

## Appendix A1: Emission Bandwidth

### Test Result

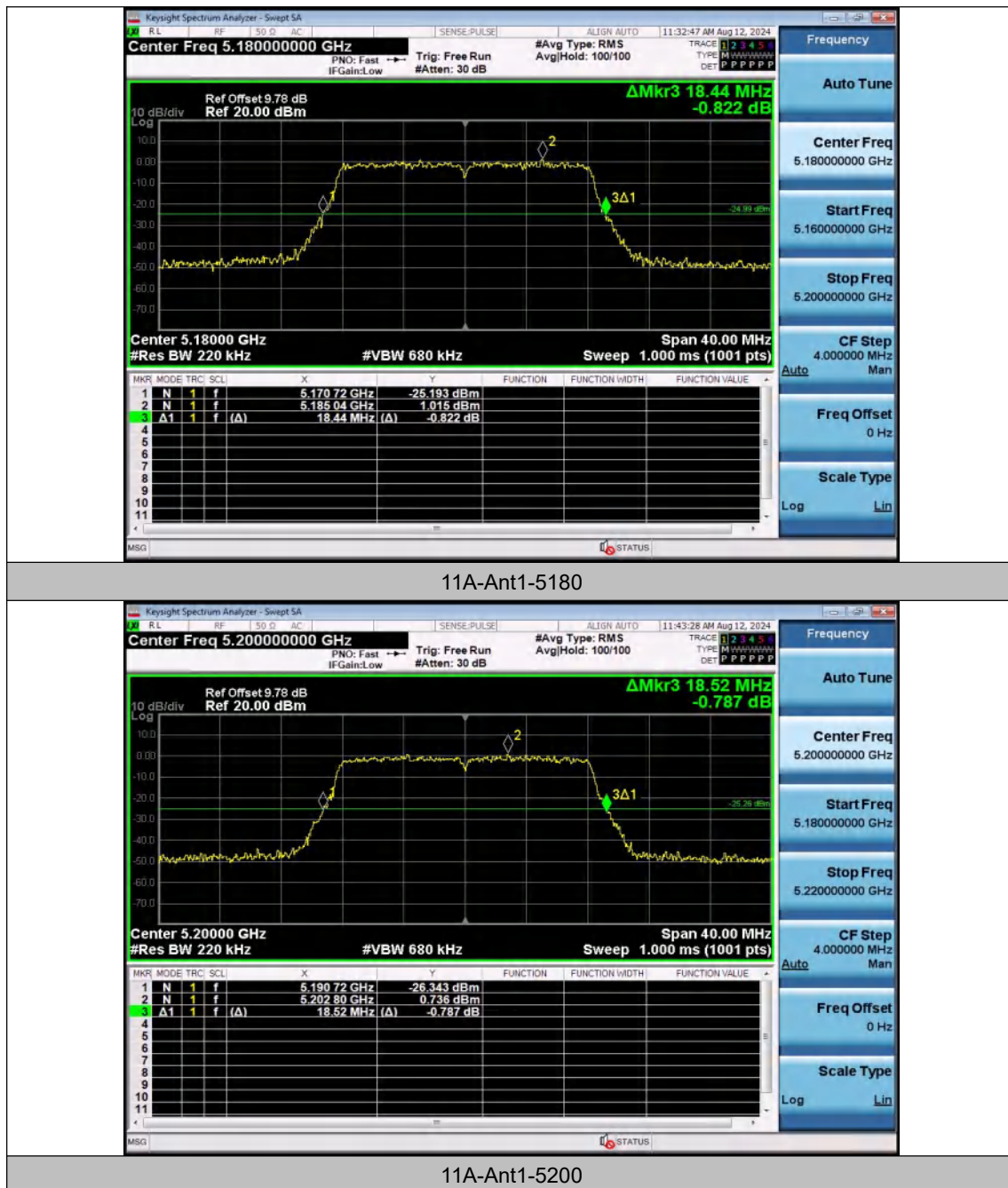
#### Ant 1

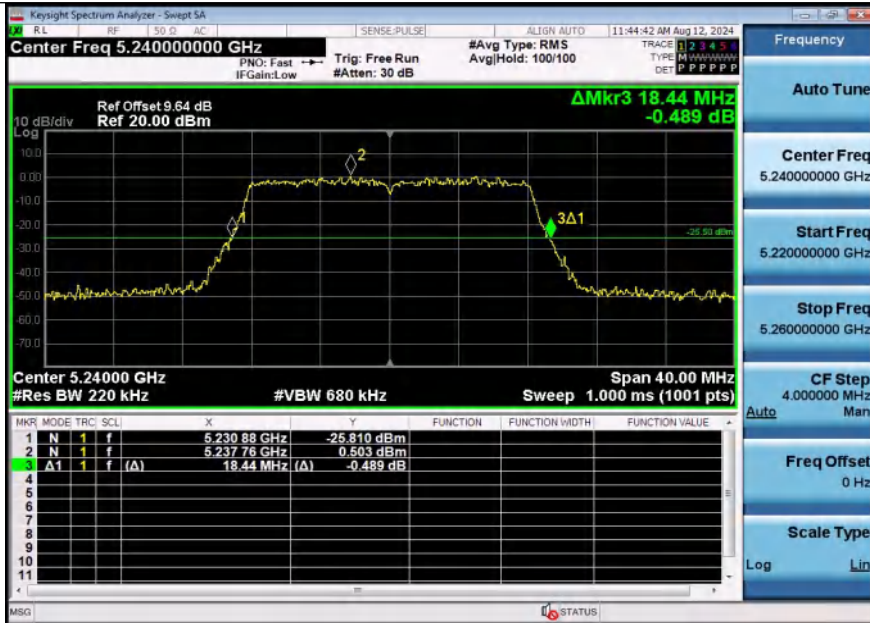
Test Mode	Antenna	Frequency[MHz]	26db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5180	18.440	5170.720	5189.160	---	---
11A	Ant1	5200	18.520	5190.720	5209.240	---	---
11A	Ant1	5240	18.440	5230.880	5249.320	---	---
11A	Ant1	5260	18.440	5250.800	5269.240	---	---
11A	Ant1	5280	18.720	5270.680	5289.400	---	---
11A	Ant1	5320	18.520	5310.720	5329.240	---	---
11A	Ant1	5500	18.640	5490.680	5509.320	---	---
11A	Ant1	5580	18.640	5570.680	5589.320	---	---
11A	Ant1	5700	18.400	5690.800	5709.200	---	---
11A	Ant1	5745	18.240	5735.800	5754.040	---	---
11A	Ant1	5785	18.480	5775.760	5794.240	---	---
11A	Ant1	5825	18.480	5815.720	5834.200	---	---
11N20SISO	Ant1	5180	19.200	5170.440	5189.640	---	---
11N20SISO	Ant1	5200	19.320	5190.440	5209.760	---	---
11N20SISO	Ant1	5240	19.280	5230.440	5249.720	---	---
11N20SISO	Ant1	5260	19.400	5250.280	5269.680	---	---
11N20SISO	Ant1	5280	19.440	5270.320	5289.760	---	---
11N20SISO	Ant1	5320	19.240	5310.520	5329.760	---	---
11N20SISO	Ant1	5500	19.400	5490.360	5509.760	---	---
11N20SISO	Ant1	5580	19.160	5570.480	5589.640	---	---
11N20SISO	Ant1	5700	19.280	5690.400	5709.680	---	---
11N20SISO	Ant1	5745	19.480	5735.360	5754.840	---	---
11N20SISO	Ant1	5785	19.360	5775.240	5794.600	---	---
11N20SISO	Ant1	5825	19.360	5815.400	5834.760	---	---
11N40SISO	Ant1	5190	38.480	5170.960	5209.440	---	---
11N40SISO	Ant1	5230	38.560	5210.800	5249.360	---	---
11N40SISO	Ant1	5270	38.800	5250.720	5289.520	---	---
11N40SISO	Ant1	5310	38.720	5290.560	5329.280	---	---
11N40SISO	Ant1	5510	38.800	5490.560	5529.360	---	---
11N40SISO	Ant1	5550	38.640	5530.560	5569.200	---	---
11N40SISO	Ant1	5670	38.800	5650.640	5689.440	---	---
11N40SISO	Ant1	5755	38.560	5735.880	5774.440	---	---
11N40SISO	Ant1	5795	38.960	5775.560	5814.520	---	---
11AC20SISO	Ant1	5180	19.520	5170.280	5189.800	---	---
11AC20SISO	Ant1	5200	19.560	5190.200	5209.760	---	---

11AC20SISO	Ant1	5240	19.480	5230.240	5249.720	---	---
11AC20SISO	Ant1	5260	19.400	5250.280	5269.680	---	---
11AC20SISO	Ant1	5280	19.320	5270.360	5289.680	---	---
11AC20SISO	Ant1	5320	19.360	5310.360	5329.720	---	---
11AC20SISO	Ant1	5500	19.600	5490.200	5509.800	---	---
11AC20SISO	Ant1	5580	19.400	5570.320	5589.720	---	---
11AC20SISO	Ant1	5700	19.440	5690.400	5709.840	---	---
11AC20SISO	Ant1	5745	19.440	5735.280	5754.720	---	---
11AC20SISO	Ant1	5785	19.360	5775.280	5794.640	---	---
11AC20SISO	Ant1	5825	19.400	5815.280	5834.680	---	---
11AC40SISO	Ant1	5190	38.720	5170.560	5209.280	---	---
11AC40SISO	Ant1	5230	39.280	5210.400	5249.680	---	---
11AC40SISO	Ant1	5270	38.640	5250.800	5289.440	---	---
11AC40SISO	Ant1	5310	39.120	5290.480	5329.600	---	---
11AC40SISO	Ant1	5510	38.720	5490.800	5529.520	---	---
11AC40SISO	Ant1	5550	38.880	5530.640	5569.520	---	---
11AC40SISO	Ant1	5670	39.120	5650.480	5689.600	---	---
11AC40SISO	Ant1	5755	38.560	5735.720	5774.280	---	---
11AC40SISO	Ant1	5795	38.720	5775.640	5814.360	---	---
11AC80SISO	Ant1	5210	84.160	5168.080	5252.240	---	---
11AC80SISO	Ant1	5290	83.680	5248.560	5332.240	---	---
11AC80SISO	Ant1	5530	82.240	5489.360	5571.600	---	---
11AC80SISO	Ant1	5610	83.360	5569.040	5652.400	---	---
11AC80SISO	Ant1	5775	83.360	5733.400	5816.760	---	---
11AC160SISO	Ant1	5250	165.120	5168.080	5333.200	---	---
11AC160SISO	Ant1	5250_UNII-1	81.92	5168.080	5250	---	---
11AC160SISO	Ant1	5250_UNII-2A	83.2	5250	5333.200	---	---
11AC160SISO	Ant1	5570	164.160	5488.720	5652.880	---	---
11AX20SISO	Ant1	5180	20.160	5169.920	5190.080	---	---
11AX20SISO	Ant1	5200	20.160	5189.920	5210.080	---	---
11AX20SISO	Ant1	5240	20.040	5230.000	5250.040	---	---
11AX20SISO	Ant1	5260	20.320	5249.800	5270.120	---	---
11AX20SISO	Ant1	5280	20.120	5270.040	5290.160	---	---
11AX20SISO	Ant1	5320	20.080	5310.000	5330.080	---	---
11AX20SISO	Ant1	5500	20.400	5489.880	5510.280	---	---
11AX20SISO	Ant1	5580	20.360	5569.840	5590.200	---	---
11AX20SISO	Ant1	5700	20.160	5689.960	5710.120	---	---
11AX20SISO	Ant1	5745	20.200	5735.000	5755.200	---	---
11AX20SISO	Ant1	5785	20.320	5774.840	5795.160	---	---
11AX20SISO	Ant1	5825	20.440	5814.800	5835.240	---	---
11AX40SISO	Ant1	5190	39.920	5170.160	5210.080	---	---
11AX40SISO	Ant1	5230	39.680	5210.160	5249.840	---	---
11AX40SISO	Ant1	5270	39.680	5250.320	5290.000	---	---

11AX40SISO	Ant1	5310	39.440	5290.320	5329.760	---	---
11AX40SISO	Ant1	5510	40.160	5490.000	5530.160	---	---
11AX40SISO	Ant1	5550	40.080	5530.000	5570.080	---	---
11AX40SISO	Ant1	5670	39.920	5650.160	5690.080	---	---
11AX40SISO	Ant1	5755	39.840	5735.160	5775.000	---	---
11AX40SISO	Ant1	5795	39.920	5775.160	5815.080	---	---
11AX80SISO	Ant1	5210	80.160	5170.160	5250.320	---	---
11AX80SISO	Ant1	5290	80.000	5250.160	5330.160	---	---
11AX80SISO	Ant1	5530	80.000	5490.160	5570.160	---	---
11AX80SISO	Ant1	5610	80.000	5570.160	5650.160	---	---
11AX80SISO	Ant1	5775	80.000	5735.160	5815.160	---	---
11AX160SISO	Ant1	5250	161.600	5169.360	5330.960	---	---
11AX160SISO	Ant1	5250_UNII-1	80.64	5169.360	5250	---	---
11AX160SISO	Ant1	5250_UNII-2A	80.96	5250	5330.960	---	---
11AX160SISO	Ant1	5570	161.920	5489.680	5651.600	---	---

