

## Appendix C: Maximum power spectral density

### Test Result

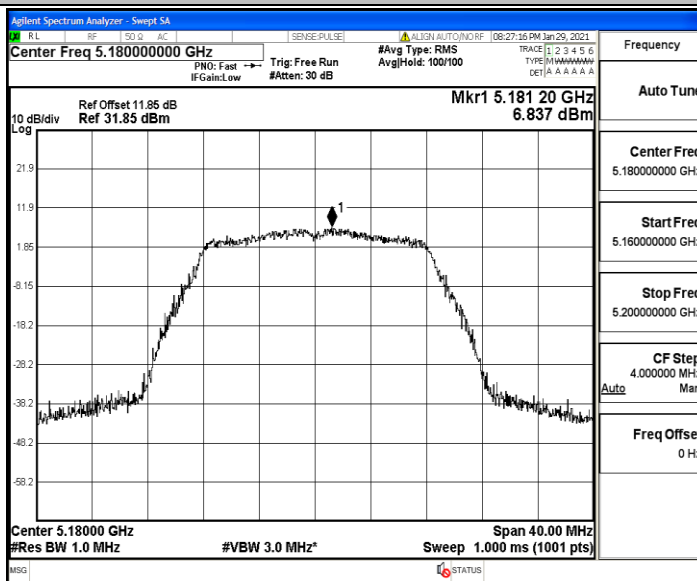
| TestMode   | Antenna | Channel | Result [dBm/MHz] | Limit[dBm/MHz] | Verdict |
|------------|---------|---------|------------------|----------------|---------|
| 11A        | Ant1    | 5180    | 6.84             | <=11           | PASS    |
|            | Ant2    | 5180    | 5.43             | <=11           | PASS    |
|            | Ant1    | 5200    | 5.89             | <=11           | PASS    |
|            | Ant2    | 5200    | 4.13             | <=11           | PASS    |
|            | Ant1    | 5240    | 6.44             | <=11           | PASS    |
|            | Ant2    | 5240    | 5.28             | <=11           | PASS    |
| 11N20MIMO  | Ant1    | 5180    | 4.62             | <=11           | PASS    |
|            | Ant2    | 5180    | 3.09             | <=11           | PASS    |
|            | total   | 5180    | 6.93             | <=9.76         | PASS    |
|            | Ant1    | 5200    | 3.63             | <=11           | PASS    |
|            | Ant2    | 5200    | 2.57             | <=11           | PASS    |
|            | total   | 5200    | 6.14             | <=9.76         | PASS    |
|            | Ant1    | 5240    | 3.64             | <=11           | PASS    |
|            | Ant2    | 5240    | 3.03             | <=11           | PASS    |
|            | total   | 5240    | 6.36             | <=9.76         | PASS    |
| 11N40MIMO  | Ant1    | 5190    | 2.71             | <=11           | PASS    |
|            | Ant2    | 5190    | 0.64             | <=11           | PASS    |
|            | total   | 5190    | 4.81             | <=9.76         | PASS    |
|            | Ant1    | 5230    | 2.3              | <=11           | PASS    |
|            | Ant2    | 5230    | 2.74             | <=11           | PASS    |
|            | total   | 5230    | 5.54             | <=9.76         | PASS    |
| 11AC20MIMO | Ant1    | 5180    | 3.97             | <=11           | PASS    |
|            | Ant2    | 5180    | 2.44             | <=11           | PASS    |
|            | total   | 5180    | 6.28             | <=9.76         | PASS    |
|            | Ant1    | 5200    | 3.13             | <=11           | PASS    |
|            | Ant2    | 5200    | 2.55             | <=11           | PASS    |
|            | total   | 5200    | 5.86             | <=9.76         | PASS    |
|            | Ant1    | 5240    | 5.13             | <=11           | PASS    |
|            | Ant2    | 5240    | 3.33             | <=11           | PASS    |
| total      | 5240    | 7.33    | <=9.76           | PASS           |         |
| 11AC40MIMO | Ant1    | 5190    | 3.28             | <=11           | PASS    |
|            | Ant2    | 5190    | 2.09             | <=11           | PASS    |
|            | total   | 5190    | 5.74             | <=9.76         | PASS    |
|            | Ant1    | 5230    | 4.24             | <=11           | PASS    |
|            | Ant2    | 5230    | 2.52             | <=11           | PASS    |
|            | total   | 5230    | 6.47             | <=9.76         | PASS    |
| 11AC80MIMO | Ant1    | 5210    | -2.33            | <=11           | PASS    |
|            | Ant2    | 5210    | -1.85            | <=11           | PASS    |
|            | total   | 5210    | 0.93             | <=9.76         | PASS    |
| 11AX20MIMO | Ant1    | 5180    | 3.12             | <=11           | PASS    |

|            |       |      |       |        |      |
|------------|-------|------|-------|--------|------|
|            | Ant2  | 5180 | 1.5   | <=11   | PASS |
|            | total | 5180 | 5.40  | <=9.76 | PASS |
|            | Ant1  | 5200 | 1.98  | <=11   | PASS |
|            | Ant2  | 5200 | 0.39  | <=11   | PASS |
|            | total | 5200 | 4.27  | <=9.76 | PASS |
|            | Ant1  | 5240 | 2.56  | <=11   | PASS |
|            | Ant2  | 5240 | 2.35  | <=11   | PASS |
|            | total | 5240 | 5.47  | <=9.76 | PASS |
| 11AX40MIMO | Ant1  | 5190 | 0.86  | <=11   | PASS |
|            | Ant2  | 5190 | -0.58 | <=11   | PASS |
|            | total | 5190 | 3.21  | <=9.76 | PASS |
|            | Ant1  | 5230 | 1.92  | <=11   | PASS |
|            | Ant2  | 5230 | 0.93  | <=11   | PASS |
|            | total | 5230 | 4.46  | <=9.76 | PASS |
| 11AX80MIMO | Ant1  | 5210 | -2.27 | <=11   | PASS |
|            | Ant2  | 5210 | -4.25 | <=11   | PASS |
|            | total | 5210 | -0.14 | <=9.76 | PASS |

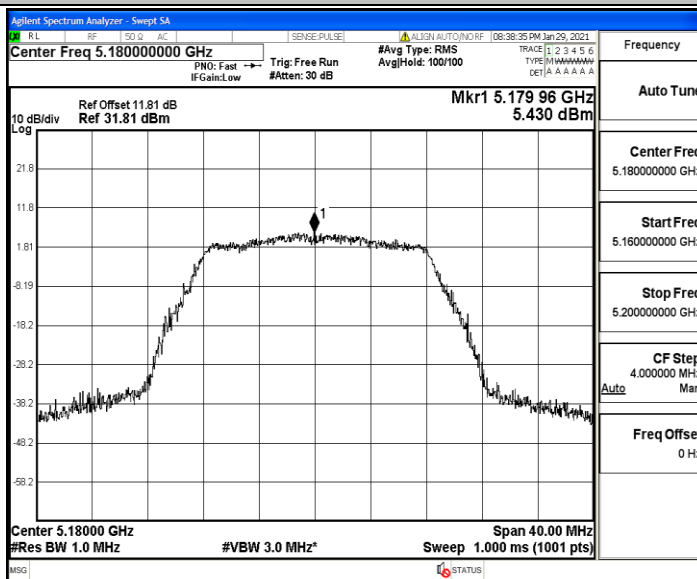
Note: 1.The Result and Limit Unit is dBm/500 kHz in the band 5.725–5.85 GHz.  
2.The Duty Cycle Factor and RBW Factor is compensated in the graph.

