



Appendix E

RF Test Data for 5.8G WIFI (Conducted Measurement)

Product Name: HYBOOK_PLUS

Test Model: 14CB7S01

Environmental Conditions

Temperature:	22.5° C
Relative Humidity:	53.5%
ATM Pressure:	100.0 kPa
Test Engineer:	Ling Zhu
Supervised by:	Li Huan



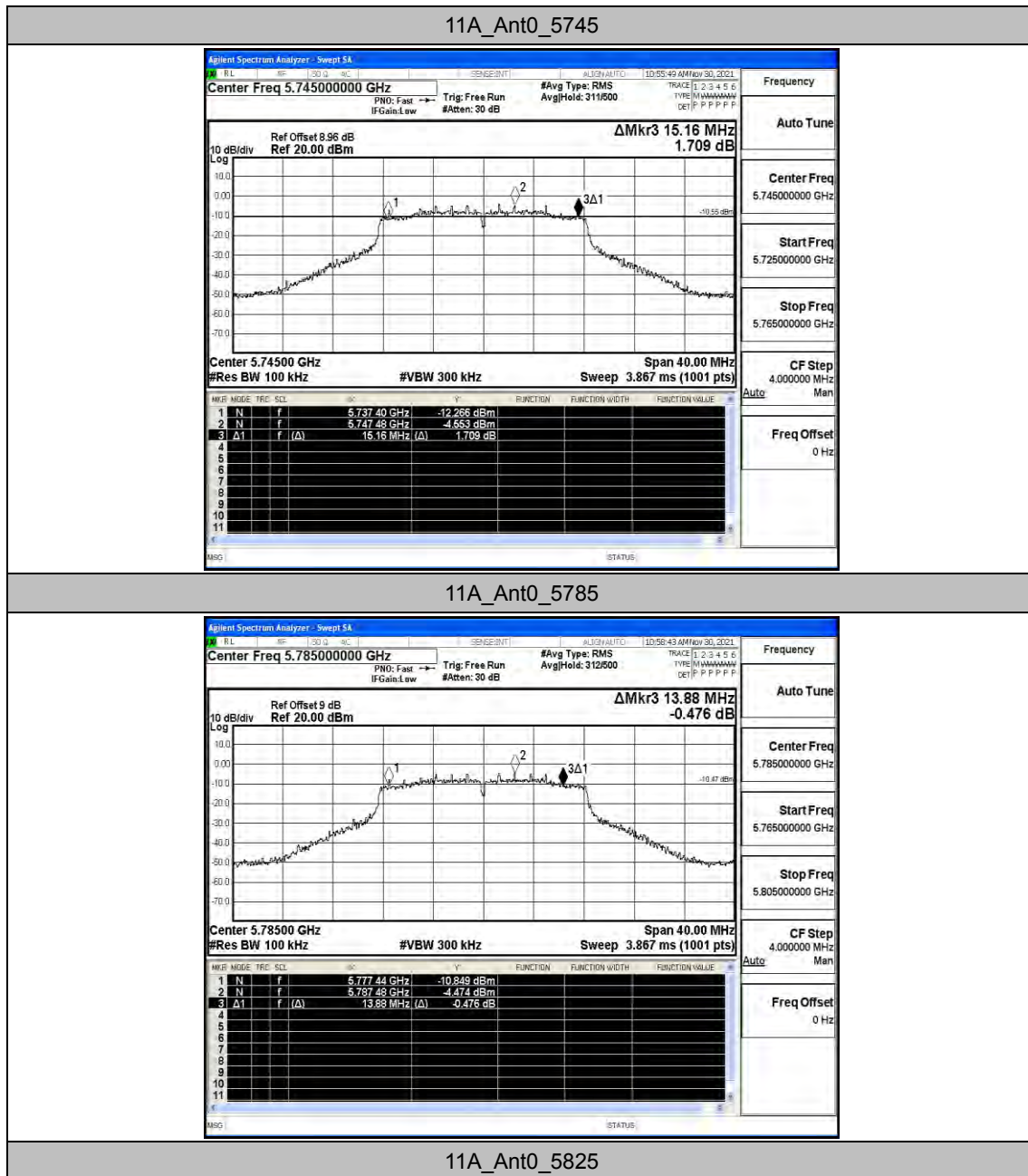
E.1 6dB Bandwidth

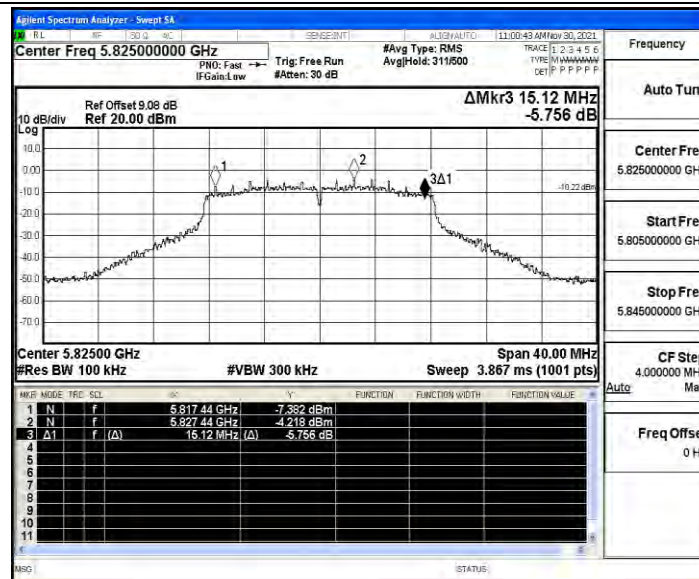
Test Result

TestMode	Antenna	Channel	6db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant0	5745	15.160	5737.400	5752.560	0.5	PASS
		5785	13.880	5777.440	5791.320	0.5	PASS
		5825	15.120	5817.440	5832.560	0.5	PASS
11N20SISO	Ant0	5745	15.200	5737.400	5752.600	0.5	PASS
		5785	15.120	5777.440	5792.560	0.5	PASS
		5825	13.880	5818.640	5832.520	0.5	PASS
11N40SISO	Ant0	5755	35.280	5737.320	5772.600	0.5	PASS
		5795	35.200	5777.320	5812.520	0.5	PASS
11AC20SISO	Ant0	5745	12.680	5738.640	5751.320	0.5	PASS
		5785	15.080	5777.440	5792.520	0.5	PASS
		5825	15.120	5817.400	5832.520	0.5	PASS
11AC40SISO	Ant0	5755	35.200	5737.400	5772.600	0.5	PASS
		5795	35.200	5777.400	5812.600	0.5	PASS
11AC80SISO	Ant0	5775	75.520	5737.240	5812.760	0.5	PASS