## Test Graphs

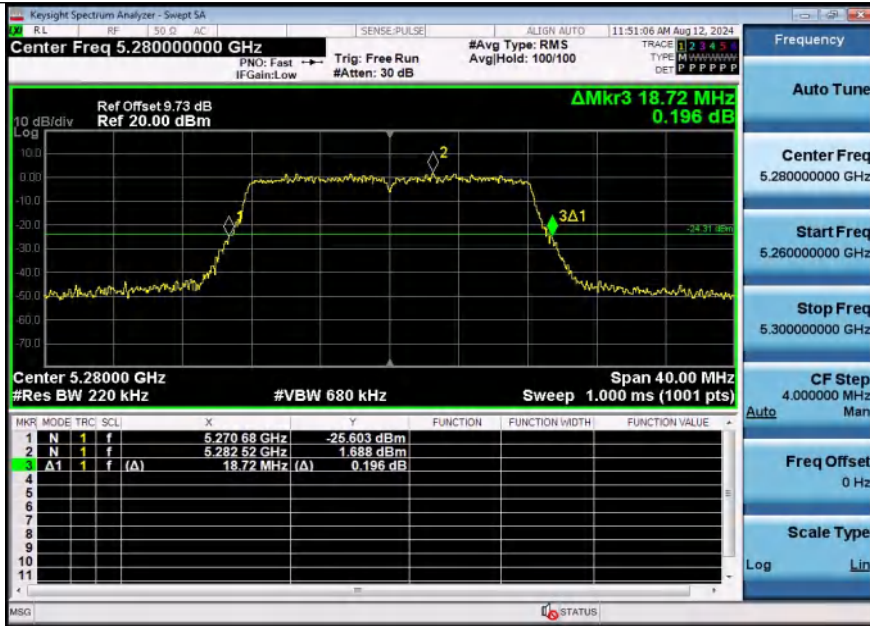




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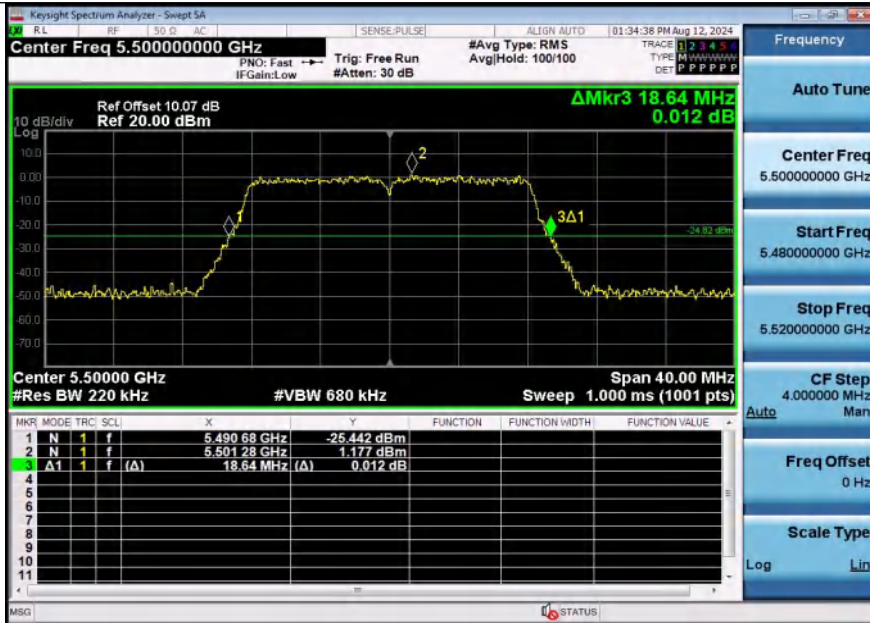
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11A-Ant1-5280



11A-Ant1-5320



11A-Ant1-5500

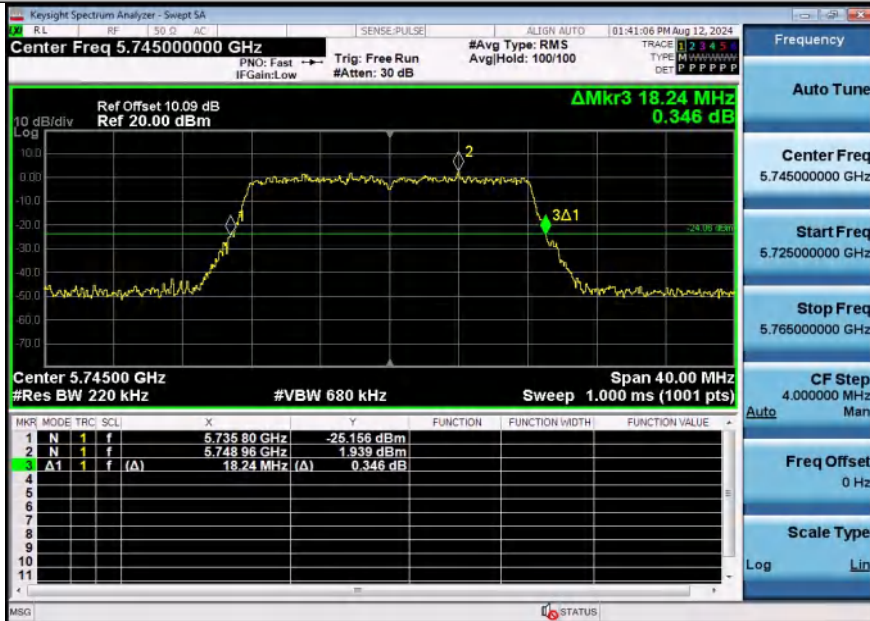


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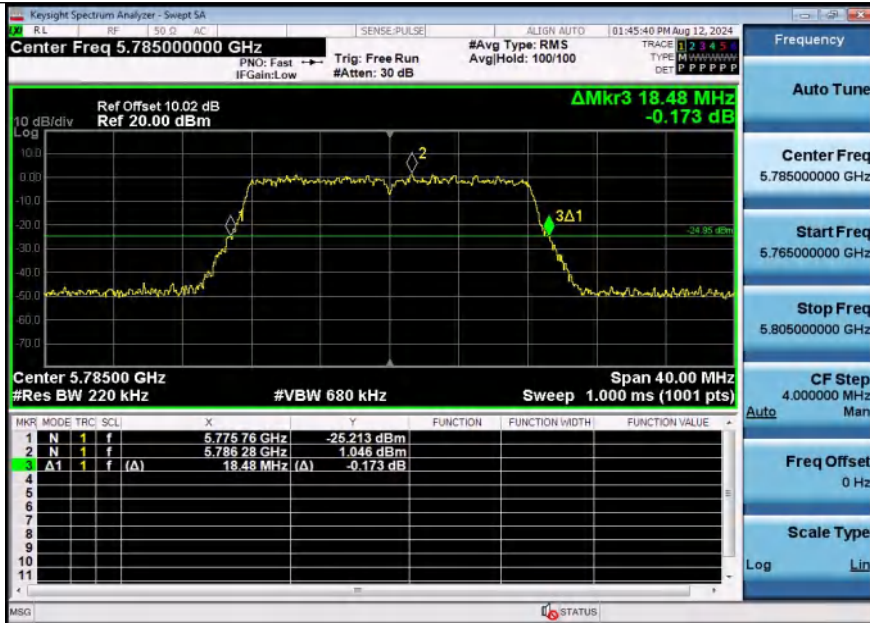


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11A-Ant1-5745

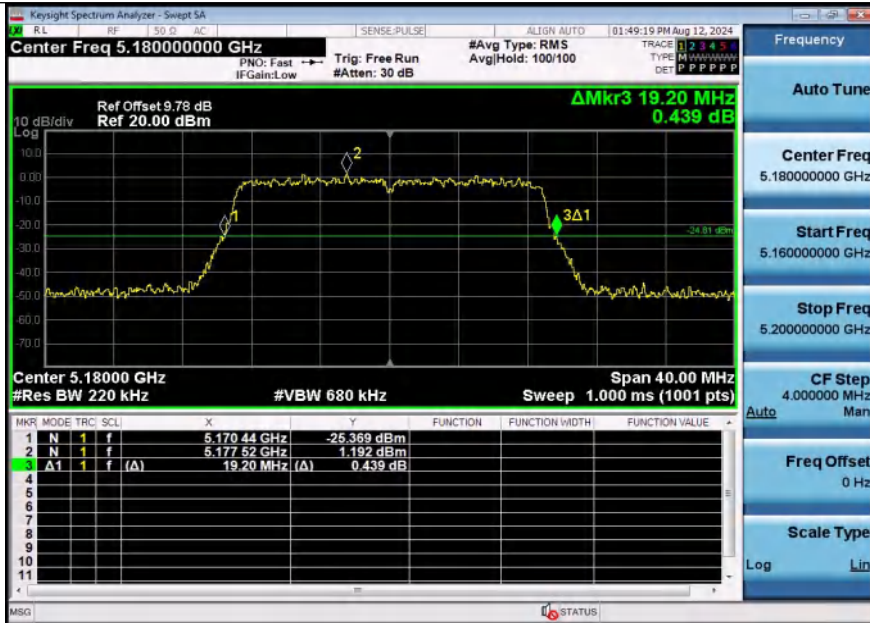




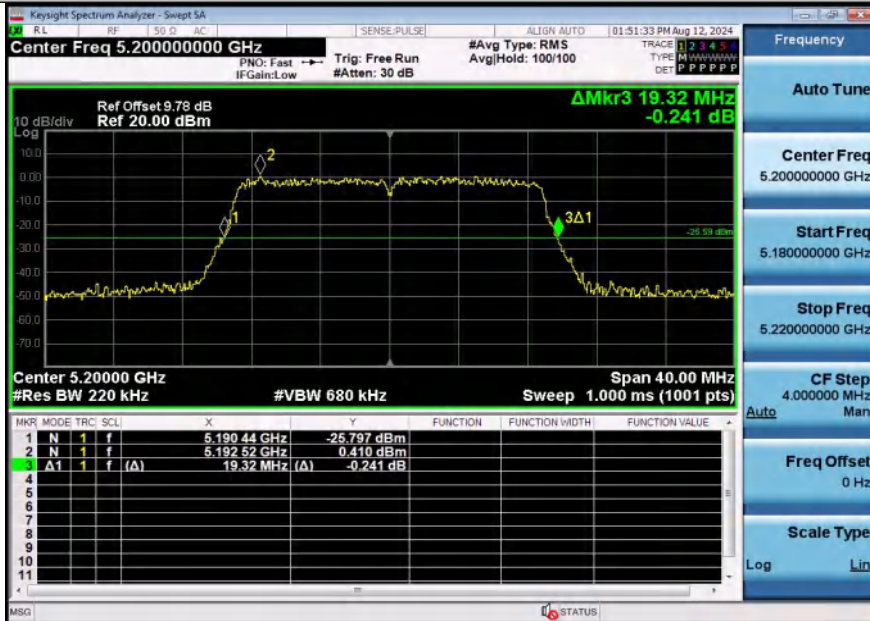
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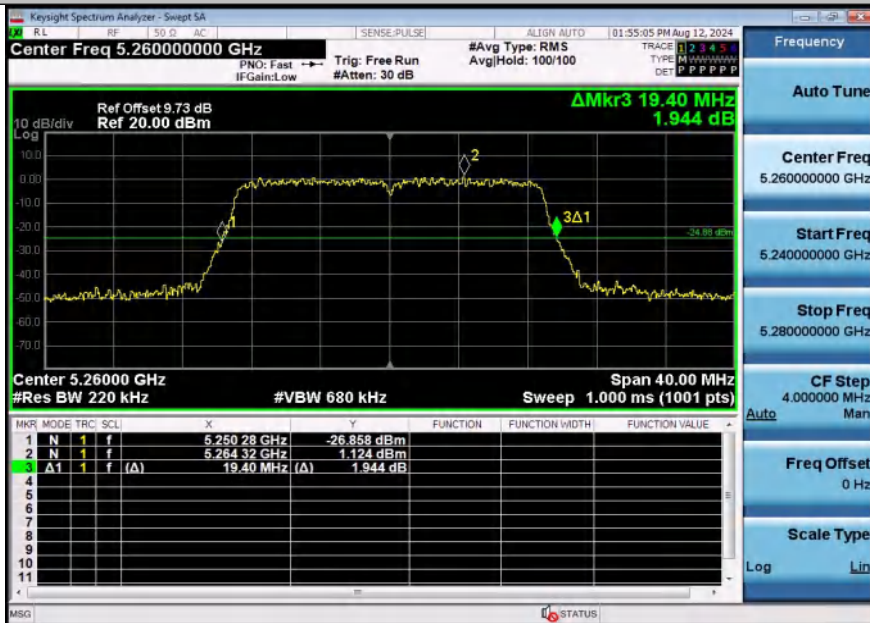
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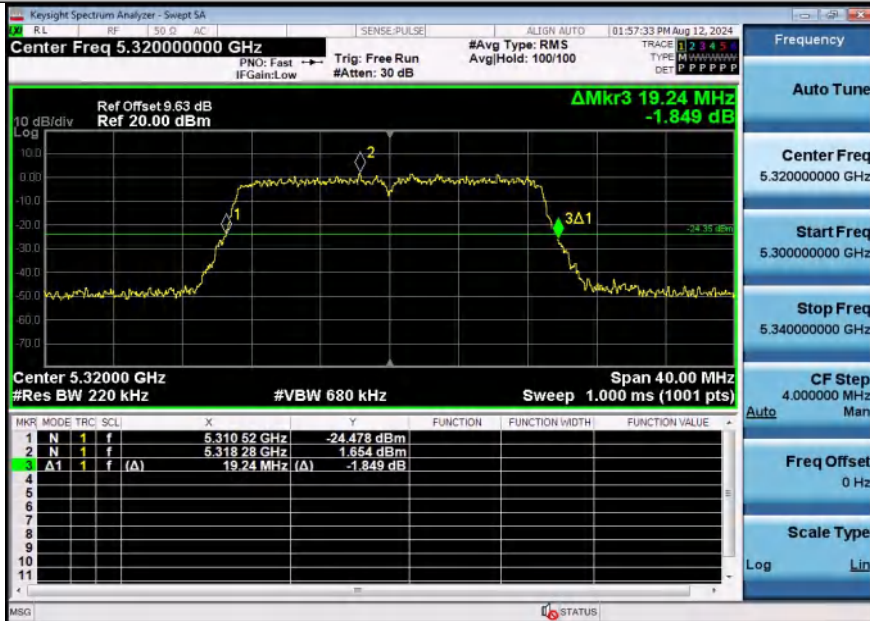
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11N20SISO-Ant1-5260



