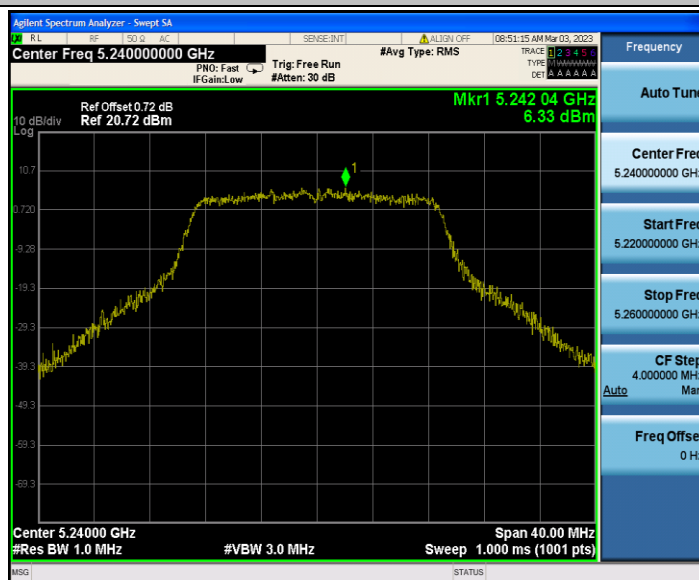




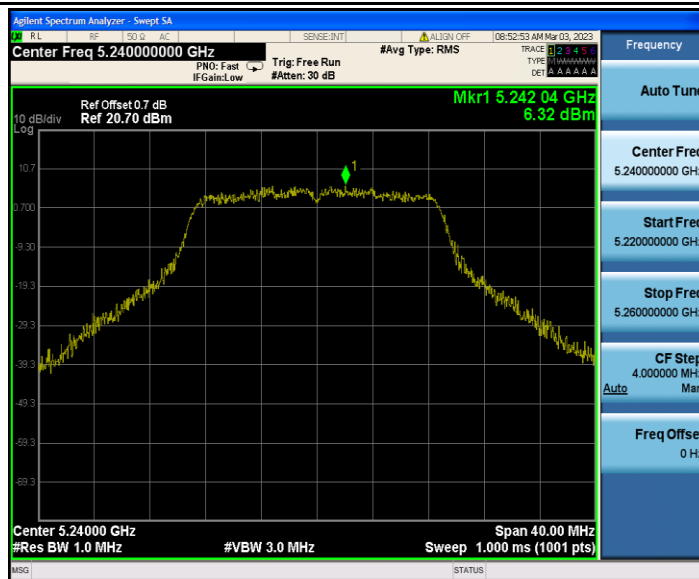
11N20MIMO\_Ant2\_5200



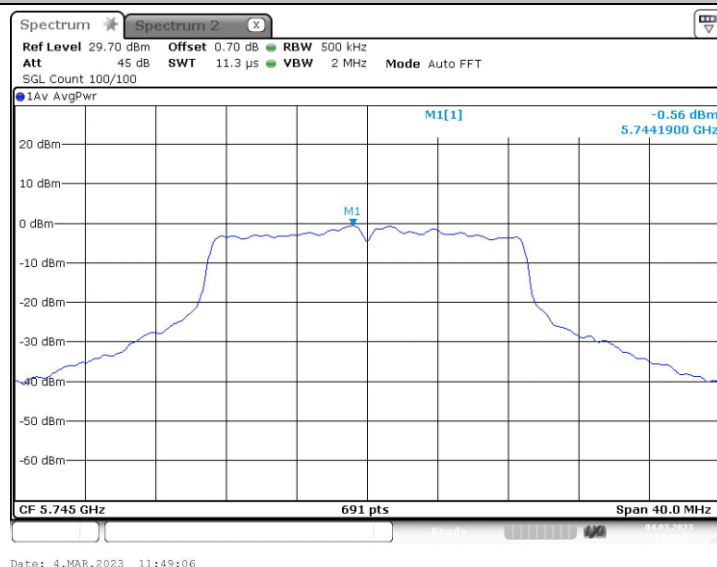
11N20MIMO\_Ant1\_5240



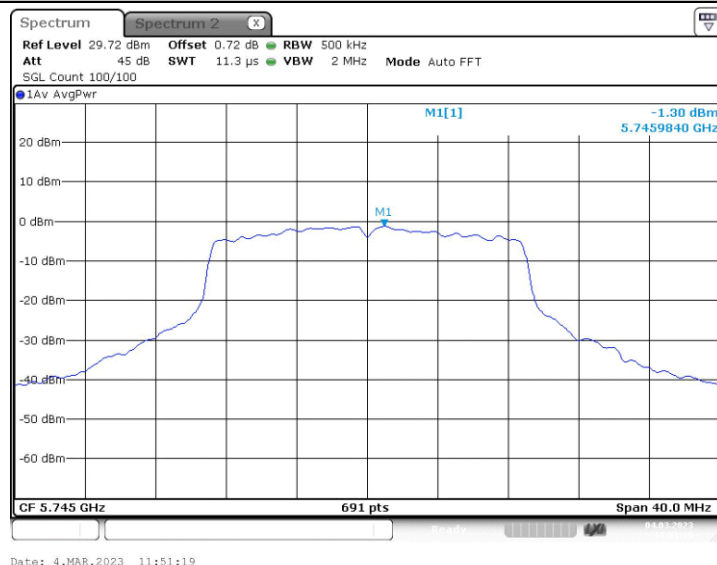
11N20MIMO\_Ant2\_5240



11N20MIMO\_Ant1\_5745

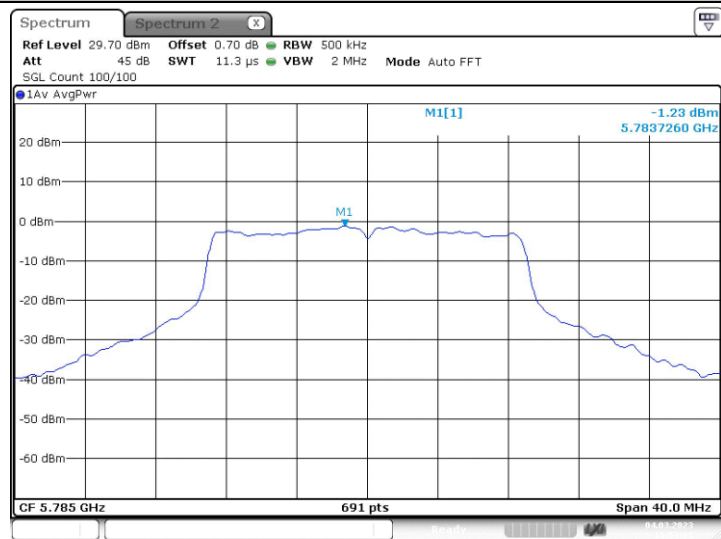


11N20MIMO\_Ant2\_5745



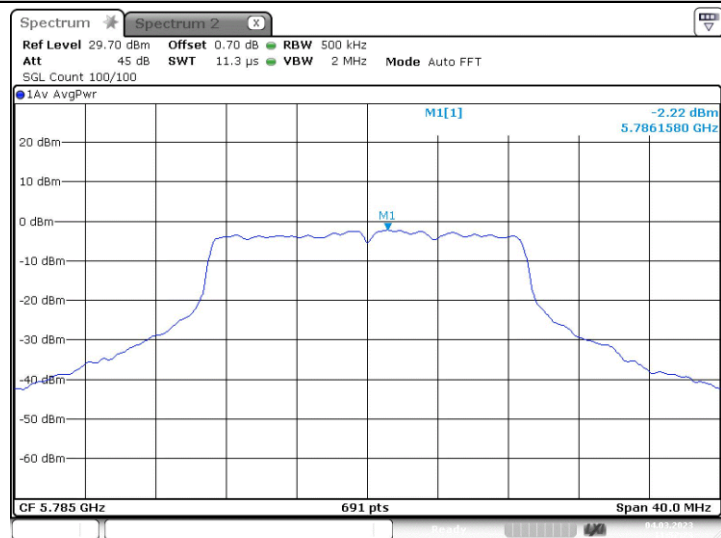


11N20MIMO\_Ant1\_5785



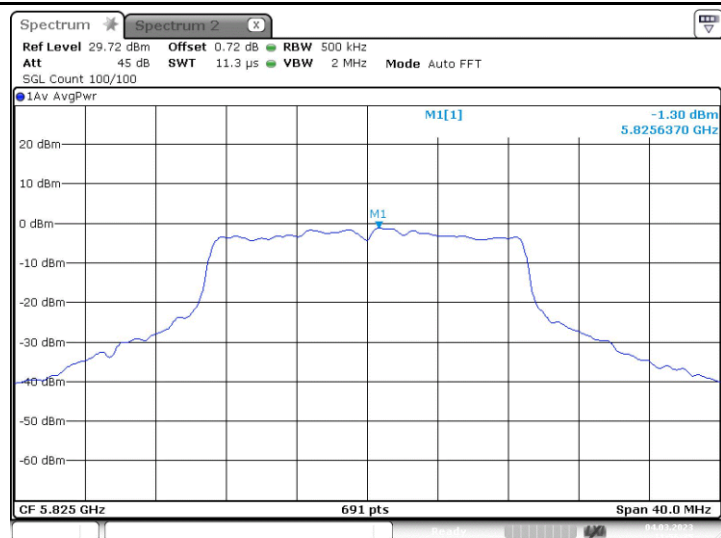
Date: 4.MAR.2023 11:53:31

11N20MIMO\_Ant2\_5785



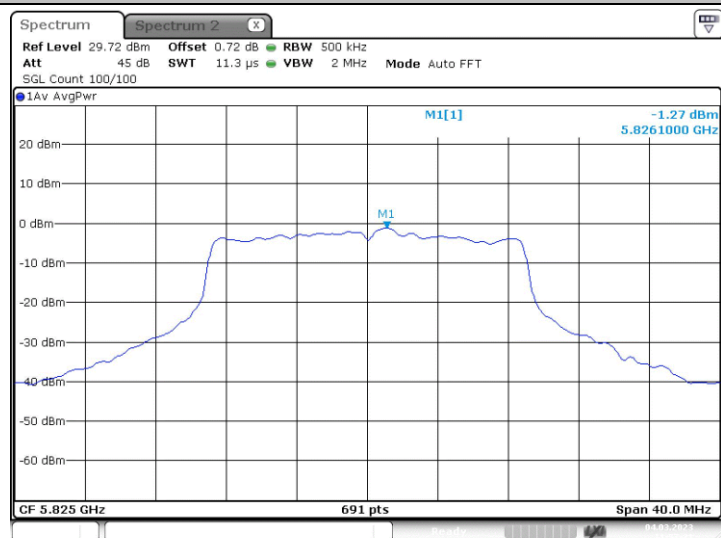
Date: 4.MAR.2023 11:52:23

11N20MIMO\_Ant1\_5825



