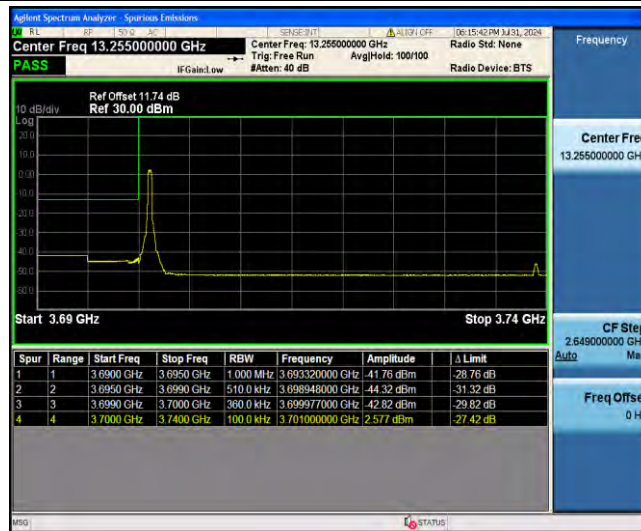
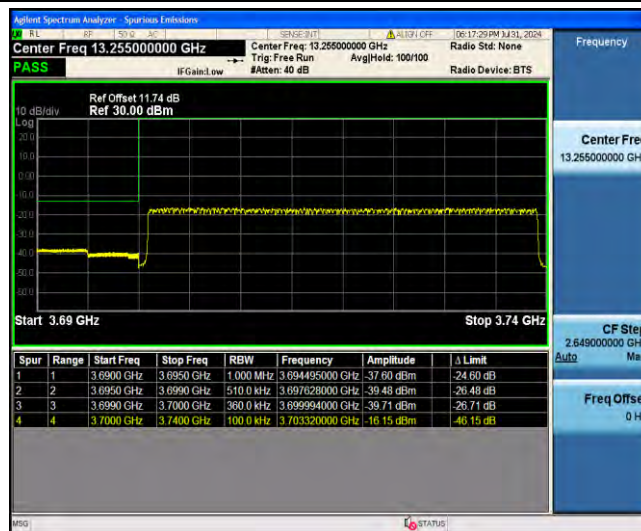
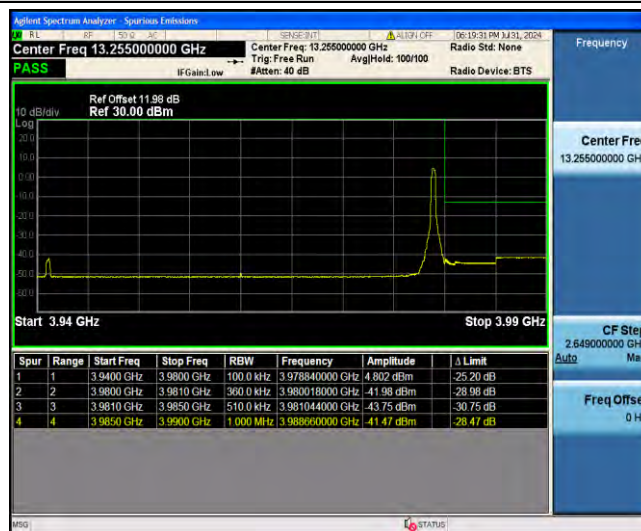




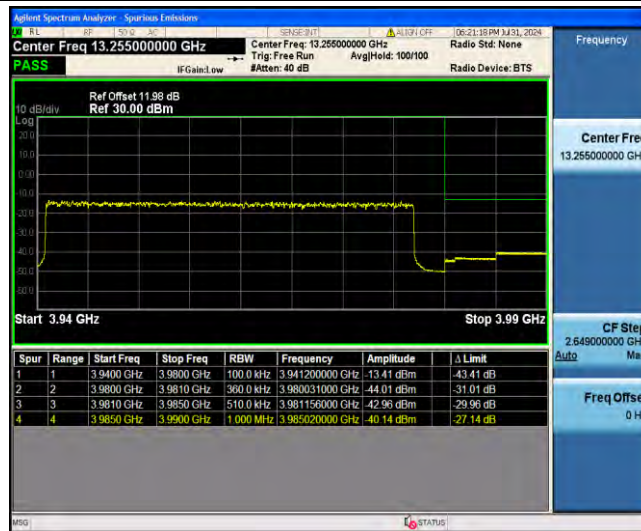
1-N77-3700-3980-PC3-30-40-L-4-CP-QPSK-Edge\_1RB\_Left-1@0-Ant1-3693.32-28.76--41.76-PASS



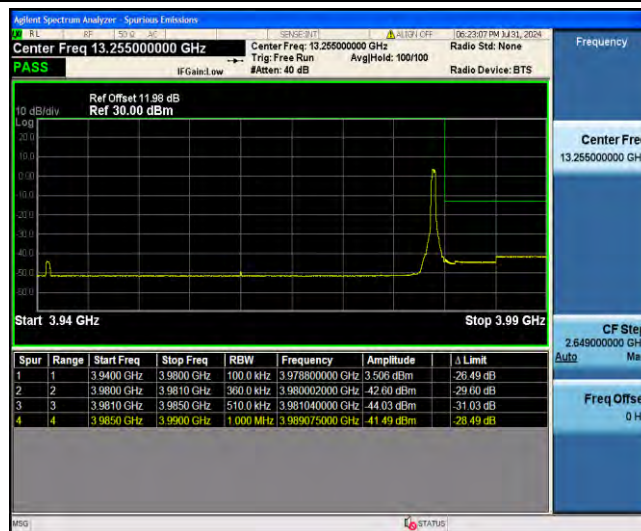
1-N77-3700-3980-PC3-30-40-L-6-CP-QPSK-Outer\_Full-106@0-Ant1-3694.50-24.60--37.60-PASS



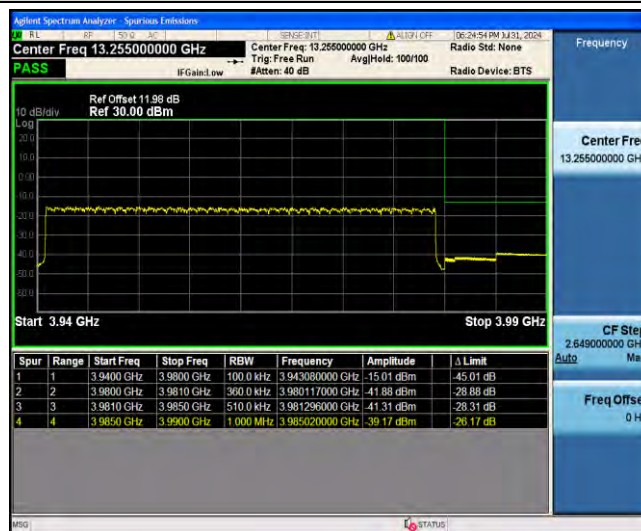
1-N77-3700-3980-PC3-30-40-H-2-DFT-PI2BPSK-Edge\_1RB\_Right-1@105-Ant1-3988.66-28.47--41.47-PAS



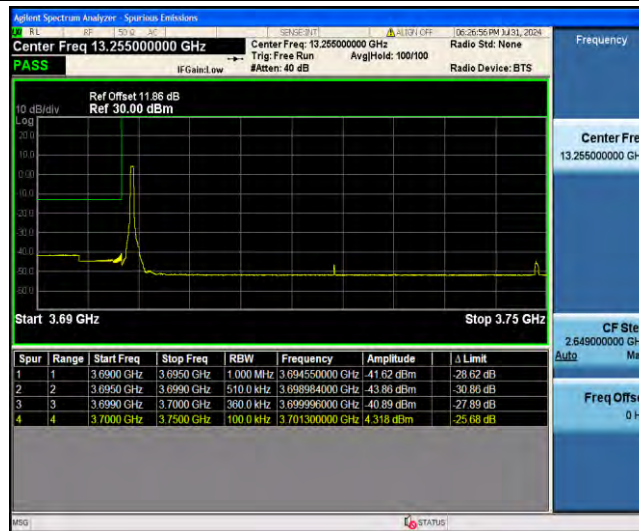
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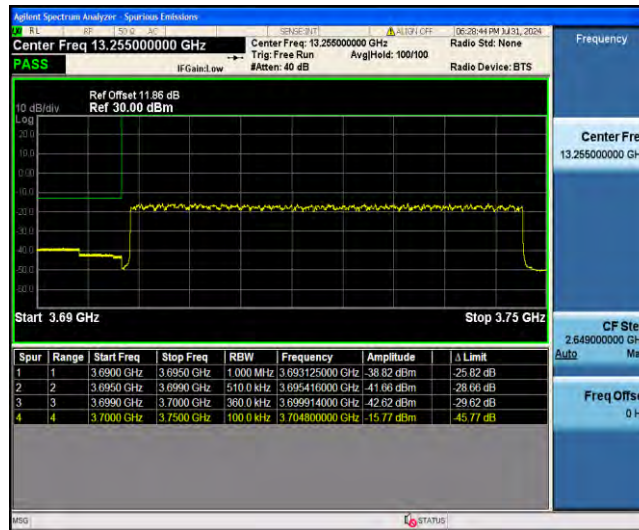
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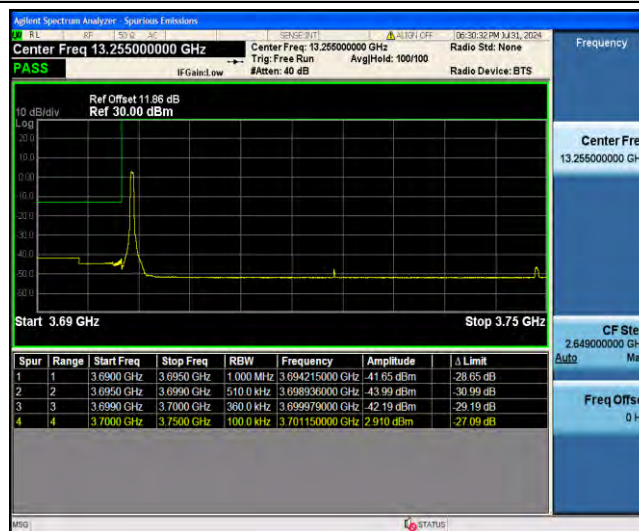
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1-N77-3700-3980-PC3-30-50-L-1-DFT-PI2BPSK-Edge\_1RB\_Left-1@0-Ant1-3700.00-27.89--40.89-PASS

