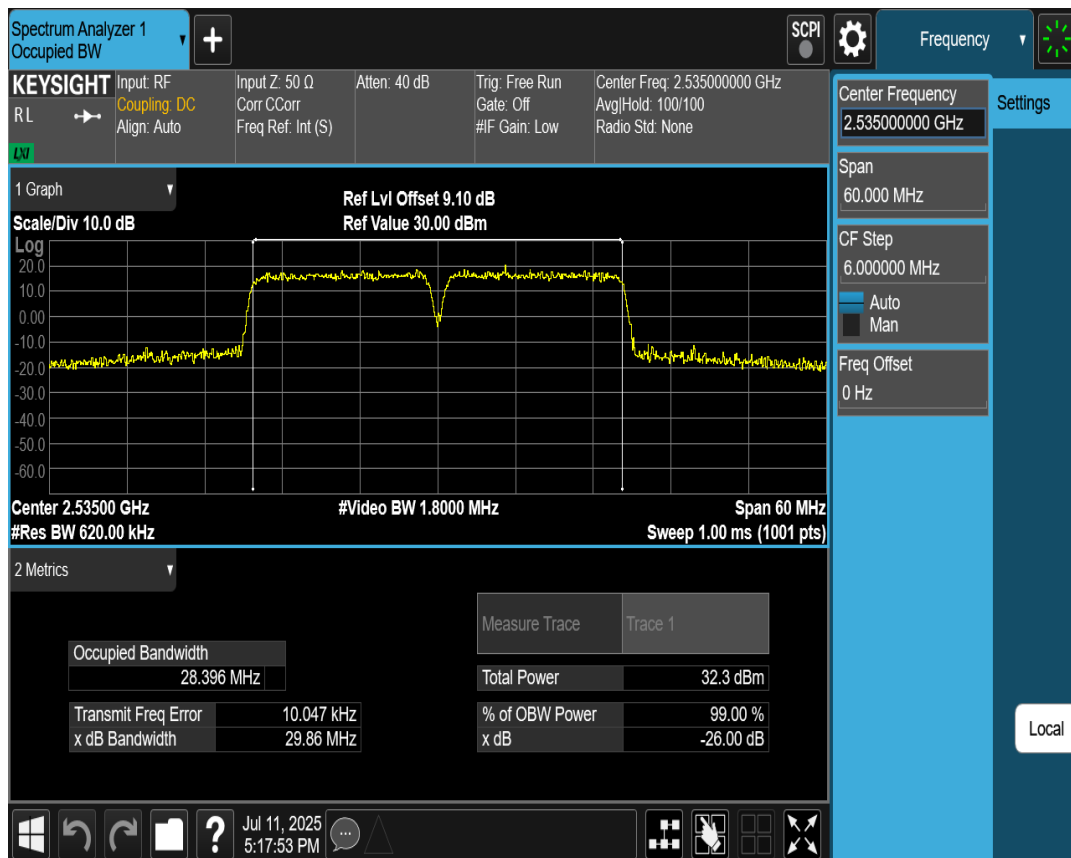


7C 16QAM PCC BW=10MHz Ch=3206 RB=50@0,SCC BW=20MHz Ch=3350 RB=100@0

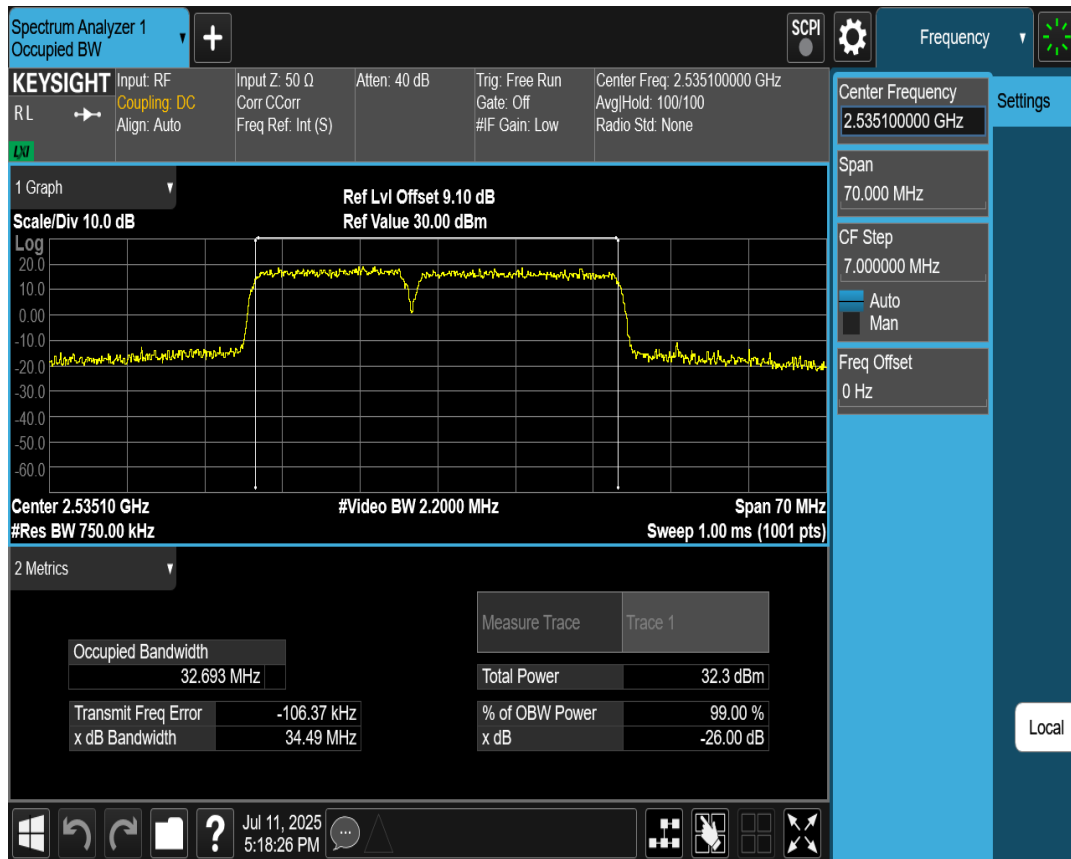




