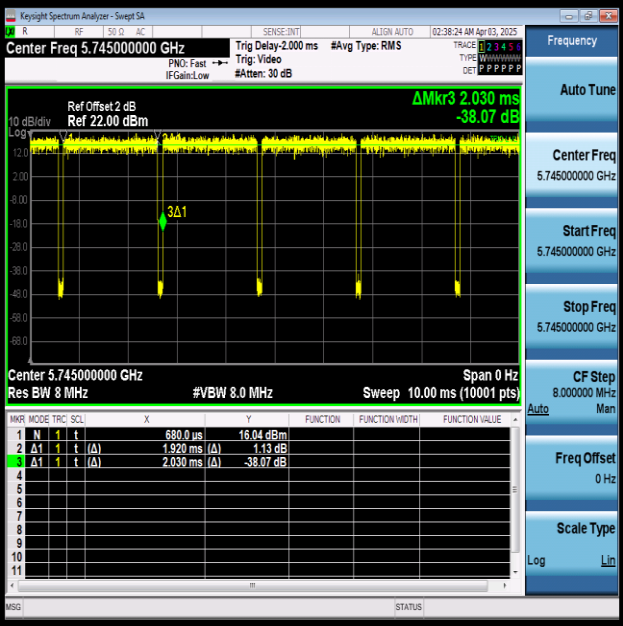
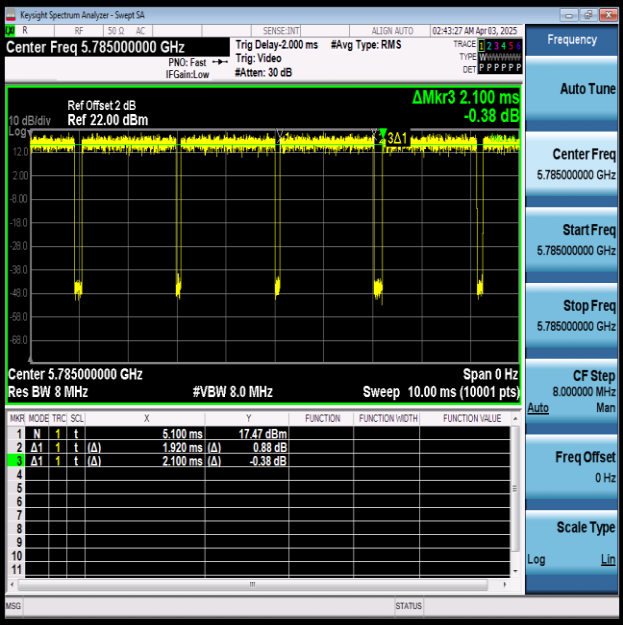
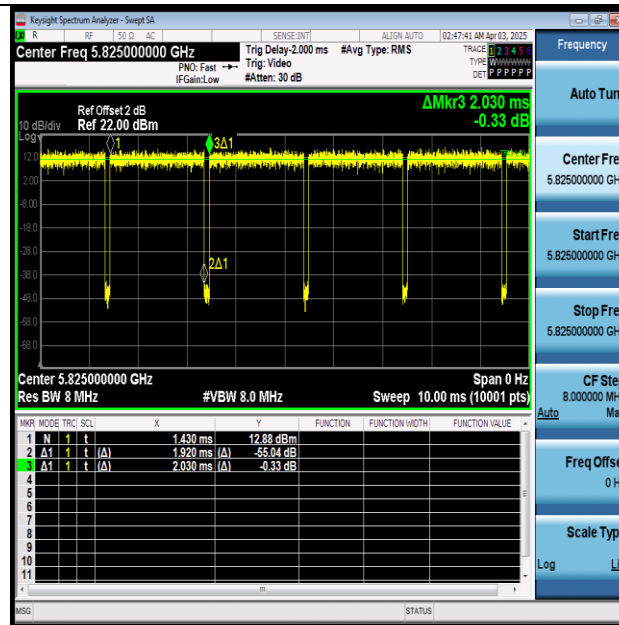




