

## Appendix D: Maximum power spectral density

### Ant 1

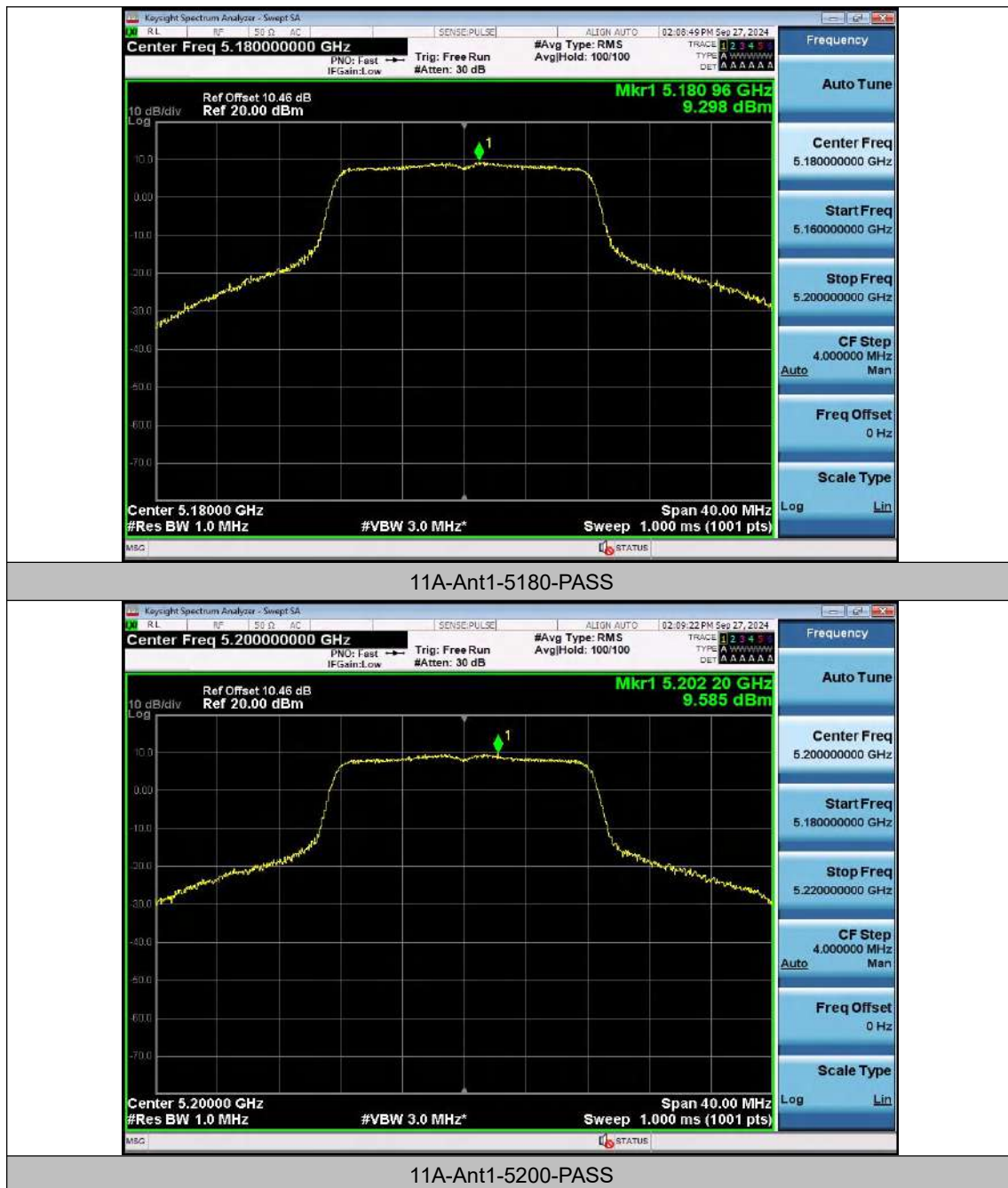
#### Test Result

| Test Mode  | Antenna | Frequency[MHz] | Result [dBm/MHz] | Limit[dBm/MHz] | Verdict |
|------------|---------|----------------|------------------|----------------|---------|
| 11A        | Ant1    | 5180           | 9.30             | ≤11.00         | PASS    |
| 11A        | Ant1    | 5200           | 9.59             | ≤11.00         | PASS    |
| 11A        | Ant1    | 5240           | 8.46             | ≤11.00         | PASS    |
| 11A        | Ant1    | 5260           | 9.92             | ≤11.00         | PASS    |
| 11A        | Ant1    | 5280           | 10.67            | ≤11.00         | PASS    |
| 11A        | Ant1    | 5320           | 9.02             | ≤11.00         | PASS    |
| 11A        | Ant1    | 5500           | 10.52            | ≤11.00         | PASS    |
| 11A        | Ant1    | 5580           | 9.51             | ≤11.00         | PASS    |
| 11A        | Ant1    | 5700           | 9.59             | ≤11.00         | PASS    |
| 11A        | Ant1    | 5745           | 12.99            | ≤30.00         | PASS    |
| 11A        | Ant1    | 5785           | 12.33            | ≤30.00         | PASS    |
| 11A        | Ant1    | 5825           | 11.47            | ≤30.00         | PASS    |
| 11N20SISO  | Ant1    | 5180           | 5.19             | ≤11.00         | PASS    |
| 11N20SISO  | Ant1    | 5200           | 5.49             | ≤11.00         | PASS    |
| 11N20SISO  | Ant1    | 5240           | 4.72             | ≤11.00         | PASS    |
| 11N20SISO  | Ant1    | 5260           | 5.27             | ≤11.00         | PASS    |
| 11N20SISO  | Ant1    | 5280           | 5.87             | ≤11.00         | PASS    |
| 11N20SISO  | Ant1    | 5320           | 4.42             | ≤11.00         | PASS    |
| 11N20SISO  | Ant1    | 5500           | 5.91             | ≤11.00         | PASS    |
| 11N20SISO  | Ant1    | 5580           | 4.78             | ≤11.00         | PASS    |
| 11N20SISO  | Ant1    | 5700           | 5.22             | ≤11.00         | PASS    |
| 11N20SISO  | Ant1    | 5745           | 11.54            | ≤30.00         | PASS    |
| 11N20SISO  | Ant1    | 5785           | 10.96            | ≤30.00         | PASS    |
| 11N20SISO  | Ant1    | 5825           | 9.59             | ≤30.00         | PASS    |
| 11N40SISO  | Ant1    | 5190           | 6.31             | ≤11.00         | PASS    |
| 11N40SISO  | Ant1    | 5230           | 5.64             | ≤11.00         | PASS    |
| 11N40SISO  | Ant1    | 5270           | 6.63             | ≤11.00         | PASS    |
| 11N40SISO  | Ant1    | 5310           | 5.39             | ≤11.00         | PASS    |
| 11N40SISO  | Ant1    | 5510           | 6.33             | ≤11.00         | PASS    |
| 11N40SISO  | Ant1    | 5550           | 5.78             | ≤11.00         | PASS    |
| 11N40SISO  | Ant1    | 5670           | 6.12             | ≤11.00         | PASS    |
| 11N40SISO  | Ant1    | 5755           | 9.36             | ≤30.00         | PASS    |