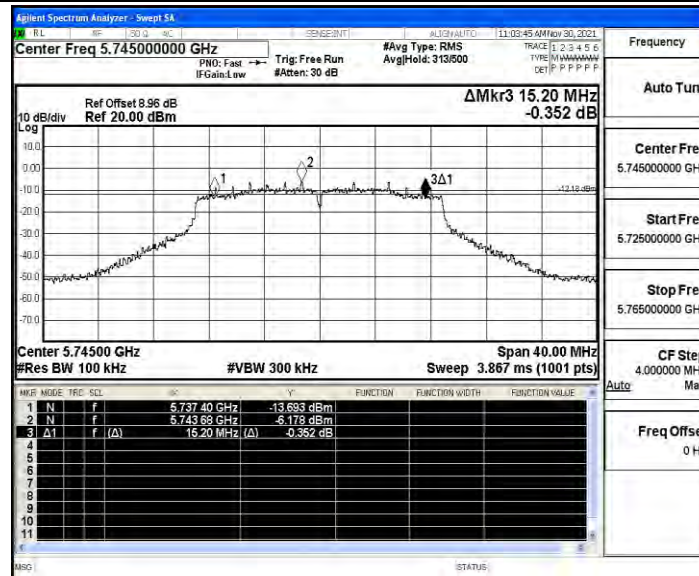


Test Graphs

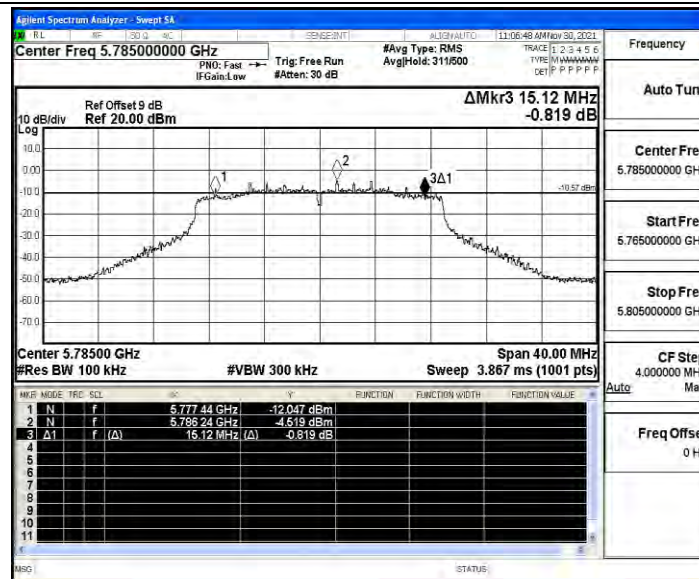




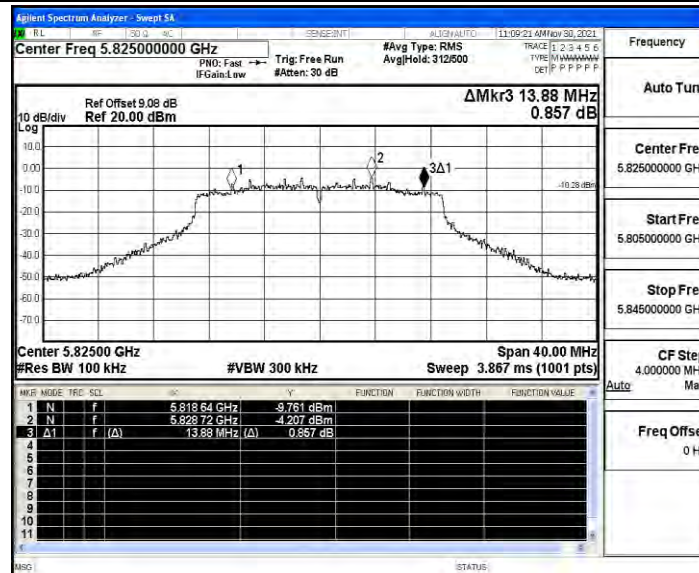
11N20SISO_Ant0_5745



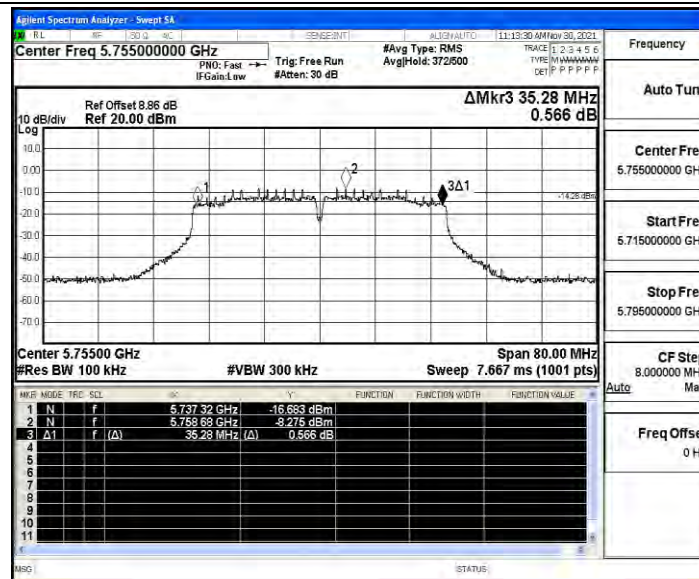
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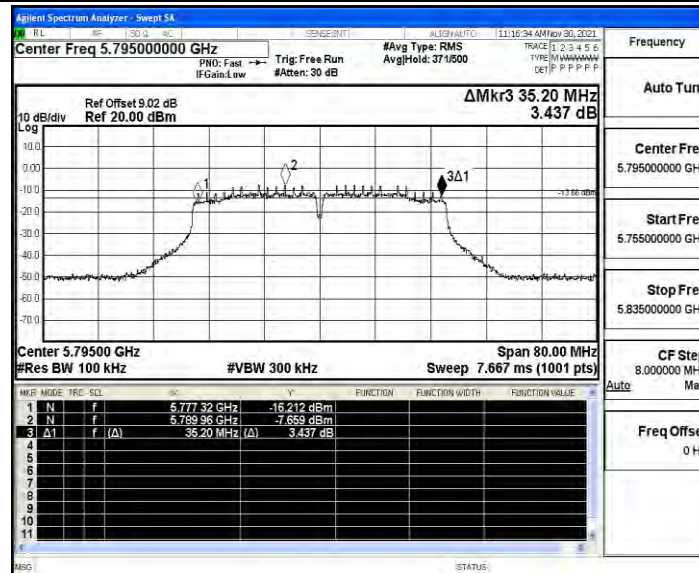
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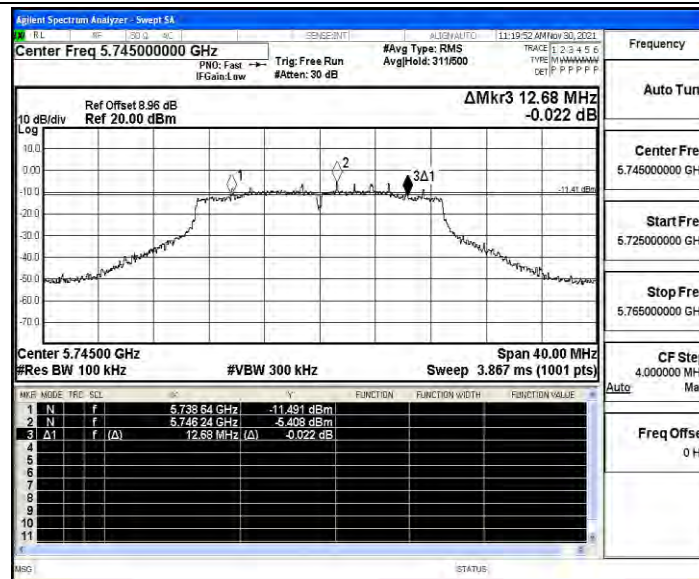
