



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:2BK77-R-W52506

GRCTR250502041-02

Appendix A1: Emission Bandwidth

Test Result

Test Mode	Antenna	Frequency[MHz]	26db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5180	18.400	5170.760	5189.160	---	---
11A	Ant1	5200	18.360	5190.680	5209.040	---	---
11A	Ant1	5240	18.400	5230.800	5249.200	---	---
11A	Ant1	5260	18.520	5250.640	5269.160	---	---
11A	Ant1	5280	18.520	5270.680	5289.200	---	---
11A	Ant1	5320	18.640	5310.680	5329.320	---	---
11A	Ant1	5500	18.360	5490.720	5509.080	---	---
11A	Ant1	5580	18.480	5570.720	5589.200	---	---
11A	Ant1	5700	18.720	5690.600	5709.320	---	---
11A	Ant1	5745	18.600	5735.640	5754.240	---	---
11A	Ant1	5785	18.520	5775.680	5794.200	---	---
11A	Ant1	5825	18.480	5815.600	5834.080	---	---
11N20SISO	Ant1	5180	19.400	5170.200	5189.600	---	---
11N20SISO	Ant1	5200	19.440	5190.200	5209.640	---	---
11N20SISO	Ant1	5240	19.320	5230.280	5249.600	---	---
11N20SISO	Ant1	5260	19.400	5250.200	5269.600	---	---
11N20SISO	Ant1	5280	19.320	5270.240	5289.560	---	---
11N20SISO	Ant1	5320	19.400	5310.160	5329.560	---	---
11N20SISO	Ant1	5500	19.480	5490.160	5509.640	---	---
11N20SISO	Ant1	5580	19.440	5570.200	5589.640	---	---
11N20SISO	Ant1	5700	19.560	5690.120	5709.680	---	---
11N20SISO	Ant1	5745	19.480	5735.080	5754.560	---	---
11N20SISO	Ant1	5785	19.520	5775.120	5794.640	---	---
11N20SISO	Ant1	5825	19.280	5815.240	5834.520	---	---
11N40SISO	Ant1	5190	40.800	5169.360	5210.160	---	---
11N40SISO	Ant1	5230	40.960	5209.200	5250.160	---	---
11N40SISO	Ant1	5270	41.040	5249.200	5290.240	---	---
11N40SISO	Ant1	5310	40.800	5289.200	5330.000	---	---
11N40SISO	Ant1	5510	40.560	5489.600	5530.160	---	---
11N40SISO	Ant1	5550	40.960	5529.760	5570.720	---	---
11N40SISO	Ant1	5670	40.800	5649.600	5690.400	---	---
11N40SISO	Ant1	5755	40.640	5734.520	5775.160	---	---
11N40SISO	Ant1	5795	40.720	5774.760	5815.480	---	---
11AC20SISO	Ant1	5180	19.280	5170.320	5189.600	---	---
11AC20SISO	Ant1	5200	19.240	5190.320	5209.560	---	---
11AC20SISO	Ant1	5240	19.480	5230.280	5249.760	---	---
11AC20SISO	Ant1	5260	19.320	5250.200	5269.520	---	---

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11AC20SISO	Ant1	5280	19.400	5270.200	5289.600	---	---
11AC20SISO	Ant1	5320	19.440	5310.080	5329.520	---	---
11AC20SISO	Ant1	5500	19.280	5490.240	5509.520	---	---
11AC20SISO	Ant1	5580	19.480	5570.120	5589.600	---	---
11AC20SISO	Ant1	5700	19.400	5690.200	5709.600	---	---
11AC20SISO	Ant1	5745	19.280	5735.200	5754.480	---	---
11AC20SISO	Ant1	5785	19.360	5775.280	5794.640	---	---
11AC20SISO	Ant1	5825	19.440	5815.160	5834.600	---	---
11AC40SISO	Ant1	5190	40.560	5169.520	5210.080	---	---
11AC40SISO	Ant1	5230	40.800	5209.760	5250.560	---	---
11AC40SISO	Ant1	5270	40.800	5249.360	5290.160	---	---
11AC40SISO	Ant1	5310	41.360	5288.800	5330.160	---	---
11AC40SISO	Ant1	5510	41.120	5489.360	5530.480	---	---
11AC40SISO	Ant1	5550	40.880	5529.440	5570.320	---	---
11AC40SISO	Ant1	5670	40.560	5649.520	5690.080	---	---
11AC40SISO	Ant1	5755	40.960	5734.200	5775.160	---	---
11AC40SISO	Ant1	5795	40.640	5774.760	5815.400	---	---
11AC80SISO	Ant1	5210	81.440	5169.360	5250.800	---	---
11AC80SISO	Ant1	5290	80.640	5249.360	5330.000	---	---
11AC80SISO	Ant1	5530	81.280	5489.520	5570.800	---	---
11AC80SISO	Ant1	5610	80.640	5569.520	5650.160	---	---
11AC80SISO	Ant1	5775	81.280	5734.360	5815.640	---	---
11AX20SISO	Ant1	5180	19.640	5170.120	5189.760	---	---
11AX20SISO	Ant1	5200	19.480	5190.160	5209.640	---	---
11AX20SISO	Ant1	5240	19.520	5230.120	5249.640	---	---
11AX20SISO	Ant1	5260	19.440	5250.280	5269.720	---	---
11AX20SISO	Ant1	5280	19.240	5270.280	5289.520	---	---
11AX20SISO	Ant1	5320	19.360	5310.200	5329.560	---	---
11AX20SISO	Ant1	5500	19.520	5490.160	5509.680	---	---
11AX20SISO	Ant1	5580	19.400	5570.240	5589.640	---	---
11AX20SISO	Ant1	5700	19.360	5690.240	5709.600	---	---
11AX20SISO	Ant1	5745	19.600	5735.080	5754.680	---	---
11AX20SISO	Ant1	5785	19.480	5775.160	5794.640	---	---
11AX20SISO	Ant1	5825	19.600	5815.120	5834.720	---	---
11AX40SISO	Ant1	5190	40.640	5169.680	5210.320	---	---
11AX40SISO	Ant1	5230	40.880	5209.440	5250.320	---	---
11AX40SISO	Ant1	5270	40.720	5249.440	5290.160	---	---
11AX40SISO	Ant1	5310	41.360	5289.040	5330.400	---	---
11AX40SISO	Ant1	5510	40.560	5489.600	5530.160	---	---
11AX40SISO	Ant1	5550	41.280	5529.120	5570.400	---	---
11AX40SISO	Ant1	5670	40.960	5649.440	5690.400	---	---
11AX40SISO	Ant1	5755	41.200	5734.120	5775.320	---	---



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11AX40SISO	Ant1	5795	40.960	5774.440	5815.400	---	---
11AX80SISO	Ant1	5210	80.800	5169.520	5250.320	---	---
11AX80SISO	Ant1	5290	80.320	5249.680	5330.000	---	---
11AX80SISO	Ant1	5530	81.760	5489.200	5570.960	---	---
11AX80SISO	Ant1	5610	80.640	5570.000	5650.640	---	---
11AX80SISO	Ant1	5775	81.600	5734.360	5815.960	---	---

