

Shenzhen Anbotek Compliance Laboratory Limited

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Appendix C: Maximum conducted output power

Test Result Channel Power

| Test Mode | Antenna | Frequency [MHz] | Set Power | Channel Power [dBm] | Duty Cycle [%] | DC Factor [dBm] | Result [dBm] | Limit [dBm] |
|-------------|---------|-----------------|-----------|---------------------|----------------|-----------------|--------------|-------------|
| 11A | Ant1 | 5180 | --- | 13.68 | 92.41 | 0.34 | 14.02 | ≤23.98 |
| | | 5200 | --- | 14.52 | 94.09 | 0.26 | 14.78 | ≤23.98 |
| | | 5240 | --- | 15.44 | 92.41 | 0.34 | 15.78 | ≤23.98 |
| | | 5260 | --- | 14.28 | 92.38 | 0.34 | 14.62 | ≤23.98 |
| | | 5300 | --- | 15.00 | 91.96 | 0.36 | 15.36 | ≤23.98 |
| | | 5320 | --- | 15.21 | 94.52 | 0.24 | 15.45 | ≤23.98 |
| 11N20 SISO | Ant1 | 5180 | --- | 13.56 | 96.00 | 0.18 | 13.74 | ≤23.98 |
| | | 5200 | --- | 14.53 | 92.31 | 0.35 | 14.88 | ≤23.98 |
| | | 5240 | --- | 15.39 | 93.66 | 0.28 | 15.67 | ≤23.98 |
| | | 5260 | --- | 14.13 | 91.87 | 0.37 | 14.50 | ≤23.98 |
| | | 5300 | --- | 14.76 | 94.58 | 0.24 | 15.00 | ≤23.98 |
| 11N40 SISO | Ant1 | 5190 | --- | 14.22 | 85.45 | 0.68 | 14.90 | ≤23.98 |
| | | 5230 | --- | 15.20 | 86.24 | 0.64 | 15.84 | ≤23.98 |
| | | 5270 | --- | 14.41 | 87.16 | 0.60 | 15.01 | ≤23.98 |
| | | 5310 | --- | 15.12 | 84.68 | 0.72 | 15.84 | ≤23.98 |
| 11AC2 OSISO | Ant1 | 5180 | --- | 13.45 | 95.54 | 0.20 | 13.65 | ≤23.98 |
| | | 5200 | --- | 14.36 | 92.79 | 0.32 | 14.68 | ≤23.98 |
| | | 5240 | --- | 15.31 | 94.15 | 0.26 | 15.57 | ≤23.98 |
| | | 5260 | --- | 14.14 | 91.90 | 0.37 | 14.51 | ≤23.98 |
| | | 5300 | --- | 14.48 | 91.90 | 0.37 | 14.85 | ≤23.98 |
| | | 5320 | --- | 15.41 | 92.82 | 0.32 | 15.73 | ≤23.98 |
| 11AC4 OSISO | Ant1 | 5190 | --- | 14.15 | 84.82 | 0.72 | 14.87 | ≤23.98 |
| | | 5230 | --- | 14.11 | 84.82 | 0.72 | 14.83 | ≤23.98 |
| | | 5270 | --- | 14.15 | 85.71 | 0.67 | 14.82 | ≤23.98 |
| | | 5310 | --- | 15.42 | 84.82 | 0.72 | 16.14 | ≤23.98 |
| 11AC8 OSISO | Ant1 | 5210 | --- | 13.21 | 73.02 | 1.37 | 14.58 | ≤23.98 |
| | | 5290 | --- | 13.54 | 75.41 | 1.23 | 14.77 | ≤23.98 |

Note: The Duty Cycle Factor is compensated in the graph.