Date: 4.MAR.2023 11:56:35

### 11N20MIMO\_Ant2\_5825



Date: 4.MAR.2023 11:57:31

### 11N40MIMO\_Ant1\_5190





11N40MIMO\_Ant2\_5190



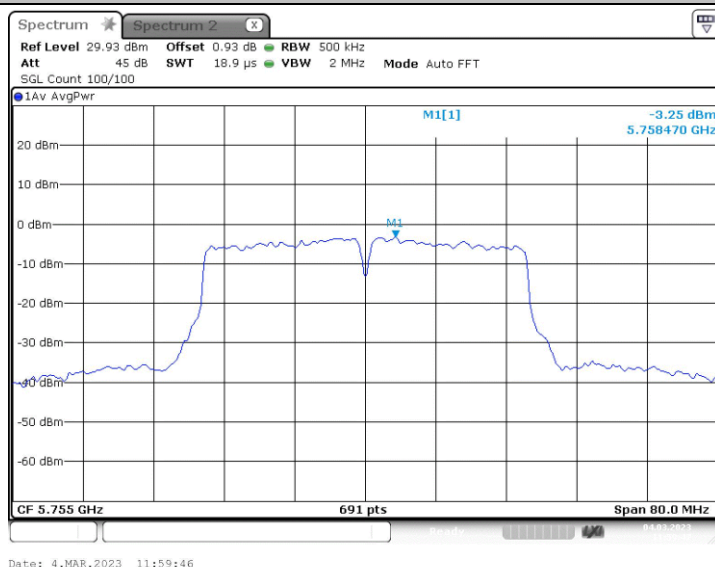
11N40MIMO\_Ant1\_5230



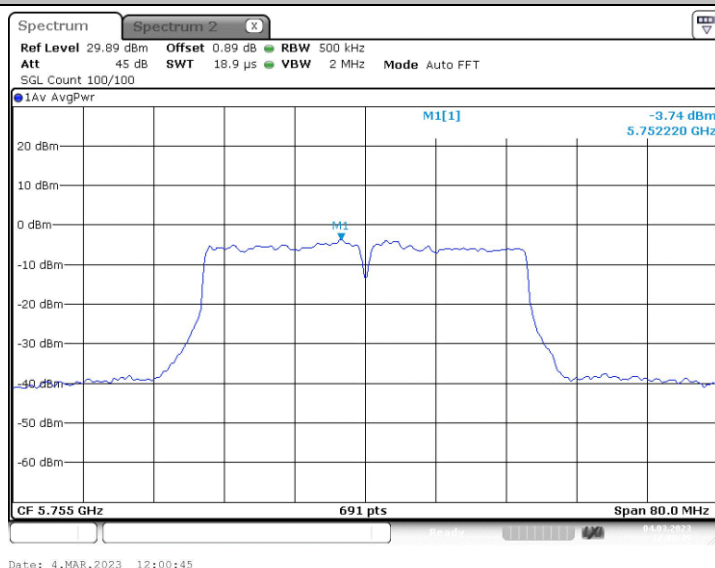
11N40MIMO\_Ant2\_5230



11N40MIMO\_Ant1\_5755

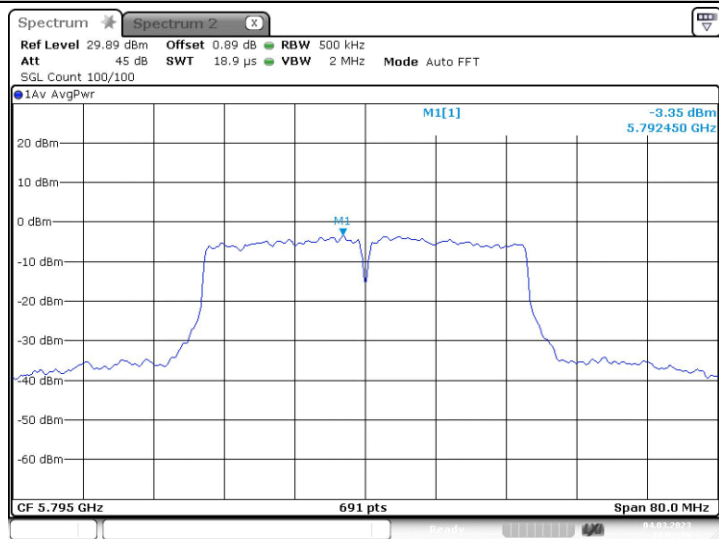


11N40MIMO\_Ant2\_5755



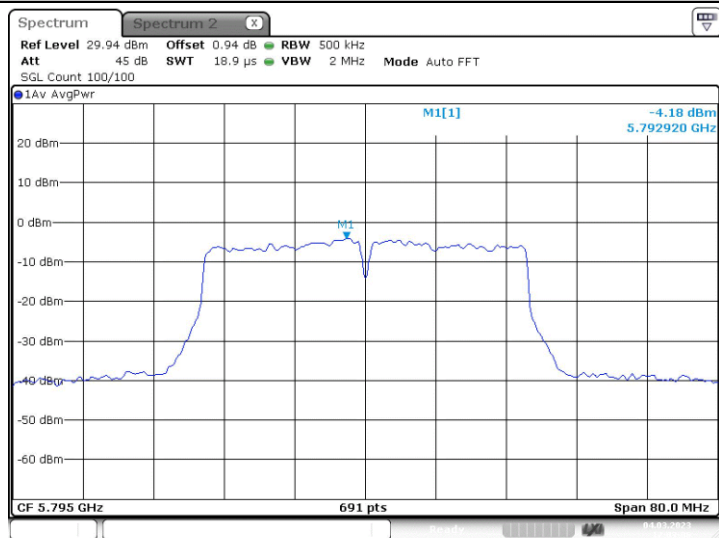


11N40MIMO\_Ant1\_5795



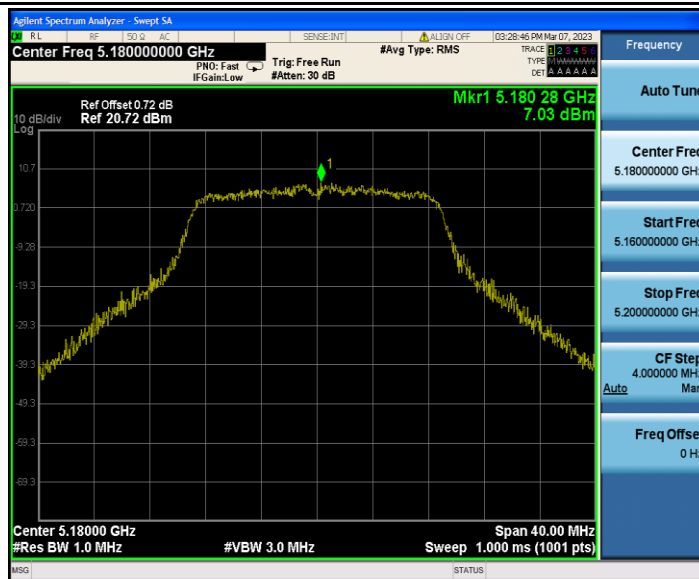
Date: 4.MAR.2023 12:02:05

11N40MIMO\_Ant2\_5795



Date: 4.MAR.2023 12:03:06

11AC20MIMO\_Ant1\_5180



