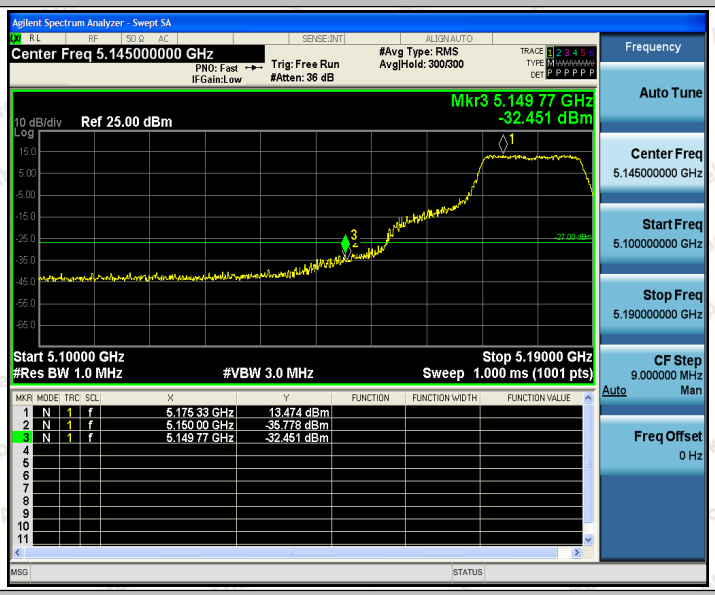
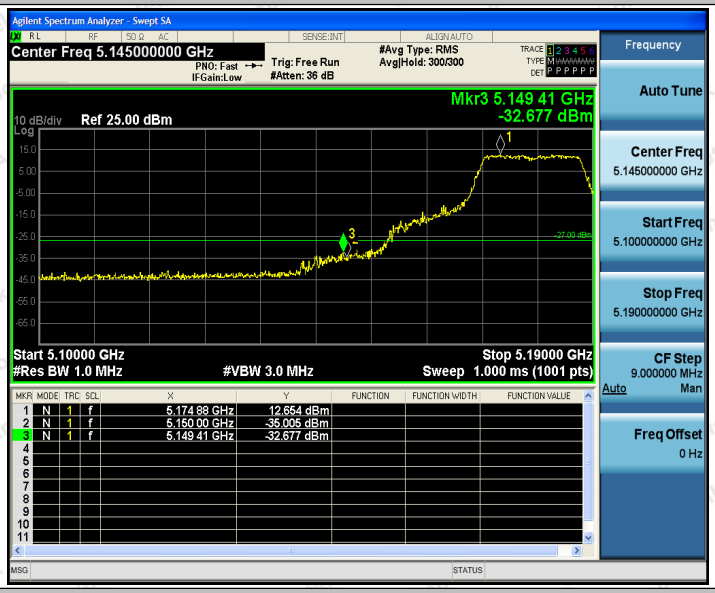
Test Graphs

11A_Ant1_Low_5180



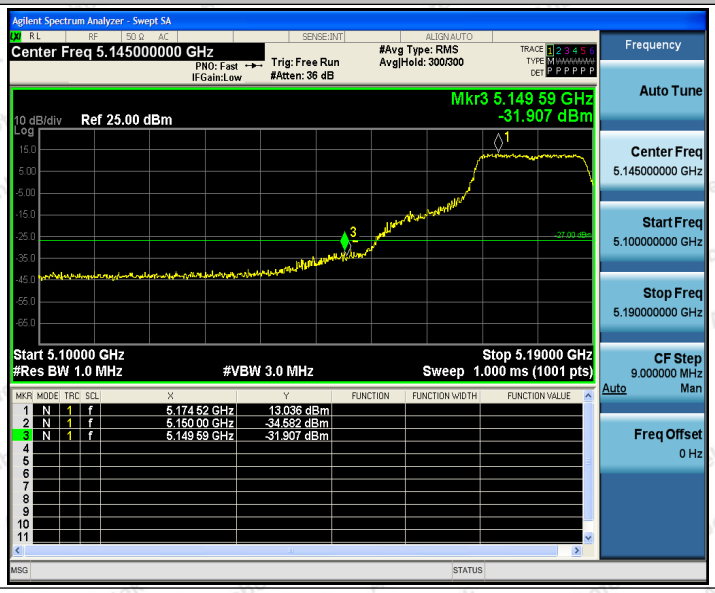
11A_Ant2_Low_5180



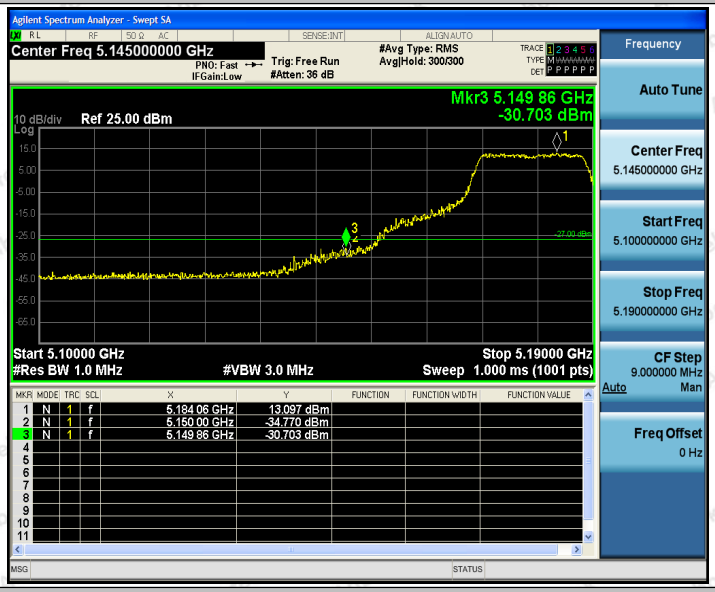
11A_Ant1_High_5240

11A_Ant2_High_5240

11N20SISO_Ant1_Low_5180



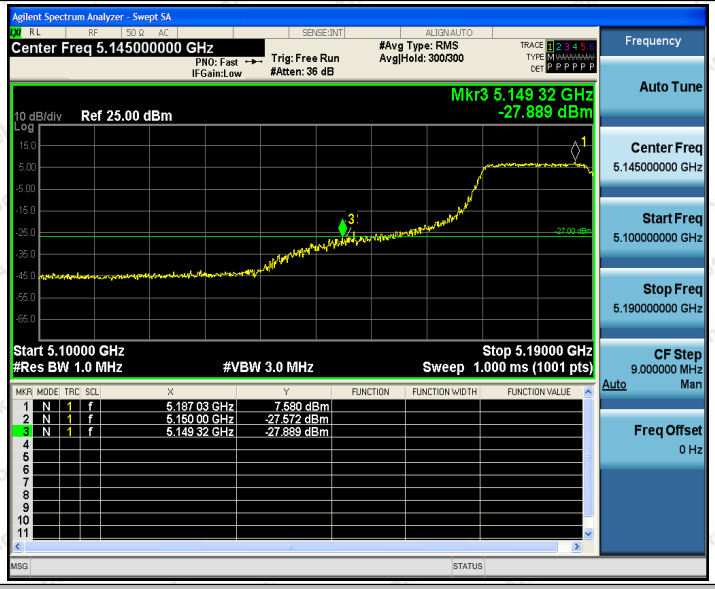
11N20SISO_Ant2_Low_5180



11N20SISO_Ant1_High_5240

11N20SISO_Ant2_High_5240

11N40SISO_Ant1_Low_5190



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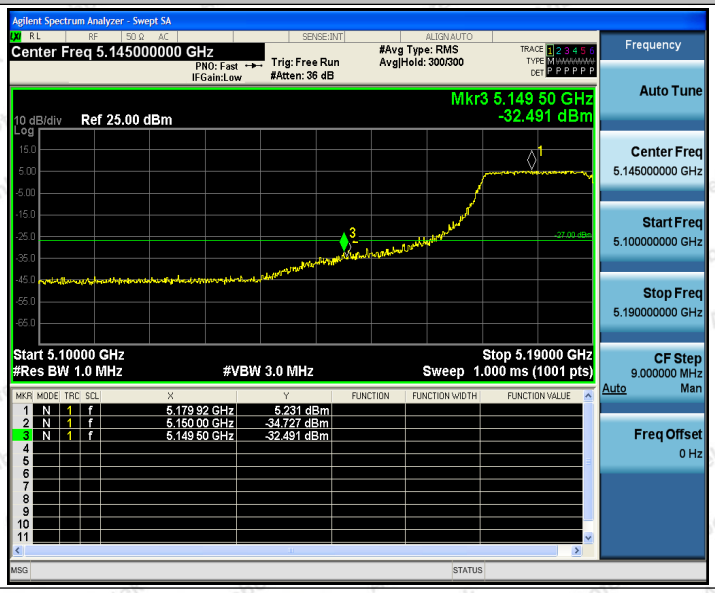
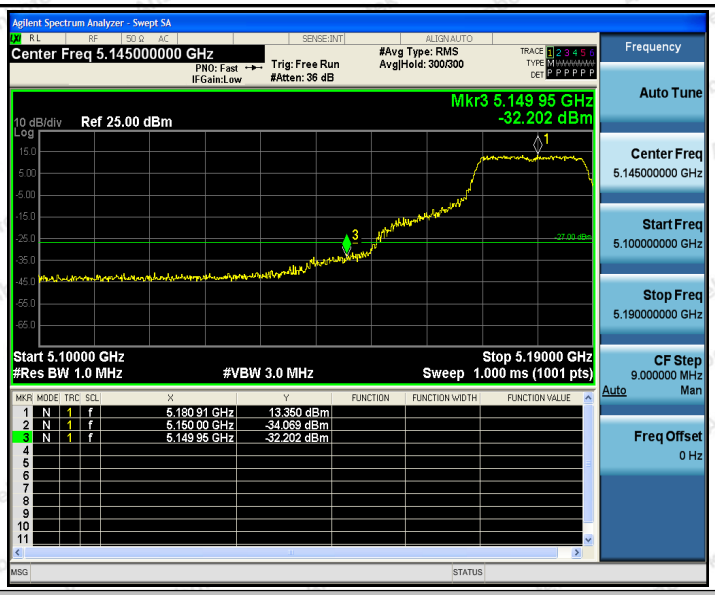


