Power level setting using in test:

Band	Frequency	802.11 a	802.11 n (HT20)	802.11 ac (VHT20)	802.11 ax (HE20)	Frequency	802.11 n (HT40)
		Ant	Ant	Ant	Ant		Ant
NII 1	5180	1E	1E	1E	1E	5190	1E
	5200	1E	1E	1E	1E	5230	1E
	5240	1E	1E	1E	1E	-	-
NII 2A	5260	1E	1E	1E	1E	5270	1E
	5300	1E	1E	1E	1E	5310	1E
	5320	1E	1E	1E	1E	-	
NII 2C	5500	1E	1E	1E	1E	5510	1E
	5580	1E	1E	1E	1E	5550	1E
	5700	1E	1E	1E	1E	5670	1E
NII 3	5745	1E	1E	1E	1E	5755	1E
	5785	1E	1E	1E	1E	5795	1E
	5825	1E	1E	1E	1E	-	

Band	Frequency	802.11 ac (VHT40)	802.11 ax (HE40)	802.11 ac (VHT80)	802.11 ax (HE80)	
		Ant	Ant	Ant	Ant	
NII 1	5190	1E	1E	1E	1E	
	5230	1E	1E	1E	1E	
	-					
NII 2A	5270	1E	1E	1E	1E	
	5310	1E	1E	1E	1E	
	-					
NII 2C	5510	1E	1E	1E	1E	
	5550	1E	1E	1E	1E	
	5670	1E	1E	1E	1E	
NII 3	5755	1E	1E	1E	1E	
	5795	1E	1E	1E	1E	
	-					

Appendix A1: Emission Bandwidth

Test Result

TestMode	Antenna	Frequency[MHz]	26db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5180	24.280	5167.720	5192.000	---	---
	Ant2	5180	26.880	5166.040	5192.920	---	---
	Ant1	5200	23.560	5187.760	5211.320	---	---
	Ant2	5200	28.240	5187.760	5216.000	---	---
	Ant1	5240	20.040	5230.080	5250.120	---	---
	Ant2	5240	20.000	5229.960	5249.960	---	---
	Ant1	5260	24.480	5248.240	5272.720	---	---
	Ant2	5260	24.480	5247.760	5272.240	---	---
	Ant1	5280	24.160	5267.680	5291.840	---	---
	Ant2	5280	25.320	5267.320	5292.640	---	---
	Ant1	5320	28.400	5307.120	5335.520	---	---
	Ant2	5320	23.920	5307.920	5331.840	---	---
	Ant1	5500	25.400	5487.320	5512.720	---	---
	Ant2	5500	26.120	5486.560	5512.680	---	---
	Ant1	5580	26.320	5567.280	5593.600	---	---
	Ant2	5580	25.440	5566.960	5592.400	---	---
	Ant1	5700	24.360	5687.920	5712.280	---	---
	Ant2	5700	25.880	5687.080	5712.960	---	---
11N20SISO	Ant1	5180	23.960	5167.600	5191.560	---	---
	Ant2	5180	24.920	5167.520	5192.440	---	---
	Ant1	5200	25.720	5187.480	5213.200	---	---
	Ant2	5200	26.400	5186.920	5213.320	---	---
	Ant1	5240	20.240	5229.800	5250.040	---	---
	Ant2	5240	20.160	5229.760	5249.920	---	---
	Ant1	5260	25.120	5247.200	5272.320	---	---
	Ant2	5260	26.000	5247.160	5273.160	---	---
	Ant1	5280	24.720	5267.600	5292.320	---	---
	Ant2	5280	24.640	5267.320	5291.960	---	---
	Ant1	5320	24.040	5307.880	5331.920	---	---
	Ant2	5320	26.080	5306.880	5332.960	---	---
	Ant1	5500	27.600	5485.240	5512.840	---	---
	Ant2	5500	25.640	5486.920	5512.560	---	---
	Ant1	5580	26.680	5566.160	5592.840	---	---
	Ant2	5580	25.520	5567.280	5592.800	---	---
	Ant1	5700	27.400	5684.840	5712.240	---	---
	Ant2	5700	25.440	5687.080	5712.520	---	---

11N40SISO	Ant1	5190	39.920	5169.920	5209.840	---	---
	Ant2	5190	40.000	5169.920	5209.920	---	---
	Ant1	5230	39.920	5209.920	5249.840	---	---
	Ant2	5230	40.400	5209.760	5250.160	---	---
	Ant1	5270	40.160	5249.760	5289.920	---	---
	Ant2	5270	40.240	5249.920	5290.160	---	---
	Ant1	5310	40.640	5289.520	5330.160	---	---
	Ant2	5310	40.160	5289.840	5330.000	---	---
	Ant1	5510	39.520	5490.160	5529.680	---	---
	Ant2	5510	40.080	5489.920	5530.000	---	---
	Ant1	5550	40.240	5529.840	5570.080	---	---
	Ant2	5550	40.480	5529.680	5570.160	---	---
	Ant1	5670	40.160	5649.840	5690.000	---	---
	Ant2	5670	40.160	5649.840	5690.000	---	---
	Ant1	5755	40.160	5735.000	5775.160	---	---
11AC20SISO	Ant1	5180	26.560	5166.560	5193.120	---	---
	Ant2	5180	27.000	5165.880	5192.880	---	---
	Ant1	5200	26.640	5186.600	5213.240	---	---
	Ant2	5200	24.800	5187.760	5212.560	---	---
	Ant1	5240	20.360	5229.640	5250.000	---	---
	Ant2	5240	20.240	5229.720	5249.960	---	---
	Ant1	5260	25.560	5247.200	5272.760	---	---
	Ant2	5260	26.000	5246.600	5272.600	---	---
	Ant1	5280	24.800	5267.600	5292.400	---	---
	Ant2	5280	25.280	5267.640	5292.920	---	---
	Ant1	5320	25.360	5307.120	5332.480	---	---
	Ant2	5320	26.560	5306.840	5333.400	---	---
	Ant1	5500	25.960	5487.360	5513.320	---	---
	Ant2	5500	26.840	5486.400	5513.240	---	---
	Ant1	5580	25.880	5567.040	5592.920	---	---
	Ant2	5580	23.800	5568.000	5591.800	---	---
	Ant1	5700	25.400	5687.240	5712.640	---	---
	Ant2	5700	27.080	5686.560	5713.640	---	---
11AC40SISO	Ant1	5190	40.080	5169.760	5209.840	---	---
	Ant2	5190	40.160	5169.840	5210.000	---	---
	Ant1	5230	39.920	5210.000	5249.920	---	---
	Ant2	5230	40.320	5209.760	5250.080	---	---
	Ant1	5270	39.840	5250.160	5290.000	---	---
	Ant2	5270	40.560	5249.840	5290.400	---	---
	Ant1	5310	39.840	5290.000	5329.840	---	---
	Ant2	5310	40.240	5289.920	5330.160	---	---
	Ant1	5510	40.320	5489.920	5530.240	---	---
	Ant2	5510	39.760	5490.160	5529.920	---	---