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Test Graphs Channel Power



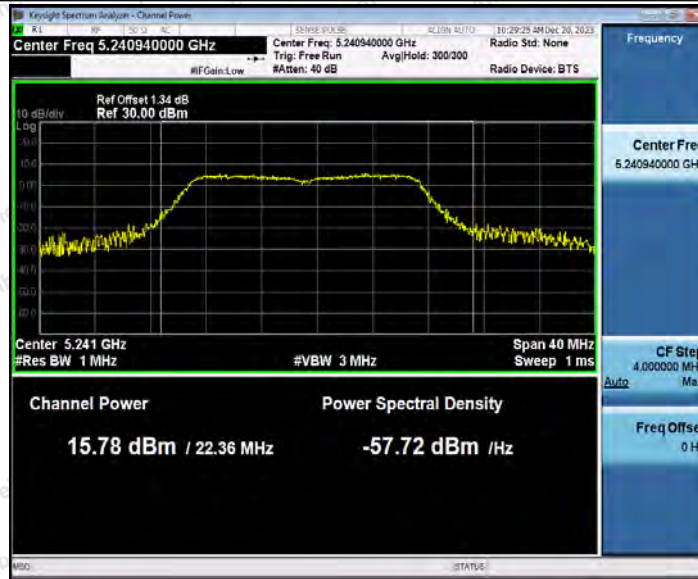
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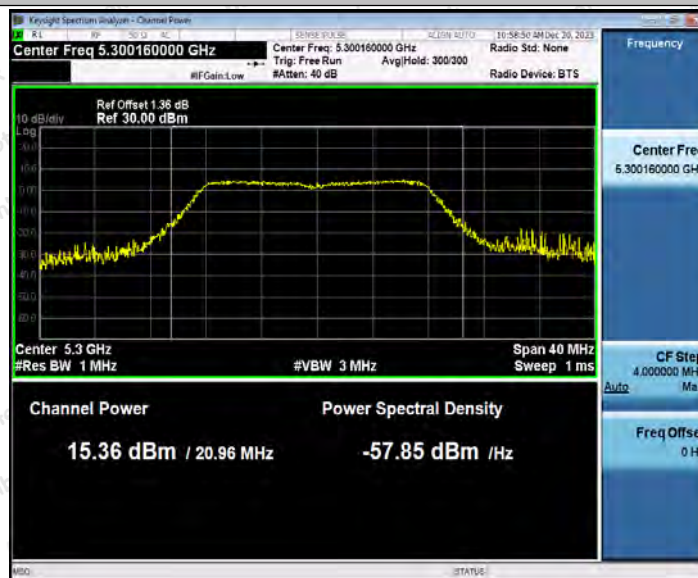




11A_Ant1_5260



11A_Ant1_5300



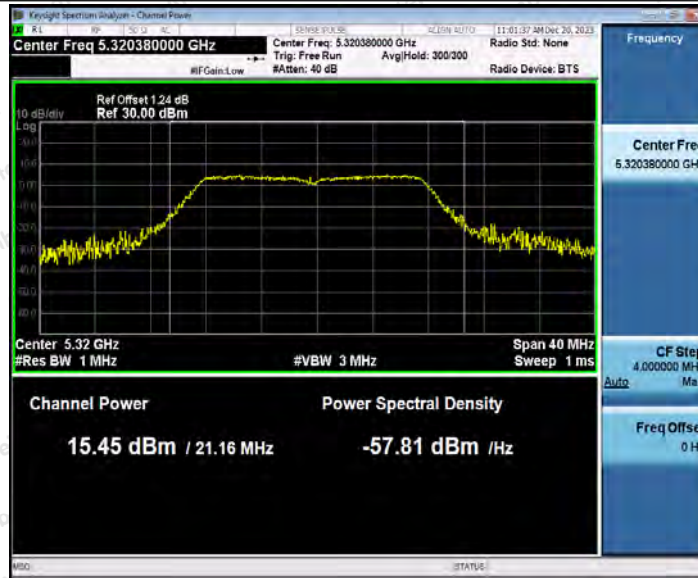
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11A_Ant1_5320



