



Shenzhen GUOREN Certification Technology Service Co., Ltd.

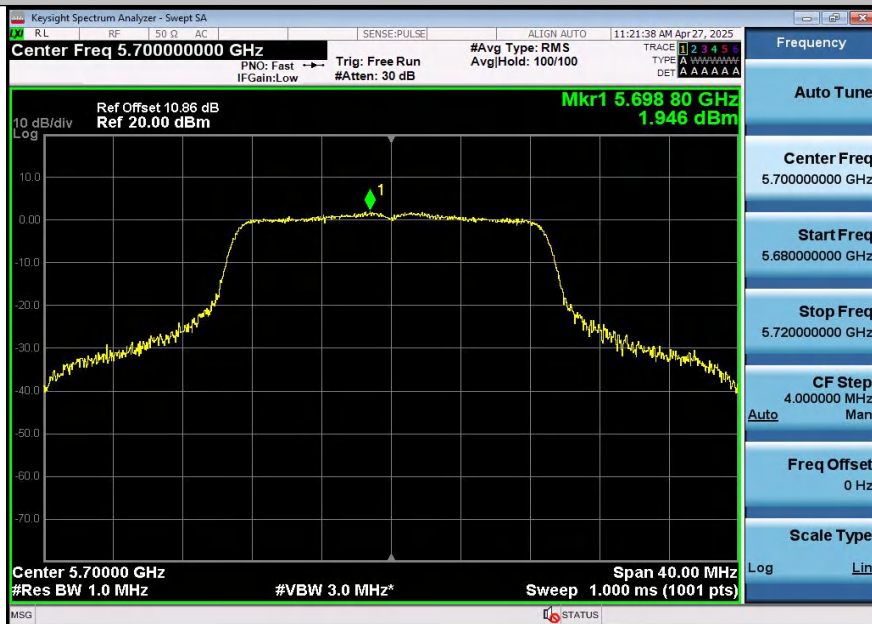
101#, Building K & Building T, The Second Industrial Zone, Jiazitang Community,  
Fenghuang Street, Guangming District, Shenzhen, China

FCC ID:SMC-T91A

GRCTR250302048-04



11AC20SISO-Ant1-5580-PASS



11AC20SISO-Ant1-5700-PASS



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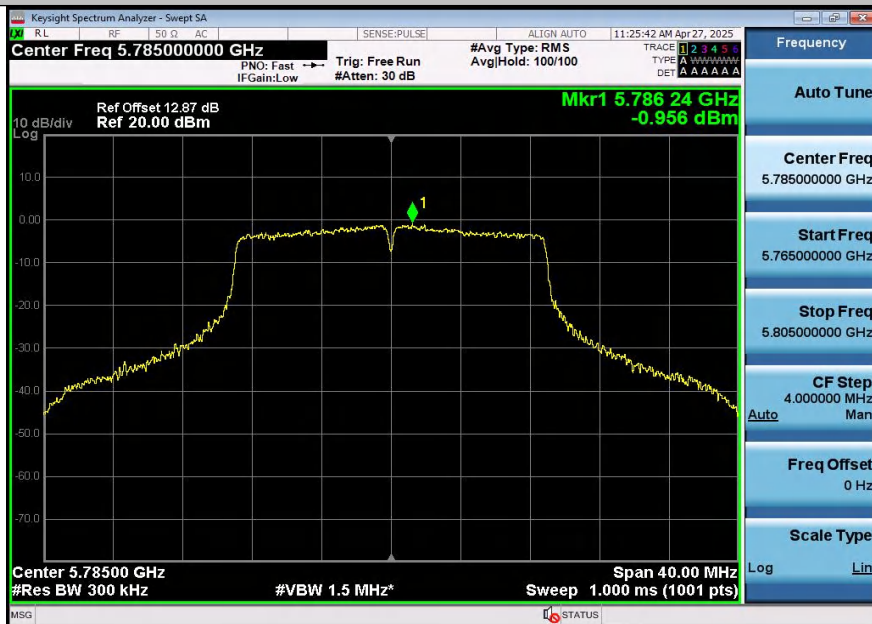
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11AC20SISO-Ant1-5745-PASS



11AC20SISO-Ant1-5785-PASS



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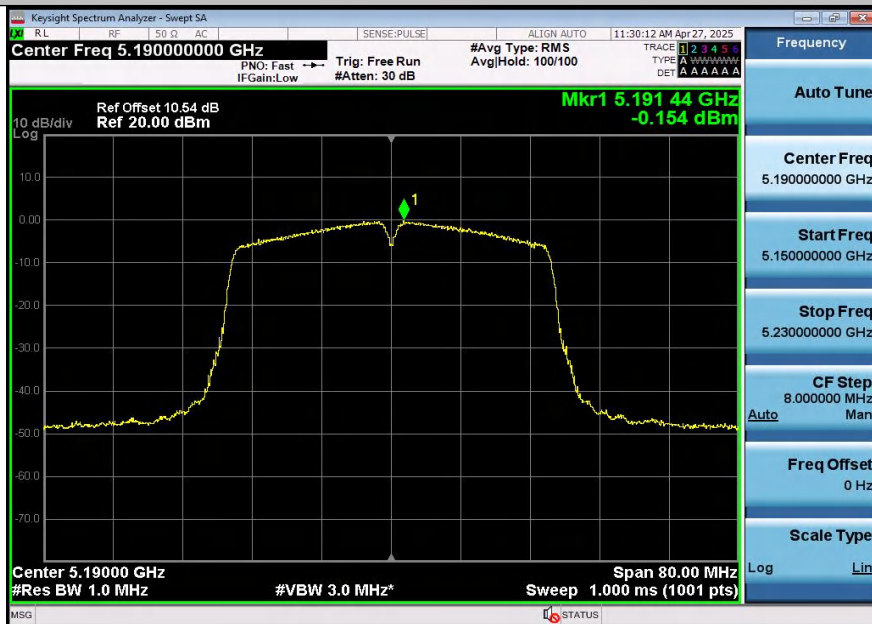
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11AC20SISO-Ant1-5825-PASS



11AC40SISO-Ant1-5190-PASS

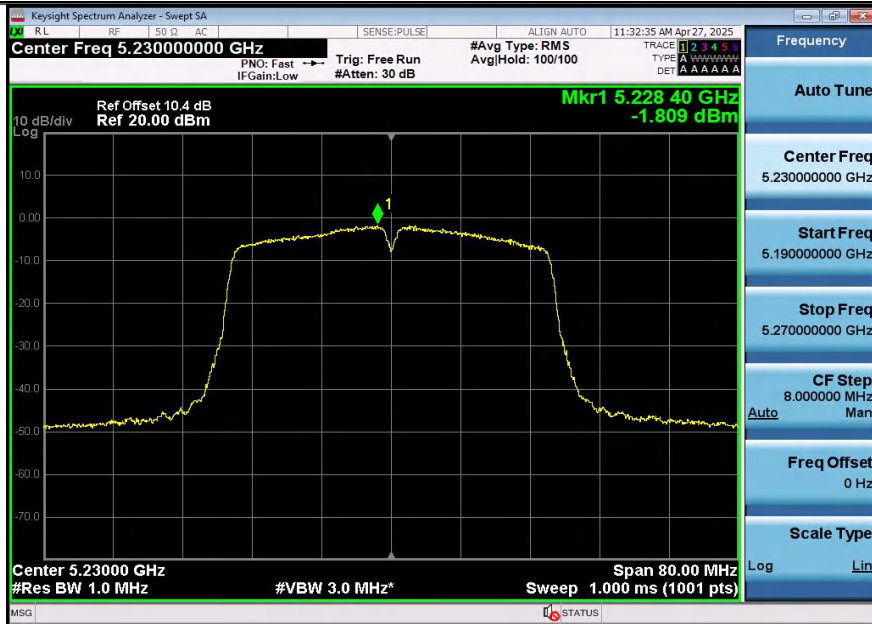


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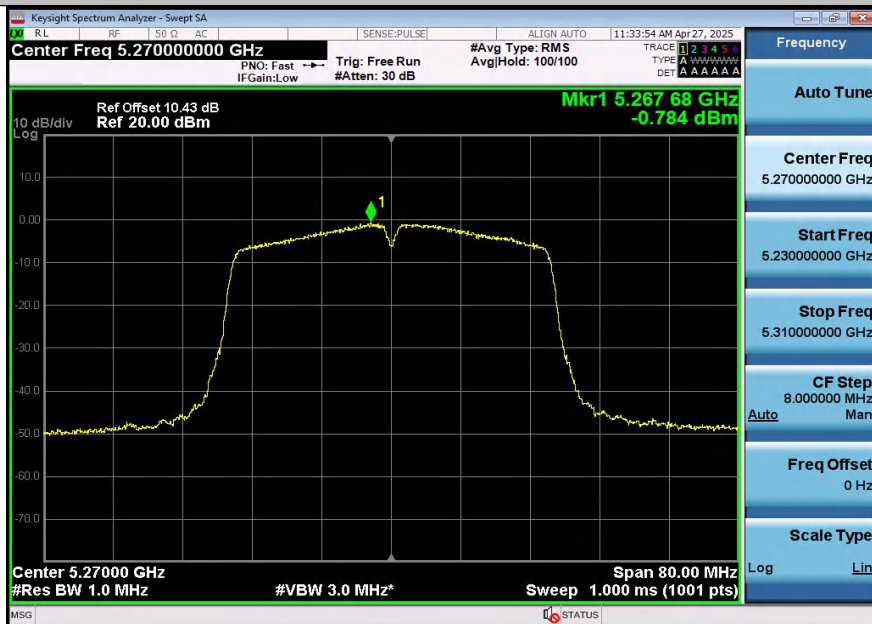
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11AC40SISO-Ant1-5230-PASS



