



Appendix E

RF Test Data for 5.8G WIFI (Conducted Measurement)

Product Name: Single Board Computer

Test Model: IEC-EDGE2-0432

Environmental Conditions

Temperature:	23.5° C
Relative Humidity:	52.2%
ATM Pressure:	100.0 kPa
Test Engineer:	Bill Zhu
Supervised by:	Li huan



E.1 6dB bandwidth

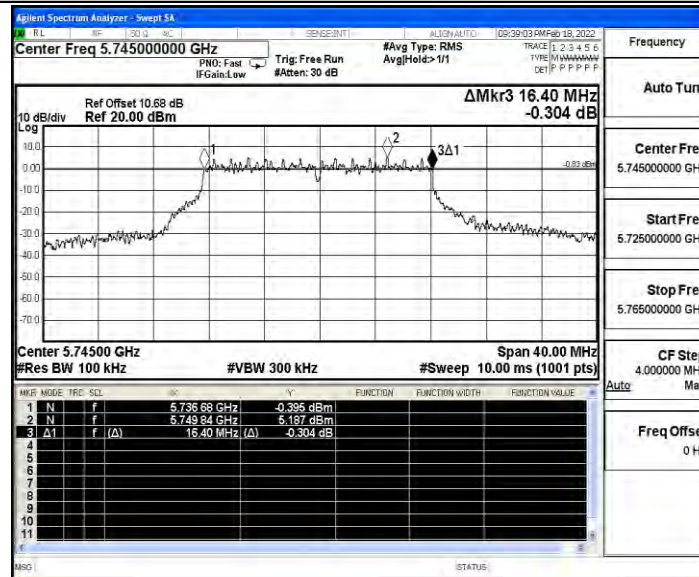
Test Result

TestMode	Antenna	Channel	6db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant0	5745	16.400	5736.680	5753.080	0.5	PASS
		5785	16.360	5776.680	5793.040	0.5	PASS
		5825	16.040	5817.000	5833.040	0.5	PASS
11N20SISO	Ant0	5745	17.640	5736.040	5753.680	0.5	PASS
		5785	17.720	5776.000	5793.720	0.5	PASS
		5825	17.680	5816.000	5833.680	0.5	PASS
11N40SISO	Ant0	5755	36.480	5736.600	5773.080	0.5	PASS
		5795	36.480	5776.600	5813.080	0.5	PASS
11AC20SISO	Ant0	5745	17.560	5736.080	5753.640	0.5	PASS
		5785	17.560	5776.080	5793.640	0.5	PASS
		5825	17.560	5816.080	5833.640	0.5	PASS
11AC40SISO	Ant0	5755	36.320	5736.680	5773.000	0.5	PASS
		5795	35.200	5777.240	5812.440	0.5	PASS
11AC80SISO	Ant0	5775	75.680	5737.080	5812.760	0.5	PASS
11AX20SISO	Ant0	5745	18.640	5735.600	5754.240	0.5	PASS
		5785	17.560	5776.240	5793.800	0.5	PASS
		5825	17.160	5816.560	5833.720	0.5	PASS
11AX40SISO	Ant0	5755	37.200	5736.120	5773.320	0.5	PASS
		5795	36.560	5776.520	5813.080	0.5	PASS
11AX80SISO	Ant0	5775	77.120	5736.120	5813.240	0.5	PASS

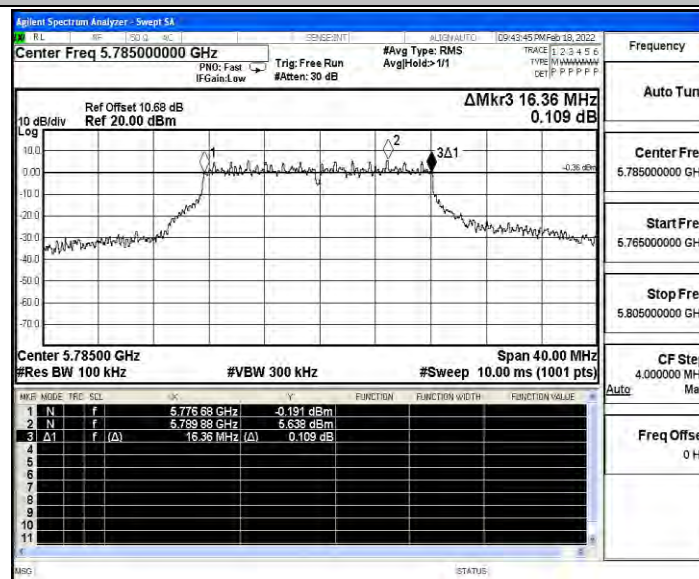


Test Graphs

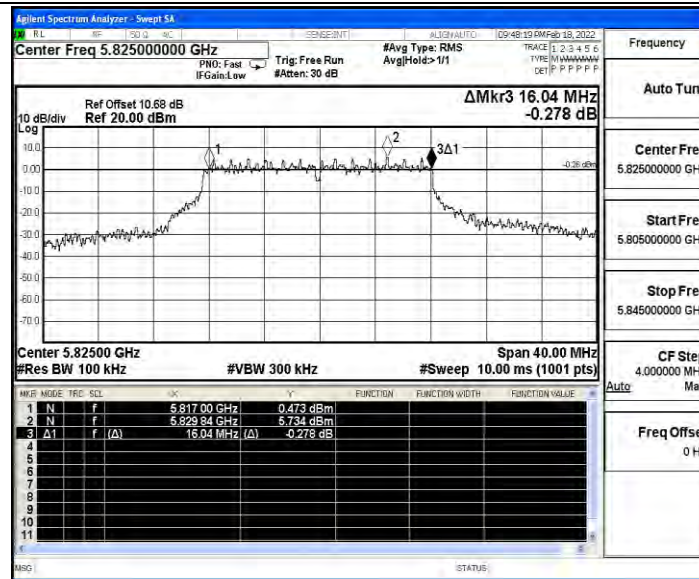
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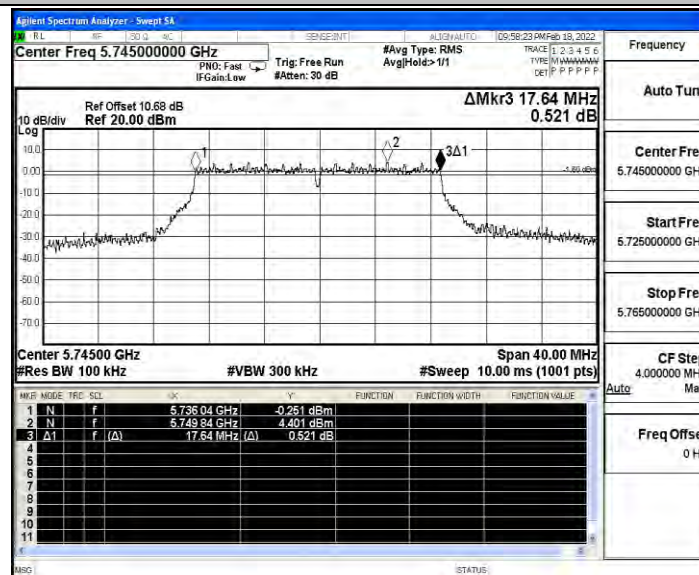
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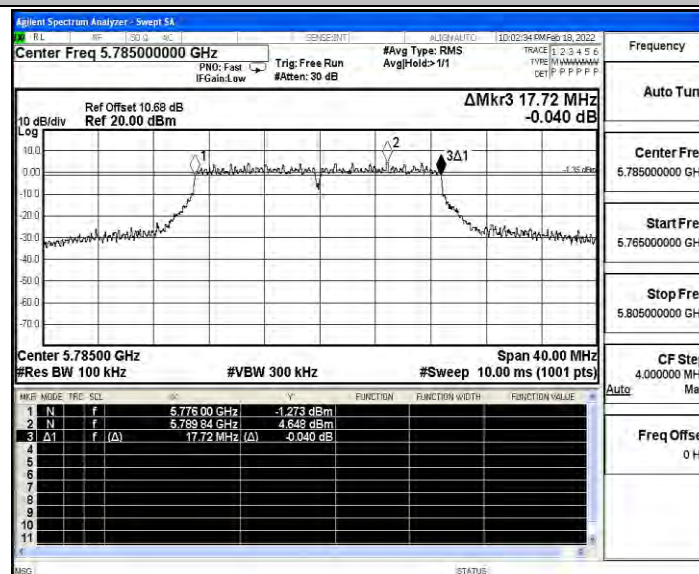
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11N20SISO_Ant0_5745

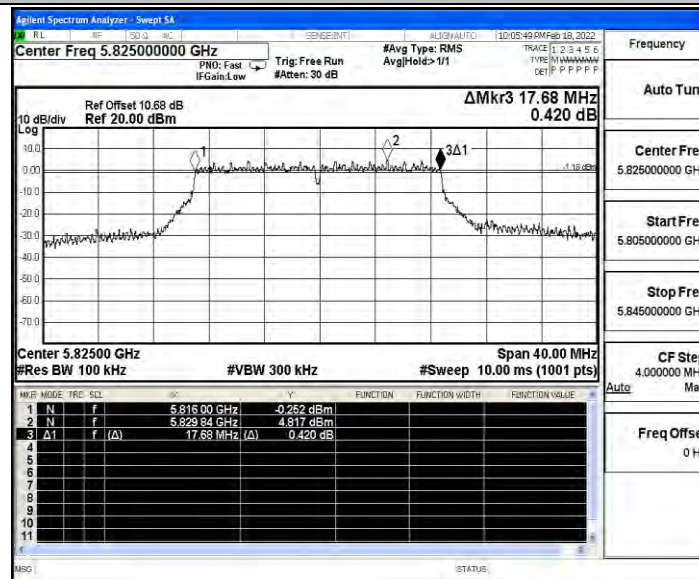


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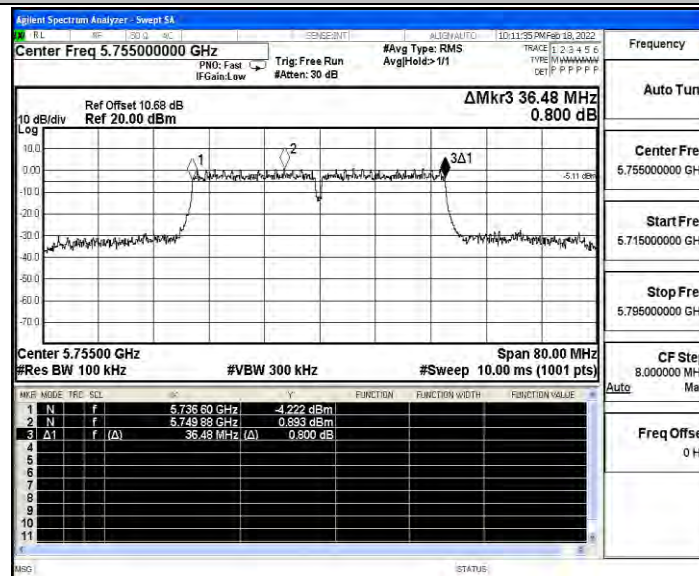




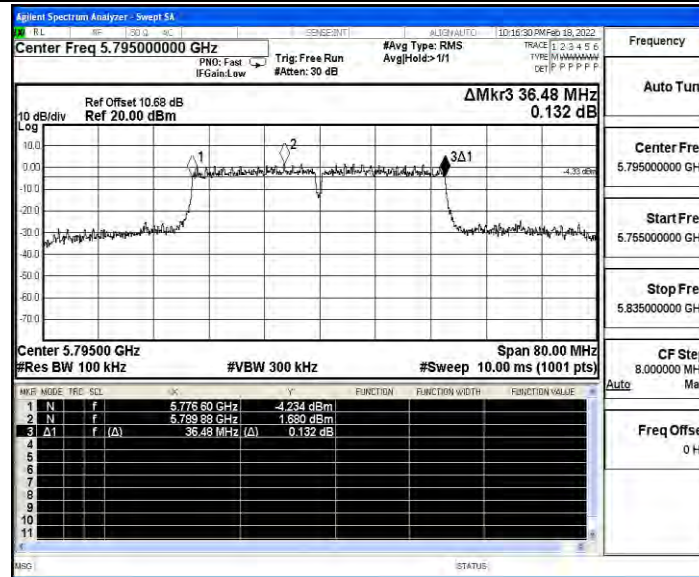
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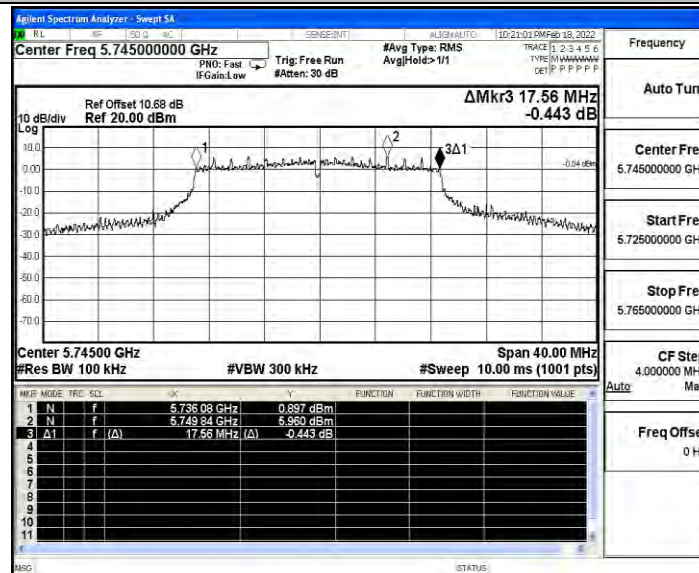
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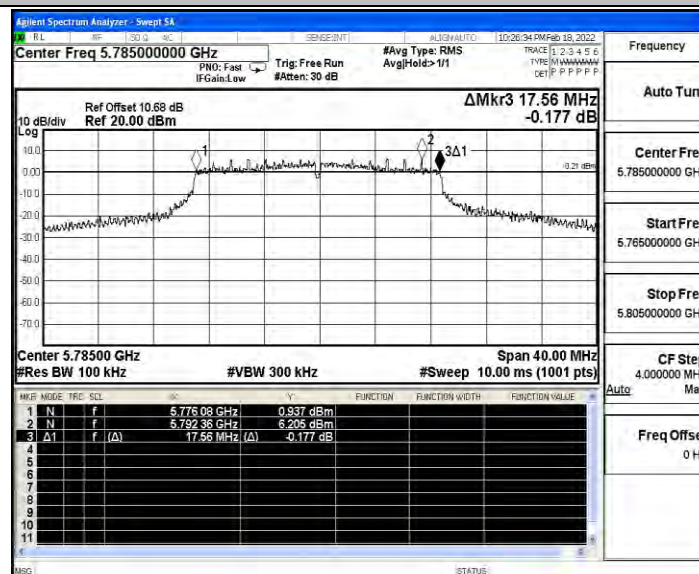
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11AC20SISO_Ant0_5745

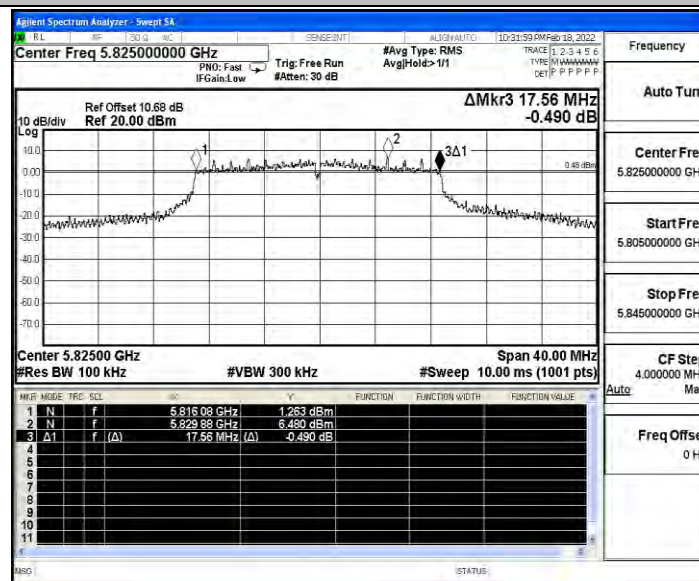


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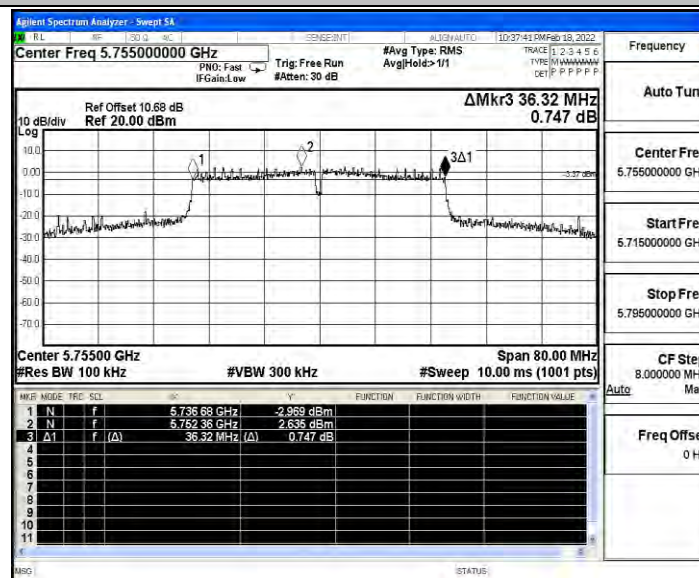




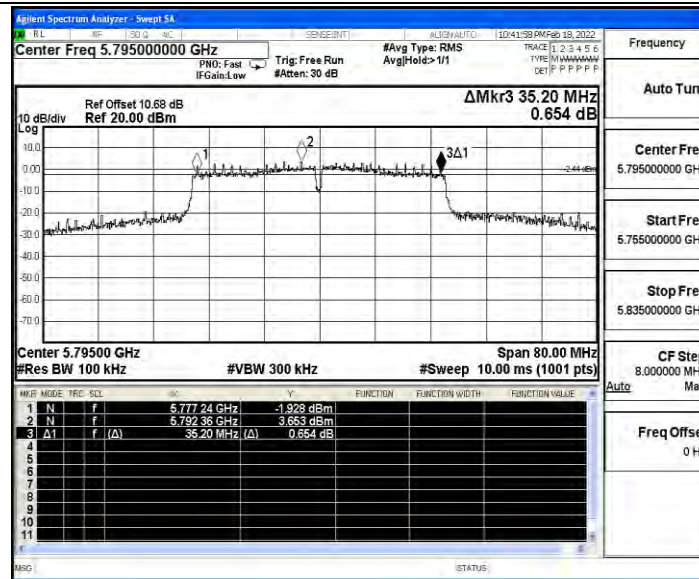
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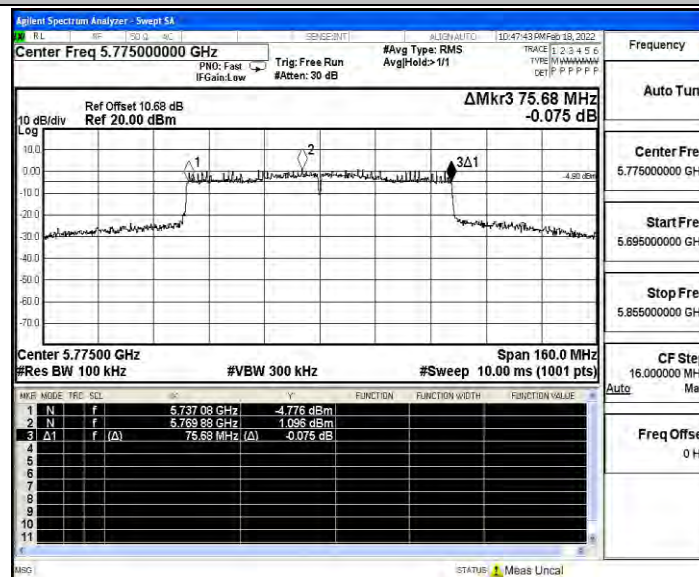
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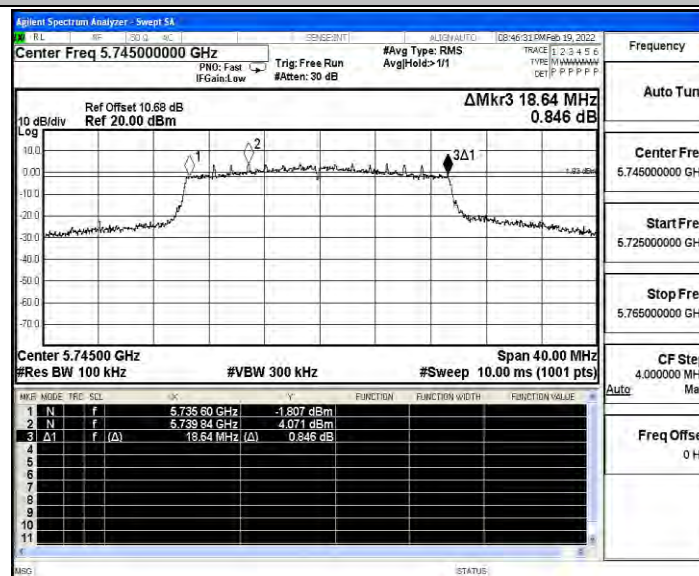
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11AC80SISO_Ant0_5775

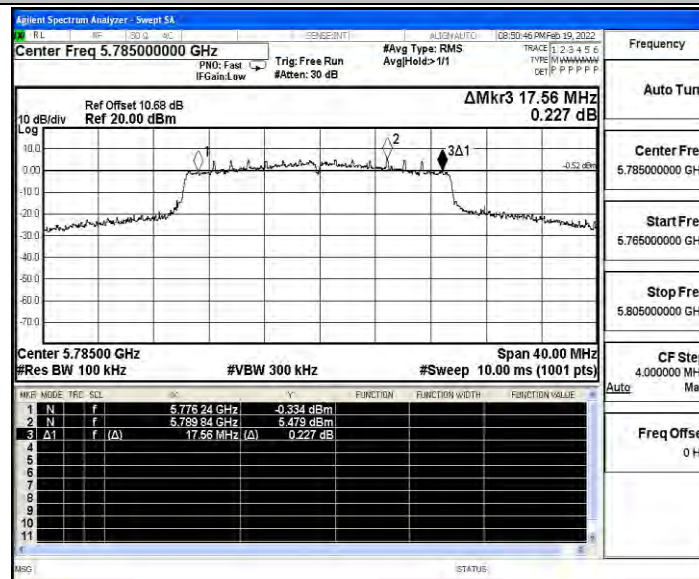


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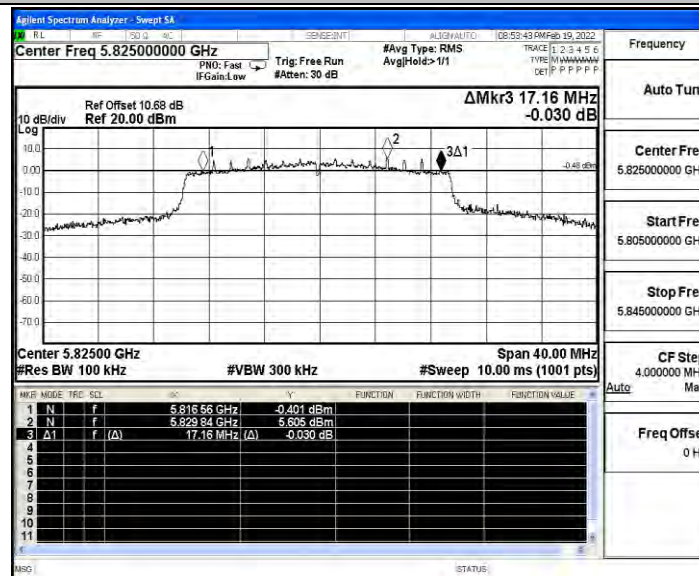




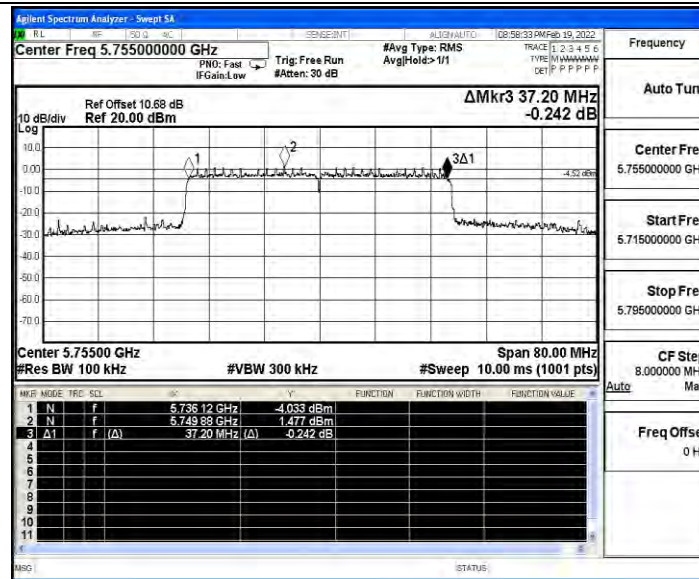
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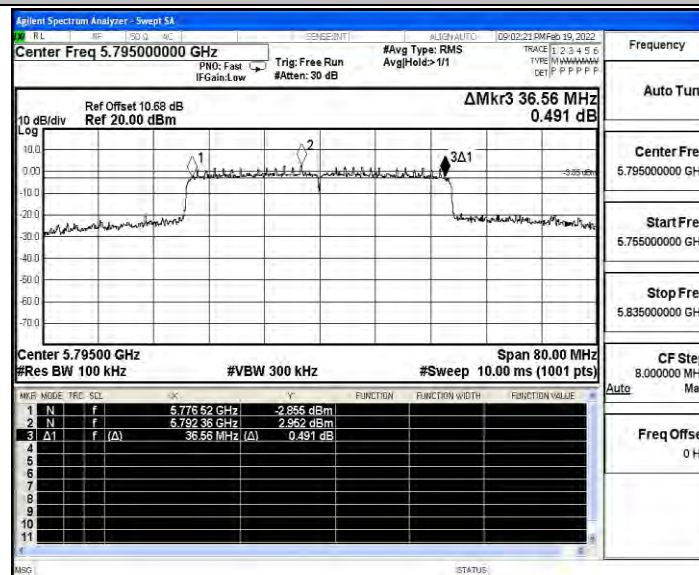
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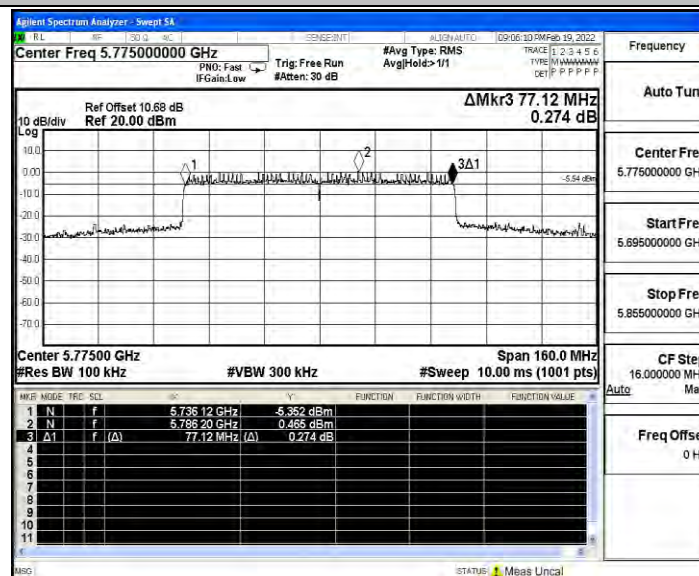
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11AX40SISO_Ant0_5795



11AX80SISO_Ant0_5775





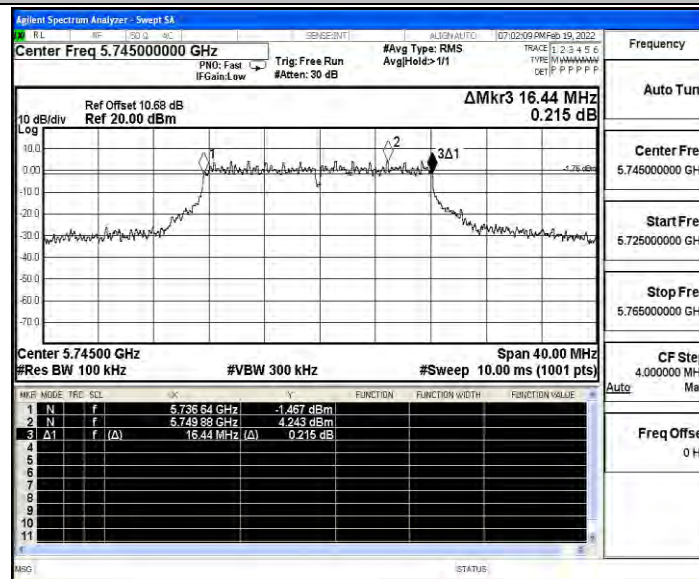
Test Result

TestMode	Antenna	Channel	6db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5745	16.440	5736.640	5753.080	0.5	PASS
		5785	16.360	5776.680	5793.040	0.5	PASS
		5825	16.360	5816.680	5833.040	0.5	PASS
11N20SISO	Ant1	5745	17.720	5736.000	5753.720	0.5	PASS
		5785	17.680	5776.040	5793.720	0.5	PASS
		5825	17.720	5816.000	5833.720	0.5	PASS
11N40SISO	Ant1	5755	36.400	5736.680	5773.080	0.5	PASS
		5795	36.400	5776.680	5813.080	0.5	PASS
11AC20SISO	Ant1	5745	17.560	5736.080	5753.640	0.5	PASS
		5785	17.560	5776.080	5793.640	0.5	PASS
		5825	17.520	5816.080	5833.600	0.5	PASS
11AC40SISO	Ant1	5755	35.680	5737.080	5772.760	0.5	PASS
		5795	35.120	5777.240	5812.360	0.5	PASS
11AC80SISO	Ant1	5775	75.040	5737.400	5812.440	0.5	PASS
11AX20SISO	Ant1	5745	18.720	5735.520	5754.240	0.5	PASS
		5785	18.840	5775.400	5794.240	0.5	PASS
		5825	18.720	5815.560	5834.280	0.5	PASS
11AX40SISO	Ant1	5755	37.760	5735.960	5773.720	0.5	PASS
		5795	37.520	5776.120	5813.640	0.5	PASS
11AX80SISO	Ant1	5775	77.120	5736.120	5813.240	0.5	PASS

