



Appendix C

RF Test Data for 5.8G WIFI (Conducted Measurement)

Product Name: Brunswick Sync Tablet

Test Model: 57-501587

Environmental Conditions

Temperature:	23.6° C
Relative Humidity:	52.2%
ATM Pressure:	100.0 kPa
Test Engineer:	Kay Hu
Supervised by:	Li Huan

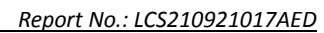


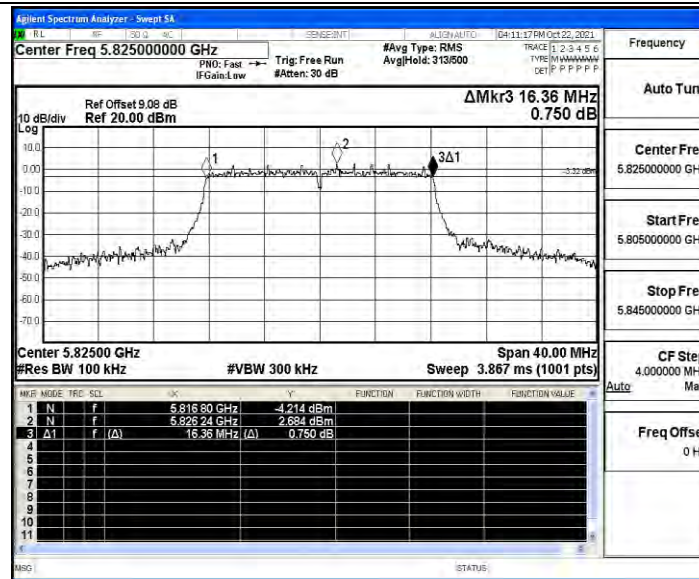
C.1 6dB bandwidth

Test Result

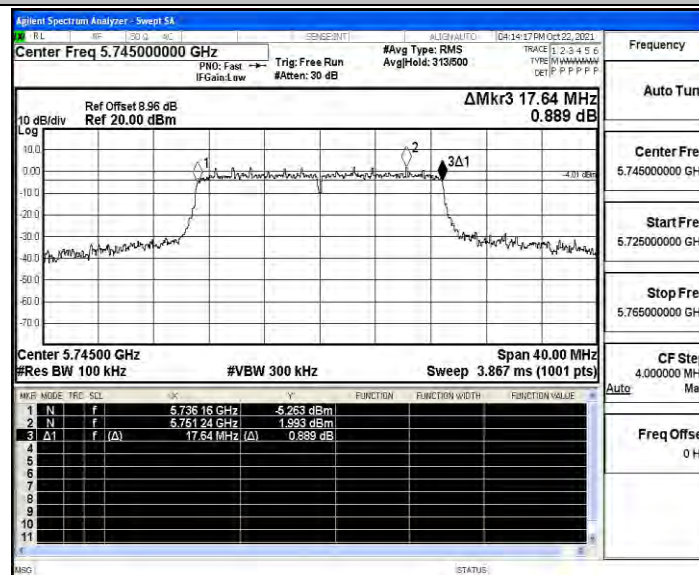
ANT0

TestMode	Antenna	Channel	6db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant0	5745	16.400	5736.800	5753.200	0.5	PASS
		5785	16.400	5776.800	5793.200	0.5	PASS
		5825	16.360	5816.800	5833.160	0.5	PASS
11N20SISO	Ant0	5745	17.640	5736.160	5753.800	0.5	PASS
		5785	17.400	5776.400	5793.800	0.5	PASS
		5825	17.600	5816.200	5833.800	0.5	PASS
11N40SISO	Ant0	5755	35.360	5737.320	5772.680	0.5	PASS
		5795	35.280	5777.320	5812.600	0.5	PASS
11AC20SISO	Ant0	5745	17.600	5736.200	5753.800	0.5	PASS
		5785	17.400	5776.400	5793.800	0.5	PASS
		5825	17.600	5816.200	5833.800	0.5	PASS
11AC40SISO	Ant0	5755	35.440	5737.400	5772.840	0.5	PASS
		5795	35.280	5777.400	5812.680	0.5	PASS
11AC80SISO	Ant0	5775	74.240	5738.520	5812.760	0.5	PASS

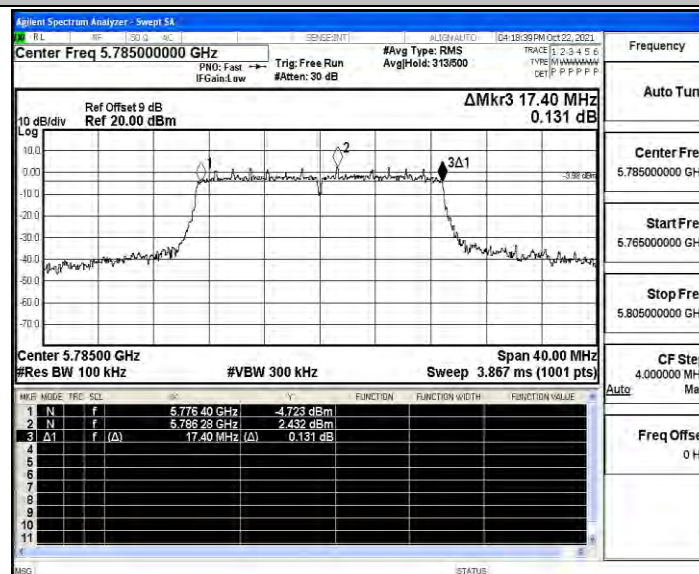




11N20SISO_Ant0_5745

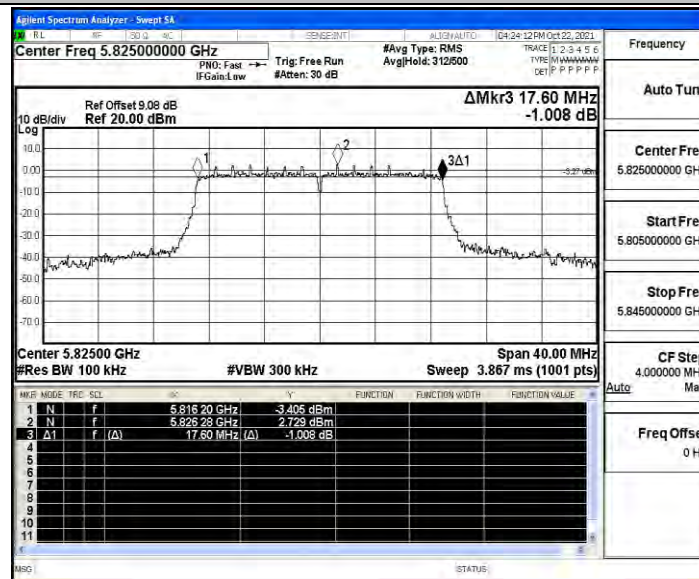


11N20SISO_Ant0_5785

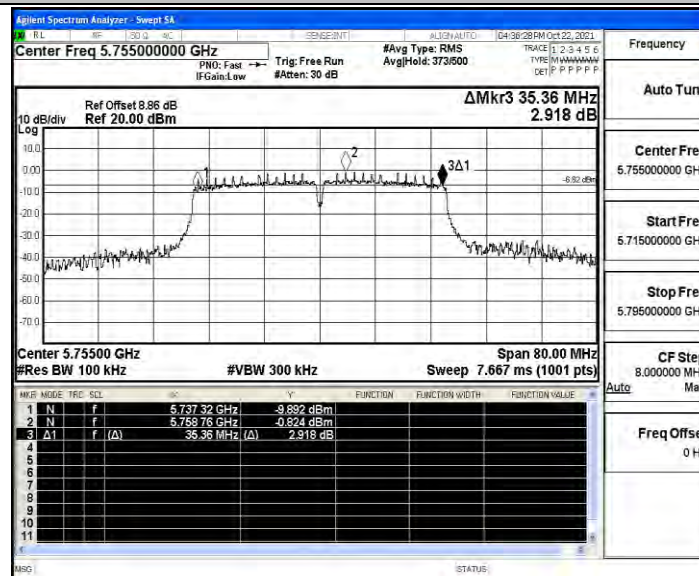




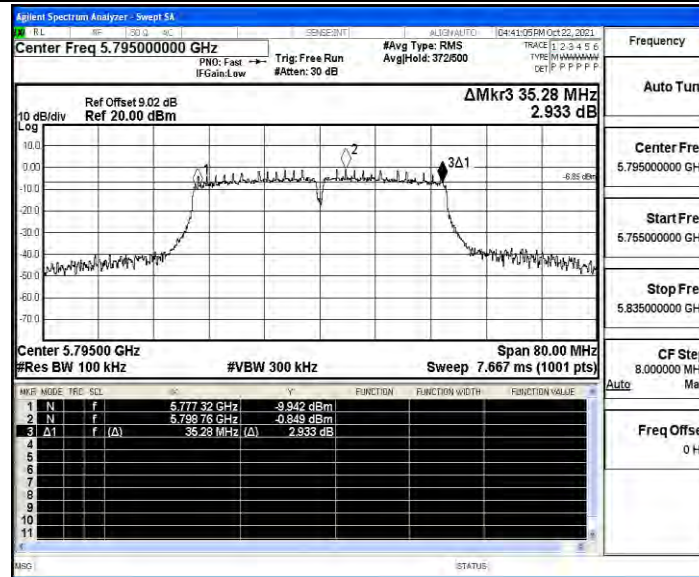
11N20SISO_Ant0_5825



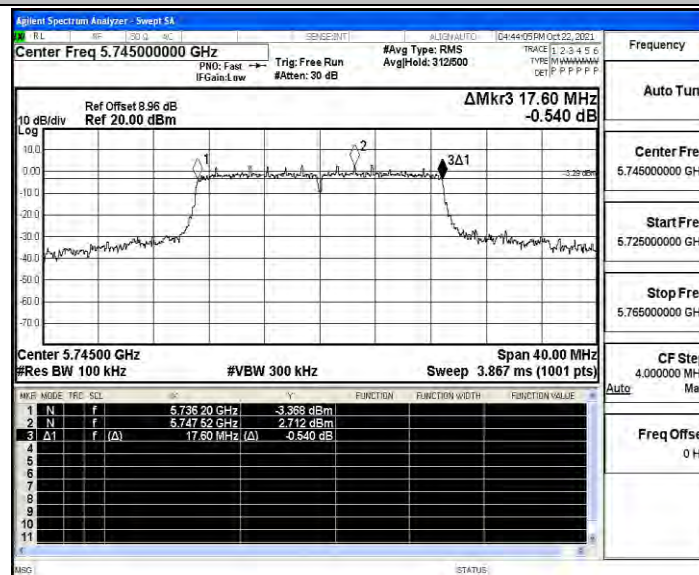
11N40SISO_Ant0_5755



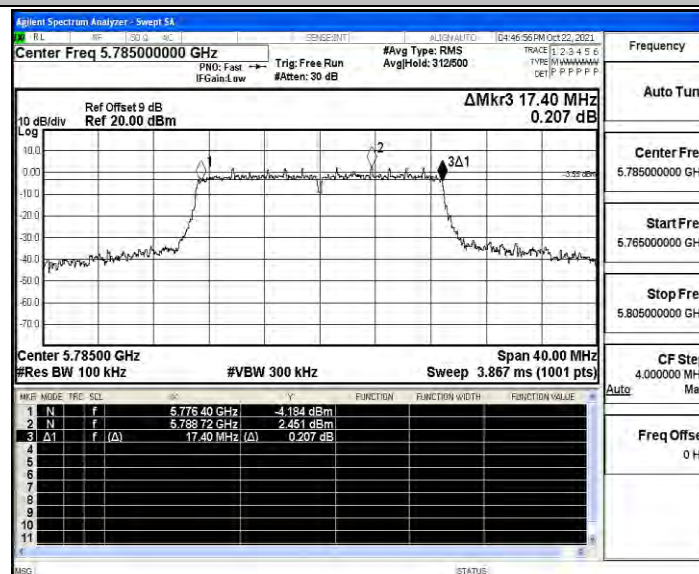
11N40SISO_Ant0_5795



11AC20SISO_Ant0_5745

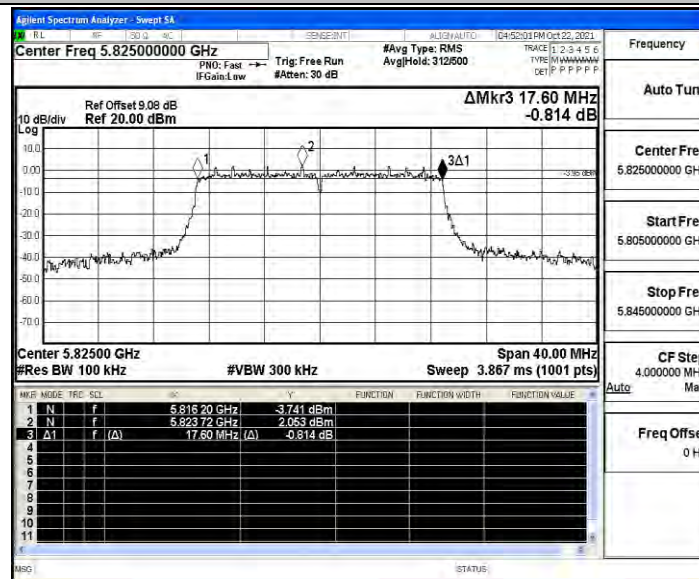


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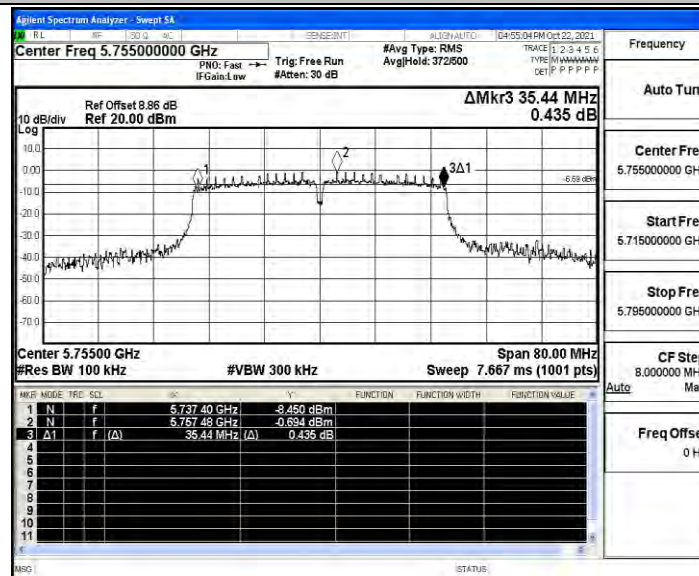




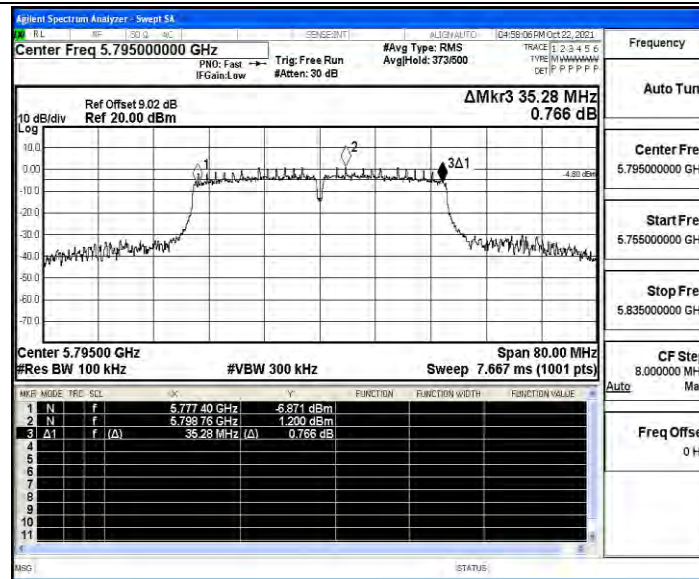
11AC20SISO_Ant0_5825



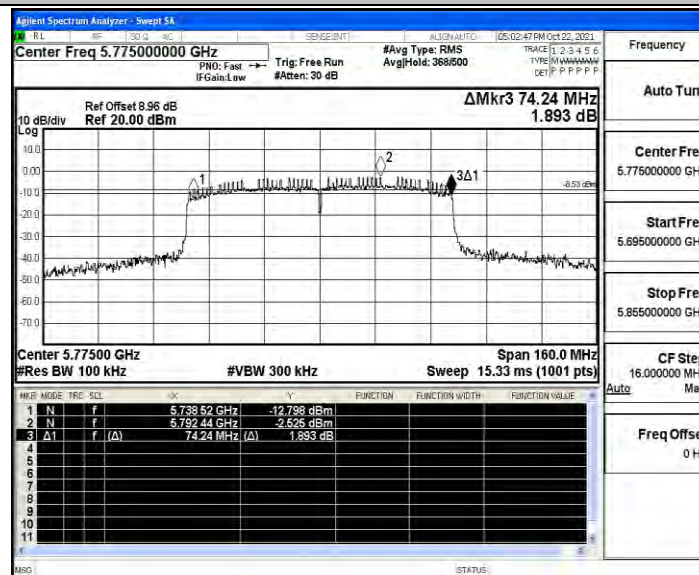
11AC40SISO_Ant0_5755



11AC40SISO_Ant0_5795



11AC80SISO_Ant0_5775

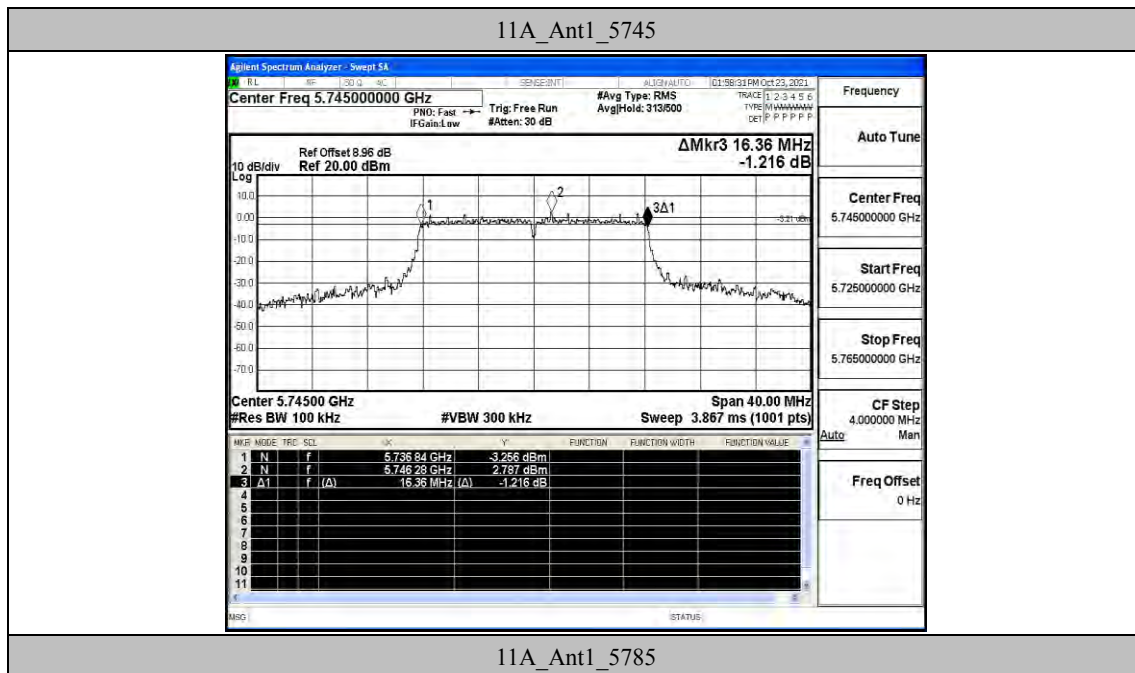


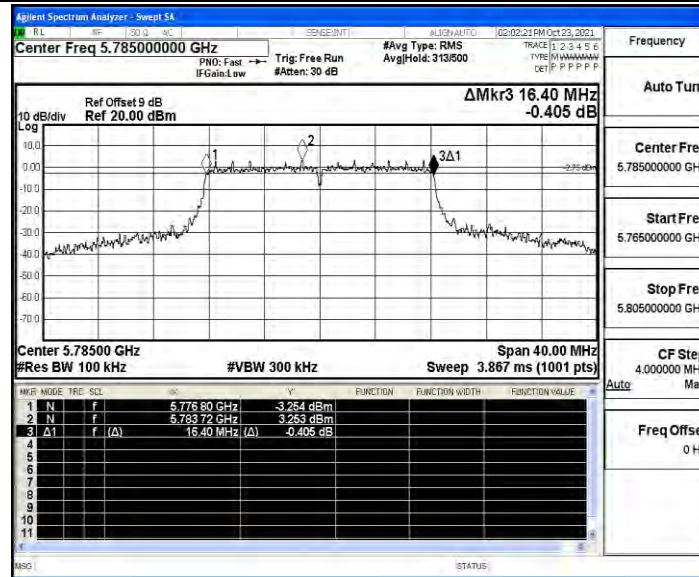


ANT1

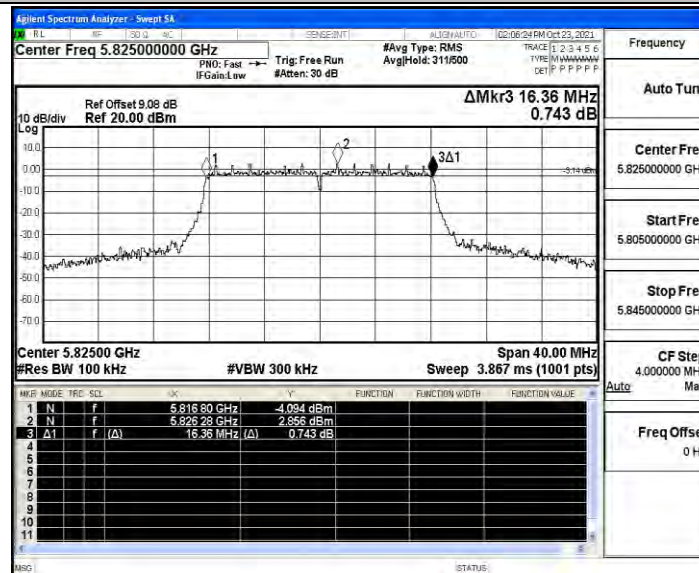
TestMode	Antenna	Channel	6db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5745	16.360	5736.840	5753.200	0.5	PASS
		5785	16.400	5776.800	5793.200	0.5	PASS
		5825	16.360	5816.800	5833.160	0.5	PASS
11N20SISO	Ant1	5745	17.240	5736.560	5753.800	0.5	PASS
		5785	17.400	5776.400	5793.800	0.5	PASS
		5825	17.600	5816.200	5833.800	0.5	PASS
11N40SISO	Ant1	5755	35.200	5737.400	5772.600	0.5	PASS
		5795	35.200	5777.400	5812.600	0.5	PASS
11AC20SISO	Ant1	5745	17.320	5736.480	5753.800	0.5	PASS
		5785	17.360	5776.440	5793.800	0.5	PASS
		5825	17.640	5816.160	5833.800	0.5	PASS
11AC40SISO	Ant1	5755	35.200	5737.400	5772.600	0.5	PASS
		5795	35.360	5777.320	5812.680	0.5	PASS
11AC80SISO	Ant1	5775	74.240	5738.520	5812.760	0.5	PASS