11AC40SISO-Ant1-5270-PASS

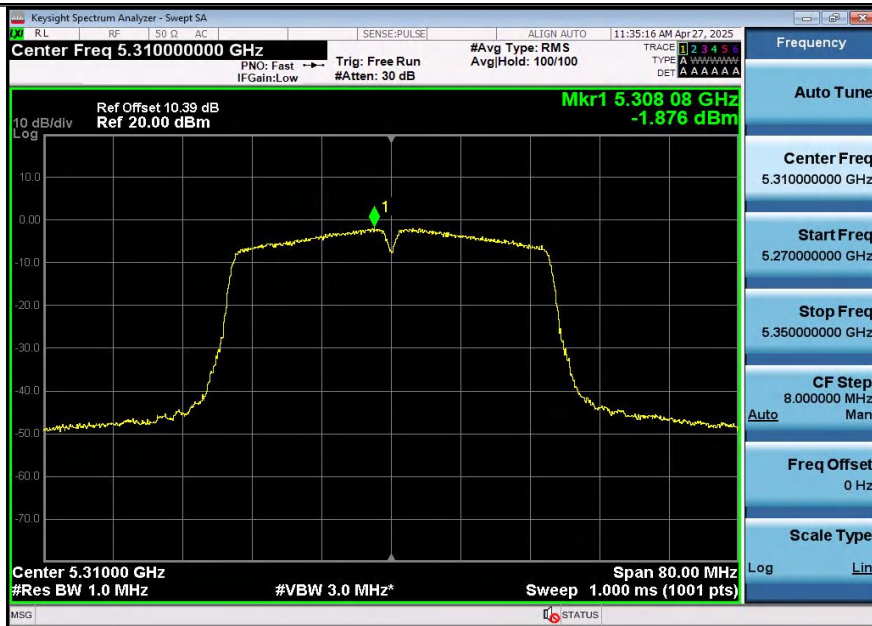


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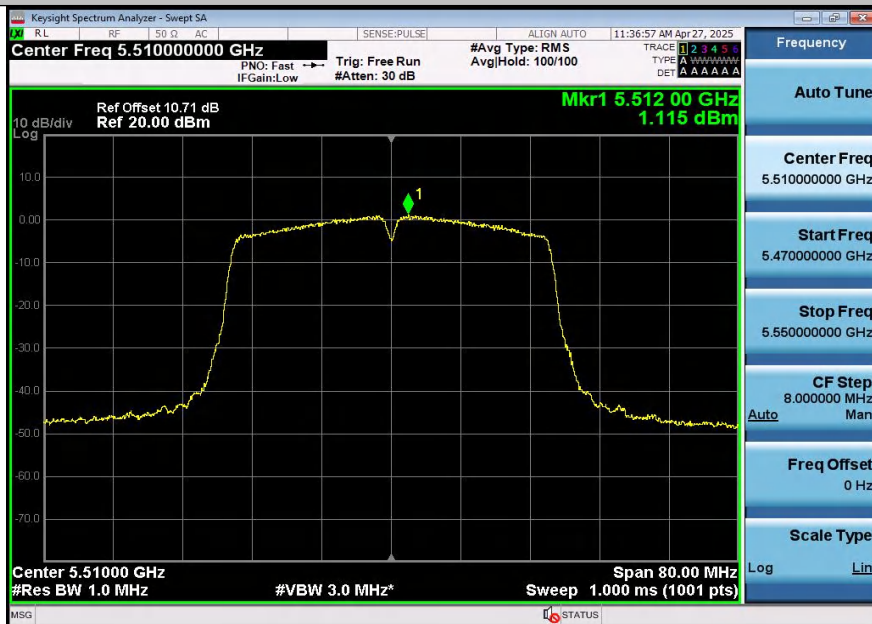
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11AC40SISO-Ant1-5310-PASS



11AC40SISO-Ant1-5510-PASS

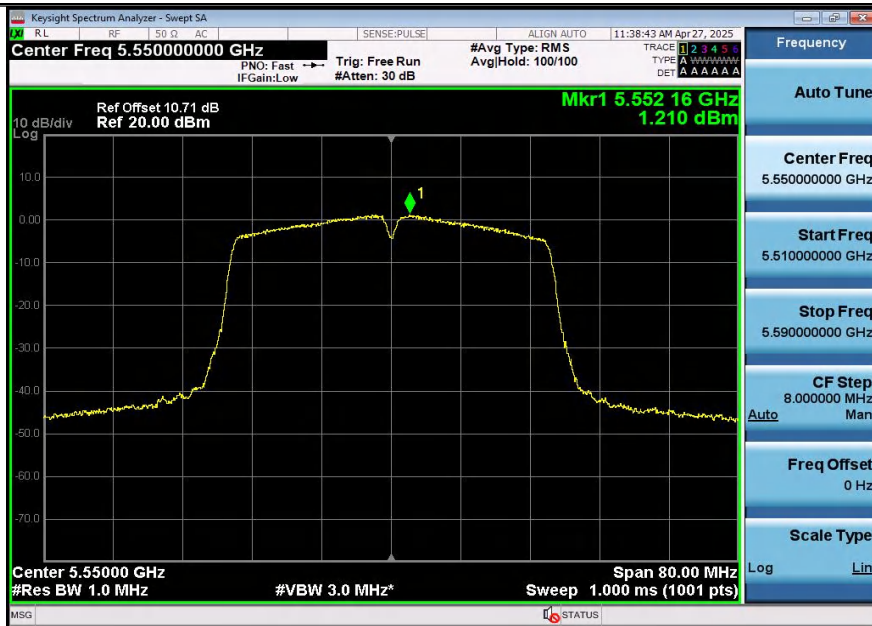


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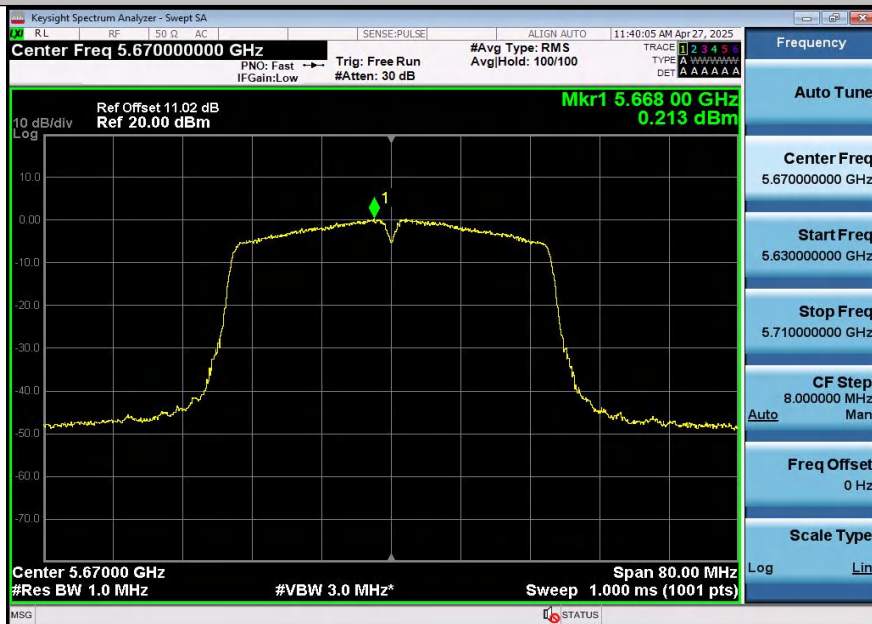
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11AC40SISO-Ant1-5550-PASS



11AC40SISO-Ant1-5670-PASS

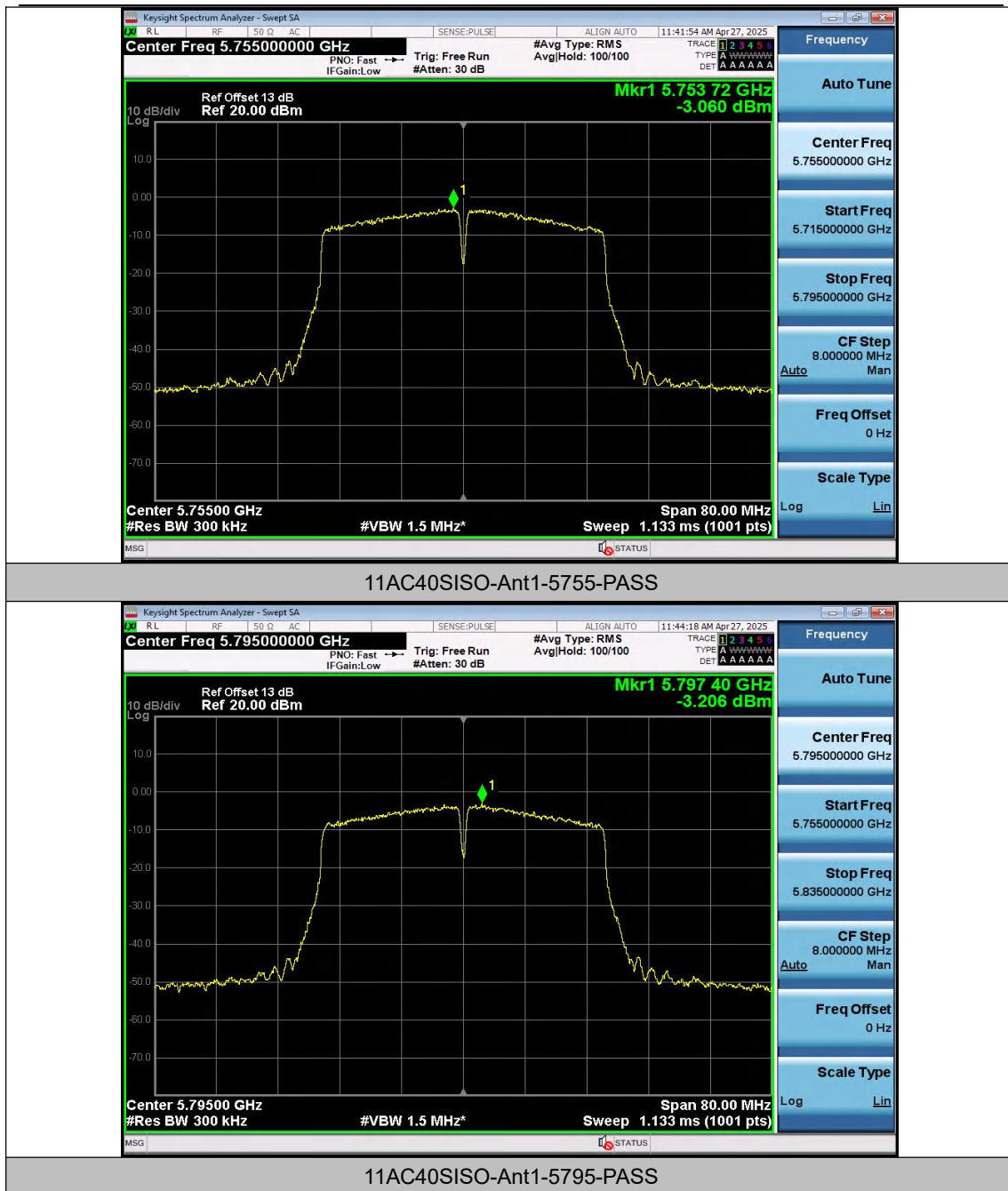


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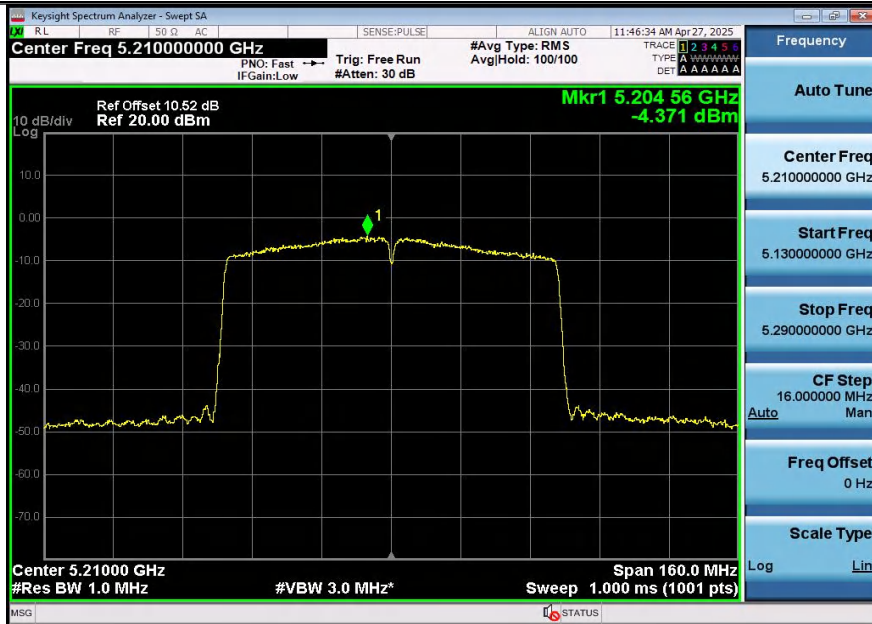