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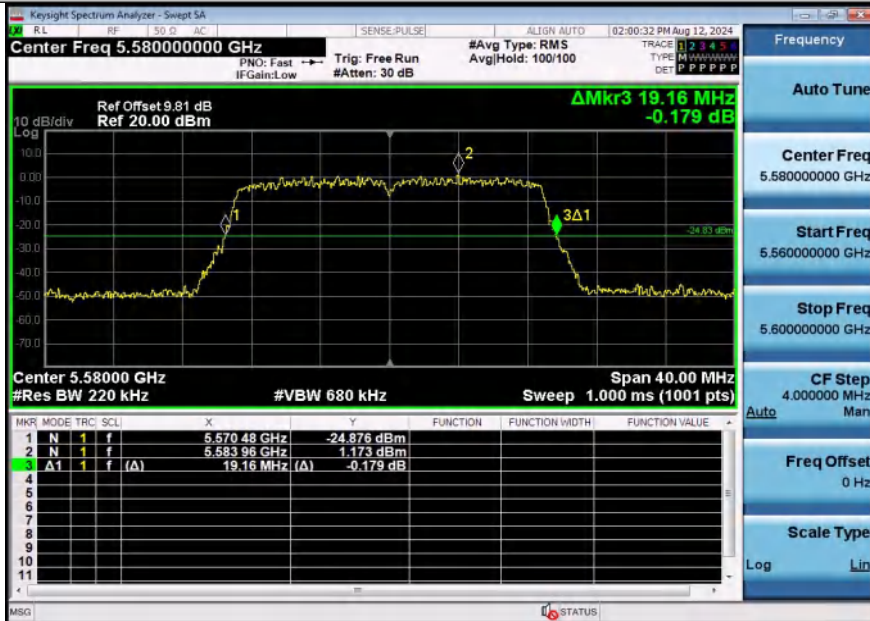


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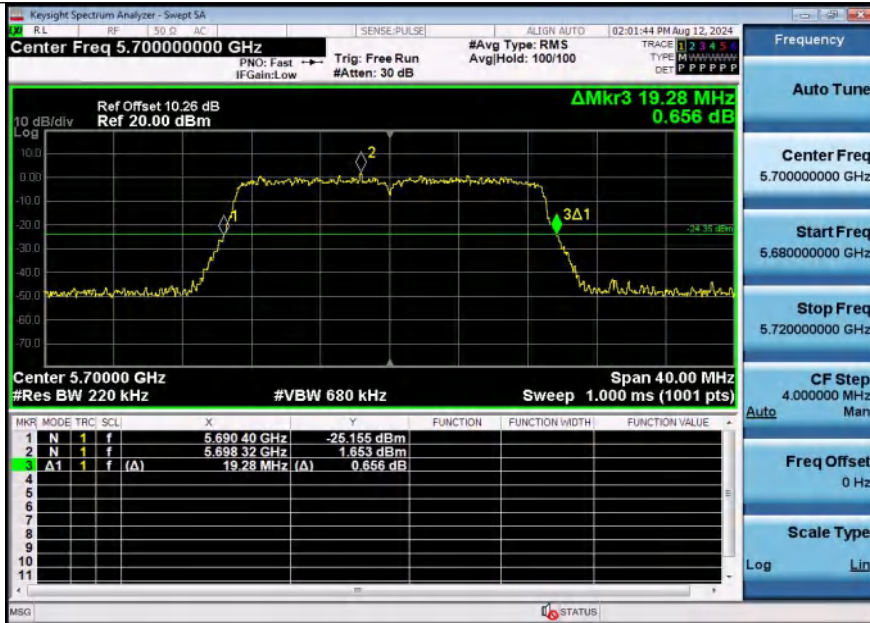




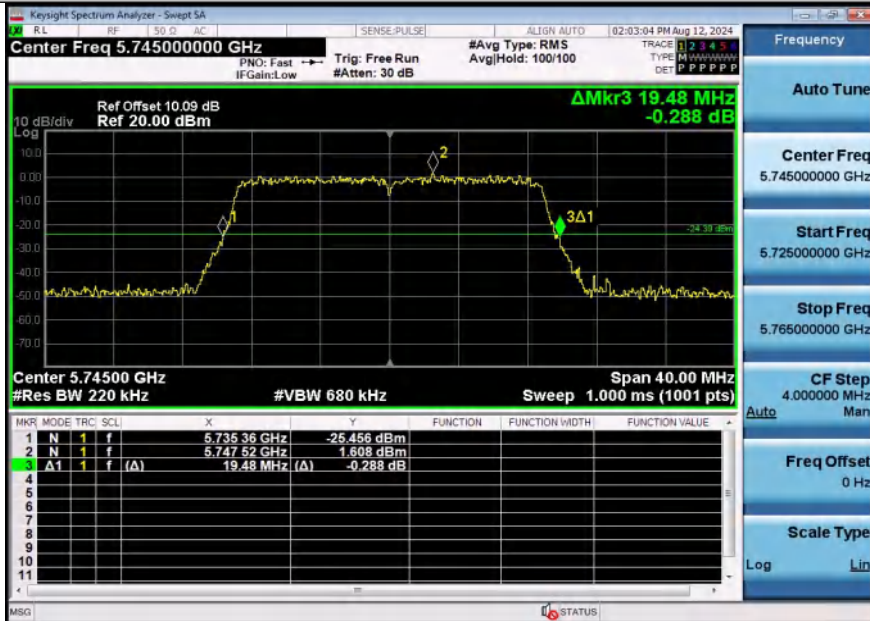
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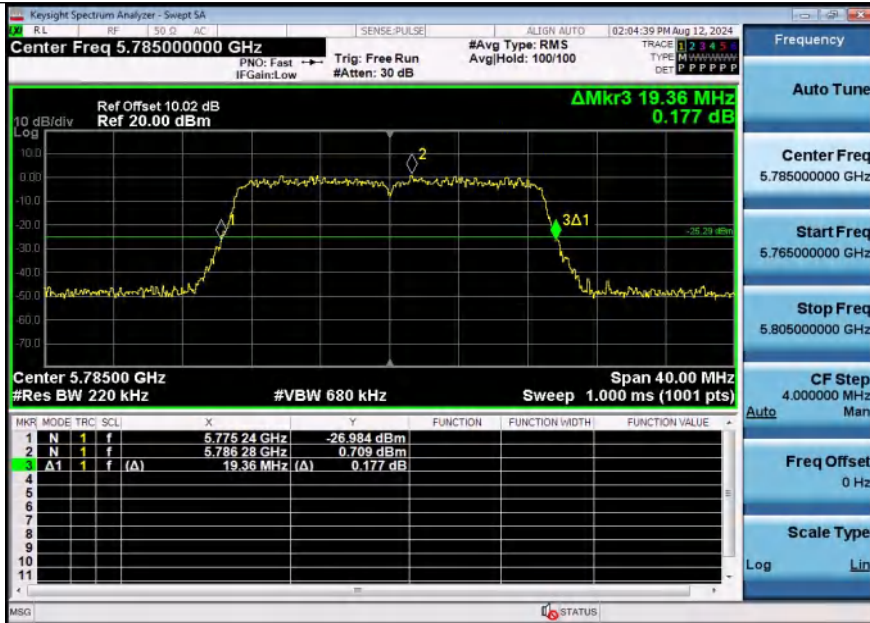


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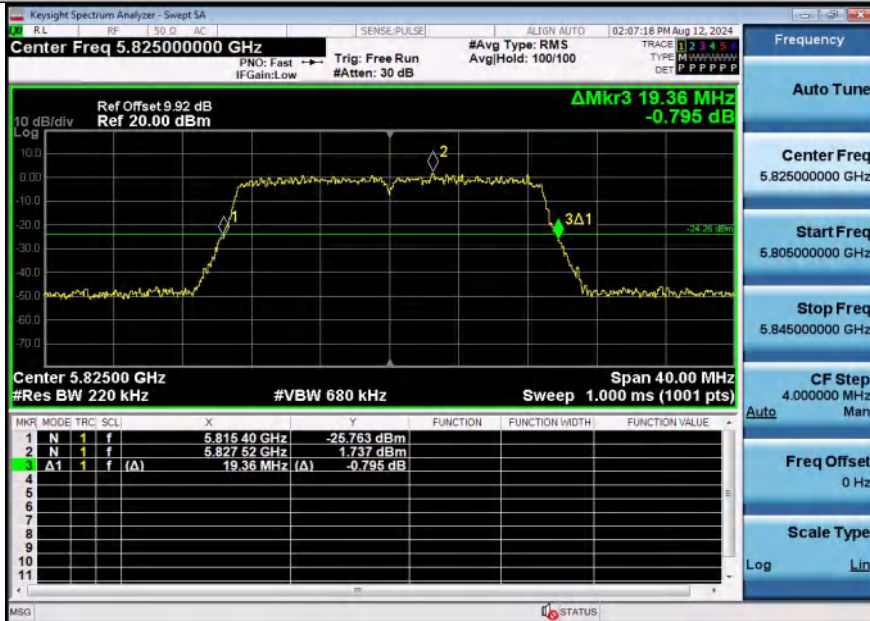


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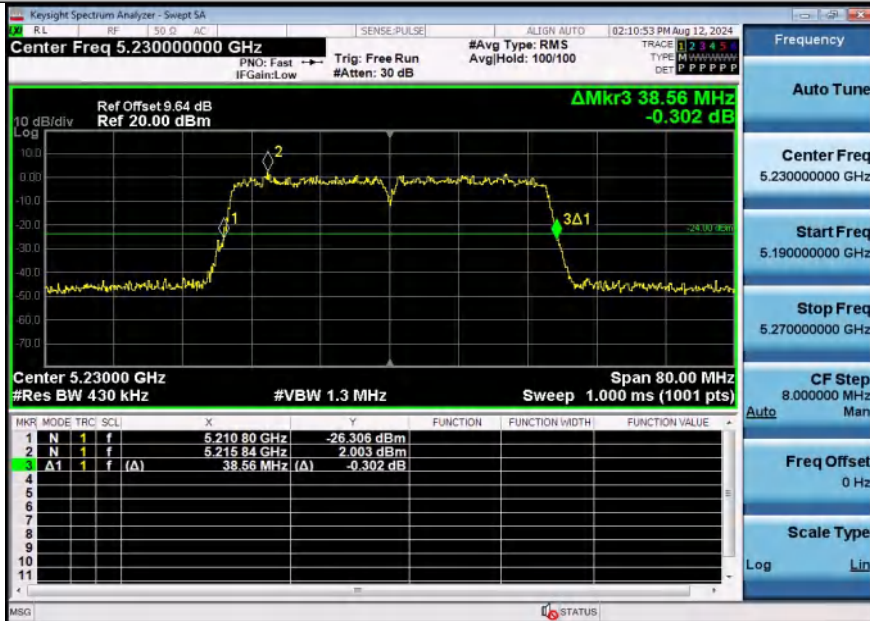
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11N20SISO-Ant1-5825



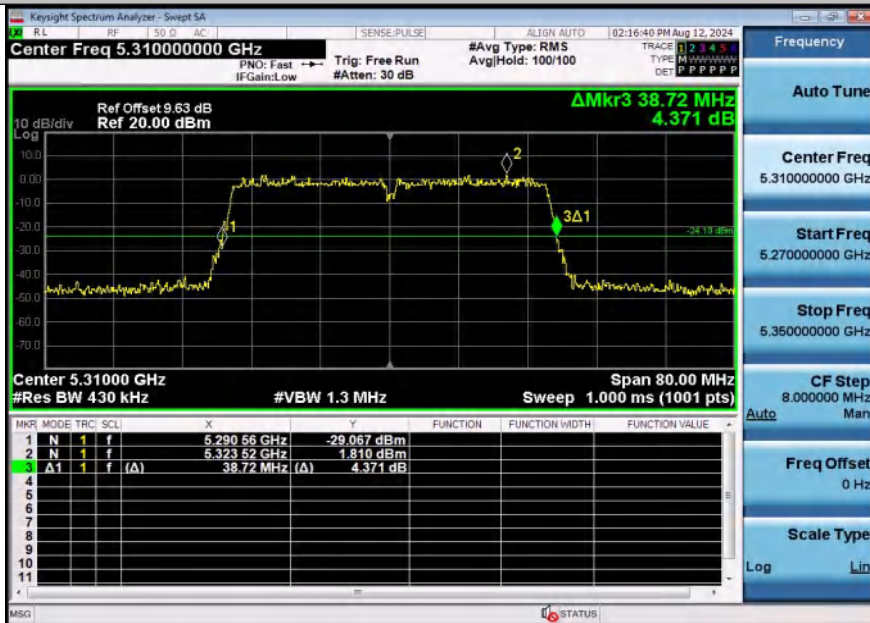
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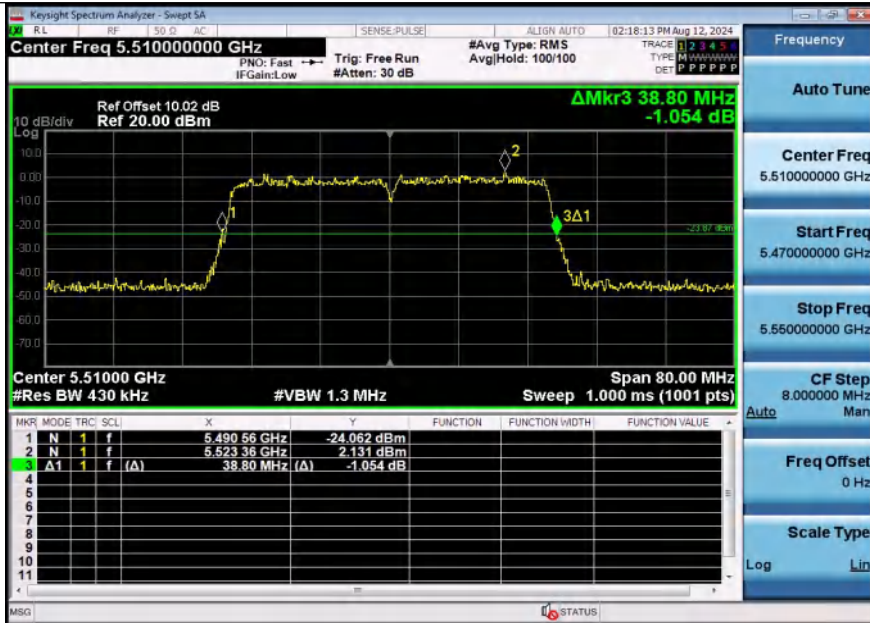
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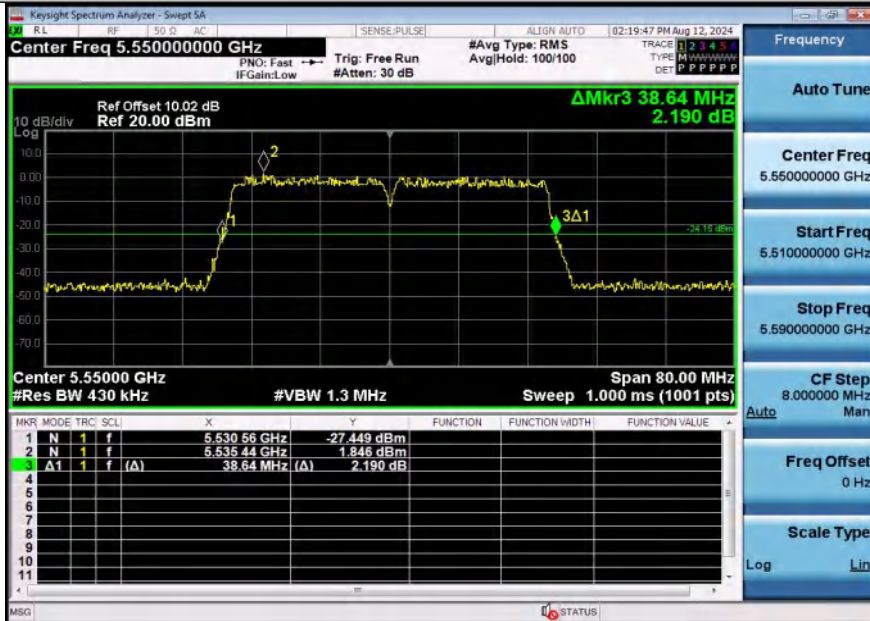
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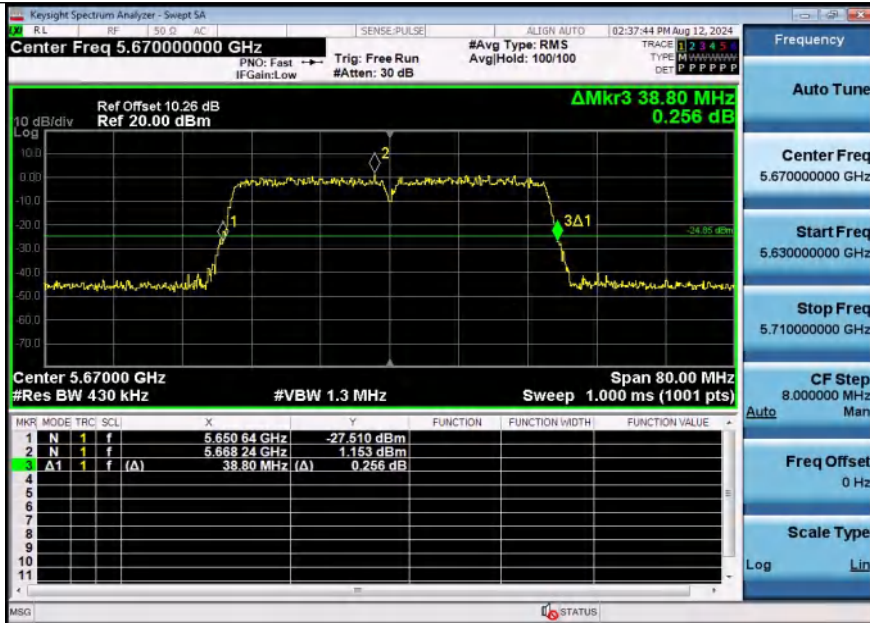