Test Graphs

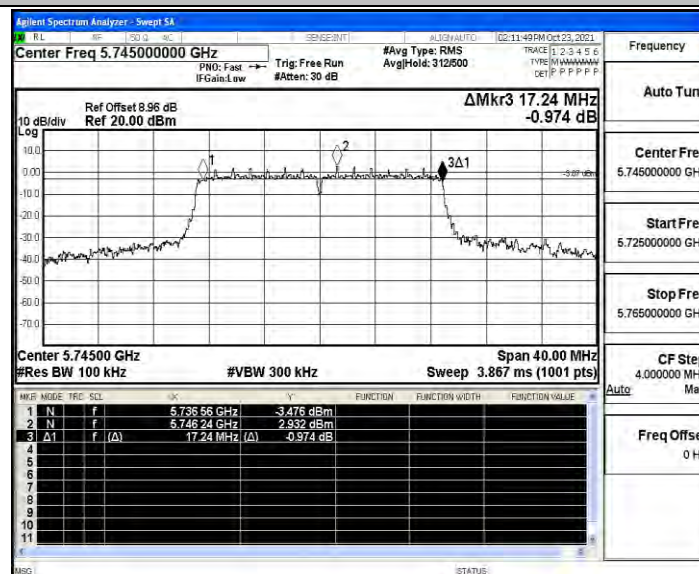




11A_Ant1_5825

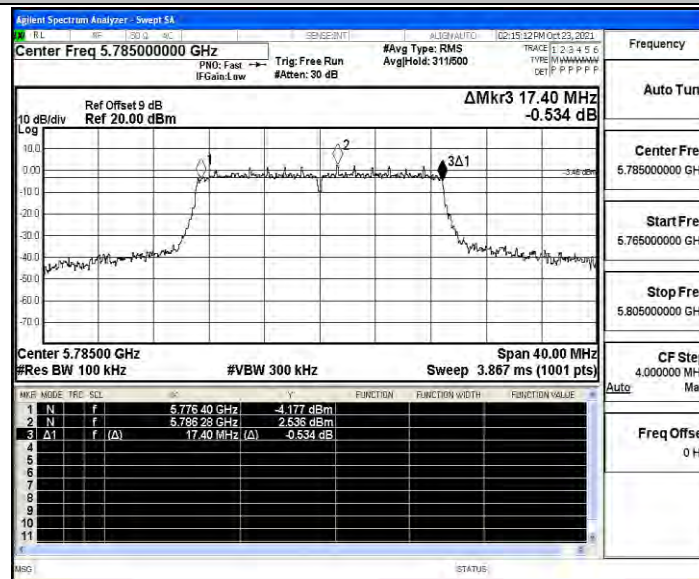


11N20SISO_Ant1_5745

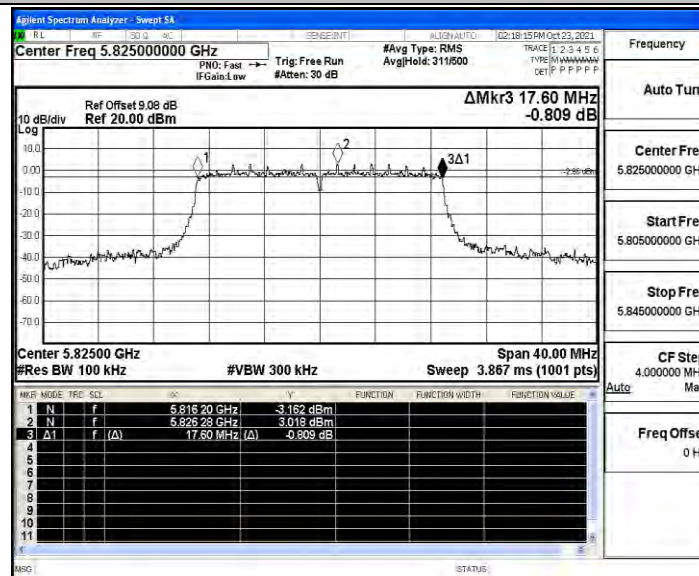




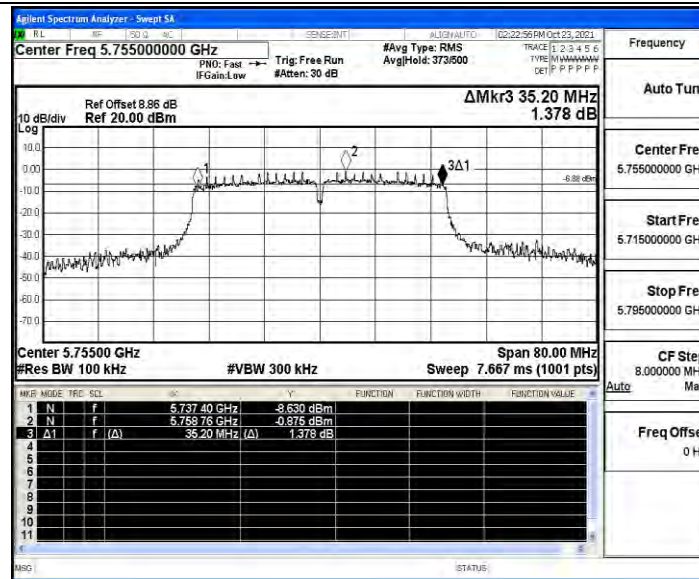
11N20SISO_Ant1_5785



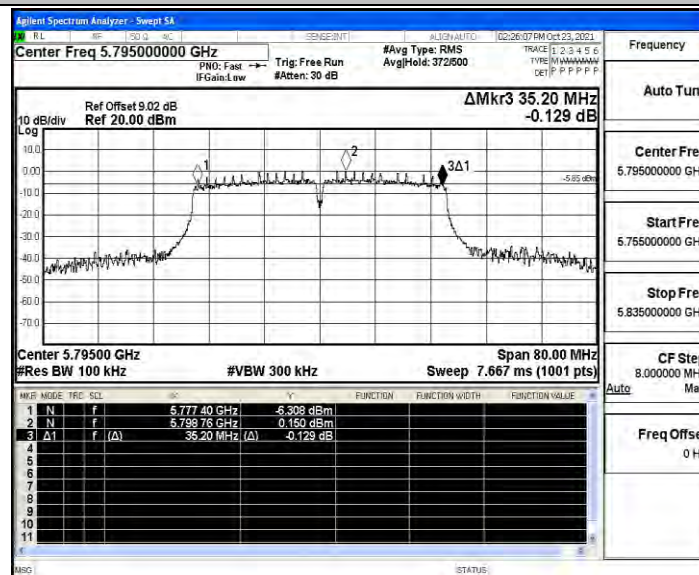
11N20SISO_Ant1_5825



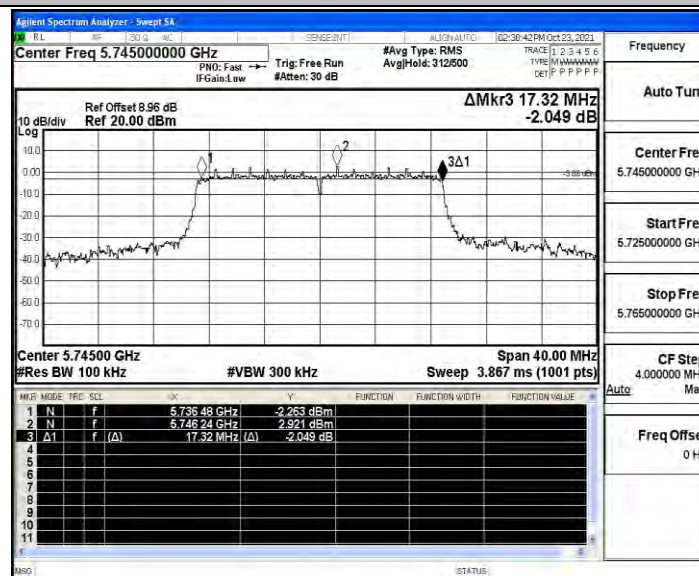
11N40SISO_Ant1_5755



11N40SISO_Ant1_5795

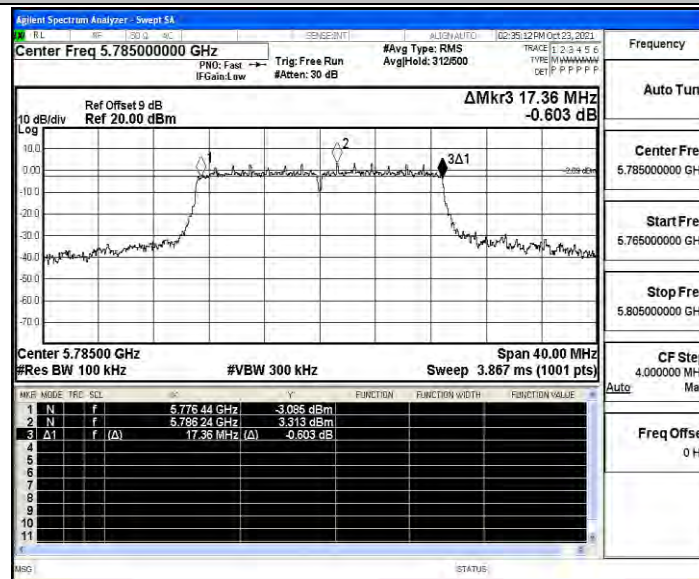


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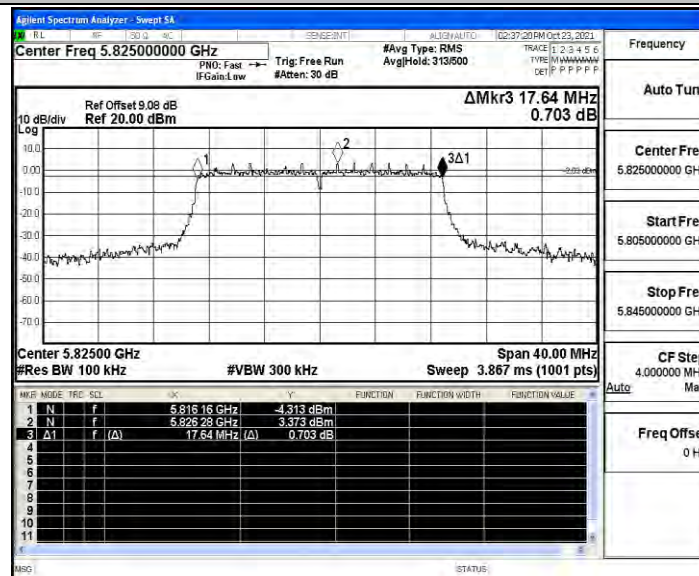




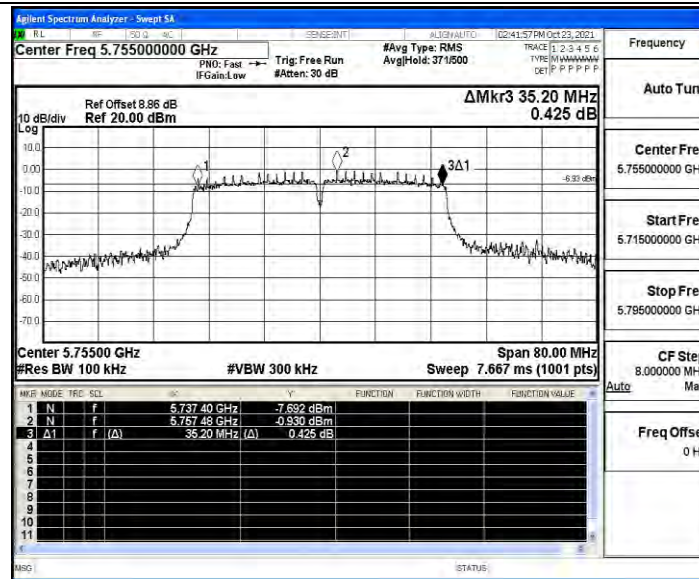
11AC20SISO_Ant1_5785



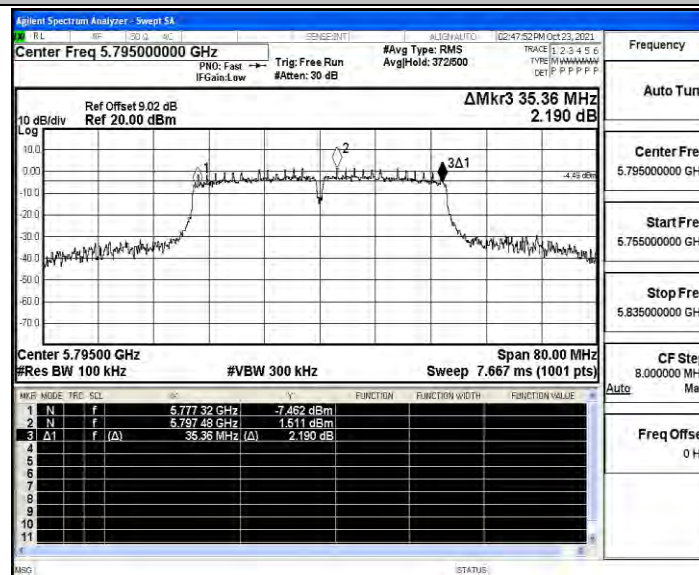
11AC20SISO_Ant1_5825



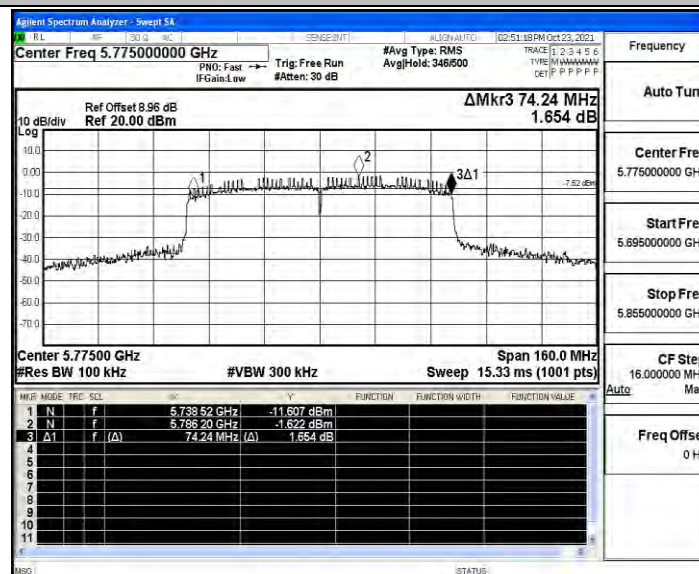
11AC40SISO_Ant1_5755



11AC40SISO_Ant1_5795



11AC80SISO_Ant1_5775





C.2 Maximum conducted output power

Test Result

ANT0

TestMode	Antenna	Channel	Result[dBm]	Limit[dBm]	Verdict
11A	Ant0	5745	13.68	≤30	PASS
		5785	13.50	≤30	PASS
		5825	14.00	≤30	PASS
11N20SISO	Ant0	5745	13.62	≤30	PASS
		5785	13.49	≤30	PASS
		5825	14.02	≤30	PASS
11N40SISO	Ant0	5755	13.10	≤30	PASS
		5795	13.00	≤30	PASS
11AC20SISO	Ant0	5745	14.06	≤30	PASS
		5785	13.89	≤30	PASS
		5825	13.65	≤30	PASS
11AC40SISO	Ant0	5755	13.02	≤30	PASS
		5795	14.81	≤30	PASS
11AC80SISO	Ant0	5775	13.79	≤30	PASS

ANT1

TestMode	Antenna	Channel	Result[dBm]	Limit[dBm]	Verdict
11A	Ant1	5745	13.70	≤30	PASS
		5785	14.85	≤30	PASS
		5825	14.15	≤30	PASS
11N20SISO	Ant1	5745	13.97	≤30	PASS
		5785	13.56	≤30	PASS
		5825	14.17	≤30	PASS
11N40SISO	Ant1	5755	13.02	≤30	PASS
		5795	14.20	≤30	PASS
11AC20SISO	Ant1	5745	13.79	≤30	PASS
		5785	14.38	≤30	PASS
		5825	14.82	≤30	PASS
11AC40SISO	Ant1	5755	12.65	≤30	PASS
		5795	14.82	≤30	PASS
11AC80SISO	Ant1	5775	14.74	≤30	PASS



MIMO

Test Mode	Channel	Frequency (MHz)	ANT 0 AVG Conducted Power (dBm)	ANT 1 AVG Conducted Power (dBm)	MIMO AVG Conducted Power (dBm)	Limit (dBm)	Verdict
11N20MIMO	149	5745	13.62	13.97	16.81	30.00	Pass
	157	5785	13.49	13.56	16.54		Pass
	165	5825	14.02	14.17	17.11		Pass
11N40 MIMO	151	5755	13.10	13.02	16.07	30.00	Pass
	159	5795	13.00	14.20	16.65		Pass
11AC20 MIMO	149	5745	14.06	13.79	16.94	30.00	Pass
	157	5785	13.89	14.38	17.15		Pass
	165	5825	13.65	14.82	17.28		Pass
11AC40 MIMO	151	5755	13.02	12.65	15.85	30.00	Pass
	159	5795	14.81	14.82	17.83		Pass
11AC80 MIMO	155	5775	13.79	14.74	17.30	30.00	Pass

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



C.3 Maximum power spectral density

Test Result

ANT0

TestMode	Antenna	Channel	Result [dBm/MHz]	Limit[dBm/MHz]	Verdict
11A	Ant0	5745	-0.20	≤30	PASS
		5785	-0.13	≤30	PASS
		5825	0.11	≤30	PASS
11N20SISO	Ant0	5745	-0.57	≤30	PASS
		5785	-0.63	≤30	PASS
		5825	-0.12	≤30	PASS
11N40SISO	Ant0	5755	-3.53	≤30	PASS
		5795	-3.44	≤30	PASS
11AC20SISO	Ant0	5745	0.17	≤30	PASS
		5785	-0.39	≤30	PASS
		5825	-0.36	≤30	PASS
11AC40SISO	Ant0	5755	-3.55	≤30	PASS
		5795	-1.48	≤30	PASS
11AC80SISO	Ant0	5775	-5.32	≤30	PASS