### Test Graphs

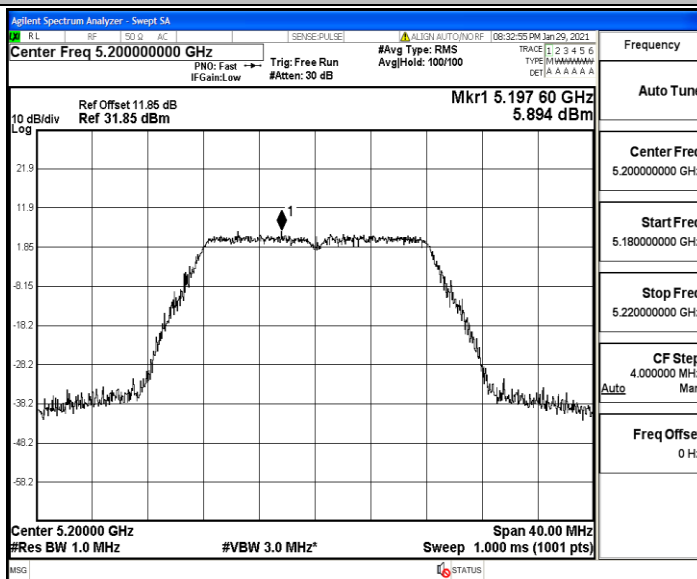
11A\_Ant1\_5180



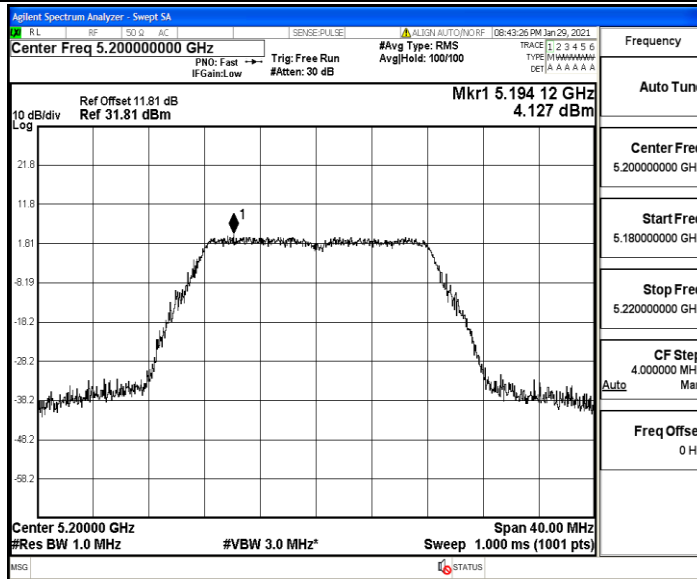
11A\_Ant2\_5180



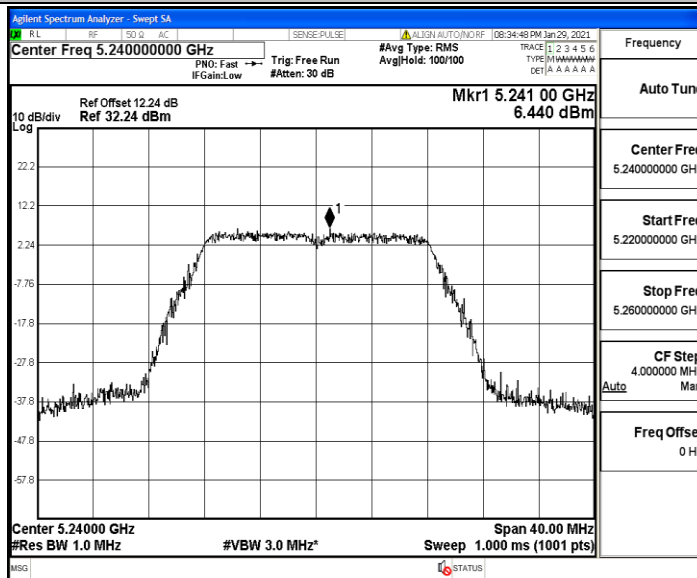
11A\_Ant1\_5200



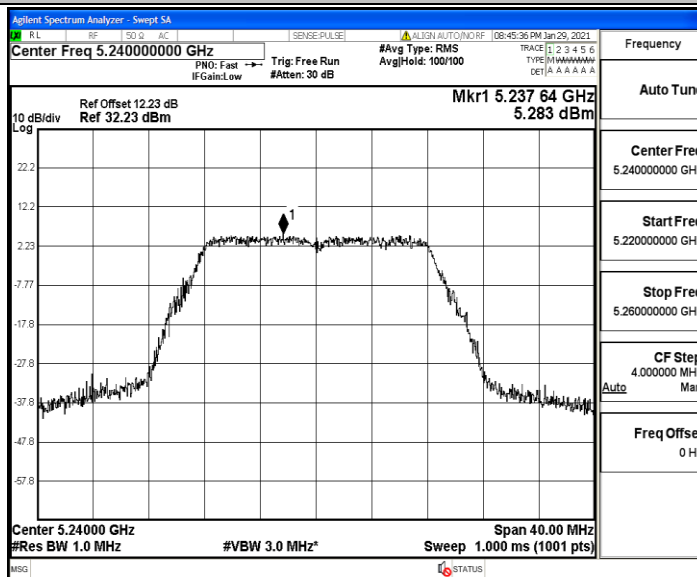
11A\_Ant2\_5200



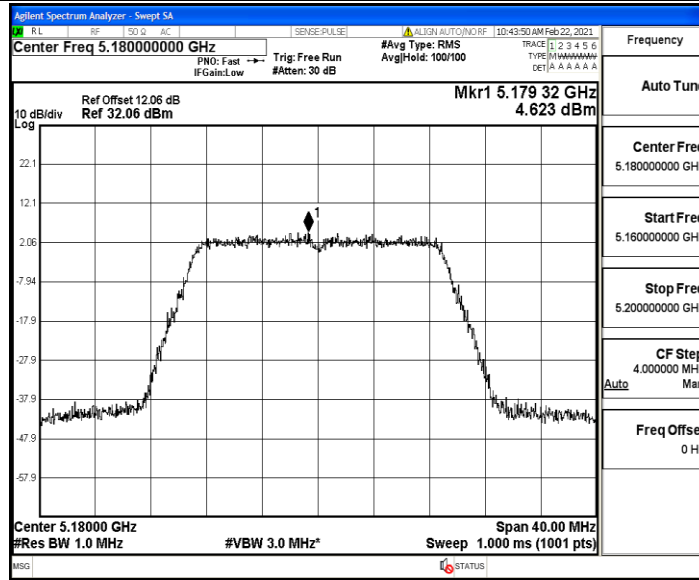
11A\_Ant1\_5240



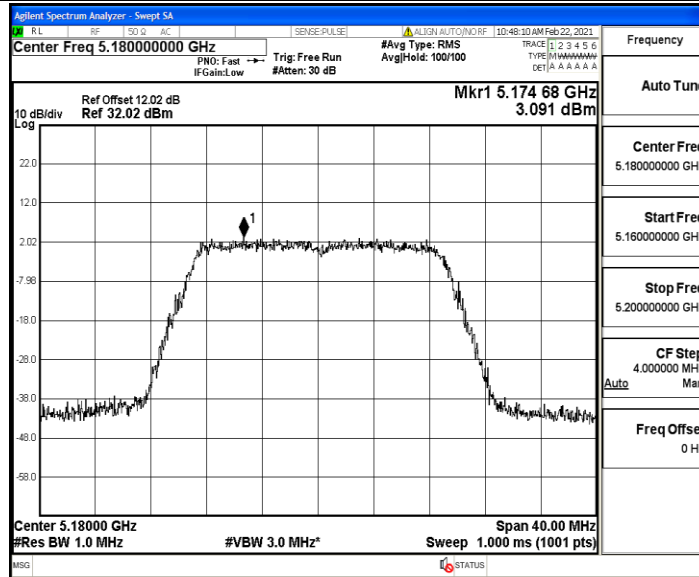
11A\_Ant2\_5240



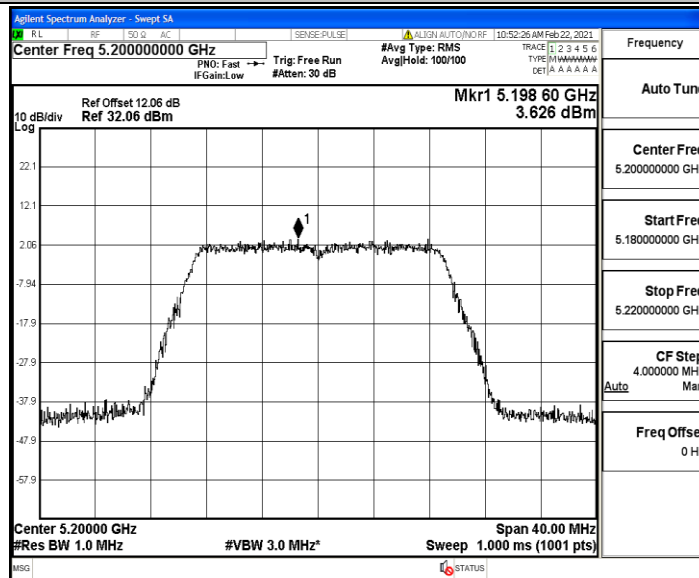
11N20MIMO\_Ant1\_5180



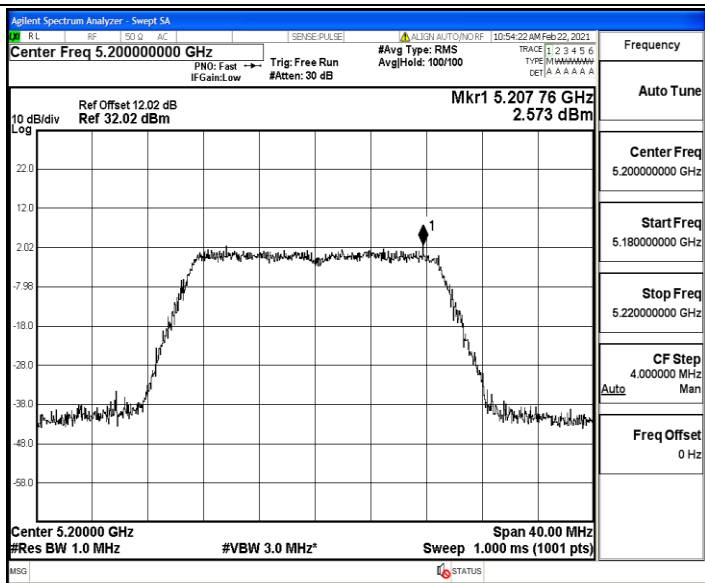
11N20MIMO\_Ant2\_5180



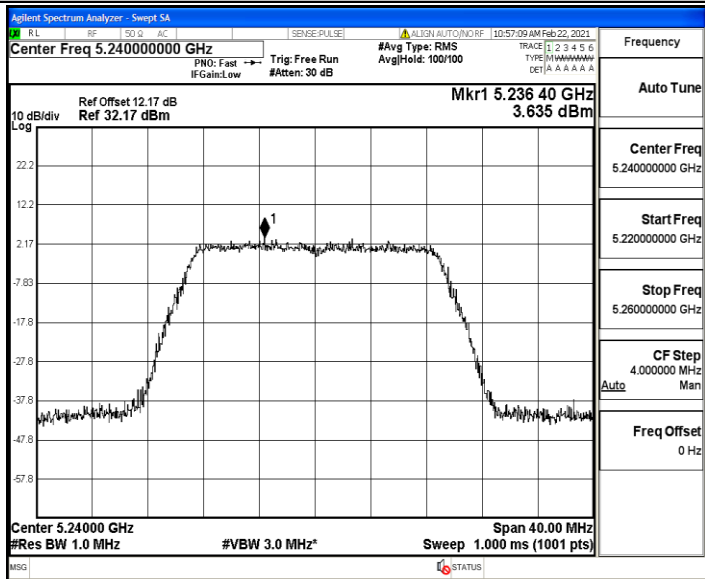
11N20MIMO\_Ant1\_5200



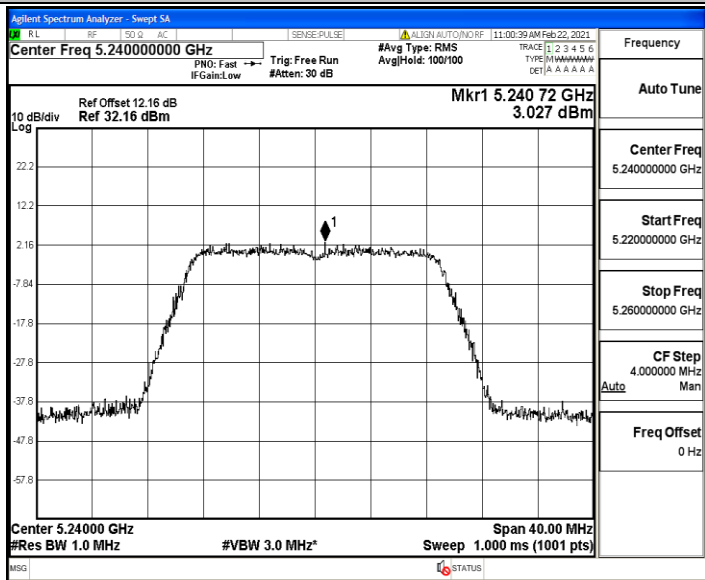
11N20MIMO\_Ant2\_5200



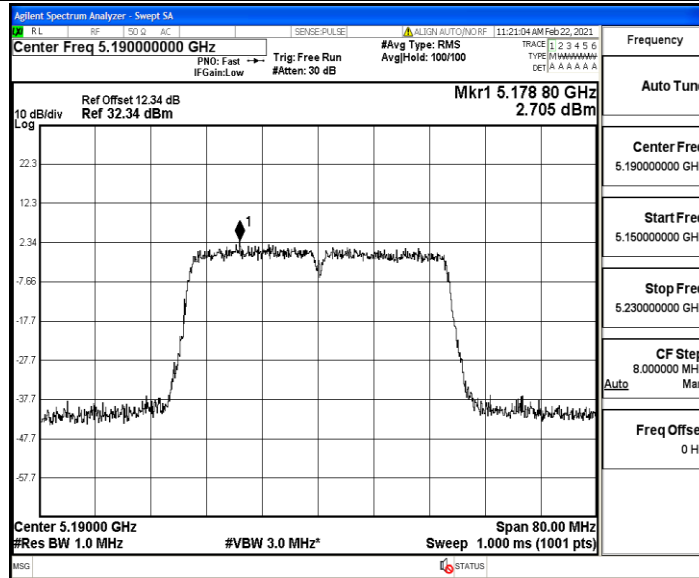
11N20MIMO\_Ant1\_5240



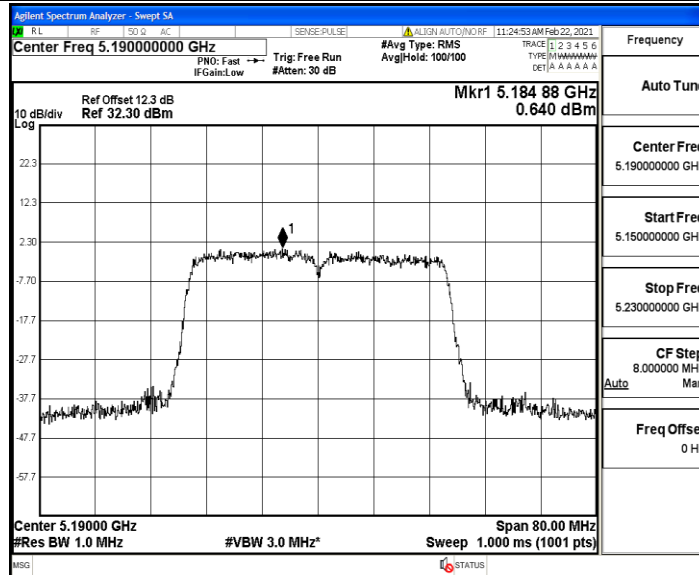
11N20MIMO\_Ant2\_5240



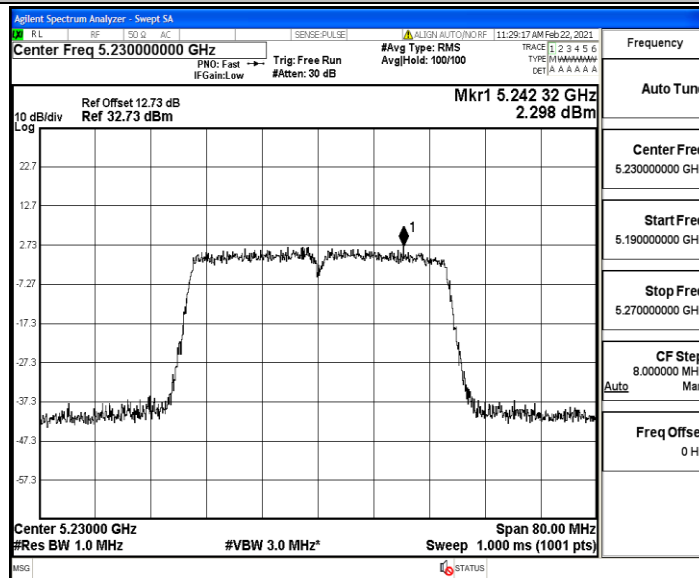
11N40MIMO\_Ant1\_5190



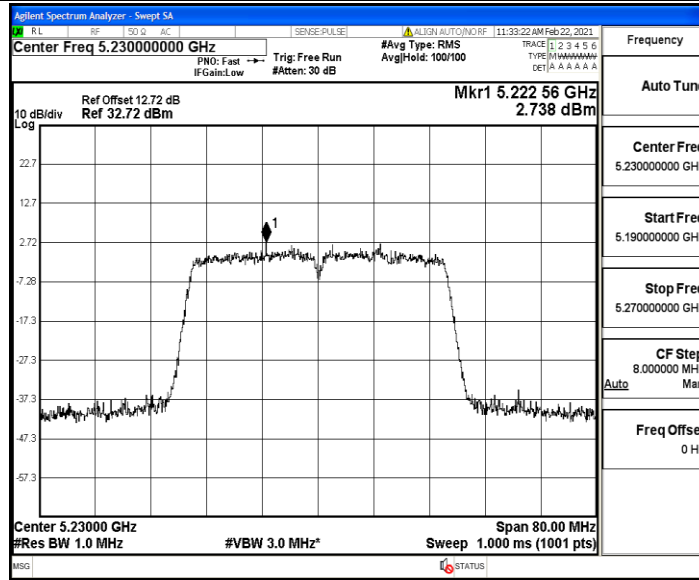
11N40MIMO\_Ant2\_5190



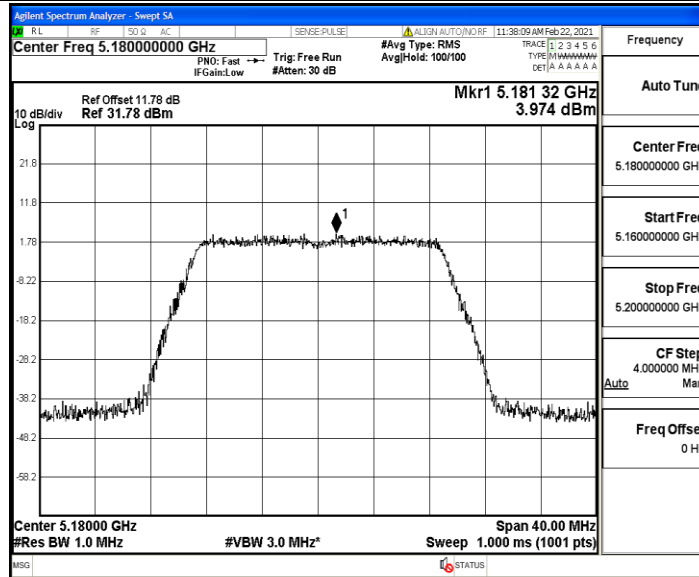
11N40MIMO\_Ant1\_5230



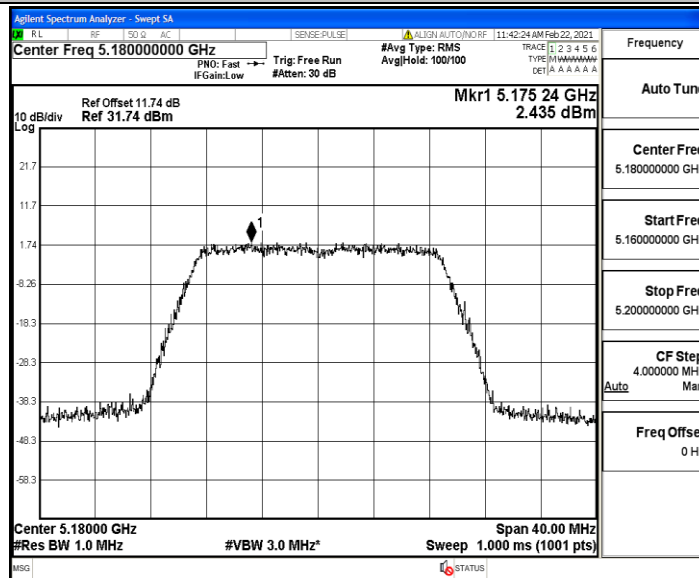
11N40MIMO\_Ant2\_5230



11AC20MIMO\_Ant1\_5180

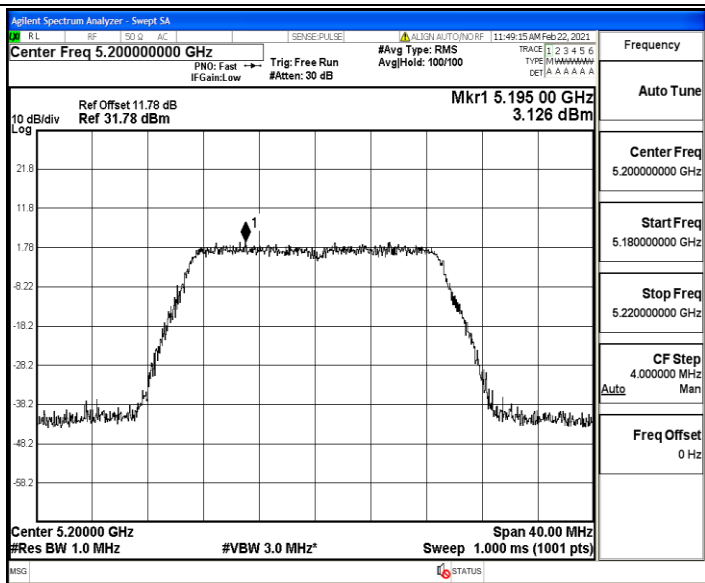


11AC20MIMO\_Ant2\_5180

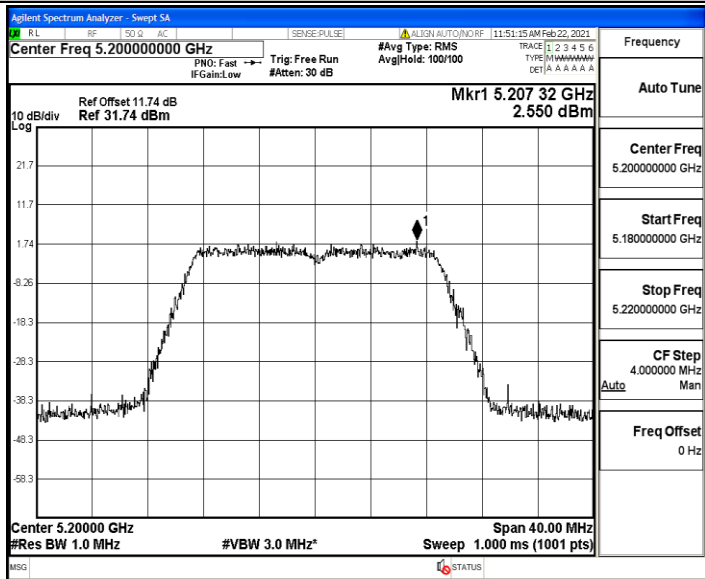


11AC20MIMO\_Ant1\_5200

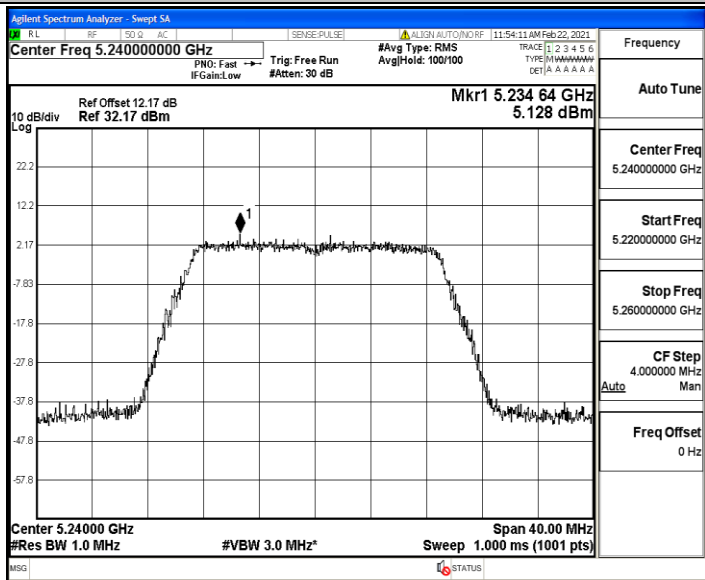




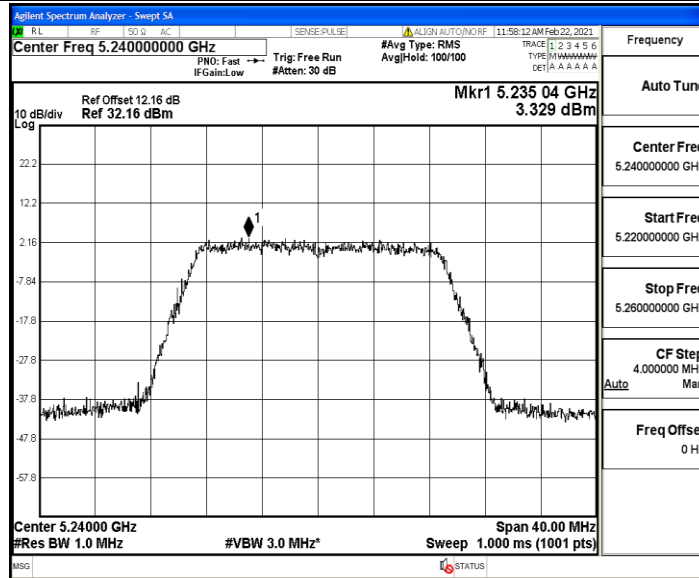
11AC20MIMO\_Ant2\_5200



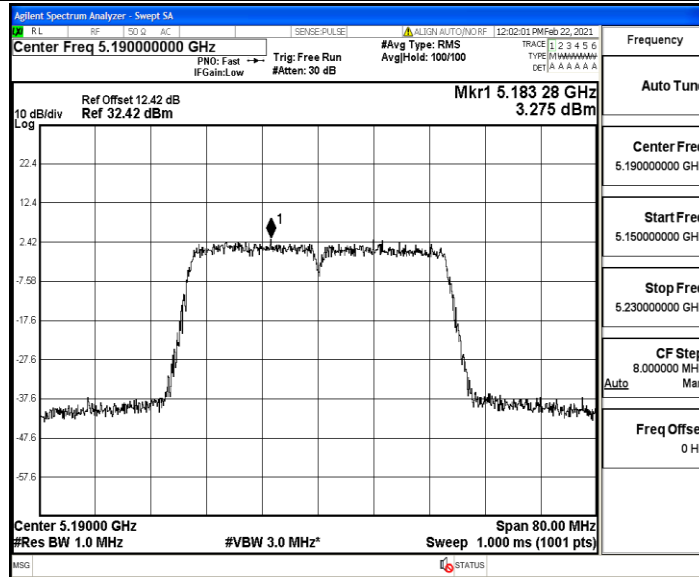
11AC20MIMO\_Ant1\_5240



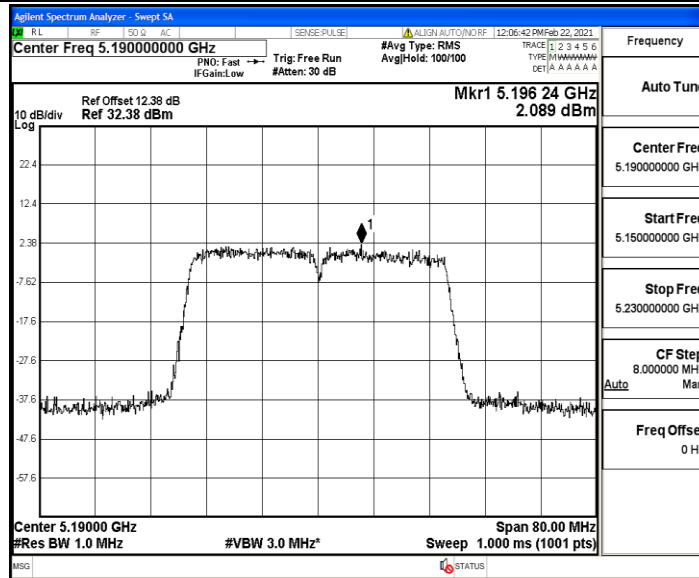
11AC20MIMO\_Ant2\_5240