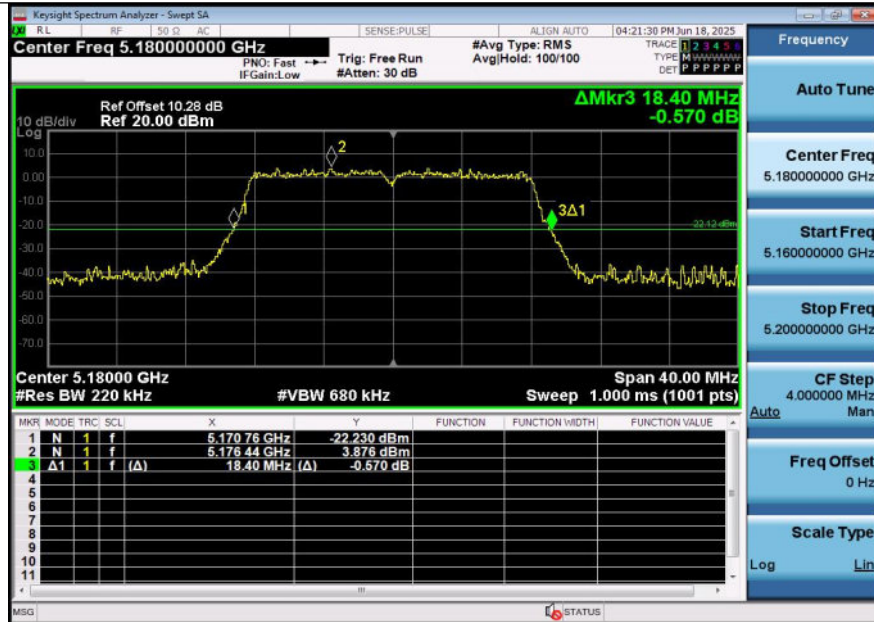


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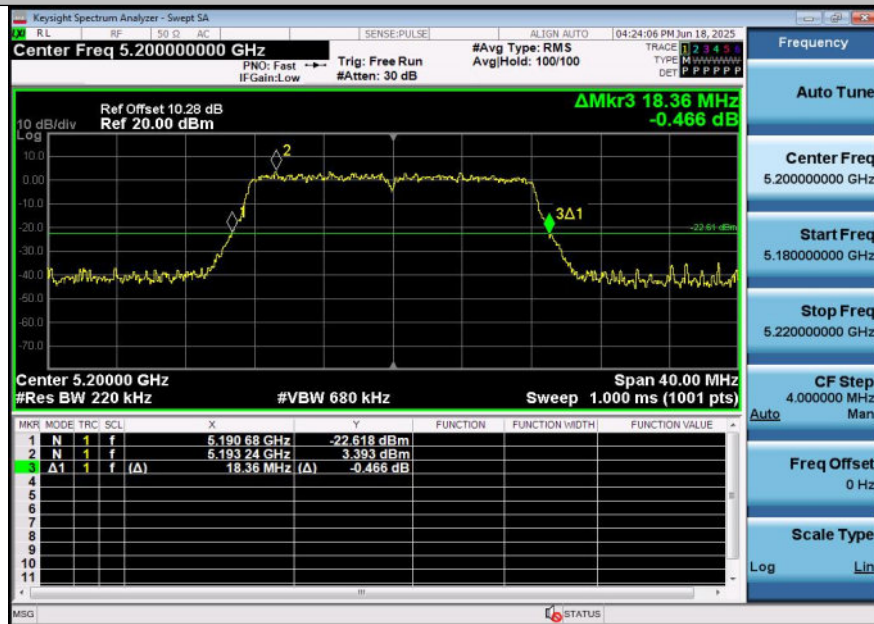
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Test Graphs



11A-Ant1-5180



11A-Ant1-5200



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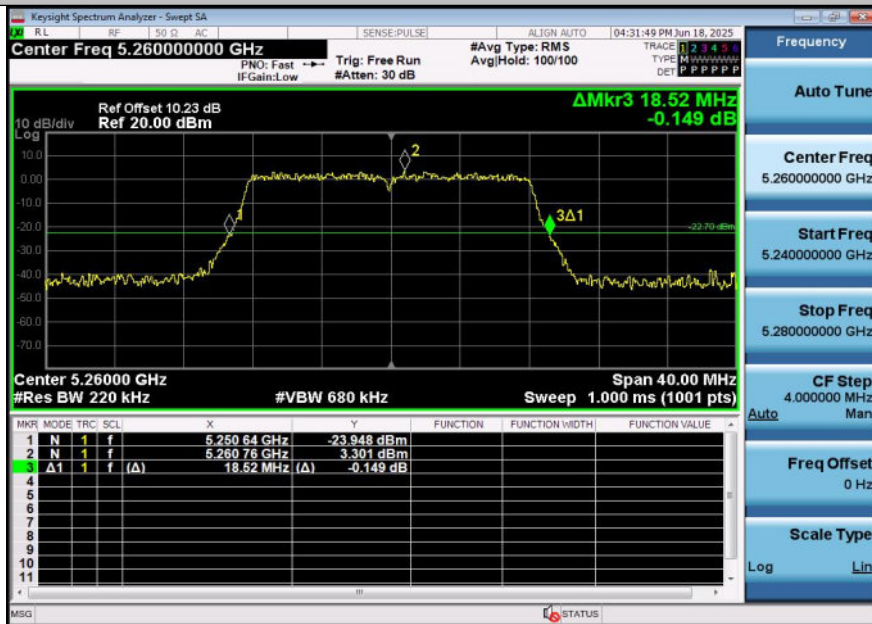
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11A-Ant1-5240



11A-Ant1-5260



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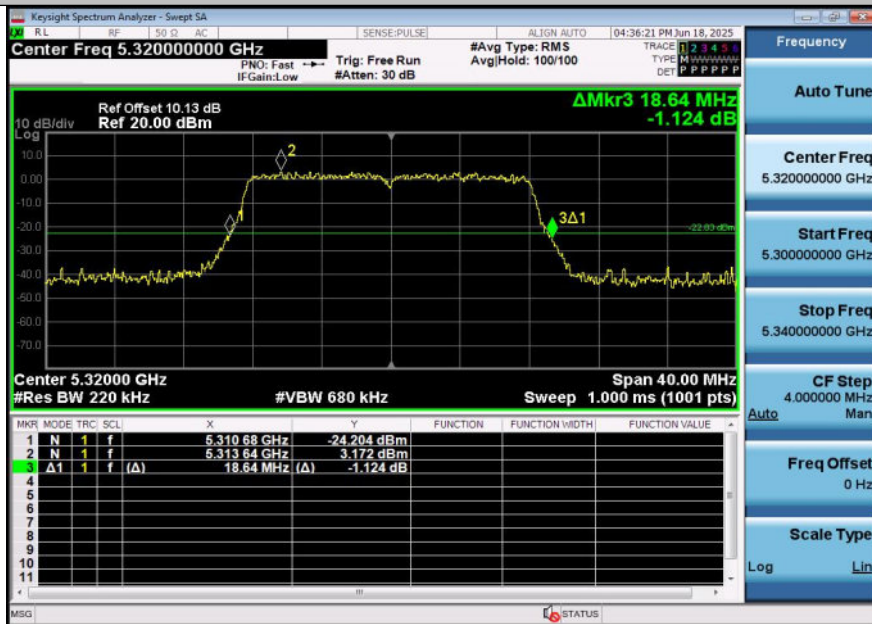
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11A-Ant1-5280



11A-Ant1-5320



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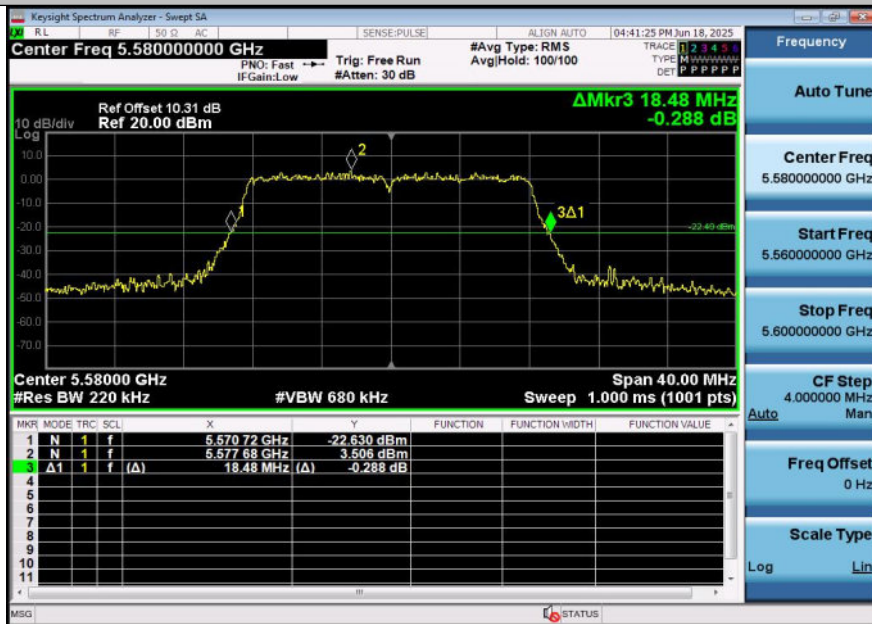
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11A-Ant1-5500



