



Appendix F

RF Test Data for 5.8G WIFI (Conducted Measurement)

Product Name: Tablet

Trade Mark: CRAVE

Test Model: T3

Environmental Conditions

Temperature:	21.1° C
Relative Humidity:	52.2%
ATM Pressure:	100.0 kPa
Test Engineer:	Wunder Wu
Supervised by:	Li Huan



F.1 6dB bandwidth

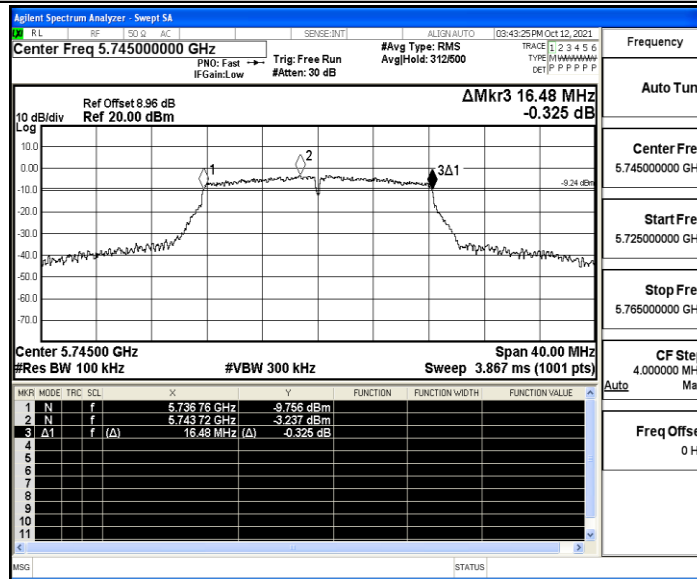
Test Result

TestMode	Antenna	Channel	6db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5745	16.480	5736.760	5753.240	0.5	PASS
		5785	16.480	5776.760	5793.240	0.5	PASS
		5825	16.440	5816.760	5833.200	0.5	PASS
11N20SISO	Ant1	5745	17.640	5736.160	5753.800	0.5	PASS
		5785	17.680	5776.160	5793.840	0.5	PASS
		5825	17.680	5816.160	5833.840	0.5	PASS
11N40SISO	Ant1	5755	36.480	5736.760	5773.240	0.5	PASS
		5795	36.480	5776.760	5813.240	0.5	PASS
11AC20SISO	Ant1	5745	17.680	5736.160	5753.840	0.5	PASS
		5785	17.680	5776.160	5793.840	0.5	PASS
		5825	17.680	5816.160	5833.840	0.5	PASS
11AC40SISO	Ant1	5755	36.480	5736.760	5773.240	0.5	PASS
		5795	36.480	5776.760	5813.240	0.5	PASS
11AC80SISO	Ant1	5775	75.840	5736.920	5812.760	0.5	PASS

