Appendix for 5G WIFI

FCC ID: 2AZU3-7101AGL

Applicant: Matrixed Reality Technology Co., Ltd.

Address: No.6, Xingchuang 2nd Rd., Xinwu Dist., Wuxi, China

Product Name: Nreal Streaming Box

Product Model: NR-7101AGL

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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	20.600	5169.640	5190.240	---	PASS
		5200	20.800	5189.600	5210.400	---	PASS
		5240	20.800	5229.680	5250.480	---	PASS
		5260	20.480	5249.640	5270.120	---	PASS
		5280	20.880	5269.520	5290.400	---	PASS
		5320	20.800	5309.480	5330.280	---	PASS
		5500	20.800	5489.600	5510.400	---	PASS
		5600	20.920	5589.600	5610.520	---	PASS
		5700	20.680	5689.560	5710.240	---	PASS
		5745	20.480	5734.680	5755.160	---	PASS
		5785	20.760	5774.520	5795.280	---	PASS
		5825	20.640	5814.640	5835.280	---	PASS
11N20SISO	Ant1	5180	21.000	5169.640	5190.640	---	PASS
		5200	20.960	5189.560	5210.520	---	PASS
		5240	21.520	5229.120	5250.640	---	PASS
		5260	21.040	5249.560	5270.600	---	PASS
		5280	21.560	5269.120	5290.680	---	PASS
		5320	21.520	5309.240	5330.760	---	PASS
		5500	21.200	5489.640	5510.840	---	PASS
		5600	21.400	5589.360	5610.760	---	PASS
		5700	21.000	5689.440	5710.440	---	PASS
		5745	20.960	5734.520	5755.480	---	PASS
		5785	21.400	5774.480	5795.880	---	PASS
		5825	21.040	5814.720	5835.760	---	PASS
11N40SISO	Ant1	5190	41.840	5169.120	5210.960	---	PASS
		5230	42.080	5208.880	5250.960	---	PASS
		5270	42.400	5248.720	5291.120	---	PASS
		5310	41.680	5289.040	5330.720	---	PASS
		5510	41.840	5488.960	5530.800	---	PASS
		5590	41.600	5568.960	5610.560	---	PASS
		5670	41.920	5649.200	5691.120	---	PASS
		5755	42.000	5734.120	5776.120	---	PASS
		5795	41.840	5773.960	5815.800	---	PASS
11AC20SISO	Ant1	5180	21.080	5169.560	5190.640	---	PASS
		5200	21.120	5189.520	5210.640	---	PASS
		5240	21.320	5229.360	5250.680	---	PASS
		5260	21.400	5249.240	5270.640	---	PASS

		5280	21.120	5269.560	5290.680	---	PASS
		5320	21.160	5309.480	5330.640	---	PASS
		5500	21.280	5489.240	5510.520	---	PASS
		5600	21.000	5589.600	5610.600	---	PASS
		5700	21.200	5689.520	5710.720	---	PASS
		5745	21.400	5734.240	5755.640	---	PASS
		5785	21.520	5774.120	5795.640	---	PASS
		5825	21.280	5814.320	5835.600	---	PASS
11AC40SISO	Ant1	5190	41.440	5169.200	5210.640	---	PASS
		5230	41.840	5209.040	5250.880	---	PASS
		5270	42.160	5248.800	5290.960	---	PASS
		5310	41.600	5289.200	5330.800	---	PASS
		5510	42.160	5489.040	5531.200	---	PASS
		5590	41.440	5569.200	5610.640	---	PASS
		5670	41.600	5649.360	5690.960	---	PASS
		5755	41.920	5734.200	5776.120	---	PASS
		5795	41.760	5774.360	5816.120	---	PASS
11AC80SISO	Ant1	5210	83.200	5169.520	5252.720	---	PASS
		5290	83.040	5249.360	5332.400	---	PASS
		5530	82.080	5489.200	5571.280	---	PASS
		5775	82.720	5734.360	5817.080	---	PASS

Test Graphs

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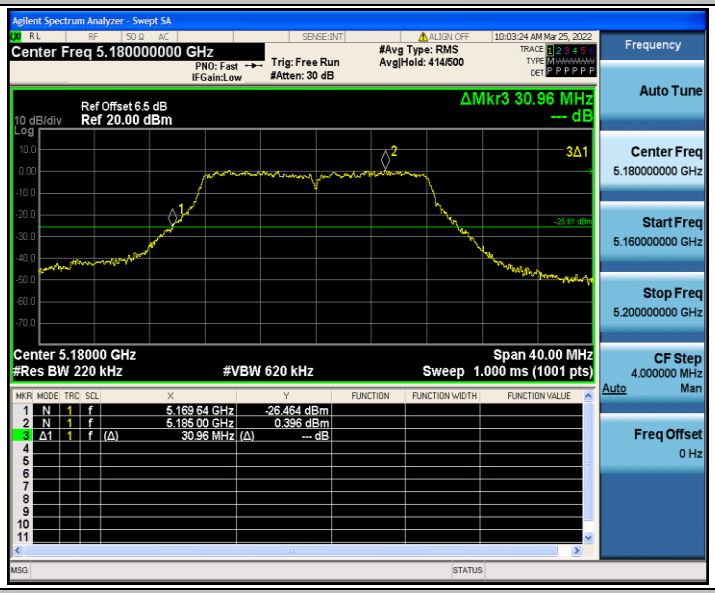

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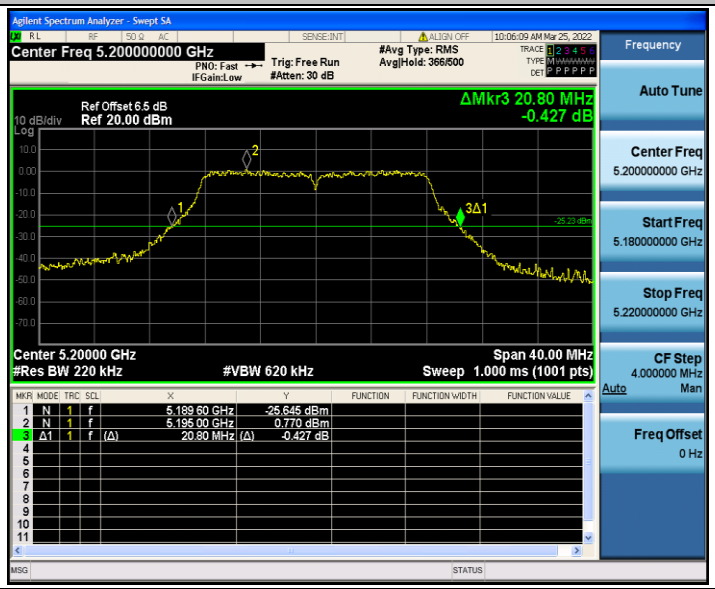