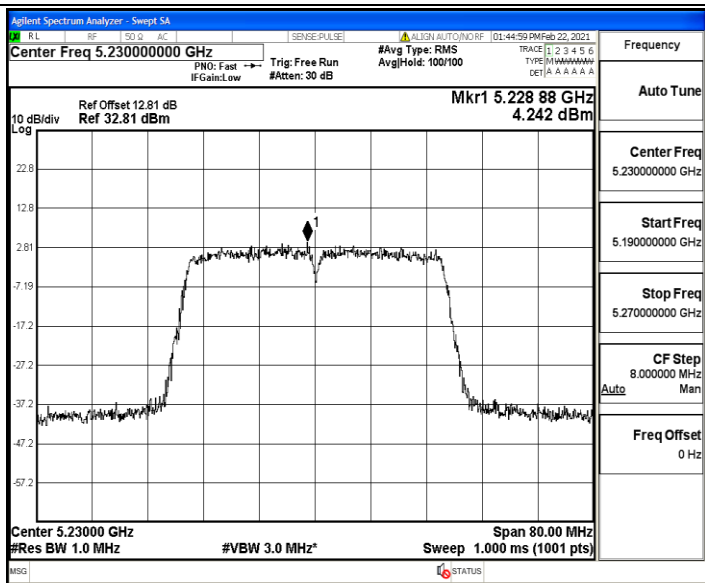
11AC40MIMO\_Ant1\_5190



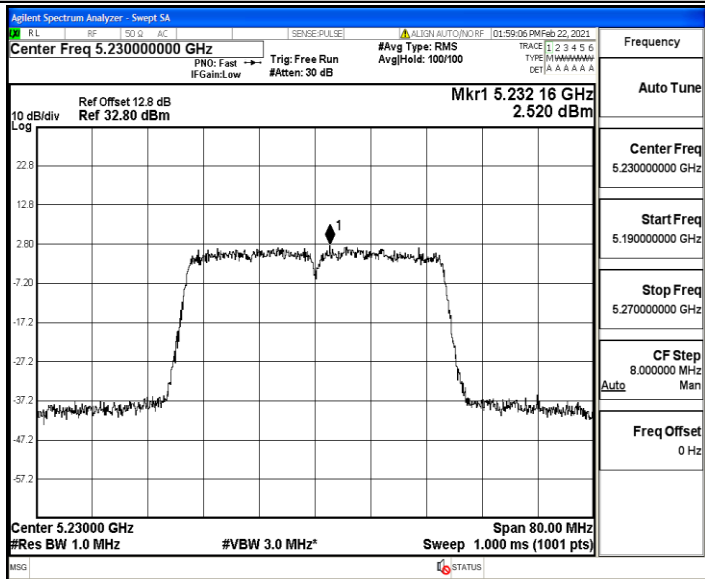
11AC40MIMO\_Ant2\_5190



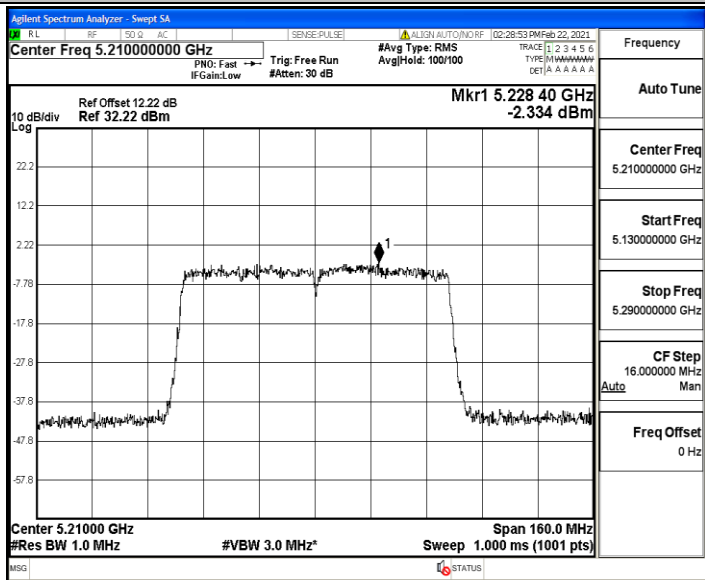
11AC40MIMO\_Ant1\_5230



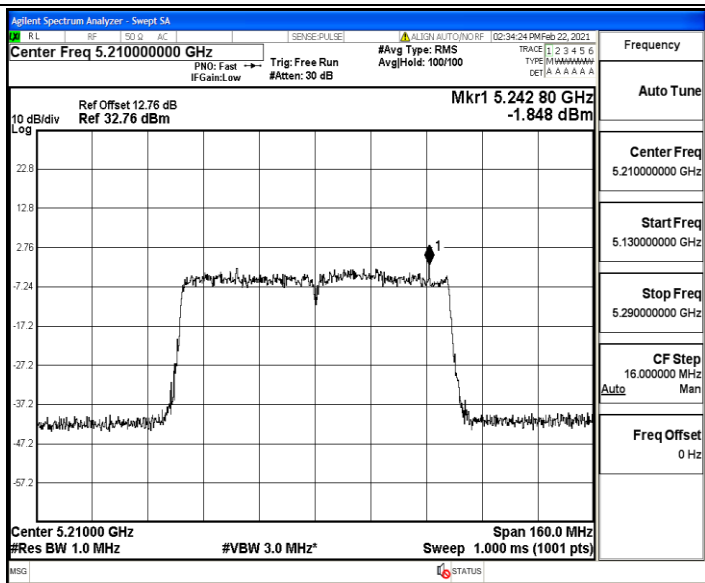
11AC40MIMO\_Ant2\_5230



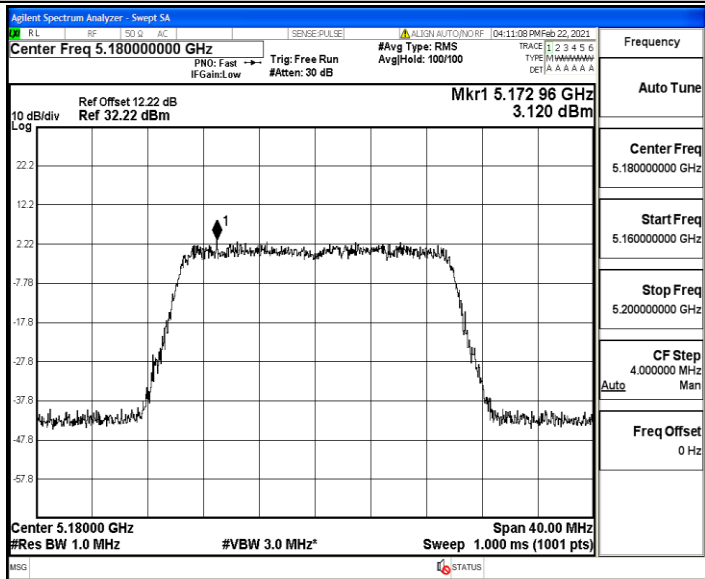
11AC80MIMO\_Ant1\_5210



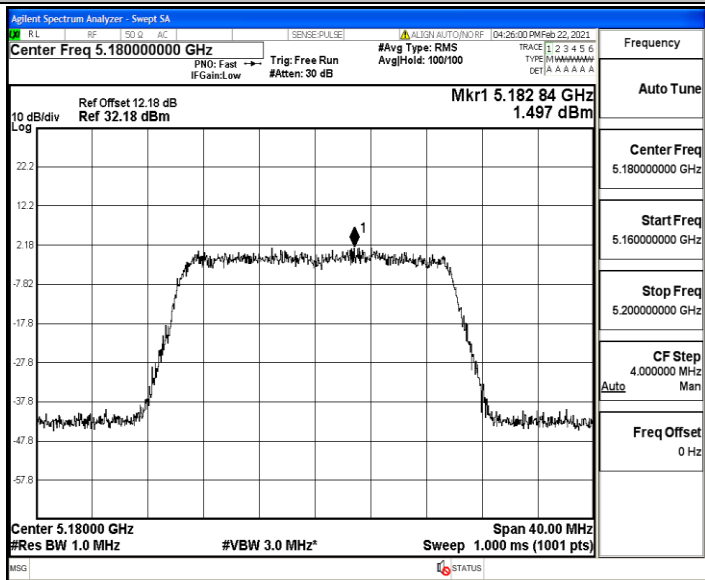
11AC80MIMO\_Ant2\_5210



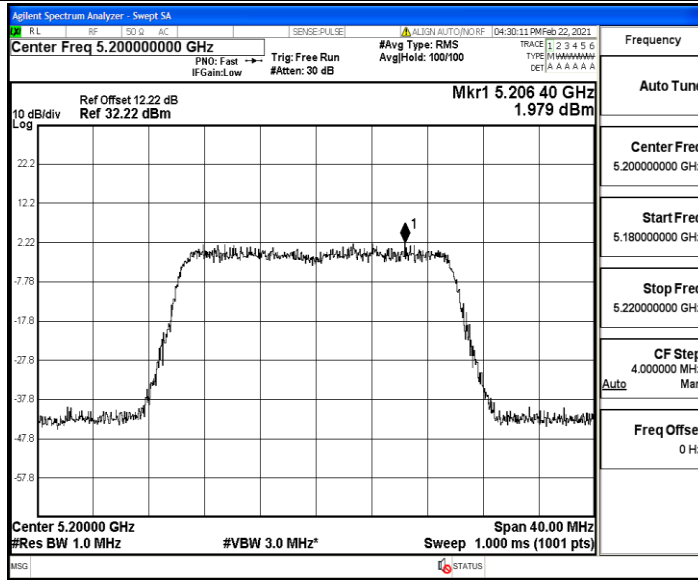
11AX20MIMO\_Ant1\_5180



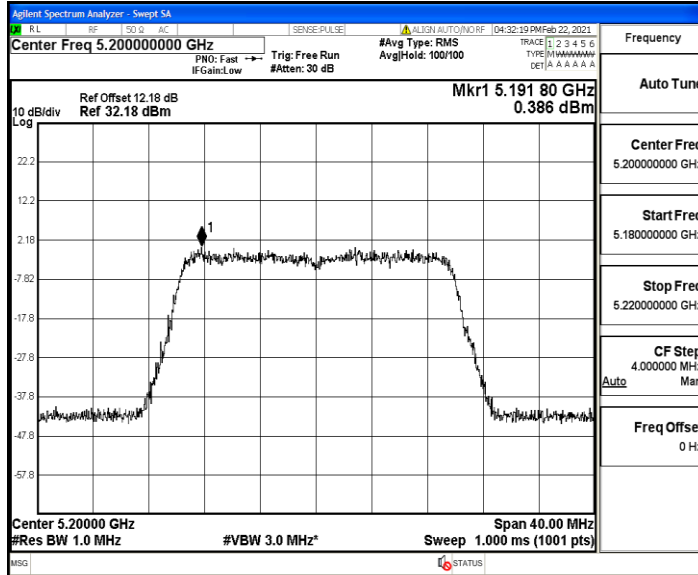
11AX20MIMO\_Ant2\_5180



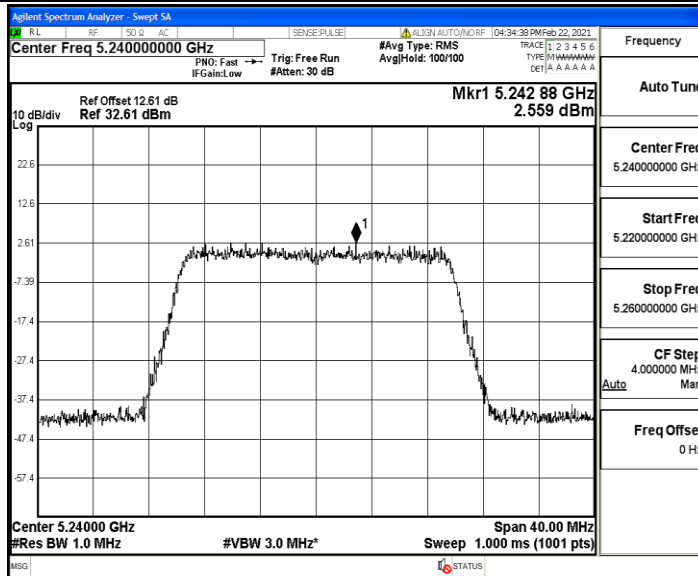
11AX20MIMO\_Ant1\_5200



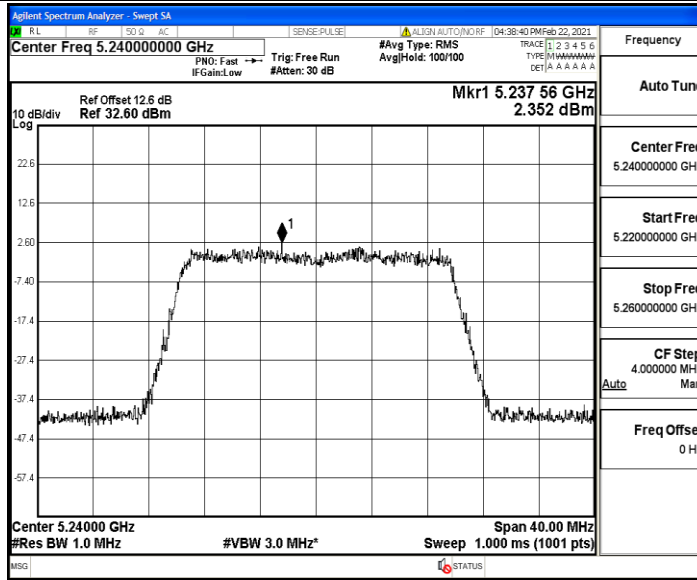
11AX20MIMO\_Ant2\_5200



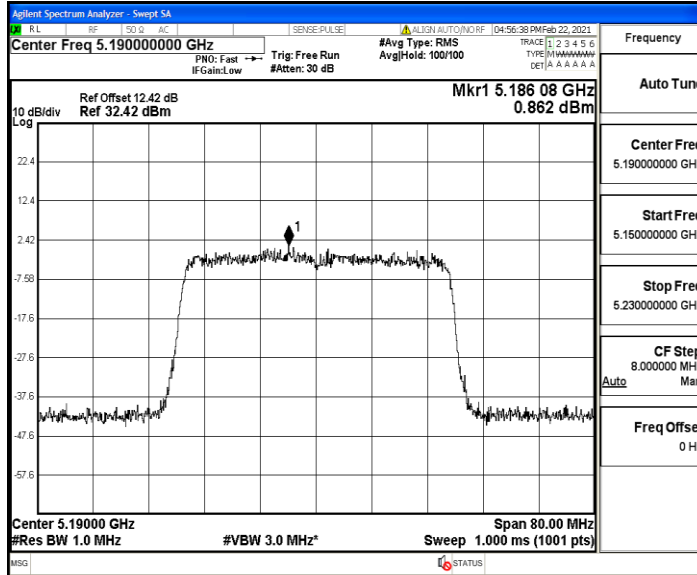
11AX20MIMO\_Ant1\_5240



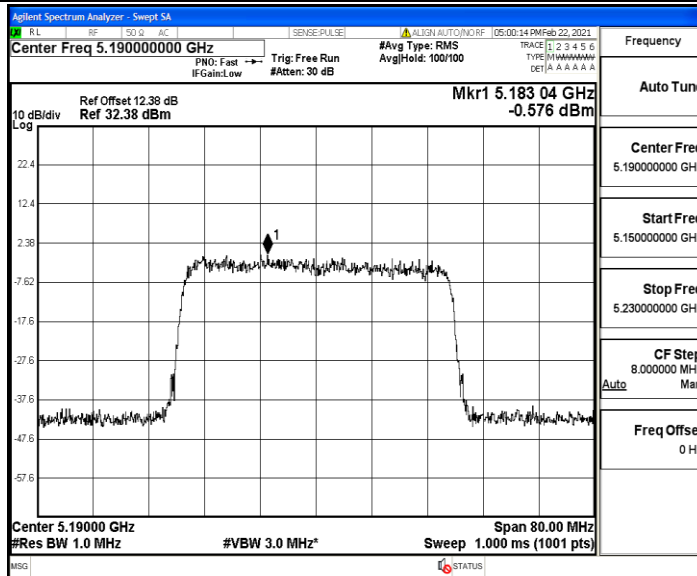
11AX20MIMO\_Ant2\_5240



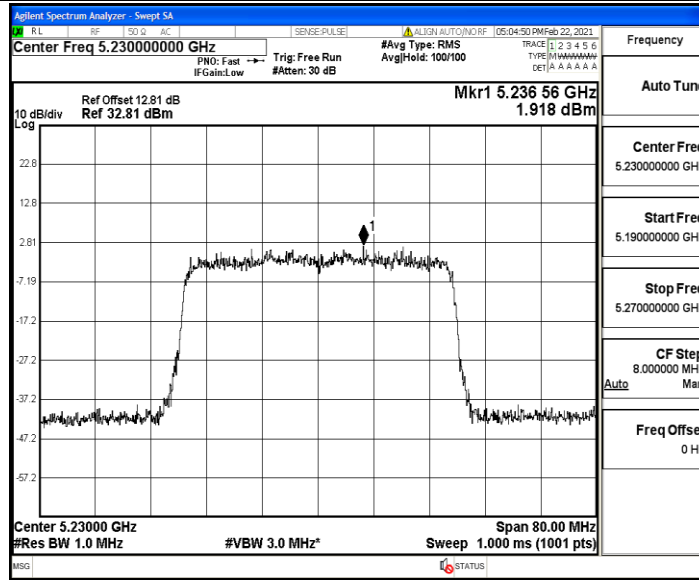
11AX40MIMO\_Ant1\_5190



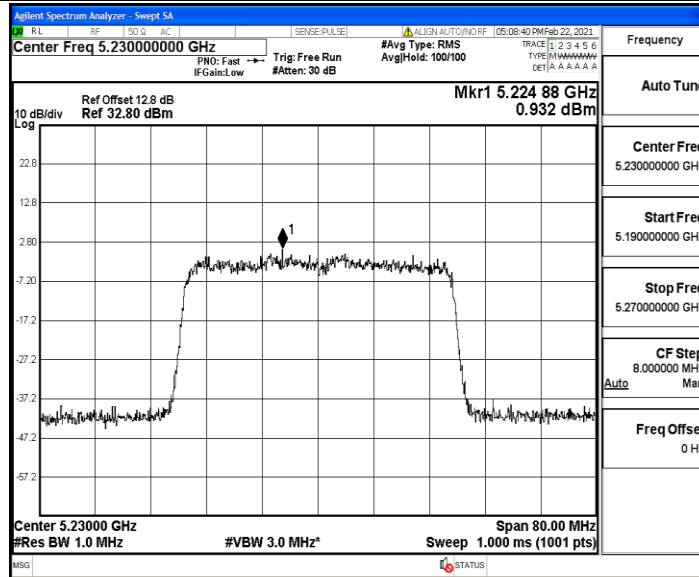
11AX40MIMO\_Ant2\_5190



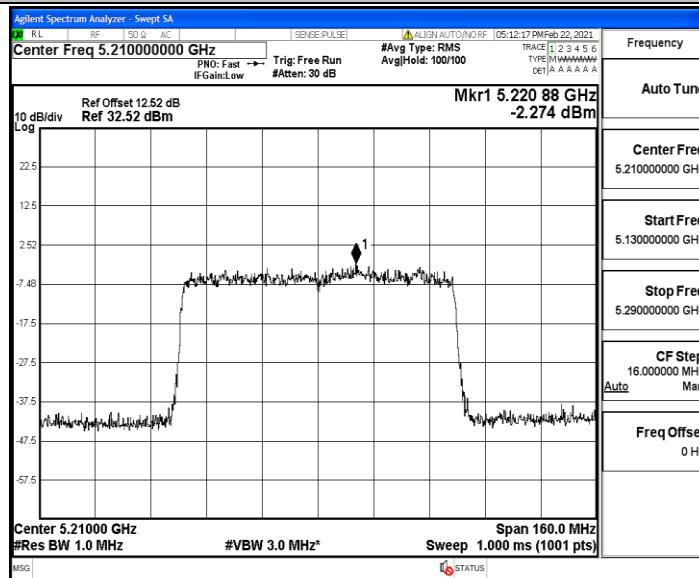
11AX40MIMO\_Ant1\_5230



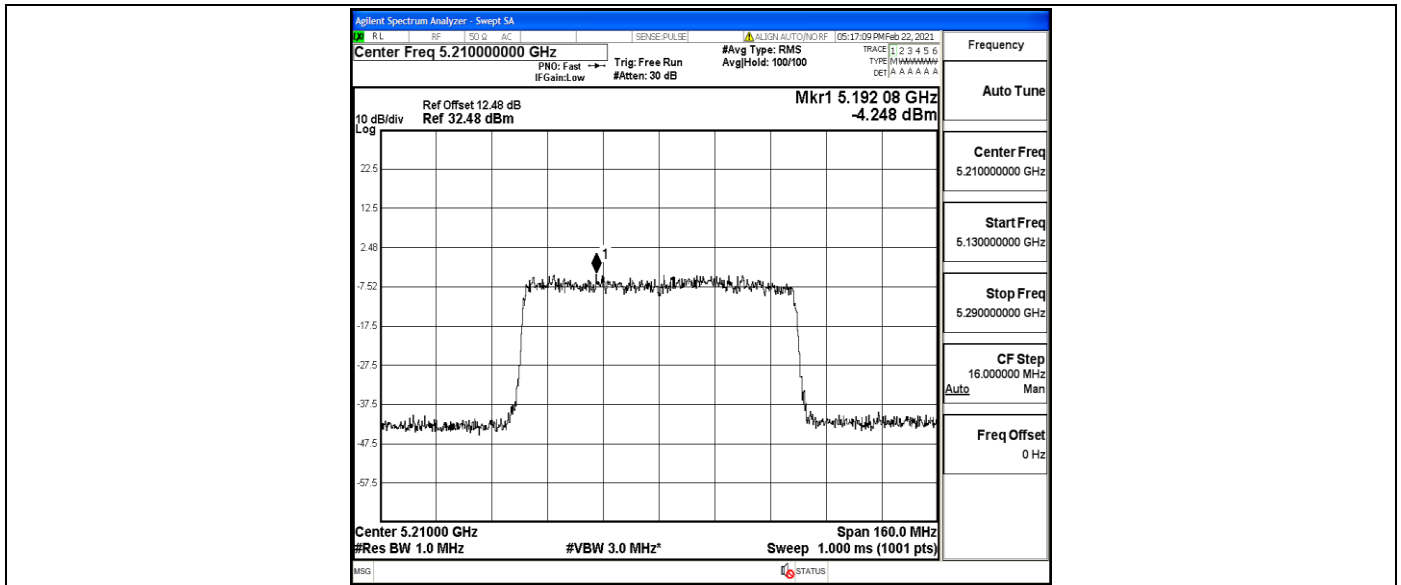
11AX40MIMO\_Ant2\_5230



11AX80MIMO\_Ant1\_5210



11AX80MIMO\_Ant2\_5210





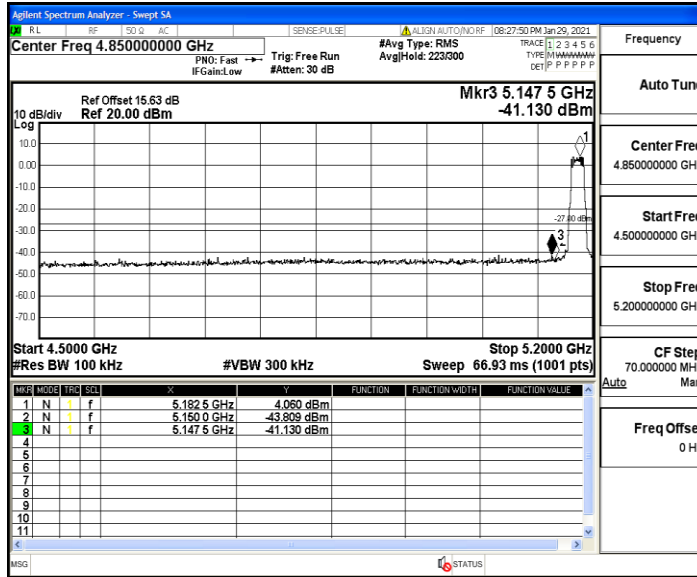
## Appendix D: Band edge measurements

### Test Result

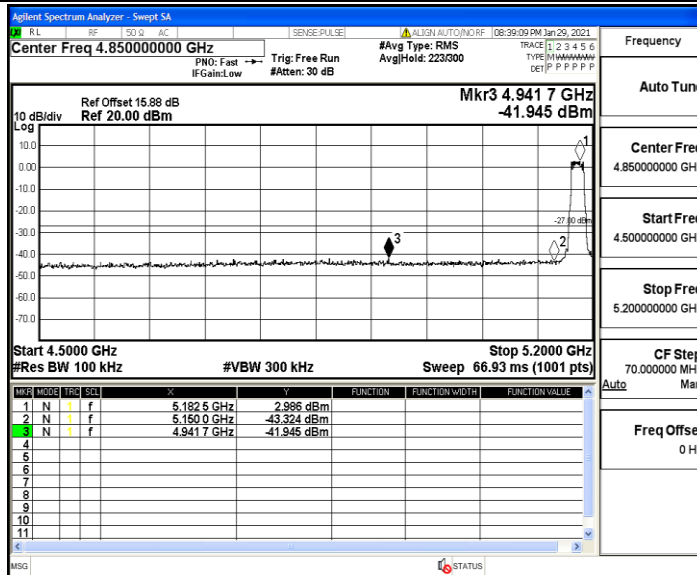
| TestMode   | Antenna | ChName | Channel | Result[dBm] | Limit[dBm] | Verdict |
|------------|---------|--------|---------|-------------|------------|---------|