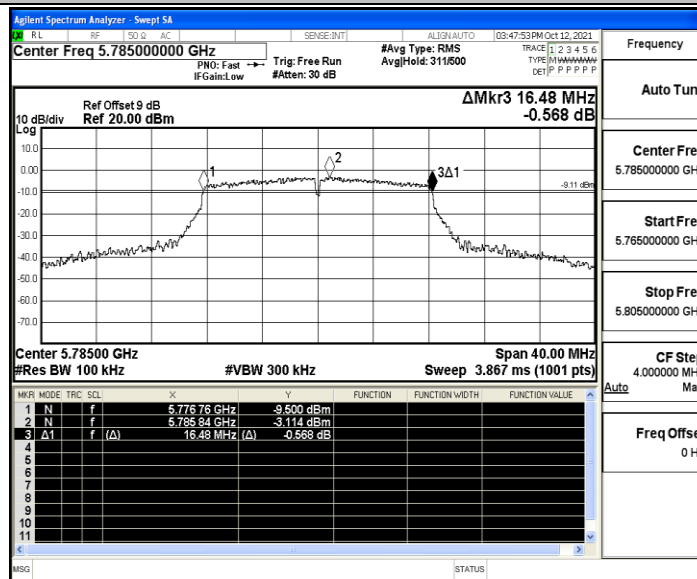


Test Graphs

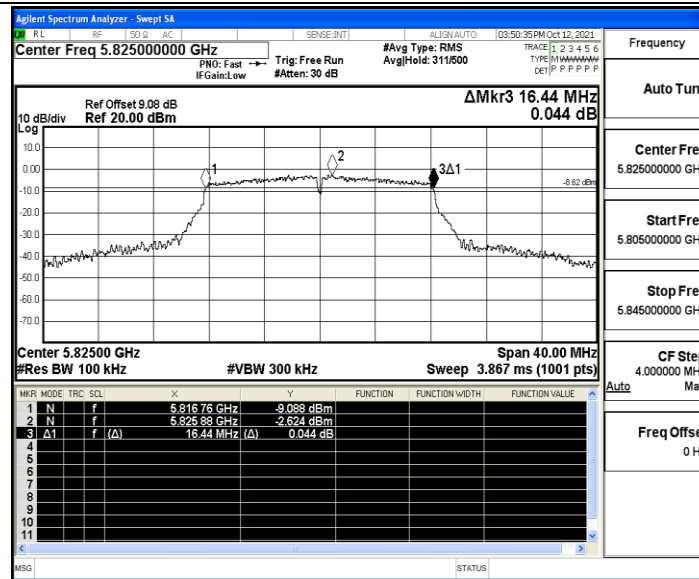
11A_Ant1_5745



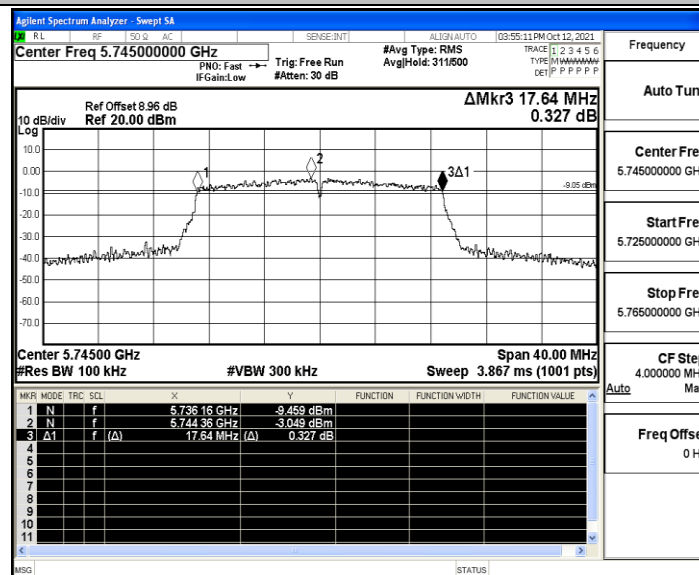
11A_Ant1_5785



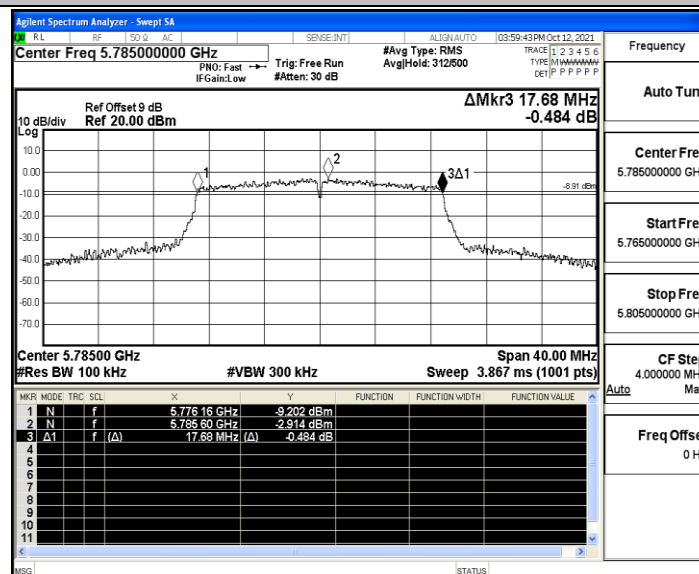
11A_Ant1_5825



11N20SISO_Ant1_5745

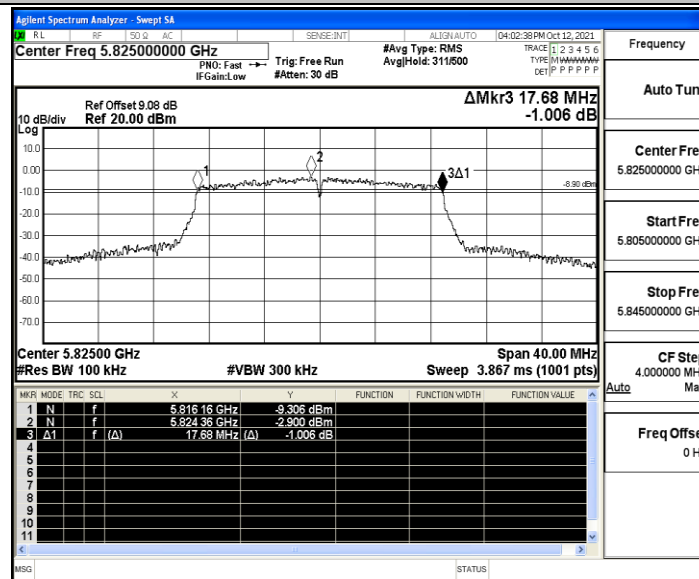


11N20SISO_Ant1_5785

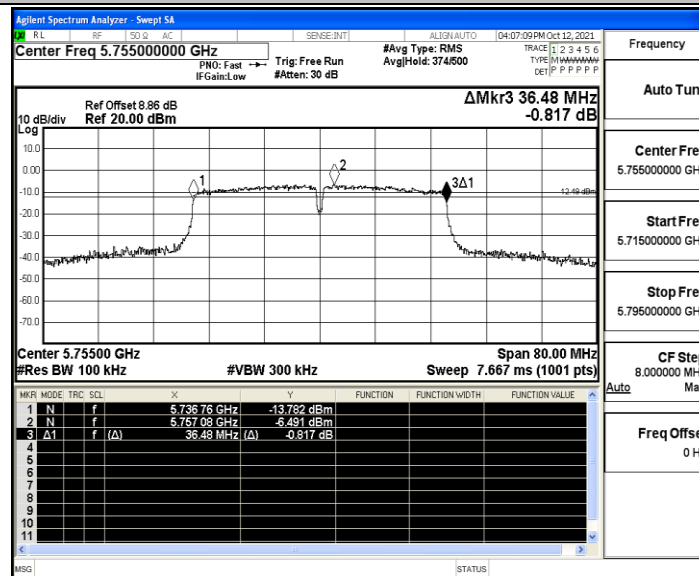




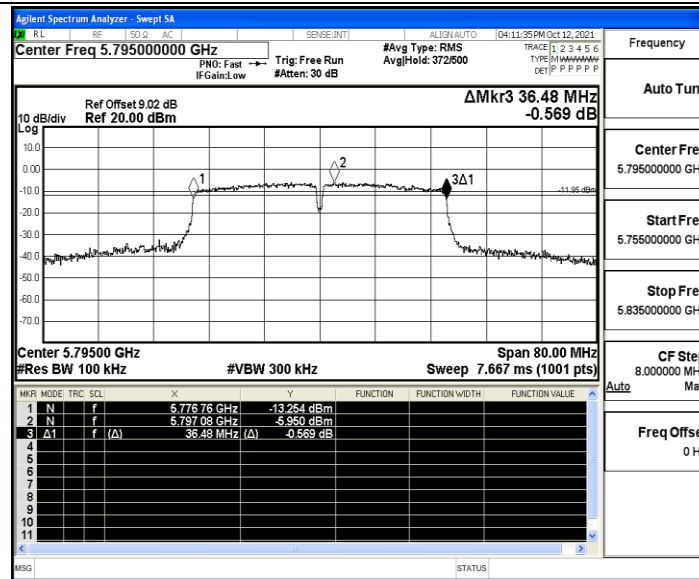
11N20SISO_Ant1_5825



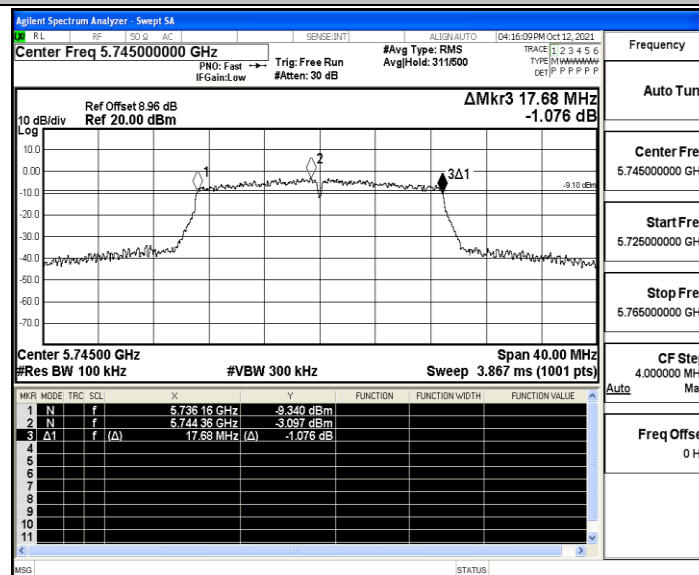
11N40SISO_Ant1_5755



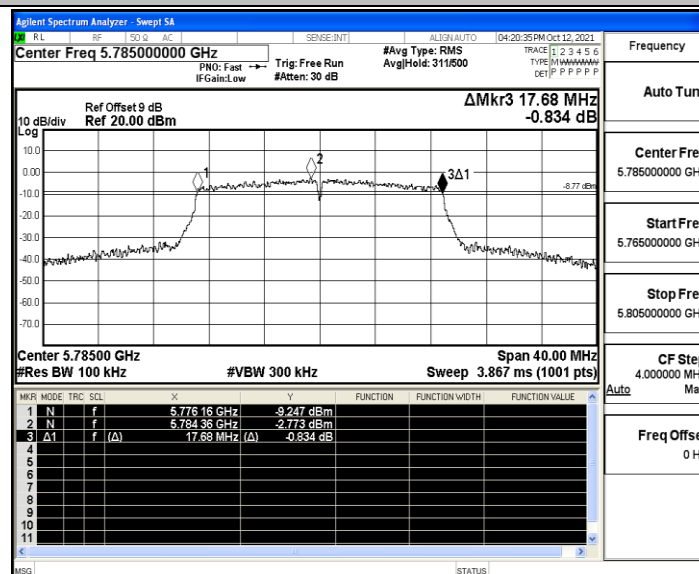
11N40SISO_Ant1_5795



11AC20SISO_Ant1_5745

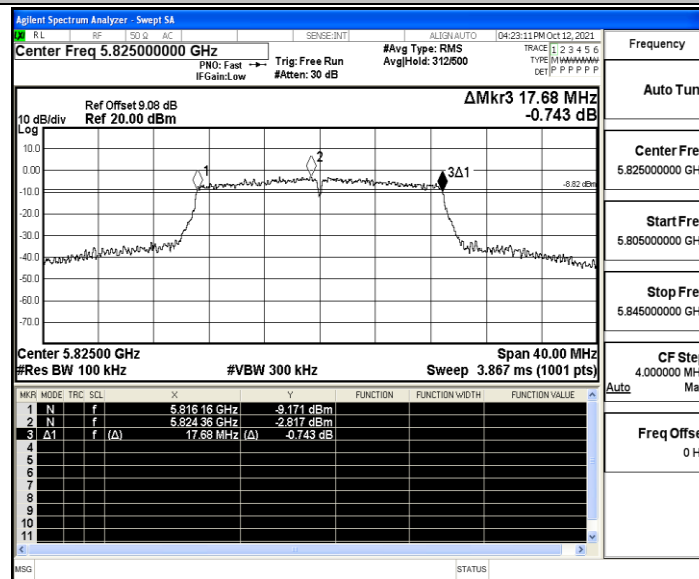


11AC20SISO_Ant1_5785

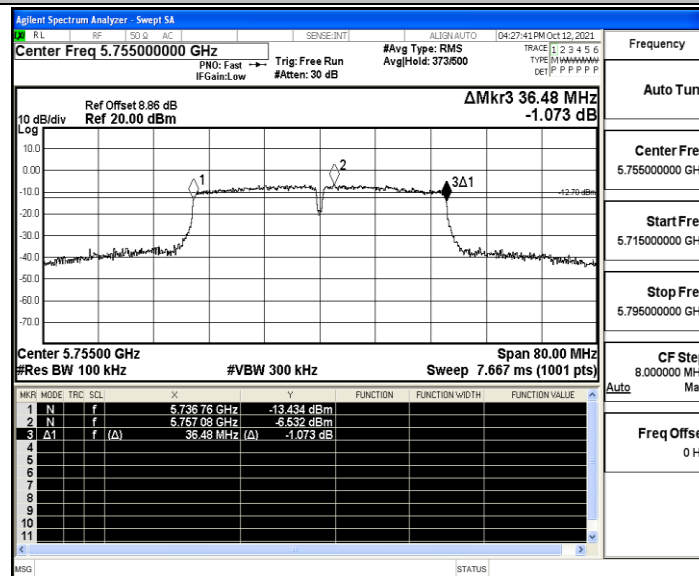




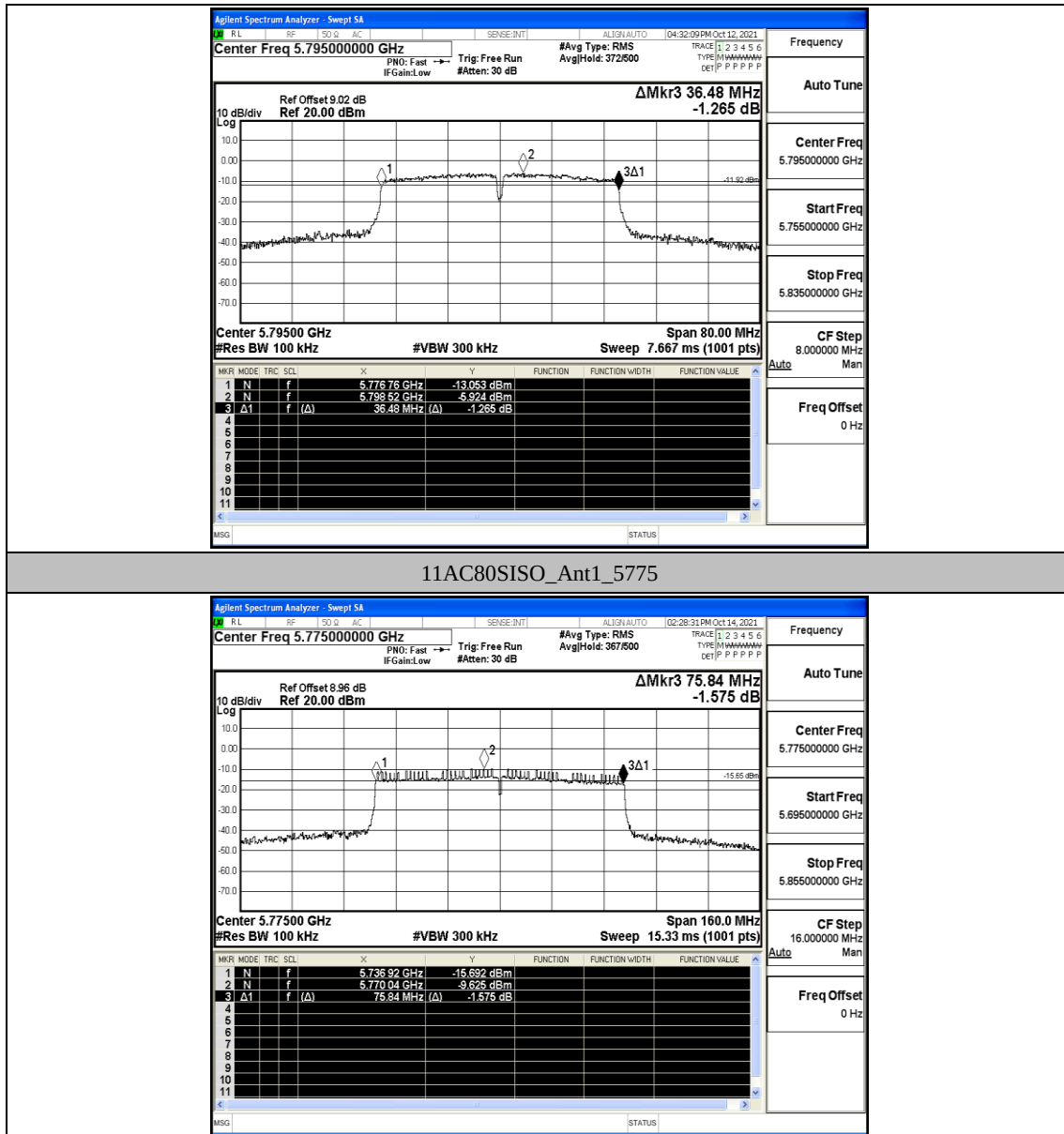
11AC20SISO_Ant1_5825



11AC40SISO_Ant1_5755



11AC40SISO_Ant1_5795





F.2 Maximum conducted output power

Test Result

TestMode	Antenna	Channel	Result[dBm]	Limit[dBm]	Verdict
11A	Ant1	5745	14.24	≤30	PASS
		5785	14.43	≤30	PASS
		5825	14.79	≤30	PASS
11N20SISO	Ant1	5745	14.19	≤30	PASS
		5785	15.59	≤30	PASS
		5825	14.34	≤30	PASS
11N40SISO	Ant1	5755	15.39	≤30	PASS
		5795	14.06	≤30	PASS
11AC20SISO	Ant1	5745	15.18	≤30	PASS
		5785	14.54	≤30	PASS
		5825	15.50	≤30	PASS
11AC40SISO	Ant1	5755	14.33	≤30	PASS
		5795	15.03	≤30	PASS
11AC80SISO	Ant1	5775	14.64	≤30	PASS