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11N40SISO-Ant1-5550





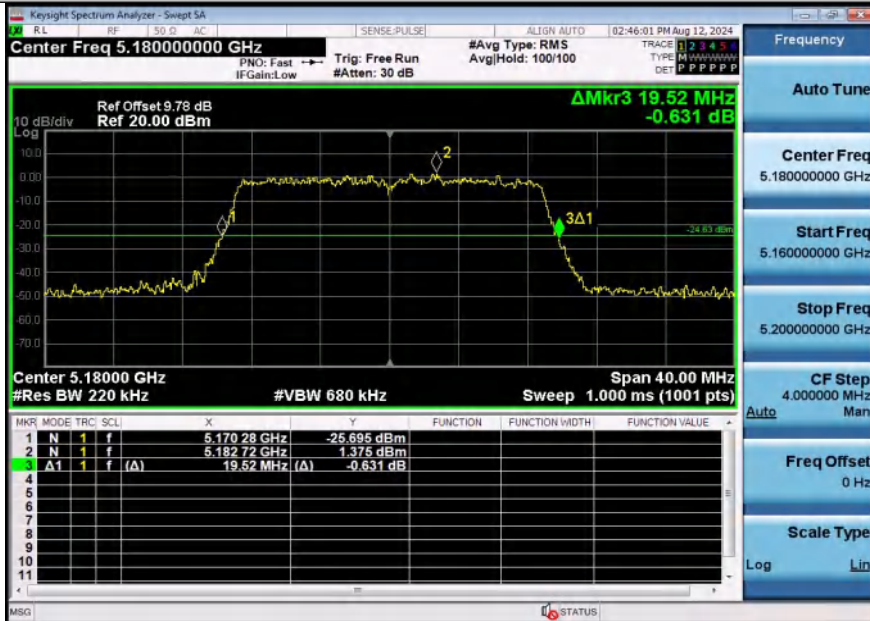
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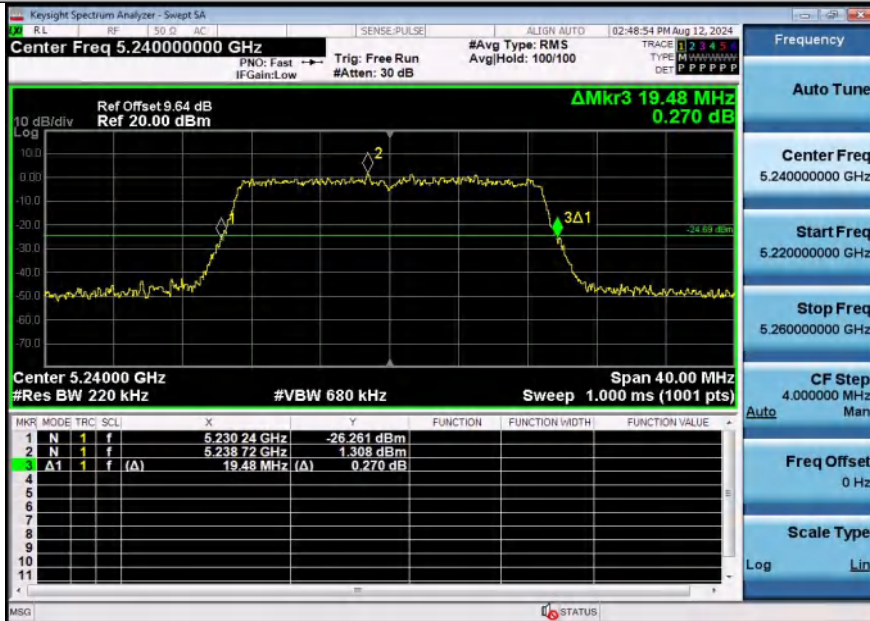


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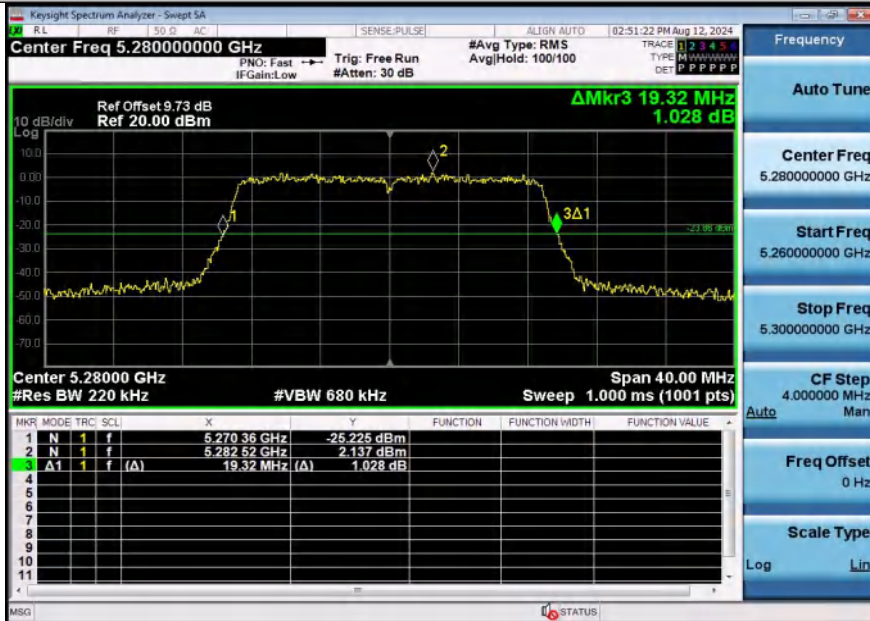
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11AC20SISO-Ant1-5240



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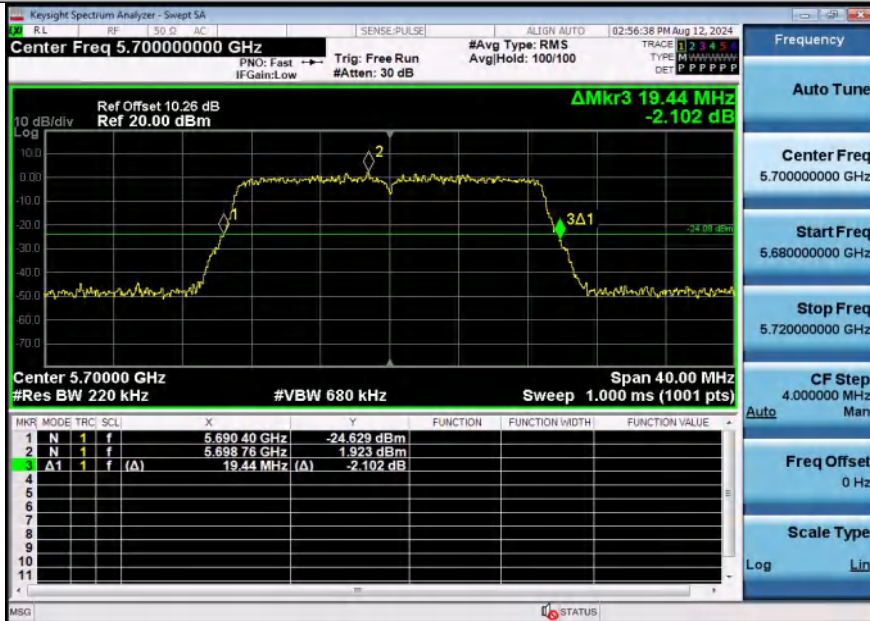
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11AC20SISO-Ant1-5500



11AC20SISO-Ant1-5580

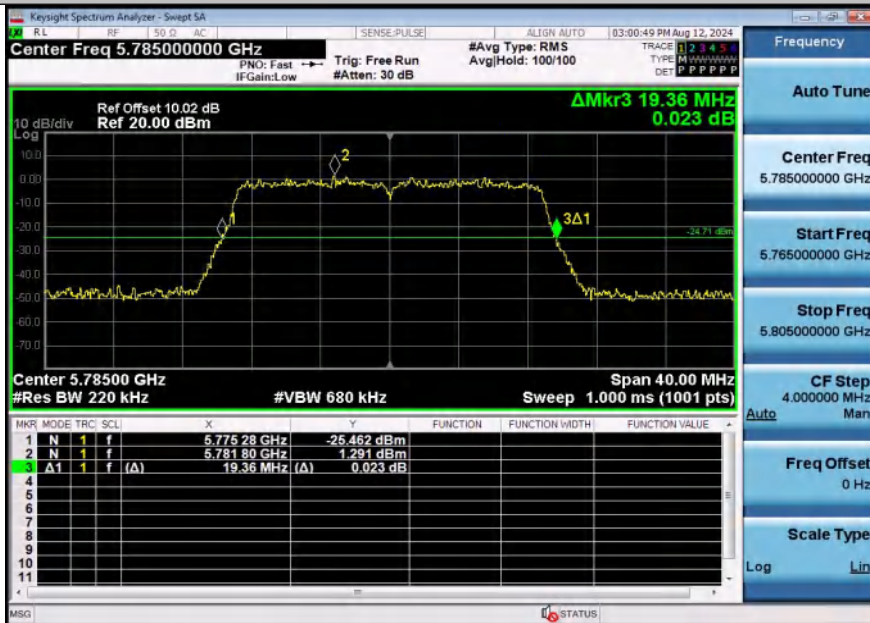


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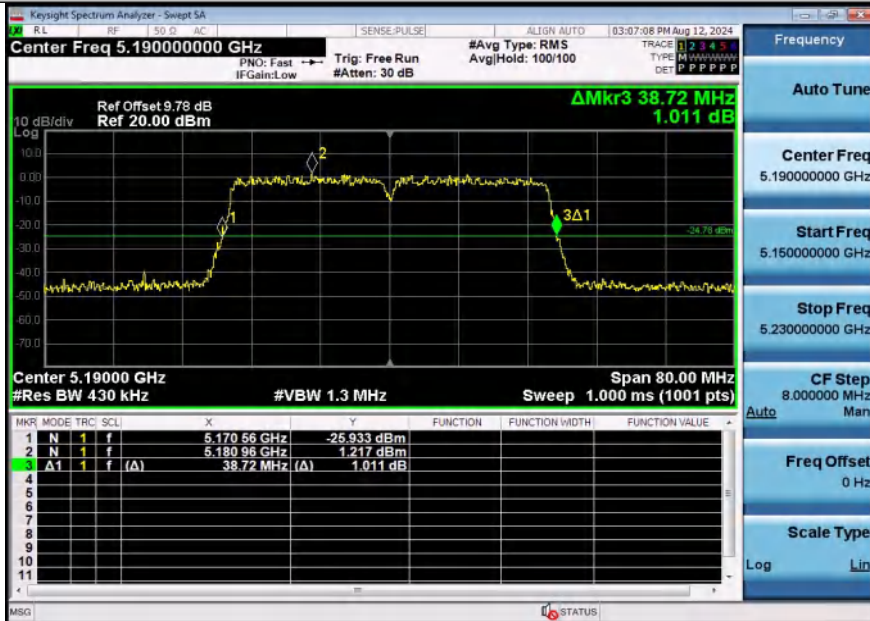
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11AC20SISO-Ant1-5785