	Ant1	5550	40.640	5529.280	5569.920	---	---
	Ant2	5550	40.240	5529.920	5570.160	---	---
	Ant1	5670	40.080	5649.840	5689.920	---	---
	Ant2	5670	40.080	5649.920	5690.000	---	---
	Ant1	5755	39.760	5735.160	5774.920	---	---
11AC80SISO	Ant1	5210	79.680	5170.000	5249.680	---	---
	Ant2	5210	79.680	5170.000	5249.680	---	---
	Ant1	5290	79.680	5250.160	5329.840	---	---
	Ant2	5290	79.520	5250.160	5329.680	---	---
	Ant1	5530	79.680	5490.000	5569.680	---	---
	Ant2	5530	79.840	5489.840	5569.680	---	---
	Ant1	5610	79.840	5570.000	5649.840	---	---
	Ant2	5610	79.840	5570.000	5649.840	---	---
11AX20SISO	Ant1	5180	21.360	5169.280	5190.640	---	---
	Ant2	5180	21.960	5168.840	5190.800	---	---
	Ant1	5200	21.960	5188.760	5210.720	---	---
	Ant2	5200	22.280	5188.720	5211.000	---	---
	Ant1	5240	19.880	5229.960	5249.840	---	---
	Ant2	5240	19.960	5229.880	5249.840	---	---
	Ant1	5260	21.480	5249.360	5270.840	---	---
	Ant2	5260	22.360	5248.840	5271.200	---	---
	Ant1	5280	21.800	5268.960	5290.760	---	---
	Ant2	5280	22.760	5268.520	5291.280	---	---
	Ant1	5320	21.840	5309.160	5331.000	---	---
	Ant2	5320	22.240	5308.760	5331.000	---	---
	Ant1	5500	22.640	5488.560	5511.200	---	---
	Ant2	5500	24.840	5488.280	5513.120	---	---
	Ant1	5580	21.920	5568.760	5590.680	---	---
	Ant2	5580	27.120	5565.280	5592.400	---	---
	Ant1	5700	21.880	5688.880	5710.760	---	---
	Ant2	5700	22.800	5688.440	5711.240	---	---
11AX40SISO	Ant1	5190	39.520	5170.160	5209.680	---	---
	Ant2	5190	39.440	5170.160	5209.600	---	---
	Ant1	5230	39.440	5210.240	5249.680	---	---
	Ant2	5230	39.440	5210.240	5249.680	---	---
	Ant1	5270	39.440	5250.320	5289.760	---	---
	Ant2	5270	39.520	5250.160	5289.680	---	---
	Ant1	5310	39.360	5290.240	5329.600	---	---
	Ant2	5310	39.680	5290.160	5329.840	---	---
	Ant1	5510	39.440	5490.160	5529.600	---	---
	Ant2	5510	39.520	5490.240	5529.760	---	---
	Ant1	5550	39.520	5530.240	5569.760	---	---
	Ant2	5550	39.440	5530.240	5569.680	---	---

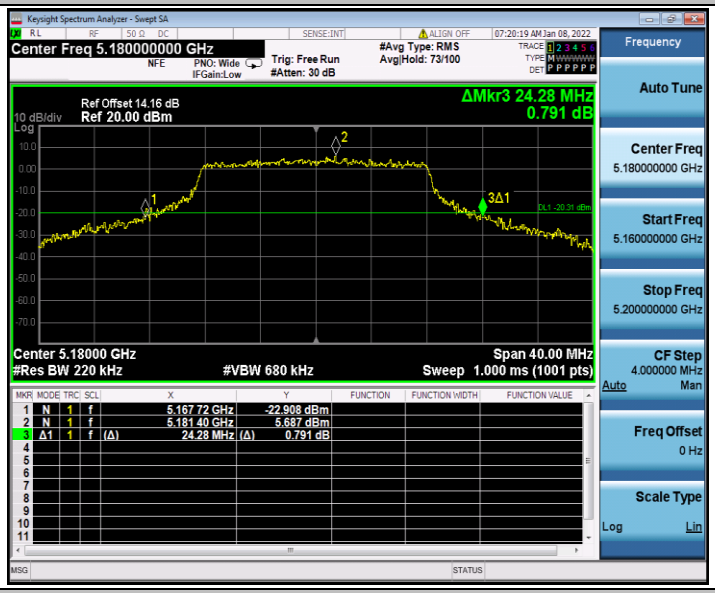
	Ant1	5670	39.040	5650.400	5689.440	---	---
	Ant2	5670	39.280	5650.320	5689.600	---	---
	Ant1	5755	39.520	5735.240	5774.760	---	---
	Ant2	5755	39.440	5735.080	5774.520	---	---
11AX80SISO	Ant1	5210	80.160	5169.840	5250.000	---	---
	Ant2	5210	80.000	5170.000	5250.000	---	---
	Ant1	5290	80.160	5249.840	5330.000	---	---
	Ant2	5290	80.160	5249.840	5330.000	---	---
	Ant1	5530	79.840	5490.000	5569.840	---	---
	Ant2	5530	80.000	5490.000	5570.000	---	---
	Ant1	5610	80.160	5569.840	5650.000	---	---
	Ant2	5610	80.160	5569.840	5650.000	---	---
11N20MIMO	Ant1	5180	26.000	5166.800	5192.800	---	---
	Ant2	5180	25.400	5167.200	5192.600	---	---
	Ant1	5200	24.760	5187.800	5212.560	---	---
	Ant2	5200	26.320	5186.480	5212.800	---	---
	Ant1	5240	20.200	5229.800	5250.000	---	---
	Ant2	5240	21.680	5229.560	5251.240	---	---
	Ant1	5260	24.720	5247.720	5272.440	---	---
	Ant2	5260	25.800	5247.920	5273.720	---	---
	Ant1	5280	24.840	5267.800	5292.640	---	---
	Ant2	5280	25.200	5268.120	5293.320	---	---
	Ant1	5320	24.800	5307.600	5332.400	---	---
	Ant2	5320	26.040	5306.880	5332.920	---	---
	Ant1	5500	23.800	5488.240	5512.040	---	---
	Ant2	5500	25.800	5486.520	5512.320	---	---
	Ant1	5580	26.040	5566.800	5592.840	---	---
	Ant2	5580	25.440	5568.080	5593.520	---	---
	Ant1	5700	26.120	5687.200	5713.320	---	---
	Ant2	5700	23.720	5688.600	5712.320	---	---
11N40MIMO	Ant1	5190	40.480	5169.680	5210.160	---	---
	Ant2	5190	39.280	5170.080	5209.360	---	---
	Ant1	5230	39.920	5210.080	5250.000	---	---
	Ant2	5230	39.680	5209.840	5249.520	---	---
	Ant1	5270	39.920	5250.240	5290.160	---	---
	Ant2	5270	39.760	5250.640	5290.400	---	---
	Ant1	5310	39.760	5290.160	5329.920	---	---
	Ant2	5310	39.440	5290.000	5329.440	---	---
	Ant1	5510	40.000	5489.920	5529.920	---	---
	Ant2	5510	39.920	5489.520	5529.440	---	---
	Ant1	5550	41.360	5529.040	5570.400	---	---
	Ant2	5550	41.120	5529.120	5570.240	---	---
	Ant1	5670	40.160	5649.840	5690.000	---	---