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



F.3 Maximum power spectral density

Test Result

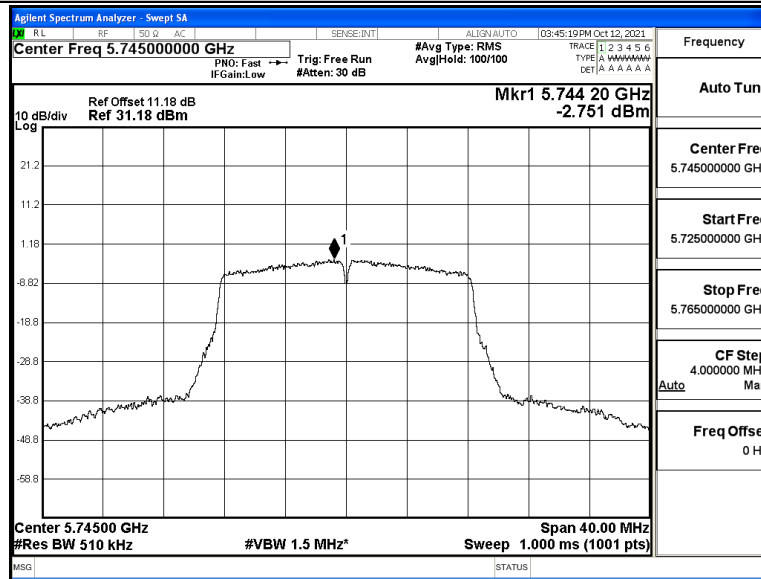
TestMode	Antenna	Channel	Result [dBm/500 kHz]	Limit[dBm/500 kHz]	Verdict
11A	Ant1	5745	-2.75	≤ 30	PASS
		5785	-2.33	≤ 30	PASS
		5825	-1.9	≤ 30	PASS
11N20SISO	Ant1	5745	-2.82	≤ 30	PASS
		5785	-2.74	≤ 30	PASS
		5825	-2.92	≤ 30	PASS
11N40SISO	Ant1	5755	-6.5	≤ 30	PASS
		5795	-5.74	≤ 30	PASS
11AC20SISO	Ant1	5745	-2.88	≤ 30	PASS
		5785	-2.33	≤ 30	PASS
		5825	-2.71	≤ 30	PASS
11AC40SISO	Ant1	5755	-6.44	≤ 30	PASS
		5795	-5.8	≤ 30	PASS
11AC80SISO	Ant1	5775	-8.95	≤ 30	PASS