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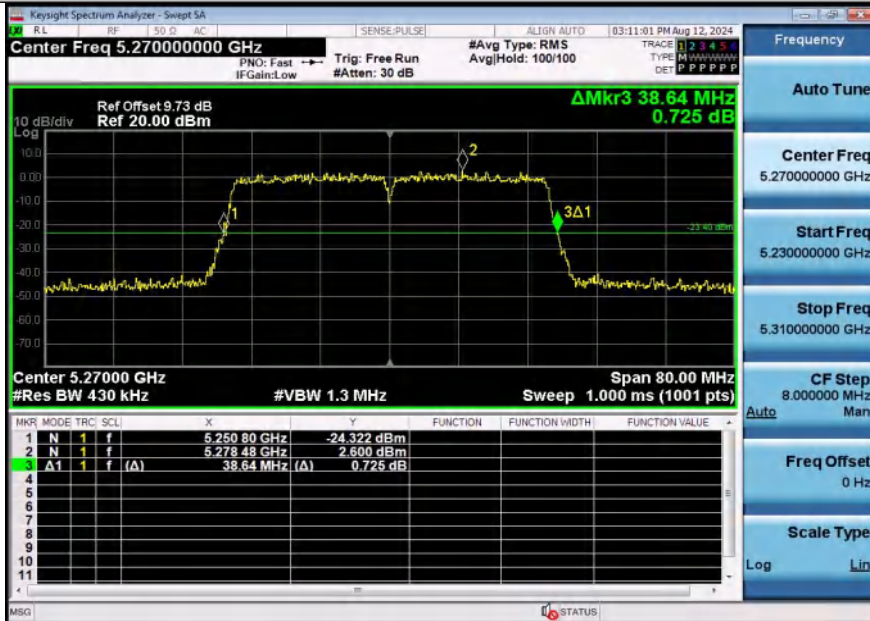


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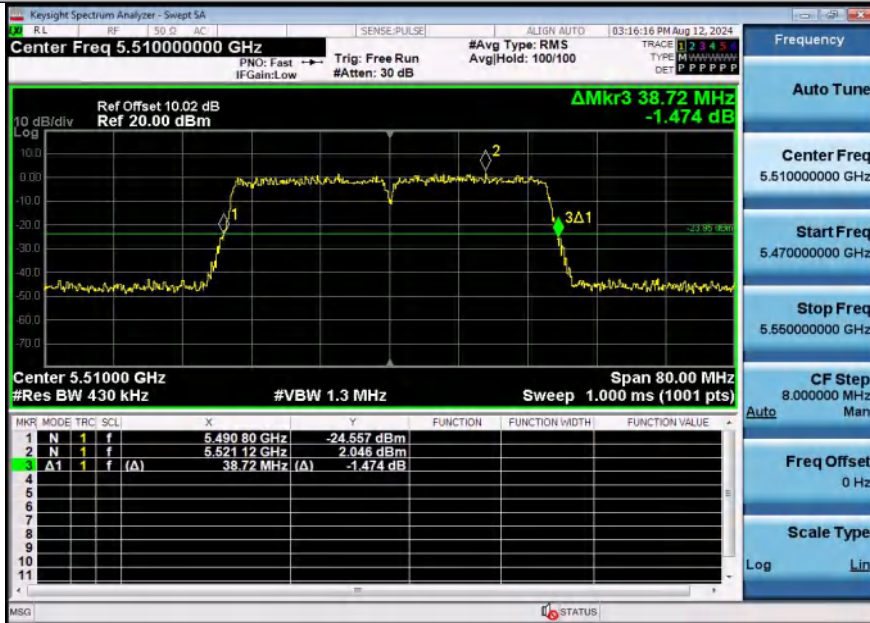
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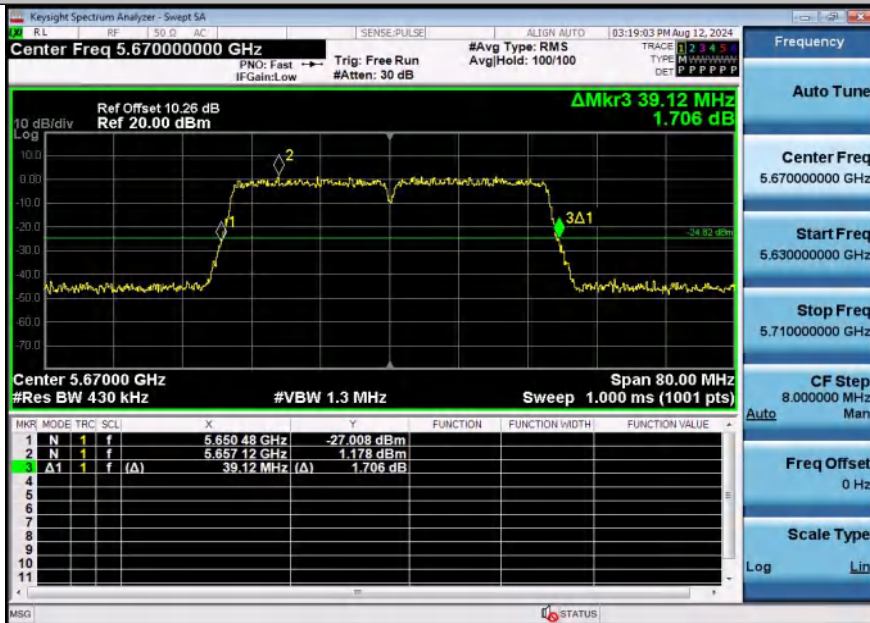
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11AC40SISO-Ant1-5550



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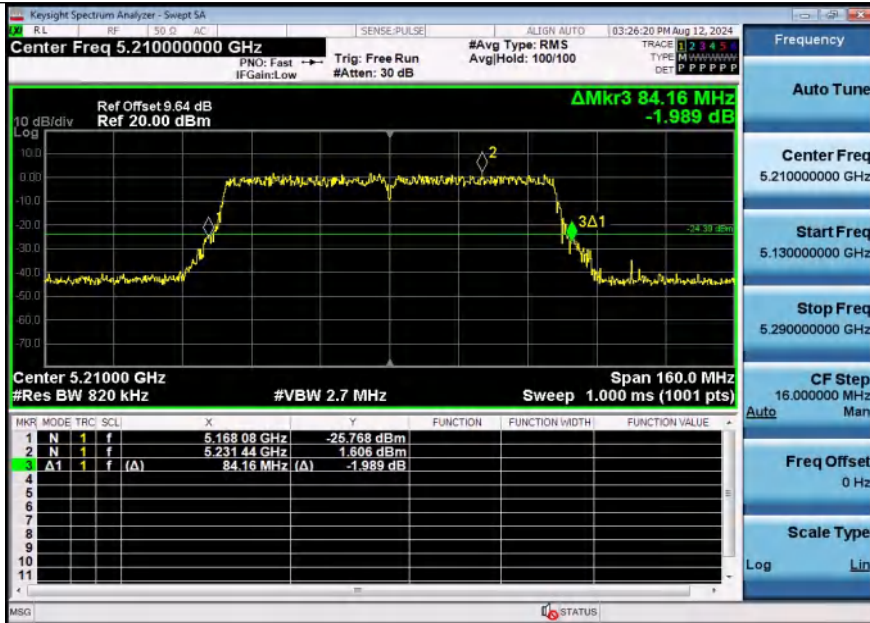


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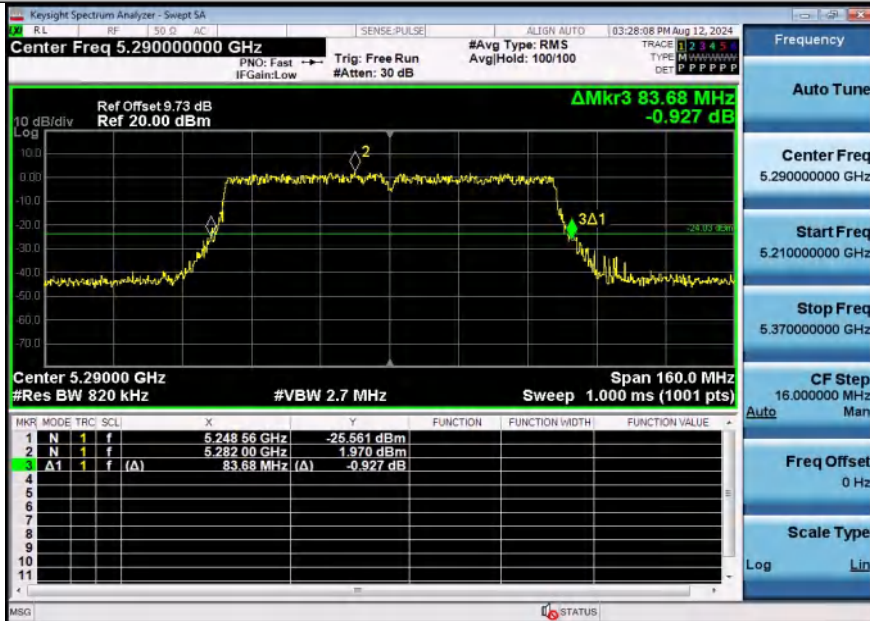


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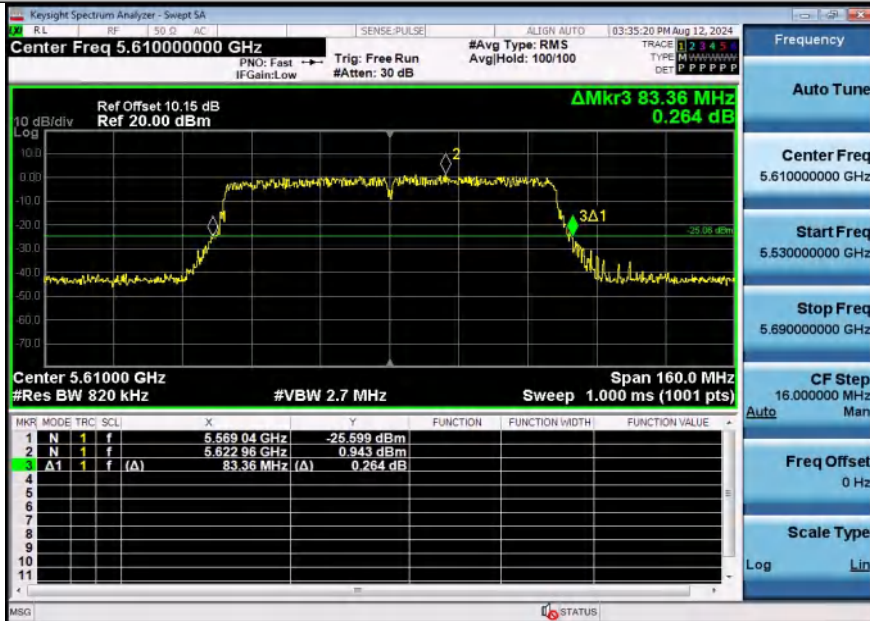
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11AC80SISO-Ant1-5290



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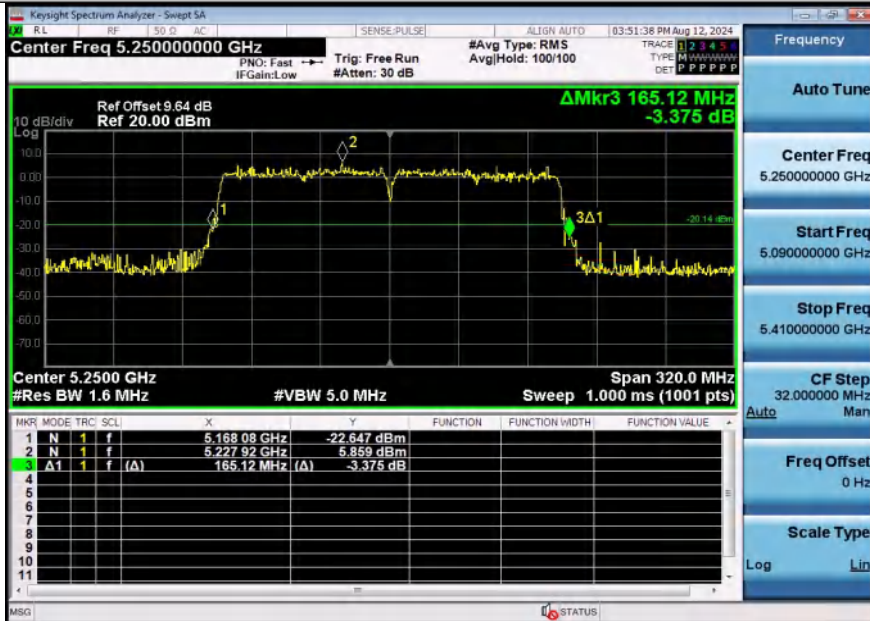