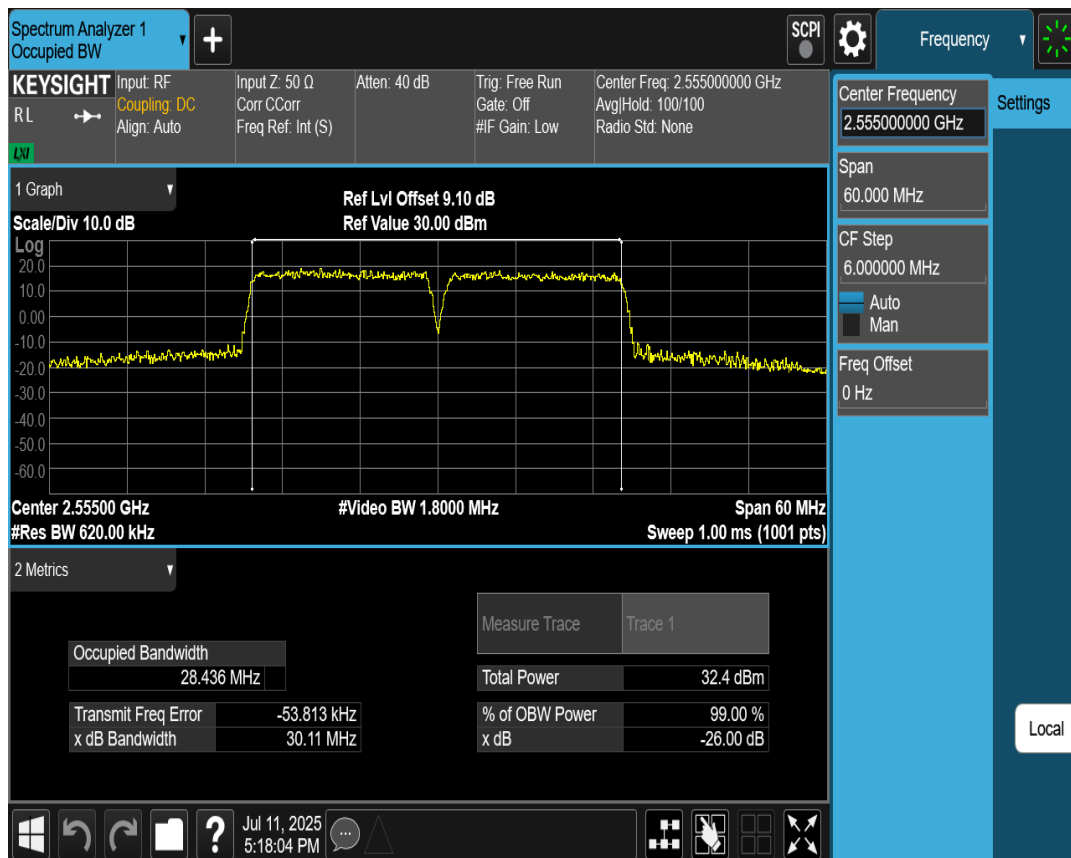
7C 16QAM PCC BW=15MHz Ch=3025 RB=75@0,SCC BW=15MHz Ch=3175 RB=75@0



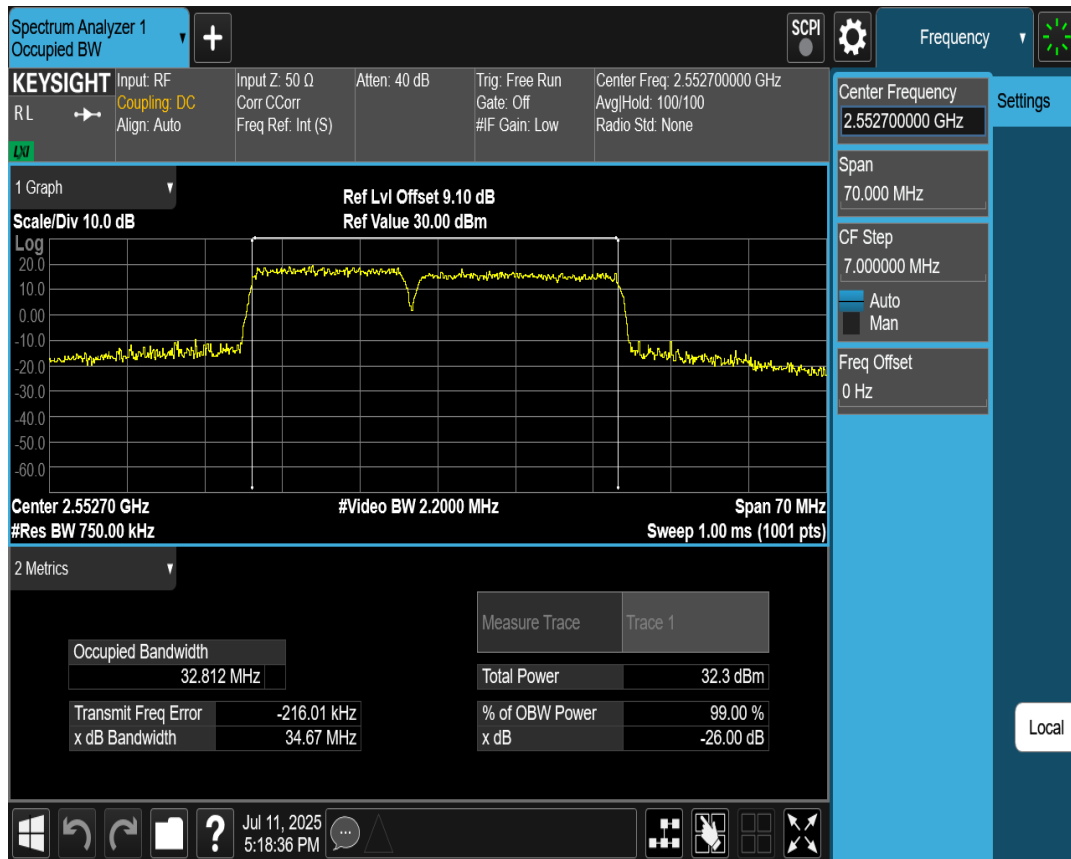