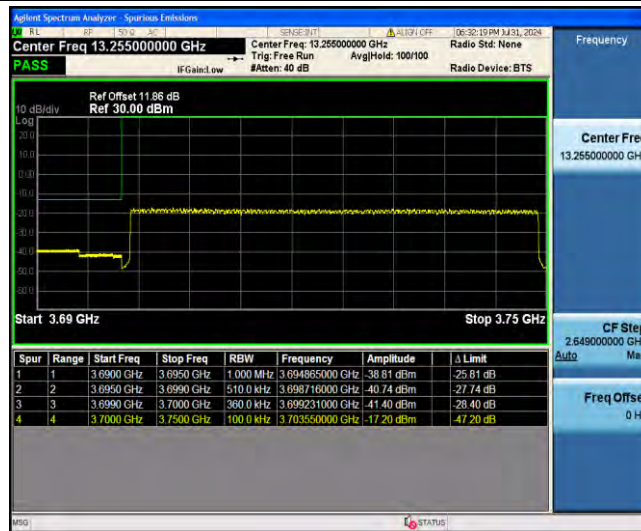


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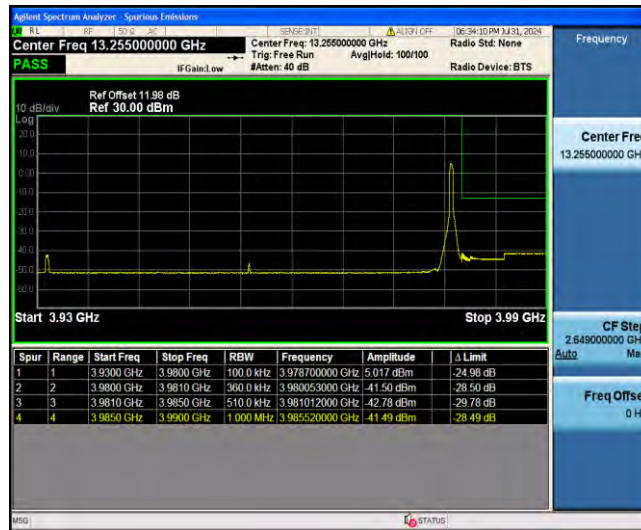


1-N77-3700-3980-PC3-30-50-L-4-CP-QPSK-Edge\_1RB\_Left-1@0-Ant1-3694.22-28.65--41.65-PASS

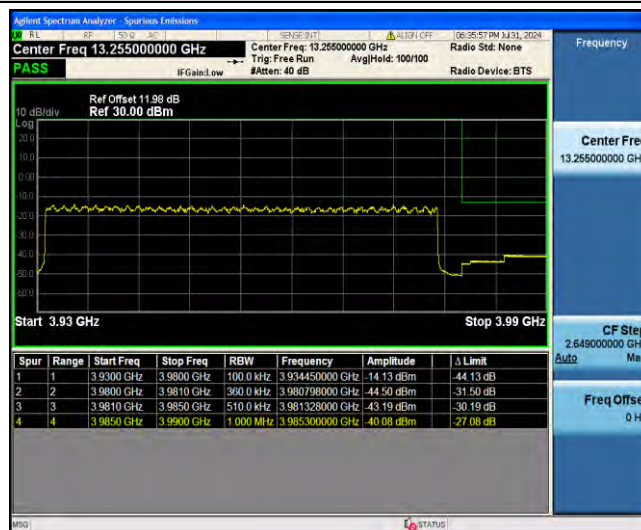




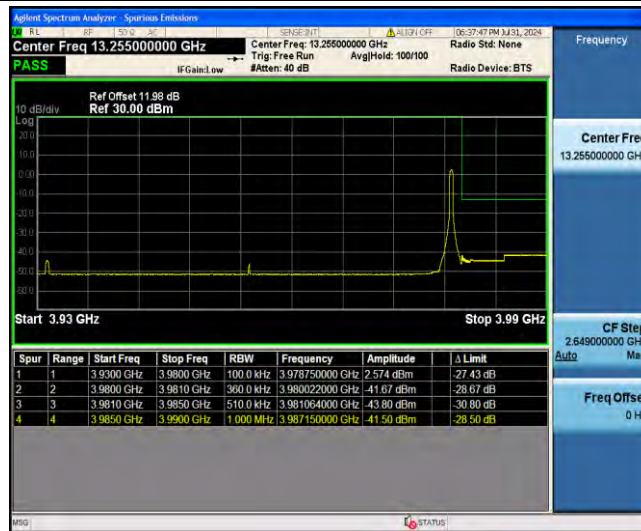
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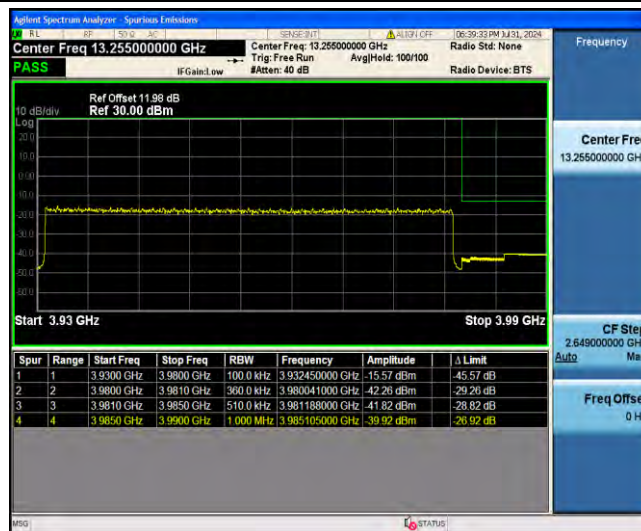
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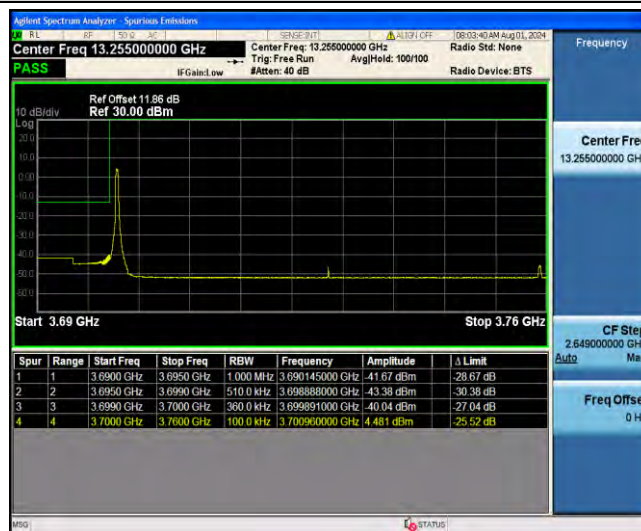
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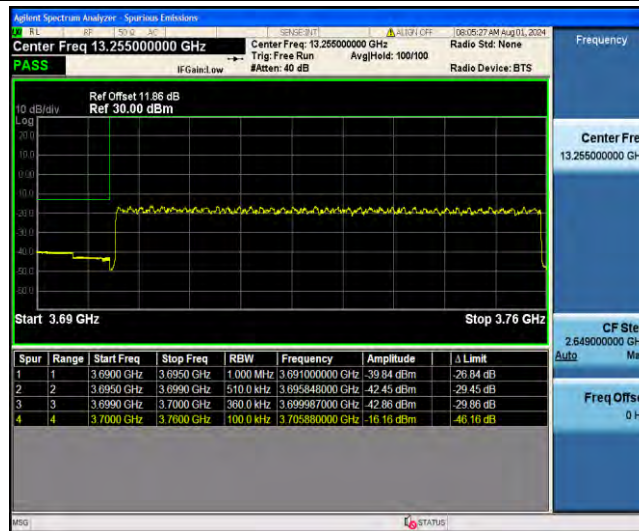
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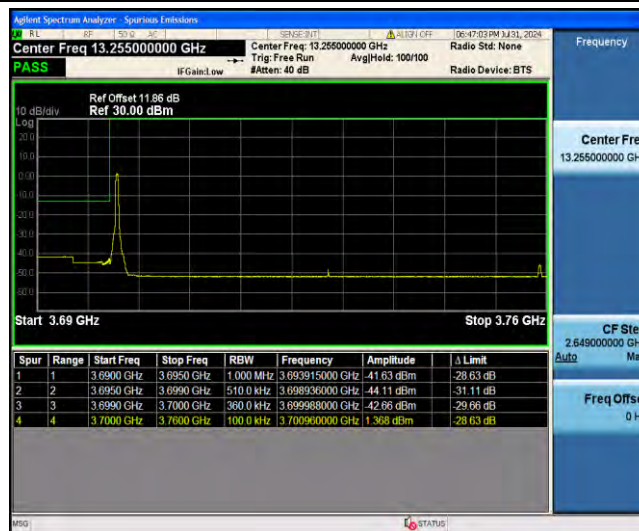
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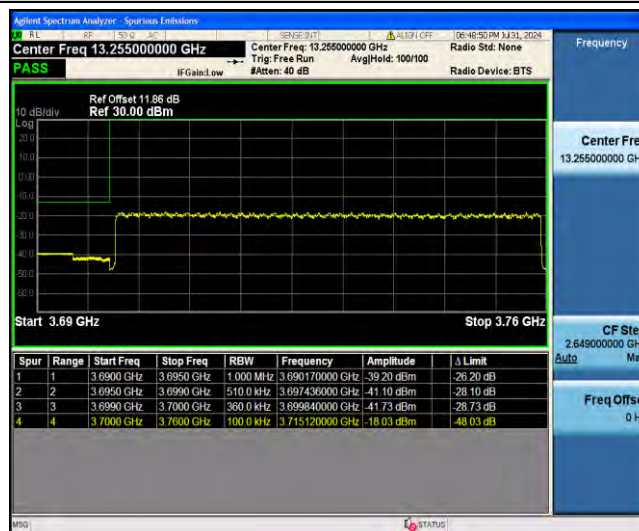
1-N77-3700-3980-PC3-30-60-L-1-DFT-PI2BPSK-Edge\_1RB\_Left-1@0-Ant1-3699.89-27.04--40.04-PASS



1-N77-3700-3980-PC3-30-60-L-3-DFT-PI2BPSK-Outter\_Full-162@0-Ant1-3691.00-26.84--39.84-PASS

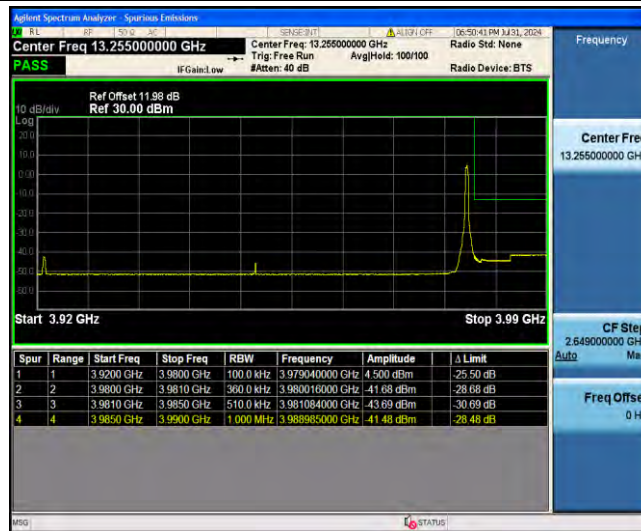


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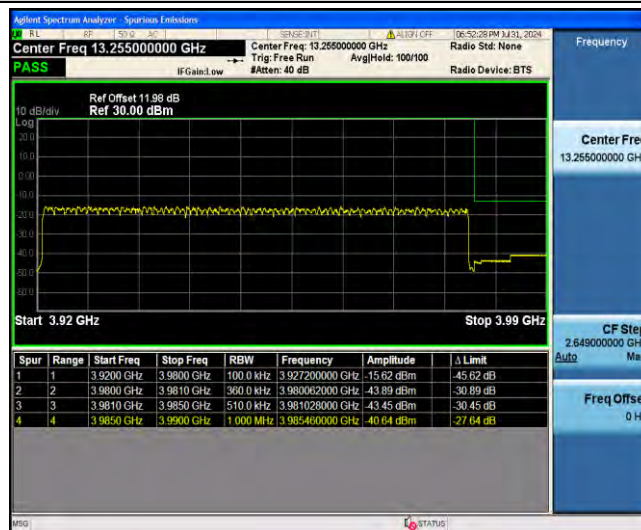