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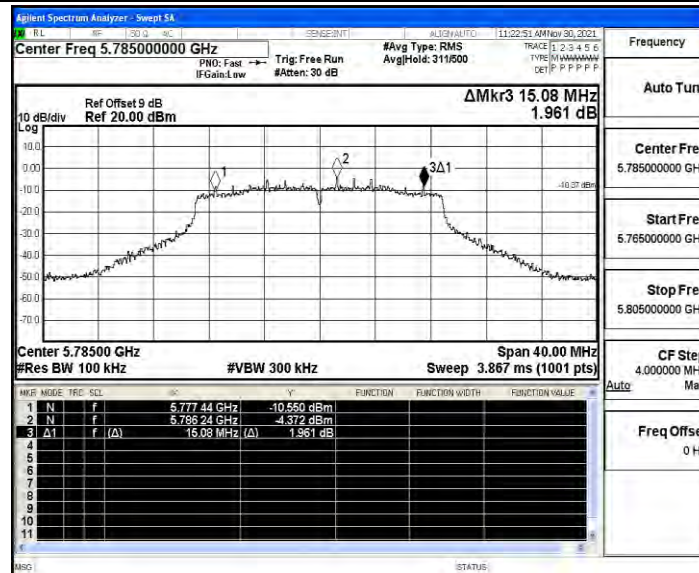
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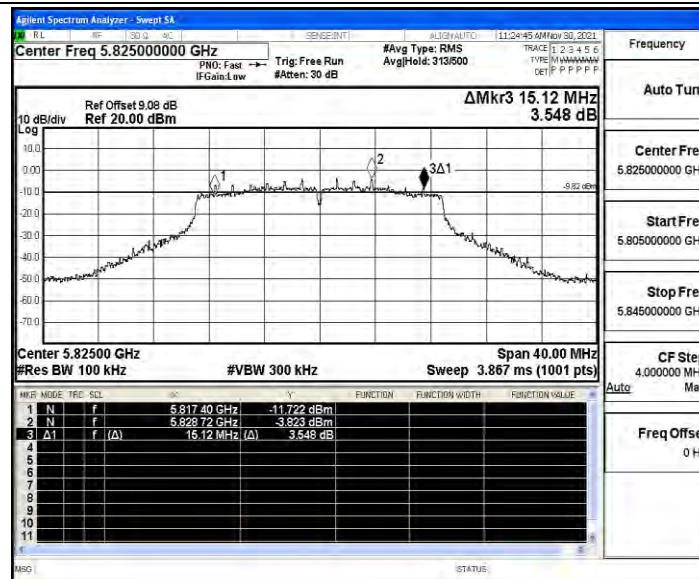
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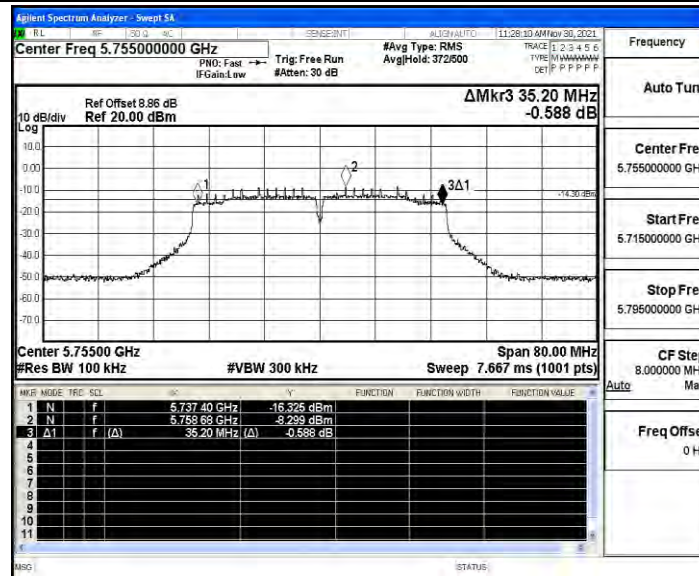
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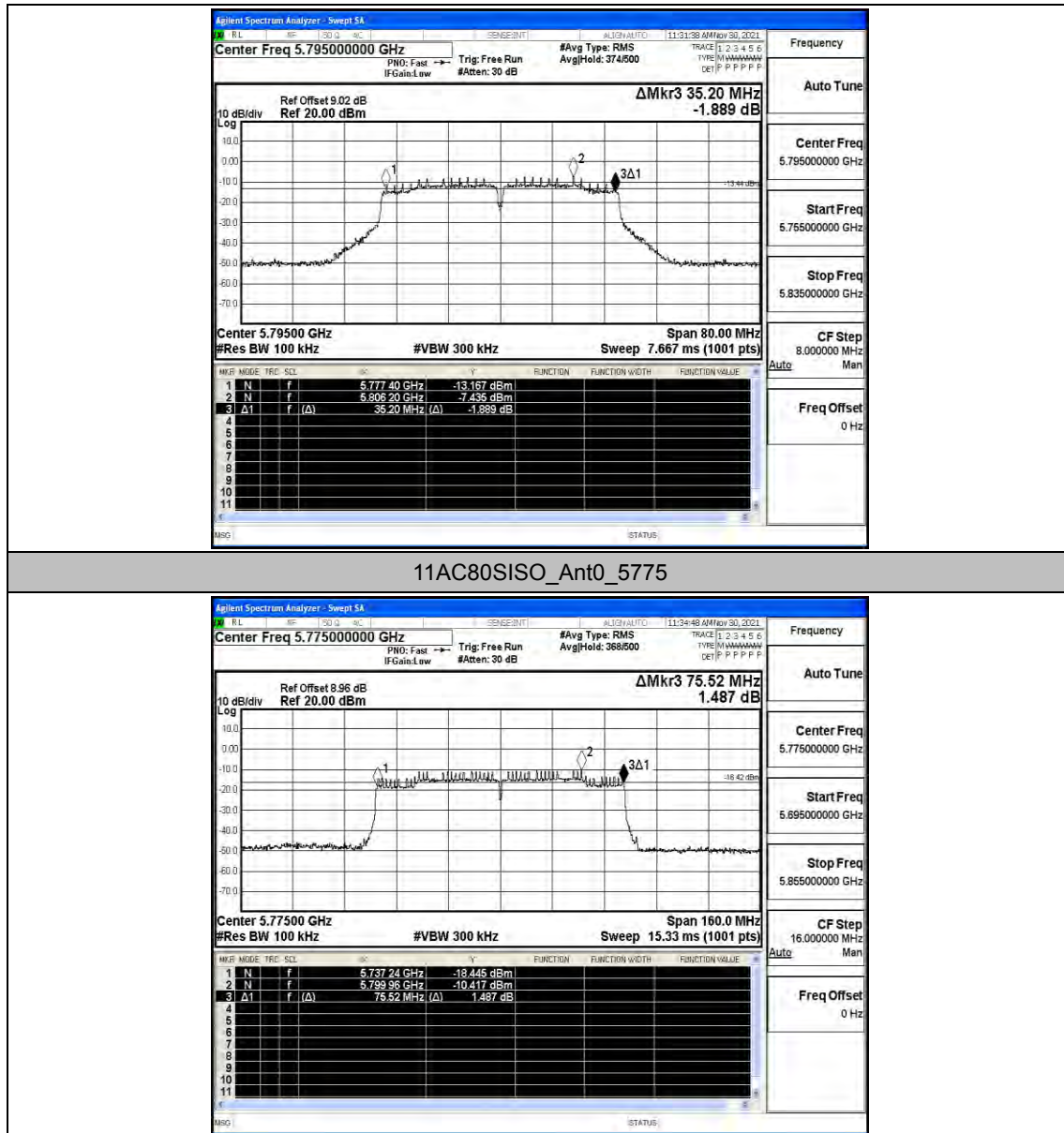
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11AC40SISO_Ant0_5755