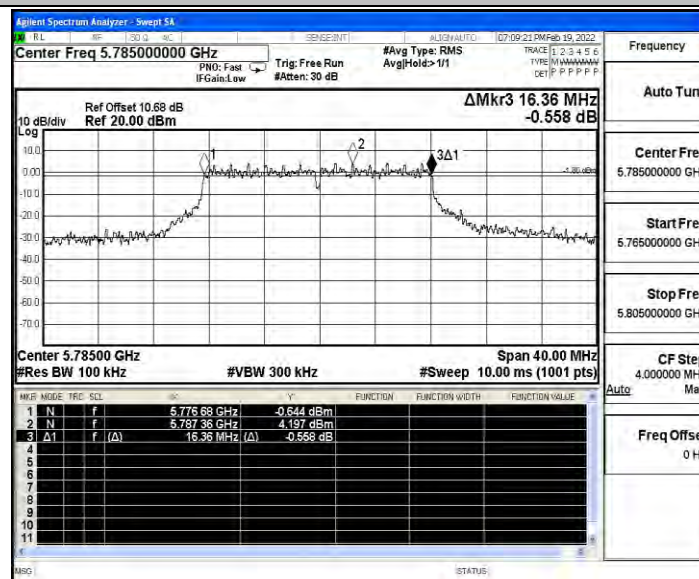


Test Graphs

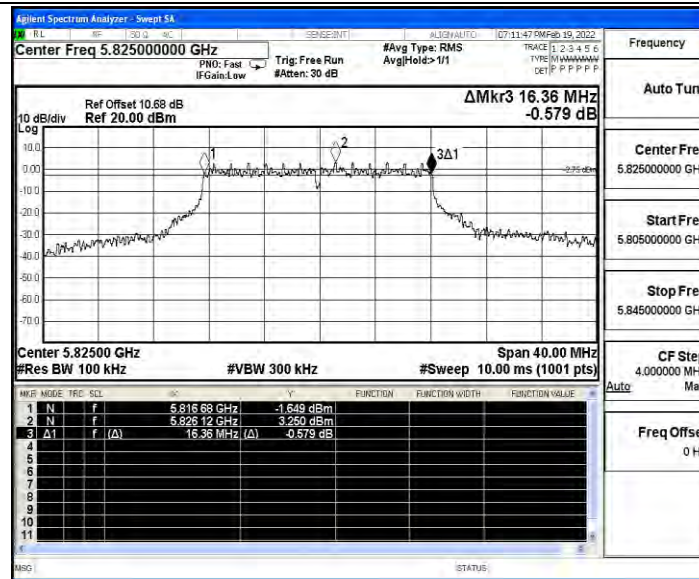
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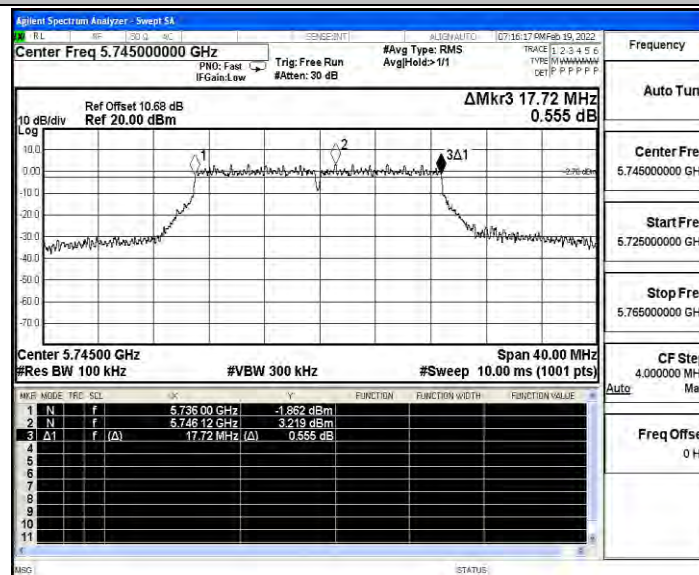
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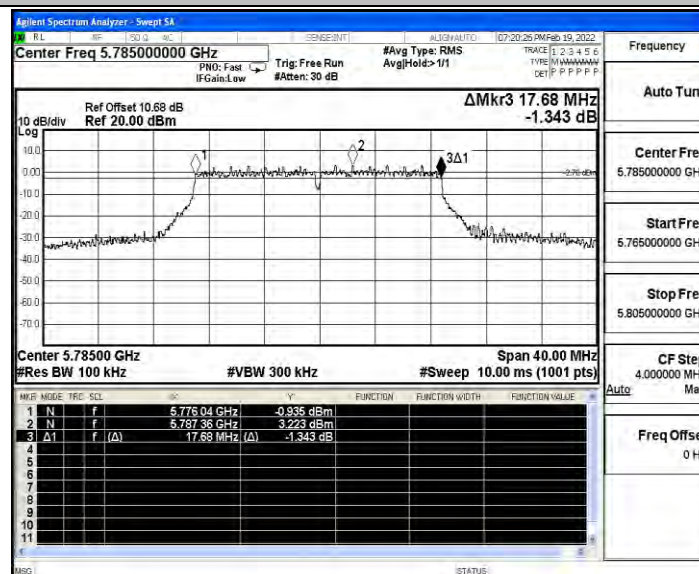
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11N20SISO_Ant1_5745

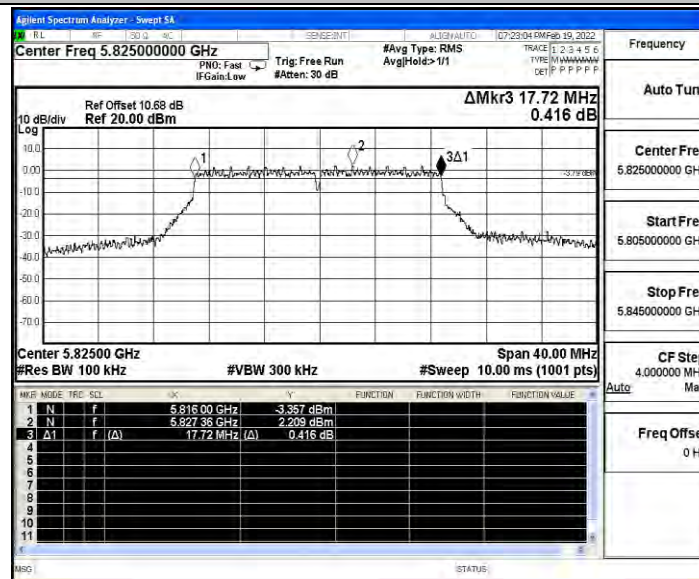


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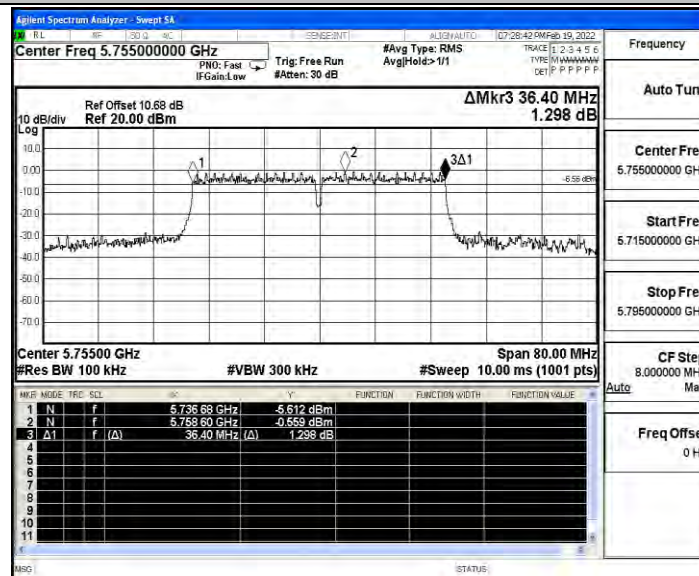




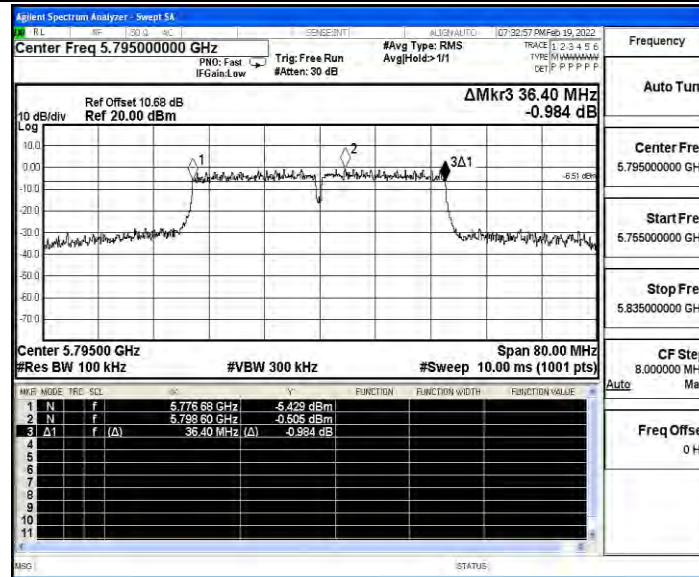
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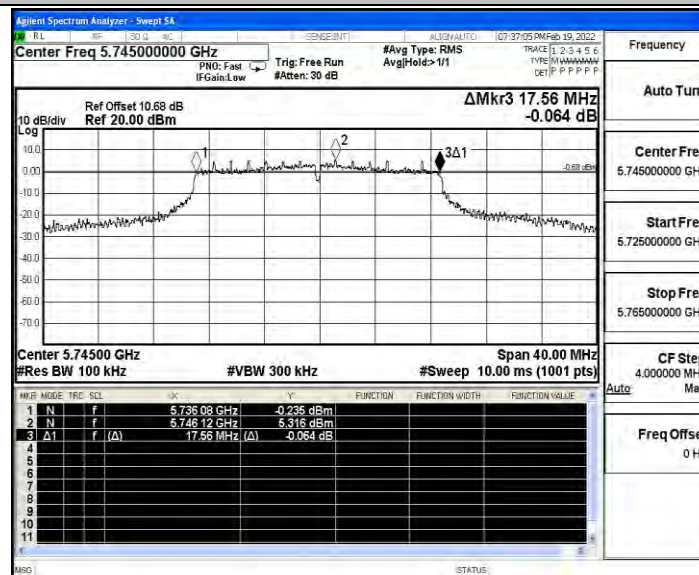
11N40SISO_Ant1_5755



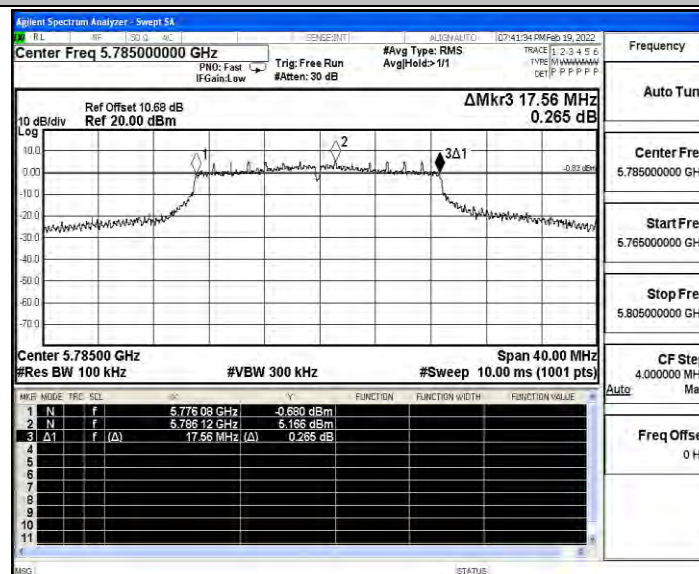
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11AC20SISO_Ant1_5745

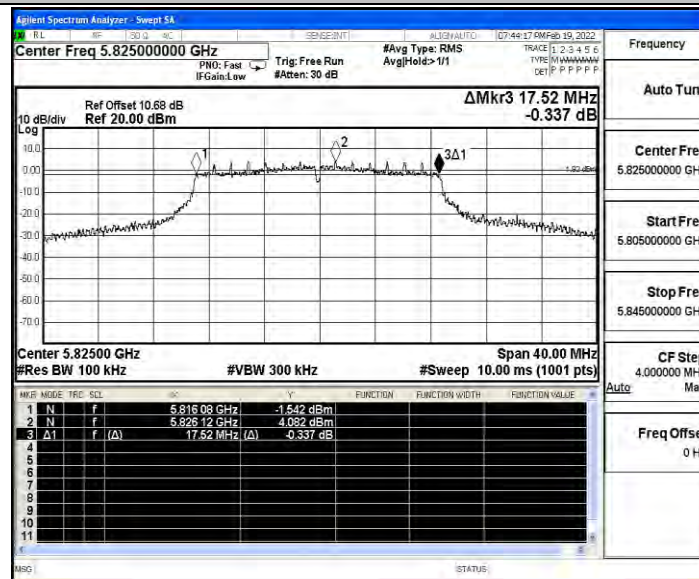


11AC20SISO_Ant1_5785

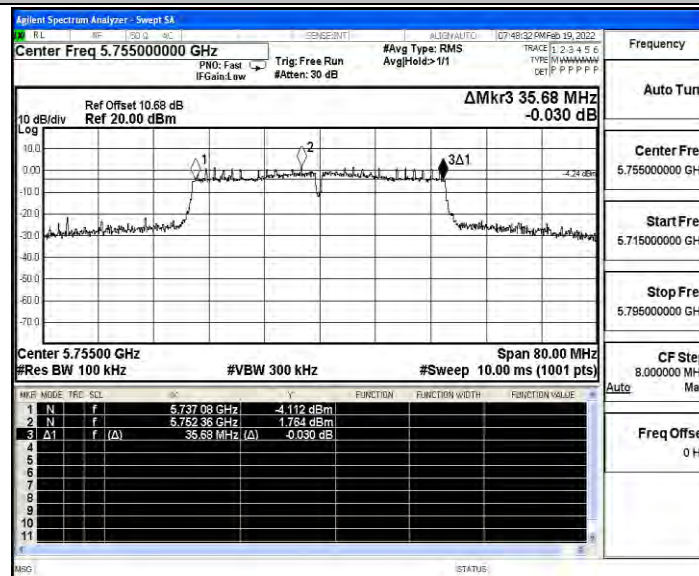




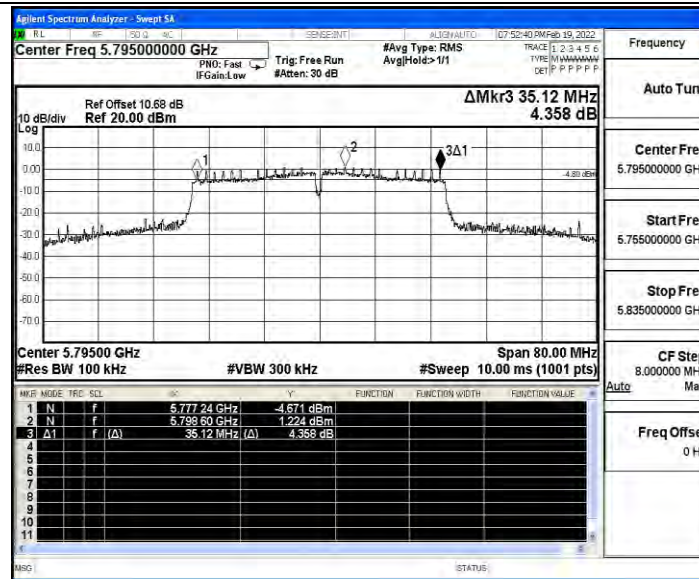
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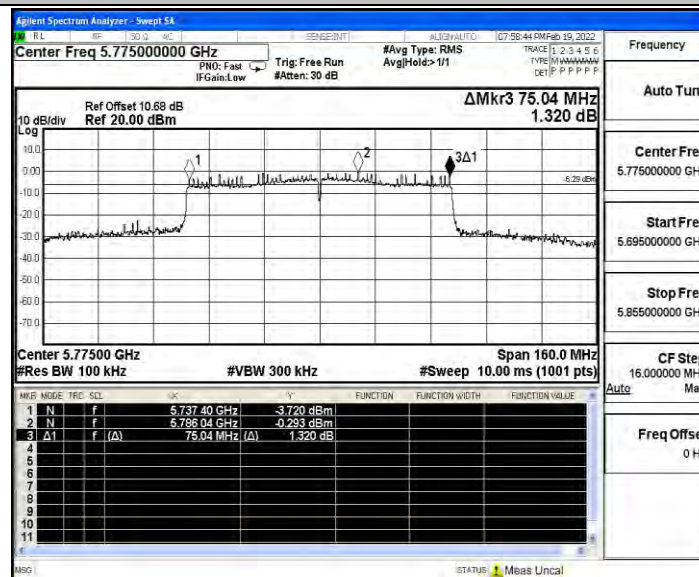
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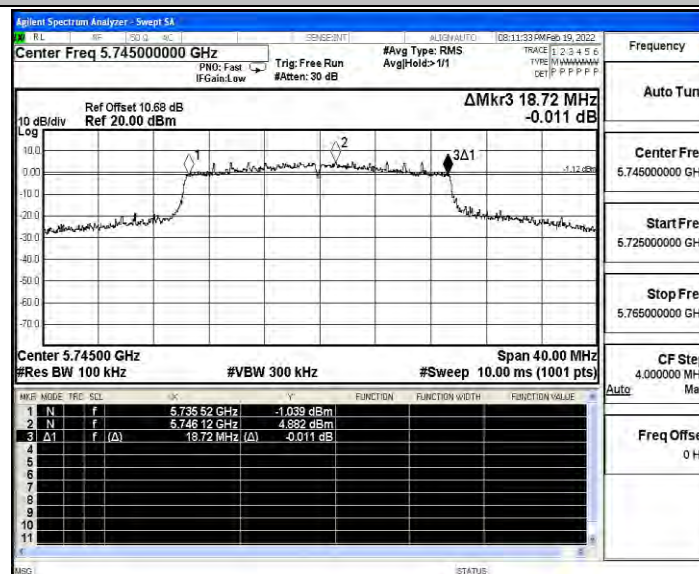
11AC40SISO_Ant1_5795



11AC80SISO_Ant1_5775

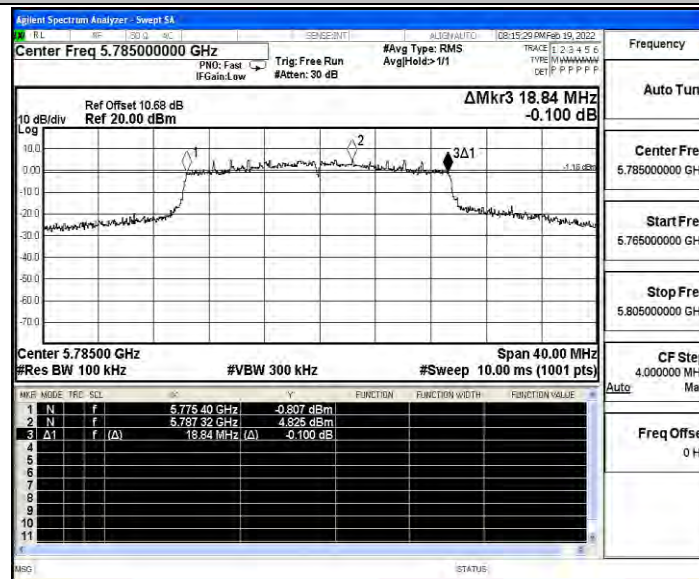


11AX20SISO_Ant1_5745

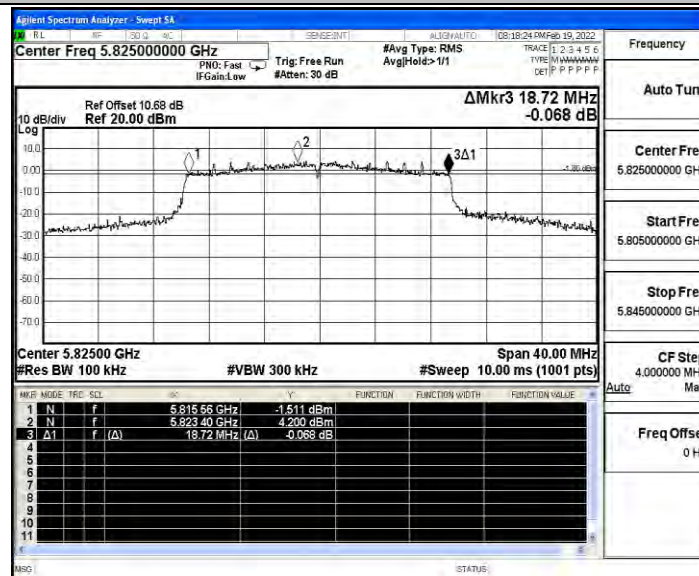




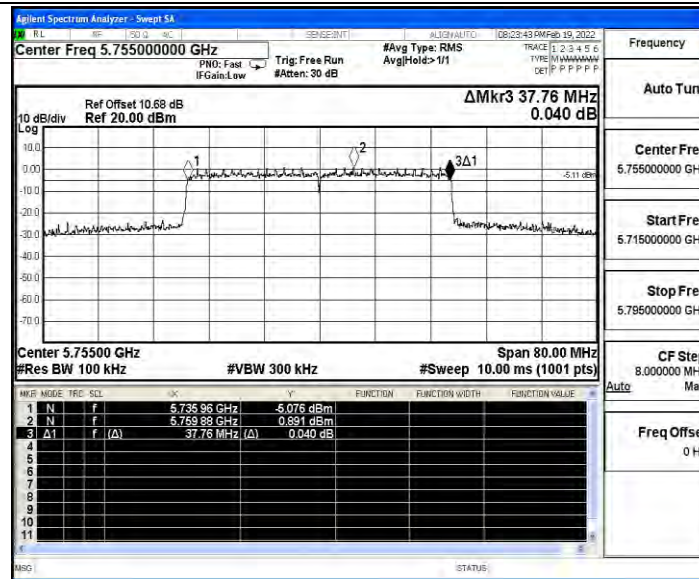
11AX20SISO_Ant1_5785



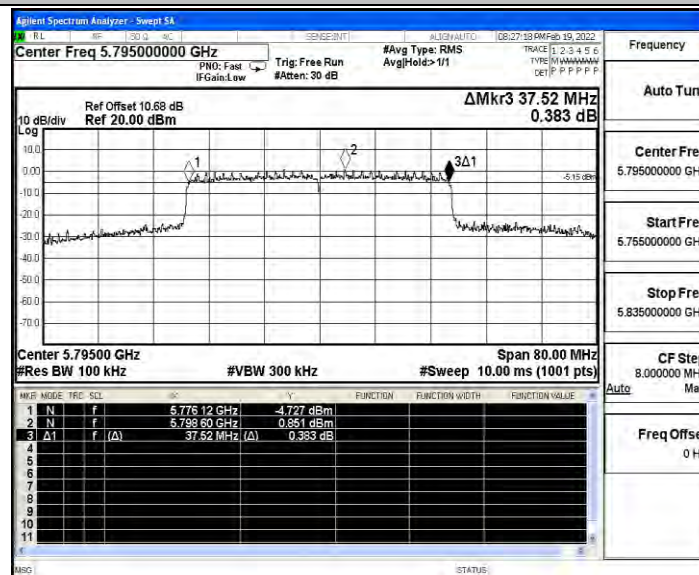
11AX20SISO_Ant1_5825



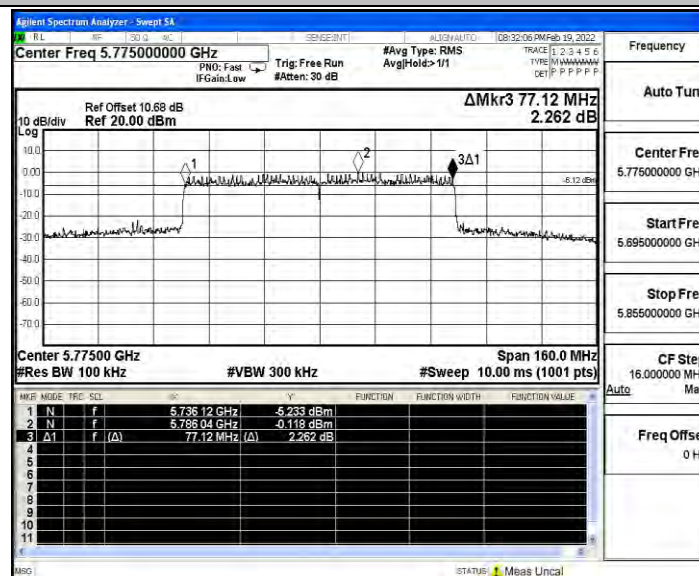
11AX40SISO_Ant1_5755



11AX40SISO_Ant1_5795



11AX80SISO_Ant1_5775





E.2 Maximum conducted output power

Test Result

TestMode	Antenna	Channel	Result[dBm]	Limit[dBm]	Verdict
11A	Ant0	5745	14.28	≤30.00	PASS
		5785	14.65	≤30.00	PASS
		5825	14.60	≤30.00	PASS
11N20SISO	Ant0	5745	13.64	≤30.00	PASS
		5785	13.81	≤30.00	PASS
		5825	13.75	≤30.00	PASS
11N40SISO	Ant0	5755	13.05	≤30.00	PASS
		5795	13.77	≤30.00	PASS
11AC20SISO	Ant0	5745	15.08	≤30.00	PASS
		5785	15.26	≤30.00	PASS
		5825	15.86	≤30.00	PASS
11AC40SISO	Ant0	5755	14.61	≤30.00	PASS
		5795	15.13	≤30.00	PASS
11AC80SISO	Ant0	5775	15.35	≤30.00	PASS
11AX20SISO	Ant0	5745	13.82	≤30.00	PASS
		5785	14.81	≤30.00	PASS
		5825	14.42	≤30.00	PASS
11AX40SISO	Ant0	5755	13.77	≤30.00	PASS
		5795	14.55	≤30.00	PASS
11AX80SISO	Ant0	5775	14.61	≤30.00	PASS

TestMode	Antenna	Channel	Result[dBm]	Limit[dBm]	Verdict
11A	Ant1	5745	13.74	≤30.00	PASS
		5785	13.67	≤30.00	PASS
		5825	12.74	≤30.00	PASS
11N20SISO	Ant1	5745	12.71	≤30.00	PASS
		5785	12.65	≤30.00	PASS
		5825	12.70	≤30.00	PASS
11N40SISO	Ant1	5755	12.74	≤30.00	PASS
		5795	12.57	≤30.00	PASS
11AC20SISO	Ant1	5745	14.86	≤30.00	PASS
		5785	14.64	≤30.00	PASS
		5825	13.68	≤30.00	PASS
11AC40SISO	Ant1	5755	13.29	≤30.00	PASS
		5795	12.91	≤30.00	PASS
11AC80SISO	Ant1	5775	13.66	≤30.00	PASS
11AX20SISO	Ant1	5745	14.68	≤30.00	PASS
		5785	14.55	≤30.00	PASS



		5825	14.02	≤30.00	PASS
11AX40SISO	Ant1	5755	13.54	≤30.00	PASS
		5795	13.09	≤30.00	PASS
11AX80SISO	Ant1	5775	14.04	≤30.00	PASS

MIMO

Condition	Mode	Frequency (MHz)	Total Power (dBm)			Limit (dBm)	Verdict
			Ant 0	Ant 1	MIMO		
NVNT	n20	5745	13.64	12.71	16.21	30	Pass
NVNT	n20	5785	13.81	12.65	16.28	30	Pass
NVNT	n20	5825	13.75	12.70	16.27	30	Pass
NVNT	n40	5755	13.05	12.74	15.91	30	Pass
NVNT	n40	5795	13.77	12.57	16.22	30	Pass
NVNT	ac20	5745	15.08	14.86	17.98	30	Pass
NVNT	ac20	5785	15.26	14.64	17.97	30	Pass
NVNT	ac20	5825	15.86	13.68	17.92	30	Pass
NVNT	ac40	5755	14.61	13.29	17.01	30	Pass
NVNT	ac40	5795	15.13	12.91	17.17	30	Pass
NVNT	ac80	5775	15.35	13.66	17.60	30	Pass
NVNT	ax20	5745	13.82	14.68	17.28	30	Pass
NVNT	ax20	5785	14.81	14.55	17.69	30	Pass
NVNT	ax20	5825	14.42	14.02	17.23	30	Pass
NVNT	ax40	5755	13.77	13.54	16.67	30	Pass
NVNT	ax40	5795	14.55	13.09	16.89	30	Pass
NVNT	ax80	5775	14.61	14.04	17.34	30	Pass

Note: The Duty Cycle Factor is compensated in the graph.



