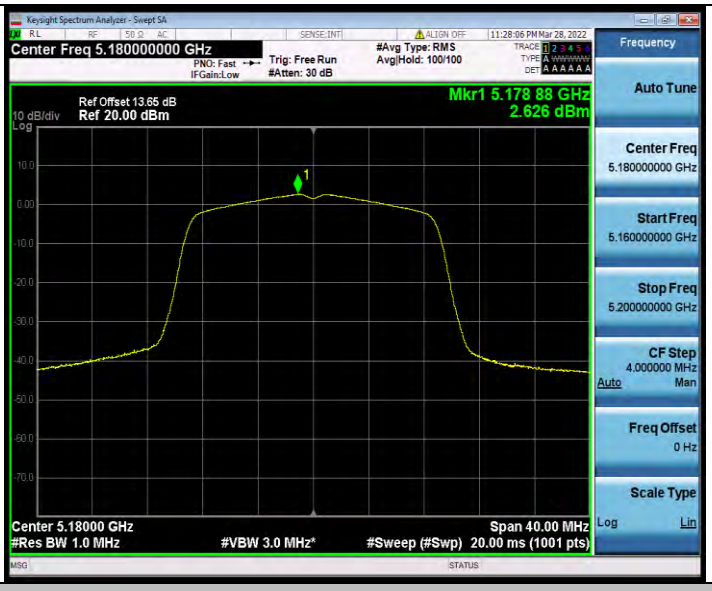
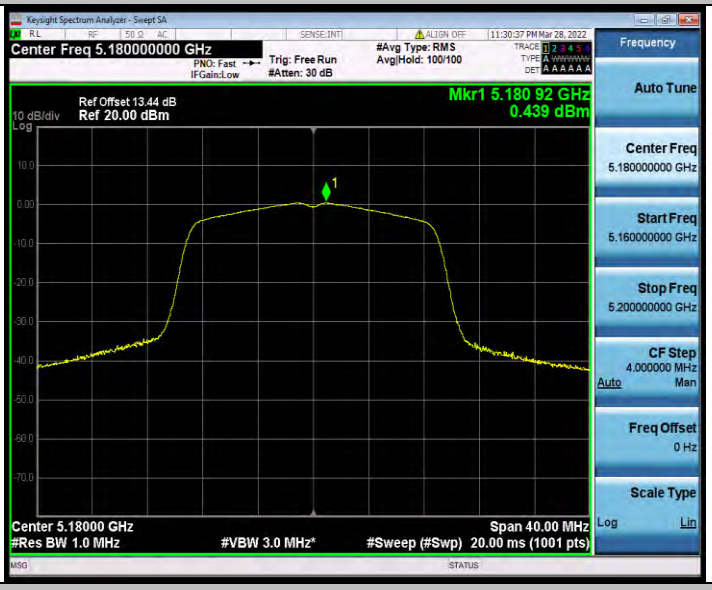
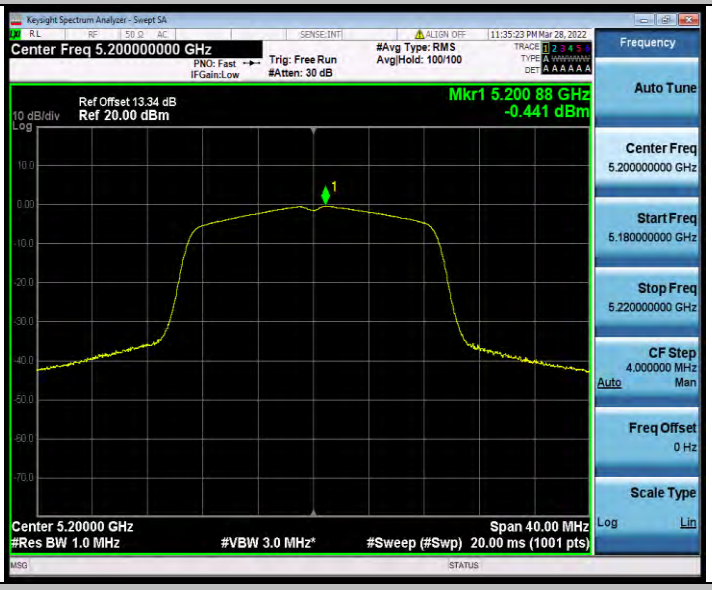



