



11N40SISO_Ant1_5795



11N40SISO_Ant2_5795



11AC20SISO_Ant1_5180



11AC20SISO_Ant2_5180



11AC20SISO_Ant1_5200



11AC20SISO_Ant2_5200



11AC20SISO_Ant1_5240



11AC20SISO_Ant2_5240



11AC20SISO_Ant1_5745



11AC20SISO_Ant2_5745



11AC20SISO_Ant1_5785



11AC20SISO_Ant2_5785



11AC20SISO_Ant1_5825



11AC20SISO_Ant2_5825



11AC40SISO_Ant1_5190



11AC40SISO_Ant2_5190



11AC40SISO_Ant1_5230



11AC40SISO_Ant2_5230



11AC40SISO_Ant1_5755



11AC40SISO_Ant2_5755



11AC40SISO_Ant1_5795



11AC40SISO_Ant2_5795



11AC80SISO_Ant1_5210



11AC80SISO_Ant2_5210



11AC80SISO_Ant1_5775



11AC80SISO_Ant2_5775

Appendix E: Frequency Stability

Test Result

Voltage								
TestMode	Antenna	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
11A	Ant1	5180	NV	NT	7800	1.505792	20	PASS
			LV	NT	8100	1.563707	20	PASS
			HV	NT	7800	1.505792	20	PASS
	Ant2	5180	NV	NT	-6000	-1.158301	20	PASS
			LV	NT	-7200	-1.389961	20	PASS
			HV	NT	-7800	-1.505792	20	PASS
	Ant1	5745	NV	NT	-17400	-3.028721	20	PASS
			LV	NT	-17700	-3.08094	20	PASS
			HV	NT	-18300	-3.185379	20	PASS
	Ant2	5745	NV	NT	-5700	-0.992167	20	PASS
			LV	NT	-8400	-1.462141	20	PASS
			HV	NT	-9000	-1.56658	20	PASS

Temperature								
TestMode	Antenna	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
11A	Ant1	5180	NV	-30	8100	1.563707	20	PASS
			NV	-20	8100	1.563707	20	PASS
			NV	-10	8100	1.563707	20	PASS
			NV	0	8100	1.563707	20	PASS
			NV	10	7800	1.505792	20	PASS
			NV	20	7800	1.505792	20	PASS
			NV	30	7800	1.505792	20	PASS
			NV	40	7800	1.505792	20	PASS
			NV	50	7800	1.505792	20	PASS
	Ant2	5180	NV	-30	-8100	-1.563707	20	PASS
			NV	-20	-8400	-1.621622	20	PASS
			NV	-10	-8400	-1.621622	20	PASS
			NV	0	-8700	-1.679537	20	PASS
			NV	10	-8700	-1.679537	20	PASS
			NV	20	-8700	-1.679537	20	PASS
			NV	30	-8700	-1.679537	20	PASS
			NV	40	-8700	-1.679537	20	PASS
			NV	50	-8700	-1.679537	20	PASS
	Ant1	5745	NV	-30	-18600	-3.237598	20	PASS
			NV	-20	-18600	-3.237598	20	PASS
			NV	-10	-18600	-3.237598	20	PASS

			NV	0	-18600	-3.237598	20	PASS
			NV	10	-18600	-3.237598	20	PASS
			NV	20	-18300	-3.185379	20	PASS
			NV	30	-17700	-3.08094	20	PASS
			NV	40	-17400	-3.028721	20	PASS
			NV	50	-17400	-3.028721	20	PASS
	Ant2	5745	NV	-30	-9600	-1.671018	20	PASS
			NV	-20	-9300	-1.618799	20	PASS
			NV	-10	-9300	-1.618799	20	PASS
			NV	0	-9000	-1.56658	20	PASS
			NV	10	-9000	-1.56658	20	PASS
			NV	20	-8400	-1.462141	20	PASS
			NV	30	-8100	-1.409922	20	PASS
			NV	40	-7500	-1.305483	20	PASS
			NV	50	-7200	-1.253264	20	PASS

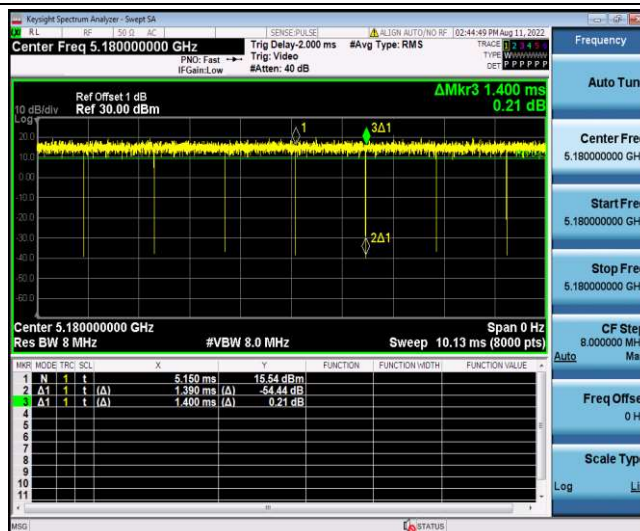
Appendix F: Duty Cycle

Test Result

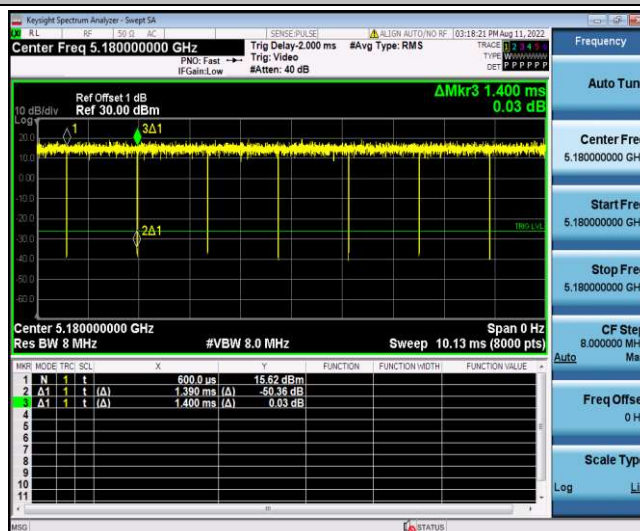
TestMode	Antenna	Channel	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	Limit	Verdict
11A	Ant1	5180	1.39	1.40	99.29	---	PASS
	Ant2	5180	1.39	1.40	99.29	---	PASS
	Ant1	5200	1.39	1.40	99.29	---	PASS
	Ant2	5200	1.39	1.40	99.29	---	PASS
	Ant1	5240	1.39	1.41	98.58	---	PASS
	Ant2	5240	1.39	1.41	98.58	---	PASS
	Ant1	5745	1.39	1.41	98.58	---	PASS
	Ant2	5745	1.39	1.40	99.29	---	PASS
	Ant1	5785	1.40	1.41	99.29	---	PASS
	Ant2	5785	1.39	1.40	99.29	---	PASS
	Ant1	5825	1.39	1.40	99.29	---	PASS
	Ant2	5825	1.39	1.40	99.29	---	PASS
11N20SISO	Ant1	5180	1.30	1.31	99.24	---	PASS
	Ant2	5180	1.30	1.31	99.24	---	PASS
	Ant1	5200	1.30	1.31	99.24	---	PASS
	Ant2	5200	1.30	1.31	99.24	---	PASS
	Ant1	5240	1.29	1.31	98.47	---	PASS
	Ant2	5240	1.30	1.31	99.24	---	PASS
	Ant1	5745	1.30	1.32	98.48	---	PASS
	Ant2	5745	1.30	1.31	99.24	---	PASS
	Ant1	5785	1.30	1.31	99.24	---	PASS
	Ant2	5785	1.30	1.31	99.24	---	PASS
	Ant1	5825	1.30	1.31	99.24	---	PASS
	Ant2	5825	1.30	1.31	99.24	---	PASS
11N40SISO	Ant1	5190	0.65	0.66	98.48	---	PASS
	Ant2	5190	0.65	0.66	98.48	---	PASS
	Ant1	5230	0.64	0.66	96.97	---	PASS
	Ant2	5230	0.65	0.66	98.48	---	PASS
	Ant1	5755	0.65	0.66	98.48	---	PASS
	Ant2	5755	0.65	0.66	98.48	---	PASS
	Ant1	5795	0.65	0.66	98.48	---	PASS
	Ant2	5795	0.65	0.66	98.48	---	PASS
11AC20SISO	Ant1	5180	1.31	1.33	98.50	---	PASS
	Ant2	5180	1.31	1.32	99.24	---	PASS
	Ant1	5200	1.31	1.32	99.24	---	PASS
	Ant2	5200	1.31	1.32	99.24	---	PASS
	Ant1	5240	1.31	1.32	99.24	---	PASS