E.3 Maximum power spectral density

Test Result

TestMode	Antenna	Channel	Result [dBm/MHz]	Limit[dBm/MHz]	Verdict
11A	Ant0	5745	2.31	≤30.00	PASS
		5785	2.85	≤30.00	PASS
		5825	2.68	≤30.00	PASS
11N20SISO	Ant0	5745	1.59	≤30.00	PASS
		5785	1.55	≤30.00	PASS
		5825	1.76	≤30.00	PASS
11N40SISO	Ant0	5755	-1.77	≤30.00	PASS
		5795	-0.82	≤30.00	PASS
11AC20SISO	Ant0	5745	3.77	≤30.00	PASS
		5785	4.21	≤30.00	PASS
		5825	5	≤30.00	PASS
11AC40SISO	Ant0	5755	0.27	≤30.00	PASS
		5795	1.08	≤30.00	PASS
11AC80SISO	Ant0	5775	-2.16	≤30.00	PASS
11AX20SISO	Ant0	5745	2.56	≤30.00	PASS
		5785	3.5	≤30.00	PASS
		5825	3.06	≤30.00	PASS
11AX40SISO	Ant0	5755	-2.07	≤30.00	PASS
		5795	-1.02	≤30.00	PASS
11AX80SISO	Ant0	5775	-4.22	≤30.00	PASS

TestMode	Antenna	Channel	Result [dBm/MHz]	Limit[dBm/MHz]	Verdict
11A	Ant1	5745	1.97	≤30.00	PASS
		5785	1.79	≤30.00	PASS
		5825	0.89	≤30.00	PASS
11N20SISO	Ant1	5745	0.84	≤30.00	PASS
		5785	0.6	≤30.00	PASS
		5825	-0.31	≤30.00	PASS
11N40SISO	Ant1	5755	-2.94	≤30.00	PASS
		5795	-3.08	≤30.00	PASS
11AC20SISO	Ant1	5745	3.53	≤30.00	PASS
		5785	3.38	≤30.00	PASS
		5825	2.41	≤30.00	PASS
11AC40SISO	Ant1	5755	-1.01	≤30.00	PASS
		5795	-1.12	≤30.00	PASS
11AC80SISO	Ant1	5775	-3.73	≤30.00	PASS
11AX20SISO	Ant1	5745	3.3	≤30.00	PASS
		5785	3.24	≤30.00	PASS



		5825	2.78	≤30.00	PASS
11AX40SISO	Ant1	5755	-2.33	≤30.00	PASS
		5795	-2.52	≤30.00	PASS
11AX80SISO	Ant1	5775	-4.35	≤30.00	PASS

MIMO

Condition	Mode	Frequency (MHz)	Total PSD (dBm)			Limit (dBm)	Verdict
			Ant 0	Ant 1	MIMO		
NVNT	n20	5745	1.59	0.84	4.24	30	Pass
NVNT	n20	5785	1.55	0.6	4.11	30	Pass
NVNT	n20	5825	1.76	-0.31	3.86	30	Pass
NVNT	n40	5755	-1.77	-2.94	0.69	30	Pass
NVNT	n40	5795	-0.82	-3.08	1.21	30	Pass
NVNT	ac20	5745	3.77	3.53	6.66	30	Pass
NVNT	ac20	5785	4.21	3.38	6.83	30	Pass
NVNT	ac20	5825	5	2.41	6.91	30	Pass
NVNT	ac40	5755	0.27	-1.01	2.69	30	Pass
NVNT	ac40	5795	1.08	-1.12	3.13	30	Pass
NVNT	ac80	5775	-2.16	-3.73	0.14	30	Pass
NVNT	ax20	5745	2.56	3.3	5.96	30	Pass
NVNT	ax20	5785	3.5	3.24	6.38	30	Pass
NVNT	ax20	5825	3.06	0.84	5.10	30	Pass
NVNT	ax40	5755	-2.07	0.6	2.48	30	Pass
NVNT	ax40	5795	-1.02	-0.31	2.36	30	Pass
NVNT	ax80	5775	-4.22	-2.94	-0.52	30	Pass

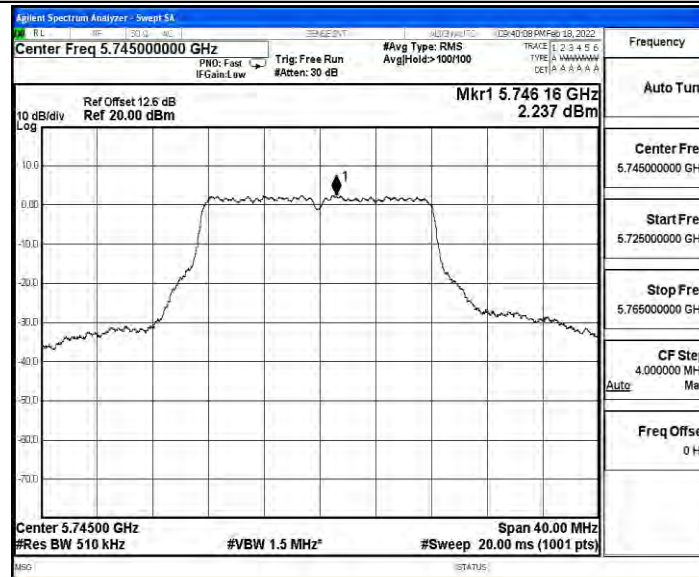
Note: 1.The Result and Limit Unit is dBm/500 kHz in the band 5.725–5.85 GHz.

2.The Duty Cycle Factor and RBW Factor is compensated in the graph.

