



Appendix

FCC U-NII BANDS Test Results

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Appendix A1: Emission Bandwidth

Test Result

TestMode	Antenna	Channel	26db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5180	18.320	5170.840	5189.160	---	PASS
	Ant2	5180	18.480	5170.840	5189.320	---	PASS
	Ant1	5220	19.560	5210.160	5229.720	---	PASS
	Ant2	5220	18.520	5210.760	5229.280	---	PASS
	Ant1	5240	18.400	5230.840	5249.240	---	PASS
	Ant2	5240	18.360	5230.880	5249.240	---	PASS
	Ant1	5260	18.360	5250.800	5269.160	---	PASS
	Ant2	5260	18.360	5250.880	5269.240	---	PASS
	Ant1	5300	18.320	5290.800	5309.120	---	PASS
	Ant2	5300	18.520	5290.680	5309.200	---	PASS
	Ant1	5320	18.480	5310.840	5329.320	---	PASS
	Ant2	5320	18.480	5310.800	5329.280	---	PASS
	Ant1	5500	18.520	5490.720	5509.240	---	PASS
	Ant2	5500	18.480	5490.800	5509.280	---	PASS
	Ant1	5580	18.280	5570.840	5589.120	---	PASS
	Ant2	5580	18.360	5570.880	5589.240	---	PASS
	Ant1	5700	18.360	5690.880	5709.240	---	PASS
	Ant2	5700	18.400	5690.760	5709.160	---	PASS
	Ant1	5745	18.360	5735.880	5754.240	---	PASS
	Ant2	5745	18.480	5735.760	5754.240	---	PASS
	Ant1	5785	18.480	5775.840	5794.320	---	PASS
	Ant2	5785	18.440	5775.800	5794.240	---	PASS
	Ant1	5825	18.440	5815.800	5834.240	---	PASS
	Ant2	5825	18.440	5815.840	5834.280	---	PASS
11N20SISO	Ant1	5180	19.440	5170.320	5189.760	---	PASS
	Ant2	5180	19.280	5170.440	5189.720	---	PASS
	Ant1	5220	19.360	5210.400	5229.760	---	PASS
	Ant2	5220	19.280	5210.360	5229.640	---	PASS
	Ant1	5240	19.480	5230.240	5249.720	---	PASS
	Ant2	5240	19.480	5230.320	5249.800	---	PASS
	Ant1	5260	19.320	5250.400	5269.720	---	PASS
	Ant2	5260	19.440	5250.320	5269.760	---	PASS

	Ant1	5300	19.400	5290.320	5309.720	---	PASS
	Ant2	5300	19.520	5290.160	5309.680	---	PASS
	Ant1	5320	19.440	5310.240	5329.680	---	PASS
	Ant2	5320	19.360	5310.320	5329.680	---	PASS
	Ant1	5500	19.400	5490.280	5509.680	---	PASS
	Ant2	5500	19.440	5490.400	5509.840	---	PASS
	Ant1	5580	19.440	5570.320	5589.760	---	PASS
	Ant2	5580	19.320	5570.440	5589.760	---	PASS
	Ant1	5700	19.320	5690.320	5709.640	---	PASS
	Ant2	5700	19.160	5690.360	5709.520	---	PASS
	Ant1	5745	19.400	5735.320	5754.720	---	PASS
	Ant2	5745	19.480	5735.400	5754.880	---	PASS
	Ant1	5785	19.240	5775.400	5794.640	---	PASS
	Ant2	5785	19.160	5775.360	5794.520	---	PASS
	Ant1	5825	19.280	5815.320	5834.600	---	PASS
	Ant2	5825	19.280	5815.320	5834.600	---	PASS
11N40SISO	Ant1	5190	41.040	5169.680	5210.720	---	PASS
	Ant2	5190	40.640	5169.200	5209.840	---	PASS
	Ant1	5230	41.760	5209.200	5250.960	---	PASS
	Ant2	5230	40.720	5210.080	5250.800	---	PASS
	Ant1	5270	40.960	5249.520	5290.480	---	PASS
	Ant2	5270	41.040	5249.360	5290.400	---	PASS
	Ant1	5310	41.360	5289.520	5330.880	---	PASS
	Ant2	5310	41.280	5289.360	5330.640	---	PASS
	Ant1	5510	41.280	5489.360	5530.640	---	PASS
	Ant2	5510	40.400	5489.280	5529.680	---	PASS
	Ant1	5550	41.040	5529.920	5570.960	---	PASS
	Ant2	5550	41.760	5529.600	5571.360	---	PASS
	Ant1	5670	41.280	5649.440	5690.720	---	PASS
	Ant2	5670	40.720	5650.240	5690.960	---	PASS
	Ant1	5755	41.680	5734.200	5775.880	---	PASS
	Ant2	5755	41.040	5735.000	5776.040	---	PASS
	Ant1	5795	40.880	5774.600	5815.480	---	PASS
	Ant2	5795	40.560	5774.360	5814.920	---	PASS
11AC20SISO	Ant1	5180	19.480	5170.320	5189.800	---	PASS
	Ant2	5180	19.480	5170.200	5189.680	---	PASS
	Ant1	5220	19.440	5210.280	5229.720	---	PASS
	Ant2	5220	19.360	5210.400	5229.760	---	PASS