11AC40SISO_Ant0_5795

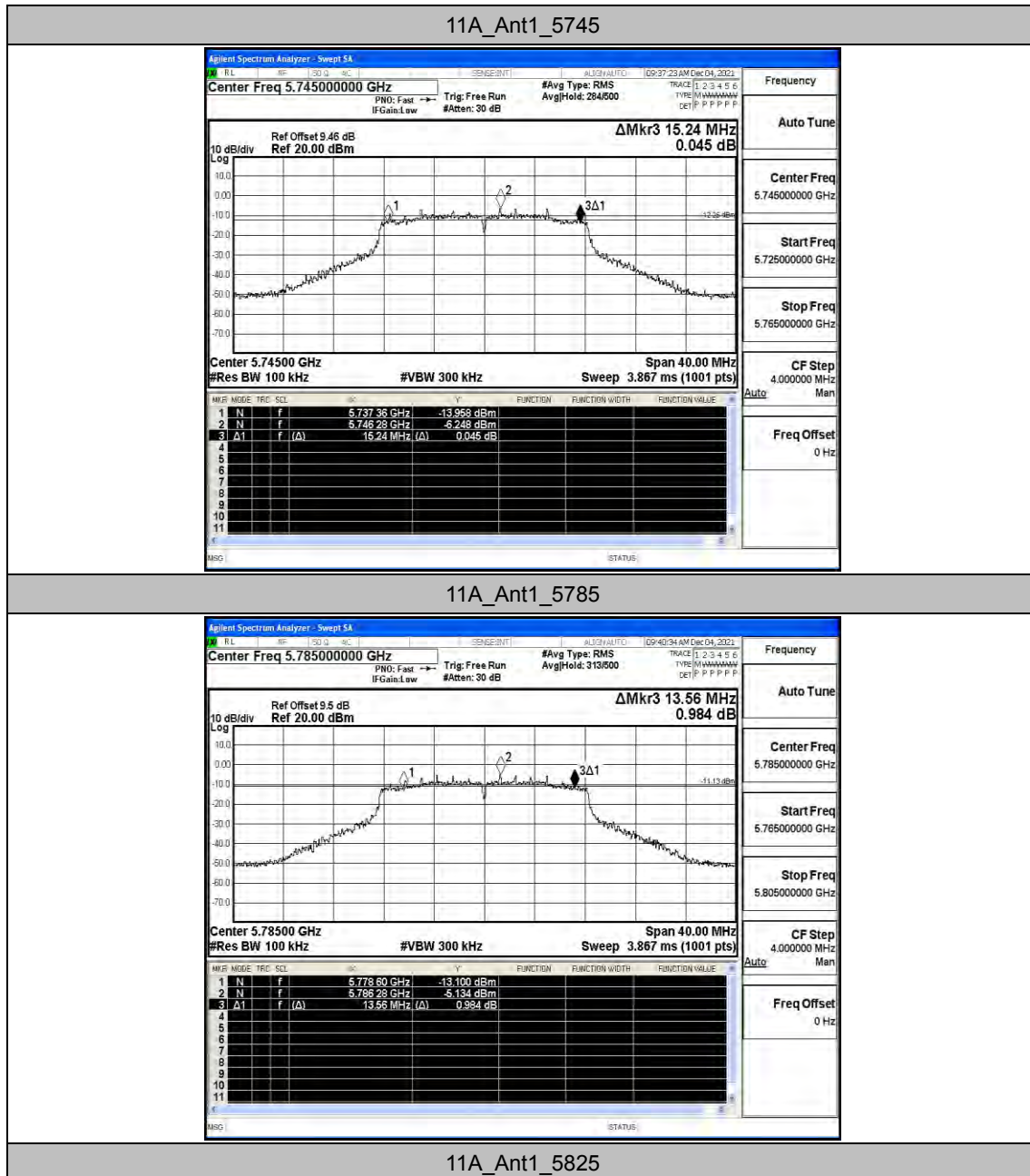


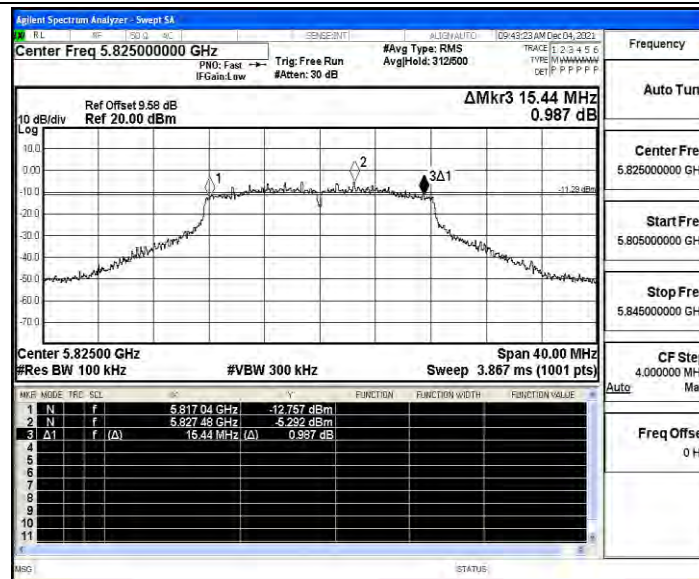
TestMode	Antenna	Channel	6db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5745	15.240	5737.360	5752.600	0.5	PASS
		5785	13.560	5778.600	5792.160	0.5	PASS
		5825	15.440	5817.040	5832.480	0.5	PASS
11N20SISO	Ant1	5745	15.160	5737.360	5752.520	0.5	PASS
		5785	15.160	5777.400	5792.560	0.5	PASS
		5825	15.080	5817.440	5832.520	0.5	PASS
11N40SISO	Ant1	5755	35.280	5737.320	5772.600	0.5	PASS
		5795	35.280	5777.320	5812.600	0.5	PASS
11AC20SISO	Ant1	5745	13.960	5737.560	5751.520	0.5	PASS
		5785	15.080	5777.400	5792.480	0.5	PASS
		5825	15.200	5817.360	5832.560	0.5	PASS