	Ant2	5240	1.31	1.32	99.24	---	PASS
	Ant1	5745	1.31	1.32	99.24	---	PASS
	Ant2	5745	1.31	1.32	99.24	---	PASS
	Ant1	5785	1.31	1.32	99.24	---	PASS
	Ant2	5785	1.31	1.32	99.24	---	PASS
	Ant1	5825	1.31	1.33	98.50	---	PASS
	Ant2	5825	1.31	1.32	99.24	---	PASS
11AC40SISO	Ant1	5190	0.65	0.66	98.48	---	PASS
	Ant2	5190	0.65	0.66	98.48	---	PASS
	Ant1	5230	0.65	0.67	97.01	---	PASS
	Ant2	5230	0.65	0.66	98.48	---	PASS
	Ant1	5755	0.65	0.66	98.48	---	PASS
	Ant2	5755	0.65	0.66	98.48	---	PASS
	Ant1	5795	0.65	0.66	98.48	---	PASS
	Ant2	5795	0.65	0.66	98.48	---	PASS
11AC80SISO	Ant1	5210	0.32	0.33	96.97	---	PASS
	Ant2	5210	0.32	0.33	96.97	---	PASS
	Ant1	5775	0.32	0.34	94.12	---	PASS
	Ant2	5775	0.32	0.34	94.12	---	PASS

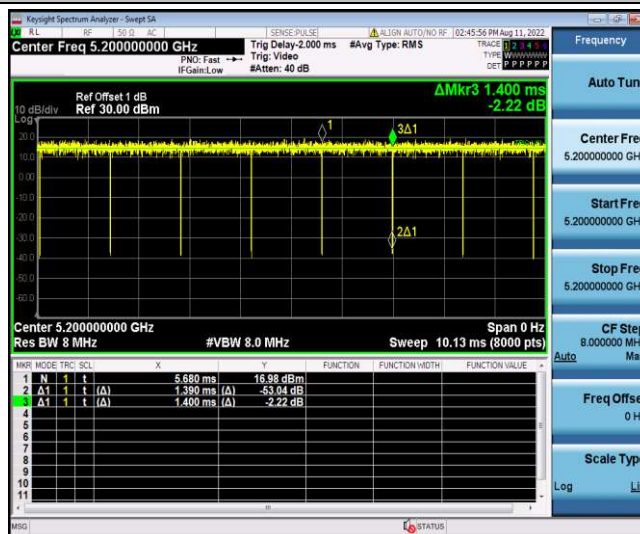
Test Graphs



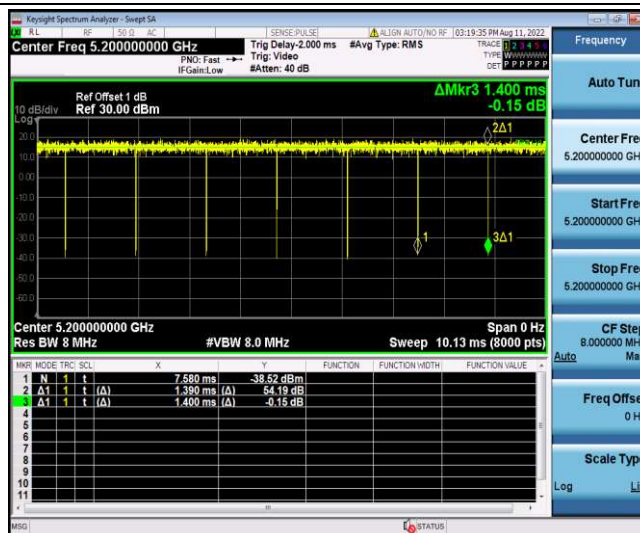
11A_Ant1_5180



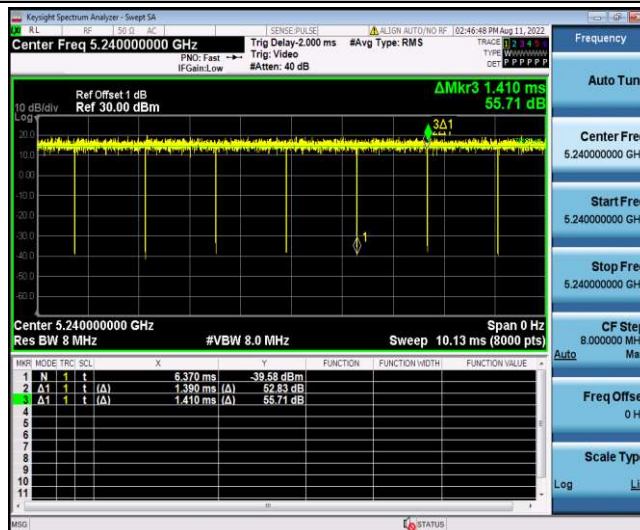
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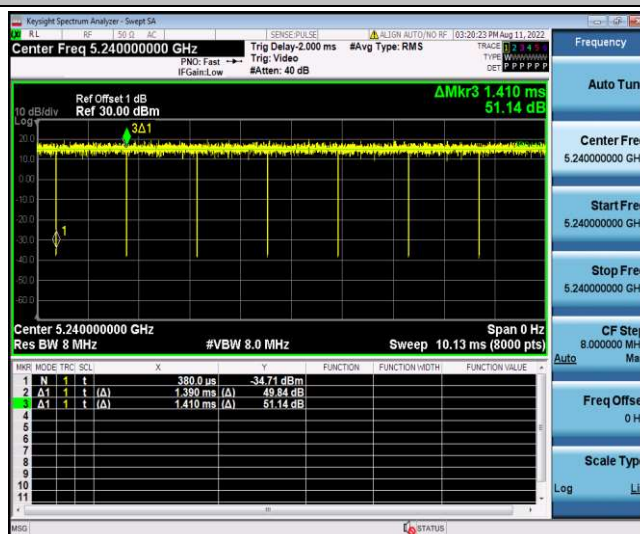
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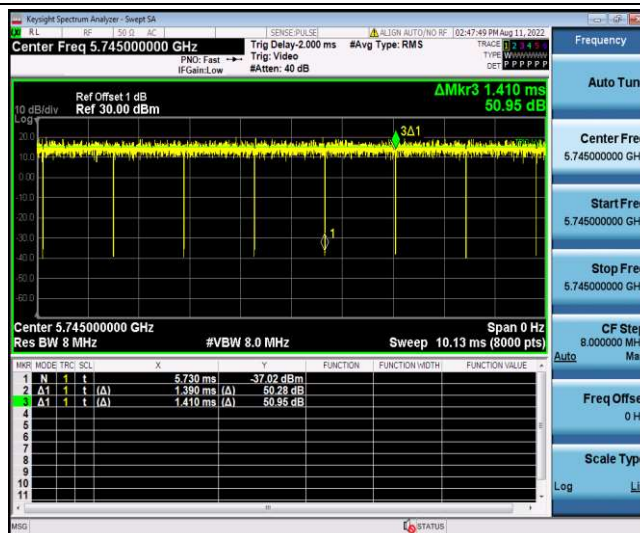
11A_Ant2_5200