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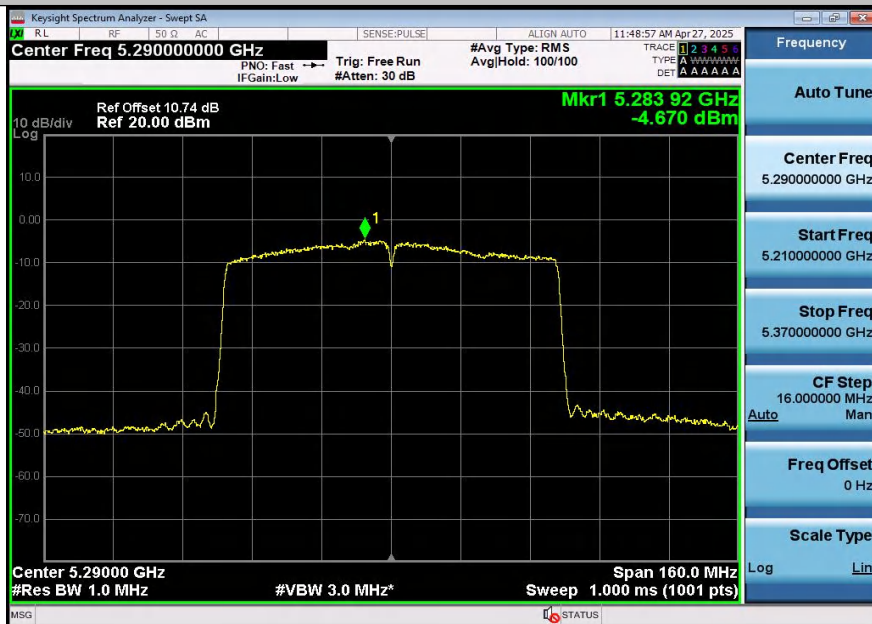
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11AC80SISO-Ant1-5210-PASS



11AC80SISO-Ant1-5290-PASS

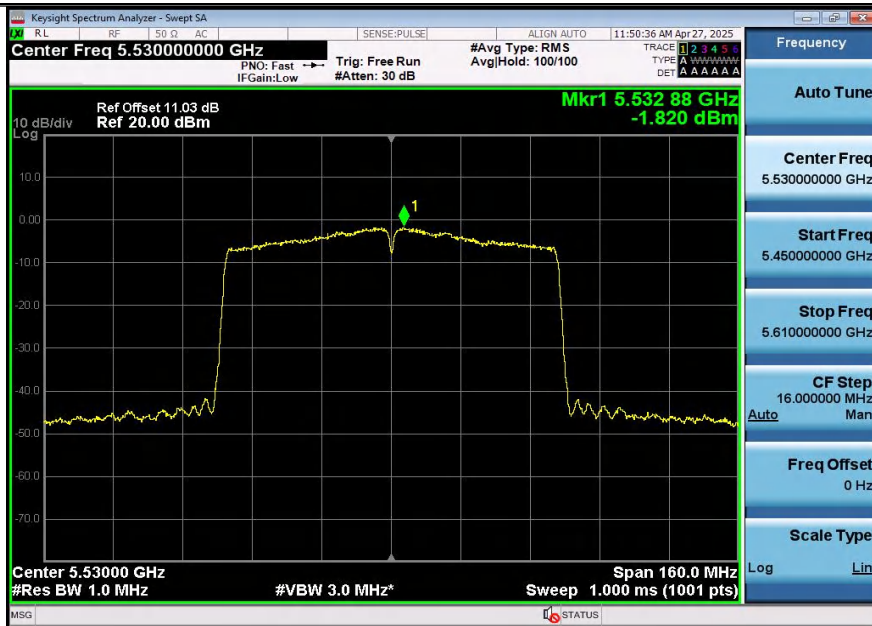


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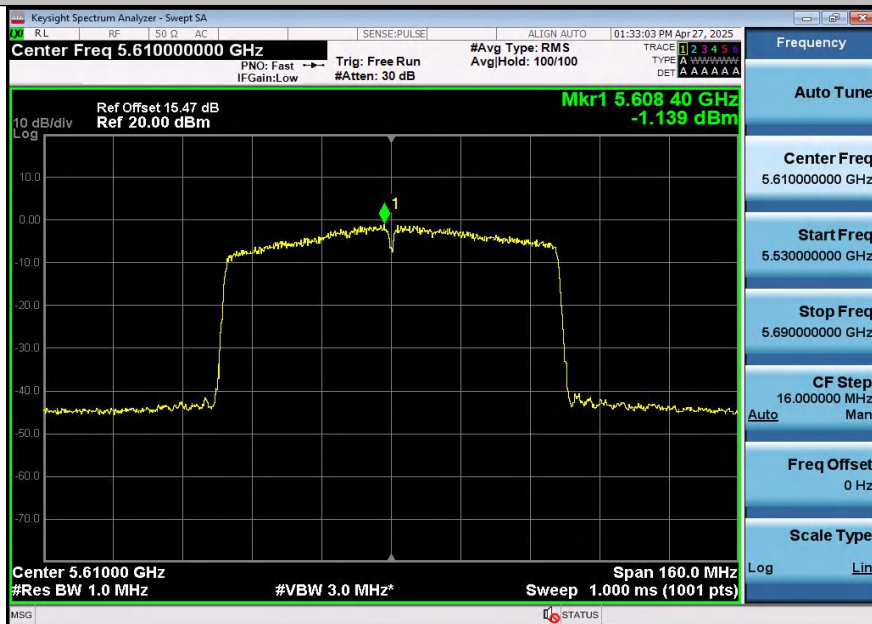
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11AC80SISO-Ant1-5530-PASS



11AC80SISO-Ant1-5610-PASS

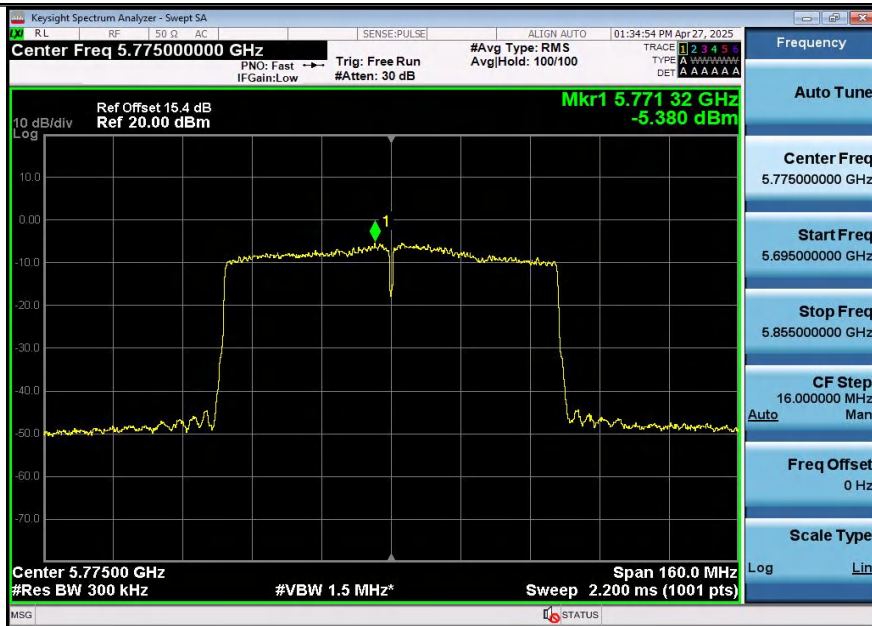


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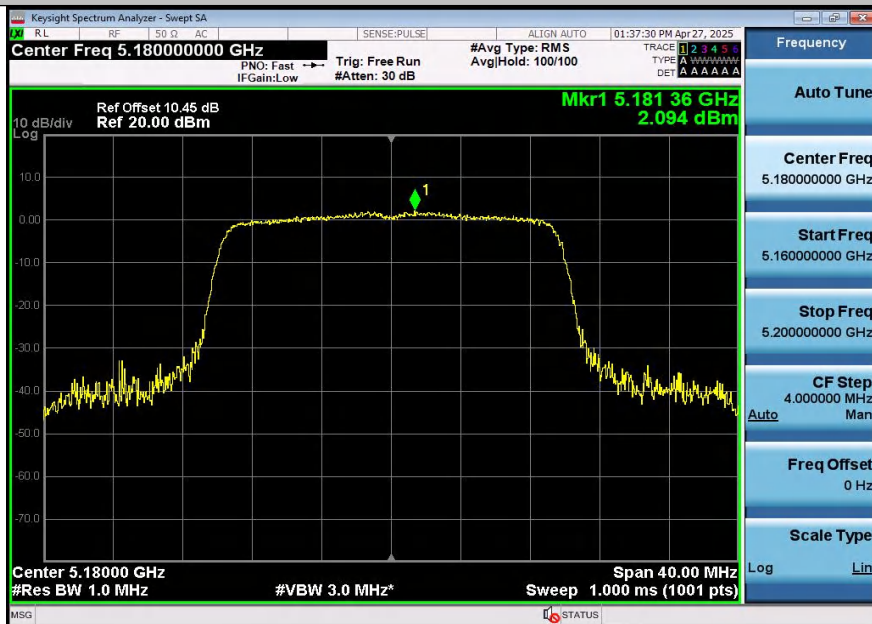
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11AC80SISO-Ant1-5775-PASS



