



Appendix A1: Emission Bandwidth

Ant 1

Test Result

Test Mode	Antenna	Frequency[MHz]	26db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5180	22.120	5169.040	5191.160	---	---
11A	Ant1	5200	21.760	5189.200	5210.960	---	---
11A	Ant1	5240	22.720	5228.480	5251.200	---	---
11A	Ant1	5260	22.160	5249.040	5271.200	---	---
11A	Ant1	5280	22.480	5268.720	5291.200	---	---
11A	Ant1	5320	22.760	5308.520	5331.280	---	---
11A	Ant1	5500	22.280	5488.640	5510.920	---	---
11A	Ant1	5580	22.280	5569.000	5591.280	---	---
11A	Ant1	5700	22.480	5688.760	5711.240	---	---
11A	Ant1	5745	22.360	5733.600	5755.960	---	---
11A	Ant1	5785	22.640	5773.600	5796.240	---	---
11A	Ant1	5825	22.920	5813.320	5836.240	---	---
11N20SISO	Ant1	5180	22.880	5168.680	5191.560	---	---
11N20SISO	Ant1	5200	23.120	5188.360	5211.480	---	---
11N20SISO	Ant1	5240	23.480	5228.280	5251.760	---	---
11N20SISO	Ant1	5260	23.320	5248.280	5271.600	---	---
11N20SISO	Ant1	5280	22.800	5268.360	5291.160	---	---
11N20SISO	Ant1	5320	23.320	5308.320	5331.640	---	---
11N20SISO	Ant1	5500	22.640	5488.520	5511.160	---	---
11N20SISO	Ant1	5580	22.800	5568.440	5591.240	---	---
11N20SISO	Ant1	5700	23.080	5688.320	5711.400	---	---
11N20SISO	Ant1	5745	23.400	5733.120	5756.520	---	---
11N20SISO	Ant1	5785	22.600	5773.680	5796.280	---	---
11N20SISO	Ant1	5825	22.400	5813.800	5836.200	---	---
11N40SISO	Ant1	5190	44.560	5167.440	5212.000	---	---
11N40SISO	Ant1	5230	44.400	5207.520	5251.920	---	---
11N40SISO	Ant1	5270	43.760	5248.080	5291.840	---	---
11N40SISO	Ant1	5310	44.960	5287.440	5332.400	---	---
11N40SISO	Ant1	5510	44.240	5487.520	5531.760	---	---
11N40SISO	Ant1	5550	45.600	5526.160	5571.760	---	---
11N40SISO	Ant1	5670	44.400	5648.400	5692.800	---	---
11N40SISO	Ant1	5755	43.760	5733.080	5776.840	---	---



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11N40SISO	Ant1	5795	44.960	5772.360	5817.320	---	---
11AC20SISO	Ant1	5180	22.400	5168.840	5191.240	---	---
11AC20SISO	Ant1	5200	21.880	5188.840	5210.720	---	---
11AC20SISO	Ant1	5240	22.280	5228.840	5251.120	---	---
11AC20SISO	Ant1	5260	23.000	5248.840	5271.840	---	---
11AC20SISO	Ant1	5280	22.400	5268.880	5291.280	---	---
11AC20SISO	Ant1	5320	23.040	5308.680	5331.720	---	---
11AC20SISO	Ant1	5500	22.000	5488.920	5510.920	---	---
11AC20SISO	Ant1	5580	22.560	5568.800	5591.360	---	---
11AC20SISO	Ant1	5700	23.680	5687.920	5711.600	---	---
11AC20SISO	Ant1	5745	22.320	5733.720	5756.040	---	---
11AC20SISO	Ant1	5785	22.120	5774.000	5796.120	---	---
11AC20SISO	Ant1	5825	22.720	5813.840	5836.560	---	---
11AC40SISO	Ant1	5190	43.280	5168.160	5211.440	---	---
11AC40SISO	Ant1	5230	44.320	5207.440	5251.760	---	---
11AC40SISO	Ant1	5270	44.160	5248.240	5292.400	---	---
11AC40SISO	Ant1	5310	45.840	5286.720	5332.560	---	---
11AC40SISO	Ant1	5510	44.080	5487.760	5531.840	---	---
11AC40SISO	Ant1	5550	43.680	5527.760	5571.440	---	---
11AC40SISO	Ant1	5670	43.680	5648.720	5692.400	---	---
11AC40SISO	Ant1	5755	44.560	5732.520	5777.080	---	---
11AC40SISO	Ant1	5795	45.120	5772.200	5817.320	---	---
11AC80SISO	Ant1	5210	88.640	5165.360	5254.000	---	---
11AC80SISO	Ant1	5290	89.280	5245.520	5334.800	---	---
11AC80SISO	Ant1	5530	87.680	5485.520	5573.200	---	---
11AC80SISO	Ant1	5610	88.320	5565.840	5654.160	---	---
11AC80SISO	Ant1	5775	87.840	5730.200	5818.040	---	---
11AX20SISO	Ant1	5180	22.680	5168.760	5191.440	---	---
11AX20SISO	Ant1	5200	22.080	5189.000	5211.080	---	---
11AX20SISO	Ant1	5240	21.680	5229.080	5250.760	---	---
11AX20SISO	Ant1	5260	22.720	5248.920	5271.640	---	---
11AX20SISO	Ant1	5280	22.800	5268.920	5291.720	---	---
11AX20SISO	Ant1	5320	22.280	5309.080	5331.360	---	---
11AX20SISO	Ant1	5500	22.480	5488.760	5511.240	---	---
11AX20SISO	Ant1	5580	21.960	5569.000	5590.960	---	---
11AX20SISO	Ant1	5700	22.240	5688.840	5711.080	---	---
11AX20SISO	Ant1	5745	22.520	5733.960	5756.480	---	---
11AX20SISO	Ant1	5785	22.600	5773.400	5796.000	---	---
11AX20SISO	Ant1	5825	22.800	5813.680	5836.480	---	---
11AX40SISO	Ant1	5190	42.480	5169.040	5211.520	---	---



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11AX40SISO	Ant1	5230	44.320	5207.680	5252.000	---	---
11AX40SISO	Ant1	5270	42.480	5248.720	5291.200	---	---
11AX40SISO	Ant1	5310	43.760	5287.600	5331.360	---	---
11AX40SISO	Ant1	5510	42.720	5488.720	5531.440	---	---
11AX40SISO	Ant1	5550	43.280	5527.520	5570.800	---	---
11AX40SISO	Ant1	5670	42.720	5648.640	5691.360	---	---
11AX40SISO	Ant1	5755	43.360	5733.240	5776.600	---	---
11AX40SISO	Ant1	5795	43.760	5773.160	5816.920	---	---
11AX80SISO	Ant1	5210	85.280	5166.800	5252.080	---	---
11AX80SISO	Ant1	5290	85.120	5247.440	5332.560	---	---
11AX80SISO	Ant1	5530	84.160	5486.800	5570.960	---	---
11AX80SISO	Ant1	5610	86.240	5566.640	5652.880	---	---
11AX80SISO	Ant1	5775	84.960	5731.960	5816.920	---	---
11AX160SISO	Ant1	5250	172.800	5163.600	5336.400	---	---
11AX160SISO	Ant1	5250_UNII-1	86.4	5163.600	5250	---	---
11AX160SISO	Ant1	5250_UNII-2A	86.4	5250	5336.400	---	---
11AX160SISO	Ant1	5570	172.160	5482.960	5655.120	---	---
11BE20SISO	Ant1	5180	23.480	5168.560	5192.040	---	---
11BE20SISO	Ant1	5200	22.520	5188.480	5211.000	---	---
11BE20SISO	Ant1	5240	22.360	5228.960	5251.320	---	---
11BE20SISO	Ant1	5260	22.360	5249.120	5271.480	---	---
11BE20SISO	Ant1	5280	22.280	5268.840	5291.120	---	---
11BE20SISO	Ant1	5320	22.520	5309.000	5331.520	---	---
11BE20SISO	Ant1	5500	22.280	5488.760	5511.040	---	---
11BE20SISO	Ant1	5580	22.680	5568.440	5591.120	---	---
11BE20SISO	Ant1	5700	22.600	5688.920	5711.520	---	---
11BE20SISO	Ant1	5745	22.880	5733.240	5756.120	---	---
11BE20SISO	Ant1	5785	23.040	5773.200	5796.240	---	---
11BE20SISO	Ant1	5825	22.640	5813.760	5836.400	---	---
11BE40SISO	Ant1	5190	43.920	5167.280	5211.200	---	---
11BE40SISO	Ant1	5230	43.600	5208.160	5251.760	---	---
11BE40SISO	Ant1	5270	42.000	5249.120	5291.120	---	---
11BE40SISO	Ant1	5310	45.120	5287.200	5332.320	---	---
11BE40SISO	Ant1	5510	43.200	5488.400	5531.600	---	---
11BE40SISO	Ant1	5550	43.440	5527.840	5571.280	---	---
11BE40SISO	Ant1	5670	43.360	5648.560	5691.920	---	---
11BE40SISO	Ant1	5755	43.040	5733.080	5776.120	---	---
11BE40SISO	Ant1	5795	42.640	5773.560	5816.200	---	---
11BE80SISO	Ant1	5210	84.640	5167.120	5251.760	---	---
11BE80SISO	Ant1	5290	87.360	5245.520	5332.880	---	---