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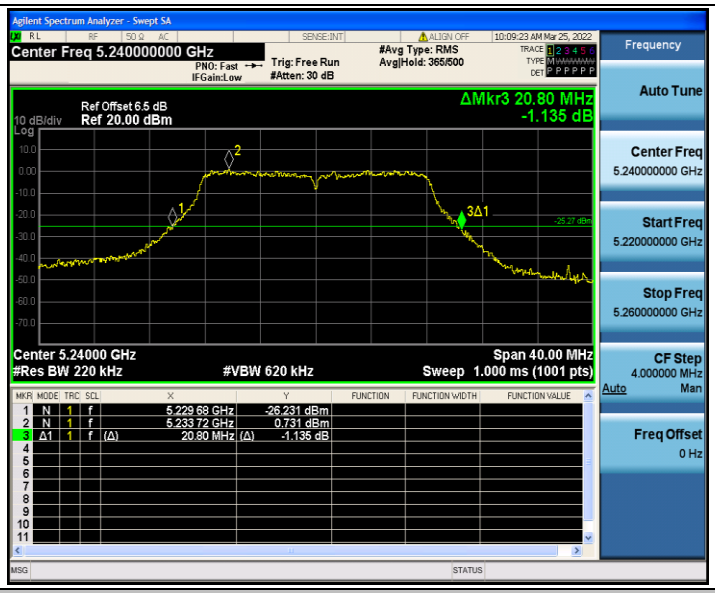

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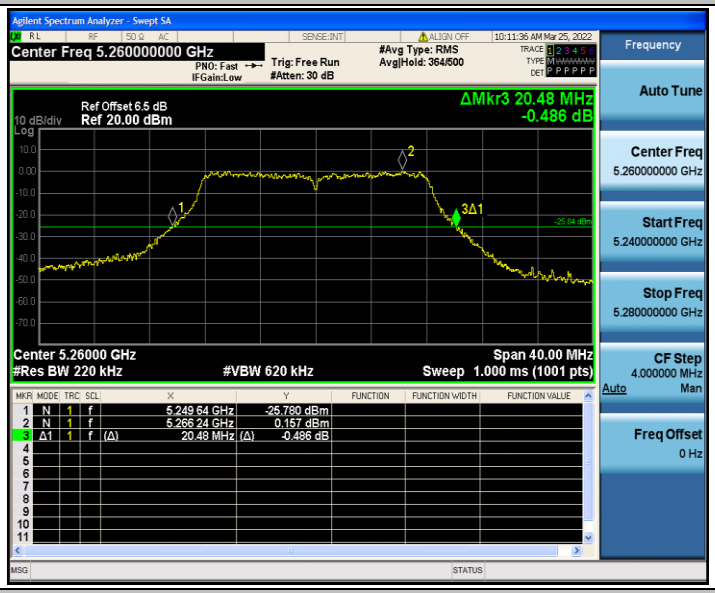

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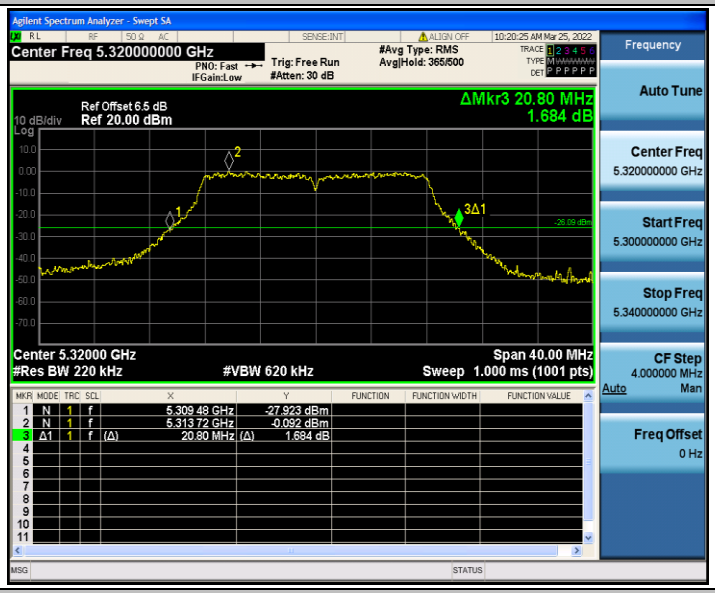

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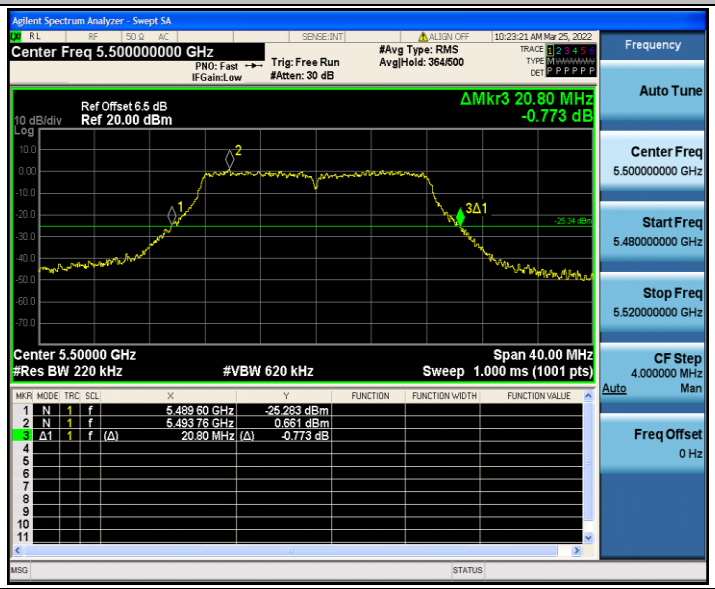

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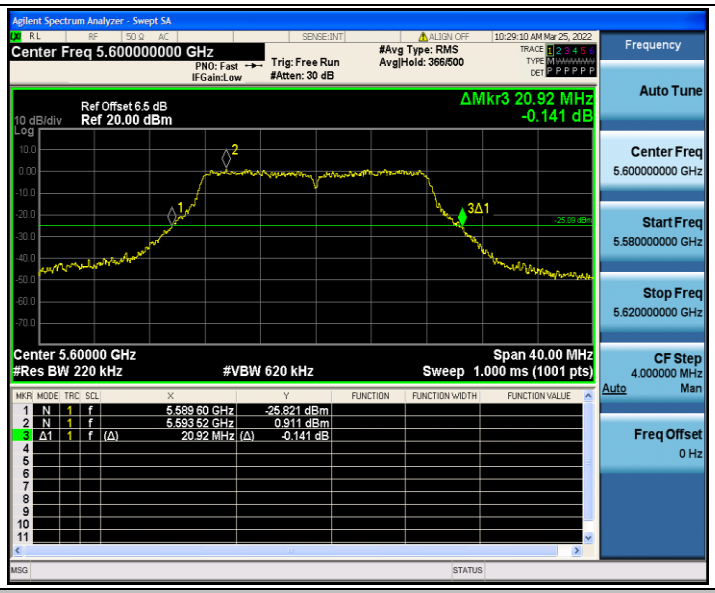