	Ant2	5670	45.440	5648.160	5693.600	---	---
	Ant1	5755	40.000	5734.760	5774.760	---	---
11AC20MIMO	Ant1	5180	26.200	5166.200	5192.400	---	---
	Ant2	5180	24.640	5167.840	5192.480	---	---
	Ant1	5200	24.040	5187.720	5211.760	---	---
	Ant2	5200	26.800	5187.120	5213.920	---	---
	Ant1	5240	20.320	5229.760	5250.080	---	---
	Ant2	5240	22.920	5229.320	5252.240	---	---
	Ant1	5260	26.040	5247.080	5273.120	---	---
	Ant2	5260	27.280	5247.280	5274.560	---	---
	Ant1	5280	26.360	5267.320	5293.680	---	---
	Ant2	5280	23.400	5268.920	5292.320	---	---
	Ant1	5320	26.080	5307.480	5333.560	---	---
	Ant2	5320	24.240	5307.640	5331.880	---	---
	Ant1	5500	28.600	5486.960	5515.560	---	---
	Ant2	5500	29.320	5484.360	5513.680	---	---
	Ant1	5580	27.040	5565.840	5592.880	---	---
	Ant2	5580	24.520	5567.880	5592.400	---	---
	Ant1	5700	27.080	5686.080	5713.160	---	---
	Ant2	5700	27.400	5687.080	5714.480	---	---
11AC40MIMO	Ant1	5190	39.920	5170.000	5209.920	---	---
	Ant2	5190	39.760	5169.920	5209.680	---	---
	Ant1	5230	40.080	5209.840	5249.920	---	---
	Ant2	5230	39.440	5209.840	5249.280	---	---
	Ant1	5270	40.160	5250.000	5290.160	---	---
	Ant2	5270	39.120	5250.880	5290.000	---	---
	Ant1	5310	40.240	5289.680	5329.920	---	---
	Ant2	5310	39.440	5289.920	5329.360	---	---
	Ant1	5510	40.320	5489.840	5530.160	---	---
	Ant2	5510	40.080	5489.680	5529.760	---	---
	Ant1	5550	40.640	5529.520	5570.160	---	---
	Ant2	5550	40.880	5529.920	5570.800	---	---
	Ant1	5670	40.560	5649.520	5690.080	---	---
	Ant2	5670	47.440	5646.320	5693.760	---	---
11AC80MIMO	Ant1	5210	80.000	5170.000	5250.000	---	---
	Ant2	5210	79.200	5170.160	5249.360	---	---
	Ant1	5290	79.840	5250.160	5330.000	---	---
	Ant2	5290	78.880	5250.480	5329.360	---	---
	Ant1	5530	79.840	5490.160	5570.000	---	---
	Ant2	5530	79.520	5490.000	5569.520	---	---
11AX20MIMO	Ant1	5180	21.800	5168.920	5190.720	---	---
	Ant2	5180	22.720	5168.160	5190.880	---	---
	Ant1	5200	21.840	5188.760	5210.600	---	---

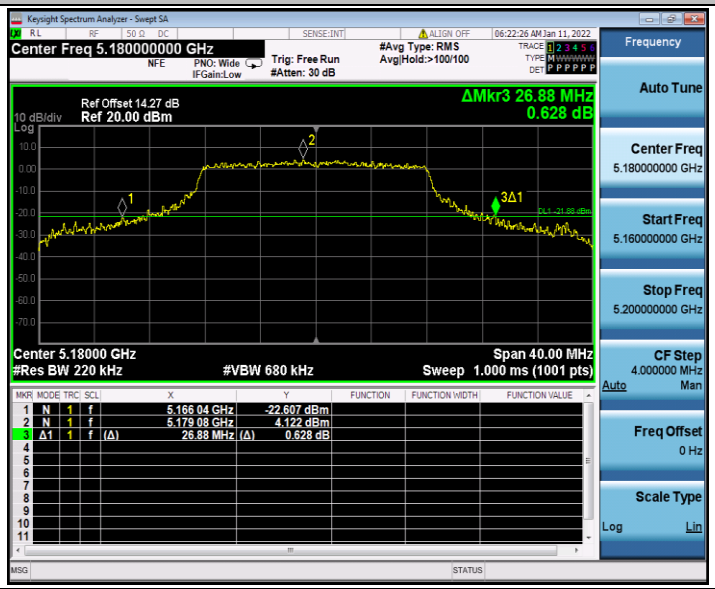
	Ant2	5200	23.800	5187.600	5211.400	---	---
	Ant1	5240	19.920	5229.960	5249.880	---	---
	Ant2	5240	22.560	5228.160	5250.720	---	---
	Ant1	5260	21.680	5249.200	5270.880	---	---
	Ant2	5260	22.360	5249.120	5271.480	---	---
	Ant1	5280	21.520	5269.240	5290.760	---	---
	Ant2	5280	22.160	5269.200	5291.360	---	---
	Ant1	5320	21.520	5309.160	5330.680	---	---
	Ant2	5320	22.480	5308.240	5330.720	---	---
	Ant1	5500	21.920	5488.920	5510.840	---	---
	Ant2	5500	24.160	5487.680	5511.840	---	---
	Ant1	5580	25.920	5566.400	5592.320	---	---
	Ant2	5580	22.120	5568.960	5591.080	---	---
	Ant1	5700	22.320	5688.840	5711.160	---	---
	Ant2	5700	21.880	5689.200	5711.080	---	---
11AX40MIMO	Ant1	5190	39.280	5170.240	5209.520	---	---
	Ant2	5190	39.520	5170.080	5209.600	---	---
	Ant1	5230	39.440	5210.160	5249.600	---	---
	Ant2	5230	39.360	5210.240	5249.600	---	---
	Ant1	5270	39.520	5250.240	5289.760	---	---
	Ant2	5270	39.200	5250.400	5289.600	---	---
	Ant1	5310	39.520	5290.160	5329.680	---	---
	Ant2	5310	39.520	5290.160	5329.680	---	---
	Ant1	5510	39.280	5490.320	5529.600	---	---
	Ant2	5510	39.360	5490.160	5529.520	---	---
	Ant1	5550	39.360	5530.320	5569.680	---	---
	Ant2	5550	39.760	5530.080	5569.840	---	---
	Ant1	5670	39.440	5650.240	5689.680	---	---
	Ant2	5670	39.520	5650.160	5689.680	---	---
11AX80MIMO	Ant1	5210	80.160	5169.680	5249.840	---	---
	Ant2	5210	79.680	5170.000	5249.680	---	---
	Ant1	5290	80.000	5250.000	5330.000	---	---
	Ant2	5290	79.680	5250.160	5329.840	---	---
	Ant1	5530	80.000	5490.000	5570.000	---	---
	Ant2	5530	80.160	5489.840	5570.000	---	---