| 11N40SISO  | Ant1    | 5795           | 8.22             | ≤30.00         | PASS    |
| 11AC20SISO | Ant1    | 5180           | 5.59             | ≤11.00         | PASS    |
| 11AC20SISO | Ant1    | 5200           | 5.66             | ≤11.00         | PASS    |
| 11AC20SISO | Ant1    | 5240           | 4.55             | ≤11.00         | PASS    |

|             |      |              |       |        |      |
|-------------|------|--------------|-------|--------|------|
| 11AC20SISO  | Ant1 | 5260         | 5.36  | ≤11.00 | PASS |
| 11AC20SISO  | Ant1 | 5280         | 5.71  | ≤11.00 | PASS |
| 11AC20SISO  | Ant1 | 5320         | 4.30  | ≤11.00 | PASS |
| 11AC20SISO  | Ant1 | 5500         | 5.97  | ≤11.00 | PASS |
| 11AC20SISO  | Ant1 | 5580         | 4.84  | ≤11.00 | PASS |
| 11AC20SISO  | Ant1 | 5700         | 5.12  | ≤11.00 | PASS |
| 11AC20SISO  | Ant1 | 5745         | 10.52 | ≤30.00 | PASS |
| 11AC20SISO  | Ant1 | 5785         | 9.82  | ≤30.00 | PASS |
| 11AC20SISO  | Ant1 | 5825         | 8.53  | ≤30.00 | PASS |
| 11AC40SISO  | Ant1 | 5190         | 5.34  | ≤11.00 | PASS |
| 11AC40SISO  | Ant1 | 5230         | 5.59  | ≤11.00 | PASS |
| 11AC40SISO  | Ant1 | 5270         | 6.02  | ≤11.00 | PASS |
| 11AC40SISO  | Ant1 | 5310         | 4.58  | ≤11.00 | PASS |
| 11AC40SISO  | Ant1 | 5510         | 6.14  | ≤11.00 | PASS |
| 11AC40SISO  | Ant1 | 5550         | 6.19  | ≤11.00 | PASS |
| 11AC40SISO  | Ant1 | 5670         | 5.50  | ≤11.00 | PASS |
| 11AC40SISO  | Ant1 | 5755         | 8.49  | ≤30.00 | PASS |
| 11AC40SISO  | Ant1 | 5795         | 7.43  | ≤30.00 | PASS |
| 11AC80SISO  | Ant1 | 5210         | 4.57  | ≤11.00 | PASS |
| 11AC80SISO  | Ant1 | 5290         | 3.88  | ≤11.00 | PASS |
| 11AC80SISO  | Ant1 | 5530         | 4.44  | ≤11.00 | PASS |
| 11AC80SISO  | Ant1 | 5610         | 4.33  | ≤11.00 | PASS |
| 11AC80SISO  | Ant1 | 5775         | 9.12  | ≤30.00 | PASS |
| 11AC160SISO | Ant1 | 5250_UNII-1  | 3.62  | ≤11.00 | PASS |
| 11AC160SISO | Ant1 | 5250_UNII-2A | 3.60  | ≤11.00 | PASS |
| 11AC160SISO | Ant1 | 5570         | 1.42  | ≤11.00 | PASS |
| 11AX20SISO  | Ant1 | 5180         | 5.61  | ≤11.00 | PASS |
| 11AX20SISO  | Ant1 | 5200         | 6.07  | ≤11.00 | PASS |
| 11AX20SISO  | Ant1 | 5240         | 4.87  | ≤11.00 | PASS |
| 11AX20SISO  | Ant1 | 5260         | 5.26  | ≤11.00 | PASS |
| 11AX20SISO  | Ant1 | 5280         | 6.05  | ≤11.00 | PASS |
| 11AX20SISO  | Ant1 | 5320         | 3.78  | ≤11.00 | PASS |
| 11AX20SISO  | Ant1 | 5500         | 3.98  | ≤11.00 | PASS |
| 11AX20SISO  | Ant1 | 5580         | 3.09  | ≤11.00 | PASS |
| 11AX20SISO  | Ant1 | 5700         | 5.54  | ≤11.00 | PASS |
| 11AX20SISO  | Ant1 | 5745         | 11.24 | ≤30.00 | PASS |
| 11AX20SISO  | Ant1 | 5785         | 9.81  | ≤30.00 | PASS |
| 11AX20SISO  | Ant1 | 5825         | 8.89  | ≤30.00 | PASS |
| 11AX40SISO  | Ant1 | 5190         | 5.11  | ≤11.00 | PASS |
| 11AX40SISO  | Ant1 | 5230         | 4.42  | ≤11.00 | PASS |
| 11AX40SISO  | Ant1 | 5270         | 5.55  | ≤11.00 | PASS |
| 11AX40SISO  | Ant1 | 5310         | 5.27  | ≤11.00 | PASS |
| 11AX40SISO  | Ant1 | 5510         | 5.88  | ≤11.00 | PASS |