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11BE80SISO	Ant1	5530	85.440	5486.320	5571.760	---	---
11BE80SISO	Ant1	5610	85.280	5566.960	5652.240	---	---
11BE80SISO	Ant1	5775	86.400	5730.680	5817.080	---	---
11BE160SISO	Ant1	5250	174.080	5163.280	5337.360	---	---
11BE160SISO	Ant1	5250_UNII-1	86.72	5163.280	5250	---	---
11BE160SISO	Ant1	5250_UNII-2A	87.36	5250	5337.360	---	---
11BE160SISO	Ant1	5570	170.560	5482.320	5652.880	---	---

Test Graphs



11A-Ant1-5180



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11A-Ant1-5200



11A-Ant1-5240



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11A-Ant1-5260



11A-Ant1-5280



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11A-Ant1-5320



11A-Ant1-5500



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11A-Ant1-5580



11A-Ant1-5700



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11A-Ant1-5745



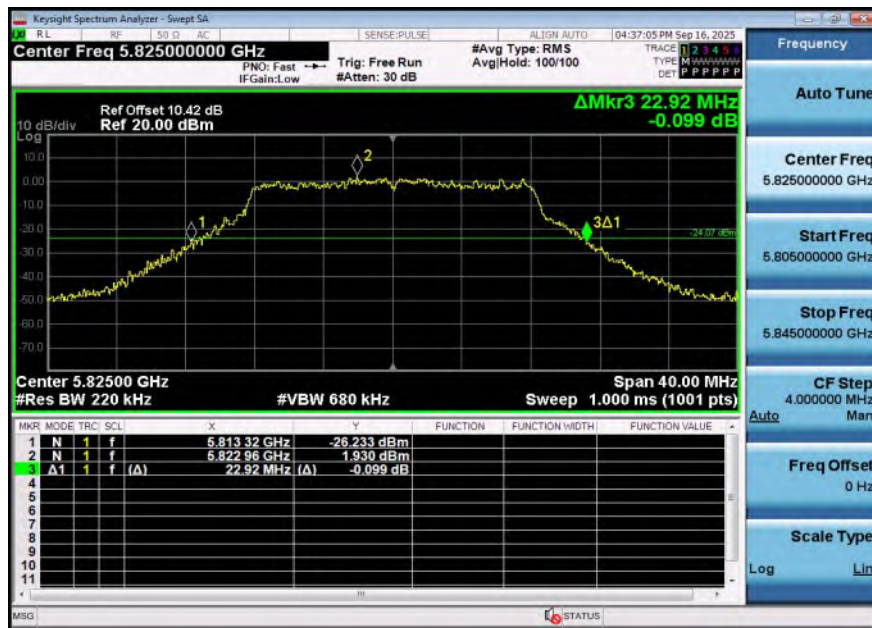
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11A-Ant1-5825



11N20SISO-Ant1-5180



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11N20SISO-Ant1-5200



11N20SISO-Ant1-5240



FCCID:2A22E-R-W72508

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11N20SISO-Ant1-5260



11N20SISO-Ant1-5280



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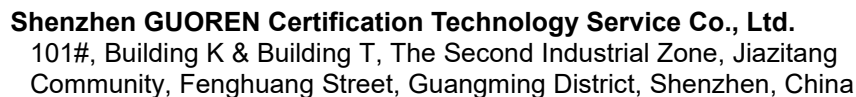
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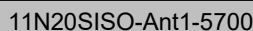
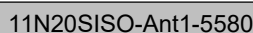
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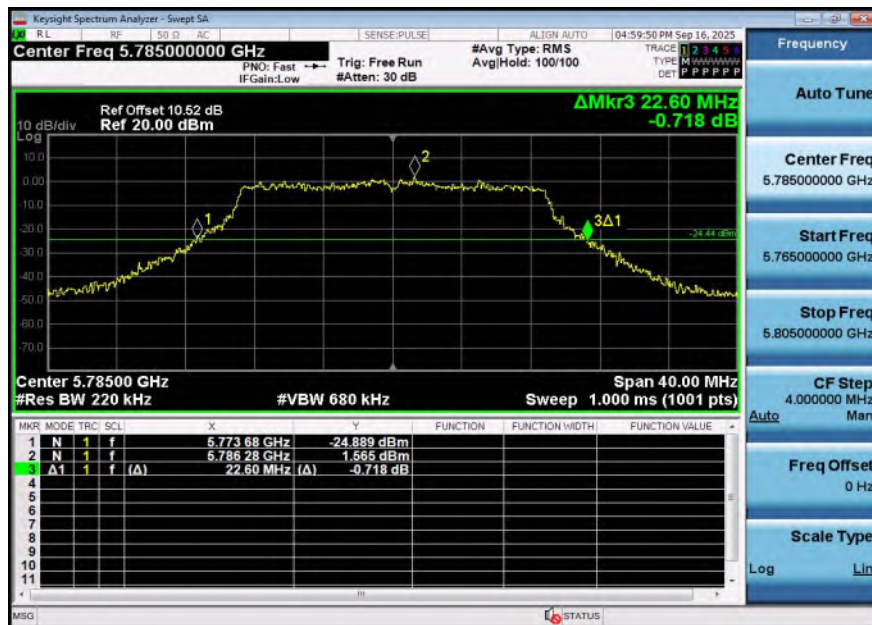


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11N20SISO-Ant1-5745



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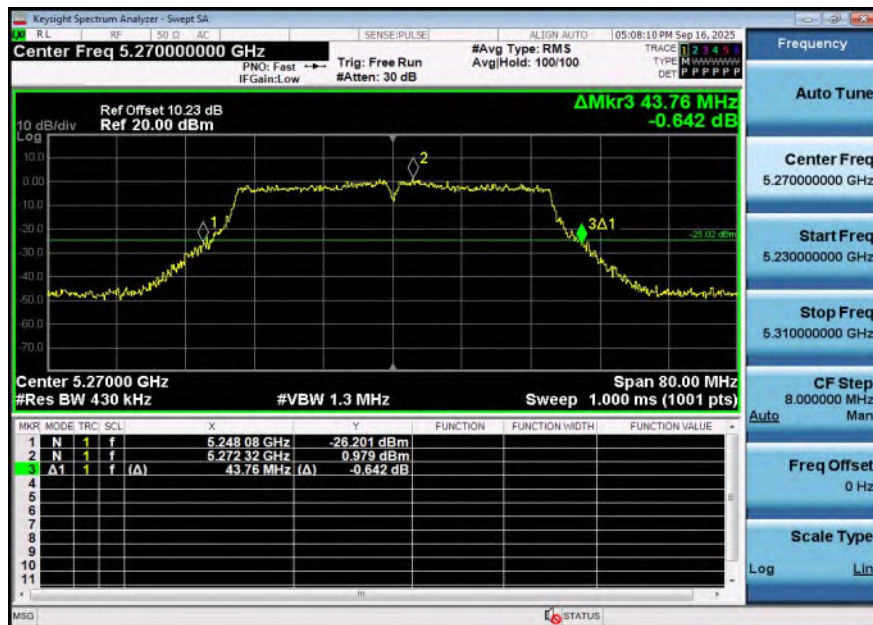


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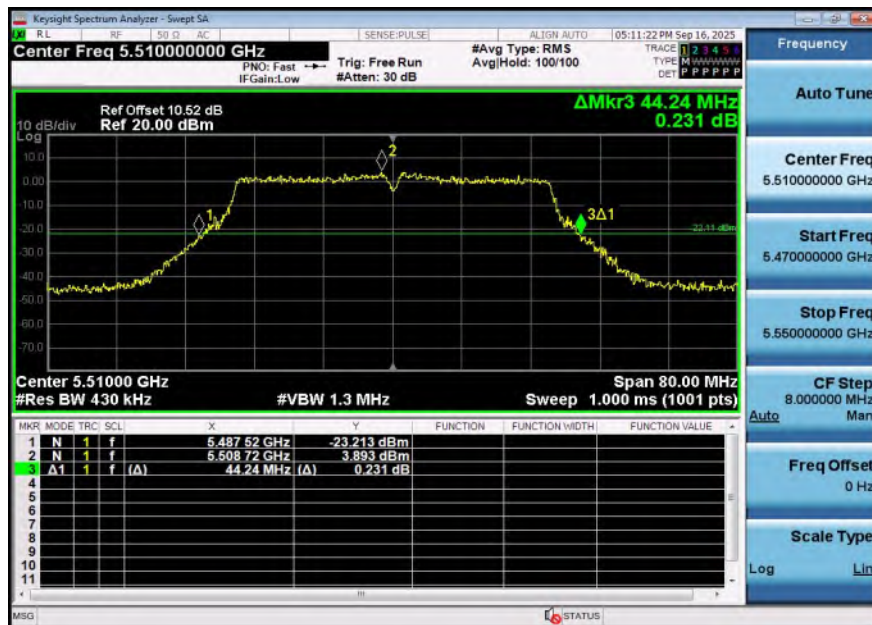