| 11A        | Ant1    | Low    | 5180    | -41.13      | <=-27      | PASS    |
|            | Ant2    | Low    | 5180    | -41.95      | <=-27      | PASS    |
|            | Ant1    | High   | 5240    | -41.99      | <=-27      | PASS    |
|            | Ant2    | High   | 5240    | -42.05      | <=-27      | PASS    |
| 11N20MIMO  | Ant1    | Low    | 5180    | -42.23      | <=-27      | PASS    |
|            | Ant2    | Low    | 5180    | -41.92      | <=-27      | PASS    |
|            | Ant1    | High   | 5240    | -42.49      | <=-27      | PASS    |
|            | Ant2    | High   | 5240    | -42.07      | <=-27      | PASS    |
| 11N40MIMO  | Ant1    | Low    | 5190    | -41.75      | <=-27      | PASS    |
|            | Ant2    | Low    | 5190    | -42.07      | <=-27      | PASS    |
|            | Ant1    | High   | 5230    | -42.42      | <=-27      | PASS    |
|            | Ant2    | High   | 5230    | -41.31      | <=-27      | PASS    |
| 11AC20MIMO | Ant1    | Low    | 5180    | -42.59      | <=-27      | PASS    |
|            | Ant2    | Low    | 5180    | -42.25      | <=-27      | PASS    |
|            | Ant1    | High   | 5240    | -41.91      | <=-27      | PASS    |
|            | Ant2    | High   | 5240    | -41.98      | <=-27      | PASS    |
| 11AC40MIMO | Ant1    | Low    | 5190    | -42.11      | <=-27      | PASS    |
|            | Ant2    | Low    | 5190    | -42.1       | <=-27      | PASS    |