11AC20MIMO\_Ant2\_5180



11AC20MIMO\_Ant1\_5200





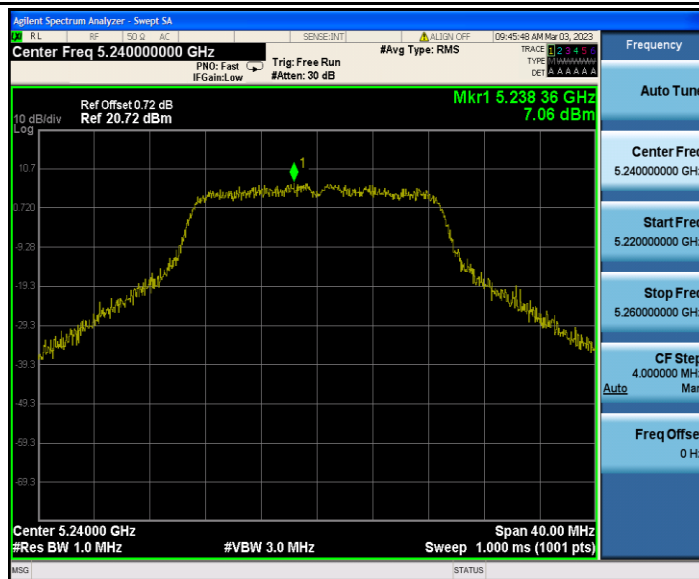
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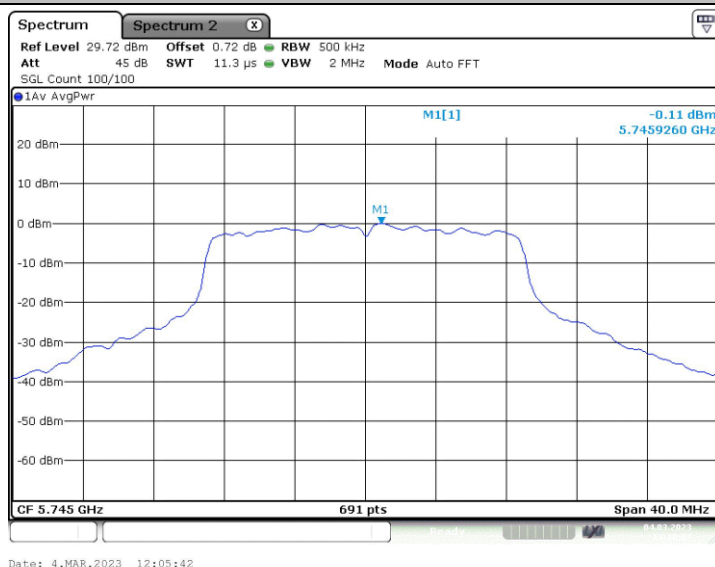
11AC20MIMO\_Ant1\_5240



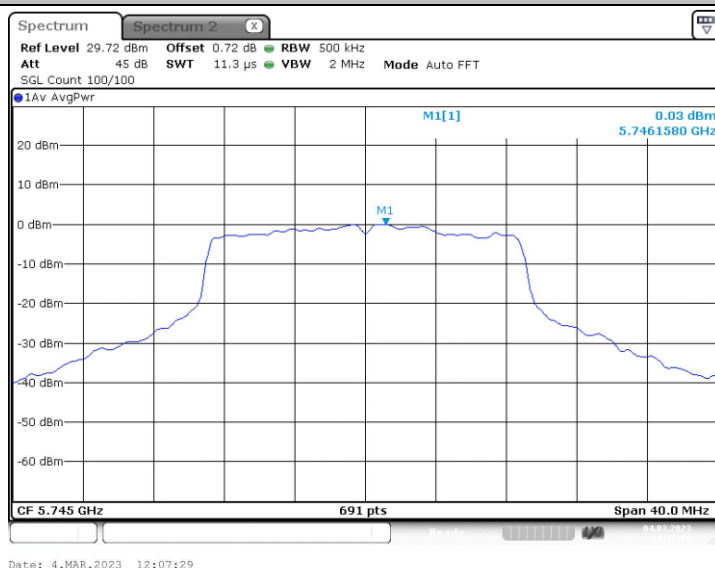
11AC20MIMO\_Ant2\_5240



11AC20MIMO\_Ant1\_5745

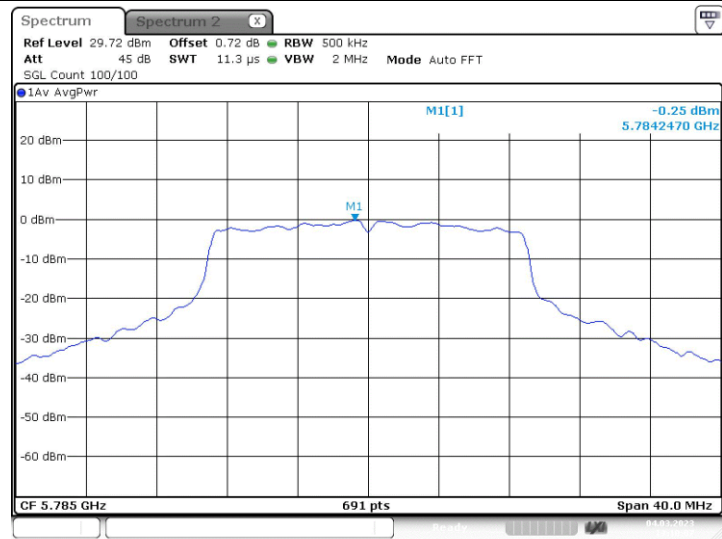


11AC20MIMO\_Ant2\_5745



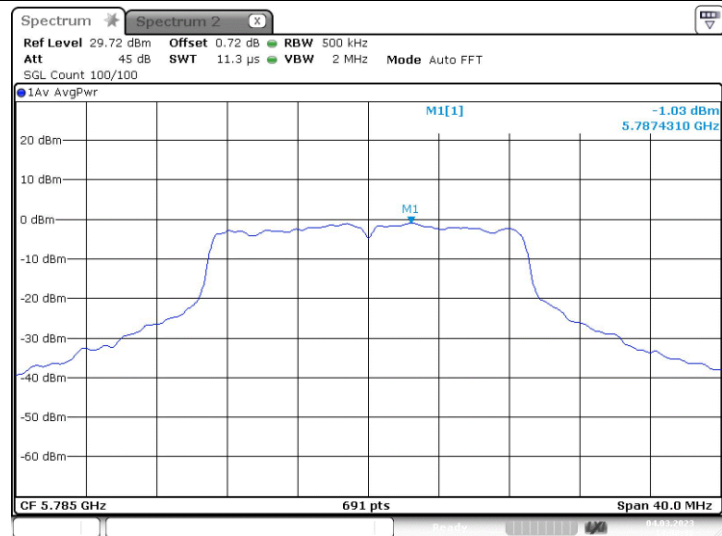


### 11AC20MIMO\_Ant1\_5785



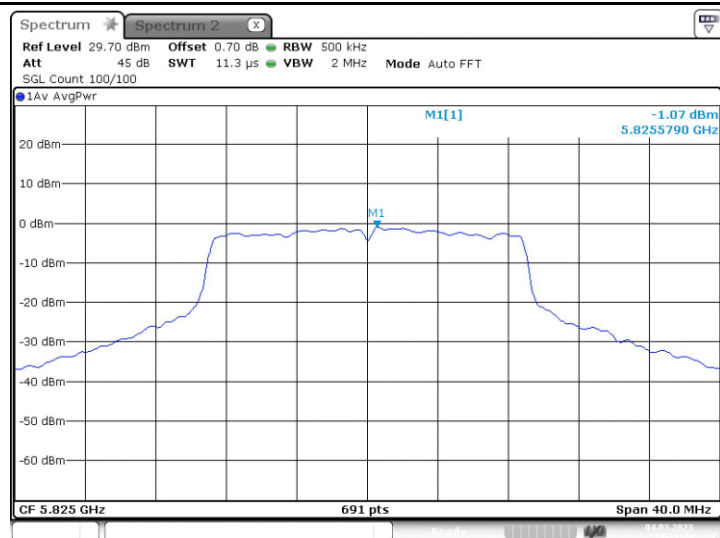
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### 11AC20MIMO\_Ant2\_5785