|             |      |              |      |        |      |
|-------------|------|--------------|------|--------|------|
| 11AX40SISO  | Ant1 | 5550         | 6.24 | ≤11.00 | PASS |
| 11AX40SISO  | Ant1 | 5670         | 5.43 | ≤11.00 | PASS |
| 11AX40SISO  | Ant1 | 5755         | 9.07 | ≤30.00 | PASS |
| 11AX40SISO  | Ant1 | 5795         | 8.27 | ≤30.00 | PASS |
| 11AX80SISO  | Ant1 | 5210         | 2.20 | ≤11.00 | PASS |
| 11AX80SISO  | Ant1 | 5290         | 2.23 | ≤11.00 | PASS |
| 11AX80SISO  | Ant1 | 5530         | 2.97 | ≤11.00 | PASS |
| 11AX80SISO  | Ant1 | 5610         | 2.60 | ≤11.00 | PASS |
| 11AX80SISO  | Ant1 | 5775         | 6.58 | ≤30.00 | PASS |
| 11AX160SISO | Ant1 | 5250_UNII-1  | 2.17 | ≤11.00 | PASS |
| 11AX160SISO | Ant1 | 5250_UNII-2A | 2.83 | ≤11.00 | PASS |
| 11AX160SISO | Ant1 | 5570         | 0.39 | ≤11.00 | PASS |