	Ant1	5240	19.520	5230.280	5249.800	---	PASS
	Ant2	5240	19.320	5230.440	5249.760	---	PASS
	Ant1	5260	19.480	5250.280	5269.760	---	PASS
	Ant2	5260	19.440	5250.320	5269.760	---	PASS
	Ant1	5300	19.280	5290.400	5309.680	---	PASS
	Ant2	5300	19.400	5290.280	5309.680	---	PASS
	Ant1	5320	19.440	5310.320	5329.760	---	PASS
	Ant2	5320	19.480	5310.240	5329.720	---	PASS
	Ant1	5500	19.320	5490.360	5509.680	---	PASS
	Ant2	5500	19.320	5490.320	5509.640	---	PASS
	Ant1	5580	19.400	5570.320	5589.720	---	PASS
	Ant2	5580	19.440	5570.400	5589.840	---	PASS
	Ant1	5700	19.440	5690.280	5709.720	---	PASS
	Ant2	5700	19.320	5690.240	5709.560	---	PASS
	Ant1	5745	19.400	5735.360	5754.760	---	PASS
	Ant2	5745	19.480	5735.320	5754.800	---	PASS
	Ant1	5785	19.400	5775.320	5794.720	---	PASS
	Ant2	5785	19.320	5775.400	5794.720	---	PASS
	Ant1	5825	19.560	5815.240	5834.800	---	PASS
	Ant2	5825	19.400	5815.200	5834.600	---	PASS
11AC40SISO	Ant1	5190	40.240	5169.680	5209.920	---	PASS
	Ant2	5190	40.560	5169.200	5209.760	---	PASS
	Ant1	5230	40.160	5209.840	5250.000	---	PASS
	Ant2	5230	40.880	5209.840	5250.720	---	PASS
	Ant1	5270	40.800	5249.360	5290.160	---	PASS
	Ant2	5270	40.400	5249.760	5290.160	---	PASS
	Ant1	5310	40.480	5289.760	5330.240	---	PASS
	Ant2	5310	41.040	5289.120	5330.160	---	PASS
	Ant1	5510	40.640	5489.600	5530.240	---	PASS
	Ant2	5510	40.560	5489.440	5530.000	---	PASS
	Ant1	5550	40.560	5529.600	5570.160	---	PASS
	Ant2	5550	40.400	5530.000	5570.400	---	PASS
	Ant1	5670	40.720	5649.520	5690.240	---	PASS
	Ant2	5670	40.480	5650.000	5690.480	---	PASS
	Ant1	5755	40.480	5734.760	5775.240	---	PASS
	Ant2	5755	40.640	5734.680	5775.320	---	PASS
	Ant1	5795	40.800	5774.600	5815.400	---	PASS
	Ant2	5795	40.080	5774.920	5815.000	---	PASS