1-N77-3700-3980-PC3-30-60-L-6-CP-QPSK-Outter\_Full-162@0-Ant1-3690.17-26.20--39.20-PASS

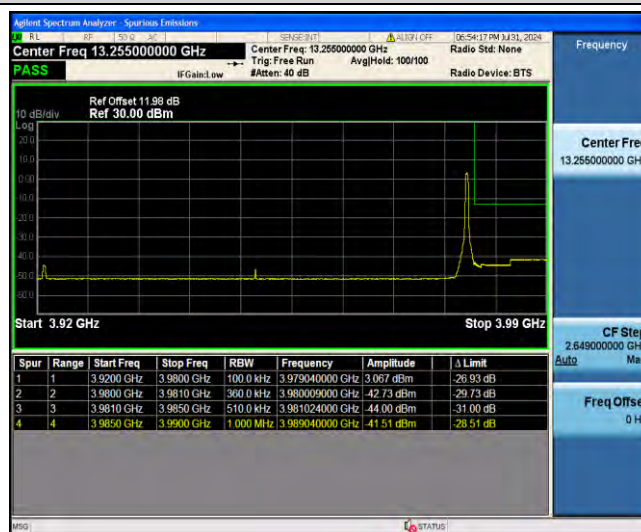




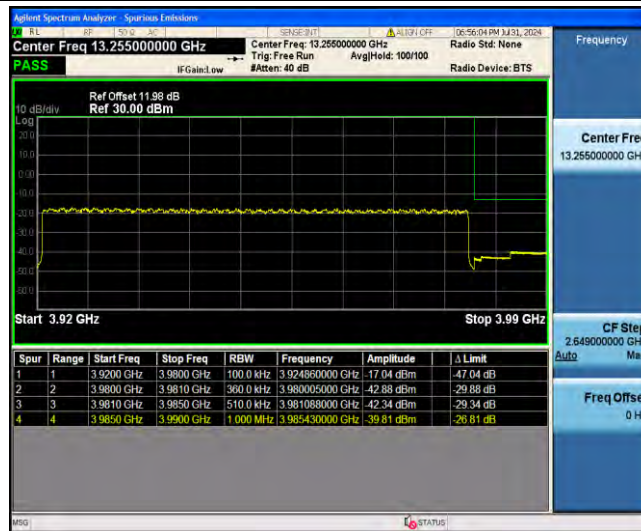
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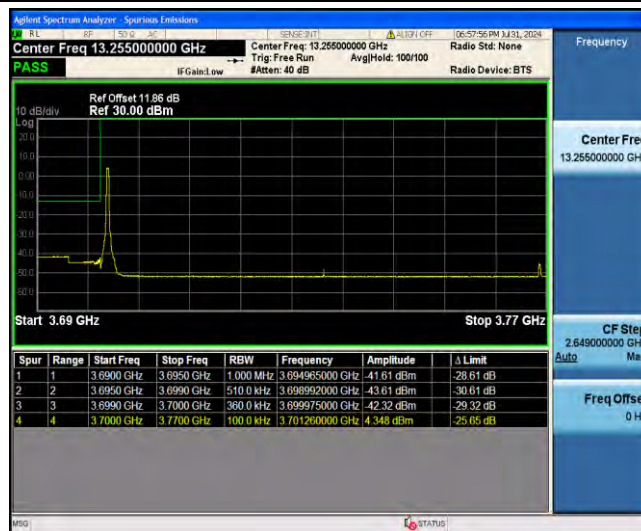
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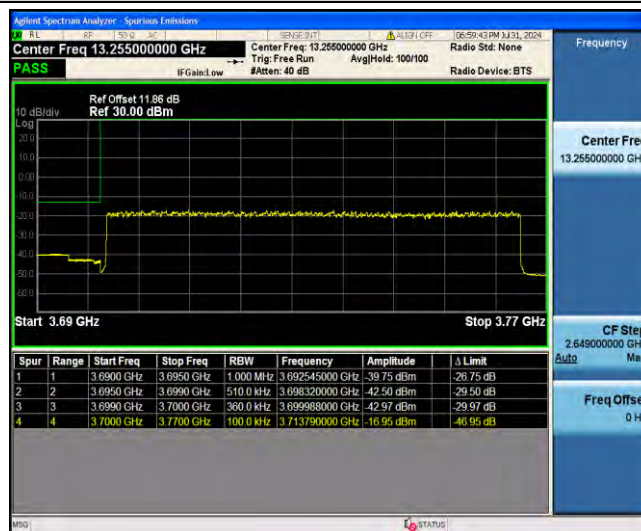
1-N77-3700-3980-PC3-30-60-H-5-CP-QPSK-Edge\_1RB\_Right-1@161-Ant1-3989.04-28.51--41.51-PASS



1-N77-3700-3980-PC3-30-60-H-6-CP-QPSK-Outer\_Full-162@0-Ant1-3985.43-26.81--39.81-PASS

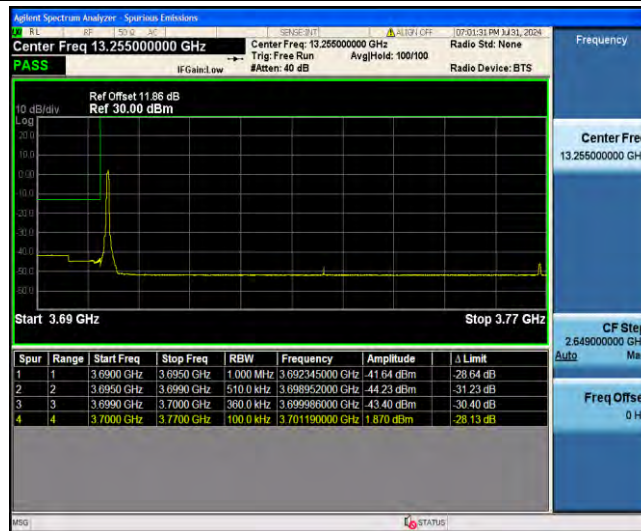


1-N77-3700-3980-PC3-30-70-L-1-DFT-PI2BPSK-Edge\_1RB\_Left-1@0-Ant1-3694.97-28.61--41.61-PASS

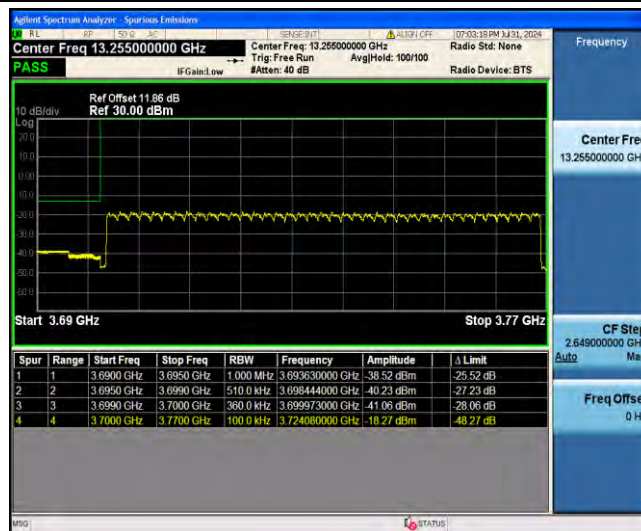


1-N77-3700-3980-PC3-30-70-L-3-DFT-PI2BPSK-Outer\_Full-180@0-Ant1-3692.55-26.75--39.75-PASS

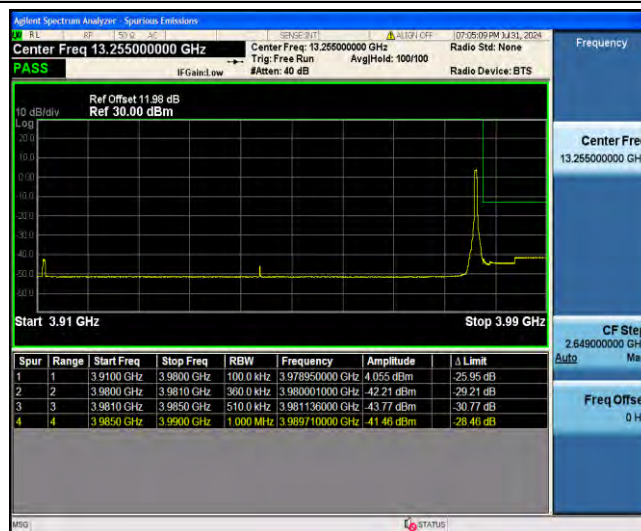




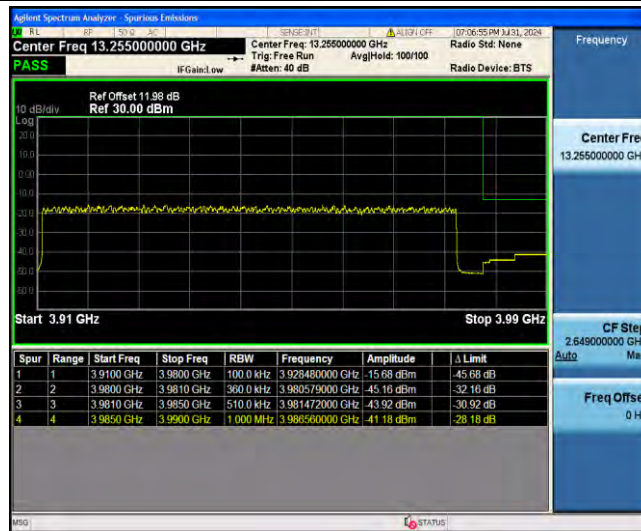
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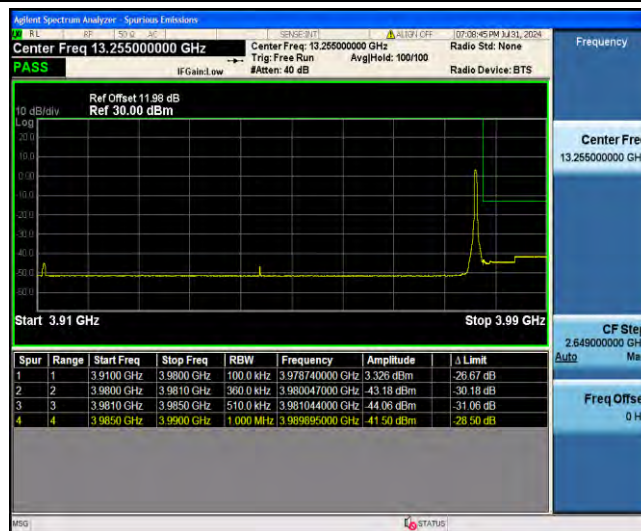
1-N77-3700-3980-PC3-30-70-L-6-CP-QPSK-Outer\_Full-189@0-Ant1-3693.63-25.52--38.52-PASS



