

Appendix A1: Emission Bandwidth

Option One:

Ant 1: 9.96 dBi for 5180MHz to 5320MHz, 9.96 dBi for 5500MHz to 5825MHz

Ant 2: 9.96 dBi for 5180MHz to 5320MHz, 9.96 dBi for 5500MHz to 5825MHz

Ant 1

Test Result

Test Mode	Antenna	Frequency[MHz]	26db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5180	19.920	5170.000	5189.920	---	---
11A	Ant1	5200	20.120	5189.800	5209.920	---	---
11A	Ant1	5240	20.200	5229.720	5249.920	---	---
11A	Ant1	5260	20.680	5249.600	5270.280	---	---
11A	Ant1	5280	20.280	5269.600	5289.880	---	---
11A	Ant1	5320	20.000	5310.120	5330.120	---	---
11A	Ant1	5500	20.320	5489.640	5509.960	---	---
11A	Ant1	5580	19.800	5570.120	5589.920	---	---
11A	Ant1	5700	19.480	5690.200	5709.680	---	---
11A	Ant1	5745	20.200	5734.800	5755.000	---	---
11A	Ant1	5785	19.920	5774.720	5794.640	---	---
11A	Ant1	5825	20.200	5814.680	5834.880	---	---
11N20SISO	Ant1	5180	20.040	5170.040	5190.080	---	---
11N20SISO	Ant1	5200	19.640	5190.360	5210.000	---	---
11N20SISO	Ant1	5240	19.720	5230.160	5249.880	---	---
11N20SISO	Ant1	5260	19.560	5250.200	5269.760	---	---
11N20SISO	Ant1	5280	19.680	5270.040	5289.720	---	---
11N20SISO	Ant1	5320	20.080	5310.240	5330.320	---	---
11N20SISO	Ant1	5500	21.360	5489.440	5510.800	---	---
11N20SISO	Ant1	5580	20.880	5569.640	5590.520	---	---
11N20SISO	Ant1	5700	21.080	5689.320	5710.400	---	---
11N20SISO	Ant1	5745	20.680	5734.800	5755.480	---	---
11N20SISO	Ant1	5785	21.440	5774.560	5796.000	---	---
11N20SISO	Ant1	5825	21.080	5814.680	5835.760	---	---
11N40SISO	Ant1	5190	40.400	5170.000	5210.400	---	---
11N40SISO	Ant1	5230	40.320	5209.600	5249.920	---	---
11N40SISO	Ant1	5270	40.400	5249.520	5289.920	---	---
11N40SISO	Ant1	5310	40.480	5290.160	5330.640	---	---
11N40SISO	Ant1	5510	39.360	5490.240	5529.600	---	---
11N40SISO	Ant1	5550	39.200	5530.400	5569.600	---	---
11N40SISO	Ant1	5670	39.040	5650.560	5689.600	---	---
11N40SISO	Ant1	5755	39.040	5735.480	5774.520	---	---

11N40SISO	Ant1	5795	39.120	5775.480	5814.600	---	---
11AC20SISO	Ant1	5180	21.160	5169.480	5190.640	---	---
11AC20SISO	Ant1	5200	20.600	5189.640	5210.240	---	---
11AC20SISO	Ant1	5240	20.480	5229.640	5250.120	---	---
11AC20SISO	Ant1	5260	20.520	5249.560	5270.080	---	---
11AC20SISO	Ant1	5280	20.560	5269.520	5290.080	---	---
11AC20SISO	Ant1	5320	21.240	5309.840	5331.080	---	---
11AC20SISO	Ant1	5500	20.640	5489.760	5510.400	---	---
11AC20SISO	Ant1	5580	21.480	5569.480	5590.960	---	---
11AC20SISO	Ant1	5700	20.760	5689.640	5710.400	---	---
11AC20SISO	Ant1	5745	21.160	5734.240	5755.400	---	---
11AC20SISO	Ant1	5785	21.360	5774.040	5795.400	---	---
11AC20SISO	Ant1	5825	20.800	5814.480	5835.280	---	---
11AC40SISO	Ant1	5190	40.560	5170.080	5210.640	---	---
11AC40SISO	Ant1	5230	40.480	5209.760	5250.240	---	---
11AC40SISO	Ant1	5270	40.080	5249.840	5289.920	---	---
11AC40SISO	Ant1	5310	41.200	5289.440	5330.640	---	---
11AC40SISO	Ant1	5510	39.520	5490.320	5529.840	---	---
11AC40SISO	Ant1	5550	38.880	5530.560	5569.440	---	---
11AC40SISO	Ant1	5670	39.360	5650.320	5689.680	---	---
11AC40SISO	Ant1	5755	39.360	5735.320	5774.680	---	---
11AC40SISO	Ant1	5795	39.200	5775.240	5814.440	---	---
11AC80SISO	Ant1	5210	81.280	5169.520	5250.800	---	---
11AC80SISO	Ant1	5290	82.080	5248.880	5330.960	---	---
11AC80SISO	Ant1	5530	81.600	5489.200	5570.800	---	---
11AC80SISO	Ant1	5610	81.600	5569.680	5651.280	---	---
11AC80SISO	Ant1	5775	81.280	5733.880	5815.160	---	---
11AC160SISO	Ant1	5570	162.240	5489.040	5651.280	---	---
11AX20SISO	Ant1	5180	21.320	5169.400	5190.720	---	---
11AX20SISO	Ant1	5200	21.680	5189.320	5211.000	---	---
11AX20SISO	Ant1	5240	21.480	5229.040	5250.520	---	---
11AX20SISO	Ant1	5260	21.640	5249.040	5270.680	---	---
11AX20SISO	Ant1	5280	21.280	5269.240	5290.520	---	---
11AX20SISO	Ant1	5320	21.280	5309.400	5330.680	---	---
11AX20SISO	Ant1	5500	21.840	5489.040	5510.880	---	---
11AX20SISO	Ant1	5580	21.520	5569.360	5590.880	---	---
11AX20SISO	Ant1	5700	21.360	5689.400	5710.760	---	---
11AX20SISO	Ant1	5745	21.640	5734.040	5755.680	---	---
11AX20SISO	Ant1	5785	21.600	5774.120	5795.720	---	---
11AX20SISO	Ant1	5825	21.880	5814.400	5836.280	---	---
11AX40SISO	Ant1	5190	40.400	5170.080	5210.480	---	---
11AX40SISO	Ant1	5230	40.960	5209.360	5250.320	---	---
11AX40SISO	Ant1	5270	41.440	5248.960	5290.400	---	---