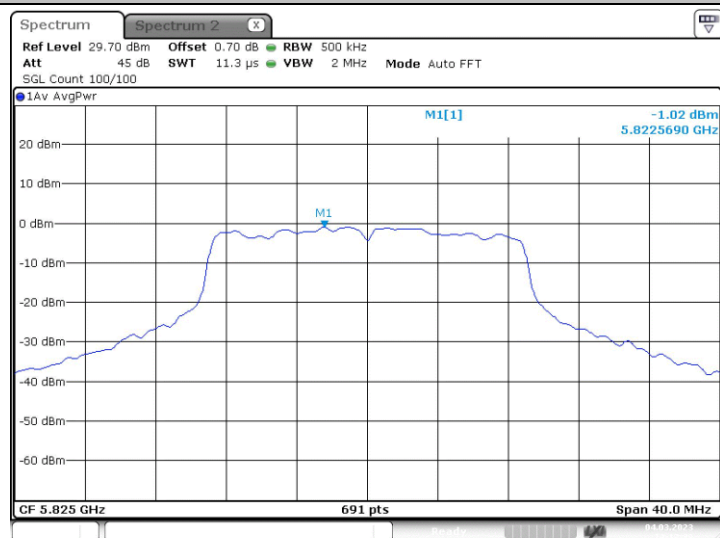
Date: 4.MAR.2023 13:08:32

### 11AC20MIMO\_Ant1\_5825



Date: 4.MAR.2023 13:11:46

### 11AC20MIMO\_Ant2\_5825



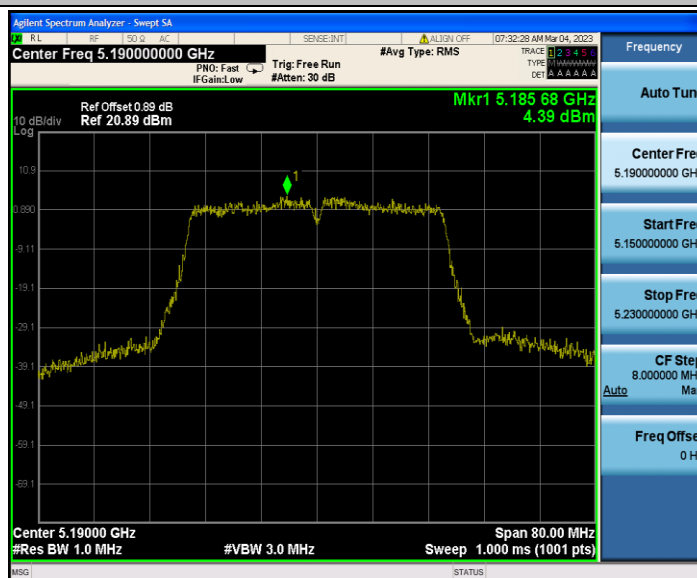
Date: 4.MAR.2023 13:12:33

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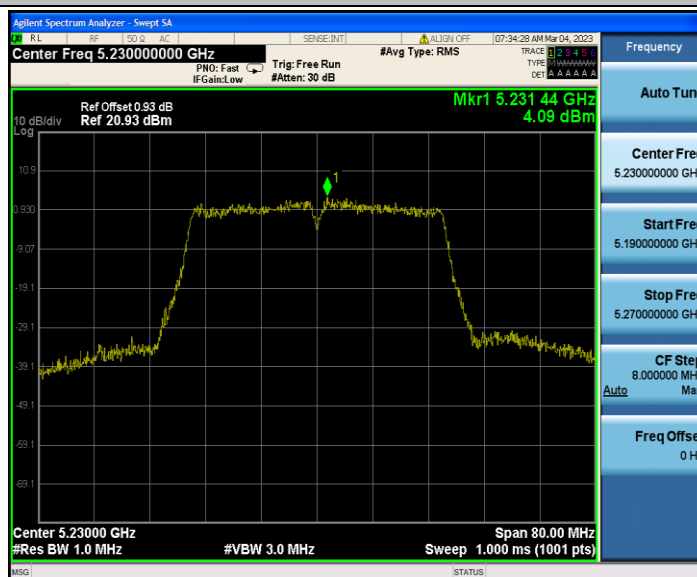