11N20SISO_Ant1_5180



11N20SISO_Ant1_5200





11N20SISO_Ant1_5240



11N20SISO_Ant1_5260



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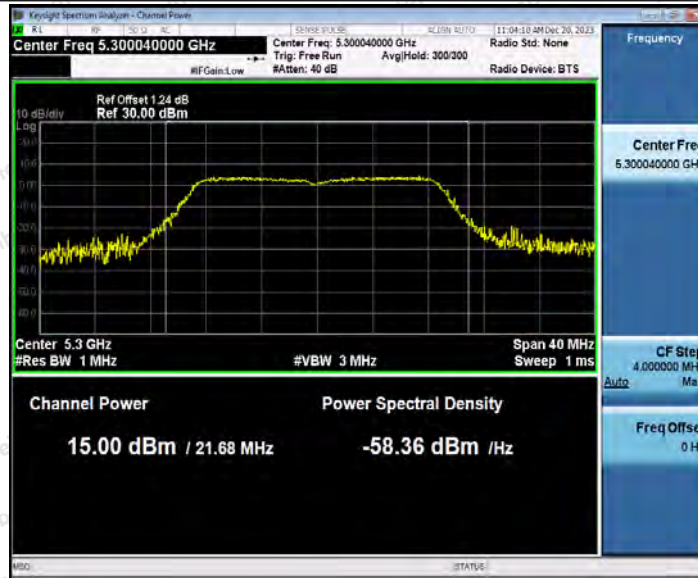
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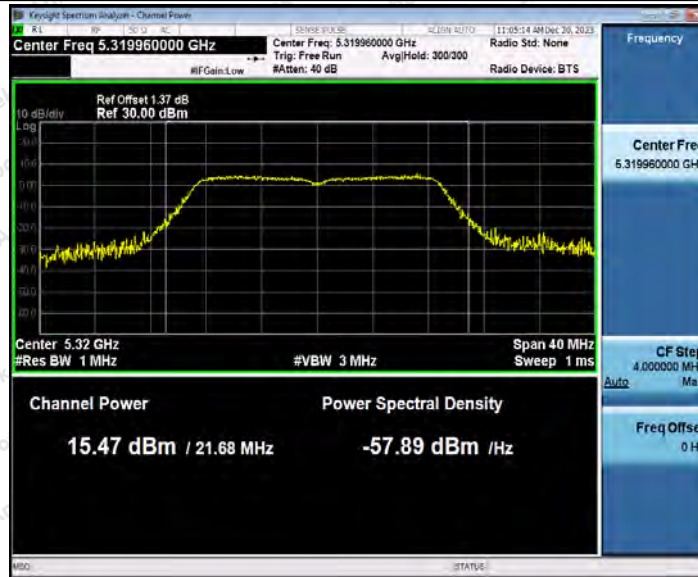
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11N20SISO_Ant1_5300



11N20SISO_Ant1_5320



11N40SISO_Ant1_5190

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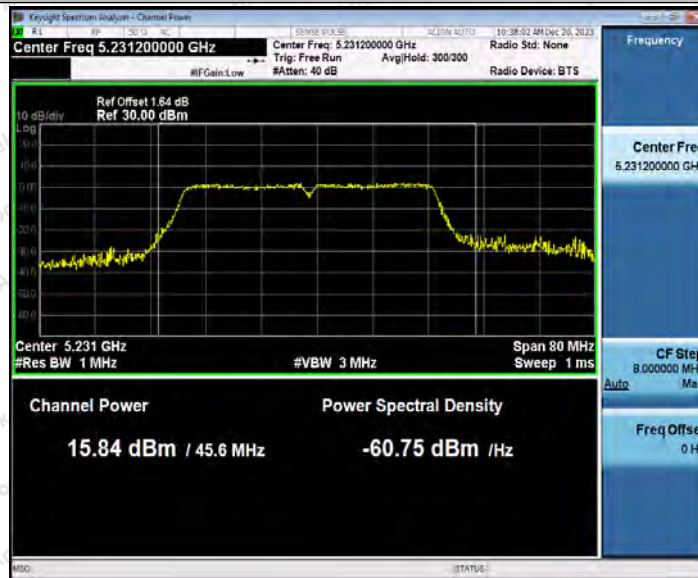