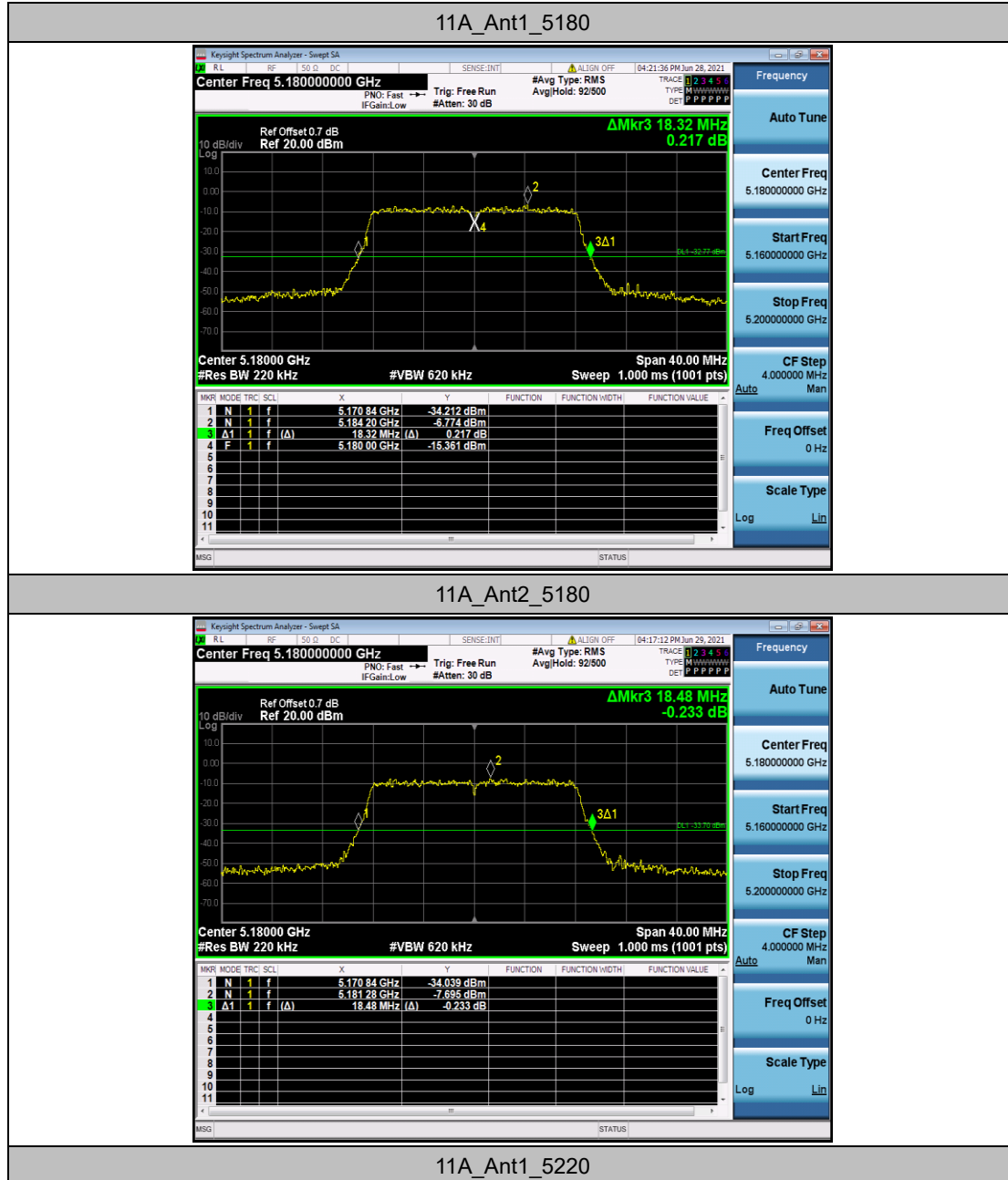


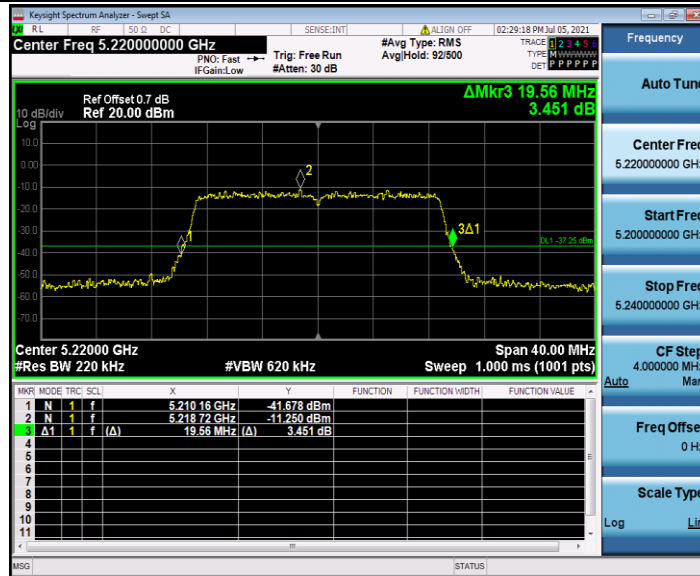
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Guangzhou Branch

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FCC ID: 2AWD4-ECHTES101

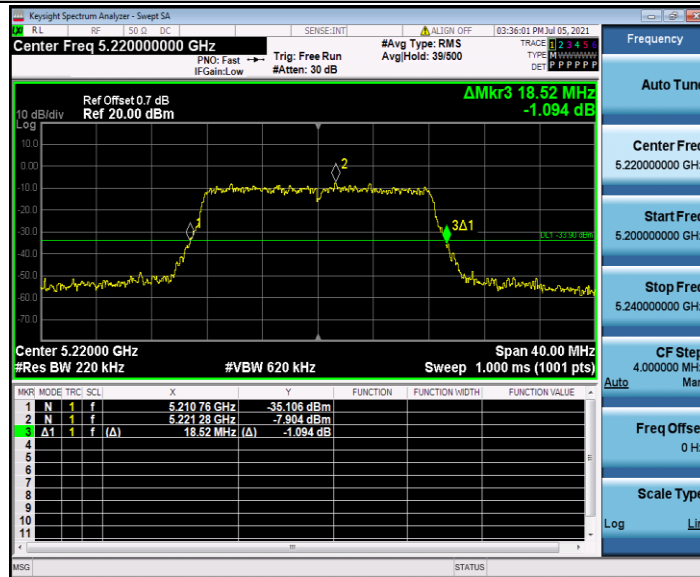
11AC80SISO	Ant1	5210	81.120	5169.680	5250.800	---	PASS
	Ant2	5210	81.120	5169.360	5250.480	---	PASS
	Ant1	5290	81.600	5249.360	5330.960	---	PASS
	Ant2	5290	79.840	5249.840	5329.680	---	PASS
	Ant1	5530	80.960	5489.680	5570.640	---	PASS
	Ant2	5530	82.080	5489.200	5571.280	---	PASS
	Ant1	5610	81.280	5569.840	5651.120	---	PASS
	Ant2	5610	80.160	5569.840	5650.000	---	PASS
	Ant1	5775	81.120	5734.520	5815.640	---	PASS
	Ant2	5775	80.000	5735.320	5815.320	---	PASS