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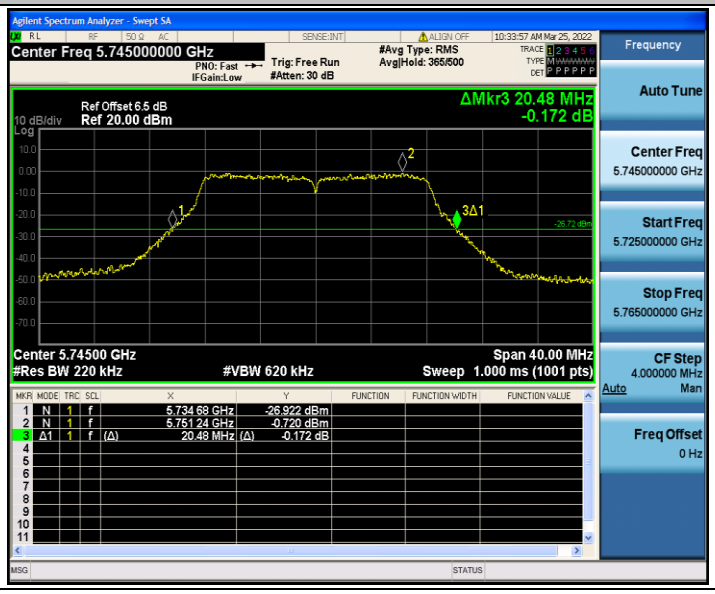

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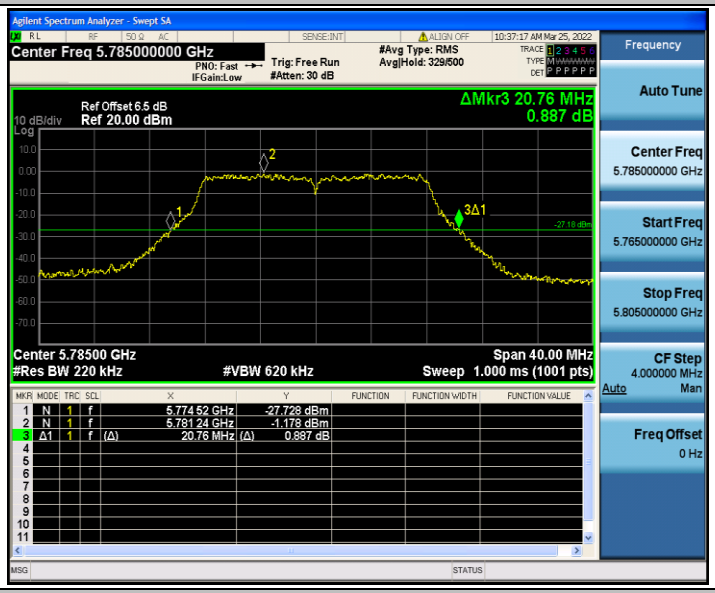

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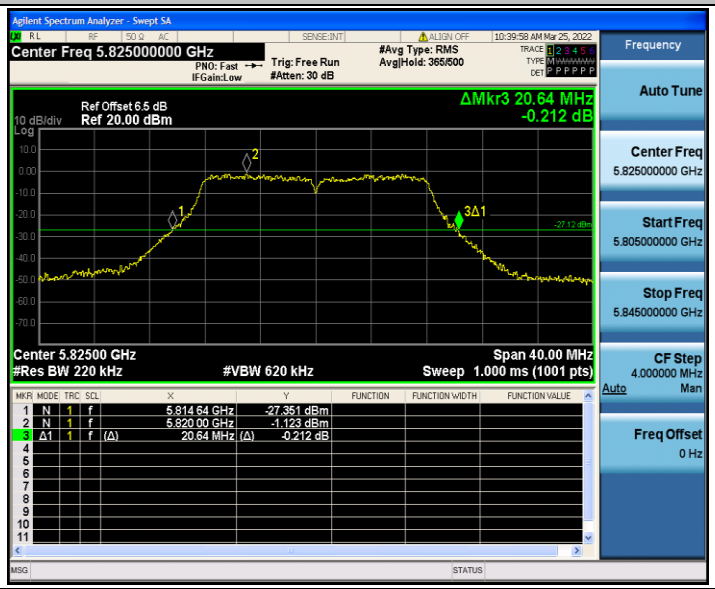

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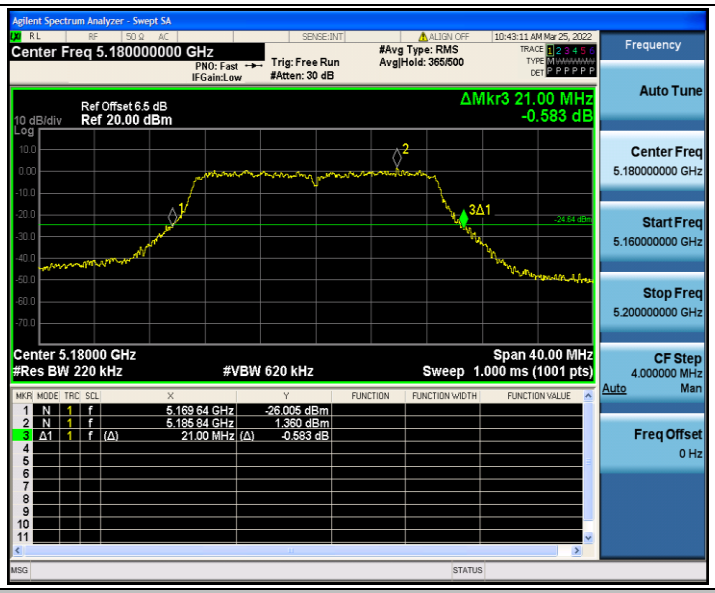

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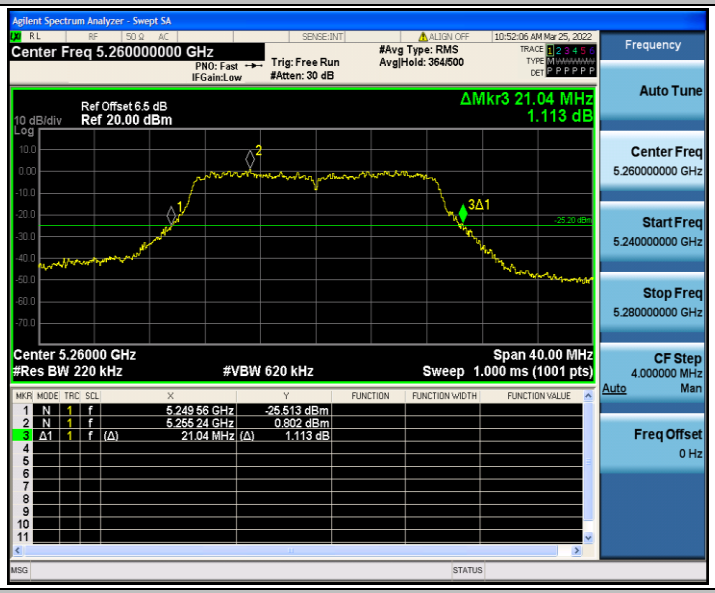