11AX20SISO-Ant1-5180-PASS

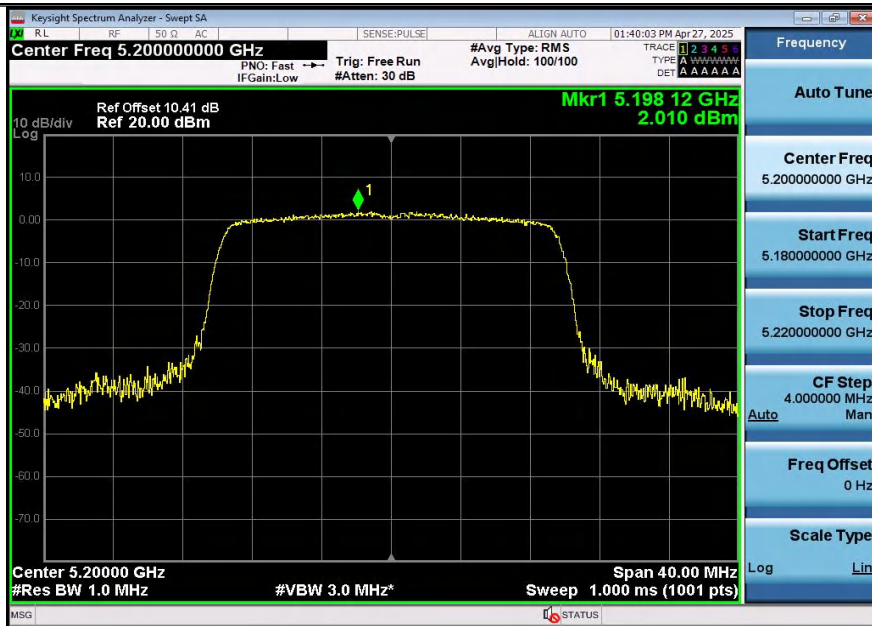


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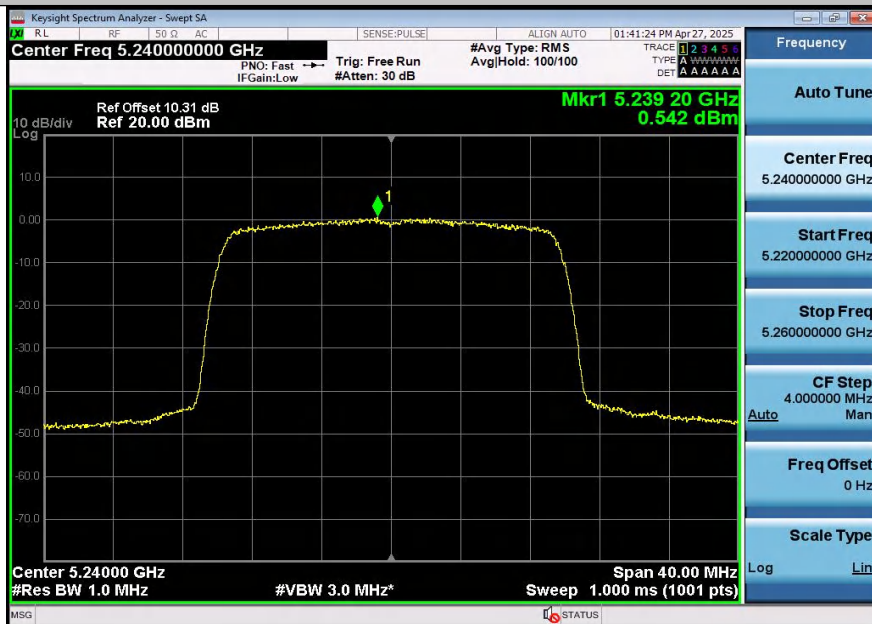
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11AX20SISO-Ant1-5200-PASS



11AX20SISO-Ant1-5240-PASS

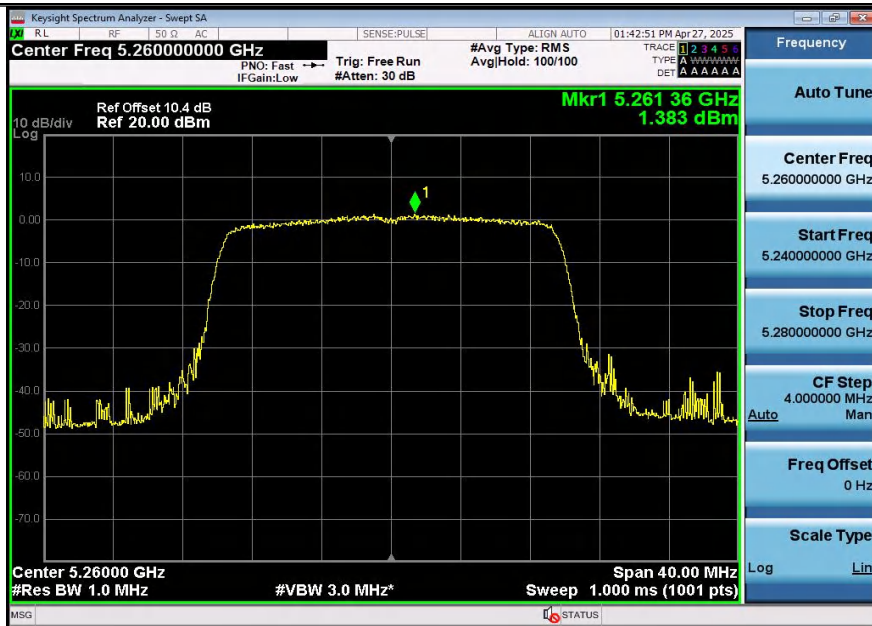


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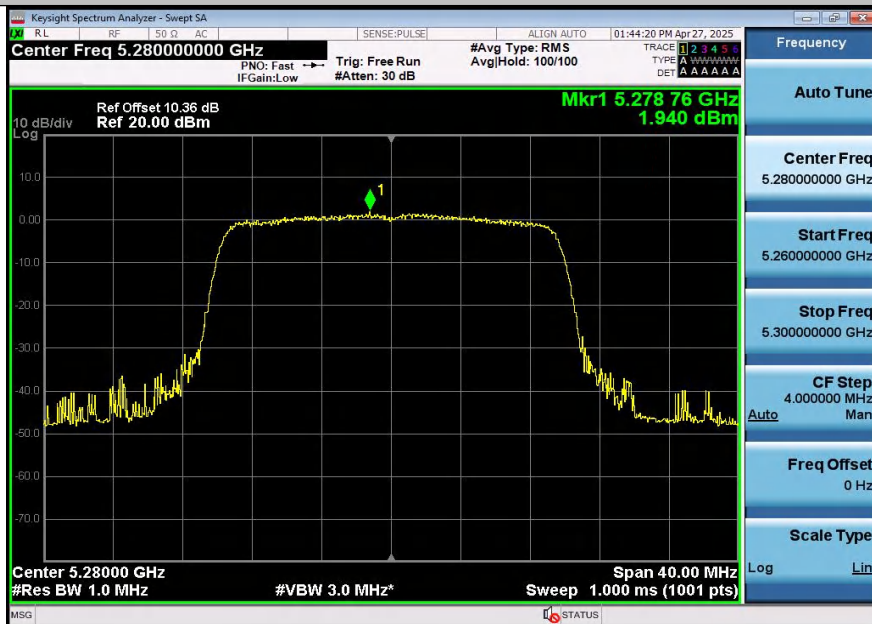
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11AX20SISO-Ant1-5260-PASS



11AX20SISO-Ant1-5280-PASS

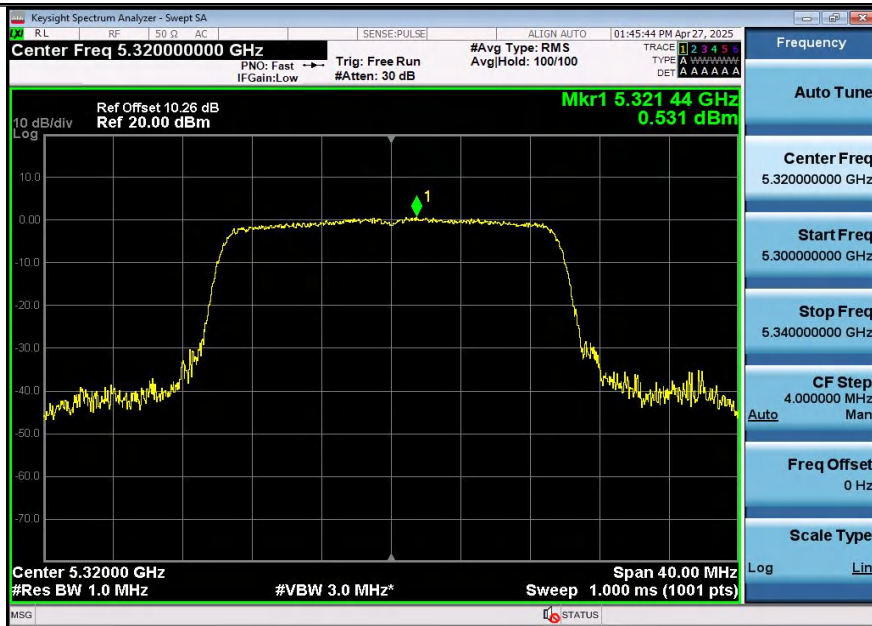


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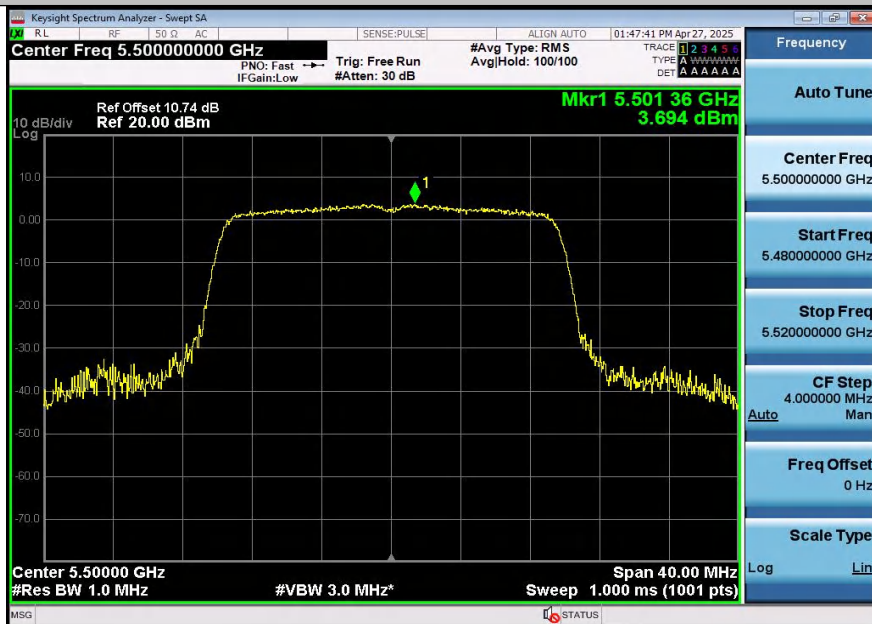
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11AX20SISO-Ant1-5320-PASS