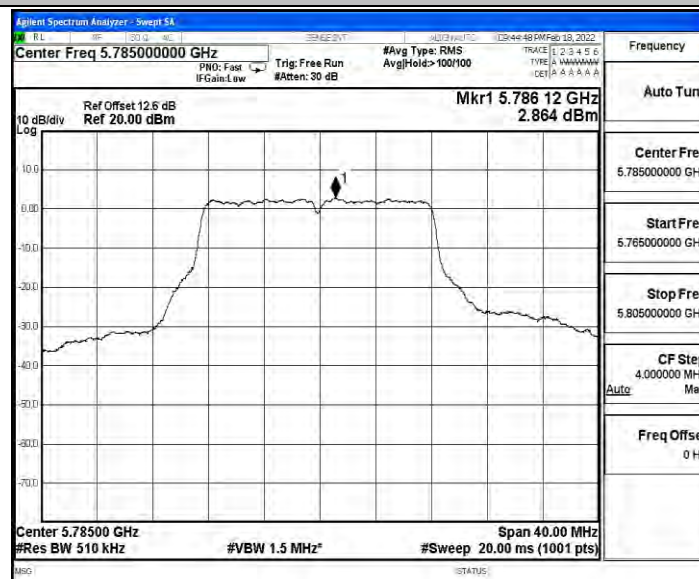


Test Graphs

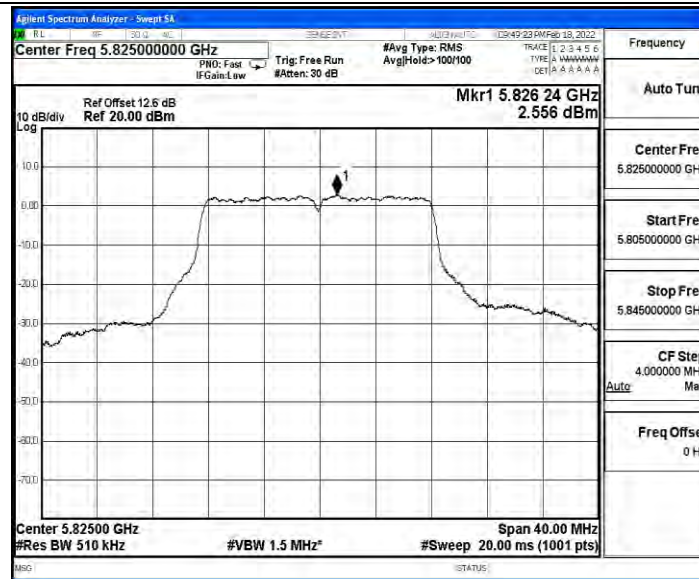
11A_Ant0_5745



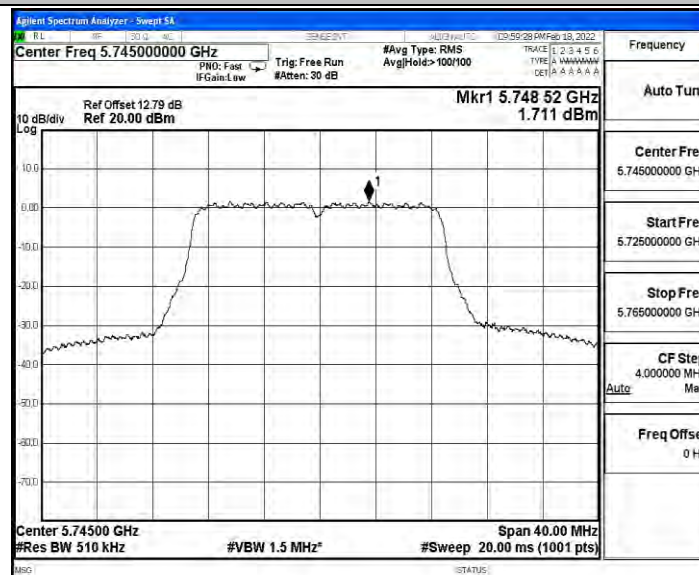
11A_Ant0_5785



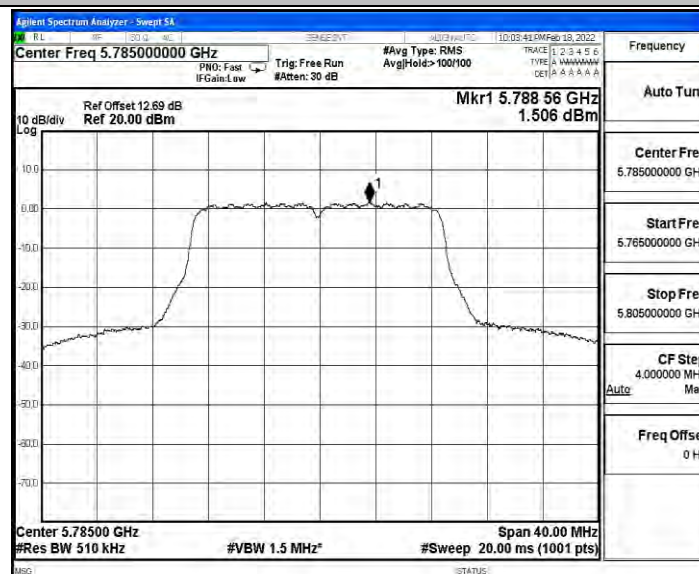
11A_Ant0_5825



11N20SISO_Ant0_5745

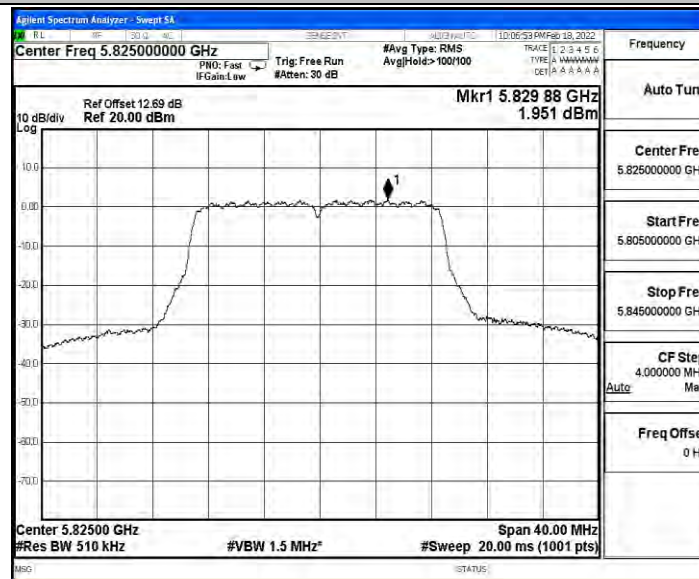


11N20SISO_Ant0_5785

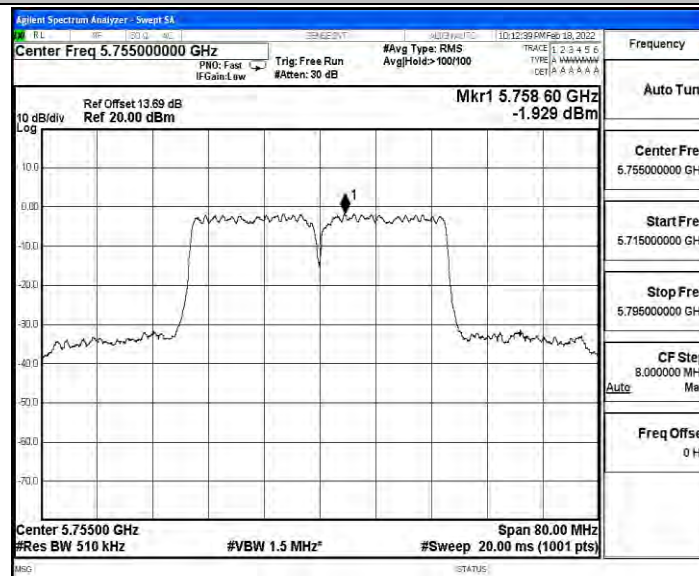




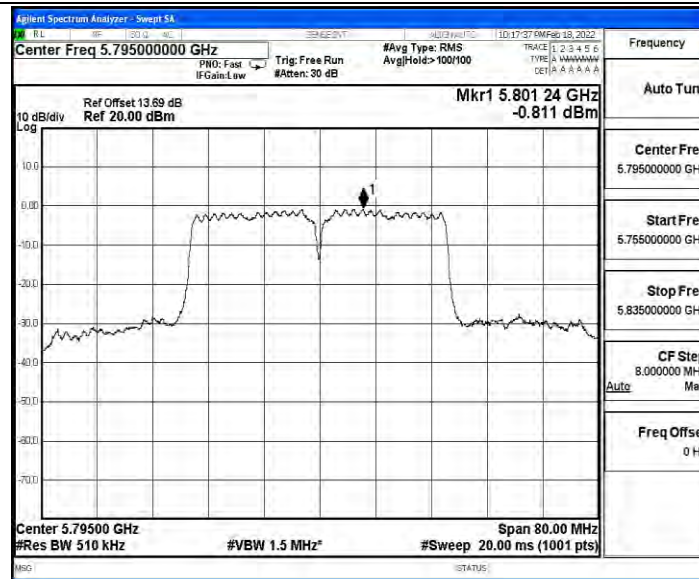
11N20SISO_Ant0_5825



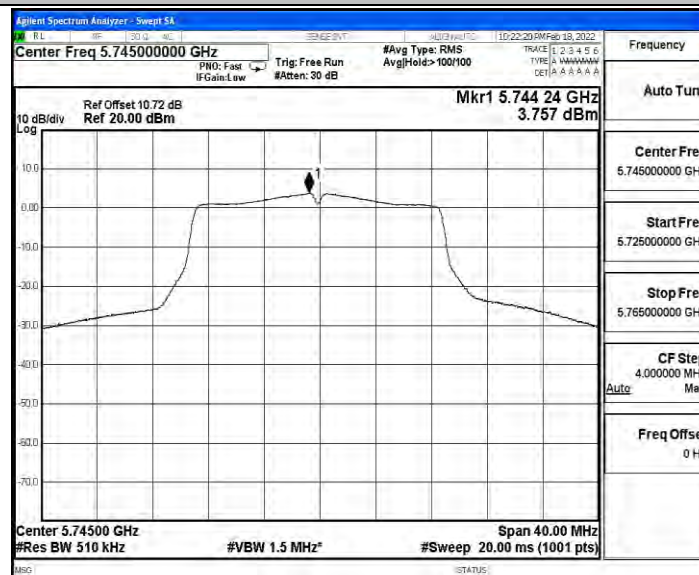
11N40SISO_Ant0_5755



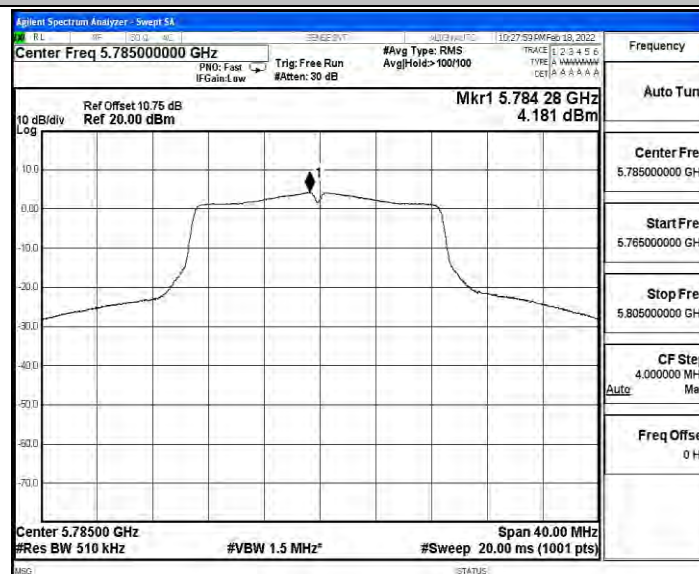
11N40SISO_Ant0_5795



11AC20SISO_Ant0_5745

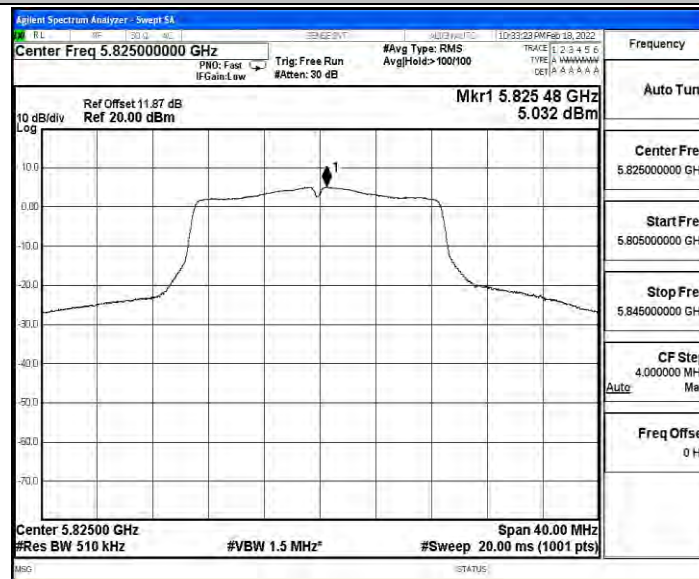


11AC20SISO_Ant0_5785

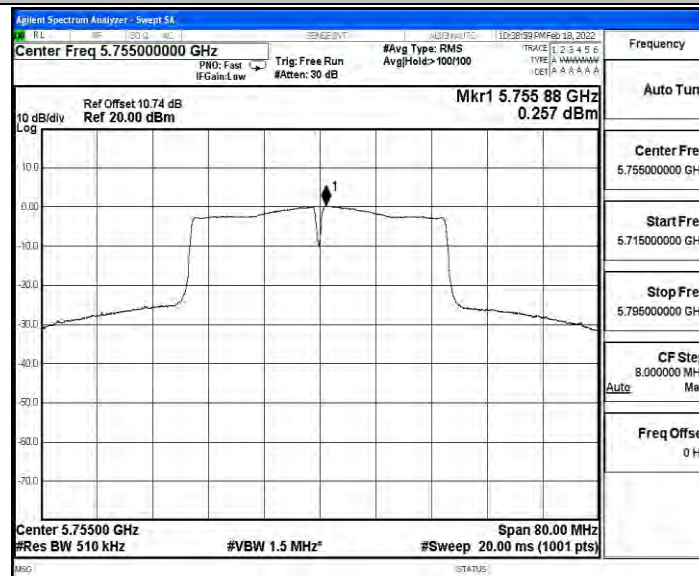




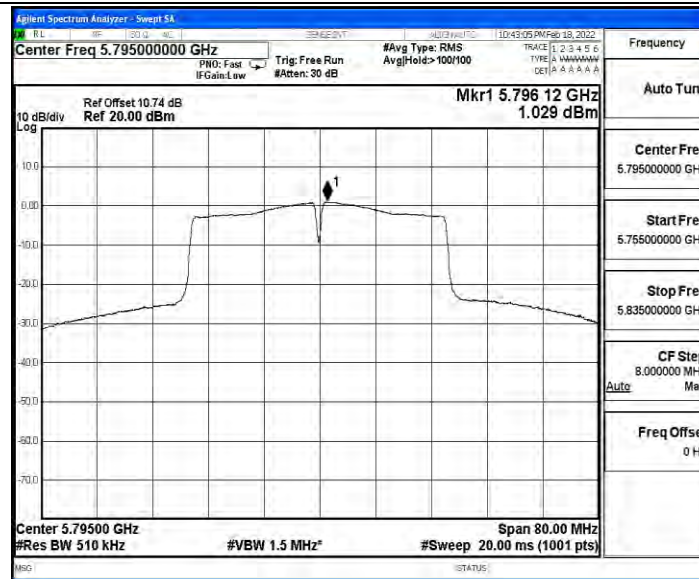
11AC20SISO_Ant0_5825



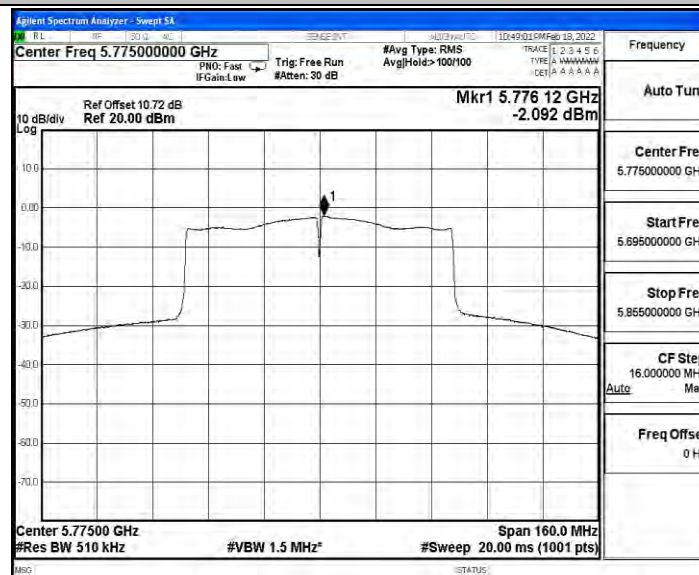
11AC40SISO_Ant0_5755



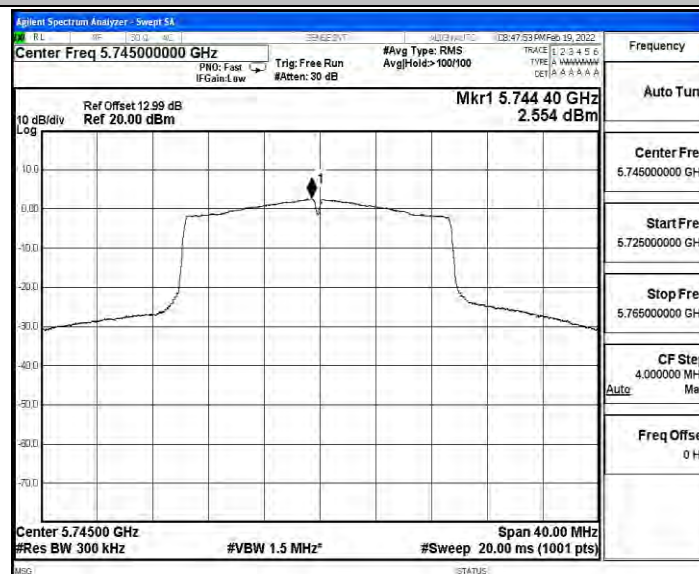
11AC40SISO_Ant0_5795



11AC80SISO_Ant0_5775

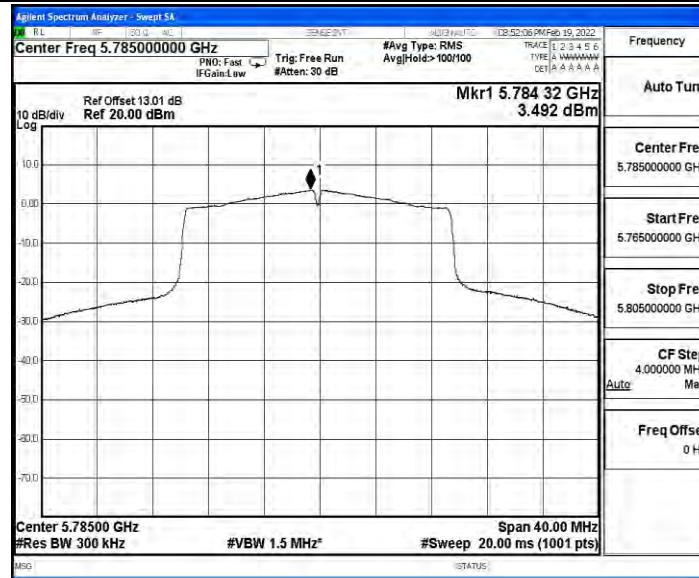


11AX20SISO_Ant0_5745

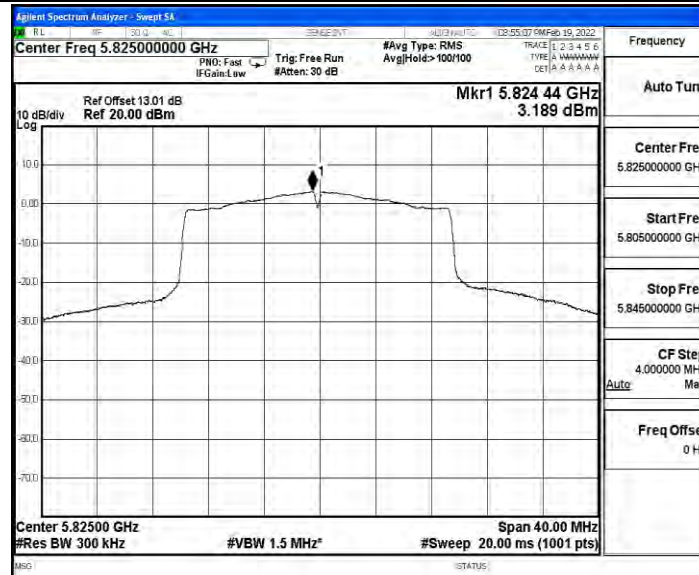




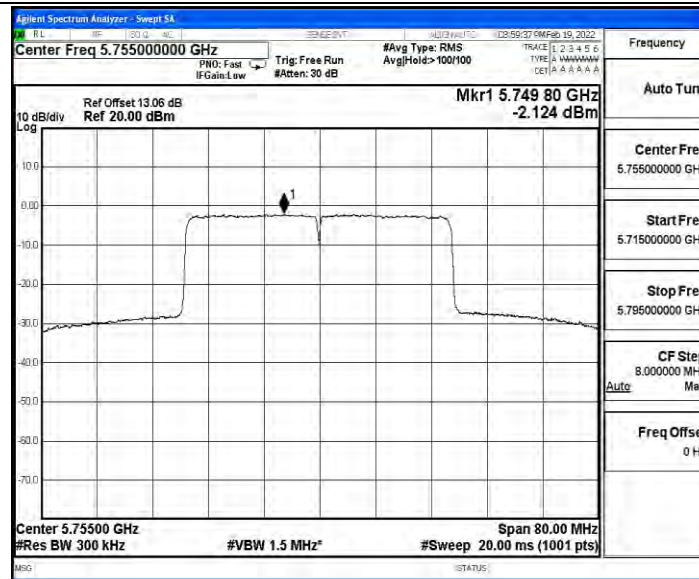
11AX20SISO_Ant0_5785



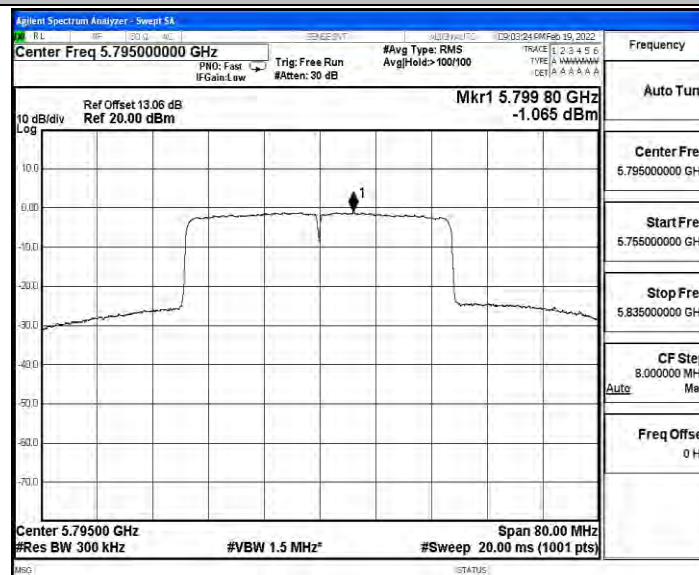
11AX20SISO_Ant0_5825



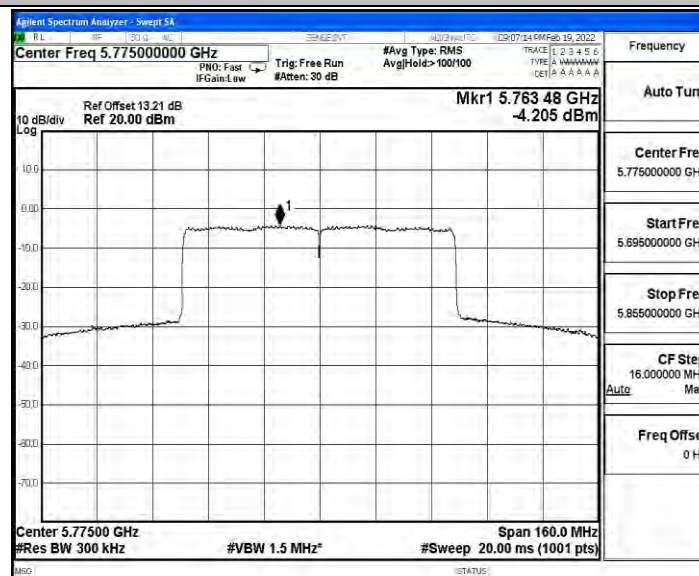
11AX40SISO_Ant0_5755



11AX40SISO_Ant0_5795



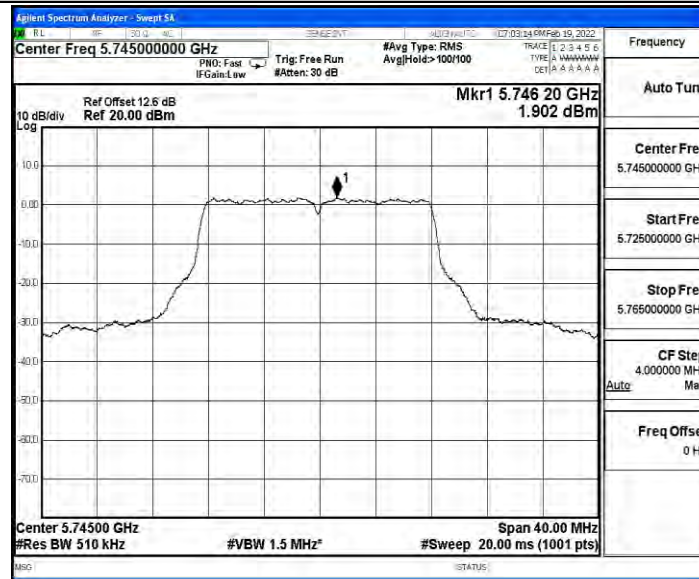
11AX80SISO_Ant0_5775



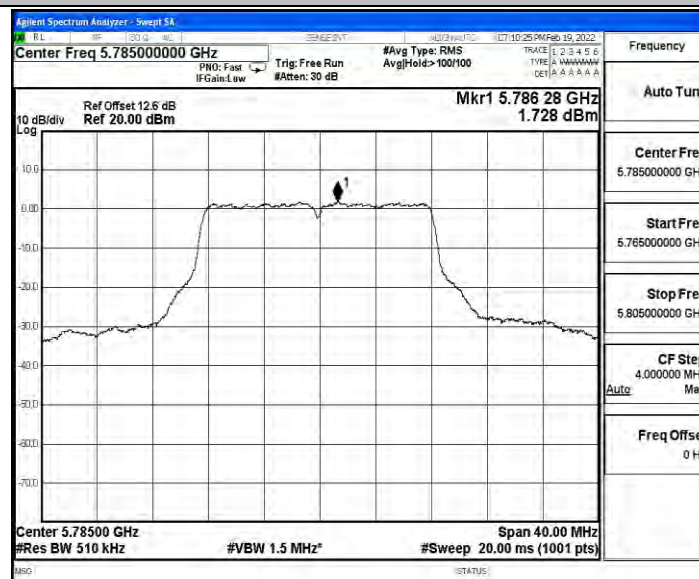


Test Graphs

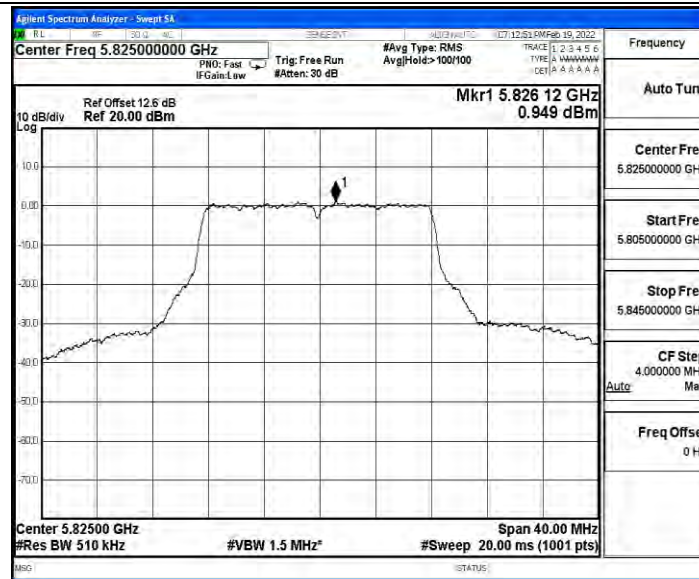
11A_Ant1_5745



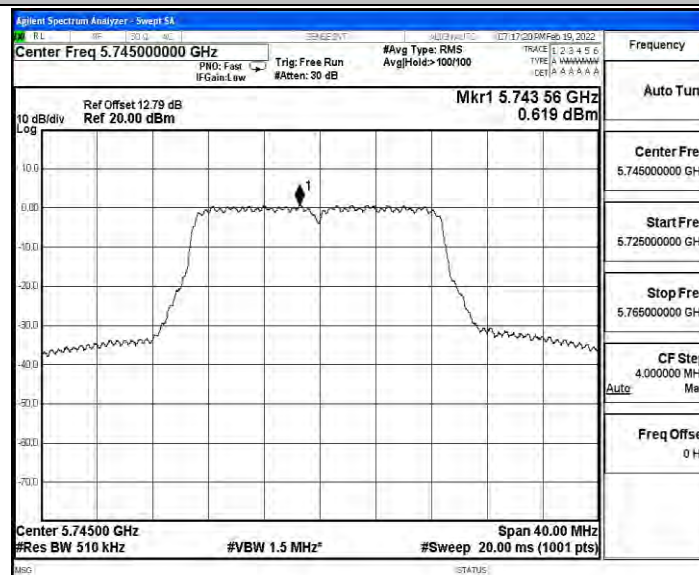
11A_Ant1_5785



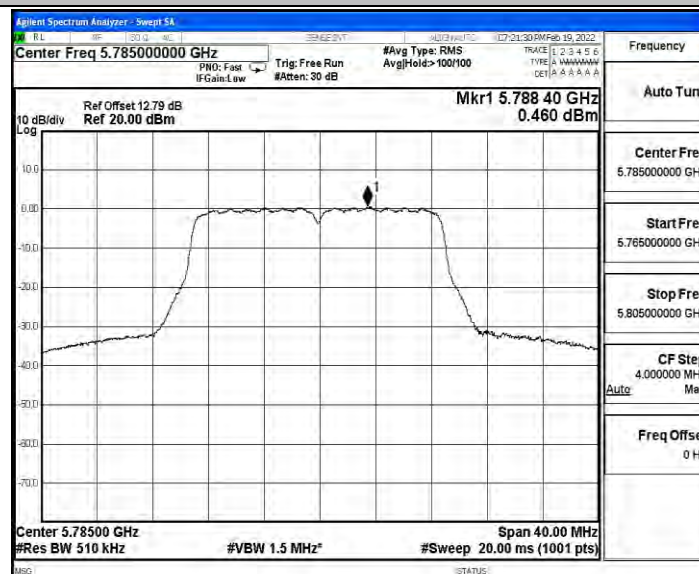
11A_Ant1_5825



11N20SISO_Ant1_5745

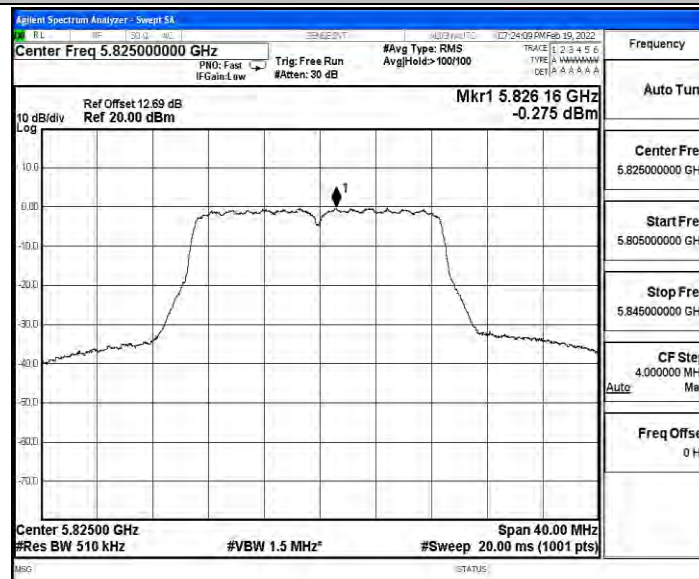


11N20SISO_Ant1_5785

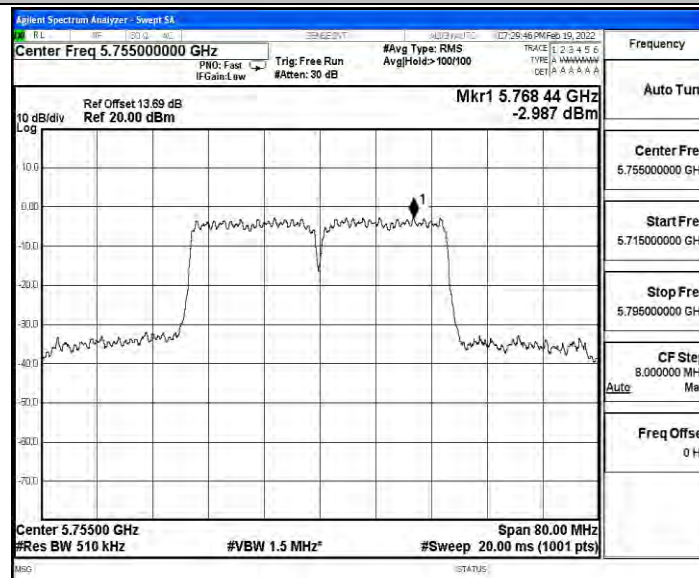




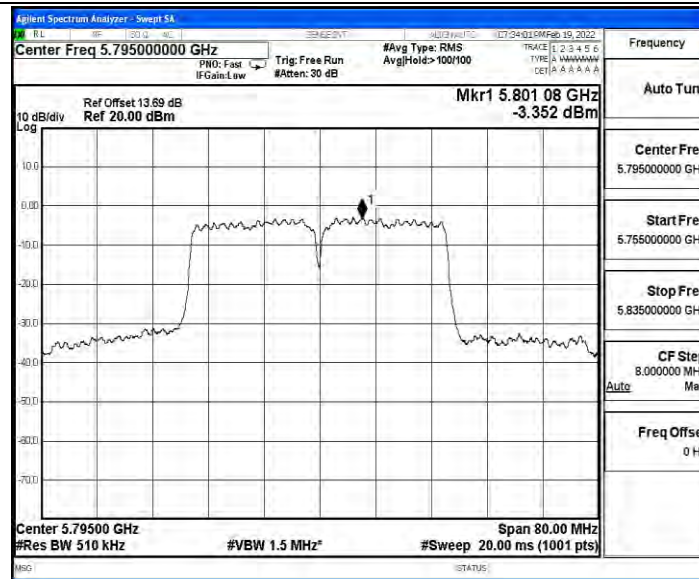
11N20SISO_Ant1_5825



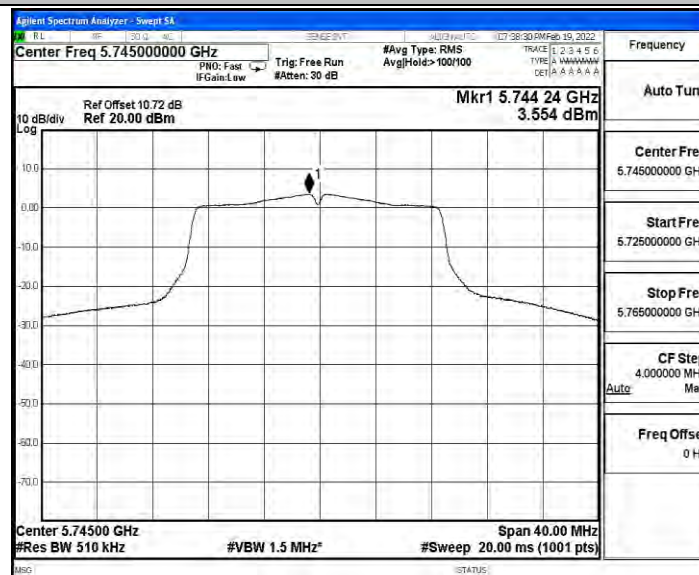
11N40SISO_Ant1_5755



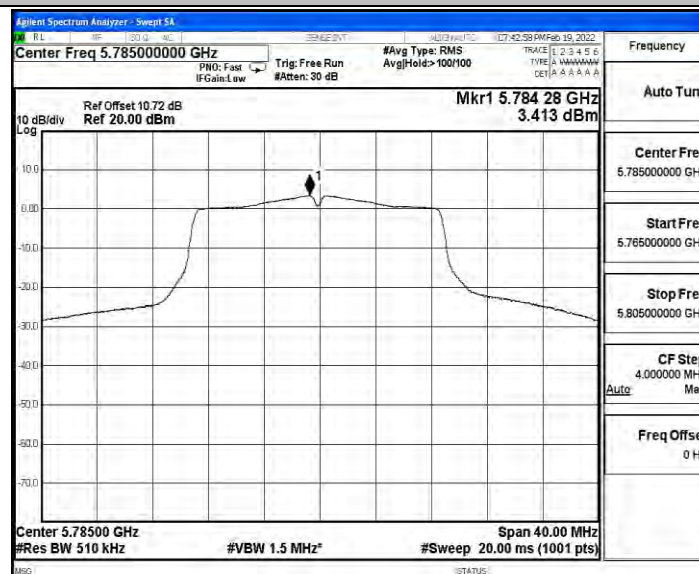
11N40SISO_Ant1_5795



11AC20SISO_Ant1_5745

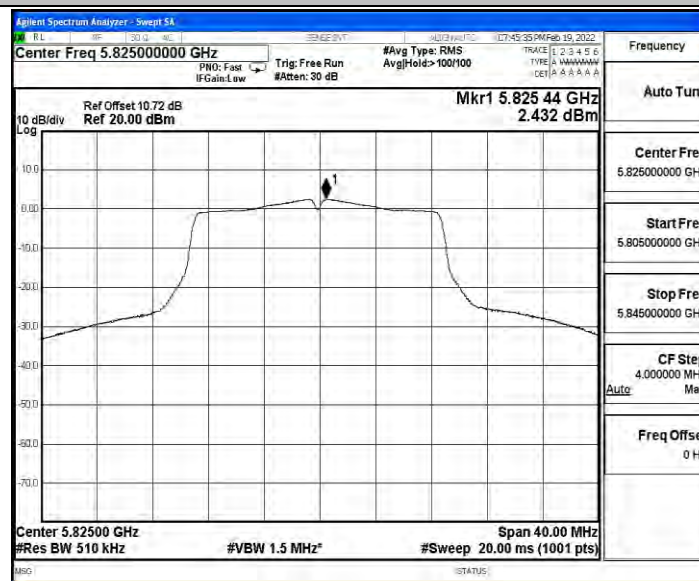


11AC20SISO_Ant1_5785

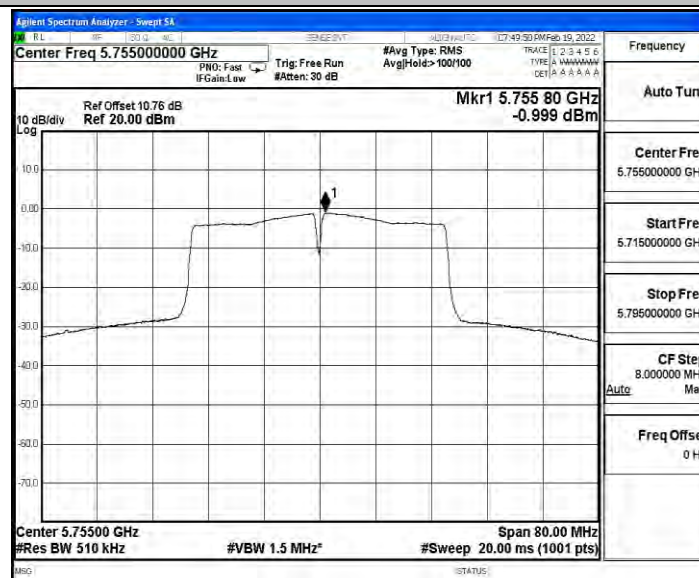




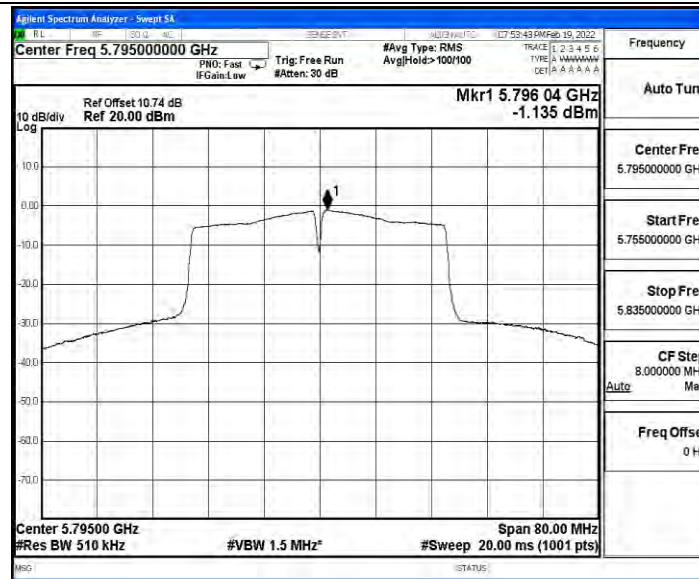
11AC20SISO_Ant1_5825



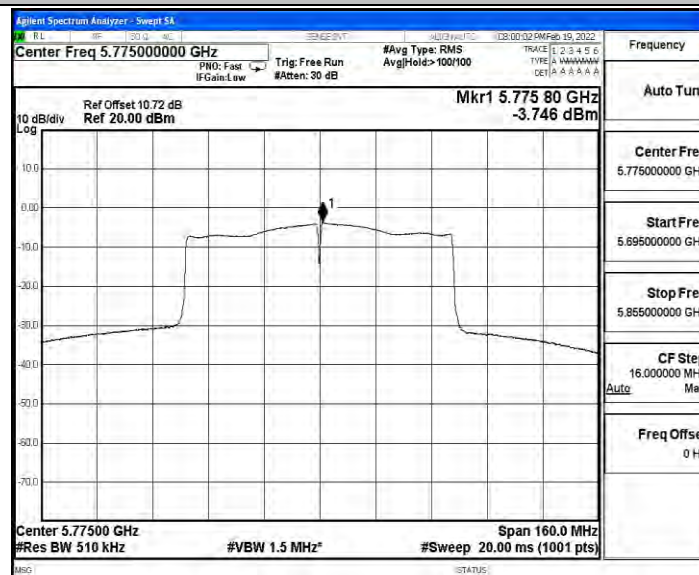
11AC40SISO_Ant1_5755