11AX40SISO	Ant1	5310	40.800	5289.760	5330.560	---	---
11AX40SISO	Ant1	5510	39.920	5490.240	5530.160	---	---
11AX40SISO	Ant1	5550	40.080	5529.840	5569.920	---	---
11AX40SISO	Ant1	5670	40.160	5650.080	5690.240	---	---
11AX40SISO	Ant1	5755	40.080	5735.080	5775.160	---	---
11AX40SISO	Ant1	5795	40.400	5774.840	5815.240	---	---
11AX80SISO	Ant1	5210	81.280	5169.360	5250.640	---	---
11AX80SISO	Ant1	5290	81.600	5249.360	5330.960	---	---
11AX80SISO	Ant1	5530	81.120	5489.360	5570.480	---	---
11AX80SISO	Ant1	5610	81.440	5569.680	5651.120	---	---
11AX80SISO	Ant1	5775	81.440	5734.360	5815.800	---	---
11AX160SISO	Ant1	5570	163.200	5488.720	5651.920	---	---

Test Graphs



11A-Ant1-5180



11A-Ant1-5200



11A-Ant1-5240



11A-Ant1-5260



11A-Ant1-5280



11A-Ant1-5320



11A-Ant1-5500



11A-Ant1-5580



11A-Ant1-5700



11A-Ant1-5745



11A-Ant1-5785



11A-Ant1-5825



11N20SISO-Ant1-5180



11N20SISO-Ant1-5200



11N20SISO-Ant1-5240



11N20SISO-Ant1-5260



11N20SISO-Ant1-5280



11N20SISO-Ant1-5320



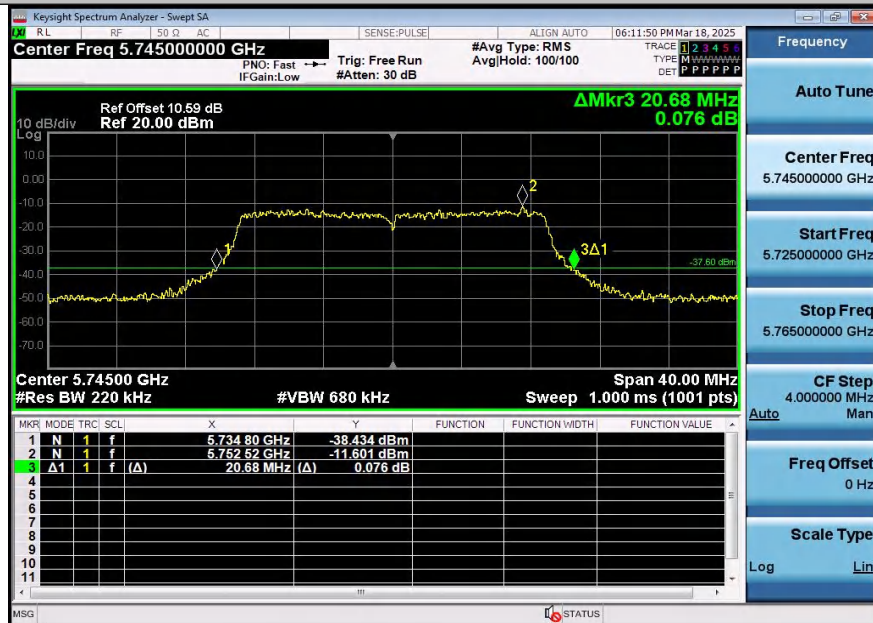
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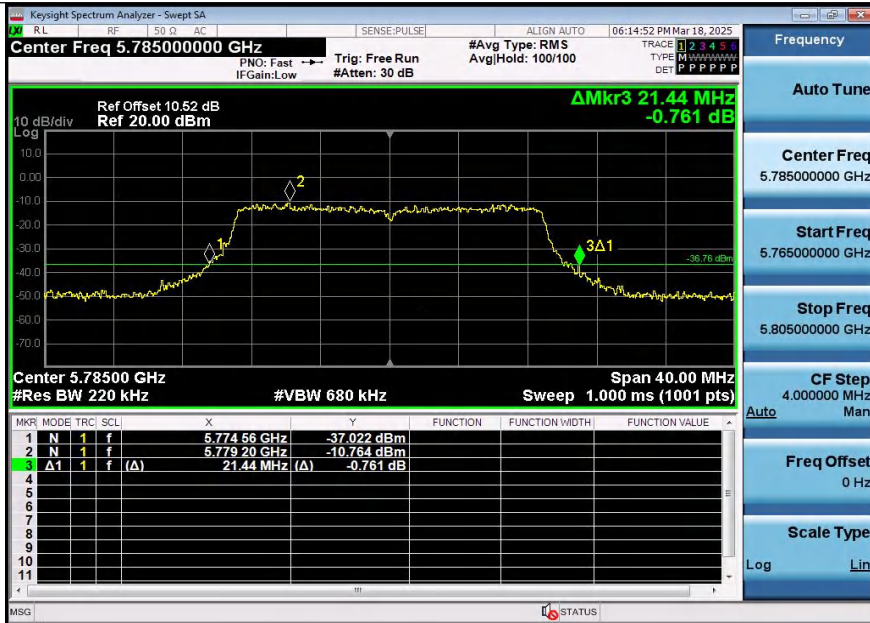
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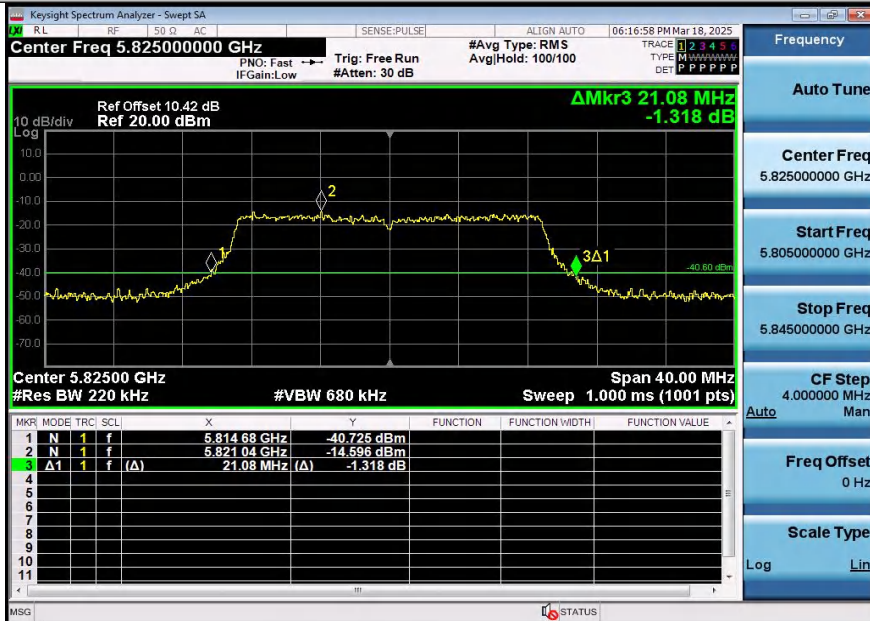
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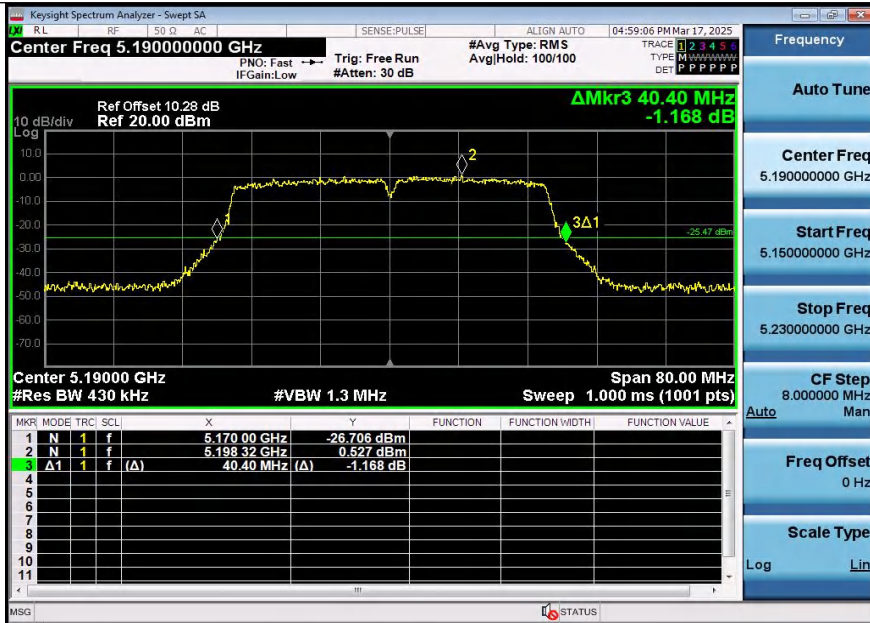
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11N20SISO-Ant1-5785