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

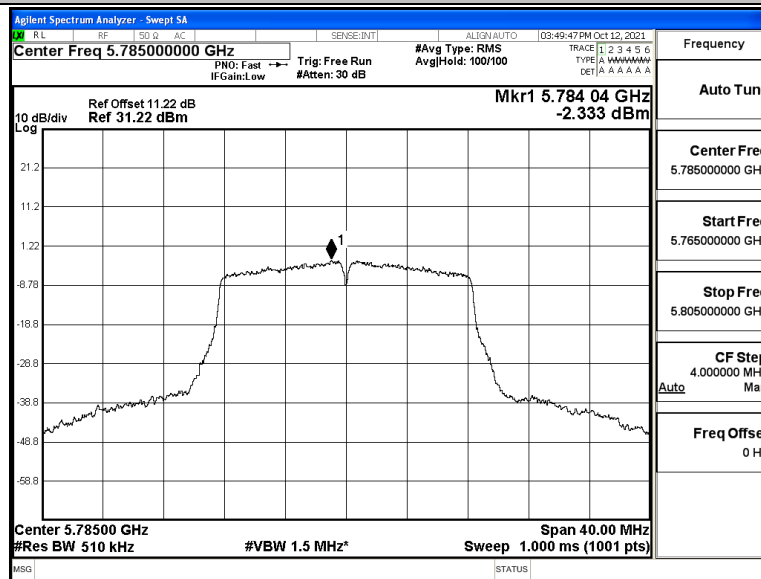


Test Graphs

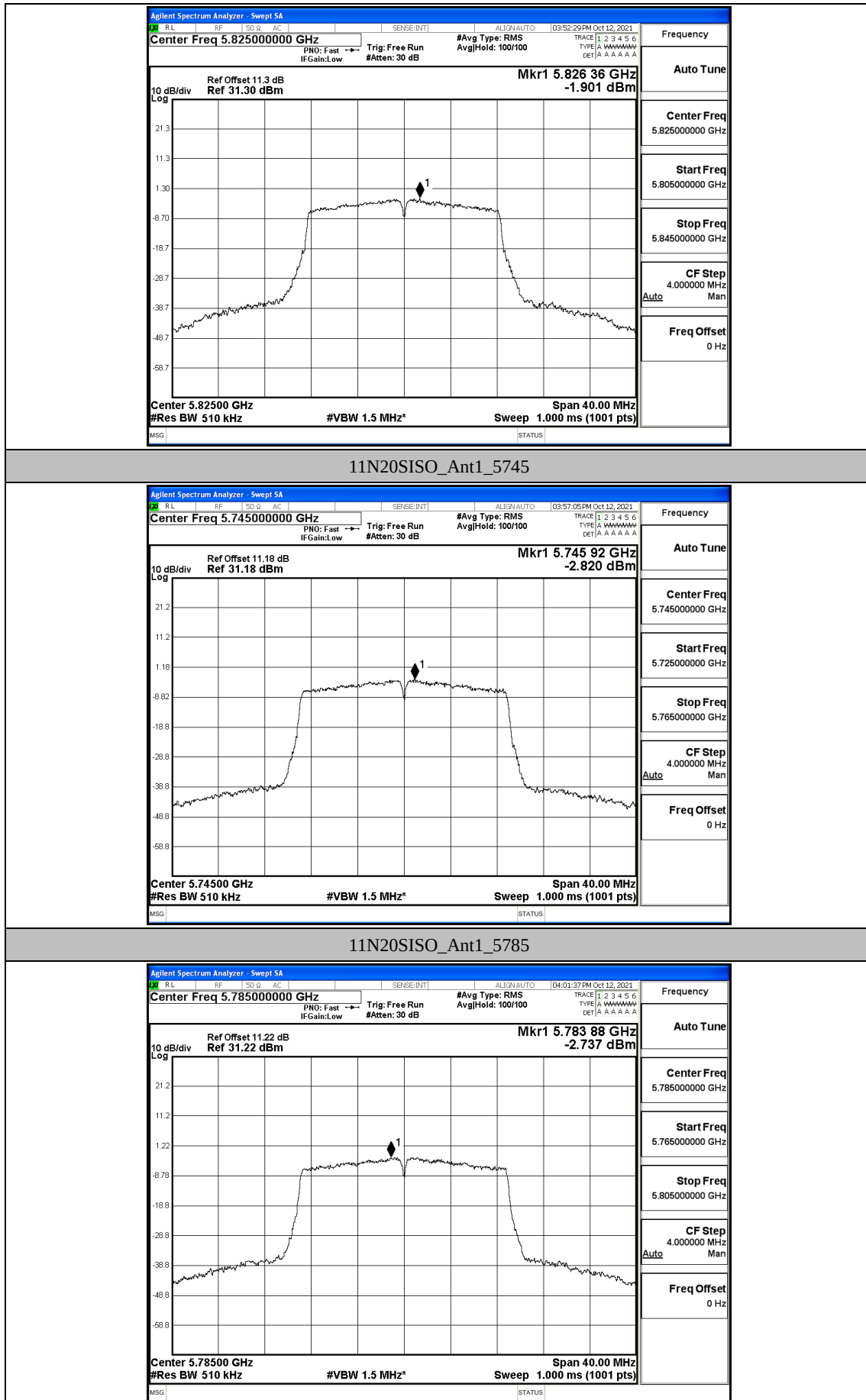
11A_Ant1_5745



11A_Ant1_5785

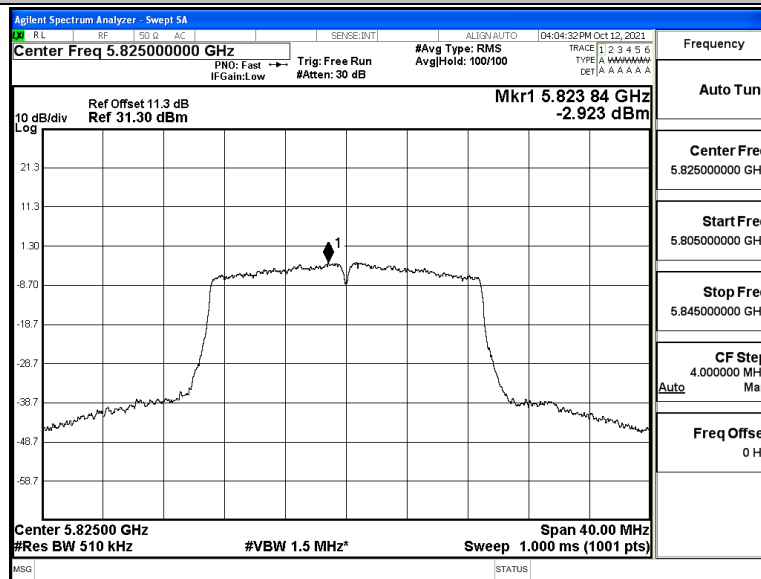


11A_Ant1_5825

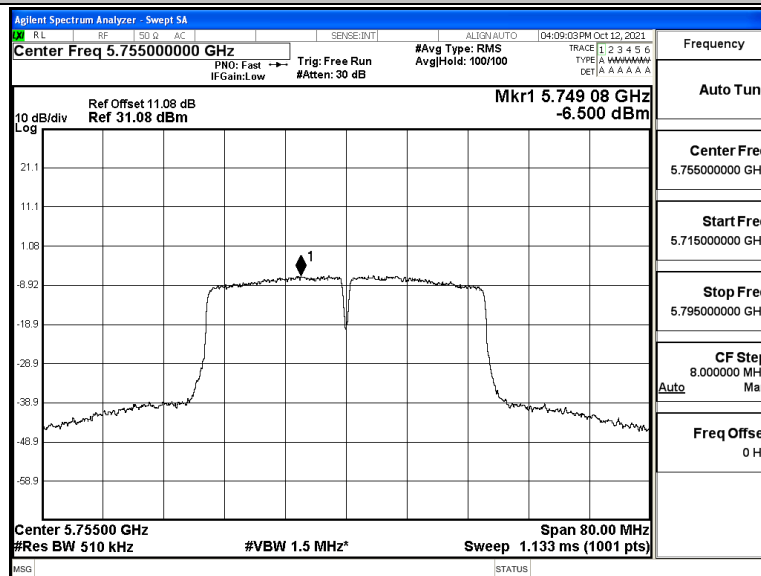




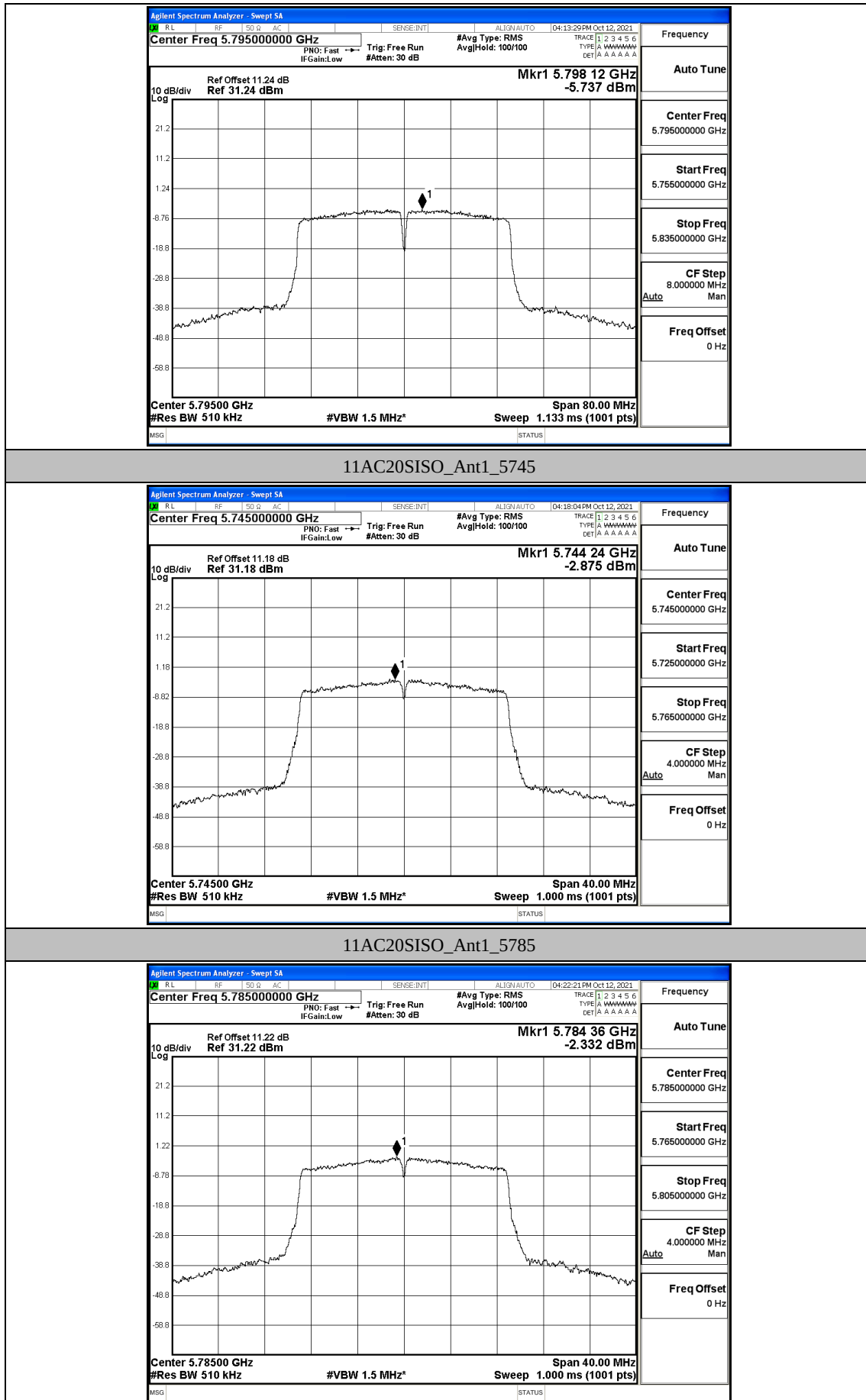
11N20SISO_Ant1_5825



11N40SISO_Ant1_5755

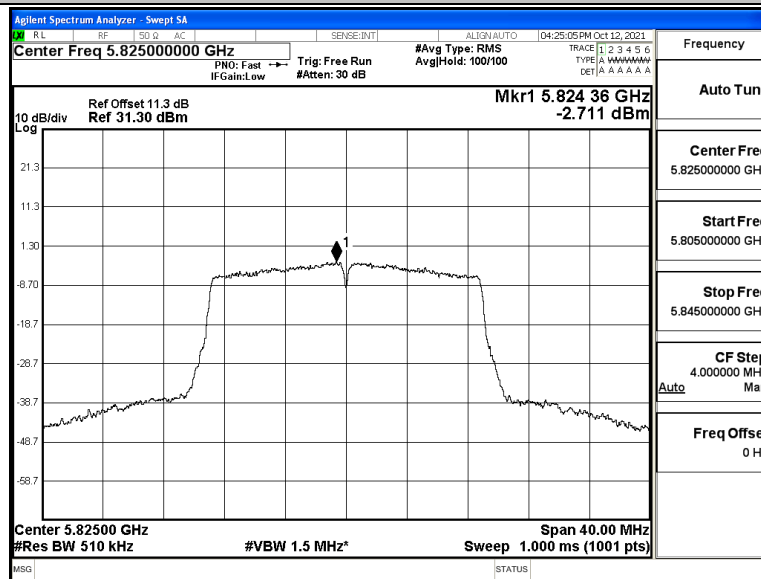


11N40SISO_Ant1_5795

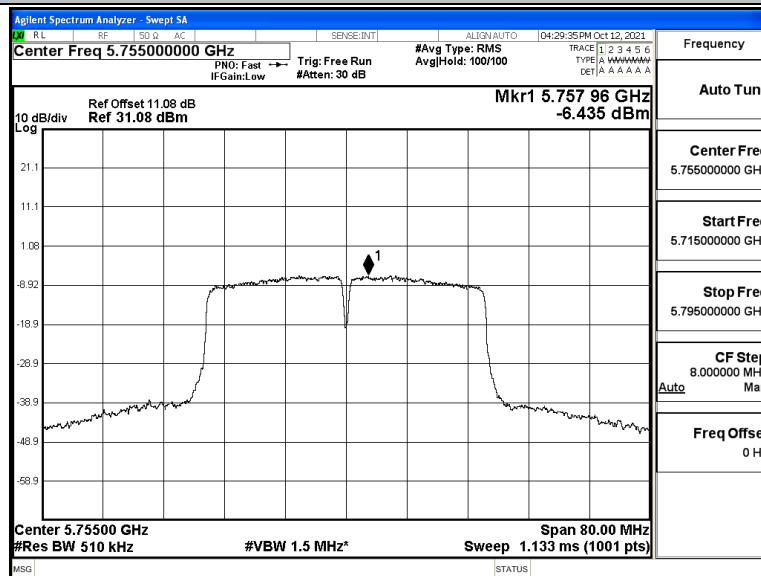




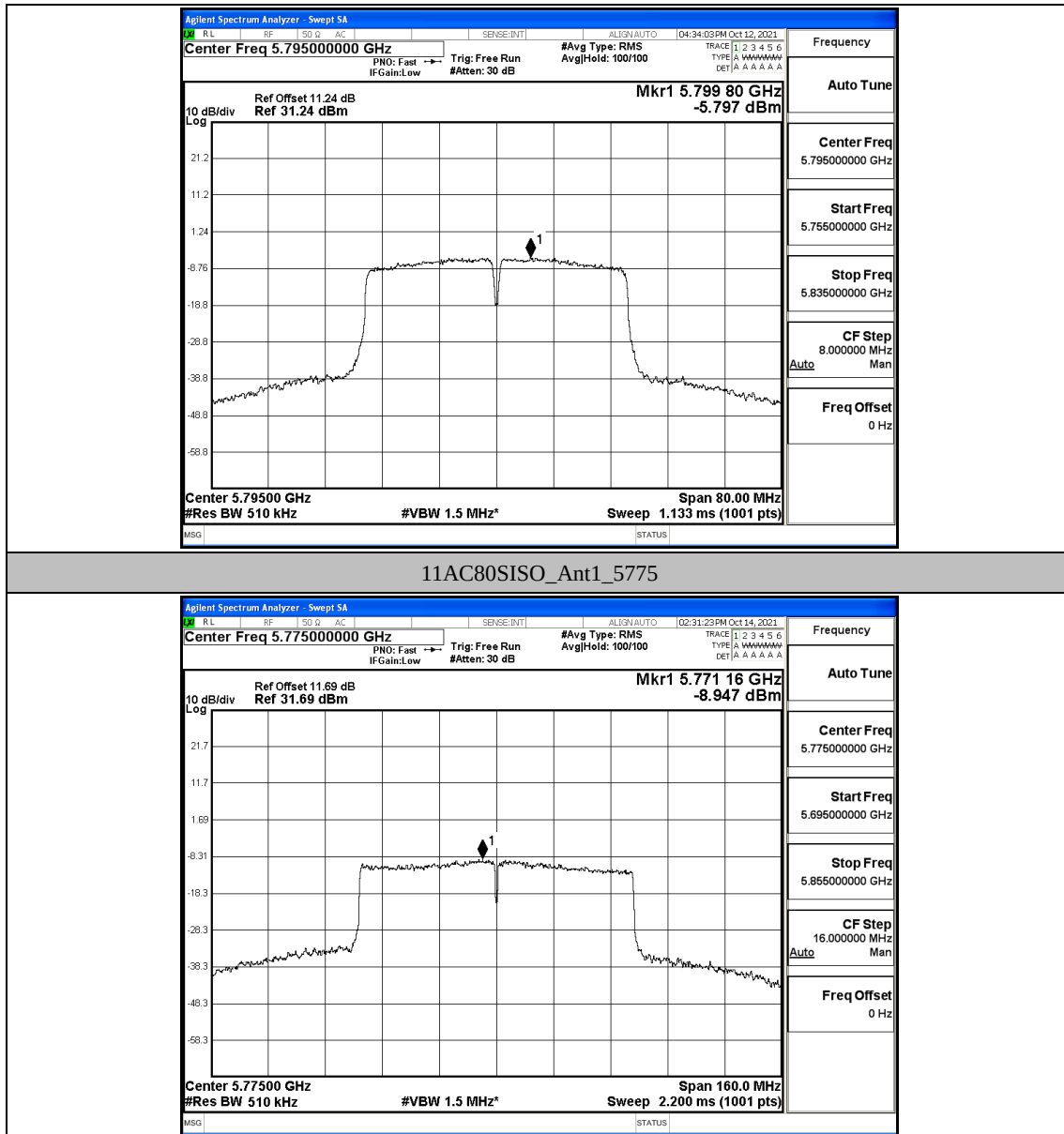
11AC20SISO_Ant1_5825



11AC40SISO_Ant1_5755



11AC40SISO_Ant1_5795





F.4 Emissions in Restricted Bands

Test Result

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	-36.399	≤-27.00	---	---	PASS
				Peak	5700.000	-36.87	≤10.00	---	---	PASS
				Peak	5720.000	-31.06	≤15.60	---	---	PASS
				Peak	5725.000	-26.82	≤27.00	- --	- --	PASS
		High	5825	Peak	5850.000	-31.947	≤15.60	---	---	PASS
				Peak	5855.000	-34.21	≤27.00	---	---	PASS
				Peak	5875.000	-35.52	≤15.60	---	---	PASS
				Peak	5925.000	-36.69	≤10.00	- --	- --	PASS
11N20SISO	Ant1	Low	5745	Peak	5650.000	-36.833	≤-27.00	---	---	PASS
				Peak	5700.000	-35.78	≤10.00	---	---	PASS
				Peak	5720.000	-29.44	≤15.60	---	---	PASS
				Peak	5725.000	-27.57	≤27.00	- --	- --	PASS
		High	5825	Peak	5850.000	-30.397	≤15.60	---	---	PASS
				Peak	5855.000	-35.53	≤27.00	---	---	PASS
				Peak	5875.000	-35.78	≤15.60	---	---	PASS
				Peak	5925.000	-37.01	≤10.00	- --	- --	PASS
11N40SISO	Ant1	Low	5755	Peak	5650.000	-37.187	≤-27.00	---	---	PASS
				Peak	5700.000	-34.2	≤10.00	---	---	PASS
				Peak	5720.000	-26.55	≤15.60	---	---	PASS
				Peak	5725.000	-24.42	≤27.00	- --	- --	PASS
		High	5795	Peak	5850.000	-34.212	≤15.60	---	---	PASS
				Peak	5855.000	-34.14	≤27.00	---	---	PASS
				Peak	5875.000	-36.74	≤15.60	---	---	PASS
				Peak	5925.000	-36.51	≤10.00	- --	- --	PASS
11AC20SISO	Ant1	Low	5745	Peak	5650.000	-36.435	≤-27.00	---	---	PASS
				Peak	5700.000	-36.22	≤10.00	---	---	PASS
				Peak	5720.000	-29.76	≤15.60	---	---	PASS
				Peak	5725.000	-26.99	≤27.00	- --	- --	PASS
		High	5825	Peak	5850.000	-29.206	≤15.60	---	---	PASS
				Peak	5855.000	-34.92	≤27.00	---	---	PASS
				Peak	5875.000	-36.36	≤15.60	---	---	PASS
				Peak	5925.000	-37.17	≤10.00	- --	- --	PASS
11AC40SISO	Ant1	Low	5755	Peak	5650.000	-37.78	≤-27.00	---	---	PASS
				Peak	5700.000	-34.01	≤10.00	---	---	PASS
				Peak	5720.000	-26.29	≤15.60	---	---	PASS
				Peak	5725.000	-25.06	≤27.00	- --	- --	PASS