## Test Graphs





11A-Ant1-5240-PASS



11A-Ant1-5260-PASS



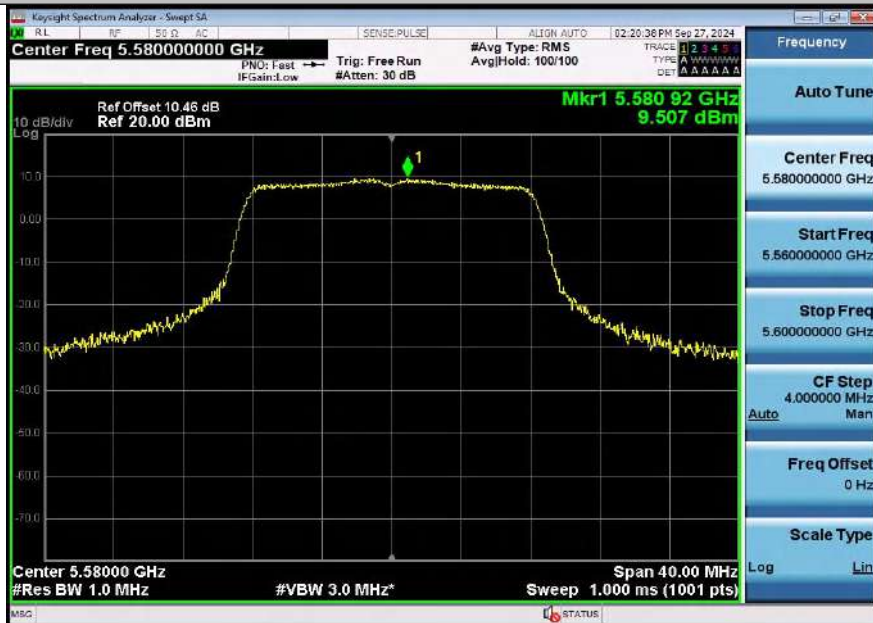
11A-Ant1-5280-PASS



11A-Ant1-5320-PASS



11A-Ant1-5500-PASS



11A-Ant1-5580-PASS



11A-Ant1-5700-PASS



11A-Ant1-5745-PASS



11A-Ant1-5785-PASS



11A-Ant1-5825-PASS



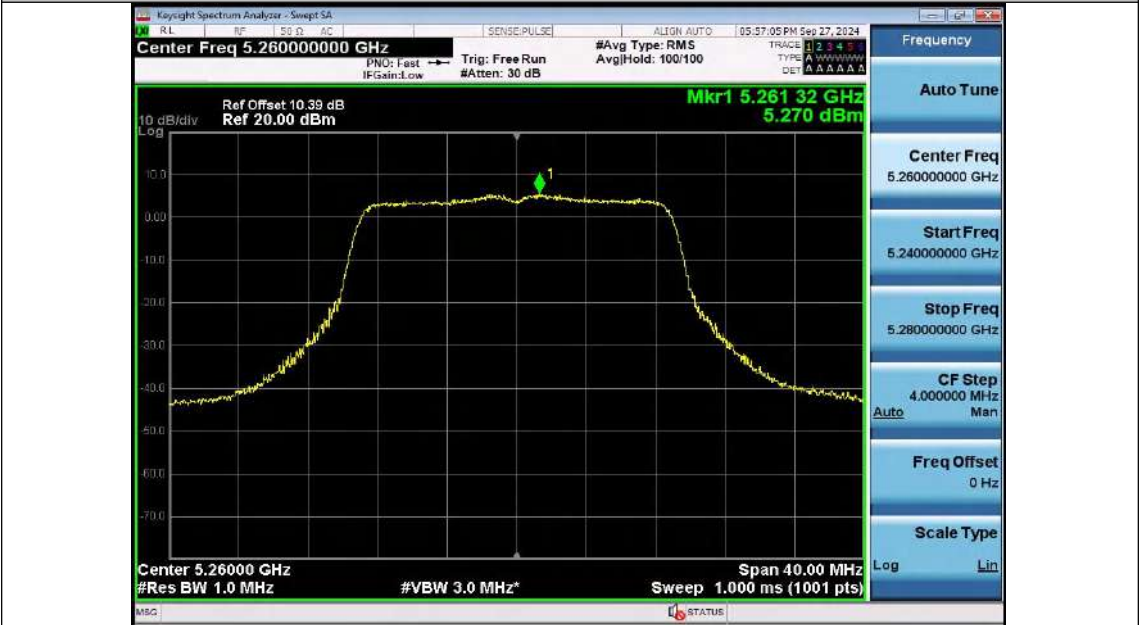
11N20SISO-Ant1-5180-PASS



11N20SISO-Ant1-5200-PASS



11N20SISO-Ant1-5240-PASS



11N20SISO-Ant1-5260-PASS



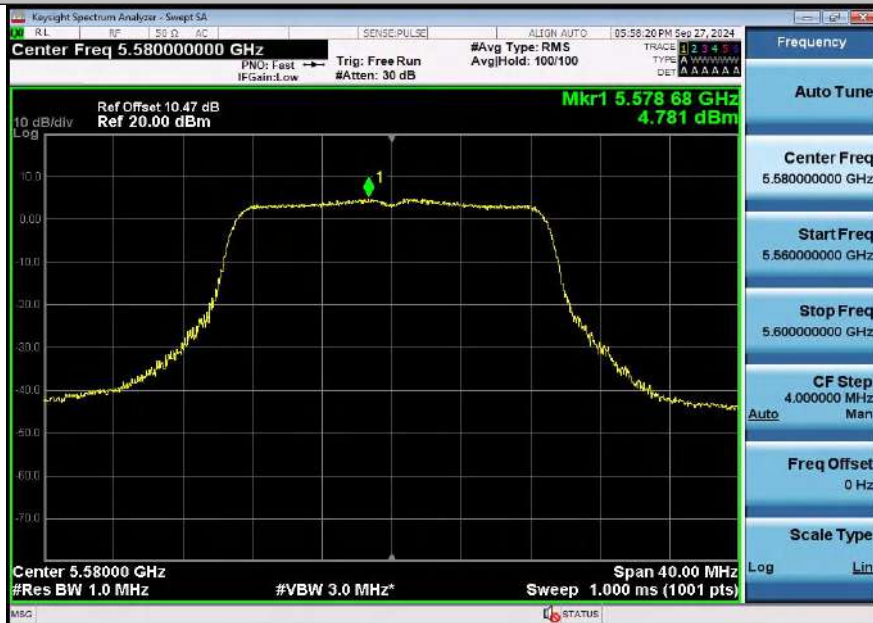
11N20SISO-Ant1-5280-PASS



11N20SISO-Ant1-5320-PASS



11N20SISO-Ant1-5500-PASS



11N20SISO-Ant1-5580-PASS



11N20SISO-Ant1-5700-PASS



11N20SISO-Ant1-5745-PASS



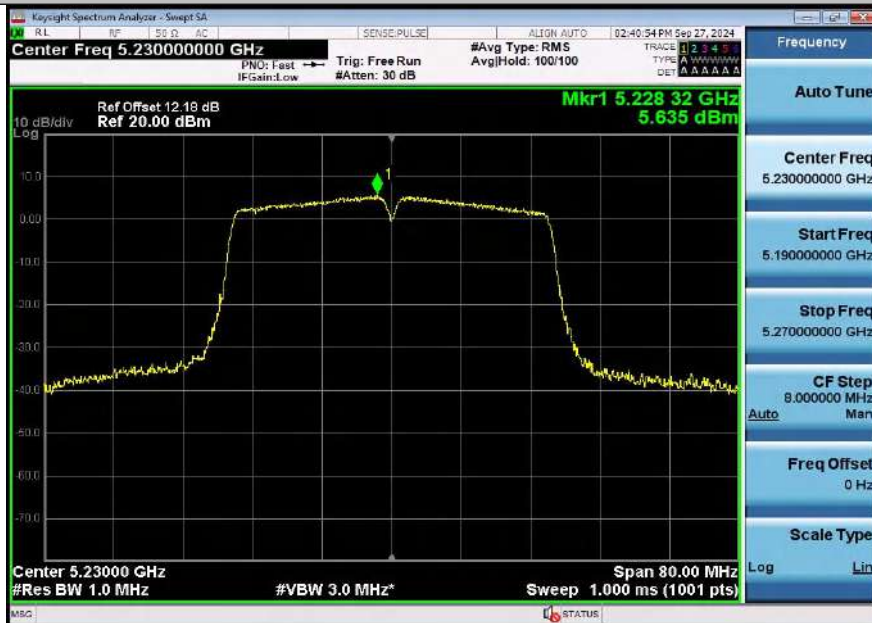
11N20SISO-Ant1-5785-PASS



11N20SISO-Ant1-5825-PASS



11N40SISO-Ant1-5190-PASS



11N40SISO-Ant1-5230-PASS



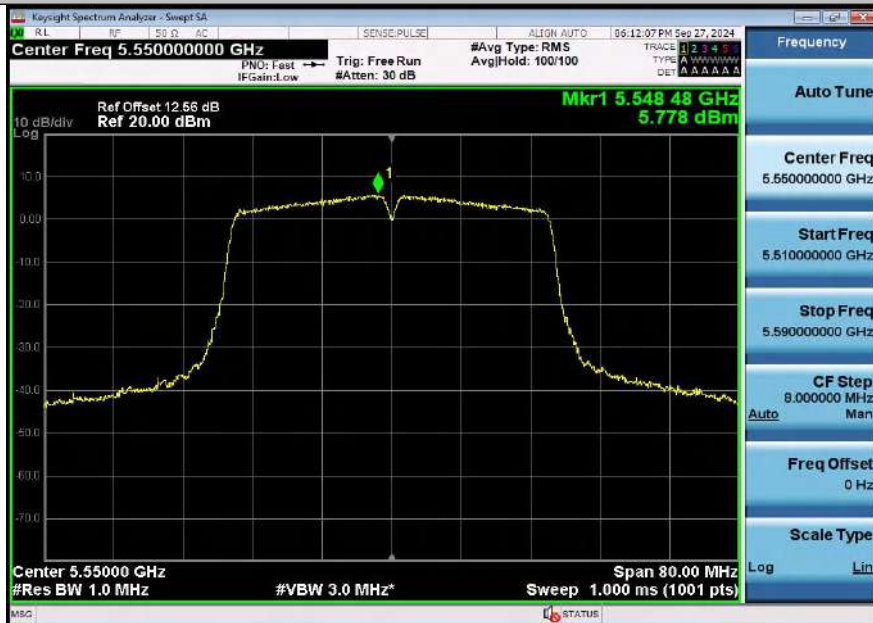
11N40SISO-Ant1-5270-PASS



11N40SISO-Ant1-5310-PASS



11N40SISO-Ant1-5510-PASS



11N40SISO-Ant1-5550-PASS



11N40SISO-Ant1-5670-PASS



11N40SISO-Ant1-5755-PASS



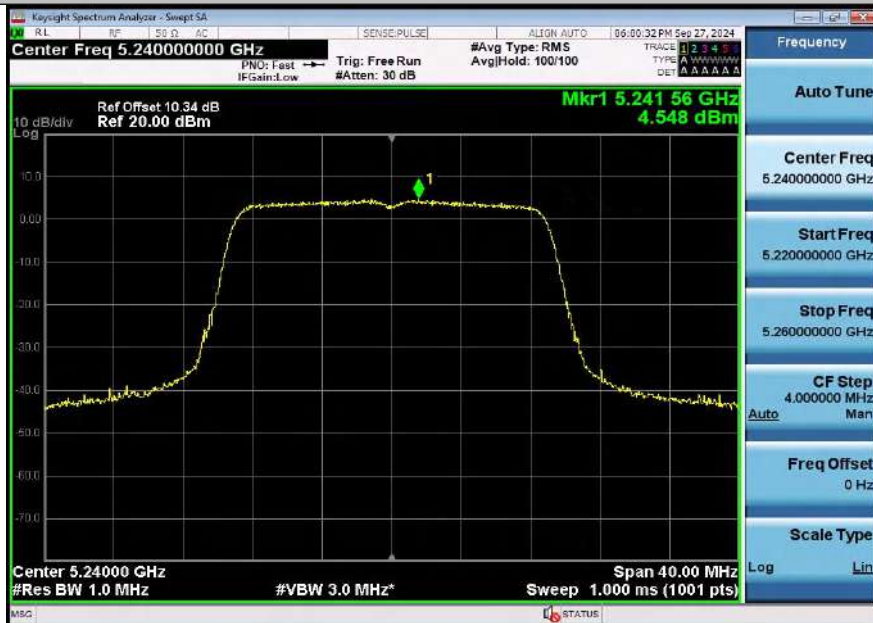
11N40SISO-Ant1-5795-PASS



11AC20SISO-Ant1-5180-PASS



11AC20SISO-Ant1-5200-PASS



11AC20SISO-Ant1-5240-PASS



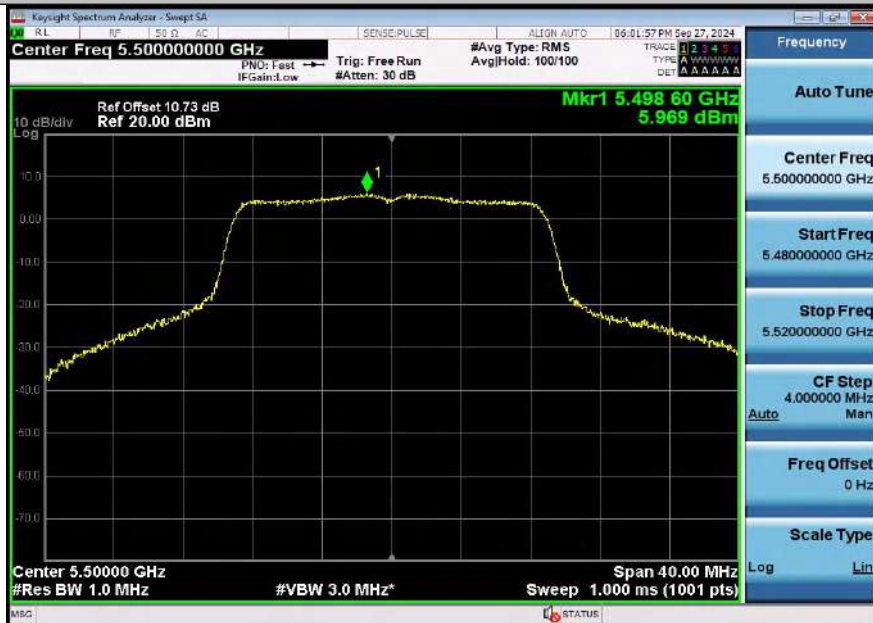
11AC20SISO-Ant1-5260-PASS



11AC20SISO-Ant1-5280-PASS



11AC20SISO-Ant1-5320-PASS