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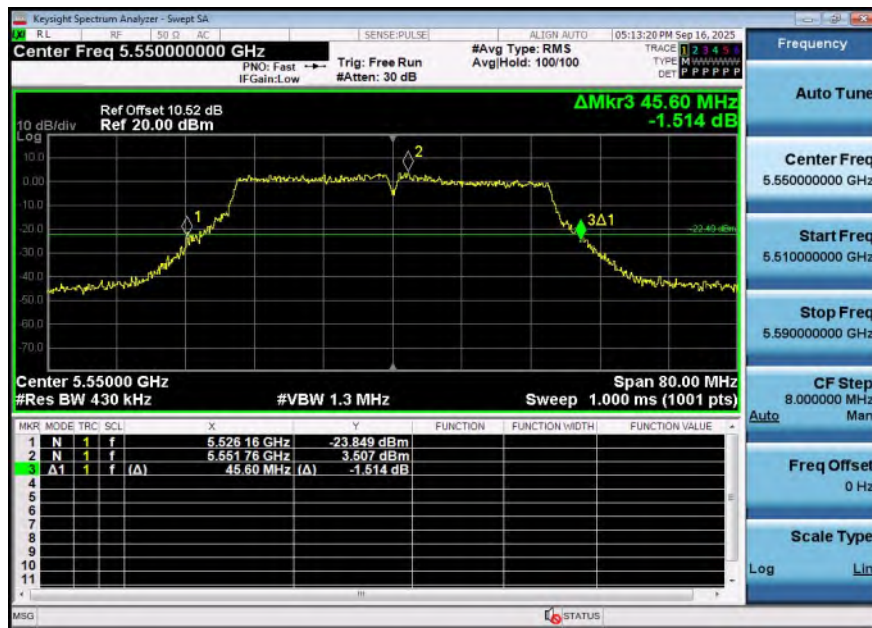


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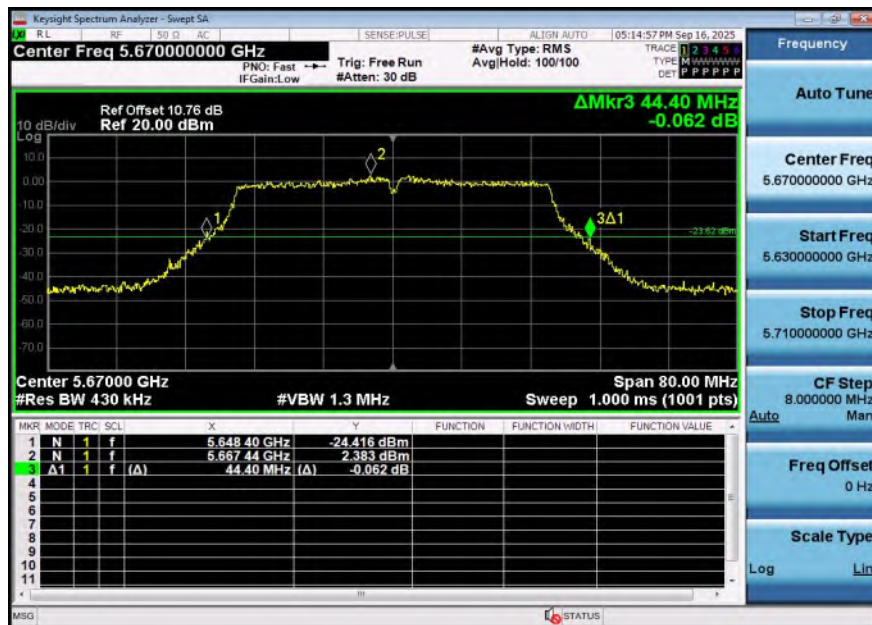


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11N40SISO-Ant1-5670

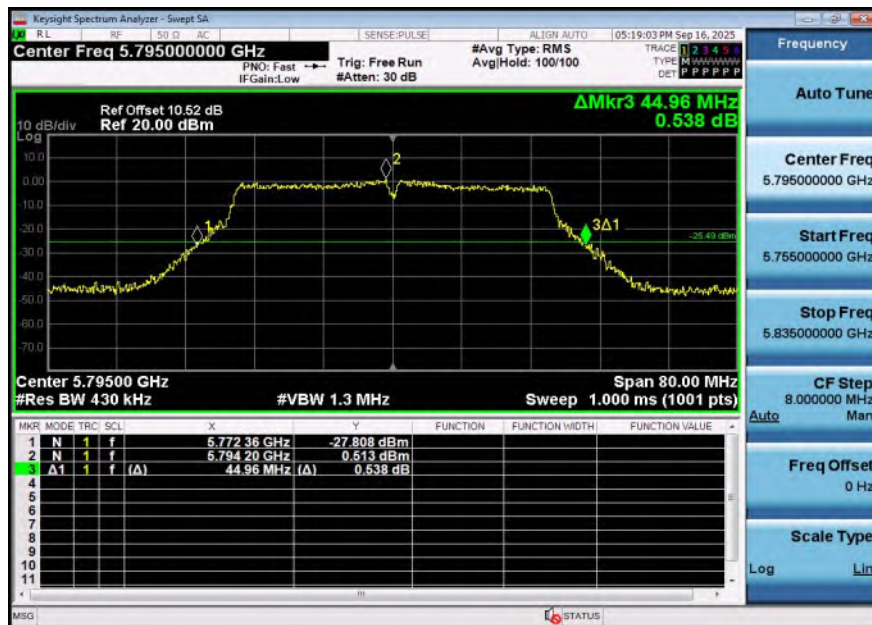


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11N40SISO-Ant1-5755



11N40SISO-Ant1-5795



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11AC20SISO-Ant1-5180



11AC20SISO-Ant1-5200



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11AC20SISO-Ant1-5240



11AC20SISO-Ant1-5260

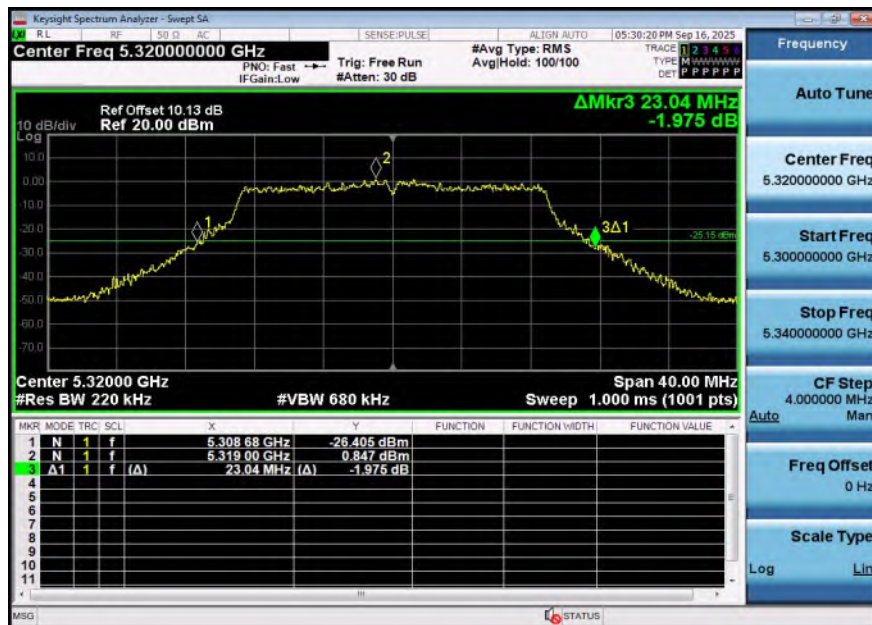


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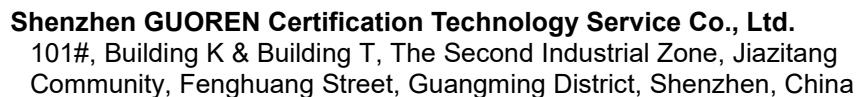
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11AC20SISO-Ant1-5500



11AC20SISO-Ant1-5580



GRCTR250902028-02





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GRCTR250902028-02



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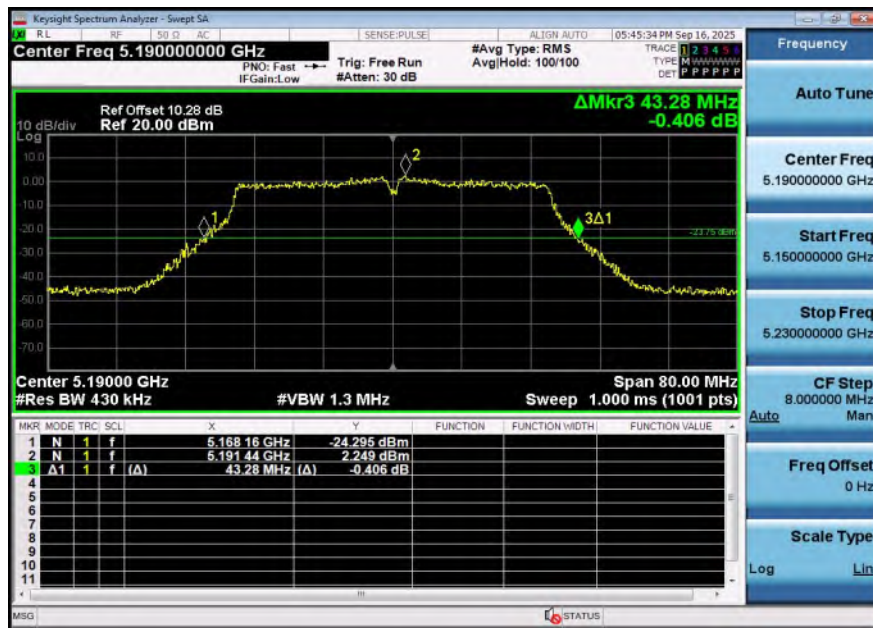