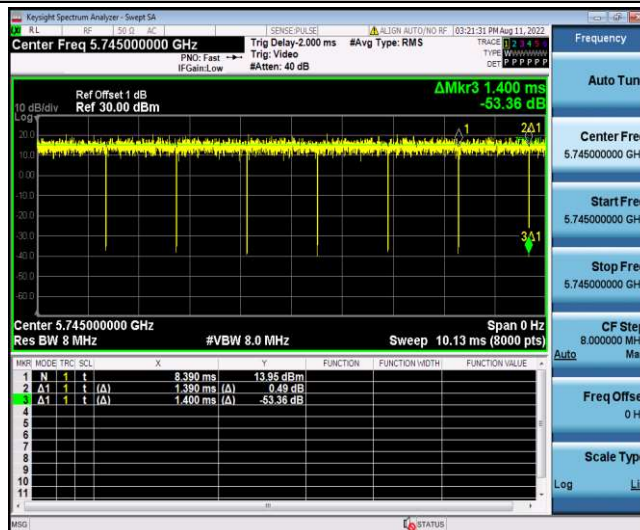
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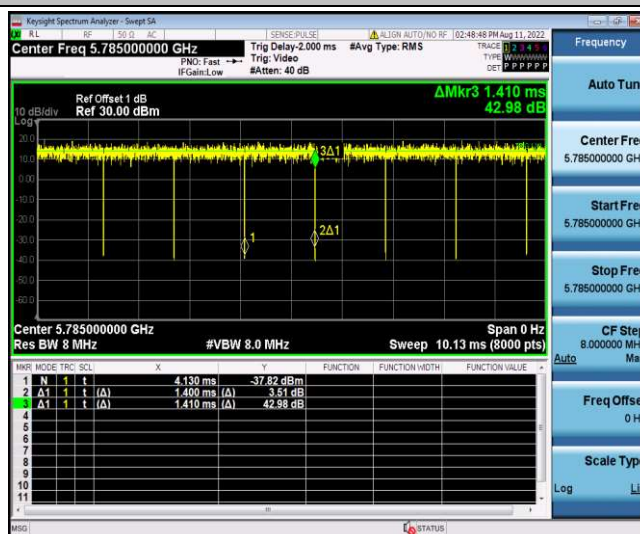
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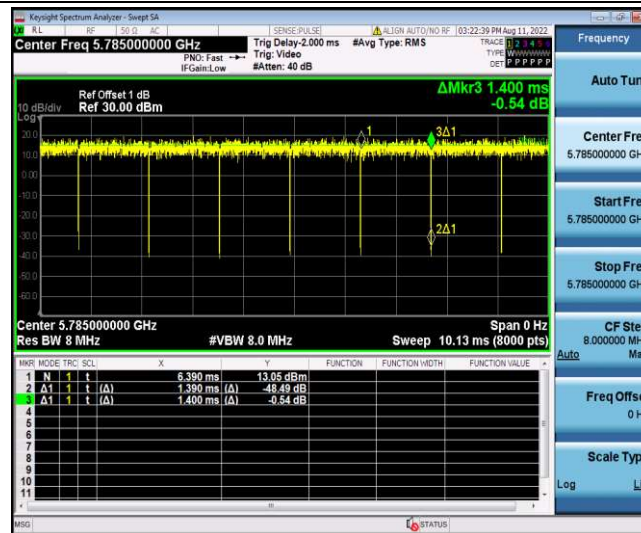
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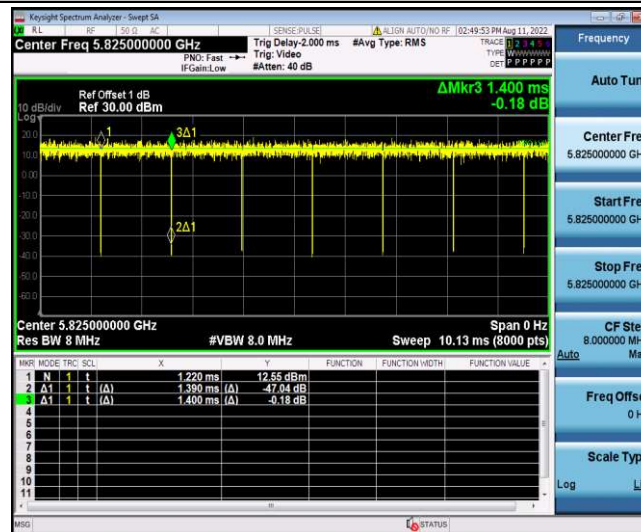
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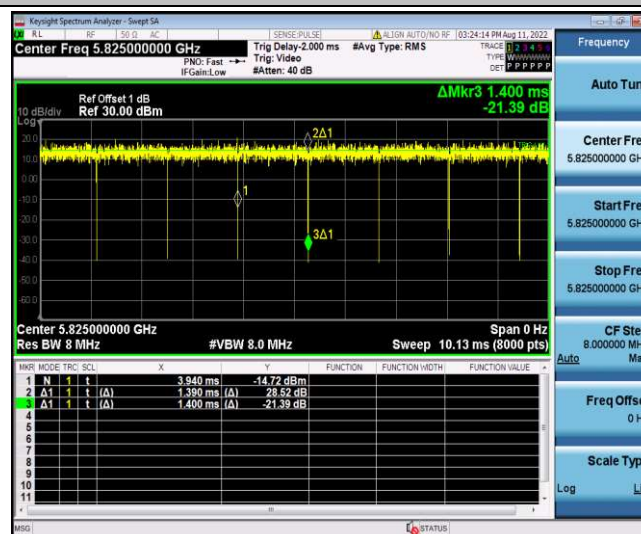
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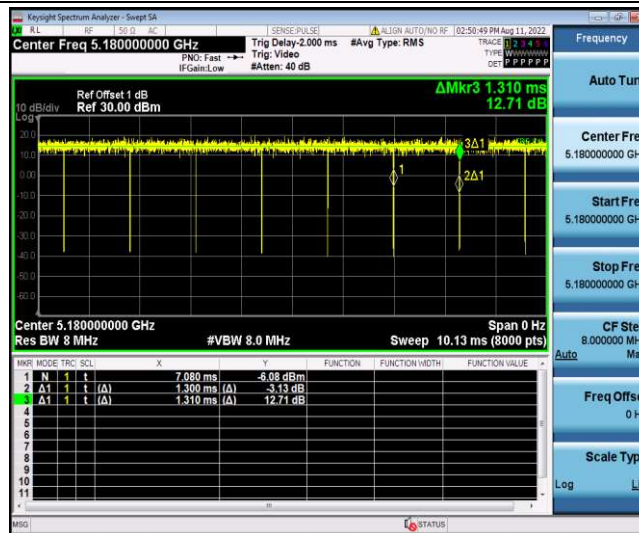
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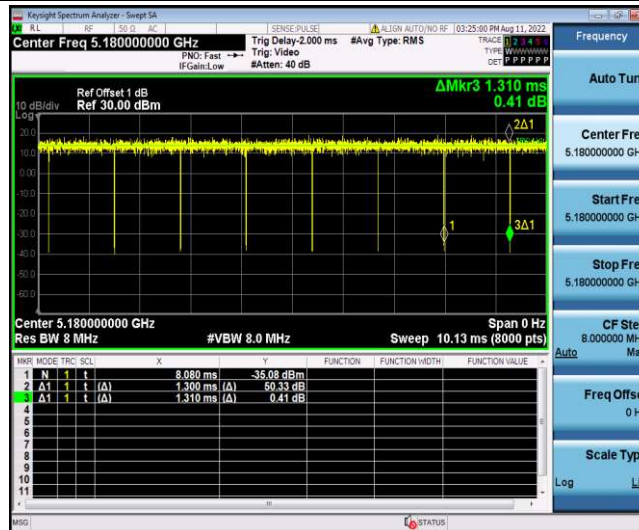
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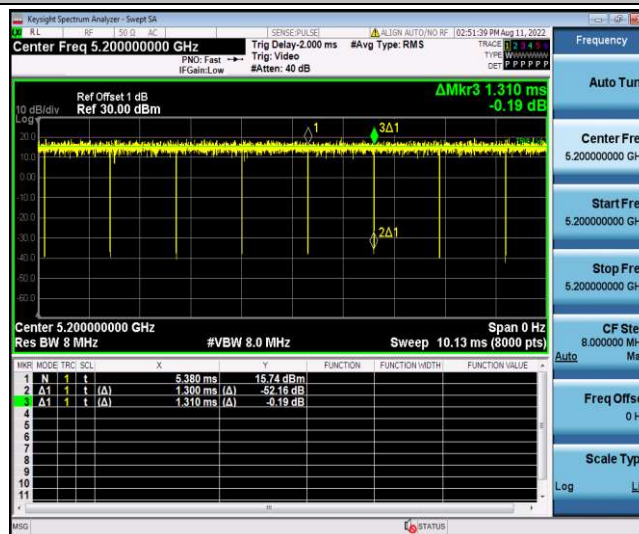
11A_Ant2_5825