11N20MIMO_Ant1_5180

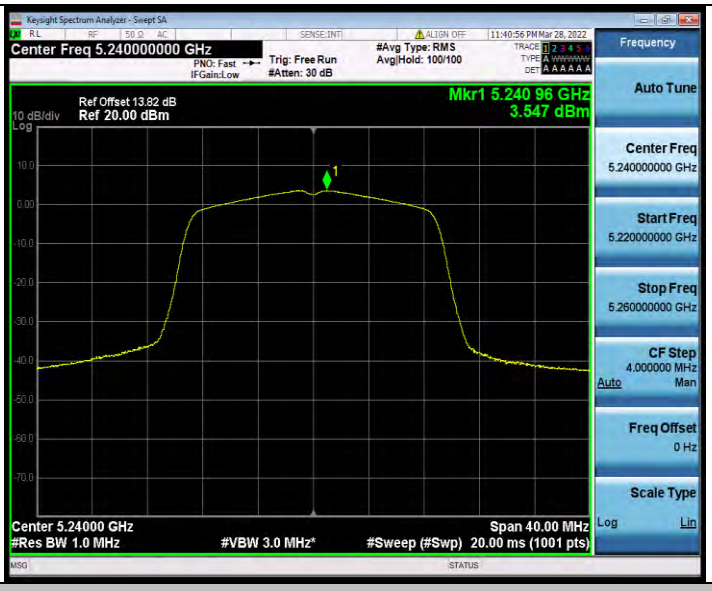



11N20MIMO_Ant0_5200

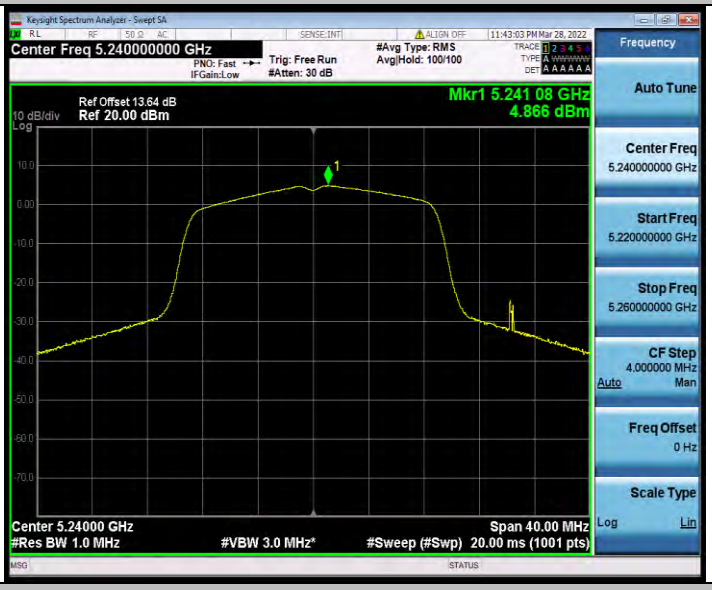
11N20MIMO_Ant1_5200




11N20MIMO_Ant0_5240

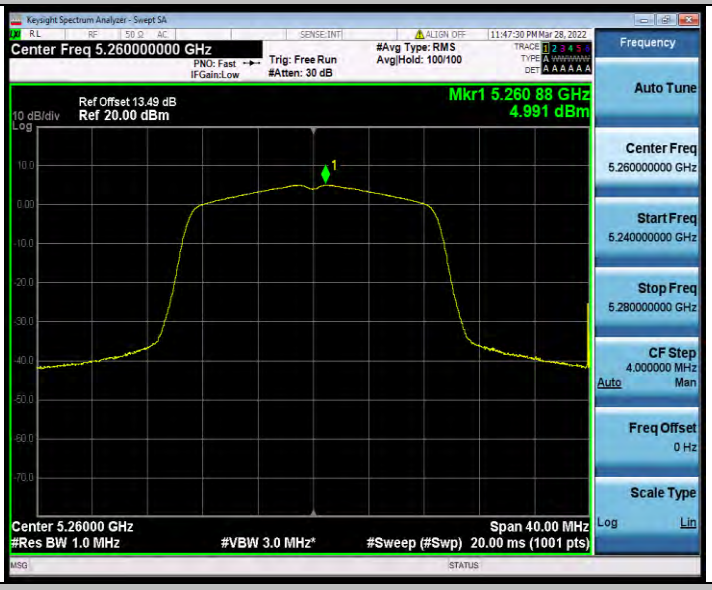



11N20MIMO_Ant1_5240

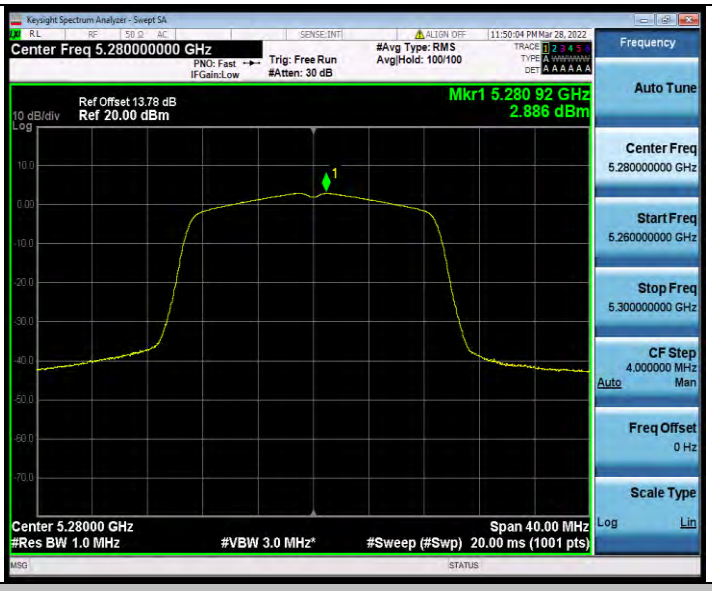



11N20MIMO_Ant0_5260

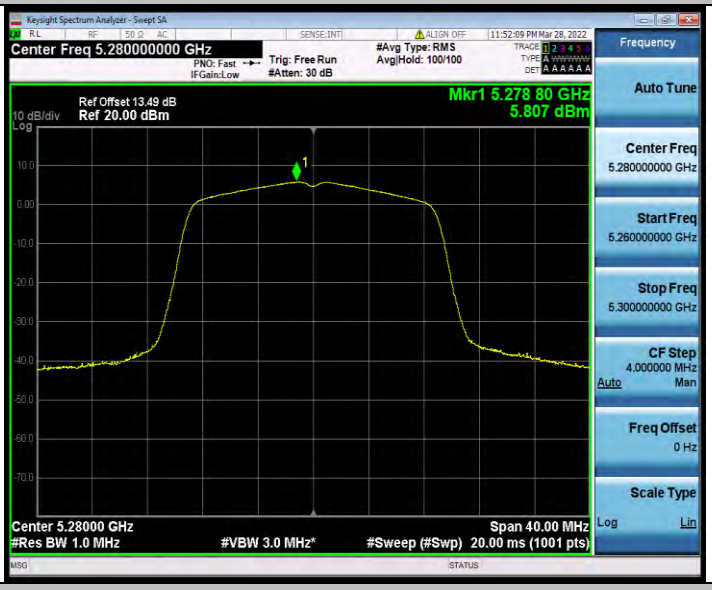
11N20MIMO_Ant1_5260



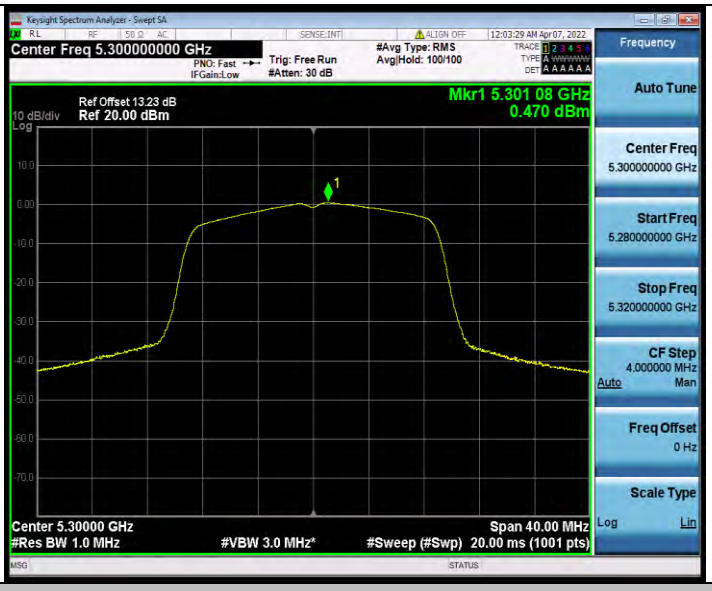

11N20MIMO_Ant0_5280



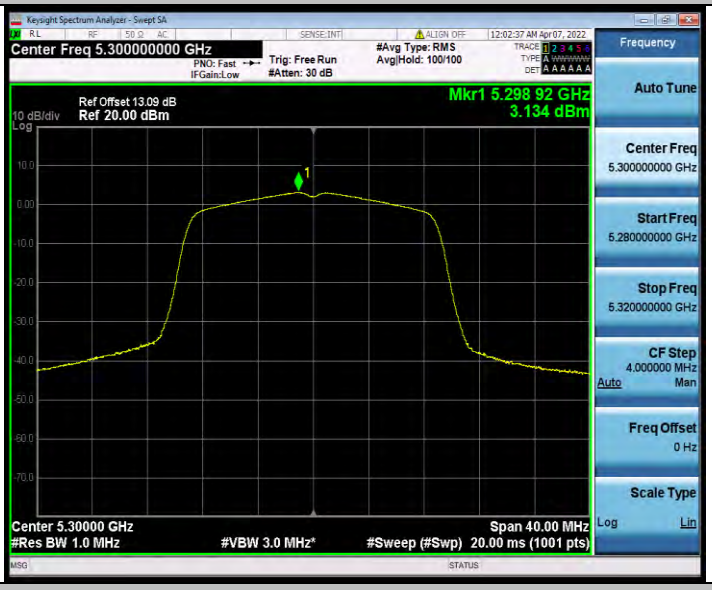

11N20MIMO_Ant1_5280



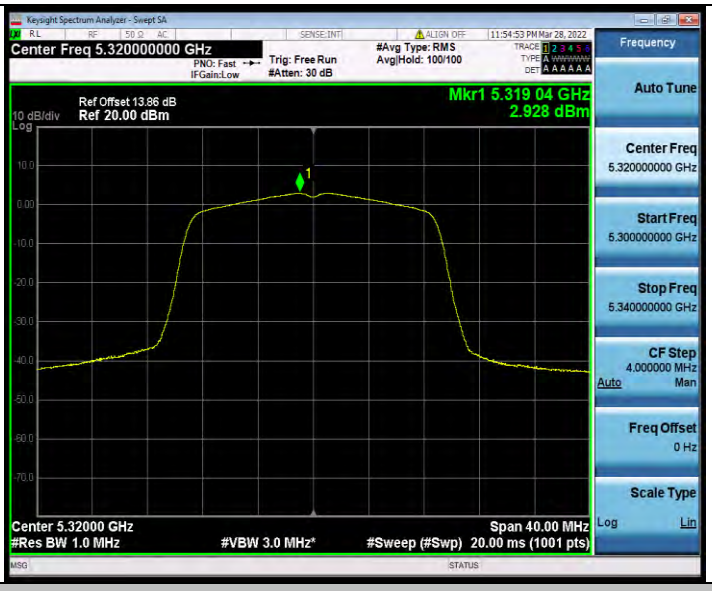

11N20MIMO_Ant0_5300



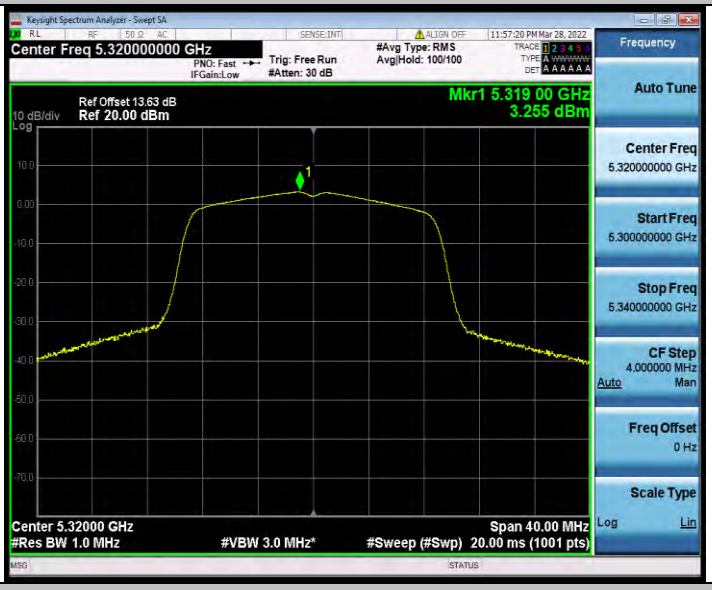

11N20MIMO_Ant1_5300



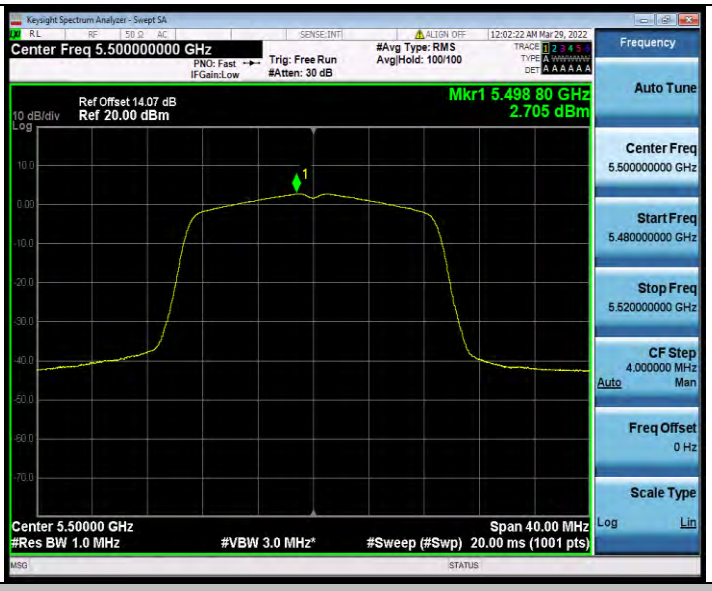

11N20MIMO_Ant0_5320



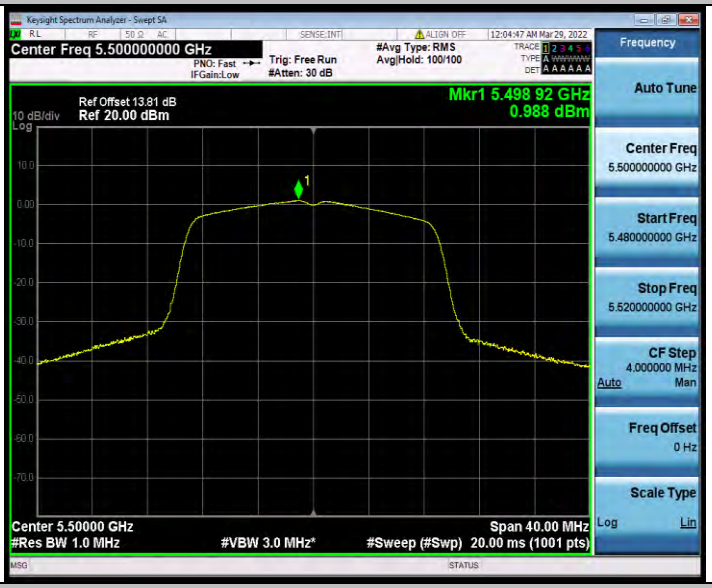

11N20MIMO_Ant1_5320



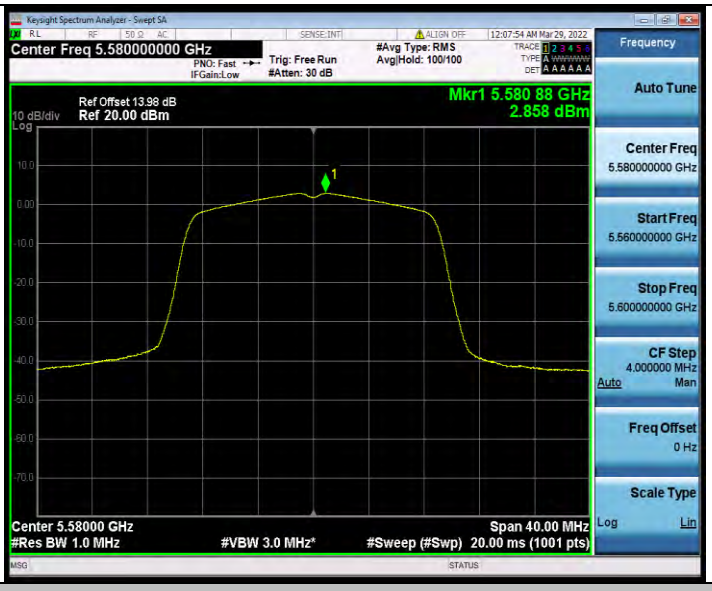

11N20MIMO_Ant0_5500



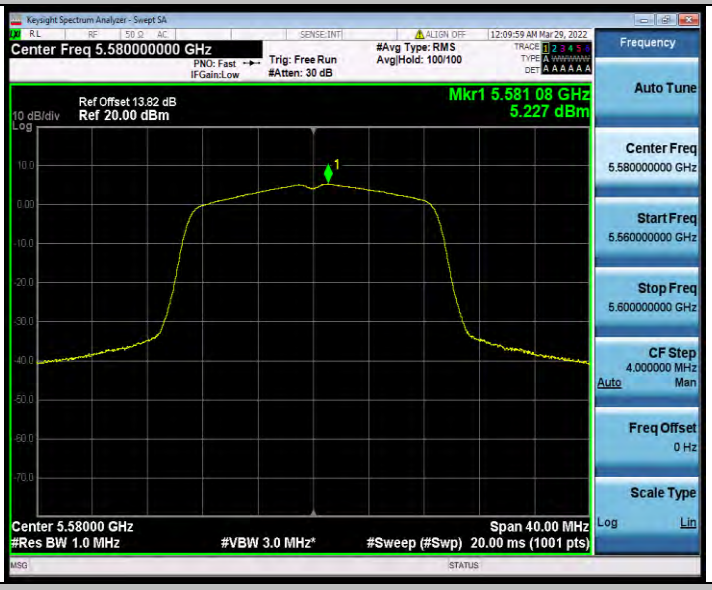

11N20MIMO_Ant1_5500



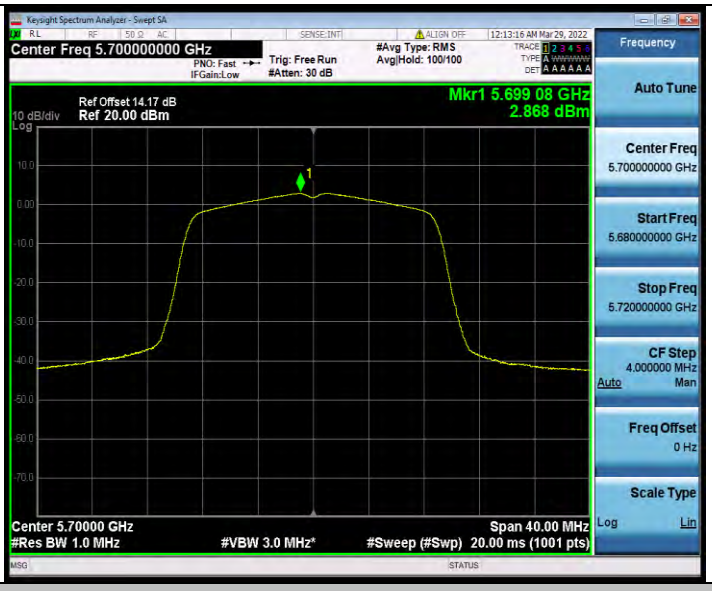

11N20MIMO_Ant0_5580




11N20MIMO_Ant1_5580




11N20MIMO_Ant0_5700




11N20MIMO_Ant1_5700

11N20MIMO_Ant0_5745

11N20MIMO_Ant1_5745

11N20MIMO_Ant0_5785

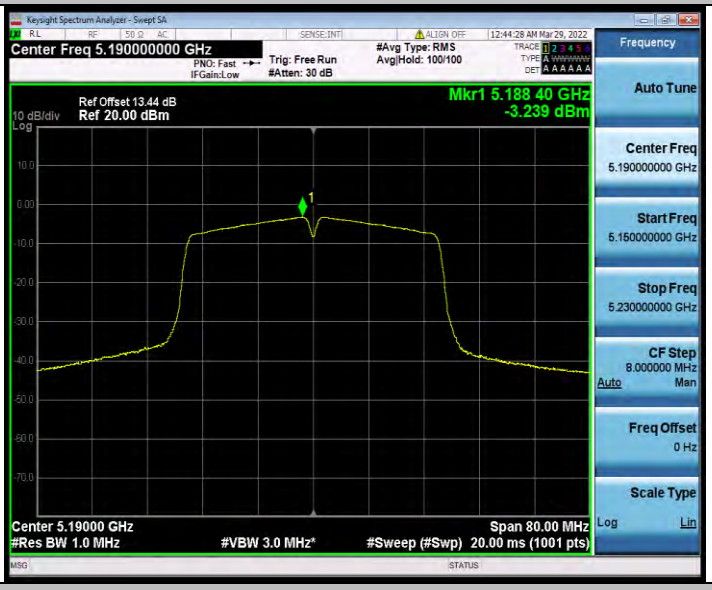
11N20MIMO_Ant1_5785

11N20MIMO_Ant0_5825