ANT1

TestMode	Antenna	Channel	Result [dBm/MHz]	Limit[dBm/MHz]	Verdict
11A	Ant1	5745	0.46	≤30	PASS
		5785	1.21	≤30	PASS
		5825	0.34	≤30	PASS
11N20SISO	Ant1	5745	-0.08	≤30	PASS
		5785	-0.54	≤30	PASS
		5825	0.10	≤30	PASS
11N40SISO	Ant1	5755	-3.57	≤30	PASS
		5795	-3.1	≤30	PASS
11AC20SISO	Ant1	5745	0.04	≤30	PASS
		5785	0.2	≤30	PASS
		5825	0.89	≤30	PASS
11AC40SISO	Ant1	5755	-3.64	≤30	PASS
		5795	-1.82	≤30	PASS
11AC80SISO	Ant1	5775	-4.31	≤30	PASS

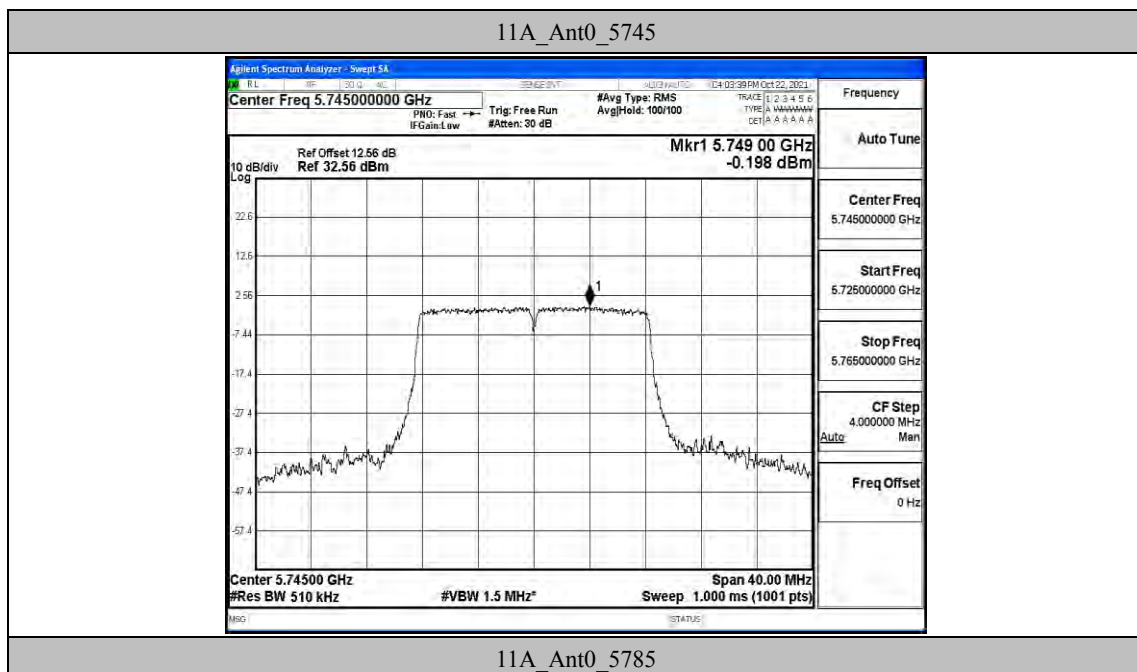


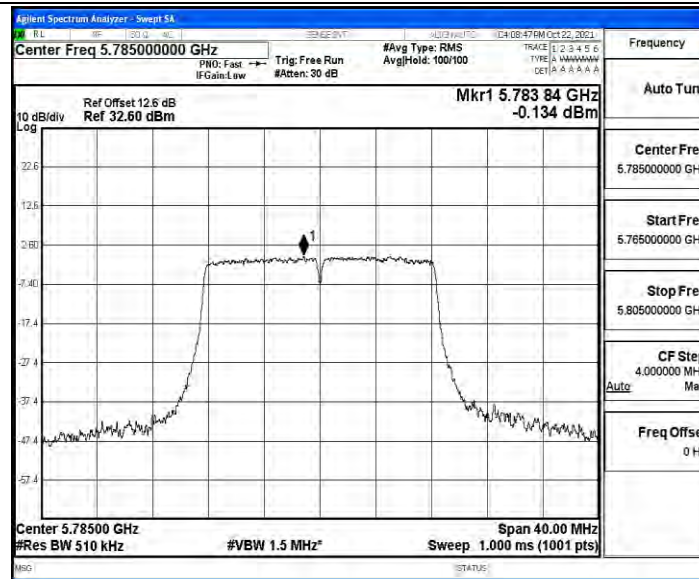
MIMO

Test Mode	Channel	Frequency (MHz)	ANT 0 Power Density (dBm/500KHz)	ANT 1 Power Density (dBm/500KHz)	MIMO Power Density (dBm/500KHz)	Report Power Density (dBm/500KHz)	Verdict
11N20	149	5745	-0.57	-0.08	2.69	29.99	Pass
	157	5785	-0.63	-0.54	2.43		Pass
	165	5825	-0.12	0.1	3.00		Pass
11N40	151	5755	-3.53	-3.57	-0.54	29.99	Pass
	159	5795	-3.44	-3.1	-0.26		Pass
11AC20	149	5745	0.17	0.04	3.12	29.99	Pass
	157	5785	-0.39	0.2	2.93		Pass
	165	5825	-0.36	0.89	3.32		Pass
11AC40	151	5755	-3.55	-3.64	-0.58	29.99	Pass
	159	5795	-1.48	-1.82	1.36		Pass
11AC80	155	5775	-5.32	-4.31	-1.78	29.99	Pass

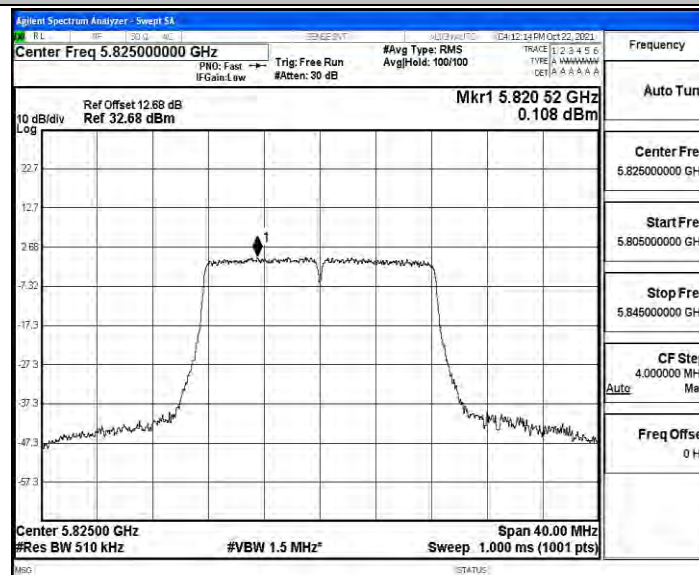
Note: 1.The Duty Cycle Factor is compensated in the graph.

Test Graphs(ANT0)

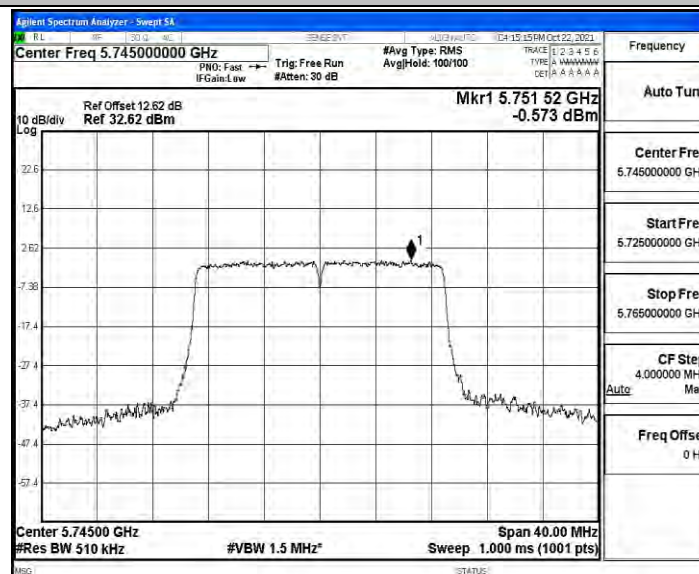




11A_Ant0_5825

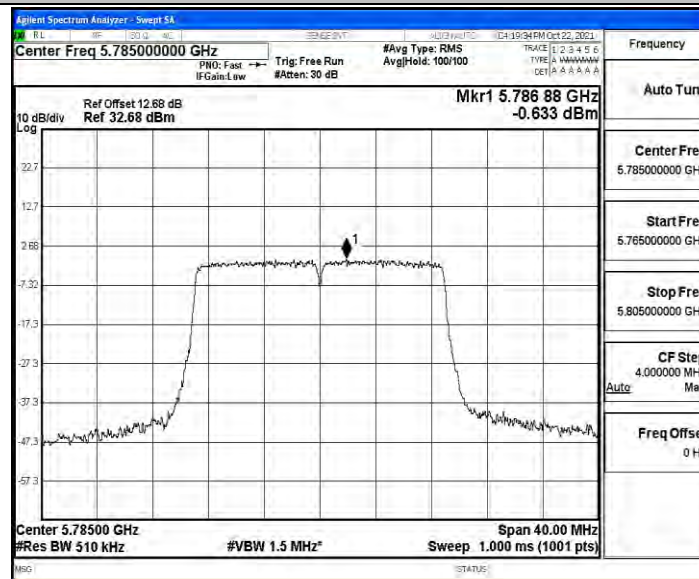


11N20SISO_Ant0_5745

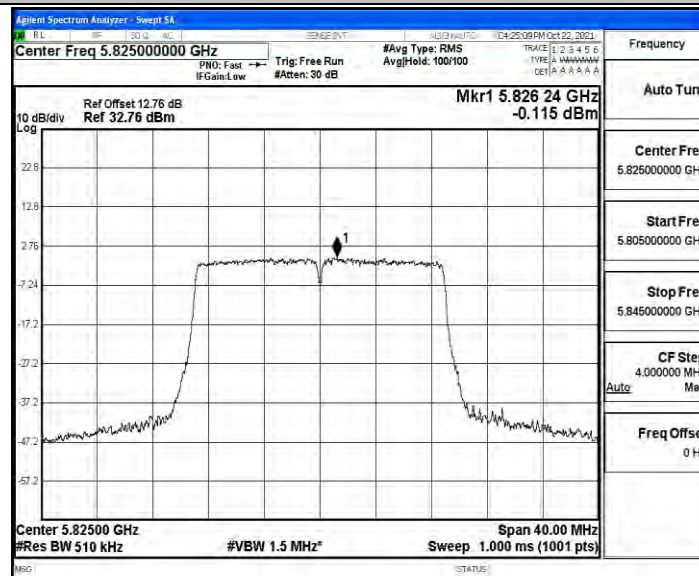




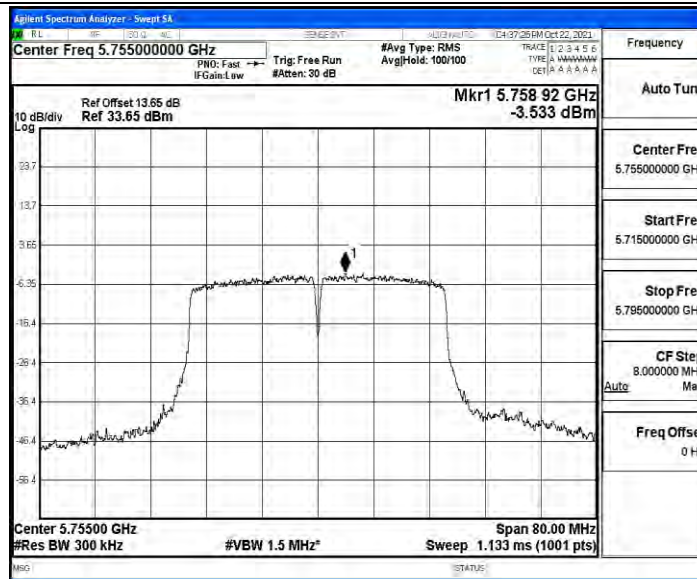
11N20SISO_Ant0_5785



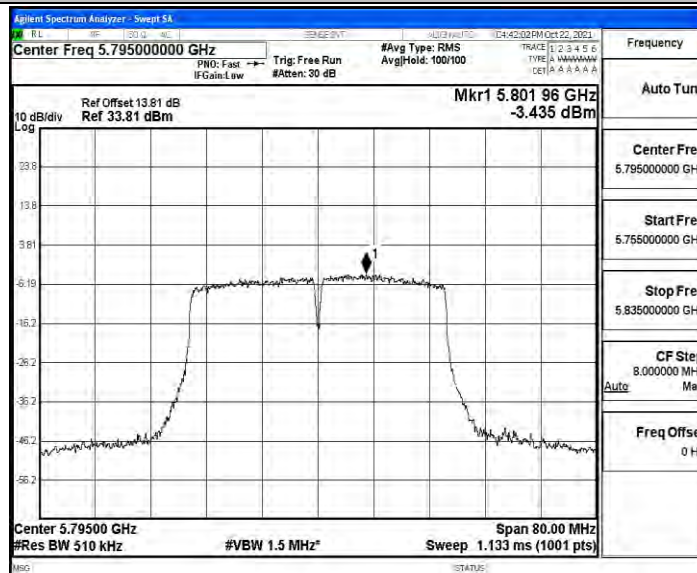
11N20SISO_Ant0_5825



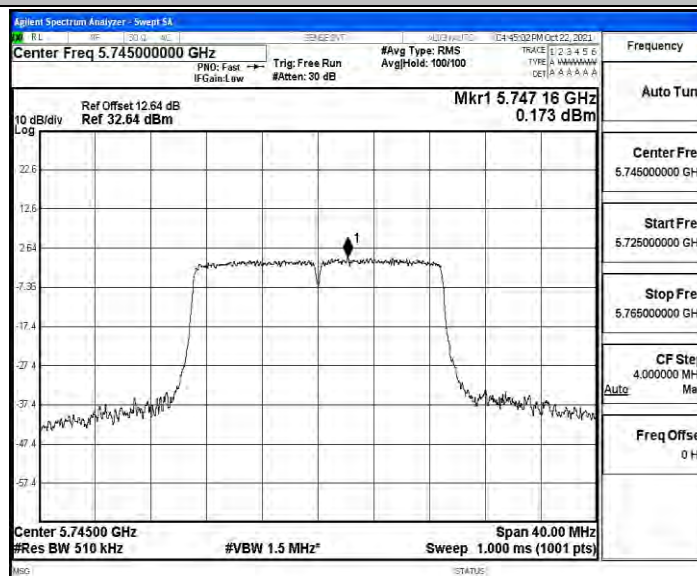
11N40SISO_Ant0_5755



11N40SISO_Ant0_5795

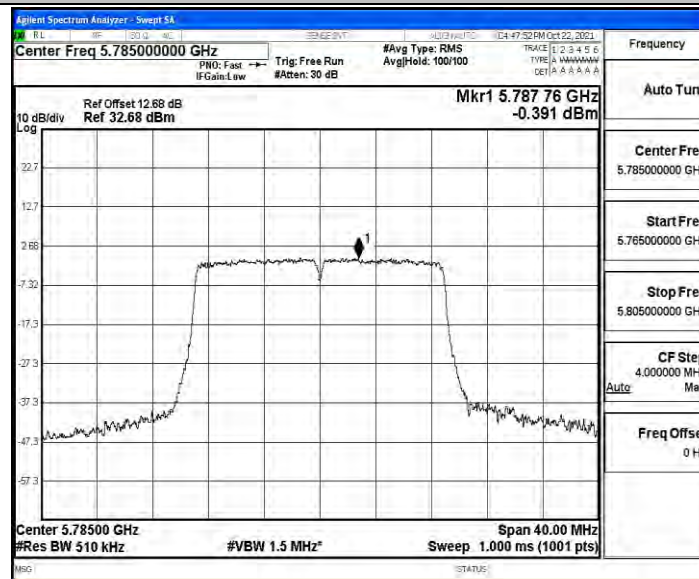


11AC20SISO_Ant0_5745

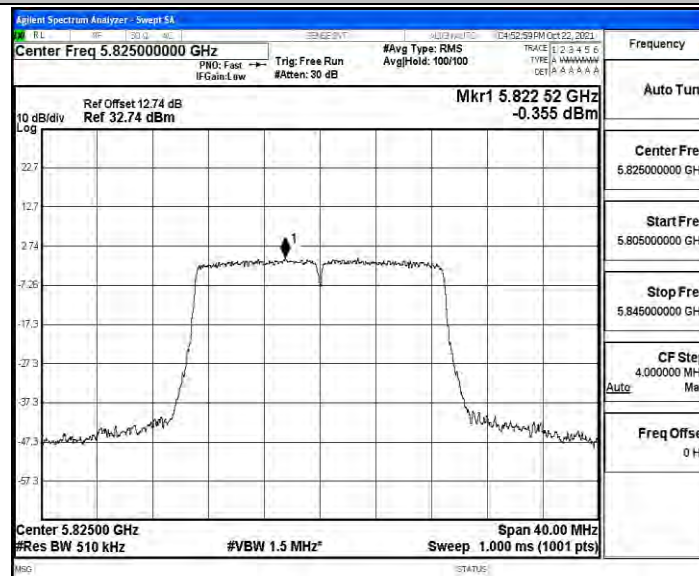




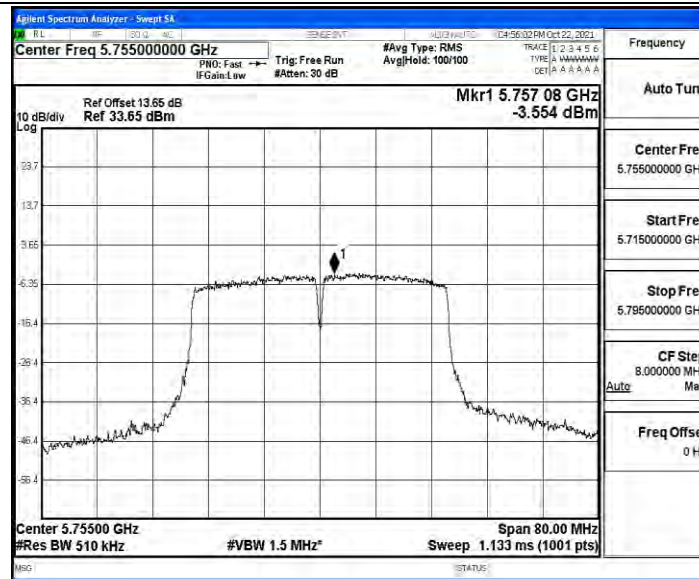
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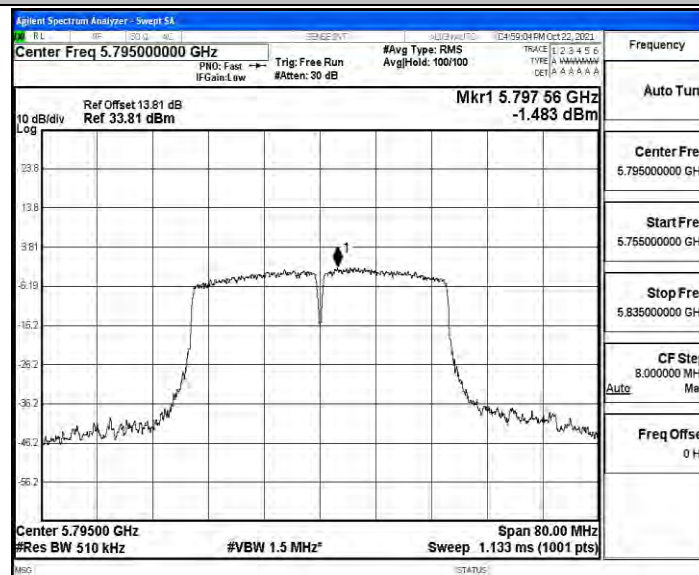
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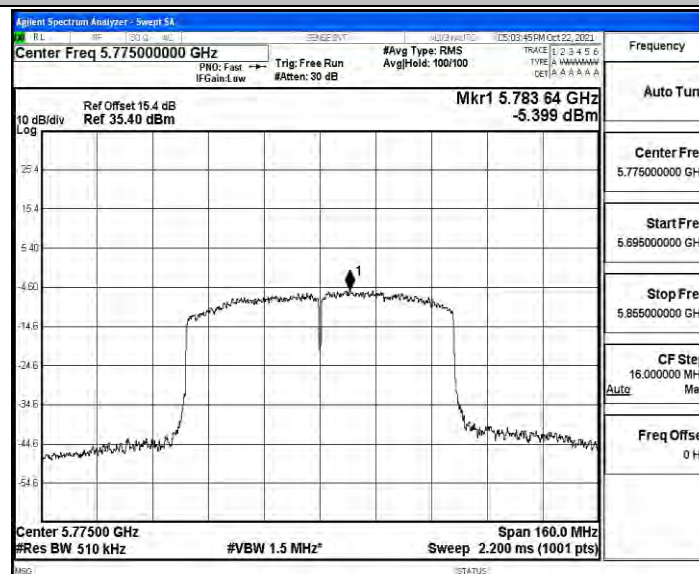
11AC40SISO_Ant0_5755