11AC20SISO-Ant1-5500-PASS



11AC20SISO-Ant1-5580-PASS



11AC20SISO-Ant1-5700-PASS



11AC20SISO-Ant1-5745-PASS



11AC20SISO-Ant1-5785-PASS



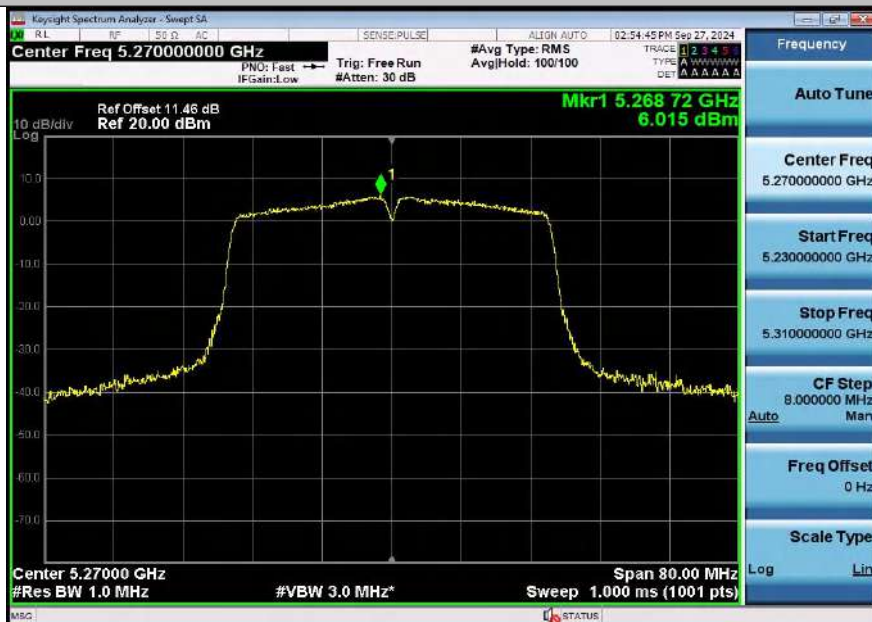
11AC20SISO-Ant1-5825-PASS



11AC40SISO-Ant1-5190-PASS



11AC40SISO-Ant1-5230-PASS



11AC40SISO-Ant1-5270-PASS



11AC40SISO-Ant1-5310-PASS



11AC40SISO-Ant1-5510-PASS



11AC40SISO-Ant1-5550-PASS



11AC40SISO-Ant1-5670-PASS



11AC40SISO-Ant1-5755-PASS



11AC40SISO-Ant1-5795-PASS



11AC80SISO-Ant1-5210-PASS



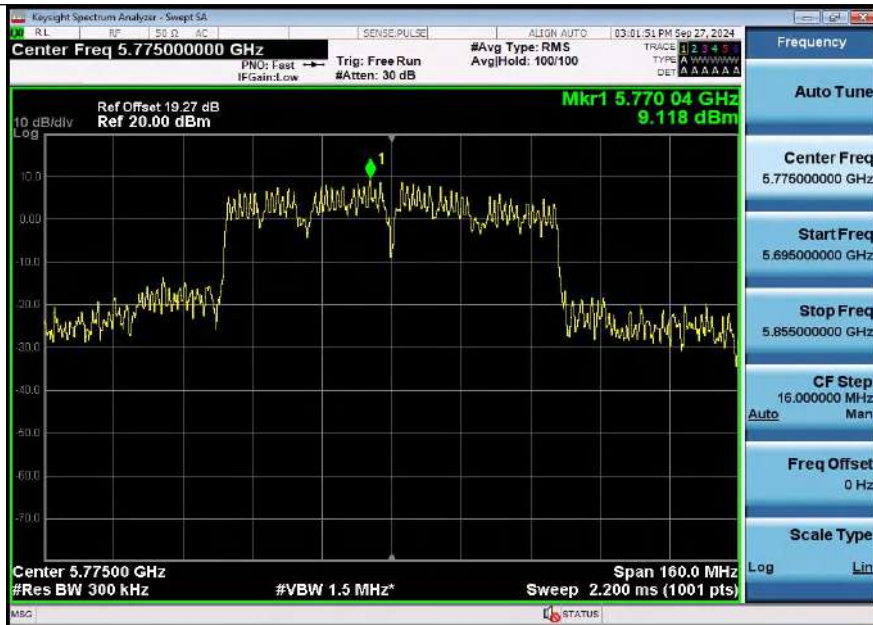
11AC80SISO-Ant1-5290-PASS



11AC80SISO-Ant1-5530-PASS



11AC80SISO-Ant1-5610-PASS



11AC80SISO-Ant1-5775-PASS



11AC160SISO-Ant1-5250\_UNII-1-PASS



11AC160SISO-Ant1-5250\_UNII-2A-PASS



11AC160SISO-Ant1-5570-PASS



11AX20SISO-Ant1-5180-PASS



11AX20SISO-Ant1-5200-PASS



11AX20SISO-Ant1-5240-PASS



11AX20SISO-Ant1-5260-PASS



11AX20SISO-Ant1-5280-PASS



11AX20SISO-Ant1-5320-PASS



11AX20SISO-Ant1-5500-PASS



11AX20SISO-Ant1-5580-PASS



11AX20SISO-Ant1-5700-PASS



11AX20SISO-Ant1-5745-PASS



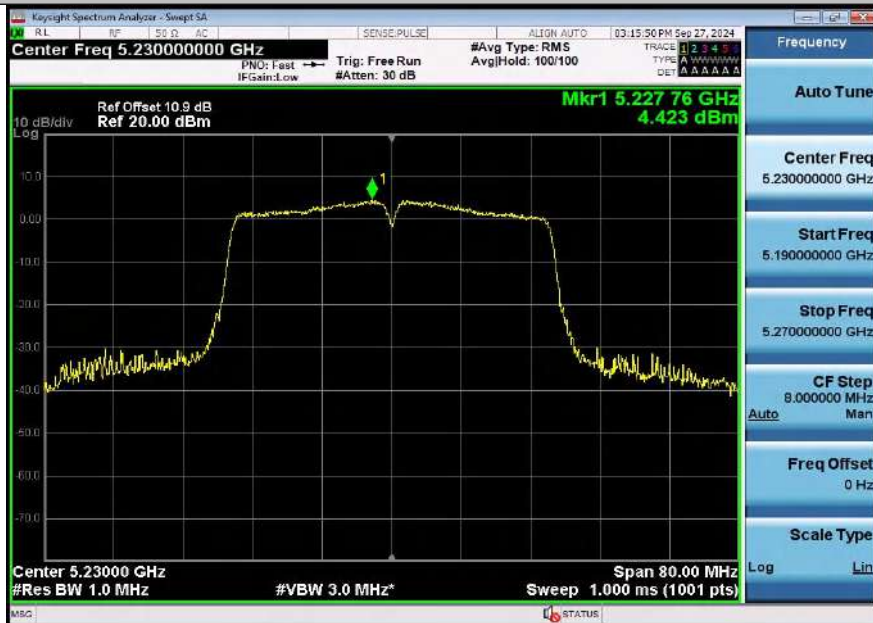
11AX20SISO-Ant1-5785-PASS



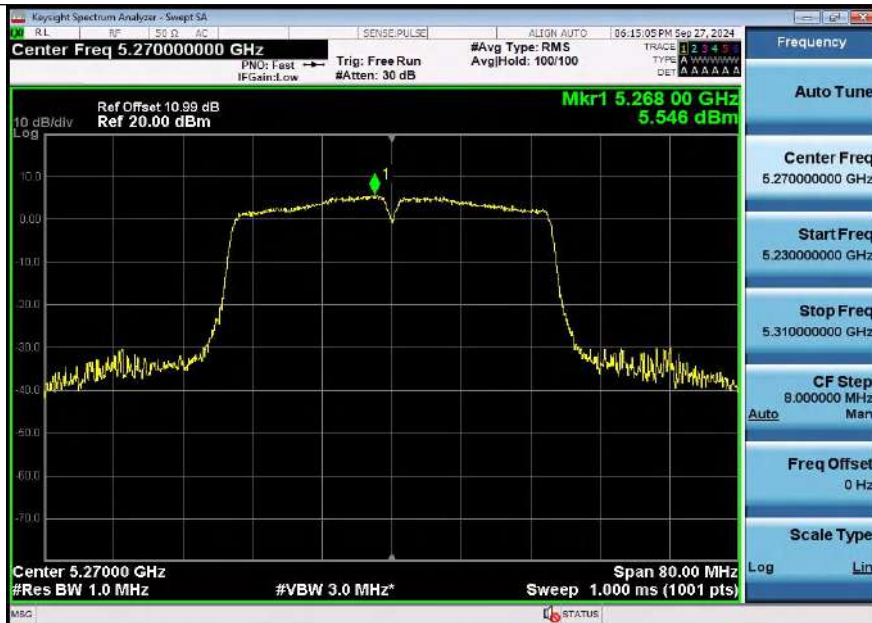
11AX20SISO-Ant1-5825-PASS



11AX40SISO-Ant1-5190-PASS



11AX40SISO-Ant1-5230-PASS



11AX40SISO-Ant1-5270-PASS



11AX40SISO-Ant1-5310-PASS