11AC40MIMO\_Ant2\_5190



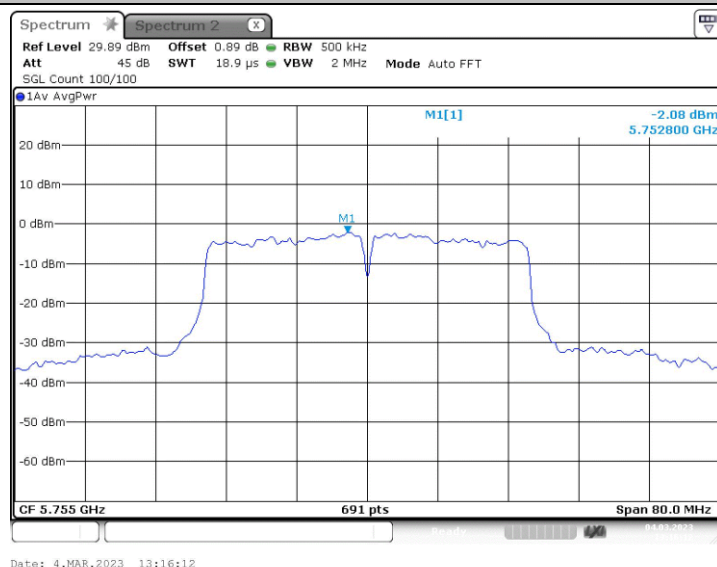
11AC40MIMO\_Ant1\_5230



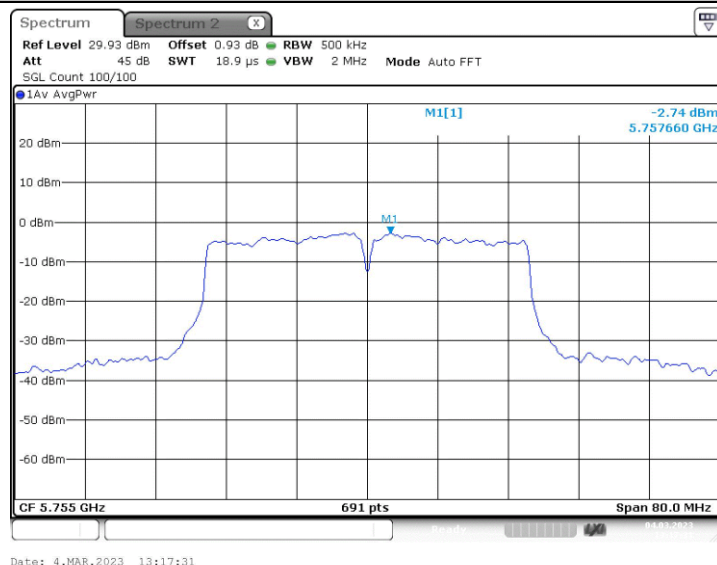
11AC40MIMO\_Ant2\_5230



11AC40MIMO\_Ant1\_5755

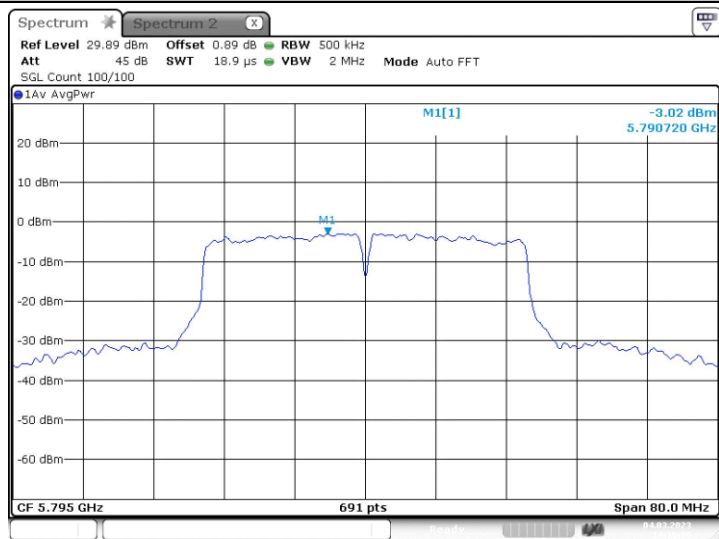


11AC40MIMO\_Ant2\_5755



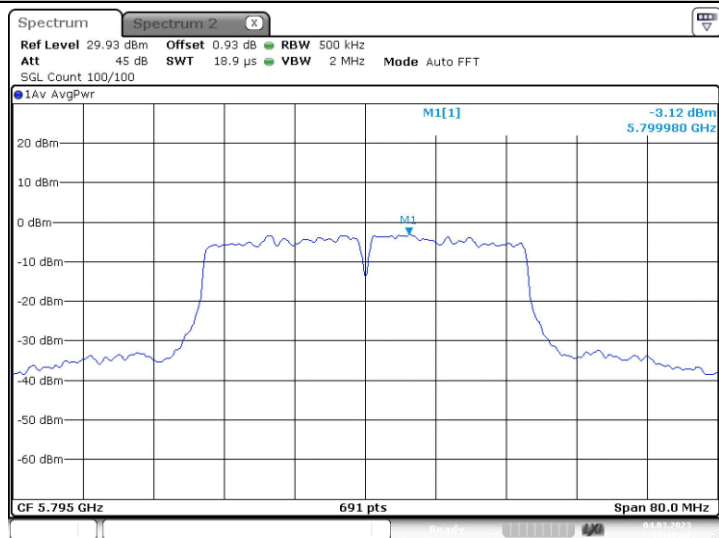


11AC40MIMO\_Ant1\_5795



Date: 4.MAR.2023 13:19:00

11AC40MIMO\_Ant2\_5795

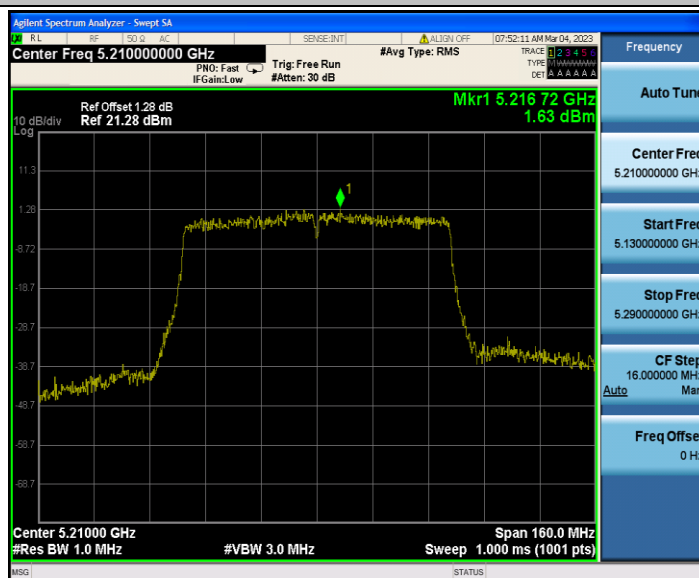


Date: 4.MAR.2023 13:19:57

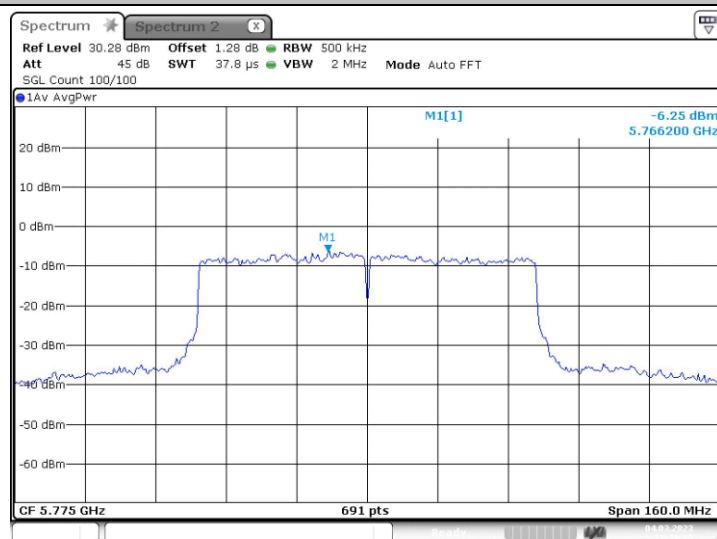
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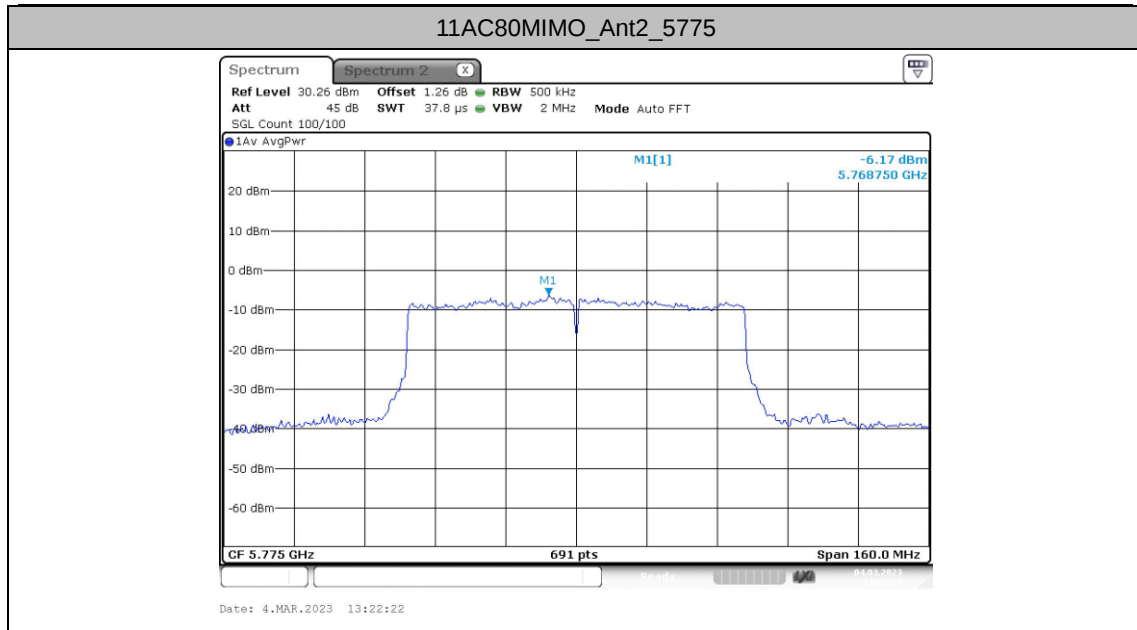
11AC80MIMO\_Ant2\_5210



11AC80MIMO\_Ant1\_5775



Date: 4.MAR.2023 13:21:25





## Appendix D: Frequency Stability

### Test Result

| Voltage    |         |         |               |           |                |                 |             |         |
|------------|---------|---------|---------------|-----------|----------------|-----------------|-------------|---------|
| Test Mode  | Antenna | Channel | Voltage [Vdc] | Temp (°C) | Deviation (Hz) | Deviation (ppm) | Limit (ppm) | Verdict |
| 11AC20MIMO | Ant1    | 5180    | NV            | NT        | -10000         | -1.930502       | 20          | PASS    |
|            |         |         | LV            | NT        | -10000         | -1.930502       | 20          | PASS    |
|            |         |         | HV            | NT        | -10000         | -1.930502       | 20          | PASS    |
|            | Ant2    | 5180    | NV            | NT        | 9000           | 1.737452        | 20          | PASS    |
|            |         |         | LV            | NT        | 8000           | 1.544402        | 20          | PASS    |
|            |         |         | HV            | NT        | 8000           | 1.544402        | 20          | PASS    |
|            | Ant1    | 5200    | NV            | NT        | -10000         | -1.923077       | 20          | PASS    |
|            |         |         | LV            | NT        | -9000          | -1.730769       | 20          | PASS    |
|            |         |         | HV            | NT        | -9000          | -1.730769       | 20          | PASS    |
|            | Ant2    | 5200    | NV            | NT        | 8000           | 1.538462        | 20          | PASS    |
|            |         |         | LV            | NT        | 8000           | 1.538462        | 20          | PASS    |
|            |         |         | HV            | NT        | 8000           | 1.538462        | 20          | PASS    |
|            | Ant1    | 5240    | NV            | NT        | -10000         | -1.908397       | 20          | PASS    |
|            |         |         | LV            | NT        | -10000         | -1.908397       | 20          | PASS    |
|            |         |         | HV            | NT        | -10000         | -1.908397       | 20          | PASS    |
|            | Ant2    | 5240    | NV            | NT        | 8000           | 1.526718        | 20          | PASS    |
|            |         |         | LV            | NT        | 9000           | 1.717557        | 20          | PASS    |
|            |         |         | HV            | NT        | 8000           | 1.526718        | 20          | PASS    |
|            | Ant1    | 5745    | NV            | NT        | -10000         | -1.740644       | 20          | PASS    |
|            |         |         | LV            | NT        | -10000         | -1.740644       | 20          | PASS    |
|            |         |         | HV            | NT        | -10000         | -1.740644       | 20          | PASS    |
|            | Ant2    | 5745    | NV            | NT        | 9000           | 1.56658         | 20          | PASS    |
|            |         |         | LV            | NT        | 8000           | 1.392515        | 20          | PASS    |
|            |         |         | HV            | NT        | 8000           | 1.392515        | 20          | PASS    |
|            | Ant1    | 5785    | NV            | NT        | -10000         | -1.728608       | 20          | PASS    |
|            |         |         | LV            | NT        | -10000         | -1.728608       | 20          | PASS    |
|            |         |         | HV            | NT        | -10000         | -1.728608       | 20          | PASS    |
|            | Ant2    | 5785    | NV            | NT        | 8000           | 1.382887        | 20          | PASS    |
|            |         |         | LV            | NT        | 9000           | 1.555748        | 20          | PASS    |
|            |         |         | HV            | NT        | 9000           | 1.555748        | 20          | PASS    |
|            | Ant1    | 5825    | NV            | NT        | -11000         | -1.888412       | 20          | PASS    |
|            |         |         | LV            | NT        | -10000         | -1.716738       | 20          | PASS    |
|            |         |         | HV            | NT        | -10000         | -1.716738       | 20          | PASS    |
|            | Ant2    | 5825    | NV            | NT        | 9000           | 1.545064        | 20          | PASS    |
|            |         |         | LV            | NT        | 9000           | 1.545064        | 20          | PASS    |
|            |         |         | HV            | NT        | 9000           | 1.545064        | 20          | PASS    |
| 11AC40MIMO | Ant1    | 5190    | NV            | NT        | -9000          | -1.734104       | 20          | PASS    |