11A-Ant1-5580



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11A-Ant1-5700



11A-Ant1-5745



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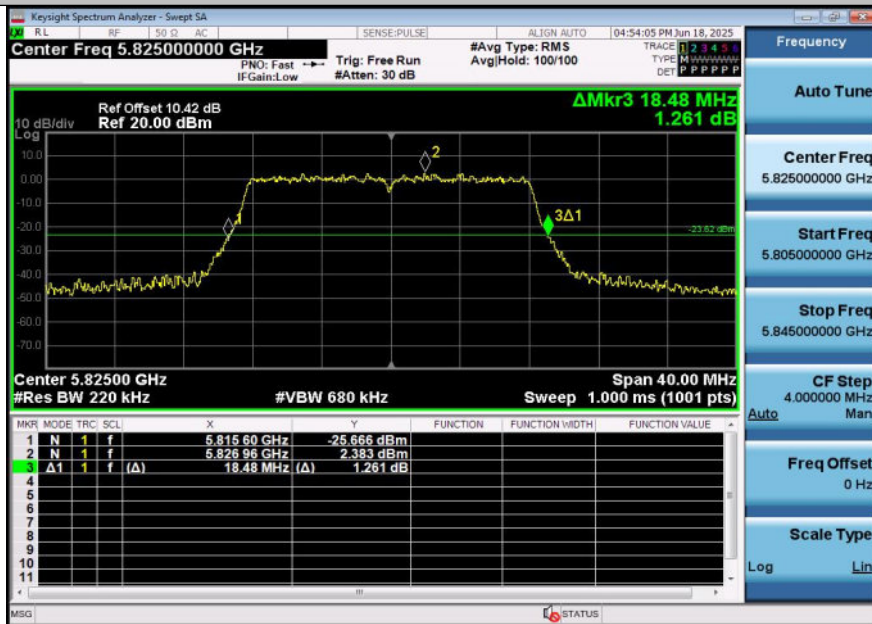
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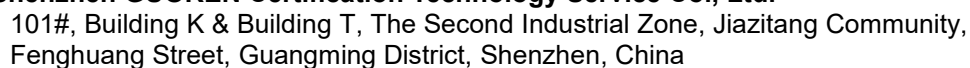
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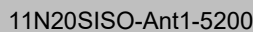
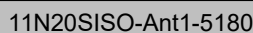
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11A-Ant1-5825



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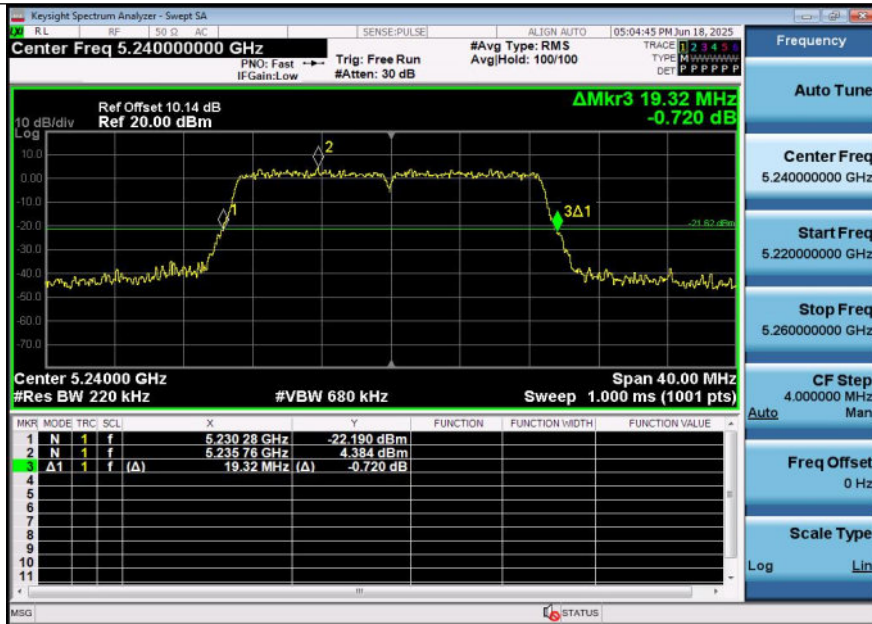


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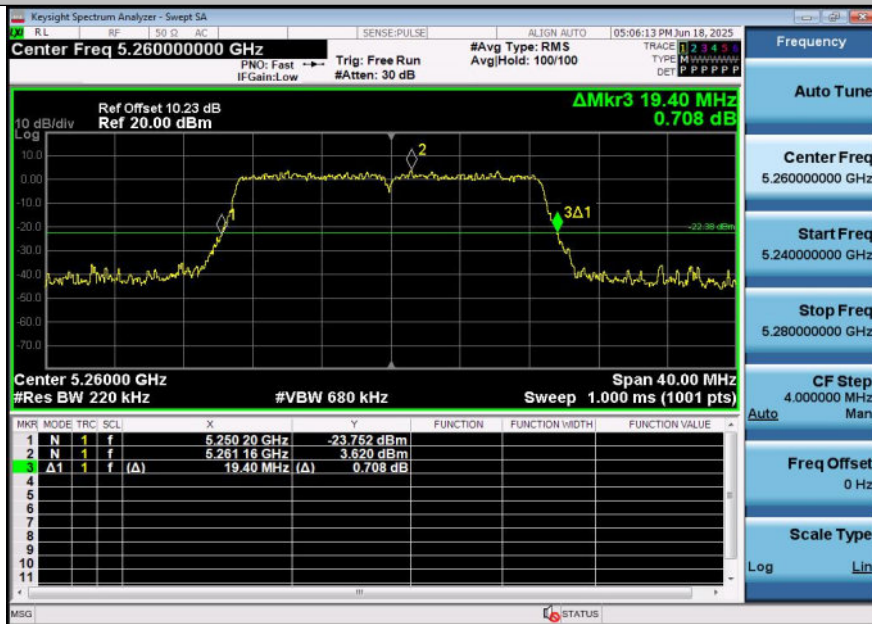
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11N20SISO-Ant1-5240