11N20MIMO_Ant1_5825

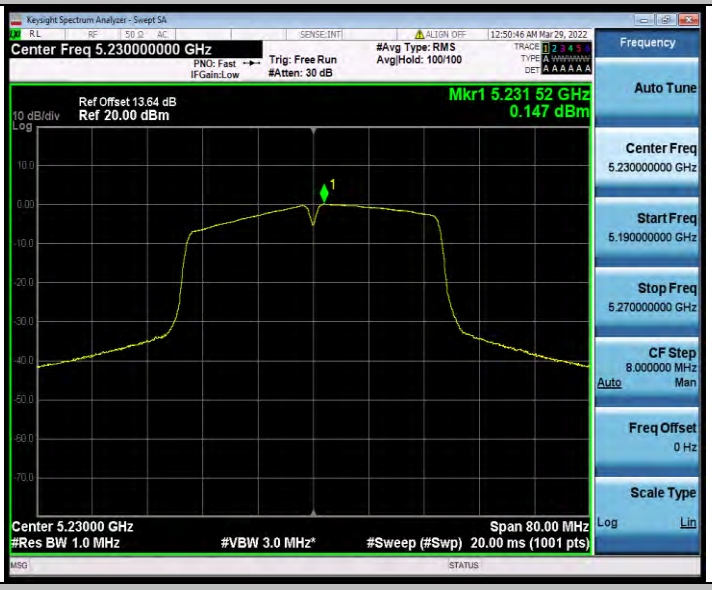
11N40MIMO_Ant0_5190

11N40MIMO_Ant1_5190



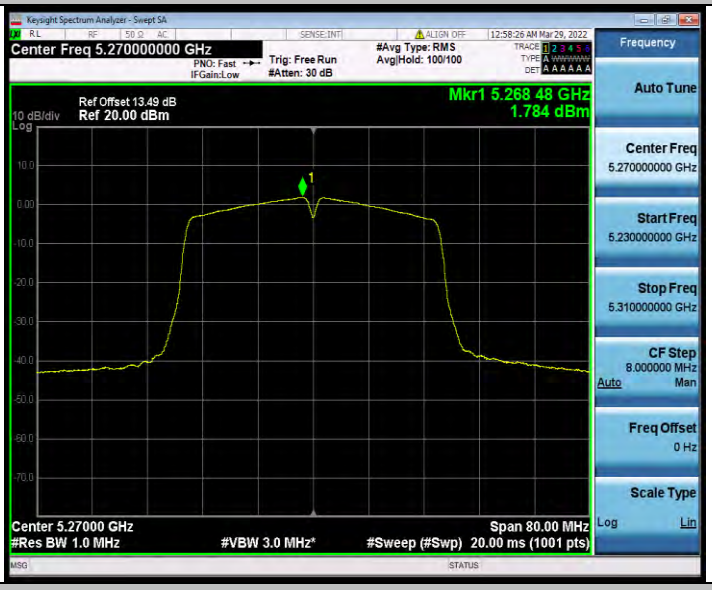

11N40MIMO_Ant0_5230

11N40MIMO_Ant1_5230



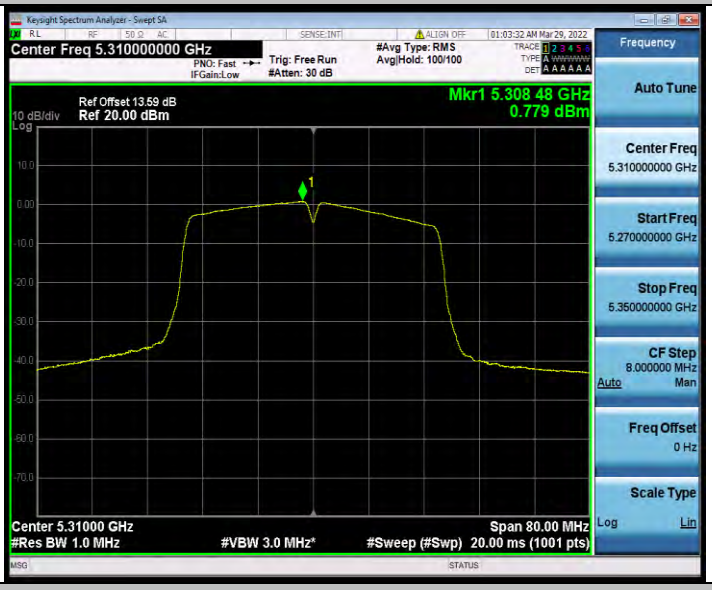

11N40MIMO_Ant0_5270

11N40MIMO_Ant1_5270

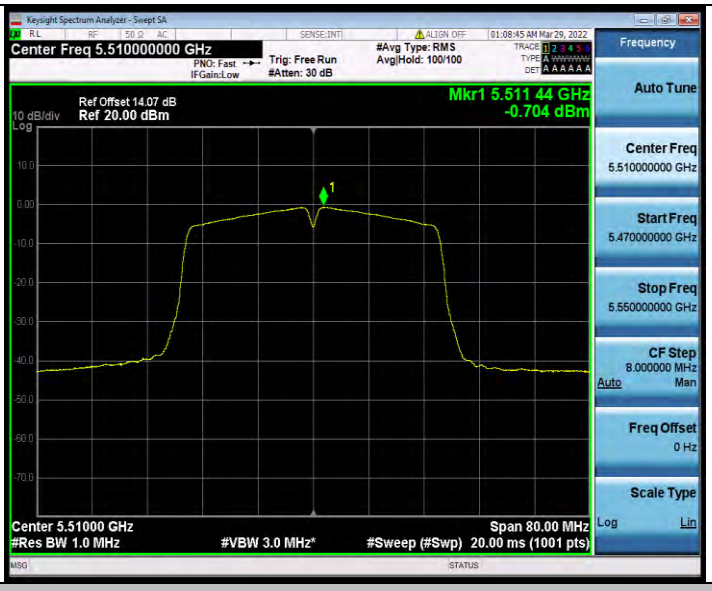



11N40MIMO_Ant0_5310

11N40MIMO_Ant1_5310



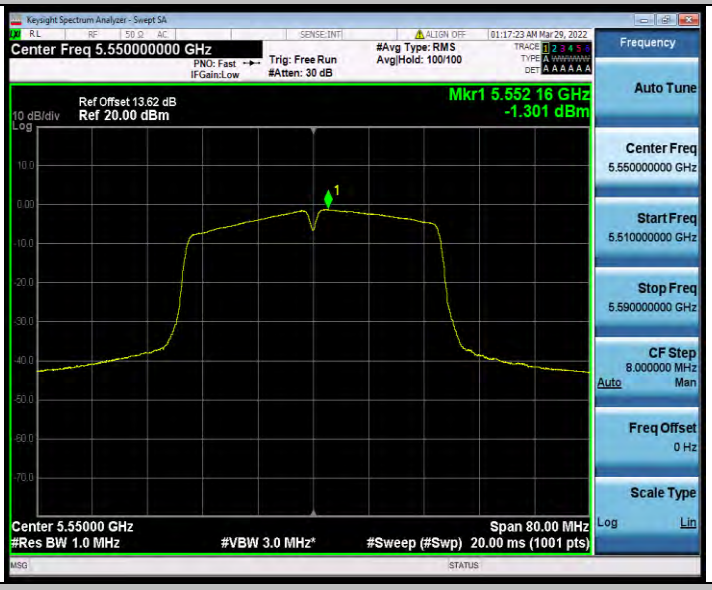

11N40MIMO_Ant0_5510



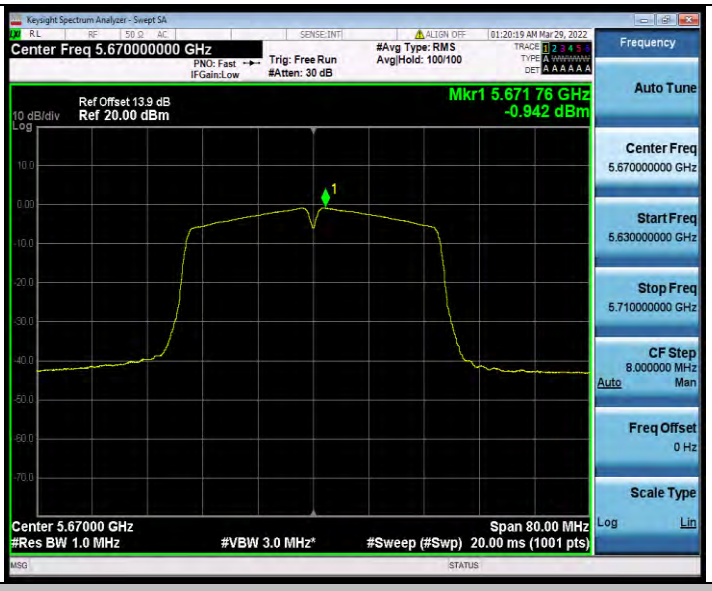

11N40MIMO_Ant1_5510

11N40MIMO_Ant0_5550

11N40MIMO_Ant1_5550




11N40MIMO_Ant0_5670




11N40MIMO_Ant1_5670

11N40MIMO_Ant0_5755

11N40MIMO_Ant1_5755

11N40MIMO_Ant0_5795

11N40MIMO_Ant1_5795

11AC80MIMO_Ant0_5210

11AC80MIMO_Ant1_5210

11AC80MIMO_Ant0_5290

11AC80MIMO_Ant1_5290

11AC80MIMO_Ant0_5530

11AC80MIMO_Ant1_5530

11AC80MIMO_Ant0_5610

11AC80MIMO_Ant1_5610

11AC80MIMO_Ant0_5775

11AC80MIMO_Ant1_5775

# 7 APPENDIX B

## CROSS BAND

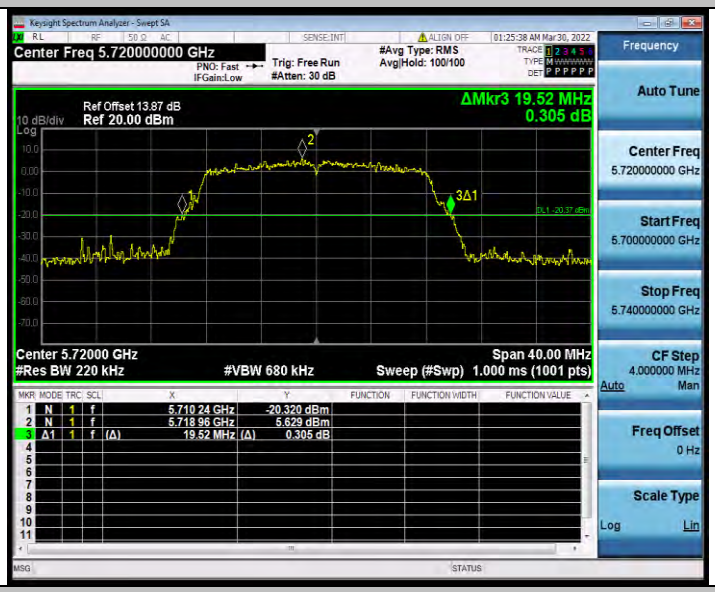
## EMISSION BANDWIDTH

## TEST RESULT

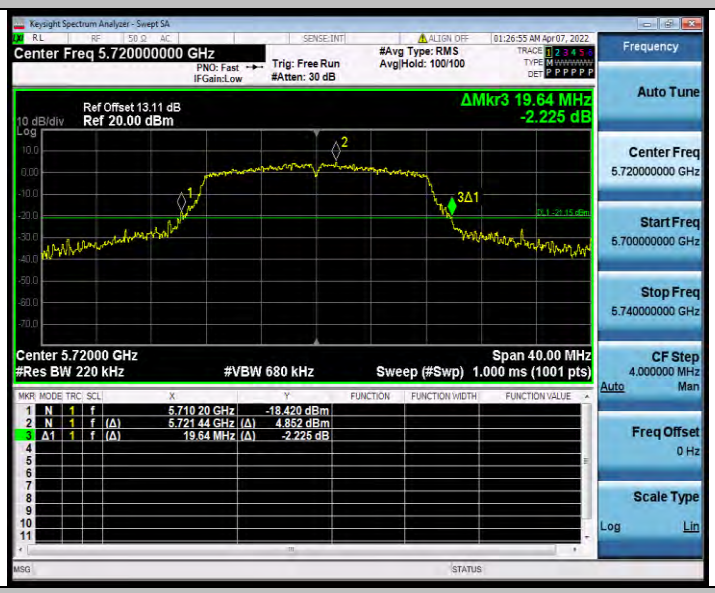
| TestMode | Antenna | Frequency[MHz] | 26db EBW [MHz] | FL[MHz] | FH[MHz] | Limit[MHz] | Verdict |
|---|---|---|---|---|---|---|---|