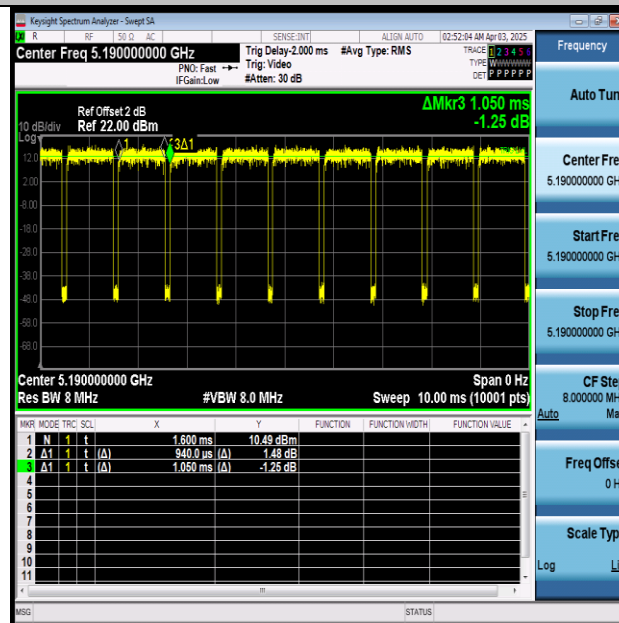
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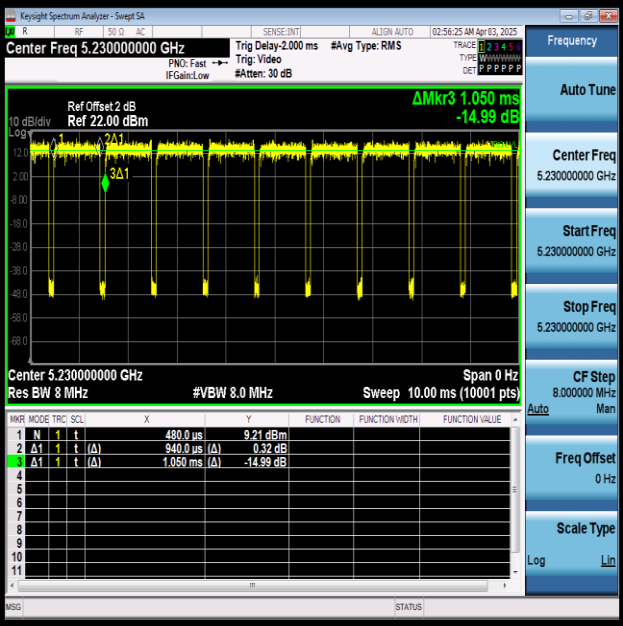
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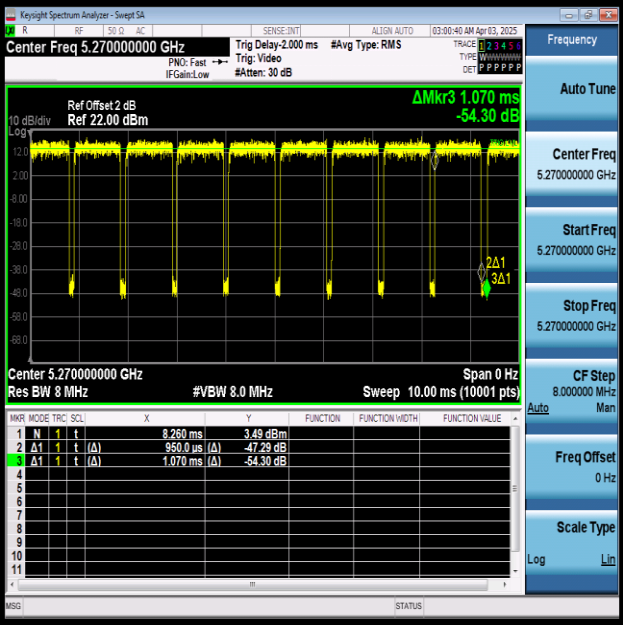
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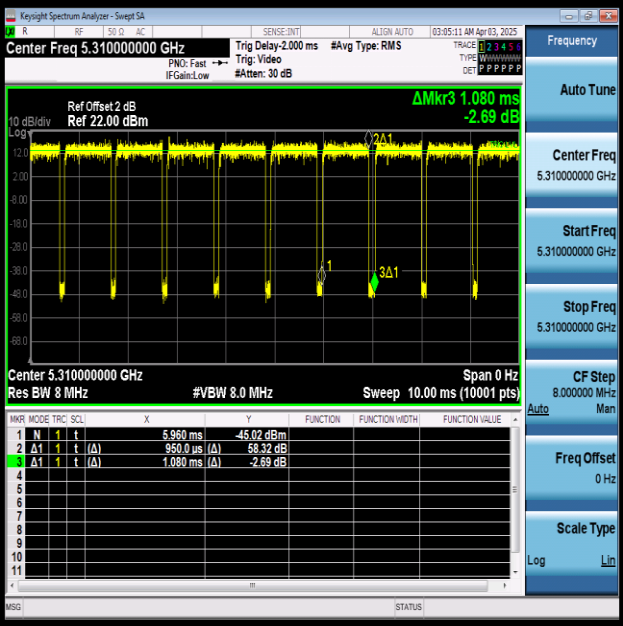
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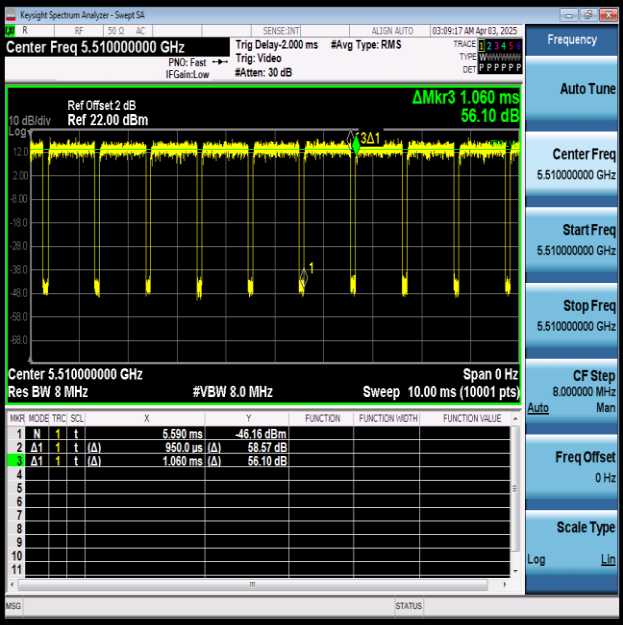
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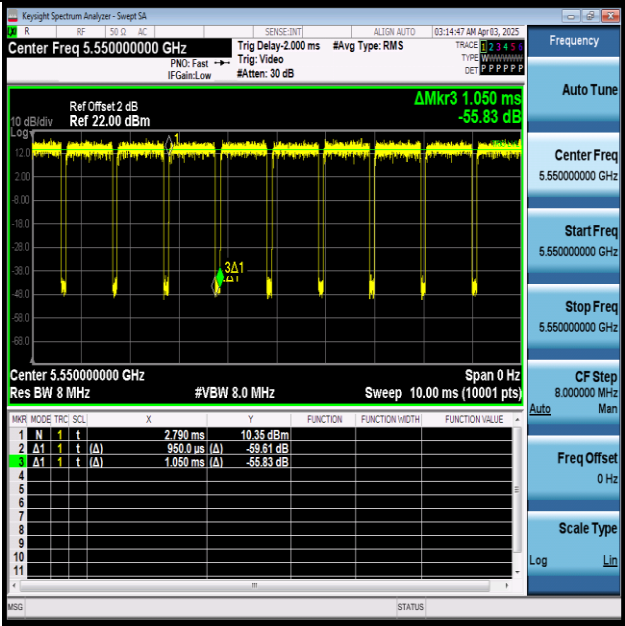
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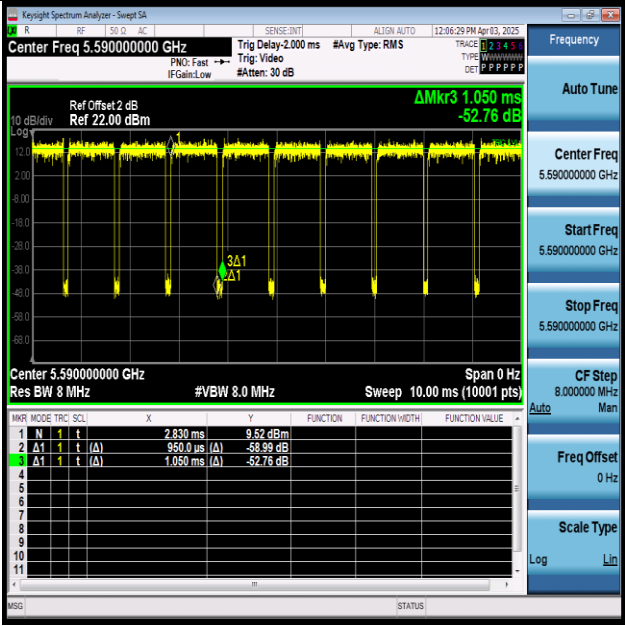
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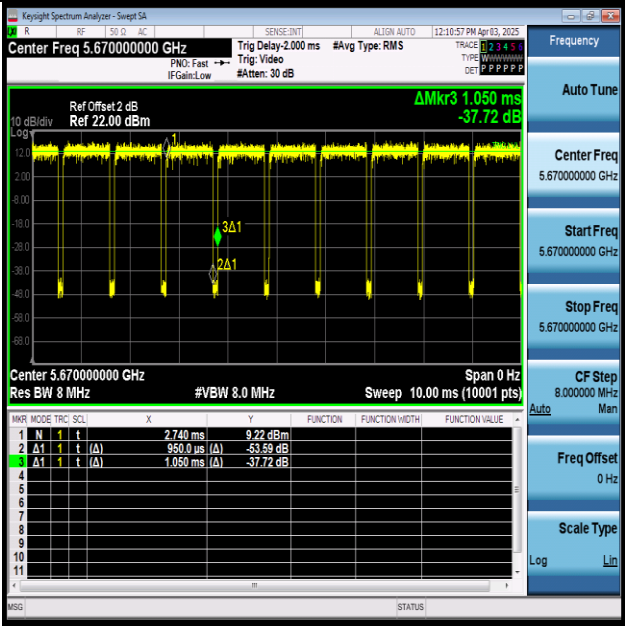
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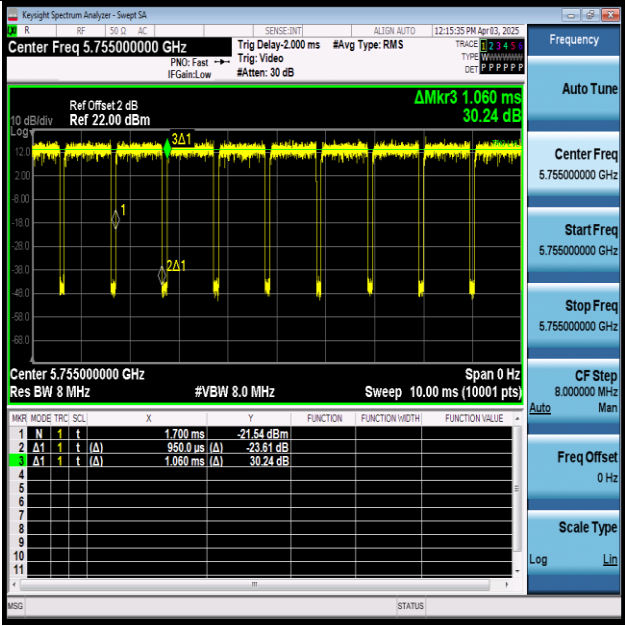
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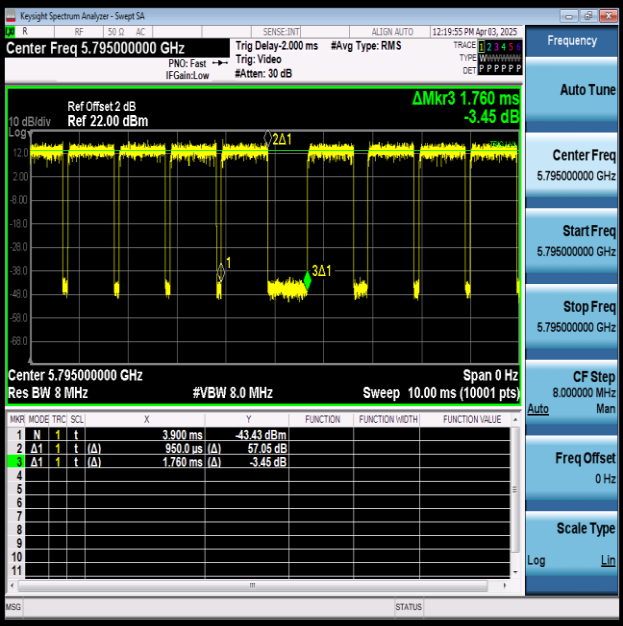
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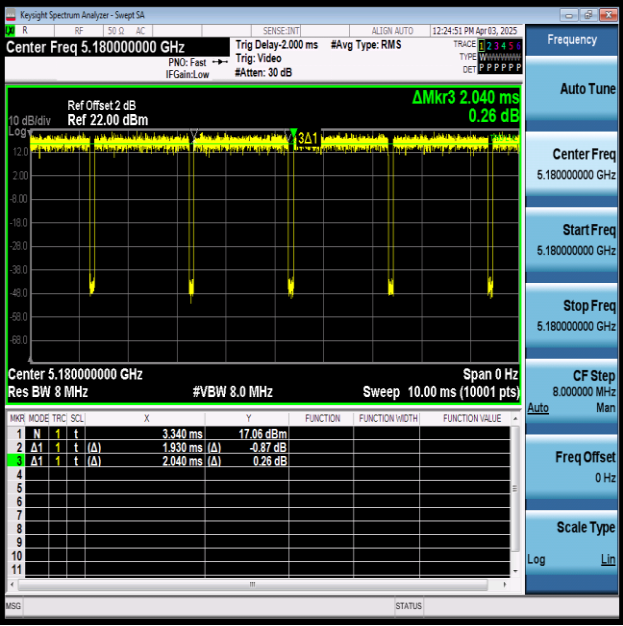
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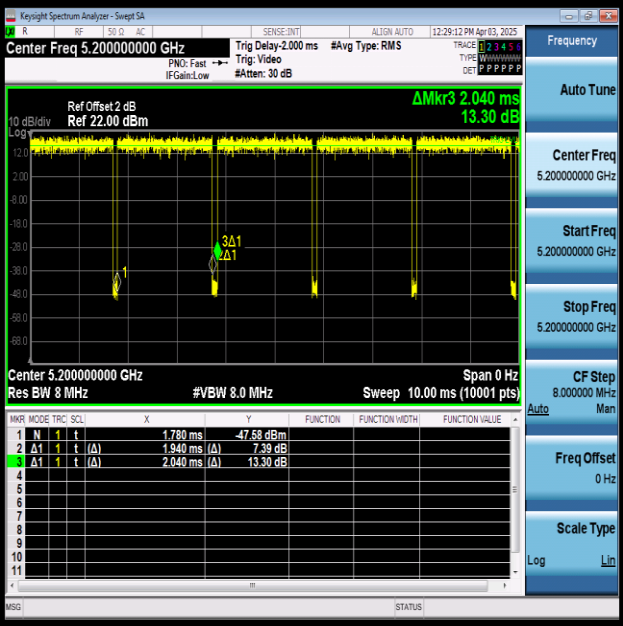
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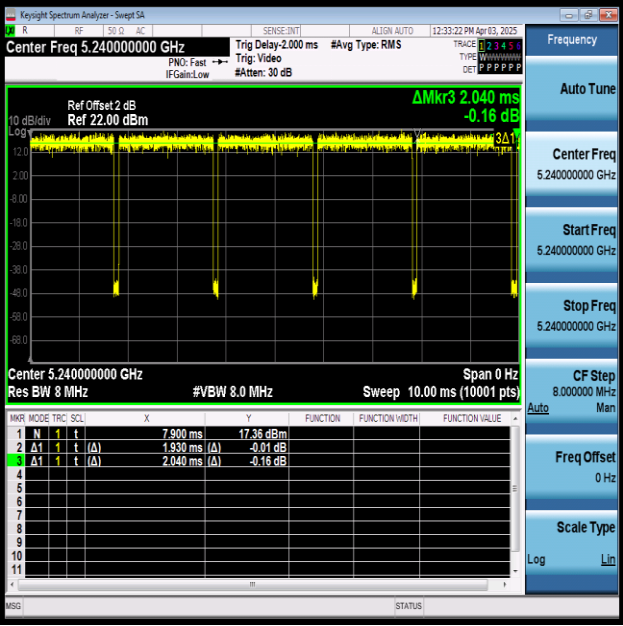
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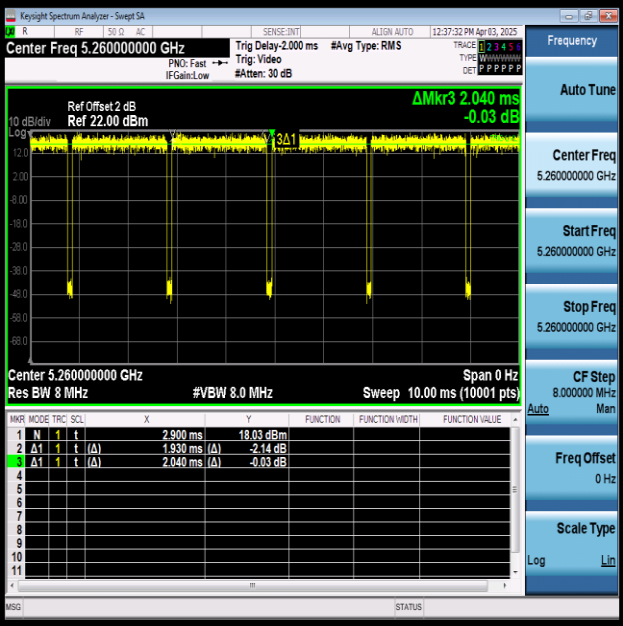