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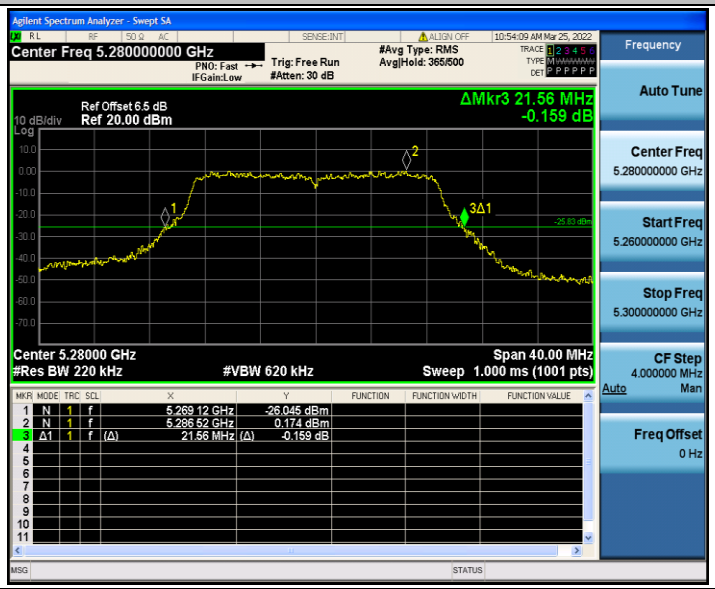

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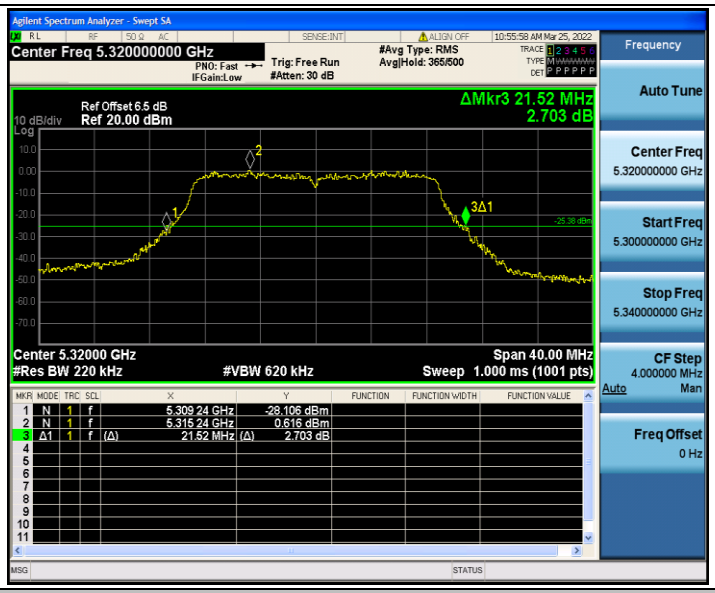

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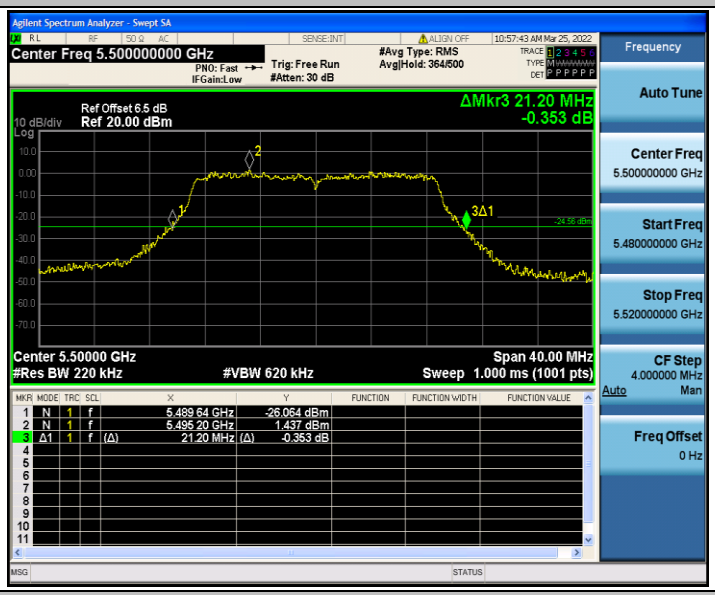

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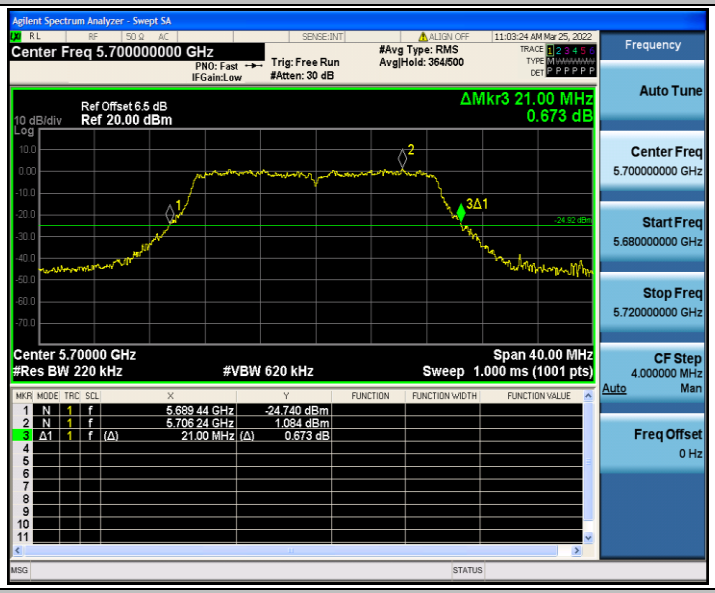

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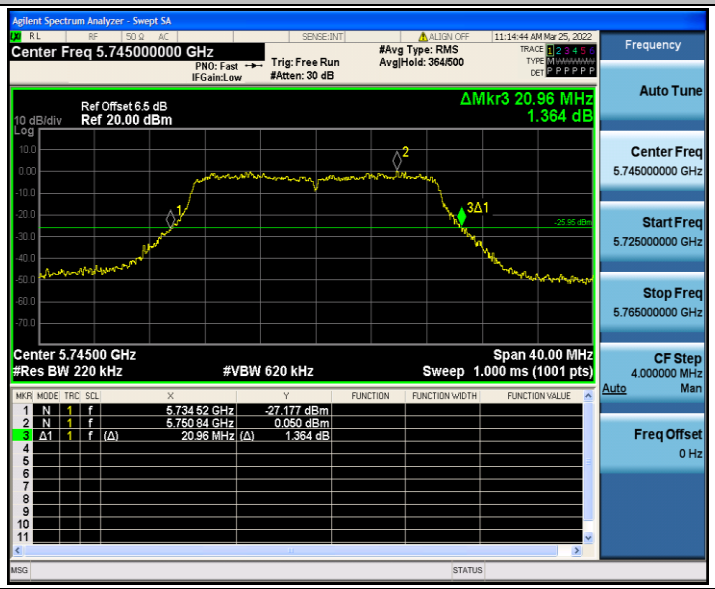