Test Graphs

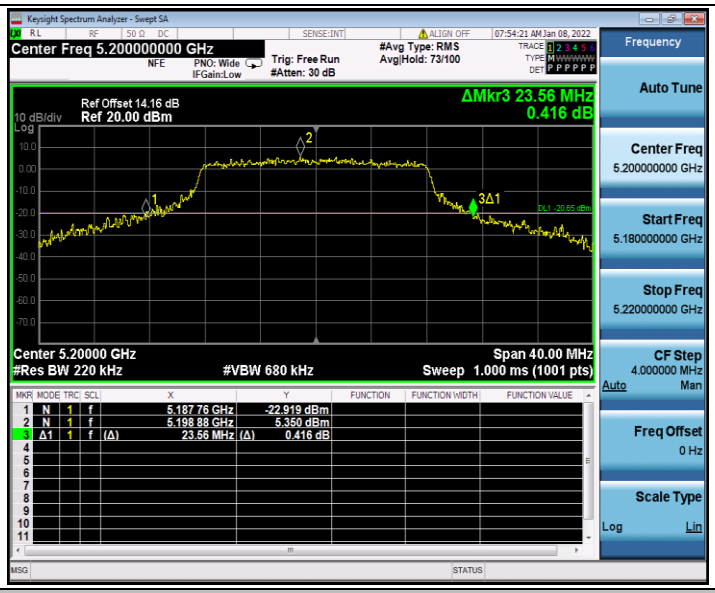
11A_Ant1_5180



11A_Ant2_5180

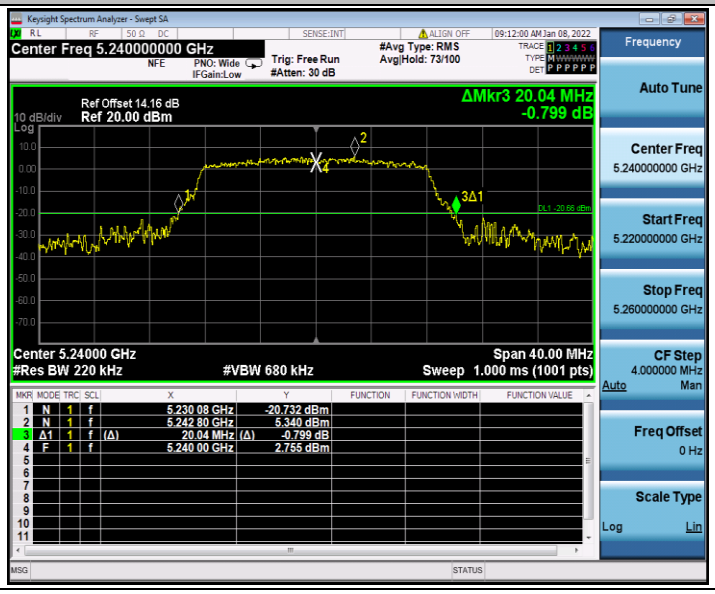


11A_Ant1_5200



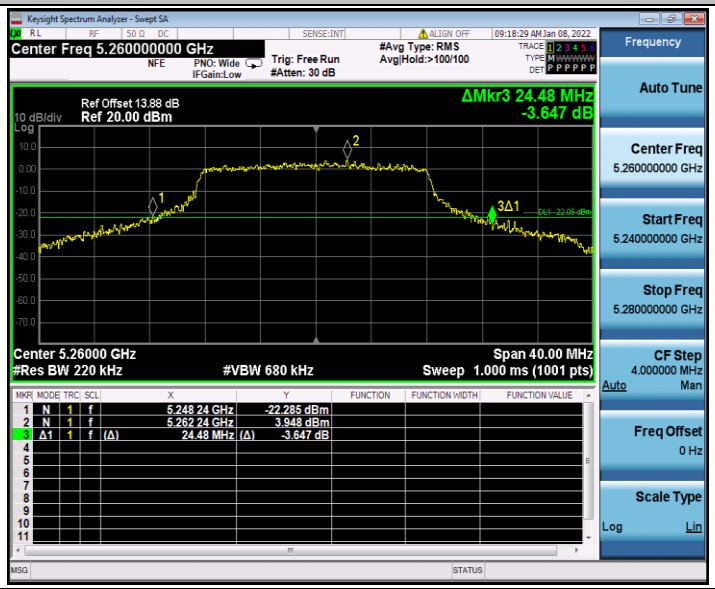
11A_Ant2_5200

11A_Ant1_5240

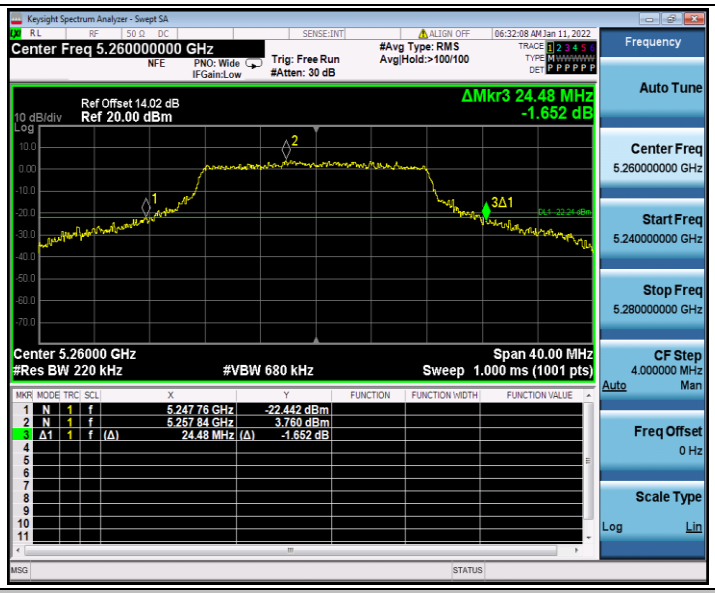


11A_Ant2_5240

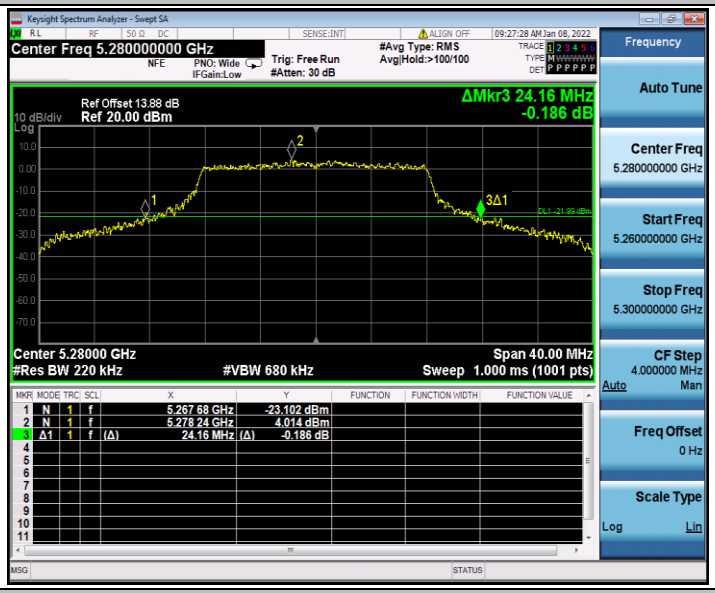
11A_Ant1_5260



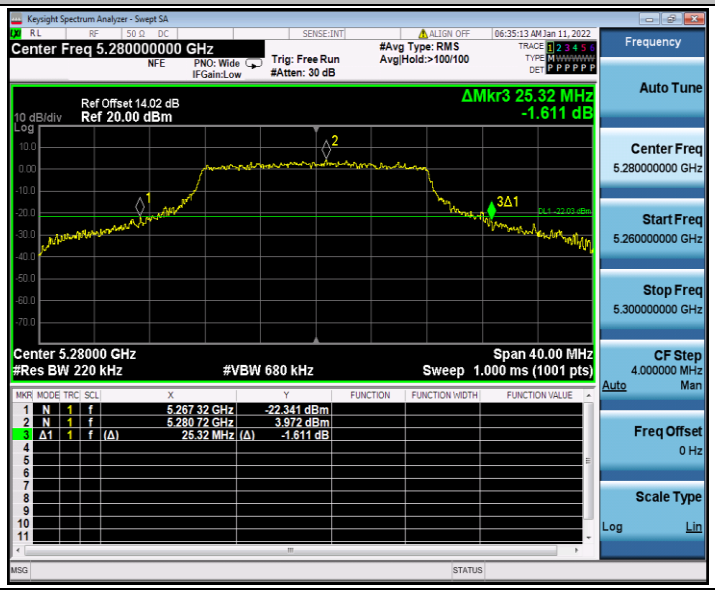
11A_Ant2_5260



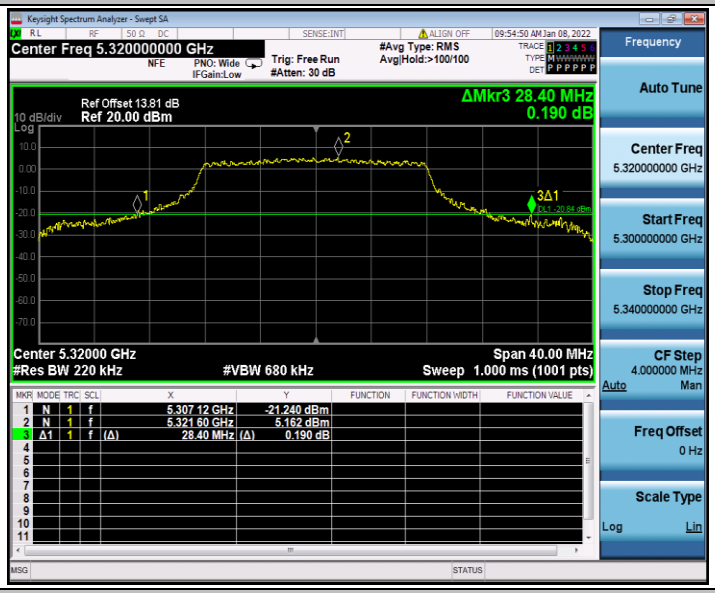
11A_Ant1_5280



11A_Ant2_5280