|            | Ant1    | High   | 5230    | -42.45      | <=-27      | PASS    |
|            | Ant2    | High   | 5230    | -41.36      | <=-27      | PASS    |
| 11AC80MIMO | Ant1    | Low    | 5210    | -42.69      | <=-27      | PASS    |
|            | Ant2    | Low    | 5210    | -41.84      | <=-27      | PASS    |
|            | Ant1    | High   | 5210    | -42.7       | <=-27      | PASS    |
|            | Ant2    | High   | 5210    | -42.02      | <=-27      | PASS    |
| 11AX20MIMO | Ant1    | Low    | 5180    | -42.55      | <=-27      | PASS    |
|            | Ant2    | Low    | 5180    | -42.18      | <=-27      | PASS    |
|            | Ant1    | High   | 5240    | -42.04      | <=-27      | PASS    |
|            | Ant2    | High   | 5240    | -41.69      | <=-27      | PASS    |
| 11AX40MIMO | Ant1    | Low    | 5190    | -41.97      | <=-27      | PASS    |
|            | Ant2    | Low    | 5190    | -42.31      | <=-27      | PASS    |
|            | Ant1    | High   | 5230    | -42.12      | <=-27      | PASS    |
|            | Ant2    | High   | 5230    | -42.24      | <=-27      | PASS    |
| 11AX80MIMO | Ant1    | Low    | 5210    | -42.72      | <=-27      | PASS    |
|            | Ant2    | Low    | 5210    | -42.43      | <=-27      | PASS    |
|            | Ant1    | High   | 5210    | -42.77      | <=-27      | PASS    |
|            | Ant2    | High   | 5210    | -42.51      | <=-27      | PASS    |