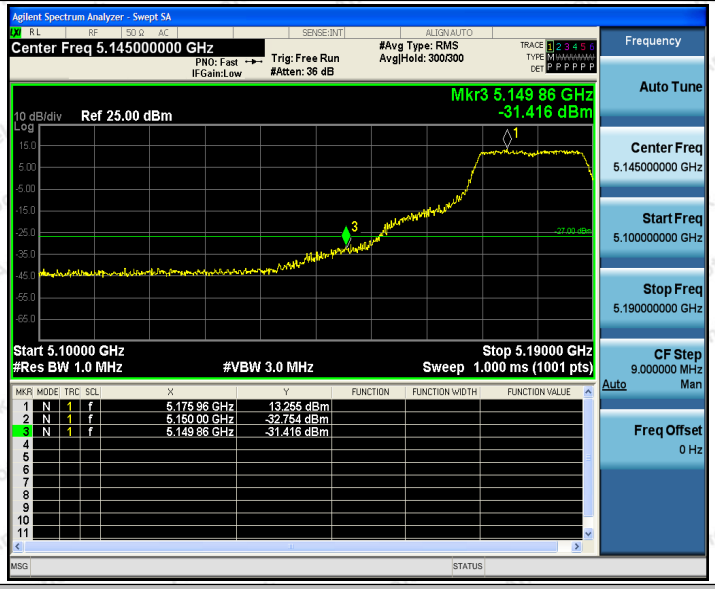
11N40SISO_Ant1_High_5230

11N40SISO_Ant2_High_5230

11AC20SISO_Ant1_Low_5180

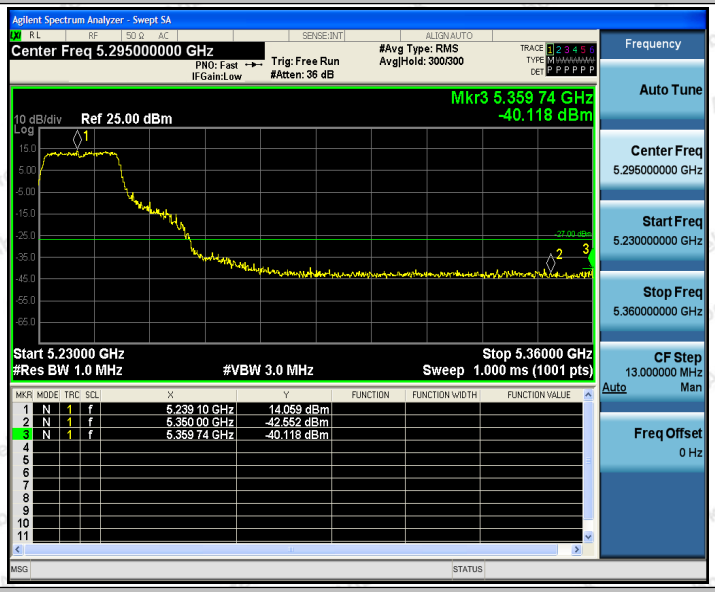


11AC20SISO_Ant2_Low_5180

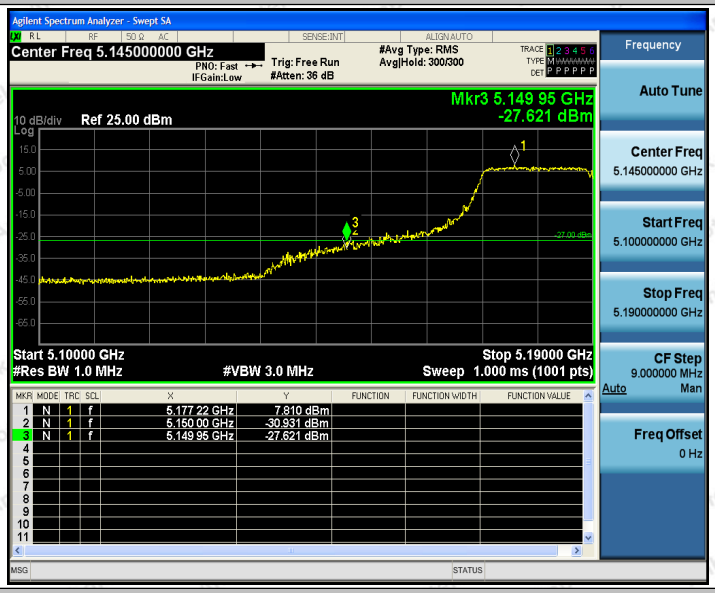


11AC20SISO_Ant1_High_5240

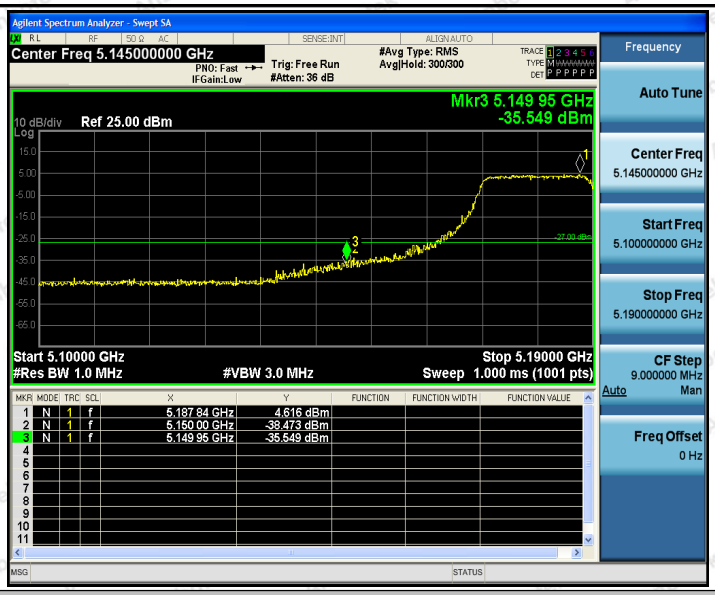
11AC20SISO_Ant2_High_5240



11AC40SISO_Ant1_Low_5190

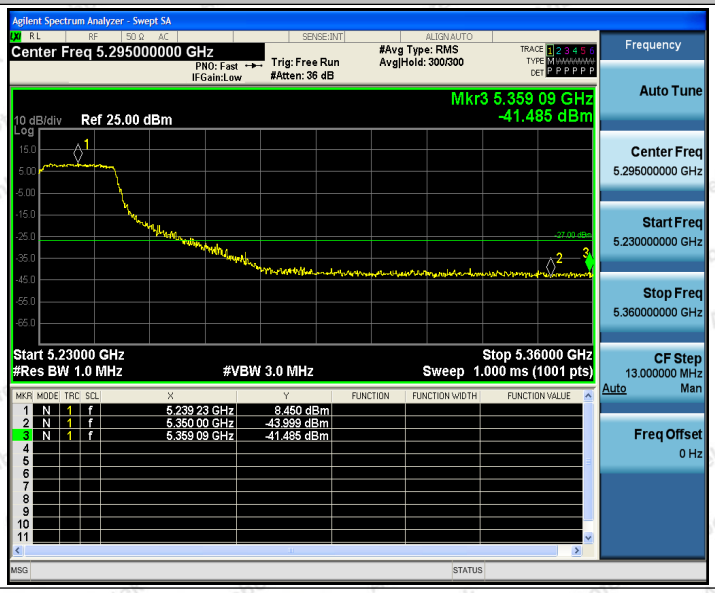


11AC40SISO_Ant2_Low_5190



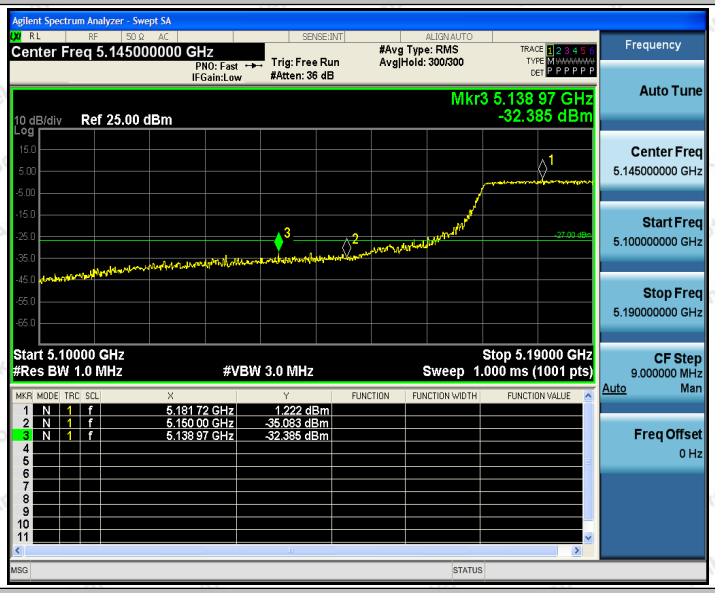
11AC40SISO_Ant1_High_5230

11AC40SISO_Ant2_High_5230



11AC80SISO_Ant1_Low_5210

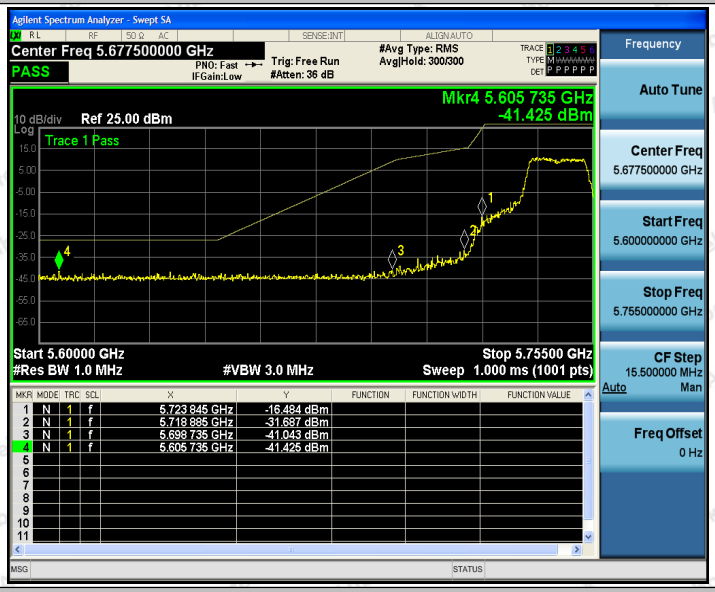
11AC80SISO_Ant2_Low_5210



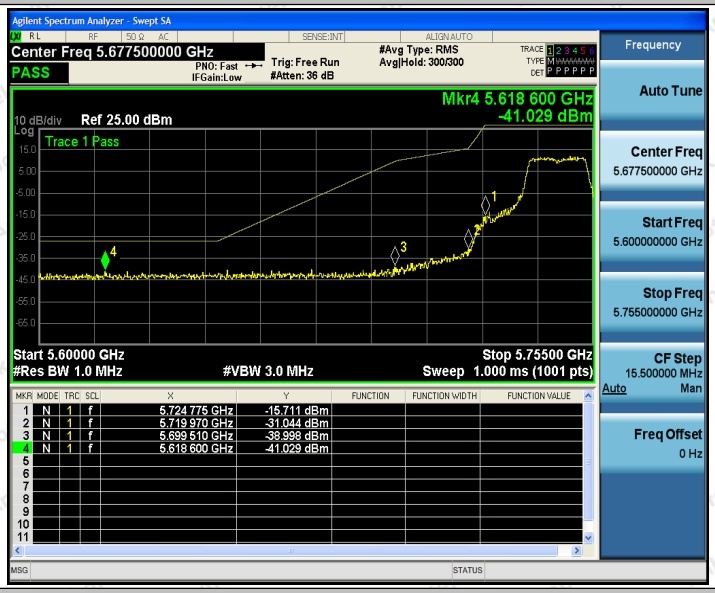
11AC80SISO_Ant1_High_5210

11AC80SISO_Ant2_High_5210

11A_Ant1_Low_5745

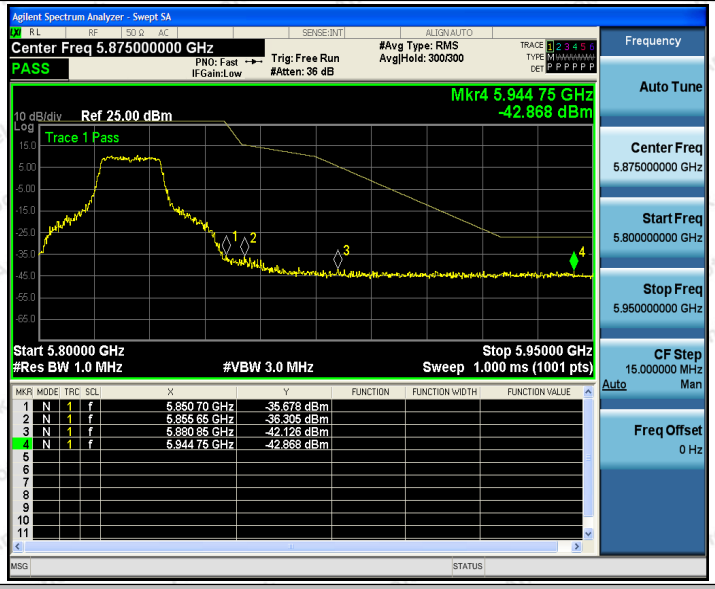


11A_Ant2_Low_5745

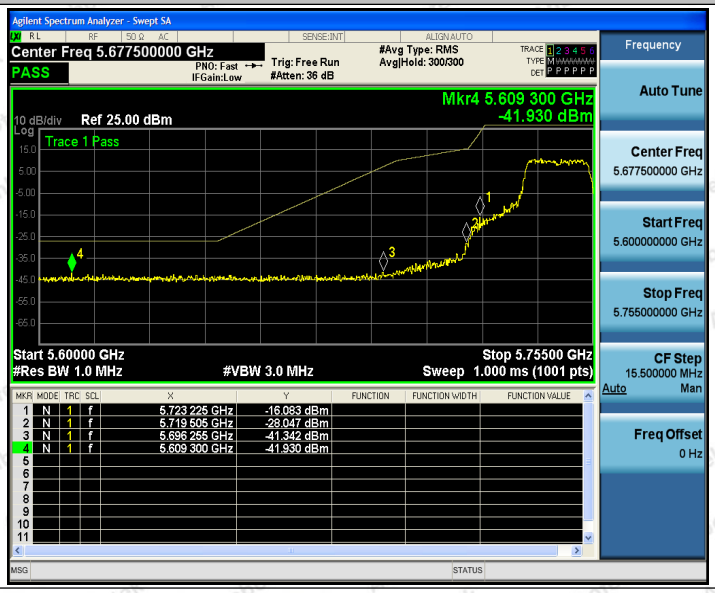


11A_Ant1_High_5825

11A_Ant2_High_5825



11N20SISO_Ant1_Low_5745

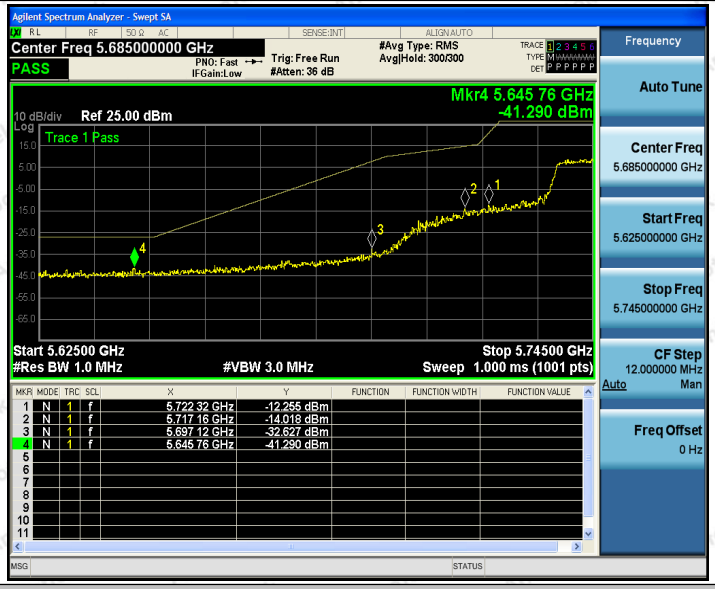


11N20SISO_Ant2_Low_5745

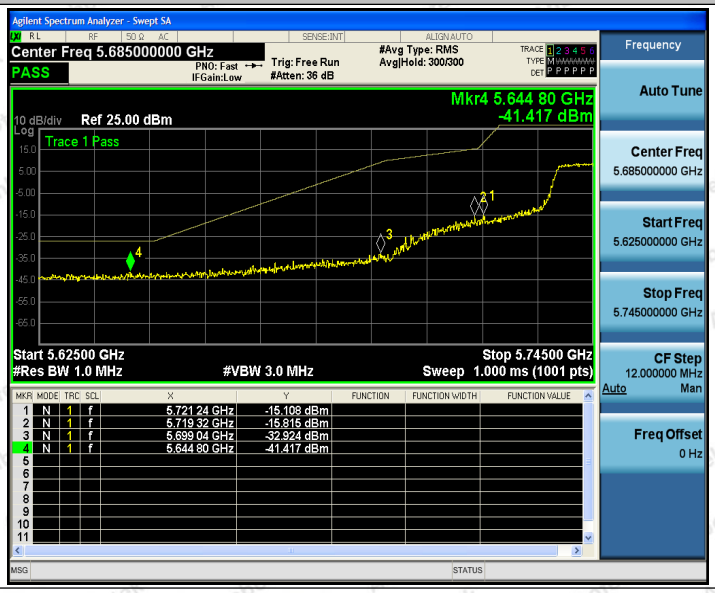
11N20SISO_Ant1_High_5825

11N20SISO_Ant2_High_5825

11N40SISO_Ant1_Low_5755



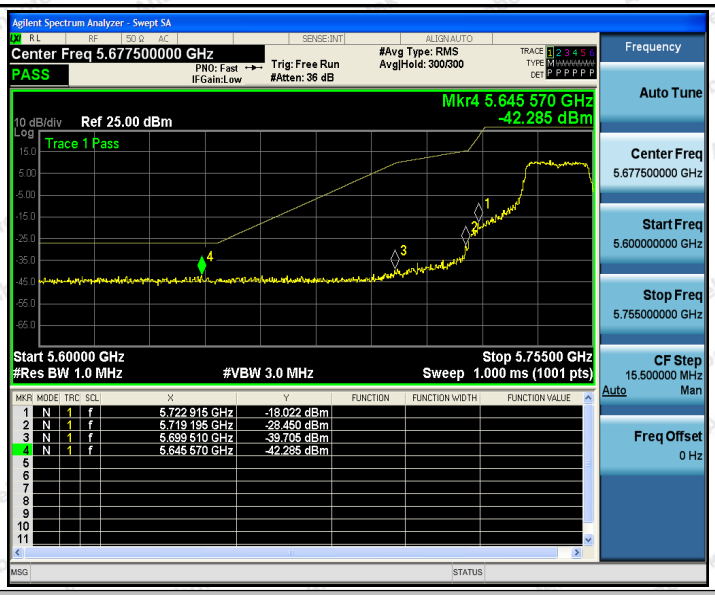
11N40SISO_Ant2_Low_5755



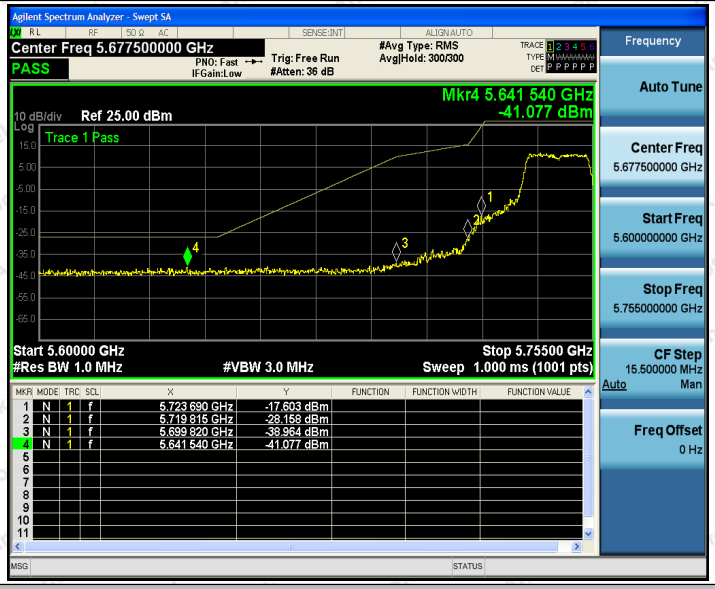
11N40SISO_Ant1_High_5795

11N40SISO_Ant2_High_5795

11AC20SISO_Ant1_Low_5745



11AC20SISO_Ant2_Low_5745



11AC20SISO_Ant1_High_5825

11AC20SISO_Ant2_High_5825

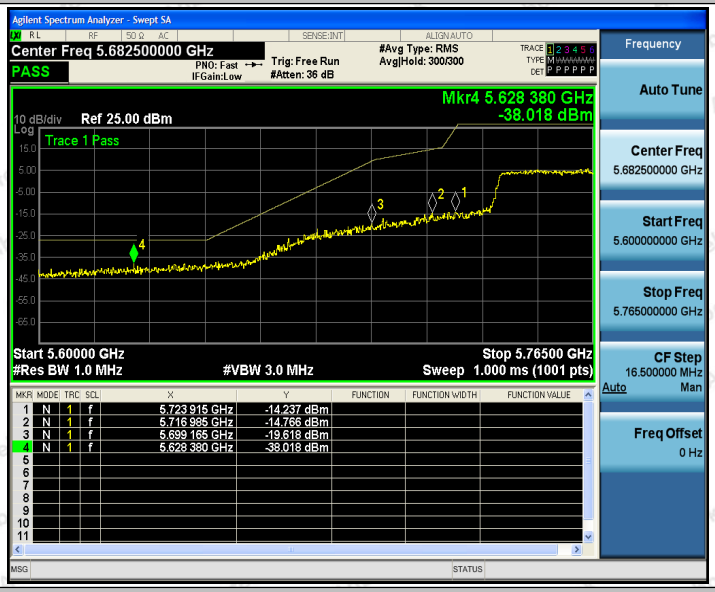
11AC40SISO_Ant1_Low_5755

11AC40SISO_Ant2_Low_5755

11AC40SISO_Ant1_High_5795

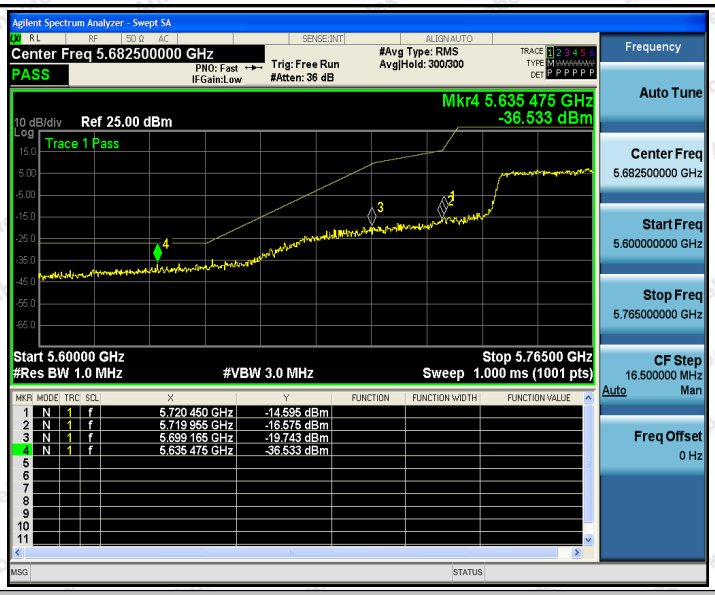
11AC40SISO_Ant2_High_5795

11AC80SISO_Ant1_Low_5775



11AC80SISO_Ant1_High_5775

11AC80SISO_Ant2_Low_5775



11AC80SISO_Ant2_High_5775

Appendix E: Frequency Stability

Test Result

Voltage								
TestMode	Antenna	Channel	Voltage [Vdc]	Temperature (℃)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
11AC20SISO		5180	NV	NT	-20000	-3.861004	20	PASS
11ac20		5180	NV	NT	-20000	-3.861004	20	PASS
11AC40SISO		5190	NV	NT	-20000	-3.853565	20	PASS
11ac40		5190	NV	NT	-20000	-3.853565	20	PASS
11AC80SISO		5210	NV	NT	-21000	-4.03071	20	PASS

Temperature								
TestMode	Antenna	Channel	Voltage [Vdc]	Temperature (℃)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
TestMode	Antenna	Channel	VolValue	TempValue	Result	Result1	Limit	Verdict