| 11A-CDD | Ant0 | 5720 | 19.520 | 5710.240 | 5729.760 | --- | --- |
| | Ant1 | 5720 | 19.640 | 5710.200 | 5729.840 | --- | --- |
| | Ant0 | 5720_UNII-2C | 14.76 | 5710.240 | 5725 | --- | --- |
| | Ant1 | 5720_UNII-2C | 14.8 | 5710.200 | 5725 | --- | --- |
| | Ant0 | 5720_UNII-3 | 4.76 | 5725 | 5729.760 | --- | --- |
| | Ant1 | 5720_UNII-3 | 4.84 | 5725 | 5729.840 | --- | --- |
| 11N20MIMO | Ant0 | 5720 | 19.920 | 5710.080 | 5730.000 | --- | --- |
| | Ant1 | 5720 | 20.000 | 5710.080 | 5730.080 | --- | --- |
| | Ant0 | 5720_UNII-2C | 14.92 | 5710.080 | 5725 | --- | --- |
| | Ant1 | 5720_UNII-2C | 14.92 | 5710.080 | 5725 | --- | --- |
| | Ant0 | 5720_UNII-3 | 5.00 | 5725 | 5730.000 | --- | --- |
| | Ant1 | 5720_UNII-3 | 5.08 | 5725 | 5730.080 | --- | --- |
| 11N40MIMO | Ant0 | 5710 | 40.080 | 5689.920 | 5730.000 | --- | --- |
| | Ant1 | 5710 | 39.840 | 5690.080 | 5729.920 | --- | --- |
| | Ant0 | 5710_UNII-2C | 35.08 | 5689.920 | 5725 | --- | --- |
| | Ant1 | 5710_UNII-2C | 34.92 | 5690.080 | 5725 | --- | --- |
| | Ant0 | 5710_UNII-3 | 5.00 | 5725 | 5730.000 | --- | --- |
| | Ant1 | 5710_UNII-3 | 4.92 | 5725 | 5729.920 | --- | --- |