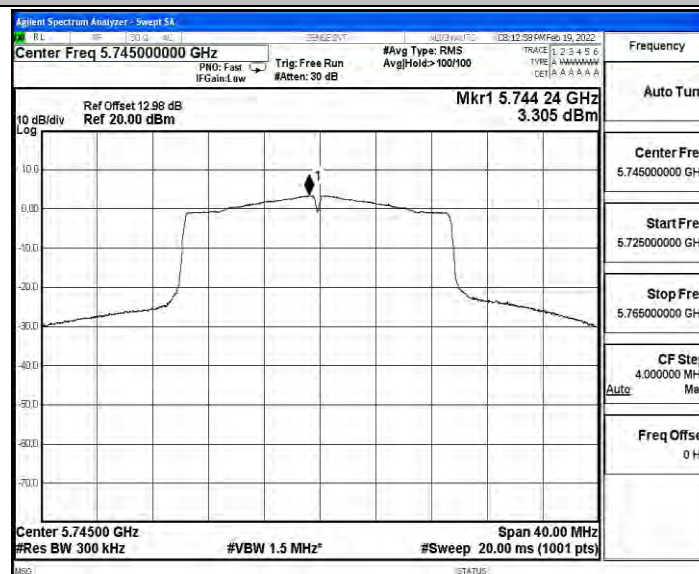
11AC40SISO_Ant1_5795



11AC80SISO_Ant1_5775

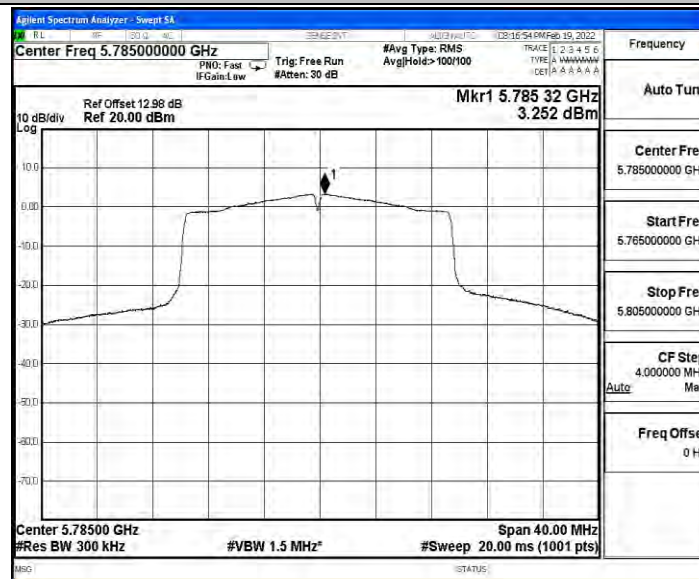


11AX20SISO_Ant1_5745

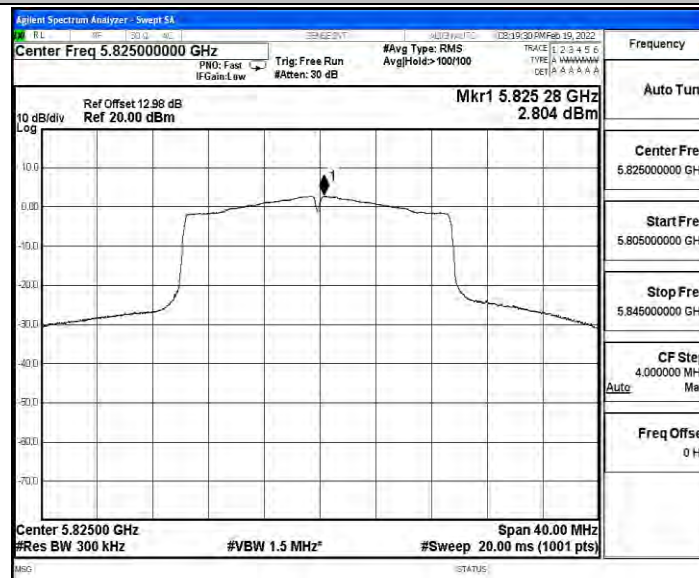




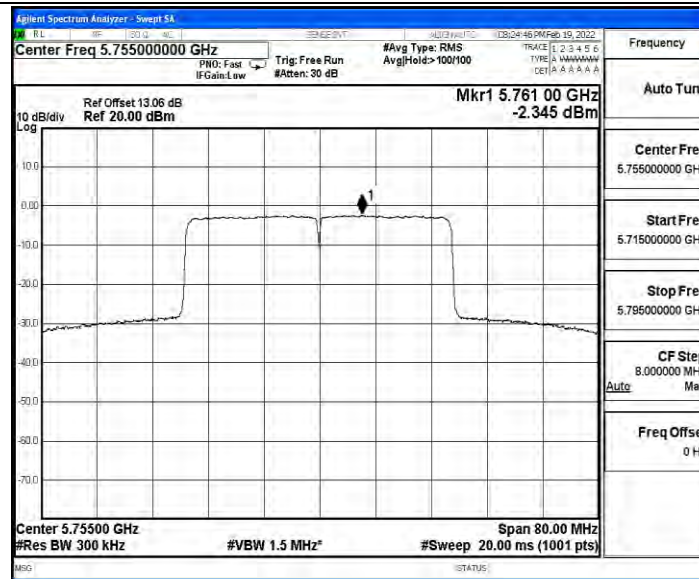
11AX20SISO_Ant1_5785



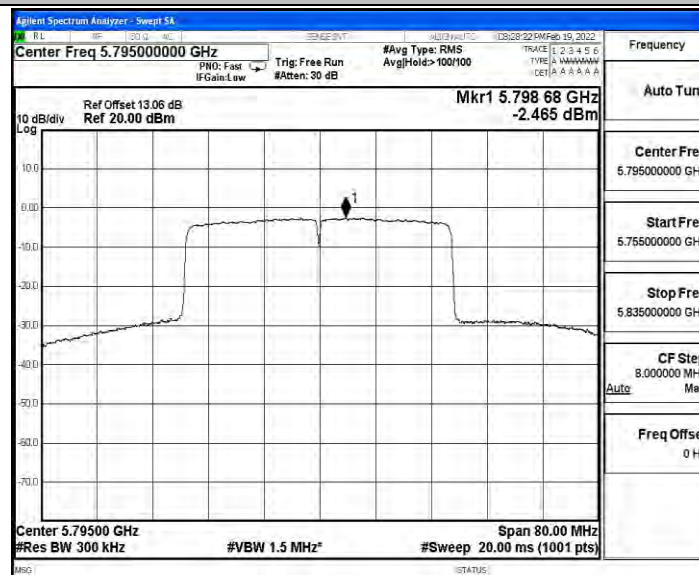
11AX20SISO_Ant1_5825



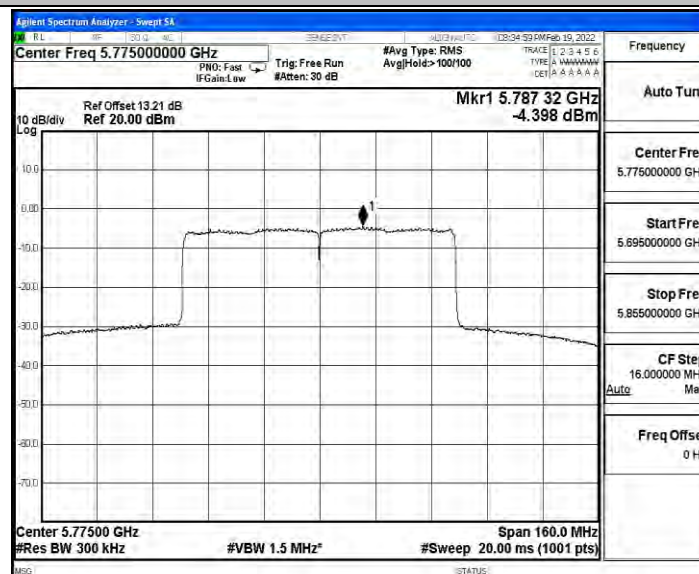
11AX40SISO_Ant1_5755



11AX40SISO_Ant1_5795



11AX80SISO_Ant1_5775





E.4 Emissions in Restricted Bands

Test Result

TestMode	Antenna	ChName	Channel	Detector	Freq. [MHz]	Result [dBm]	Limit [dBm]	Verdict
11A	Ant0	Low	5745	Peak	5650.000	-39.44	≤-27.00	PASS
				Peak	5700.000	-38.2	≤10.00	PASS
				Peak	5720.000	-38.34	≤15.60	PASS
				Peak	5725.000	-37.01	≤27.00	PASS
		High	5825	Peak	5850.000	-39.965	≤15.60	PASS
				Peak	5855.000	-38.81	≤27.00	PASS
				Peak	5875.000	-38.26	≤15.60	PASS
				Peak	5925.000	-38.79	≤10.00	PASS
11N20SIS O	Ant0	Low	5745	Peak	5650.000	-39.266	≤-27.00	PASS
				Peak	5700.000	-39.06	≤10.00	PASS
				Peak	5720.000	-39.57	≤15.60	PASS
				Peak	5725.000	-38.04	≤27.00	PASS
		High	5825	Peak	5850.000	-38.241	≤15.60	PASS
				Peak	5855.000	-39.27	≤27.00	PASS
				Peak	5875.000	-39.44	≤15.60	PASS
				Peak	5925.000	-38.51	≤10.00	PASS
11N40SIS O	Ant0	Low	5755	Peak	5650.000	-39.729	≤-27.00	PASS
				Peak	5700.000	-39.01	≤10.00	PASS
				Peak	5720.000	-36.48	≤15.60	PASS
				Peak	5725.000	-33.92	≤27.00	PASS
		High	5795	Peak	5850.000	-37.813	≤15.60	PASS
				Peak	5855.000	-39.03	≤27.00	PASS
				Peak	5875.000	-38.83	≤15.60	PASS
				Peak	5925.000	-39.16	≤10.00	PASS
11AC20Si SO	Ant0	Low	5745	Peak	5650.000	-38.354	≤-27.00	PASS
				Peak	5700.000	-38.92	≤10.00	PASS
				Peak	5720.000	-37.56	≤15.60	PASS
				Peak	5725.000	-36.46	≤27.00	PASS
		High	5825	Peak	5850.000	-38.77	≤15.60	PASS
				Peak	5855.000	-38.62	≤27.00	PASS
				Peak	5875.000	-37.79	≤15.60	PASS
				Peak	5925.000	-40.12	≤10.00	PASS
11AC40Si SO	Ant0	Low	5755	Peak	5650.000	-39.009	≤-27.00	PASS
				Peak	5700.000	-39.52	≤10.00	PASS
				Peak	5720.000	-39.36	≤15.60	PASS
				Peak	5725.000	-38.07	≤27.00	PASS
		High	5795	Peak	5850.000	-38.992	≤15.60	PASS