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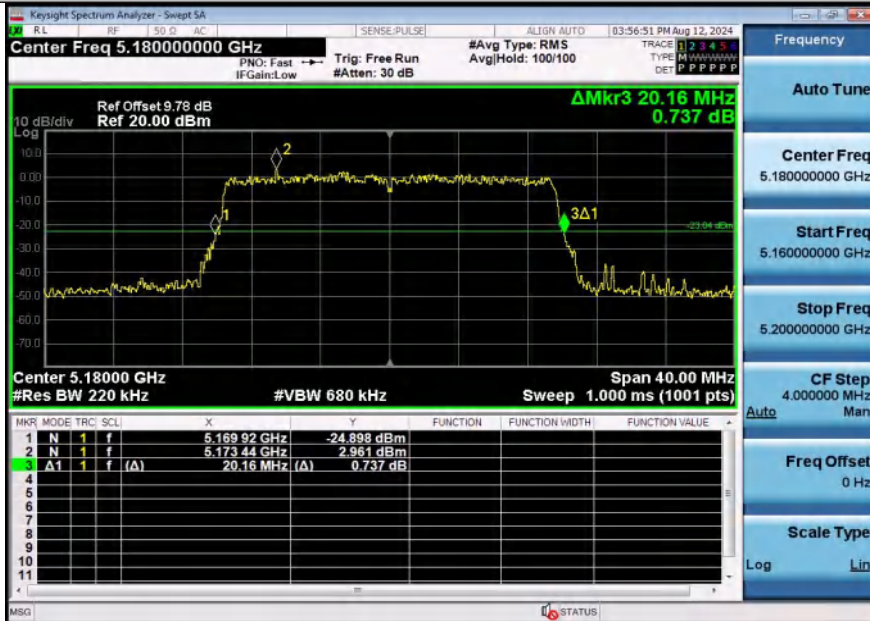
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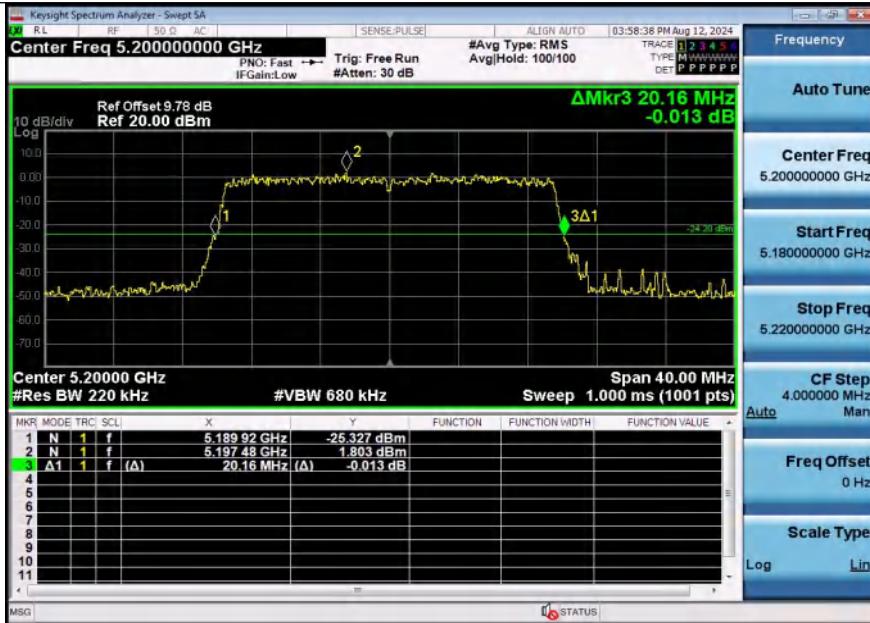
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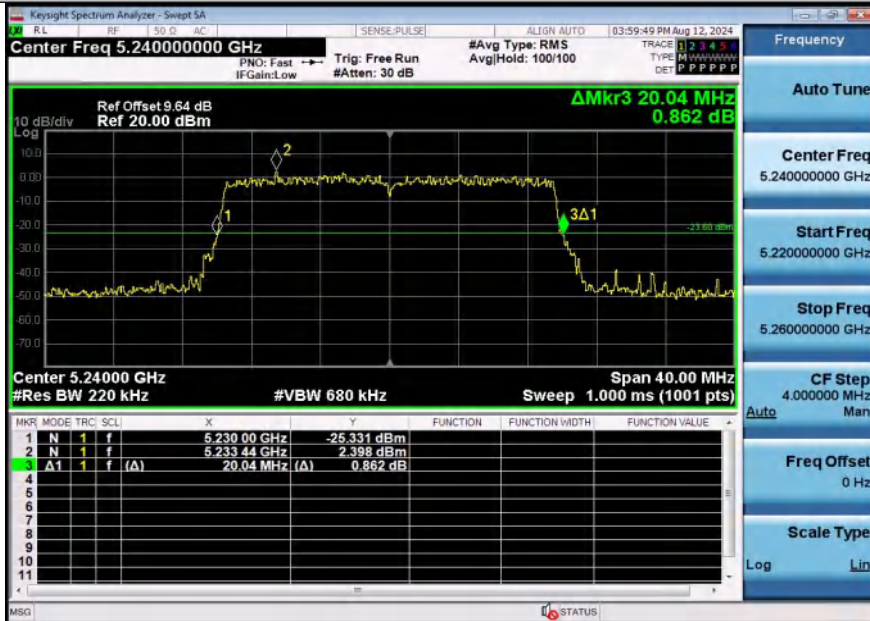
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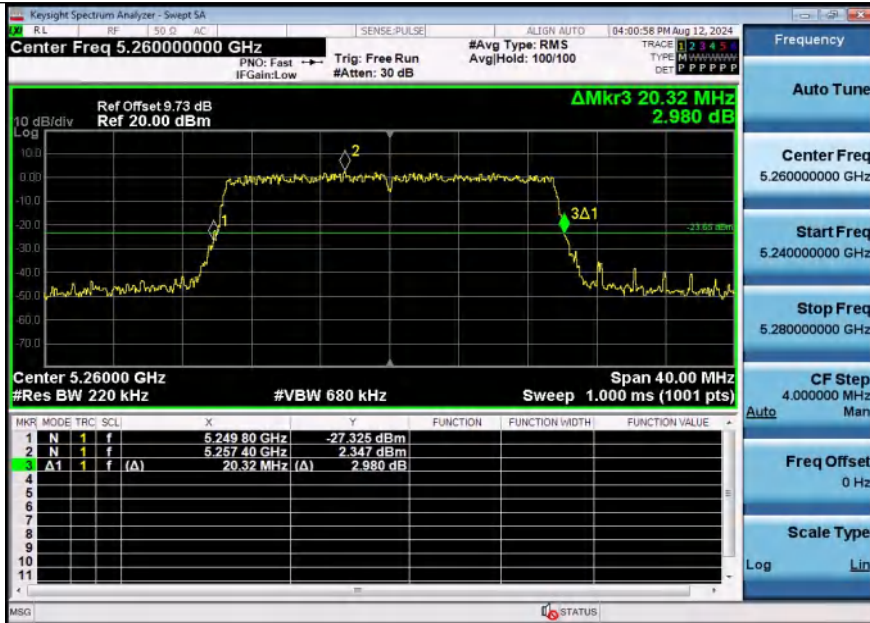
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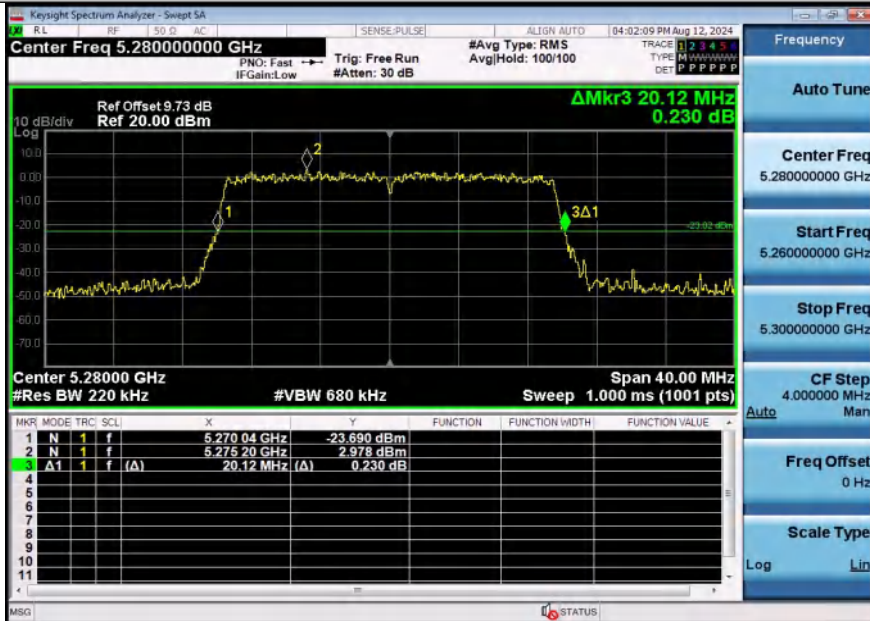
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11AX20SISO-Ant1-5240



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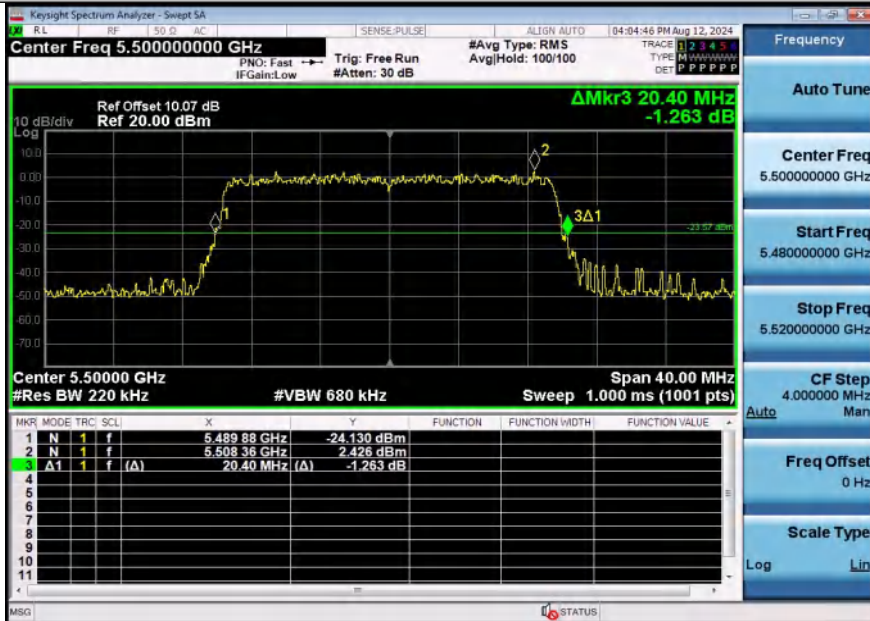


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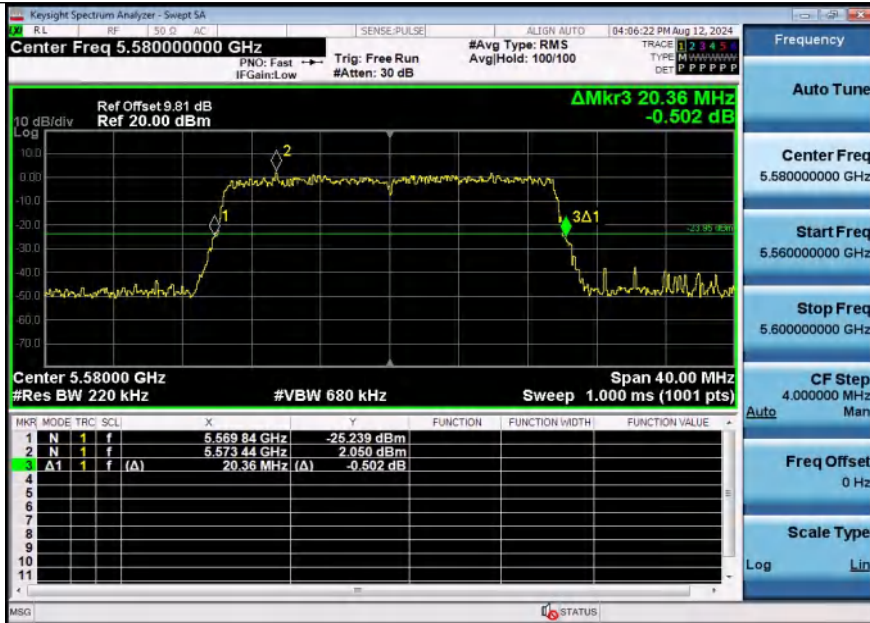


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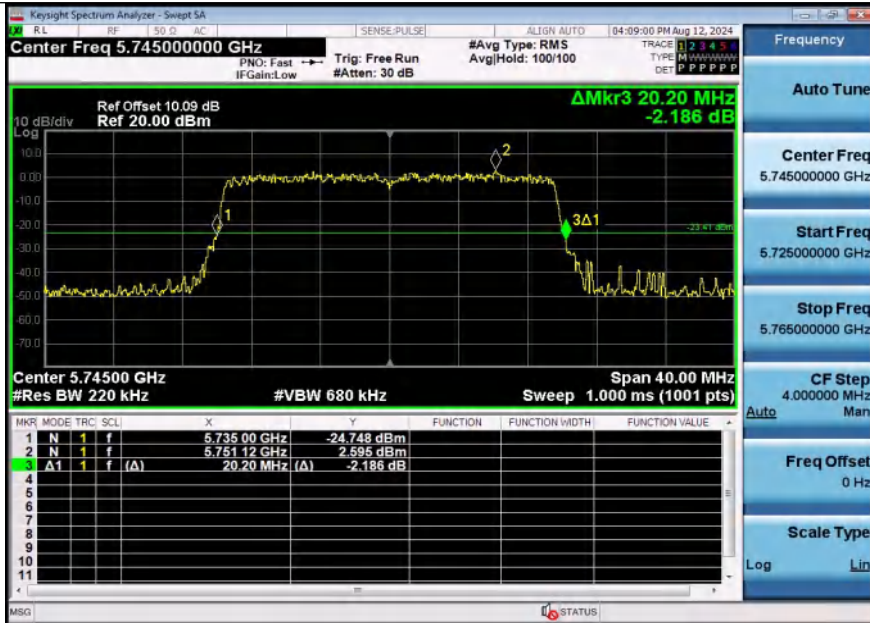