11N20SISO-Ant1-5260

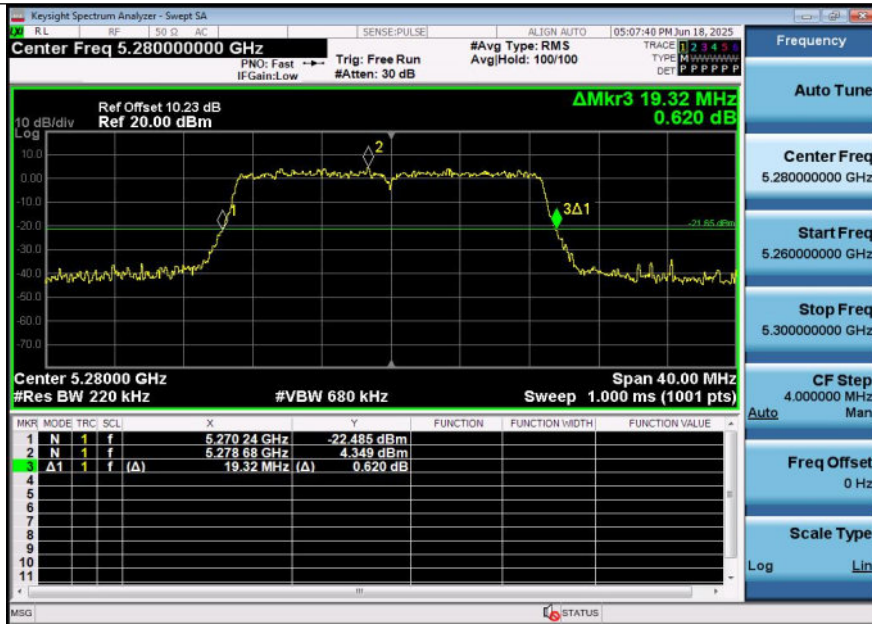


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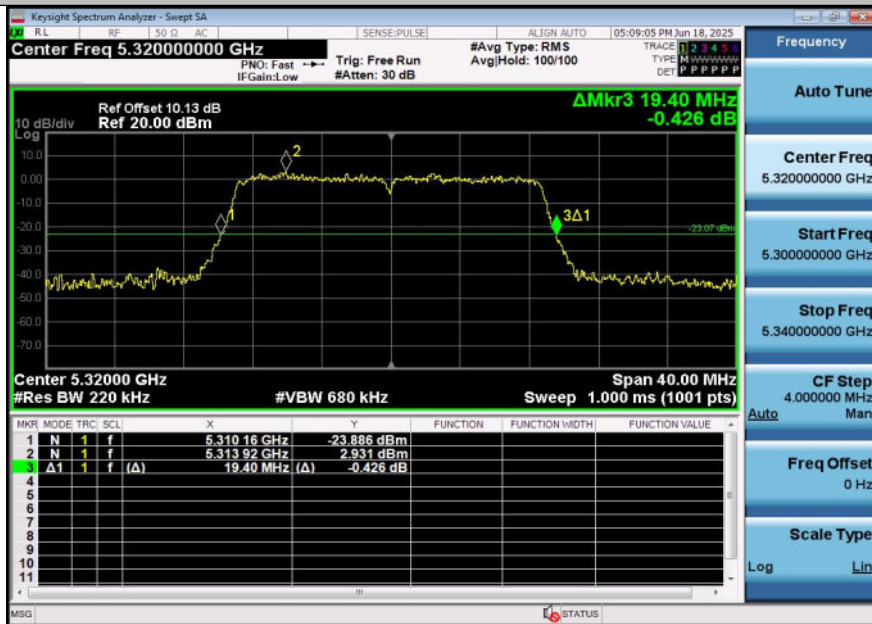
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11N20SISO-Ant1-5280



11N20SISO-Ant1-5320

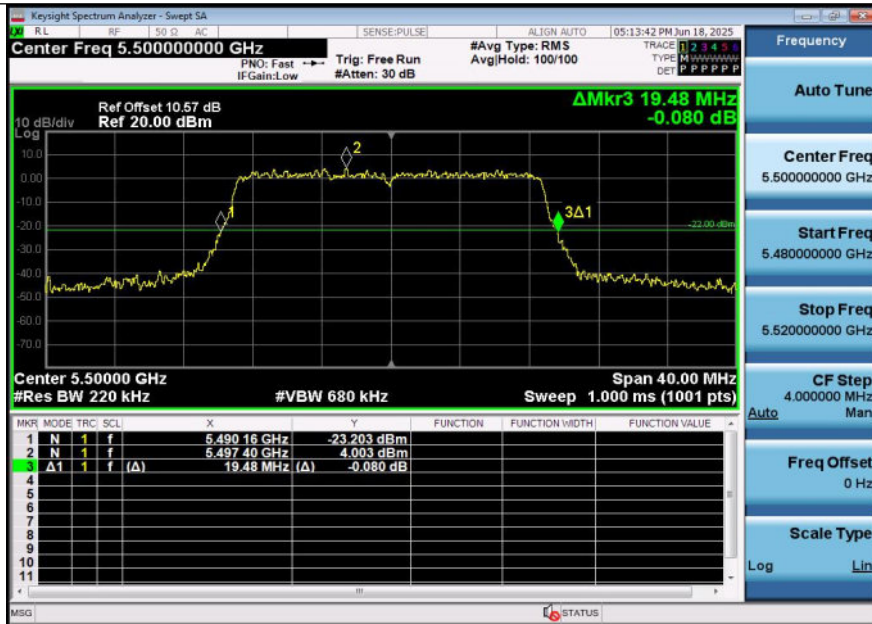


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11N20SISO-Ant1-5500



11N20SISO-Ant1-5580



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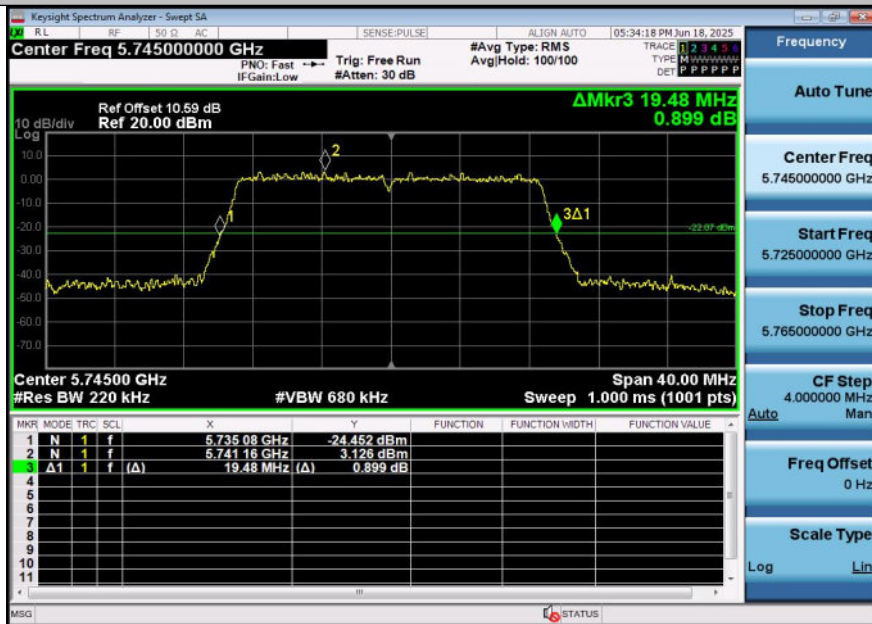
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11N20SISO-Ant1-5700



11N20SISO-Ant1-5745



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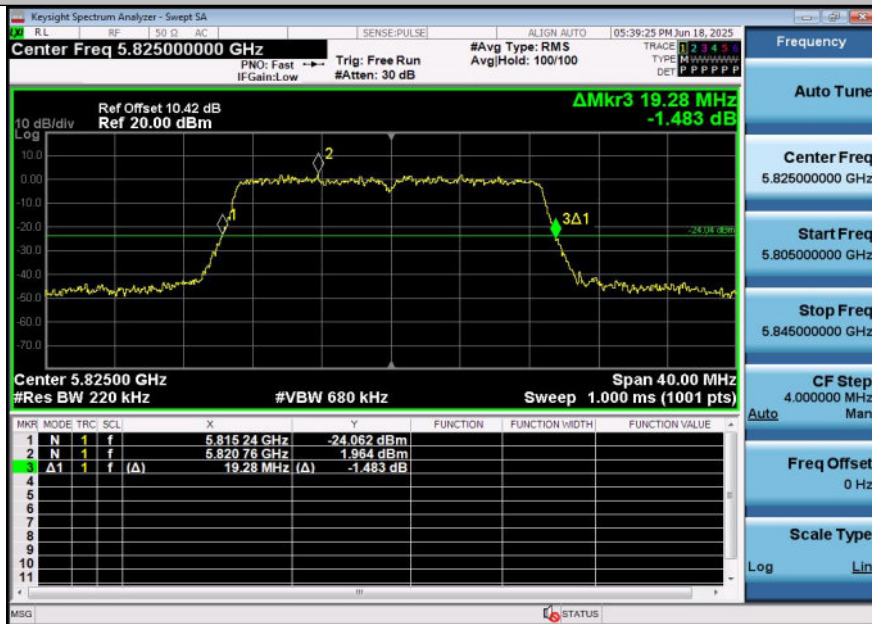
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11N20SISO-Ant1-5785



11N20SISO-Ant1-5825



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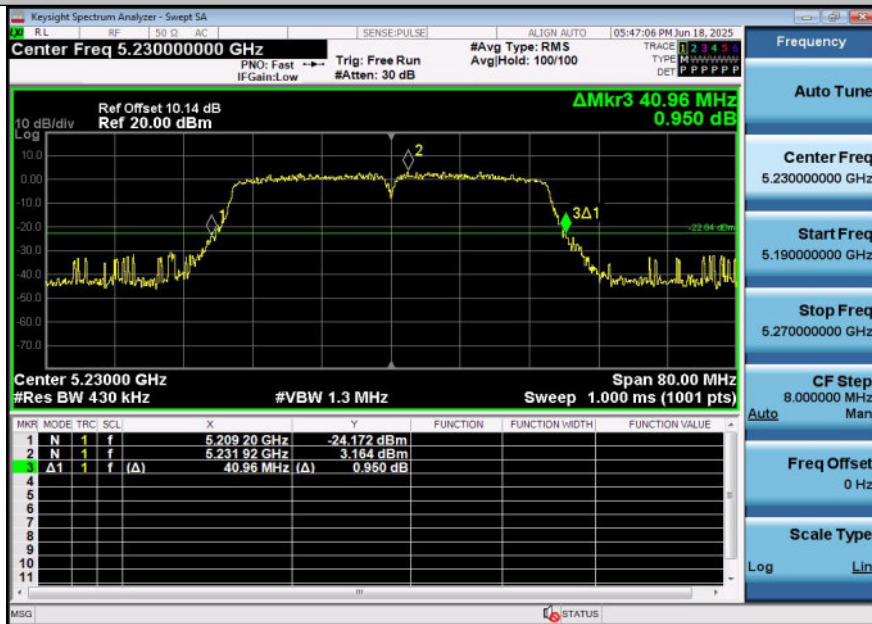
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11N40SISO-Ant1-5190