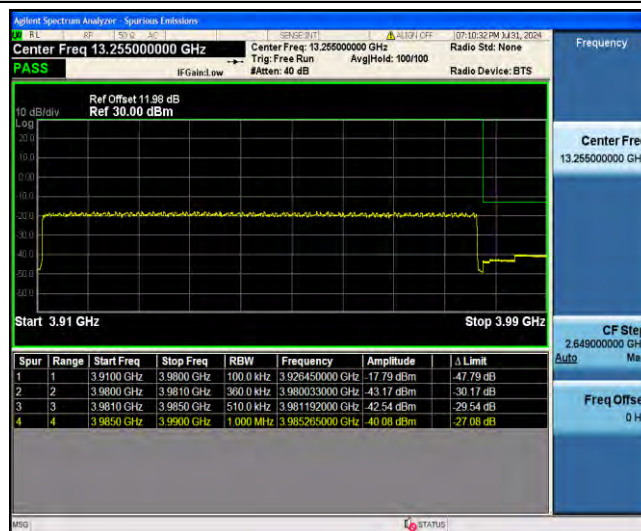
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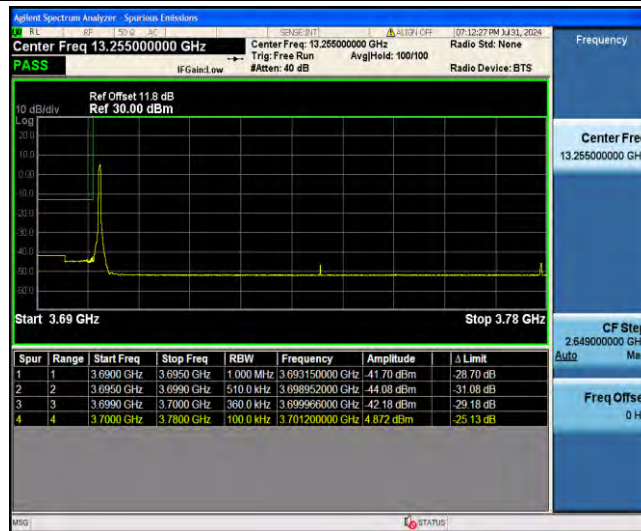
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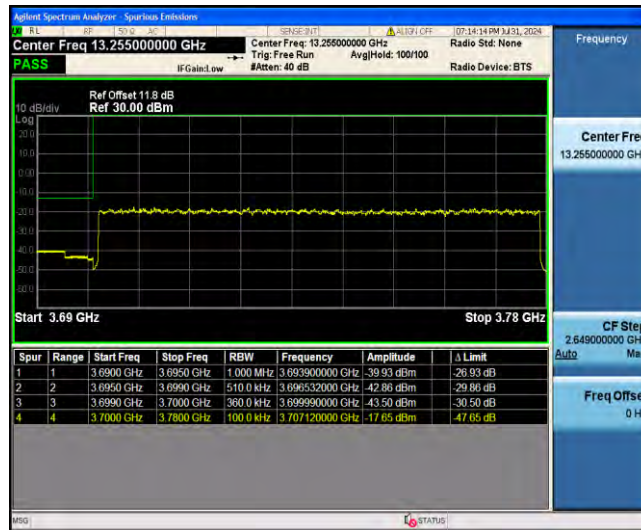
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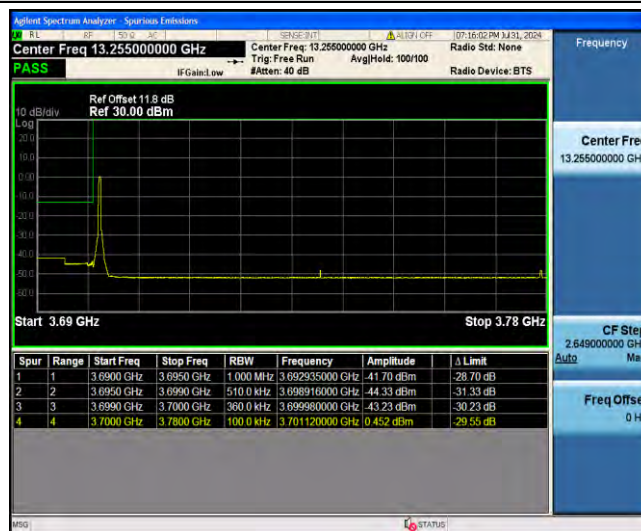
1-N77-3700-3980-PC3-30-70-H-6-CP-QPSK-Outter\_Full-189@0-Ant1-3985.27-27.08--40.08-PASS



1-N77-3700-3980-PC3-30-80-L-1-DFT-PI2BPSK-Edge\_1RB\_Left-1@0-Ant1-3693.15-28.70--41.70-PASS

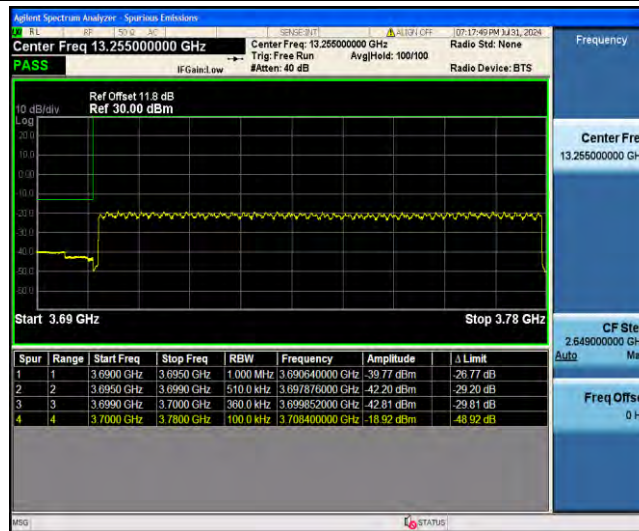


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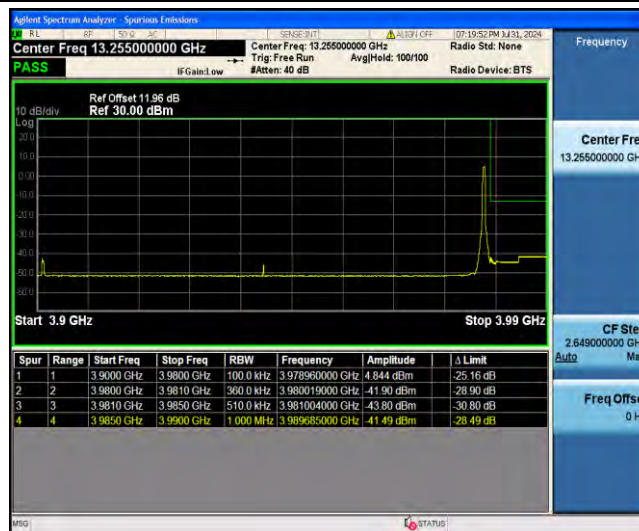


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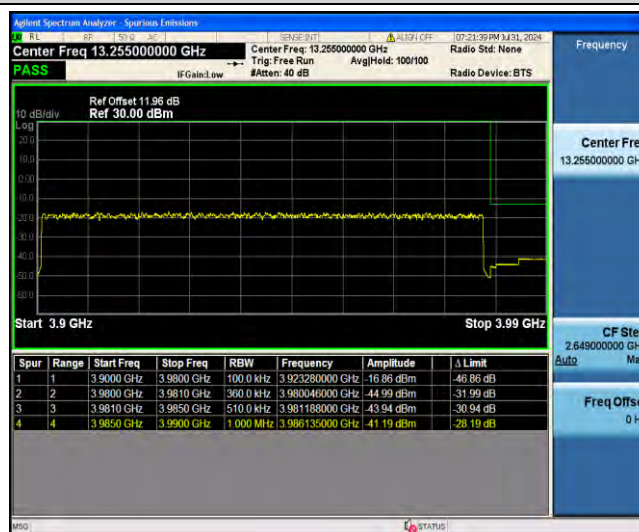




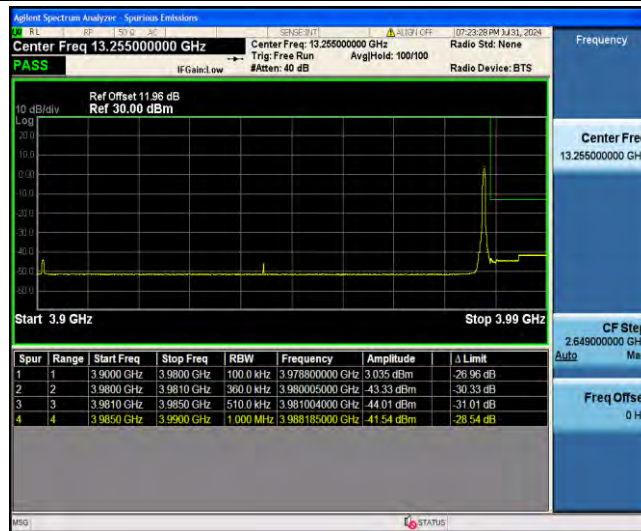
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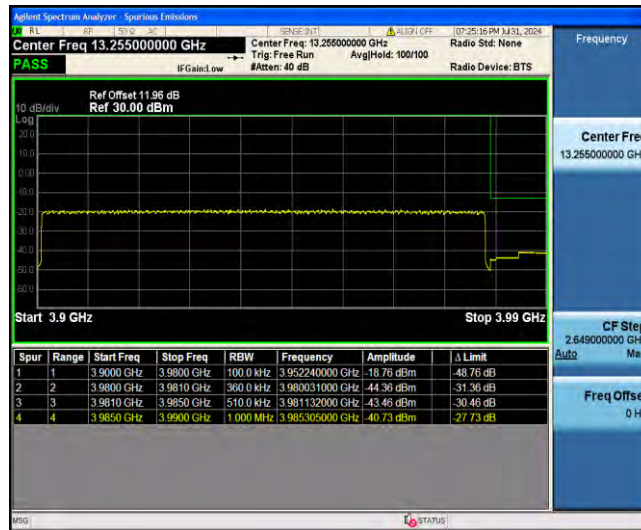
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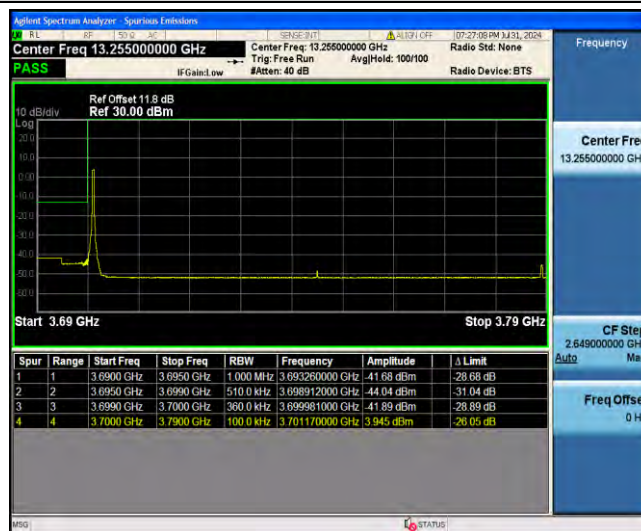
1-N77-3700-3980-PC3-30-80-H-3-DFT-PI2BPSK-Outer\_Full-216@0-Ant1-3986.14-28.19--41.19-PASS