11AX20SISO-Ant1-5500-PASS

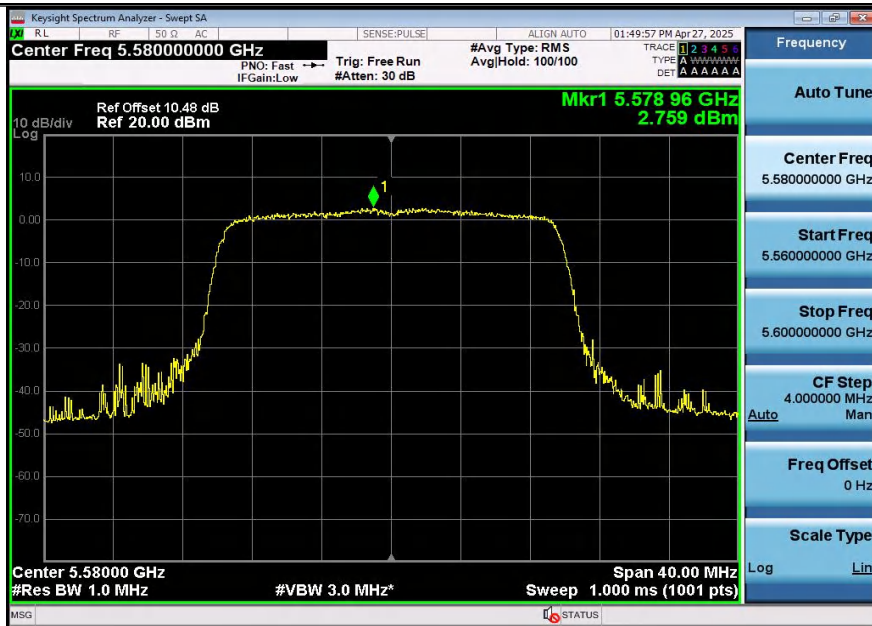


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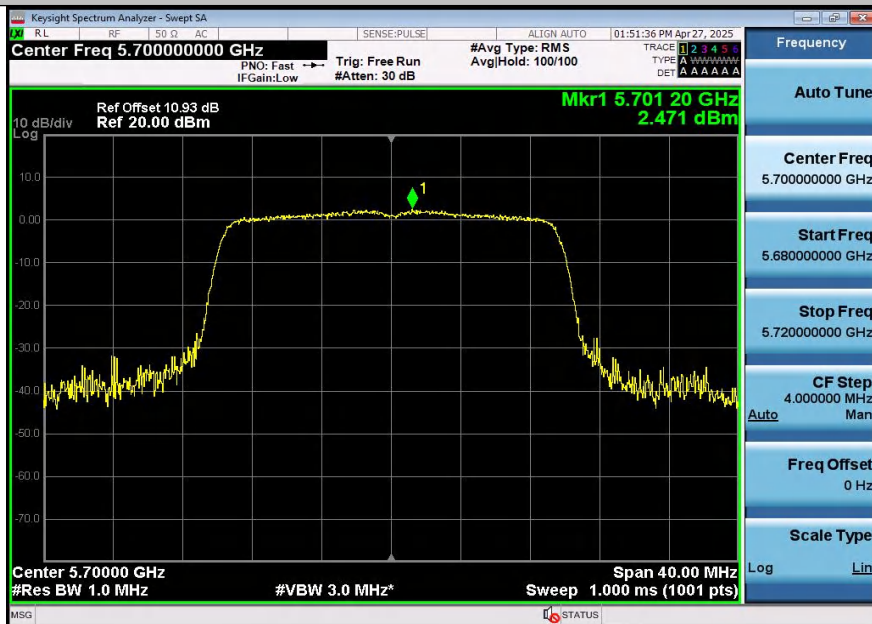
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11AX20SISO-Ant1-5580-PASS



11AX20SISO-Ant1-5700-PASS

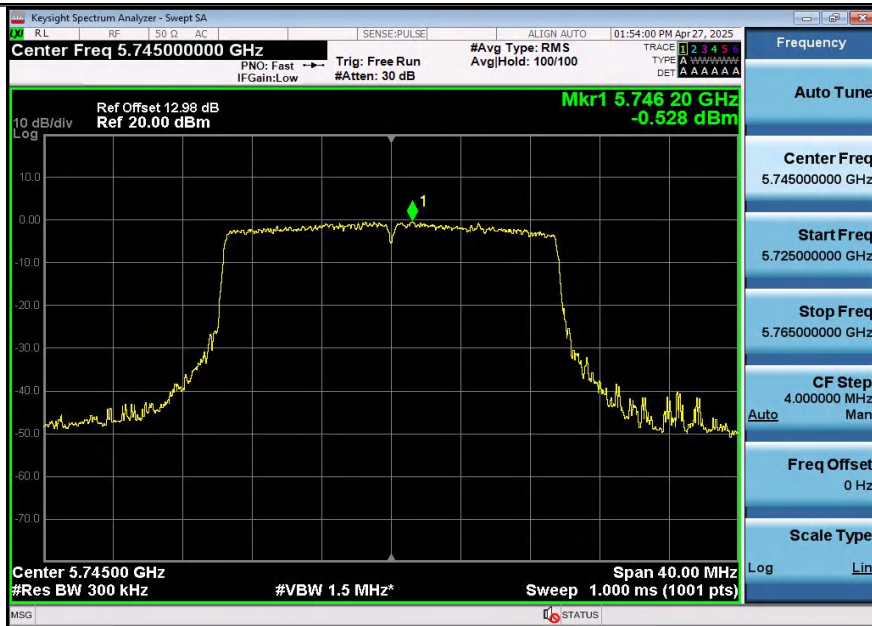


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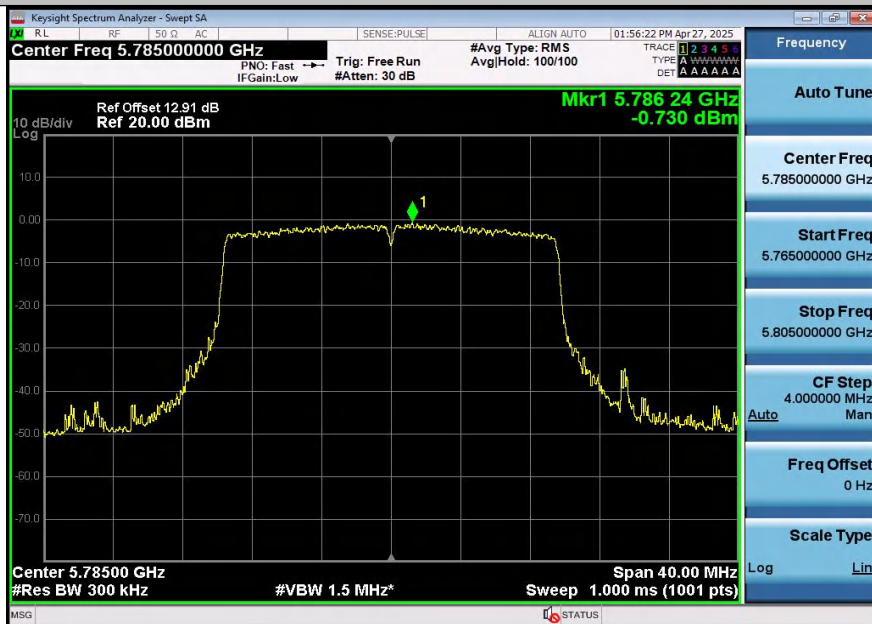
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11AX20SISO-Ant1-5745-PASS



11AX20SISO-Ant1-5785-PASS



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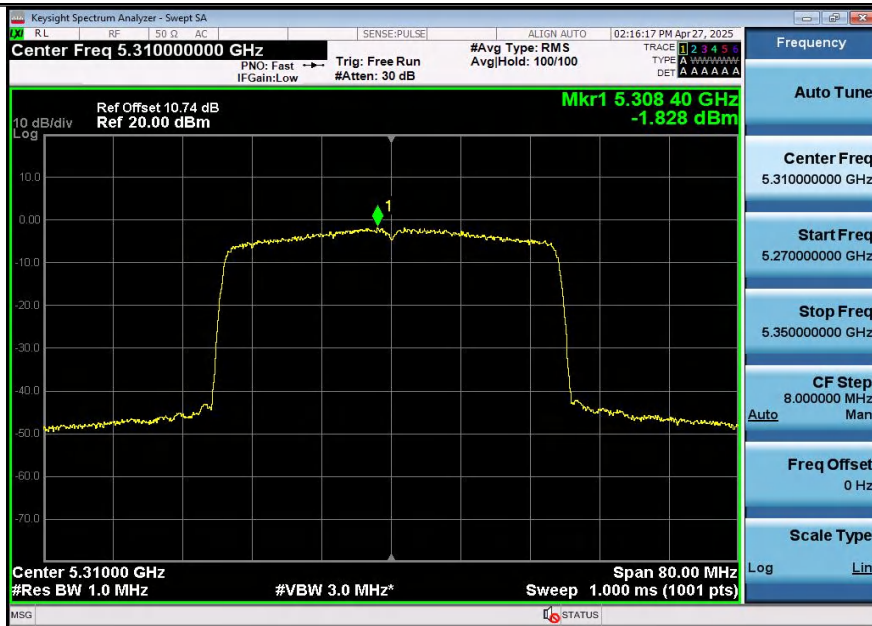


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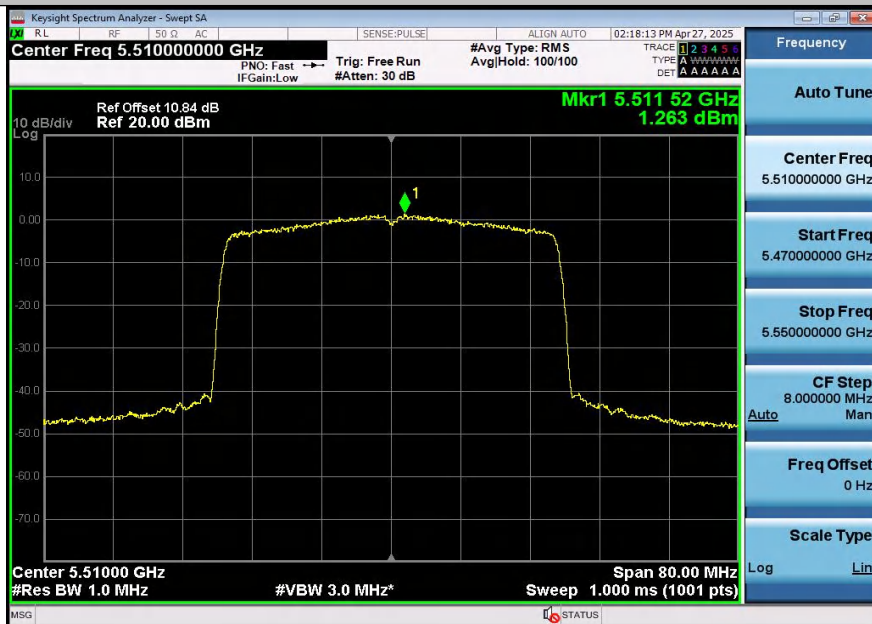
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11AX40SISO-Ant1-5310-PASS