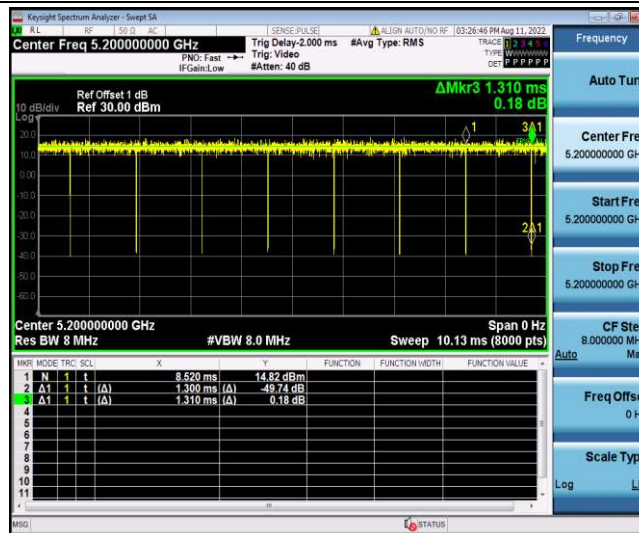
11N20SISO_Ant1_5180



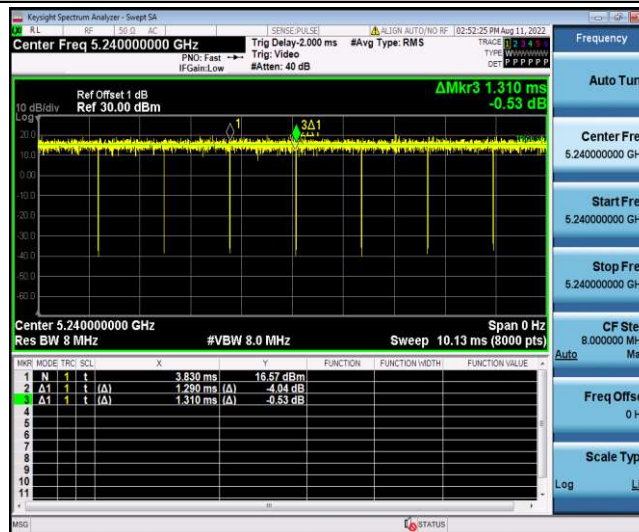
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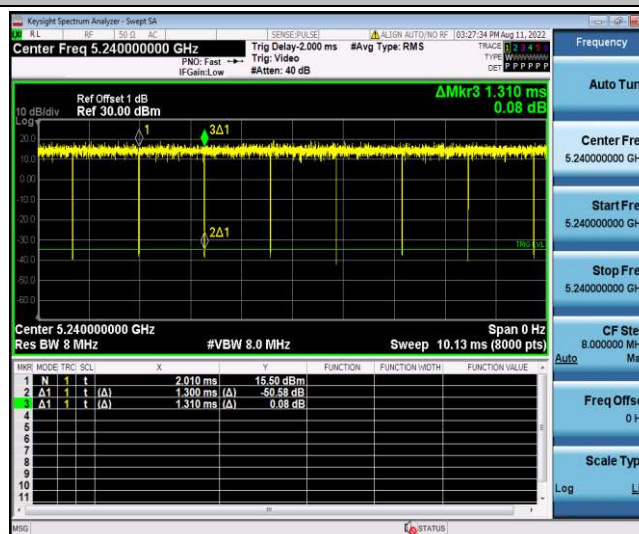
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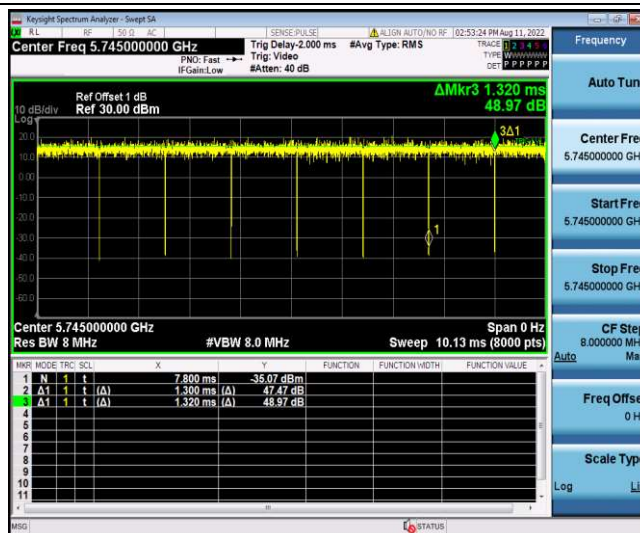
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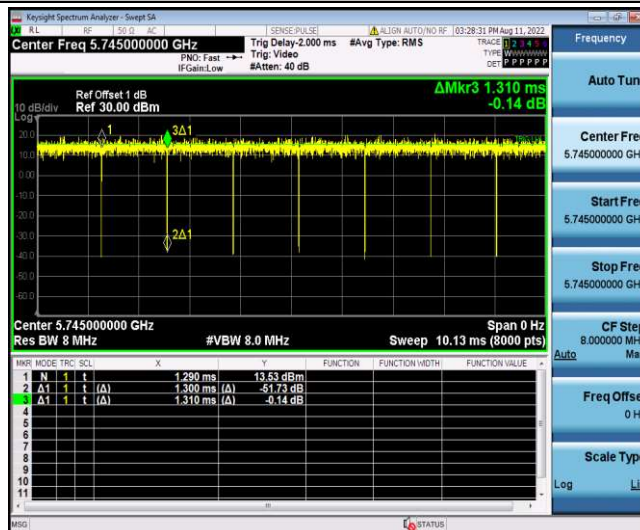
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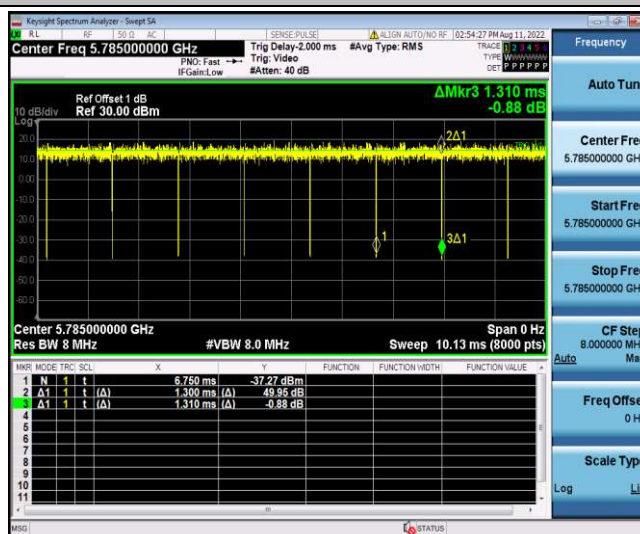
11N20SISO_Ant2_5240