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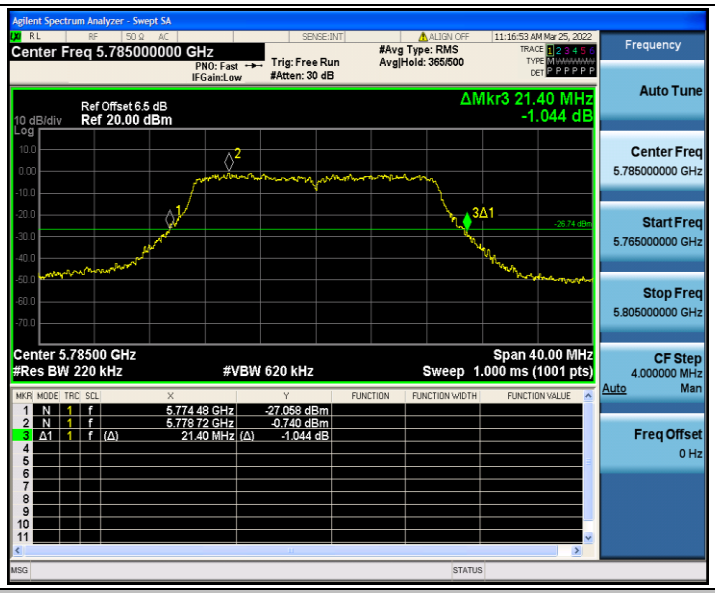

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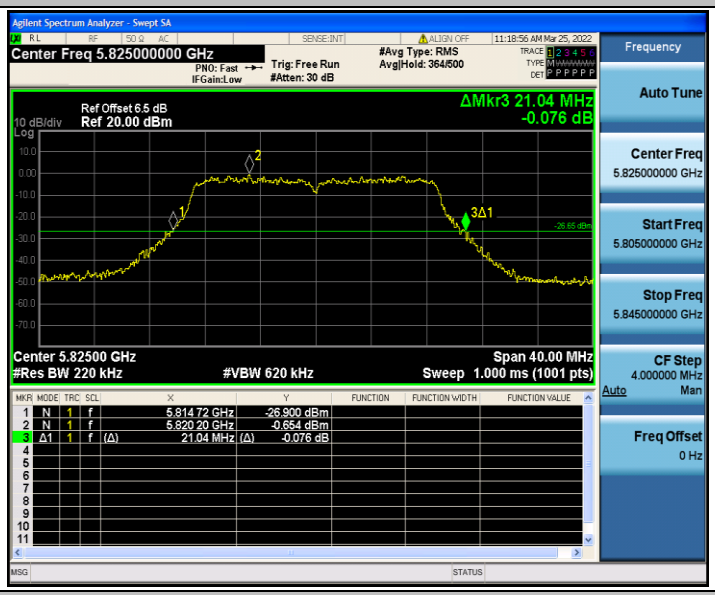

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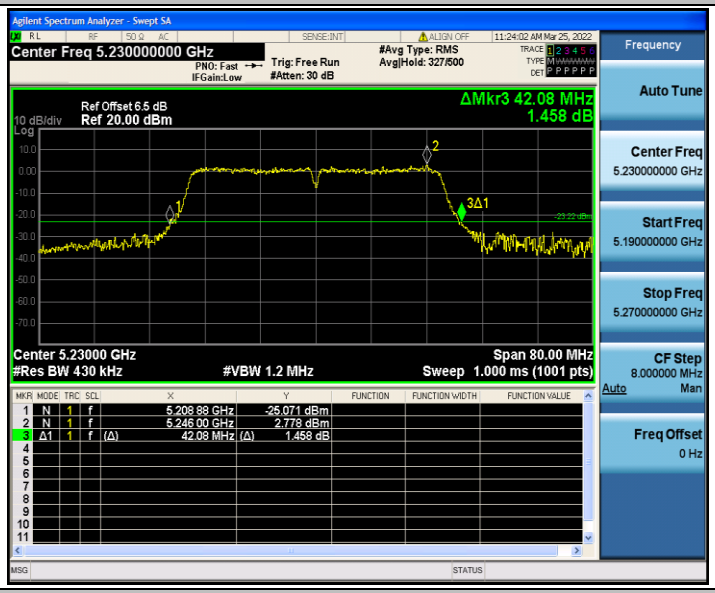

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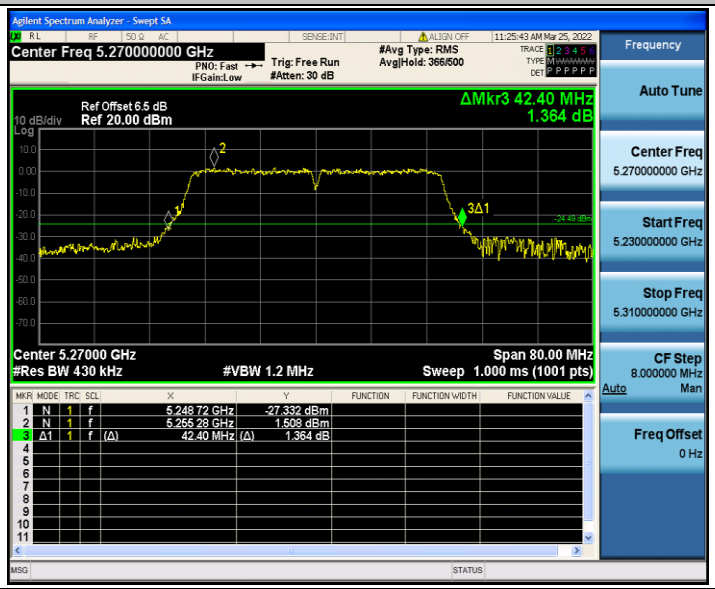