11N20SISO-Ant1-5825



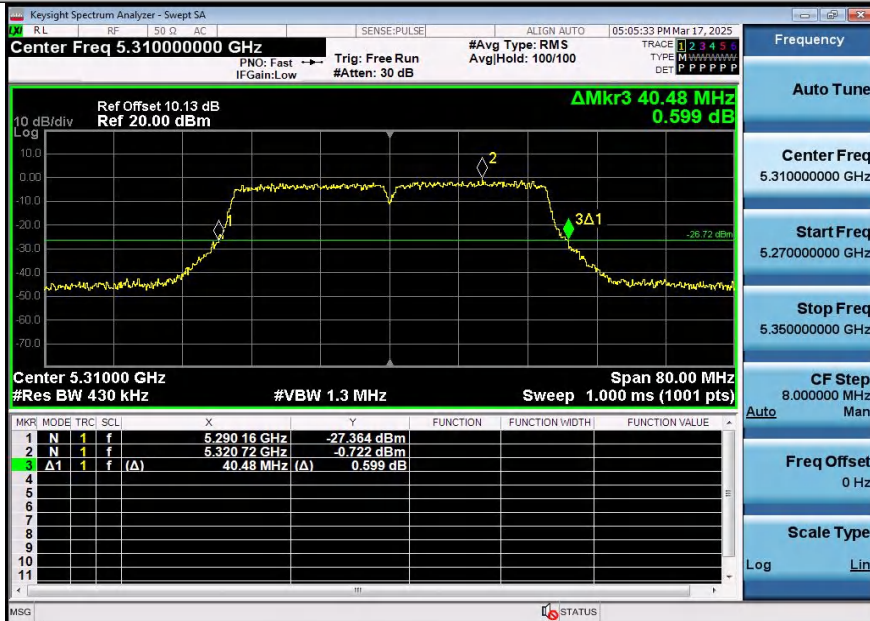
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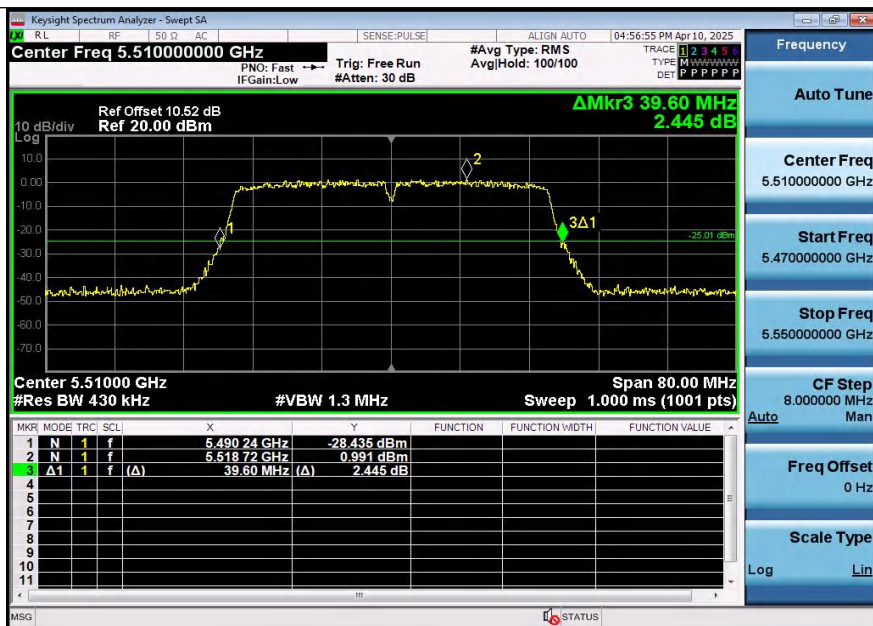
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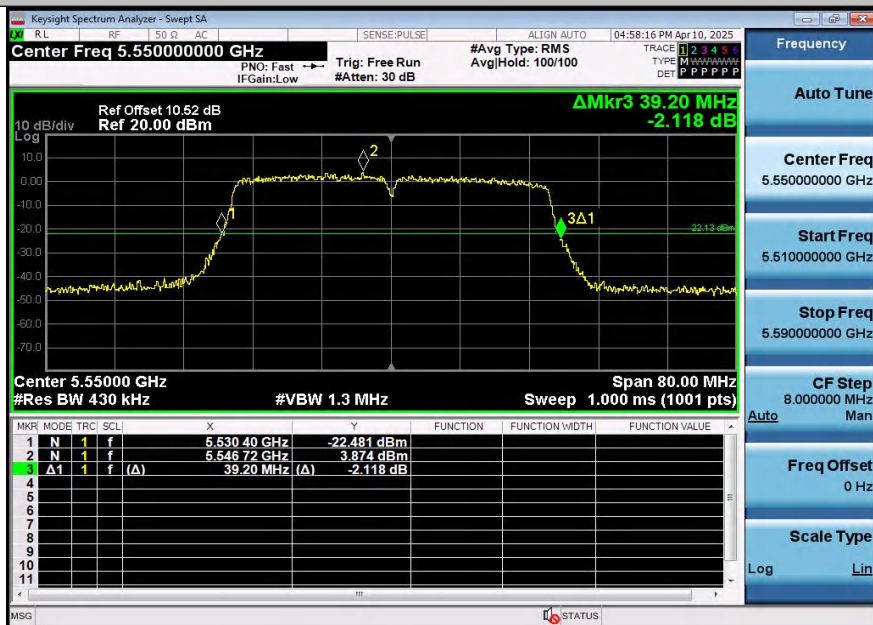
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11N40SISO-Ant1-5310