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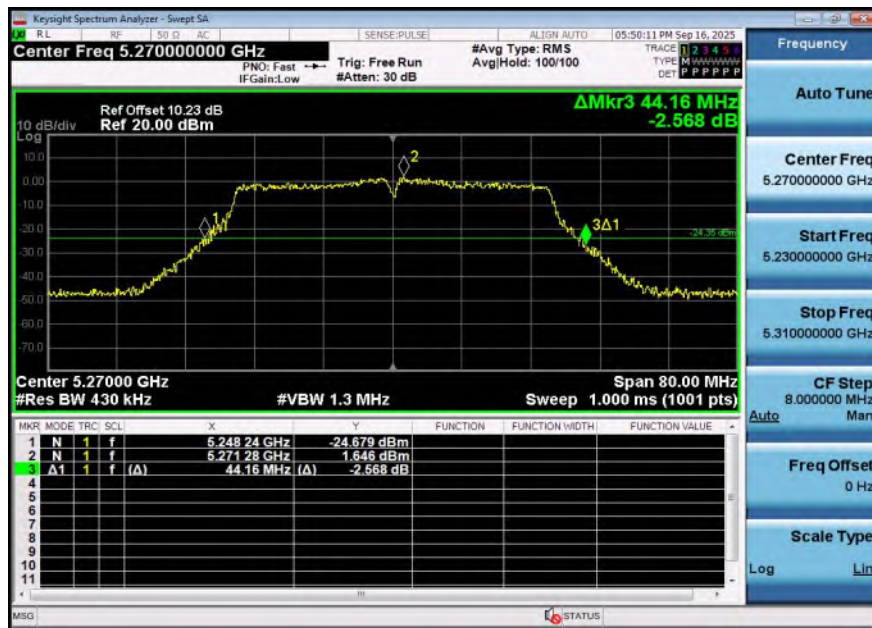


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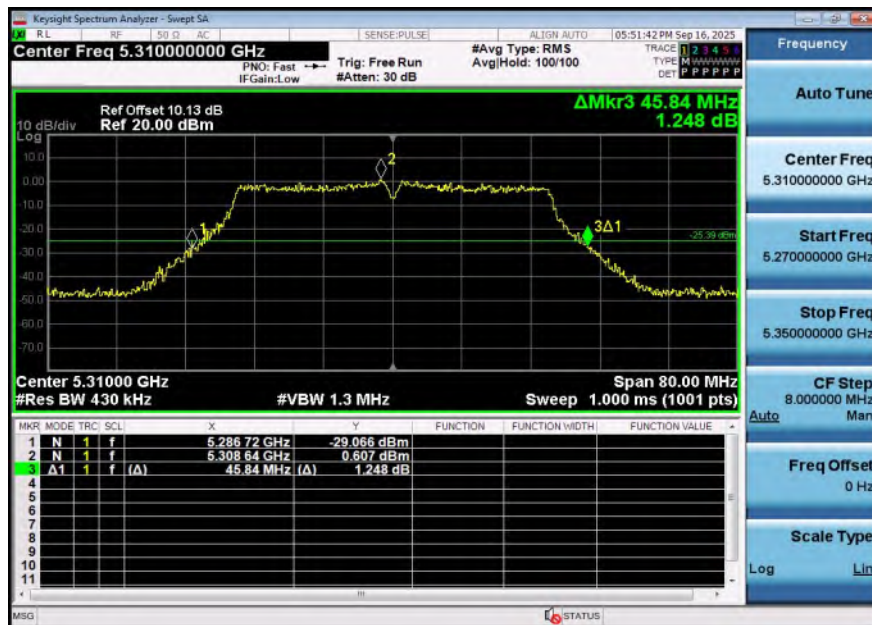


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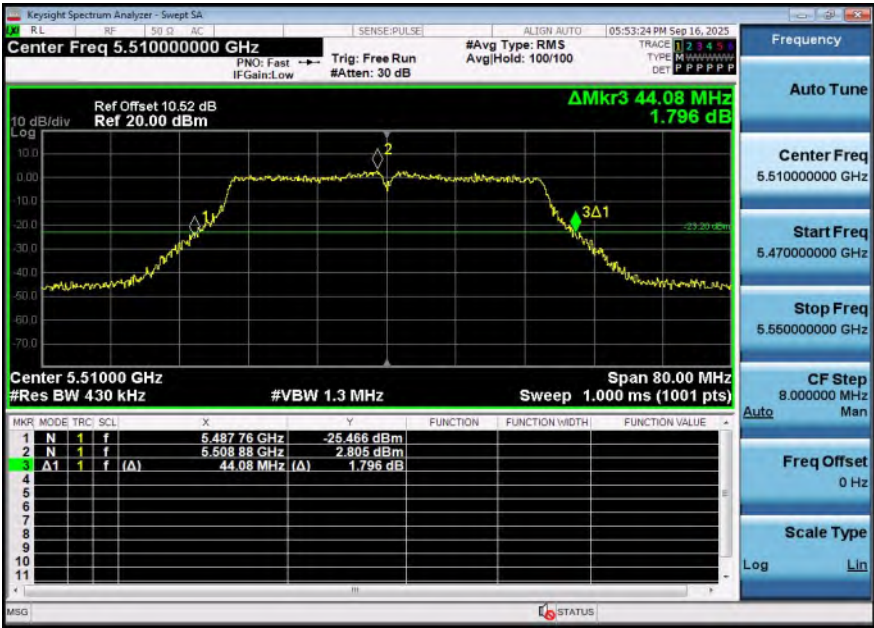


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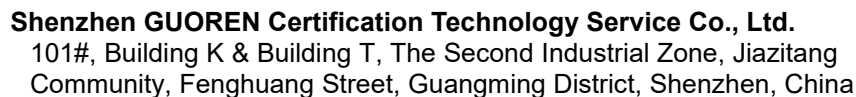
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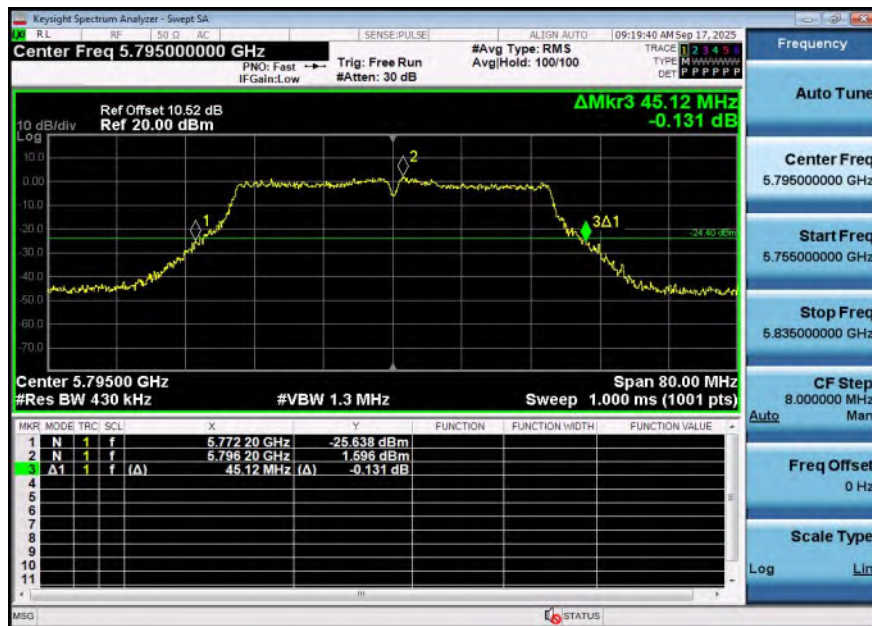
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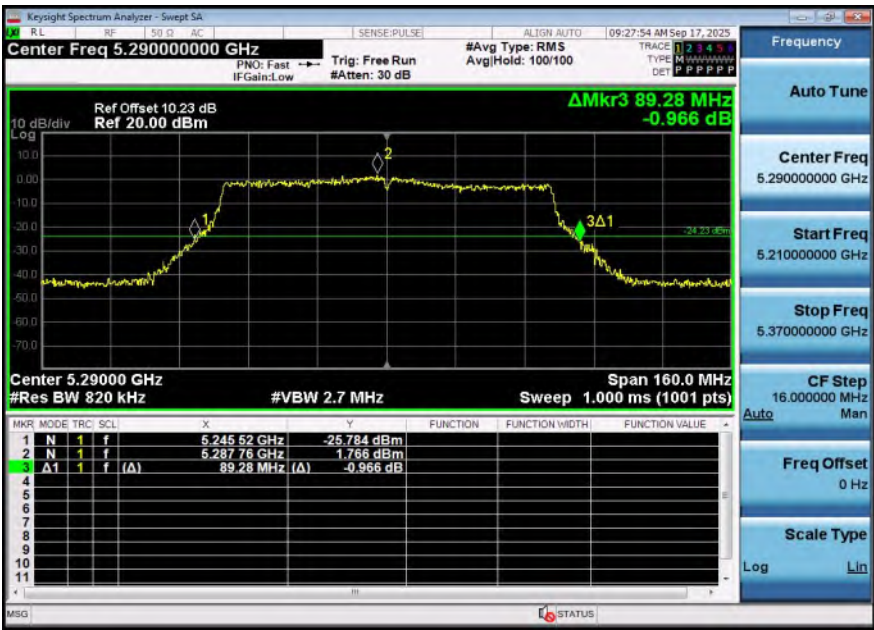