### Test Graphs

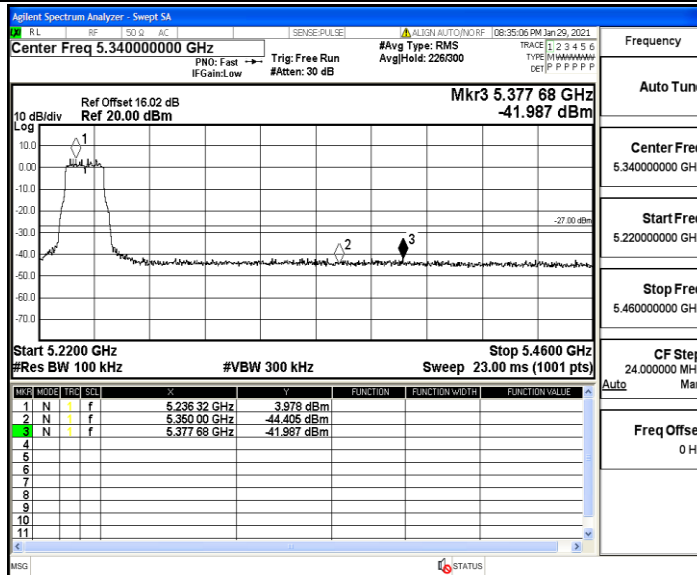
11A\_Ant1\_Low\_5180



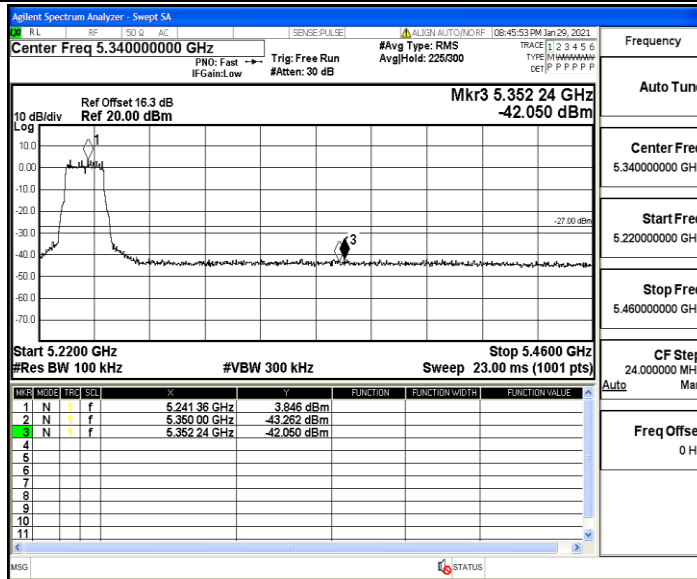
11A\_Ant2\_Low\_5180



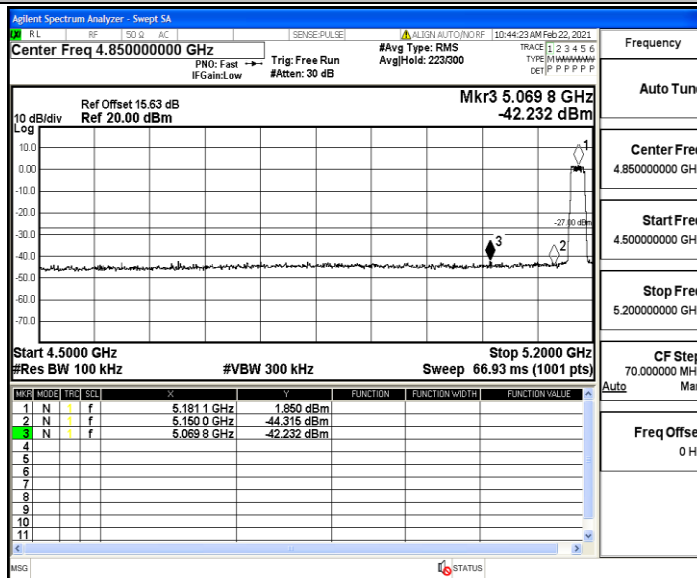
11A\_Ant1\_High\_5240



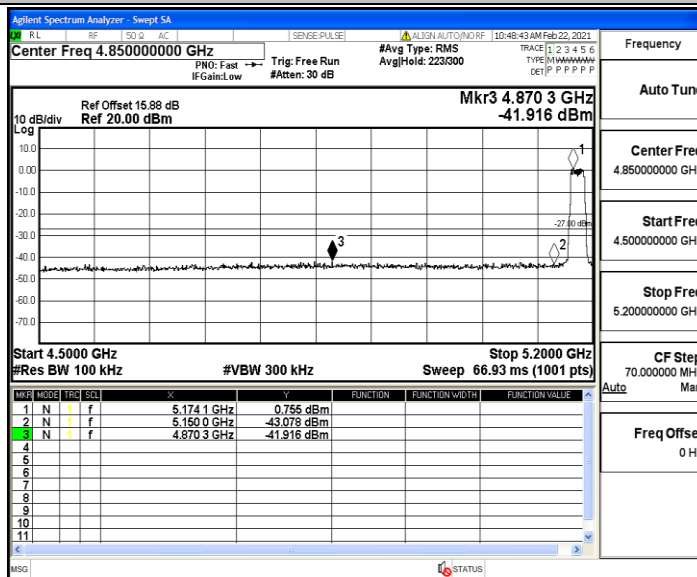
11A\_Ant2\_High\_5240



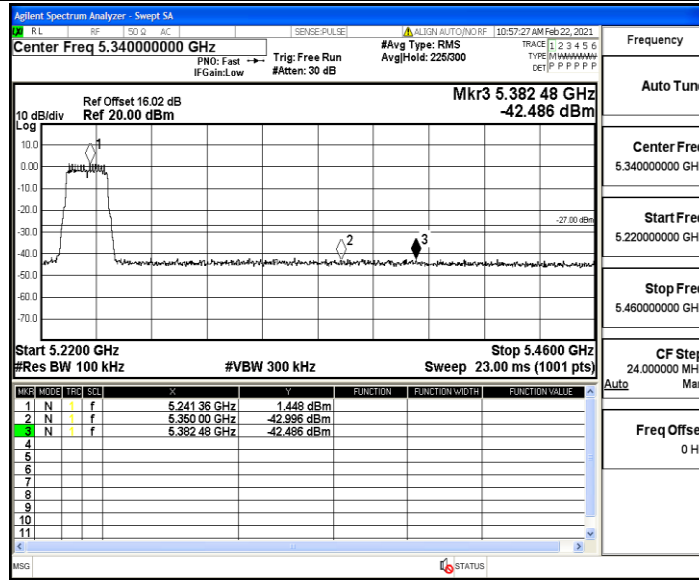
11N20MIMO\_Ant1\_Low\_5180



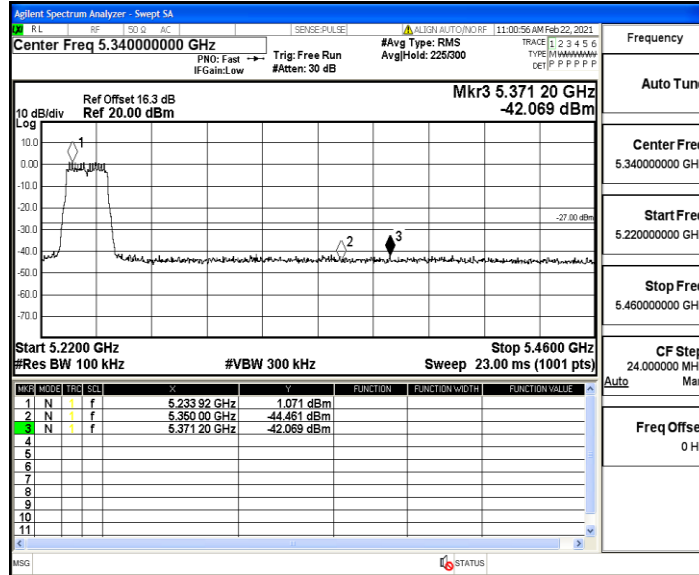
11N20MIMO\_Ant2\_Low\_5180



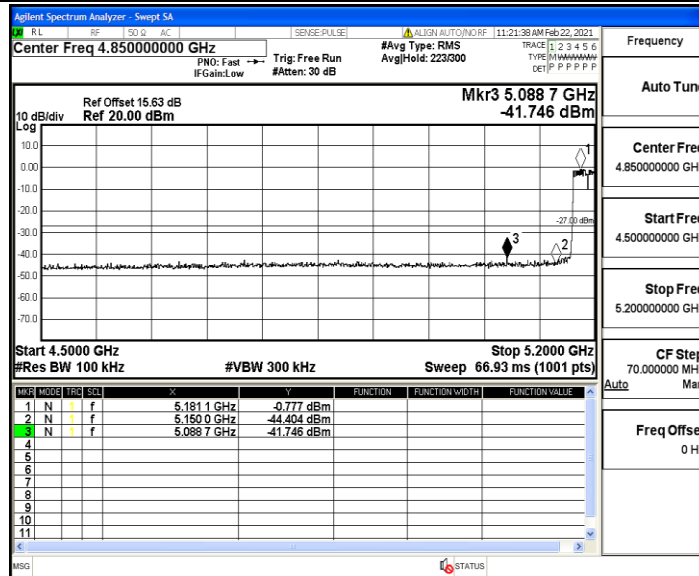
11N20MIMO\_Ant1\_High\_5240



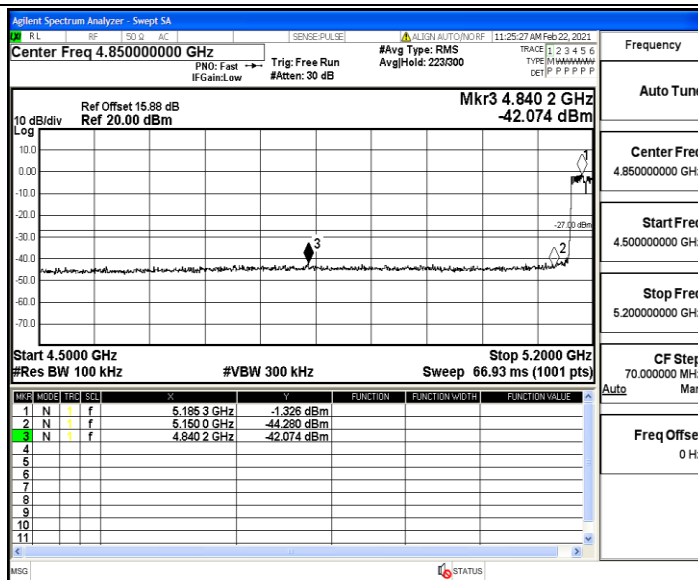
11N20MIMO\_Ant2\_High\_5240



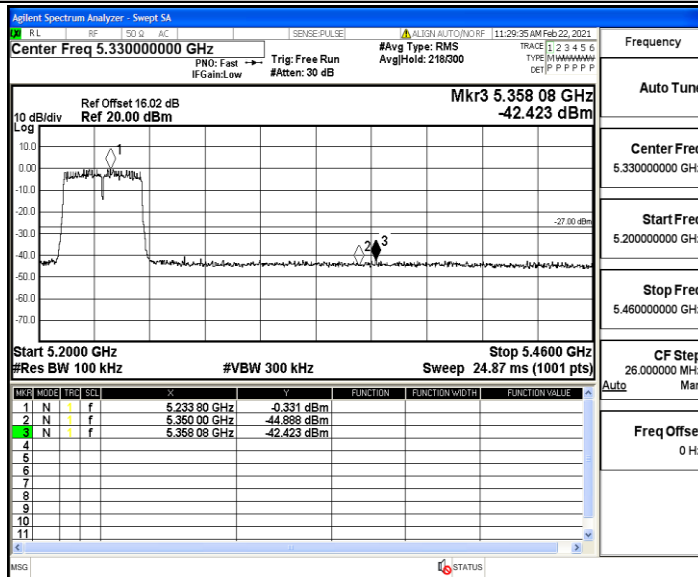
11N40MIMO\_Ant1\_Low\_5190



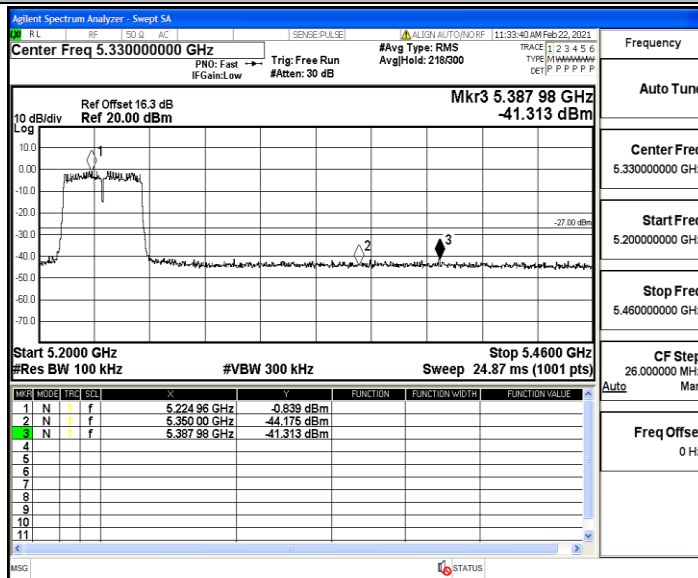
11N40MIMO\_Ant2\_Low\_5190



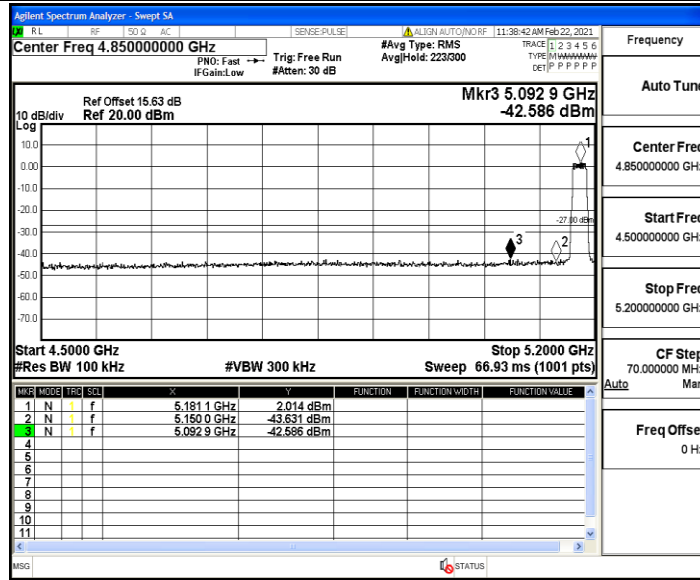
11N40MIMO\_Ant1\_High\_5230



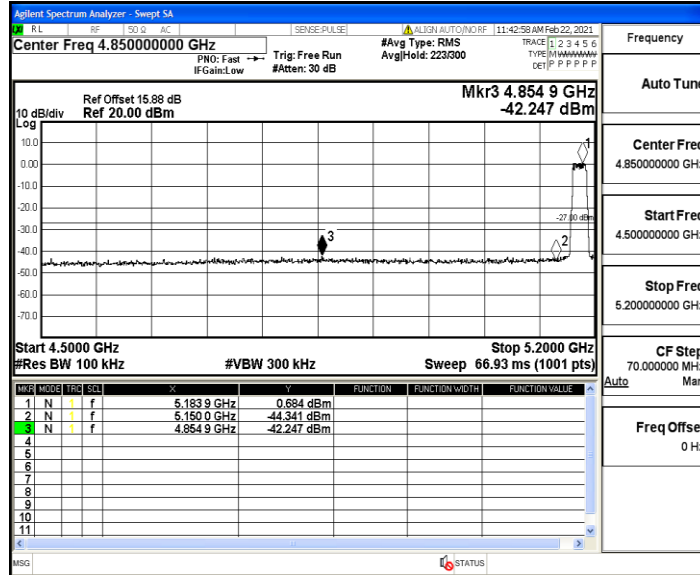