11AC40SISO_Ant0_5795



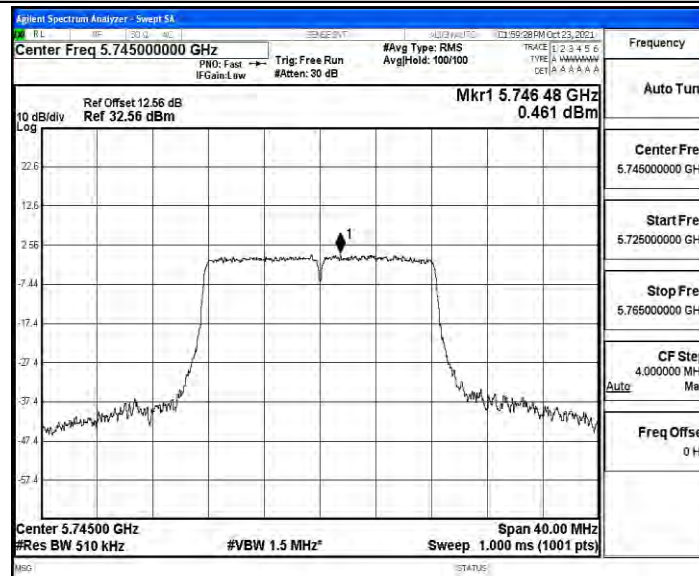
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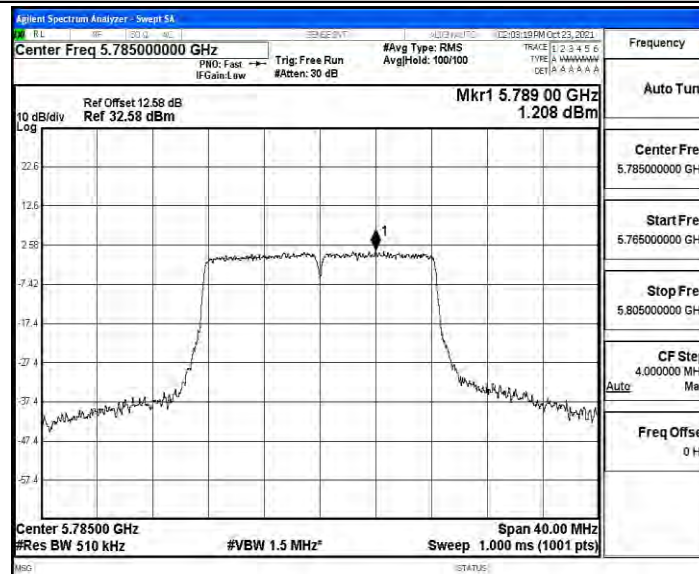


Test Graphs(ANT1)

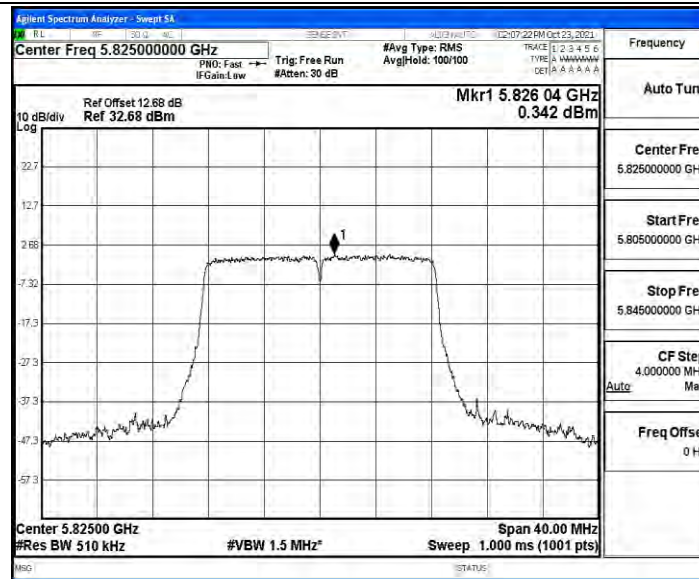
11A_Ant1_5745



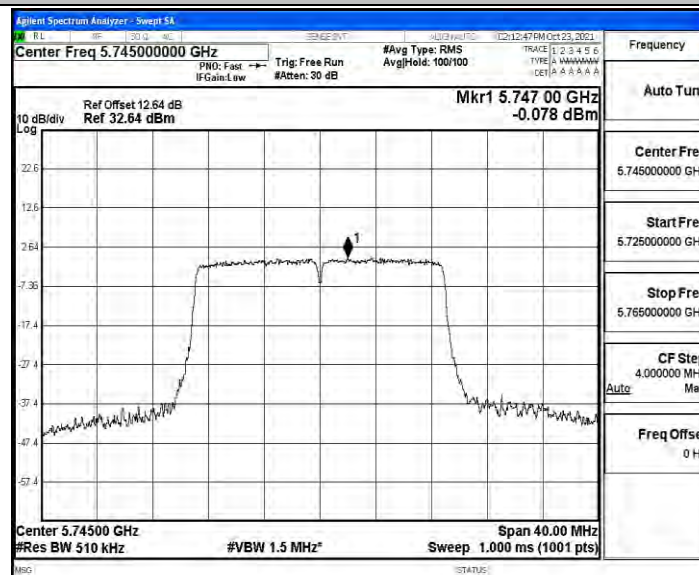
11A_Ant1_5785



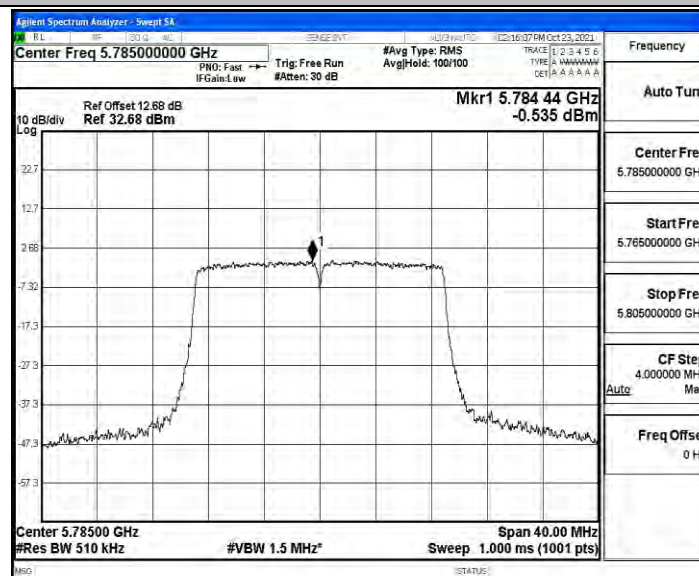
11A_Ant1_5825



11N20SISO_Ant1_5745

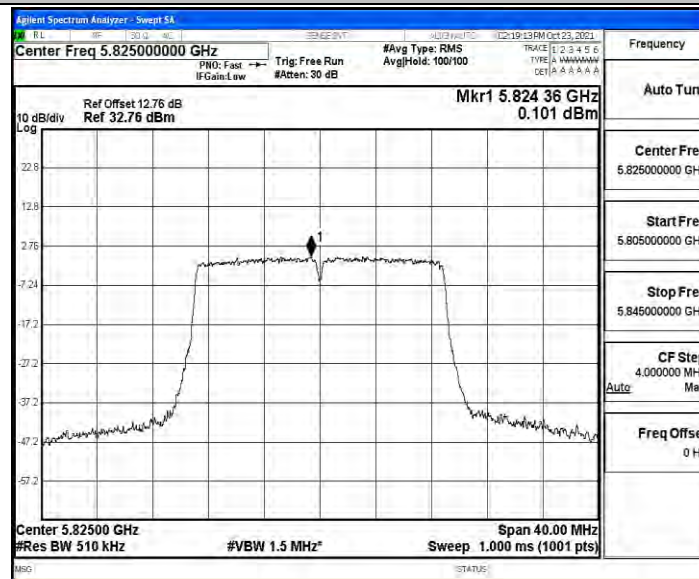


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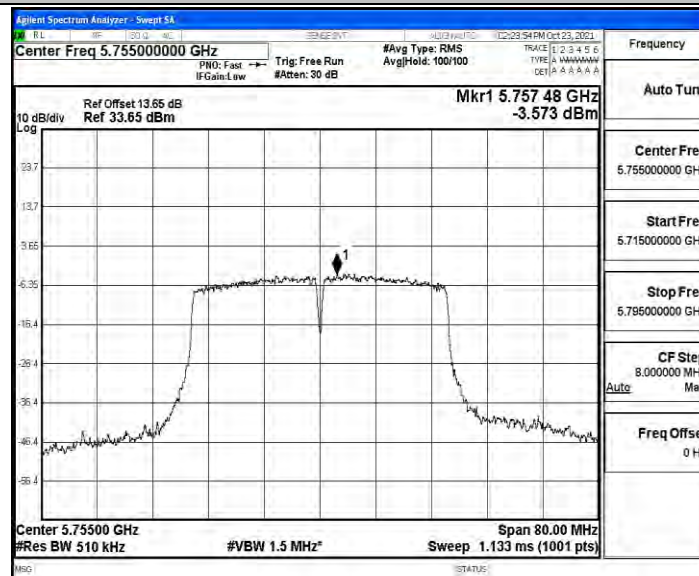




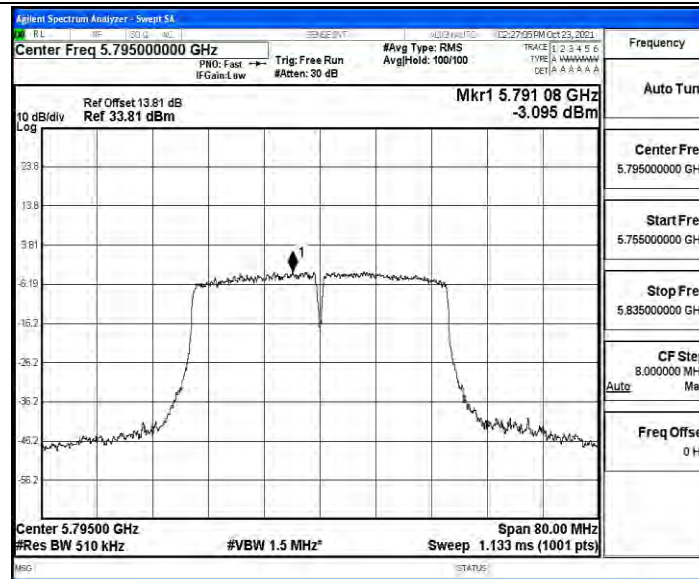
11N20SISO_Ant1_5825



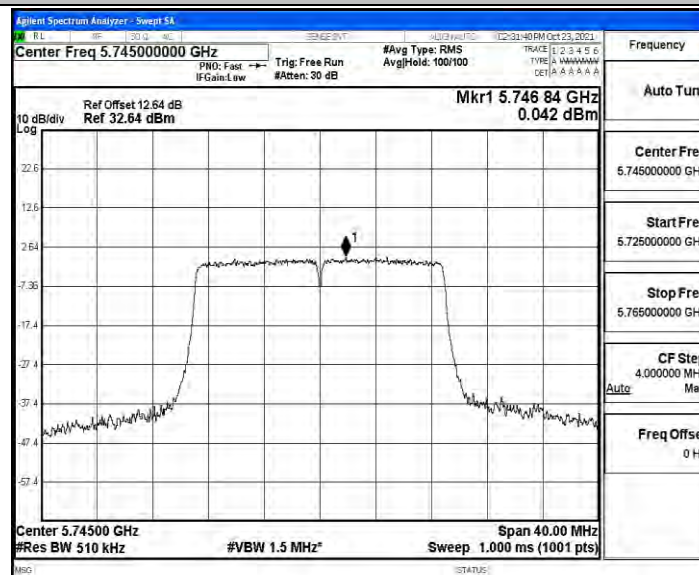
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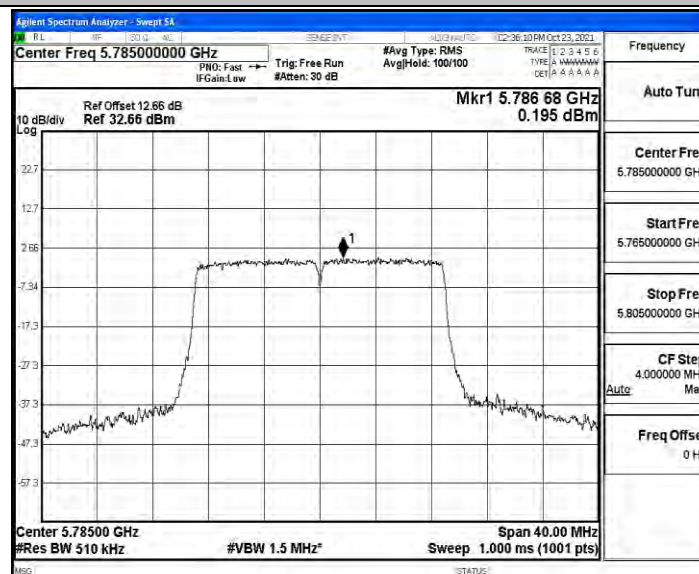
11N40SISO_Ant1_5795



11AC20SISO_Ant1_5745

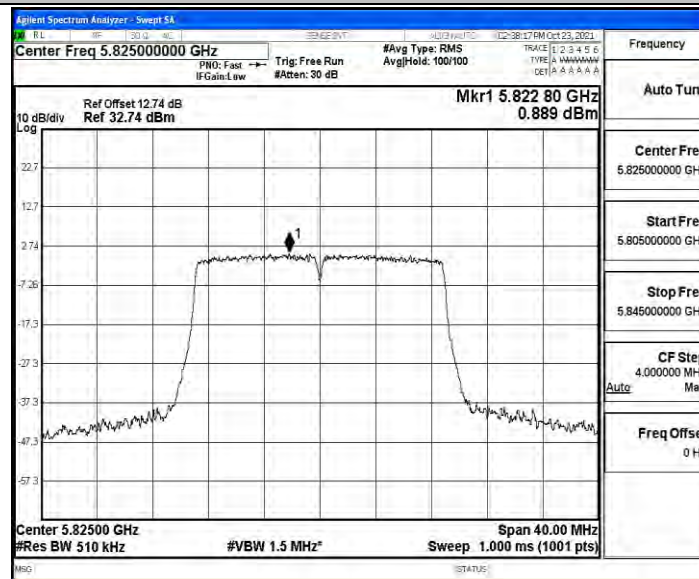


11AC20SISO_Ant1_5785

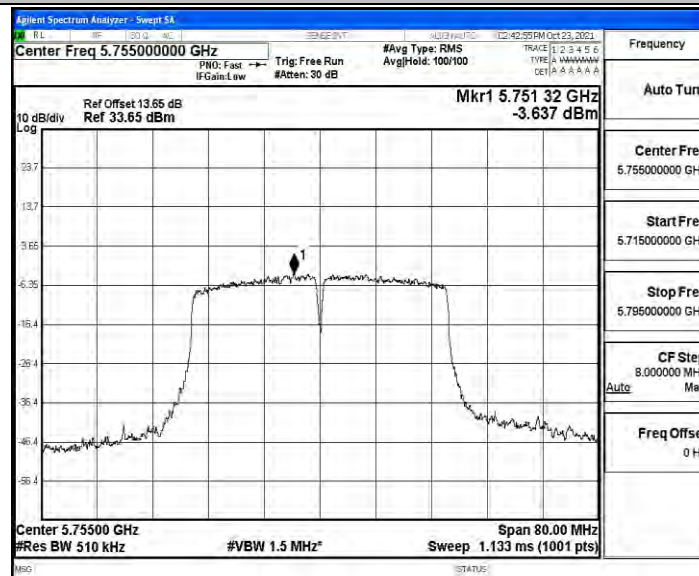




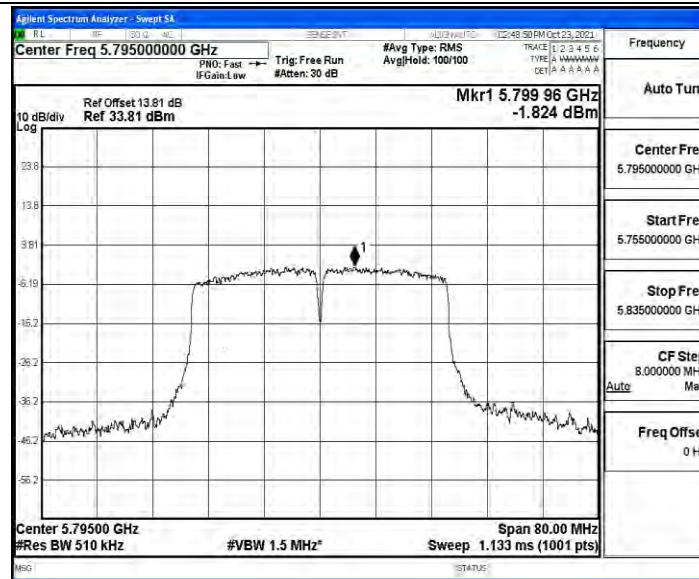
11AC20SISO_Ant1_5825



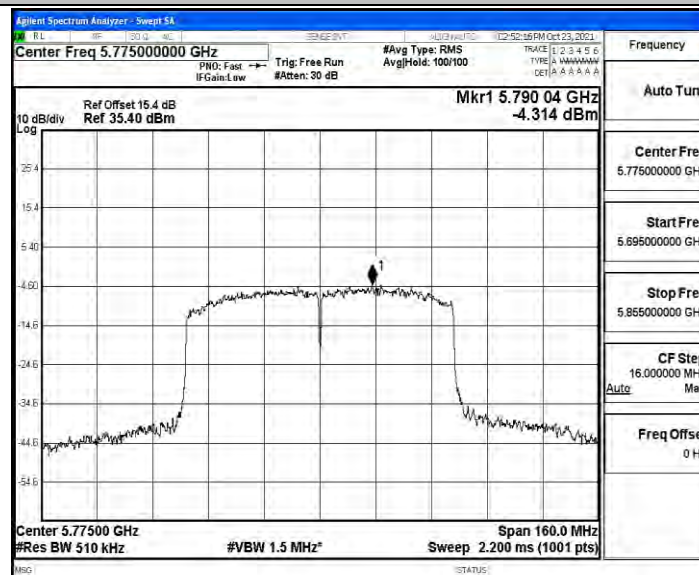
11AC40SISO_Ant1_5755



11AC40SISO_Ant1_5795



11AC80SISO_Ant1_5775





C.4 Emissions in Restricted Bands

Test Result

ANT0

TestMode	Antenna	ChName	Channel	Detector	Freq. [MHz]	Result [dBm]	Limit [dBm]	Result [dBuV/m]	Limit [dBuV/m]	Verdict
11A	Ant0	Low	5745	Peak	5650.000	-39.219	≤-27.00	---	---	PASS
				Peak	5700.000	-39.69	≤10.00	---	---	PASS
				Peak	5720.000	-31.44	≤15.60	---	---	PASS
				Peak	5725.000	-25.32	≤27.00	---	---	PASS
		High	5825	Peak	5850.000	-38.174	≤15.60	---	---	PASS
				Peak	5855.000	-40.7	≤27.00	---	---	PASS
				Peak	5875.000	-40.04	≤15.60	---	---	PASS
				Peak	5925.000	-40.47	≤10.00	---	---	PASS
11N20SISO	Ant0	Low	5745	Peak	5650.000	-38.478	≤-27.00	---	---	PASS
				Peak	5700.000	-41.13	≤10.00	---	---	PASS
				Peak	5720.000	-31.46	≤15.60	---	---	PASS
				Peak	5725.000	-25.77	≤27.00	---	---	PASS
		High	5825	Peak	5850.000	-37.13	≤15.60	---	---	PASS
				Peak	5855.000	-36.91	≤27.00	---	---	PASS
				Peak	5875.000	-39.55	≤15.60	---	---	PASS
				Peak	5925.000	-40.08	≤10.00	---	---	PASS
11N40SISO	Ant0	Low	5755	Peak	5650.000	-42.56	≤-27.00	---	---	PASS
				Peak	5700.000	-36.18	≤10.00	---	---	PASS
				Peak	5720.000	-32.76	≤15.60	---	---	PASS
				Peak	5725.000	-32.22	≤27.00	---	---	PASS
		High	5795	Peak	5850.000	-40.33	≤15.60	---	---	PASS
				Peak	5855.000	-40.26	≤27.00	---	---	PASS
				Peak	5875.000	-41.05	≤15.60	---	---	PASS
				Peak	5925.000	-41.7	≤10.00	---	---	PASS
11AC20SISO	Ant0	Low	5745	Peak	5650.000	-39.958	≤-27.00	---	---	PASS
				Peak	5700.000	-41.23	≤10.00	---	---	PASS
				Peak	5720.000	-32.12	≤15.60	---	---	PASS
				Peak	5725.000	-26.85	≤27.00	---	---	PASS
		High	5825	Peak	5850.000	-37.249	≤15.60	---	---	PASS
				Peak	5855.000	-37.33	≤27.00	---	---	PASS
				Peak	5875.000	-39.75	≤15.60	---	---	PASS
				Peak	5925.000	-41.19	≤10.00	---	---	PASS
11AC40SISO	Ant0	Low	5755	Peak	5650.000	-41.194	≤-27.00	---	---	PASS
				Peak	5700.000	-39.17	≤10.00	---	---	PASS
				Peak	5720.000	-32.58	≤15.60	---	---	PASS
				Peak	5725.000	-30.8	≤27.00	---	---	PASS