		High	5795	Peak	5850.000	-33.921	≤ 15.60	---	---	PASS
				Peak	5855.000	-34.04	≤ 27.00	---	---	PASS
				Peak	5875.000	-35.72	≤ 15.60	---	---	PASS
				Peak	5925.000	-37.11	≤ 10.00	- - -	- - -	PASS
11AC80SI SO	Ant1	Low	5775	Peak	5650.000	-31.94	≤ -27.00	---	---	PASS
				Peak	5700.000	-20.91	≤ 10.00	---	---	PASS
				Peak	5720.000	-18.98	≤ 15.60	---	---	PASS
				Peak	5725.000	-18.17	≤ 27.00	- - -	- - -	PASS
		High	5775	Peak	5850.000	-23.241	≤ 15.60	---	---	PASS
				Peak	5855.000	-25.57	≤ 27.00	---	---	PASS
				Peak	5875.000	-29.85	≤ 15.60	---	---	PASS
				Peak	5925.000	-37.39	≤ 10.00	- - -	- - -	PASS

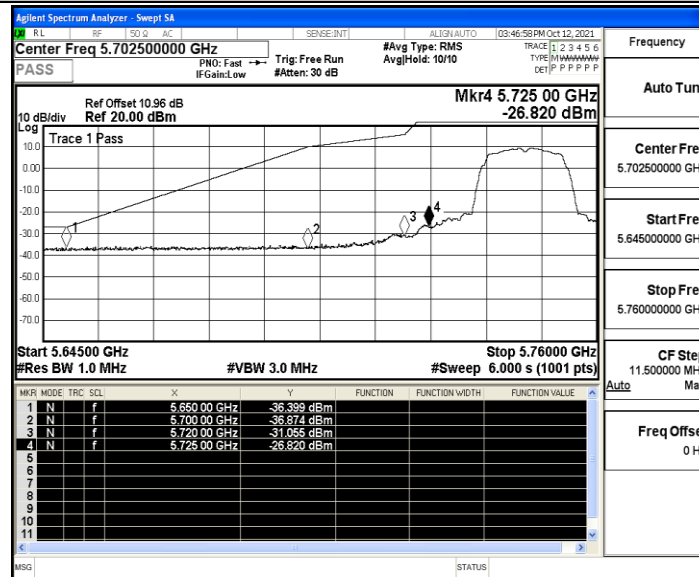
Note:

1. The Antenna Gain is compensated in the graph.

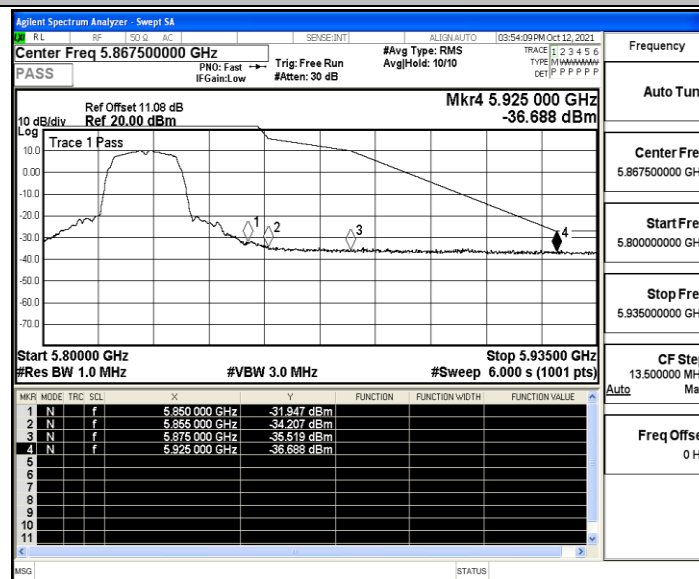


Test Graphs

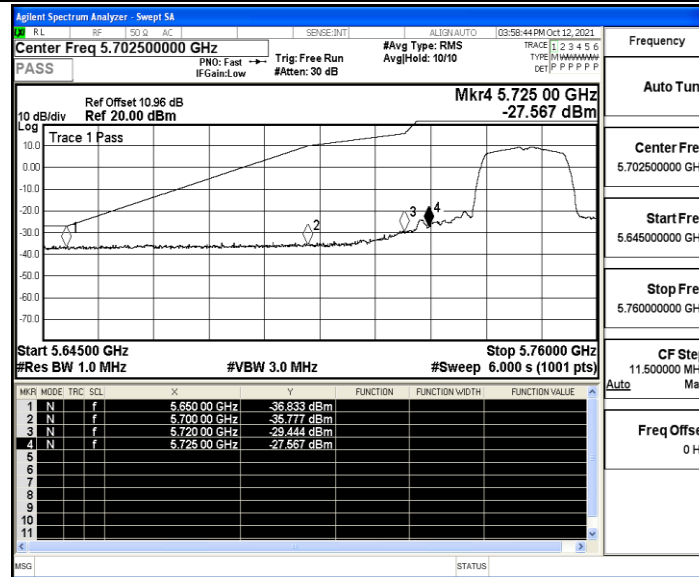
11A_Ant1_Low_5745_Peak



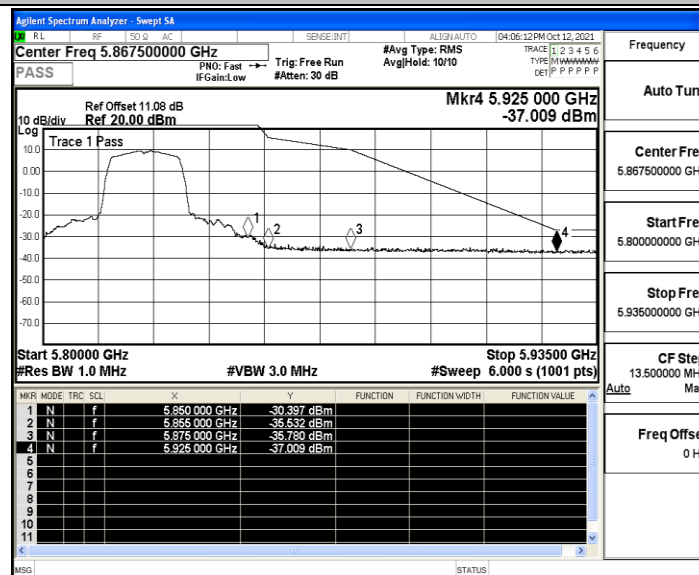
11A_Ant1_High_5825_Peak



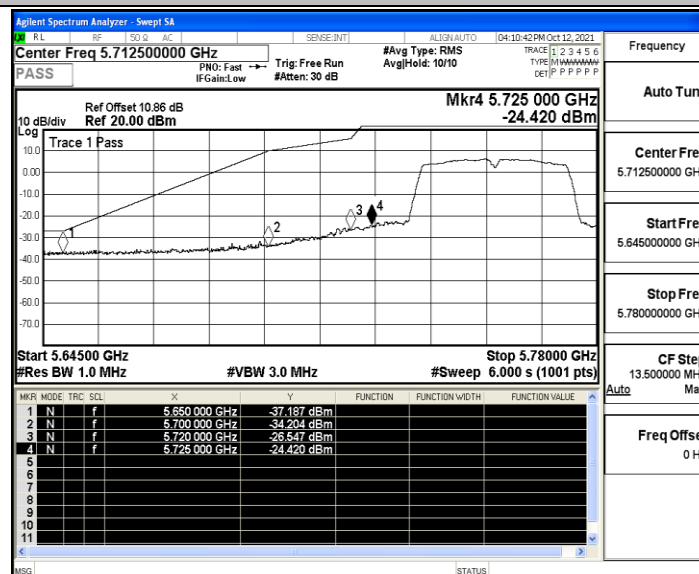
11N20SISO_Ant1_Low_5745_Peak



11N20SISO_Ant1_High_5825_Peak

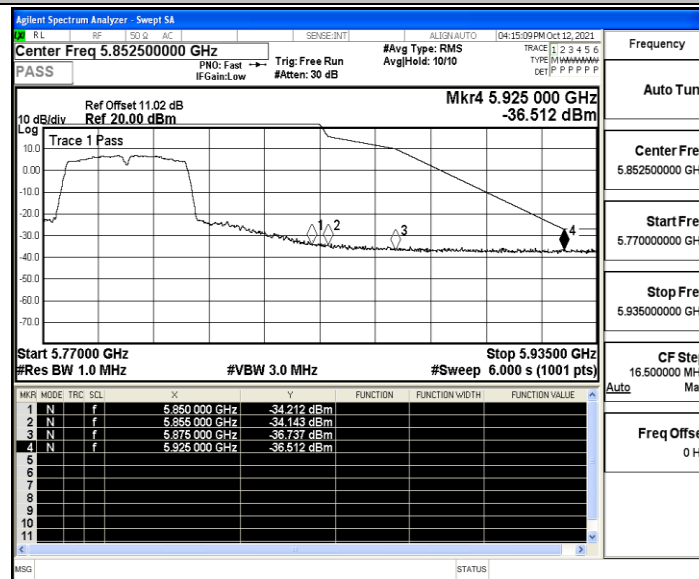


11N40SISO_Ant1_Low_5755_Peak

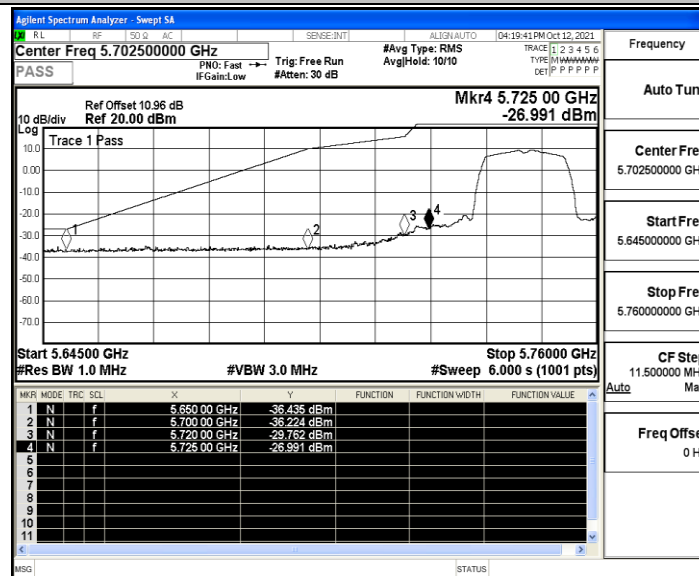




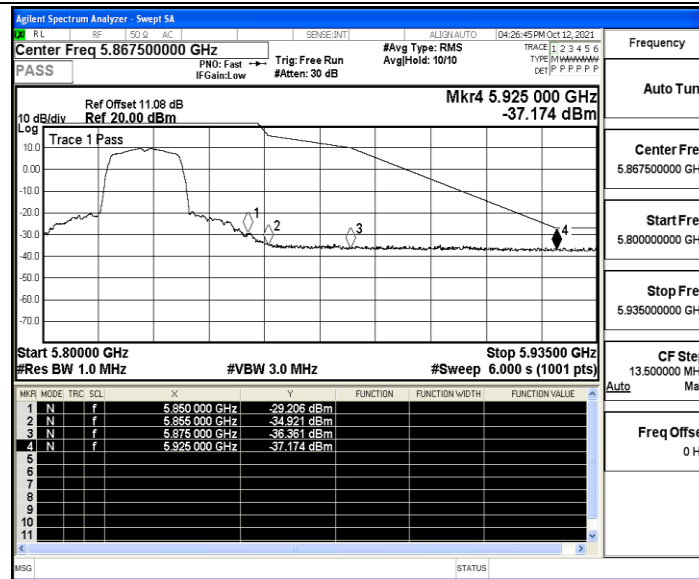
11N40SISO_Ant1_High_5795_Peak



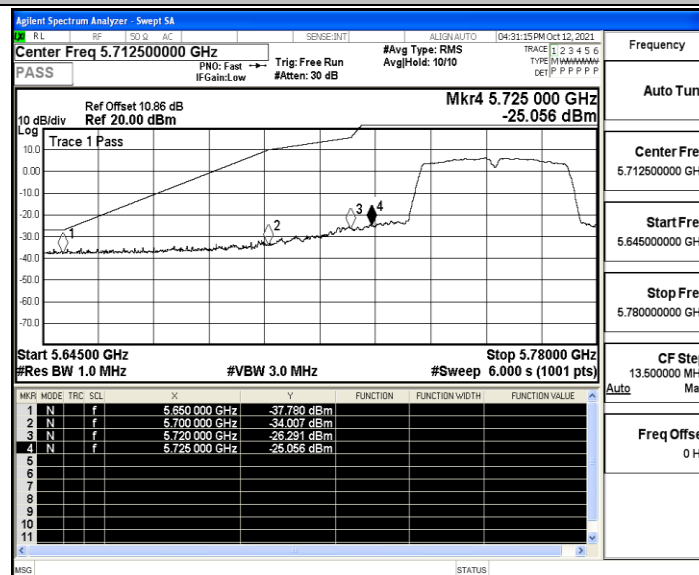
11AC20SISO_Ant1_Low_5745_Peak



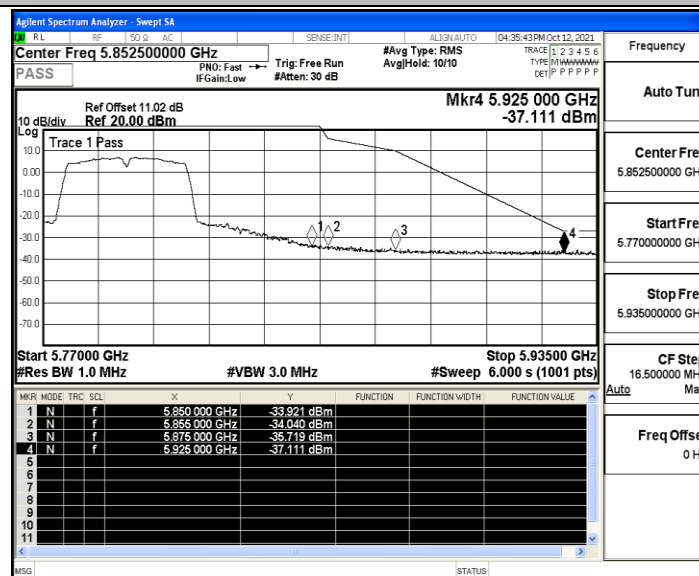
11AC20SISO_Ant1_High_5825_Peak



11AC40SISO_Ant1_Low_5755_Peak

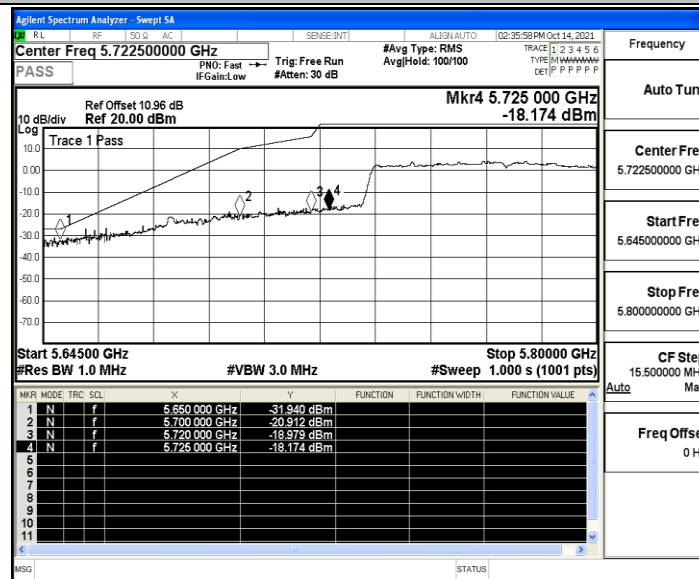


11AC40SISO_Ant1_High_5795_Peak

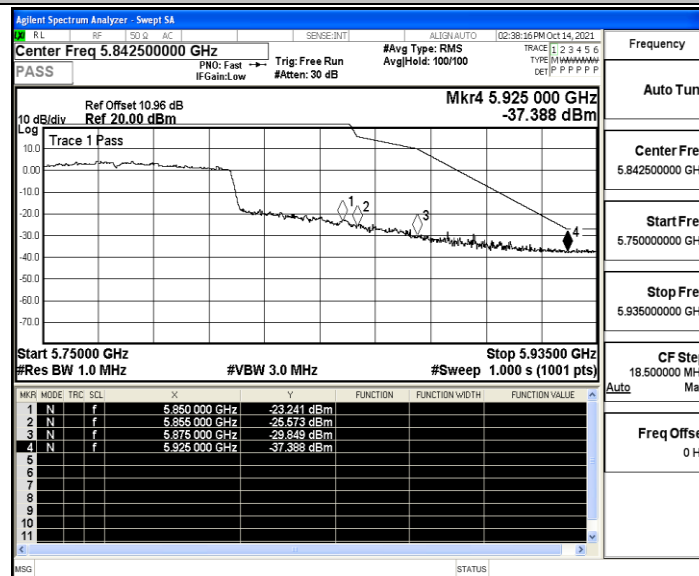




11AC80SISO_Ant1_Low_5775_Peak



11AC80SISO_Ant1_High_5775_Peak





F.5 Frequency Stability

Test Result

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	-15000	-2.610966	20	PASS
			HV	NT	-16000	-2.78503	20	PASS
		5785	NV	NT	-16000	-2.765774	20	PASS
			LV	NT	-16000	-2.765774	20	PASS
			HV	NT	-17000	-2.938634	20	PASS
		5825	NV	NT	-16000	-2.746781	20	PASS
			LV	NT	-17000	-2.918455	20	PASS
			HV	NT	-17000	-2.918455	20	PASS
11N20SISO	Ant1	5745	NV	NT	-15000	-2.610966	20	PASS
			LV	NT	-16000	-2.78503	20	PASS
			HV	NT	-16000	-2.78503	20	PASS
		5785	NV	NT	-16000	-2.765774	20	PASS
			LV	NT	-16000	-2.765774	20	PASS
			HV	NT	-17000	-2.938634	20	PASS
		5825	NV	NT	-17000	-2.918455	20	PASS
			LV	NT	-17000	-2.918455	20	PASS
			HV	NT	-17000	-2.918455	20	PASS
11N40SISO	Ant1	5755	NV	NT	-17000	-2.953953	20	PASS
			LV	NT	-17000	-2.953953	20	PASS
			HV	NT	-17000	-2.953953	20	PASS
		5795	NV	NT	-17000	-2.933563	20	PASS
			LV	NT	-17000	-2.933563	20	PASS
			HV	NT	-17000	-2.933563	20	PASS
11AC20SISO	Ant1	5745	NV	NT	-17000	-2.959095	20	PASS
			LV	NT	-17000	-2.959095	20	PASS
			HV	NT	-18000	-3.133159	20	PASS
		5785	NV	NT	-17000	-2.938634	20	PASS
			LV	NT	-17000	-2.938634	20	PASS
			HV	NT	-17000	-2.938634	20	PASS
		5825	NV	NT	-17000	-2.918455	20	PASS
			LV	NT	-17000	-2.918455	20	PASS
			HV	NT	-17000	-2.918455	20	PASS
11AC40SISO	Ant1	5755	NV	NT	-16000	-2.780191	20	PASS
			LV	NT	-17000	-2.953953	20	PASS



		5795	HV	NT	-17000	-2.953953	20	PASS
			NV	NT	-17000	-2.933563	20	PASS
			LV	NT	-18000	-3.106126	20	PASS
			HV	NT	-18000	-3.106126	20	PASS
11AC80SI SO	Ant1	5775	NV	NT	-16000	-2.770563	20	PASS
			LV	NT	-17000	-2.943723	20	PASS
			HV	NT	-18000	-3.116883	20	PASS

Temperature								
TestMode	Antenna	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
11A	Ant1	5745	NV	-30	-16000	-2.78503	20	PASS
			NV	-20	-16000	-2.78503	20	PASS
			NV	-10	-16000	-2.78503	20	PASS
			NV	0	-16000	-2.78503	20	PASS
			NV	10	-16000	-2.78503	20	PASS
			NV	20	-16000	-2.78503	20	PASS
			NV	30	-16000	-2.78503	20	PASS
			NV	40	-16000	-2.78503	20	PASS
			NV	50	-16000	-2.78503	20	PASS
		5785	NV	-30	-17000	-2.938634	20	PASS
			NV	-20	-17000	-2.938634	20	PASS
			NV	-10	-17000	-2.938634	20	PASS
			NV	0	-17000	-2.938634	20	PASS
			NV	10	-17000	-2.938634	20	PASS
			NV	20	-17000	-2.938634	20	PASS
			NV	30	-17000	-2.938634	20	PASS
			NV	40	-17000	-2.938634	20	PASS
			NV	50	-17000	-2.938634	20	PASS
		5825	NV	-30	-17000	-2.918455	20	PASS
			NV	-20	-17000	-2.918455	20	PASS
			NV	-10	-17000	-2.918455	20	PASS
			NV	0	-17000	-2.918455	20	PASS
			NV	10	-17000	-2.918455	20	PASS
			NV	20	-17000	-2.918455	20	PASS
			NV	30	-17000	-2.918455	20	PASS
			NV	40	-17000	-2.918455	20	PASS
			NV	50	-17000	-2.918455	20	PASS
11N20SIS O	Ant1	5745	NV	-30	-17000	-2.959095	20	PASS
			NV	-20	-16000	-2.78503	20	PASS
			NV	-10	-17000	-2.959095	20	PASS
			NV	0	-17000	-2.959095	20	PASS
			NV	10	-17000	-2.959095	20	PASS