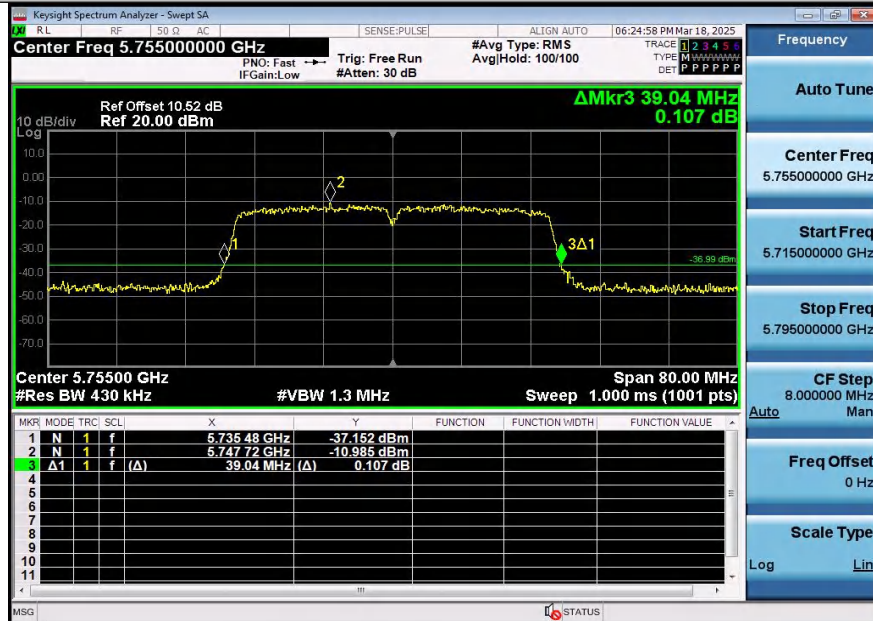
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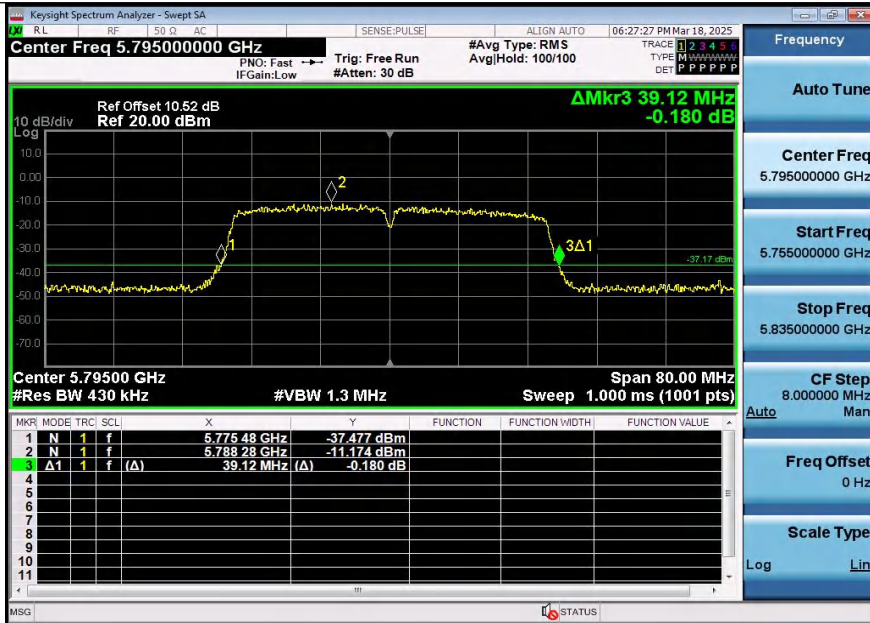
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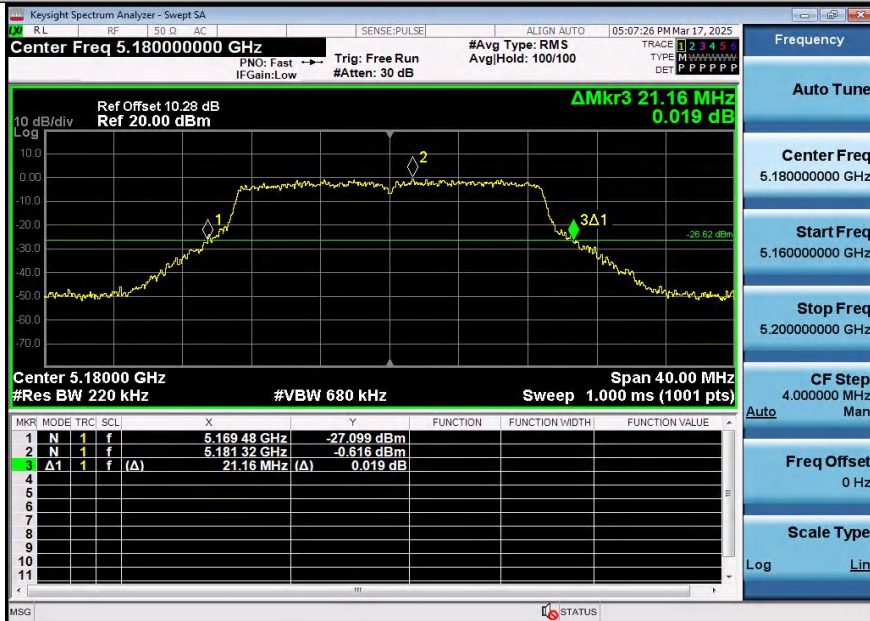
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11N40SISO-Ant1-5795