11N40SISO-Ant1-5230



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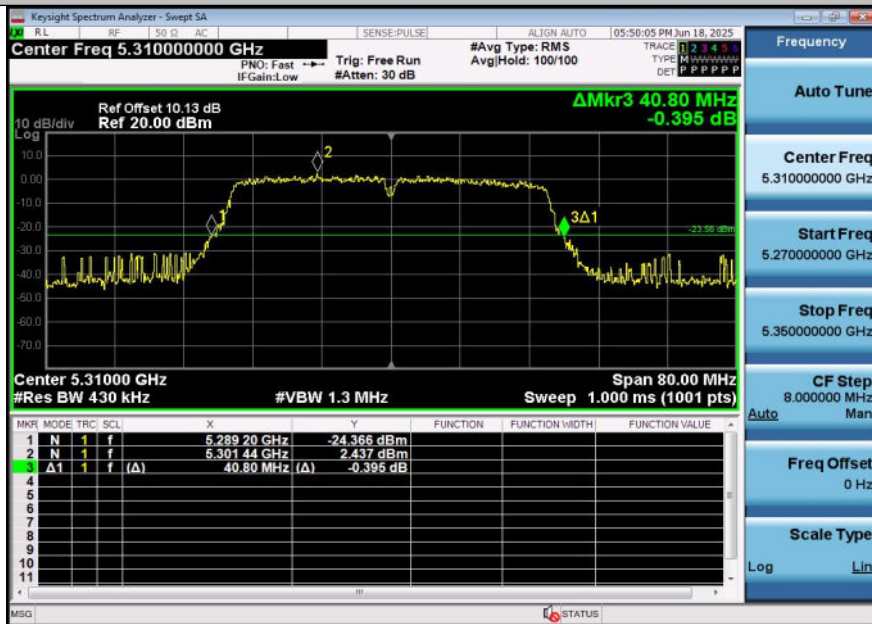
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11N40SISO-Ant1-5270



11N40SISO-Ant1-5310

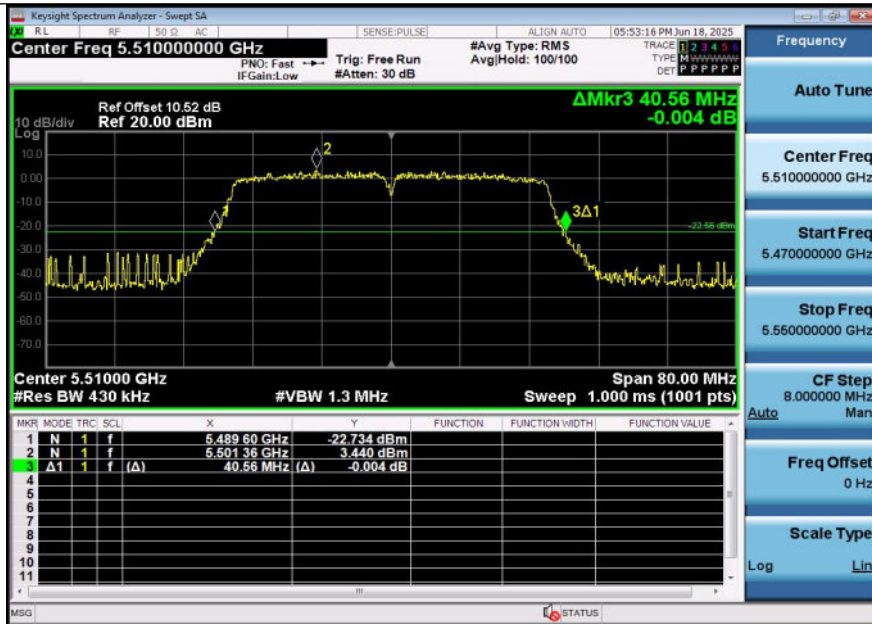


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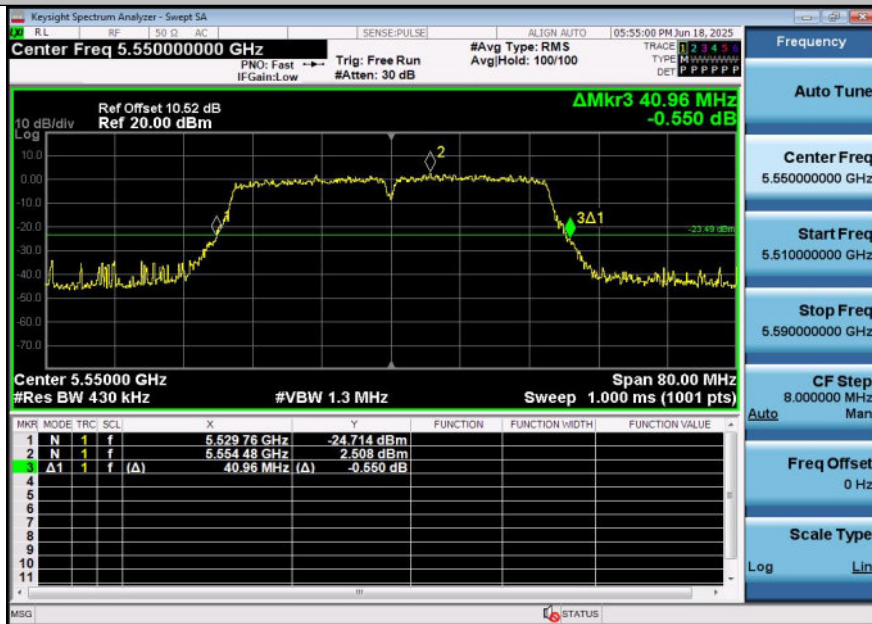
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11N40SISO-Ant1-5510



11N40SISO-Ant1-5550



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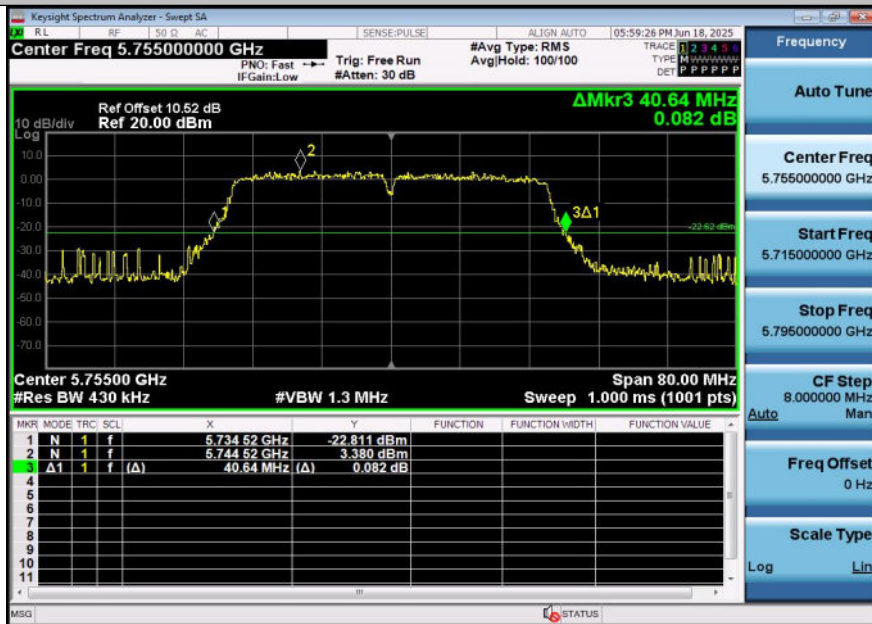
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11N40SISO-Ant1-5670