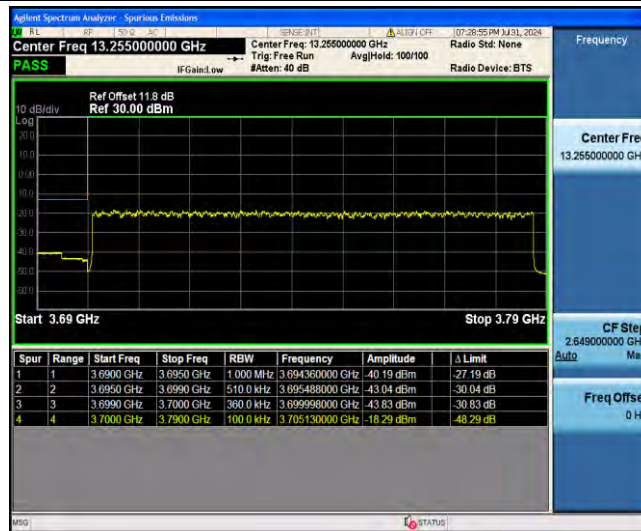
1-N77-3700-3980-PC3-30-80-H-5-CP-QPSK-Edge\_1RB\_Right-1@216-Ant1-3988.19-28.54--41.54-PASS



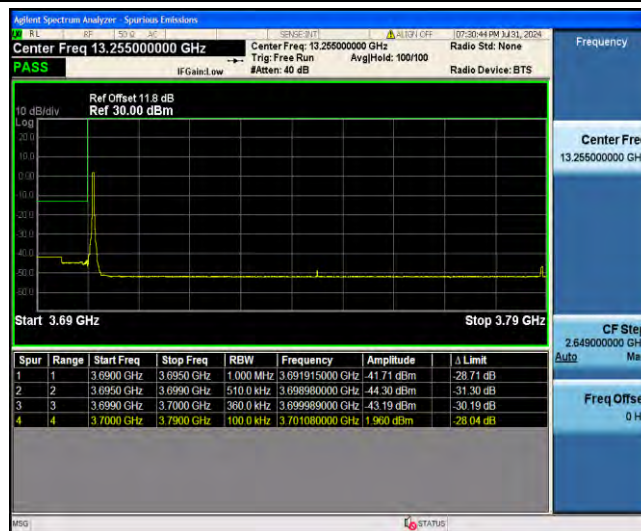
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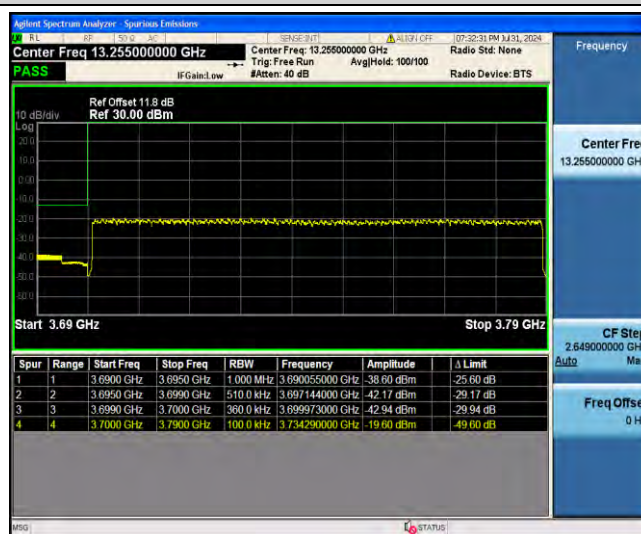
1-N77-3700-3980-PC3-30-90-L-1-DFT-PI2BPSK-Edge\_1RB\_Left-1@0-Ant1-3693.26-28.68--41.68-PASS



1-N77-3700-3980-PC3-30-90-L-3-DFT-PI2BPSK-Outter\_Full-240@0-Ant1-3694.36-27.19--40.19-PASS

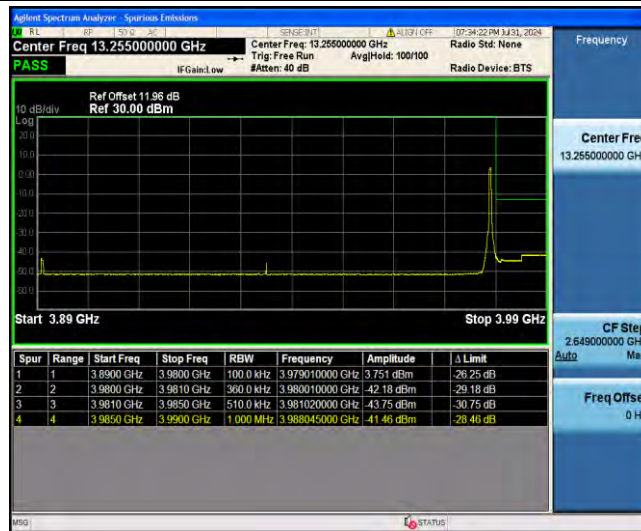


1-N77-3700-3980-PC3-30-90-L-4-CP-QPSK-Edge\_1RB\_Left-1@0-Ant1-3691.92-28.71--41.71-PASS

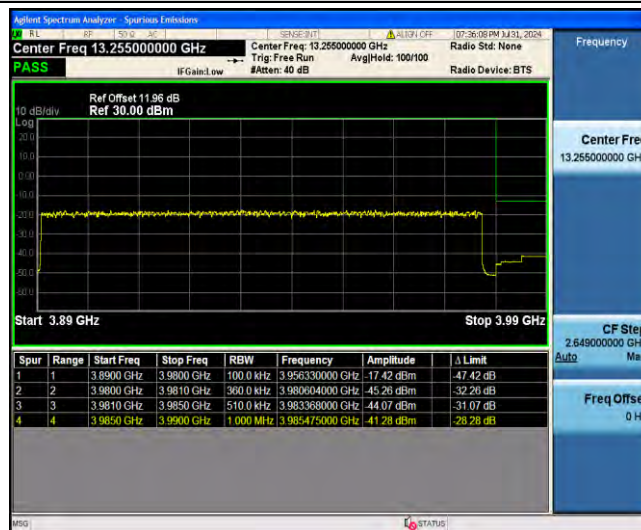


1-N77-3700-3980-PC3-30-90-L-6-CP-QPSK-Outter\_Full-245@0-Ant1-3690.06-25.60--38.60-PASS

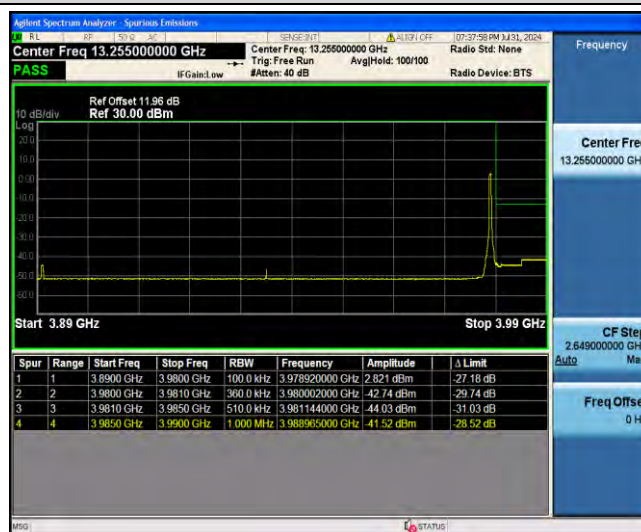




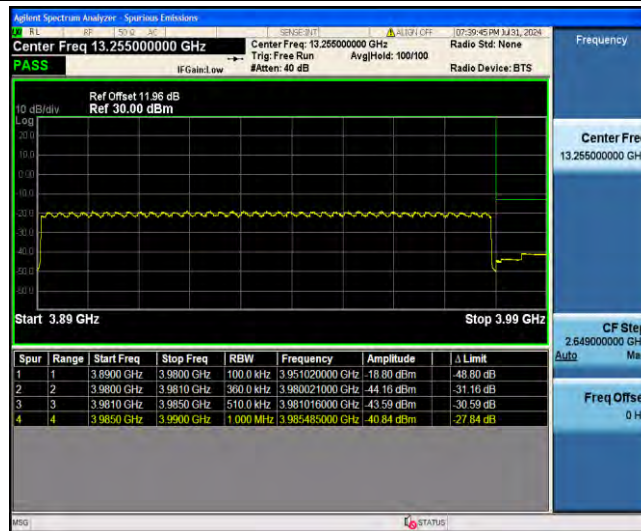
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S



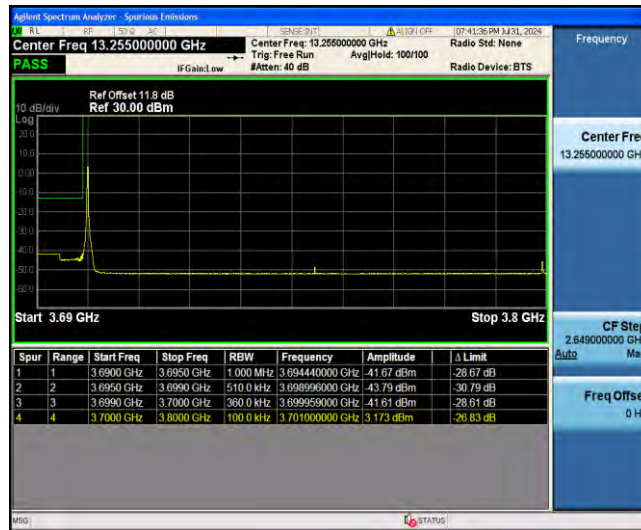
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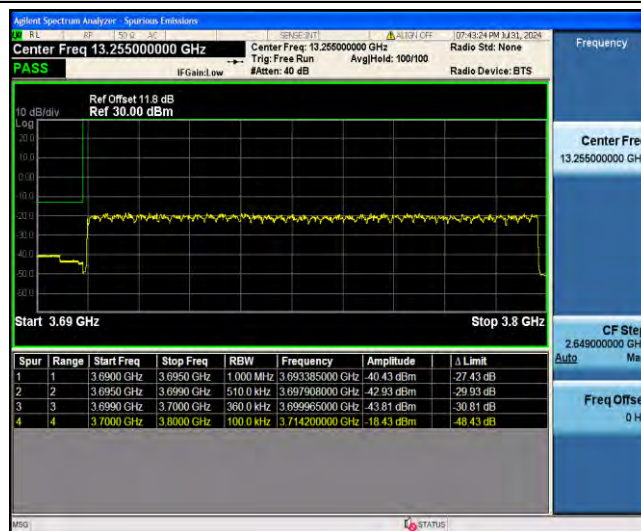
1-N77-3700-3980-PC3-30-90-H-5-CP-QPSK-Edge\_1RB\_Right-1@244-Ant1-3988.97-28.52--41.52-PASS



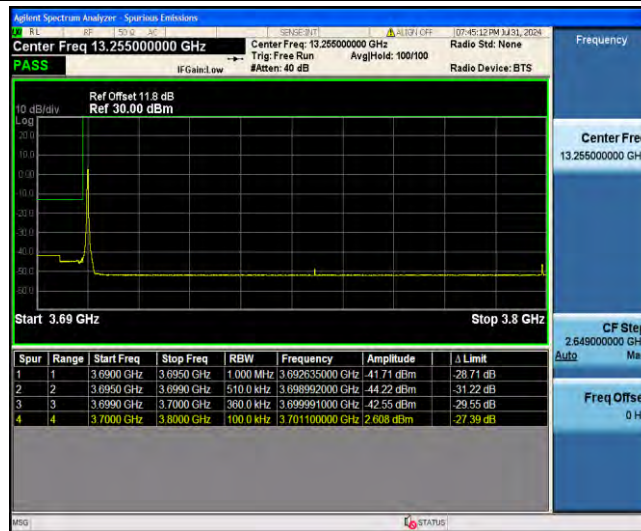
1-N77-3700-3980-PC3-30-90-H-6-CP-QPSK-Outer\_Full-245@0-Ant1-3985.49-27.84--40.84-PASS