11AC20SISO-Ant1-5180



11AC20SISO-Ant1-5200



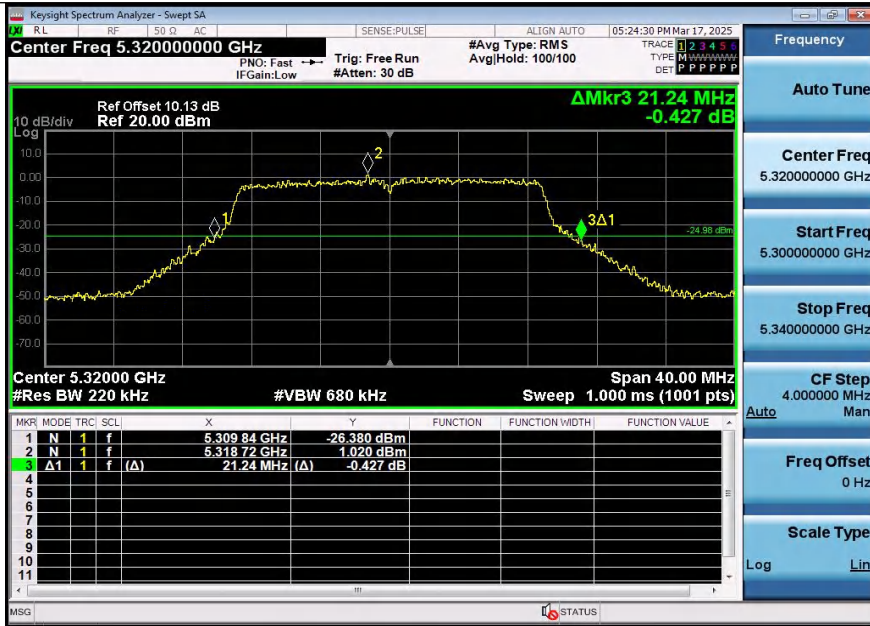
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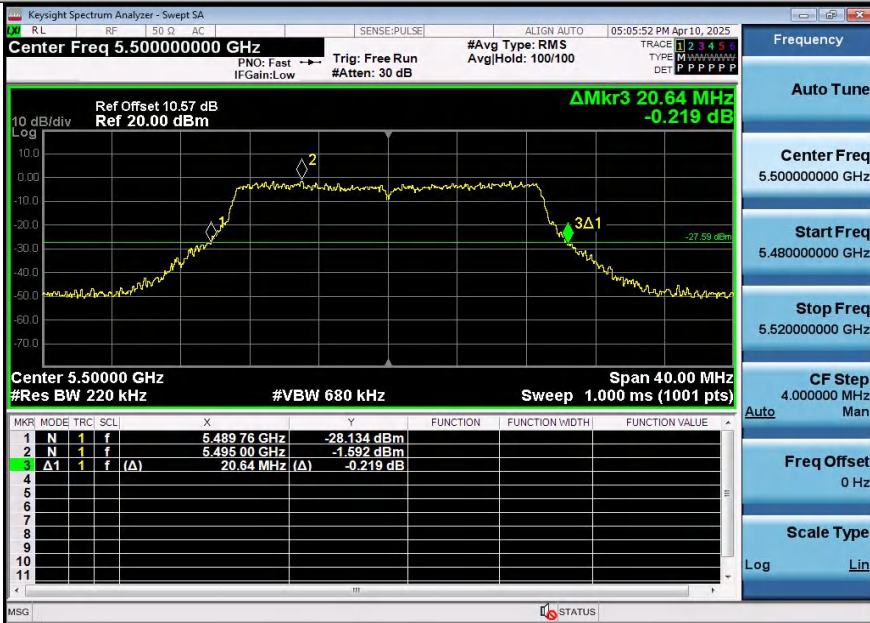
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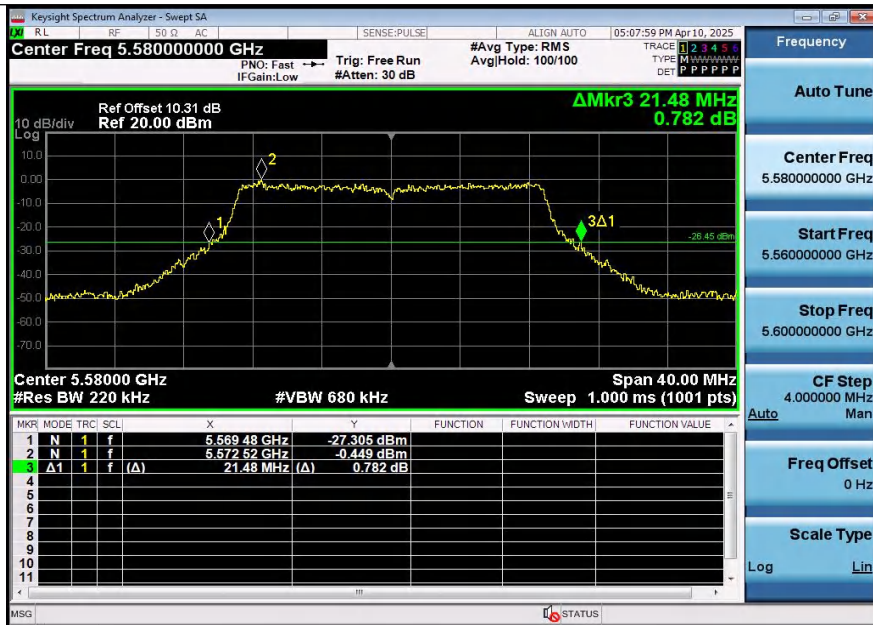
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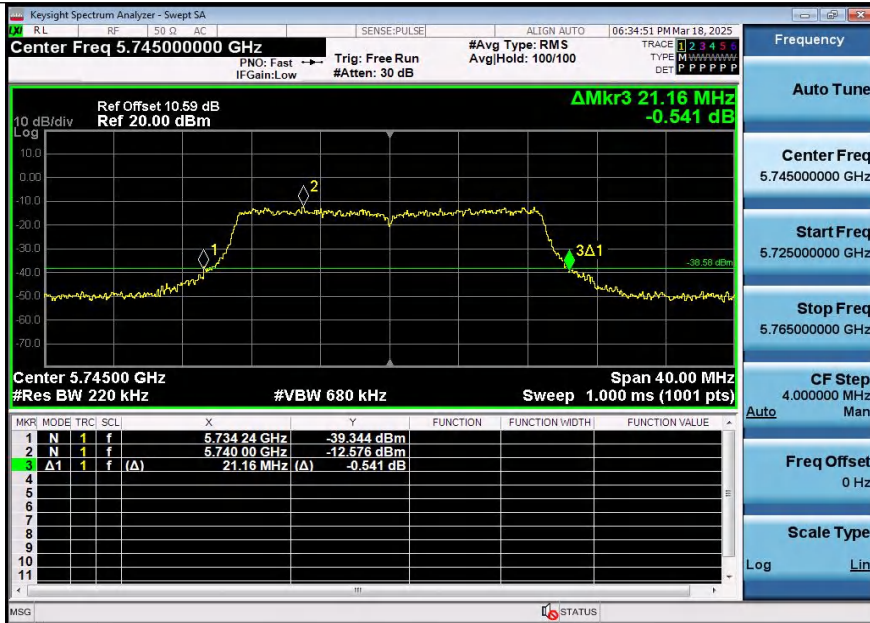