11N40SISO-Ant1-5755



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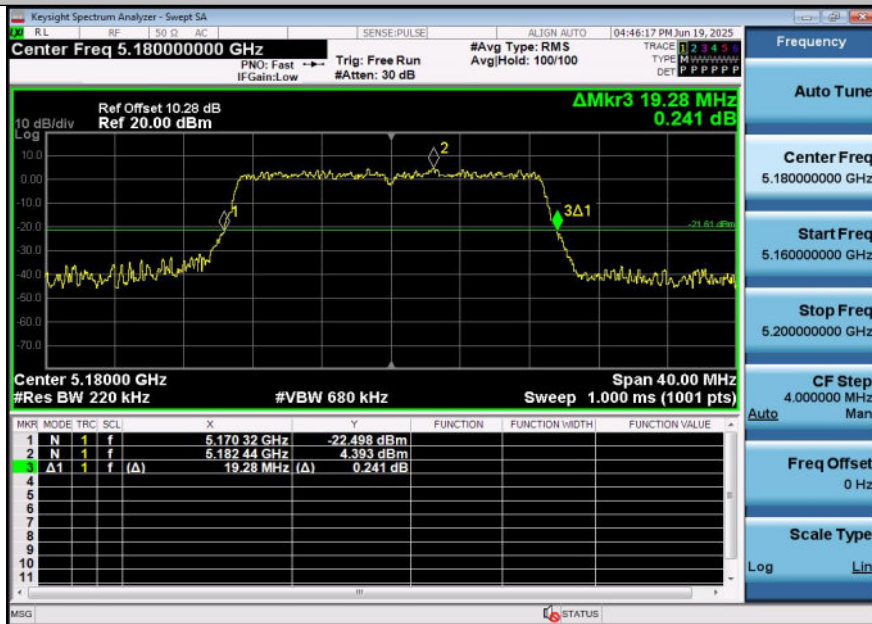
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11N40SISO-Ant1-5795



11AC20SISO-Ant1-5180

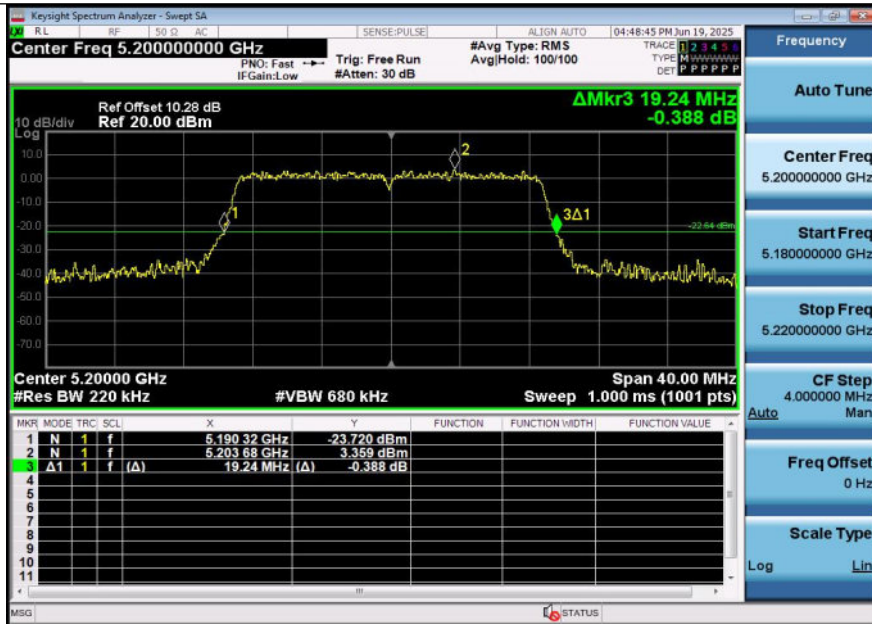


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11AC20SISO-Ant1-5200



11AC20SISO-Ant1-5240



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11AC20SISO-Ant1-5260



11AC20SISO-Ant1-5280

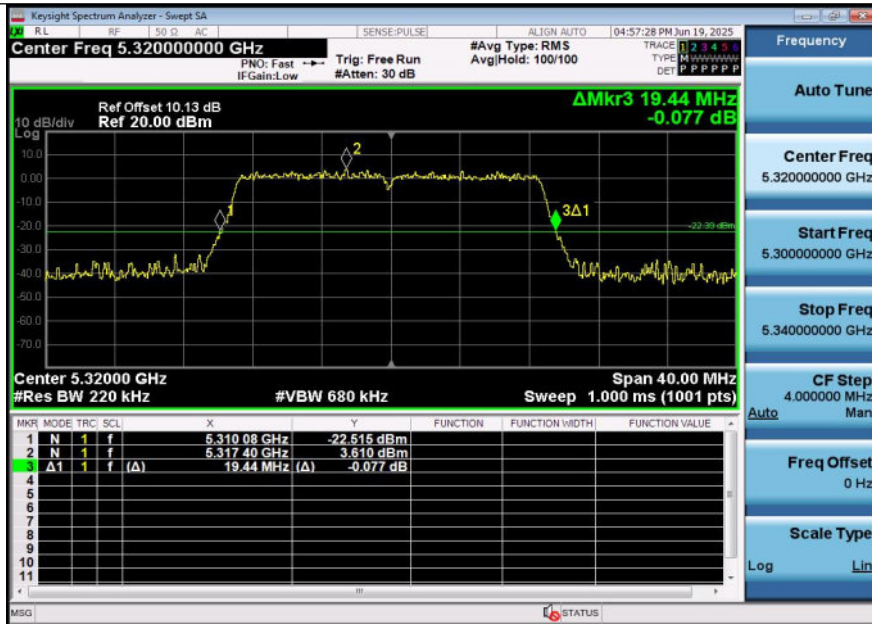


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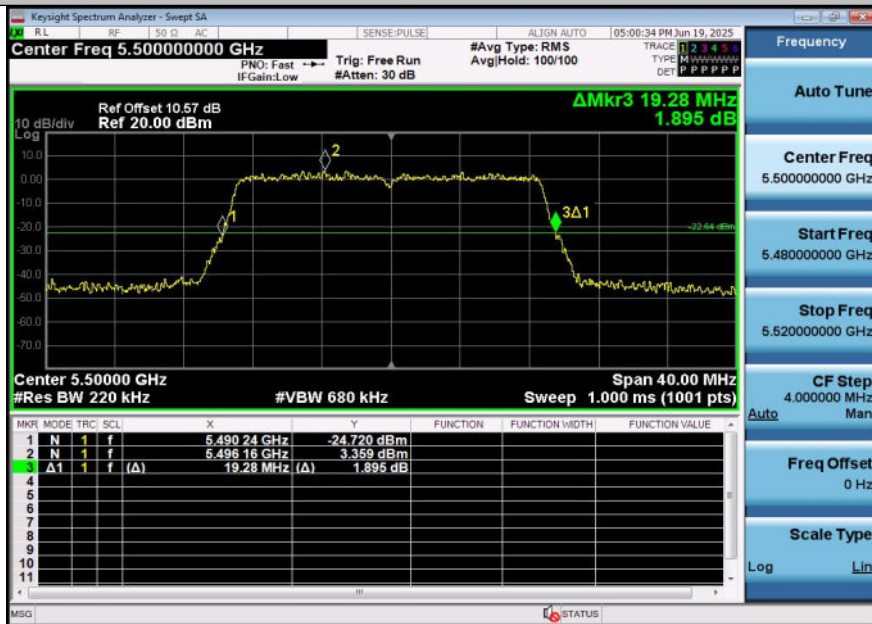
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11AC20SISO-Ant1-5320