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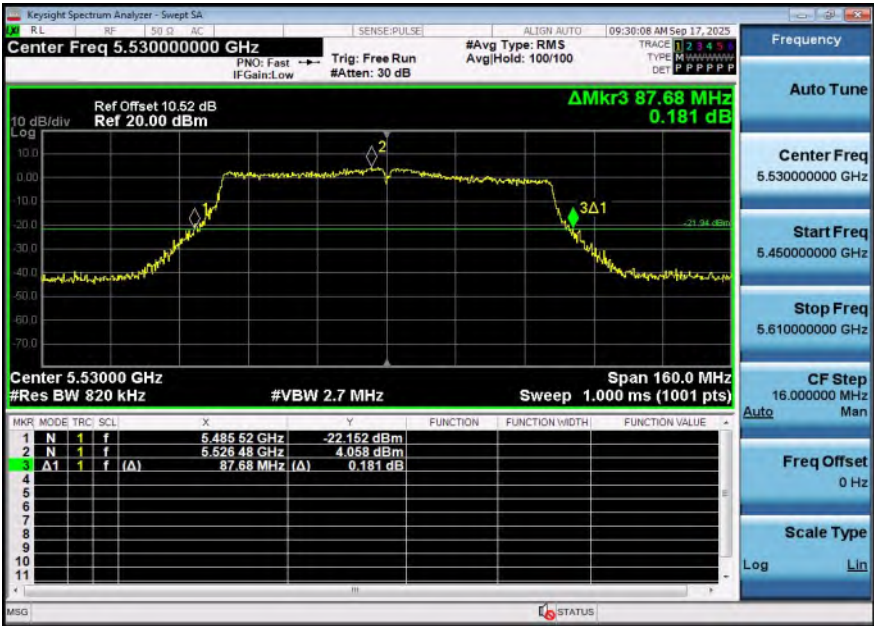


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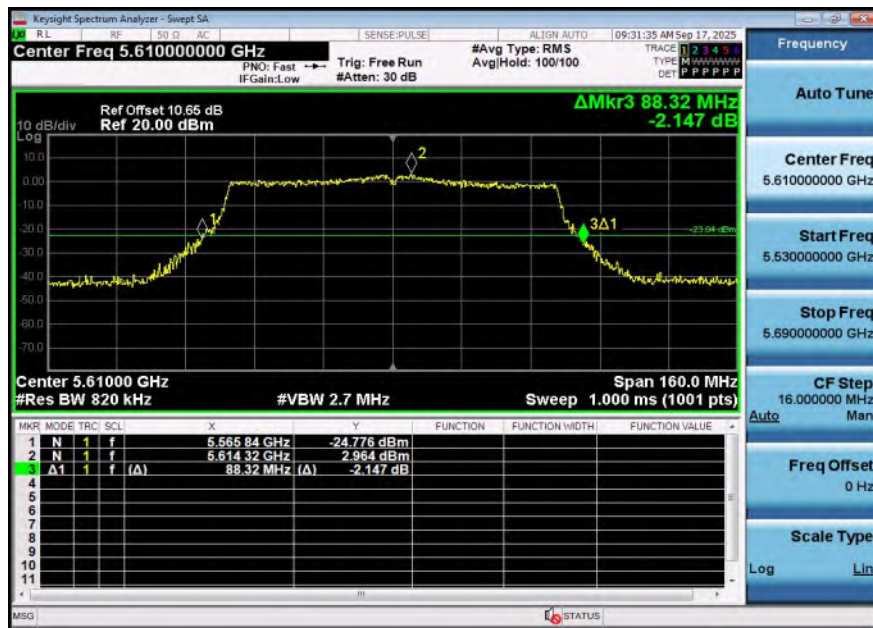


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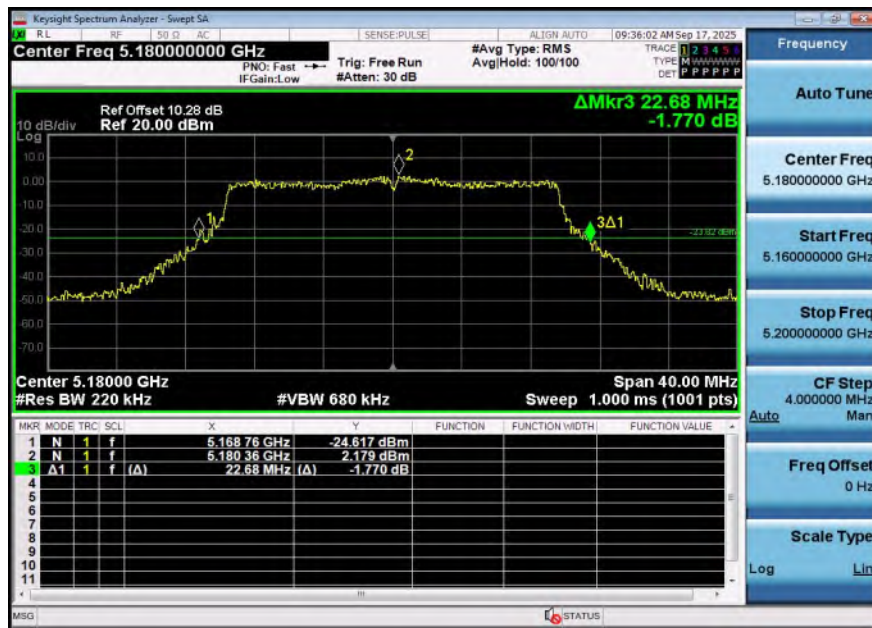


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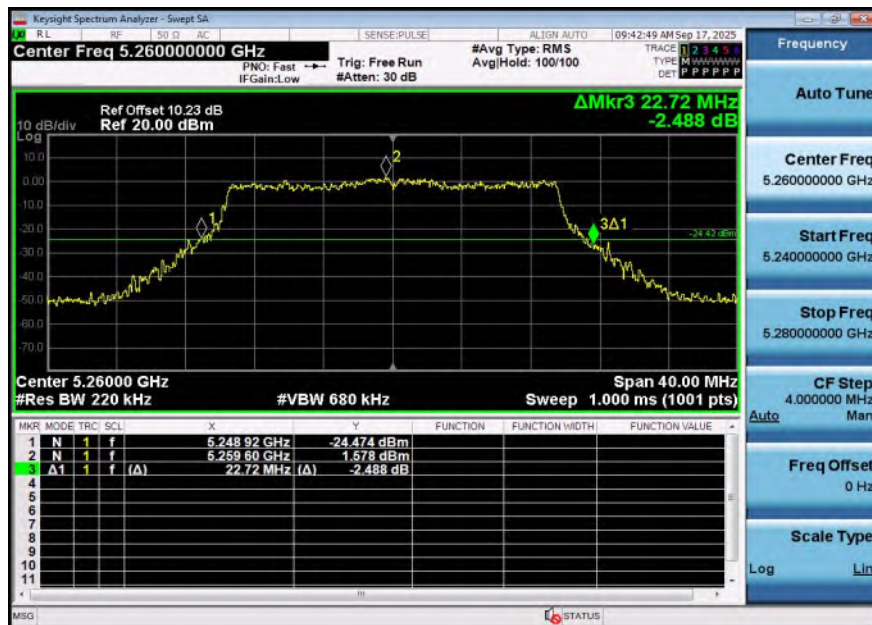


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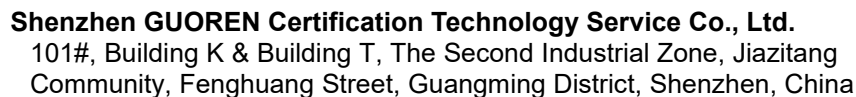
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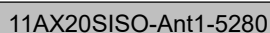
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11AX20SISO-Ant1-5260