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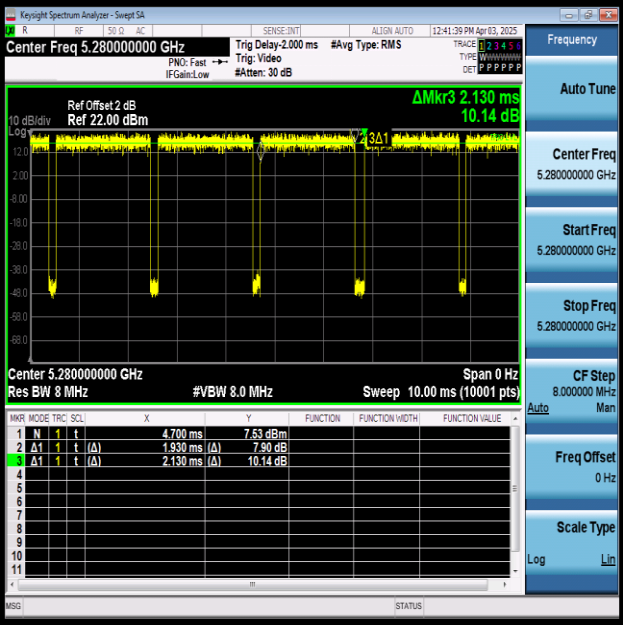


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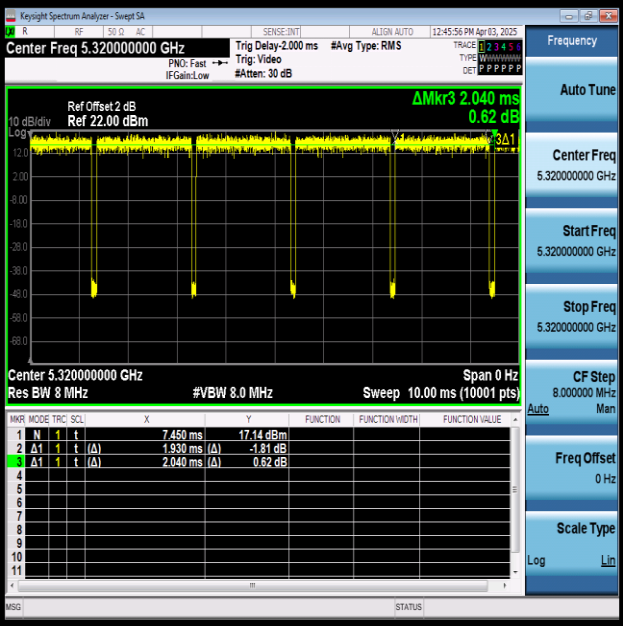




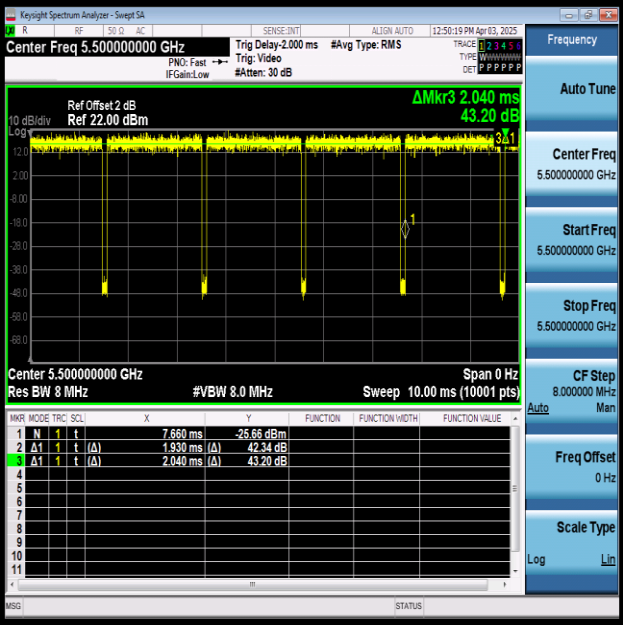
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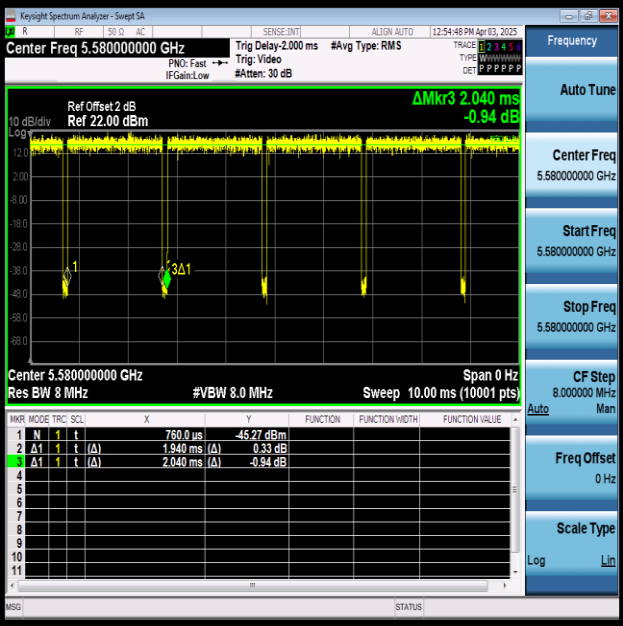
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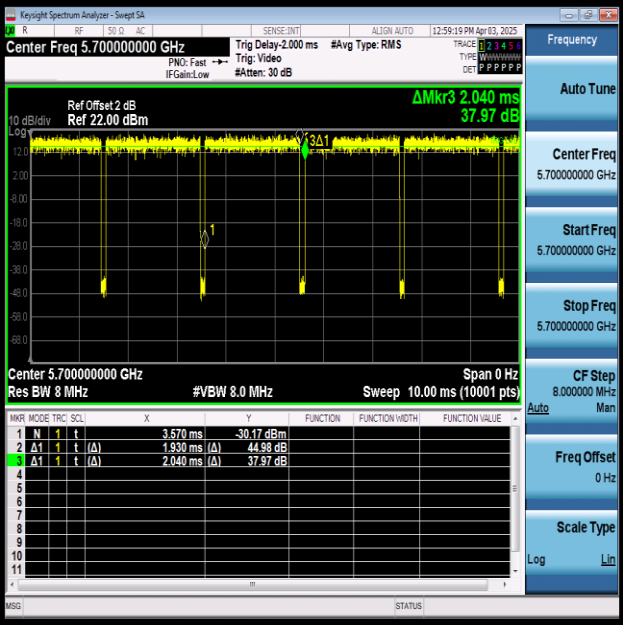
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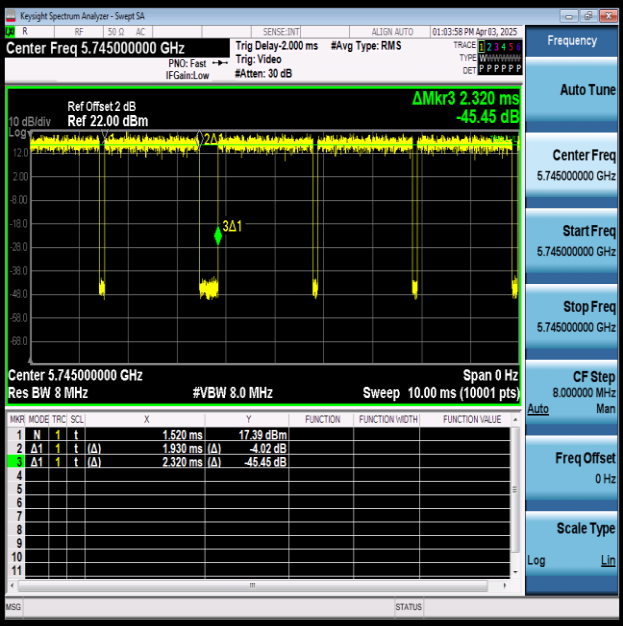
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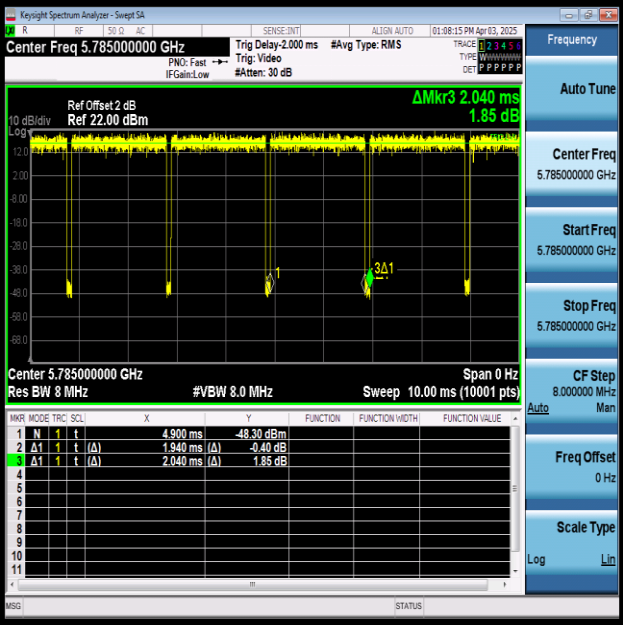
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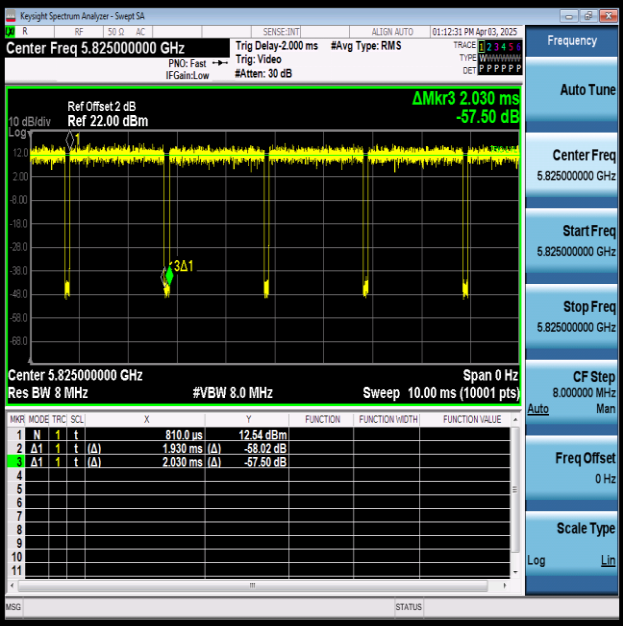
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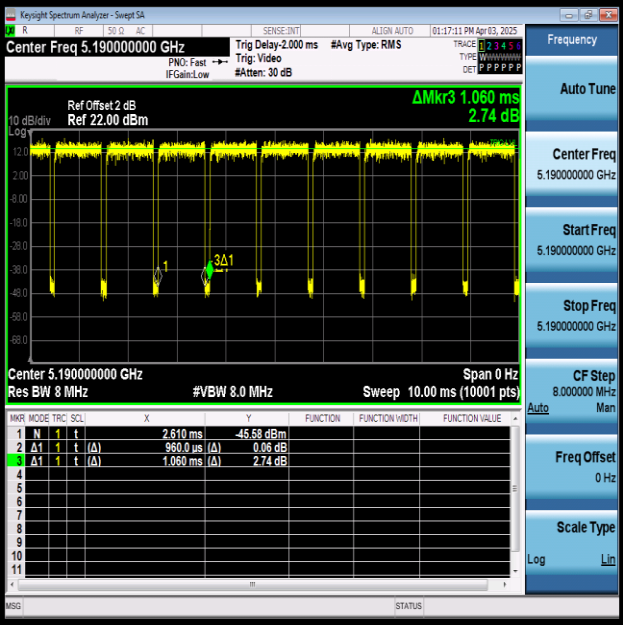
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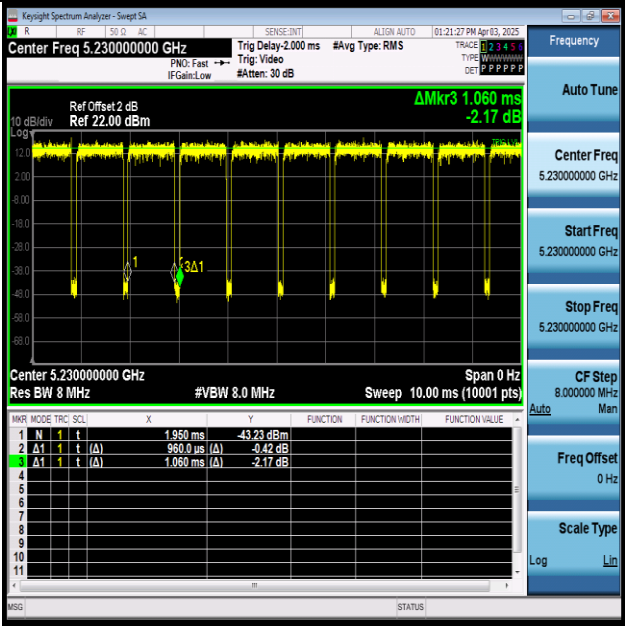
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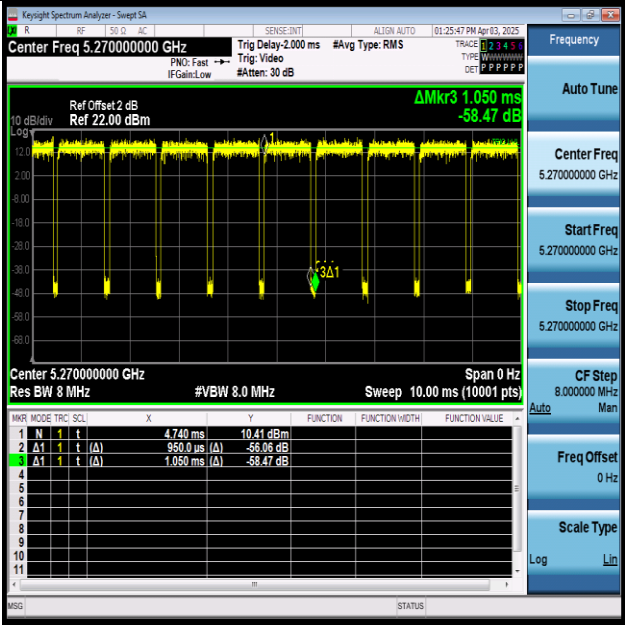
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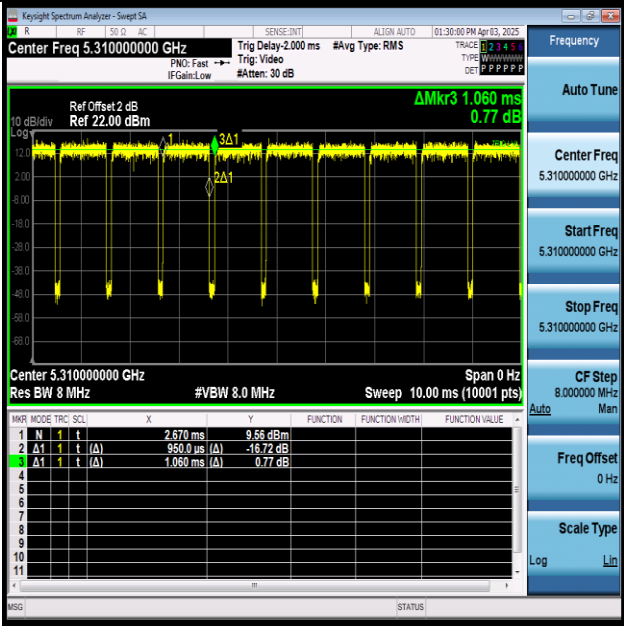
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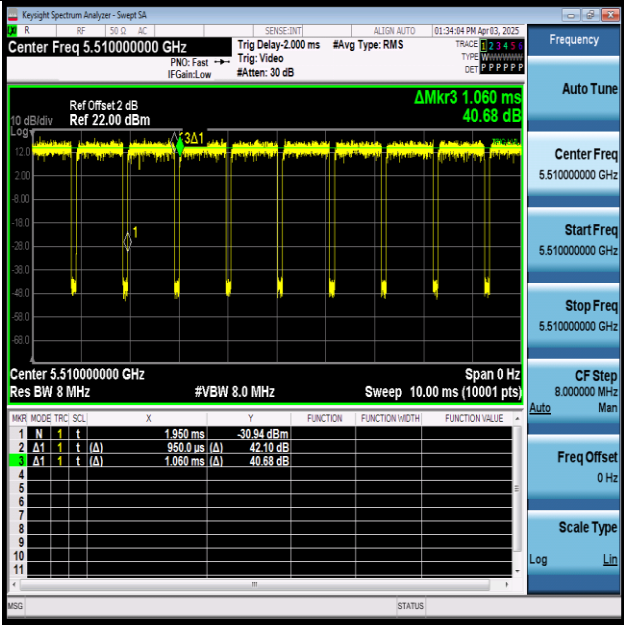
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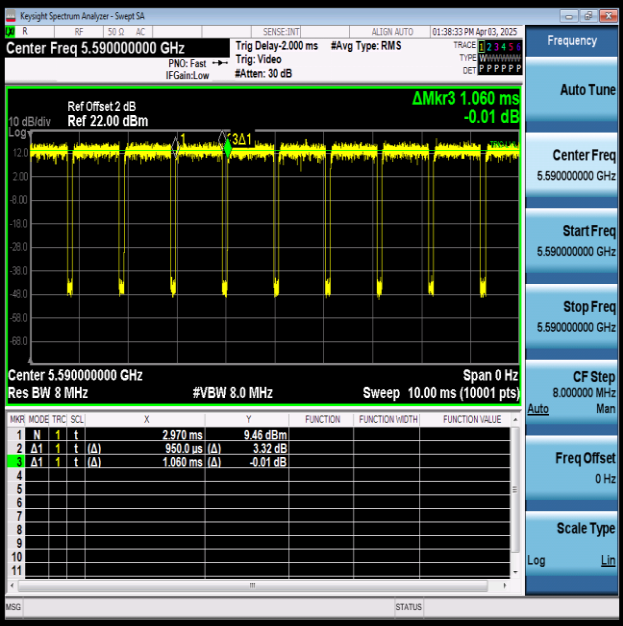
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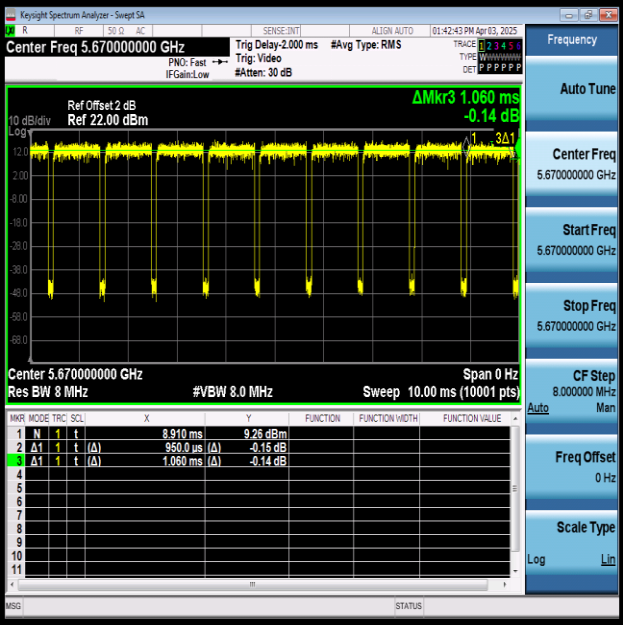
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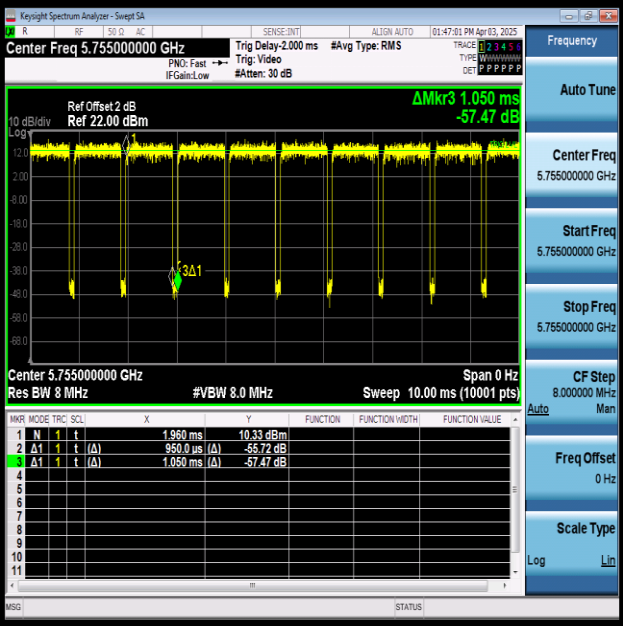