## TEST GRAPHS

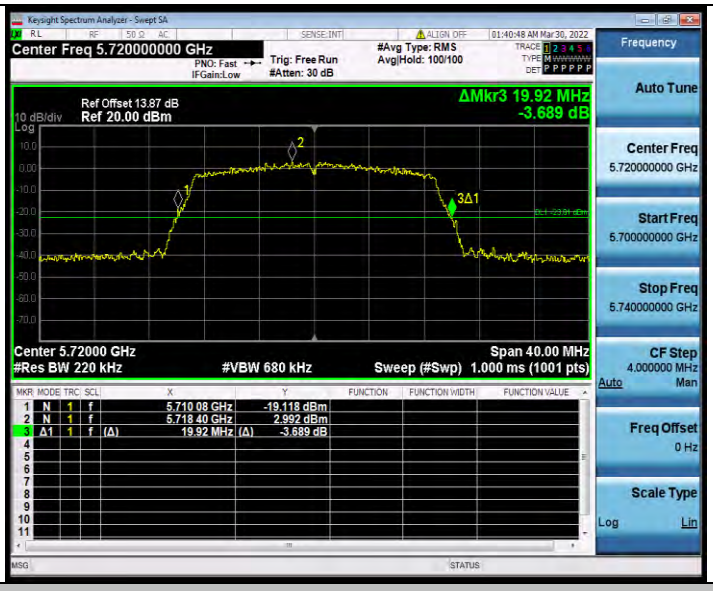
11A-CDD_Ant0_5720



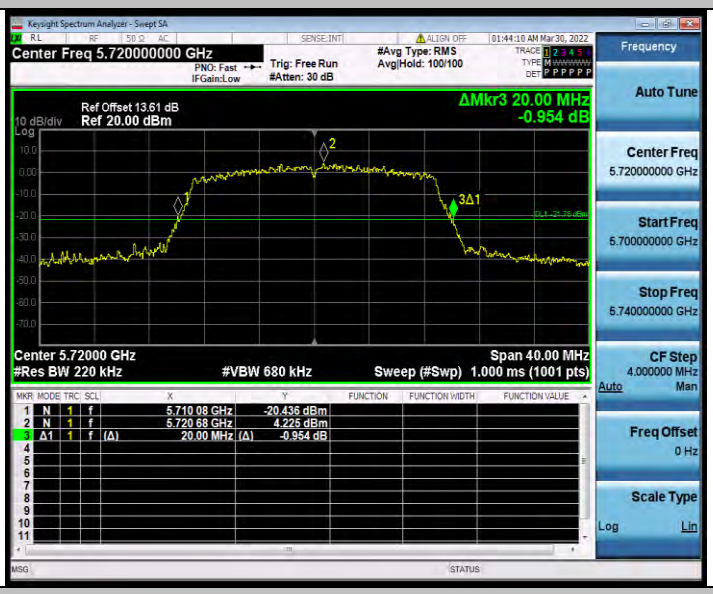

11A-CDD_Ant1_5720



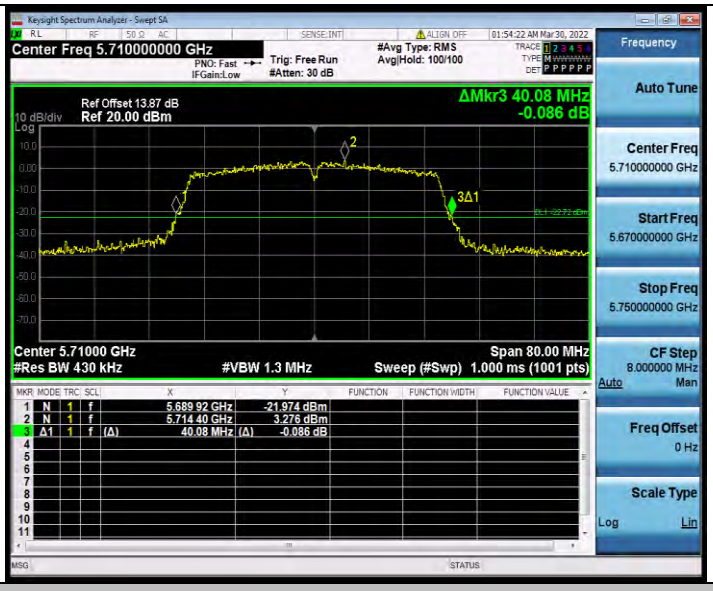

11N20MIMO_Ant0_5720



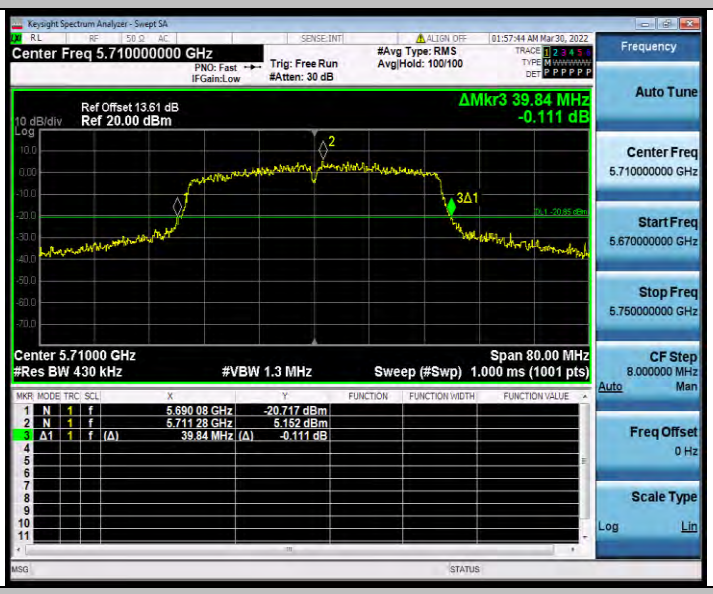

11N20MIMO_Ant1_5720



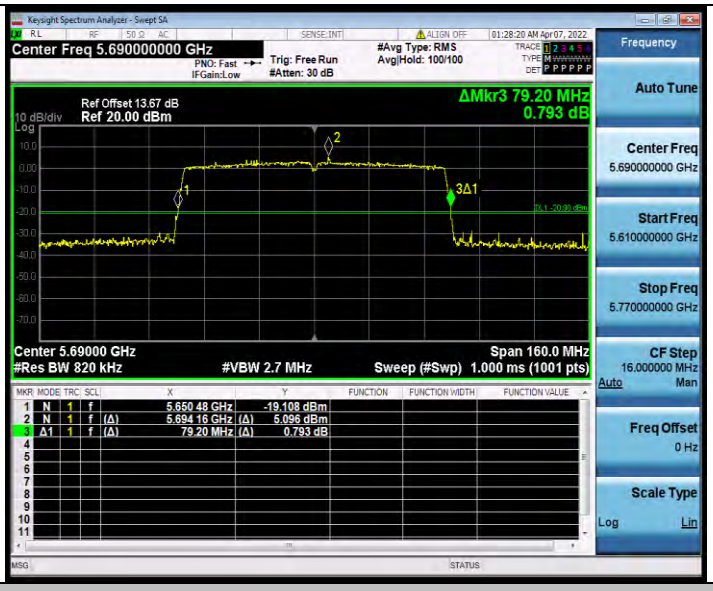

11N40MIMO_Ant0_5710



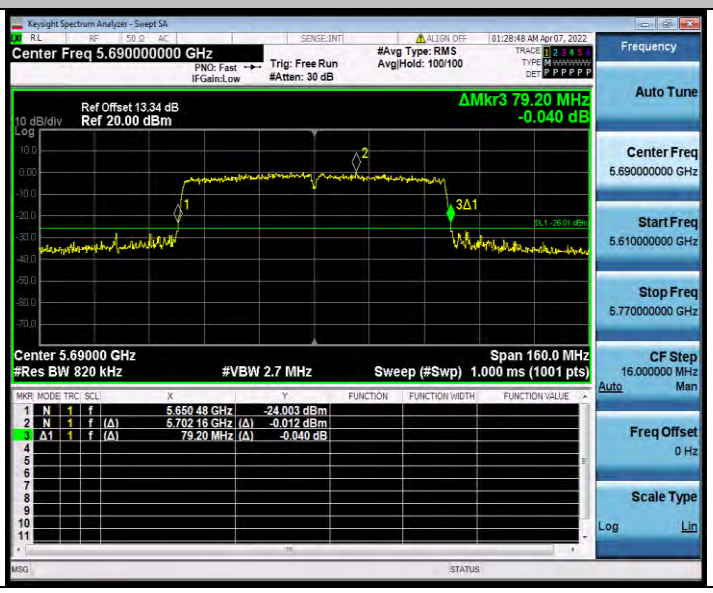

11N40MIMO_Ant1_5710




11AC80MIMO_Ant0_5690




11AC80MIMO_Ant1_5690



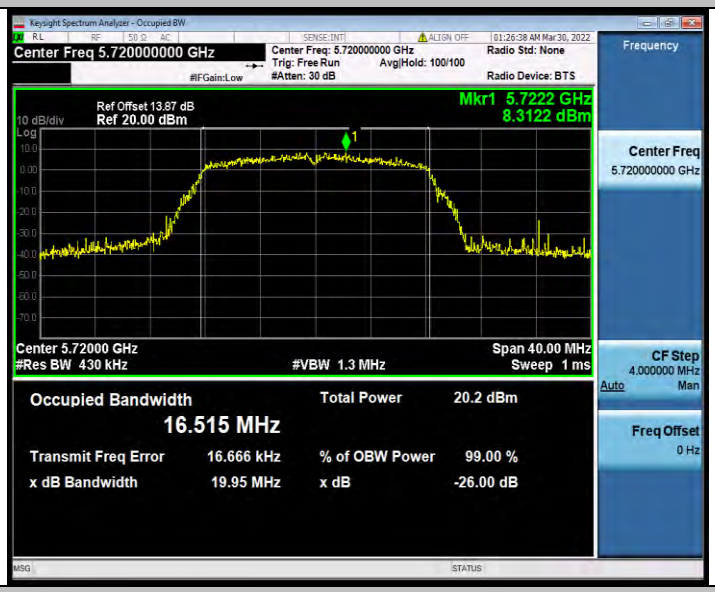
## OCCUPIED CHANNEL BANDWIDTH

## TEST RESULT

| TestMode | Antenna | Frequency[MHz] | OCB [MHz] | FL[MHz] | FH[MHz] | Limit[MHz] | Verdict |
|---|---|---|---|---|---|---|---|
| 11A-CDD | Ant0 | 5720 | 16.515 | 5711.759 | 5728.274 | --- | --- |
| | Ant1 | 5720 | 16.602 | 5711.695 | 5728.297 | --- | --- |
| | Ant0 | 5720_UNII-2C | 13.241 | 5711.759 | 5725 | --- | PASS |
| | Ant1 | 5720_UNII-2C | 13.305 | 5711.695 | 5725 | --- | PASS |
| | Ant0 | 5720_UNII-3 | 3.274 | 5725 | 5728.274 | --- | PASS |
| | Ant1 | 5720_UNII-3 | 3.297 | 5725 | 5728.297 | --- | PASS |
| 11N20MIMO | Ant0 | 5720 | 17.609 | 5711.195 | 5728.804 | --- | --- |
| | Ant1 | 5720 | 17.594 | 5711.225 | 5728.819 | --- | --- |
| | Ant0 | 5720_UNII-2C | 13.805 | 5711.195 | 5725 | --- | PASS |
| | Ant1 | 5720_UNII-2C | 13.775 | 5711.225 | 5725 | --- | PASS |
| | Ant0 | 5720_UNII-3 | 3.804 | 5725 | 5728.804 | --- | PASS |
| | Ant1 | 5720_UNII-3 | 3.819 | 5725 | 5728.819 | --- | PASS |
| 11N40MIMO | Ant0 | 5710 | 35.963 | 5692.049 | 5728.012 | --- | --- |
| | Ant1 | 5710 | 35.976 | 5692.218 | 5728.194 | --- | --- |
| | Ant0 | 5710_UNII-2C | 32.951 | 5692.049 | 5725 | --- | PASS |
| | Ant1 | 5710_UNII-2C | 32.782 | 5692.218 | 5725 | --- | PASS |
| | Ant0 | 5710_UNII-3 | 3.012 | 5725 | 5728.012 | --- | PASS |
| | Ant1 | 5710_UNII-3 | 3.194 | 5725 | 5728.194 | --- | PASS |
| 11AC80MIMO | Ant0 | 5690 | 75.643 | 5652.226 | 5727.869 | --- | --- |
| | Ant1 | 5690 | 75.658 | 5652.122 | 5727.780 | --- | --- |
| | Ant0 | 5690_UNII-2C | 72.774 | 5652.226 | 5725 | --- | PASS |
| | Ant1 | 5690_UNII-2C | 72.878 | 5652.122 | 5725 | --- | PASS |
| | Ant0 | 5690_UNII-3 | 2.869 | 5725 | 5727.869 | --- | PASS |
| | Ant1 | 5690_UNII-3 | 2.78 | 5725 | 5727.780 | --- | PASS |