11N20SISO_Ant1_5745



11N20SISO_Ant2_5745



11N20SISO_Ant1_5785

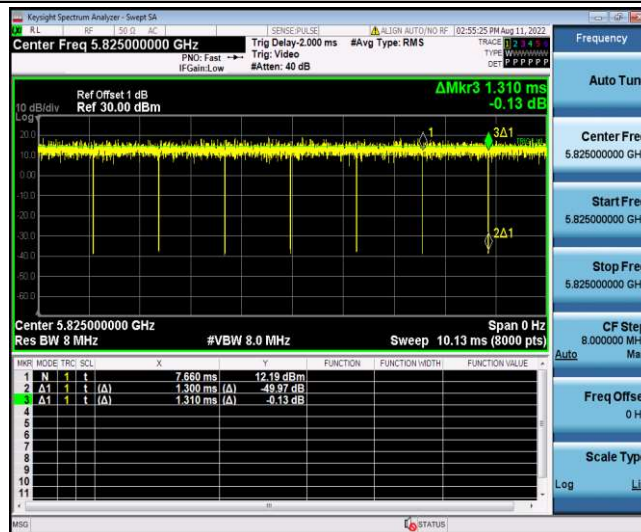
Keysight Spectrum Analyzer - Sweep SA

Center Freq 5.825000000 GHz

Trig Delay 2.000 ms

#Avg Type: RMS

Frequency



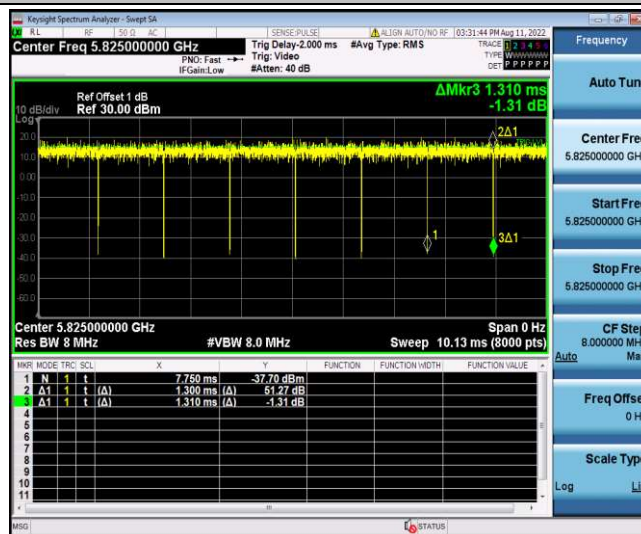
Keysight Spectrum Analyzer - Sweep SA

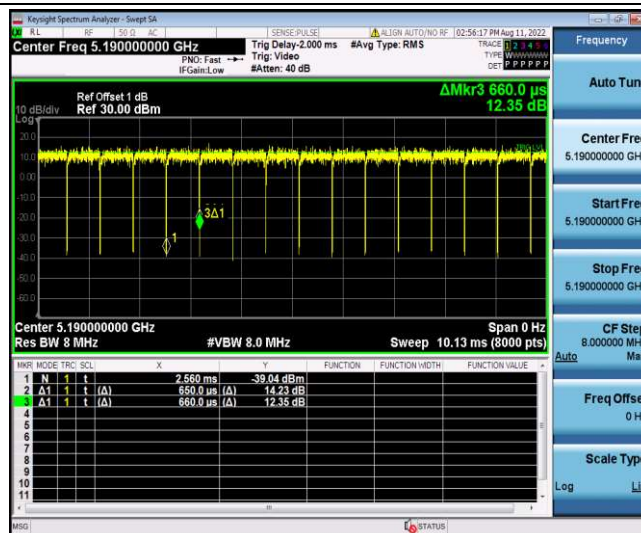
Center Freq 5.825000000 GHz

Trig Delay 2.000 ms

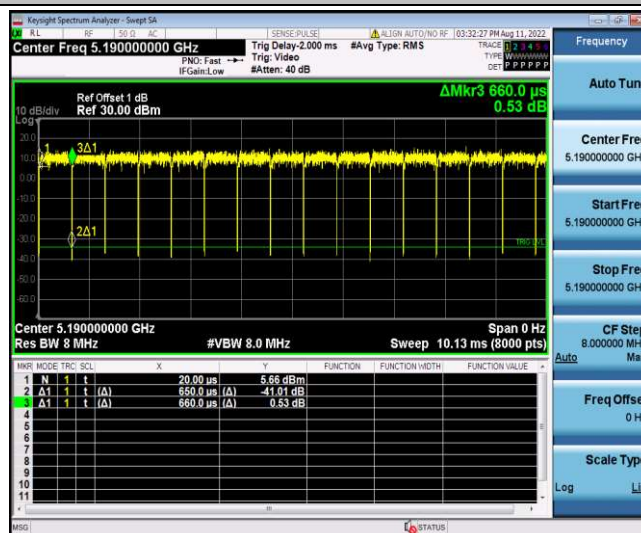
#Avg Type: RMS

Frequency

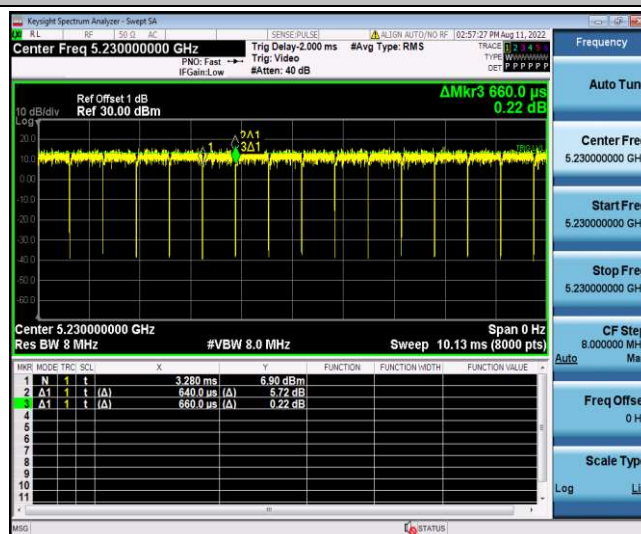




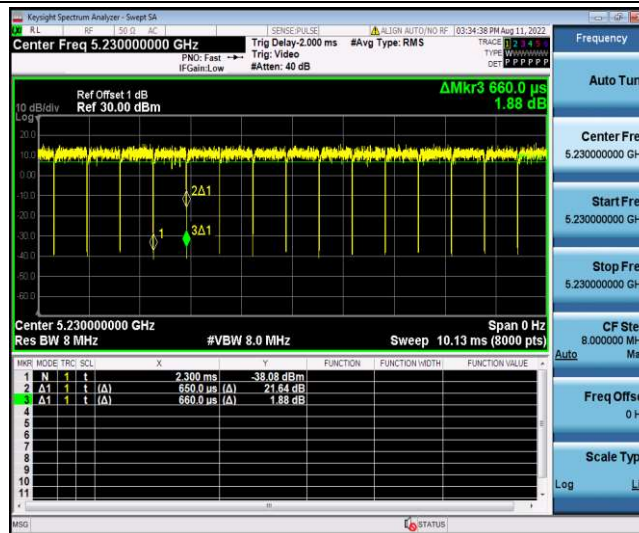
11N40SISO_Ant1_5190



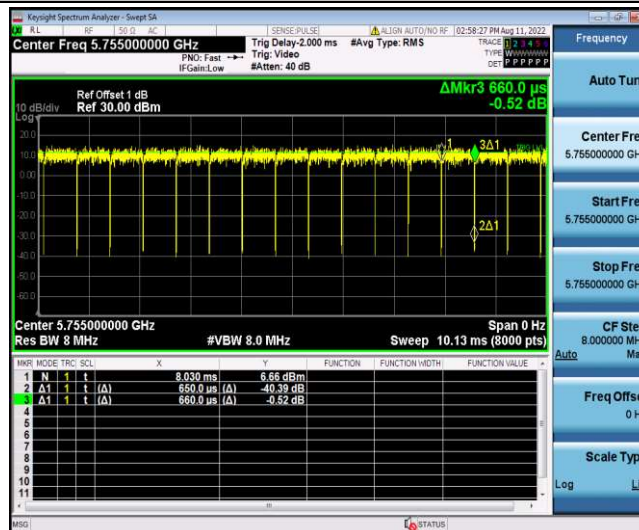
11N40SISO_Ant2_5190



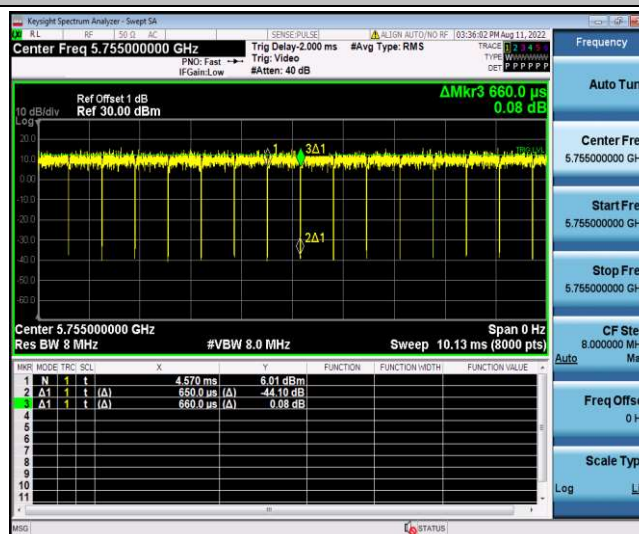
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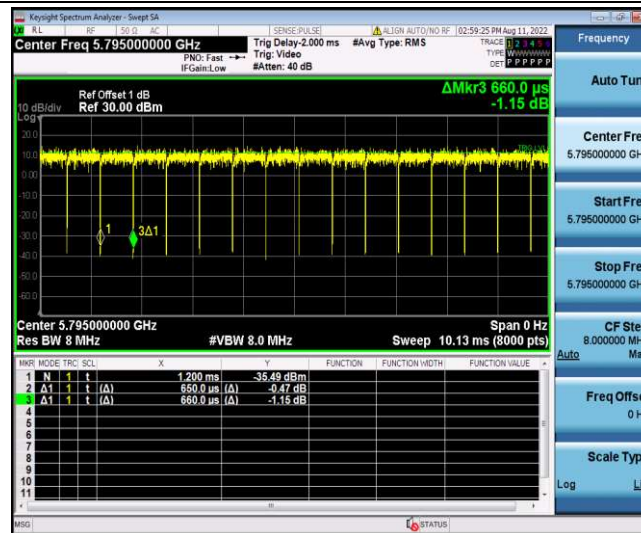
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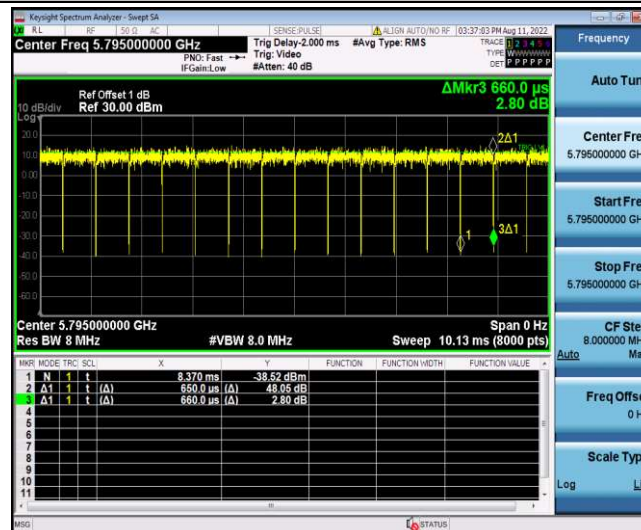
11N40SISO_Ant1_5755