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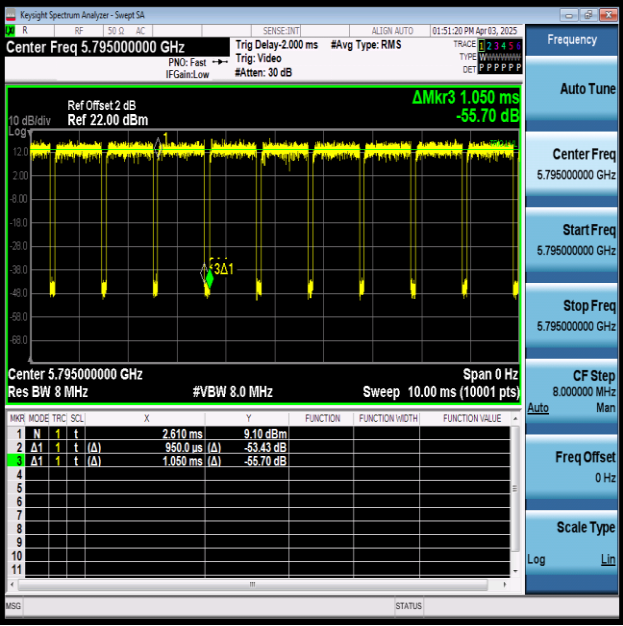


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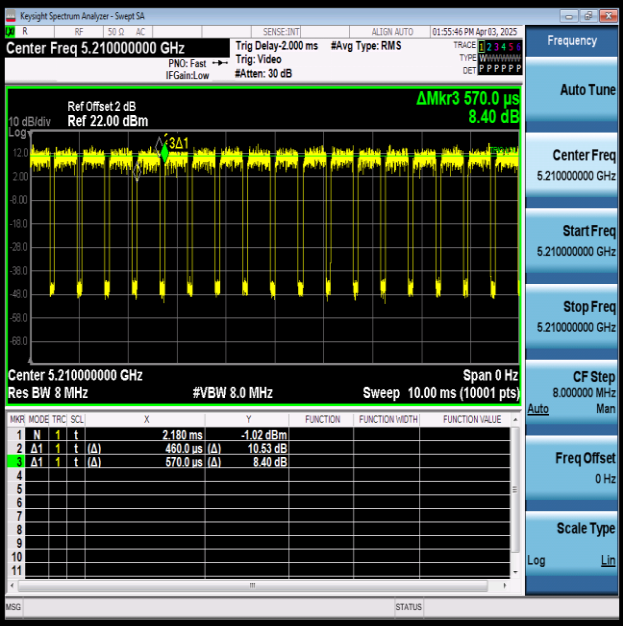