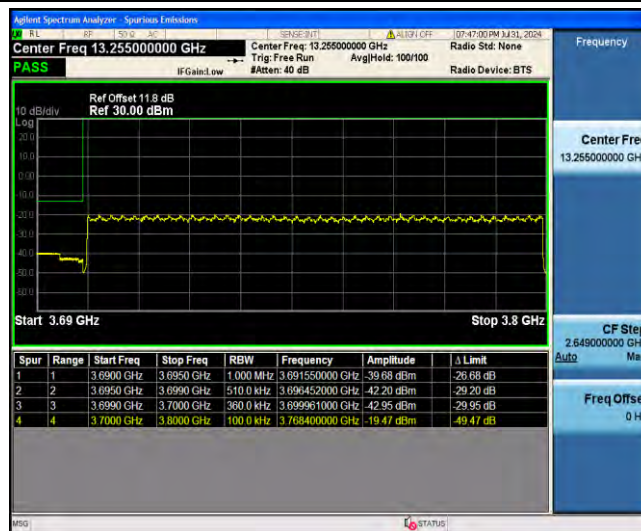
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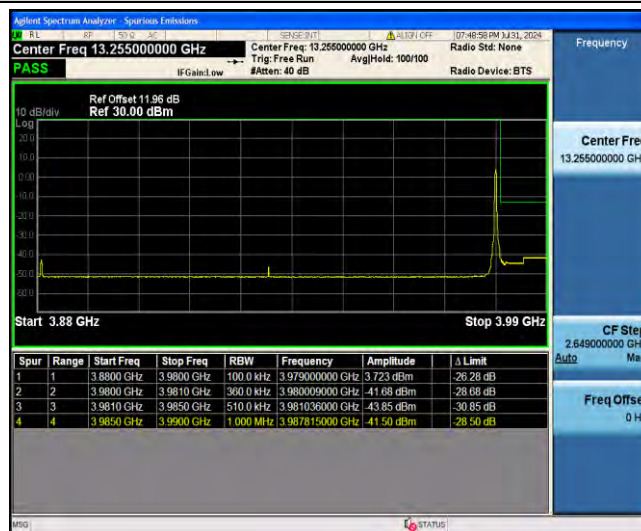
1-N77-3700-3980-PC3-30-100-L-3-DFT-PI2BPSK-Outer\_Full-270@0-Ant1-3693.39-27.43--40.43-PASS



1-N77-3700-3980-PC3-30-100-L-4-CP-QPSK-Edge\_1RB\_Left-1@0-Ant1-3692.64-28.71--41.71-PASS

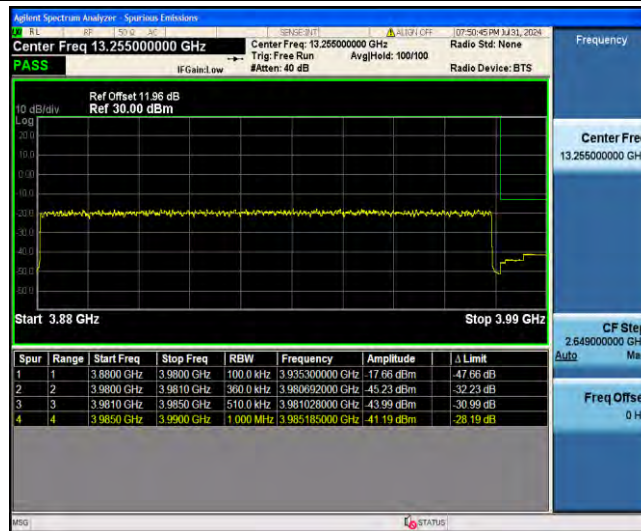


1-N77-3700-3980-PC3-30-100-L-6-CP-QPSK-Outer\_Full-273@0-Ant1-3691.55-26.68--39.68-PASS

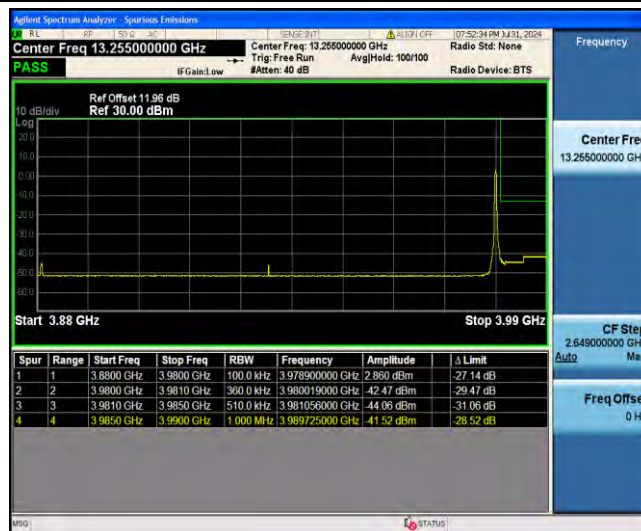


1-N77-3700-3980-PC3-30-100-H-2-DFT-PI2BPSK-Edge\_1RB\_Right-1@272-Ant1-3987.82-28.50--41.50-PA  
SS

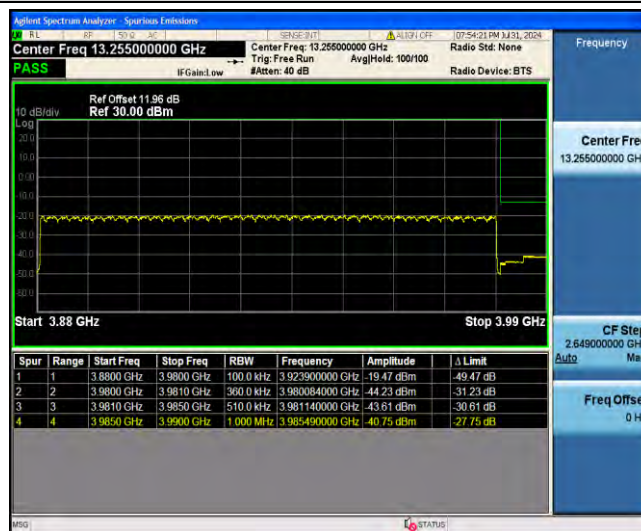




1-N77-3700-3980-PC3-30-100-H-3-DFT-PI2BPSK-Outer\_Full-270@0-Ant1-3985.19-28.19--41.19-PASS



1-N77-3700-3980-PC3-30-100-H-5-CP-QPSK-Edge\_1RB\_Right-1@272-Ant1-3989.73-28.52--41.52-PASS



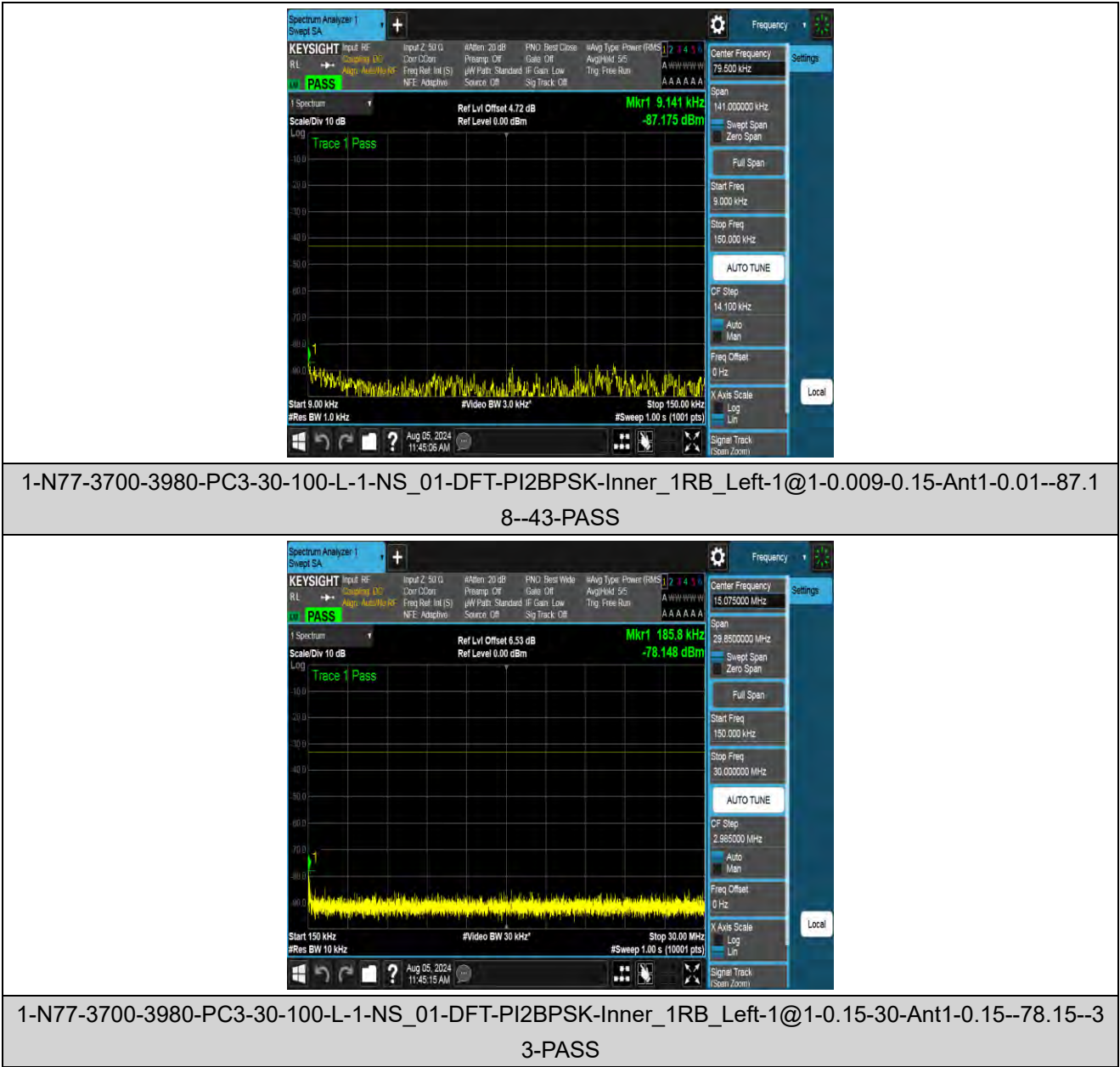
1-N77-3700-3980-PC3-30-100-H-6-CP-QPSK-Outer\_Full-273@0-Ant1-3985.49-27.75--40.75-PASS