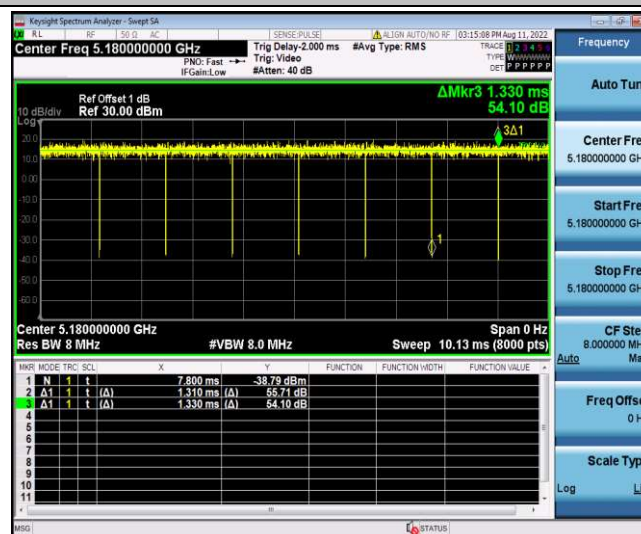
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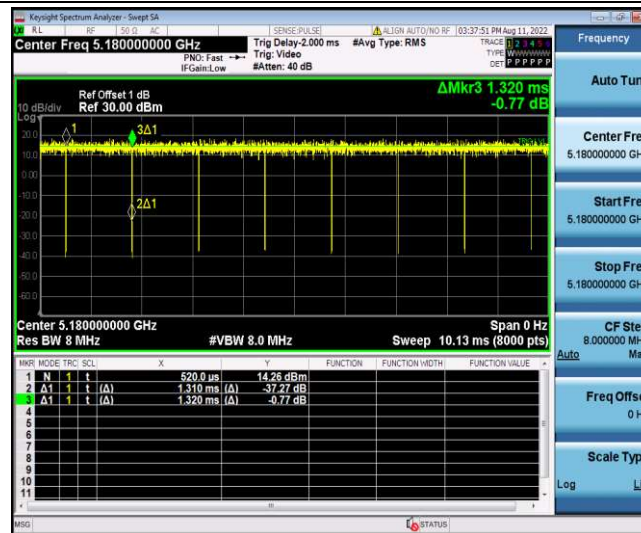
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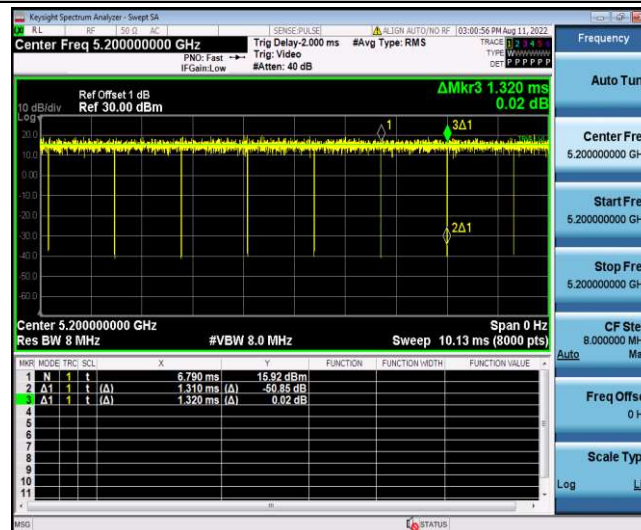
11N40SISO_Ant2_5795



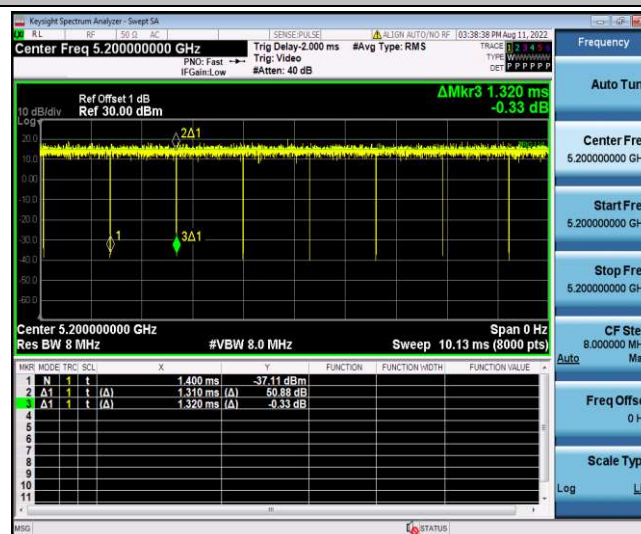
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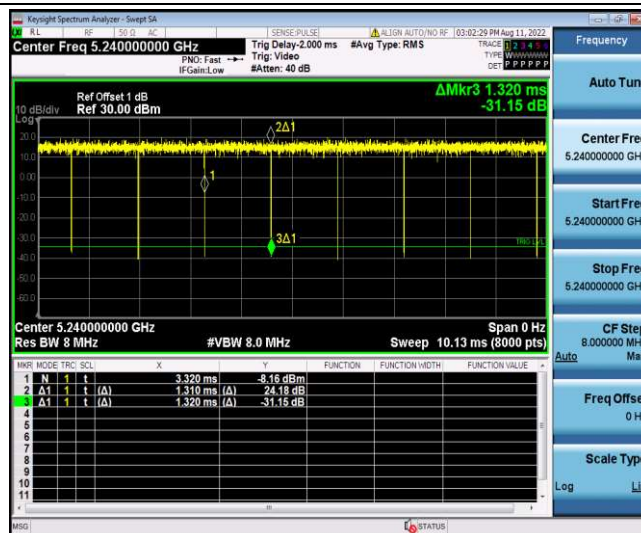
11AC20SISO_Ant2_5180



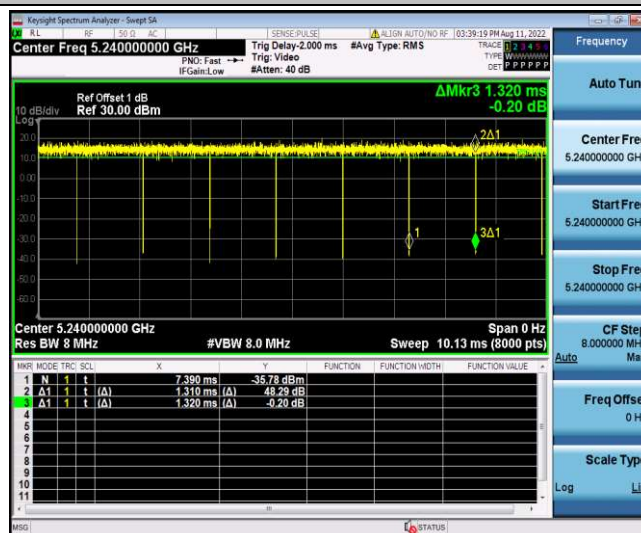
11AC20SISO_Ant1_5200



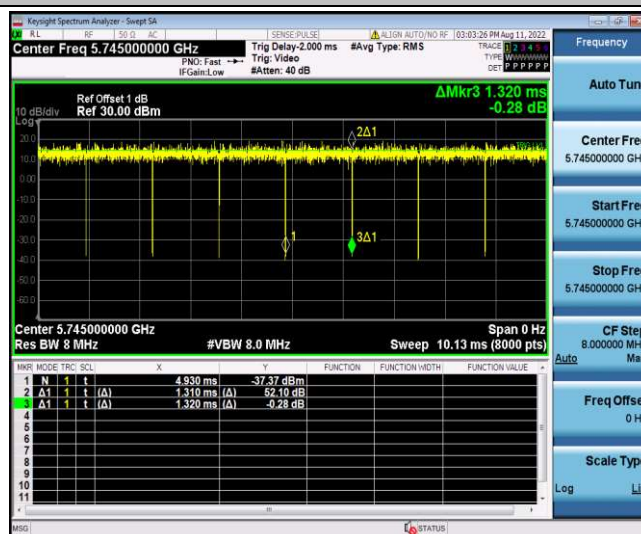
11AC20SISO_Ant2_5200



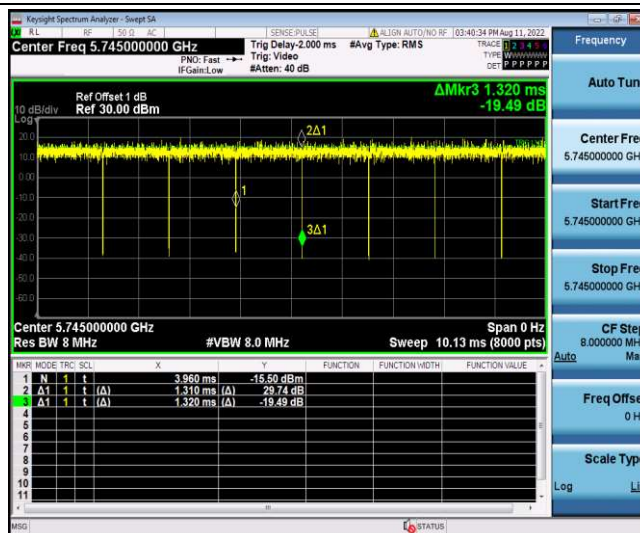
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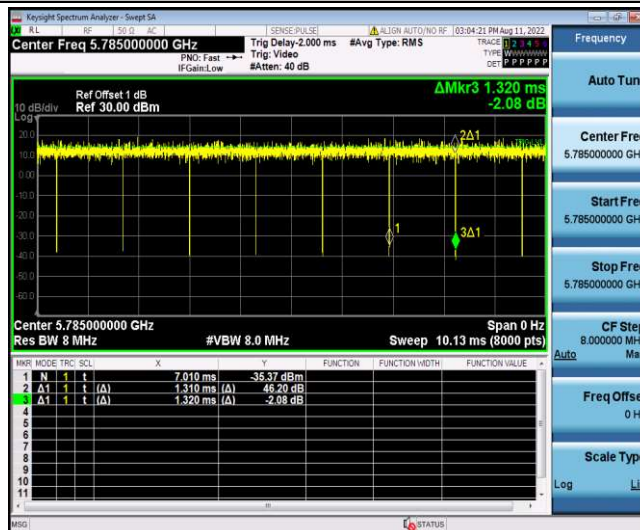
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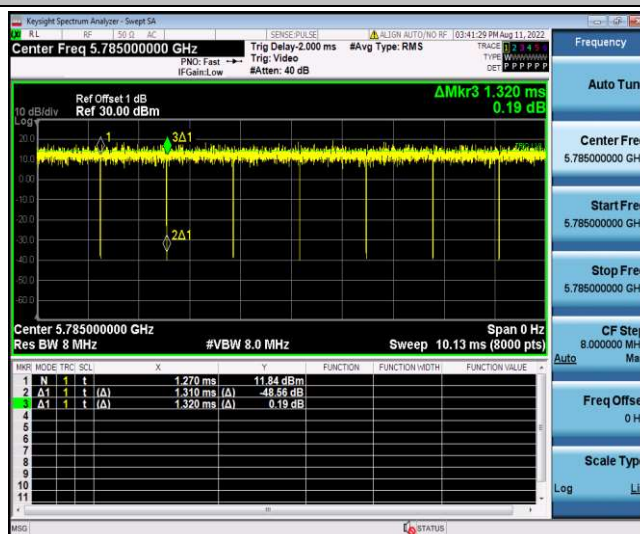
11AC20SISO_Ant1_5745