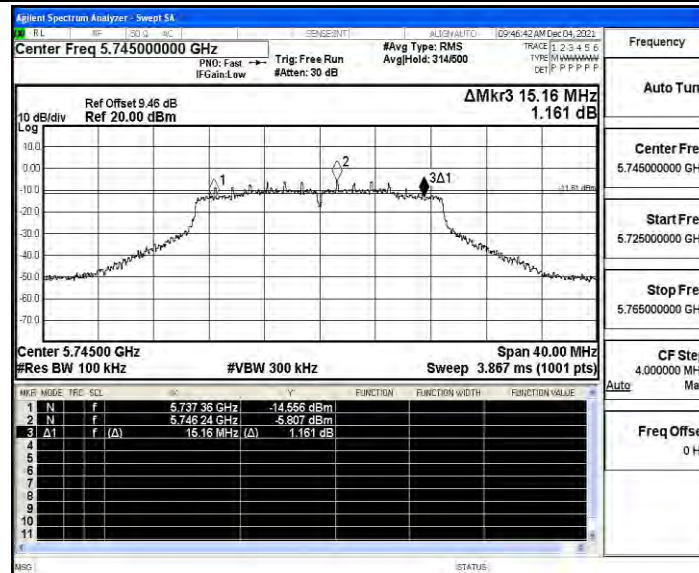
11AC40SISO	Ant1	5755	35.280	5737.320	5772.600	0.5	PASS
		5795	35.200	5777.400	5812.600	0.5	PASS
11AC80SISO	Ant1	5775	75.520	5737.240	5812.760	0.5	PASS