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11N40SISO_Ant1_5230



11N40SISO_Ant1_5270



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11N40SISO_Ant1_5310



11AC20SISO_Ant1_5180

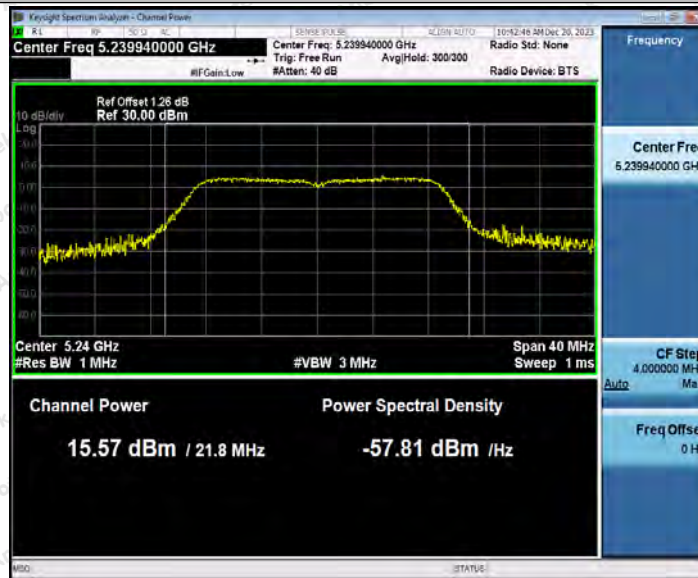


11AC20SISO_Ant1_5200





11AC20SISO_Ant1_5240



11AC20SISO_Ant1_5260



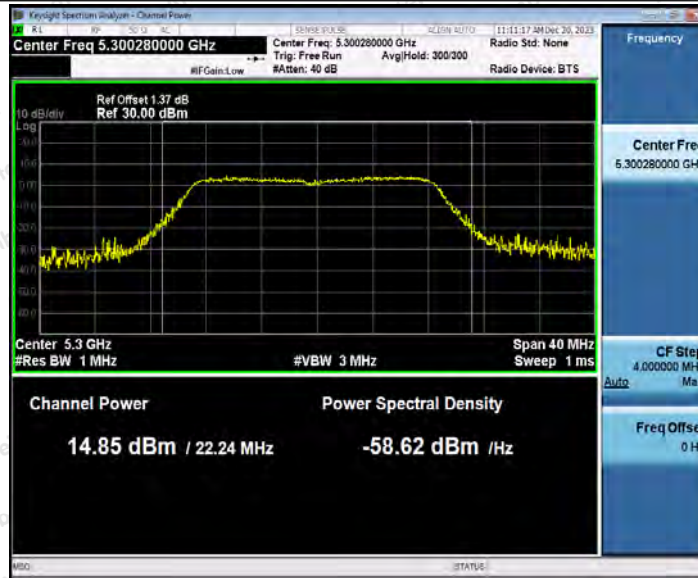
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11AC20SISO_Ant1_5300