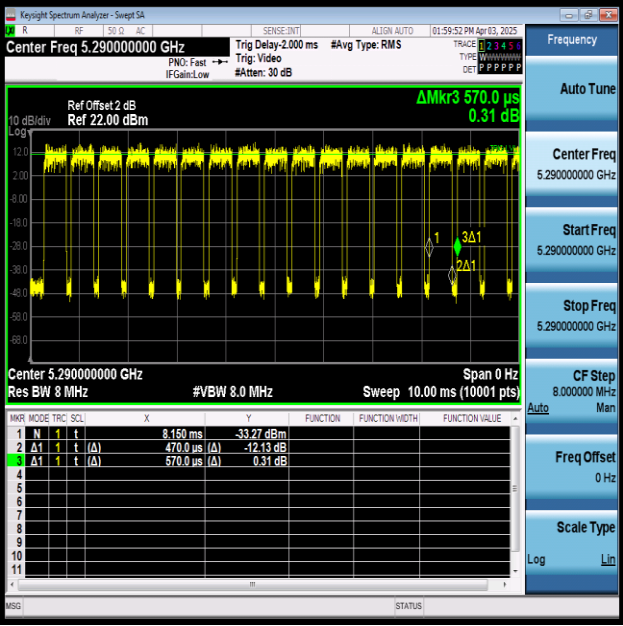
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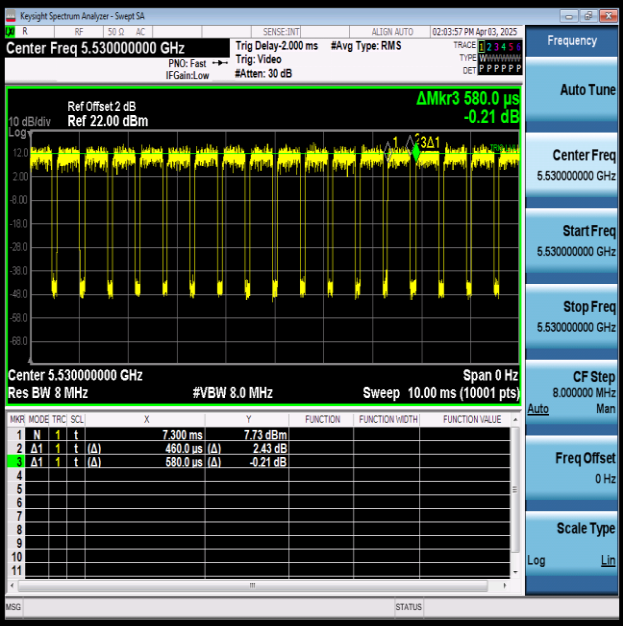
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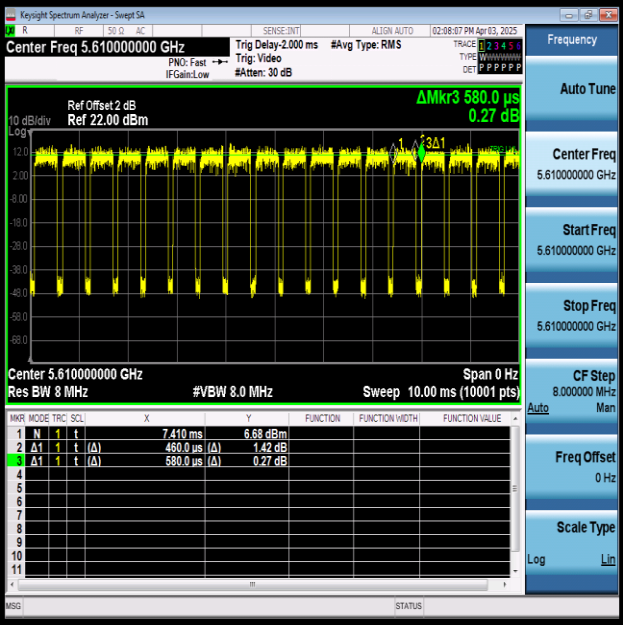
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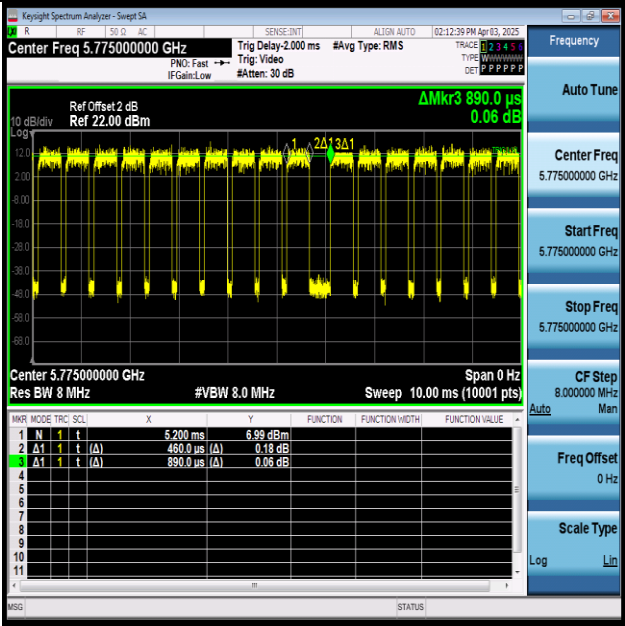
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NTNV-11AC80SISO-Ant1-5530



NTNV-11AC80SISO-Ant1-5610



NTNV-11AC80SISO-Ant1-5775

## Appendix F: Power Output

| Mode                | Channel | Test Frequency (MHz) | Conducted Power (dBm) | EIRP Power (dBm) | Conducted Power Limit (dBm) | EIRP Limit (dBm) | Result |
|---------------------|---------|----------------------|-----------------------|------------------|-----------------------------|------------------|--------|
| 802.11a 6Mbps       | 36      | 5180                 | 18.49                 | 20.41            | 23.98                       | 30.00            | PASS   |
|                     | 44      | 5220                 | 18.36                 | 20.28            | 23.98                       | 30.00            | PASS   |
|                     | 48      | 5240                 | 18.34                 | 20.26            | 23.98                       | 30.00            | PASS   |
|                     | 52      | 5260                 | 18.40                 | 20.32            | 23.98                       | 30.00            | PASS   |
|                     | 60      | 5300                 | 18.42                 | 20.34            | 23.86                       | 30.00            | PASS   |
|                     | 64      | 5320                 | 18.47                 | 20.39            | 23.86                       | 30.00            | PASS   |
|                     | 100     | 5500                 | 19.09                 | 19.24            | 23.87                       | 30.00            | PASS   |
|                     | 116     | 5580                 | 19.21                 | 19.36            | 23.86                       | 30.00            | PASS   |
|                     | 140     | 5700                 | 18.87                 | 19.02            | 23.96                       | 30.00            | PASS   |
|                     | 149     | 5745                 | 18.77                 | 18.92            | 30.00                       | 30.00            | PASS   |
|                     | 157     | 5785                 | 18.68                 | 18.83            | 30.00                       | 30.00            | PASS   |
|                     | 165     | 5825                 | 18.99                 | 19.14            | 30.00                       | 30.00            | PASS   |
| 802.11n-HT20 MCS0   | 36      | 5180                 | 18.10                 | 20.02            | 23.98                       | 30.00            | PASS   |
|                     | 44      | 5220                 | 18.09                 | 20.01            | 23.98                       | 30.00            | PASS   |
|                     | 48      | 5240                 | 18.23                 | 20.15            | 23.98                       | 30.00            | PASS   |
|                     | 52      | 5260                 | 18.34                 | 20.26            | 23.98                       | 30.00            | PASS   |
|                     | 60      | 5300                 | 18.23                 | 20.15            | 23.98                       | 30.00            | PASS   |
|                     | 64      | 5320                 | 18.43                 | 20.35            | 23.98                       | 30.00            | PASS   |
|                     | 100     | 5500                 | 18.46                 | 18.61            | 23.98                       | 30.00            | PASS   |
|                     | 116     | 5580                 | 18.05                 | 18.20            | 23.98                       | 30.00            | PASS   |
|                     | 140     | 5700                 | 18.18                 | 18.33            | 23.98                       | 30.00            | PASS   |
|                     | 149     | 5745                 | 18.12                 | 18.27            | 30.00                       | 30.00            | PASS   |
|                     | 157     | 5785                 | 18.27                 | 18.42            | 30.00                       | 30.00            | PASS   |
|                     | 165     | 5825                 | 18.29                 | 18.44            | 30.00                       | 30.00            | PASS   |
| 802.11n-HT40 MCS0   | 38      | 5190                 | 18.26                 | 20.18            | 23.98                       | 30.00            | PASS   |
|                     | 46      | 5230                 | 18.33                 | 20.25            | 23.98                       | 30.00            | PASS   |
|                     | 54      | 5270                 | 18.51                 | 20.43            | 23.98                       | 30.00            | PASS   |
|                     | 62      | 5310                 | 18.36                 | 20.28            | 23.98                       | 30.00            | PASS   |
|                     | 102     | 5510                 | 18.15                 | 18.30            | 23.98                       | 30.00            | PASS   |
|                     | 118     | 5590                 | 18.06                 | 18.21            | 23.98                       | 30.00            | PASS   |
|                     | 134     | 5670                 | 18.19                 | 18.34            | 23.98                       | 30.00            | PASS   |
|                     | 151     | 5755                 | 18.13                 | 18.28            | 30.00                       | 30.00            | PASS   |
|                     | 159     | 5795                 | 18.01                 | 18.16            | 30.00                       | 30.00            | PASS   |
| 802.11ac-VHT20 MCS0 | 36      | 5180                 | 18.36                 | 20.28            | 23.98                       | 30.00            | PASS   |
|                     | 44      | 5220                 | 18.08                 | 20.00            | 23.98                       | 30.00            | PASS   |
|                     | 48      | 5240                 | 18.13                 | 20.05            | 23.98                       | 30.00            | PASS   |
|                     | 52      | 5260                 | 18.31                 | 20.23            | 23.98                       | 30.00            | PASS   |
|                     | 60      | 5300                 | 18.22                 | 20.14            | 23.98                       | 30.00            | PASS   |
|                     | 64      | 5320                 | 18.47                 | 20.39            | 23.98                       | 30.00            | PASS   |