7C 16QAM PCC BW=15MHz Ch=3003 RB=75@0,SCC BW=20MHz Ch=3174 RB=100@0



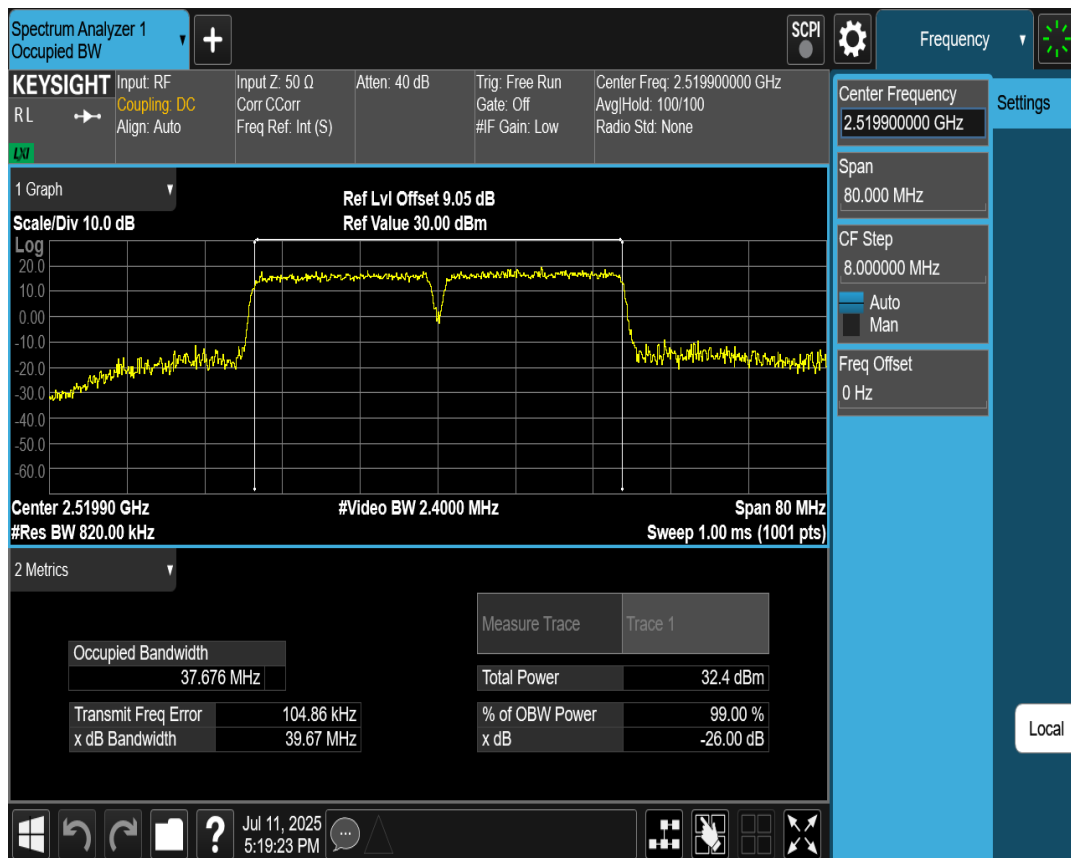
7C 16QAM PCC BW=15MHz Ch=3225 RB=75@0,SCC BW=15MHz Ch=3375 RB=75@0