Test Graphs

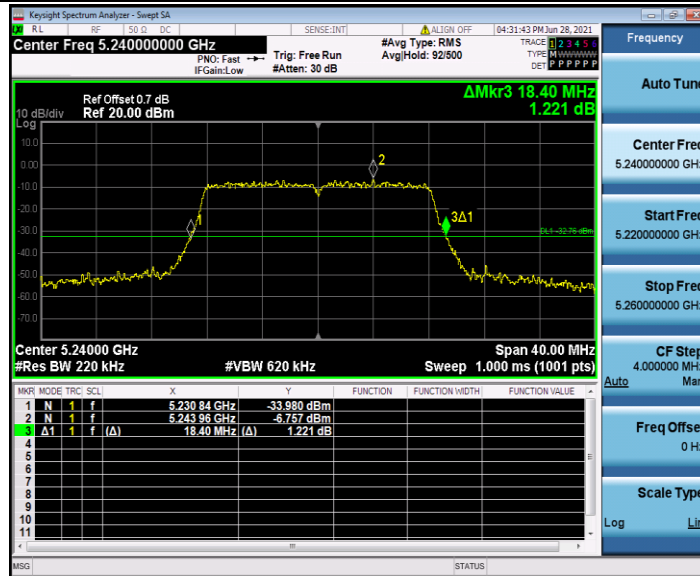




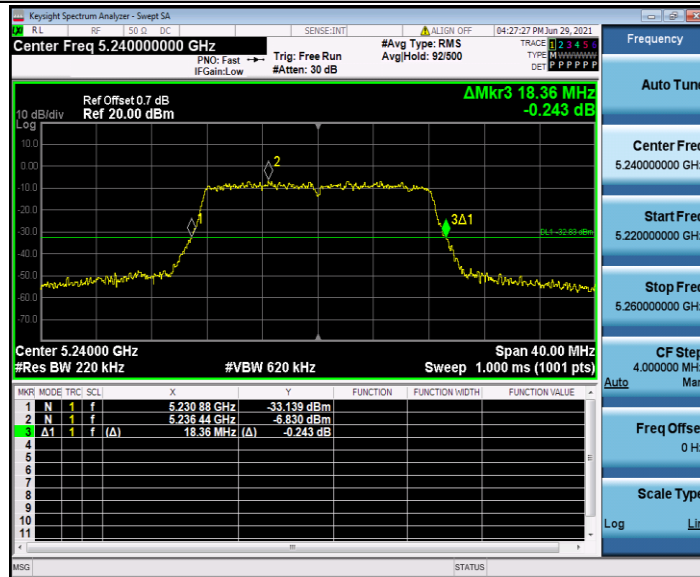
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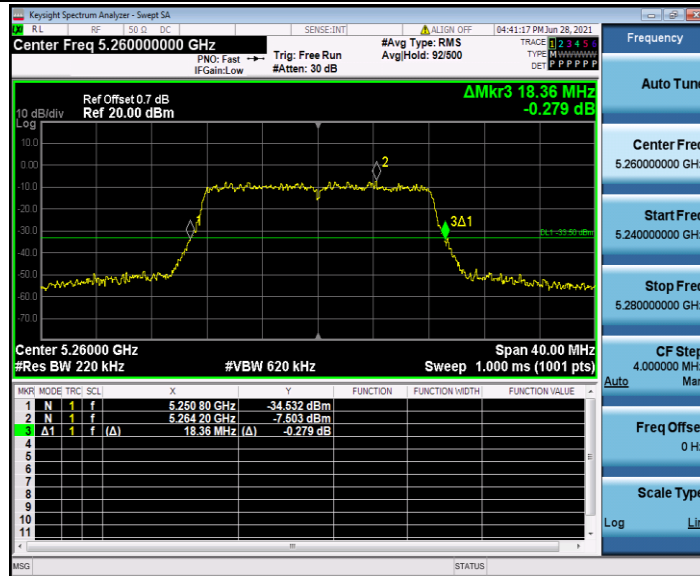
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11A_Ant2_5240



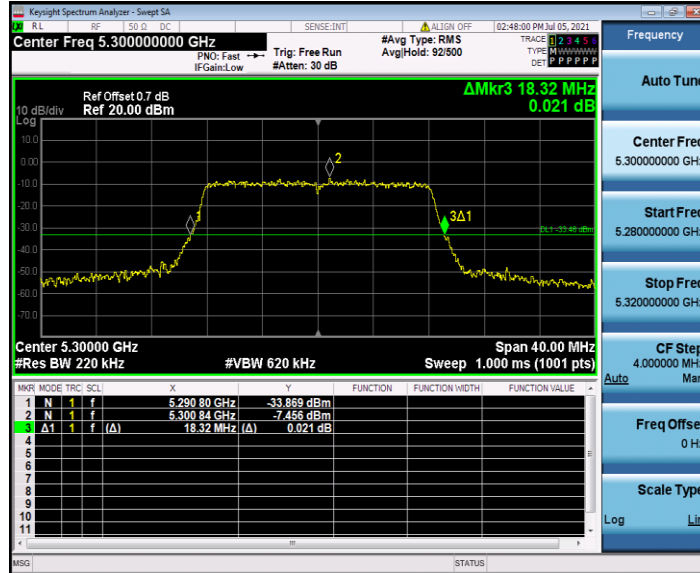
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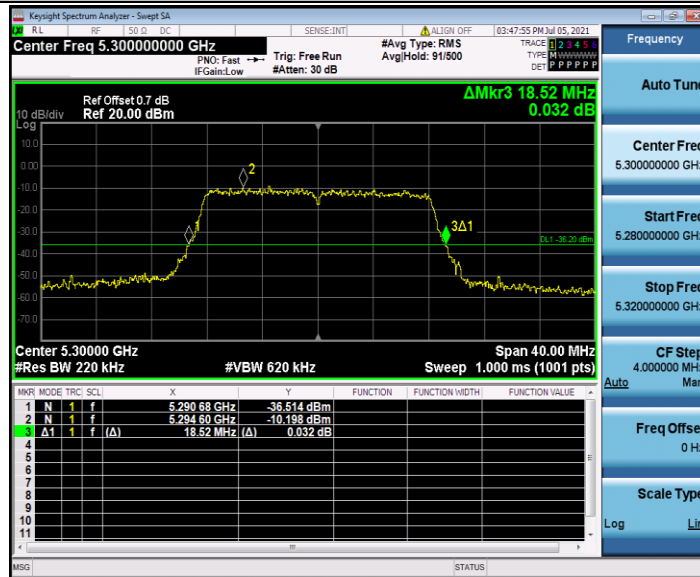
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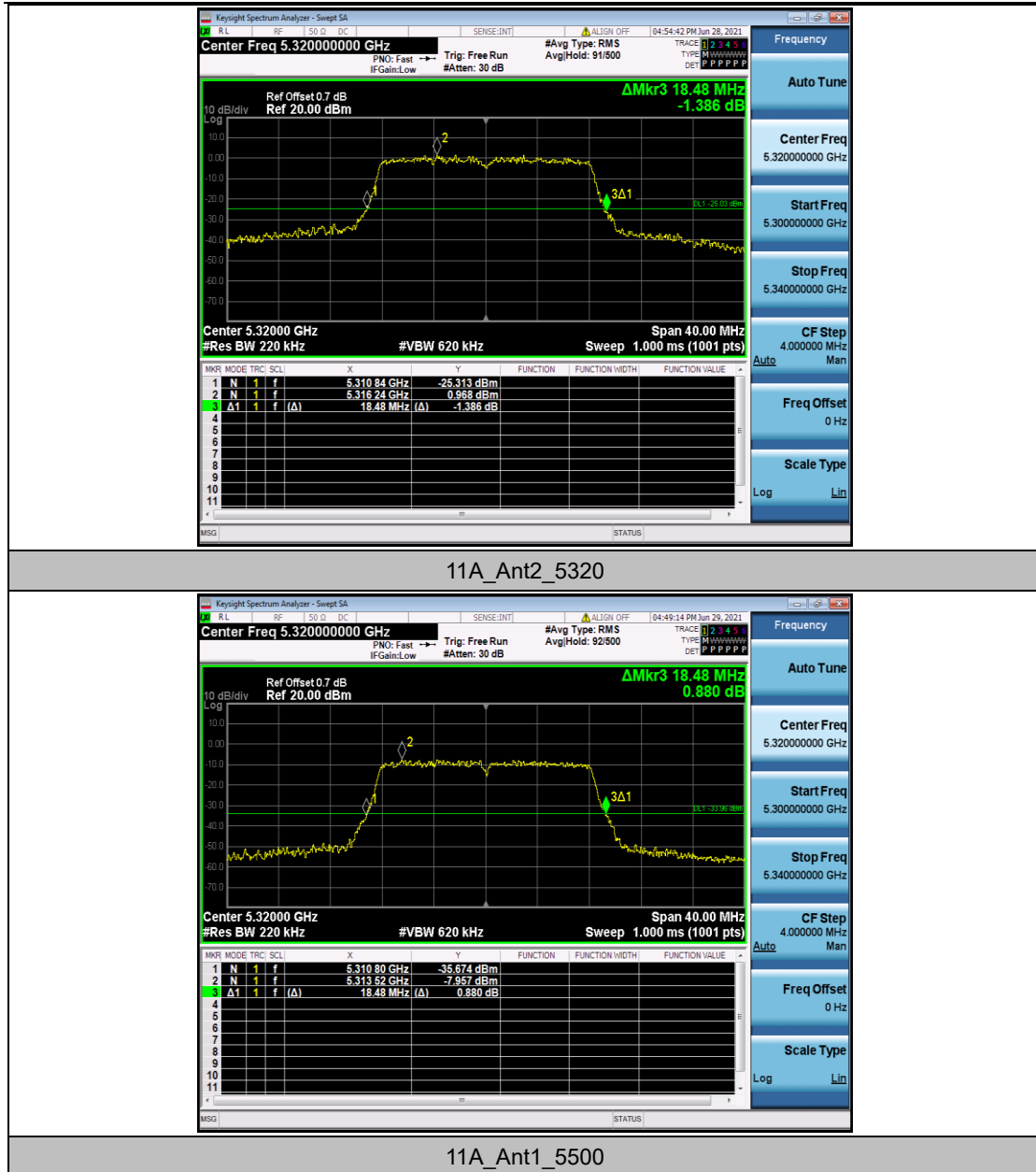
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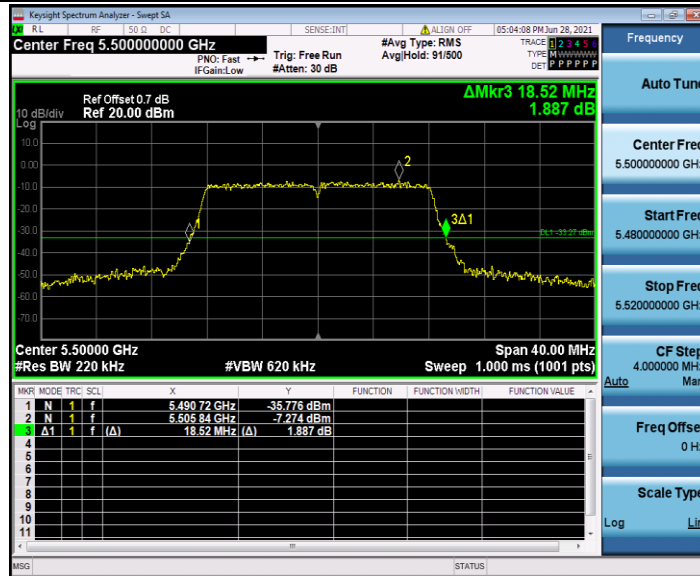