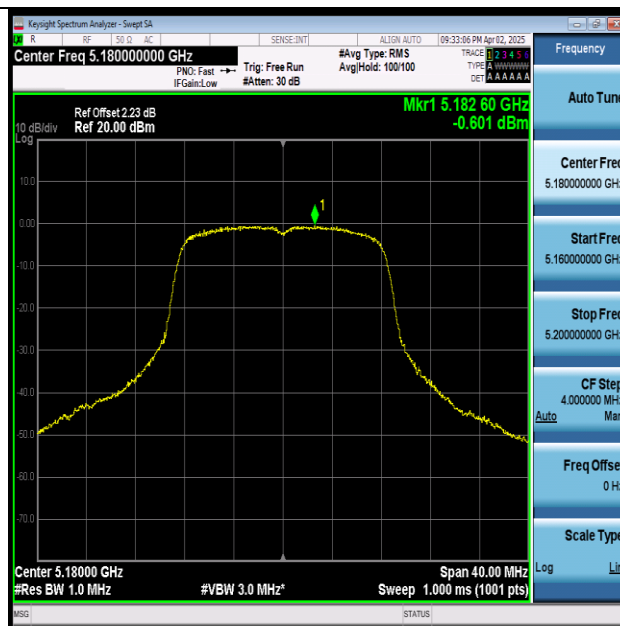
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|---------------------|-----|------|-------|-------|-------|-------|------|
|                     | 100 | 5500 | 18.33 | 18.48 | 23.98 | 30.00 | PASS |
|                     | 116 | 5580 | 18.02 | 18.17 | 23.98 | 30.00 | PASS |
|                     | 140 | 5700 | 18.34 | 18.49 | 23.98 | 30.00 | PASS |
|                     | 149 | 5745 | 18.32 | 18.47 | 30.00 | 30.00 | PASS |
|                     | 157 | 5785 | 18.23 | 18.38 | 30.00 | 30.00 | PASS |
|                     | 165 | 5825 | 18.33 | 18.48 | 30.00 | 30.00 | PASS |
| 802.11ac-VHT40 MCS0 | 38  | 5190 | 18.04 | 19.96 | 23.98 | 30.00 | PASS |
|                     | 46  | 5230 | 18.20 | 20.12 | 23.98 | 30.00 | PASS |
|                     | 54  | 5270 | 18.13 | 20.05 | 23.98 | 30.00 | PASS |
|                     | 62  | 5310 | 18.29 | 20.21 | 23.98 | 30.00 | PASS |
|                     | 102 | 5510 | 18.46 | 18.61 | 23.98 | 30.00 | PASS |
|                     | 118 | 5590 | 18.31 | 18.46 | 23.98 | 30.00 | PASS |
|                     | 134 | 5670 | 18.44 | 18.59 | 23.98 | 30.00 | PASS |
|                     | 151 | 5755 | 18.08 | 18.23 | 30.00 | 30.00 | PASS |
|                     | 159 | 5795 | 18.30 | 18.45 | 30.00 | 30.00 | PASS |
| 802.11ac-VHT80 MCS0 | 42  | 5210 | 17.86 | 19.78 | 23.98 | 30.00 | PASS |
|                     | 58  | 5290 | 17.95 | 19.87 | 23.98 | 30.00 | PASS |
|                     | 106 | 5530 | 18.29 | 18.44 | 23.98 | 30.00 | PASS |
|                     | 112 | 5610 | 18.30 | 18.45 | 23.98 | 30.00 | PASS |
|                     | 155 | 5775 | 17.92 | 18.07 | 30.00 | 30.00 | PASS |

## Appendix G: Peak Power Spectral Density

| TestMode   | Frequency[MHz] | Result [dBm/MHz] | Limit[dBm/MHz] | Verdict |
|------------|----------------|------------------|----------------|---------|
| 11A        | 5180           | -0.60            | ≤11.00         | PASS    |
| 11A        | 5200           | -0.80            | ≤11.00         | PASS    |
| 11A        | 5240           | -0.25            | ≤11.00         | PASS    |
| 11A        | 5260           | -0.08            | ≤11.00         | PASS    |
| 11A        | 5280           | -0.29            | ≤11.00         | PASS    |
| 11A        | 5320           | -0.72            | ≤11.00         | PASS    |
| 11A        | 5500           | -0.83            | ≤11.00         | PASS    |
| 11A        | 5580           | -0.84            | ≤11.00         | PASS    |
| 11A        | 5700           | -1.41            | ≤11.00         | PASS    |
| 11A        | 5745           | -3.30            | ≤30.00         | PASS    |
| 11A        | 5785           | -3.38            | ≤30.00         | PASS    |
| 11A        | 5825           | -3.55            | ≤30.00         | PASS    |
| 11N20SISO  | 5180           | 3.89             | ≤11.00         | PASS    |
| 11N20SISO  | 5200           | 3.60             | ≤11.00         | PASS    |
| 11N20SISO  | 5240           | 3.93             | ≤11.00         | PASS    |
| 11N20SISO  | 5260           | 4.06             | ≤11.00         | PASS    |
| 11N20SISO  | 5280           | 4.12             | ≤11.00         | PASS    |
| 11N20SISO  | 5320           | 3.80             | ≤11.00         | PASS    |
| 11N20SISO  | 5500           | 3.63             | ≤11.00         | PASS    |
| 11N20SISO  | 5580           | 3.69             | ≤11.00         | PASS    |
| 11N20SISO  | 5700           | 3.30             | ≤11.00         | PASS    |
| 11N20SISO  | 5745           | 0.70             | ≤30.00         | PASS    |
| 11N20SISO  | 5785           | 0.92             | ≤30.00         | PASS    |
| 11N20SISO  | 5825           | -4.05            | ≤30.00         | PASS    |
| 11N40SISO  | 5190           | 1.47             | ≤11.00         | PASS    |
| 11N40SISO  | 5230           | 1.50             | ≤11.00         | PASS    |
| 11N40SISO  | 5270           | 1.83             | ≤11.00         | PASS    |
| 11N40SISO  | 5310           | 1.51             | ≤11.00         | PASS    |
| 11N40SISO  | 5510           | 1.63             | ≤11.00         | PASS    |
| 11N40SISO  | 5550           | 2.20             | ≤11.00         | PASS    |
| 11N40SISO  | 5590           | 1.37             | ≤11.00         | PASS    |
| 11N40SISO  | 5670           | 1.31             | ≤11.00         | PASS    |
| 11N40SISO  | 5755           | -2.16            | ≤30.00         | PASS    |
| 11N40SISO  | 5795           | -1.25            | ≤30.00         | PASS    |
| 11AC20SISO | 5180           | 3.95             | ≤11.00         | PASS    |
| 11AC20SISO | 5200           | 3.51             | ≤11.00         | PASS    |
| 11AC20SISO | 5240           | 3.94             | ≤11.00         | PASS    |
| 11AC20SISO | 5260           | 4.06             | ≤11.00         | PASS    |
| 11AC20SISO | 5280           | 4.45             | ≤11.00         | PASS    |
| 11AC20SISO | 5320           | 3.88             | ≤11.00         | PASS    |
| 11AC20SISO | 5500           | 3.98             | ≤11.00         | PASS    |
| 11AC20SISO | 5580           | 3.74             | ≤11.00         | PASS    |

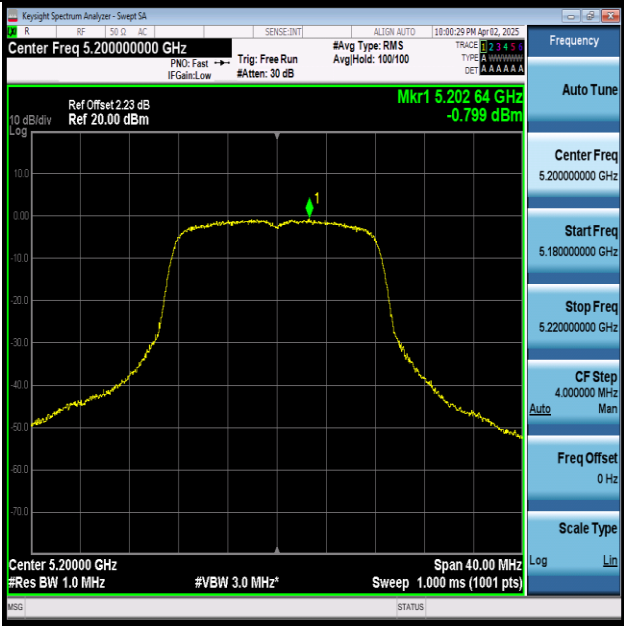
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|------------|------|-------|--------|------|
| 11AC20SISO | 5700 | 3.51  | ≤11.00 | PASS |
| 11AC20SISO | 5745 | 1.38  | ≤30.00 | PASS |
| 11AC20SISO | 5785 | 0.58  | ≤30.00 | PASS |
| 11AC20SISO | 5825 | -3.94 | ≤30.00 | PASS |
| 11AC40SISO | 5190 | 1.22  | ≤11.00 | PASS |
| 11AC40SISO | 5230 | 1.58  | ≤11.00 | PASS |
| 11AC40SISO | 5270 | 1.70  | ≤11.00 | PASS |
| 11AC40SISO | 5310 | 1.36  | ≤11.00 | PASS |
| 11AC40SISO | 5510 | 1.78  | ≤11.00 | PASS |
| 11AC40SISO | 5590 | 1.42  | ≤11.00 | PASS |
| 11AC40SISO | 5670 | 1.32  | ≤11.00 | PASS |
| 11AC40SISO | 5755 | -1.81 | ≤30.00 | PASS |
| 11AC40SISO | 5795 | -1.87 | ≤30.00 | PASS |
| 11AC80SISO | 5210 | -1.98 | ≤11.00 | PASS |
| 11AC80SISO | 5290 | -1.72 | ≤11.00 | PASS |
| 11AC80SISO | 5530 | -1.10 | ≤11.00 | PASS |
| 11AC80SISO | 5610 | -1.79 | ≤11.00 | PASS |
| 11AC80SISO | 5775 | -3.28 | ≤30.00 | PASS |

## Test Graphs

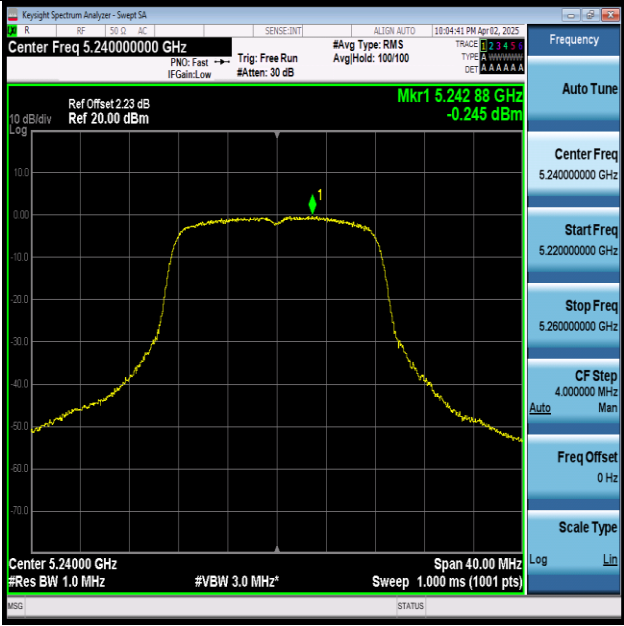


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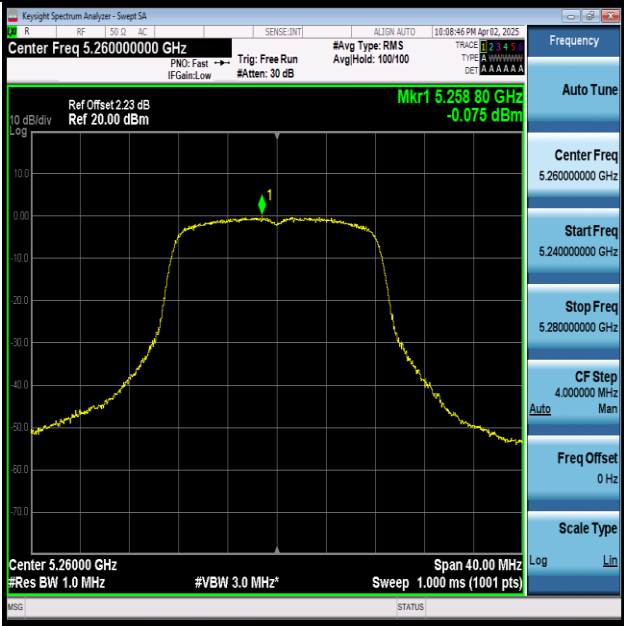