11A_Ant1_5320



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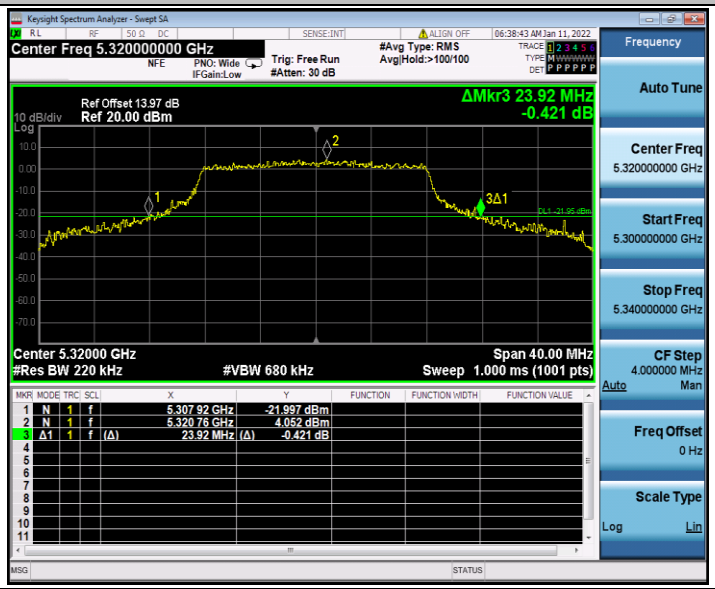

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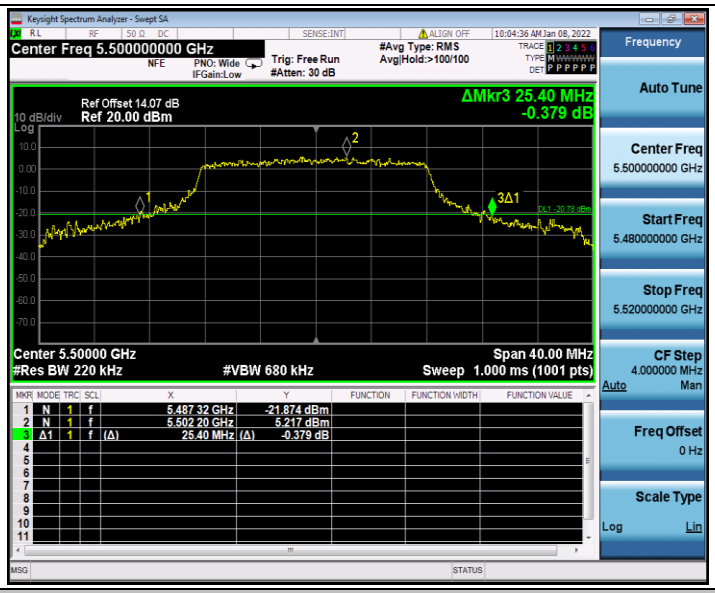

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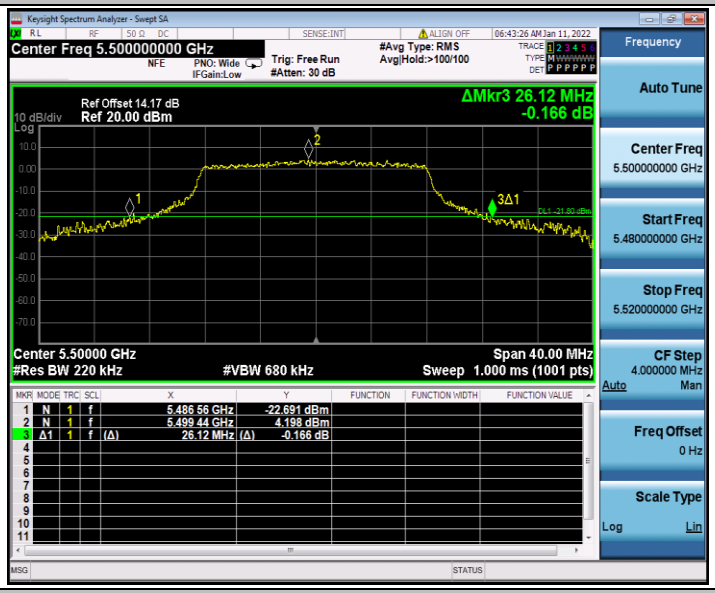
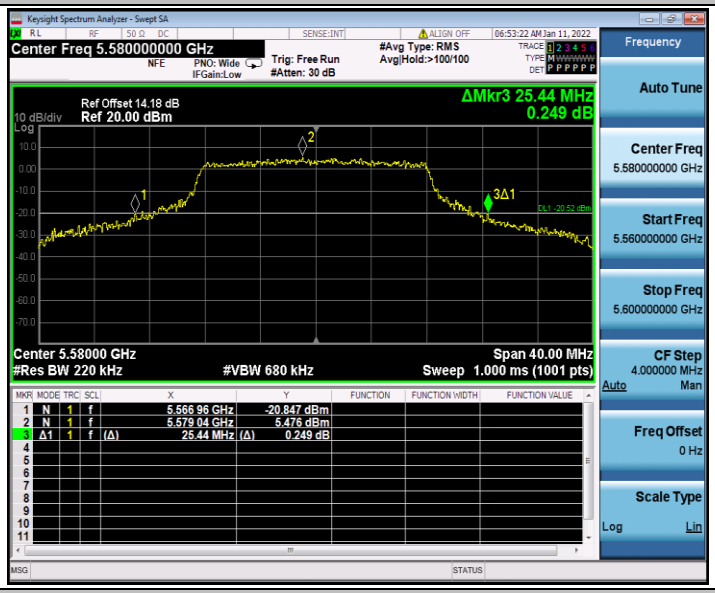


11A_Ant1_5580

11A_Ant2_5580



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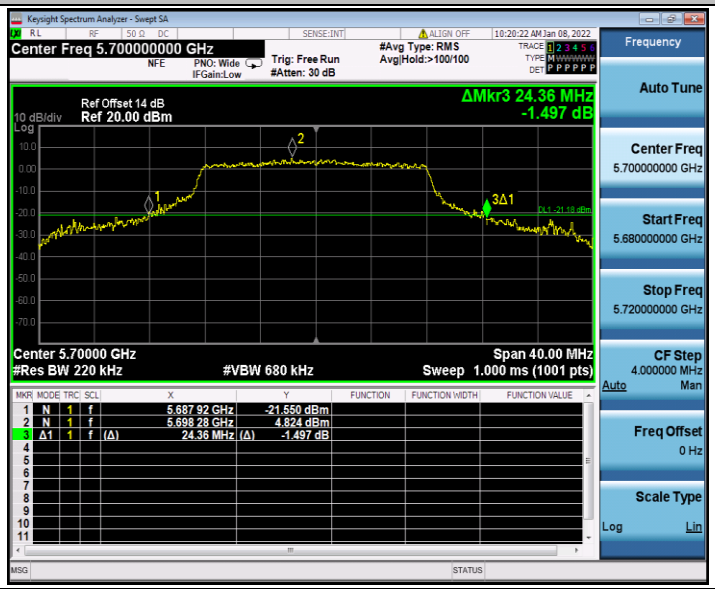