11AC20SISO_Ant1_5320



11AC40SISO_Ant1_5190





11AC40SISO_Ant1_5230



11AC40SISO_Ant1_5270



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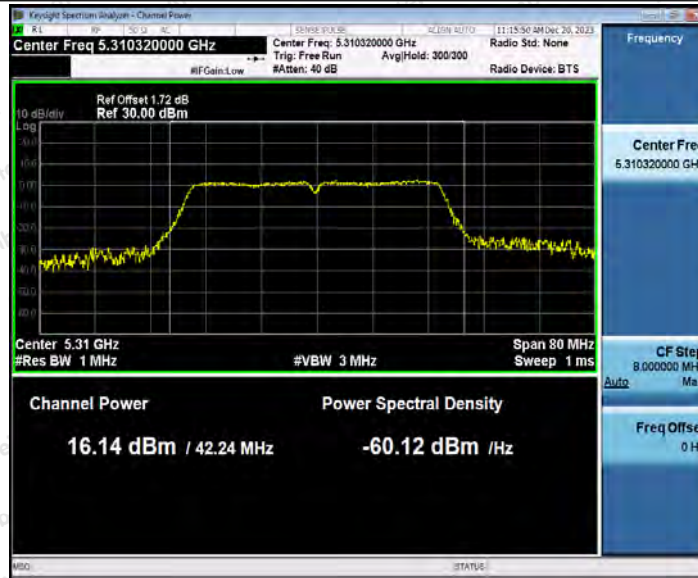
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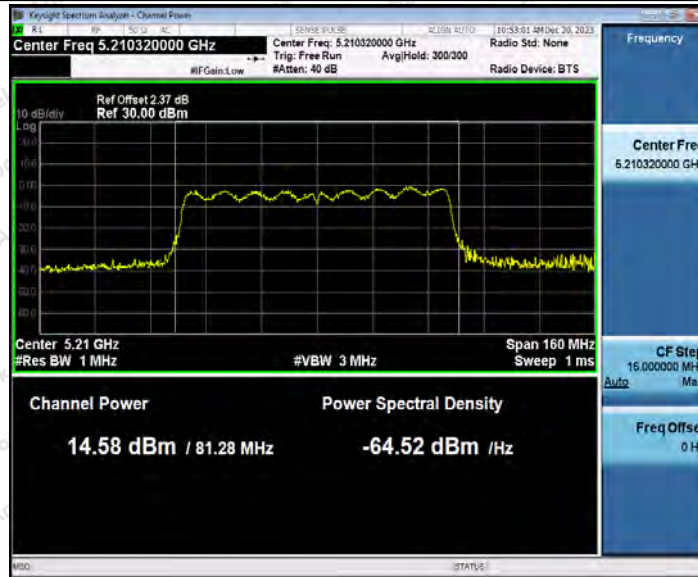
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11AC40SISO_Ant1_5310



11AC80SISO_Ant1_5210



11AC80SISO_Ant1_5290

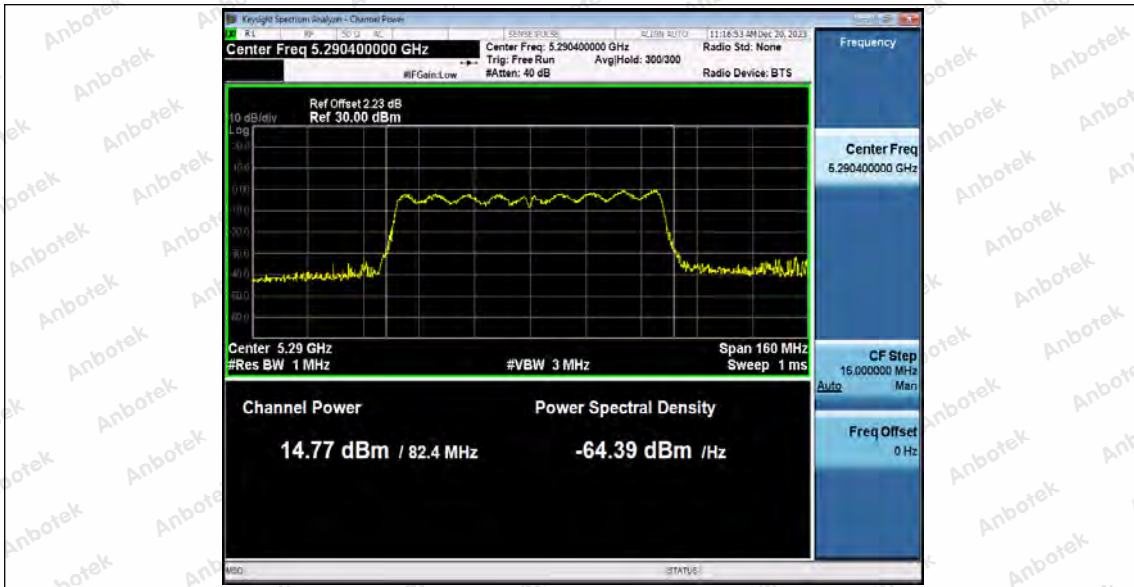
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Appendix D: Maximum power spectral density