				Peak	5855.000	-39.39	≤27.00	PASS
				Peak	5875.000	-39.16	≤15.60	PASS
				Peak	5925.000	-39.68	≤10.00	PASS
11AC80SI SO	Ant0	Low	5775	Peak	5650.000	-38.298	≤-27.00	PASS
				Peak	5700.000	-37.75	≤10.00	PASS
				Peak	5720.000	-38.27	≤15.60	PASS
				Peak	5725.000	-37.73	≤27.00	PASS
		High	5775	Peak	5850.000	-37.652	≤15.60	PASS
				Peak	5855.000	-38.34	≤27.00	PASS
				Peak	5875.000	-39.02	≤15.60	PASS
				Peak	5925.000	-38.95	≤10.00	PASS
11AX20SI SO	Ant0	Low	5745	Peak	5650.000	-49.681	≤-27.00	PASS
				Peak	5700.000	-48.31	≤10.00	PASS
				Peak	5720.000	-44.04	≤15.60	PASS
				Peak	5725.000	-39.13	≤27.00	PASS
		High	5825	Peak	5850.000	-43.114	≤15.60	PASS
				Peak	5855.000	-46.72	≤27.00	PASS
				Peak	5875.000	-47.59	≤15.60	PASS
				Peak	5925.000	-49.16	≤10.00	PASS
11AX40SI SO	Ant0	Low	5755	Peak	5650.000	-49.088	≤-27.00	PASS
				Peak	5700.000	-48.25	≤10.00	PASS
				Peak	5720.000	-41.7	≤15.60	PASS
				Peak	5725.000	-40.01	≤27.00	PASS
		High	5795	Peak	5850.000	-46.498	≤15.60	PASS
				Peak	5855.000	-48.3	≤27.00	PASS
				Peak	5875.000	-48.9	≤15.60	PASS
				Peak	5925.000	-48.94	≤10.00	PASS
11AX80SI SO	Ant0	Low	5775	Peak	5650.000	-48.975	≤-27.00	PASS
				Peak	5700.000	-46.48	≤10.00	PASS
				Peak	5720.000	-41.89	≤15.60	PASS
				Peak	5725.000	-40.51	≤27.00	PASS
		High	5775	Peak	5850.000	-41.62	≤15.60	PASS
				Peak	5855.000	-43.57	≤27.00	PASS
				Peak	5875.000	-45.95	≤15.60	PASS
				Peak	5925.000	-49.02	≤10.00	PASS



Test Result

TestMode	Antenna	ChName	Channel	Detector	Freq. [MHz]	Result [dBm]	Limit [dBm]	Verdict
11A	Ant1	Low	5745	Peak	5650.000	-39.835	≤-27.00	PASS
				Peak	5700.000	-38.64	≤10.00	PASS
				Peak	5720.000	-38.35	≤15.60	PASS
				Peak	5725.000	-37.97	≤27.00	PASS
		High	5825	Peak	5850.000	-37.024	≤15.60	PASS
				Peak	5855.000	-38.44	≤27.00	PASS
				Peak	5875.000	-36.87	≤15.60	PASS
				Peak	5925.000	-39.29	≤10.00	PASS
11N20SIS O	Ant1	Low	5745	Peak	5650.000	-39.202	≤-27.00	PASS
				Peak	5700.000	-38.63	≤10.00	PASS
				Peak	5720.000	-38.75	≤15.60	PASS
				Peak	5725.000	-35.37	≤27.00	PASS
		High	5825	Peak	5850.000	-38.479	≤15.60	PASS
				Peak	5855.000	-38.21	≤27.00	PASS
				Peak	5875.000	-38.36	≤15.60	PASS
				Peak	5925.000	-39.18	≤10.00	PASS
11N40SIS O	Ant1	Low	5755	Peak	5650.000	-39.646	≤-27.00	PASS
				Peak	5700.000	-38.69	≤10.00	PASS
				Peak	5720.000	-32.95	≤15.60	PASS
				Peak	5725.000	-34.46	≤27.00	PASS
		High	5795	Peak	5850.000	-39.2	≤15.60	PASS
				Peak	5855.000	-38.37	≤27.00	PASS
				Peak	5875.000	-38.48	≤15.60	PASS
				Peak	5925.000	-39.09	≤10.00	PASS
11AC20SI SO	Ant1	Low	5745	Peak	5650.000	-38.333	≤-27.00	PASS
				Peak	5700.000	-39.39	≤10.00	PASS
				Peak	5720.000	-39.73	≤15.60	PASS
				Peak	5725.000	-39.18	≤27.00	PASS
		High	5825	Peak	5850.000	-37.791	≤15.60	PASS
				Peak	5855.000	-39.46	≤27.00	PASS
				Peak	5875.000	-38.25	≤15.60	PASS
				Peak	5925.000	-40.27	≤10.00	PASS
11AC40SI SO	Ant1	Low	5755	Peak	5650.000	-39.507	≤-27.00	PASS
				Peak	5700.000	-39.29	≤10.00	PASS
				Peak	5720.000	-39.09	≤15.60	PASS
				Peak	5725.000	-38.1	≤27.00	PASS
		High	5795	Peak	5850.000	-37.696	≤15.60	PASS
				Peak	5855.000	-39.79	≤27.00	PASS
				Peak	5875.000	-38.46	≤15.60	PASS



				Peak	5925.000	-38.94	≤10.00	PASS
11AC80SI SO	Ant1	Low	5775	Peak	5650.000	-38.323	≤-27.00	PASS
				Peak	5700.000	-38.76	≤10.00	PASS
				Peak	5720.000	-38.95	≤15.60	PASS
				Peak	5725.000	-38.49	≤27.00	PASS
		High	5775	Peak	5850.000	-38.699	≤15.60	PASS
				Peak	5855.000	-37.99	≤27.00	PASS
				Peak	5875.000	-39.29	≤15.60	PASS
				Peak	5925.000	-39.96	≤10.00	PASS
11AX20SI SO	Ant1	Low	5745	Peak	5650.000	-48.473	≤-27.00	PASS
				Peak	5700.000	-47.52	≤10.00	PASS
				Peak	5720.000	-45.45	≤15.60	PASS
				Peak	5725.000	-40.66	≤27.00	PASS
		High	5825	Peak	5850.000	-45.297	≤15.60	PASS
				Peak	5855.000	-47.33	≤27.00	PASS
				Peak	5875.000	-48.79	≤15.60	PASS
				Peak	5925.000	-49.09	≤10.00	PASS
11AX40SI SO	Ant1	Low	5755	Peak	5650.000	-48.412	≤-27.00	PASS
				Peak	5700.000	-47.73	≤10.00	PASS
				Peak	5720.000	-41.86	≤15.60	PASS
				Peak	5725.000	-37.97	≤27.00	PASS
		High	5795	Peak	5850.000	-46.933	≤15.60	PASS
				Peak	5855.000	-48.24	≤27.00	PASS
				Peak	5875.000	-49.37	≤15.60	PASS
				Peak	5925.000	-49.19	≤10.00	PASS
11AX80SI SO	Ant1	Low	5775	Peak	5650.000	-49.088	≤-27.00	PASS
				Peak	5700.000	-44.53	≤10.00	PASS
				Peak	5720.000	-41.64	≤15.60	PASS
				Peak	5725.000	-40.72	≤27.00	PASS
		High	5775	Peak	5850.000	-42.097	≤15.60	PASS
				Peak	5855.000	-43.53	≤27.00	PASS
				Peak	5875.000	-46.94	≤15.60	PASS
				Peak	5925.000	-47.27	≤10.00	PASS



MIMO

TestMode	Channel	Detector	Freq. [MHz]	ANT 0 Result [dBm]	ANT 1 Result [dBm]	SUM Result [dBm]	Limit [dBm]	Verdict
11N20	5745	Peak	5650.000	-39.266	-39.202	-36.22	≤-27.00	PASS
		Peak	5700.000	-39.06	-38.63	-35.83	≤10.00	PASS
		Peak	5720.000	-39.57	-38.75	-36.13	≤15.60	PASS
		Peak	5725.000	-38.04	-35.37	-33.49	≤27.00	PASS
	5825	Peak	5850.000	-38.241	-38.479	-35.35	≤15.60	PASS
		Peak	5855.000	-39.27	-38.21	-35.70	≤27.00	PASS
		Peak	5875.000	-39.44	-38.36	-35.86	≤15.60	PASS
		Peak	5925.000	-38.51	-39.18	-35.82	≤10.00	PASS
11N40	5755	Peak	5650.000	-39.729	-39.646	-36.68	≤-27.00	PASS
		Peak	5700.000	-39.01	-38.69	-35.84	≤10.00	PASS
		Peak	5720.000	-36.48	-32.95	-31.36	≤15.60	PASS
		Peak	5725.000	-33.92	-34.46	-31.17	≤27.00	PASS
	5795	Peak	5850.000	-37.813	-39.2	-35.44	≤15.60	PASS
		Peak	5855.000	-39.03	-38.37	-35.68	≤27.00	PASS
		Peak	5875.000	-38.83	-38.48	-35.64	≤15.60	PASS
		Peak	5925.000	-39.16	-39.09	-36.11	≤10.00	PASS
11AC20	5745	Peak	5650.000	-38.354	-38.333	-35.33	≤-27.00	PASS
		Peak	5700.000	-38.92	-39.39	-36.14	≤10.00	PASS
		Peak	5720.000	-37.56	-39.73	-35.50	≤15.60	PASS
		Peak	5725.000	-36.46	-39.18	-34.60	≤27.00	PASS
	5825	Peak	5850.000	-38.77	-37.791	-35.24	≤15.60	PASS
		Peak	5855.000	-38.62	-39.46	-36.01	≤27.00	PASS
		Peak	5875.000	-37.79	-38.25	-35.00	≤15.60	PASS
		Peak	5925.000	-40.12	-40.27	-37.18	≤10.00	PASS
11AC40	5755	Peak	5650.000	-39.009	-39.507	-36.24	≤-27.00	PASS
		Peak	5700.000	-39.52	-39.29	-36.39	≤10.00	PASS
		Peak	5720.000	-39.36	-39.09	-36.21	≤15.60	PASS
		Peak	5725.000	-38.07	-38.1	-35.07	≤27.00	PASS
	5795	Peak	5850.000	-38.992	-37.696	-35.29	≤15.60	PASS
		Peak	5855.000	-39.39	-39.79	-36.58	≤27.00	PASS
		Peak	5875.000	-39.16	-38.46	-35.79	≤15.60	PASS
		Peak	5925.000	-39.68	-38.94	-36.28	≤10.00	PASS
11AC80	5775	Peak	5650.000	-38.298	-38.323	-35.30	≤-27.00	PASS
		Peak	5700.000	-37.75	-38.76	-35.22	≤10.00	PASS
		Peak	5720.000	-38.27	-38.95	-35.59	≤15.60	PASS
		Peak	5725.000	-37.73	-38.49	-35.08	≤27.00	PASS
	5775	Peak	5850.000	-37.652	-38.699	-35.13	≤15.60	PASS
		Peak	5855.000	-38.34	-37.99	-35.15	≤27.00	PASS
		Peak	5875.000	-39.02	-39.29	-36.14	≤15.60	PASS



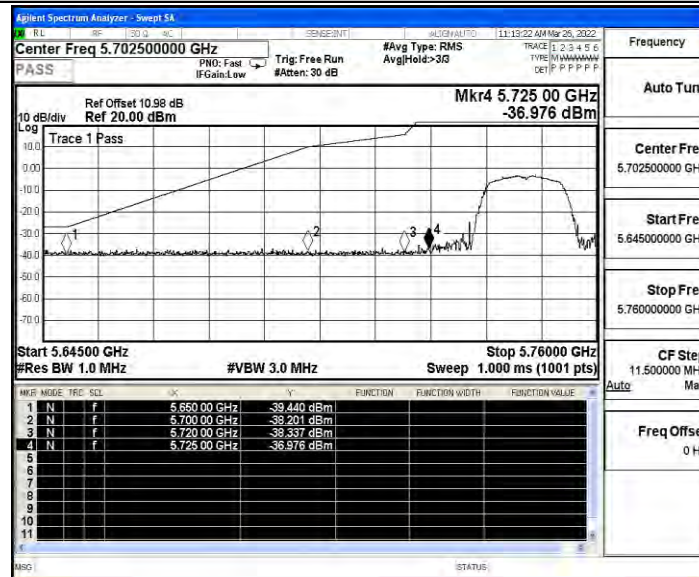
		Peak	5925.000	-38.95	-39.96	-36.42	≤10.00	PASS
11AX20	5745	Peak	5650.000	-49.681	-48.473	-46.02	≤-27.00	PASS
		Peak	5700.000	-48.31	-47.52	-44.89	≤10.00	PASS
		Peak	5720.000	-44.04	-45.45	-41.68	≤15.60	PASS
		Peak	5725.000	-39.13	-40.66	-36.82	≤27.00	PASS
	5825	Peak	5850.000	-43.114	-45.297	-41.06	≤15.60	PASS
		Peak	5855.000	-46.72	-47.33	-44.00	≤27.00	PASS
		Peak	5875.000	-47.59	-48.79	-45.14	≤15.60	PASS
		Peak	5925.000	-49.16	-49.09	-46.11	≤10.00	PASS
11AX40	5755	Peak	5650.000	-49.088	-48.412	-45.73	≤-27.00	PASS
		Peak	5700.000	-48.25	-47.73	-44.97	≤10.00	PASS
		Peak	5720.000	-41.7	-41.86	-38.77	≤15.60	PASS
		Peak	5725.000	-40.01	-37.97	-35.86	≤27.00	PASS
	5795	Peak	5850.000	-46.498	-46.933	-43.70	≤15.60	PASS
		Peak	5855.000	-48.3	-48.24	-45.26	≤27.00	PASS
		Peak	5875.000	-48.9	-49.37	-46.12	≤15.60	PASS
		Peak	5925.000	-48.94	-49.19	-46.05	≤10.00	PASS
11AX80	5775	Peak	5650.000	-48.975	-49.088	-46.02	≤-27.00	PASS
		Peak	5700.000	-46.48	-44.53	-42.39	≤10.00	PASS
		Peak	5720.000	-41.89	-41.64	-38.75	≤15.60	PASS
		Peak	5725.000	-40.51	-40.72	-37.60	≤27.00	PASS
	5775	Peak	5850.000	-41.62	-42.097	-38.84	≤15.60	PASS
		Peak	5855.000	-43.57	-43.53	-40.54	≤27.00	PASS
		Peak	5875.000	-45.95	-46.94	-43.41	≤15.60	PASS
		Peak	5925.000	-49.02	-47.27	-45.05	≤10.00	PASS

Note: The Antenna Gain is compensated in the graph.