11AC80SI SO	Ant0	High	5795	Peak	5850.000	-38.274	≤ 15.60	---	---	PASS
				Peak	5855.000	-38.97	≤ 27.00	---	---	PASS
				Peak	5875.000	-37.87	≤ 15.60	---	---	PASS
				Peak	5925.000	-39.1	≤ 10.00	- --	- --	PASS
		Low	5775	Peak	5650.000	-40.852	≤ -27.00	---	---	PASS
				Peak	5700.000	-33.94	≤ 10.00	---	---	PASS
				Peak	5720.000	-23.6	≤ 15.60	---	---	PASS
				Peak	5725.000	-30.78	≤ 27.00	- --	- --	PASS
		High	5775	Peak	5850.000	-28.102	≤ 15.60	---	---	PASS
				Peak	5855.000	-26.6	≤ 27.00	---	---	PASS
				Peak	5875.000	-35.92	≤ 15.60	---	---	PASS
				Peak	5925.000	-40.91	≤ 10.00	- --	- --	PASS



ANT1

TestMode	Antenna	ChName	Channel	Detector	Freq. [MHz]	Result [dBm]	Limit [dBm]	Result [dBuV/m]	Limit [dBuV/m]	Verdict
11A	Ant1	Low	5745	Peak	5650.000	-41.265	≤-27.00	---	---	PASS
				Peak	5700.000	-42.06	≤10.00	---	---	PASS
				Peak	5720.000	-33.05	≤15.60	---	---	PASS
				Peak	5725.000	-23.73	≤27.00	---	---	PASS
		High	5825	Peak	5850.000	-38.518	≤15.60	---	---	PASS
				Peak	5855.000	-38.38	≤27.00	---	---	PASS
				Peak	5875.000	-38.11	≤15.60	---	---	PASS
				Peak	5925.000	-39.89	≤10.00	---	---	PASS
11N20SISO	Ant1	Low	5745	Peak	5650.000	-41.064	≤-27.00	---	---	PASS
				Peak	5700.000	-40.81	≤10.00	---	---	PASS
				Peak	5720.000	-30.45	≤15.60	---	---	PASS
				Peak	5725.000	-25.31	≤27.00	---	---	PASS
		High	5825	Peak	5850.000	-35.336	≤15.60	---	---	PASS
				Peak	5855.000	-35.81	≤27.00	---	---	PASS
				Peak	5875.000	-39.18	≤15.60	---	---	PASS
				Peak	5925.000	-39.46	≤10.00	---	---	PASS
11N40SISO	Ant1	Low	5755	Peak	5650.000	-41.279	≤-27.00	---	---	PASS
				Peak	5700.000	-39.83	≤10.00	---	---	PASS
				Peak	5720.000	-31.16	≤15.60	---	---	PASS
				Peak	5725.000	-30.1	≤27.00	---	---	PASS
		High	5795	Peak	5850.000	-40.092	≤15.60	---	---	PASS
				Peak	5855.000	-39.95	≤27.00	---	---	PASS
				Peak	5875.000	-38.4	≤15.60	---	---	PASS
				Peak	5925.000	-38.4	≤10.00	---	---	PASS
11AC20SISO	Ant1	Low	5745	Peak	5650.000	-39.907	≤-27.00	---	---	PASS
				Peak	5700.000	-40.18	≤10.00	---	---	PASS
				Peak	5720.000	-29.72	≤15.60	---	---	PASS
				Peak	5725.000	-28.38	≤27.00	---	---	PASS
		High	5825	Peak	5850.000	-30.284	≤15.60	---	---	PASS
				Peak	5855.000	-38.66	≤27.00	---	---	PASS
				Peak	5875.000	-39.15	≤15.60	---	---	PASS
				Peak	5925.000	-40.92	≤10.00	---	---	PASS
11AC40SISO	Ant1	Low	5755	Peak	5650.000	-41.428	≤-27.00	---	---	PASS
				Peak	5700.000	-38.24	≤10.00	---	---	PASS
				Peak	5720.000	-33.37	≤15.60	---	---	PASS
				Peak	5725.000	-31.88	≤27.00	---	---	PASS
		High	5795	Peak	5850.000	-37.984	≤15.60	---	---	PASS
				Peak	5855.000	-38.37	≤27.00	---	---	PASS



11AC80SI SO	Ant1	Low	5775	Peak	5875.000	-40.01	≤15.60	---	---	PASS
				Peak	5925.000	-40.47	≤10.00	- --	- --	PASS
				Peak	5650.000	-39.241	≤-27.00	---	---	PASS
				Peak	5700.000	-29.02	≤10.00	---	---	PASS
				Peak	5720.000	-27.9	≤15.60	---	---	PASS
				Peak	5725.000	-28.28	≤27.00	- --	- --	PASS
		High	5775	Peak	5850.000	-26.181	≤15.60	---	---	PASS
				Peak	5855.000	-29.04	≤27.00	---	---	PASS
				Peak	5875.000	-33.78	≤15.60	---	---	PASS
				Peak	5925.000	-39.91	≤10.00	- --	- --	PASS

Note:

1. The Antenna Gain is compensated in the graph.

ANT0+ANT1

TestMode	ChName	Channel	Detector	Freq. [MHz]	ANT0 [dBm]	ANT1 [dBm]	ANT0+ ANT1 [dBm]	Limit [dBm]	Verdict
11N20MI MO	Low	5745	Peak	5650.000	-41.064	-38.478	-36.57	≤-27.00	PASS
			Peak	5700.000	-40.81	-41.13	-37.96	≤10.00	PASS
			Peak	5720.000	-30.45	-31.46	-27.92	≤15.60	PASS
			Peak	5725.000	-25.31	-25.77	-22.52	≤27.00	PASS
	High	5825	Peak	5850.000	-35.336	-37.13	-33.13	≤15.60	PASS
			Peak	5855.000	-35.81	-36.91	-33.31	≤27.00	PASS
			Peak	5875.000	-39.18	-39.55	-36.35	≤15.60	PASS
			Peak	5925.000	-39.46	-40.08	-36.75	≤10.00	PASS
11N40MI MO	Low	5755	Peak	5650.000	-41.279	-42.56	-38.86	≤-27.00	PASS
			Peak	5700.000	-39.83	-36.18	-34.62	≤10.00	PASS
			Peak	5720.000	-31.16	-32.76	-28.88	≤15.60	PASS
			Peak	5725.000	-30.1	-32.22	-28.02	≤27.00	PASS
	High	5795	Peak	5850.000	-40.092	-40.33	-37.20	≤15.60	PASS
			Peak	5855.000	-39.95	-40.26	-37.09	≤27.00	PASS
			Peak	5875.000	-38.4	-41.05	-36.52	≤15.60	PASS
			Peak	5925.000	-38.4	-41.7	-36.73	≤10.00	PASS
11AC20M IMO	Low	5745	Peak	5650.000	-39.907	-39.958	-36.92	≤-27.00	PASS
			Peak	5700.000	-40.18	-41.23	-37.66	≤10.00	PASS
			Peak	5720.000	-29.72	-32.12	-27.75	≤15.60	PASS
			Peak	5725.000	-28.38	-26.85	-24.54	≤27.00	PASS
	High	5825	Peak	5850.000	-30.284	-37.249	-29.49	≤15.60	PASS
			Peak	5855.000	-38.66	-37.33	-34.93	≤27.00	PASS
			Peak	5875.000	-39.15	-39.75	-36.43	≤15.60	PASS

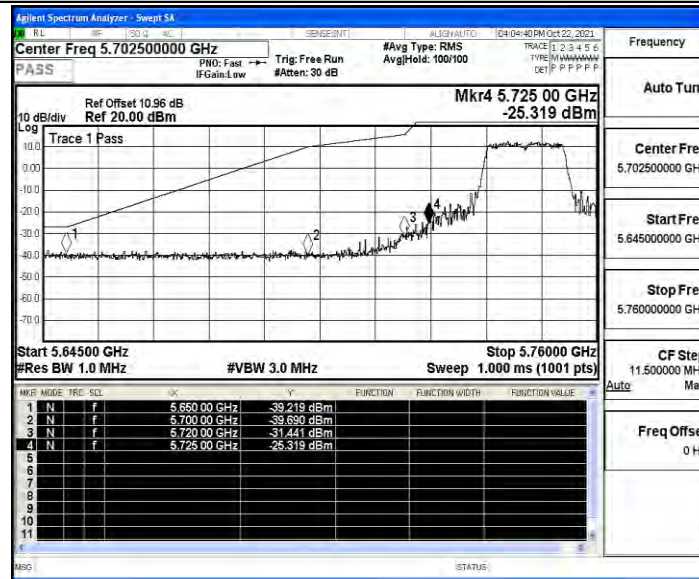


			Peak	5925.000	-40.92	-41.19	-38.04	≤10.00	PASS
11AC40M IMO	Low	5755	Peak	5650.000	-41.428	-41.194	-38.30	≤-27.00	PASS
			Peak	5700.000	-38.24	-39.17	-35.67	≤10.00	PASS
			Peak	5720.000	-33.37	-32.58	-29.95	≤15.60	PASS
			Peak	5725.000	-31.88	-30.8	-28.30	≤27.00	PASS
	High	5795	Peak	5850.000	-37.984	-38.274	-35.12	≤15.60	PASS
			Peak	5855.000	-38.37	-38.97	-35.65	≤27.00	PASS
			Peak	5875.000	-40.01	-37.87	-35.80	≤15.60	PASS
			Peak	5925.000	-40.47	-39.1	-36.72	≤10.00	PASS
11AC80M IMO	Low	5775	Peak	5650.000	-39.241	-40.852	-36.96	≤-27.00	PASS
			Peak	5700.000	-29.02	-33.94	-27.81	≤10.00	PASS
			Peak	5720.000	-27.9	-23.6	-22.23	≤15.60	PASS
			Peak	5725.000	-28.28	-30.78	-26.34	≤27.00	PASS
	High	5775	Peak	5850.000	-26.181	-28.102	-24.03	≤15.60	PASS
			Peak	5855.000	-29.04	-26.6	-24.64	≤27.00	PASS
			Peak	5875.000	-33.78	-35.92	-31.71	≤15.60	PASS
			Peak	5925.000	-39.91	-40.91	-37.37	≤10.00	PASS