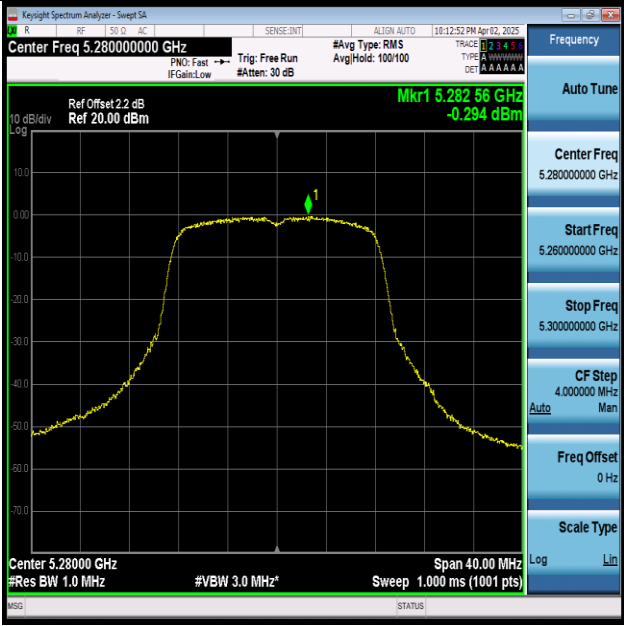
11A-Ant1-5200-PASS



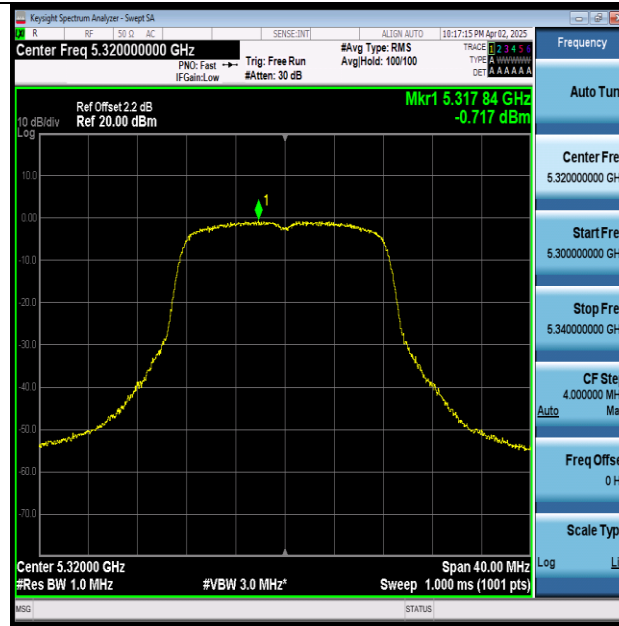
11A-Ant1-5240-PASS



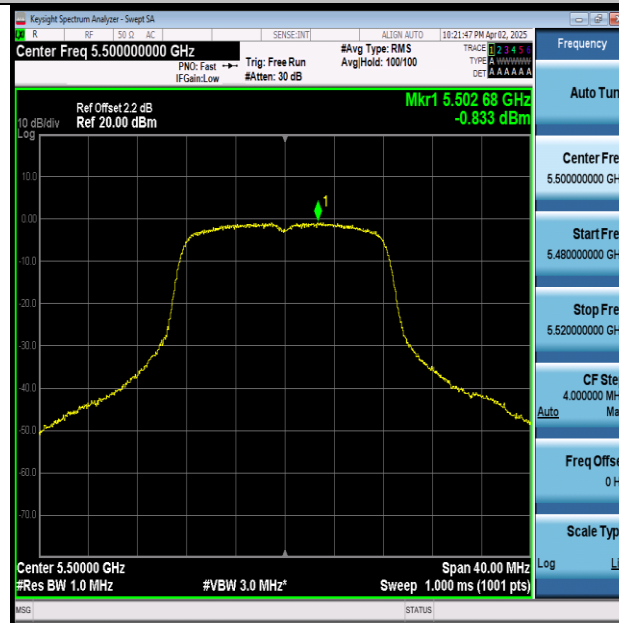
11A-Ant1-5260-PASS



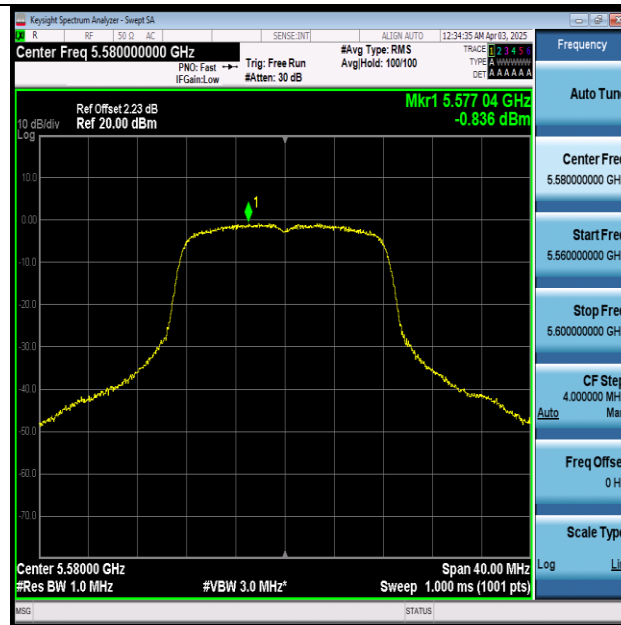
11A-Ant1-5280-PASS



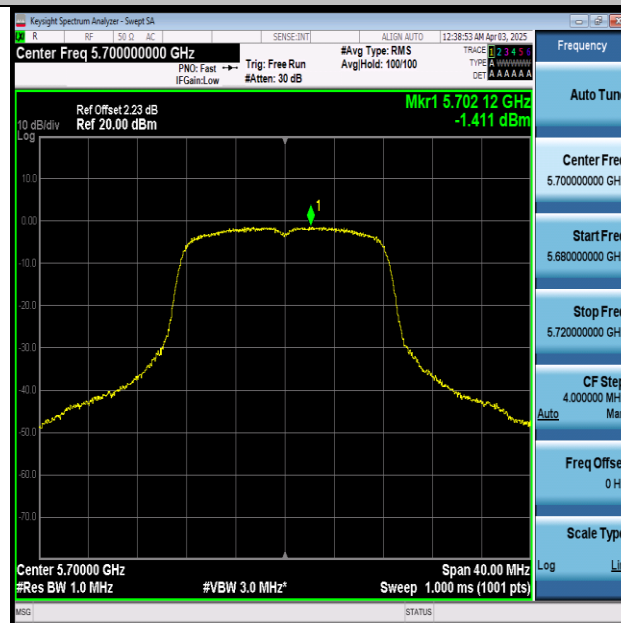
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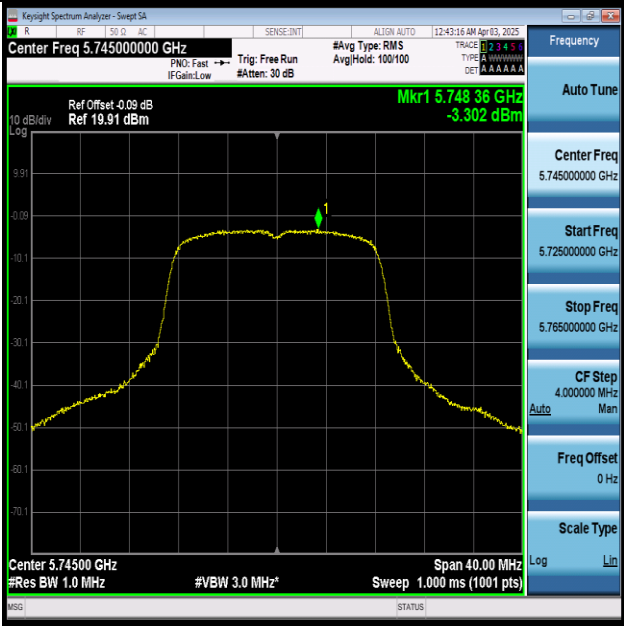
11A-Ant1-5500-PASS