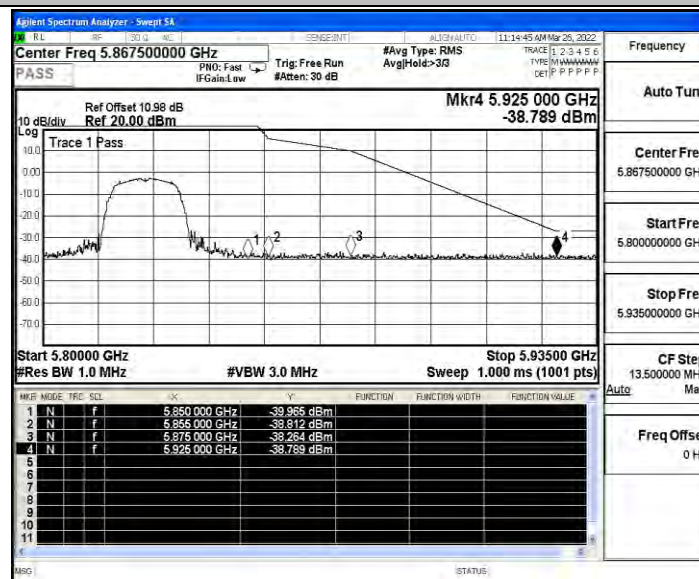


Test Graphs

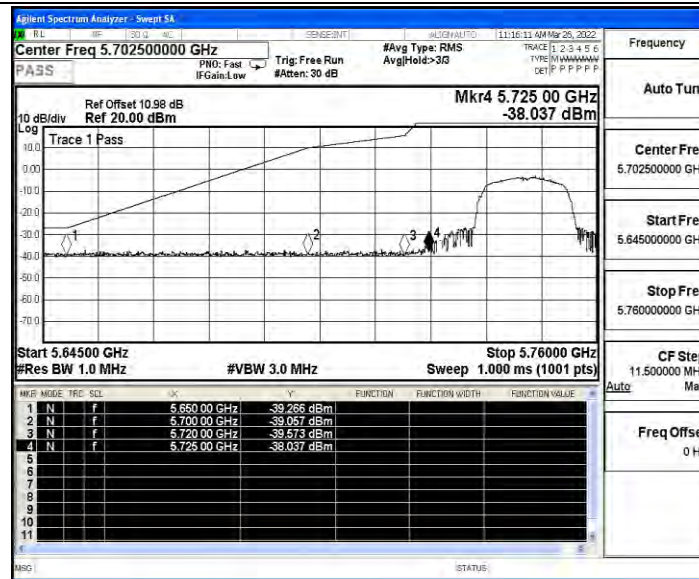
11A_Ant0_Low_5745_Peak



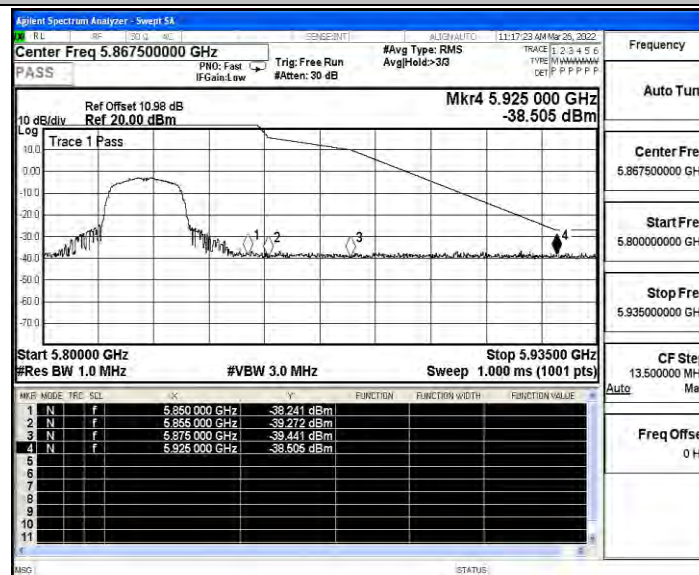
11A_Ant0_High_5825_Peak



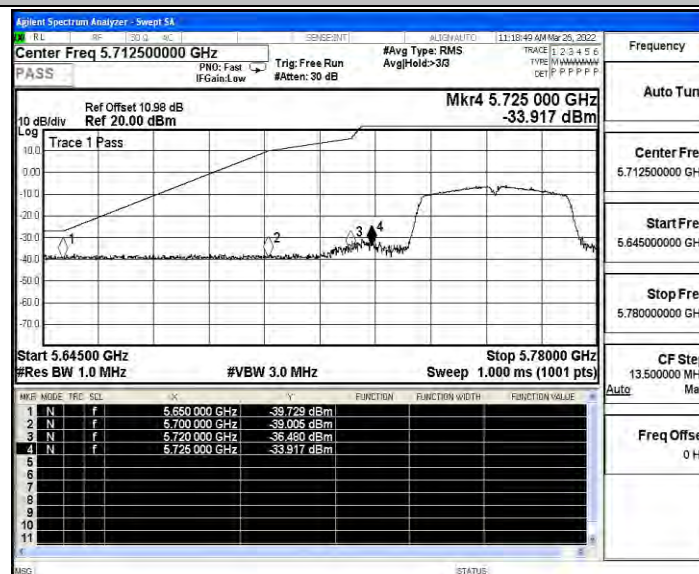
11N20SISO_Ant0_Low_5745_Peak



11N20SISO_Ant0_High_5825_Peak

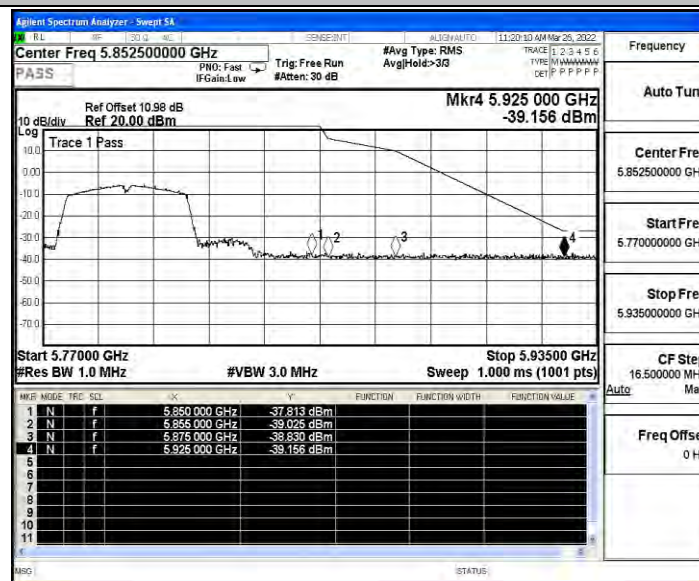


11N40SISO_Ant0_Low_5755_Peak

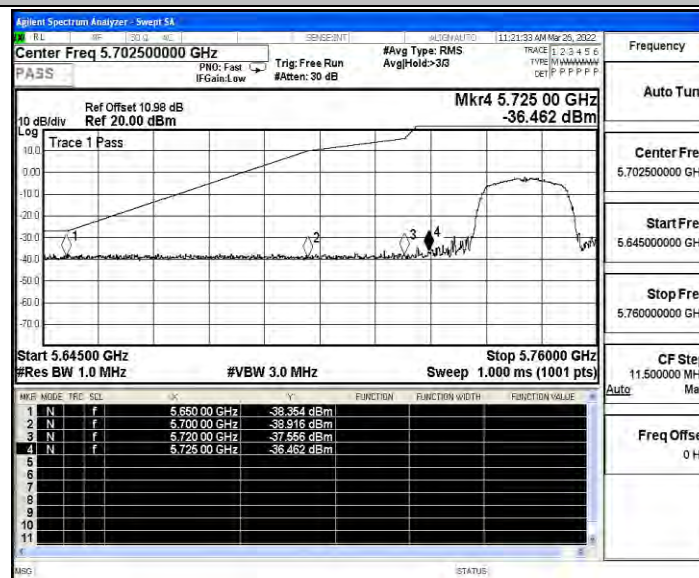




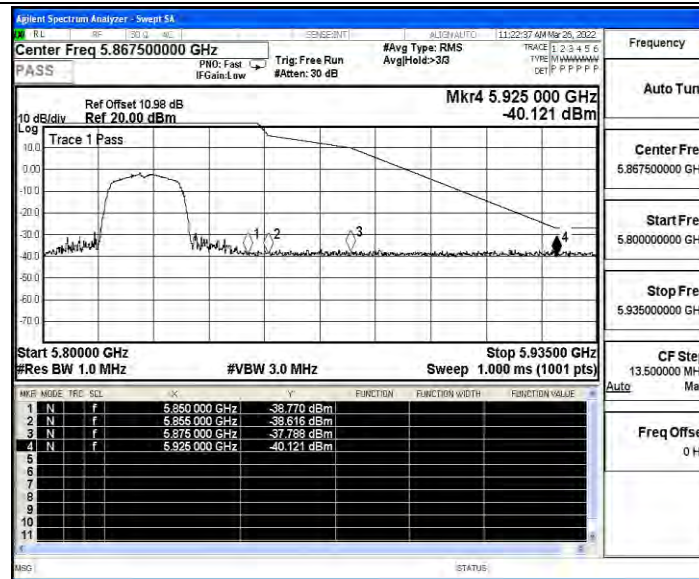
11N40SISO_Ant0_High_5795_Peak



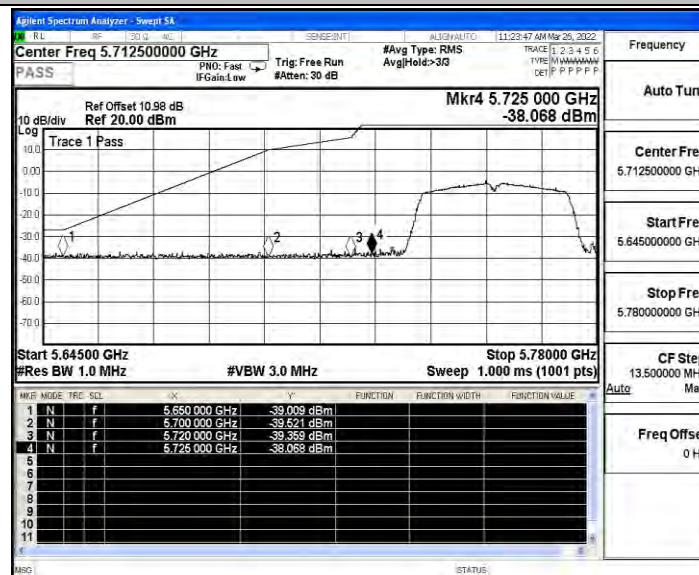
11AC20SISO_Ant0_Low_5745_Peak



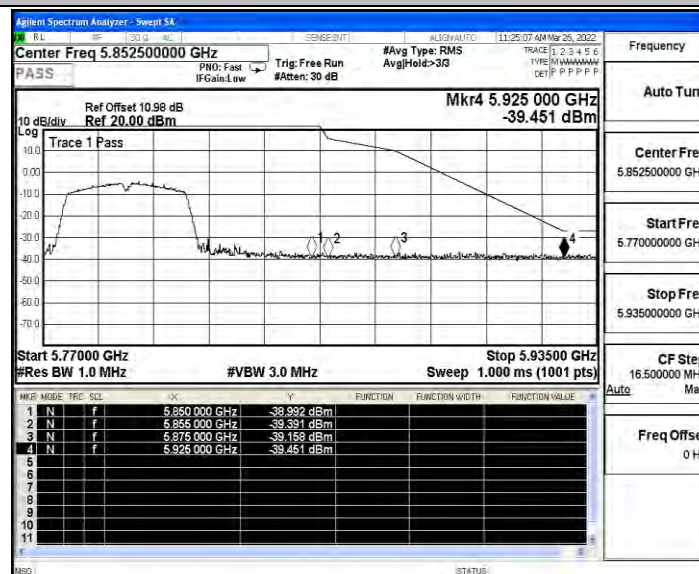
11AC20SISO_Ant0_High_5825_Peak



11AC40SISO_Ant0_Low_5755_Peak

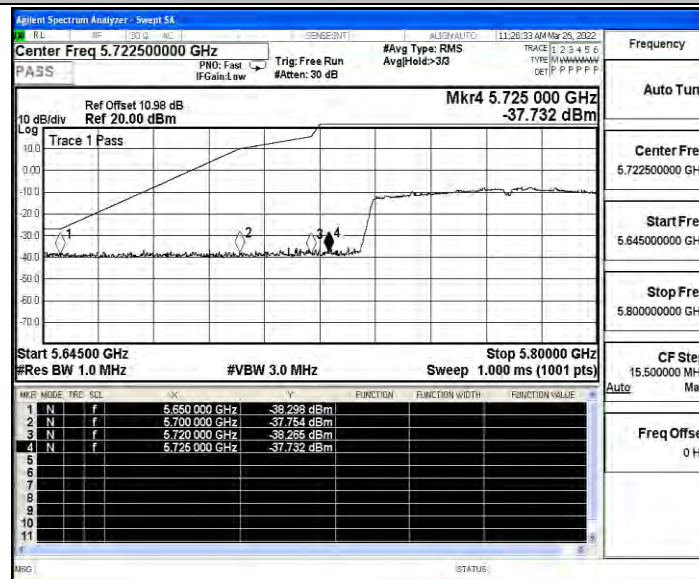


11AC40SISO_Ant0_High_5795_Peak

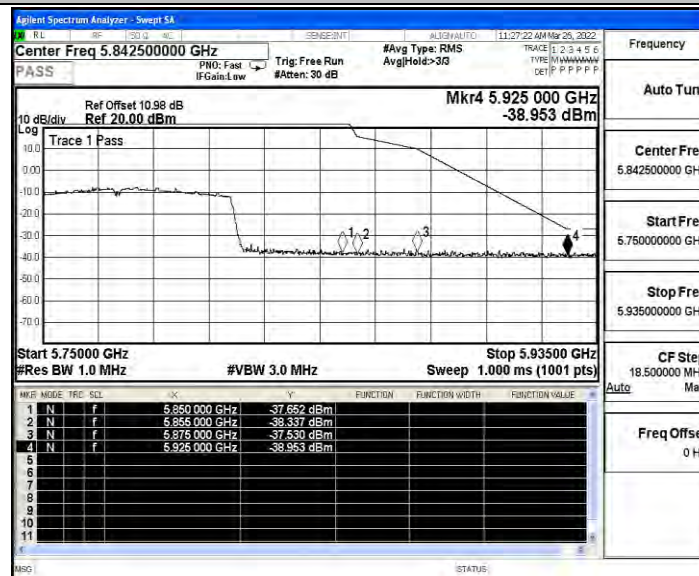




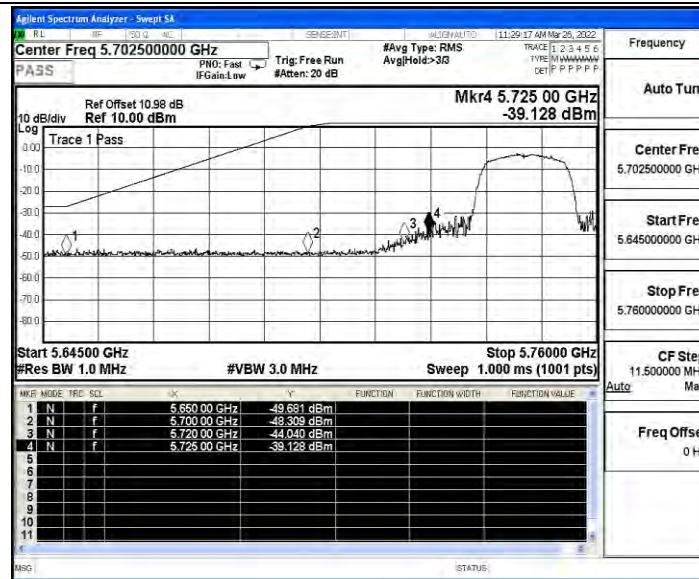
11AC80SISO_Ant0_Low_5775_Peak



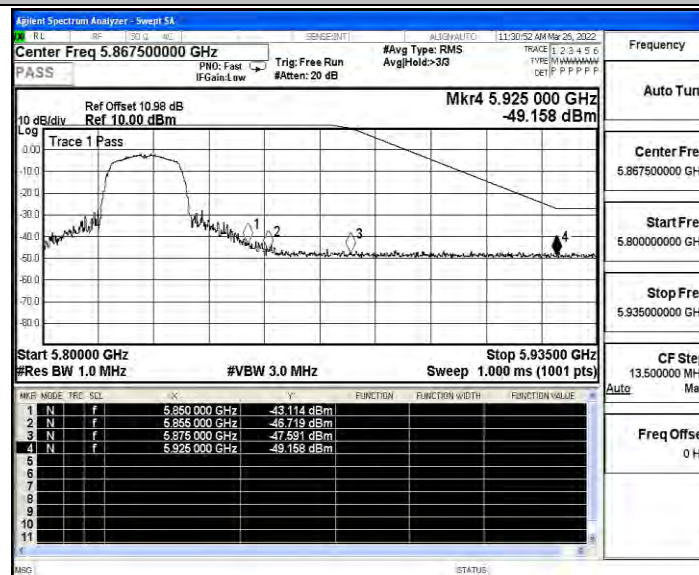
11AC80SISO_Ant0_High_5775_Peak



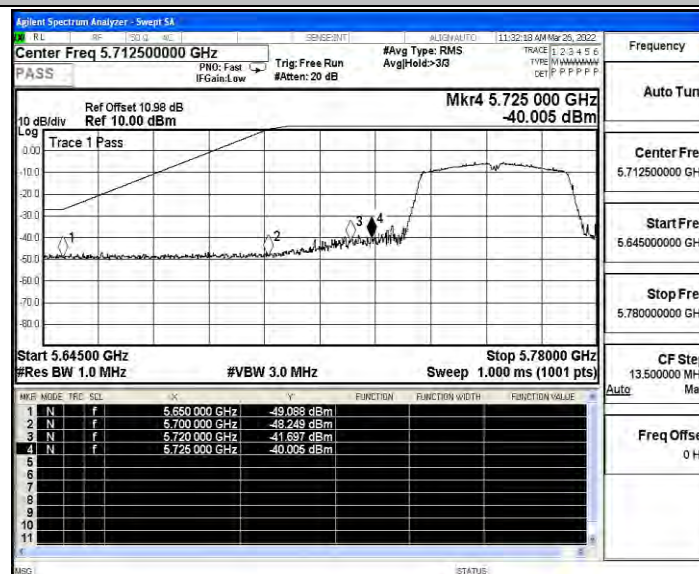
11AX20SISO_Ant0_Low_5745_Peak



11AX20ISO_Ant0_High_5825_Peak

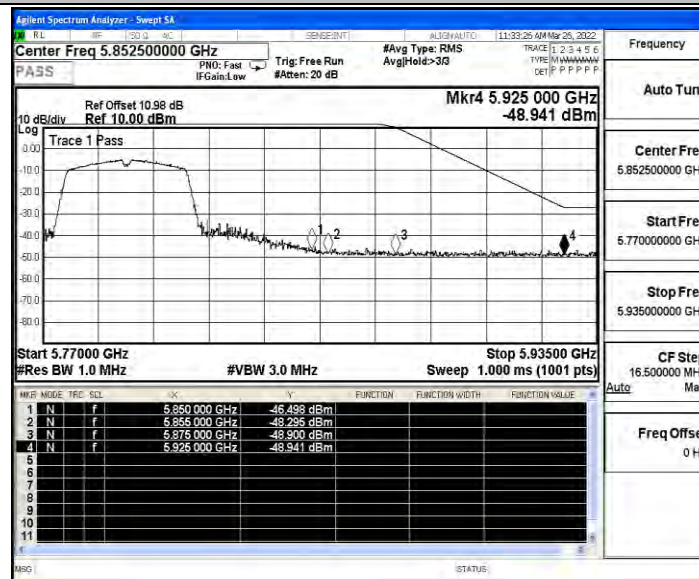


11AX40ISO_Ant0_Low_5755_Peak

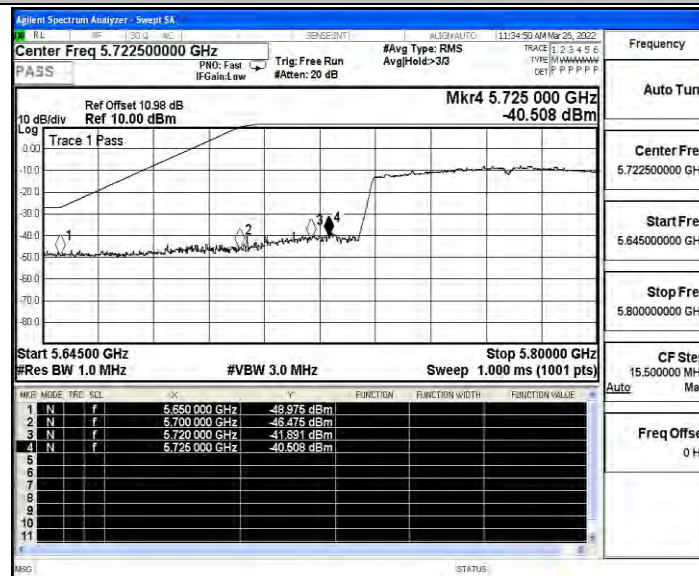




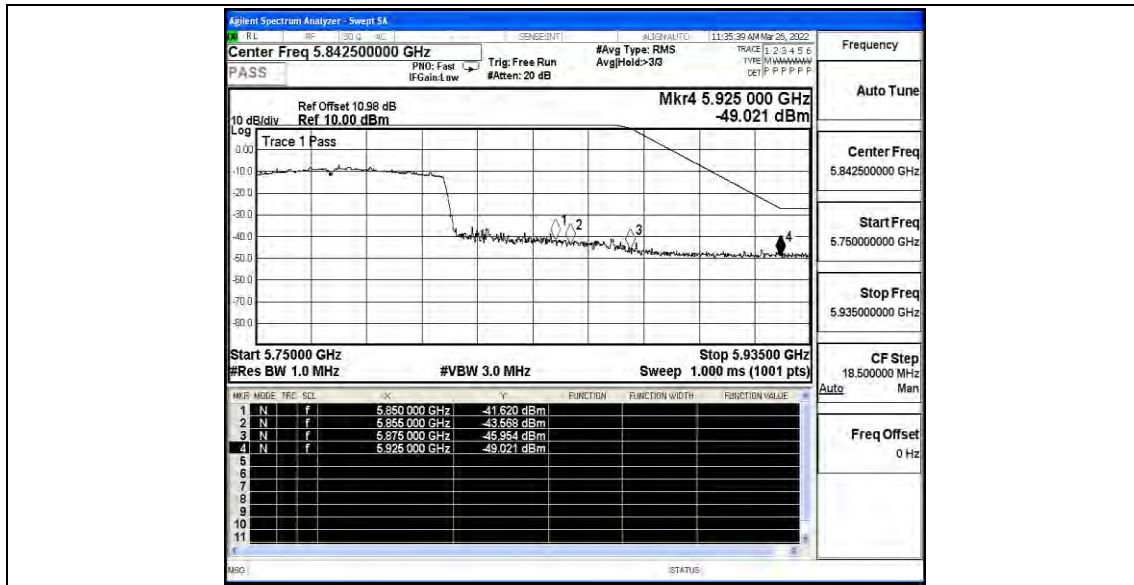
11AX40SISO_Ant0_High_5795_Peak



11AX80SISO_Ant0_Low_5775_Peak

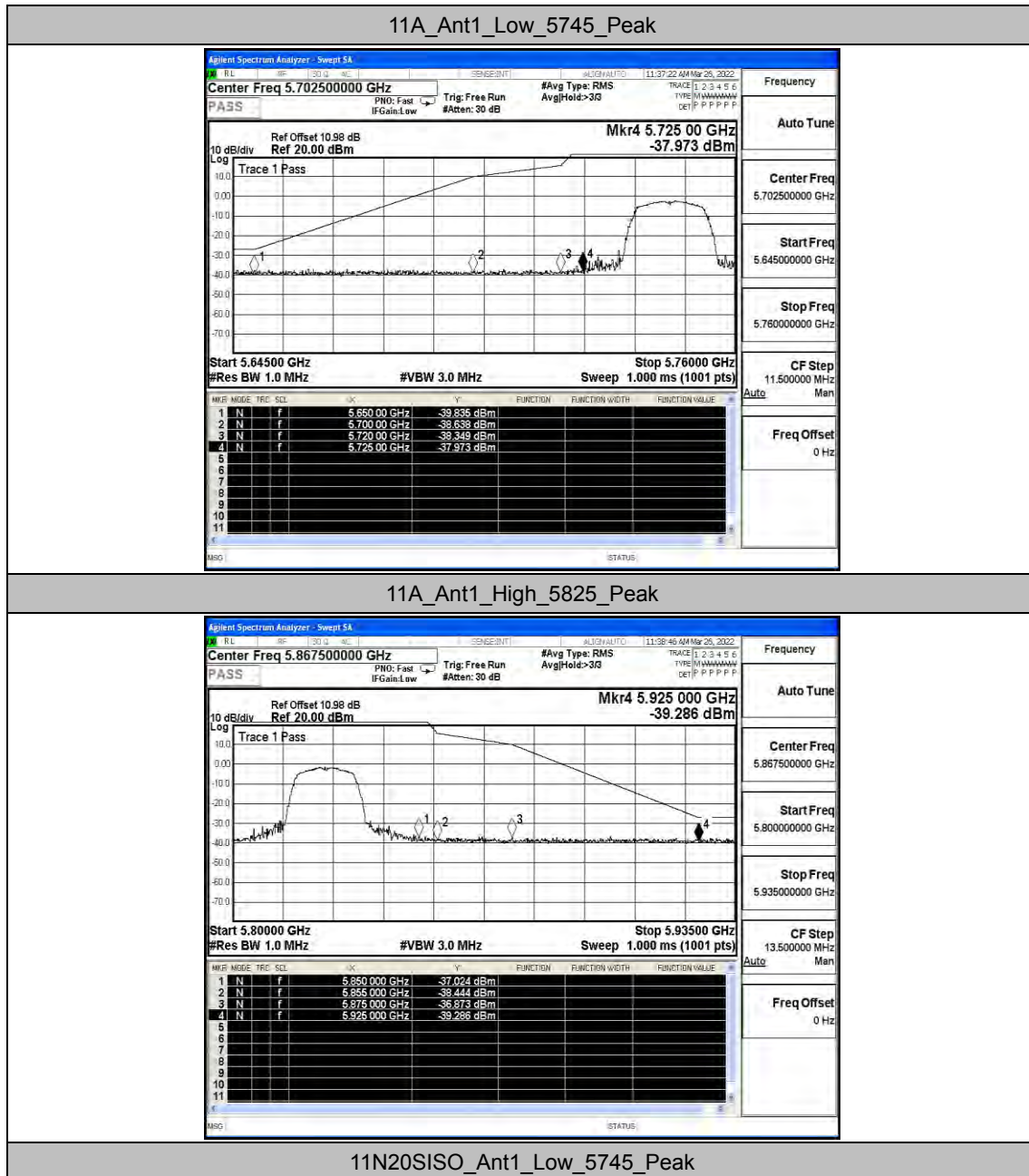


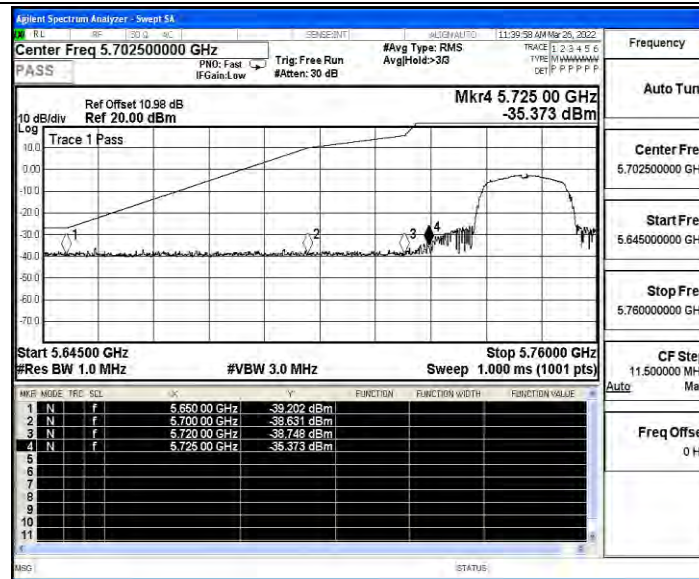
11AX80SISO_Ant0_High_5775_Peak



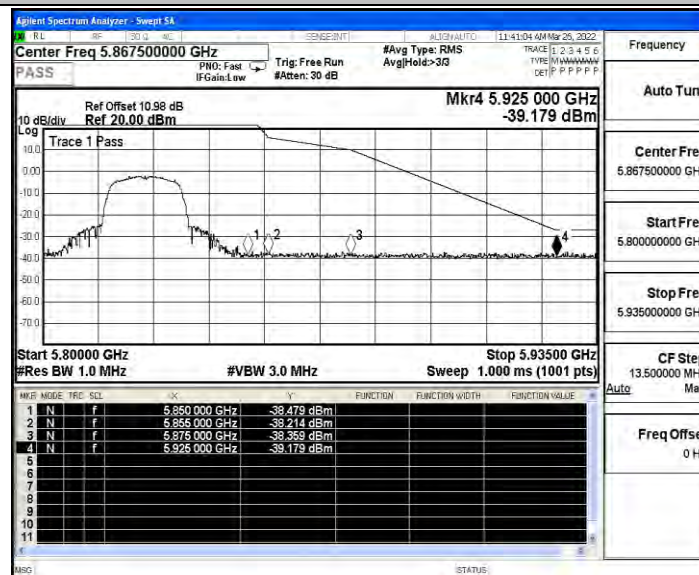


Test Graphs

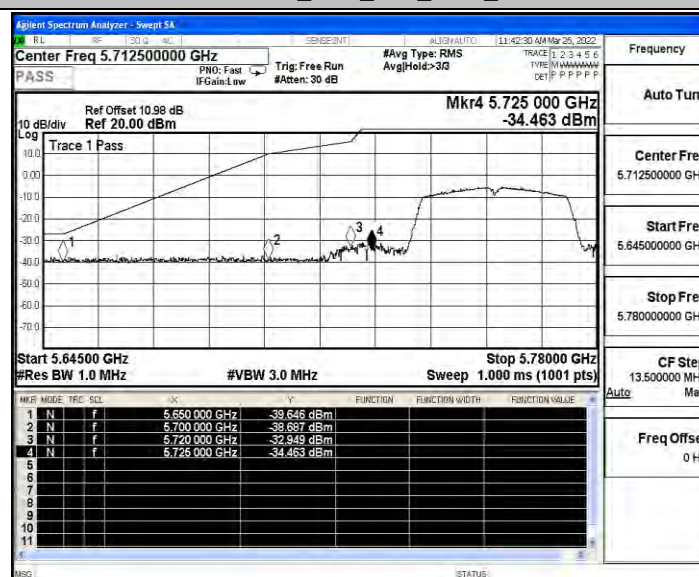




11N20SISO_Ant1_High_5825_Peak

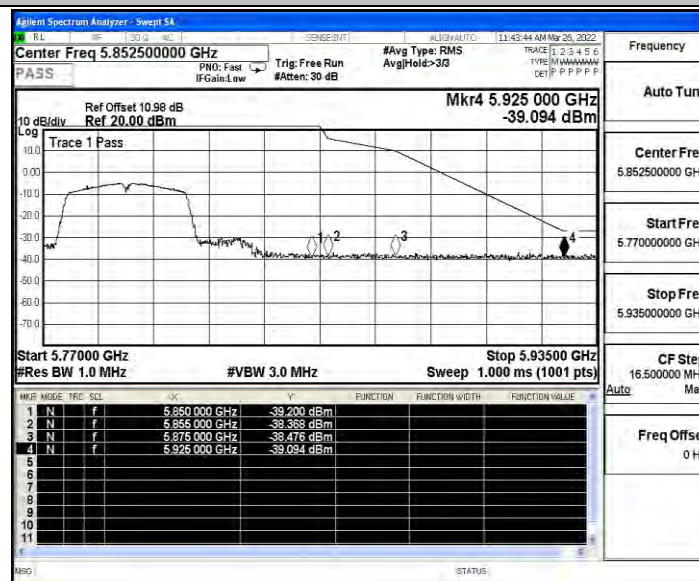


11N40SISO_Ant1_Low_5755_Peak

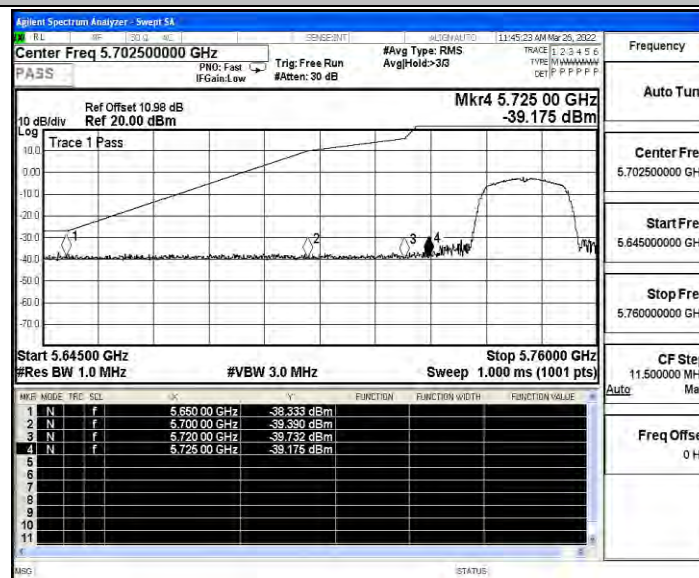




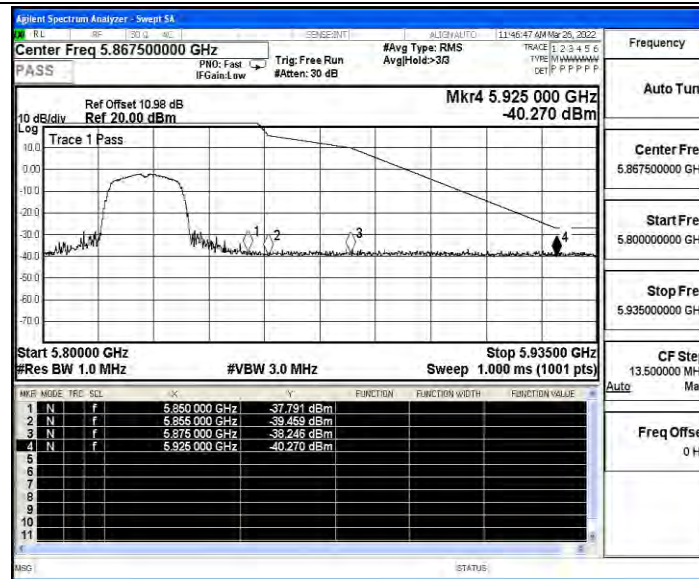
11N40SISO_Ant1_High_5795_Peak



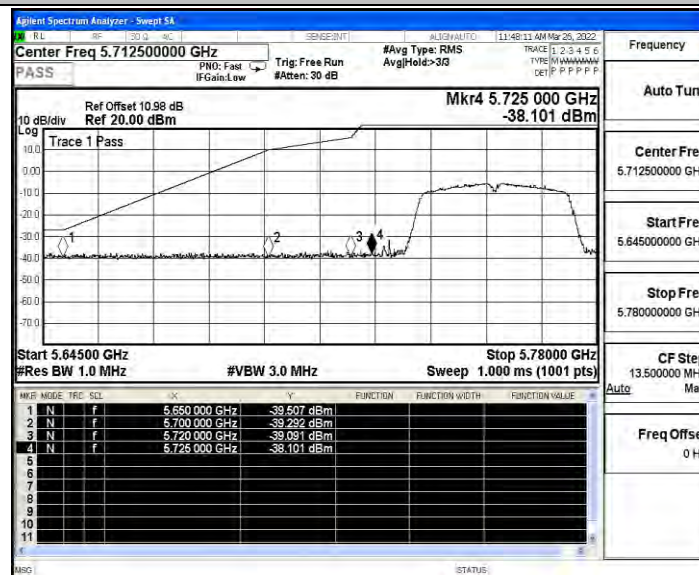
11AC20SISO_Ant1_Low_5745_Peak



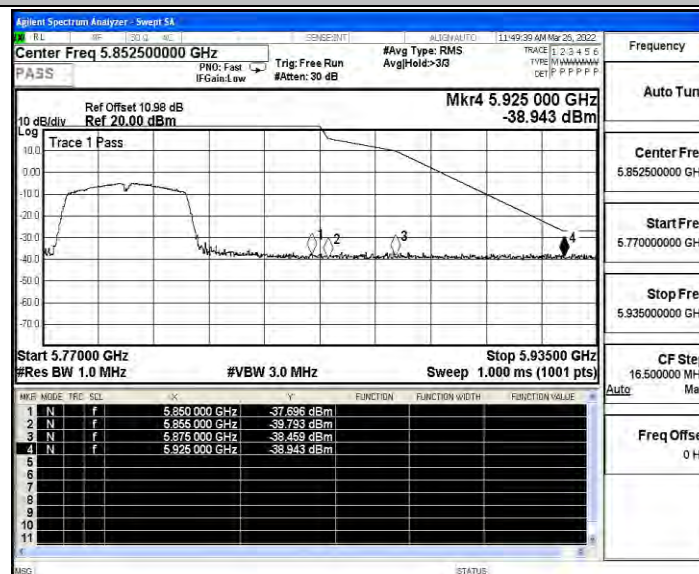
11AC20SISO_Ant1_High_5825_Peak



11AC40SISO_Ant1_Low_5755_Peak

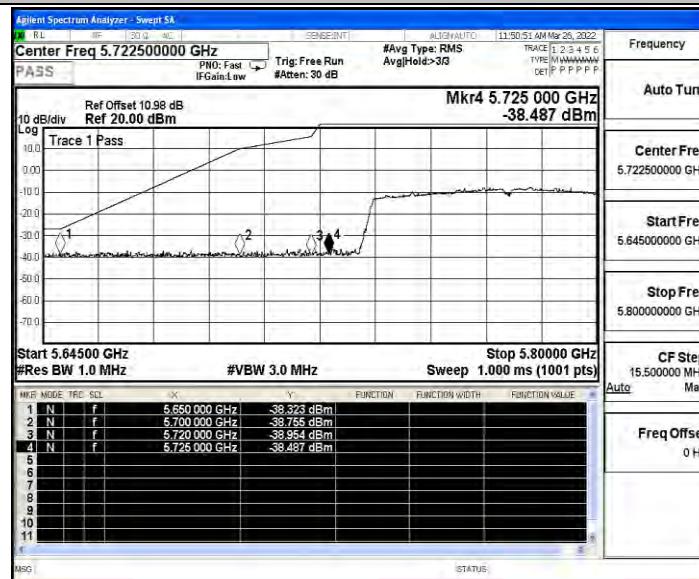


11AC40SISO_Ant1_High_5795_Peak

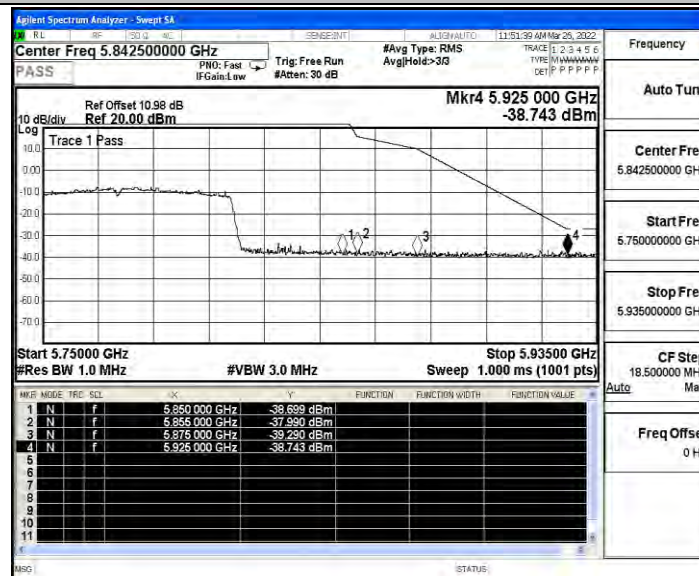




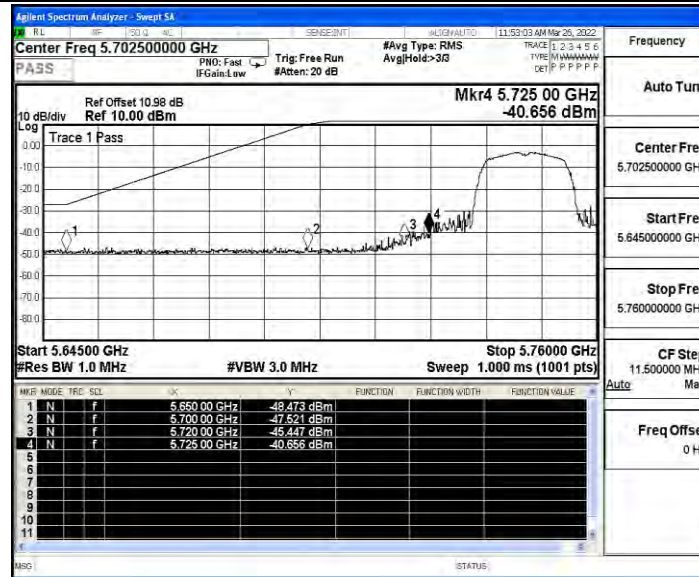
11AC80SISO_Ant1_Low_5775_Peak



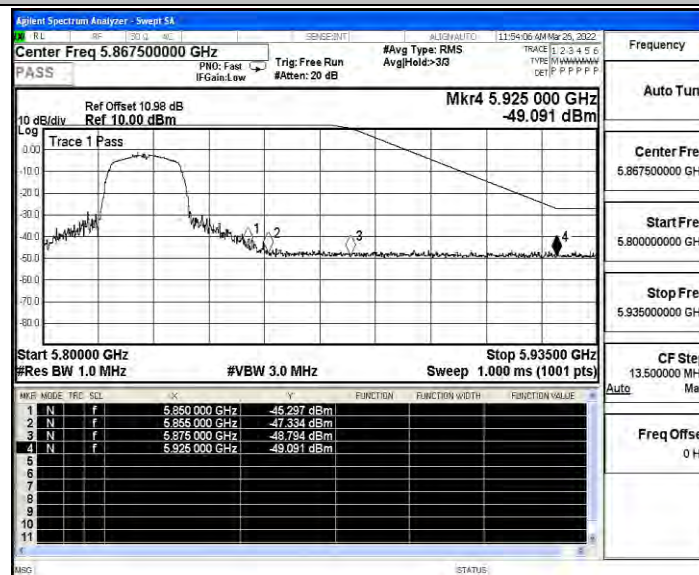
11AC80SISO_Ant1_High_5775_Peak



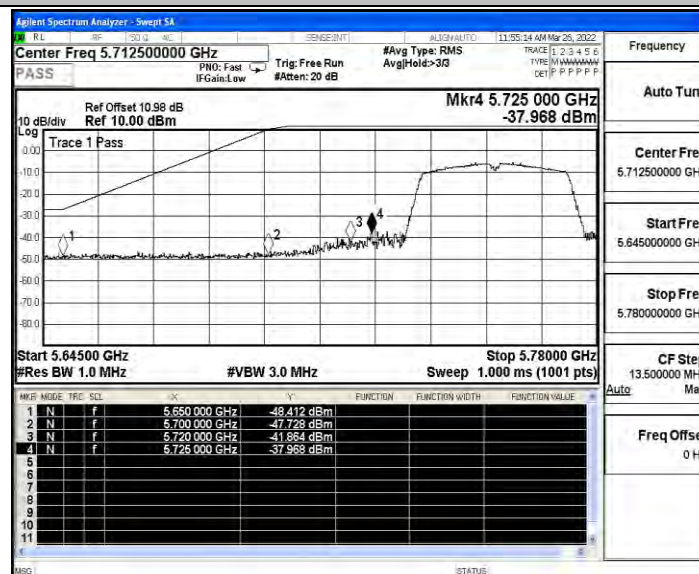
11AX20SISO_Ant1_Low_5745_Peak



11AX20ISO_Ant1_High_5825_Peak

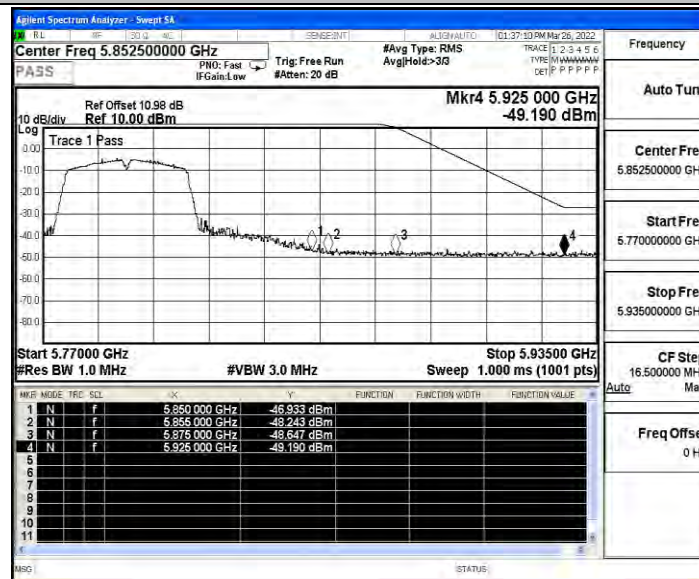


11AX40ISO_Ant1_Low_5755_Peak

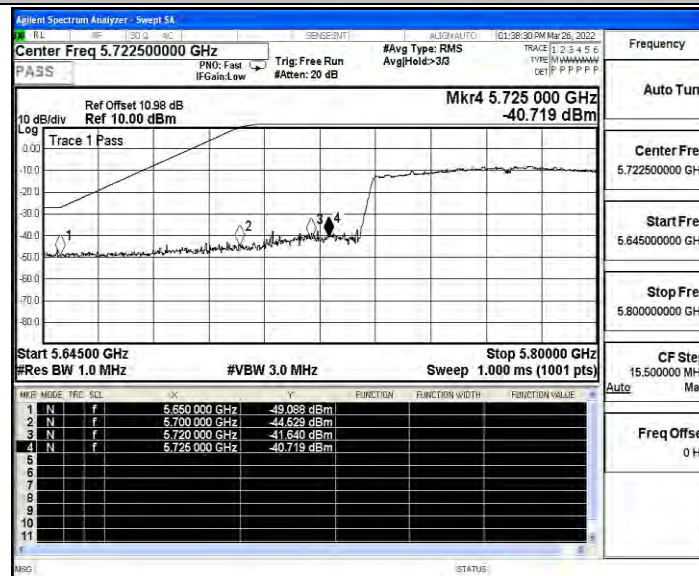




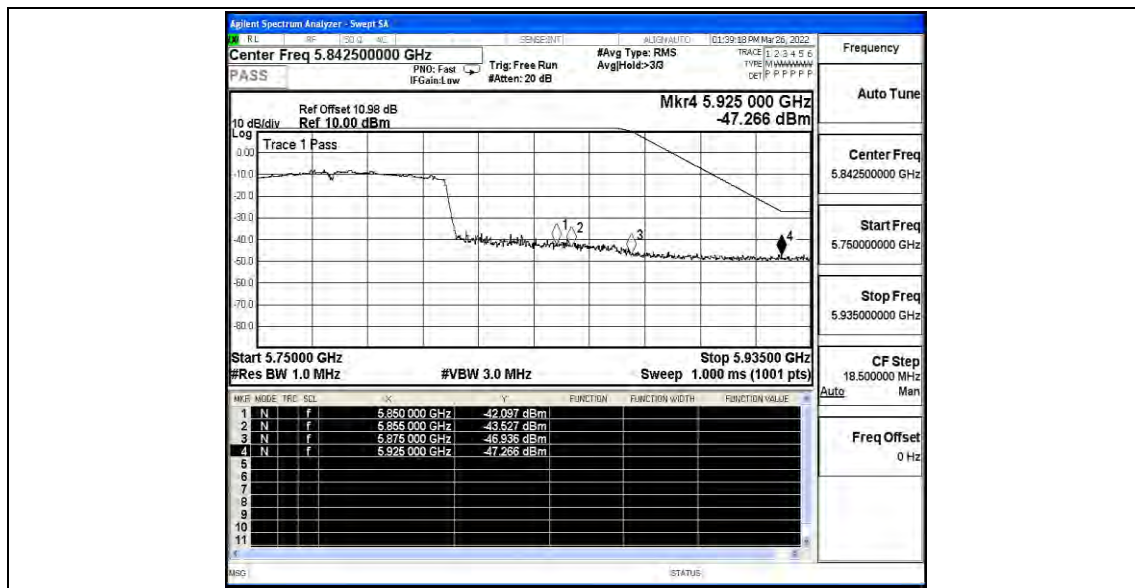
11AX40SISO_Ant1_High_5795_Peak



11AX80SISO_Ant1_Low_5775_Peak



11AX80SISO_Ant1_High_5775_Peak





E.5 Duty Cycle

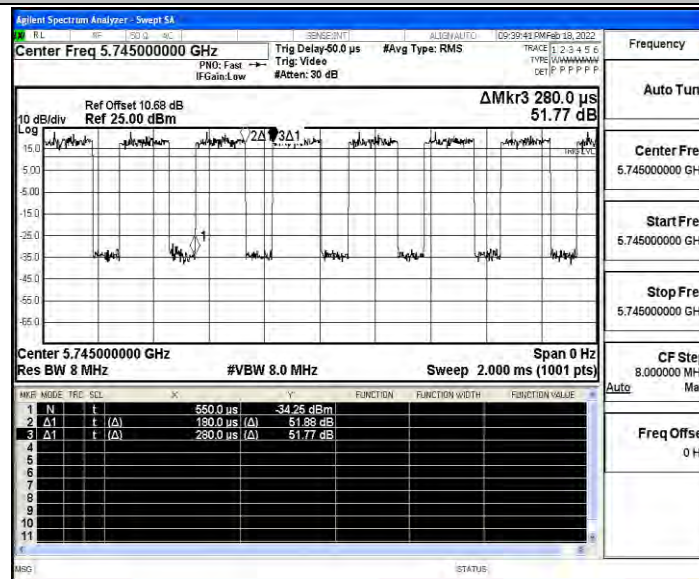
Test Result

TestMode	Antenna	Channel	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	Limit	Verdict
11A	Ant0	5745	0.18	0.28	64.29	---	---
		5785	0.18	0.28	64.29	---	---
		5825	0.18	0.28	64.29	---	---
11N20SISO	Ant0	5745	0.16	0.26	61.54	---	---
		5785	0.17	0.27	62.96	---	---
		5825	0.17	0.27	62.96	---	---
11N40SISO	Ant0	5755	0.10	0.20	50.00	---	---
		5795	0.10	0.20	50.00	---	---
11AC20SISO	Ant0	5745	1.94	1.96	98.98	---	---
		5785	1.93	1.96	98.47	---	---
		5825	1.94	2.55	76.08	---	---
11AC40SISO	Ant0	5755	1.54	1.56	98.72	---	---
		5795	1.55	1.57	98.73	---	---
11AC80SISO	Ant0	5775	2.24	2.26	99.12	---	---
11AX20SISO	Ant0	5745	1.48	1.51	98.01	---	---
		5785	1.48	1.52	97.37	---	---
		5825	1.48	1.52	97.37	---	---
11AX40SISO	Ant0	5755	0.77	0.80	96.25	---	---
		5795	0.77	0.80	96.25	---	---
11AX80SISO	Ant0	5775	0.40	0.43	93.02	---	---