11AX40SISO-Ant1-5510-PASS



11AX40SISO-Ant1-5550-PASS



11AX40SISO-Ant1-5670-PASS



11AX40SISO-Ant1-5755-PASS



11AX40SISO-Ant1-5795-PASS



11AX80SISO-Ant1-5210-PASS



11AX80SISO-Ant1-5290-PASS



11AX80SISO-Ant1-5530-PASS



11AX80SISO-Ant1-5610-PASS



11AX80SISO-Ant1-5775-PASS



11AX160SISO-Ant1-5250\_UNII-1-PASS



11AX160SISO-Ant1-5250\_UNII-2A-PASS



## Ant 2

### Test Result

| Test Mode  | Antenna | Frequency[MHz] | Result [dBm/MHz] | Limit[dBm/MHz] | Verdict |
|------------|---------|----------------|------------------|----------------|---------|
| 11A        | Ant2    | 5180           | 9.98             | ≤11.00         | PASS    |
| 11A        | Ant2    | 5200           | 9.50             | ≤11.00         | PASS    |
| 11A        | Ant2    | 5240           | 9.83             | ≤11.00         | PASS    |
| 11A        | Ant2    | 5260           | 10.08            | ≤11.00         | PASS    |
| 11A        | Ant2    | 5280           | 10.61            | ≤11.00         | PASS    |
| 11A        | Ant2    | 5320           | 9.49             | ≤11.00         | PASS    |
| 11A        | Ant2    | 5500           | 9.51             | ≤11.00         | PASS    |
| 11A        | Ant2    | 5580           | 10.10            | ≤11.00         | PASS    |