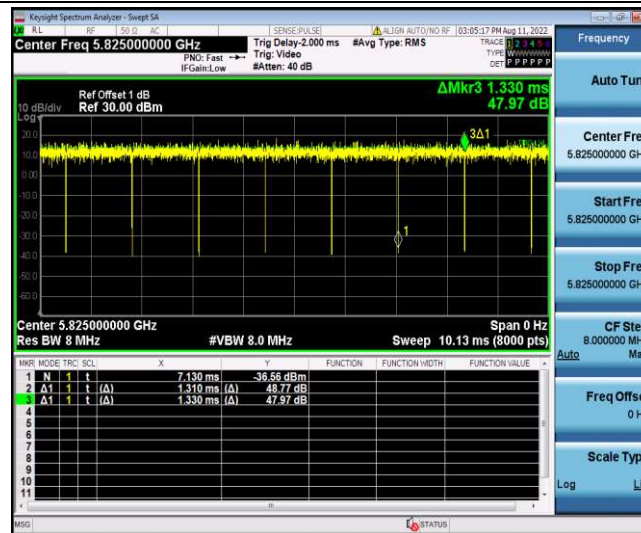
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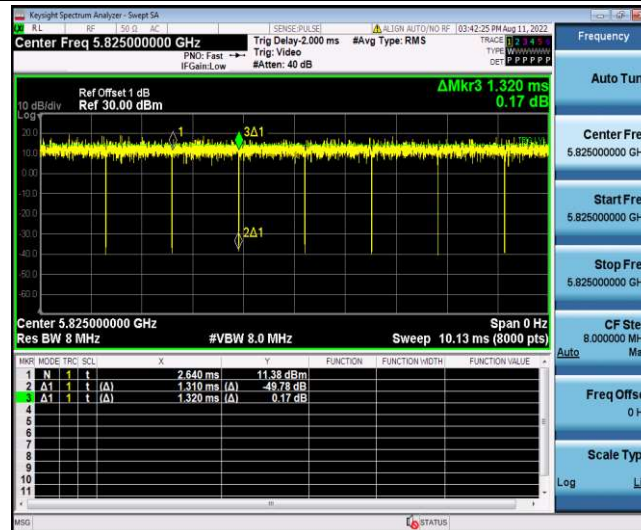
11AC20SISO_Ant1_5785



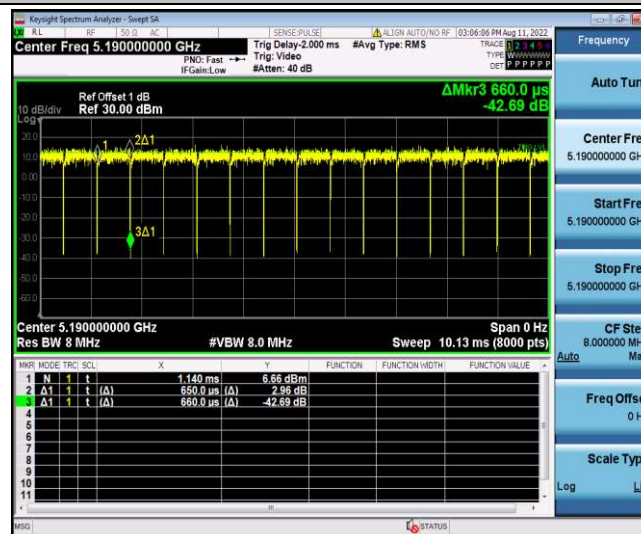
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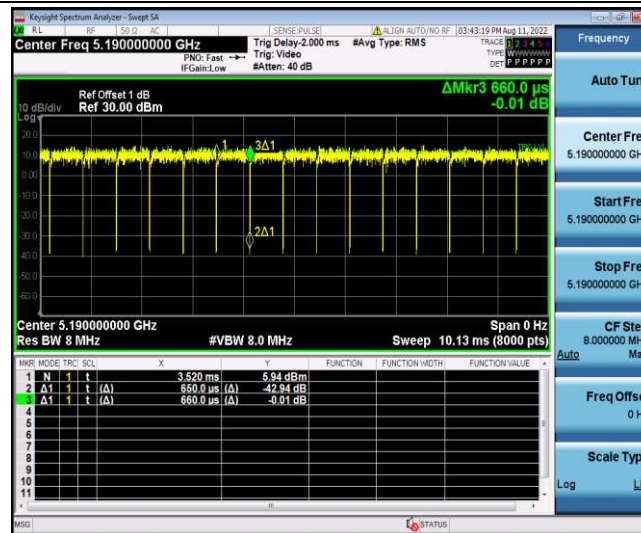
11AC20SISO_Ant1_5825