11N40MIMO\_Ant2\_High\_5230



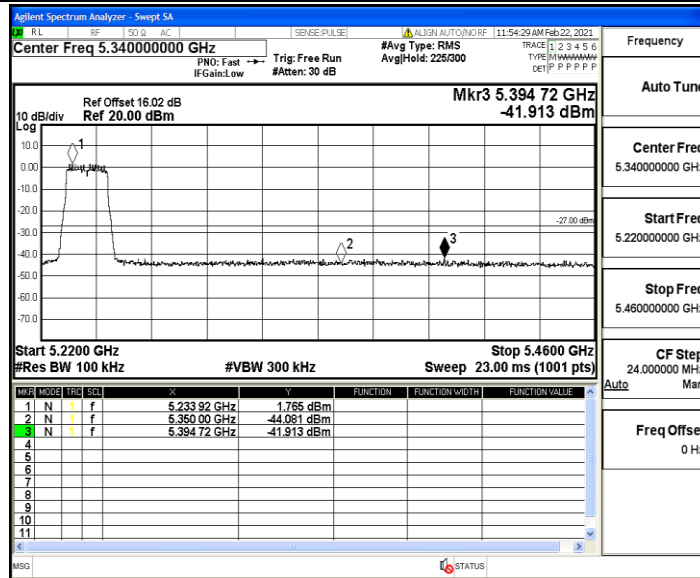
11AC20MIMO\_Ant1\_Low\_5180



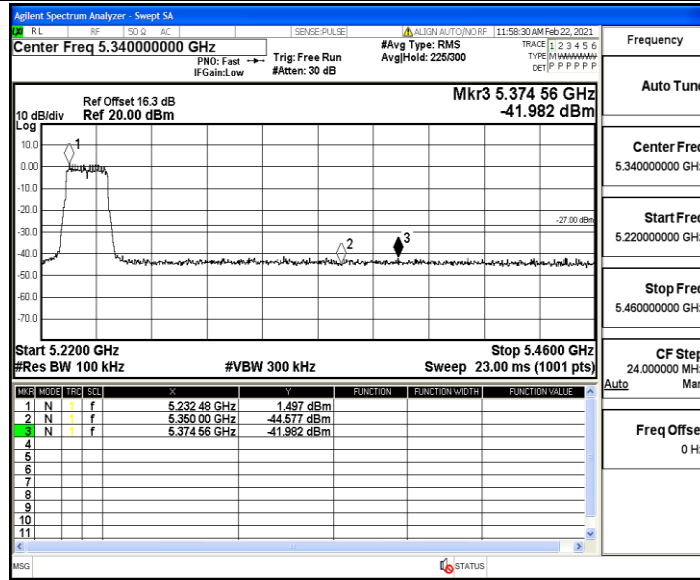
11AC20MIMO\_Ant2\_Low\_5180



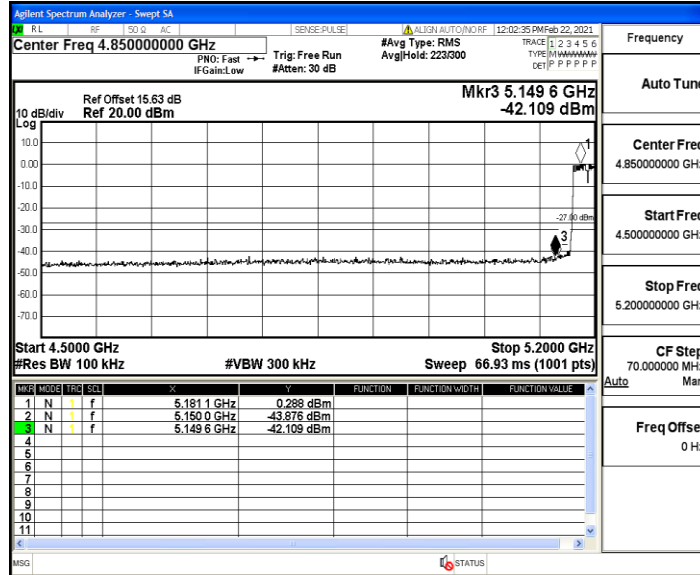
11AC20MIMO\_Ant1\_High\_5240



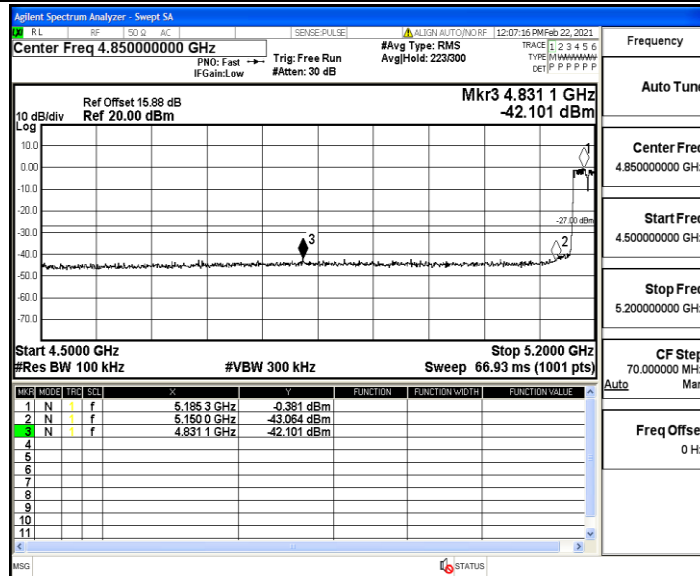
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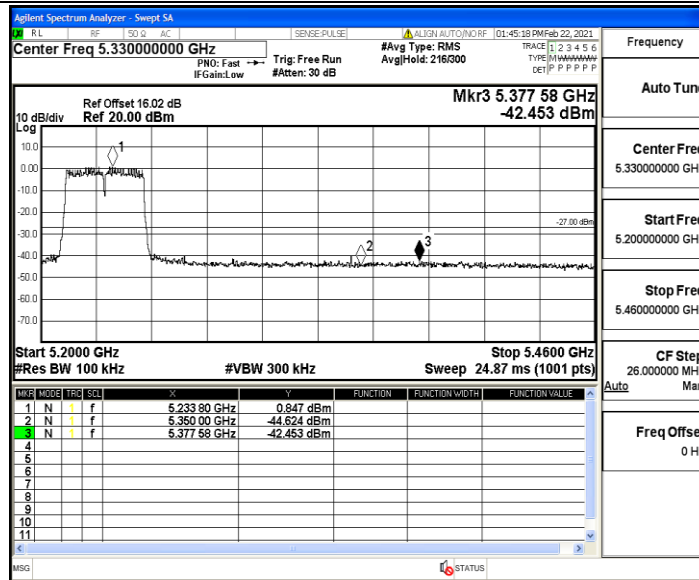
11AC40MIMO\_Ant1\_Low\_5190



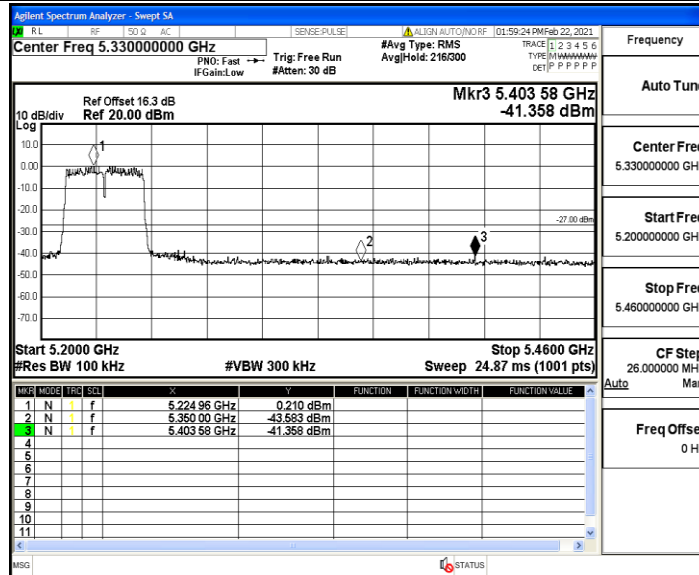
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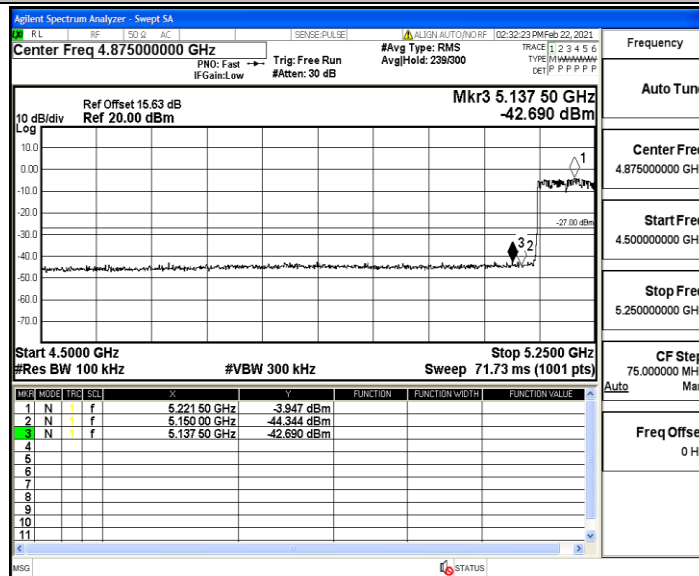
11AC40MIMO\_Ant1\_High\_5230



11AC40MIMO\_Ant2\_High\_5230

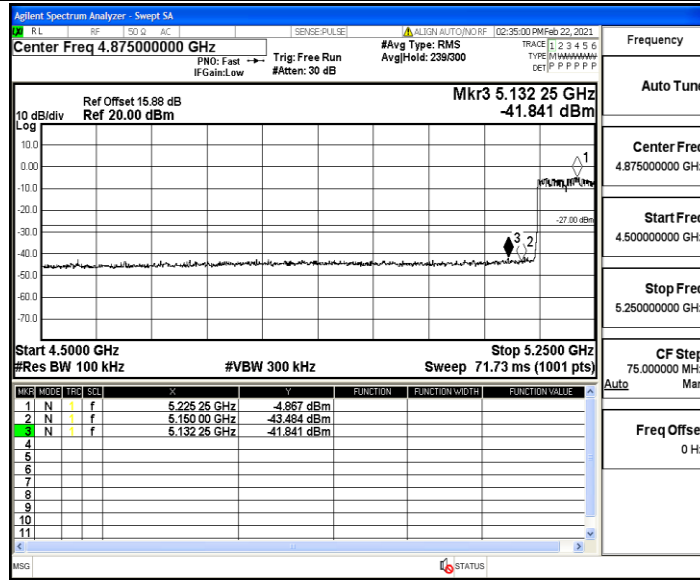


11AC80MIMO\_Ant1\_Low\_5210

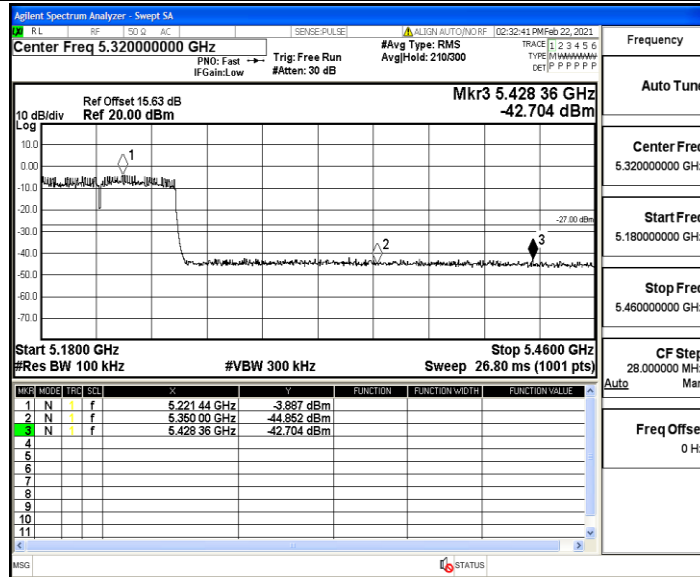


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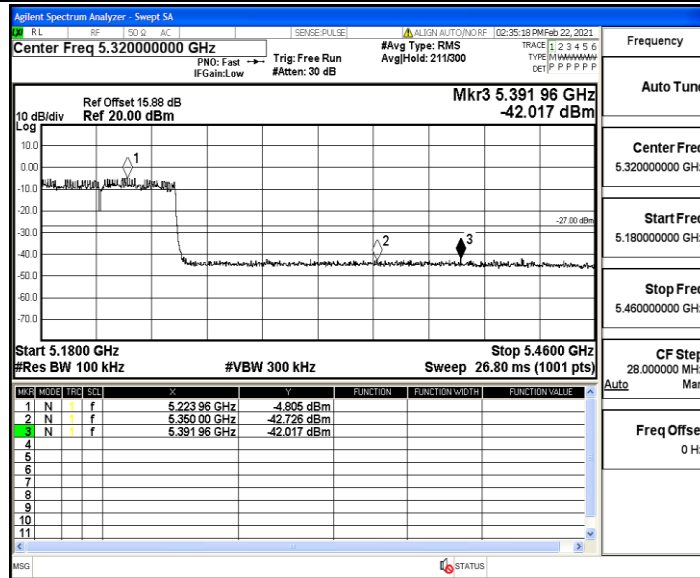