| 11A        | Ant2    | 5700           | 10.28            | ≤11.00         | PASS    |
| 11A        | Ant2    | 5745           | 12.99            | ≤30.00         | PASS    |
| 11A        | Ant2    | 5785           | 11.83            | ≤30.00         | PASS    |
| 11A        | Ant2    | 5825           | 11.71            | ≤30.00         | PASS    |
| 11N20SISO  | Ant2    | 5180           | 5.02             | ≤11.00         | PASS    |
| 11N20SISO  | Ant2    | 5200           | 4.91             | ≤11.00         | PASS    |
| 11N20SISO  | Ant2    | 5240           | 4.93             | ≤11.00         | PASS    |
| 11N20SISO  | Ant2    | 5260           | 5.51             | ≤11.00         | PASS    |
| 11N20SISO  | Ant2    | 5280           | 5.72             | ≤11.00         | PASS    |
| 11N20SISO  | Ant2    | 5320           | 4.30             | ≤11.00         | PASS    |
| 11N20SISO  | Ant2    | 5500           | 4.75             | ≤11.00         | PASS    |
| 11N20SISO  | Ant2    | 5580           | 4.97             | ≤11.00         | PASS    |
| 11N20SISO  | Ant2    | 5700           | 5.40             | ≤11.00         | PASS    |
| 11N20SISO  | Ant2    | 5745           | 11.06            | ≤30.00         | PASS    |
| 11N20SISO  | Ant2    | 5785           | 10.13            | ≤30.00         | PASS    |