Appendix F: Duty Cycle

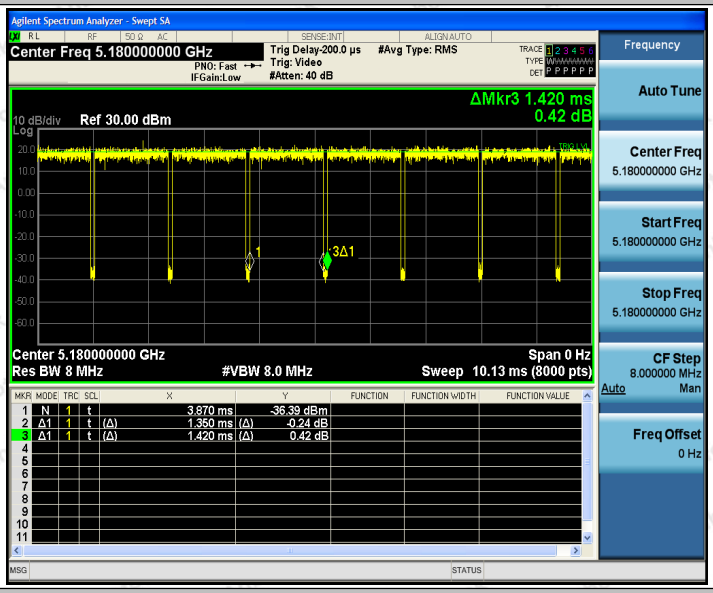
Test Result

TestMode	Antenna	Channel	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	Limit	Verdict
11A	Ant1	5180	1.35	1.42	95.07	---	PASS
	Ant2	5180	1.34	1.42	94.37	---	PASS
	Ant1	5200	1.35	1.42	95.07	---	PASS
	Ant2	5200	1.34	1.43	93.71	---	PASS
	Ant1	5240	1.34	1.42	94.37	---	PASS
	Ant2	5240	1.34	1.41	95.04	---	PASS
	Ant1	5745	1.34	1.41	95.04	---	PASS
	Ant2	5745	1.35	1.42	95.07	---	PASS
	Ant1	5785	1.35	1.42	95.07	---	PASS
	Ant2	5785	1.34	1.54	87.01	---	PASS
	Ant1	5825	1.35	1.41	95.74	---	PASS
	Ant2	5825	1.35	1.45	93.10	---	PASS
11N20SISO	Ant1	5180	1.27	1.34	94.78	---	PASS
	Ant2	5180	1.26	1.52	82.89	---	PASS
	Ant1	5200	1.27	1.34	94.78	---	PASS
	Ant2	5200	1.26	1.33	94.74	---	PASS
	Ant1	5240	1.27	1.34	94.78	---	PASS
	Ant2	5240	1.27	1.34	94.78	---	PASS
	Ant1	5745	1.26	1.34	94.03	---	PASS
	Ant2	5745	1.27	1.39	91.37	---	PASS
	Ant1	5785	1.27	1.39	91.37	---	PASS
	Ant2	5785	1.27	1.34	94.78	---	PASS
	Ant1	5825	1.27	1.34	94.78	---	PASS
	Ant2	5825	1.27	1.34	94.78	---	PASS
11N40SISO	Ant1	5190	0.63	0.75	84.00	---	PASS
	Ant2	5190	0.63	0.70	90.00	---	PASS
	Ant1	5230	0.63	0.71	88.73	---	PASS
	Ant2	5230	0.63	0.71	88.73	---	PASS
	Ant1	5755	0.63	0.71	88.73	---	PASS
	Ant2	5755	0.63	0.70	90.00	---	PASS
	Ant1	5795	0.63	0.80	78.75	---	PASS
	Ant2	5795	0.63	0.71	88.73	---	PASS
11AC20SISO	Ant1	5180	1.27	1.36	93.38	---	PASS
	Ant2	5180	1.27	1.56	81.41	---	PASS
	Ant1	5200	1.27	1.41	90.07	---	PASS
	Ant2	5200	1.26	1.33	94.74	---	PASS
	Ant1	5240	1.27	1.34	94.78	---	PASS

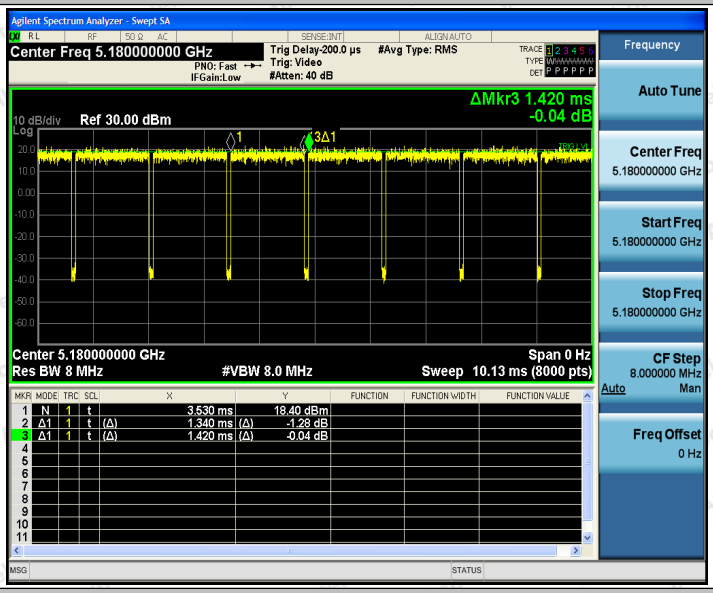
	Ant2	5240	1.26	1.33	94.74	---	PASS
	Ant1	5745	1.27	1.43	88.81	---	PASS
	Ant2	5745	1.27	1.40	90.71	---	PASS
	Ant1	5785	1.27	1.52	83.55	---	PASS
	Ant2	5785	1.26	1.43	88.11	---	PASS
	Ant1	5825	1.27	1.37	92.70	---	PASS
	Ant2	5825	1.27	1.35	94.07	---	PASS
11AC40SISO	Ant1	5190	0.63	0.78	80.77	---	PASS
	Ant2	5190	0.64	0.71	90.14	---	PASS
	Ant1	5230	0.63	0.72	87.50	---	PASS
	Ant2	5230	0.63	0.71	88.73	---	PASS
	Ant1	5755	0.63	0.95	66.32	---	PASS
	Ant2	5755	0.63	0.71	88.73	---	PASS
	Ant1	5795	0.63	0.71	88.73	---	PASS
	Ant2	5795	0.63	0.70	90.00	---	PASS
11AC80SISO	Ant1	5210	0.32	0.39	82.05	---	PASS
	Ant2	5210	0.31	0.39	79.49	---	PASS
	Ant1	5775	0.32	0.39	82.05	---	PASS
	Ant2	5775	0.32	0.39	82.05	---	PASS