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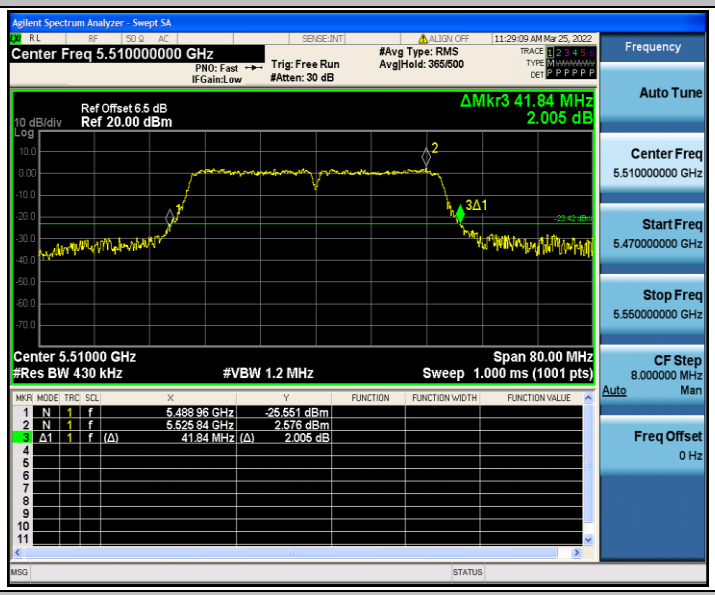

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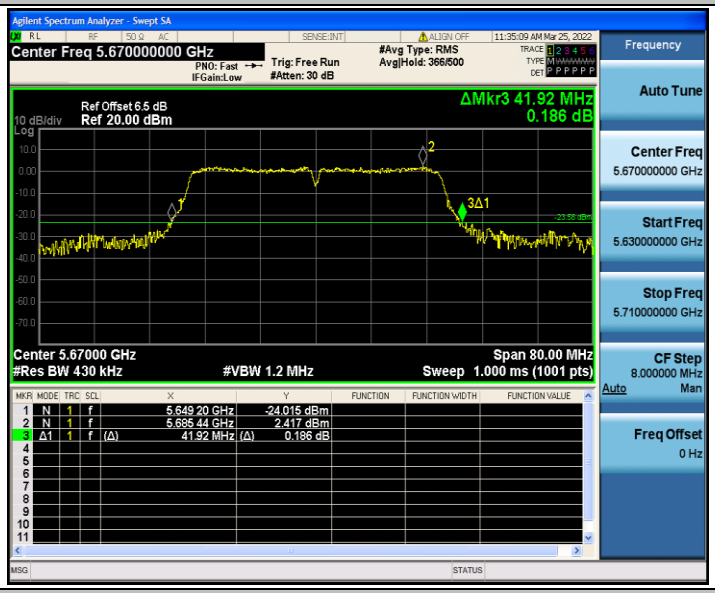

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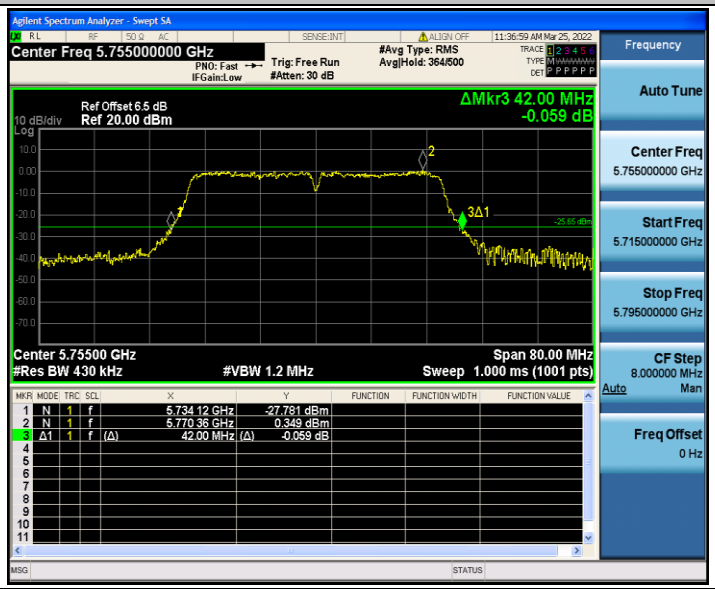

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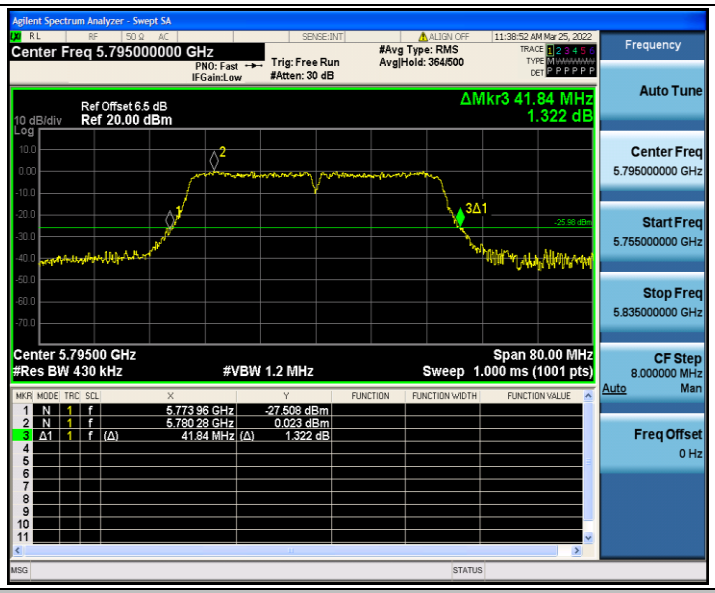

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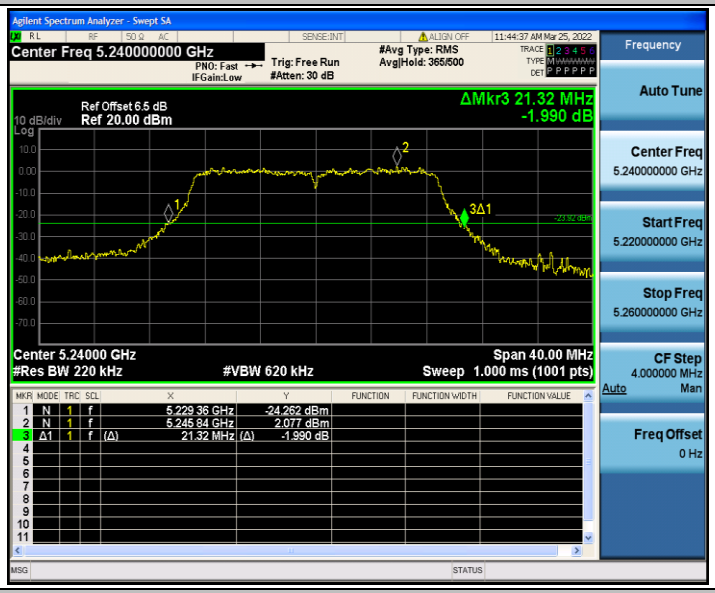