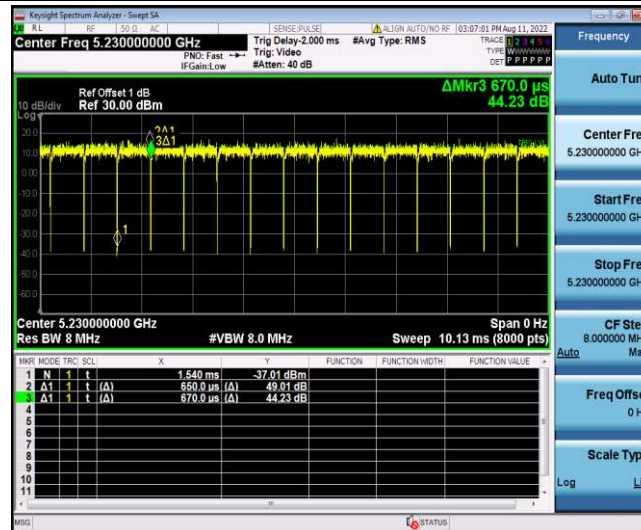
11AC20SISO_Ant2_5825



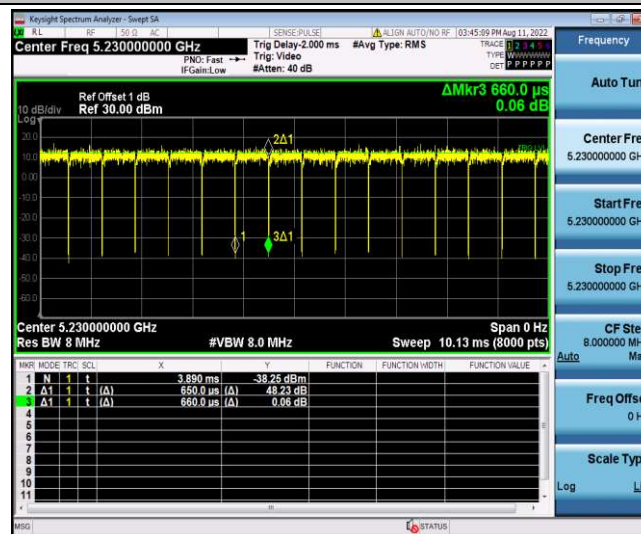
11AC40SISO_Ant1_5190



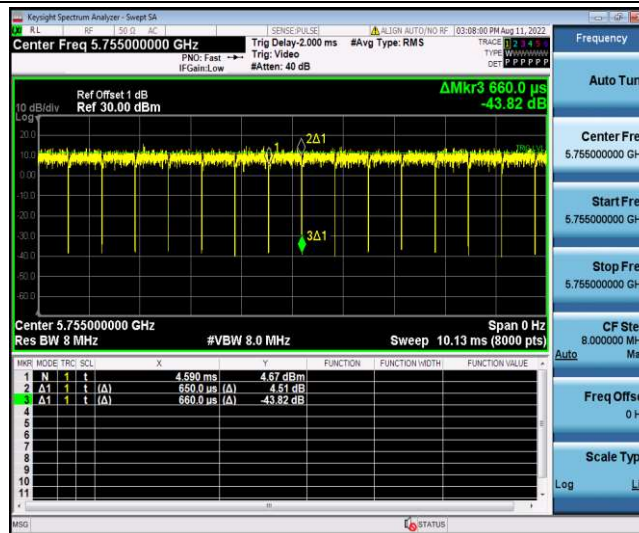
11AC40SISO_Ant2_5190



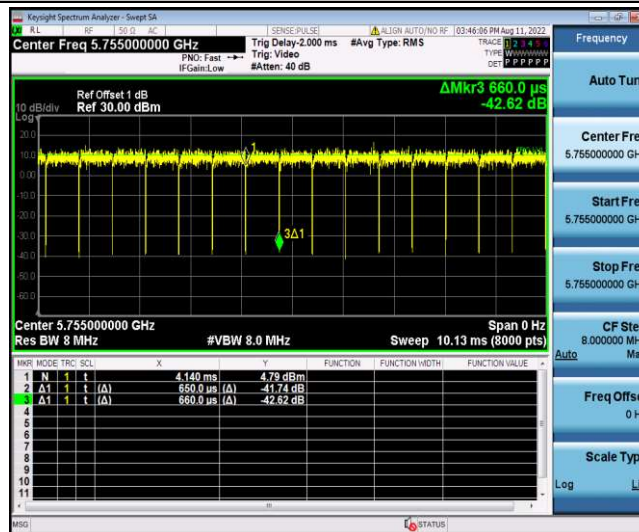
11AC40SISO_Ant1_5230



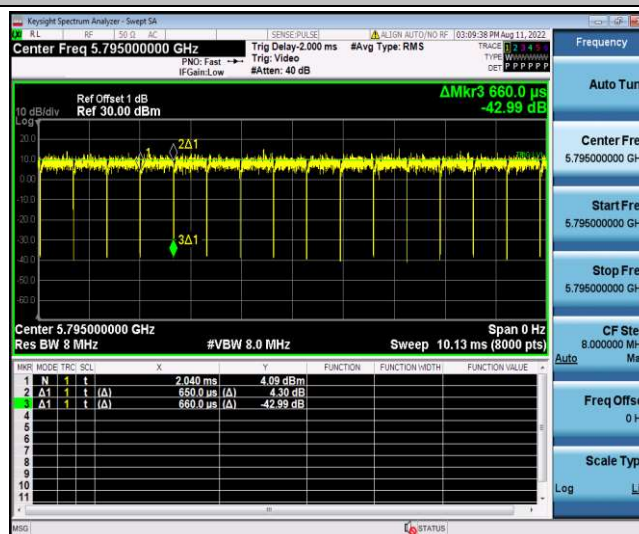
11AC40SISO_Ant2_5230



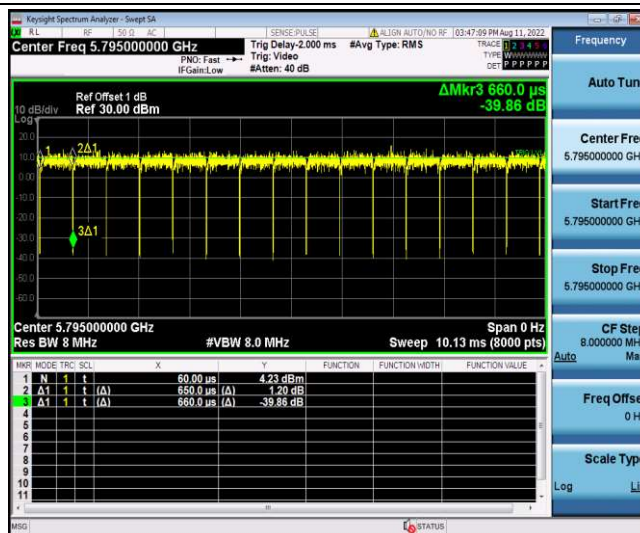
11AC40SISO_Ant1_5755



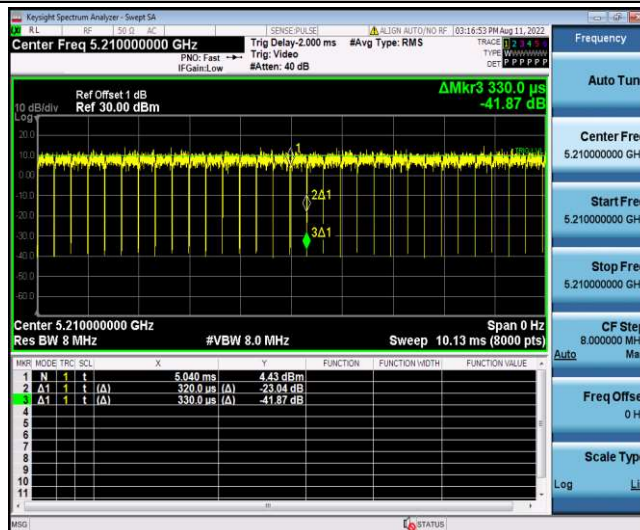
11AC40SISO_Ant2_5755



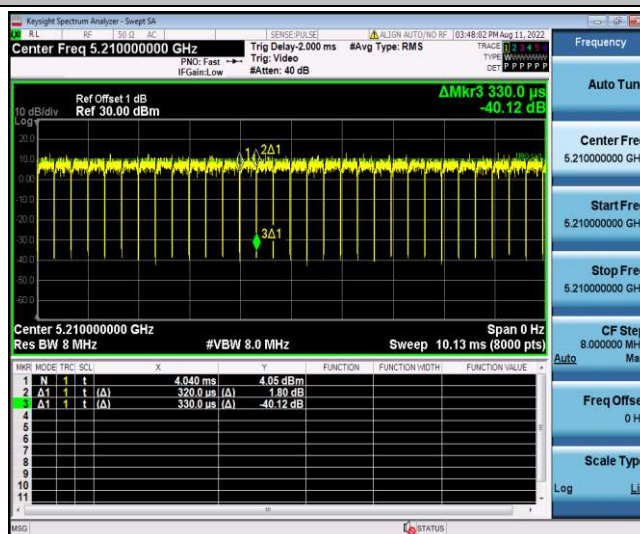
11AC40SISO_Ant1_5795



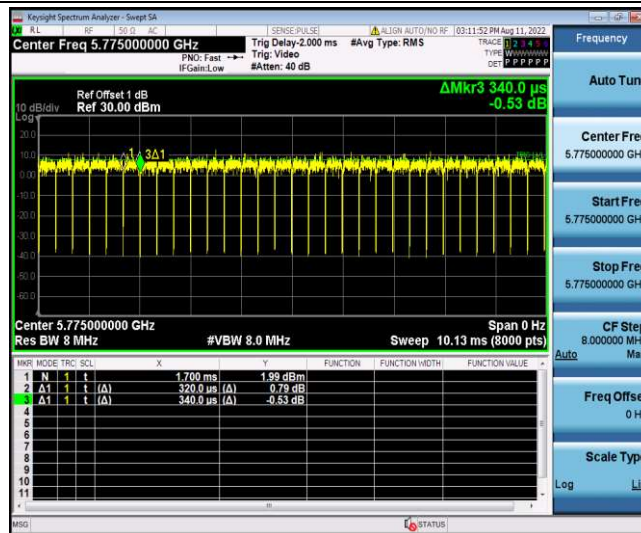
11AC40SISO_Ant2_5795



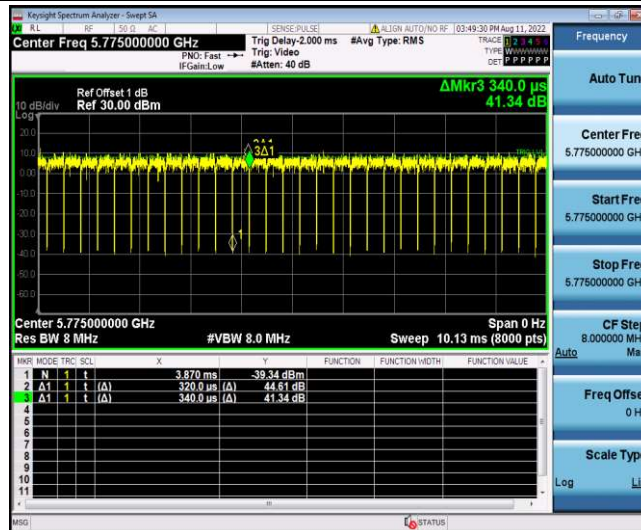
11AC80SISO_Ant1_5210



11AC80SISO_Ant2_5210



11AC80SISO_Ant1_5775



11AC80SISO_Ant2_5775

***** End *****