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11AX20SISO-Ant1-5500



11AX20SISO-Ant1-5580

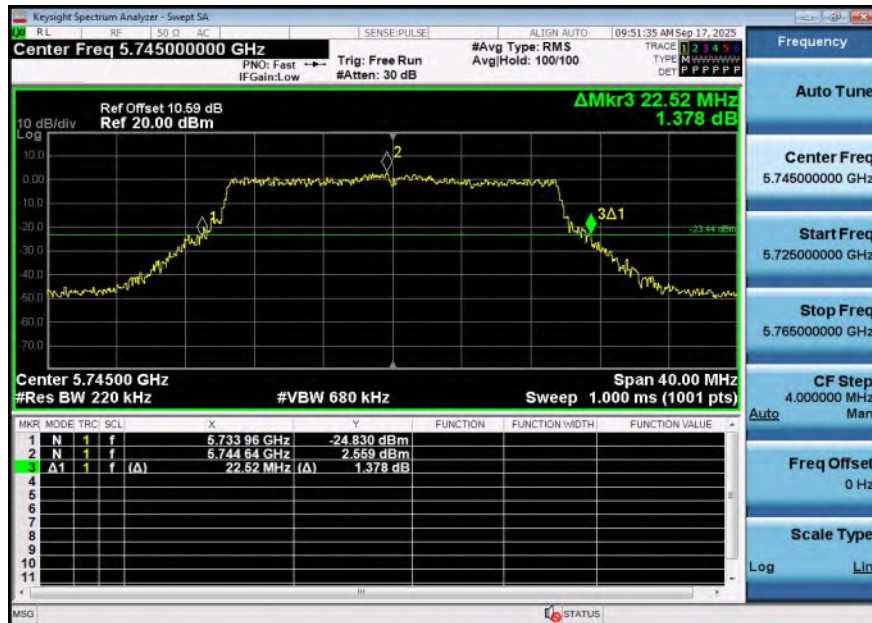


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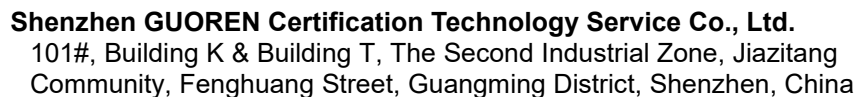
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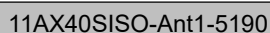
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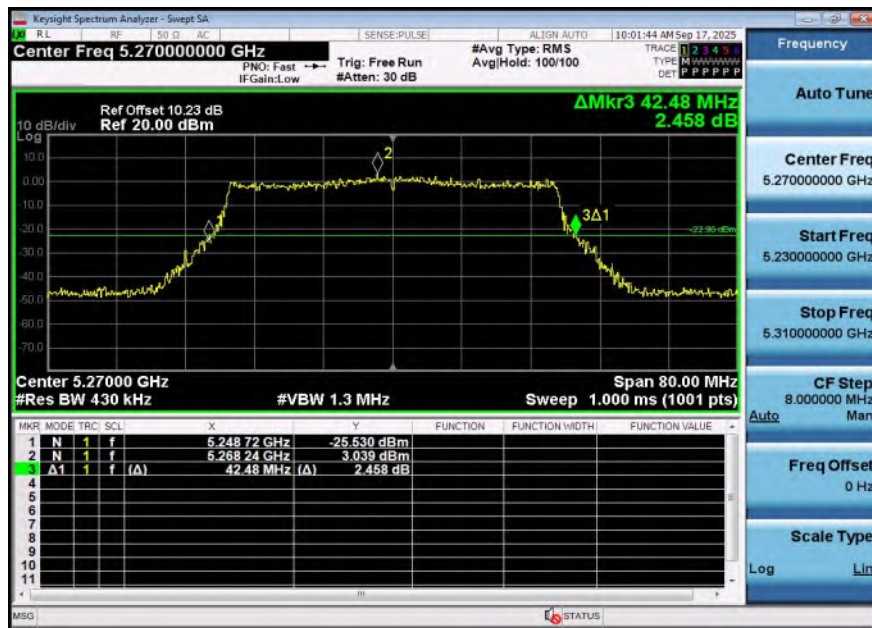
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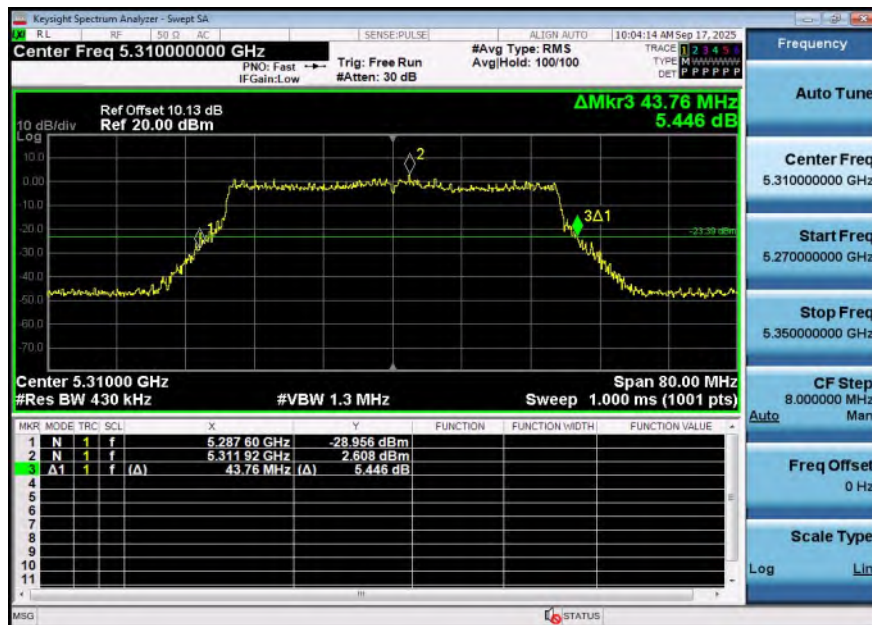


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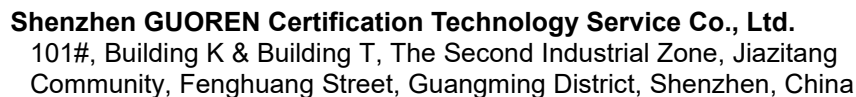
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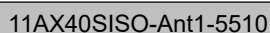
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11AX40SISO-Ant1-5310



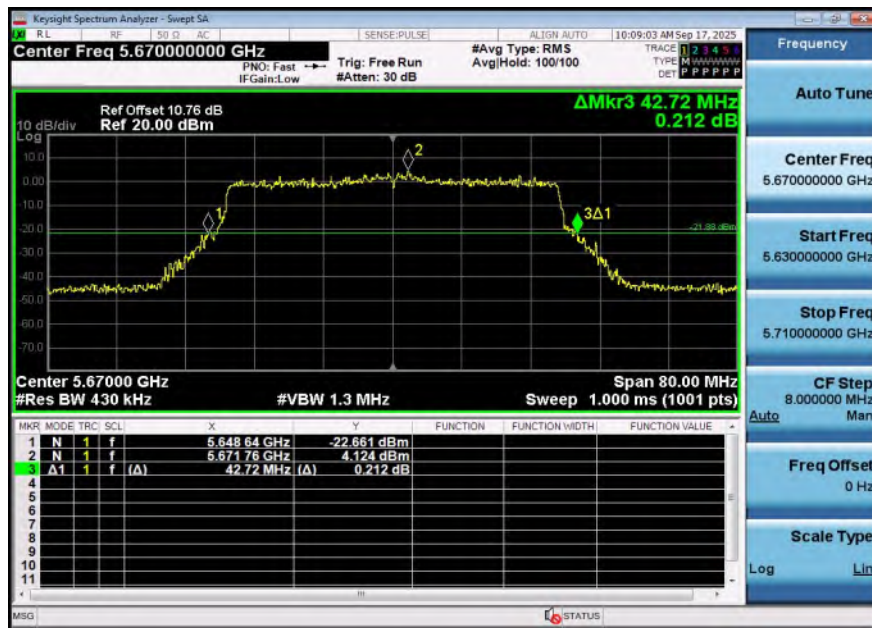
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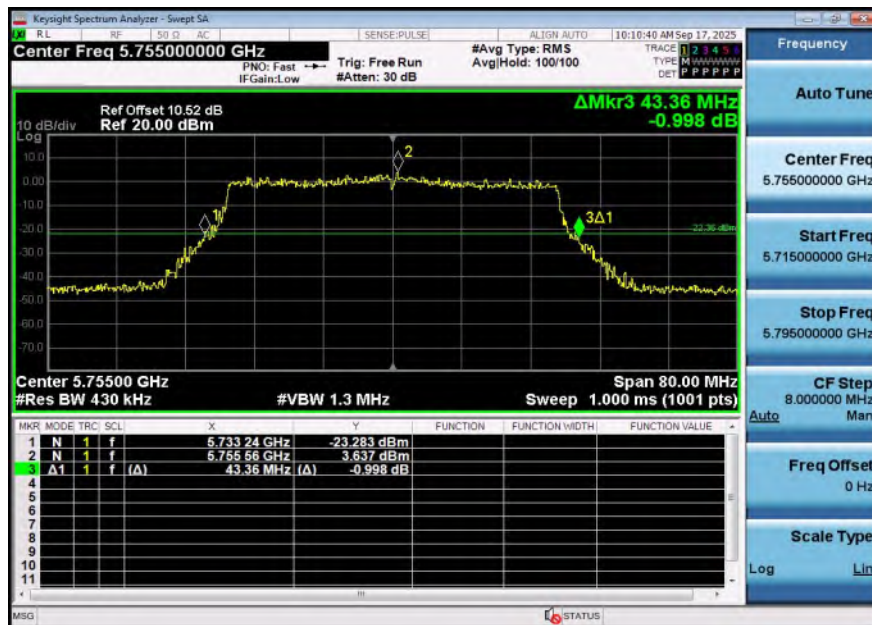


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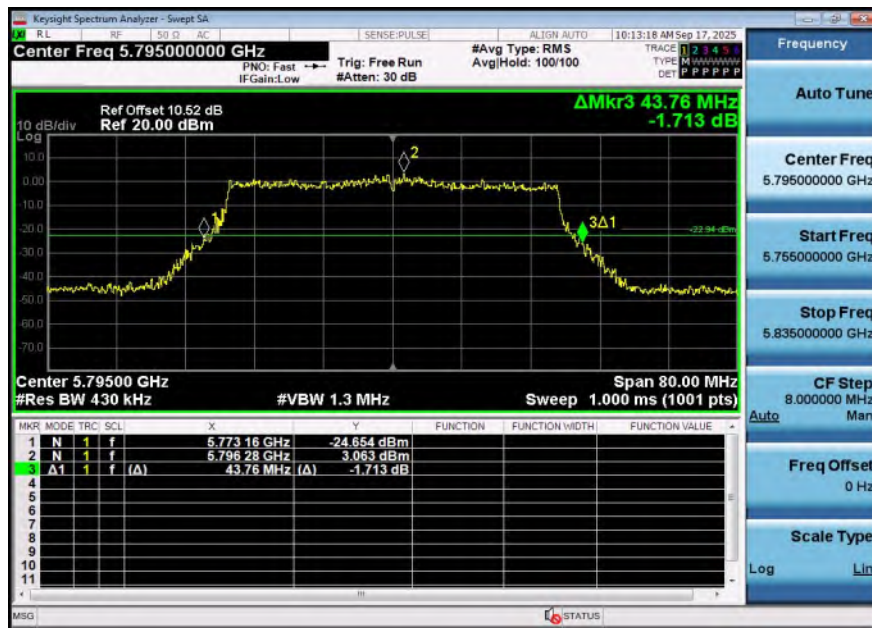