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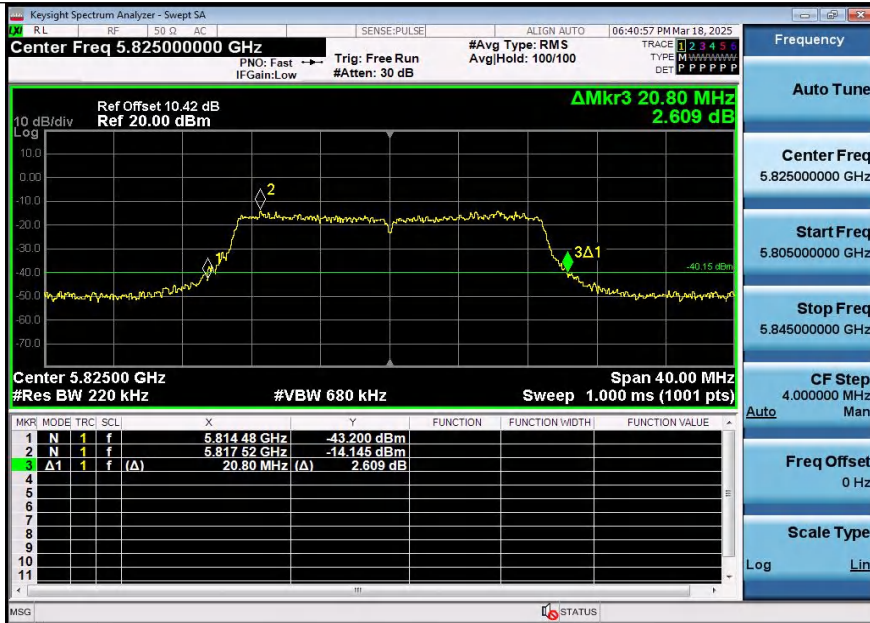
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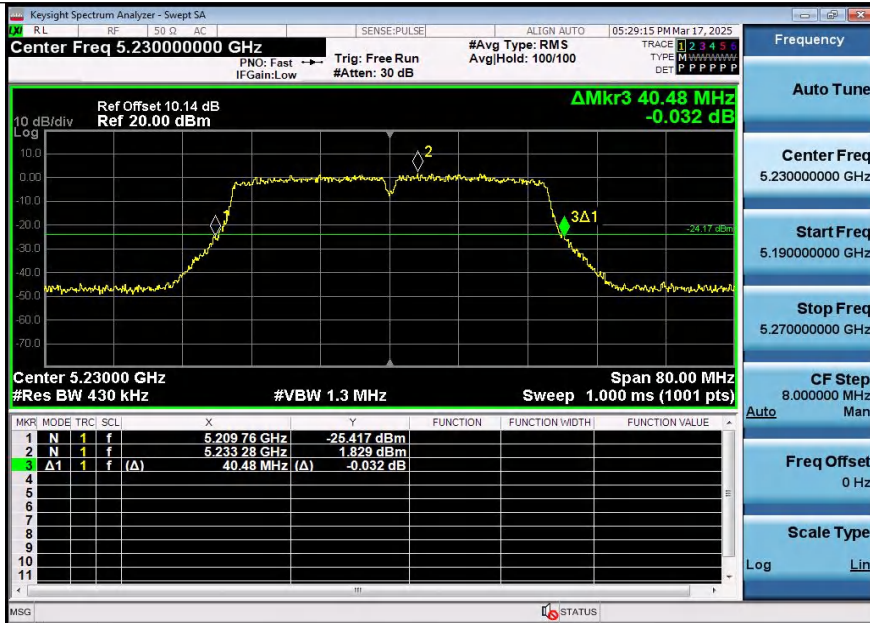
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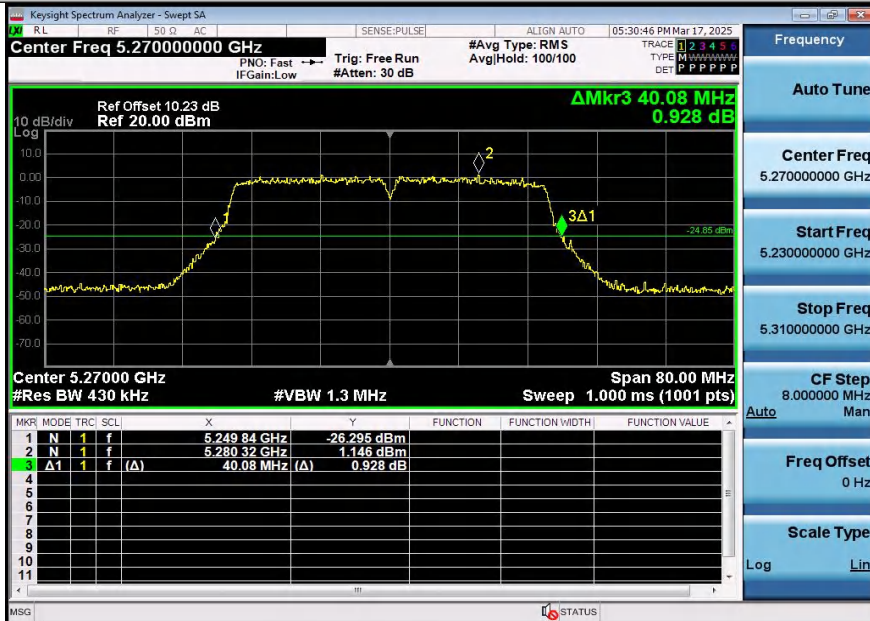
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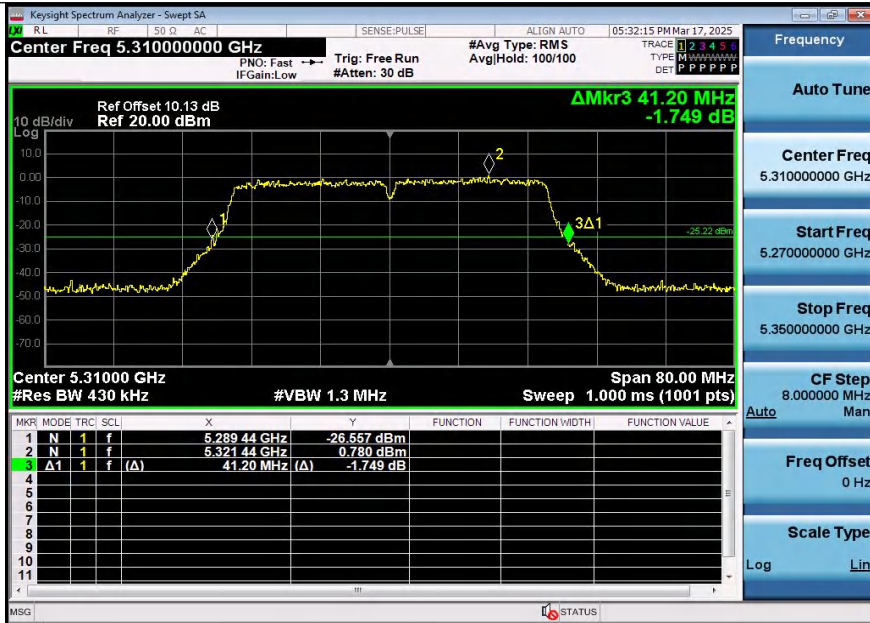
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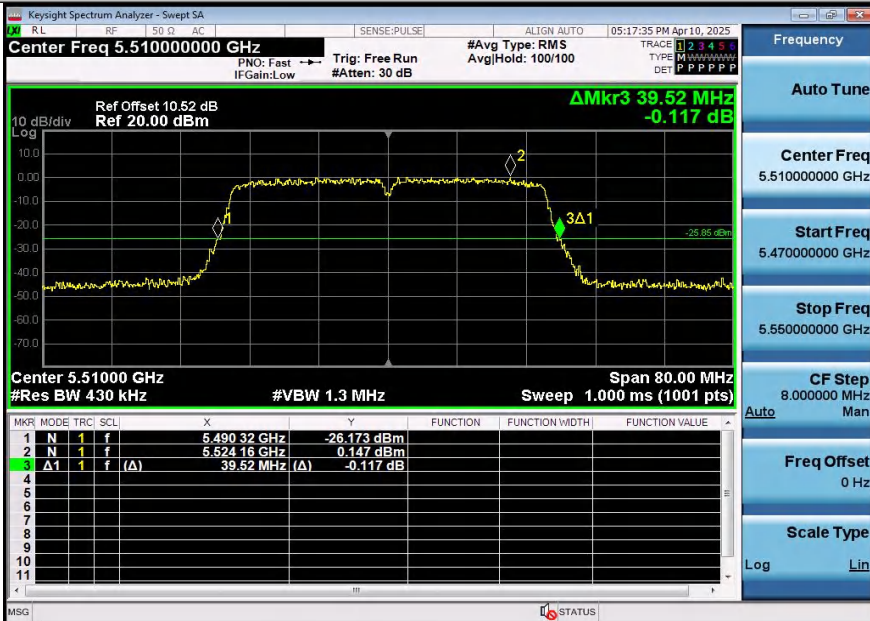