## Conducted Spurious Emission for SA

### Test Result

| Band          | SCS | Bandwidth | Modulation  | Channel | StartFreq | StopFreq | RB Config | Result | Limit | Verdict |
|---------------|-----|-----------|-------------|---------|-----------|----------|-----------|--------|-------|---------|
| N77-3700-3980 | 30  | 100       | DFT-PI2BPSK | L       | 0.009     | 0.15     | 1@1       | -87.18 | -43   | PASS    |
| N77-3700-3980 | 30  | 100       | DFT-PI2BPSK | L       | 0.15      | 30       | 1@1       | -78.15 | -33   | PASS    |
| N77-3700-3980 | 30  | 100       | DFT-PI2BPSK | L       | 30        | 1000     | 1@1       | -58.68 | -23   | PASS    |
| N77-3700-3980 | 30  | 100       | DFT-PI2BPSK | L       | 1000      | 6000     | 1@1       | -40.87 | -13   | PASS    |
| N77-3700-3980 | 30  | 100       | DFT-PI2BPSK | L       | 6000      | 26000    | 1@1       | -32.34 | -13   | PASS    |
| N77-3700-3980 | 30  | 100       | DFT-PI2BPSK | L       | 26000     | 40000    | 1@1       | -34.44 | -13   | PASS    |
| N77-3700-3980 | 30  | 100       | DFT-PI2BPSK | M       | 0.009     | 0.15     | 1@1       | -84.22 | -43   | PASS    |
| N77-3700-3980 | 30  | 100       | DFT-PI2BPSK | M       | 0.15      | 30       | 1@1       | -73.49 | -33   | PASS    |
| N77-3700-3980 | 30  | 100       | DFT-PI2BPSK | M       | 30        | 1000     | 1@1       | -59.54 | -23   | PASS    |
| N77-3700-3980 | 30  | 100       | DFT-PI2BPSK | M       | 1000      | 6000     | 1@1       | -40.37 | -13   | PASS    |
| N77-3700-3980 | 30  | 100       | DFT-PI2BPSK | M       | 6000      | 26000    | 1@1       | -32.13 | -13   | PASS    |
| N77-3700-3980 | 30  | 100       | DFT-PI2BPSK | M       | 26000     | 40000    | 1@1       | -34.82 | -13   | PASS    |
| N77-3700-3980 | 30  | 100       | DFT-PI2BPSK | H       | 0.009     | 0.15     | 1@1       | -88.32 | -43   | PASS    |
| N77-3700-3980 | 30  | 100       | DFT-PI2BPSK | H       | 0.15      | 30       | 1@1       | -80.70 | -33   | PASS    |
| N77-3700-3980 | 30  | 100       | DFT-PI2BPSK | H       | 30        | 1000     | 1@1       | -59.30 | -23   | PASS    |
| N77-3700-3980 | 30  | 100       | DFT-PI2BPSK | H       | 1000      | 6000     | 1@1       | -40.48 | -13   | PASS    |
| N77-3700-3980 | 30  | 100       | DFT-PI2BPSK | H       | 6000      | 26000    | 1@1       | -32.25 | -13   | PASS    |
| N77-3700-3980 | 30  | 100       | DFT-PI2BPSK | H       | 26000     | 40000    | 1@1       | -34.90 | -13   | PASS    |

Test Graphs



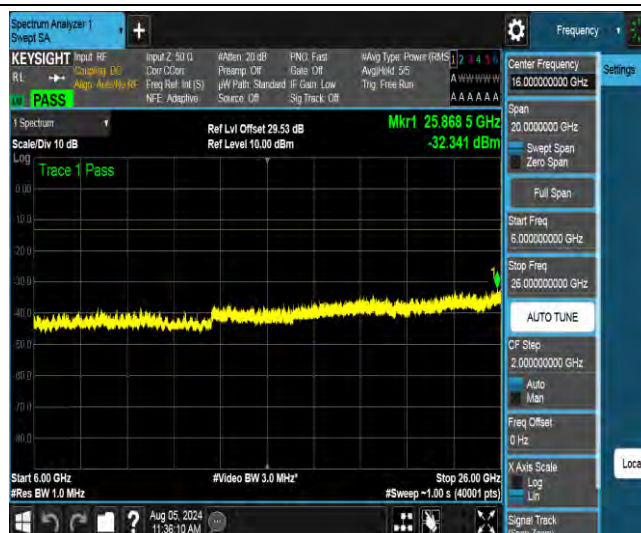




1-N77-3700-3980-PC3-30-100-L-1-NS\_01-DFT-PI2BPSK-Inner\_1RB\_Left-1@1-30-1000-Ant1-869.73--58.6  
8--23-PASS



1-N77-3700-3980-PC3-30-100-L-1-NS\_01-DFT-PI2BPSK-Inner\_1RB\_Left-1@1-1000-6000-Ant1-3156.50--4  
0.87--13-PASS



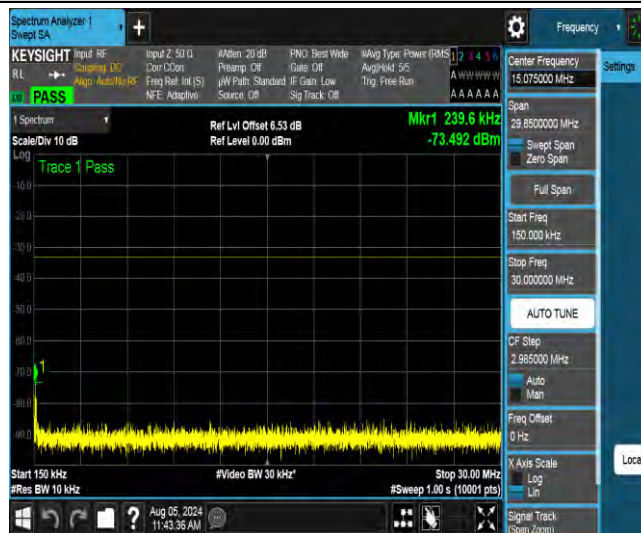
1-N77-3700-3980-PC3-30-100-L-1-NS\_01-DFT-PI2BPSK-Inner\_1RB\_Left-1@1-6000-26000-Ant1-25708.50-32.34--13-PASS



1-N77-3700-3980-PC3-30-100-L-1-NS\_01-DFT-PI2BPSK-Inner\_1RB\_Left-1@1-26000-40000-Ant1-26150.47--34.44--13-PASS



1-N77-3700-3980-PC3-30-100-M-1-NS\_01-DFT-PI2BPSK-Inner\_1RB\_Left-1@1-0.009-0.15-Ant1-0.01--84.2  
2--43-PASS



1-N77-3700-3980-PC3-30-100-M-1-NS\_01-DFT-PI2BPSK-Inner\_1RB\_Left-1@1-0.15-30-Ant1-0.16--73.49--  
33-PASS





1-N77-3700-3980-PC3-30-100-M-1-NS\_01-DFT-PI2BPSK-Inner\_1RB\_Left-1@1-30-1000-Ant1-858.62--59.5  
4--23-PASS



1-N77-3700-3980-PC3-30-100-M-1-NS\_01-DFT-PI2BPSK-Inner\_1RB\_Left-1@1-1000-6000-Ant1-3162.50--  
40.37--13-PASS



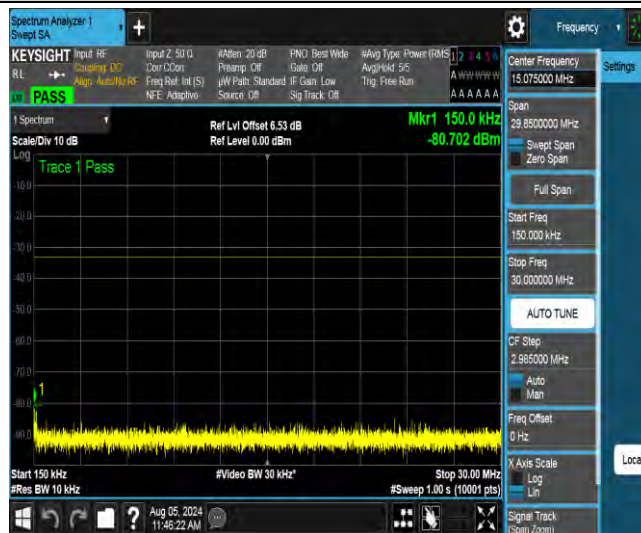
1-N77-3700-3980-PC3-30-100-M-1-NS\_01-DFT-PI2BPSK-Inner\_1RB\_Left-1@1-6000-26000-Ant1-25811.00  
--32.13--13-PASS



1-N77-3700-3980-PC3-30-100-M-1-NS\_01-DFT-PI2BPSK-Inner\_1RB\_Left-1@1-26000-40000-Ant1-26194.3  
3--34.82--13-PASS



1-N77-3700-3980-PC3-30-100-H-1-NS\_01-DFT-PI2BPSK-Inner\_1RB\_Left-1@1-0.009-0.15-Ant1-0.01--88.3  
2--43-PASS



1-N77-3700-3980-PC3-30-100-H-1-NS\_01-DFT-PI2BPSK-Inner\_1RB\_Left-1@1-0.15-30-Ant1-0.16--80.70--  
33-PASS

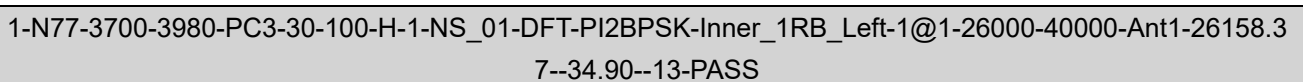
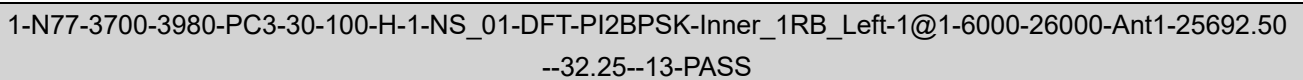


1-N77-3700-3980-PC3-30-100-H-1-NS\_01-DFT-PI2BPSK-Inner\_1RB\_Left-1@1-30-1000-Ant1-997.28--59.3  
0--23-PASS



1-N77-3700-3980-PC3-30-100-H-1-NS\_01-DFT-PI2BPSK-Inner\_1RB\_Left-1@1-1000-6000-Ant1-3172.00--4  
0.48--13-PASS





# Frequency Stability for SA

## Test Result

### Frequency Error VS. Voltage

| Voltage       |     |           |             |         |           |               |                  |                |                 |         |
|---------------|-----|-----------|-------------|---------|-----------|---------------|------------------|----------------|-----------------|---------|
| Band          | SCS | Bandwidth | Modulation  | Channel | RB Config | Voltage (Vdc) | Temperature (°C) | Deviation (Hz) | Deviation (ppm) | Verdict |
| N77-3700-3980 | 30  | 100       | DFT-PI2BPSK | M       | 270@0     | VN            | NT               | -7.30          | 0.00            | PASS    |
| N77-3700-3980 | 30  | 100       | DFT-PI2BPSK | M       | 270@0     | VL            | NT               | 11.50          | 0.00            | PASS    |
| N77-3700-3980 | 30  | 100       | DFT-PI2BPSK | M       | 270@0     | VH            | NT               | 10.60          | 0.00            | PASS    |
| N77-3700-3980 | 30  | 100       | CP-QPSK     | M       | 273@0     | VN            | NT               | -6.10          | 0.00            | PASS    |
| N77-3700-3980 | 30  | 100       | CP-QPSK     | M       | 273@0     | VL            | NT               | 7.70           | 0.00            | PASS    |
| N77-3700-3980 | 30  | 100       | CP-QPSK     | M       | 273@0     | VH            | NT               | 11.70          | 0.00            | PASS    |