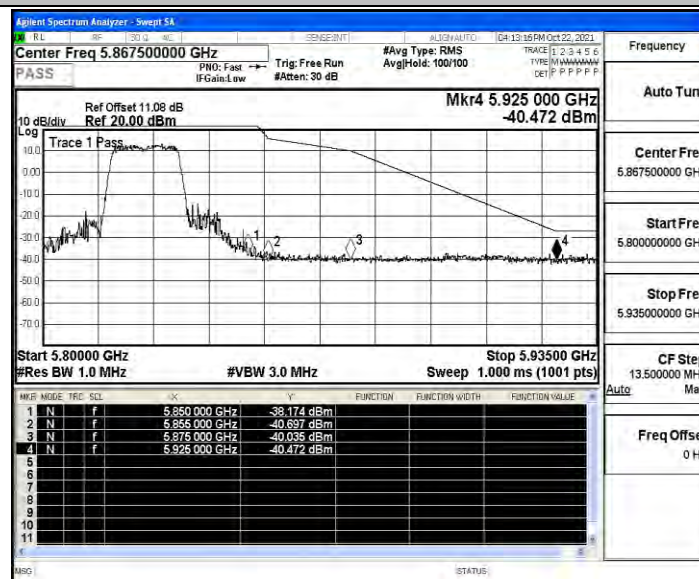


Test Graphs

11A_Ant0_Low_5745_Peak



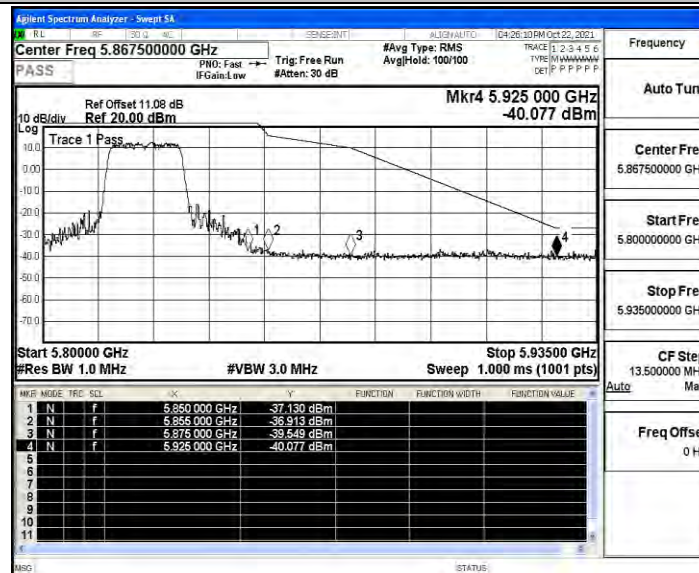
11A_Ant0_High_5825_Peak



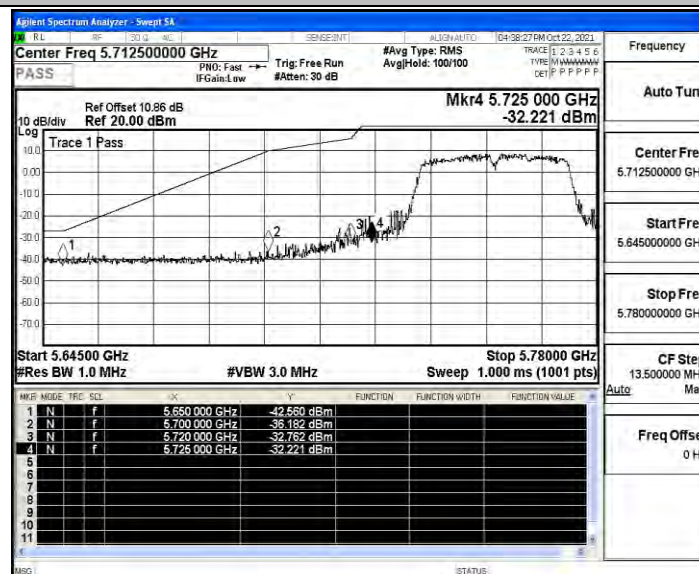
11N20SISO_Ant0_Low_5745_Peak



11N20SISO_Ant0_High_5825_Peak

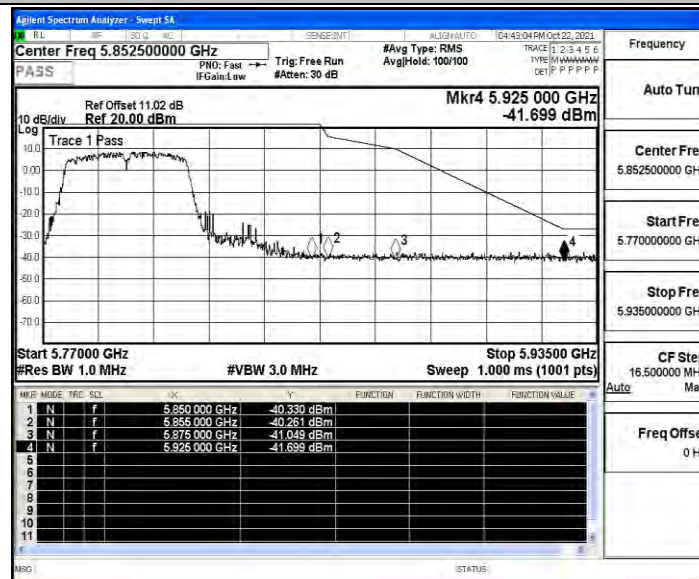


11N40SISO_Ant0_Low_5755_Peak





11N40SISO_Ant0_High_5795_Peak



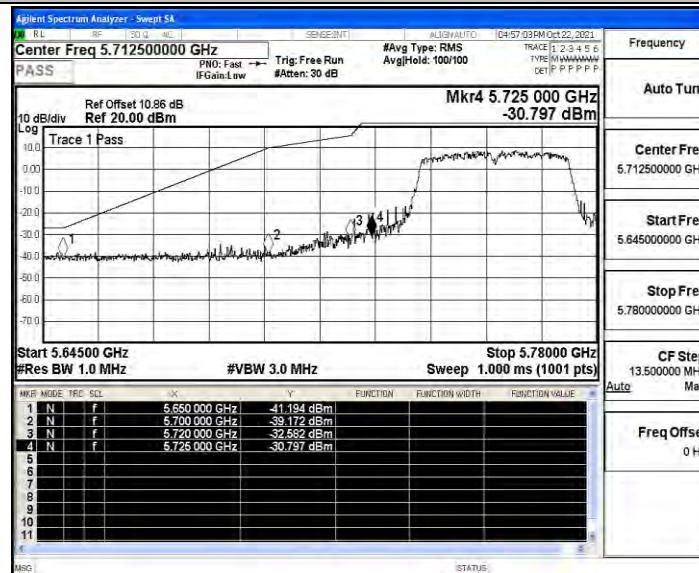
11AC20SISO_Ant0_Low_5745_Peak



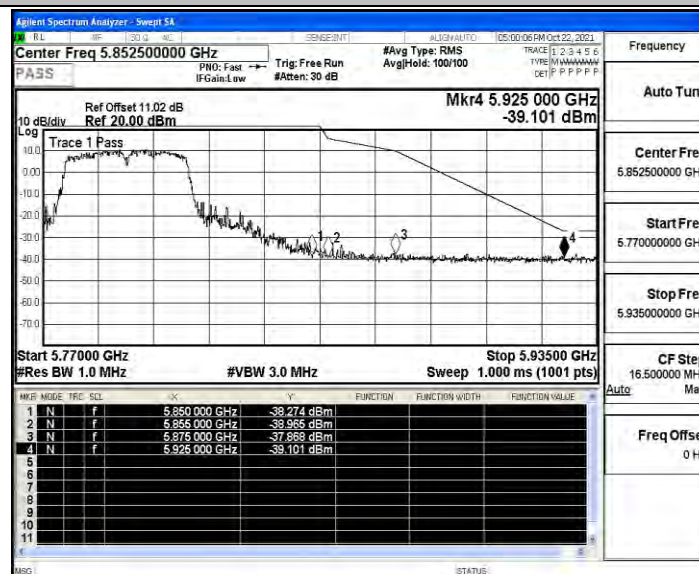
11AC20SISO_Ant0_High_5825_Peak



11AC40SISO_Ant0_Low_5755_Peak

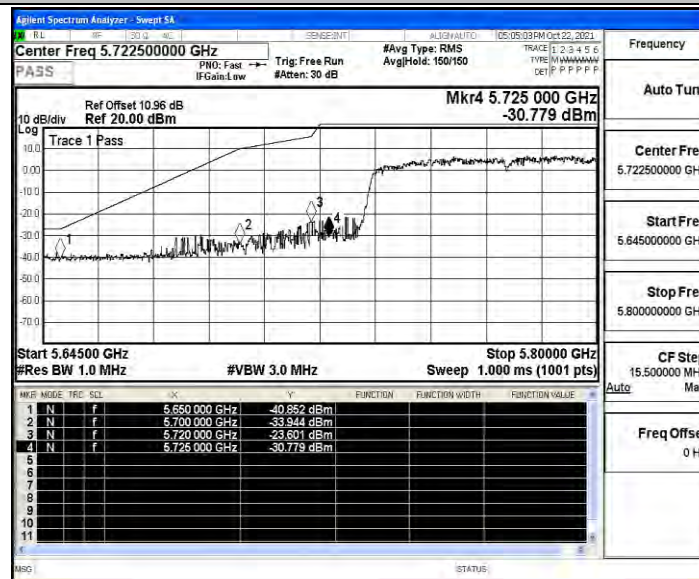


11AC40SISO_Ant0_High_5795_Peak

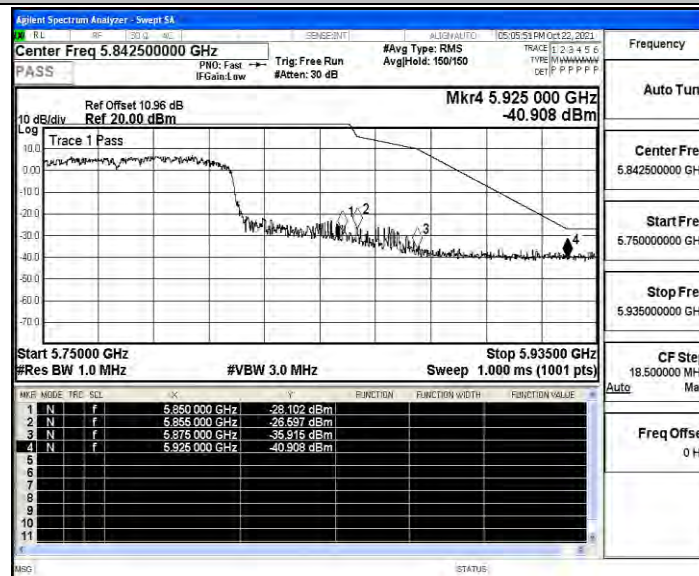




11AC80SISO_Ant0_Low_5775_Peak



11AC80SISO_Ant0_High_5775_Peak



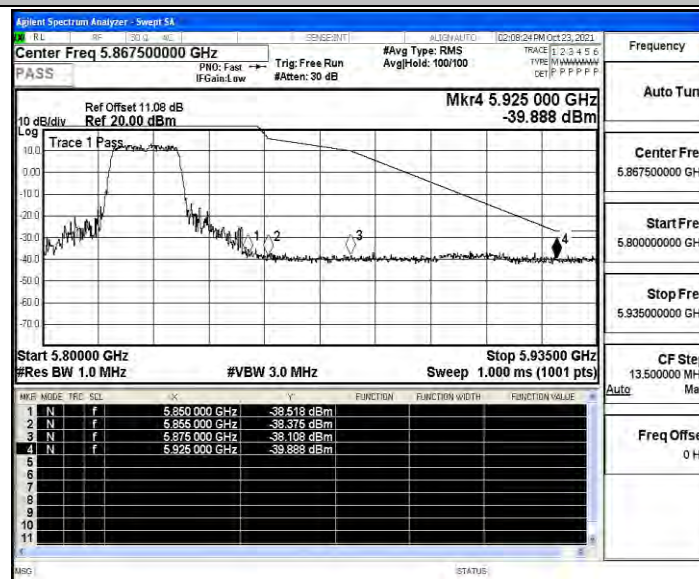


Test Graphs

11A_Ant1_Low_5745_Peak



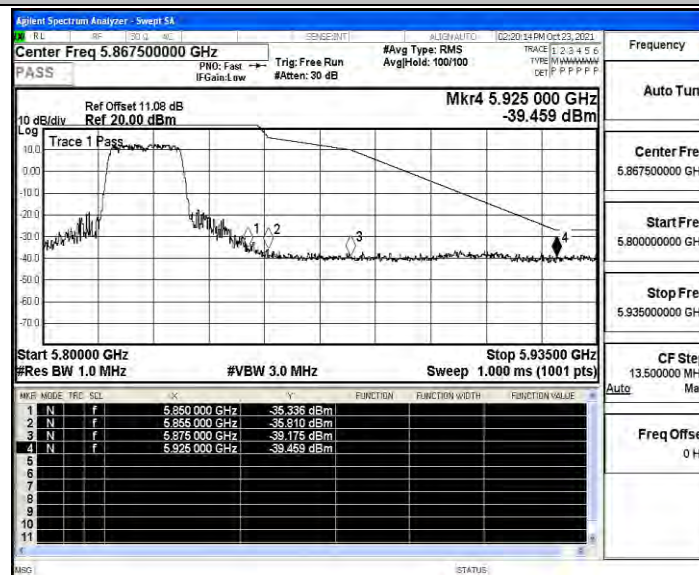
11A_Ant1_High_5825_Peak



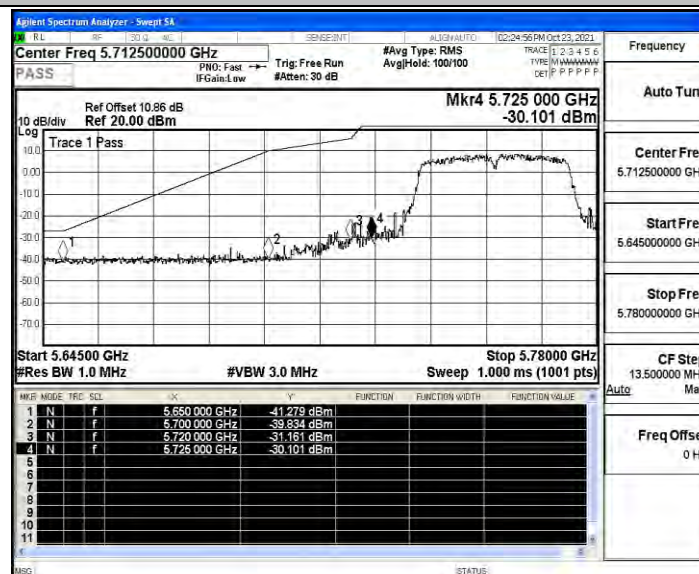
11N20SISO_Ant1_Low_5745_Peak



11N20SISO_Ant1_High_5825_Peak

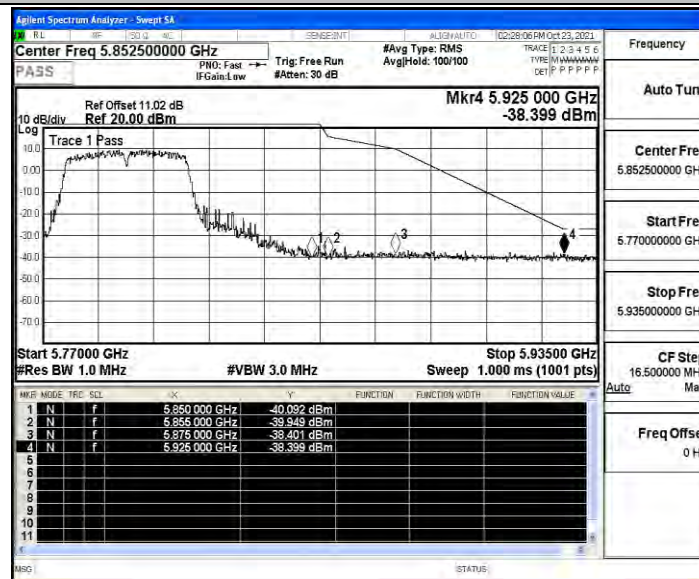


11N40SISO_Ant1_Low_5755_Peak

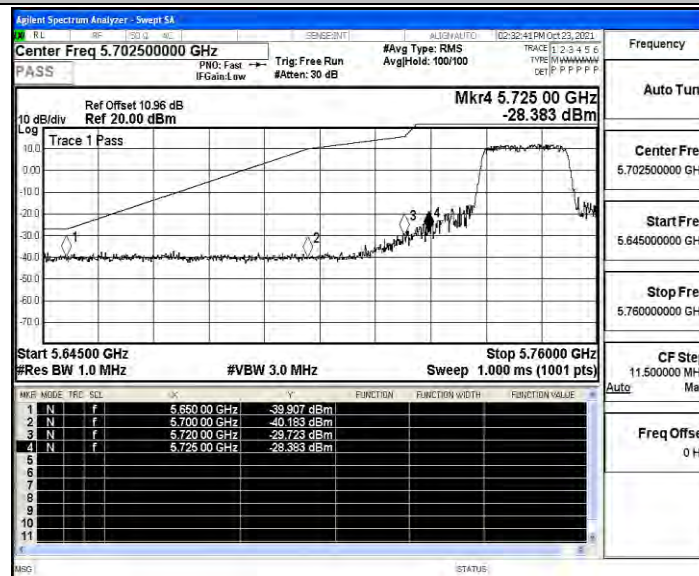




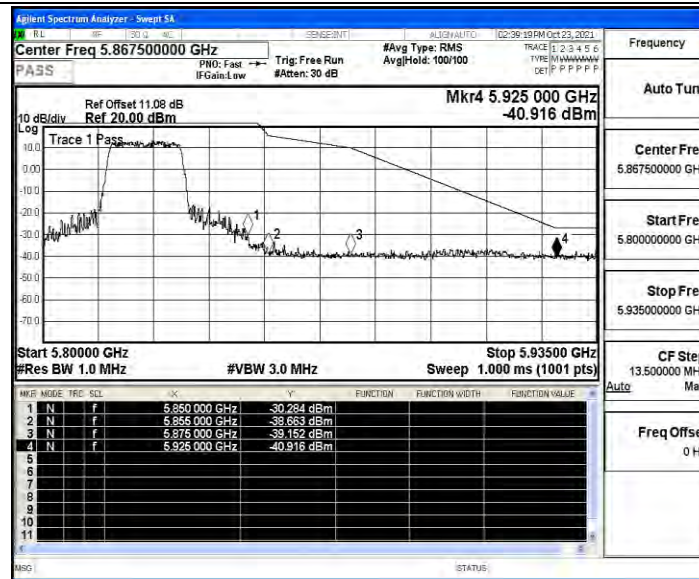
11N40SISO_Ant1_High_5795_Peak



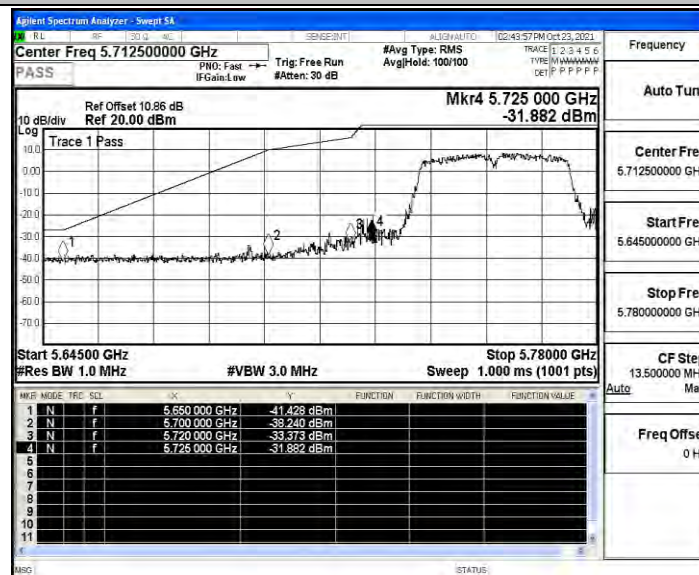
11AC20SISO_Ant1_Low_5745_Peak



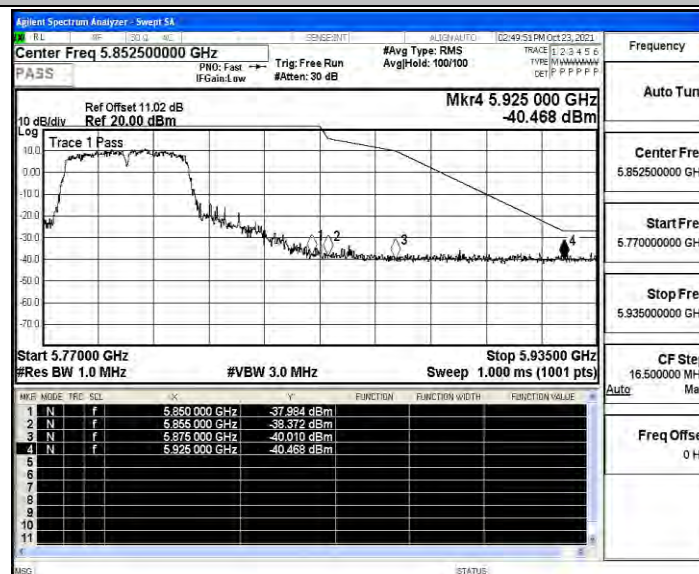
11AC20SISO_Ant1_High_5825_Peak



11AC40SISO_Ant1_Low_5755_Peak

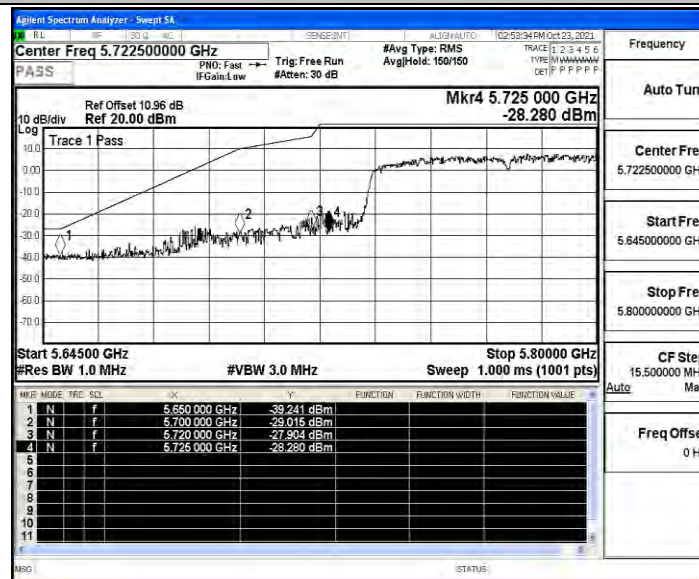


11AC40SISO_Ant1_High_5795_Peak

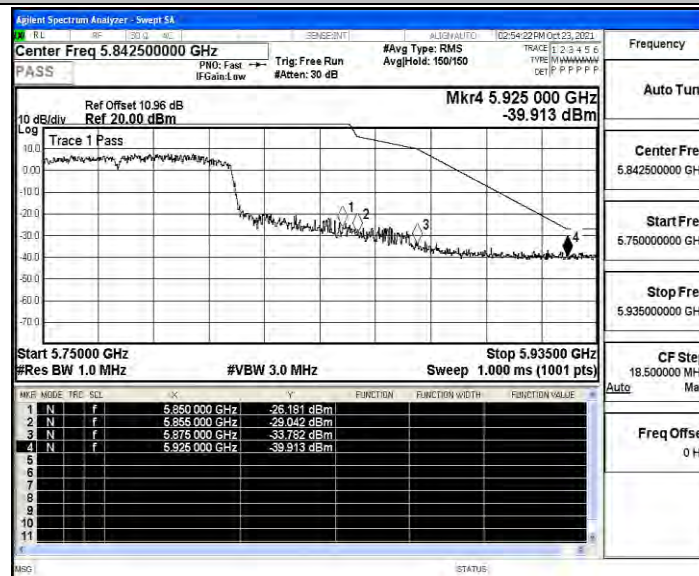




11AC80SISO_Ant1_Low_5775_Peak



11AC80SISO_Ant1_High_5775_Peak





C.5 Frequency Stability

Test Result

ANT0

Voltage								
TestMode	Antenna	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
11AC20SI SO	Ant0	5745	NV	NT	-13000	-2.262837	20	PASS
			LV	NT	-16000	-2.78503	20	PASS
			HV	NT	-17000	-2.959095	20	PASS
		5785	NV	NT	-17000	-2.938634	20	PASS
			LV	NT	-19000	-3.284356	20	PASS
			HV	NT	-19000	-3.284356	20	PASS
		5825	NV	NT	-18000	-3.090129	20	PASS
			LV	NT	-19000	-3.261803	20	PASS
			HV	NT	-20000	-3.433476	20	PASS
11AC40SI SO	Ant0	5755	NV	NT	-16000	-2.780191	20	PASS
			LV	NT	-19000	-3.301477	20	PASS
			HV	NT	-19000	-3.301477	20	PASS
		5795	NV	NT	-17000	-2.933563	20	PASS
			LV	NT	-19000	-3.278689	20	PASS
			HV	NT	-19000	-3.278689	20	PASS
11AC80SI SO	Ant0	5775	NV	NT	-16000	-2.770563	20	PASS
			LV	NT	-19000	-3.290043	20	PASS
			HV	NT	-19000	-3.290043	20	PASS

Temperature								
TestMode	Antenna	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
11AC20SI SO	Ant0	5745	NV	-30	-18000	-3.133159	20	PASS
			NV	-20	-18000	-3.133159	20	PASS
			NV	-10	-19000	-3.307224	20	PASS
			NV	0	-19000	-3.307224	20	PASS
			NV	10	-19000	-3.307224	20	PASS
			NV	20	-19000	-3.307224	20	PASS
			NV	30	-19000	-3.307224	20	PASS
			NV	40	-19000	-3.307224	20	PASS
			NV	50	-19000	-3.307224	20	PASS
		5785	NV	-30	-19000	-3.284356	20	PASS
			NV	-20	-19000	-3.284356	20	PASS
			NV	-10	-19000	-3.284356	20	PASS
			NV	0	-19000	-3.284356	20	PASS
			NV	0	-19000	-3.284356	20	PASS



			NV	10	-19000	-3.284356	20	PASS
			NV	20	-19000	-3.284356	20	PASS
			NV	30	-19000	-3.284356	20	PASS
			NV	40	-19000	-3.284356	20	PASS
			NV	50	-19000	-3.284356	20	PASS
		5825	NV	-30	-20000	-3.433476	20	PASS
			NV	-20	-20000	-3.433476	20	PASS
			NV	-10	-20000	-3.433476	20	PASS
			NV	0	-20000	-3.433476	20	PASS
			NV	10	-20000	-3.433476	20	PASS
			NV	20	-20000	-3.433476	20	PASS
			NV	30	-20000	-3.433476	20	PASS
			NV	40	-20000	-3.433476	20	PASS
			NV	50	-20000	-3.433476	20	PASS
11AC40SI SO	Ant0	5755	NV	-30	-19000	-3.301477	20	PASS
			NV	-20	-19000	-3.301477	20	PASS
			NV	-10	-20000	-3.475239	20	PASS
			NV	0	-20000	-3.475239	20	PASS
			NV	10	-19000	-3.301477	20	PASS
			NV	20	-19000	-3.301477	20	PASS
			NV	30	-20000	-3.475239	20	PASS
			NV	40	-19000	-3.301477	20	PASS
			NV	50	-19000	-3.301477	20	PASS
		5795	NV	-30	-19000	-3.278689	20	PASS
			NV	-20	-19000	-3.278689	20	PASS
			NV	-10	-19000	-3.278689	20	PASS
			NV	0	-19000	-3.278689	20	PASS
			NV	10	-19000	-3.278689	20	PASS
			NV	20	-19000	-3.278689	20	PASS
			NV	30	-19000	-3.278689	20	PASS
			NV	40	-19000	-3.278689	20	PASS
			NV	50	-19000	-3.278689	20	PASS
11AC80SI SO	Ant0	5775	NV	-30	-19000	-3.290043	20	PASS
			NV	-20	-19000	-3.290043	20	PASS
			NV	-10	-19000	-3.290043	20	PASS
			NV	0	-20000	-3.463203	20	PASS
			NV	10	-19000	-3.290043	20	PASS
			NV	20	-19000	-3.290043	20	PASS
			NV	30	-19000	-3.290043	20	PASS
			NV	40	-20000	-3.463203	20	PASS
			NV	50	-20000	-3.463203	20	PASS



ANT1

Voltage								
TestMode	Antenna	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
11A	Ant1	5745	NV	NT	-14000	-2.436902	20	PASS
			LV	NT	-19000	-3.307224	20	PASS
			HV	NT	-19000	-3.307224	20	PASS
11AC20SI SO	Ant1	5785	NV	NT	-20000	-3.457217	20	PASS
			LV	NT	-20000	-3.457217	20	PASS
			HV	NT	-20000	-3.457217	20	PASS
		5825	NV	NT	-19000	-3.261803	20	PASS
			LV	NT	-20000	-3.433476	20	PASS
			HV	NT	-20000	-3.433476	20	PASS
11AC40SI SO	Ant1	5755	NV	NT	-18000	-3.127715	20	PASS
			LV	NT	-20000	-3.475239	20	PASS
			HV	NT	-20000	-3.475239	20	PASS
		5795	NV	NT	-19000	-3.278689	20	PASS
			LV	NT	-20000	-3.451251	20	PASS
			HV	NT	-20000	-3.451251	20	PASS
11AC80SI SO	Ant1	5775	NV	NT	-18000	-3.116883	20	PASS
			LV	NT	-20000	-3.463203	20	PASS
			HV	NT	-20000	-3.463203	20	PASS