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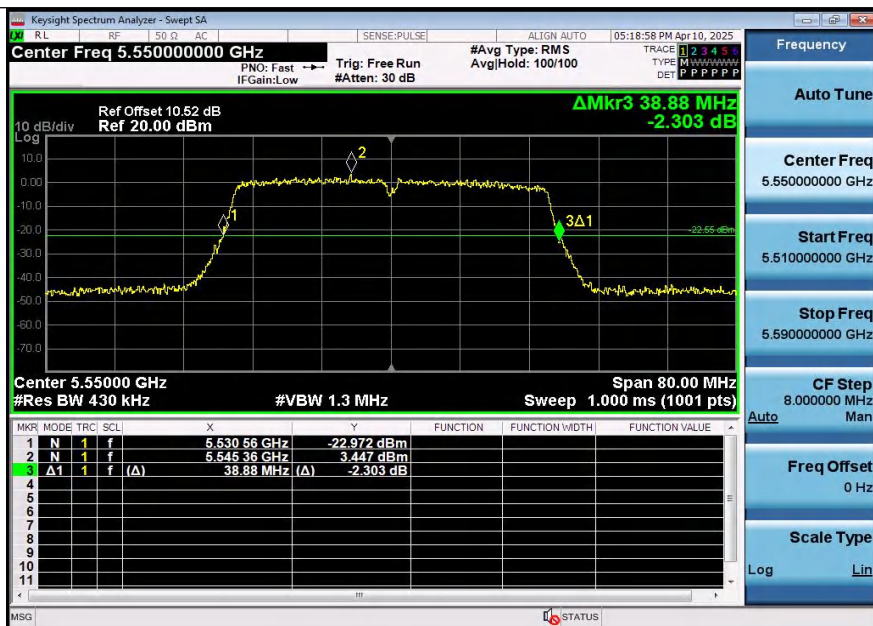
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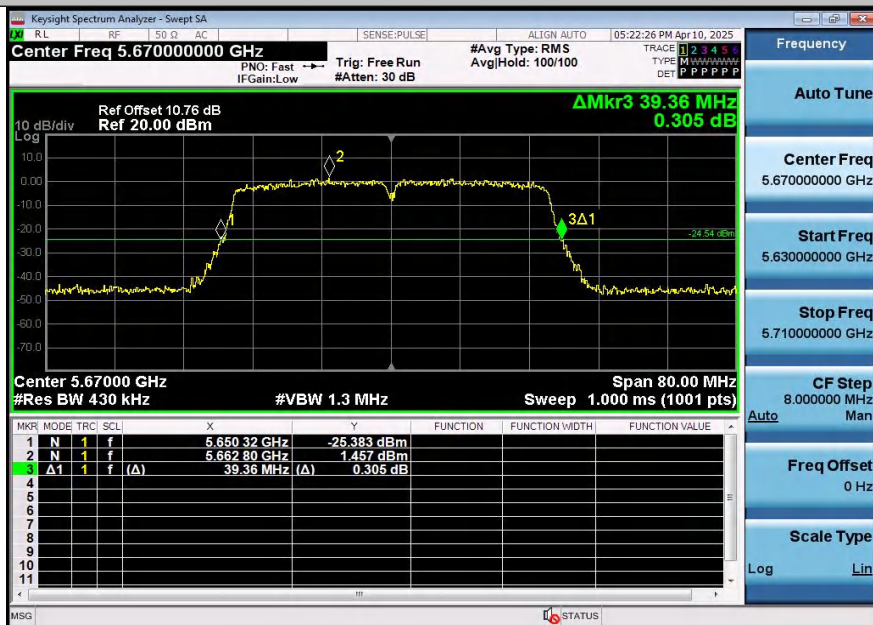
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11AC40SISO-Ant1-5510



11AC40SISO-Ant1-5550



11AC40SISO-Ant1-5670



11AC40SISO-Ant1-5755



11AC40SISO-Ant1-5795