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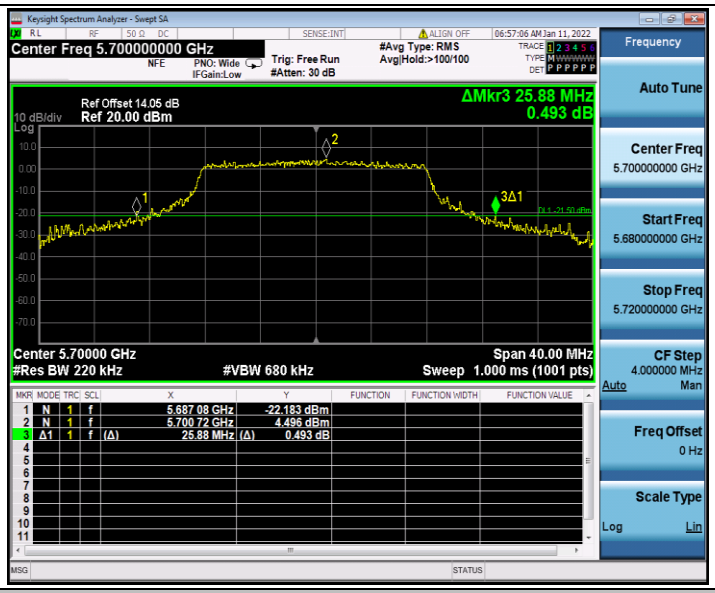
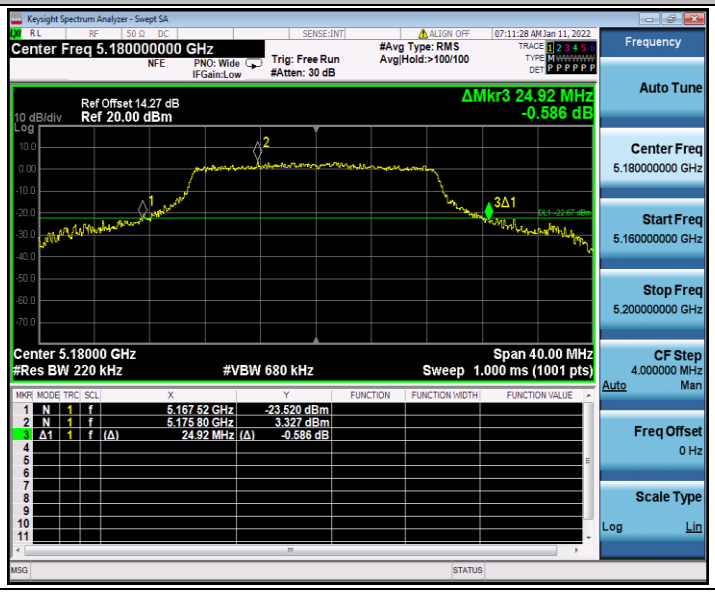


11N20SISO_Ant1_5180

11N20SISO_Ant2_5180



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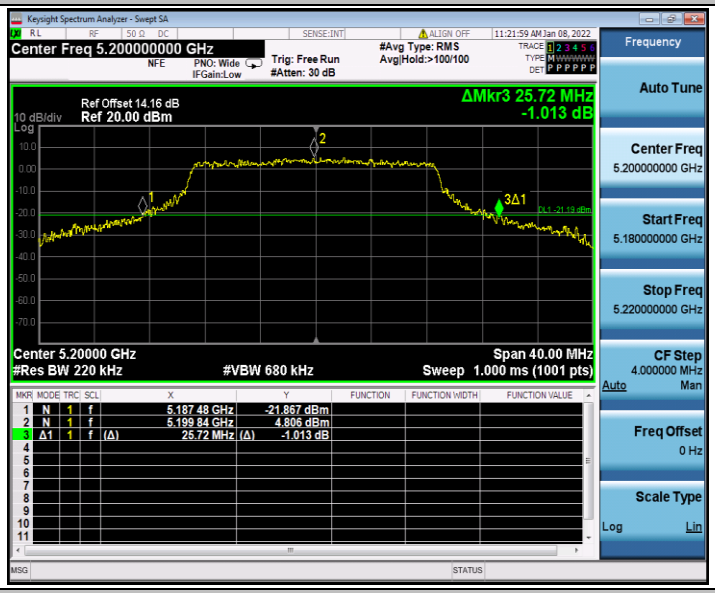

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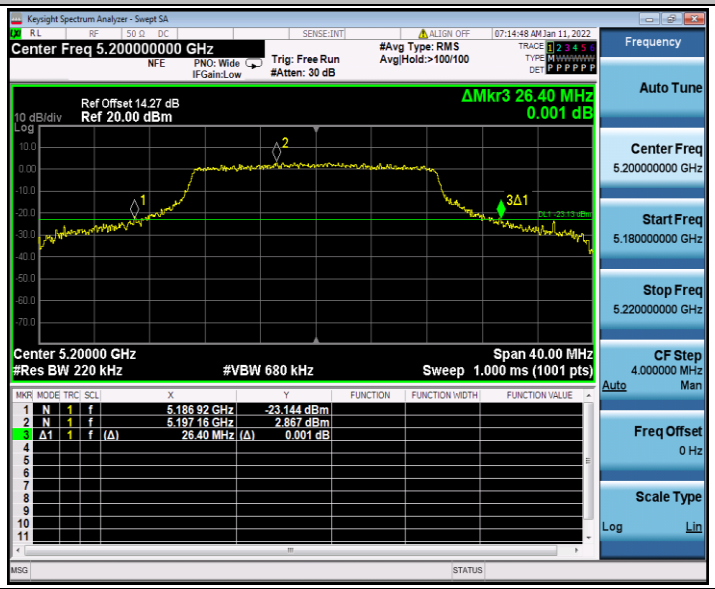

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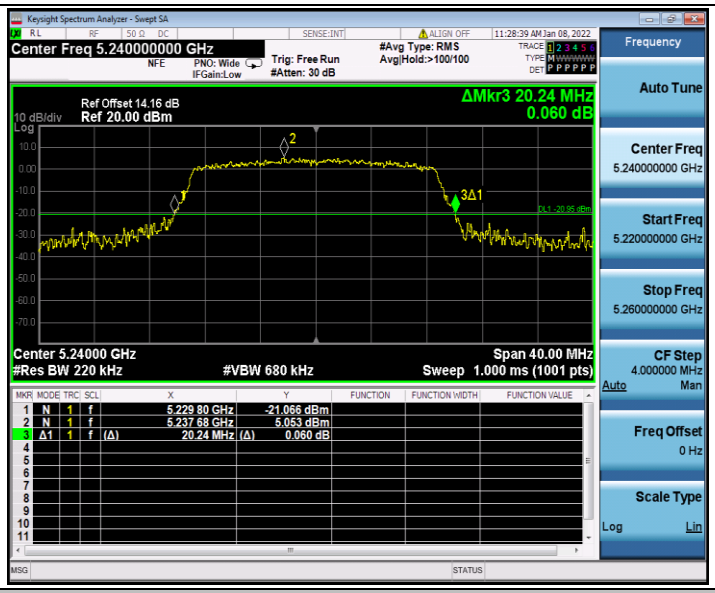