Test Result B1/2

| TestMode | Antenna | Frequency[MHz] | Result [dBm/MHz] | Limit[dBm/MHz] | Verdict |
|------------|---------|----------------|------------------|----------------|---------|
| 11A | Ant1 | 5180 | -1.58 | ≤11.00 | PASS |
| | | 5200 | -1.02 | ≤11.00 | PASS |
| | | 5240 | -0.23 | ≤11.00 | PASS |
| | | 5260 | -1.34 | ≤11.00 | PASS |
| | | 5300 | -0.69 | ≤11.00 | PASS |
| | | 5320 | -0.72 | ≤11.00 | PASS |
| 11N20SISO | Ant1 | 5180 | -2.4 | ≤11.00 | PASS |
| | | 5200 | -1.54 | ≤11.00 | PASS |
| | | 5240 | -0.5 | ≤11.00 | PASS |
| | | 5260 | -2 | ≤11.00 | PASS |
| | | 5300 | -1.38 | ≤11.00 | PASS |
| | | 5320 | -0.87 | ≤11.00 | PASS |
| 11N40SISO | Ant1 | 5190 | -4.56 | ≤11.00 | PASS |
| | | 5230 | -3.81 | ≤11.00 | PASS |
| | | 5270 | -4.59 | ≤11.00 | PASS |
| | | 5310 | -3.37 | ≤11.00 | PASS |
| 11AC20SISO | Ant1 | 5180 | -2.22 | ≤11.00 | PASS |
| | | 5200 | -1.79 | ≤11.00 | PASS |
| | | 5240 | -0.62 | ≤11.00 | PASS |
| | | 5260 | -2.16 | ≤11.00 | PASS |
| | | 5300 | -1.33 | ≤11.00 | PASS |
| | | 5320 | -0.22 | ≤11.00 | PASS |
| 11AC40SISO | Ant1 | 5190 | -4.92 | ≤11.00 | PASS |
| | | 5230 | -4.72 | ≤11.00 | PASS |
| | | 5270 | -4.3 | ≤11.00 | PASS |
| | | 5310 | -3.1 | ≤11.00 | PASS |
| 11AC80SISO | Ant1 | 5210 | -6.92 | ≤11.00 | PASS |
| | | 5290 | -6.59 | ≤11.00 | PASS |

Note: 1.The Duty Cycle Factor and RBW Factor is compensated in the graph.