## TEST GRAPHS

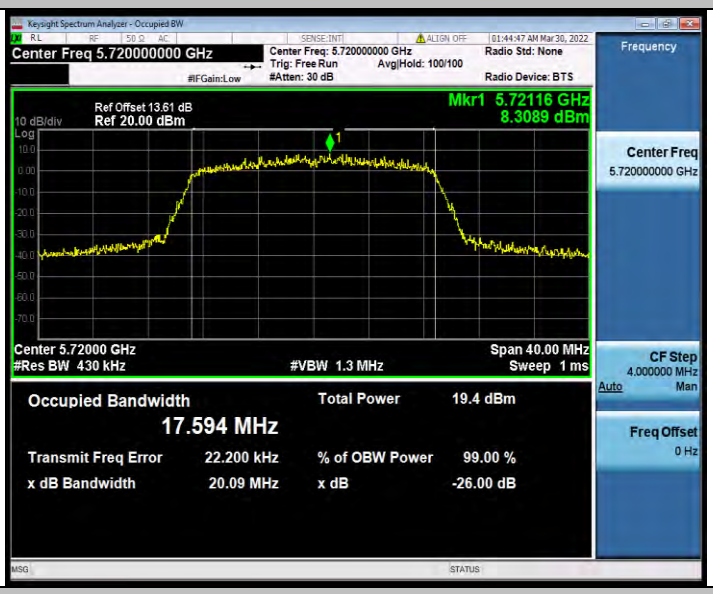
11A-CDD_Ant0_5720




11A-CDD_Ant1_5720

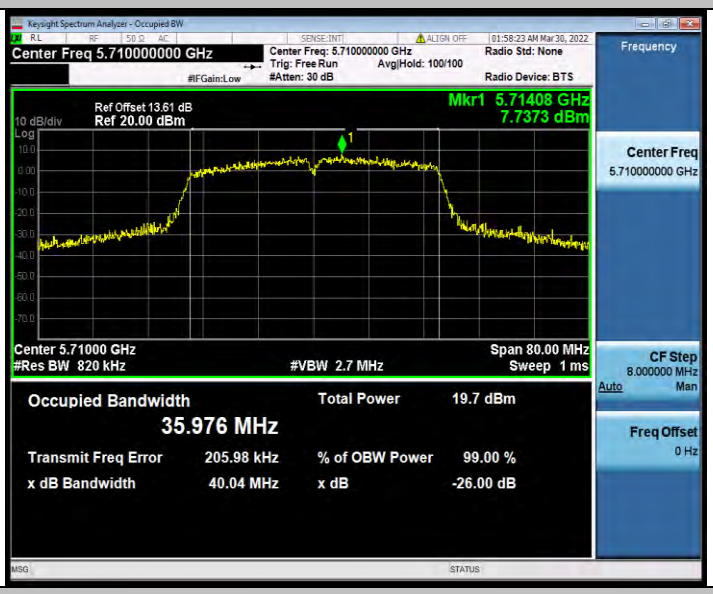
11N20MIMO_Ant0_5720

11N20MIMO_Ant1_5720




11N40MIMO_Ant0_5710

11N40MIMO_Ant1_5710




11AC80MIMO_Ant0_5690

11AC80MIMO_Ant1_5690

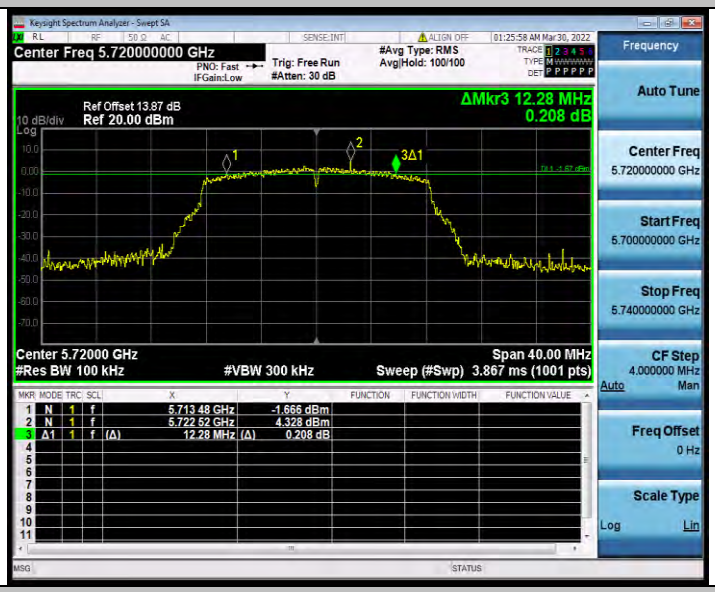
## MIN EMISSION BANDWIDTH

## TEST RESULT B4

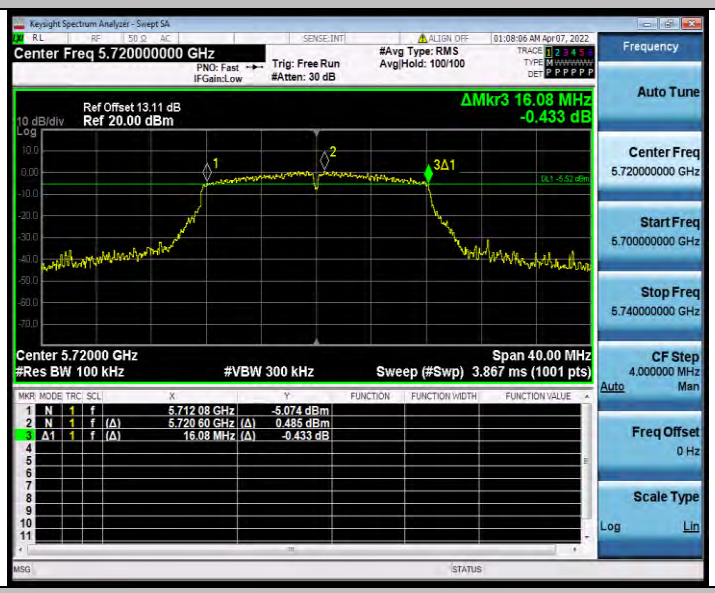
| TestMode | Antenna | Frequency[MHz] | 6db EBW [MHz] | FL[MHz] | FH[MHz] | Limit[MHz] | Verdict |
|---|---|---|---|---|---|---|---|
| 11A-CDD | Ant0 | 5720_UNII-3 | 0.76 | 5725 | 5725.760 | 0.5 | PASS |
| | Ant1 | 5720_UNII-3 | 3.16 | 5725 | 5728.160 | 0.5 | PASS |
| 11N20MIMO | Ant0 | 5720_UNII-3 | 3.48 | 5725 | 5728.480 | 0.5 | PASS |
| | Ant1 | 5720_UNII-3 | 3.76 | 5725 | 5728.760 | 0.5 | PASS |
| 11N40MIMO | Ant0 | 5710_UNII-3 | 2.92 | 5725 | 5727.920 | 0.5 | PASS |
| | Ant1 | 5710_UNII-3 | 3.16 | 5725 | 5728.160 | 0.5 | PASS |
| 11AC80MIMO | Ant0 | 5690_UNII-3 | 3.24 | 5725 | 5728.240 | 0.5 | PASS |
| | Ant1 | 5690_UNII-3 | 3.08 | 5725 | 5728.080 | 0.5 | PASS |