Test Graphs

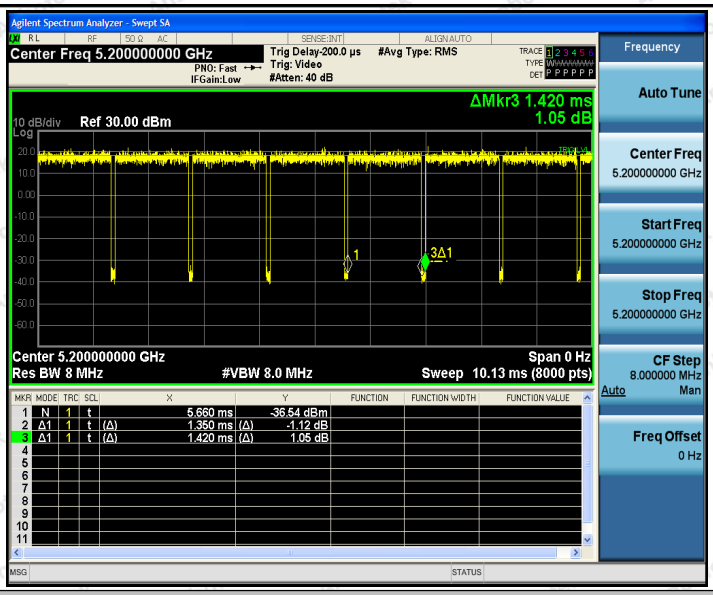
11A_Ant1_5180



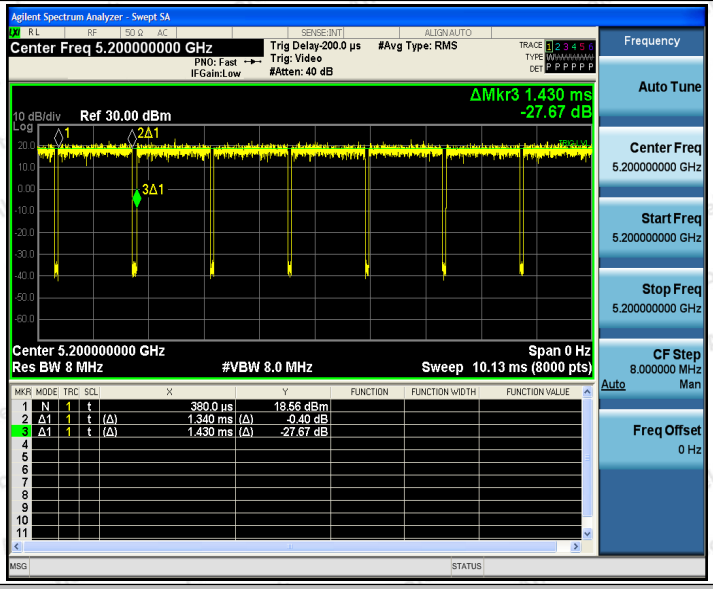
11A_Ant2_5180



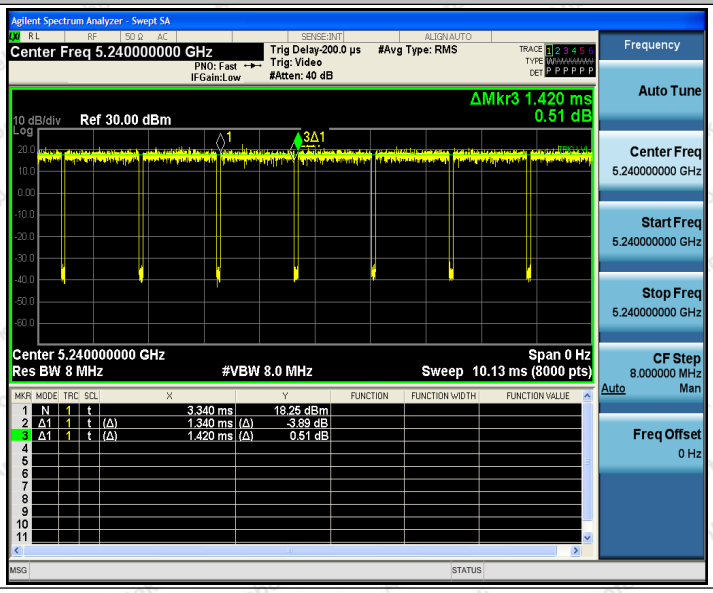
11A_Ant1_5200



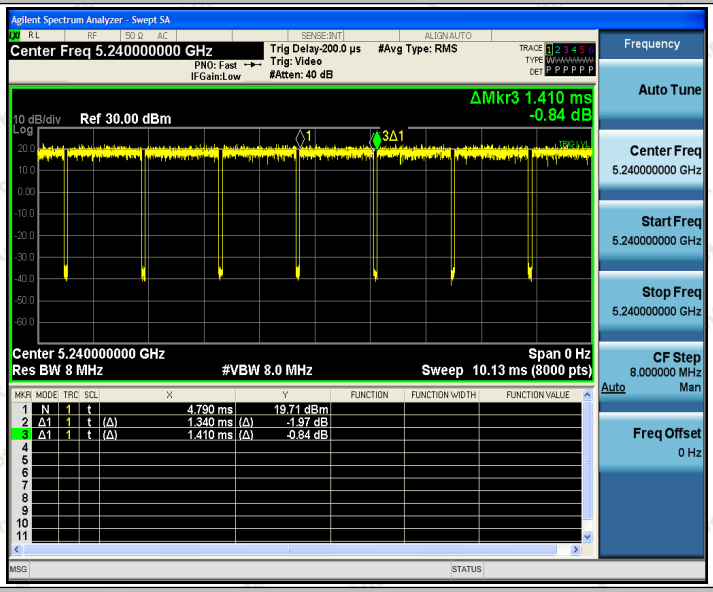
11A_Ant2_5200



11A_Ant1_5240



11A_Ant2_5240



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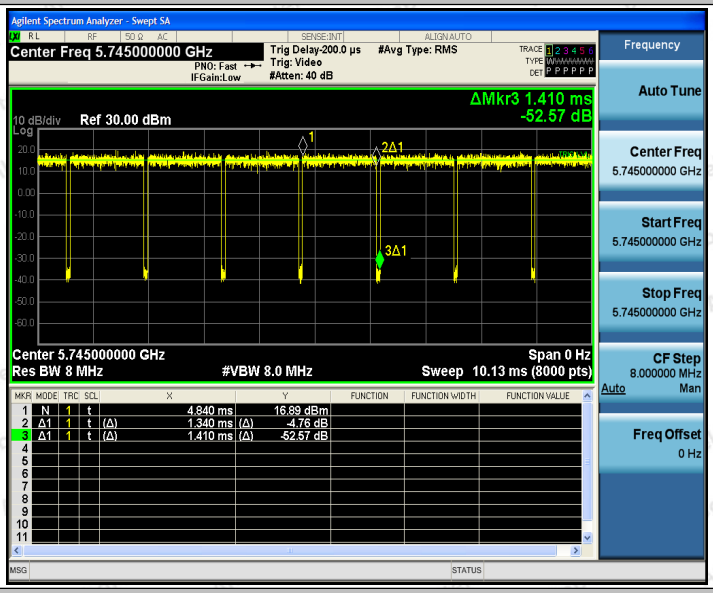
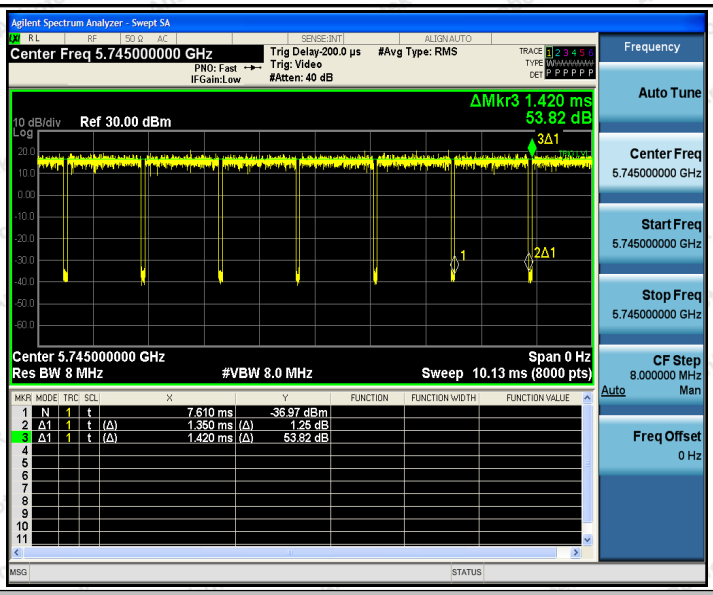


11A_Ant2_5745



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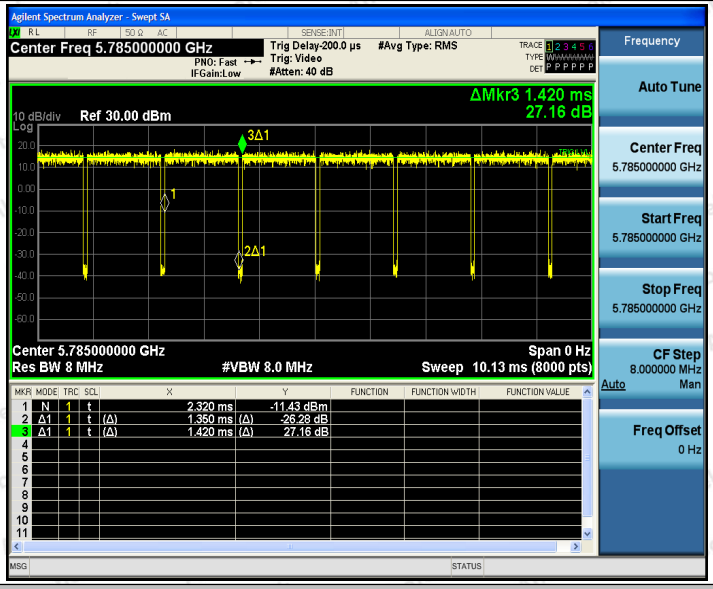

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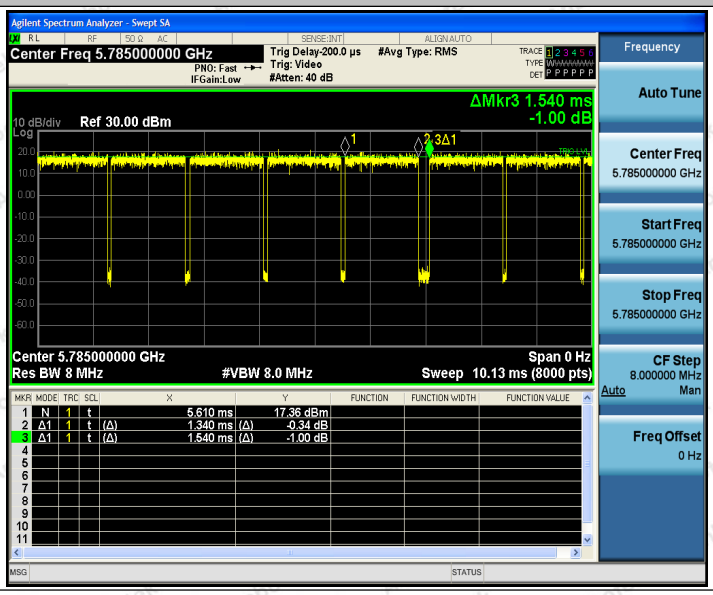
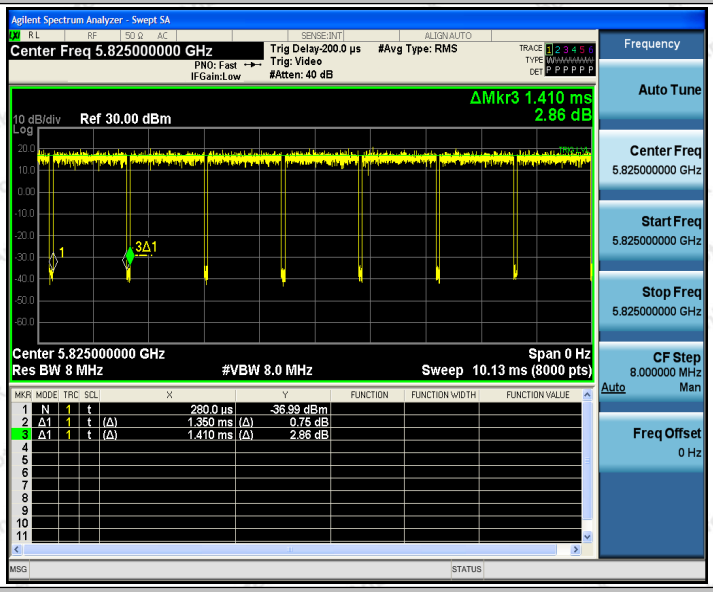
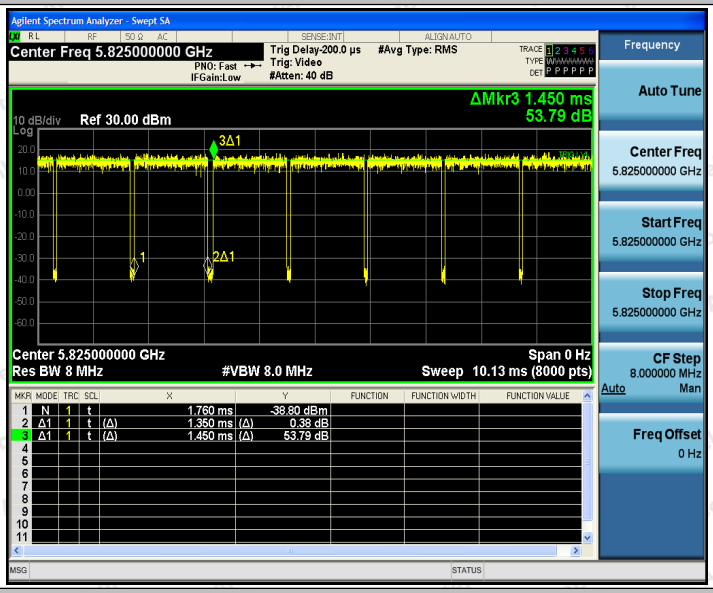