|            |      |      |    |    |       |           |    |      |
|------------|------|------|----|----|-------|-----------|----|------|
|            |      |      | LV | NT | -9000 | -1.734104 | 20 | PASS |
|            |      |      | HV | NT | -8000 | -1.541426 | 20 | PASS |
|            | Ant2 | 5190 | NV | NT | 9000  | 1.734104  | 20 | PASS |
|            |      |      | LV | NT | 8000  | 1.541426  | 20 | PASS |
|            | Ant1 | 5230 | HV | NT | 8000  | 1.541426  | 20 | PASS |
|            |      |      | NV | NT | -9000 | -1.720841 | 20 | PASS |
|            |      |      | LV | NT | -7000 | -1.338432 | 20 | PASS |
|            | Ant2 | 5230 | HV | NT | -4000 | -0.764818 | 20 | PASS |
|            |      |      | NV | NT | 8000  | 1.529637  | 20 | PASS |
|            |      |      | LV | NT | 8000  | 1.529637  | 20 | PASS |
|            | Ant1 | 5755 | HV | NT | 8000  | 1.529637  | 20 | PASS |
|            |      |      | NV | NT | 7000  | 1.216334  | 20 | PASS |
|            |      |      | LV | NT | 8000  | 1.390096  | 20 | PASS |
|            | Ant2 | 5755 | HV | NT | 8000  | 1.390096  | 20 | PASS |
|            |      |      | NV | NT | 9000  | 1.563858  | 20 | PASS |
|            |      |      | LV | NT | 9000  | 1.563858  | 20 | PASS |
|            | Ant1 | 5795 | HV | NT | 9000  | 1.563858  | 20 | PASS |
|            |      |      | NV | NT | 9000  | 1.553063  | 20 | PASS |
|            |      |      | LV | NT | 9000  | 1.553063  | 20 | PASS |
|            | Ant2 | 5795 | HV | NT | 9000  | 1.553063  | 20 | PASS |
|            |      |      | NV | NT | 9000  | 1.553063  | 20 | PASS |
|            |      |      | LV | NT | 9000  | 1.553063  | 20 | PASS |
| 11AC80MIMO | Ant1 | 5210 | HV | NT | 10000 | 1.725626  | 20 | PASS |
|            |      |      | NV | NT | 8000  | 1.535509  | 20 | PASS |
|            |      |      | LV | NT | 8000  | 1.535509  | 20 | PASS |
|            | Ant2 | 5210 | HV | NT | 8000  | 1.535509  | 20 | PASS |
|            |      |      | NV | NT | 8000  | 1.535509  | 20 | PASS |
|            |      |      | LV | NT | 8000  | 1.535509  | 20 | PASS |
|            | Ant1 | 5775 | HV | NT | 10000 | 1.731602  | 20 | PASS |
|            |      |      | NV | NT | 10000 | 1.731602  | 20 | PASS |
|            |      |      | LV | NT | 10000 | 1.731602  | 20 | PASS |
|            | Ant2 | 5775 | HV | NT | 9000  | 1.558442  | 20 | PASS |
|            |      |      | NV | NT | 9000  | 1.558442  | 20 | PASS |
|            |      |      | LV | NT | 9000  | 1.558442  | 20 | PASS |



| Temperature |         |         |               |           |                |                 |             |         |
|-------------|---------|---------|---------------|-----------|----------------|-----------------|-------------|---------|
| Test Mode   | Antenna | Channel | Voltage [Vdc] | Temp (°C) | Deviation (Hz) | Deviation (ppm) | Limit (ppm) | Verdict |
| 11AC20MIMO  | Ant1    | 5180    | NV            | 0         | -10000         | -1.930502       | 20          | PASS    |
|             |         |         | NV            | 10        | -10000         | -1.930502       | 20          | PASS    |
|             |         |         | NV            | 20        | -10000         | -1.930502       | 20          | PASS    |
|             |         |         | NV            | 30        | -10000         | -1.930502       | 20          | PASS    |
|             |         |         | NV            | 40        | -10000         | -1.930502       | 20          | PASS    |
|             | Ant2    | 5180    | NV            | 0         | 8000           | 1.544402        | 20          | PASS    |
|             |         |         | NV            | 10        | 8000           | 1.544402        | 20          | PASS    |
|             |         |         | NV            | 20        | 8000           | 1.544402        | 20          | PASS    |
|             |         |         | NV            | 30        | 8000           | 1.544402        | 20          | PASS    |
|             |         |         | NV            | 40        | 8000           | 1.544402        | 20          | PASS    |
|             | Ant1    | 5200    | NV            | 0         | -10000         | -1.923077       | 20          | PASS    |
|             |         |         | NV            | 10        | -10000         | -1.923077       | 20          | PASS    |
|             |         |         | NV            | 20        | -10000         | -1.923077       | 20          | PASS    |
|             |         |         | NV            | 30        | -10000         | -1.923077       | 20          | PASS    |
|             |         |         | NV            | 40        | -10000         | -1.923077       | 20          | PASS    |
|             | Ant2    | 5200    | NV            | 0         | 8000           | 1.538462        | 20          | PASS    |
|             |         |         | NV            | 10        | 8000           | 1.538462        | 20          | PASS    |
|             |         |         | NV            | 20        | 8000           | 1.538462        | 20          | PASS    |
|             |         |         | NV            | 30        | 8000           | 1.538462        | 20          | PASS    |
|             |         |         | NV            | 40        | 8000           | 1.538462        | 20          | PASS    |
|             | Ant1    | 5240    | NV            | 0         | -10000         | -1.908397       | 20          | PASS    |
|             |         |         | NV            | 10        | -10000         | -1.908397       | 20          | PASS    |
|             |         |         | NV            | 20        | -9000          | -1.717557       | 20          | PASS    |
|             |         |         | NV            | 30        | -10000         | -1.908397       | 20          | PASS    |
|             |         |         | NV            | 40        | -9000          | -1.717557       | 20          | PASS    |
|             | Ant2    | 5240    | NV            | 0         | 8000           | 1.526718        | 20          | PASS    |
|             |         |         | NV            | 10        | 8000           | 1.526718        | 20          | PASS    |
|             |         |         | NV            | 20        | 7000           | 1.335878        | 20          | PASS    |
|             |         |         | NV            | 30        | 8000           | 1.526718        | 20          | PASS    |
|             |         |         | NV            | 40        | 8000           | 1.526718        | 20          | PASS    |
|             | Ant1    | 5745    | NV            | 0         | -10000         | -1.740644       | 20          | PASS    |
|             |         |         | NV            | 10        | -10000         | -1.740644       | 20          | PASS    |
|             |         |         | NV            | 20        | -10000         | -1.740644       | 20          | PASS    |
|             |         |         | NV            | 30        | -10000         | -1.740644       | 20          | PASS    |
|             |         |         | NV            | 40        | -10000         | -1.740644       | 20          | PASS    |
|             | Ant2    | 5745    | NV            | 0         | 8000           | 1.392515        | 20          | PASS    |
|             |         |         | NV            | 10        | 8000           | 1.392515        | 20          | PASS    |
|             |         |         | NV            | 20        | 9000           | 1.56658         | 20          | PASS    |
|             |         |         | NV            | 30        | 8000           | 1.392515        | 20          | PASS    |
|             |         |         | NV            | 40        | 8000           | 1.392515        | 20          | PASS    |