11AX40SISO-Ant1-5510-PASS

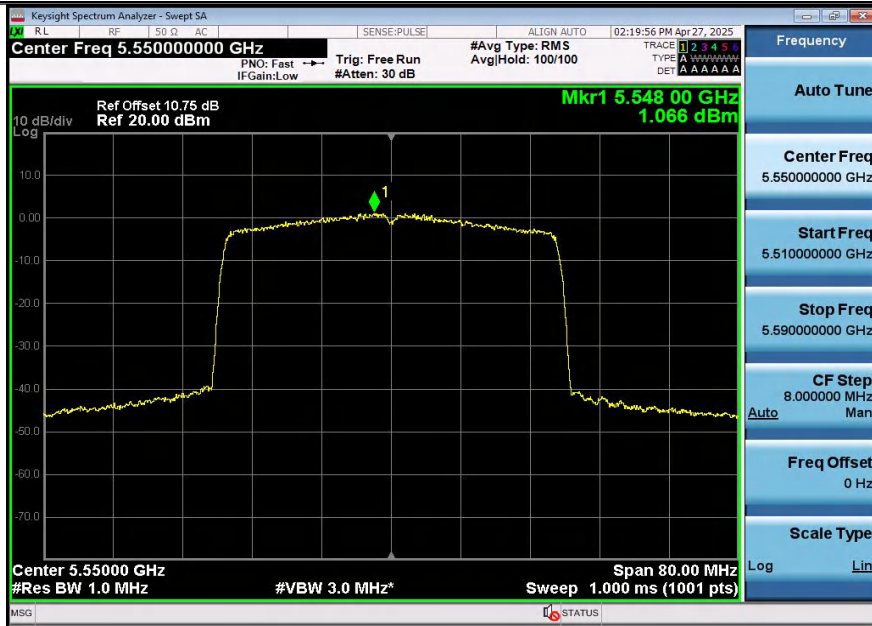


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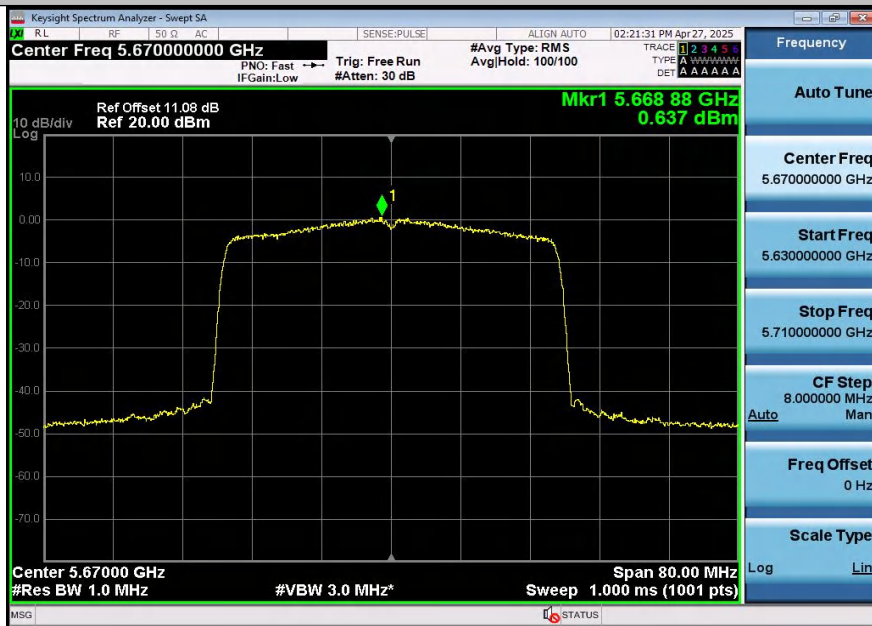
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11AX40SISO-Ant1-5550-PASS



11AX40SISO-Ant1-5670-PASS



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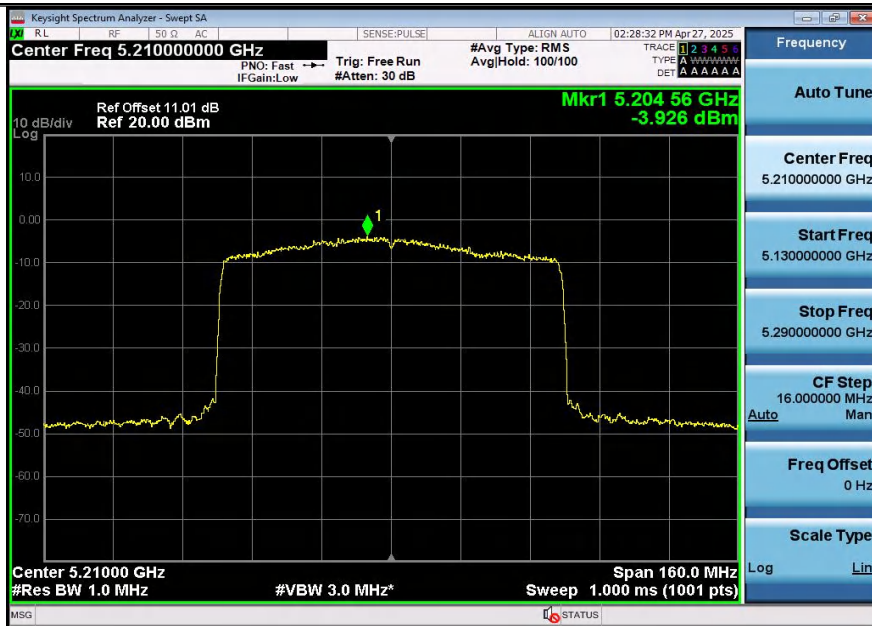


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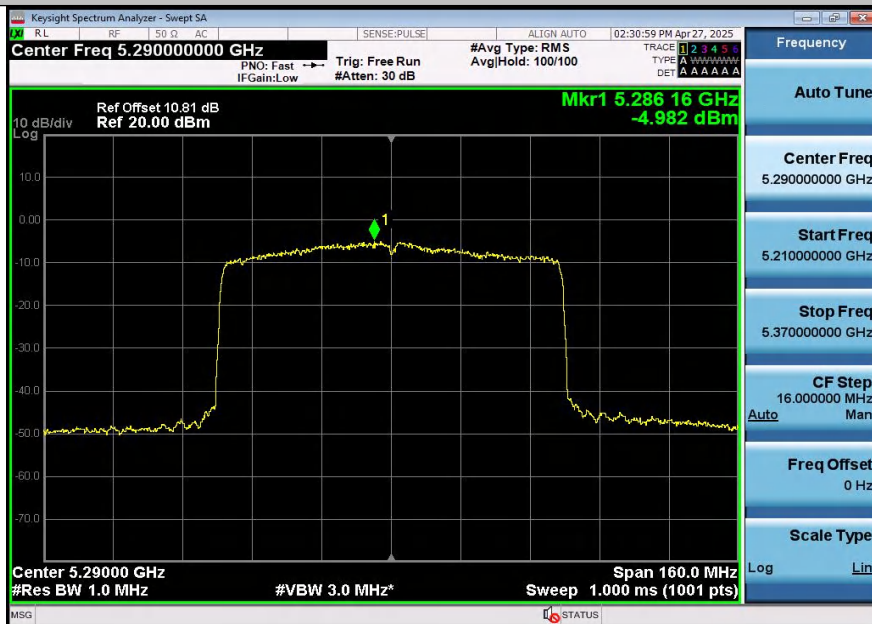
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11AX80SISO-Ant1-5210-PASS



11AX80SISO-Ant1-5290-PASS

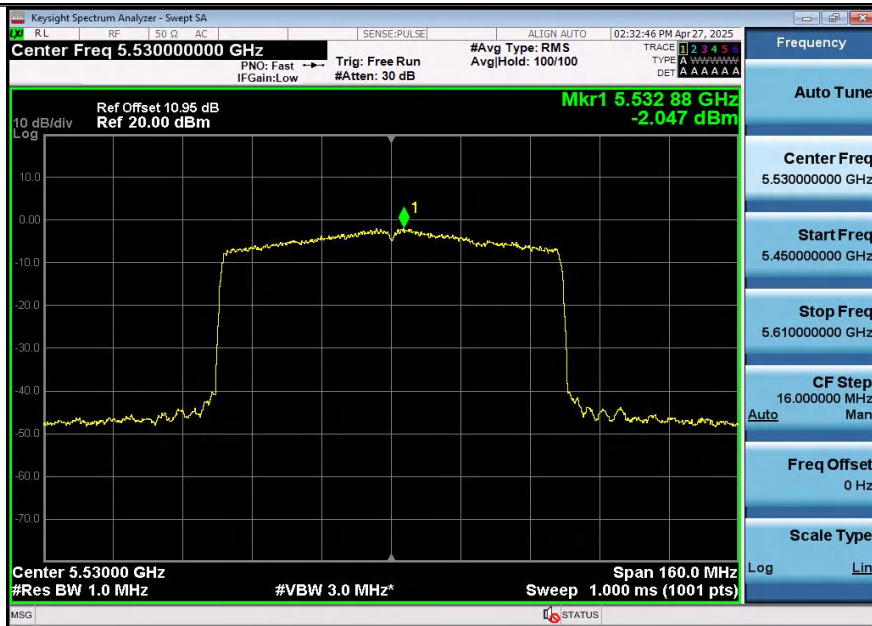


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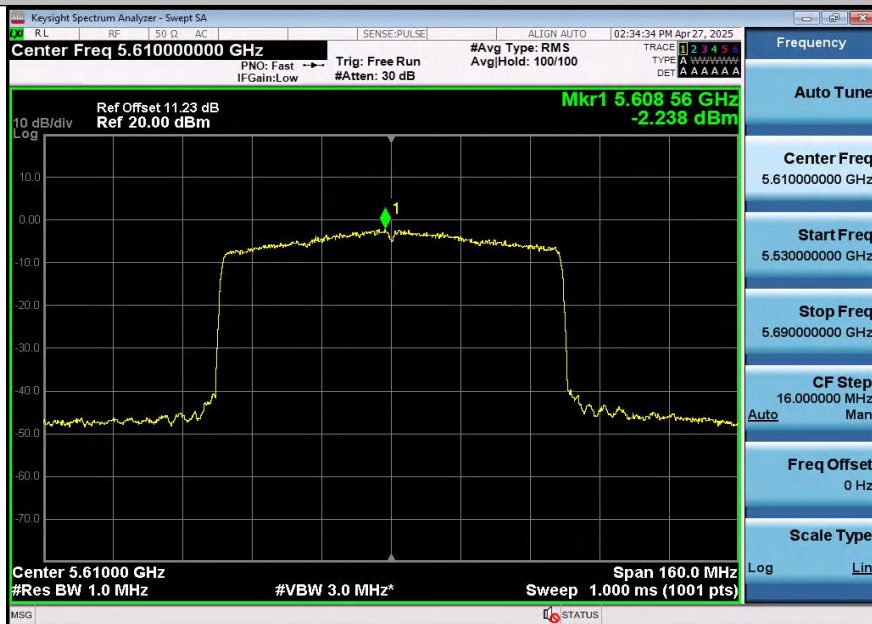
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11AX80SISO-Ant1-5530-PASS