Temperature								
TestMode	Antenna	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
11A	Ant1	5745	NV	-30	-20000	-3.481288	20	PASS
			NV	-20	-20000	-3.481288	20	PASS
			NV	-10	-20000	-3.481288	20	PASS
			NV	0	-20000	-3.481288	20	PASS
			NV	10	-20000	-3.481288	20	PASS
			NV	20	-20000	-3.481288	20	PASS
			NV	30	-20000	-3.481288	20	PASS
			NV	40	-20000	-3.481288	20	PASS
11AC20SI SO	Ant1	5785	NV	-30	-20000	-3.457217	20	PASS
			NV	-20	-20000	-3.457217	20	PASS
			NV	-10	-20000	-3.457217	20	PASS
			NV	0	-20000	-3.457217	20	PASS
			NV	10	-20000	-3.457217	20	PASS
			NV	20	-20000	-3.457217	20	PASS
			NV	30	-20000	-3.457217	20	PASS
			NV	40	-20000	-3.457217	20	PASS



		5825	NV	50	-20000	-3.457217	20	PASS
			NV	-30	-20000	-3.433476	20	PASS
			NV	-20	-20000	-3.433476	20	PASS
			NV	-10	-20000	-3.433476	20	PASS
			NV	0	-20000	-3.433476	20	PASS
			NV	10	-20000	-3.433476	20	PASS
			NV	20	-20000	-3.433476	20	PASS
			NV	30	-20000	-3.433476	20	PASS
			NV	40	-20000	-3.433476	20	PASS
			NV	50	-20000	-3.433476	20	PASS
11AC40SI SO	Ant1	5755	NV	-30	-20000	-3.475239	20	PASS
			NV	-20	-20000	-3.475239	20	PASS
			NV	-10	-20000	-3.475239	20	PASS
			NV	0	-20000	-3.475239	20	PASS
			NV	10	-20000	-3.475239	20	PASS
			NV	20	-20000	-3.475239	20	PASS
			NV	30	-20000	-3.475239	20	PASS
			NV	40	-19000	-3.301477	20	PASS
			NV	50	-19000	-3.301477	20	PASS
		5795	NV	-30	-20000	-3.451251	20	PASS
			NV	-20	-20000	-3.451251	20	PASS
			NV	-10	-20000	-3.451251	20	PASS
			NV	0	-20000	-3.451251	20	PASS
			NV	10	-20000	-3.451251	20	PASS
			NV	20	-20000	-3.451251	20	PASS
			NV	30	-20000	-3.451251	20	PASS
			NV	40	-20000	-3.451251	20	PASS
			NV	50	-20000	-3.451251	20	PASS
11AC80SI SO	Ant1	5775	NV	-30	-20000	-3.463203	20	PASS
			NV	-20	-20000	-3.463203	20	PASS
			NV	-10	-19000	-3.290043	20	PASS
			NV	0	-20000	-3.463203	20	PASS
			NV	10	-19000	-3.290043	20	PASS
			NV	20	-20000	-3.463203	20	PASS
			NV	30	-20000	-3.463203	20	PASS
			NV	40	-20000	-3.463203	20	PASS
			NV	50	-19000	-3.290043	20	PASS



C.6 Duty Cycle

Test Result

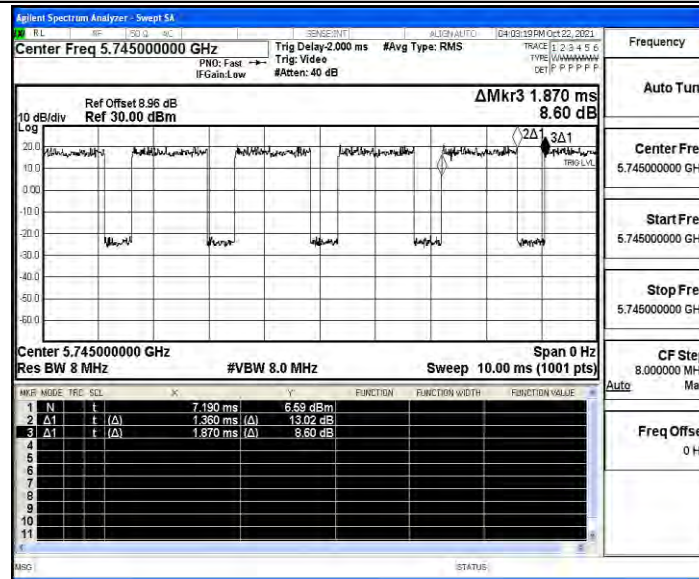
ANT0

TestMode	Antenna	Channel	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	Limit	Verdict
11A	Ant0	5745	1.36	1.87	72.73	---	PASS
		5785	1.36	1.87	72.73	---	PASS
		5825	1.36	1.87	72.73	---	PASS
11N20SISO	Ant0	5745	1.27	1.77	71.75	---	PASS
		5785	1.27	1.78	71.35	---	PASS
		5825	1.27	1.78	71.35	---	PASS
11N40SISO	Ant0	5755	0.63	1.14	55.26	---	PASS
		5795	0.63	1.14	55.26	---	PASS
11AC20SISO	Ant0	5745	1.27	1.78	71.35	---	PASS
		5785	1.27	1.78	71.35	---	PASS
		5825	1.27	1.77	71.75	---	PASS
11AC40SISO	Ant0	5755	0.63	1.14	55.26	---	PASS
		5795	0.63	1.14	55.26	---	PASS
11AC80SISO	Ant0	5775	0.31	0.82	37.80	---	PASS