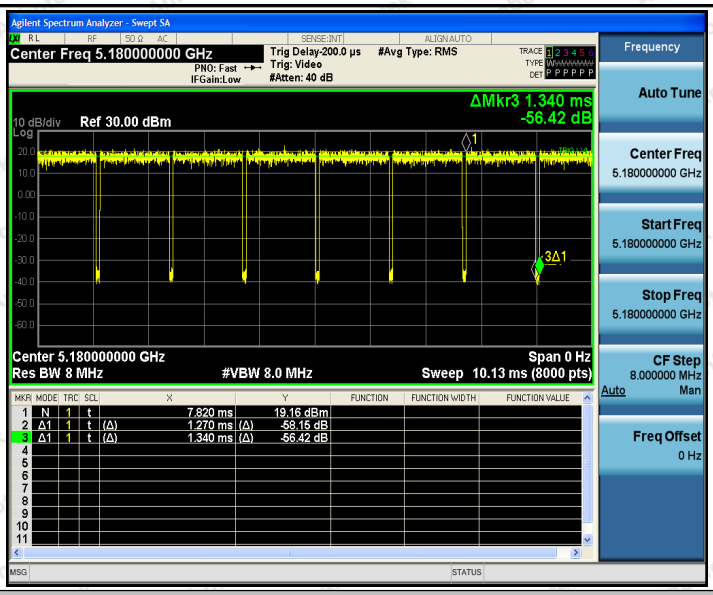
11A_Ant1_5825



11A_Ant2_5825



11N20SISO_Ant1_5180



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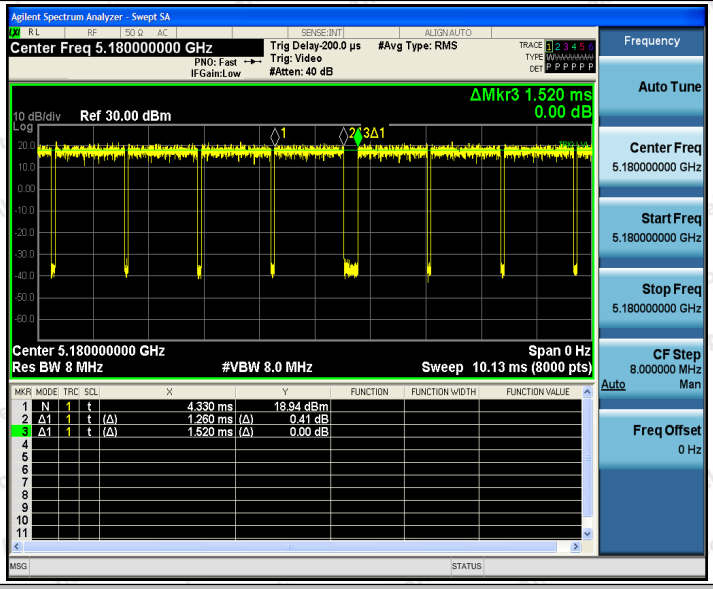
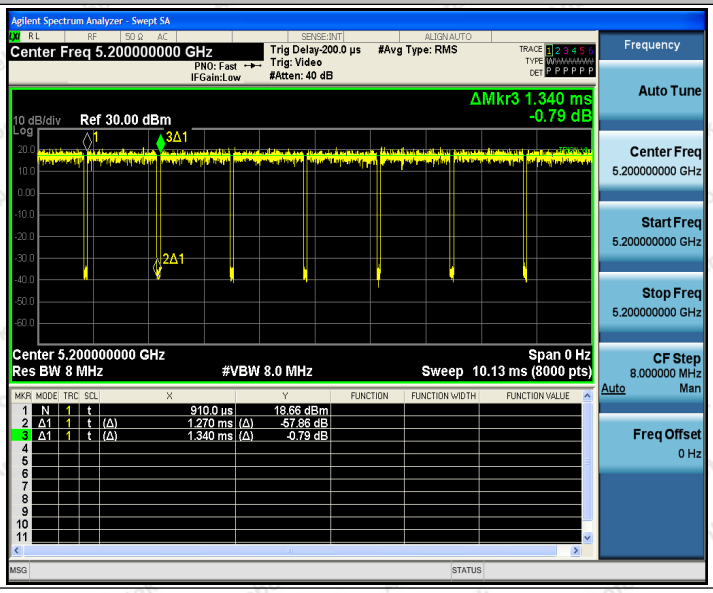
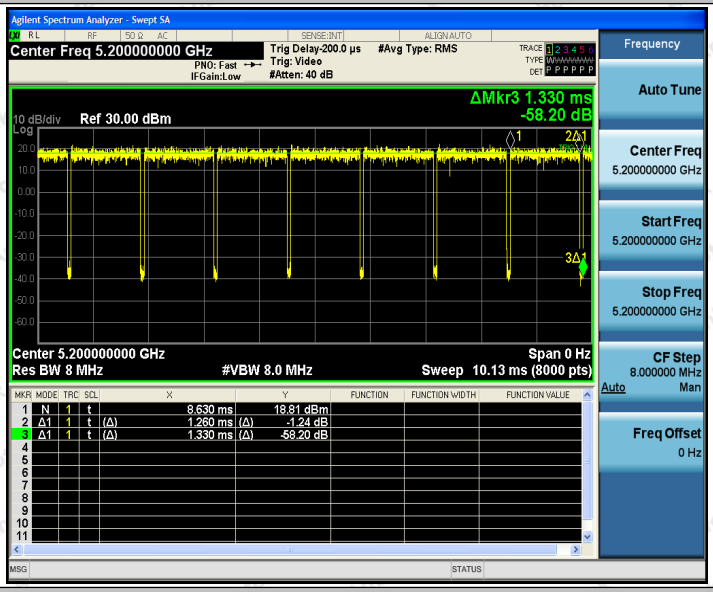


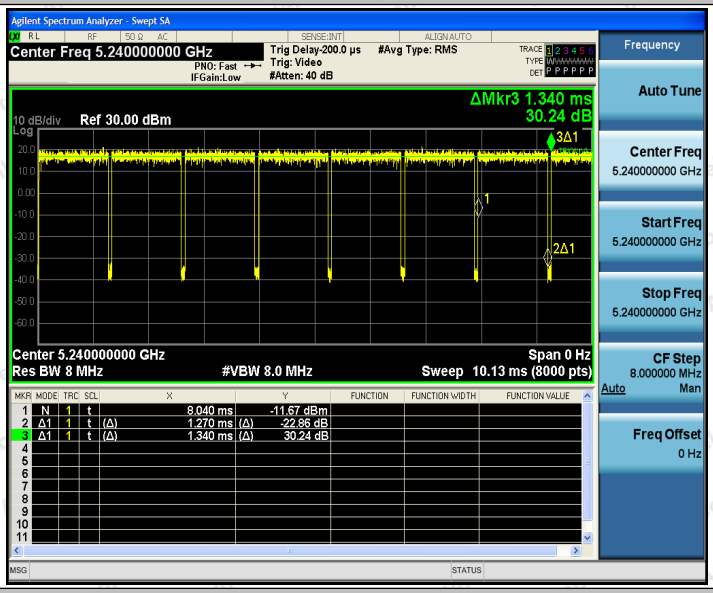
11N20SISO_Ant1_5200



11N20SISO_Ant2_5200



11N20SISO_Ant1_5240



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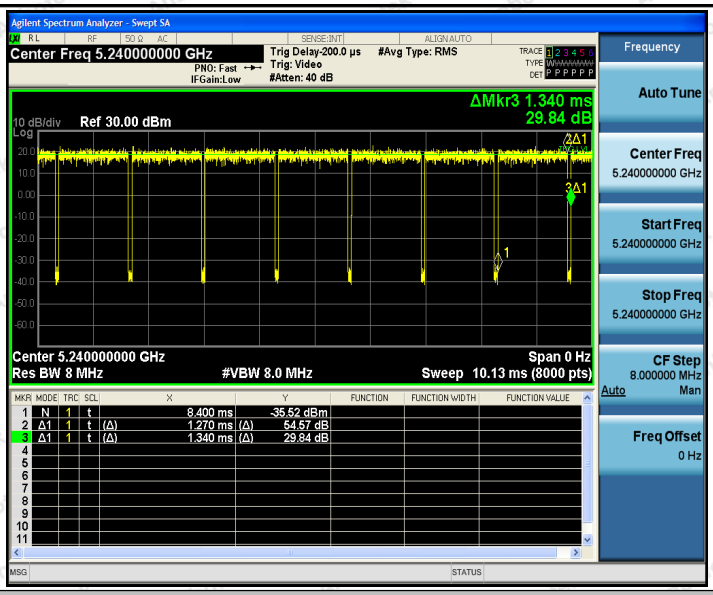

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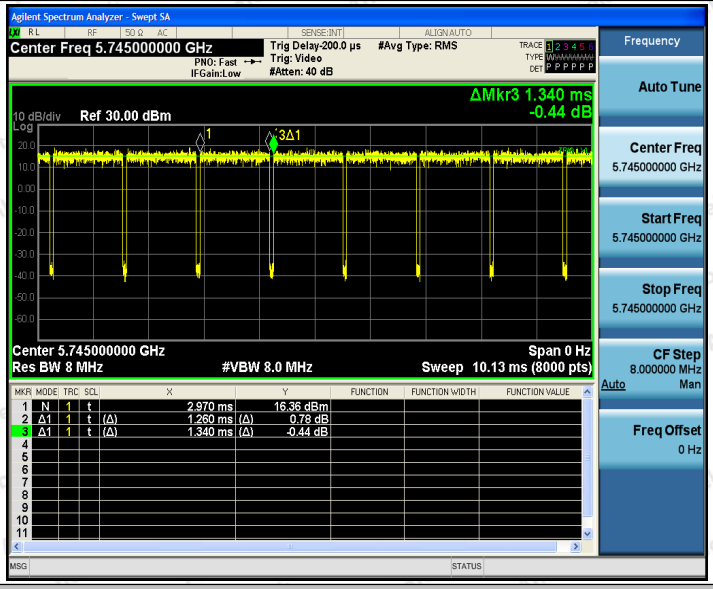

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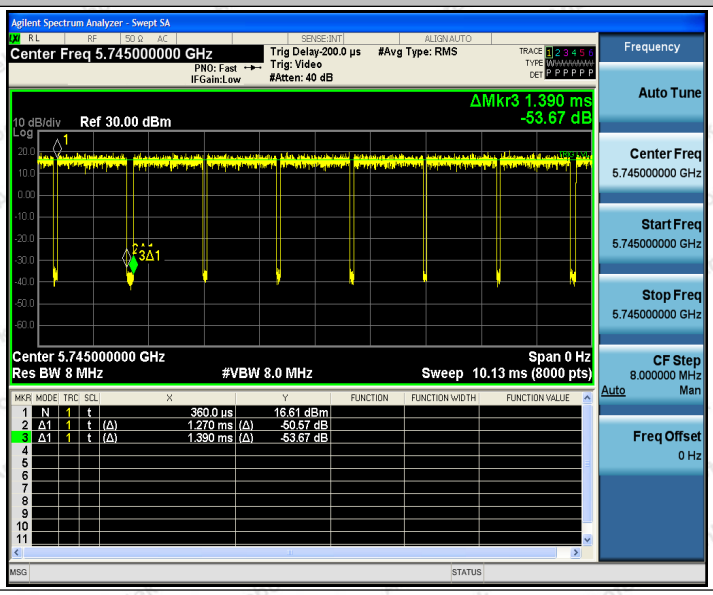

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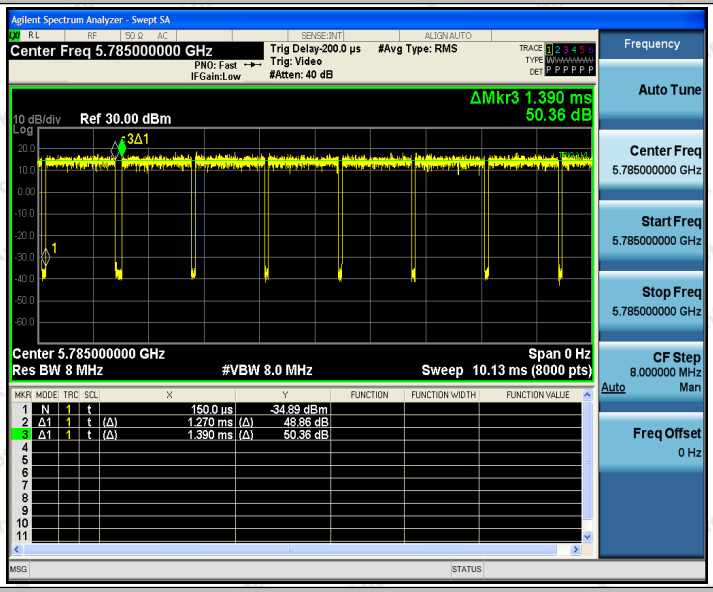

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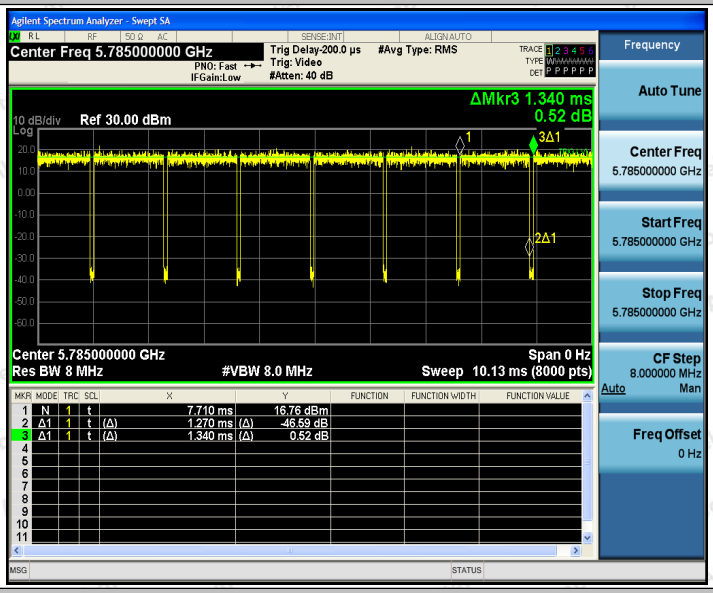

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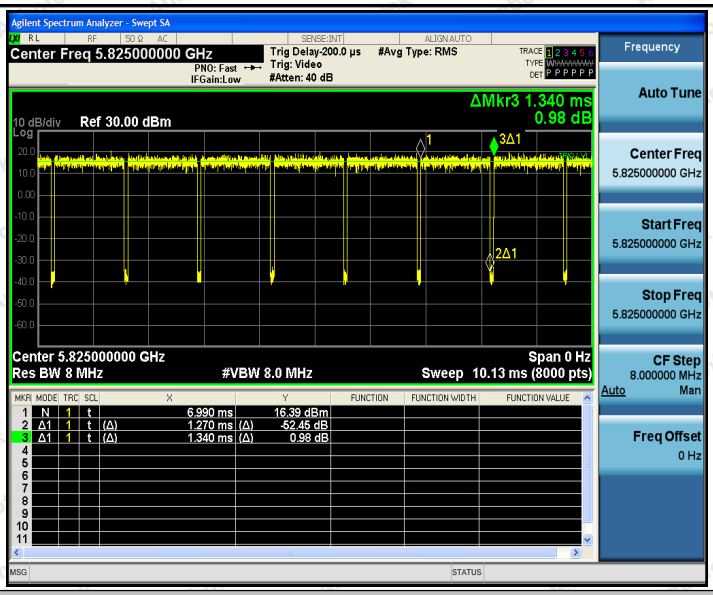

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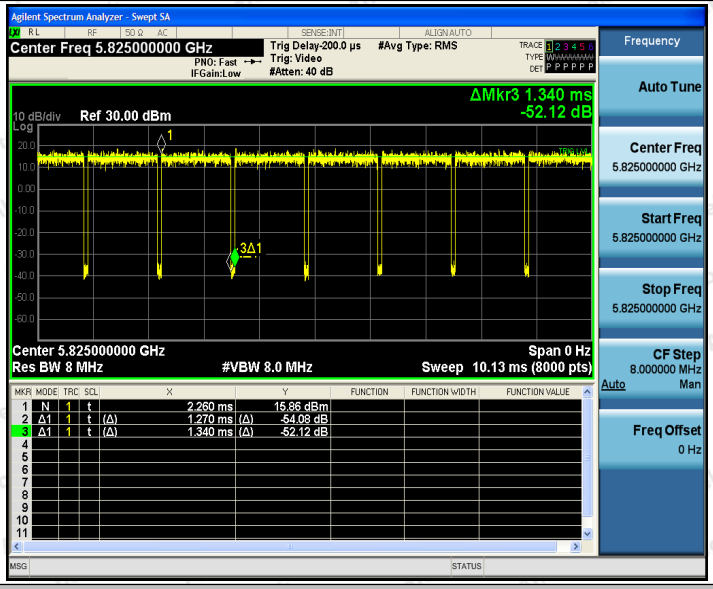

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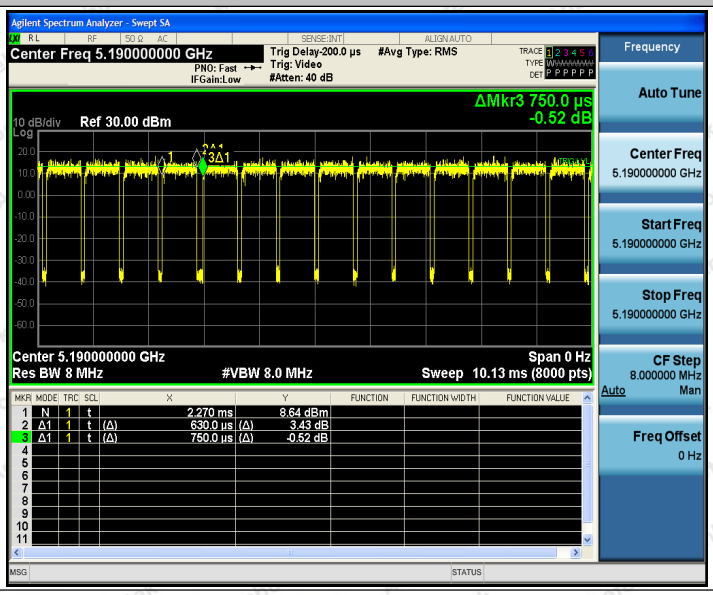