11AX80SISO-Ant1-5610-PASS



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## Ant 2

| Test Mode  | Antenna | Frequency[MHz] | Result [dBm/MHz] | Limit[dBm/MHz] | Verdict |
|------------|---------|----------------|------------------|----------------|---------|
| 11A        | Ant2    | 5180           | 2.62             | ≤11.00         | PASS    |
| 11A        | Ant2    | 5220           | 2.20             | ≤11.00         | PASS    |
| 11A        | Ant2    | 5240           | 3.16             | ≤11.00         | PASS    |
| 11A        | Ant2    | 5260           | 3.30             | ≤11.00         | PASS    |
| 11A        | Ant2    | 5300           | 3.54             | ≤11.00         | PASS    |
| 11A        | Ant2    | 5320           | 2.59             | ≤11.00         | PASS    |
| 11A        | Ant2    | 5500           | 1.86             | ≤11.00         | PASS    |
| 11A        | Ant2    | 5580           | 2.85             | ≤11.00         | PASS    |
| 11A        | Ant2    | 5700           | 2.30             | ≤11.00         | PASS    |
| 11N20SISO  | Ant2    | 5180           | 1.77             | ≤11.00         | PASS    |
| 11N20SISO  | Ant2    | 5220           | 2.47             | ≤11.00         | PASS    |
| 11N20SISO  | Ant2    | 5240           | 3.64             | ≤11.00         | PASS    |
| 11N20SISO  | Ant2    | 5260           | 2.39             | ≤11.00         | PASS    |
| 11N20SISO  | Ant2    | 5300           | 2.71             | ≤11.00         | PASS    |
| 11N20SISO  | Ant2    | 5320           | 1.79             | ≤11.00         | PASS    |
| 11N20SISO  | Ant2    | 5500           | 0.87             | ≤11.00         | PASS    |
| 11N20SISO  | Ant2    | 5580           | 2.03             | ≤11.00         | PASS    |
| 11N20SISO  | Ant2    | 5700           | 1.78             | ≤11.00         | PASS    |
| 11N40SISO  | Ant2    | 5190           | 0.21             | ≤11.00         | PASS    |
| 11N40SISO  | Ant2    | 5230           | 0.78             | ≤11.00         | PASS    |
| 11N40SISO  | Ant2    | 5270           | 1.22             | ≤11.00         | PASS    |
| 11N40SISO  | Ant2    | 5310           | 0.54             | ≤11.00         | PASS    |
| 11N40SISO  | Ant2    | 5510           | -0.08            | ≤11.00         | PASS    |
| 11N40SISO  | Ant2    | 5550           | -0.31            | ≤11.00         | PASS    |
| 11N40SISO  | Ant2    | 5670           | 1.23             | ≤11.00         | PASS    |
| 11AC20SISO | Ant2    | 5180           | 1.74             | ≤11.00         | PASS    |
| 11AC20SISO | Ant2    | 5220           | 1.62             | ≤11.00         | PASS    |
| 11AC20SISO | Ant2    | 5240           | 2.25             | ≤11.00         | PASS    |
| 11AC20SISO | Ant2    | 5260           | 2.55             | ≤11.00         | PASS    |
| 11AC20SISO | Ant2    | 5300           | 2.83             | ≤11.00         | PASS    |
| 11AC20SISO | Ant2    | 5320           | 1.71             | ≤11.00         | PASS    |
| 11AC20SISO | Ant2    | 5500           | 1.13             | ≤11.00         | PASS    |
| 11AC20SISO | Ant2    | 5580           | 2.26             | ≤11.00         | PASS    |
| 11AC20SISO | Ant2    | 5700           | 1.57             | ≤11.00         | PASS    |



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|            |      |      |       |        |      |
|------------|------|------|-------|--------|------|
| 11AC40SISO | Ant2 | 5190 | 0.63  | ≤11.00 | PASS |
| 11AC40SISO | Ant2 | 5230 | 0.65  | ≤11.00 | PASS |
| 11AC40SISO | Ant2 | 5270 | 0.44  | ≤11.00 | PASS |
| 11AC40SISO | Ant2 | 5310 | 0.77  | ≤11.00 | PASS |
| 11AC40SISO | Ant2 | 5510 | -0.40 | ≤11.00 | PASS |
| 11AC40SISO | Ant2 | 5550 | -0.77 | ≤11.00 | PASS |
| 11AC40SISO | Ant2 | 5670 | 1.29  | ≤11.00 | PASS |
| 11AC80SISO | Ant2 | 5210 | -3.44 | ≤11.00 | PASS |
| 11AC80SISO | Ant2 | 5290 | -2.46 | ≤11.00 | PASS |
| 11AC80SISO | Ant2 | 5530 | -4.34 | ≤11.00 | PASS |
| 11AC80SISO | Ant2 | 5610 | -1.13 | ≤11.00 | PASS |
| 11AX20SISO | Ant2 | 5180 | 2.48  | ≤11.00 | PASS |
| 11AX20SISO | Ant2 | 5200 | 1.70  | ≤11.00 | PASS |
| 11AX20SISO | Ant2 | 5240 | 2.47  | ≤11.00 | PASS |
| 11AX20SISO | Ant2 | 5260 | 2.53  | ≤11.00 | PASS |
| 11AX20SISO | Ant2 | 5280 | 3.24  | ≤11.00 | PASS |
| 11AX20SISO | Ant2 | 5320 | 2.09  | ≤11.00 | PASS |
| 11AX20SISO | Ant2 | 5500 | 1.53  | ≤11.00 | PASS |
| 11AX20SISO | Ant2 | 5580 | 2.35  | ≤11.00 | PASS |
| 11AX20SISO | Ant2 | 5700 | 2.18  | ≤11.00 | PASS |
| 11AX40SISO | Ant2 | 5190 | 0.59  | ≤11.00 | PASS |
| 11AX40SISO | Ant2 | 5230 | 0.67  | ≤11.00 | PASS |
| 11AX40SISO | Ant2 | 5270 | 1.30  | ≤11.00 | PASS |
| 11AX40SISO | Ant2 | 5310 | 0.57  | ≤11.00 | PASS |
| 11AX40SISO | Ant2 | 5510 | -0.37 | ≤11.00 | PASS |
| 11AX40SISO | Ant2 | 5550 | -0.68 | ≤11.00 | PASS |
| 11AX40SISO | Ant2 | 5670 | 1.09  | ≤11.00 | PASS |
| 11AX80SISO | Ant2 | 5210 | -3.94 | ≤11.00 | PASS |
| 11AX80SISO | Ant2 | 5290 | -2.70 | ≤11.00 | PASS |
| 11AX80SISO | Ant2 | 5530 | -4.45 | ≤11.00 | PASS |
| 11AX80SISO | Ant2 | 5610 | -1.87 | ≤11.00 | PASS |

| Test Mode | Antenna | Frequency<br>[MHz] | Power Spectral<br>Density<br>(dBm/300KHz) | Power Spectral<br>Density<br>(dBm/500KHz) | Limit[dB<br>m/MHz] | Verdict |
|-----------|---------|--------------------|-------------------------------------------|-------------------------------------------|--------------------|---------|
| 11A       | Ant2    | 5745               | 0.38                                      | 2.598                                     | ≤30.00             | PASS    |
| 11A       | Ant2    | 5785               | -0.76                                     | 1.458                                     | ≤30.00             | PASS    |
| 11A       | Ant2    | 5825               | -0.16                                     | 2.058                                     | ≤30.00             | PASS    |
| 11N20SISO | Ant2    | 5745               | -0.58                                     | 1.638                                     | ≤30.00             | PASS    |



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|            |      |      |       |        |        |      |
|------------|------|------|-------|--------|--------|------|
| 11N20SISO  | Ant2 | 5785 | -1.20 | 1.018  | ≤30.00 | PASS |
| 11N20SISO  | Ant2 | 5825 | -0.76 | 1.458  | ≤30.00 | PASS |
| 11N40SISO  | Ant2 | 5755 | -2.37 | -0.152 | ≤30.00 | PASS |
| 11N40SISO  | Ant2 | 5795 | -2.99 | -0.772 | ≤30.00 | PASS |
| 11AC20SISO | Ant2 | 5745 | -0.37 | 1.848  | ≤30.00 | PASS |
| 11AC20SISO | Ant2 | 5785 | -1.49 | 0.728  | ≤30.00 | PASS |
| 11AC20SISO | Ant2 | 5825 | -0.99 | 1.228  | ≤30.00 | PASS |
| 11AC40SISO | Ant2 | 5755 | -2.26 | -0.042 | ≤30.00 | PASS |
| 11AC40SISO | Ant2 | 5795 | -2.82 | -0.602 | ≤30.00 | PASS |
| 11AC80SISO | Ant2 | 5775 | -5.60 | -3.382 | ≤30.00 | PASS |
| 11AX20SISO | Ant2 | 5745 | -0.25 | 1.968  | ≤30.00 | PASS |
| 11AX20SISO | Ant2 | 5785 | -1.13 | 1.088  | ≤30.00 | PASS |
| 11AX20SISO | Ant2 | 5825 | -0.49 | 1.728  | ≤30.00 | PASS |
| 11AX40SISO | Ant2 | 5755 | -2.72 | -0.502 | ≤30.00 | PASS |
| 11AX40SISO | Ant2 | 5795 | -2.40 | -0.182 | ≤30.00 | PASS |
| 11AX80SISO | Ant2 | 5775 | -6.86 | -4.642 | ≤30.00 | PASS |

Remark: P.S.D(dBm/500KHz)= P.S.D(dBm/300KHz)+10 log (500 kHz/300KHz).



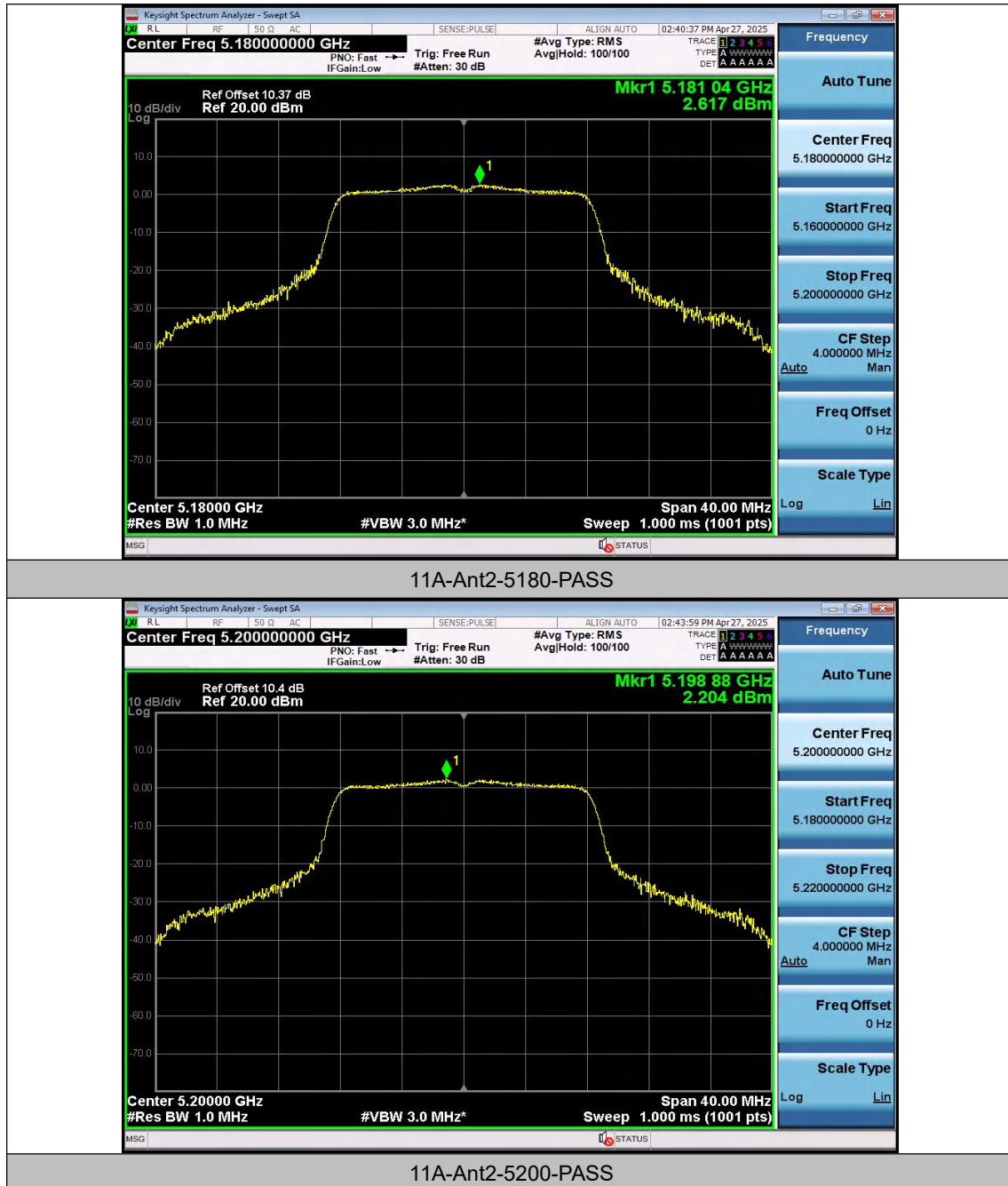
Shenzhen GUOREN Certification Technology Service Co., Ltd.