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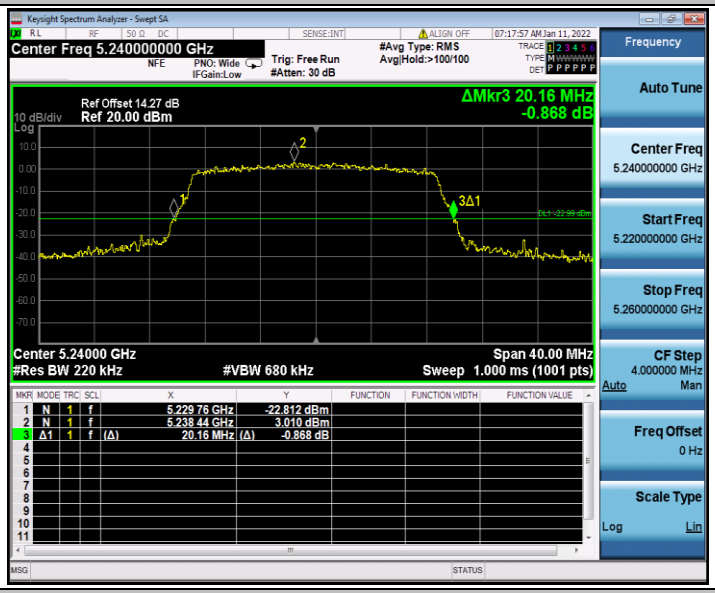
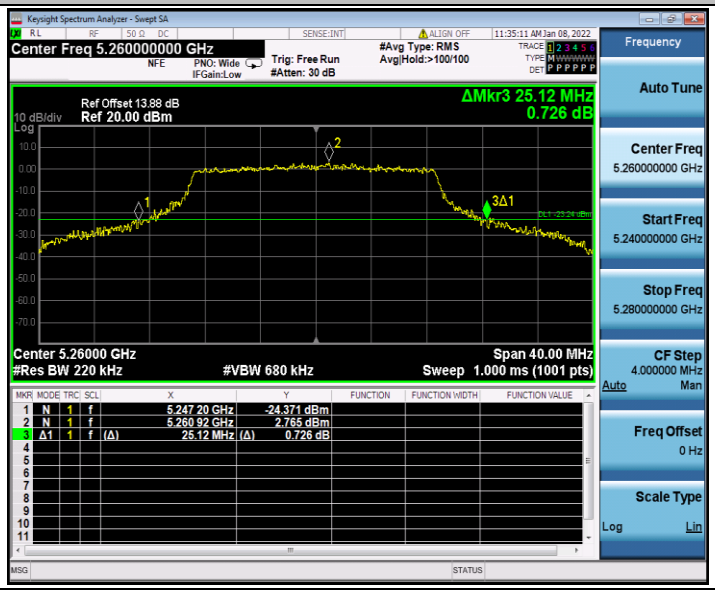


11N20SISO_Ant1_5260



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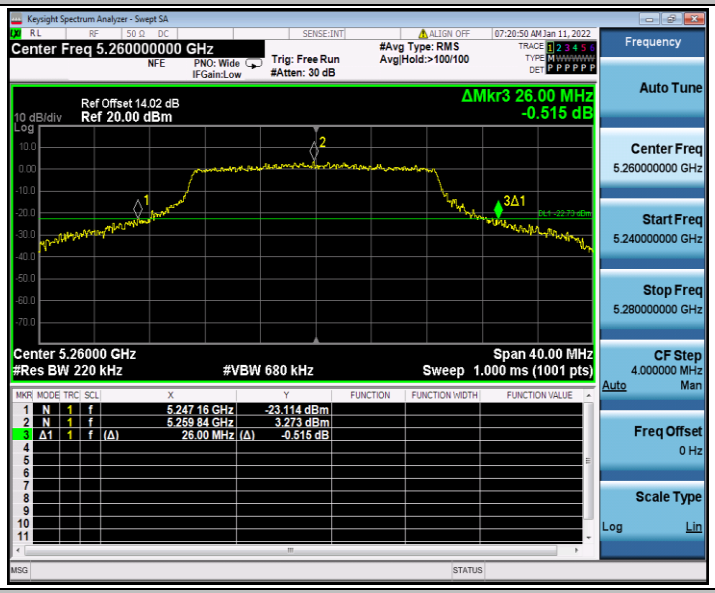

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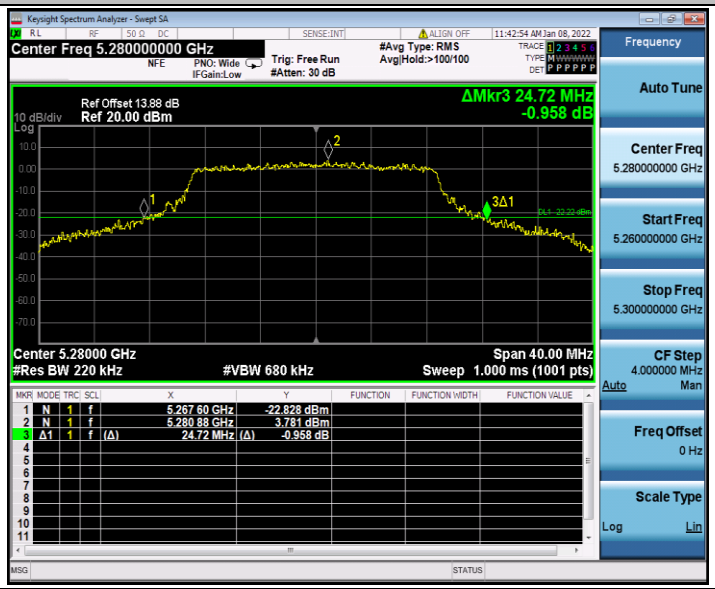

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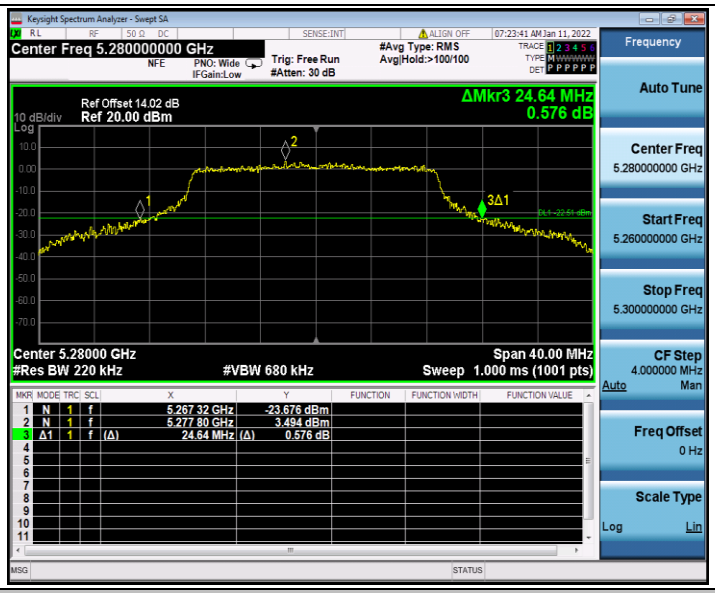

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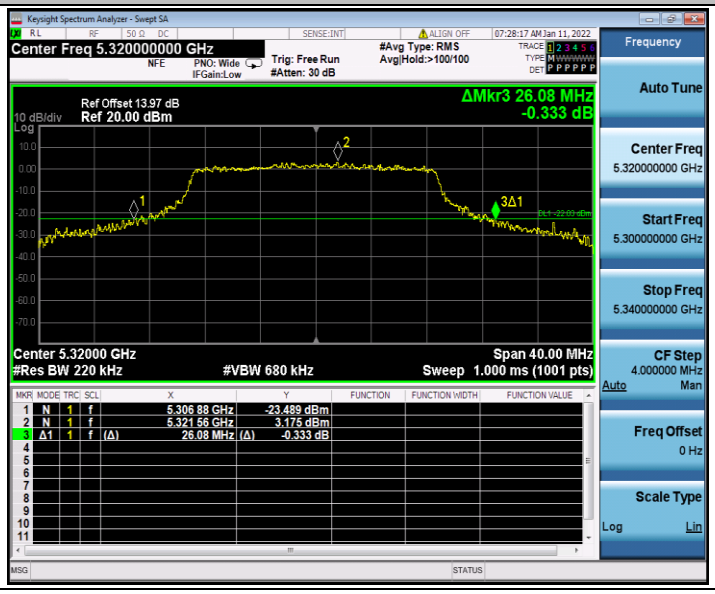