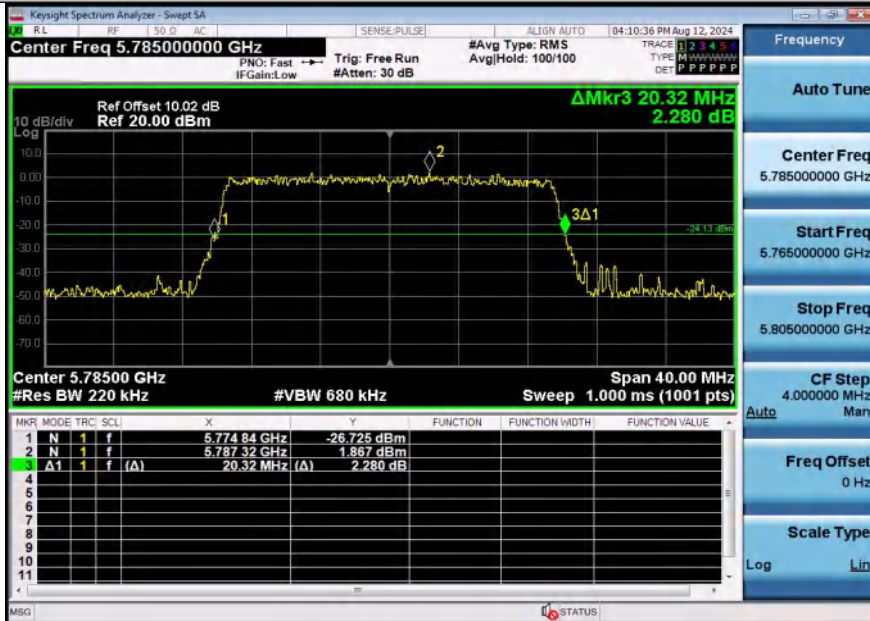
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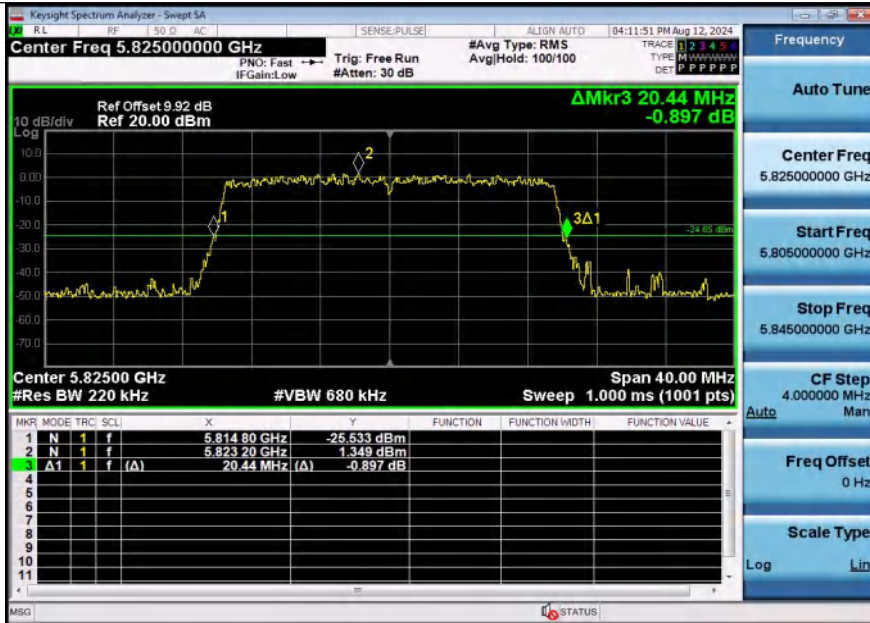
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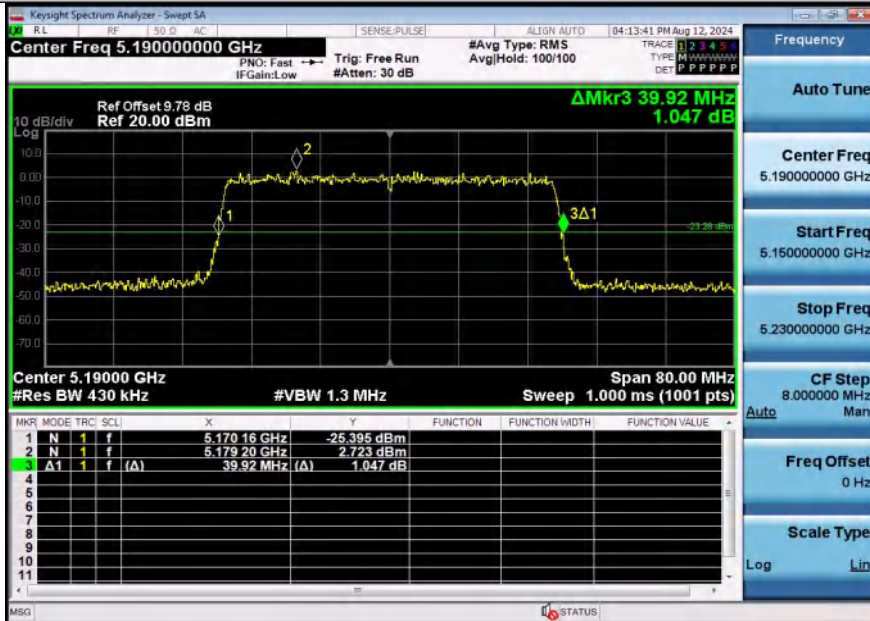
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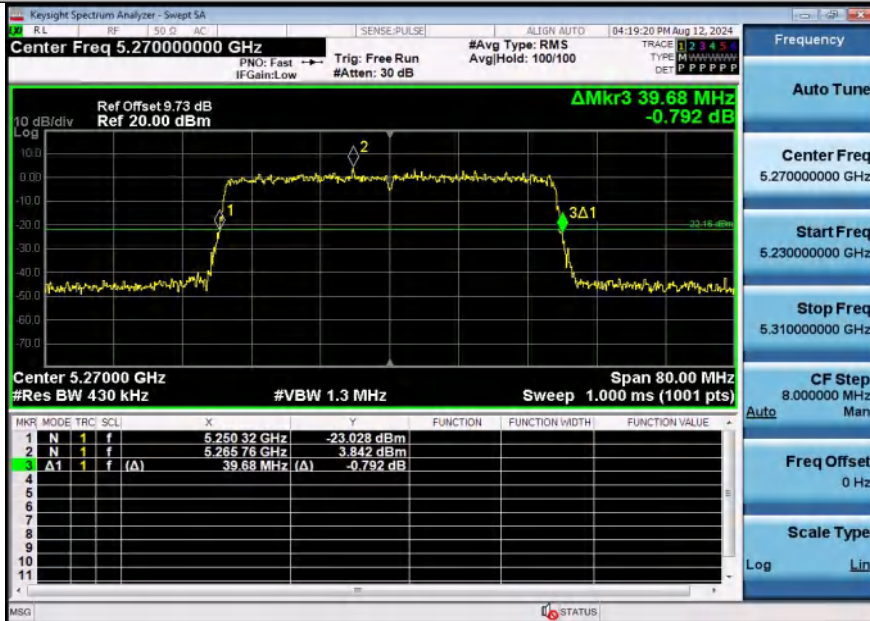
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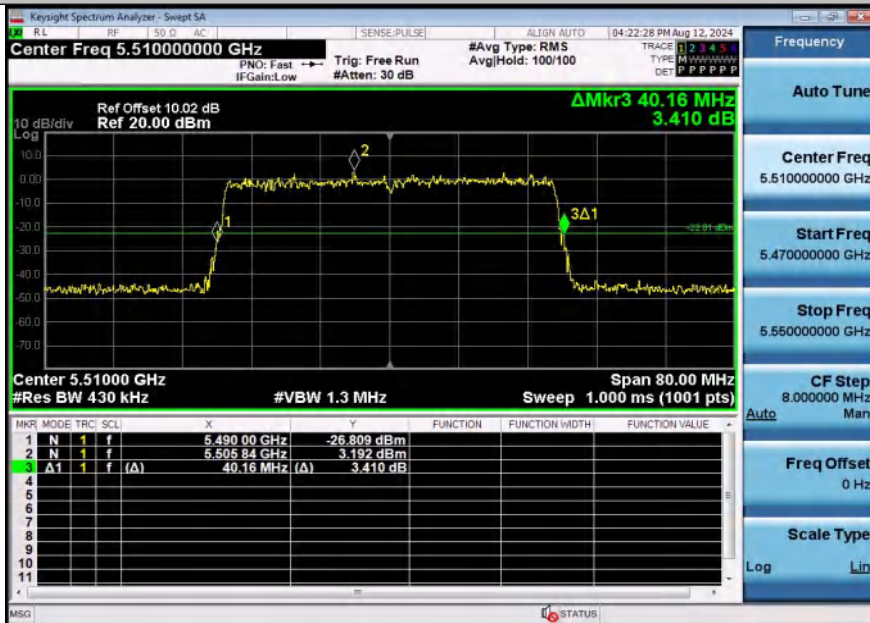


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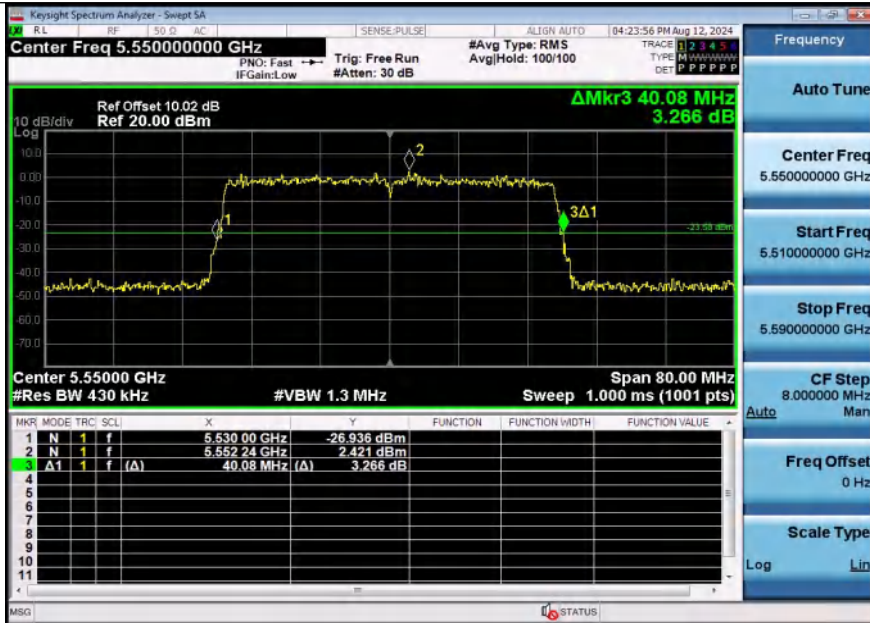


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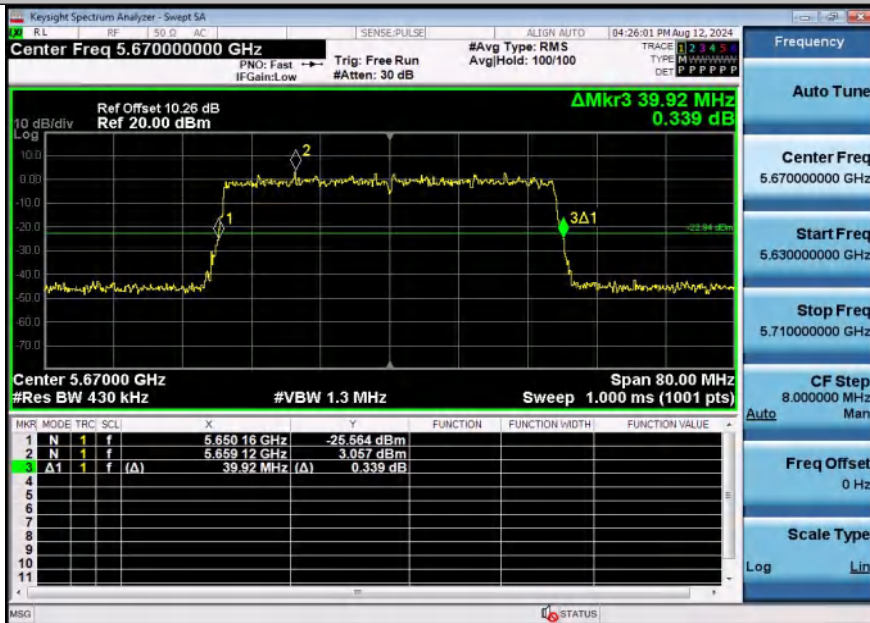


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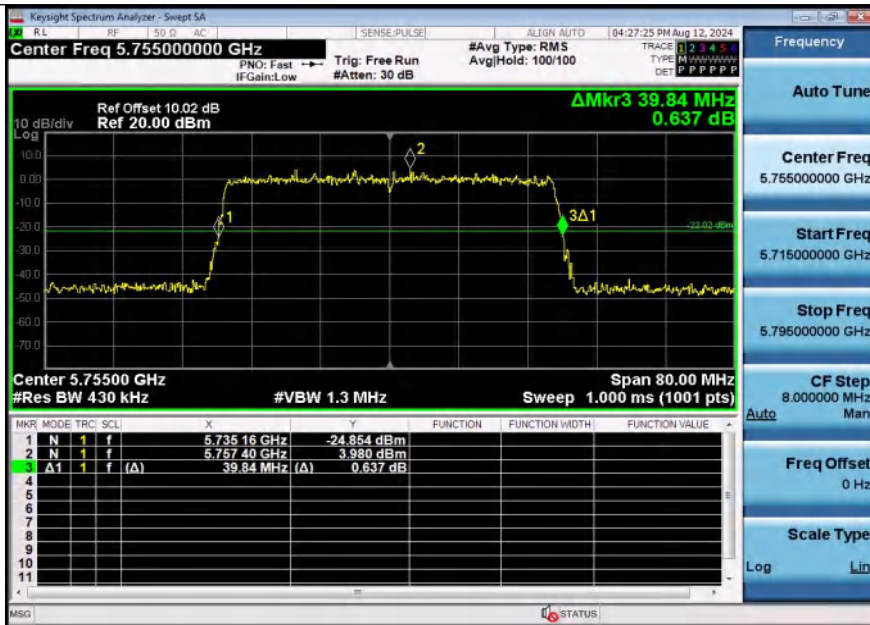