## TEST GRAPHS B4

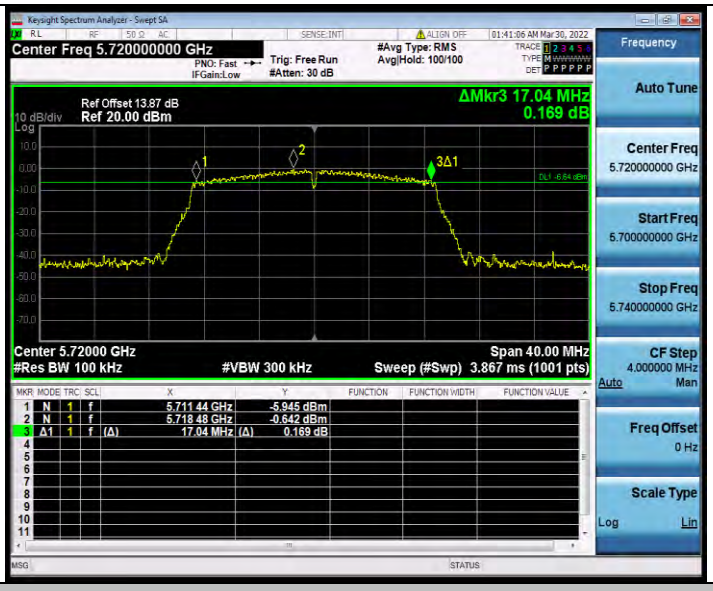
11A-CDD_Ant0_5720_UNII-3



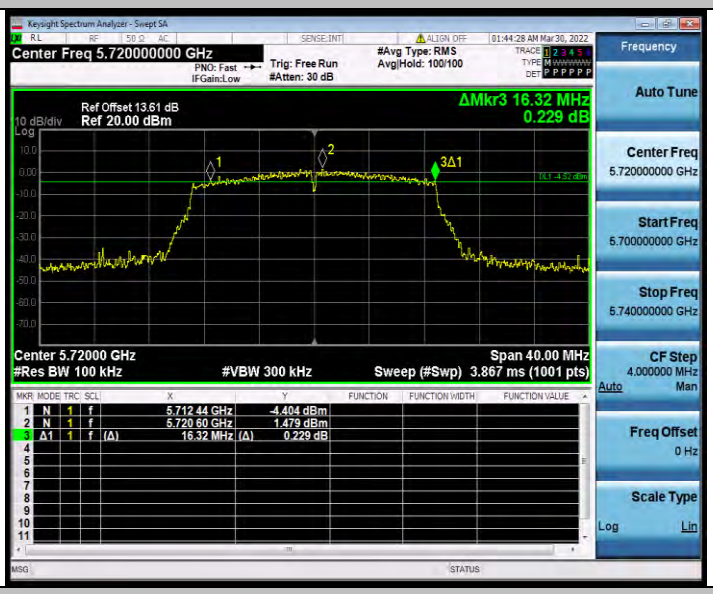

11A-CDD_Ant1_5720_UNII-3



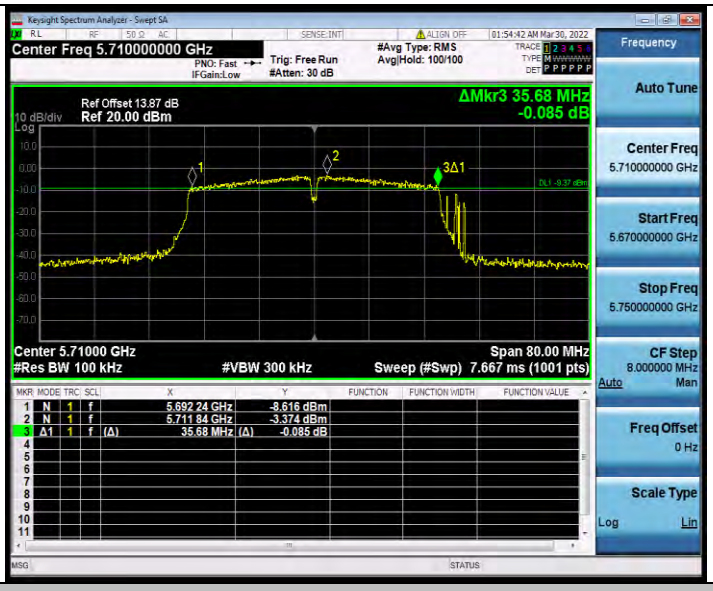

11N20MIMO_Ant0_5720_UNII-3



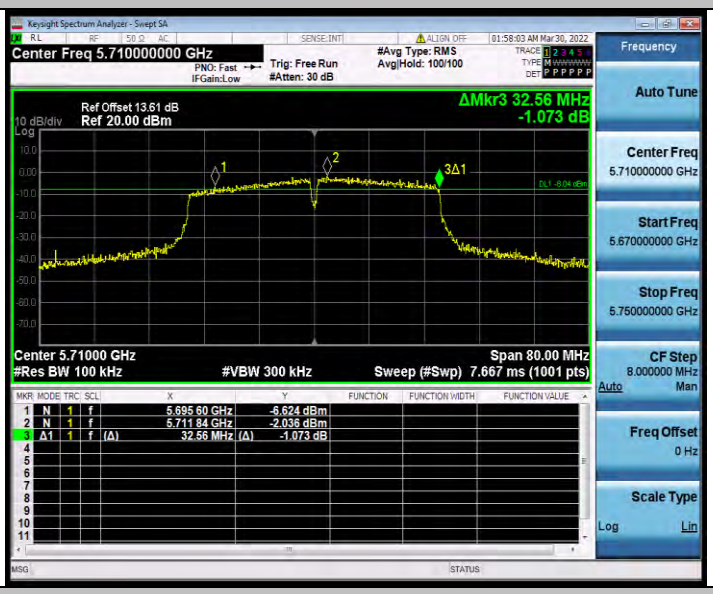

11N20MIMO_Ant1_5720_UNII-3



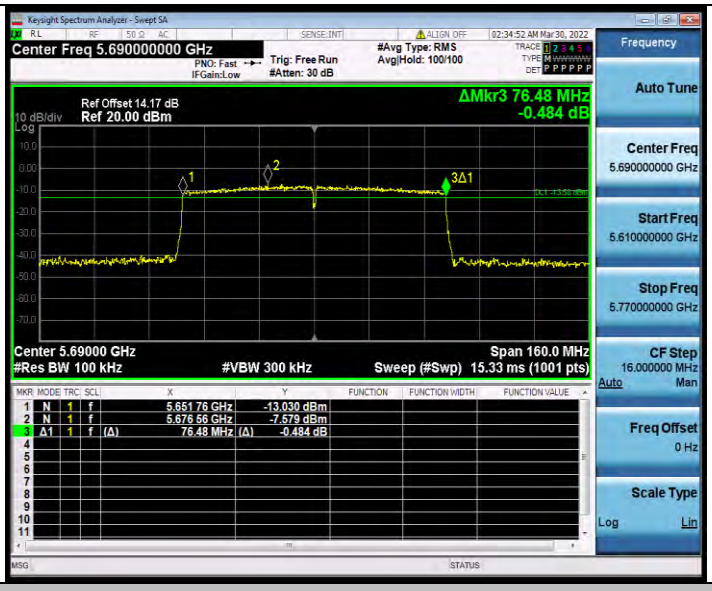

11N40MIMO_Ant0_5710_UNII-3



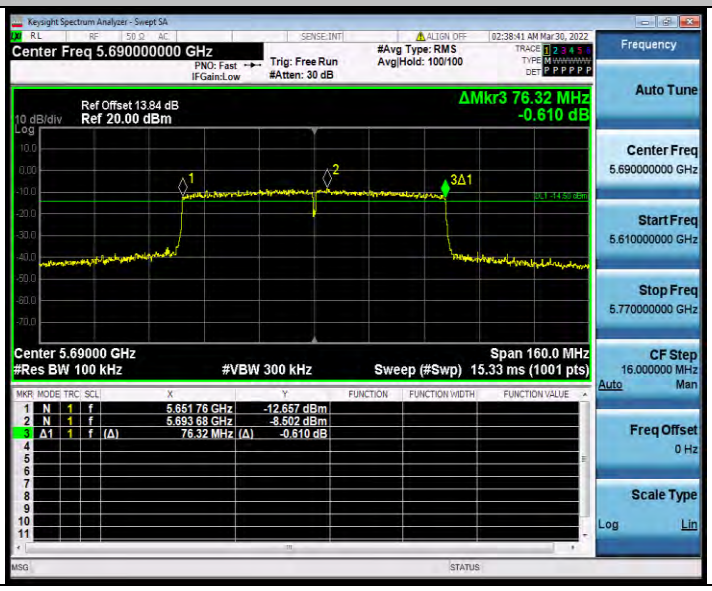

11N40MIMO_Ant1_5710_UNII-3




11AC80MIMO_Ant0_5690_UNII-3




11AC80MIMO_Ant1_5690_UNII-3



## MAXIMUM POWER SPECTRAL DENSITY

## TEST RESULT

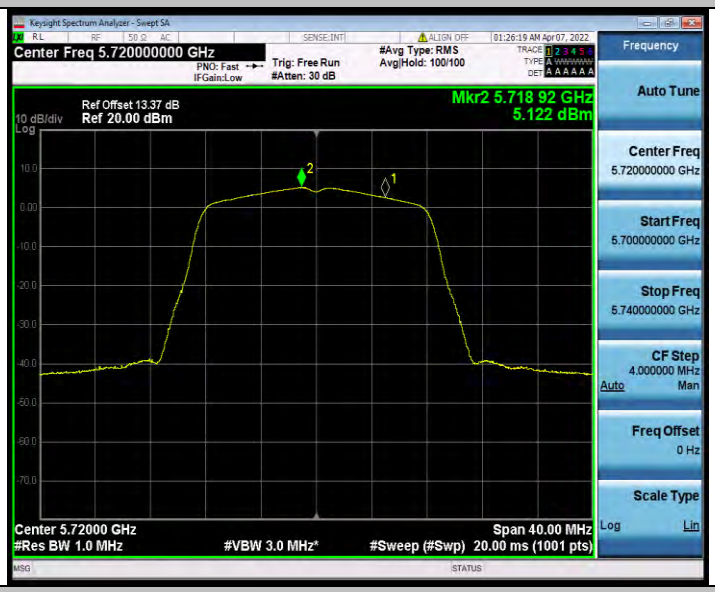
| TestMode | Antenna | Frequency[MHz] | Result [dBm/MHz] | Limit[dBm/MHz] | Verdict |
|---|---|---|---|---|---|
| 11A-CDD | Ant0 | 5720_UNII-2C | 5.12 | ≤11.00 | PASS |
| | Ant1 | 5720_UNII-2C | 4.16 | ≤11.00 | PASS |
| | total | 5720_UNII-2C | 7.68 | ≤11.00 | PASS |
| | Ant0 | 5720_UNII-3 | -0.49 | ≤11.00 | PASS |
| | Ant1 | 5720_UNII-3 | -1.15 | ≤11.00 | PASS |
| | total | 5720_UNII-3 | 2.20 | ≤7.97 | PASS |
| 11N20MIMO | Ant0 | 5720_UNII-2C | 2.52 | ≤11.00 | PASS |
| | Ant1 | 5720_UNII-2C | 3.57 | ≤11.00 | PASS |
| | total | 5720_UNII-2C | 6.09 | ≤11.00 | PASS |
| | Ant0 | 5720_UNII-3 | -2.78 | ≤11.00 | PASS |
| | Ant1 | 5720_UNII-3 | -1.36 | ≤11.00 | PASS |
| | total | 5720_UNII-3 | 1.00 | ≤11.00 | PASS |
| 11N40MIMO | Ant0 | 5710_UNII-2C | -0.45 | ≤11.00 | PASS |
| | Ant1 | 5710_UNII-2C | 0.08 | ≤11.00 | PASS |
| | total | 5710_UNII-2C | 2.83 | ≤11.00 | PASS |
| | Ant0 | 5710_UNII-3 | -7.24 | ≤11.00 | PASS |
| | Ant1 | 5710_UNII-3 | -5.78 | ≤11.00 | PASS |
| | total | 5710_UNII-3 | -3.44 | ≤11.00 | PASS |
| 11AC80MIMO | Ant0 | 5690_UNII-2C | -5.4 | ≤11.00 | PASS |
| | Ant1 | 5690_UNII-2C | -7.05 | ≤11.00 | PASS |
| | total | 5690_UNII-2C | -3.14 | ≤11.00 | PASS |
| | Ant0 | 5690_UNII-3 | -10.59 | ≤11.00 | PASS |
| | Ant1 | 5690_UNII-3 | -12.06 | ≤11.00 | PASS |
| | total | 5690_UNII-3 | -8.25 | ≤11.00 | PASS |

Note：1.The Result and Limit Unit is dBm/500 kHz in the band 5.725–5.85 GHz.

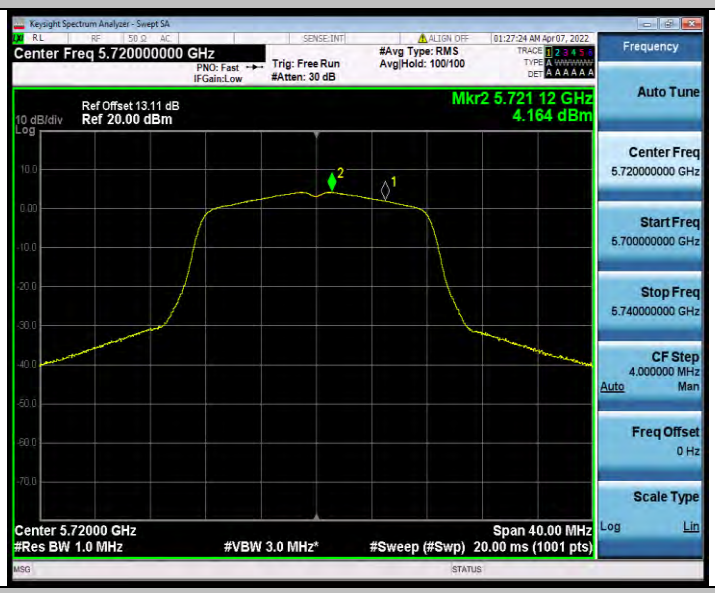
2.The Duty Cycle Factor and RBW Factor is compensated in the graph.