### Frequency Error VS. Temperature

| Temperature   |     |           |             |         |           |               |                  |                |                 |         |
|---------------|-----|-----------|-------------|---------|-----------|---------------|------------------|----------------|-----------------|---------|
| Band          | SCS | Bandwidth | Modulation  | Channel | RB Config | Voltage (Vdc) | Temperature (°C) | Deviation (Hz) | Deviation (ppm) | Verdict |
| N77-3700-3980 | 30  | 100       | DFT-PI2BPSK | M       | 270@0     | NV            | 20               | 14.200000      | 0.003698        | PASS    |
| N77-3700-3980 | 30  | 100       | DFT-PI2BPSK | M       | 270@0     | NV            | 50               | -13.800000     | -0.003594       | PASS    |
| N77-3700-3980 | 30  | 100       | DFT-PI2BPSK | M       | 270@0     | NV            | 40               | 9.600000       | 0.002500        | PASS    |
| N77-3700-3980 | 30  | 100       | DFT-PI2BPSK | M       | 270@0     | NV            | -10              | 14.400000      | 0.003750        | PASS    |
| N77-3700-3980 | 30  | 100       | DFT-PI2BPSK | M       | 270@0     | NV            | 10               | 24.500000      | 0.006380        | PASS    |
| N77-3700-3980 | 30  | 100       | DFT-PI2BPSK | M       | 270@0     | NV            | 30               | 8.500000       | 0.002214        | PASS    |
| N77-3700-3980 | 30  | 100       | DFT-PI2BPSK | M       | 270@0     | NV            | -30              | 12.500000      | 0.003255        | PASS    |
| N77-3700-3980 | 30  | 100       | DFT-PI2BPSK | M       | 270@0     | NV            | 0                | 11.300000      | 0.002943        | PASS    |
| N77-3700-3980 | 30  | 100       | DFT-PI2BPSK | M       | 270@0     | NV            | -20              | 16.100000      | 0.004193        | PASS    |
| N77-3700-3980 | 30  | 100       | CP-QPSK     | M       | 273@0     | NV            | 0                | 7.500000       | 0.001953        | PASS    |
| N77-3700-3980 | 30  | 100       | CP-QPSK     | M       | 273@0     | NV            | -10              | 5.200000       | 0.001354        | PASS    |
| N77-3700-3980 | 30  | 100       | CP-QPSK     | M       | 273@0     | NV            | 10               | -4.900000      | -0.001276       | PASS    |
| N77-3700-3980 | 30  | 100       | CP-QPSK     | M       | 273@0     | NV            | 20               | 4.500000       | 0.001172        | PASS    |
| N77-3700-3980 | 30  | 100       | CP-QPSK     | M       | 273@0     | NV            | 50               | 6.500000       | 0.001693        | PASS    |
| N77-3700-3980 | 30  | 100       | CP-QPSK     | M       | 273@0     | NV            | -30              | -11.200000     | -0.002917       | PASS    |
| N77-3700-3980 | 30  | 100       | CP-QPSK     | M       | 273@0     | NV            | 30               | -8.200000      | -0.002135       | PASS    |
| N77-3700-3980 | 30  | 100       | CP-QPSK     | M       | 273@0     | NV            | 40               | 14.800000      | 0.003854        | PASS    |
| N77-3700-3980 | 30  | 100       | CP-QPSK     | M       | 273@0     | NV            | -20              | 15.500000      | 0.004036        | PASS    |

## Field Strength of Spurious Radiation

| SA Band 77 3700-3980 ANT21- Low channel |            |             |                 |                  |                 |                    |                    |        |
|-----------------------------------------|------------|-------------|-----------------|------------------|-----------------|--------------------|--------------------|--------|
| Frequency (MHz)                         | EIRP (dBm) | Limit (dBm) | Over Limit (dB) | S.G. Power (dBm) | Cable Loss (dB) | Antenna Gain (dBi) | Polarization (H/V) | Result |
| 7410.0                                  | -41.75     | -13         | -28.75          | -48.44           | 4.94            | 11.63              | Horizontal         | Pass   |
| 11115.0                                 | -55.23     | -13         | -42.23          | -62.68           | 5.81            | 13.26              | Horizontal         | Pass   |
| 14820.0                                 | -54.62     | -13         | -41.62          | -62.18           | 6.92            | 14.48              | Horizontal         | Pass   |
| 7410.0                                  | -41.73     | -13         | -28.73          | -48.42           | 4.94            | 11.63              | Vertical           | Pass   |
| 11115.0                                 | -55.27     | -13         | -42.27          | -62.72           | 5.81            | 13.26              | Vertical           | Pass   |
| 14820.0                                 | -54.63     | -13         | -41.63          | -62.19           | 6.92            | 14.48              | Vertical           | Pass   |

| SA Band 77 3700-3980 ANT21- Middle channel |            |             |                 |                  |                 |                    |                    |        |
|--------------------------------------------|------------|-------------|-----------------|------------------|-----------------|--------------------|--------------------|--------|
| Frequency (MHz)                            | EIRP (dBm) | Limit (dBm) | Over Limit (dB) | S.G. Power (dBm) | Cable Loss (dB) | Antenna Gain (dBi) | Polarization (H/V) | Result |
| 7590.0                                     | -44.06     | -13         | -31.06          | -50.96           | 4.95            | 11.85              | Horizontal         | Pass   |
| 11385.0                                    | -55.79     | -13         | -42.79          | -63.18           | 5.86            | 13.25              | Horizontal         | Pass   |
| 15180.0                                    | -54.17     | -13         | -41.17          | -61.5            | 7.09            | 14.42              | Horizontal         | Pass   |
| 7590.0                                     | -42.94     | -13         | -29.94          | -49.84           | 4.95            | 11.85              | Vertical           | Pass   |
| 11385.0                                    | -55.81     | -13         | -42.81          | -63.2            | 5.86            | 13.25              | Vertical           | Pass   |
| 15180.0                                    | -54.2      | -13         | -41.2           | -61.53           | 7.09            | 14.42              | Vertical           | Pass   |

| SA Band 77 3700-3980 ANT21- High channel |            |             |                 |                  |                 |                    |                    |        |
|------------------------------------------|------------|-------------|-----------------|------------------|-----------------|--------------------|--------------------|--------|
| Frequency (MHz)                          | EIRP (dBm) | Limit (dBm) | Over Limit (dB) | S.G. Power (dBm) | Cable Loss (dB) | Antenna Gain (dBi) | Polarization (H/V) | Result |
| 7770.0                                   | -57.54     | -13         | -44.54          | -64.64           | 4.96            | 12.06              | Horizontal         | Pass   |
| 11655.0                                  | -55.52     | -13         | -42.52          | -62.87           | 5.9             | 13.25              | Horizontal         | Pass   |
| 15540.0                                  | -53.63     | -13         | -40.63          | -60.73           | 7.12            | 14.22              | Horizontal         | Pass   |
| 7770.0                                   | -56.16     | -13         | -43.16          | -63.26           | 4.96            | 12.06              | Vertical           | Pass   |
| 11655.0                                  | -55.05     | -13         | -42.05          | -62.4            | 5.9             | 13.25              | Vertical           | Pass   |
| 15540.0                                  | -53.59     | -13         | -40.59          | -60.69           | 7.12            | 14.22              | Vertical           | Pass   |

| NSA DC_7A_n77A 3700-3980- Low channel |            |             |                 |                  |                 |                    |                    |        |
|---------------------------------------|------------|-------------|-----------------|------------------|-----------------|--------------------|--------------------|--------|
| Frequency (MHz)                       | EIRP (dBm) | Limit (dBm) | Over Limit (dB) | S.G. Power (dBm) | Cable Loss (dB) | Antenna Gain (dBi) | Polarization (H/V) | Result |
| 7410.0                                | -47.49     | -13         | -34.49          | -54.18           | 4.94            | 11.63              | Horizontal         | Pass   |
| 11115.0                               | -54.75     | -13         | -41.75          | -62.2            | 5.81            | 13.26              | Horizontal         | Pass   |
| 14820.0                               | -54.64     | -13         | -41.64          | -62.2            | 6.92            | 14.48              | Horizontal         | Pass   |
| 7410.0                                | -43.04     | -13         | -30.04          | -49.73           | 4.94            | 11.63              | Vertical           | Pass   |
| 11115.0                               | -55.76     | -13         | -42.76          | -63.21           | 5.81            | 13.26              | Vertical           | Pass   |
| 14820.0                               | -54.38     | -13         | -41.38          | -61.94           | 6.92            | 14.48              | Vertical           | Pass   |

| NSA DC_7A_n77A 3700-3980- Middle channel |            |             |                 |                  |                 |                    |                    |        |
|------------------------------------------|------------|-------------|-----------------|------------------|-----------------|--------------------|--------------------|--------|
| Frequency (MHz)                          | EIRP (dBm) | Limit (dBm) | Over Limit (dB) | S.G. Power (dBm) | Cable Loss (dB) | Antenna Gain (dBi) | Polarization (H/V) | Result |
| 7590.0                                   | -49.82     | -13         | -36.82          | -56.72           | 4.95            | 11.85              | Horizontal         | Pass   |
| 11385.0                                  | -55.97     | -13         | -42.97          | -63.36           | 5.86            | 13.25              | Horizontal         | Pass   |
| 15180.0                                  | -53.87     | -13         | -40.87          | -61.2            | 7.09            | 14.42              | Horizontal         | Pass   |
| 7590.0                                   | -42.54     | -13         | -29.54          | -49.44           | 4.95            | 11.85              | Vertical           | Pass   |
| 11385.0                                  | -55.65     | -13         | -42.65          | -63.04           | 5.86            | 13.25              | Vertical           | Pass   |
| 15180.0                                  | -54.06     | -13         | -41.06          | -61.39           | 7.09            | 14.42              | Vertical           | Pass   |

| NSA DC_7A_n77A 3700-3980- High channel |            |             |                 |                  |                 |                    |                    |        |
|----------------------------------------|------------|-------------|-----------------|------------------|-----------------|--------------------|--------------------|--------|
| Frequency (MHz)                        | EIRP (dBm) | Limit (dBm) | Over Limit (dB) | S.G. Power (dBm) | Cable Loss (dB) | Antenna Gain (dBi) | Polarization (H/V) | Result |
| 7770.0                                 | -56.18     | -13         | -43.18          | -63.28           | 4.96            | 12.06              | Horizontal         | Pass   |
| 11655.0                                | -55.3      | -13         | -42.3           | -62.65           | 5.9             | 13.25              | Horizontal         | Pass   |
| 15540.0                                | -53.08     | -13         | -40.08          | -60.18           | 7.12            | 14.22              | Horizontal         | Pass   |
| 7770.0                                 | -57.92     | -13         | -44.92          | -65.02           | 4.96            | 12.06              | Vertical           | Pass   |
| 11655.0                                | -55.35     | -13         | -42.35          | -62.7            | 5.9             | 13.25              | Vertical           | Pass   |
| 15540.0                                | -53.51     | -13         | -40.51          | -60.61           | 7.12            | 14.22              | Vertical           | Pass   |

Remark:

- 1) The field strength is calculated by adding the S.G.Power, Antenna Gain & Cable Loss. The basic equation with a sample calculation is as follows:  

$$\text{EIRP} = \text{S.G.Power} + \text{Antenna Gain} - \text{Cable Loss}$$

$$\text{Over Limit} = \text{Limit} - \text{EIRP}$$
- 2) All antennas of RSE are tested, and only the worst data is presented.

---End of Attachment---