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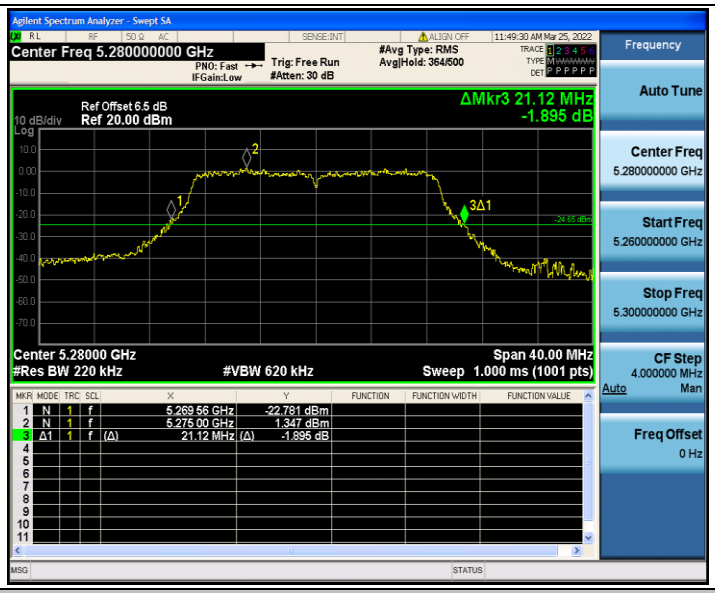

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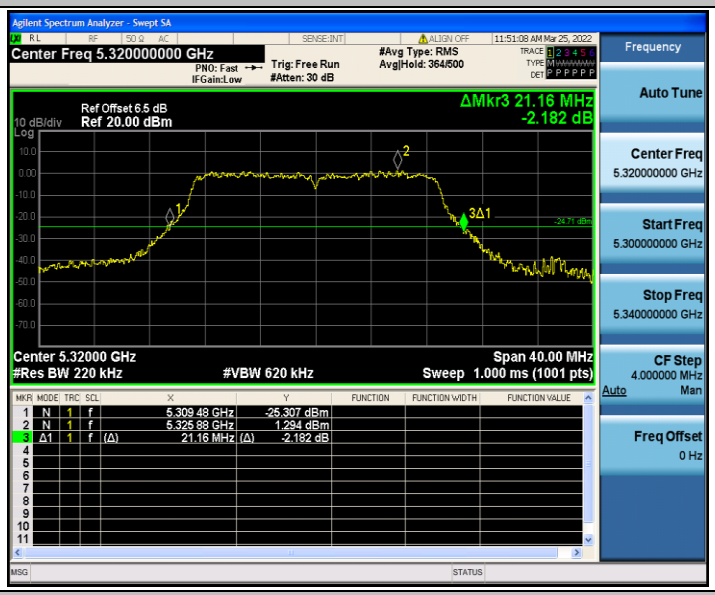

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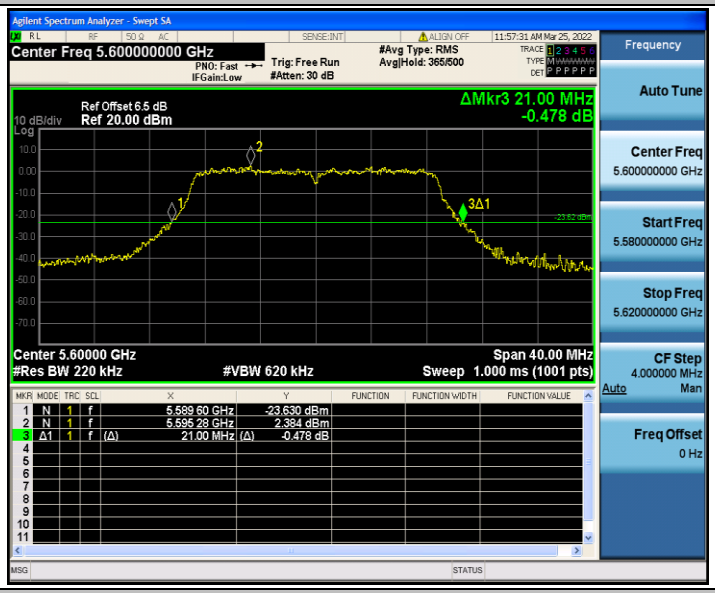

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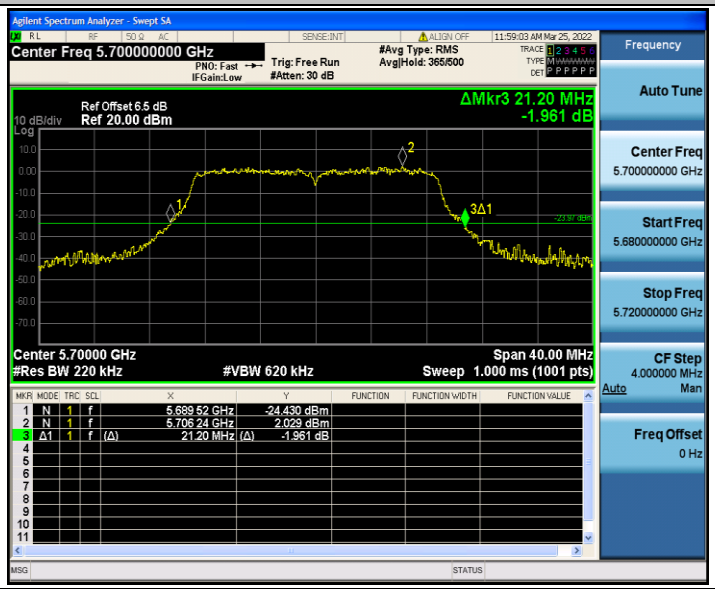

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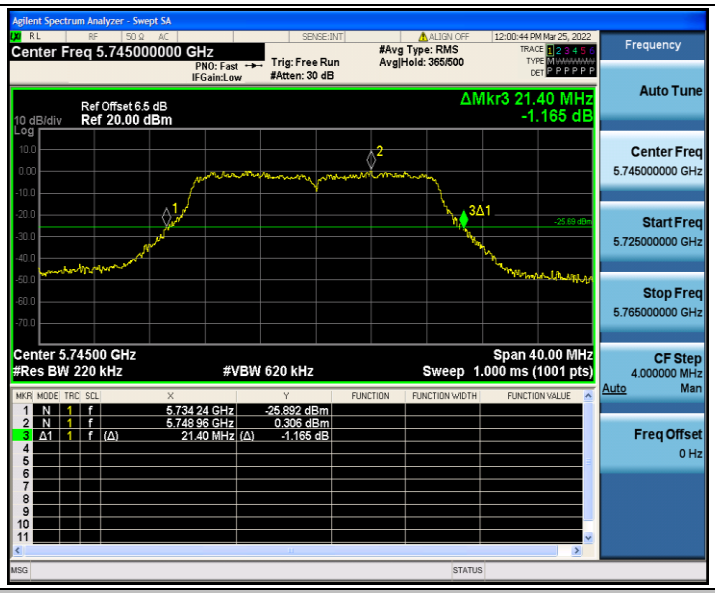