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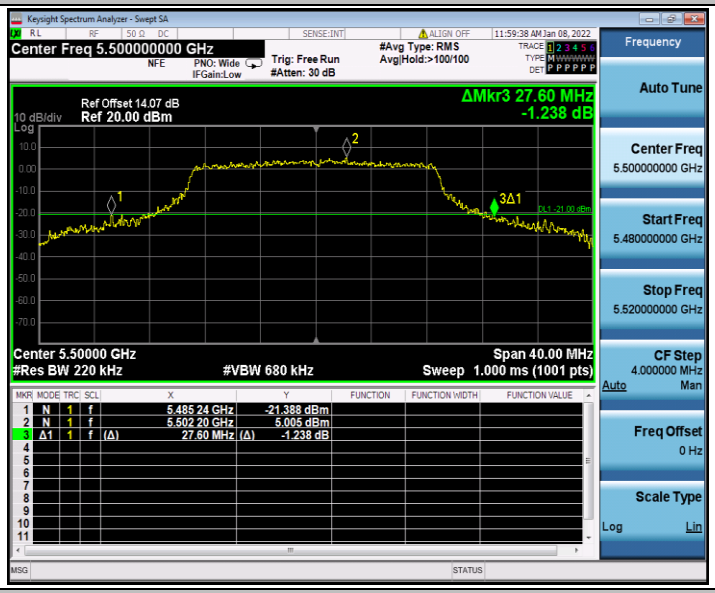

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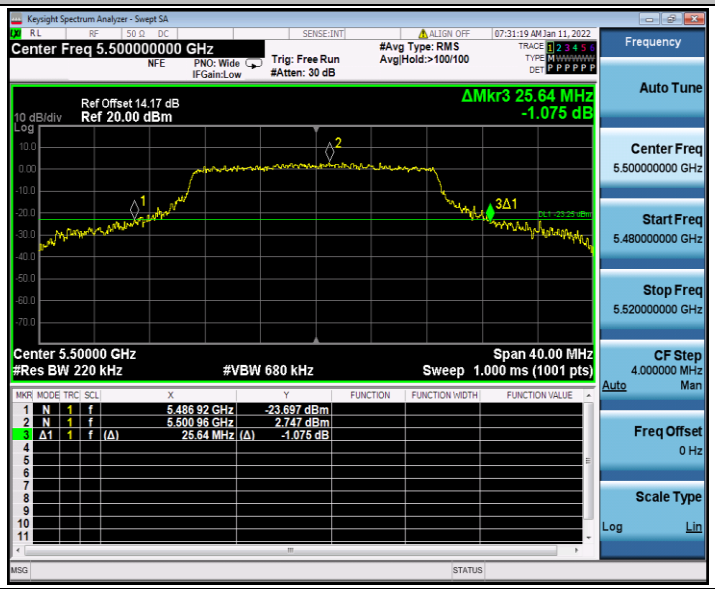

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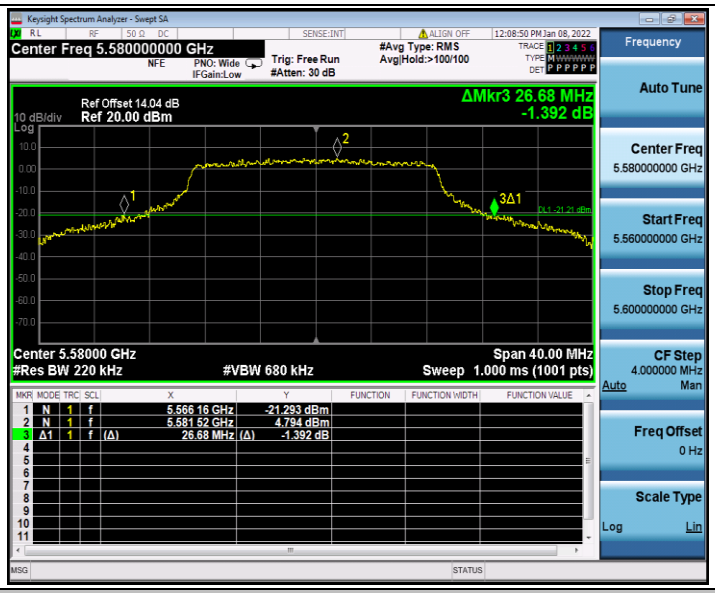

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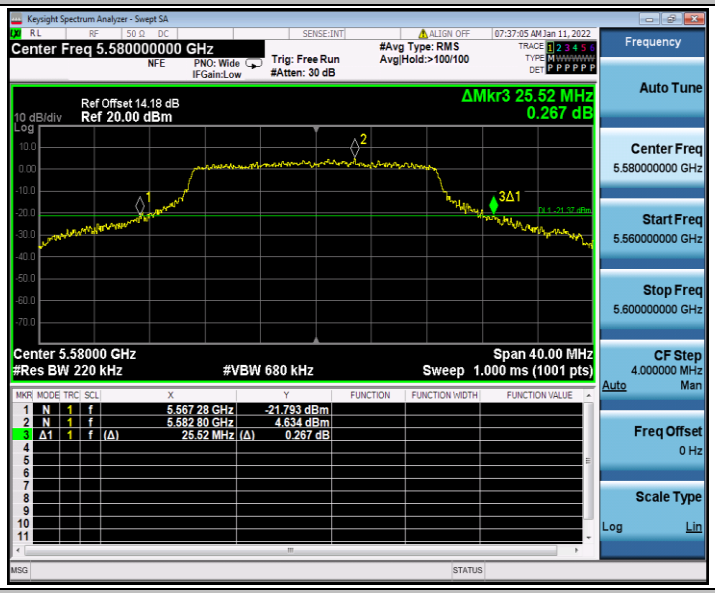
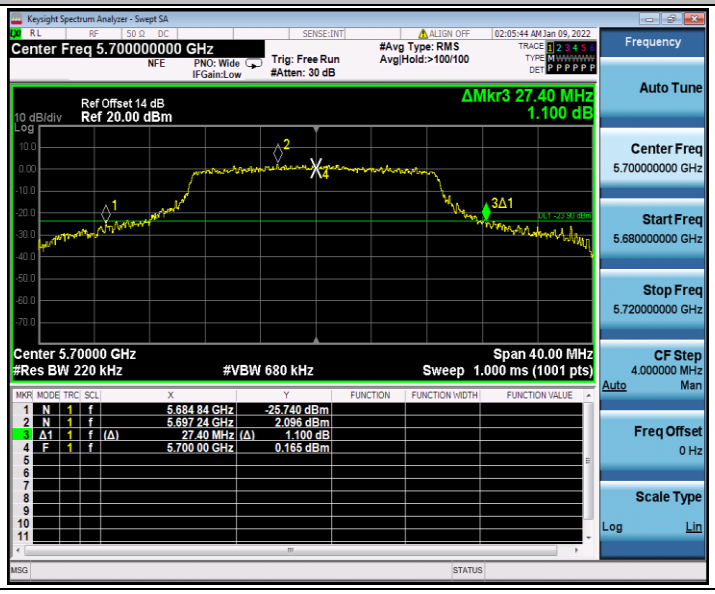
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