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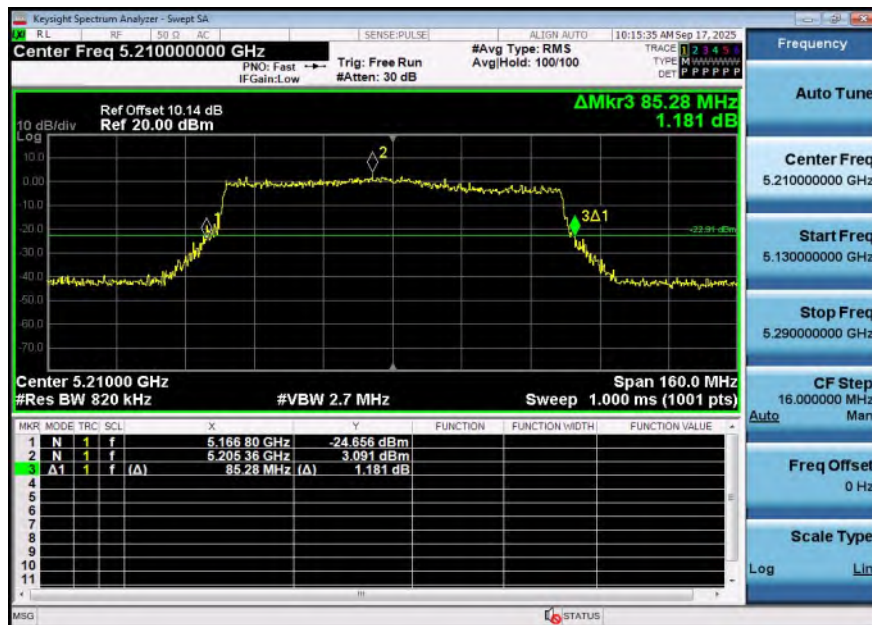


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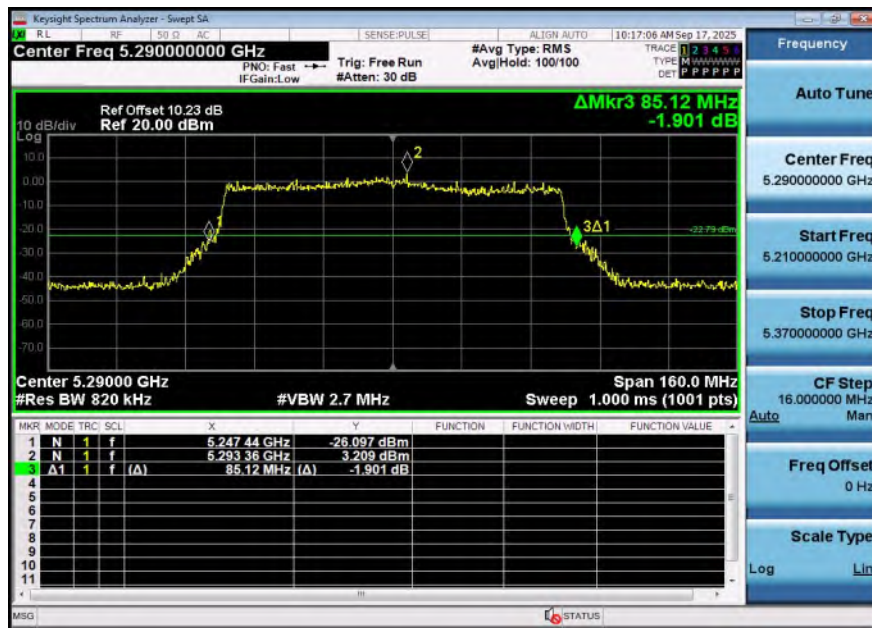


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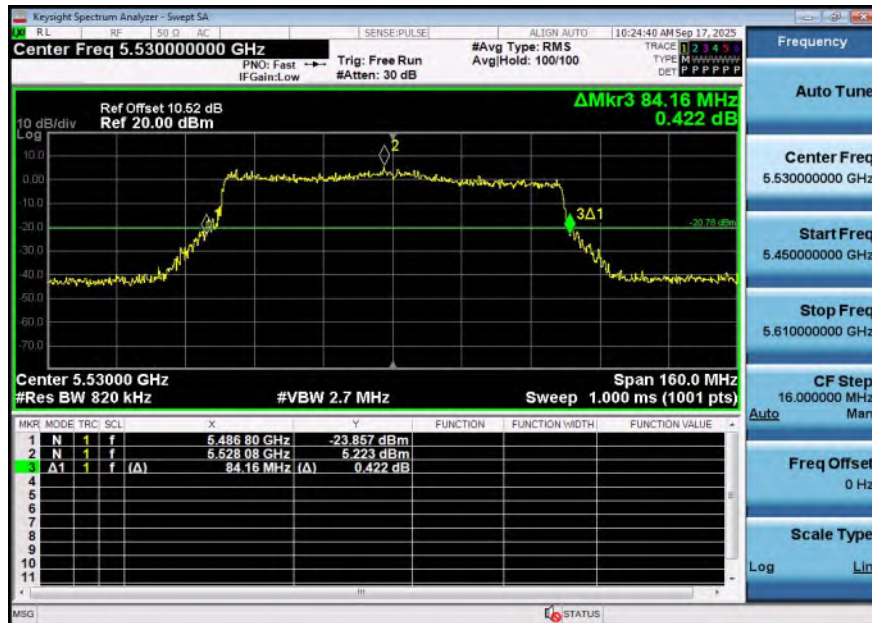


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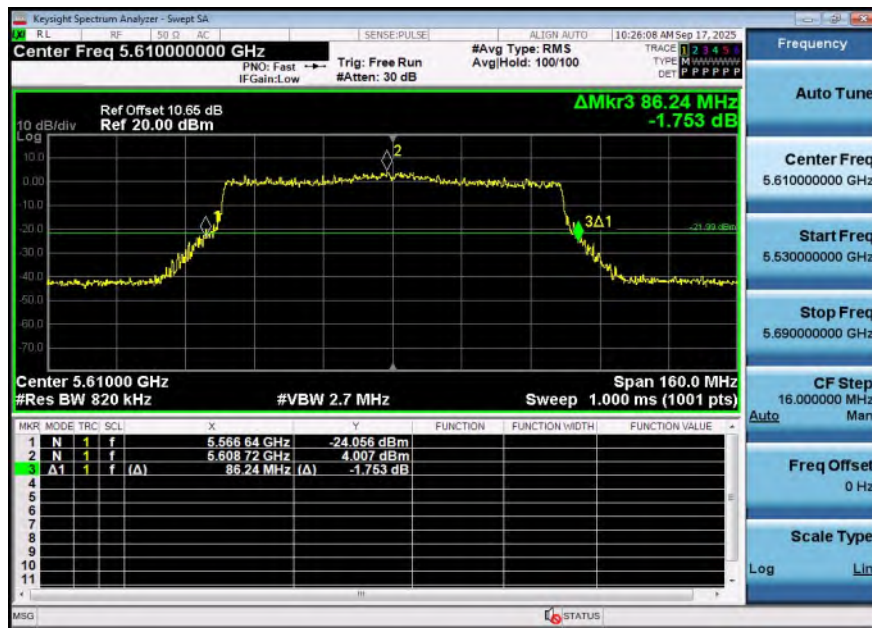


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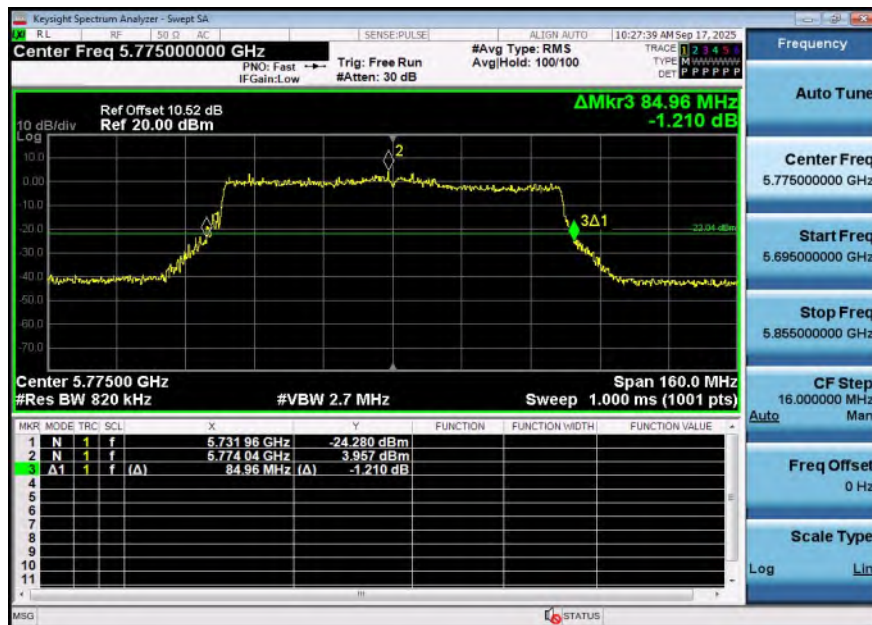