## TEST GRAPHS

11A-CDD_Ant0_5720_UNII-2C

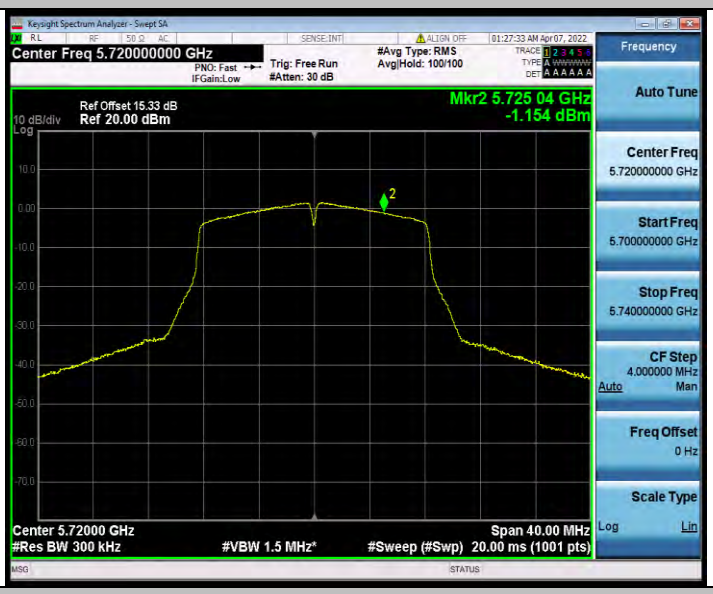



11A-CDD_Ant1_5720_UNII-2C



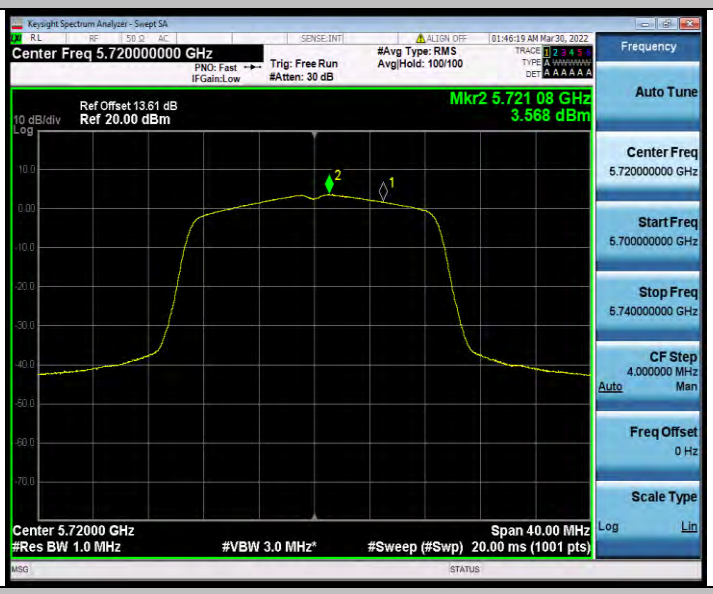

11A-CDD_Ant0_5720_UNII-3

11A-CDD_Ant1_5720_UNII-3



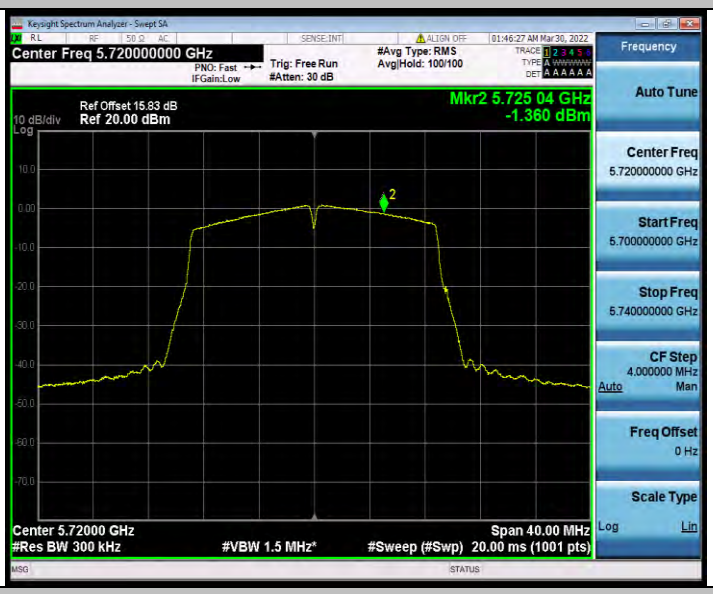

11N20MIMO_Ant0_5720_UNII-2C

11N20MIMO_Ant1_5720_UNII-2C



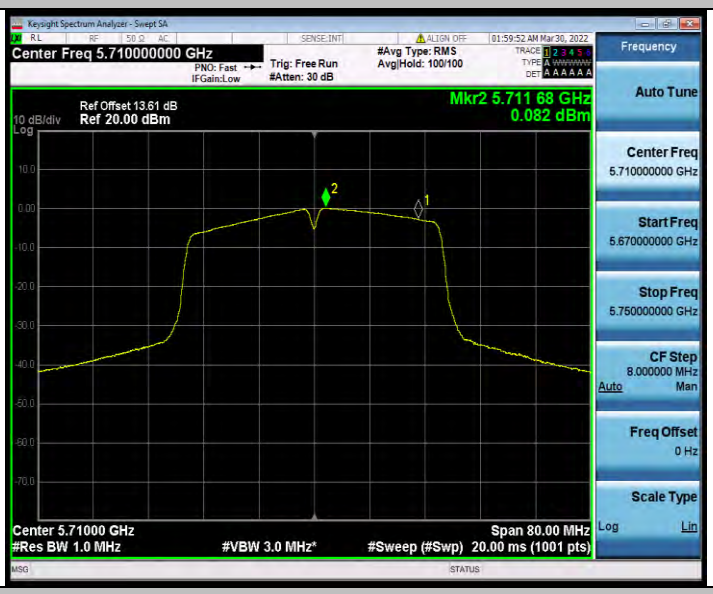

11N20MIMO_Ant0_5720_UNII-3

11N20MIMO_Ant1_5720_UNII-3



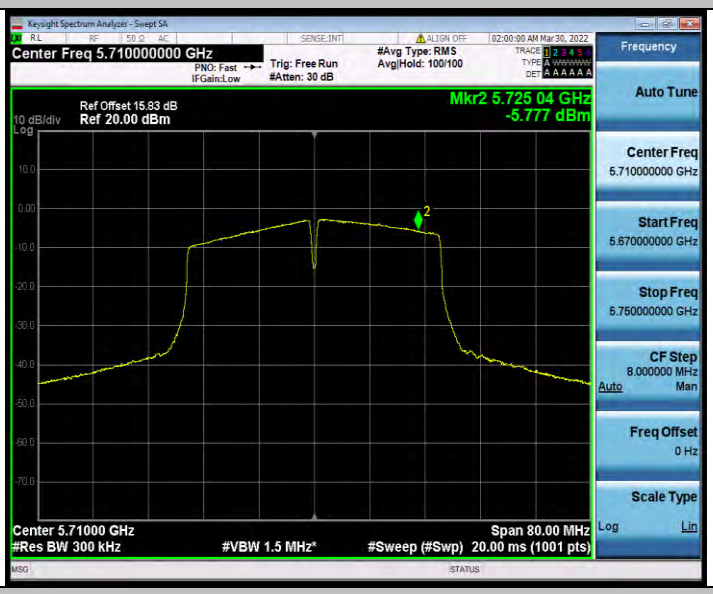

11N40MIMO_Ant0_5710_UNII-2C

11N40MIMO_Ant1_5710_UNII-2C



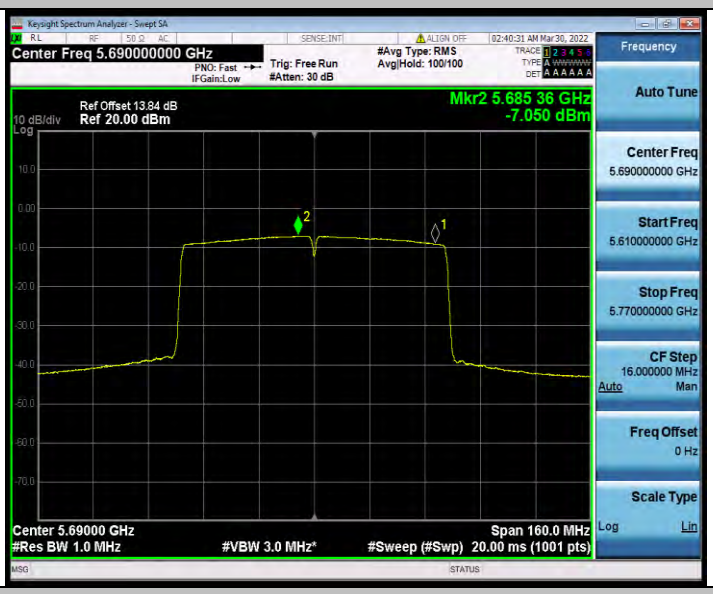

11N40MIMO_Ant0_5710_UNII-3

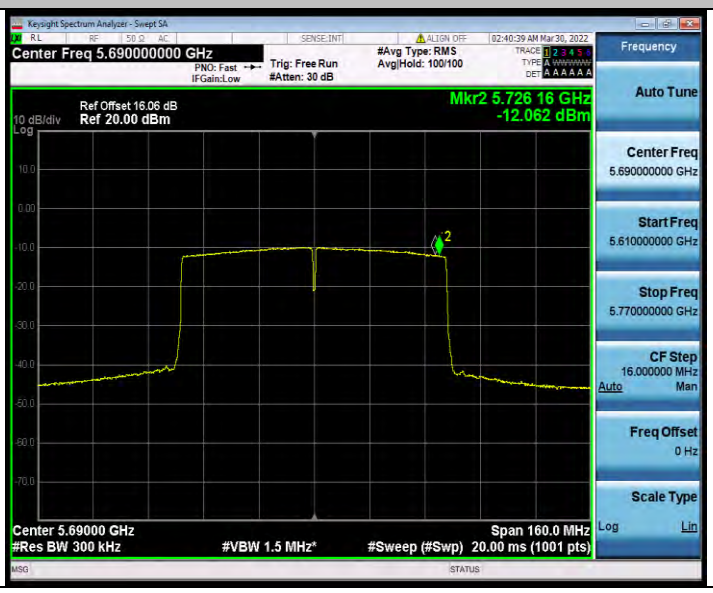
11N40MIMO_Ant1_5710_UNII-3




11AC80MIMO_Ant0_5690_UNII-2C

11AC80MIMO_Ant1_5690_UNII-2C




11AC80MIMO_Ant0_5690_UNII-3

11AC80MIMO_Ant1_5690_UNII-3