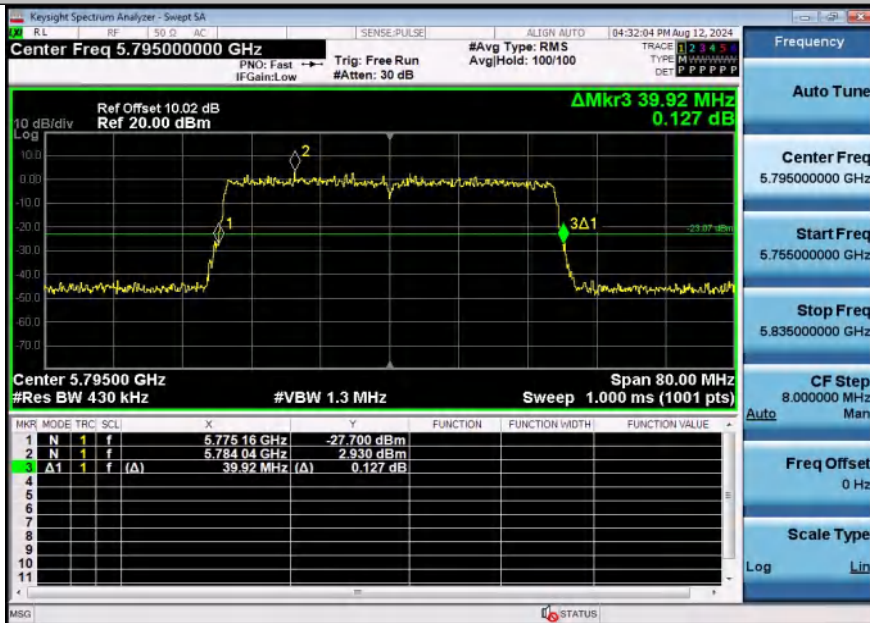
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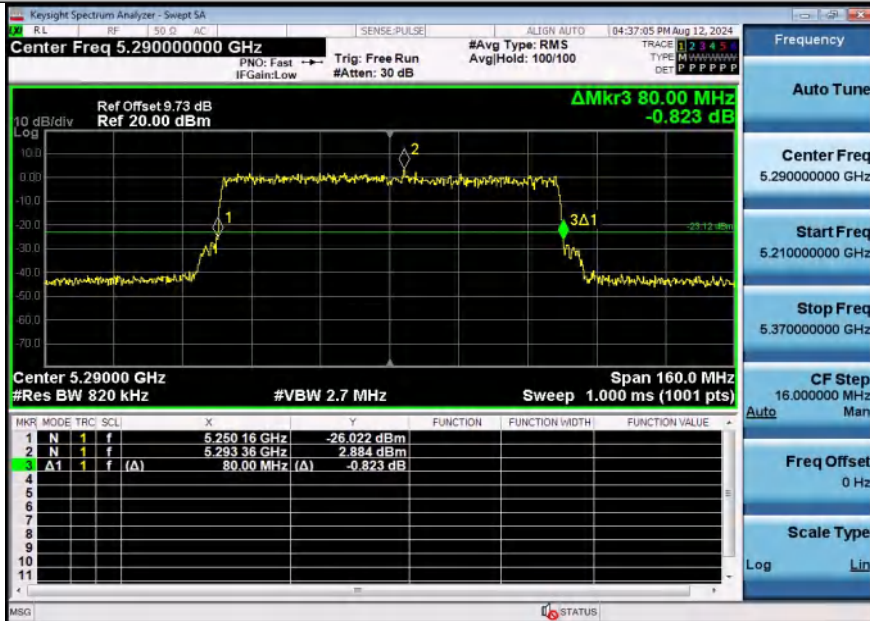
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11AX40SISO-Ant1-5795



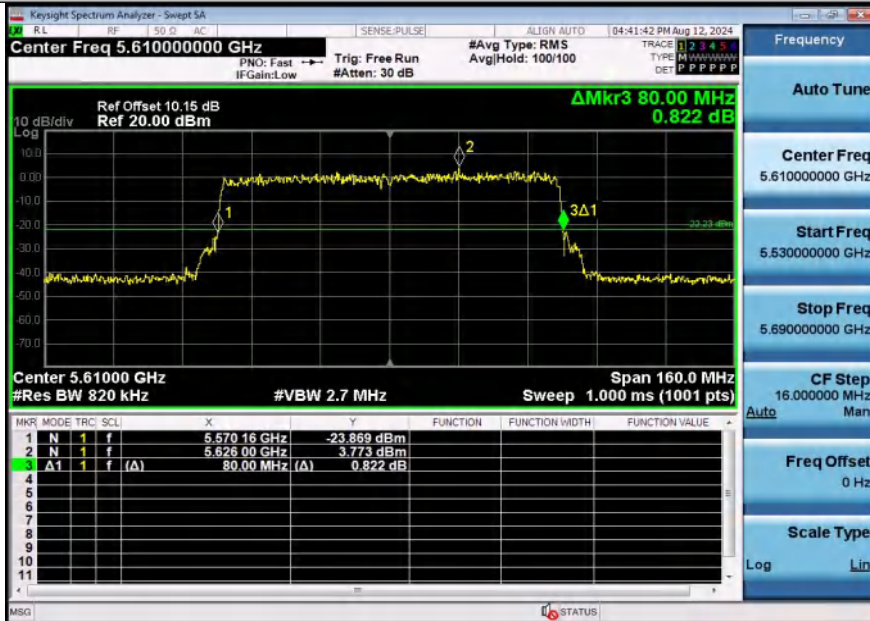
11AX80SISO-Ant1-5210



11AX80SISO-Ant1-5290

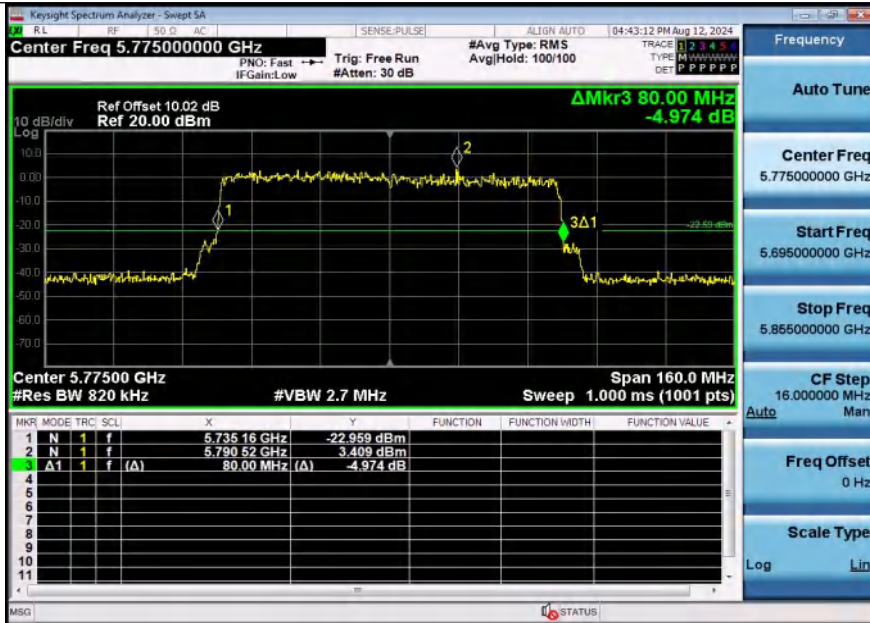


11AX80SISO-Ant1-5530

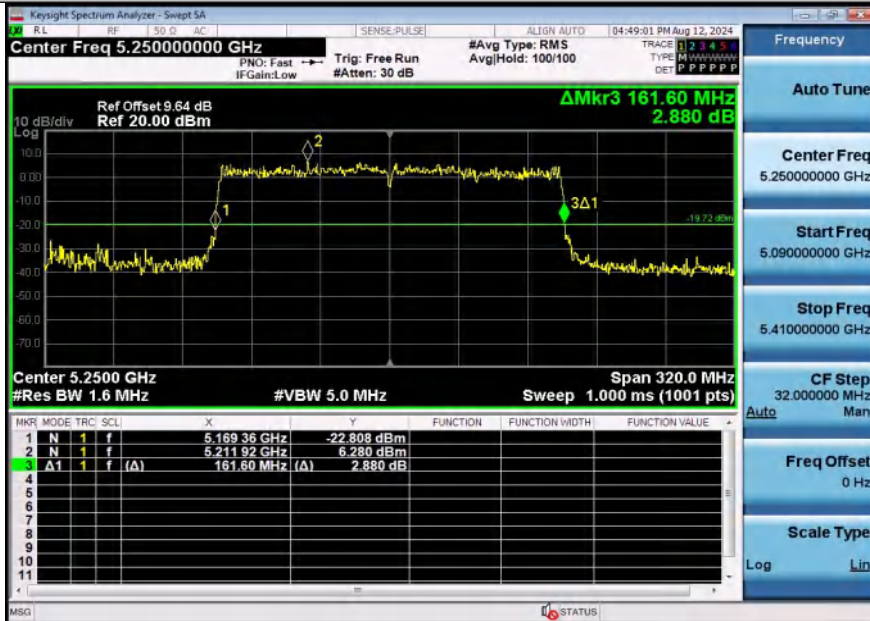


11AX80SISO-Ant1-5610





11AX80SISO-Ant1-5775



11AX160SISO-Ant1-5250



## Ant 2

Test Mode	Antenna	Frequency[MHz]	26db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant2	5180	18.400	5170.800	5189.200	---	---
11A	Ant2	5200	18.480	5190.720	5209.200	---	---
11A	Ant2	5240	18.520	5230.800	5249.320	---	---
11A	Ant2	5260	18.480	5250.840	5269.320	---	---
11A	Ant2	5280	18.400	5270.840	5289.240	---	---
11A	Ant2	5320	18.560	5310.840	5329.400	---	---
11A	Ant2	5500	18.320	5490.760	5509.080	---	---
11A	Ant2	5580	18.560	5570.720	5589.280	---	---
11A	Ant2	5700	18.480	5690.720	5709.200	---	---
11A	Ant2	5745	18.560	5735.760	5754.320	---	---
11A	Ant2	5785	18.560	5775.680	5794.240	---	---
11A	Ant2	5825	18.320	5815.800	5834.120	---	---
11N20SISO	Ant2	5180	19.520	5170.240	5189.760	---	---
11N20SISO	Ant2	5200	19.360	5190.400	5209.760	---	---
11N20SISO	Ant2	5240	19.320	5230.280	5249.600	---	---
11N20SISO	Ant2	5260	19.440	5250.240	5269.680	---	---
11N20SISO	Ant2	5280	19.400	5270.280	5289.680	---	---
11N20SISO	Ant2	5320	19.440	5310.280	5329.720	---	---
11N20SISO	Ant2	5500	19.320	5490.360	5509.680	---	---
11N20SISO	Ant2	5580	19.440	5570.320	5589.760	---	---
11N20SISO	Ant2	5700	19.280	5690.400	5709.680	---	---
11N20SISO	Ant2	5745	19.440	5735.280	5754.720	---	---
11N20SISO	Ant2	5785	19.400	5775.320	5794.720	---	---
11N20SISO	Ant2	5825	19.360	5815.280	5834.640	---	---
11N40SISO	Ant2	5190	38.960	5170.640	5209.600	---	---
11N40SISO	Ant2	5230	39.040	5210.320	5249.360	---	---
11N40SISO	Ant2	5270	38.960	5250.560	5289.520	---	---
11N40SISO	Ant2	5310	38.720	5290.720	5329.440	---	---
11N40SISO	Ant2	5510	39.040	5490.560	5529.600	---	---
11N40SISO	Ant2	5550	38.640	5530.640	5569.280	---	---
11N40SISO	Ant2	5670	38.480	5650.800	5689.280	---	---
11N40SISO	Ant2	5755	38.960	5735.640	5774.600	---	---
11N40SISO	Ant2	5795	39.120	5775.480	5814.600	---	---
11AC20SISO	Ant2	5180	19.280	5170.400	5189.680	---	---
11AC20SISO	Ant2	5200	19.400	5190.280	5209.680	---	---
11AC20SISO	Ant2	5240	19.240	5230.400	5249.640	---	---
11AC20SISO	Ant2	5260	19.280	5250.400	5269.680	---	---

11AC20SISO	Ant2	5280	19.480	5270.320	5289.800	---	---
11AC20SISO	Ant2	5320	19.360	5310.360	5329.720	---	---
11AC20SISO	Ant2	5500	19.560	5490.160	5509.720	---	---
11AC20SISO	Ant2	5580	19.440	5570.320	5589.760	---	---
11AC20SISO	Ant2	5700	19.440	5690.360	5709.800	---	---
11AC20SISO	Ant2	5745	19.320	5735.400	5754.720	---	---
11AC20SISO	Ant2	5785	19.400	5775.240	5794.640	---	---
11AC20SISO	Ant2	5825	19.360	5815.360	5834.720	---	---
11AC40SISO	Ant2	5190	38.800	5170.640	5209.440	---	---
11AC40SISO	Ant2	5230	38.320	5210.800	5249.120	---	---
11AC40SISO	Ant2	5270	38.800	5250.640	5289.440	---	---
11AC40SISO	Ant2	5310	38.720	5290.720	5329.440	---	---
11AC40SISO	Ant2	5510	38.480	5490.880	5529.360	---	---
11AC40SISO	Ant2	5550	38.640	5530.800	5569.440	---	---
11AC40SISO	Ant2	5670	38.800	5650.560	5689.360	---	---
11AC40SISO	Ant2	5755	38.800	5735.720	5774.520	---	---
11AC40SISO	Ant2	5795	38.880	5775.640	5814.520	---	---
11AC80SISO	Ant2	5210	83.840	5168.560	5252.400	---	---
11AC80SISO	Ant2	5290	84.480	5248.080	5332.560	---	---
11AC80SISO	Ant2	5530	83.680	5487.920	5571.600	---	---
11AC80SISO	Ant2	5610	83.680	5568.080	5651.760	---	---
11AC80SISO	Ant2	5775	83.360	5733.880	5817.240	---	---
11AC160SISO	Ant2	5250	165.440	5167.440	5332.880	---	---
11AC160SISO	Ant2	5250_UNII-1	82.56	5167.440	5250	---	---
11AC160SISO	Ant2	5250_UNII-2A	82.88	5250	5332.880	---	---
11AC160SISO	Ant2	5570	167.040	5486.160	5653.200	---	---
11AX20SISO	Ant2	5180	20.160	5169.880	5190.040	---	---
11AX20SISO	Ant2	5200	20.400	5189.800	5210.200	---	---
11AX20SISO	Ant2	5240	20.000	5229.960	5249.960	---	---
11AX20SISO	Ant2	5260	20.280	5249.920	5270.200	---	---
11AX20SISO	Ant2	5280	20.120	5269.880	5290.000	---	---
11AX20SISO	Ant2	5320	20.080	5310.000	5330.080	---	---
11AX20SISO	Ant2	5500	20.240	5489.840	5510.080	---	---
11AX20SISO	Ant2	5580	20.080	5569.920	5590.000	---	---
11AX20SISO	Ant2	5700	20.120	5689.960	5710.080	---	---
11AX20SISO	Ant2	5745	20.320	5734.880	5755.200	---	---
11AX20SISO	Ant2	5785	20.080	5774.920	5795.000	---	---
11AX20SISO	Ant2	5825	20.320	5814.880	5835.200	---	---
11AX40SISO	Ant2	5190	39.760	5170.400	5210.160	---	---
11AX40SISO	Ant2	5230	39.760	5210.240	5250.000	---	---
11AX40SISO	Ant2	5270	39.600	5250.400	5290.000	---	---
11AX40SISO	Ant2	5310	39.600	5290.240	5329.840	---	---
11AX40SISO	Ant2	5510	40.000	5490.080	5530.080	---	---