			NV	20	-17000	-2.959095	20	PASS
			NV	30	-17000	-2.959095	20	PASS
			NV	40	-17000	-2.959095	20	PASS
			NV	50	-17000	-2.959095	20	PASS
		5785	NV	-30	-17000	-2.938634	20	PASS
			NV	-20	-17000	-2.938634	20	PASS
			NV	-10	-17000	-2.938634	20	PASS
			NV	0	-17000	-2.938634	20	PASS
			NV	10	-17000	-2.938634	20	PASS
			NV	20	-17000	-2.938634	20	PASS
			NV	30	-17000	-2.938634	20	PASS
			NV	40	-17000	-2.938634	20	PASS
			NV	50	-17000	-2.938634	20	PASS
		5825	NV	-30	-17000	-2.918455	20	PASS
			NV	-20	-17000	-2.918455	20	PASS
			NV	-10	-17000	-2.918455	20	PASS
			NV	0	-17000	-2.918455	20	PASS
			NV	10	-17000	-2.918455	20	PASS
			NV	20	-17000	-2.918455	20	PASS
			NV	30	-17000	-2.918455	20	PASS
			NV	40	-18000	-3.090129	20	PASS
			NV	50	-17000	-2.918455	20	PASS
11N40SIS O	Ant1	5755	NV	-30	-17000	-2.953953	20	PASS
			NV	-20	-17000	-2.953953	20	PASS
			NV	-10	-17000	-2.953953	20	PASS
			NV	0	-17000	-2.953953	20	PASS
			NV	10	-17000	-2.953953	20	PASS
			NV	20	-17000	-2.953953	20	PASS
			NV	30	-17000	-2.953953	20	PASS
			NV	40	-17000	-2.953953	20	PASS
			NV	50	-17000	-2.953953	20	PASS
		5795	NV	-30	-17000	-2.933563	20	PASS
			NV	-20	-17000	-2.933563	20	PASS
			NV	-10	-17000	-2.933563	20	PASS
			NV	0	-17000	-2.933563	20	PASS
			NV	10	-17000	-2.933563	20	PASS
			NV	20	-17000	-2.933563	20	PASS
			NV	30	-17000	-2.933563	20	PASS
			NV	40	-17000	-2.933563	20	PASS
			NV	50	-17000	-2.933563	20	PASS
11AC20SI SO	Ant1	5745	NV	-30	-17000	-2.959095	20	PASS
			NV	-20	-18000	-3.133159	20	PASS
			NV	-10	-18000	-3.133159	20	PASS



			NV	0	-18000	-3.133159	20	PASS
			NV	10	-17000	-2.959095	20	PASS
			NV	20	-17000	-2.959095	20	PASS
			NV	30	-17000	-2.959095	20	PASS
			NV	40	-17000	-2.959095	20	PASS
			NV	50	-17000	-2.959095	20	PASS
		5785	NV	-30	-17000	-2.938634	20	PASS
			NV	-20	-17000	-2.938634	20	PASS
			NV	-10	-17000	-2.938634	20	PASS
			NV	0	-17000	-2.938634	20	PASS
			NV	10	-17000	-2.938634	20	PASS
			NV	20	-17000	-2.938634	20	PASS
			NV	30	-18000	-3.111495	20	PASS
			NV	40	-17000	-2.938634	20	PASS
			NV	50	-17000	-2.938634	20	PASS
		5825	NV	-30	-18000	-3.090129	20	PASS
			NV	-20	-18000	-3.090129	20	PASS
			NV	-10	-18000	-3.090129	20	PASS
			NV	0	-18000	-3.090129	20	PASS
			NV	10	-18000	-3.090129	20	PASS
			NV	20	-18000	-3.090129	20	PASS
			NV	30	-18000	-3.090129	20	PASS
			NV	40	-18000	-3.090129	20	PASS
			NV	50	-18000	-3.090129	20	PASS
11AC40SI SO	Ant1	5755	NV	-30	-17000	-2.953953	20	PASS
			NV	-20	-17000	-2.953953	20	PASS
			NV	-10	-17000	-2.953953	20	PASS
			NV	0	-17000	-2.953953	20	PASS
			NV	10	-18000	-3.127715	20	PASS
			NV	20	-18000	-3.127715	20	PASS
			NV	30	-18000	-3.127715	20	PASS
			NV	40	-17000	-2.953953	20	PASS
			NV	50	-18000	-3.127715	20	PASS
		5795	NV	-30	-18000	-3.106126	20	PASS
			NV	-20	-18000	-3.106126	20	PASS
			NV	-10	-18000	-3.106126	20	PASS
			NV	0	-18000	-3.106126	20	PASS
			NV	10	-18000	-3.106126	20	PASS
			NV	20	-18000	-3.106126	20	PASS
			NV	30	-18000	-3.106126	20	PASS
			NV	40	-18000	-3.106126	20	PASS
			NV	50	-18000	-3.106126	20	PASS
11AC80SI	Ant1	5775	NV	-30	-18000	-3.116883	20	PASS



SO			NV	-20	-19000	-3.290043	20	PASS
			NV	-10	-19000	-3.290043	20	PASS
			NV	0	-19000	-3.290043	20	PASS
			NV	10	-20000	-3.463203	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	-21000	-3.636364	20	PASS