11A_Ant2_5300



11A_Ant1_5320

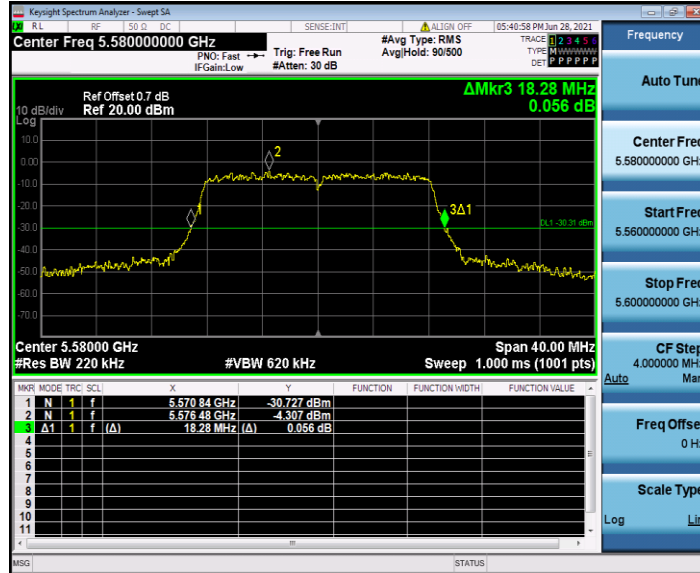




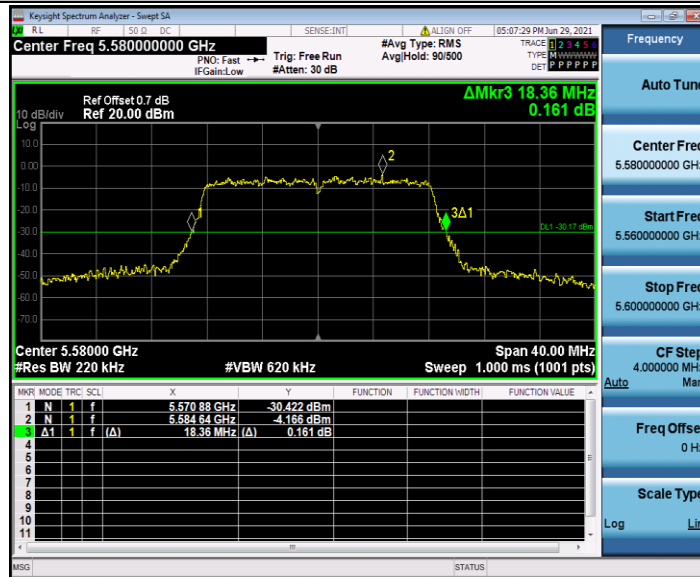
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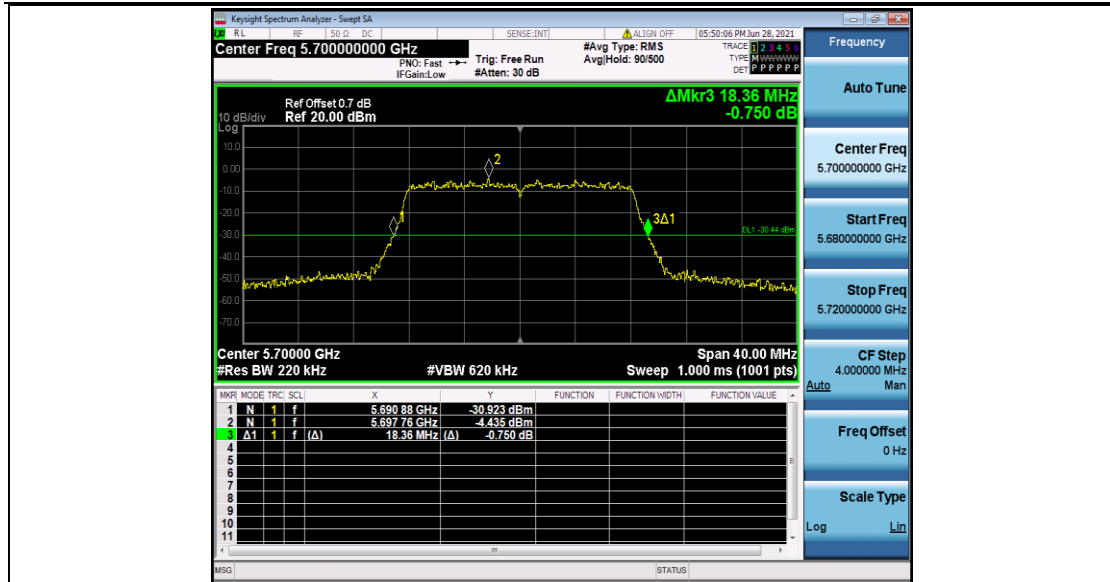