11AC20SISO-Ant1-5500



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11AC20SISO-Ant1-5580



11AC20SISO-Ant1-5700



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11AC20SISO-Ant1-5745



11AC20SISO-Ant1-5785



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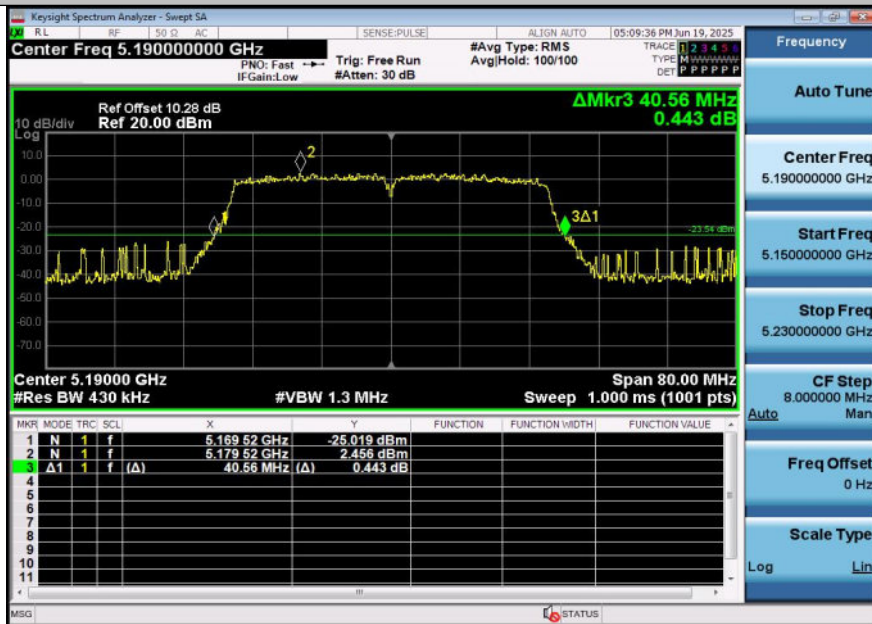
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11AC20SISO-Ant1-5825



11AC40SISO-Ant1-5190

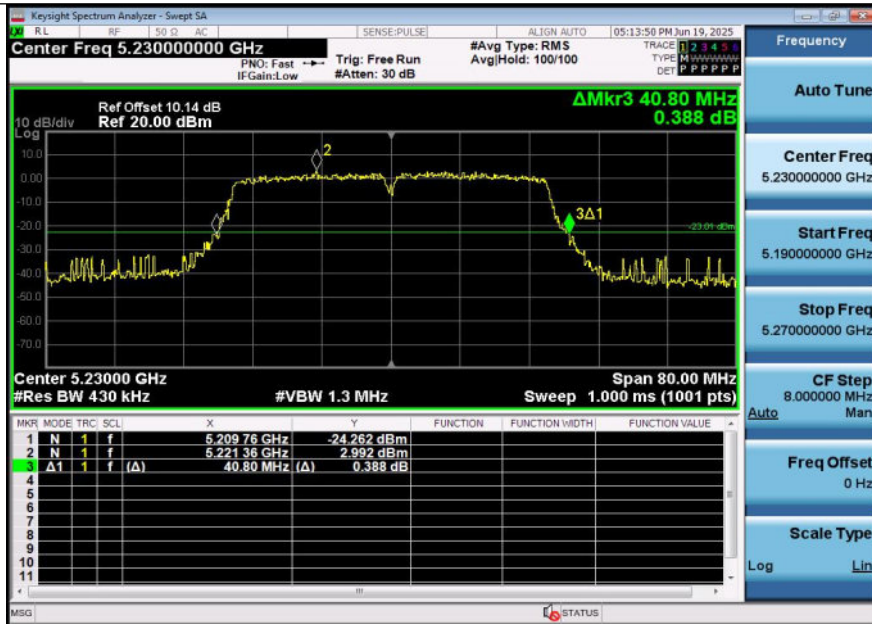


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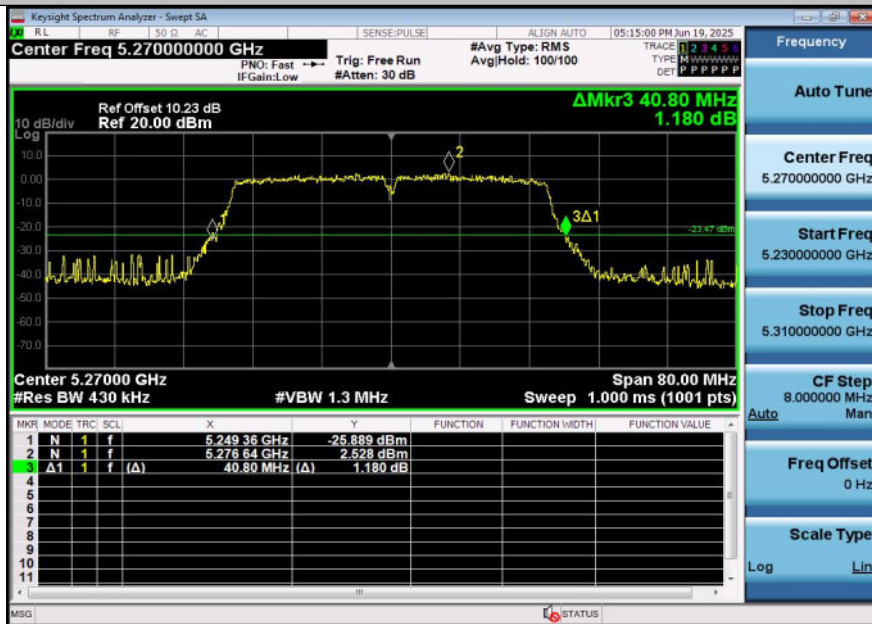
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11AC40SISO-Ant1-5230



11AC40SISO-Ant1-5270



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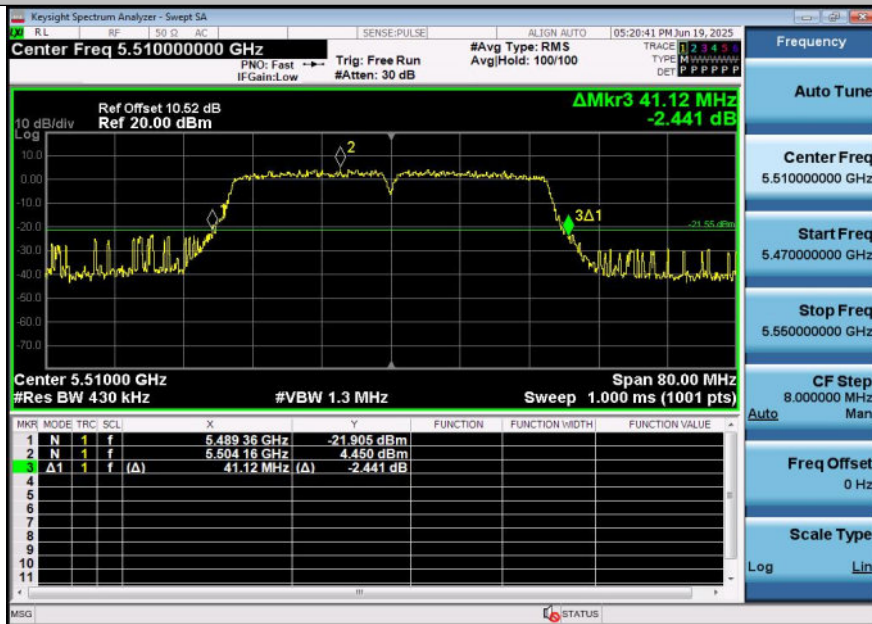
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11AC40SISO-Ant1-5510



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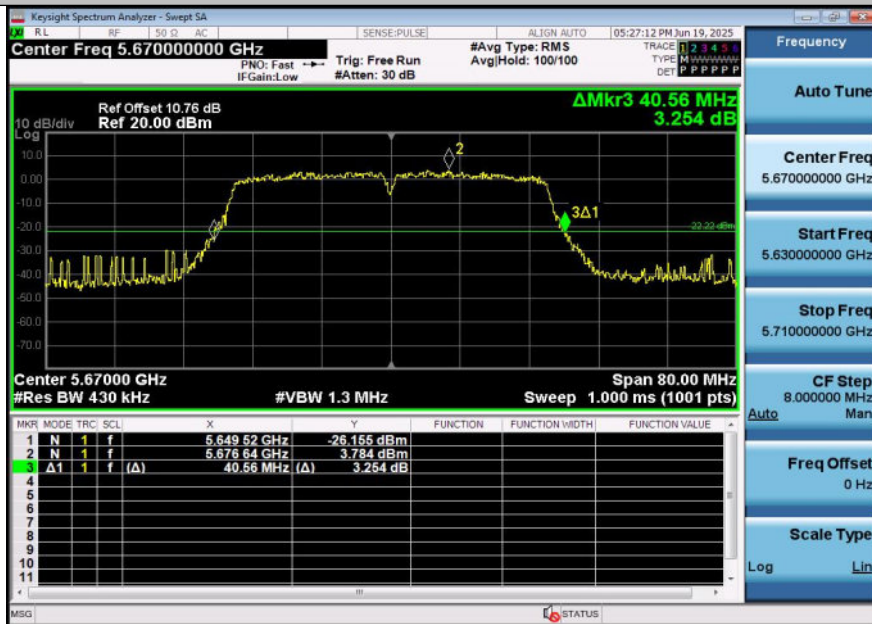
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11AC40SISO-Ant1-5550