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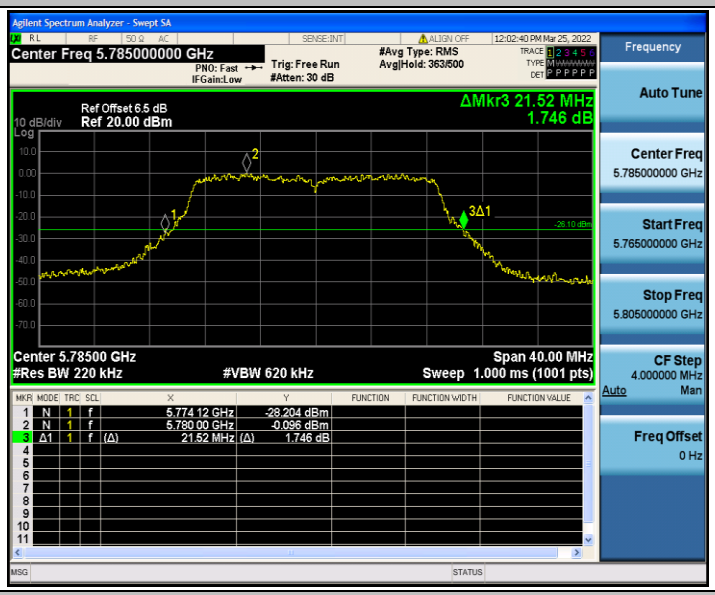

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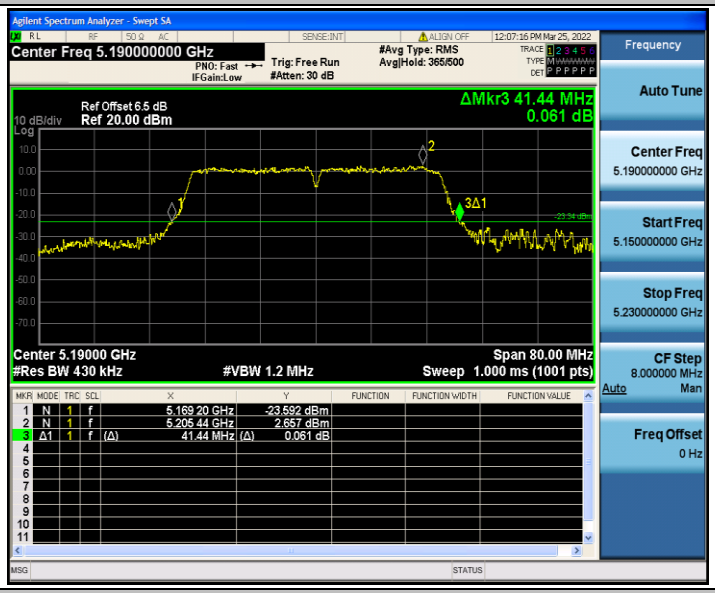

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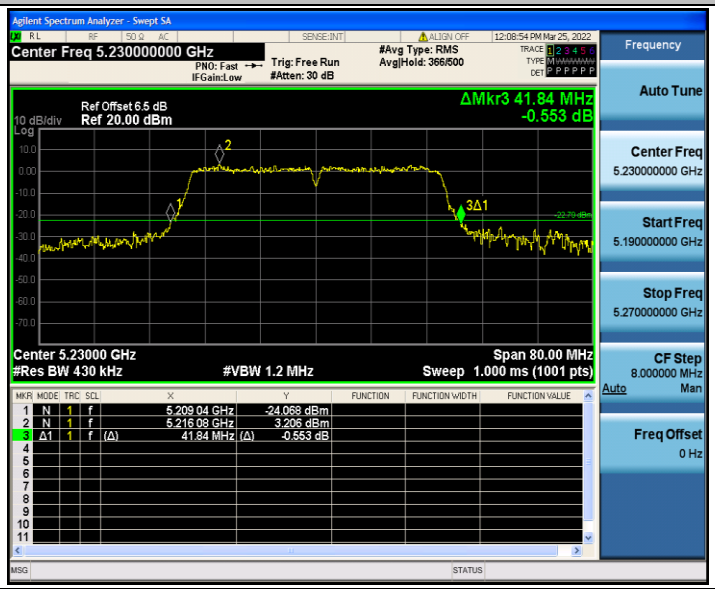

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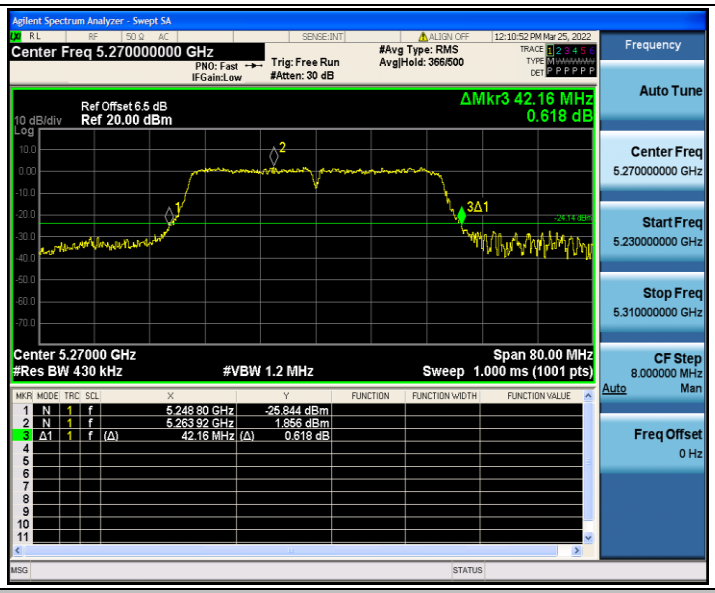

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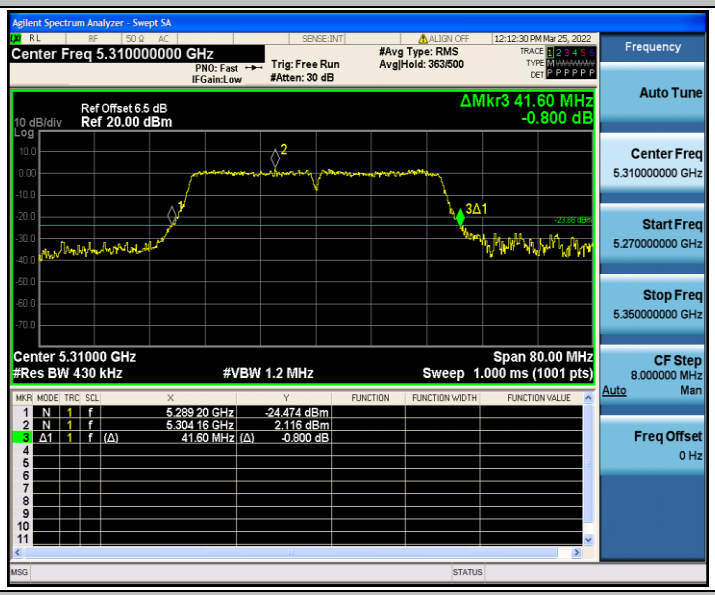

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