Test Graphs B1/2

11A_Ant1_5180

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11A_Ant1_5200



11A_Ant1_5240



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11A_Ant1_5260



11A_Ant1_5300



11A_Ant1_5320

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11N20SISO_Ant1_5180



11N20SISO_Ant1_5200



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11N20SISO_Ant1_5240



11N20SISO_Ant1_5260



11N20SISO_Ant1_5300

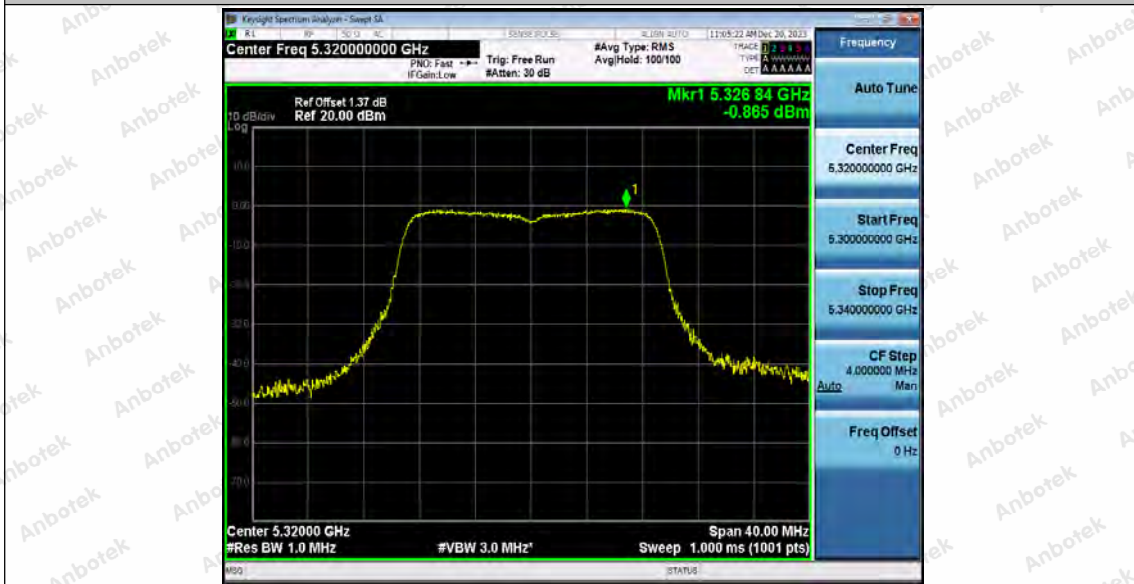
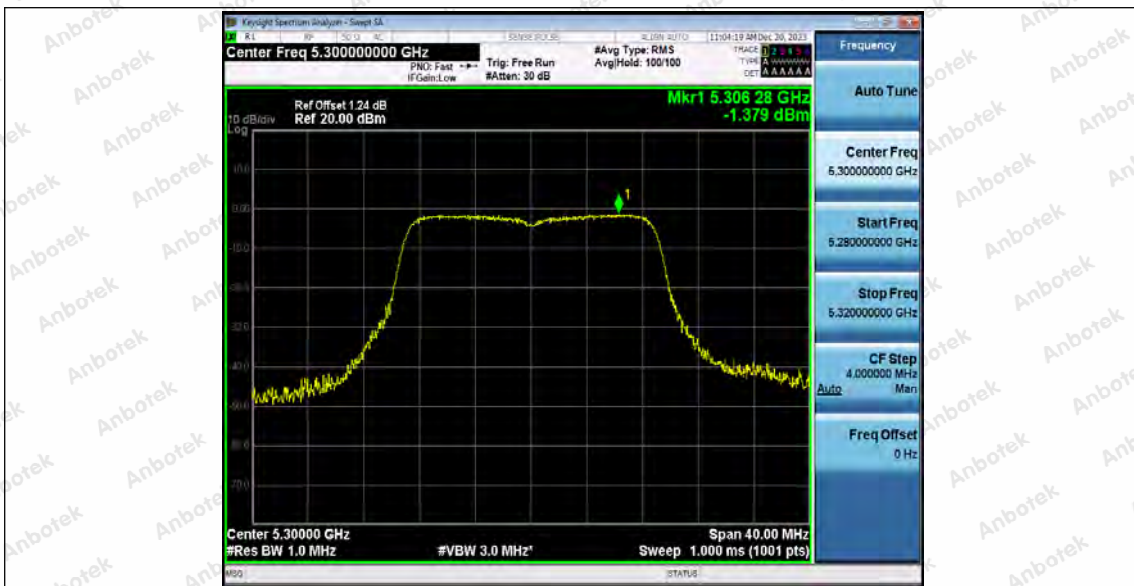
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11N40SISO_Ant1_5230



11N40SISO_Ant1_5270



11N40SISO_Ant1_5310

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