Test Graphs

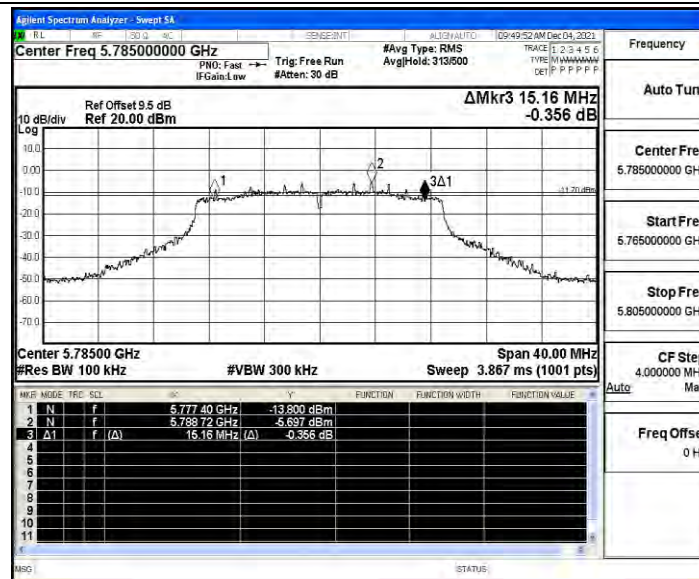




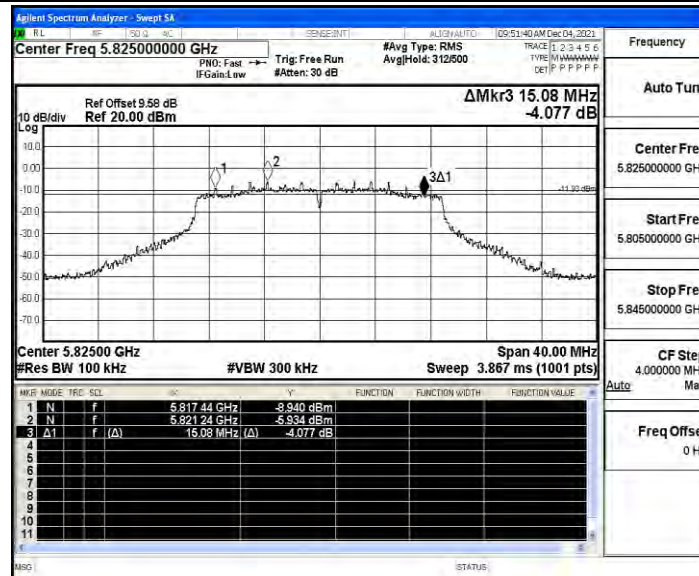
11N20SISO_Ant1_5745



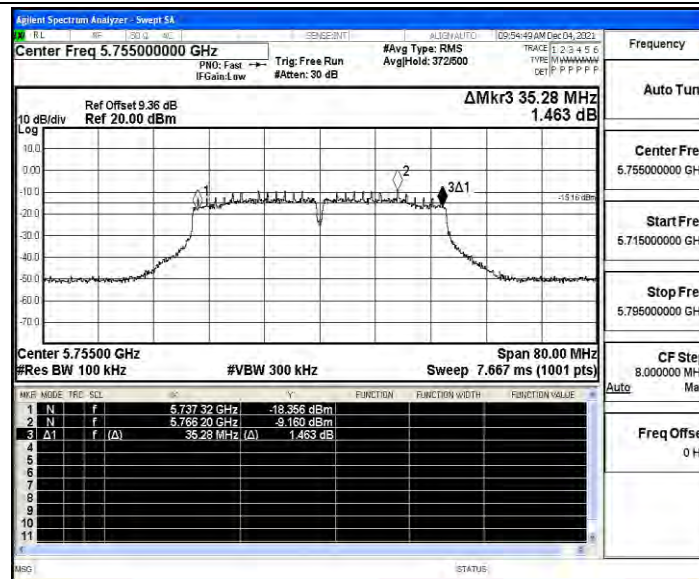
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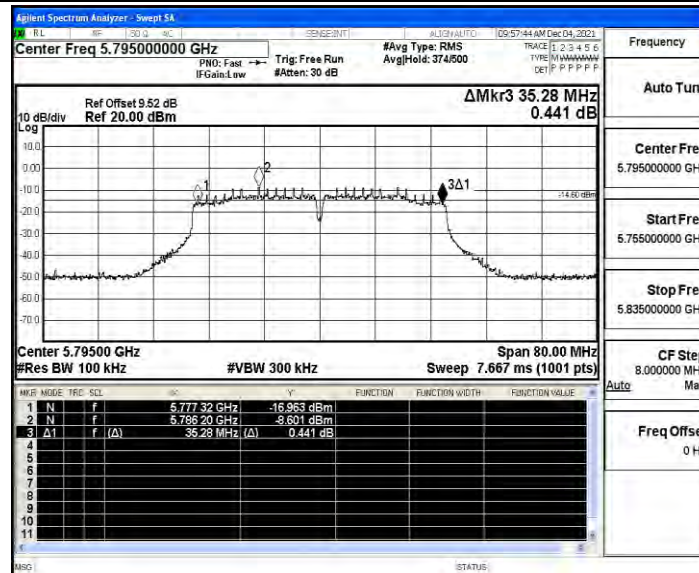
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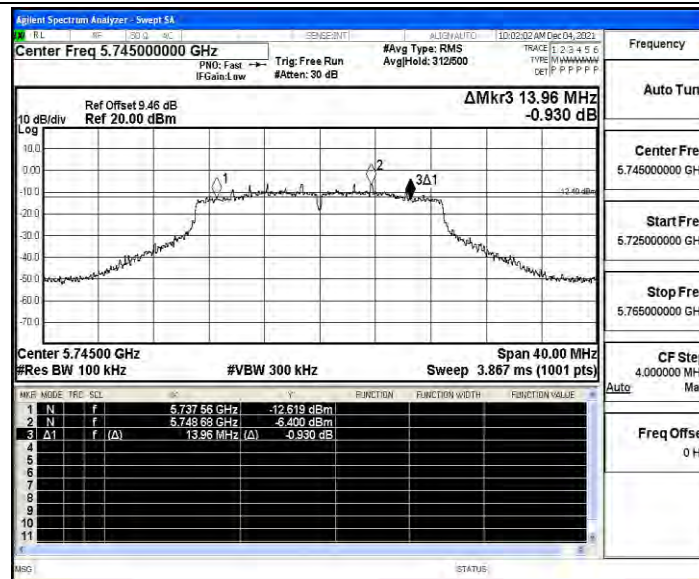
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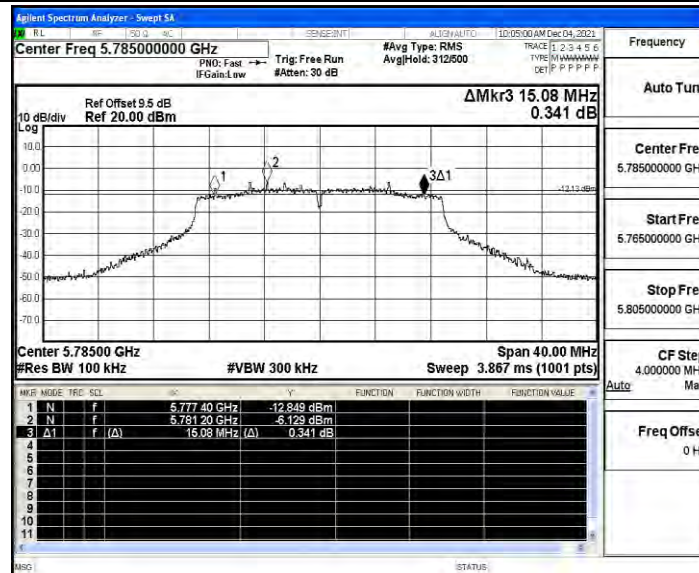
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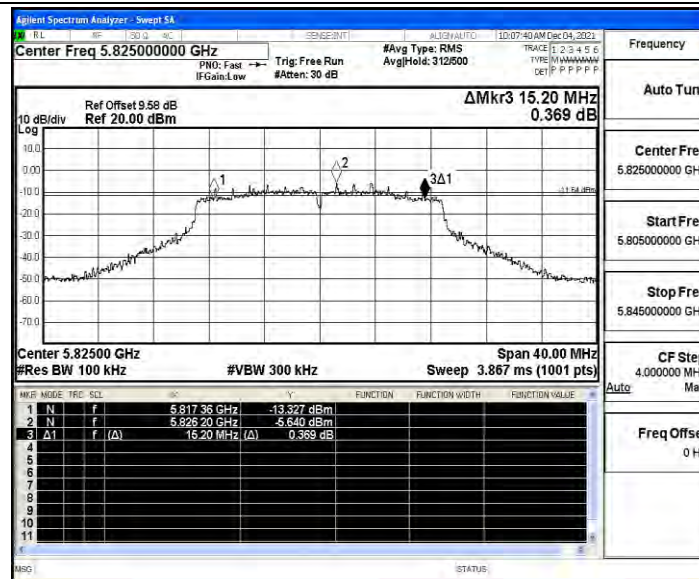
11AC20SISO_Ant1_5745



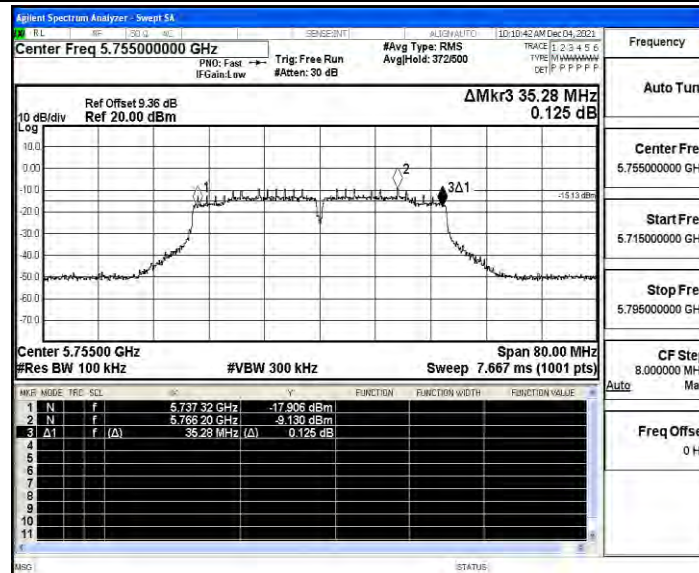
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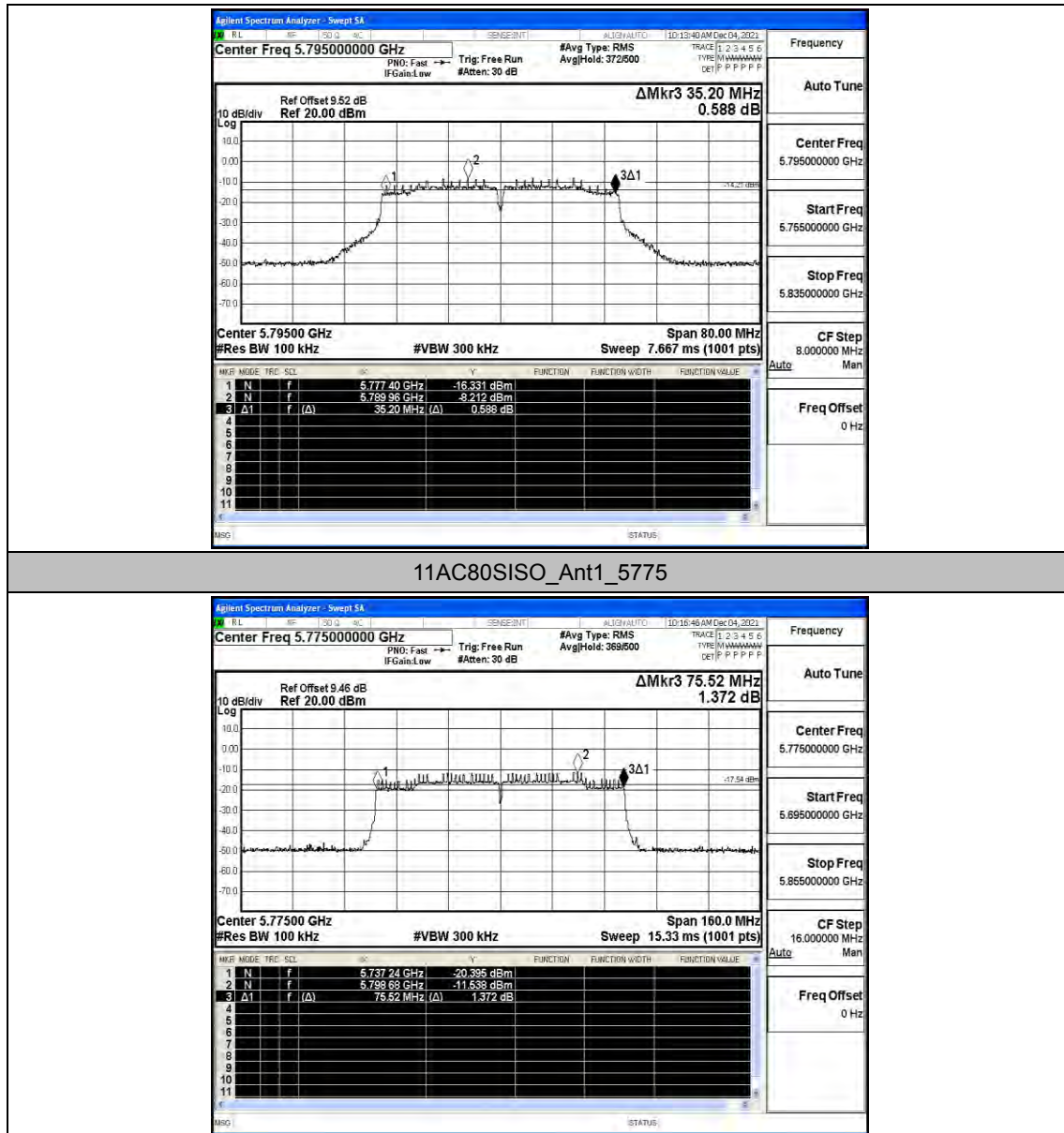
11AC20SISO_Ant1_5825