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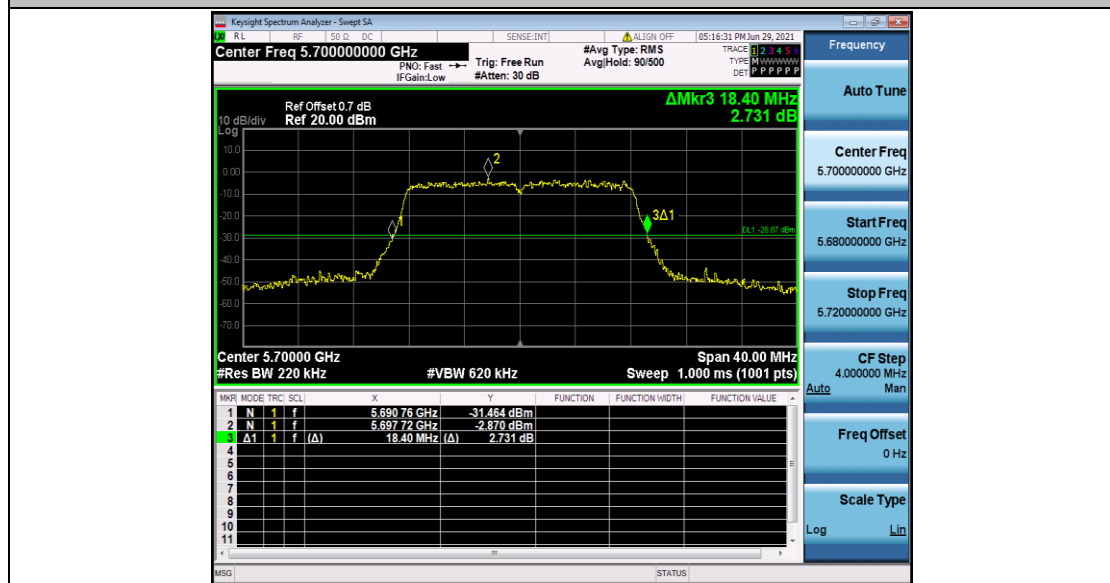
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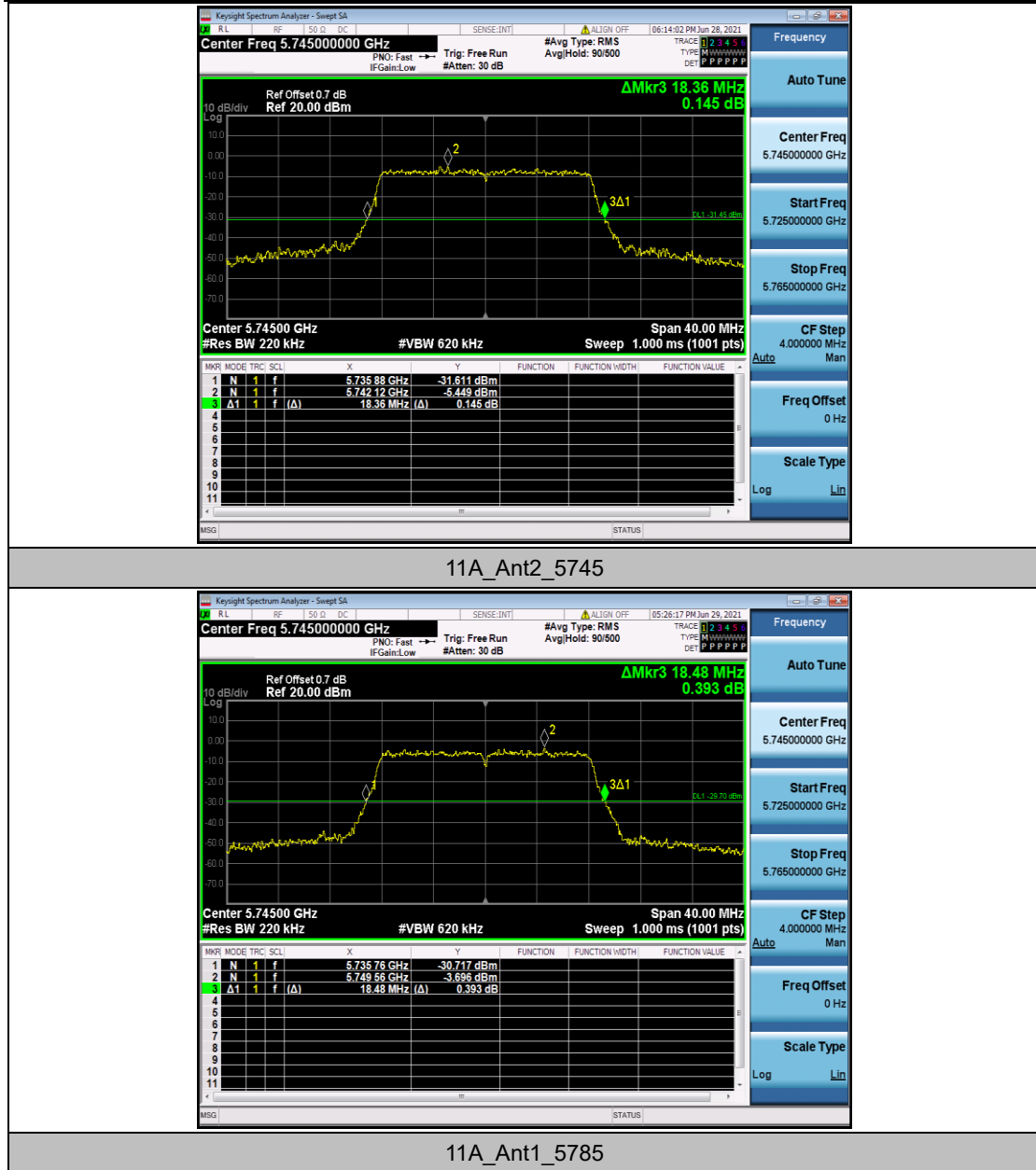
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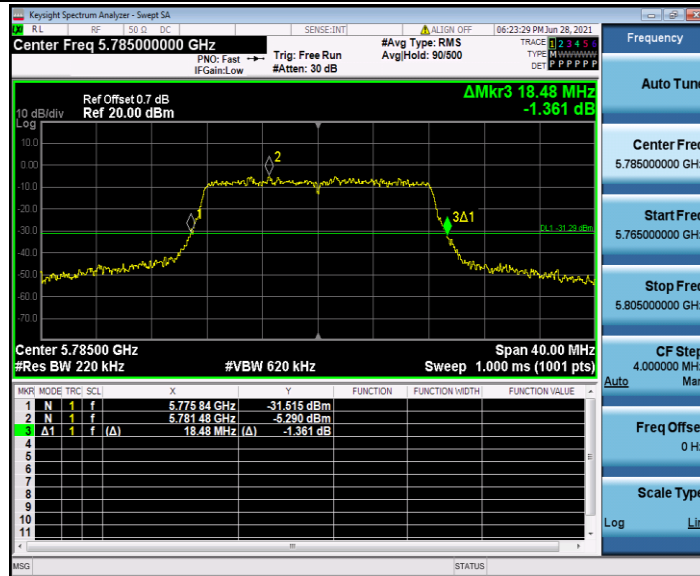