| 11N20SISO  | Ant2    | 5825           | 10.82            | ≤30.00         | PASS    |
| 11N40SISO  | Ant2    | 5190           | 5.32             | ≤11.00         | PASS    |
| 11N40SISO  | Ant2    | 5230           | 5.48             | ≤11.00         | PASS    |
| 11N40SISO  | Ant2    | 5270           | 6.24             | ≤11.00         | PASS    |
| 11N40SISO  | Ant2    | 5310           | 5.51             | ≤11.00         | PASS    |
| 11N40SISO  | Ant2    | 5510           | 5.78             | ≤11.00         | PASS    |
| 11N40SISO  | Ant2    | 5550           | 5.53             | ≤11.00         | PASS    |
| 11N40SISO  | Ant2    | 5670           | 5.77             | ≤11.00         | PASS    |
| 11N40SISO  | Ant2    | 5755           | 8.22             | ≤30.00         | PASS    |
| 11N40SISO  | Ant2    | 5795           | 6.98             | ≤30.00         | PASS    |
| 11AC20SISO | Ant2    | 5180           | 5.58             | ≤11.00         | PASS    |
| 11AC20SISO | Ant2    | 5200           | 5.45             | ≤11.00         | PASS    |
| 11AC20SISO | Ant2    | 5240           | 5.60             | ≤11.00         | PASS    |
| 11AC20SISO | Ant2    | 5260           | 4.99             | ≤11.00         | PASS    |
| 11AC20SISO | Ant2    | 5280           | 5.40             | ≤11.00         | PASS    |