11AC40SISO_Ant1_5755



11AC40SISO_Ant1_5795





E.2 Maximum conducted output power

Test Result

TestMode	Antenna	Channel	Result[dBm]	Limit[dBm]	Verdict
11A	Ant0	5745	5.23	≤30	PASS
		5785	5.92	≤30	PASS
		5825	5.44	≤30	PASS
11N20SISO	Ant0	5745	3.21	≤30	PASS
		5785	3.89	≤30	PASS
		5825	3.87	≤30	PASS
11N40SISO	Ant0	5755	3.52	≤30	PASS
		5795	3.92	≤30	PASS
11AC20SISO	Ant0	5745	3.49	≤30	PASS
		5785	3.77	≤30	PASS
		5825	3.91	≤30	PASS
11AC40SISO	Ant0	5755	3.39	≤30	PASS
		5795	3.89	≤30	PASS
11AC80SISO	Ant0	5775	3.91	≤30	PASS

TestMode	Antenna	Channel	Result[dBm]	Limit[dBm]	Verdict
11A	Ant1	5745	4.98	≤30	PASS
		5785	5.60	≤30	PASS
		5825	5.91	≤30	PASS
11N20SISO	Ant1	5745	3.45	≤30	PASS
		5785	3.77	≤30	PASS
		5825	3.45	≤30	PASS
11N40SISO	Ant1	5755	3.47	≤30	PASS
		5795	3.72	≤30	PASS
11AC20SISO	Ant1	5745	3.31	≤30	PASS
		5785	3.53	≤30	PASS
		5825	3.97	≤30	PASS
11AC40SISO	Ant1	5755	3.35	≤30	PASS
		5795	3.92	≤30	PASS
11AC80SISO	Ant1	5775	3.63	≤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
11N20	149	5745	3.21	3.45	6.34	≤30	Pass
	157	5785	3.89	3.77	6.84		Pass
	165	5825	3.87	3.45	6.68		Pass
11N40	151	5755	3.52	3.47	6.51	≤30	Pass
	159	5795	3.92	3.72	6.83		Pass
11AC20	149	5745	3.49	3.31	6.41	≤30	Pass
	157	5785	3.77	3.53	6.66		Pass
	165	5825	3.91	3.97	6.95		Pass
11AC40	151	5755	3.39	3.35	6.38	≤30	Pass
	159	5795	3.89	3.92	6.92		Pass
11AC80	155	5775	3.91	3.63	6.78	≤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	-7.19	≤30	PASS
		5785	-6.43	≤30	PASS
		5825	-6.96	≤30	PASS
11N20SISO	Ant0	5745	-8.85	≤30	PASS
		5785	-7.69	≤30	PASS
		5825	-7.23	≤30	PASS
11N40SISO	Ant0	5755	-11.31	≤30	PASS
		5795	-10.74	≤30	PASS
11AC20SISO	Ant0	5745	-8.4	≤30	PASS
		5785	-7.36	≤30	PASS
		5825	-6.9	≤30	PASS
11AC40SISO	Ant0	5755	-12.03	≤30	PASS
		5795	-10.47	≤30	PASS
11AC80SISO	Ant0	5775	-13.87	≤30	PASS

TestMode	Antenna	Channel	Result [dBm/MHz]	Limit[dBm/MHz]	Verdict
11A	Ant1	5745	-8.27	≤30	PASS
		5785	-7.72	≤30	PASS
		5825	-7.41	≤30	PASS
11N20SISO	Ant1	5745	-8.57	≤30	PASS
		5785	-8.2	≤30	PASS
		5825	-7.58	≤30	PASS
11N40SISO	Ant1	5755	-11.9	≤30	PASS
		5795	-10.74	≤30	PASS
11AC20SISO	Ant1	5745	-8.71	≤30	PASS
		5785	-8.38	≤30	PASS
		5825	-7.85	≤30	PASS
11AC40SISO	Ant1	5755	-11.97	≤30	PASS
		5795	-10.83	≤30	PASS
11AC80SISO	Ant1	5775	-14.52	≤30	PASS



MIMO

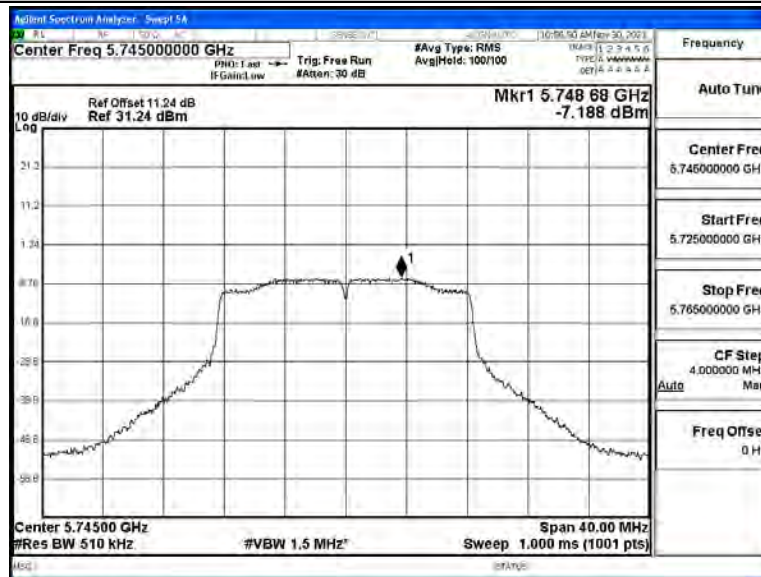
Test Mode	Channel	Frequency (MHz)	ANT 0 Power Density (dBm/500KHz)	ANT 1 Power Density (dBm/500KHz)	MIMO Power Density (dBm/500KHz)	Report Power Density (dBm/500KHz)	Verdict
11N20	149	5745	-8.85	-8.57	-5.70	≤30	Pass
	157	5785	-7.69	-8.2	-4.93		Pass
	165	5825	-7.23	-7.58	-4.39		Pass
11N40	151	5755	-11.31	-11.9	-8.58	≤30	Pass
	159	5795	-10.74	-10.74	-7.73		Pass
11AC20	149	5745	-8.4	-8.71	-5.54	≤30	Pass
	157	5785	-7.36	-8.38	-4.83		Pass
	165	5825	-6.9	-7.85	-4.34		Pass
11AC40	151	5755	-12.03	-11.97	-8.99	≤30	Pass
	159	5795	-10.47	-10.83	-7.64		Pass
11AC80	155	5775	-13.87	-14.52	-11.17	≤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.