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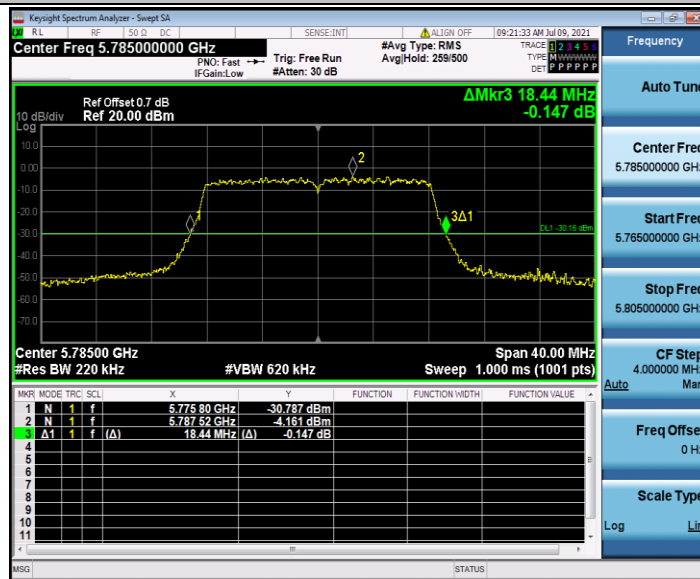