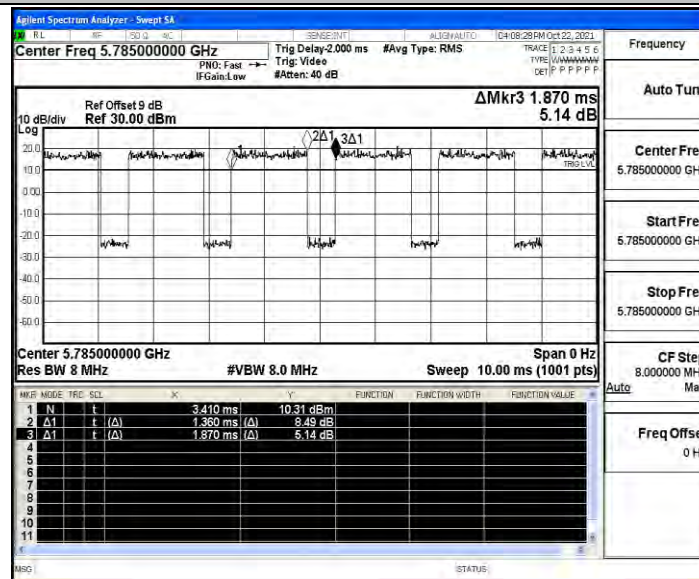


Test Graphs

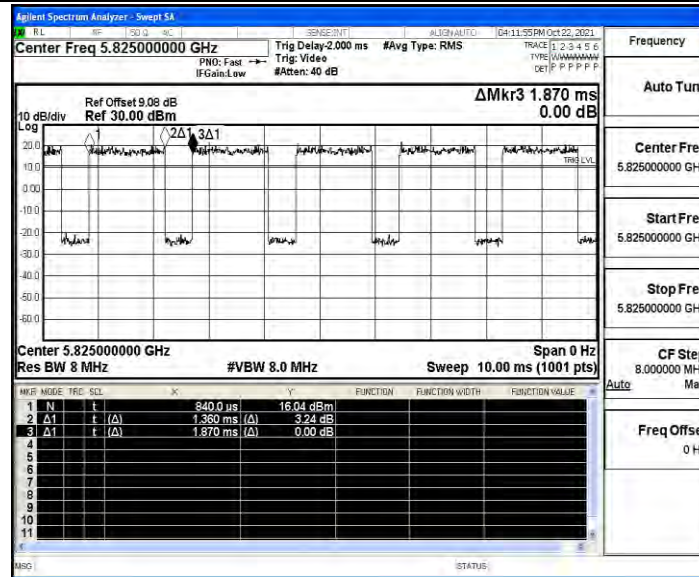
11A_Ant0_5745



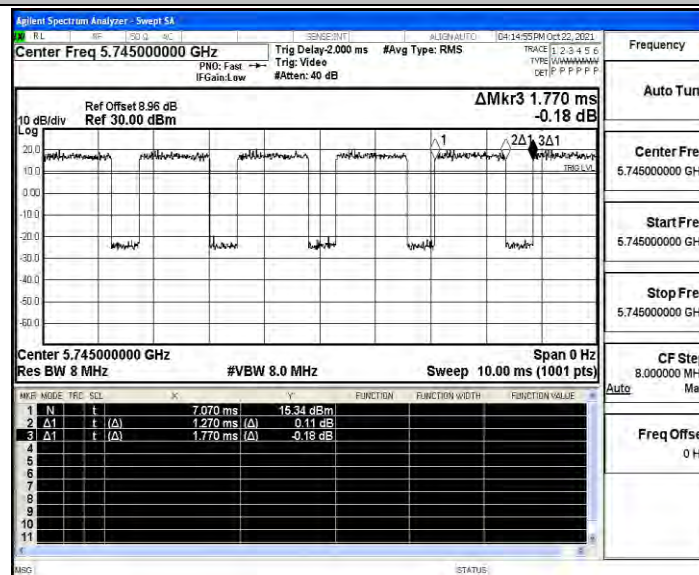
11A_Ant0_5785



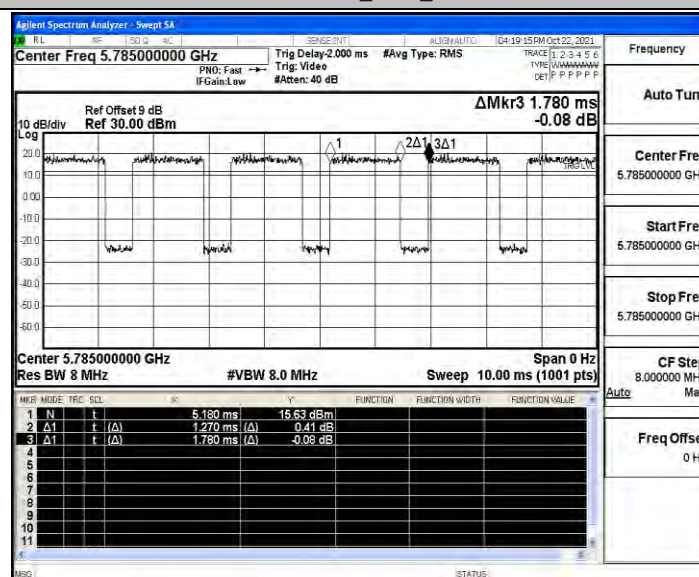
11A_Ant0_5825



11N20SISO_Ant0_5745

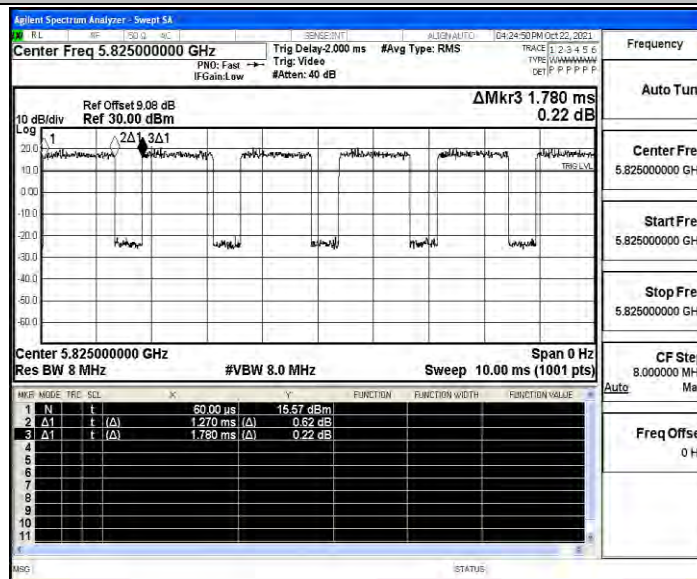


11N20SISO_Ant0_5785

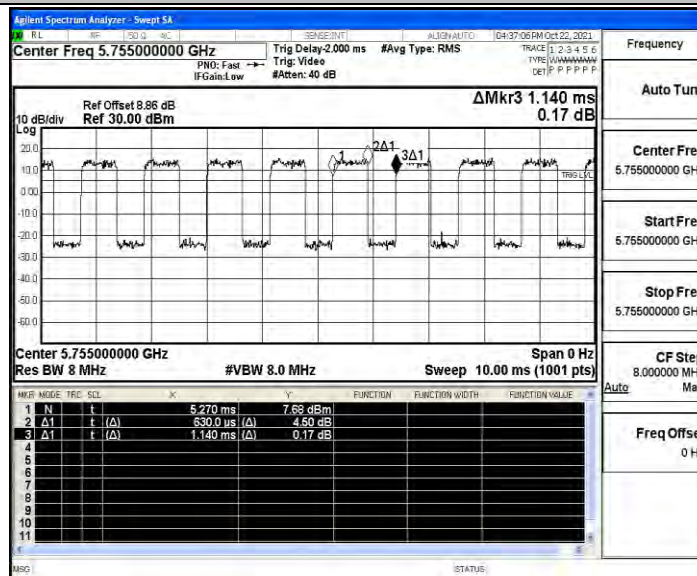




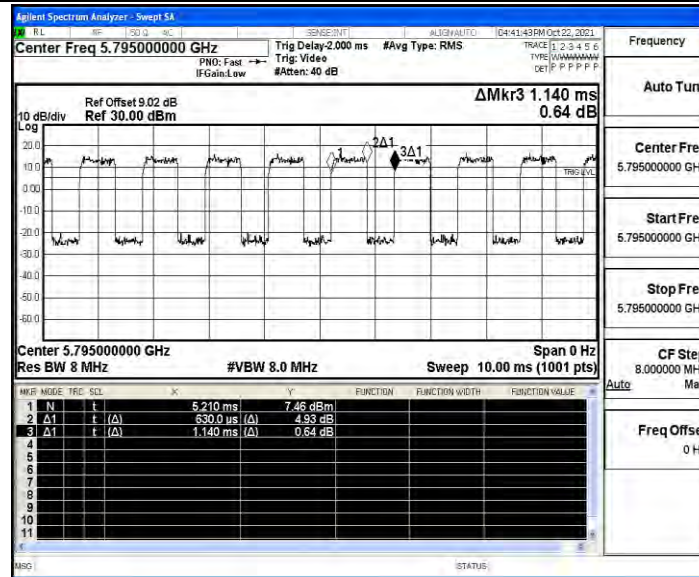
11N20SISO_Ant0_5825



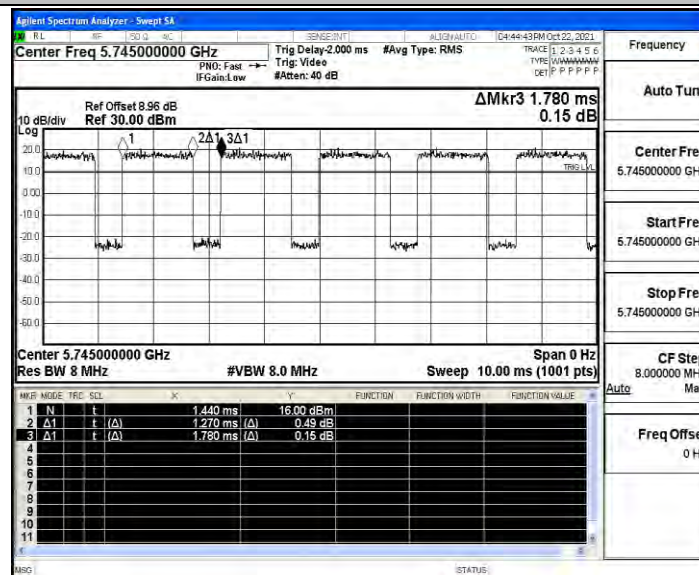
11N40SISO_Ant0_5755



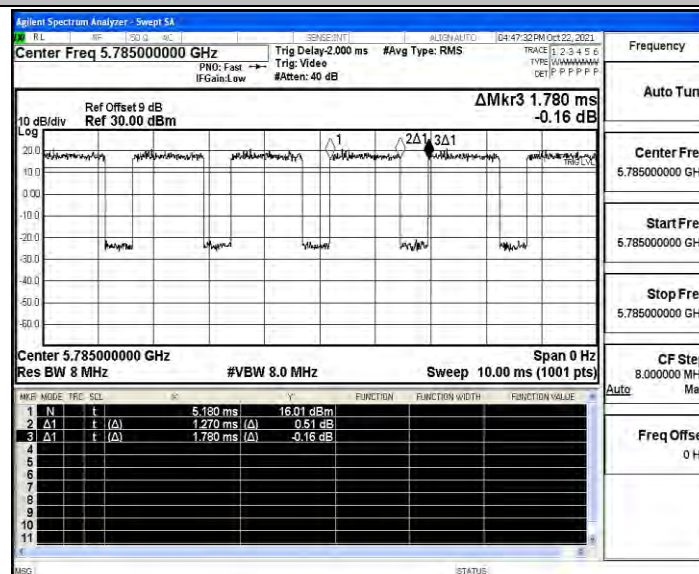
11N40SISO_Ant0_5795



11AC20SISO_Ant0_5745

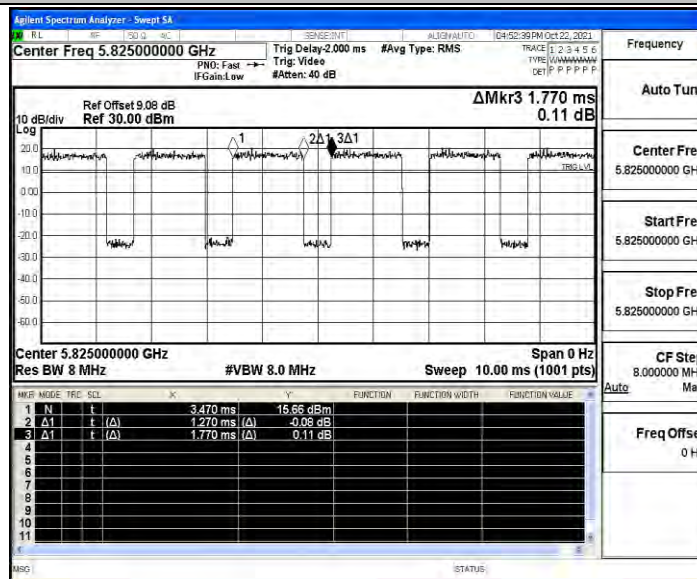


11AC20SISO_Ant0_5785

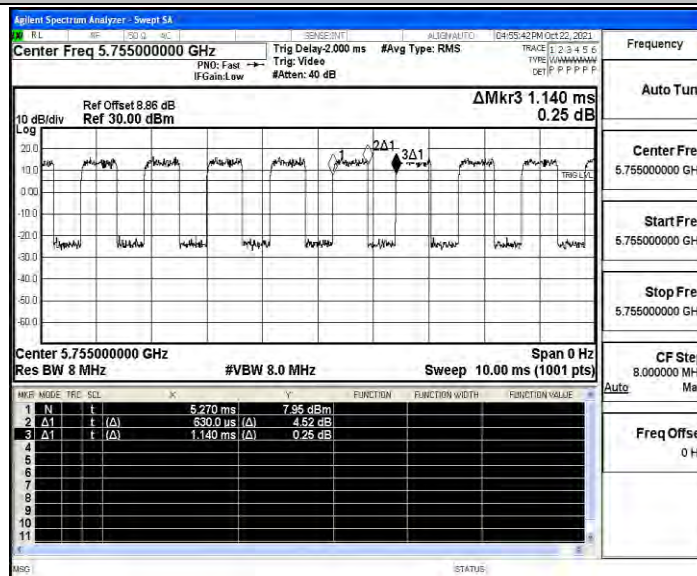




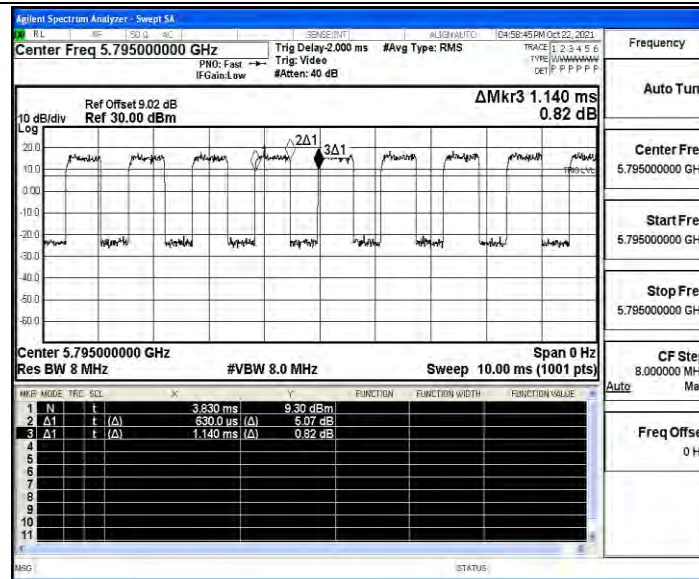
11AC20SISO_Ant0_5825



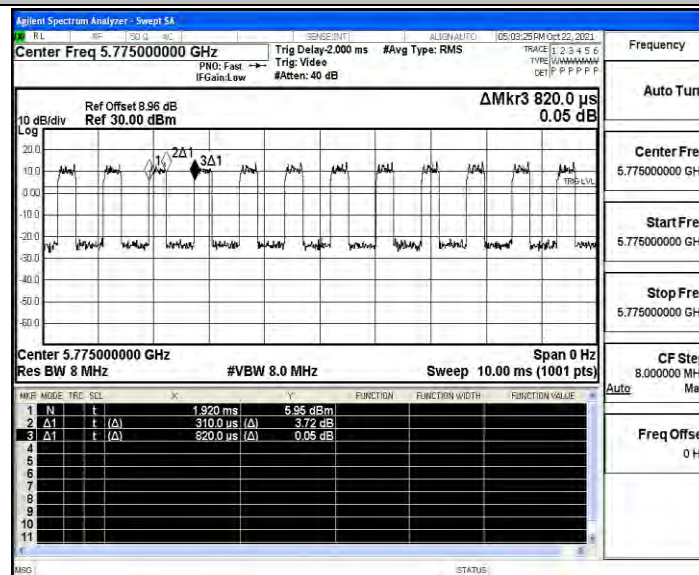
11AC40SISO_Ant0_5755



11AC40SISO_Ant0_5795



11AC80SISO_Ant0_5775





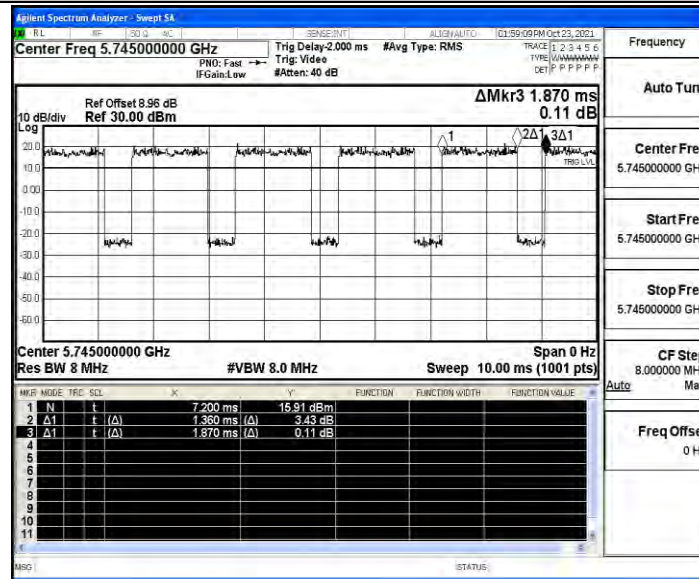
ANT1

TestMode	Antenna	Channel	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	Limit	Verdict
11A	Ant1	5745	1.36	1.87	72.73	---	PASS
		5785	1.36	1.86	73.12	---	PASS
		5825	1.36	1.87	72.73	---	PASS
11N20SISO	Ant1	5745	1.27	1.78	71.35	---	PASS
		5785	1.27	1.78	71.35	---	PASS
		5825	1.27	1.78	71.35	---	PASS
11N40SISO	Ant1	5755	0.63	1.14	55.26	---	PASS
		5795	0.63	1.14	55.26	---	PASS
11AC20SISO	Ant1	5745	1.27	1.78	71.35	---	PASS
		5785	1.27	1.77	71.75	---	PASS
		5825	1.27	1.77	71.75	---	PASS
11AC40SISO	Ant1	5755	0.63	1.14	55.26	---	PASS
		5795	0.63	1.14	55.26	---	PASS
11AC80SISO	Ant1	5775	0.31	0.82	37.80	---	PASS

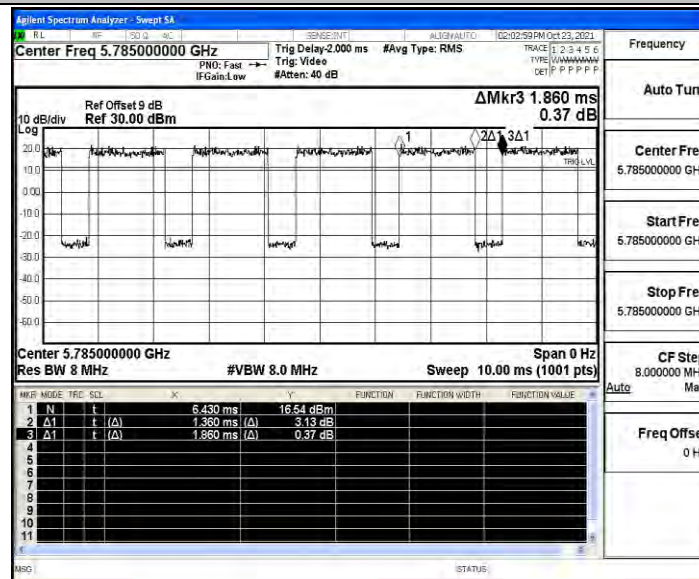


Test Graphs

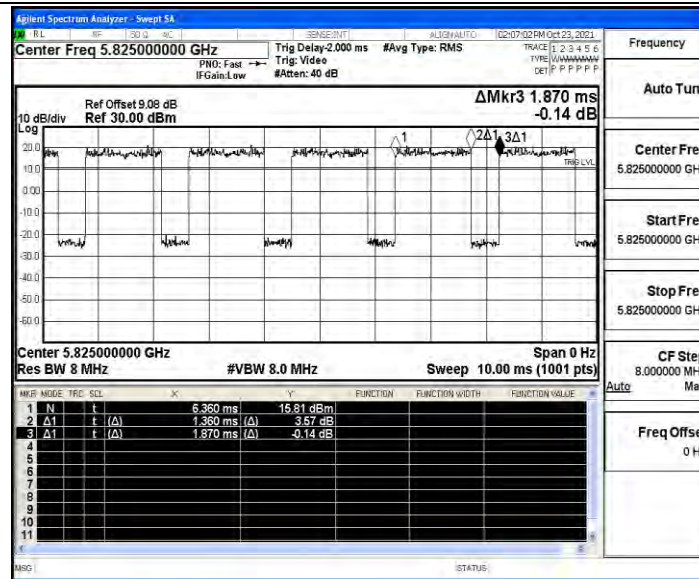
11A_Ant1_5745



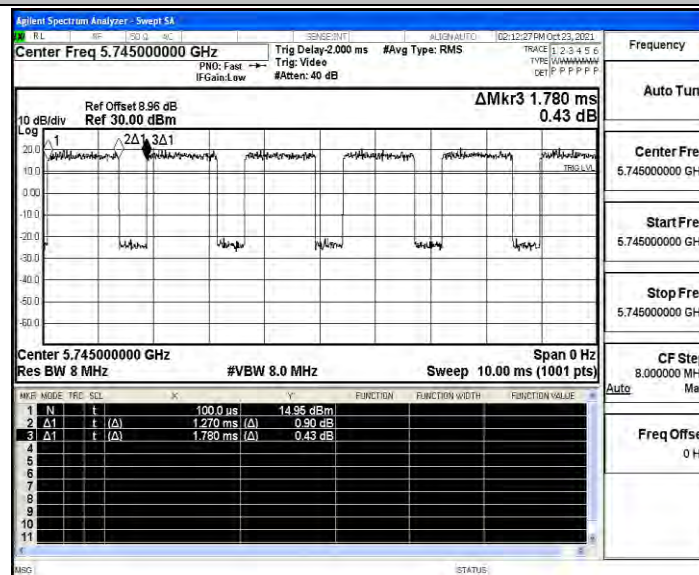
11A_Ant1_5785



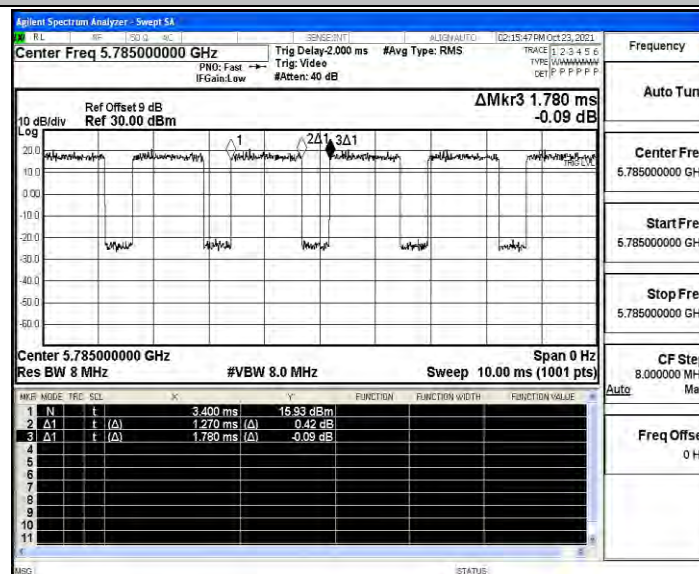
11A_Ant1_5825



11N20SISO_Ant1_5745

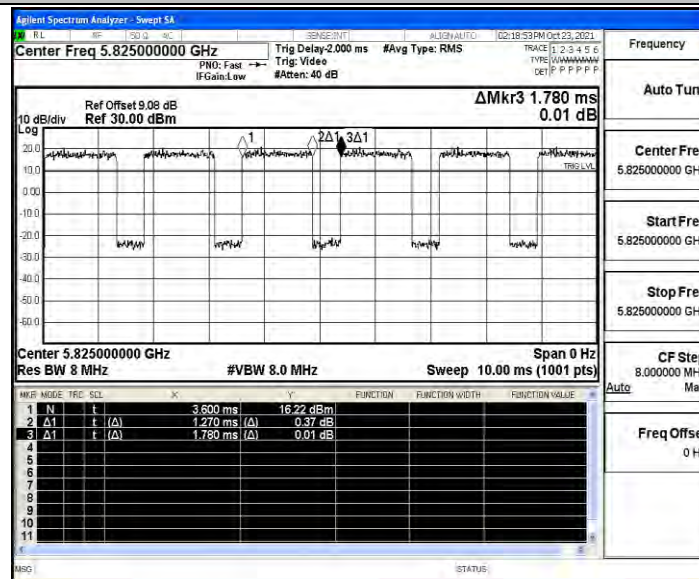


11N20SISO_Ant1_5785

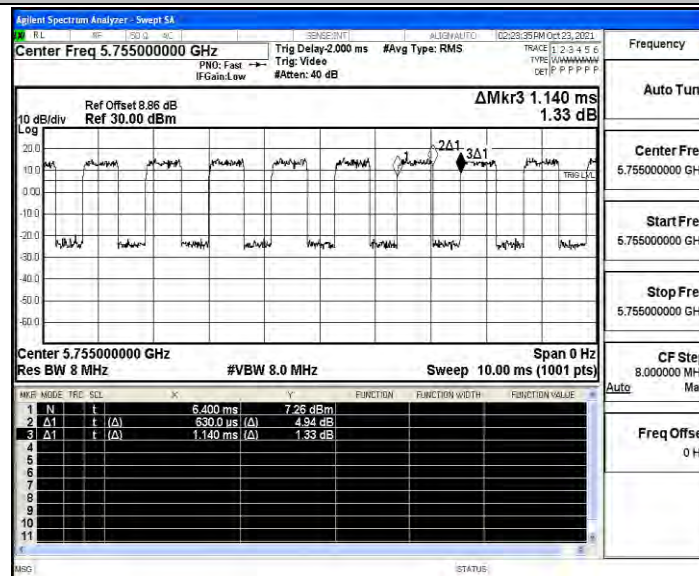




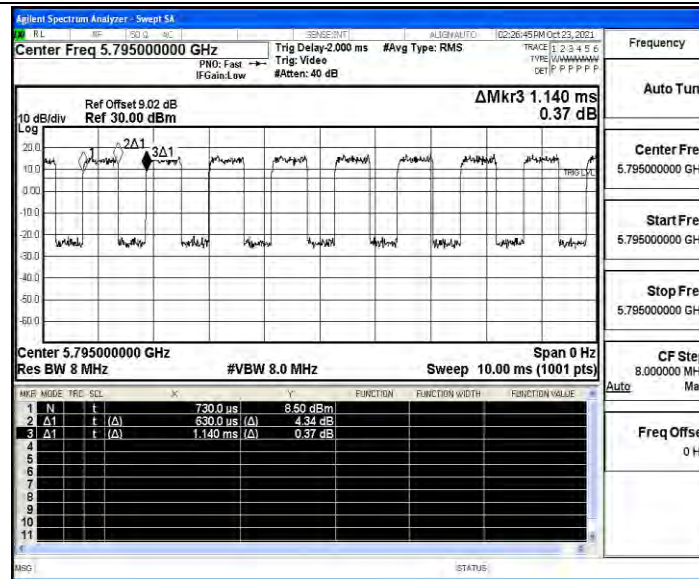
11N20SISO_Ant1_5825



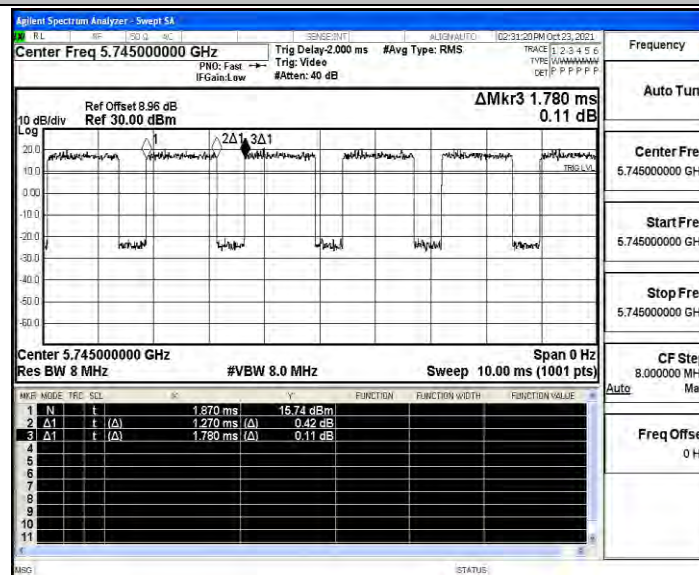
11N40SISO_Ant1_5755



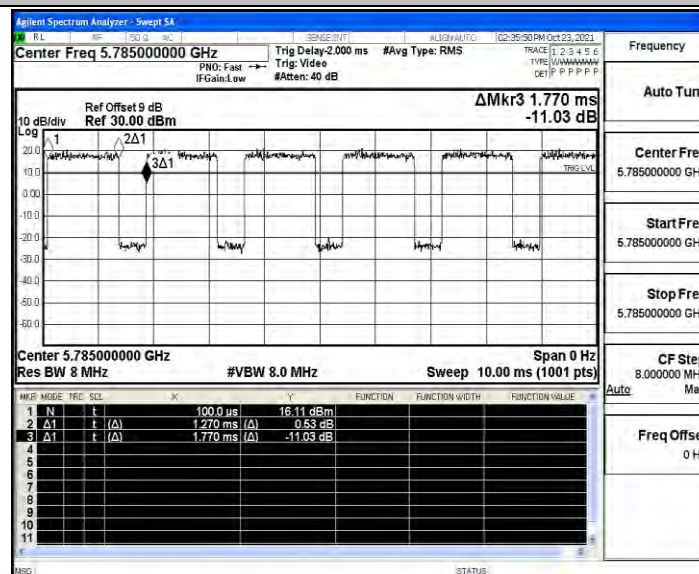
11N40SISO_Ant1_5795



11AC20SISO_Ant1_5745

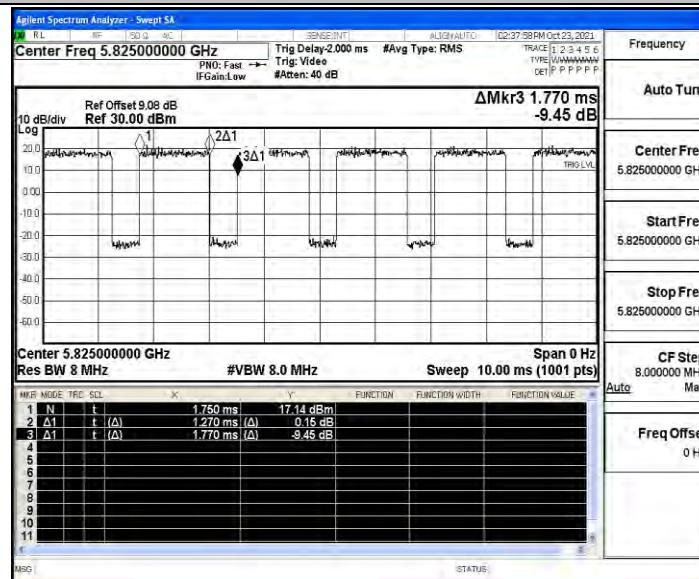


11AC20SISO_Ant1_5785

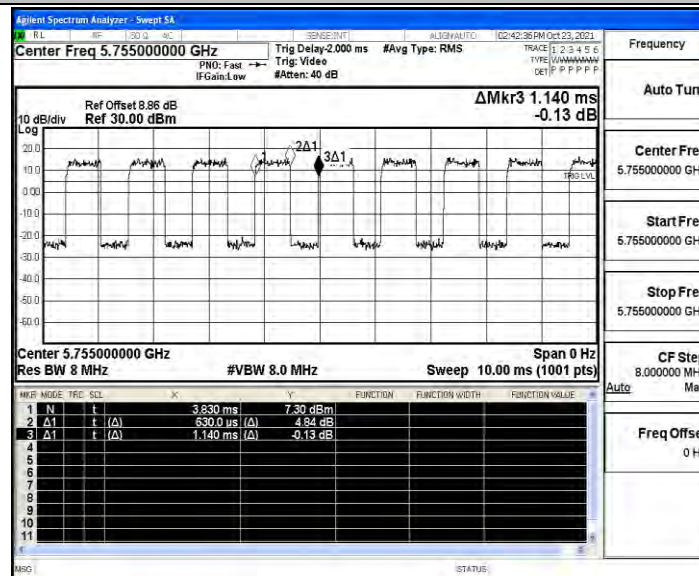




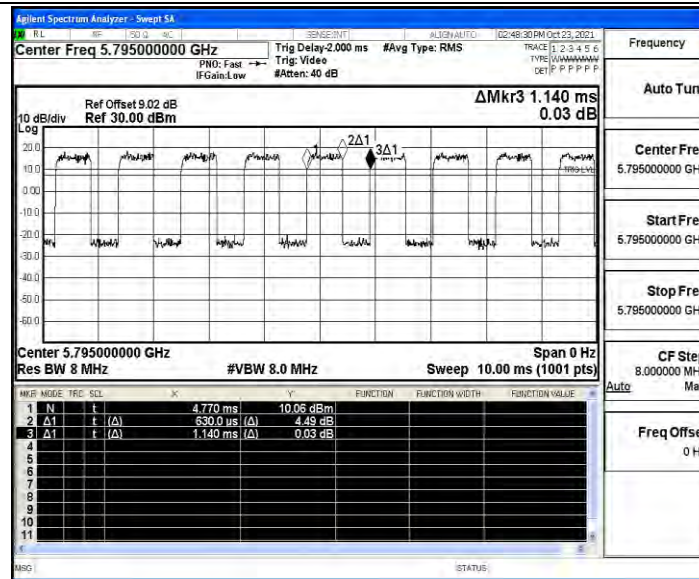
11AC20SISO_Ant1_5825



11AC40SISO_Ant1_5755



11AC40SISO_Ant1_5795



11AC80SISO_Ant1_5775