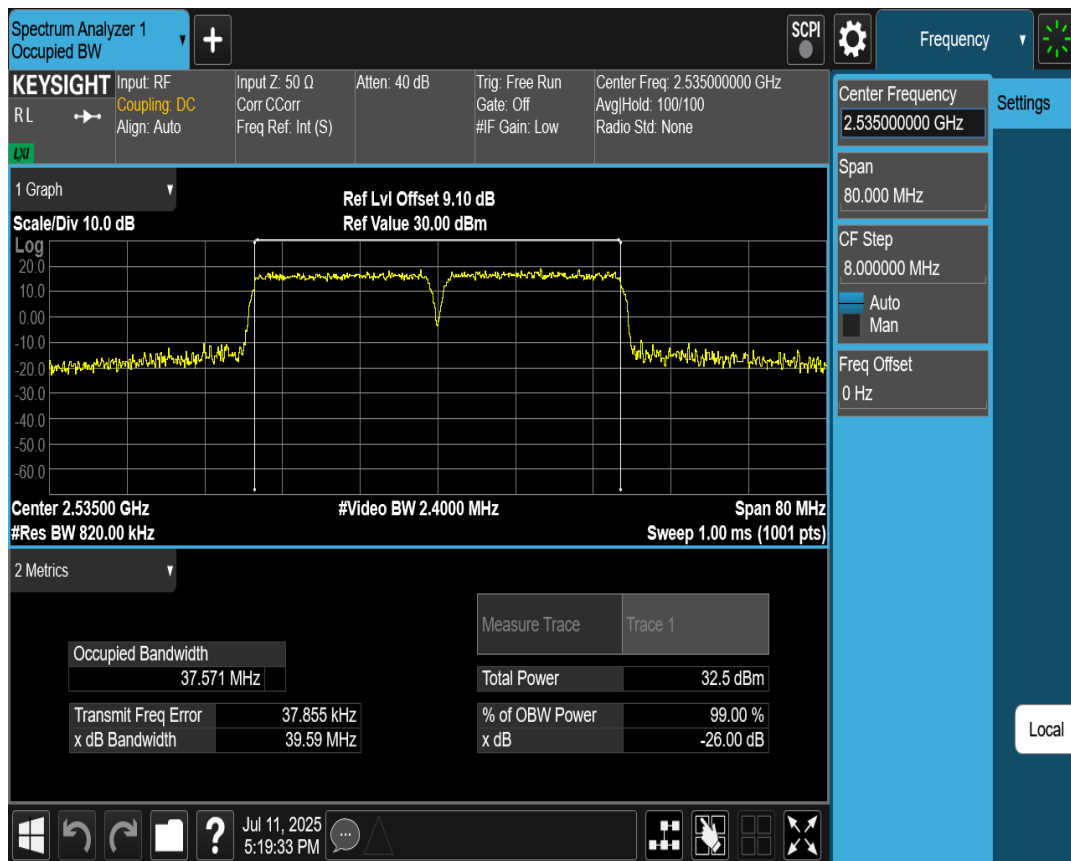
7C 16QAM PCC BW=15MHz Ch=3179 RB=75@0,SCC BW=20MHz Ch=3350 RB=100@0



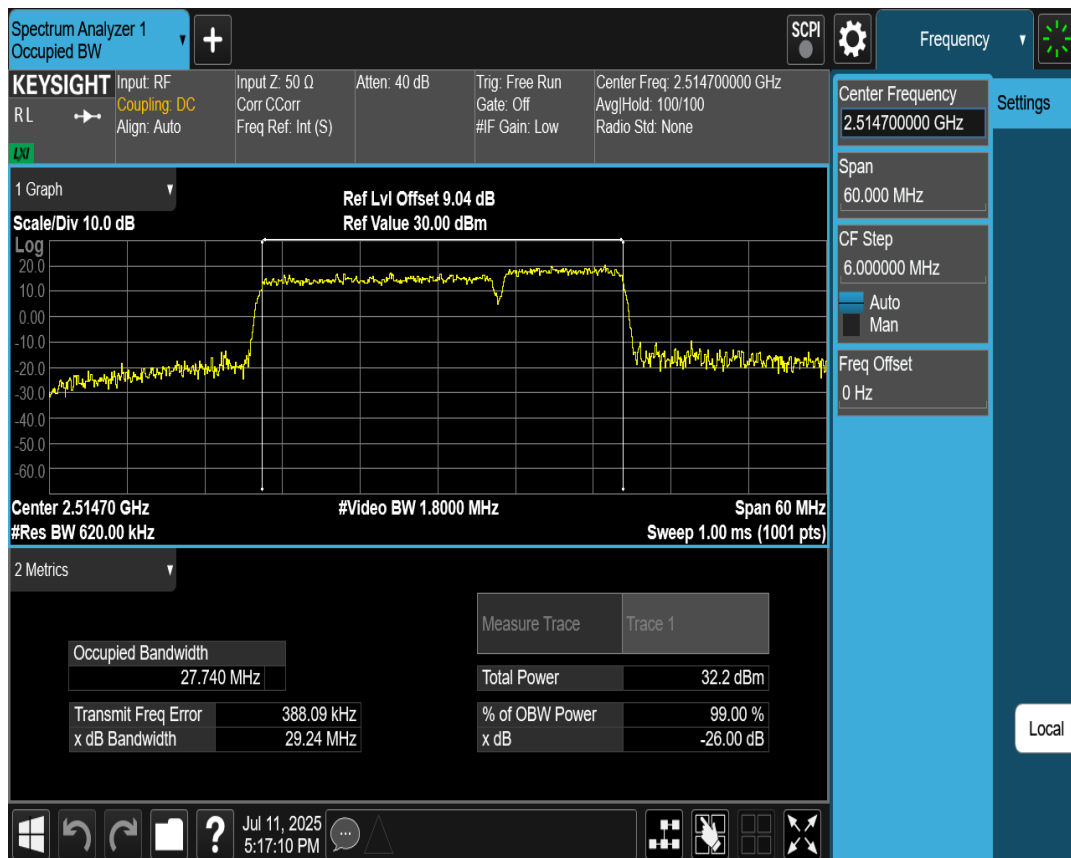