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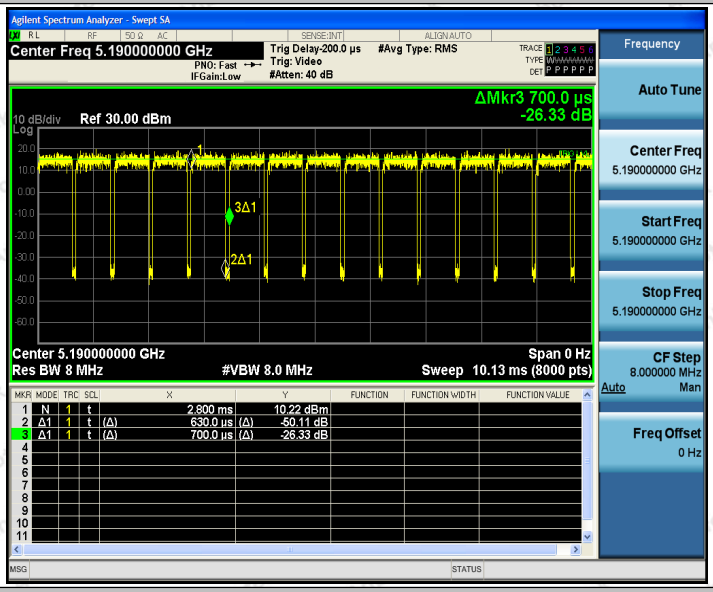

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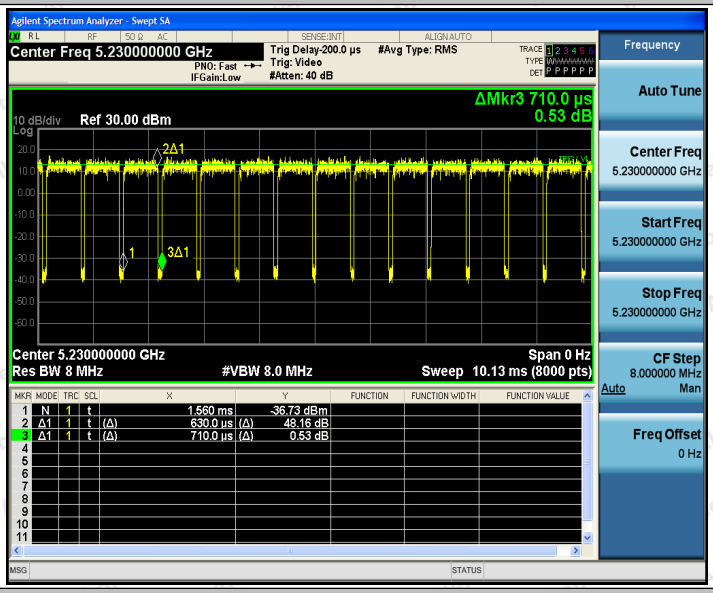

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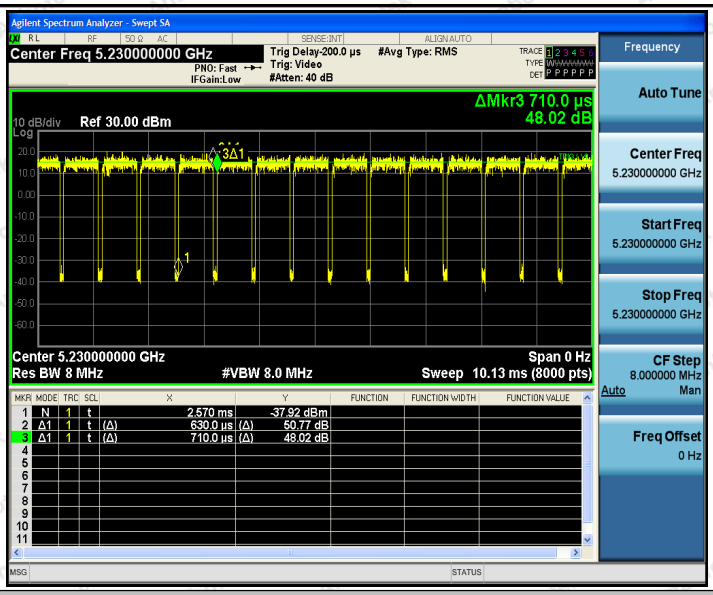

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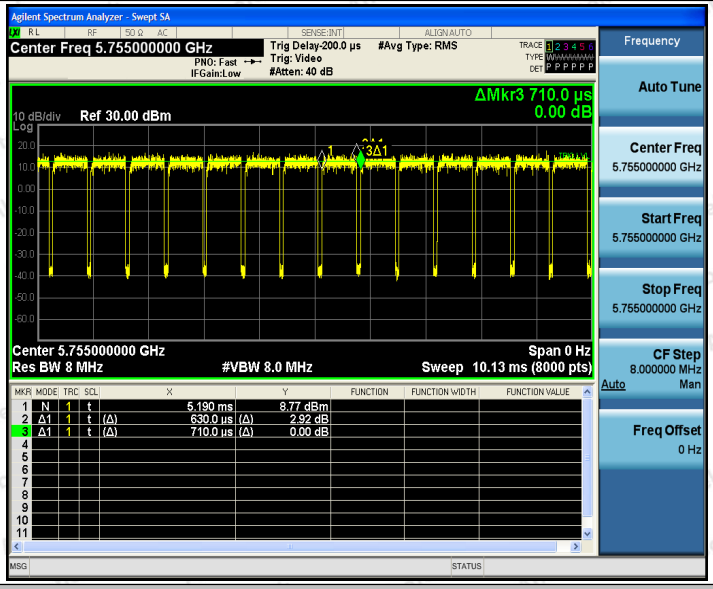

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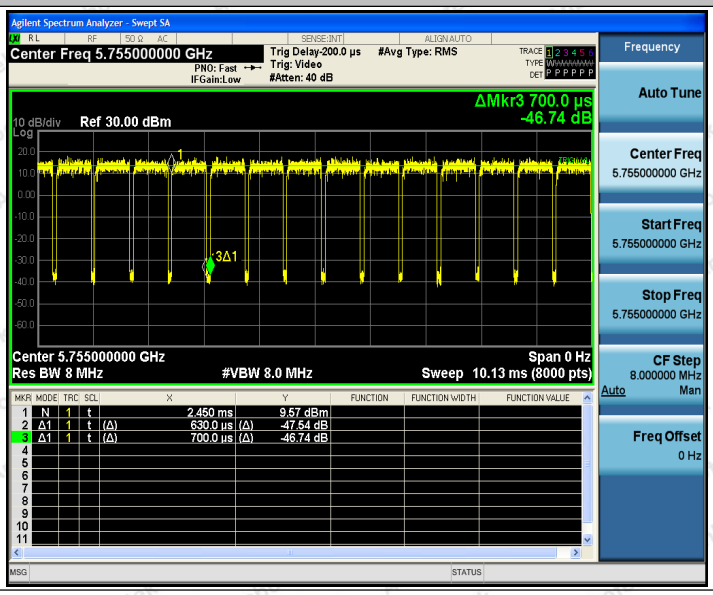

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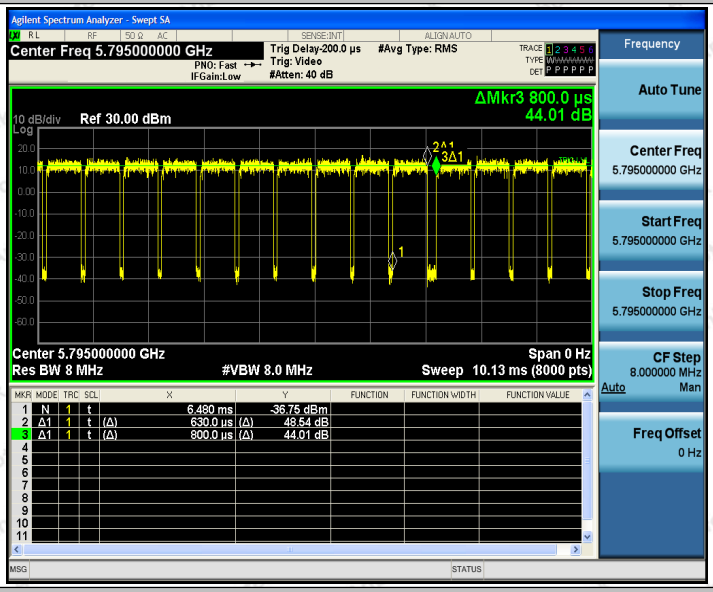

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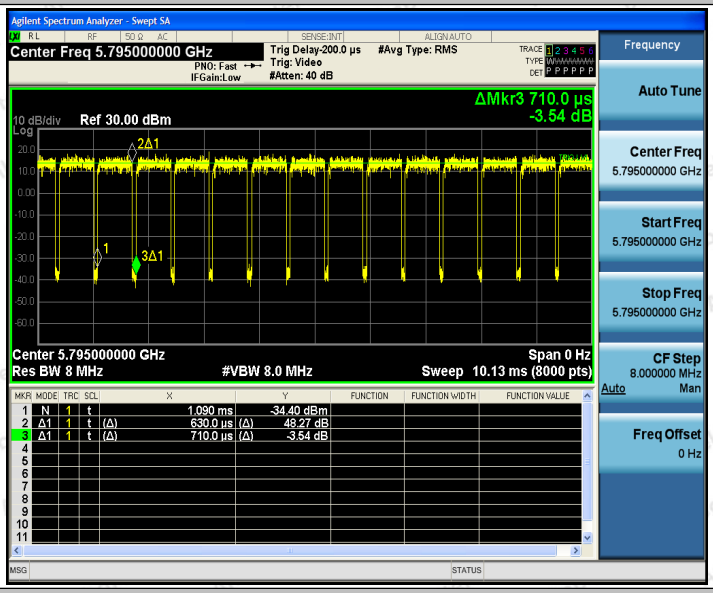

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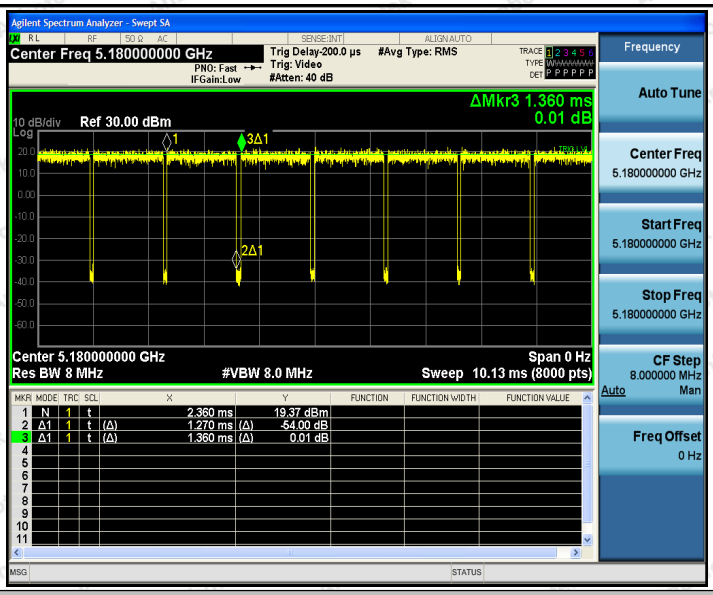

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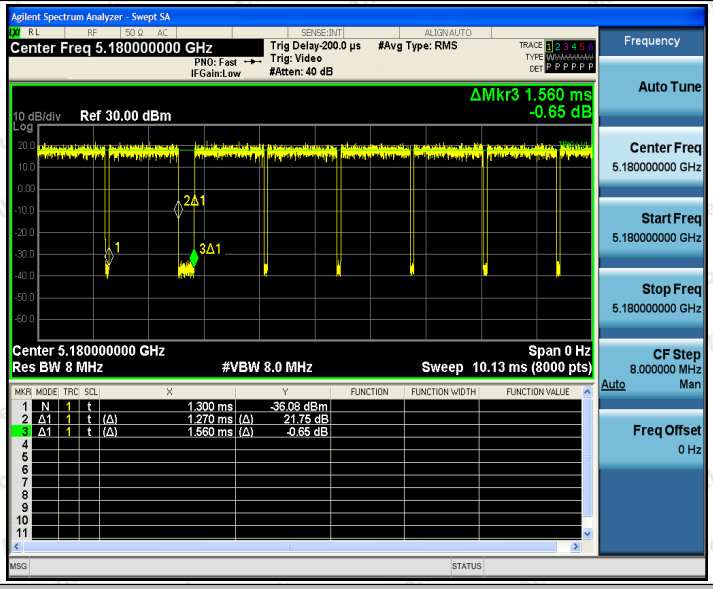

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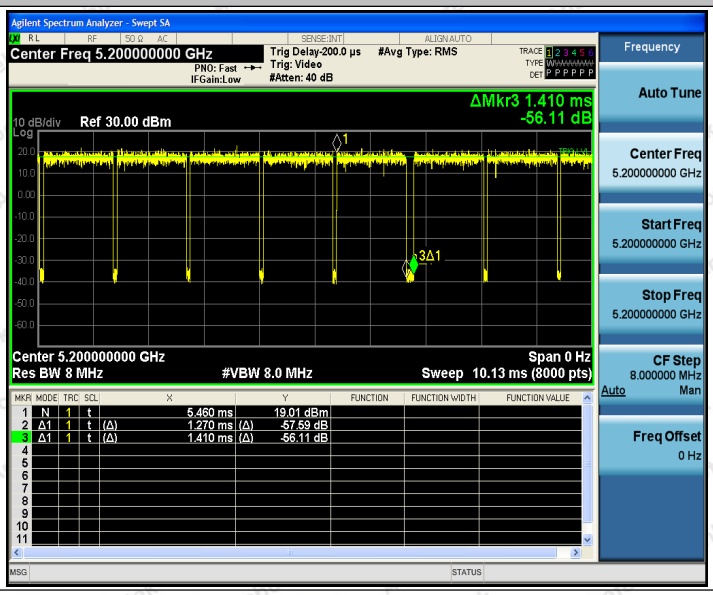