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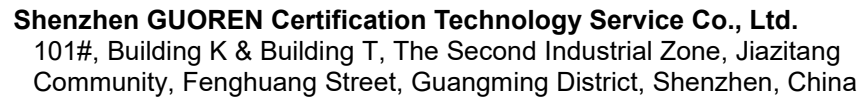
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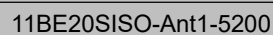
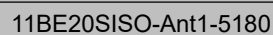
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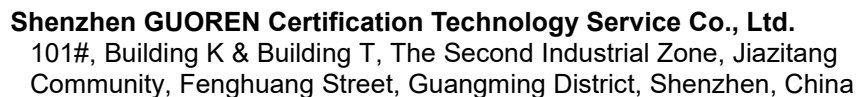
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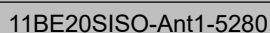
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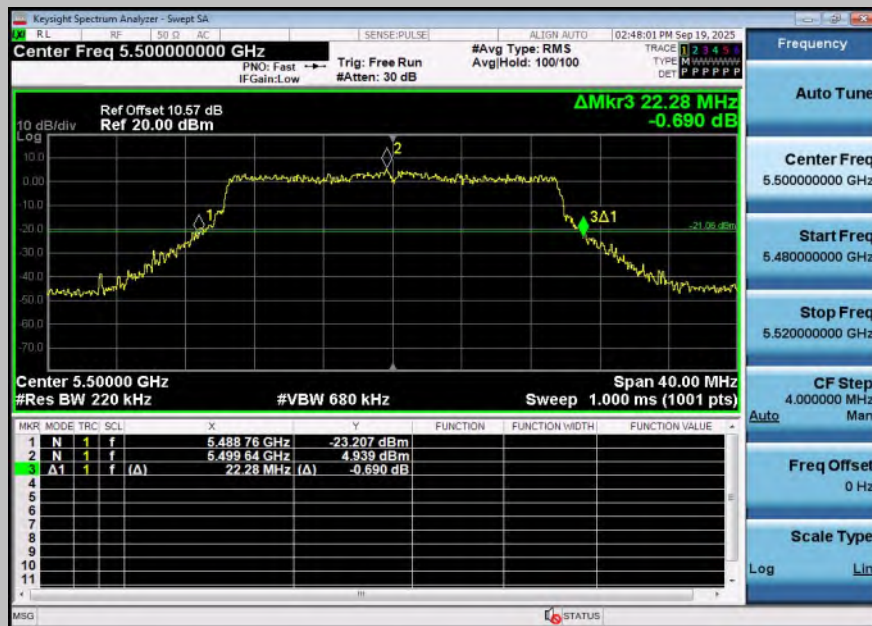




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11BE20SISO-Ant1-5500



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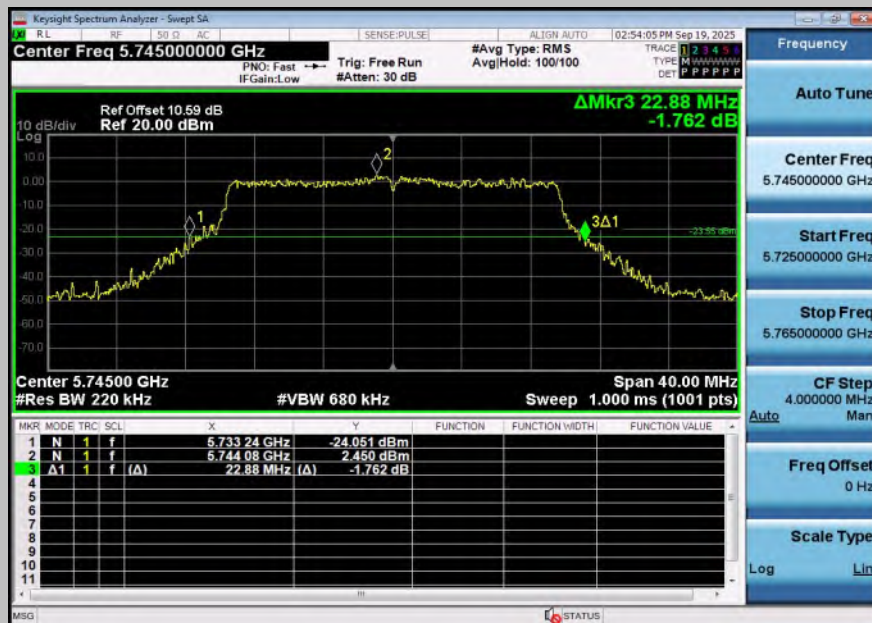


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11BE20SISO-Ant1-5700



11BE20SISO-Ant1-5745



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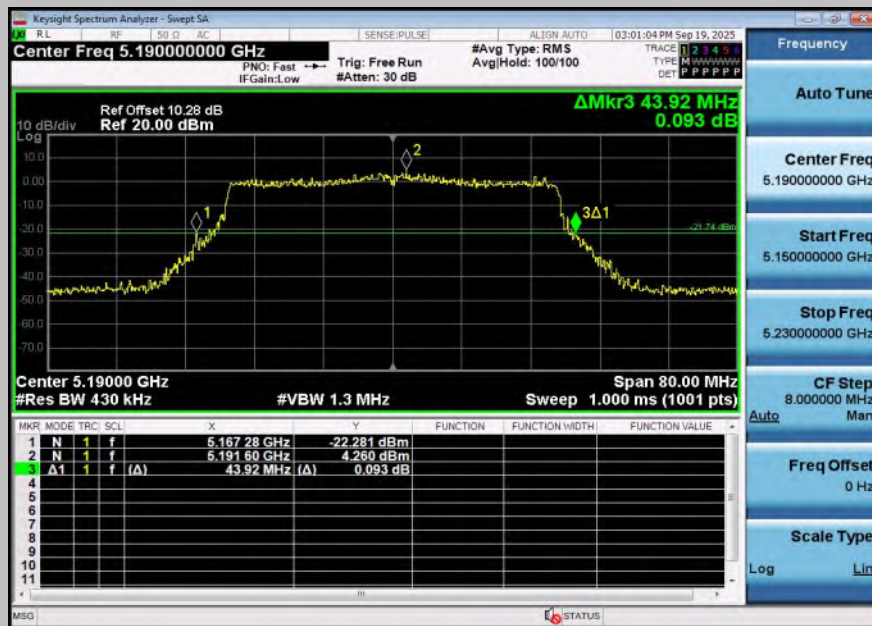


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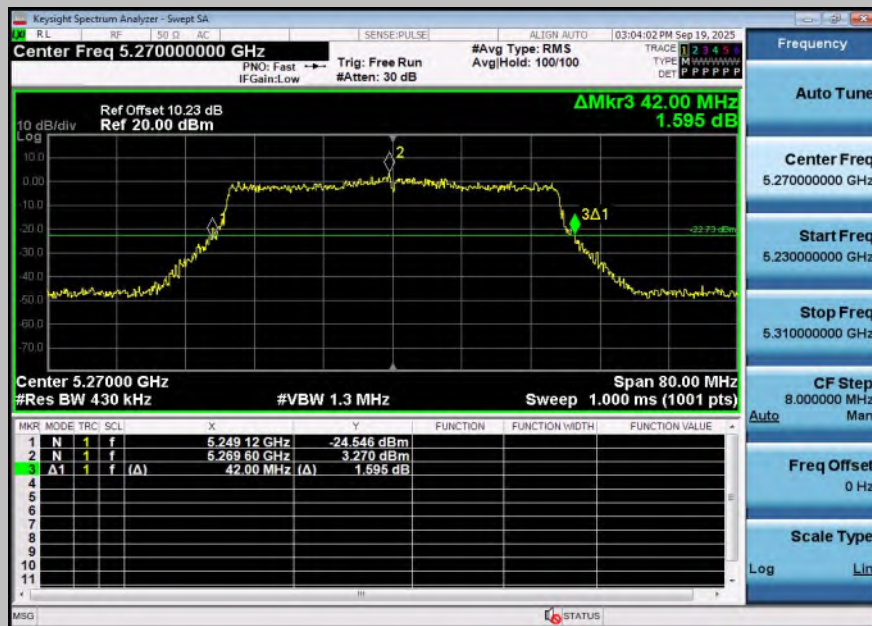
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11BE40SISO-Ant1-5270



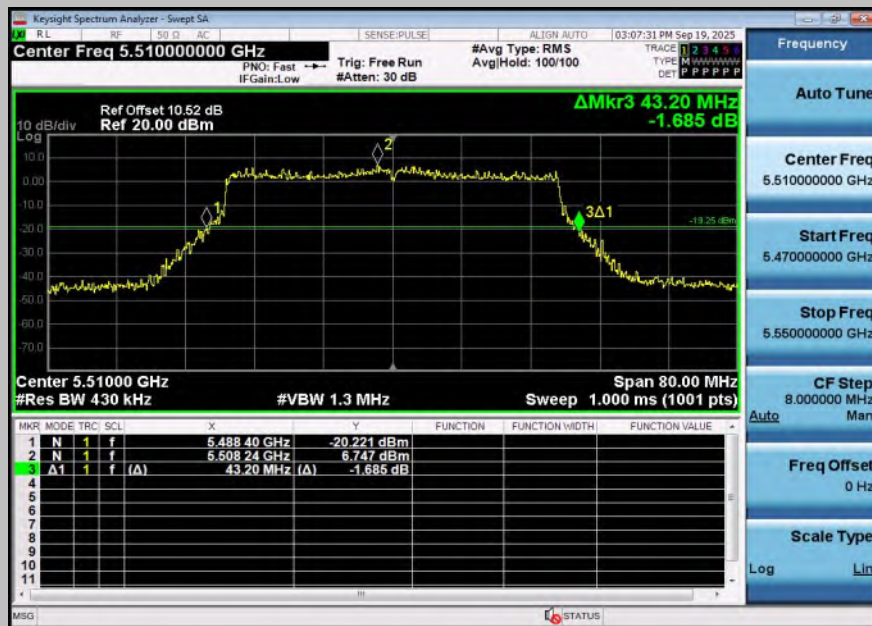
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11BE40SISO-Ant1-5510



11BE40SISO-Ant1-5550