7C 16QAM PCC BW=20MHz Ch=2850 RB=100@0,SCC BW=20MHz Ch=3048 RB=100@0



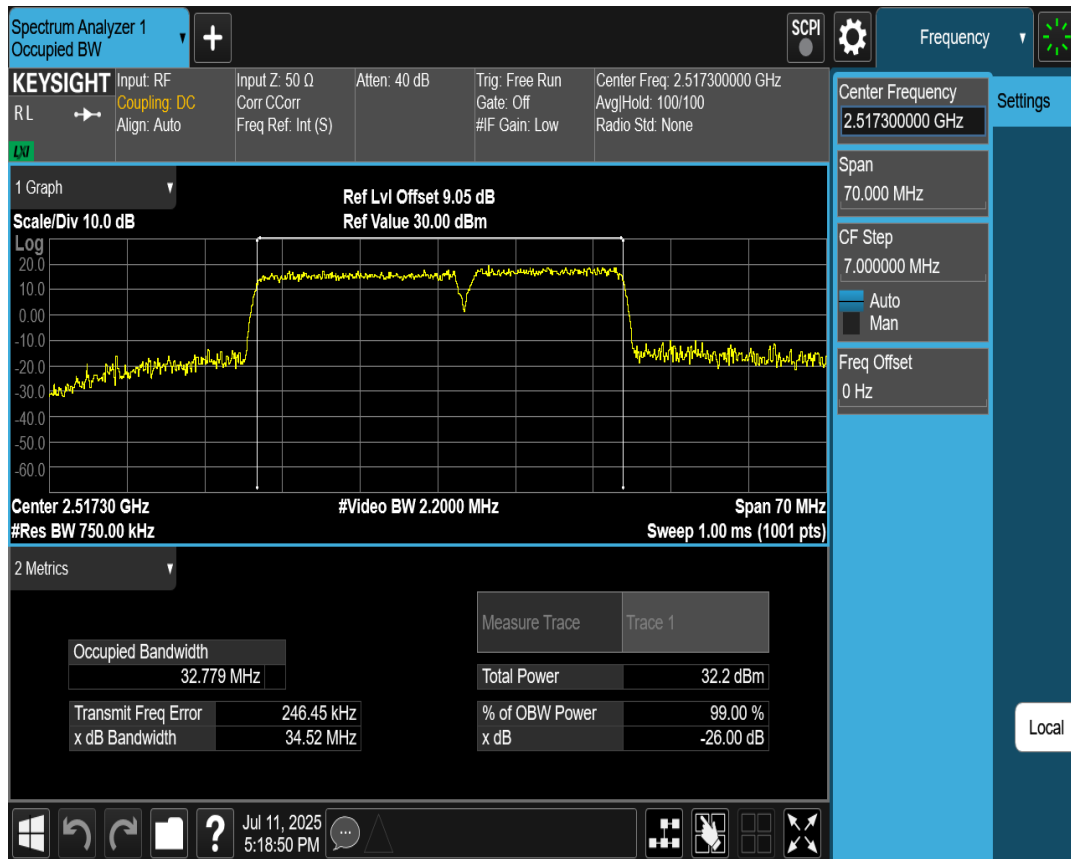
7C 16QAM PCC BW=20MHz Ch=3001 RB=100@0,SCC BW=20MHz Ch=3199 RB=100@0