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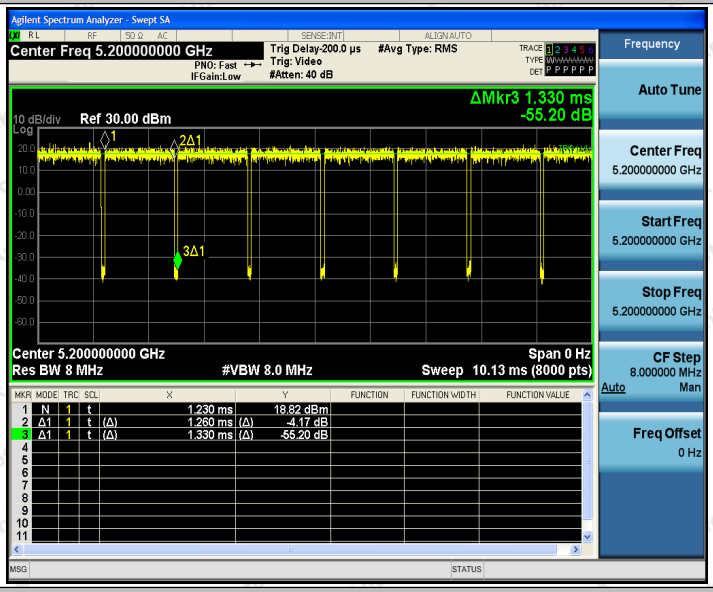

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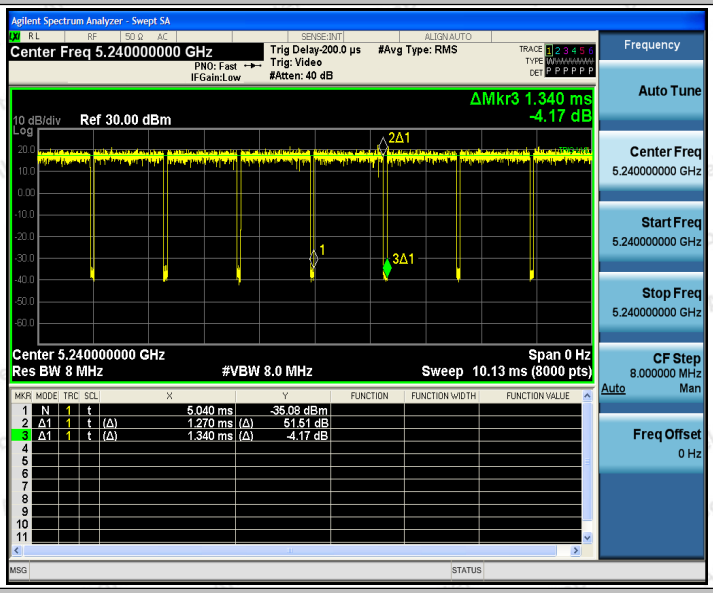

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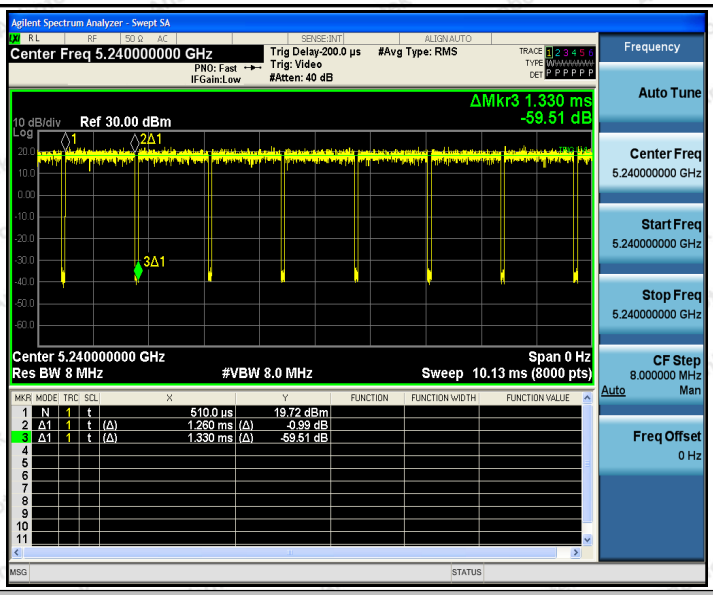

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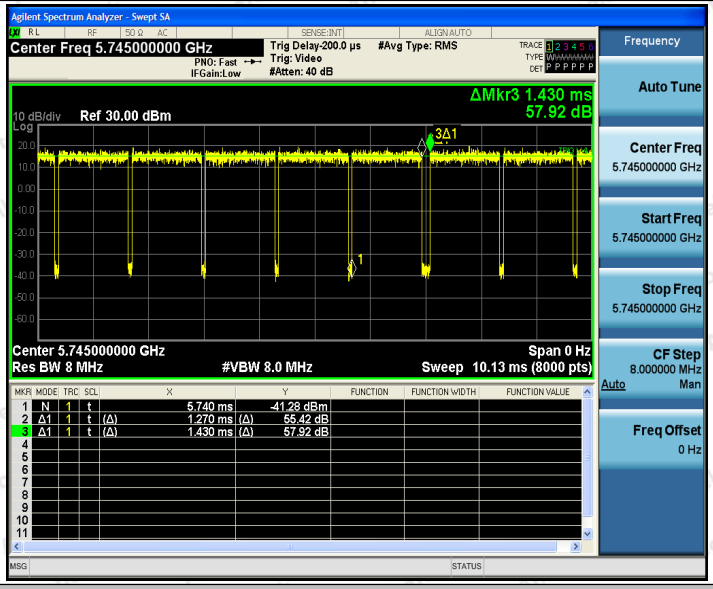

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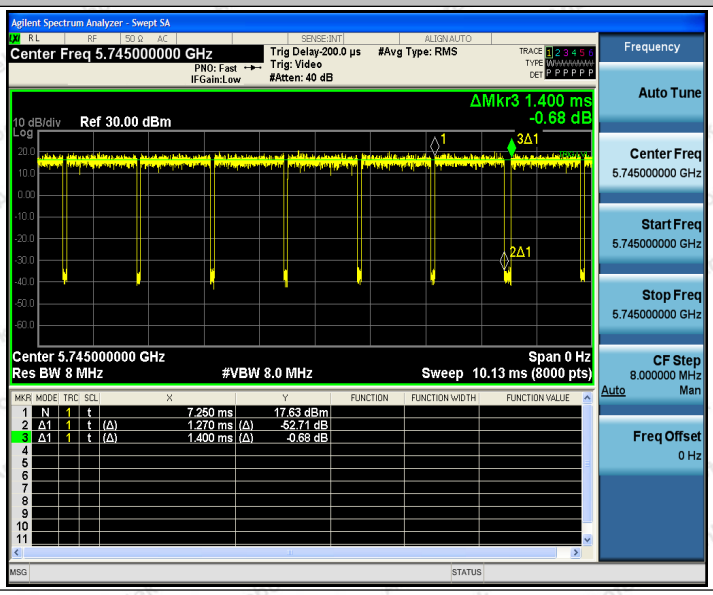

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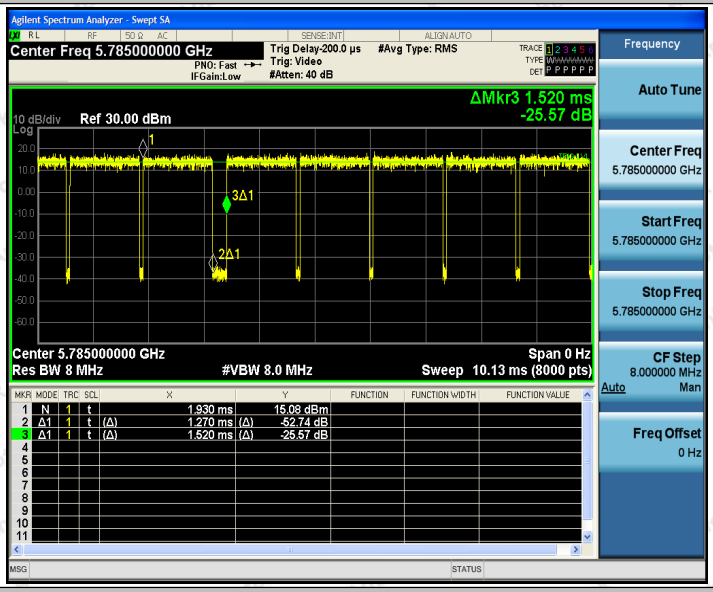

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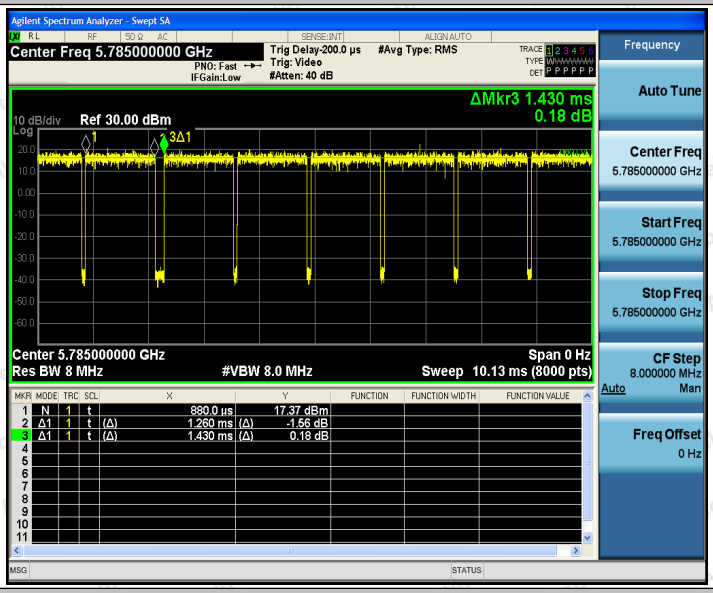

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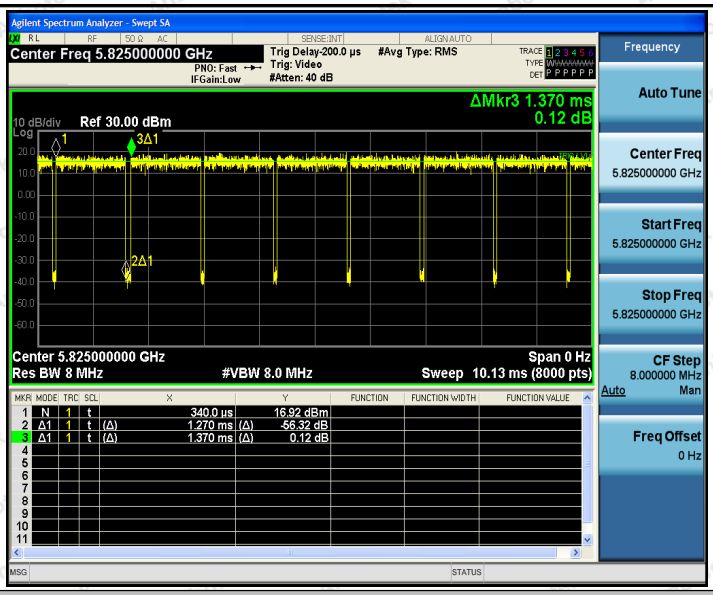

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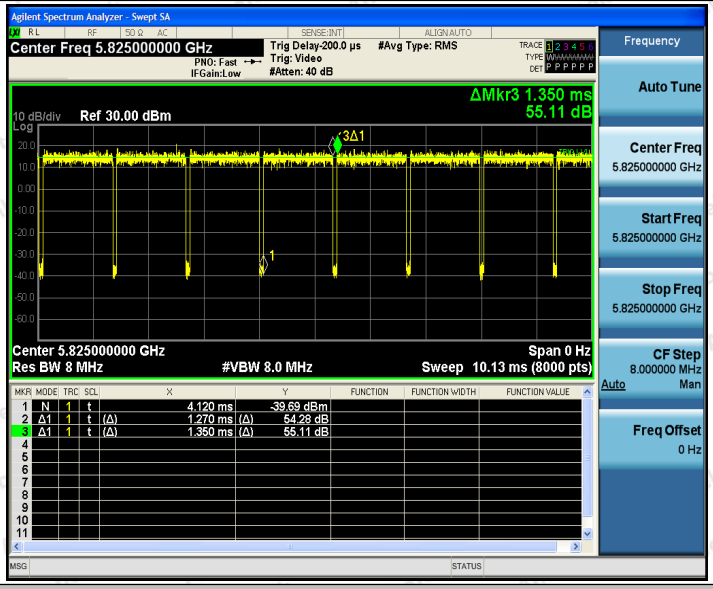

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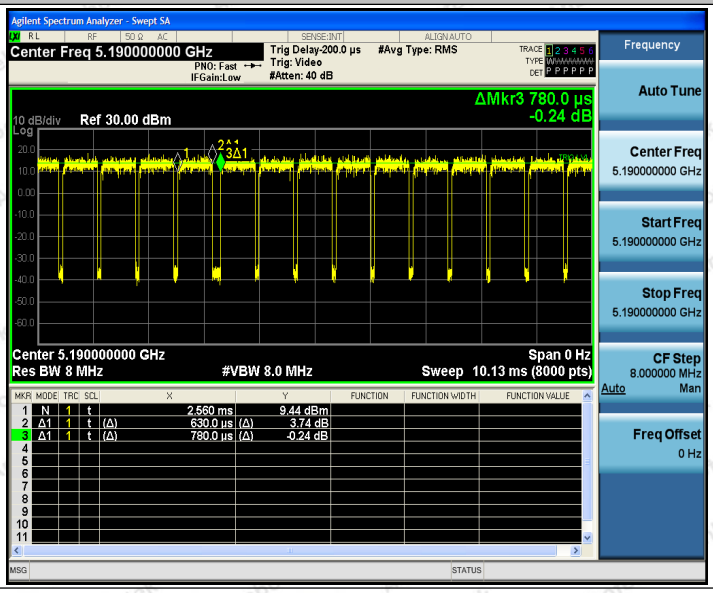

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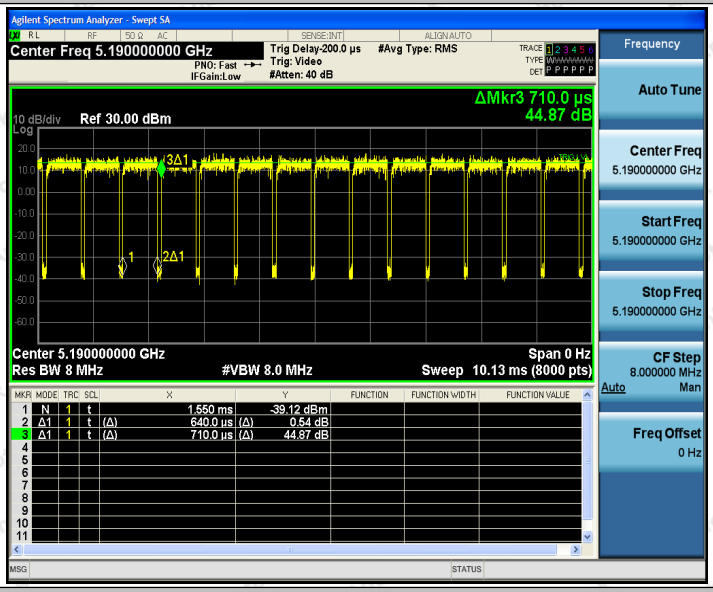