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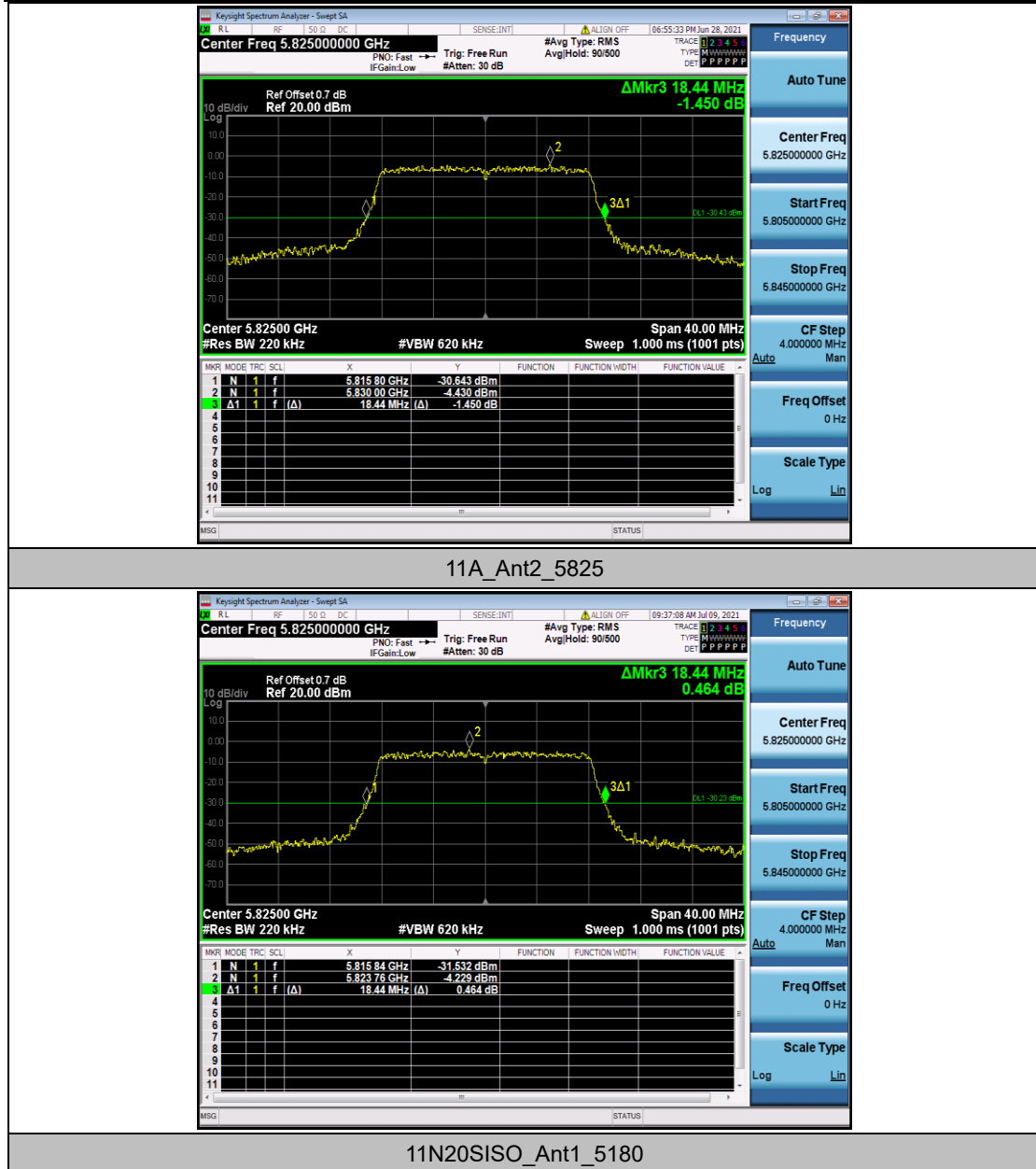


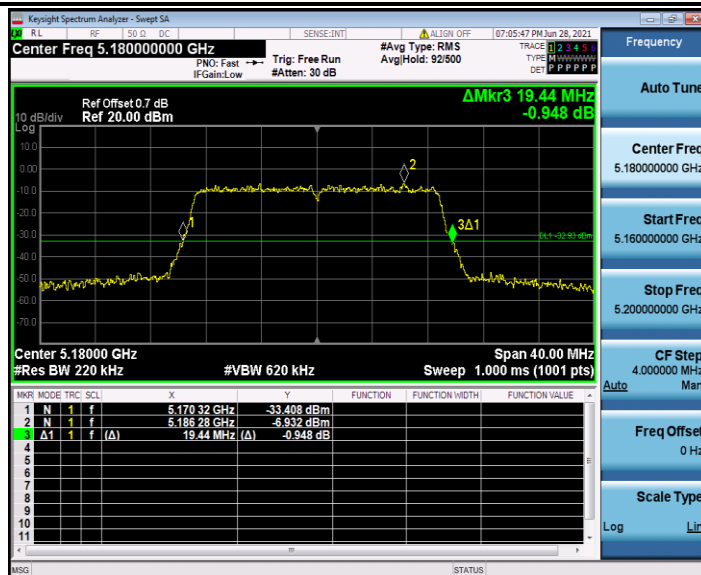


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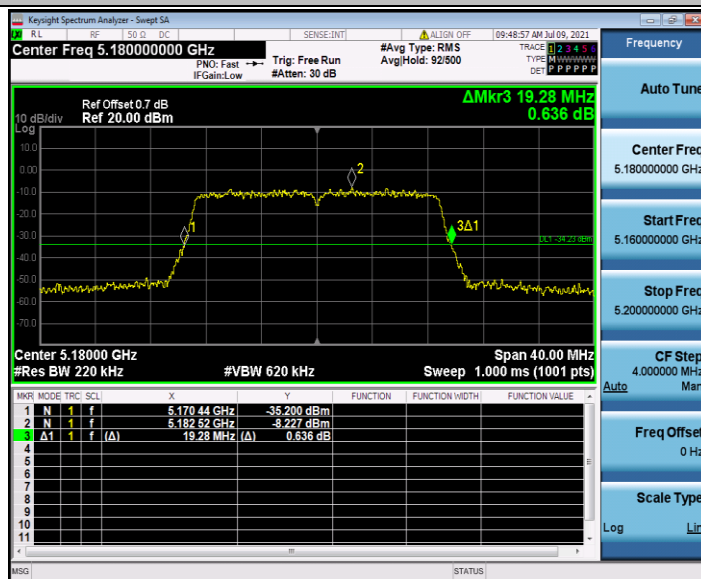


11A_Ant1_5825





11N20SISO_Ant2_5180



11N20SISO_Ant1_5220