|            |      |      |    |    |        |           |    |      |
|------------|------|------|----|----|--------|-----------|----|------|
|            | Ant1 | 5785 | NV | 0  | -10000 | -1.728608 | 20 | PASS |
|            |      |      | NV | 10 | -10000 | -1.728608 | 20 | PASS |
|            |      |      | NV | 20 | -10000 | -1.728608 | 20 | PASS |
|            |      |      | NV | 30 | -10000 | -1.728608 | 20 | PASS |
|            |      |      | NV | 40 | -10000 | -1.728608 | 20 | PASS |
|            | Ant2 | 5785 | NV | 0  | 9000   | 1.555748  | 20 | PASS |
|            |      |      | NV | 10 | 9000   | 1.555748  | 20 | PASS |
|            |      |      | NV | 20 | 9000   | 1.555748  | 20 | PASS |
|            |      |      | NV | 30 | 9000   | 1.555748  | 20 | PASS |
|            |      |      | NV | 40 | 9000   | 1.555748  | 20 | PASS |
|            | Ant1 | 5825 | NV | 0  | -11000 | -1.888412 | 20 | PASS |
|            |      |      | NV | 10 | -11000 | -1.888412 | 20 | PASS |
|            |      |      | NV | 20 | -11000 | -1.888412 | 20 | PASS |
|            |      |      | NV | 30 | -10000 | -1.716738 | 20 | PASS |
|            |      |      | NV | 40 | -10000 | -1.716738 | 20 | PASS |
|            | Ant2 | 5825 | NV | 0  | 9000   | 1.545064  | 20 | PASS |
|            |      |      | NV | 10 | 9000   | 1.545064  | 20 | PASS |
|            |      |      | NV | 20 | 8000   | 1.373391  | 20 | PASS |
|            |      |      | NV | 30 | 9000   | 1.545064  | 20 | PASS |
|            |      |      | NV | 40 | 8000   | 1.373391  | 20 | PASS |
| 11AC40MIMO | Ant1 | 5190 | NV | 0  | -9000  | -1.734104 | 20 | PASS |
|            |      |      | NV | 10 | -9000  | -1.734104 | 20 | PASS |
|            |      |      | NV | 20 | -9000  | -1.734104 | 20 | PASS |
|            |      |      | NV | 30 | -9000  | -1.734104 | 20 | PASS |
|            |      |      | NV | 40 | -9000  | -1.734104 | 20 | PASS |
|            | Ant2 | 5190 | NV | 0  | 8000   | 1.541426  | 20 | PASS |
|            |      |      | NV | 10 | 8000   | 1.541426  | 20 | PASS |
|            |      |      | NV | 20 | 8000   | 1.541426  | 20 | PASS |
|            |      |      | NV | 30 | 8000   | 1.541426  | 20 | PASS |
|            |      |      | NV | 40 | 8000   | 1.541426  | 20 | PASS |
|            | Ant1 | 5230 | NV | 0  | 2000   | 0.382409  | 20 | PASS |
|            |      |      | NV | 10 | 3000   | 0.573614  | 20 | PASS |
|            |      |      | NV | 20 | 4000   | 0.764818  | 20 | PASS |
|            |      |      | NV | 30 | 4000   | 0.764818  | 20 | PASS |
|            |      |      | NV | 40 | 5000   | 0.956023  | 20 | PASS |
|            | Ant2 | 5230 | NV | 0  | 7000   | 1.338432  | 20 | PASS |
|            |      |      | NV | 10 | 8000   | 1.529637  | 20 | PASS |
|            |      |      | NV | 20 | 8000   | 1.529637  | 20 | PASS |
|            |      |      | NV | 30 | 8000   | 1.529637  | 20 | PASS |
|            |      |      | NV | 40 | 8000   | 1.529637  | 20 | PASS |
|            | Ant1 | 5755 | NV | 0  | 8000   | 1.390096  | 20 | PASS |
|            |      |      | NV | 10 | 8000   | 1.390096  | 20 | PASS |
|            |      |      | NV | 20 | 8000   | 1.390096  | 20 | PASS |



|            |      |      |    |    |      |          |    |      |
|------------|------|------|----|----|------|----------|----|------|
|            |      |      | NV | 30 | 8000 | 1.390096 | 20 | PASS |
|            |      |      | NV | 40 | 8000 | 1.390096 | 20 | PASS |
|            | Ant2 | 5755 | NV | 0  | 9000 | 1.563858 | 20 | PASS |
|            |      |      | NV | 10 | 9000 | 1.563858 | 20 | PASS |
|            |      |      | NV | 20 | 9000 | 1.563858 | 20 | PASS |
|            |      |      | NV | 30 | 9000 | 1.563858 | 20 | PASS |
|            |      |      | NV | 40 | 9000 | 1.563858 | 20 | PASS |
|            | Ant1 | 5795 | NV | 0  | 9000 | 1.553063 | 20 | PASS |
|            |      |      | NV | 10 | 9000 | 1.553063 | 20 | PASS |
|            |      |      | NV | 20 | 9000 | 1.553063 | 20 | PASS |
|            |      |      | NV | 30 | 9000 | 1.553063 | 20 | PASS |
|            |      |      | NV | 40 | 9000 | 1.553063 | 20 | PASS |
|            | Ant2 | 5795 | NV | 0  | 9000 | 1.553063 | 20 | PASS |
|            |      |      | NV | 10 | 9000 | 1.553063 | 20 | PASS |
|            |      |      | NV | 20 | 9000 | 1.553063 | 20 | PASS |
|            |      |      | NV | 30 | 9000 | 1.553063 | 20 | PASS |
|            |      |      | NV | 40 | 9000 | 1.553063 | 20 | PASS |
| 11AC80MIMO | Ant1 | 5210 | NV | 0  | 8000 | 1.535509 | 20 | PASS |
|            |      |      | NV | 10 | 8000 | 1.535509 | 20 | PASS |
|            |      |      | NV | 20 | 8000 | 1.535509 | 20 | PASS |
|            |      |      | NV | 30 | 8000 | 1.535509 | 20 | PASS |
|            |      |      | NV | 40 | 8000 | 1.535509 | 20 | PASS |
|            | Ant2 | 5210 | NV | 0  | 8000 | 1.535509 | 20 | PASS |
|            |      |      | NV | 10 | 8000 | 1.535509 | 20 | PASS |
|            |      |      | NV | 20 | 8000 | 1.535509 | 20 | PASS |
|            |      |      | NV | 30 | 8000 | 1.535509 | 20 | PASS |
|            |      |      | NV | 40 | 8000 | 1.535509 | 20 | PASS |
|            | Ant1 | 5775 | NV | 0  | 9000 | 1.558442 | 20 | PASS |
|            |      |      | NV | 10 | 9000 | 1.558442 | 20 | PASS |
|            |      |      | NV | 20 | 9000 | 1.558442 | 20 | PASS |
|            |      |      | NV | 30 | 9000 | 1.558442 | 20 | PASS |
|            |      |      | NV | 40 | 9000 | 1.558442 | 20 | PASS |
|            | Ant2 | 5775 | NV | 0  | 9000 | 1.558442 | 20 | PASS |
|            |      |      | NV | 10 | 9000 | 1.558442 | 20 | PASS |
|            |      |      | NV | 20 | 9000 | 1.558442 | 20 | PASS |
|            |      |      | NV | 30 | 9000 | 1.558442 | 20 | PASS |
|            |      |      | NV | 40 | 9000 | 1.558442 | 20 | PASS |