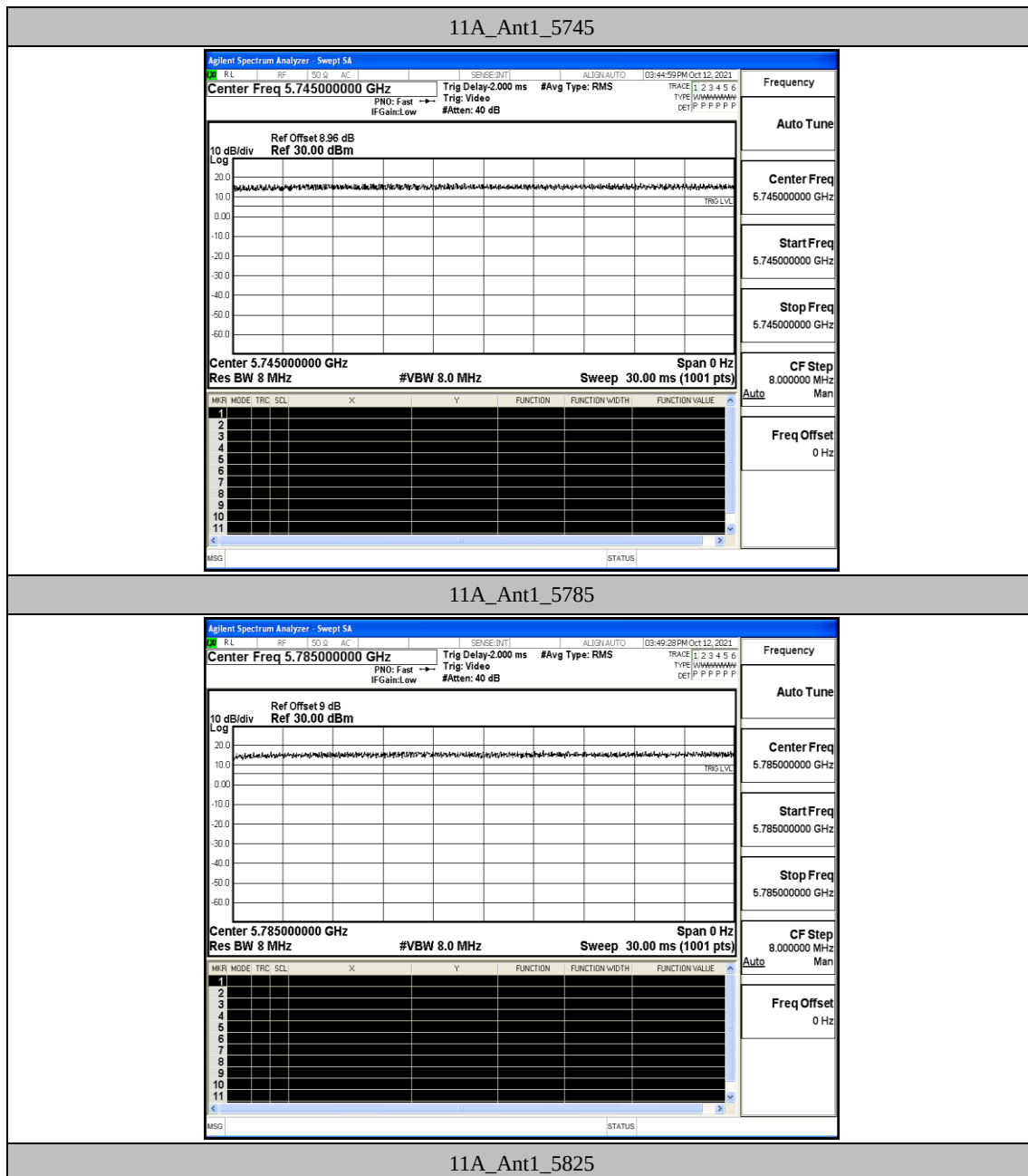
F.6 Duty Cycle

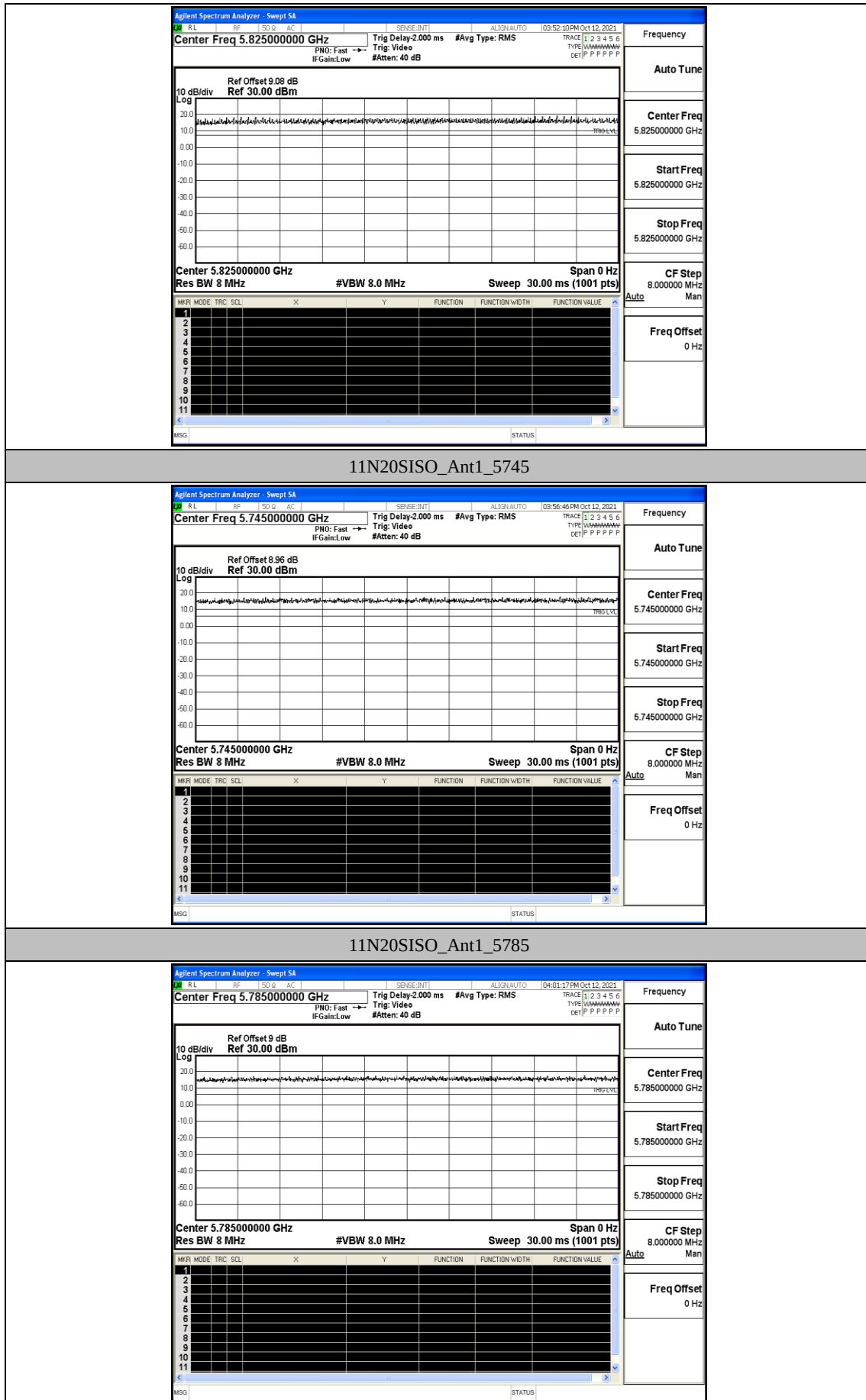
Test Result

TestMode	Antenna	Channel	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	Limit	Verdict
11A	Ant1	5745	30.00	30.00	100.00	---	PASS
		5785	30.00	30.00	100.00	---	PASS
		5825	30.00	30.00	100.00	---	PASS
11N20SISO	Ant1	5745	30.00	30.00	100.00	---	PASS
		5785	30.00	30.00	100.00	---	PASS
		5825	30.00	30.00	100.00	---	PASS
11N40SISO	Ant1	5755	30.00	30.00	100.00	---	PASS
		5795	30.00	30.00	100.00	---	PASS
11AC20SISO	Ant1	5745	30.00	30.00	100.00	---	PASS
		5785	30.00	30.00	100.00	---	PASS
		5825	30.00	30.00	100.00	---	PASS
11AC40SISO	Ant1	5755	30.00	30.00	100.00	---	PASS
		5795	30.00	30.00	100.00	---	PASS
11AC80SISO	Ant1	5775	30.00	30.00	100.00	---	PASS



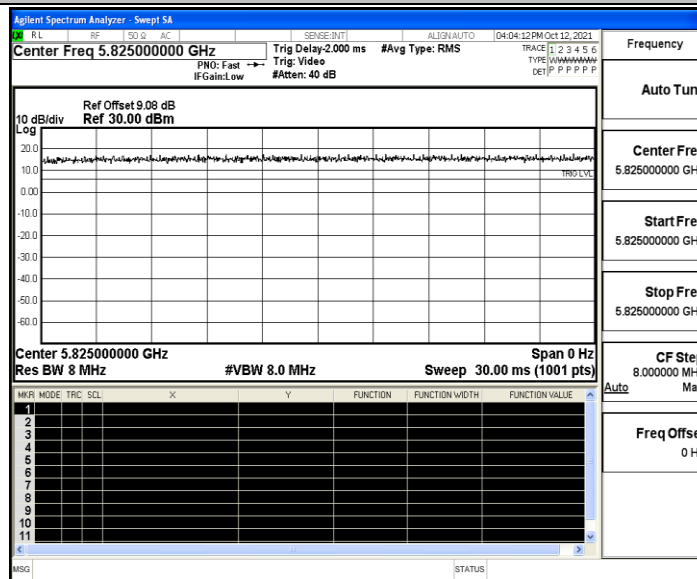
Test Graphs



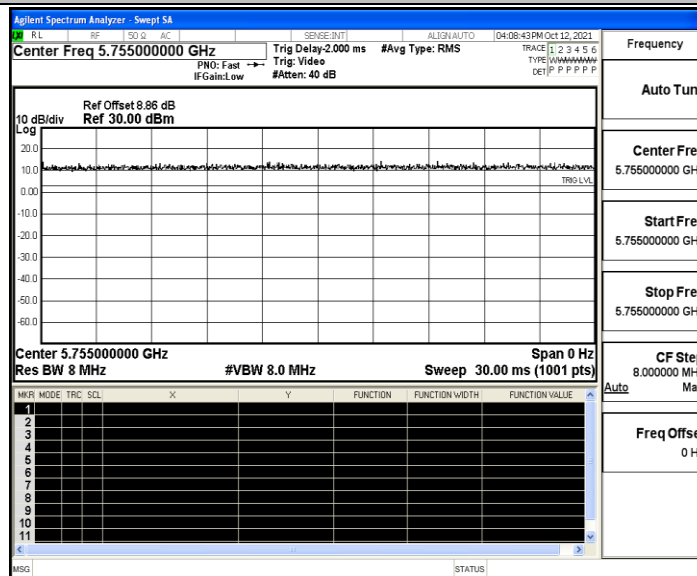




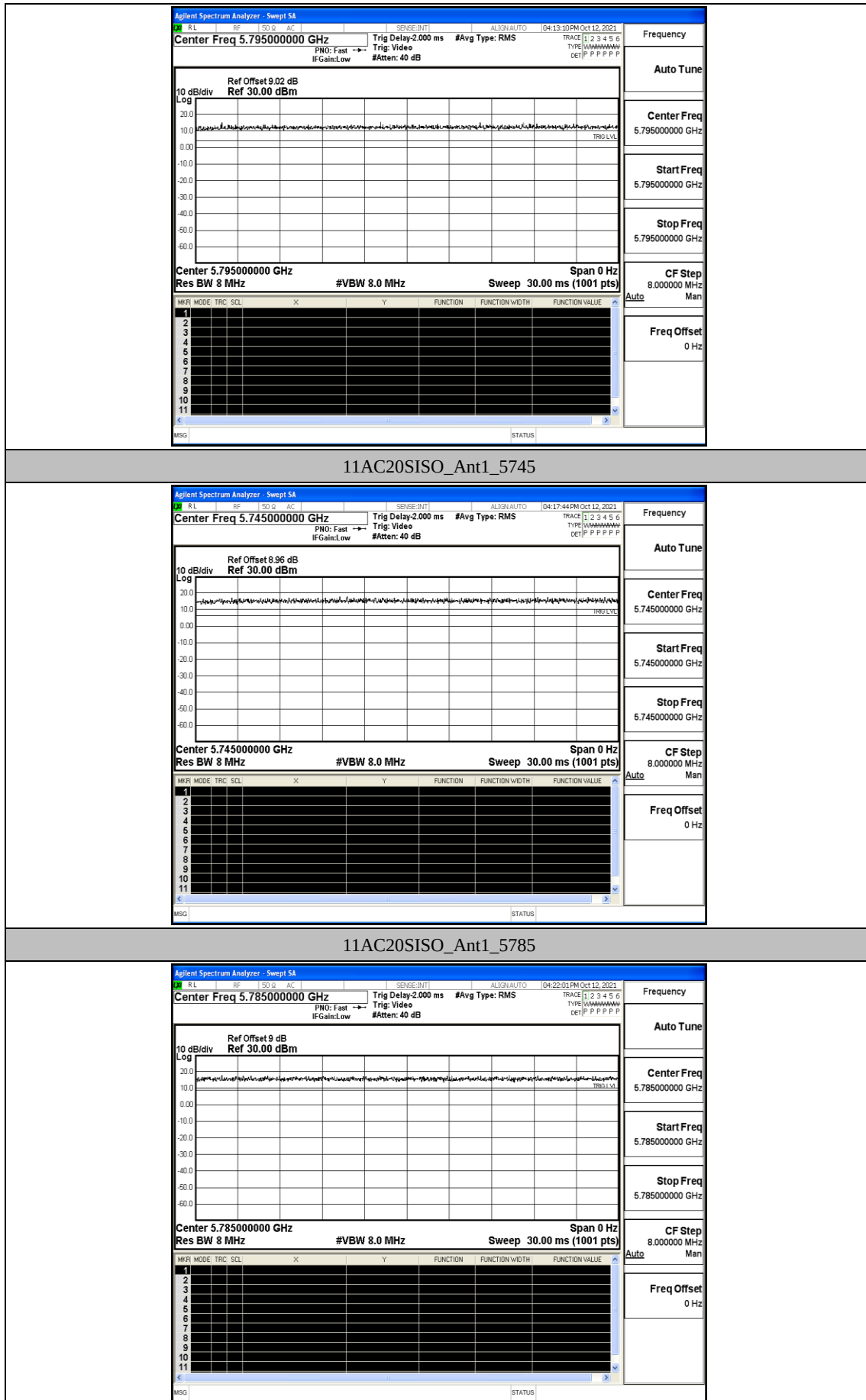
11N20SISO_Ant1_5825



11N40SISO_Ant1_5755

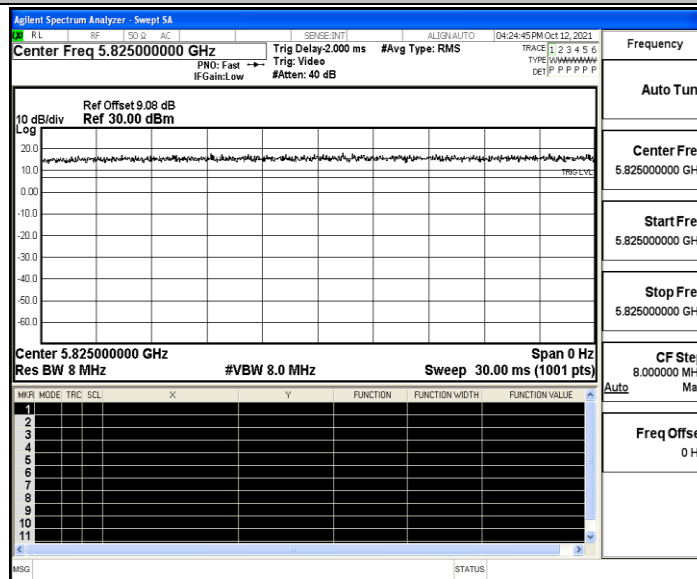


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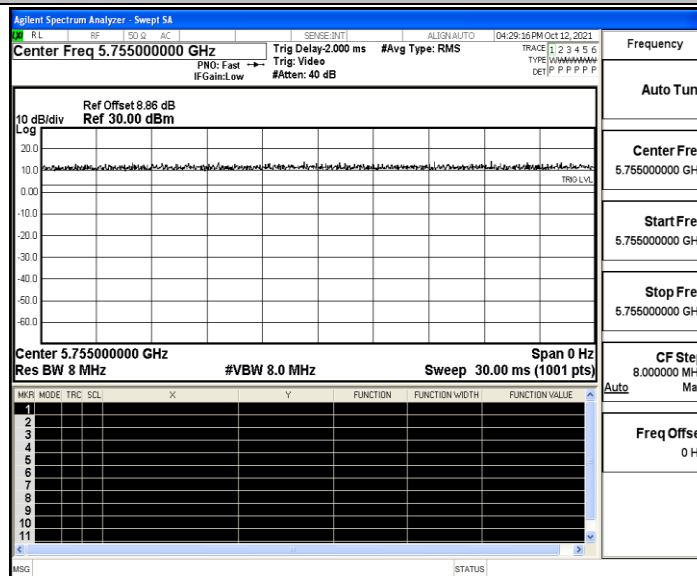




11AC20SISO_Ant1_5825



11AC40SISO_Ant1_5755



11AC40SISO_Ant1_5795