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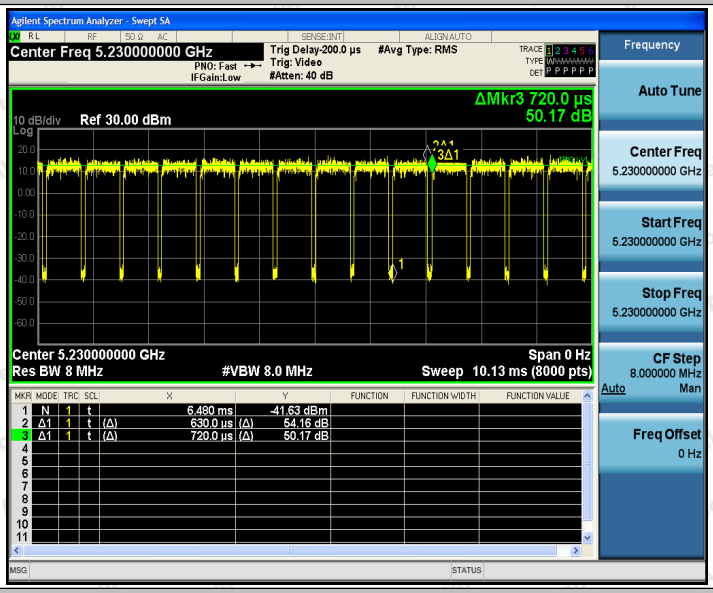

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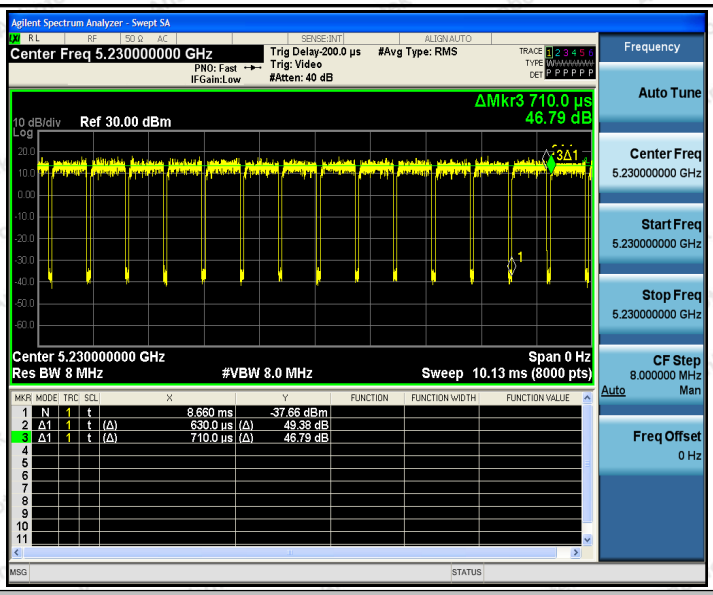

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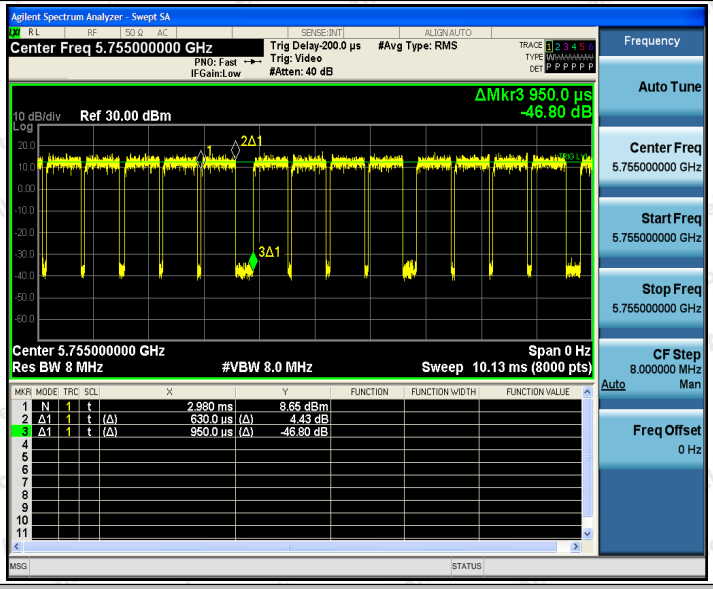

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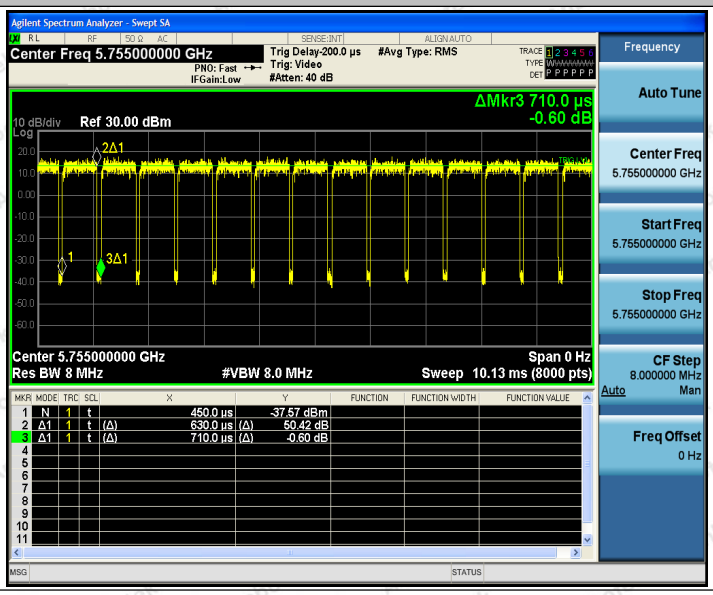

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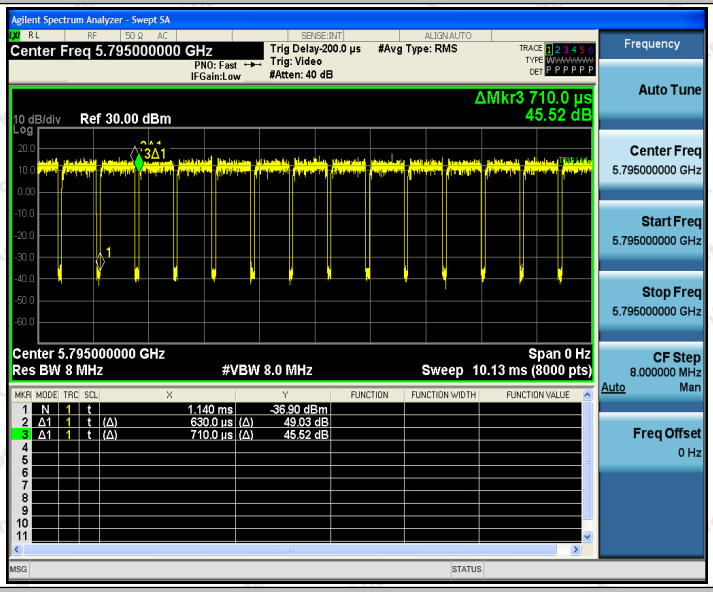

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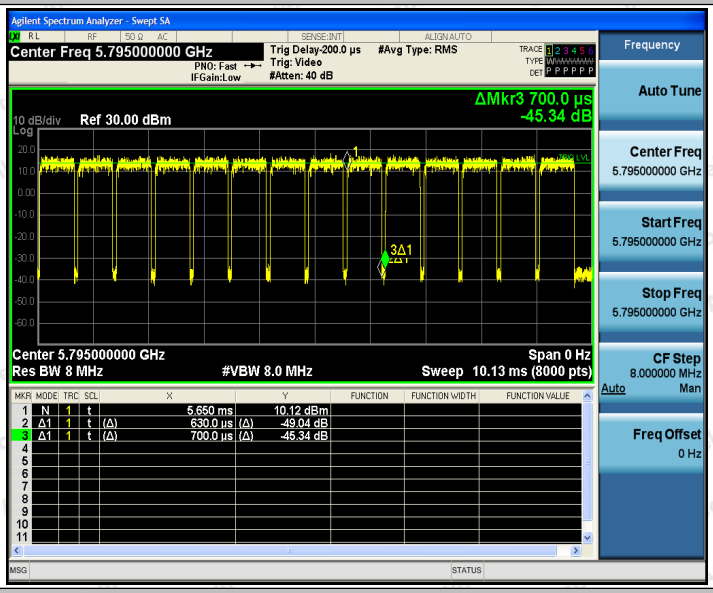

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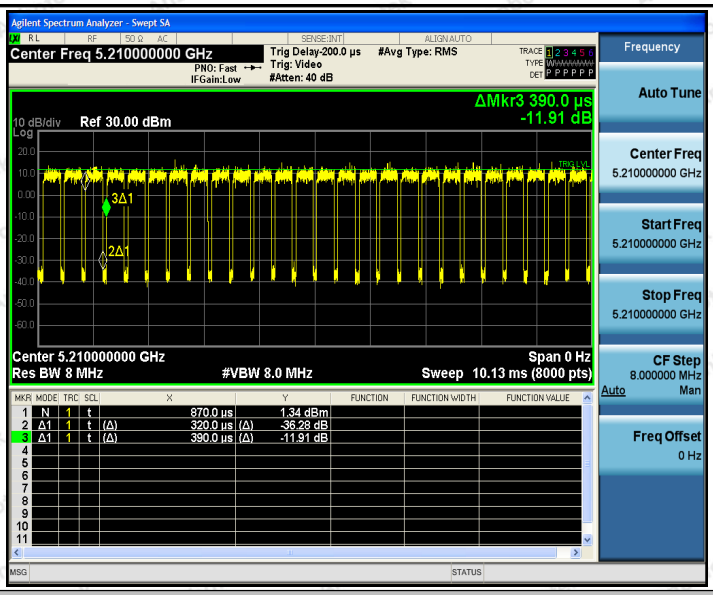

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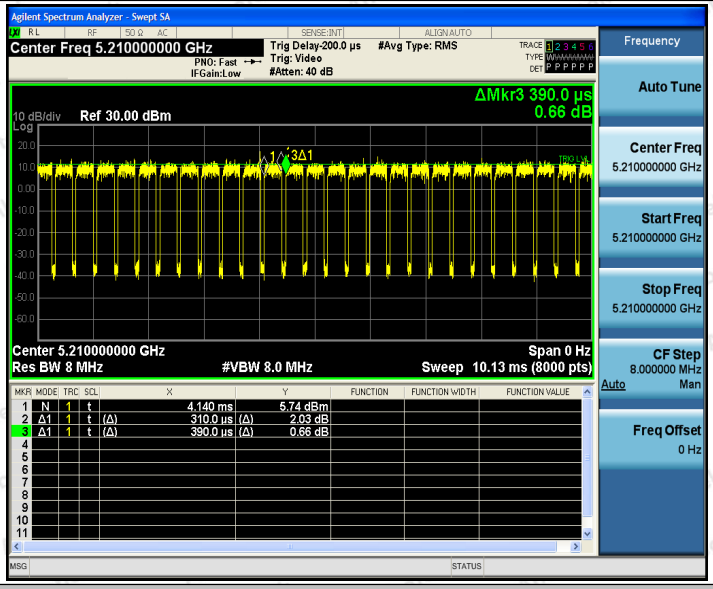

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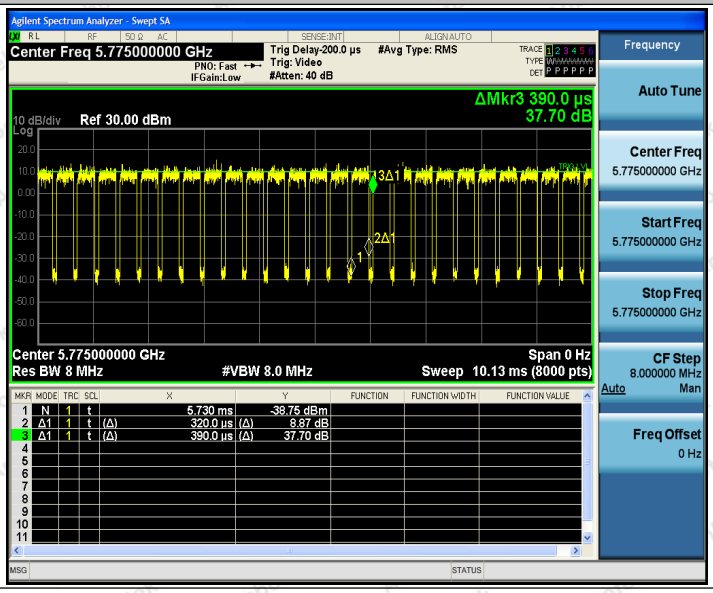

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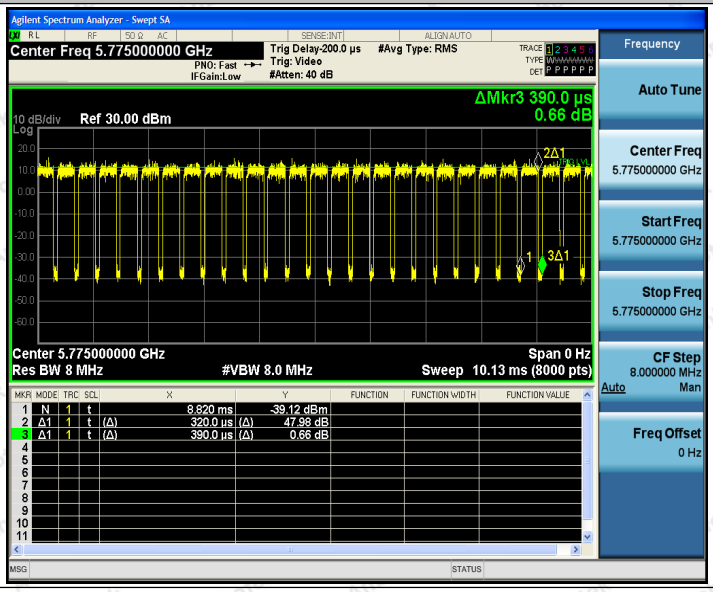

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