## Appendix E: Duty Cycle

### Test Result

| Test Mode  | Antenna | Channel | Transmission Duration [ms] | Transmission Period [ms] | Duty Cycle [%] | 1/T Minimum VBW (kHz) | Final setting For VBW (kHz) |
|------------|---------|---------|----------------------------|--------------------------|----------------|-----------------------|-----------------------------|
| 11A        | Ant1    | 5180    | 2.06                       | 2.15                     | 95.81          | 0.49                  | 1                           |
|            | Ant2    | 5180    | 2.07                       | 2.17                     | 95.39          | 0.48                  | 1                           |
|            | Ant1    | 5200    | 2.06                       | 2.15                     | 95.81          | 0.49                  | 1                           |
|            | Ant2    | 5200    | 2.06                       | 2.16                     | 95.37          | 0.49                  | 1                           |
|            | Ant1    | 5240    | 2.06                       | 2.15                     | 95.81          | 0.49                  | 1                           |
|            | Ant2    | 5240    | 2.06                       | 2.16                     | 95.37          | 0.49                  | 1                           |
|            | Ant1    | 5745    | 2.06                       | 2.15                     | 95.81          | 0.49                  | 1                           |
|            | Ant2    | 5745    | 2.07                       | 2.16                     | 95.83          | 0.48                  | 1                           |
|            | Ant1    | 5785    | 2.06                       | 2.15                     | 95.81          | 0.49                  | 1                           |
|            | Ant2    | 5785    | 2.06                       | 2.16                     | 95.37          | 0.49                  | 1                           |
|            | Ant1    | 5825    | 2.06                       | 2.16                     | 95.37          | 0.49                  | 1                           |
|            | Ant2    | 5825    | 2.06                       | 2.16                     | 95.37          | 0.49                  | 1                           |
| 11N20MIMO  | Ant1    | 5180    | 1.92                       | 2.02                     | 95.05          | 0.52                  | 1                           |
|            | Ant2    | 5180    | 1.93                       | 2.02                     | 95.54          | 0.52                  | 1                           |
|            | Ant1    | 5200    | 1.93                       | 2.03                     | 95.07          | 0.52                  | 1                           |
|            | Ant2    | 5200    | 1.92                       | 2.02                     | 95.05          | 0.52                  | 1                           |
|            | Ant1    | 5240    | 1.92                       | 2.02                     | 95.05          | 0.52                  | 1                           |
|            | Ant2    | 5240    | 1.93                       | 2.02                     | 95.54          | 0.52                  | 1                           |
|            | Ant1    | 5745    | 1.92                       | 2.01                     | 95.52          | 0.52                  | 1                           |
|            | Ant2    | 5745    | 1.92                       | 2.02                     | 95.05          | 0.52                  | 1                           |
|            | Ant1    | 5785    | 1.93                       | 2.02                     | 95.54          | 0.52                  | 1                           |
|            | Ant2    | 5785    | 1.93                       | 2.02                     | 95.54          | 0.52                  | 1                           |
|            | Ant1    | 5825    | 1.92                       | 2.02                     | 95.05          | 0.52                  | 1                           |
|            | Ant2    | 5825    | 1.92                       | 2.02                     | 95.05          | 0.52                  | 1                           |
| 11N40MIMO  | Ant1    | 5190    | 0.95                       | 1.05                     | 90.48          | 1.05                  | 3                           |
|            | Ant2    | 5190    | 0.95                       | 1.05                     | 90.48          | 1.05                  | 3                           |
|            | Ant1    | 5230    | 0.95                       | 1.04                     | 91.35          | 1.05                  | 3                           |
|            | Ant2    | 5230    | 0.94                       | 1.04                     | 90.38          | 1.06                  | 3                           |
|            | Ant1    | 5755    | 0.95                       | 1.05                     | 90.48          | 1.05                  | 3                           |
|            | Ant2    | 5755    | 0.95                       | 1.04                     | 91.35          | 1.05                  | 3                           |
|            | Ant1    | 5795    | 0.95                       | 1.04                     | 91.35          | 1.05                  | 3                           |
|            | Ant2    | 5795    | 0.94                       | 1.04                     | 90.38          | 1.06                  | 3                           |
| 11AC20MIMO | Ant1    | 5180    | 1.93                       | 2.03                     | 95.07          | 0.52                  | 1                           |
|            | Ant2    | 5180    | 1.93                       | 2.02                     | 95.54          | 0.52                  | 1                           |

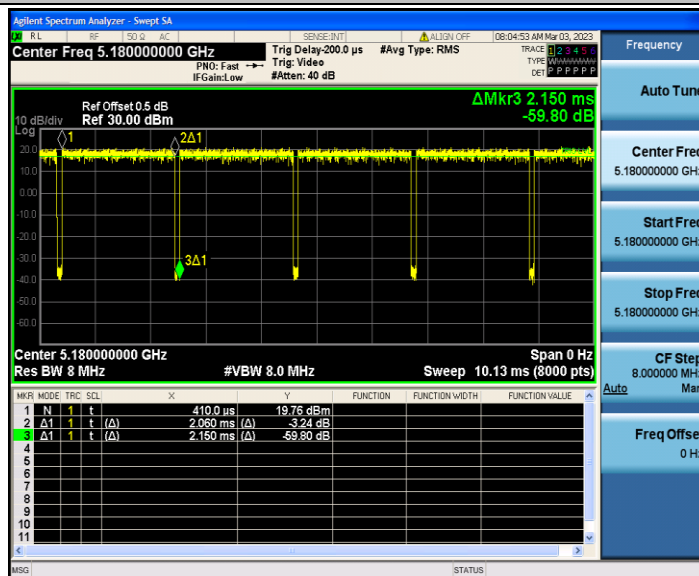


|            |      |      |      |      |       |      |   |
|------------|------|------|------|------|-------|------|---|
|            | Ant1 | 5200 | 1.93 | 2.03 | 95.07 | 0.52 | 1 |
|            | Ant2 | 5200 | 1.93 | 2.03 | 95.07 | 0.52 | 1 |
|            | Ant1 | 5240 | 1.93 | 2.03 | 95.07 | 0.52 | 1 |
|            | Ant2 | 5240 | 1.93 | 2.03 | 95.07 | 0.52 | 1 |
|            | Ant1 | 5745 | 1.93 | 2.03 | 95.07 | 0.52 | 1 |
|            | Ant2 | 5745 | 1.93 | 2.03 | 95.07 | 0.52 | 1 |
|            | Ant1 | 5785 | 1.93 | 2.03 | 95.07 | 0.52 | 1 |
|            | Ant2 | 5785 | 1.93 | 2.03 | 95.07 | 0.52 | 1 |
|            | Ant1 | 5825 | 1.93 | 2.02 | 95.54 | 0.52 | 1 |
|            | Ant2 | 5825 | 1.94 | 2.03 | 95.57 | 0.52 | 1 |
| 11AC40MIMO | Ant1 | 5190 | 0.95 | 1.05 | 90.48 | 1.05 | 3 |
|            | Ant2 | 5190 | 0.96 | 1.05 | 91.43 | 1.04 | 3 |
|            | Ant1 | 5230 | 0.95 | 1.05 | 90.48 | 1.05 | 3 |
|            | Ant2 | 5230 | 0.95 | 1.05 | 90.48 | 1.05 | 3 |
|            | Ant1 | 5755 | 0.95 | 1.04 | 91.35 | 1.05 | 3 |
|            | Ant2 | 5755 | 0.95 | 1.05 | 90.48 | 1.05 | 3 |
|            | Ant1 | 5795 | 0.96 | 1.05 | 91.43 | 1.04 | 3 |
|            | Ant2 | 5795 | 0.95 | 1.05 | 90.48 | 1.05 | 3 |
| 11AC80MIMO | Ant1 | 5210 | 0.46 | 0.56 | 82.14 | 2.17 | 3 |
|            | Ant2 | 5210 | 0.46 | 0.55 | 83.64 | 2.17 | 3 |
|            | Ant1 | 5775 | 0.46 | 0.55 | 83.64 | 2.17 | 3 |
|            | Ant2 | 5775 | 0.47 | 0.56 | 83.93 | 2.13 | 3 |

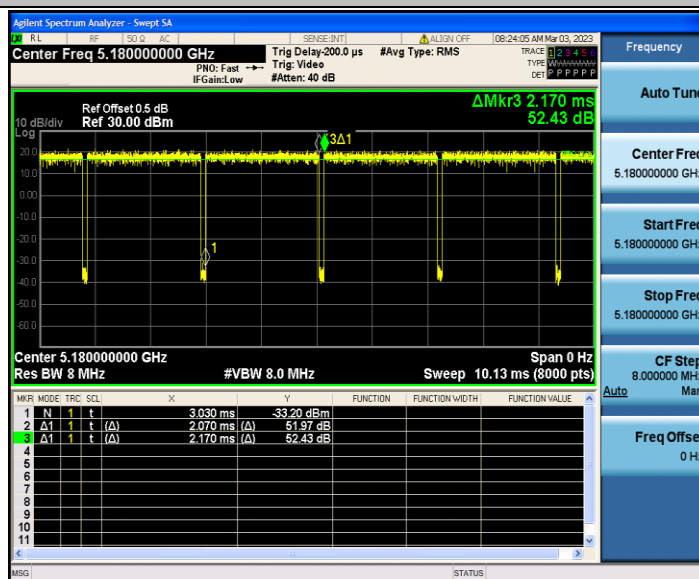


## Test Graphs

11A\_Ant1\_5180



11A\_Ant2\_5180



11A\_Ant1\_5200