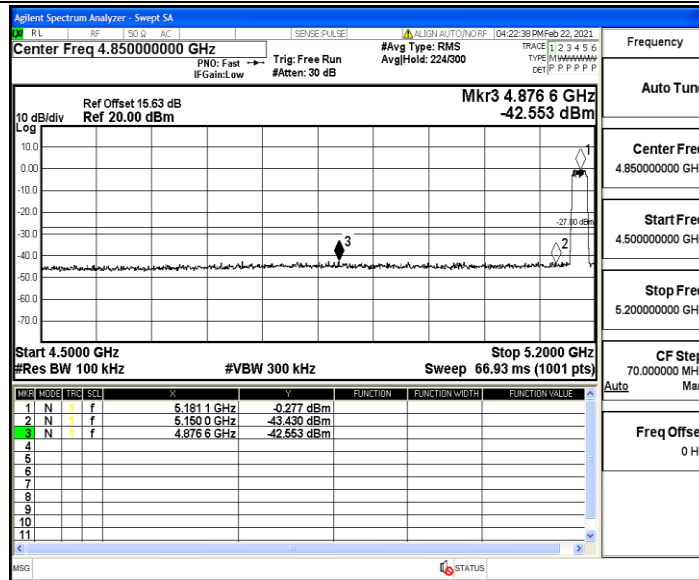
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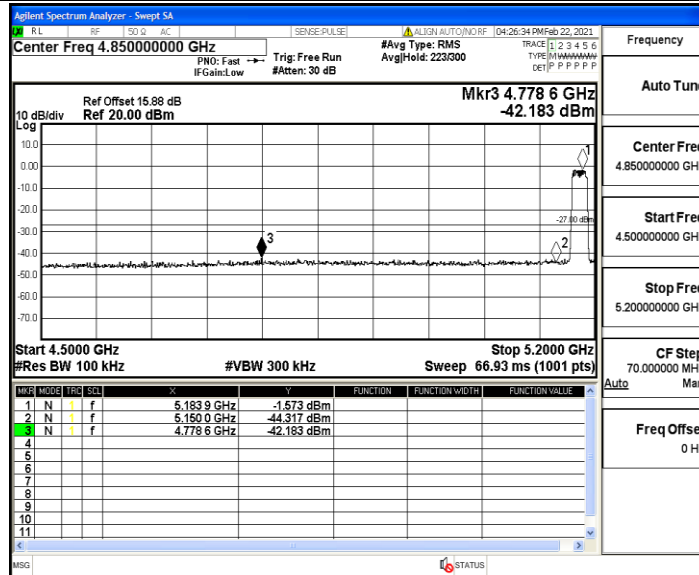
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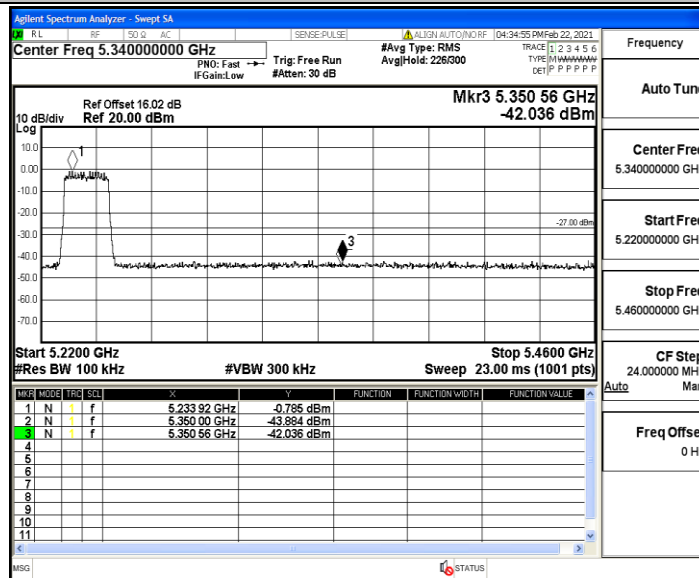
11AX20MIMO\_Ant1\_Low\_5180



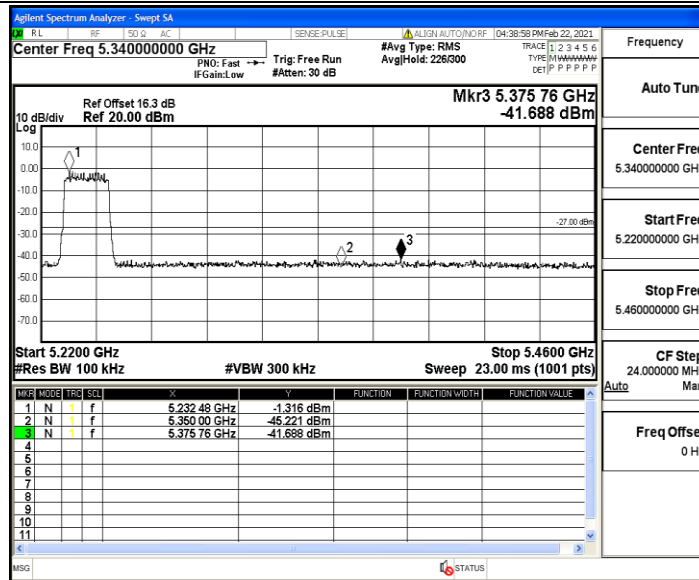
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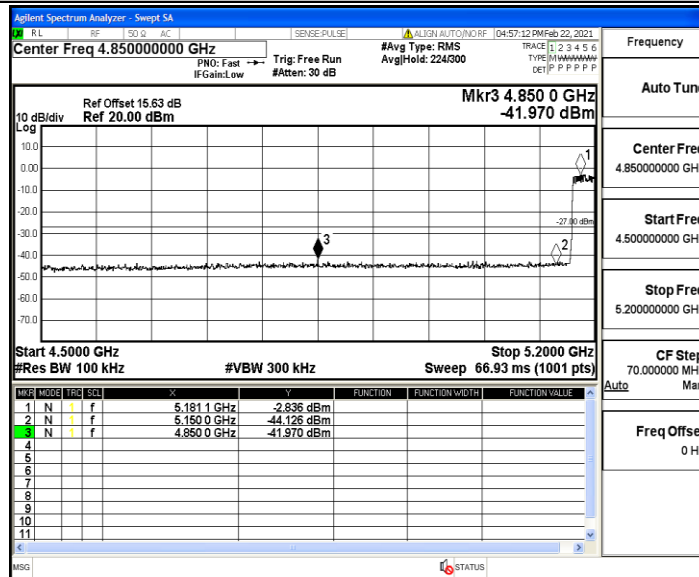
11AX20MIMO\_Ant1\_High\_5240



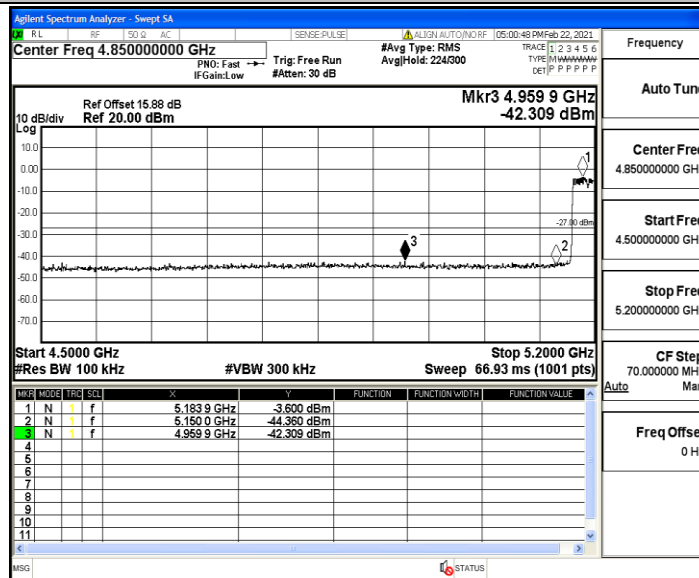
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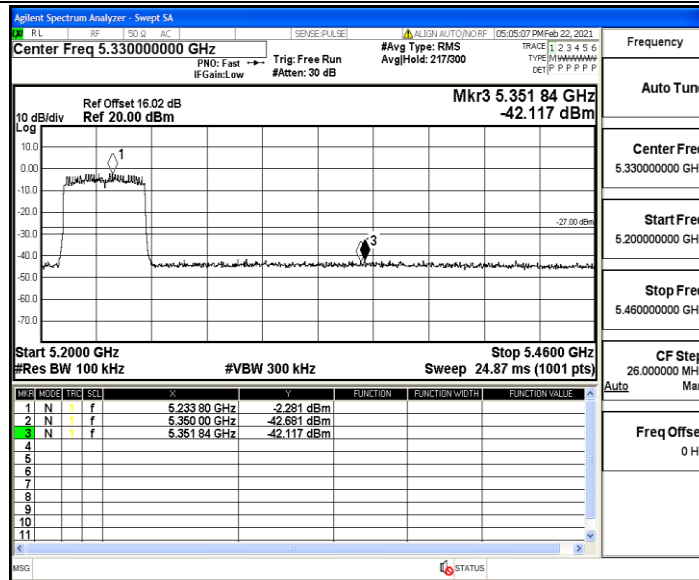
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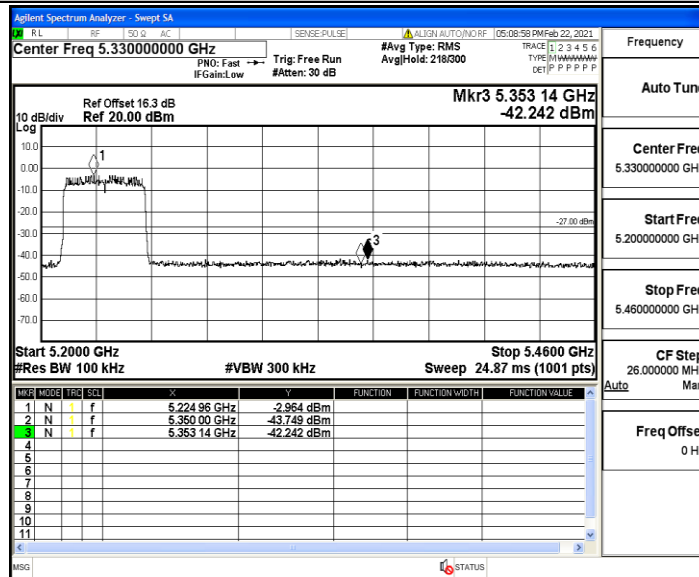
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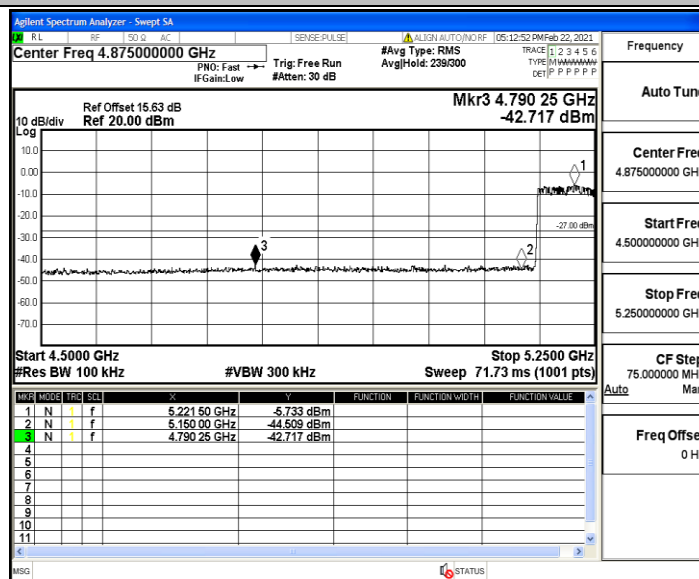
11AX40MIMO\_Ant1\_High\_5230



11AX40MIMO\_Ant2\_High\_5230



11AX80MIMO\_Ant1\_Low\_5210



11AX80MIMO\_Ant2\_Low\_5210