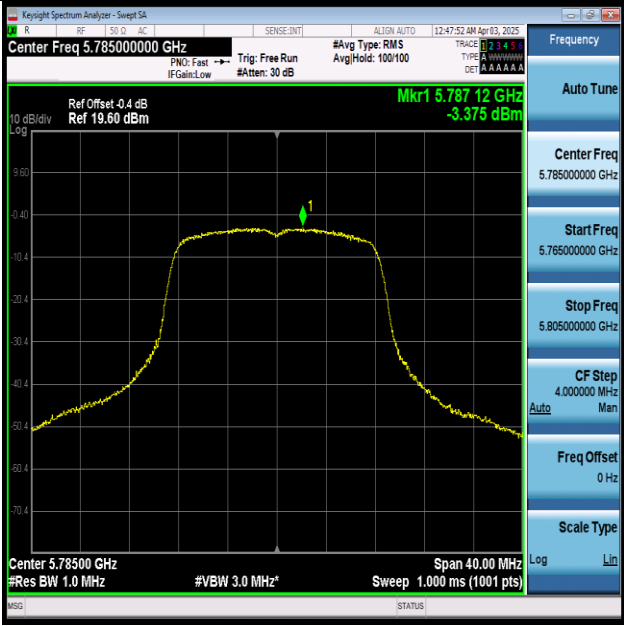
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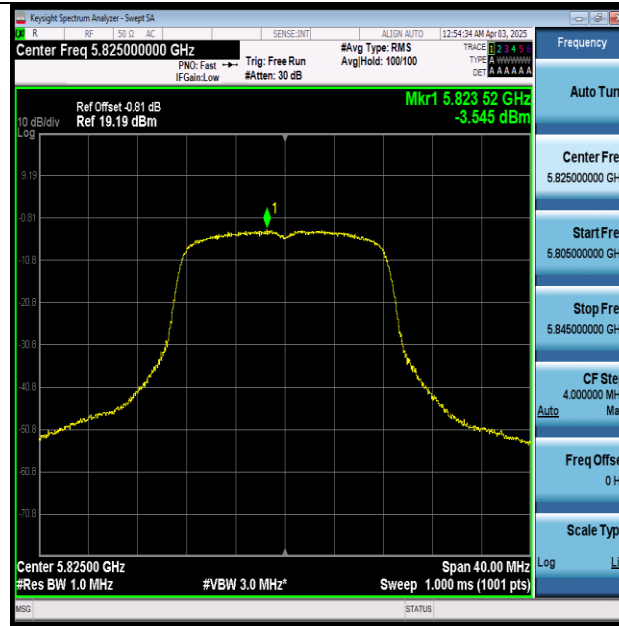
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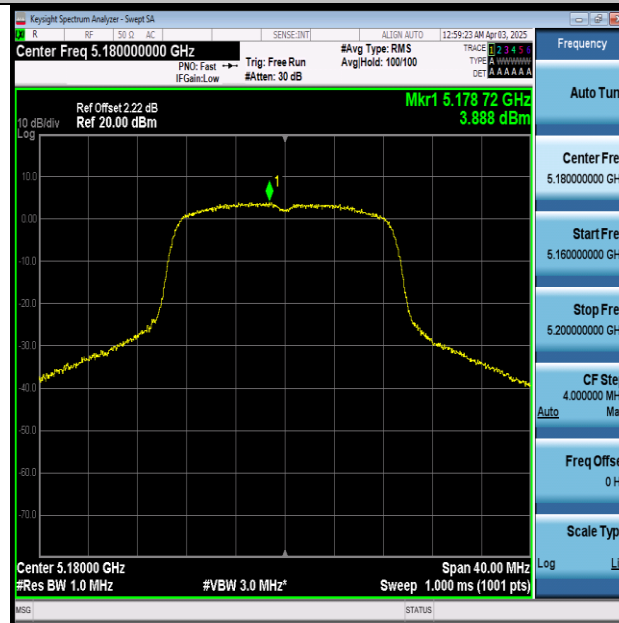
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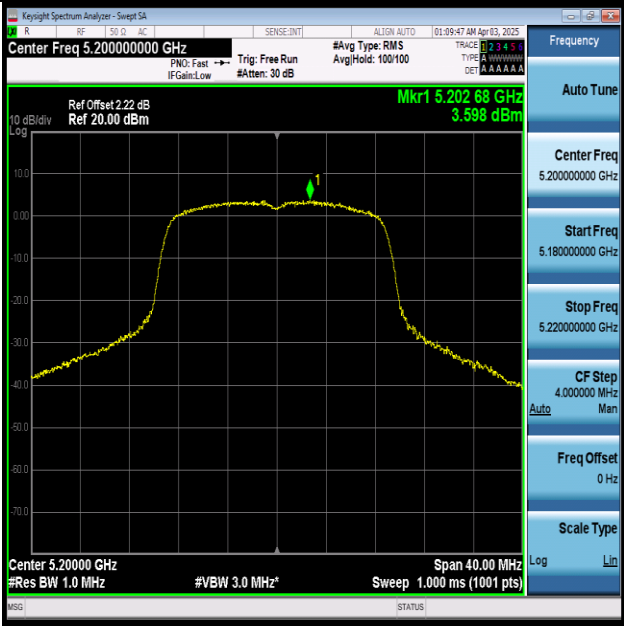
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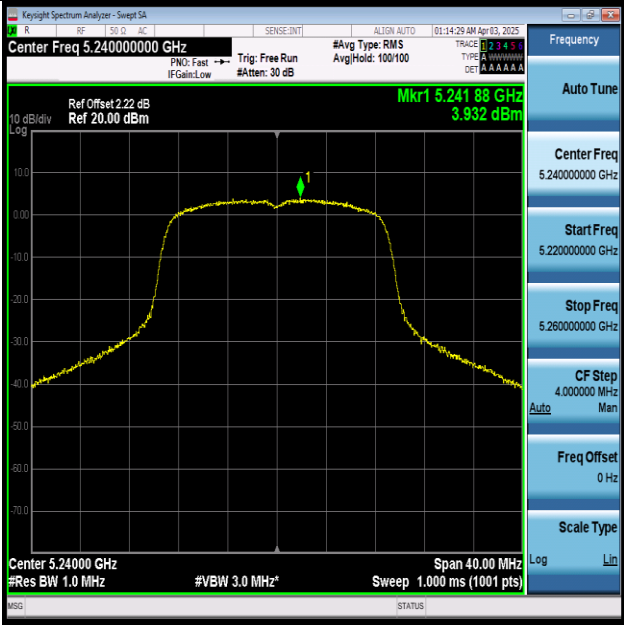
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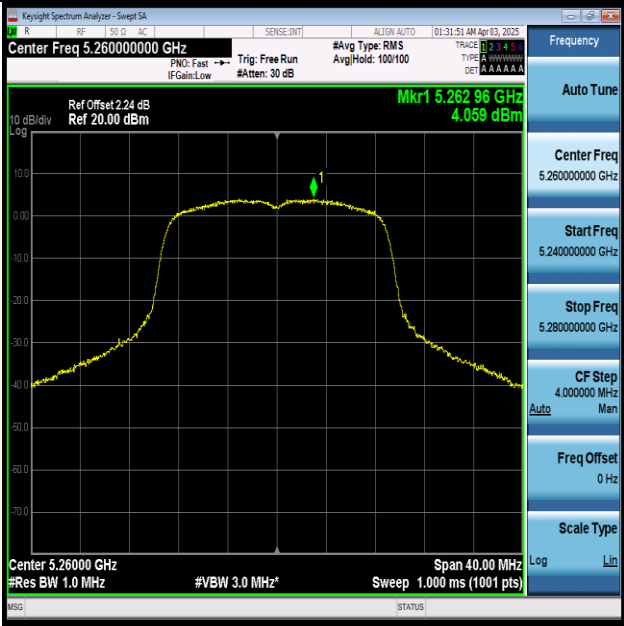
11N20SISO-Ant1-5180-PASS



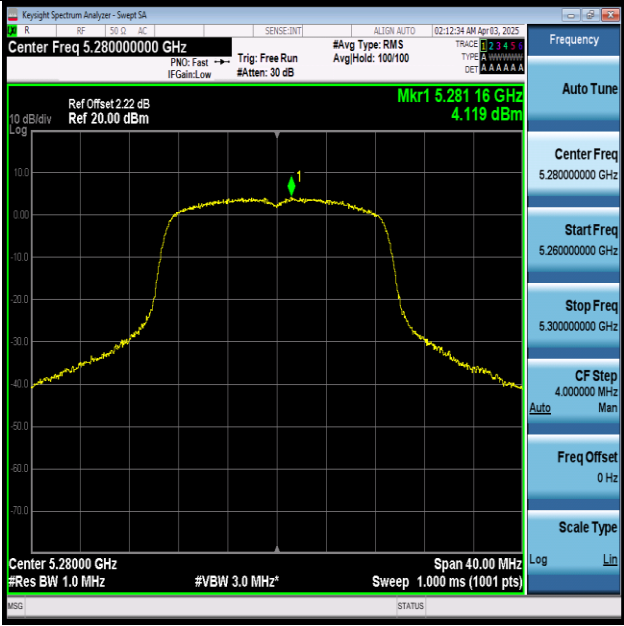
11N20SISO-Ant1-5200-PASS



11N20SISO-Ant1-5240-PASS

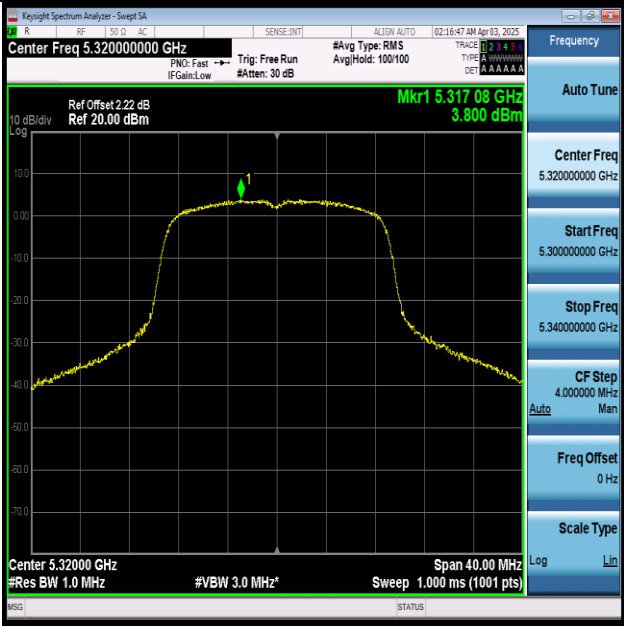


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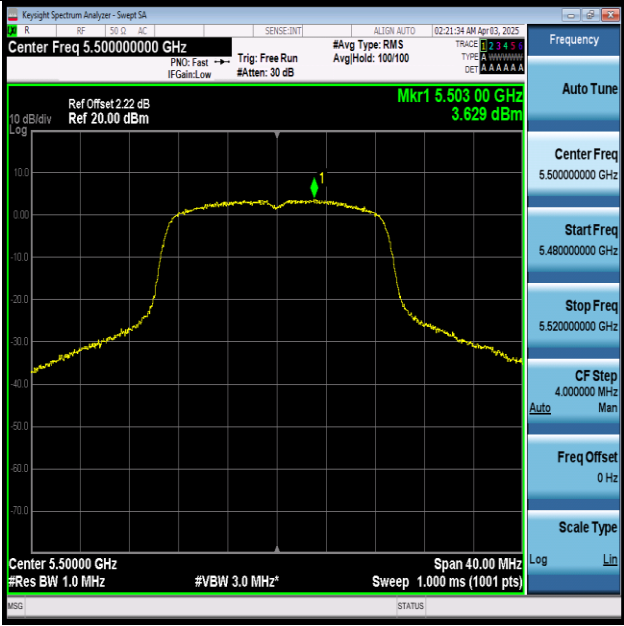


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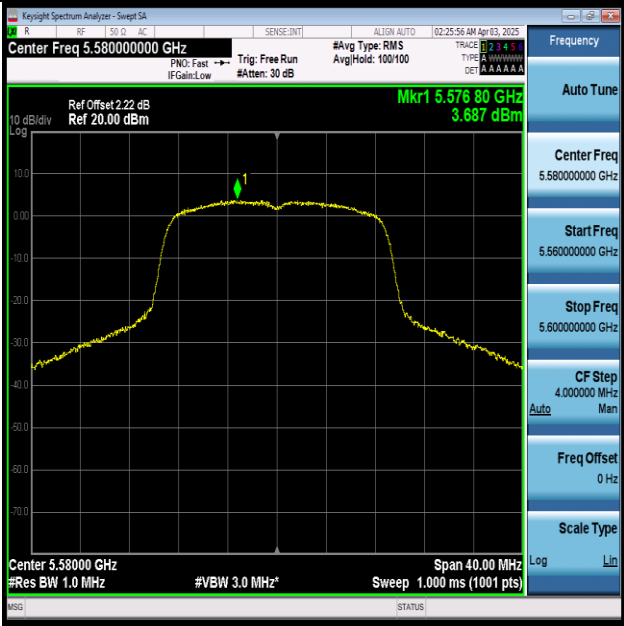




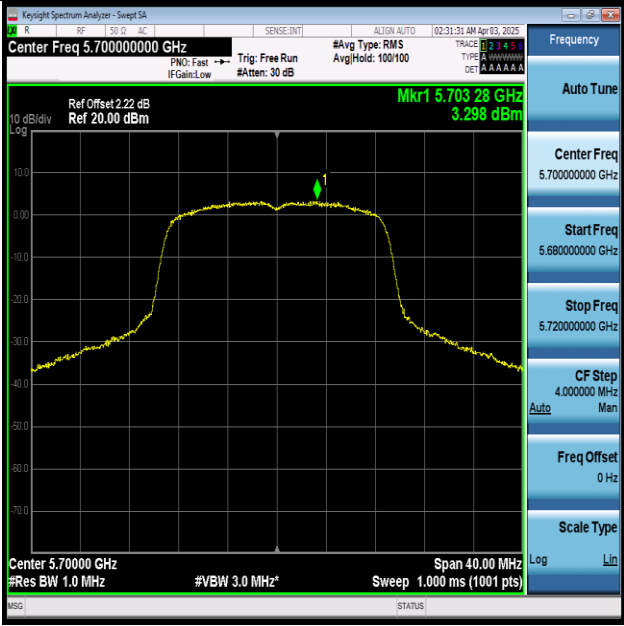
11N20SISO-Ant1-5320-PASS



11N20SISO-Ant1-5500-PASS



11N20SISO-Ant1-5580-PASS



11N20SISO-Ant1-5700-PASS