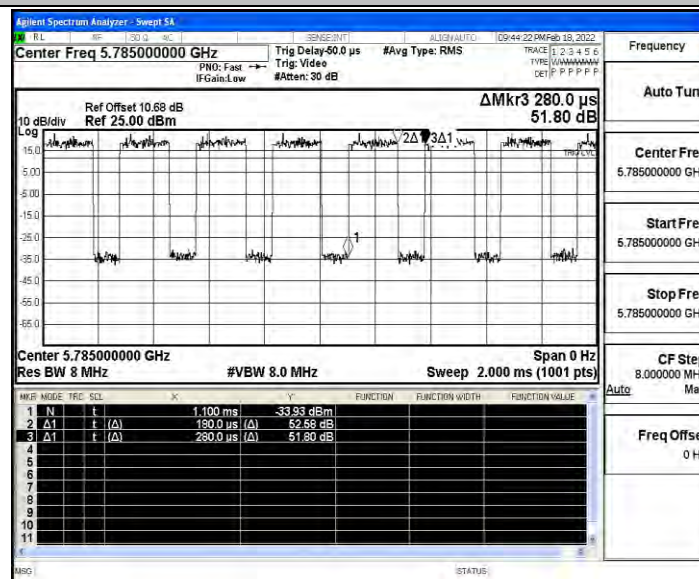


Test Graphs

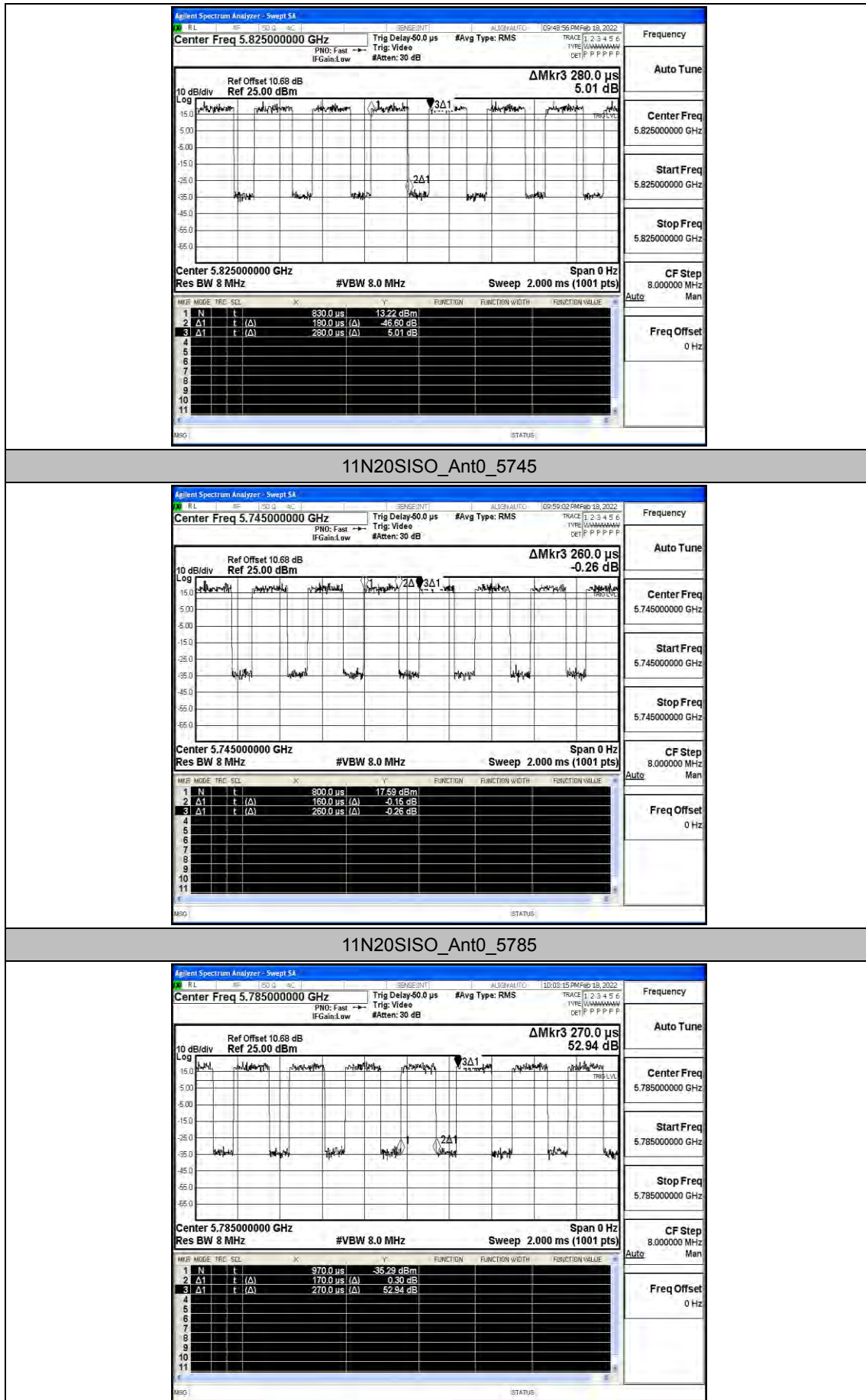
11A_Ant0_5745



11A_Ant0_5785

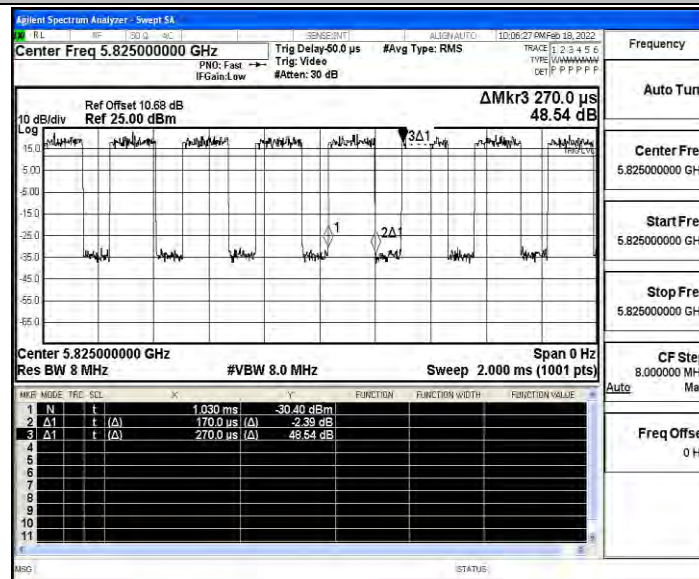


11A_Ant0_5825

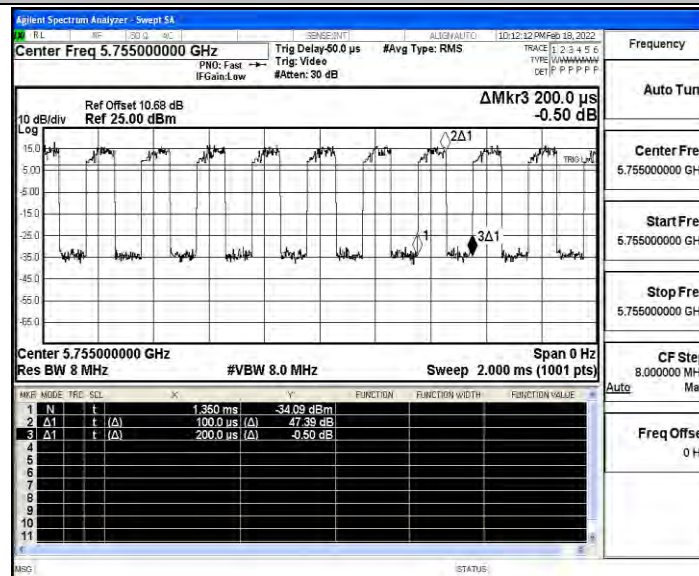




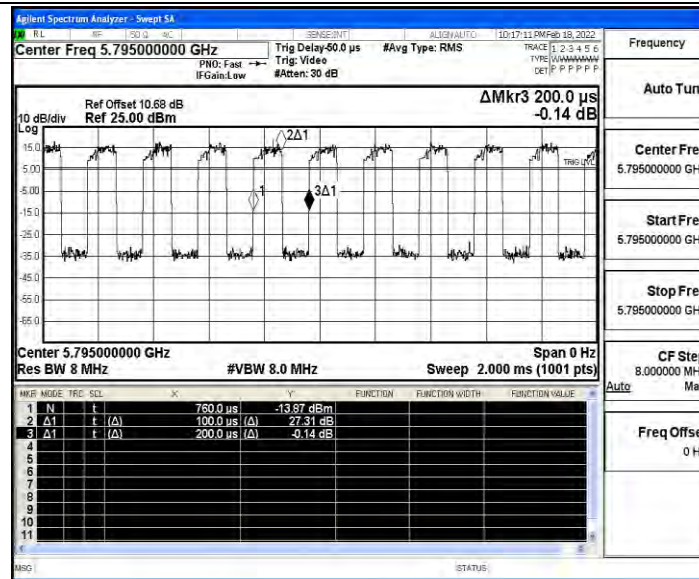
11N20SISO_Ant0_5825



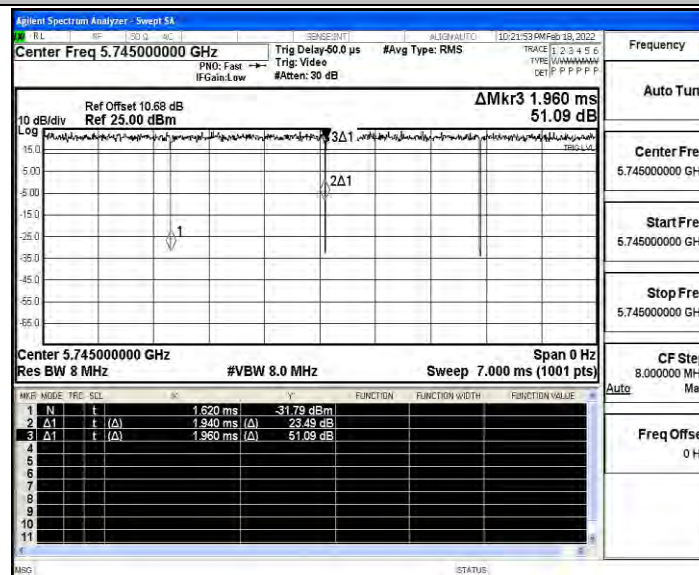
11N40SISO_Ant0_5755



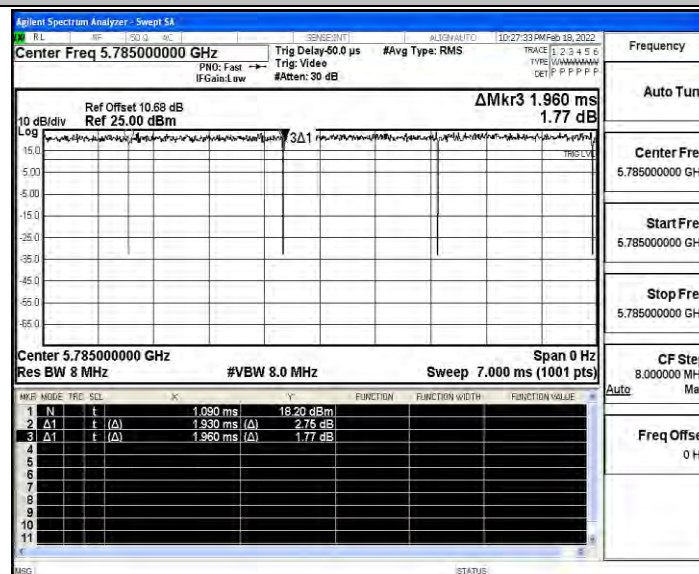
11N40SISO_Ant0_5795



11AC20SISO_Ant0_5745

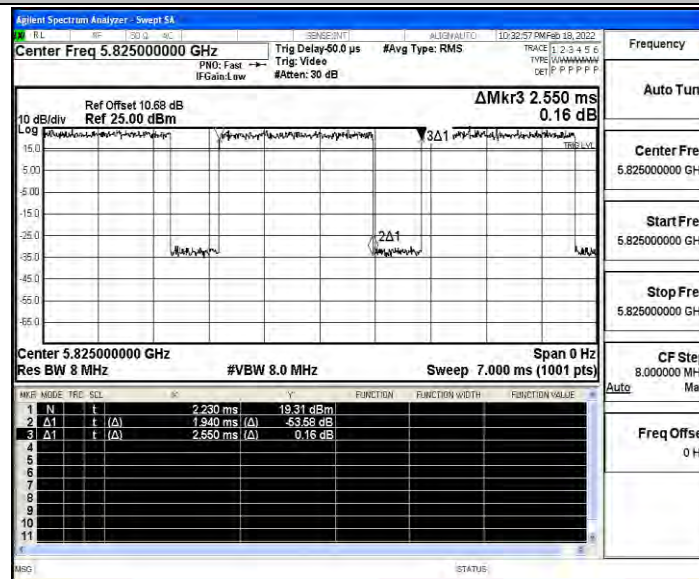


11AC20SISO_Ant0_5785

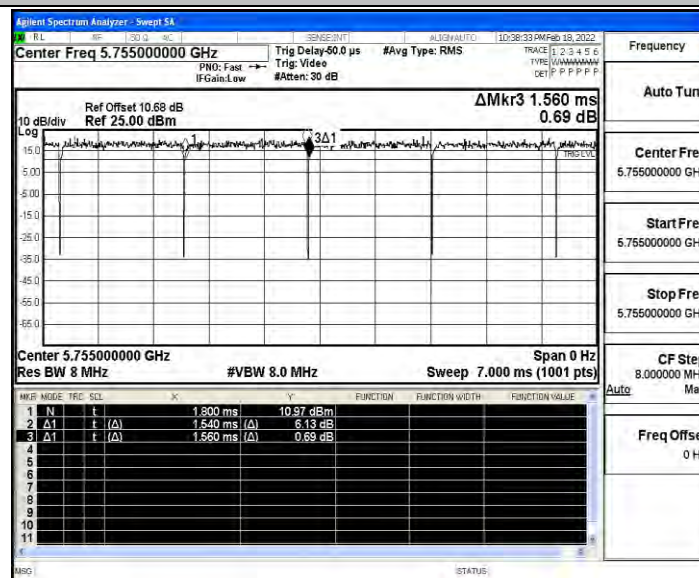




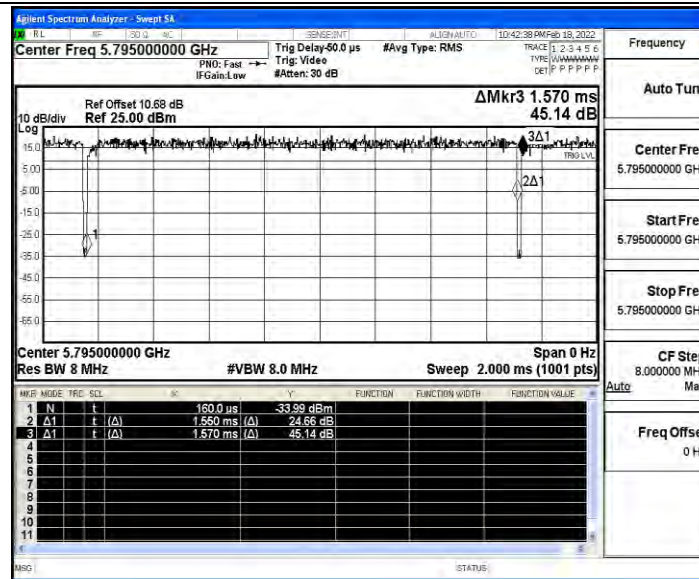
11AC20SISO_Ant0_5825



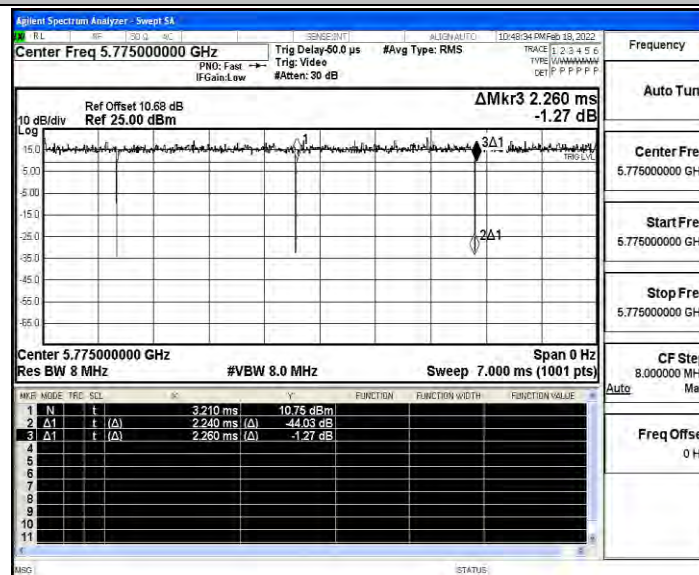
11AC40SISO_Ant0_5755



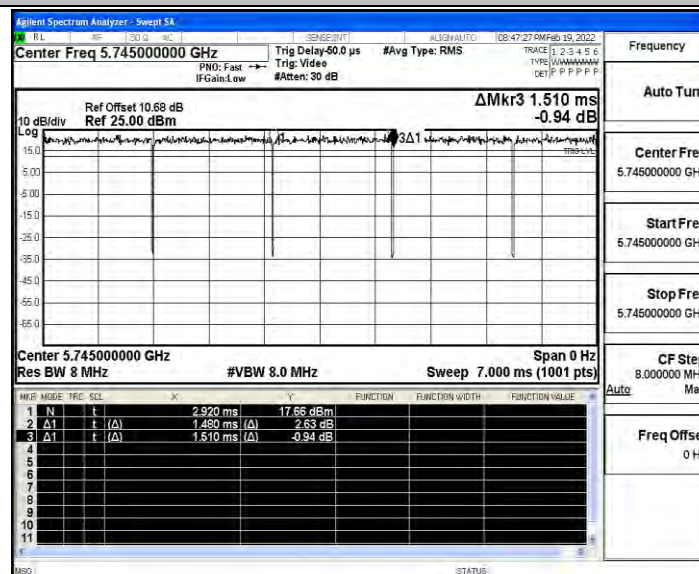
11AC40SISO_Ant0_5795



11AC80SISO_Ant0_5775

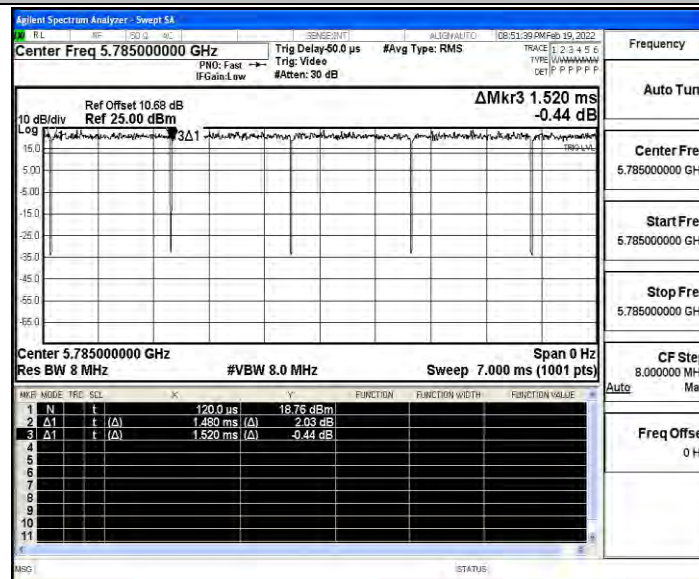


11AX20SISO_Ant0_5745

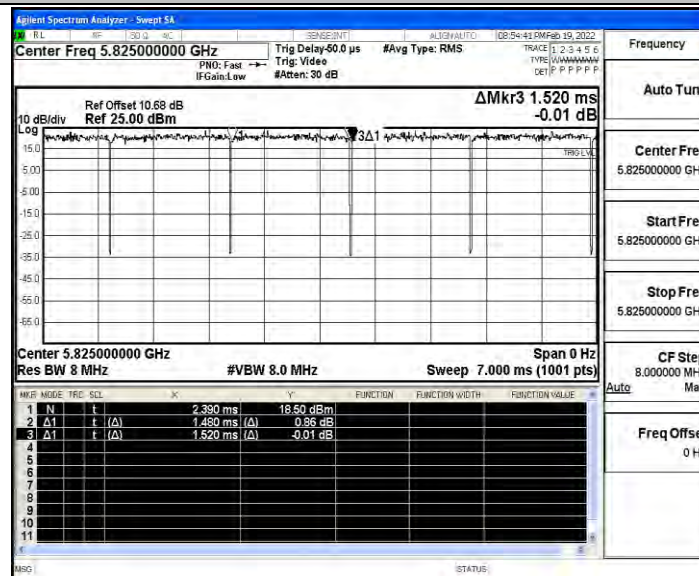




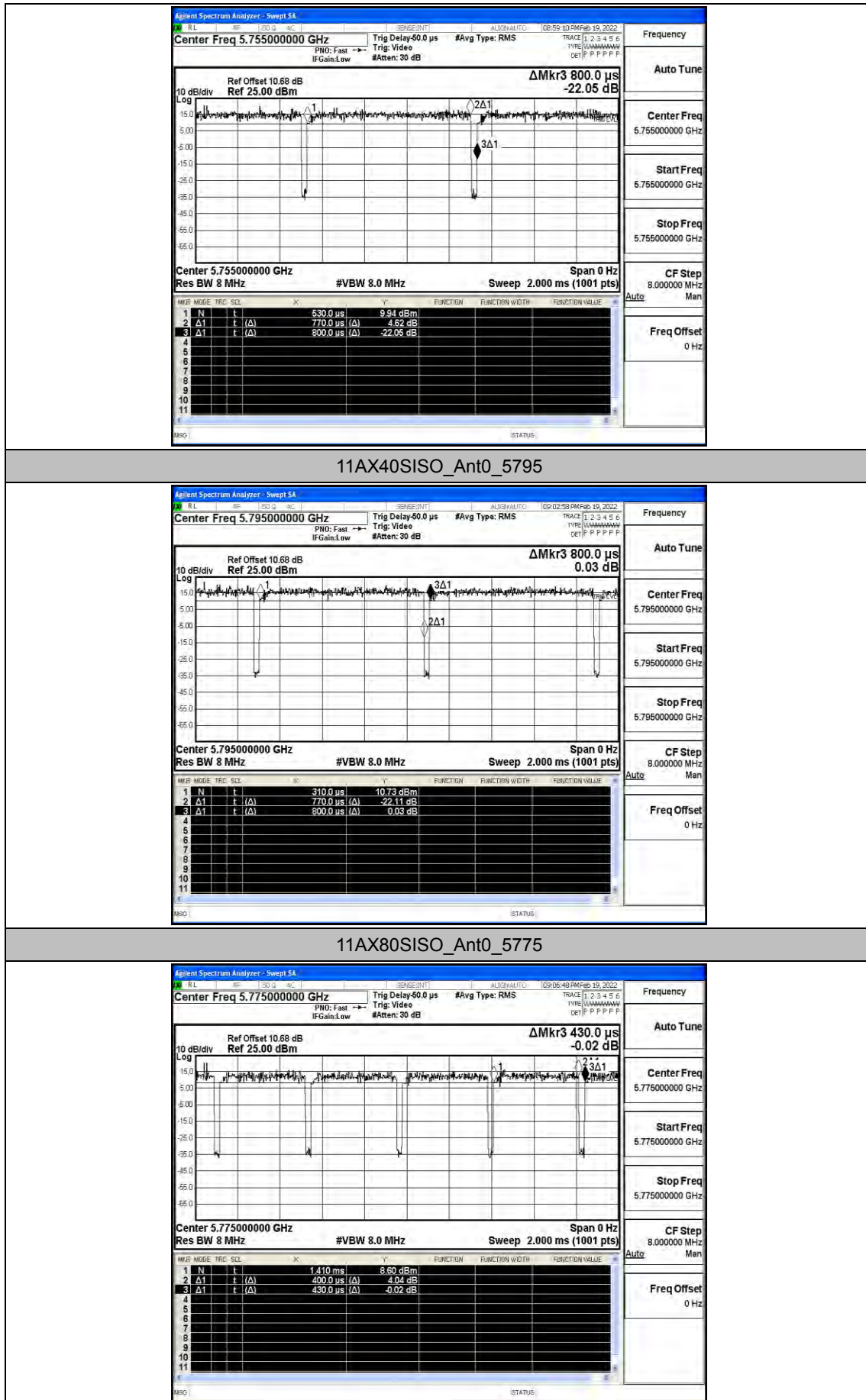
11AX20SISO_Ant0_5785



11AX20SISO_Ant0_5825



11AX40SISO_Ant0_5755





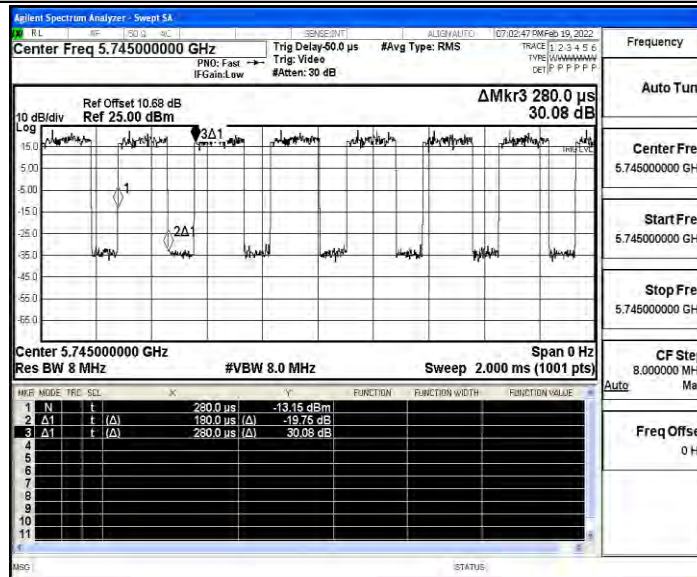
Test Result

TestMode	Antenna	Channel	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	Limit	Verdict
11A	Ant1	5745	0.18	0.28	64.29	---	---
		5785	0.18	0.28	64.29	---	---
		5825	0.18	0.28	64.29	---	---
11N20SISO	Ant1	5745	0.16	0.26	61.54	---	---
		5785	0.16	0.26	61.54	---	---
		5825	0.17	0.27	62.96	---	---
11N40SISO	Ant1	5755	0.10	0.20	50.00	---	---
		5795	0.10	0.20	50.00	---	---
11AC20SISO	Ant1	5745	1.93	1.95	98.97	---	---
		5785	1.93	1.95	98.97	---	---
		5825	1.93	1.95	98.97	---	---
11AC40SISO	Ant1	5755	1.54	1.57	98.09	---	---
		5795	1.54	1.56	98.72	---	---
11AC80SISO	Ant1	5775	2.24	2.26	99.12	---	---
11AX20SISO	Ant1	5745	1.49	1.52	98.03	---	---
		5785	1.49	1.52	98.03	---	---
		5825	1.49	1.52	98.03	---	---
11AX40SISO	Ant1	5755	0.78	0.81	96.30	---	---
		5795	0.77	0.80	96.25	---	---
11AX80SISO	Ant1	5775	0.40	0.43	93.02	---	---

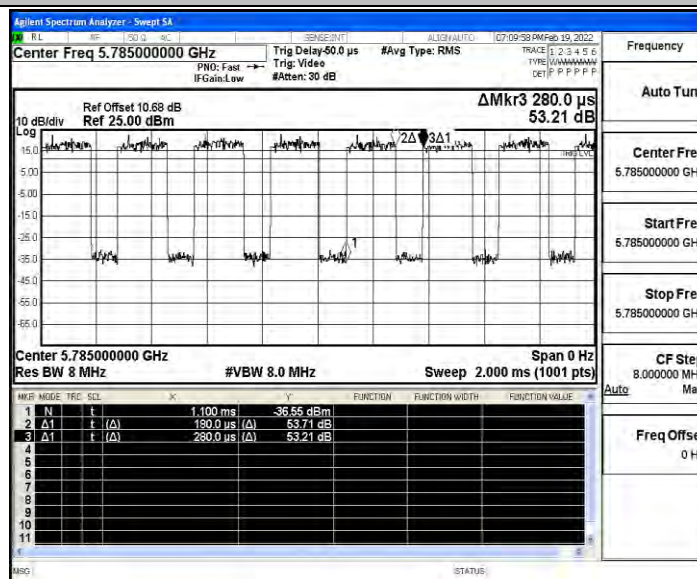


Test Graphs

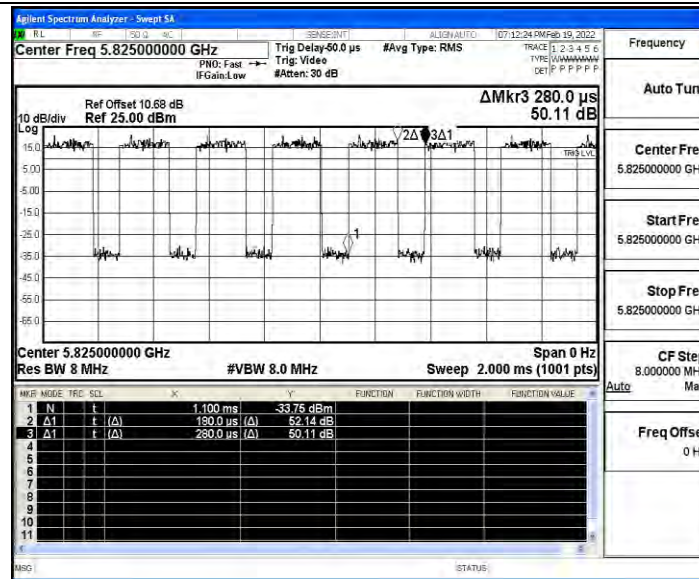
11A_Ant1_5745



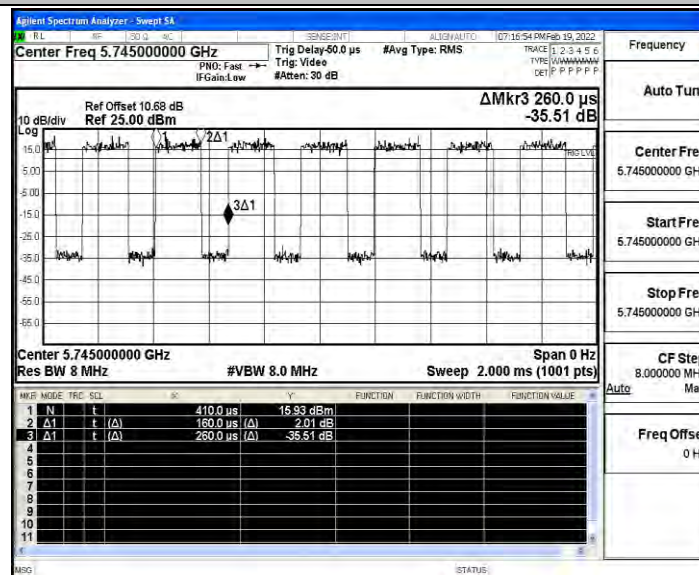
11A_Ant1_5785



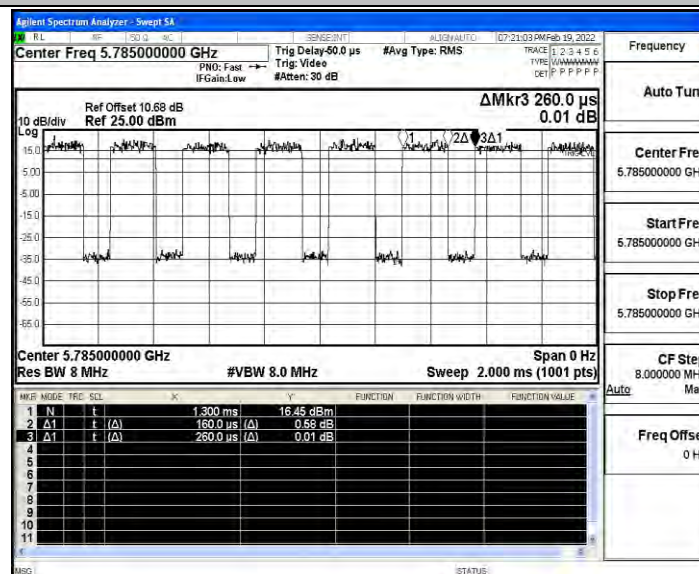
11A_Ant1_5825



11N20SISO_Ant1_5745

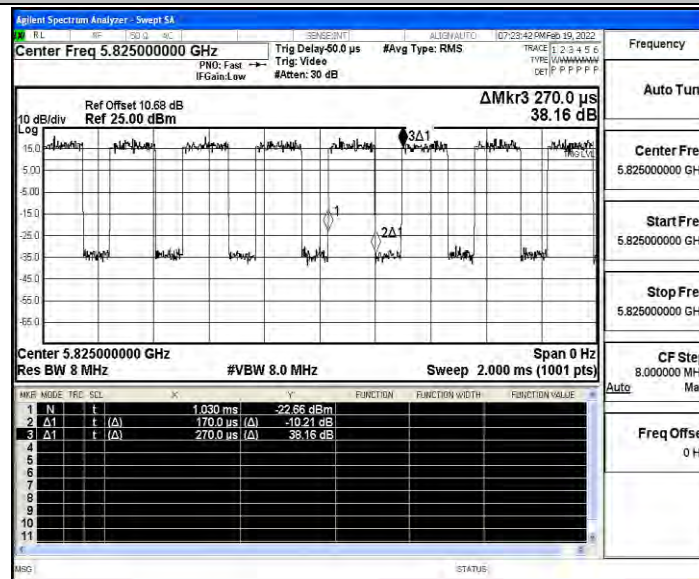


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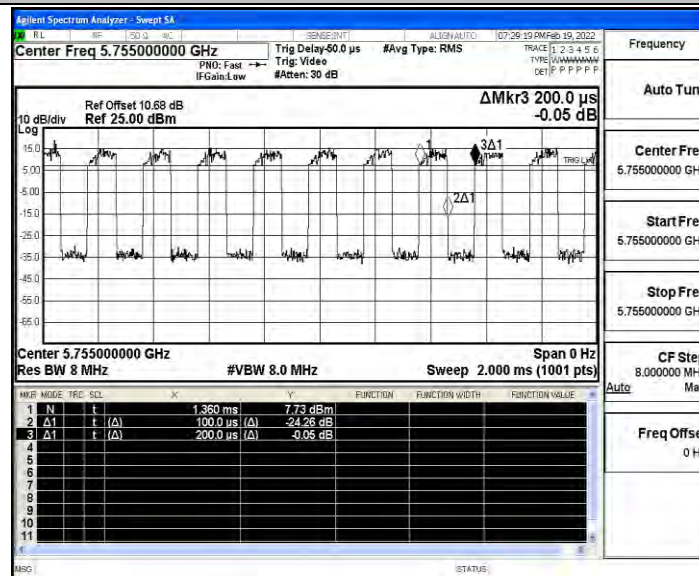




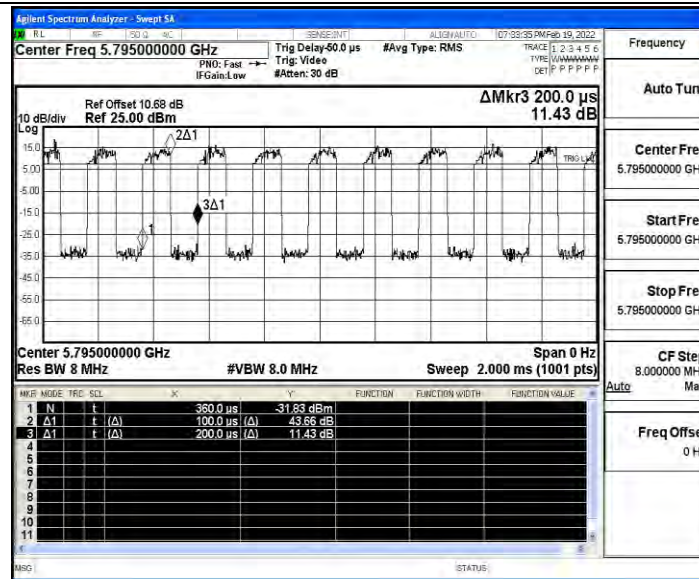
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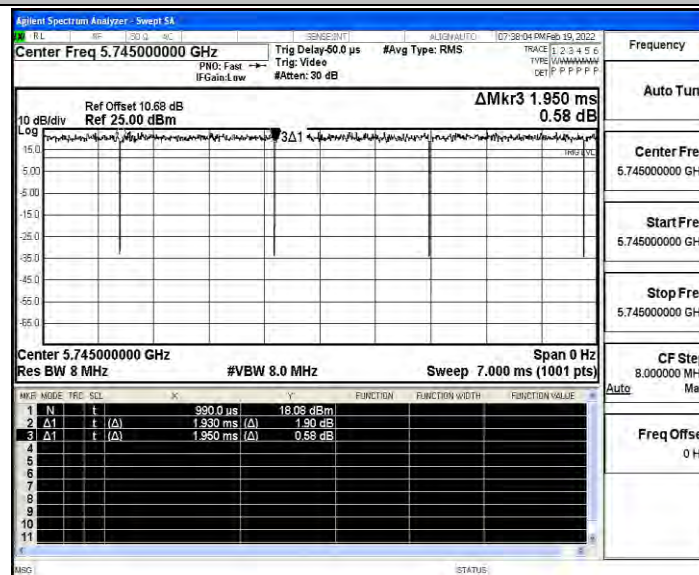
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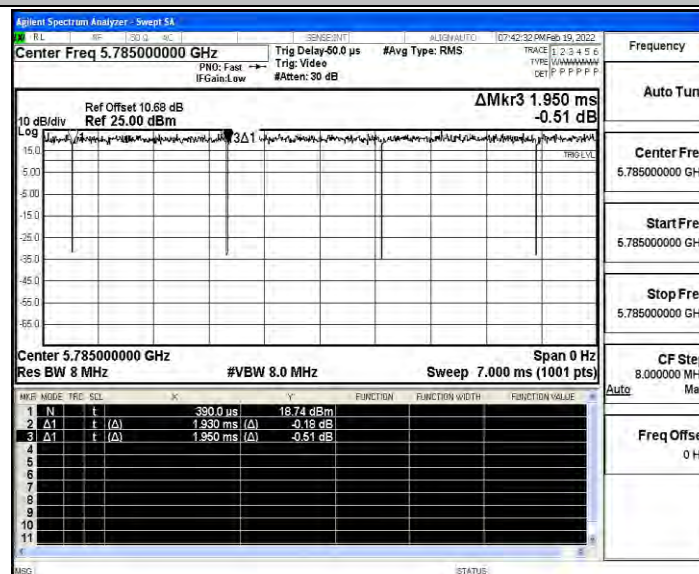
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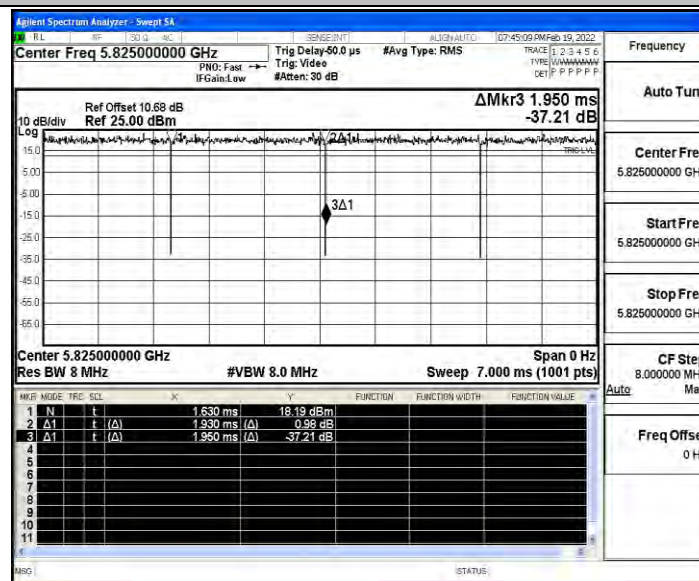


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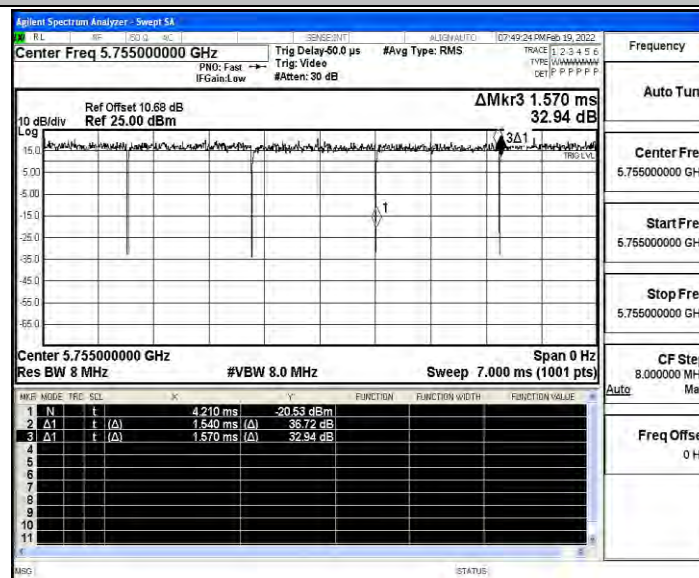




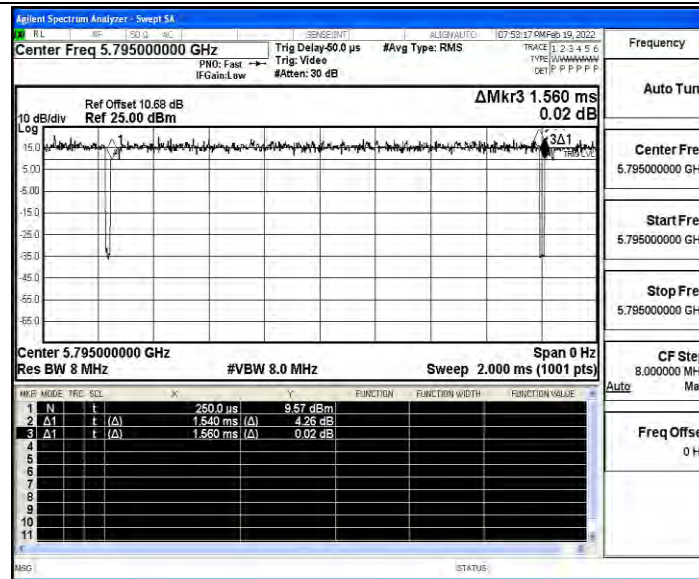
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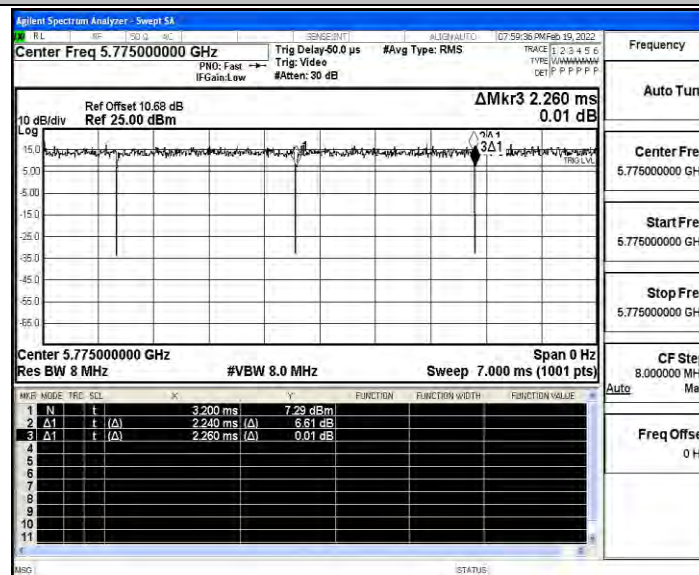
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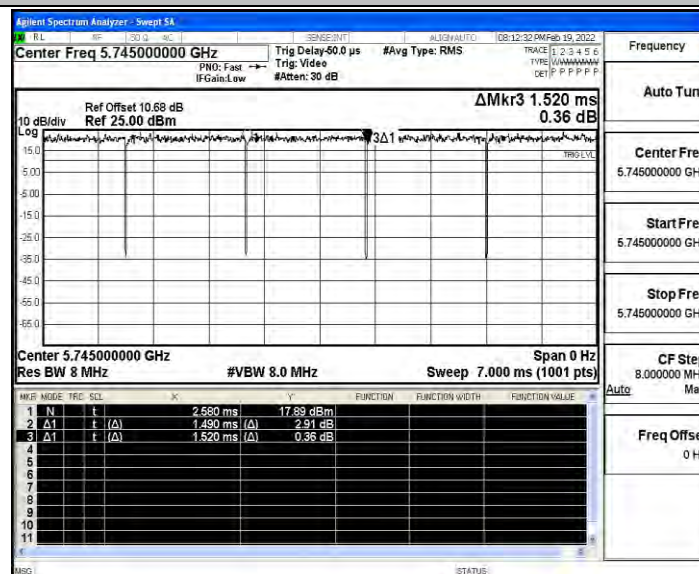
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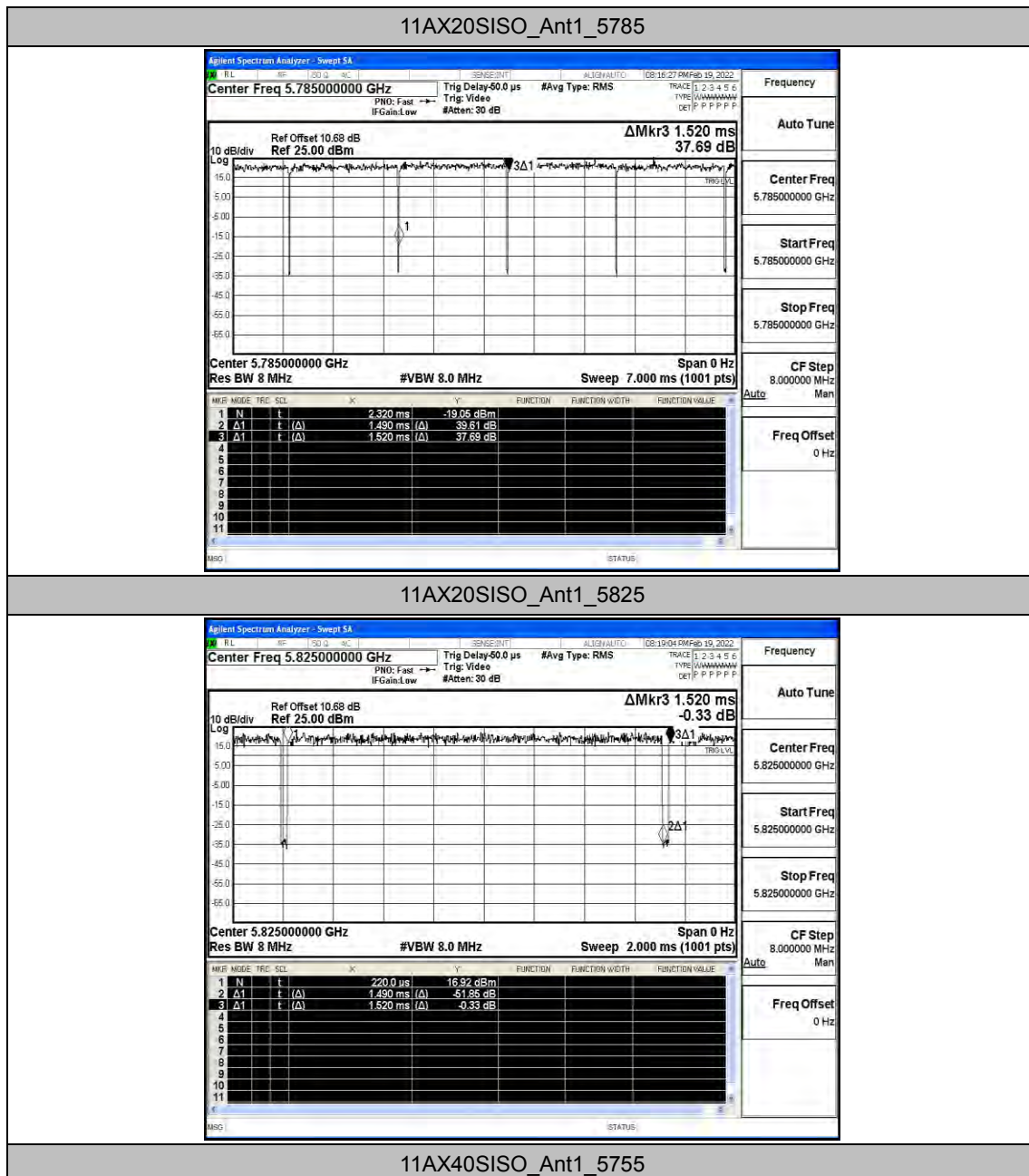


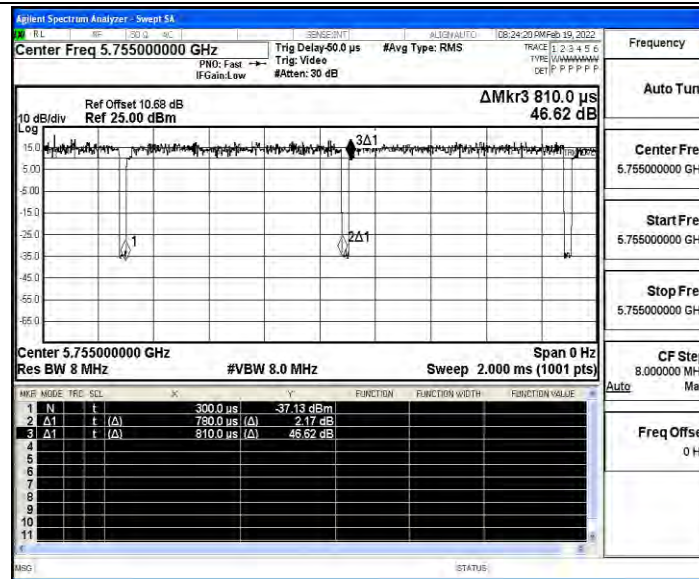
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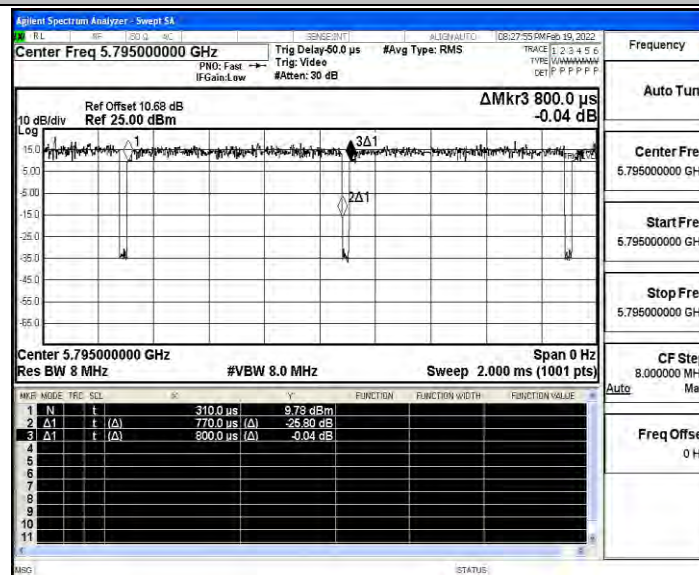
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11AX40SISO_Ant1_5795



11AX80SISO_Ant1_5775