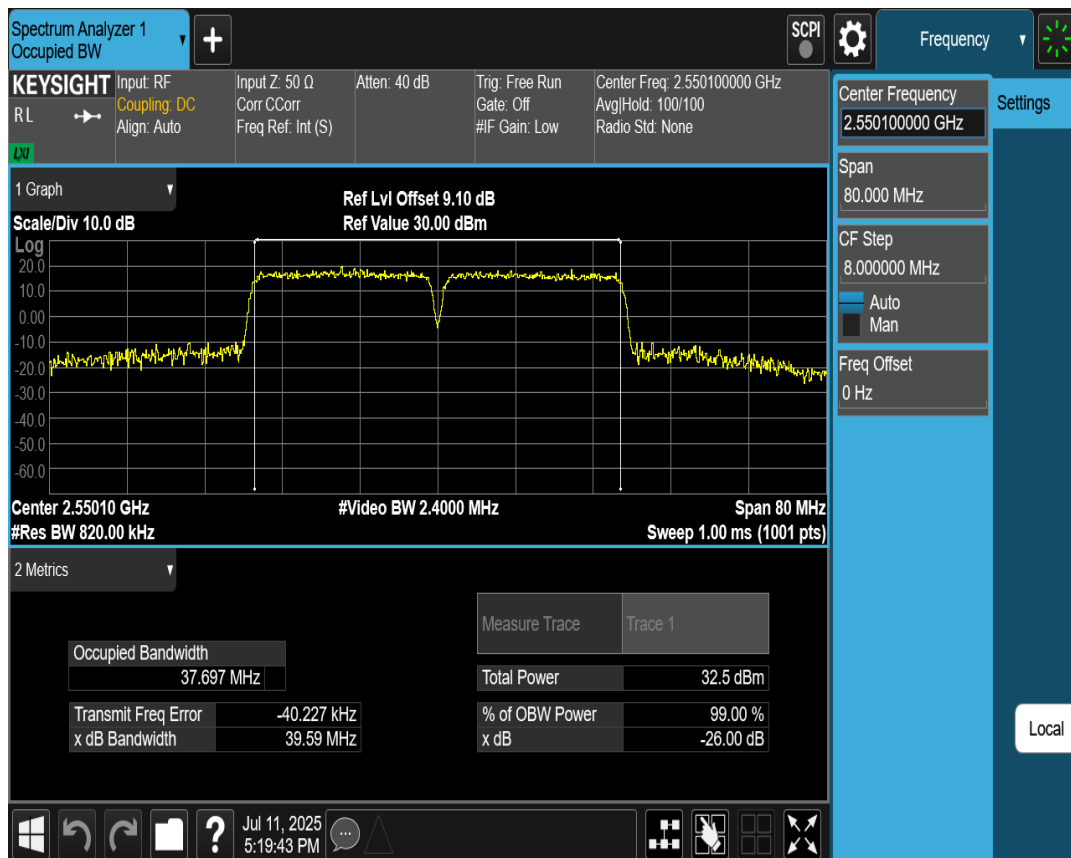
7C 16QAM PCC BW=20MHz Ch=2850 RB=100@0, SCC BW=10MHz Ch=2994 RB=50@0



7C 16QAM PCC BW=20MHz Ch=2850 RB=100@0, SCC BW=15MHz Ch=3021 RB=75@0



7C 16QAM PCC BW=20MHz Ch=3152 RB=100@0,SCC BW=20MHz Ch=3350 RB=100@0



7C 16QAM PCC BW=20MHz Ch=3051 RB=100@0,SCC BW=10MHz Ch=3195 RB=50@0