101#, Building K & Building T, The Second Industrial Zone, Jiazitang Community,  
Fenghuang Street, Guangming District, Shenzhen, China

FCC ID:SMC-T91A

GRCTR250302048-04

## Test Graphs



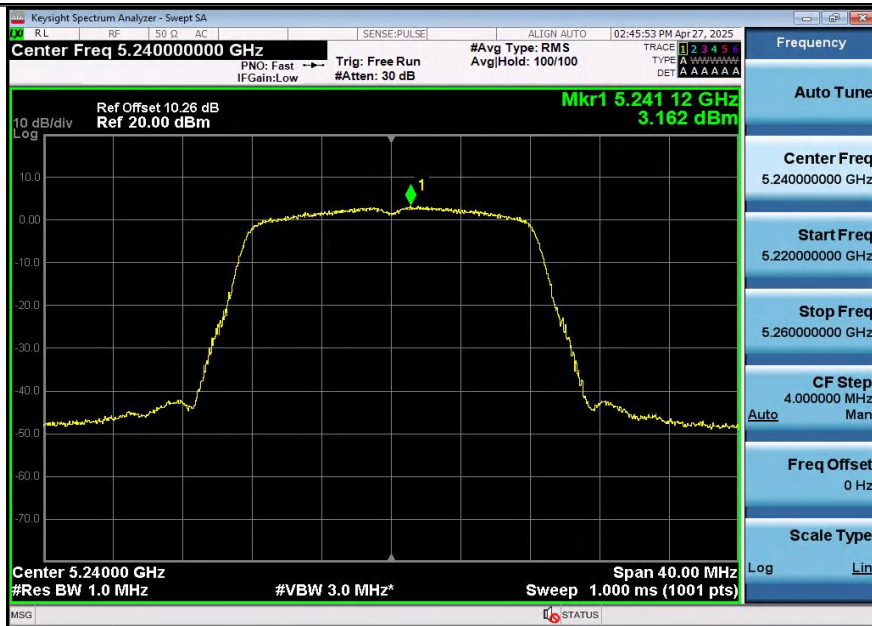


Shenzhen GUOREN Certification Technology Service Co., Ltd.

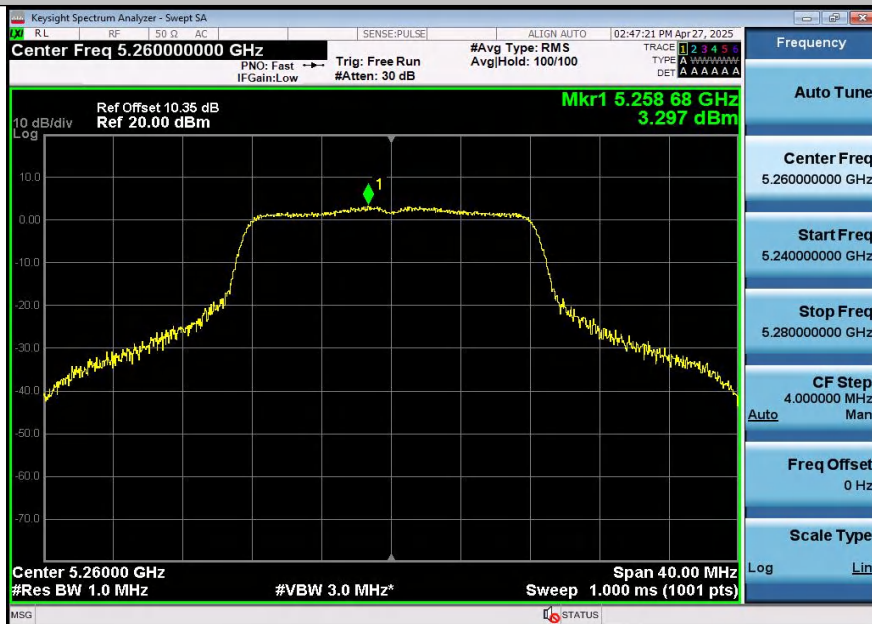
101#, Building K & Building T, The Second Industrial Zone, Jiazitang Community,  
Fenghuang Street, Guangming District, Shenzhen, China

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11A-Ant2-5240-PASS



11A-Ant2-5260-PASS



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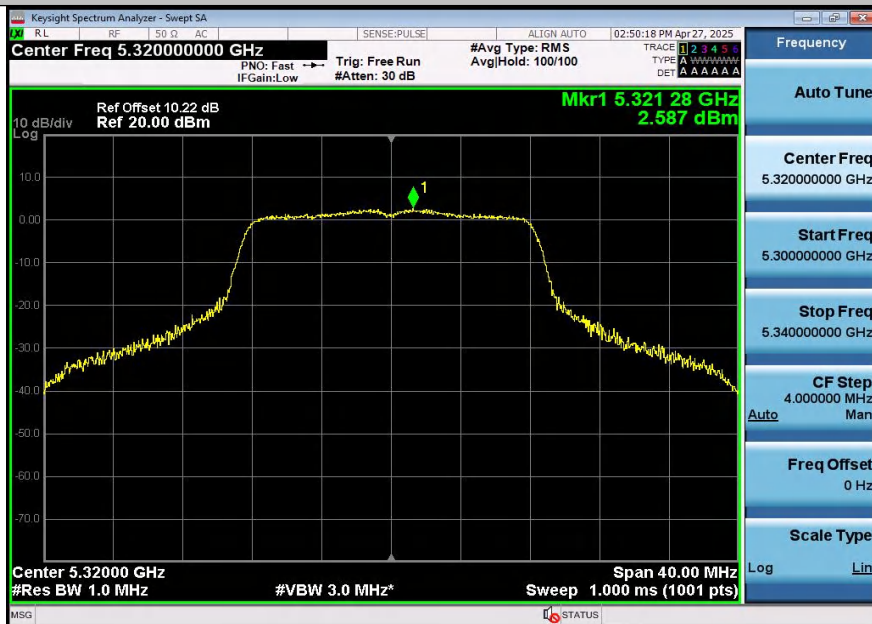
101#, Building K & Building T, The Second Industrial Zone, Jiazitang Community,  
Fenghuang Street, Guangming District, Shenzhen, China

FCC ID:SMC-T91A

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11A-Ant2-5280-PASS



11A-Ant2-5320-PASS

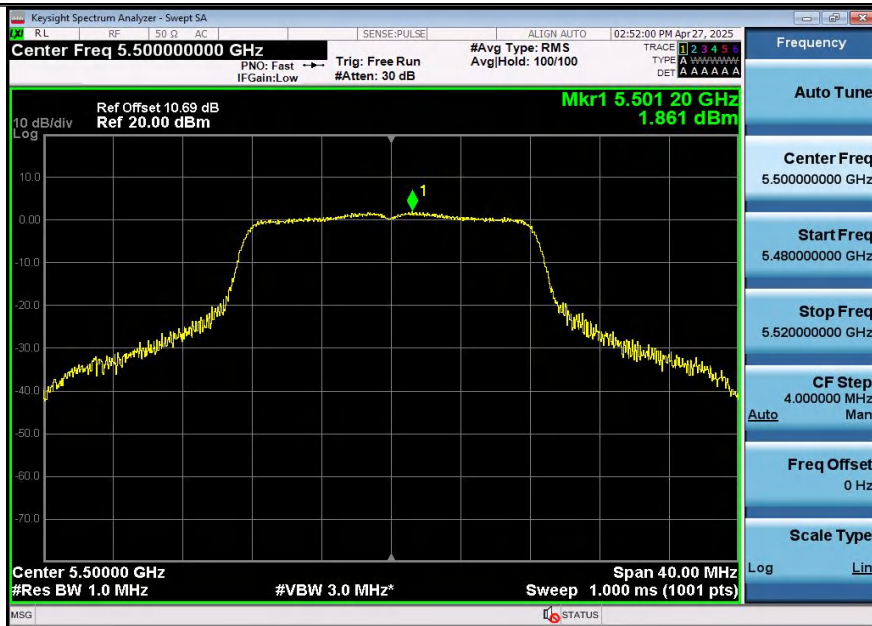


Shenzhen GUOREN Certification Technology Service Co., Ltd.

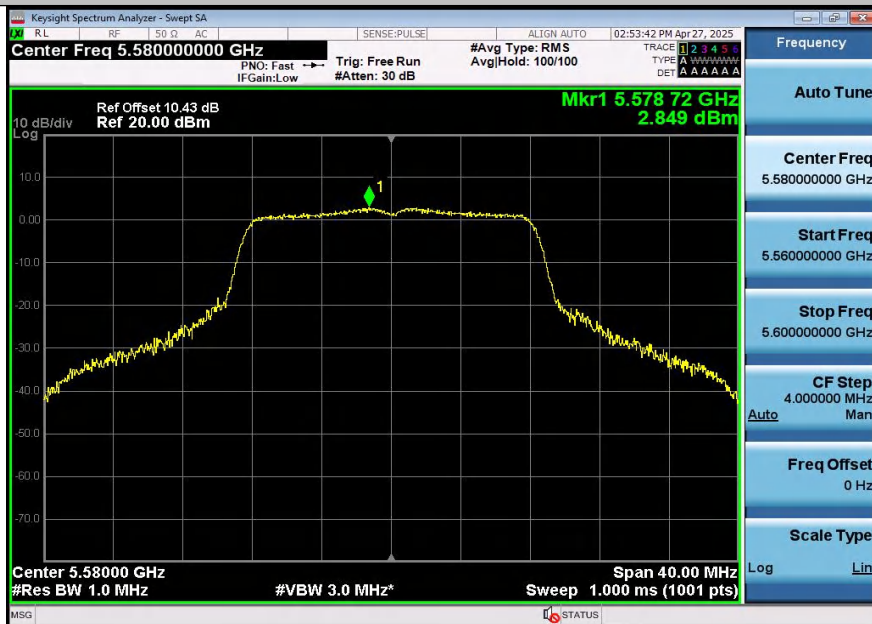
101#, Building K & Building T, The Second Industrial Zone, Jiazitang Community,  
Fenghuang Street, Guangming District, Shenzhen, China

FCC ID:SMC-T91A

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11A-Ant2-5500-PASS



11A-Ant2-5580-PASS