11AC40SISO-Ant1-5670



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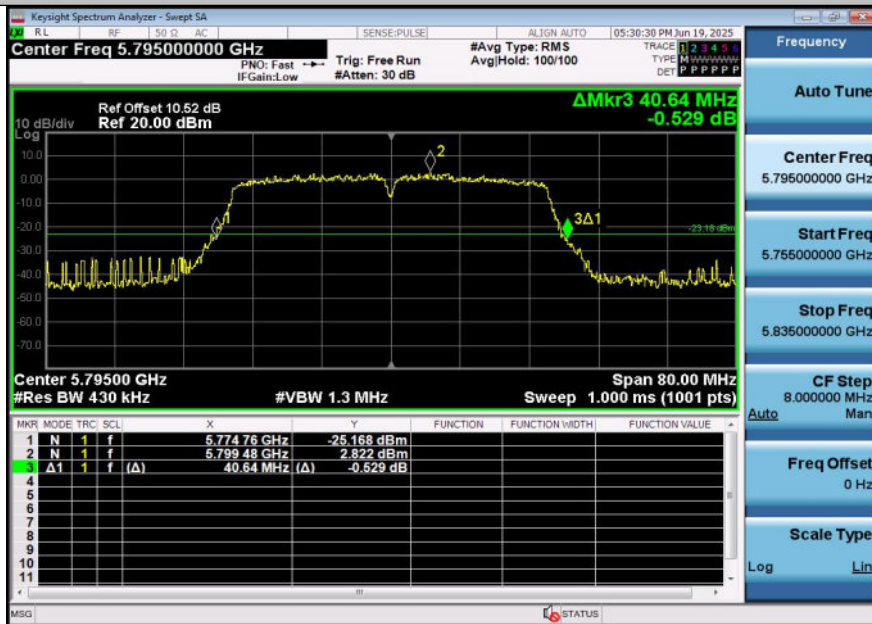
101#, Building K & Building T, The Second Industrial Zone, Jiazitang Community,
Fenghuang Street, Guangming District, Shenzhen, China

FCC ID:2BK77-R-W52506

GRCTR250502041-02



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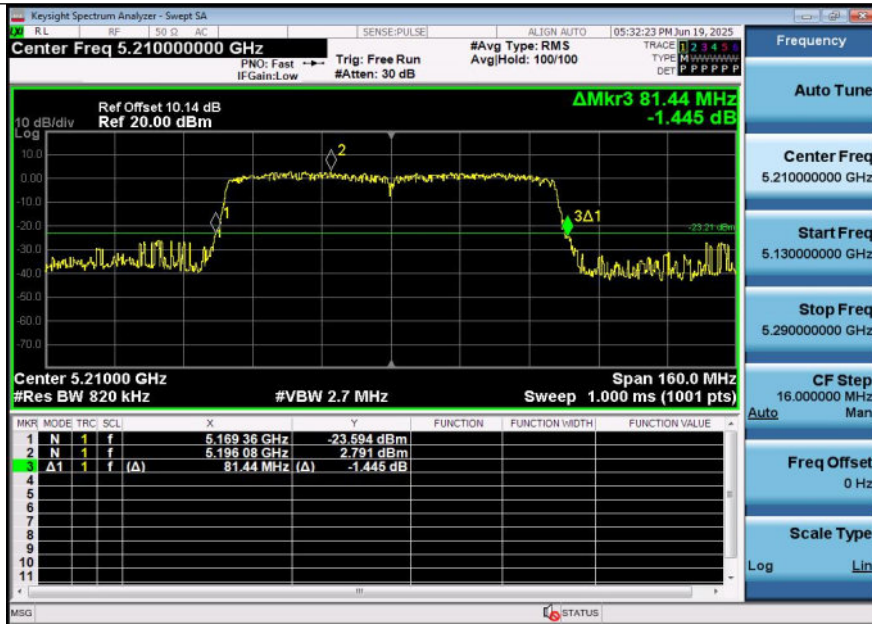


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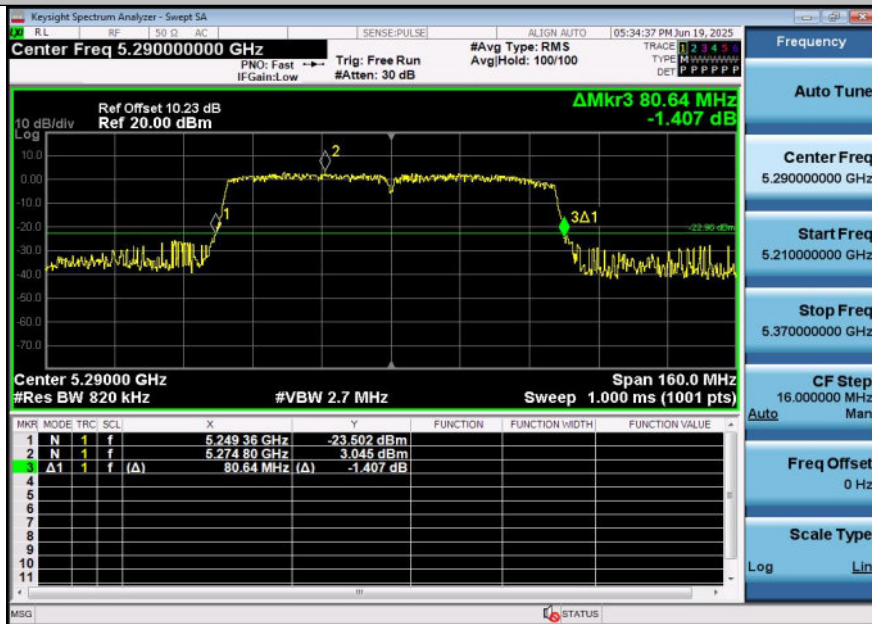
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11AC80SISO-Ant1-5210



11AC80SISO-Ant1-5290



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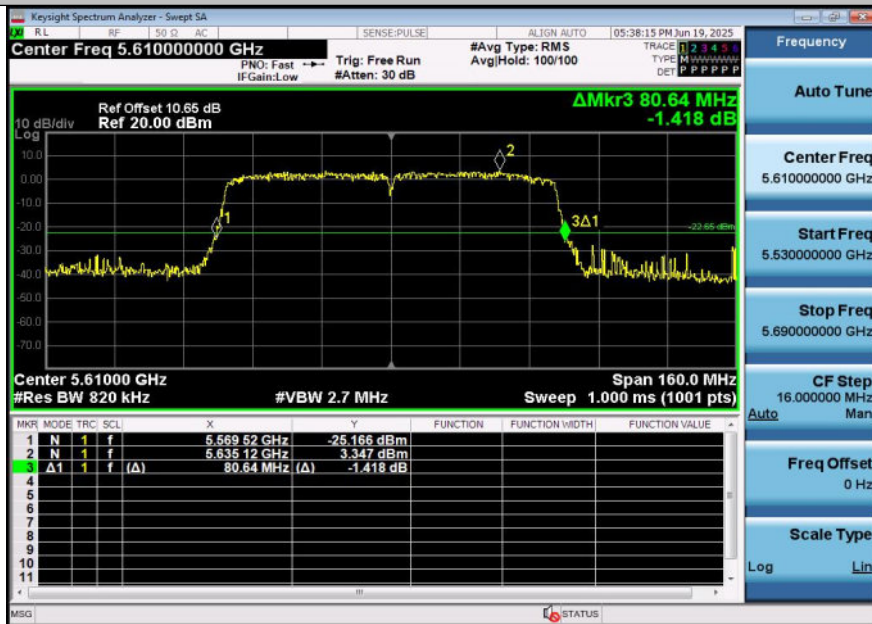
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11AC80SISO-Ant1-5530



11AC80SISO-Ant1-5610