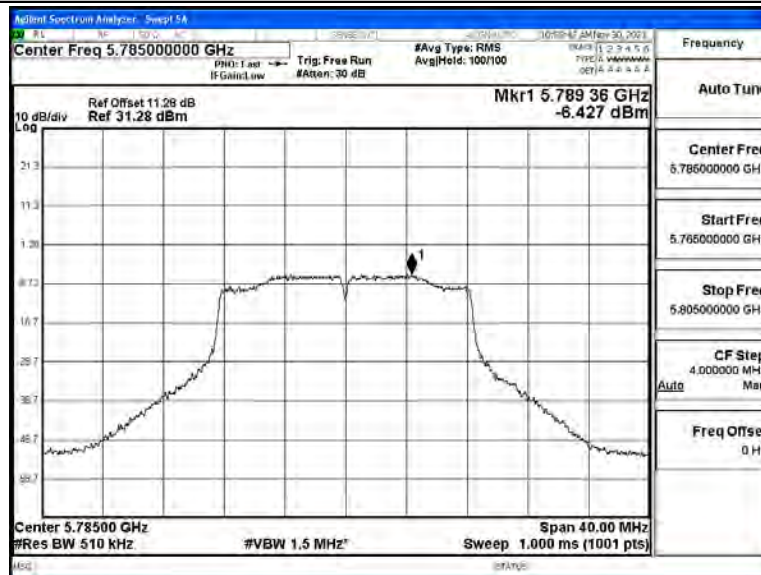


Test Graphs

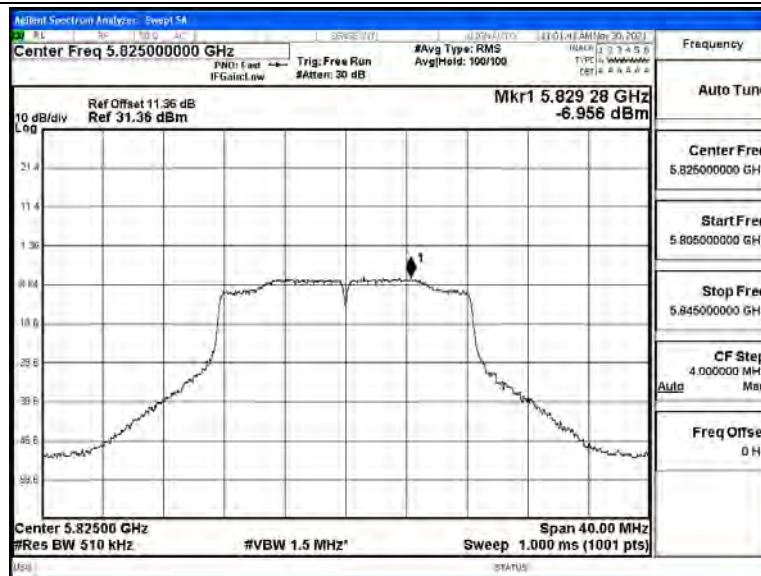
11A_Ant0_5745



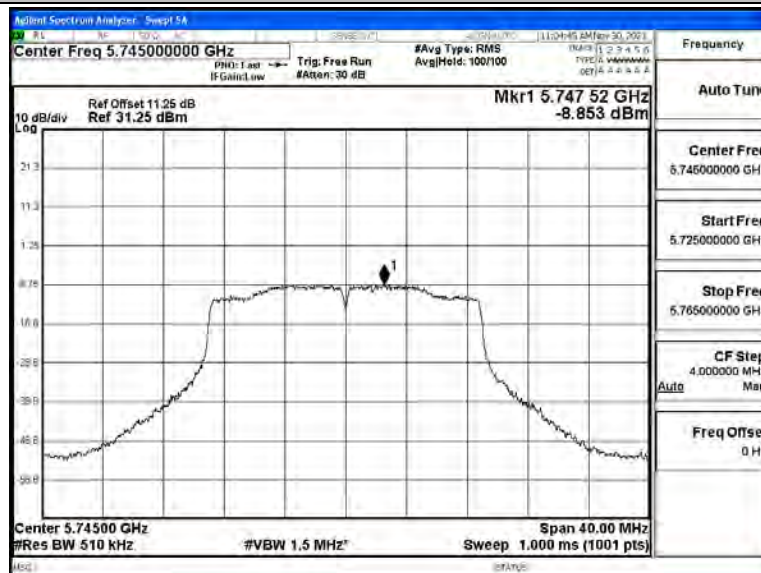
11A_Ant0_5785



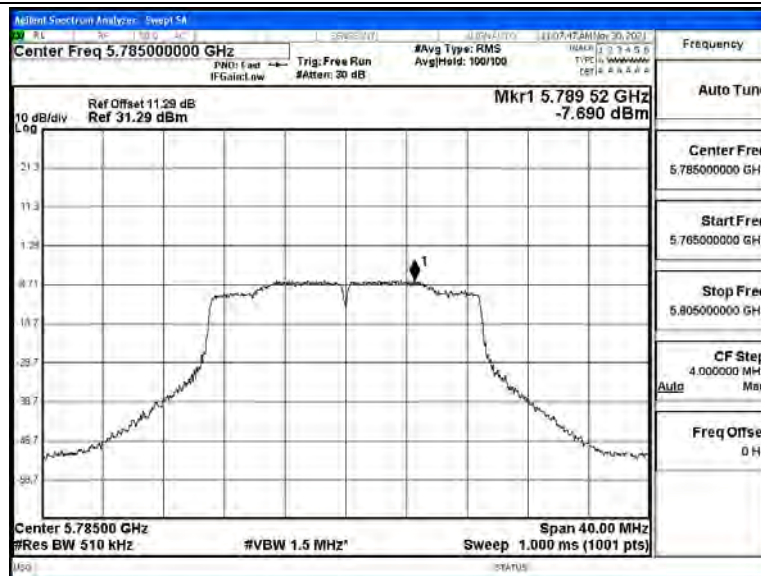
11A_Ant0_5825



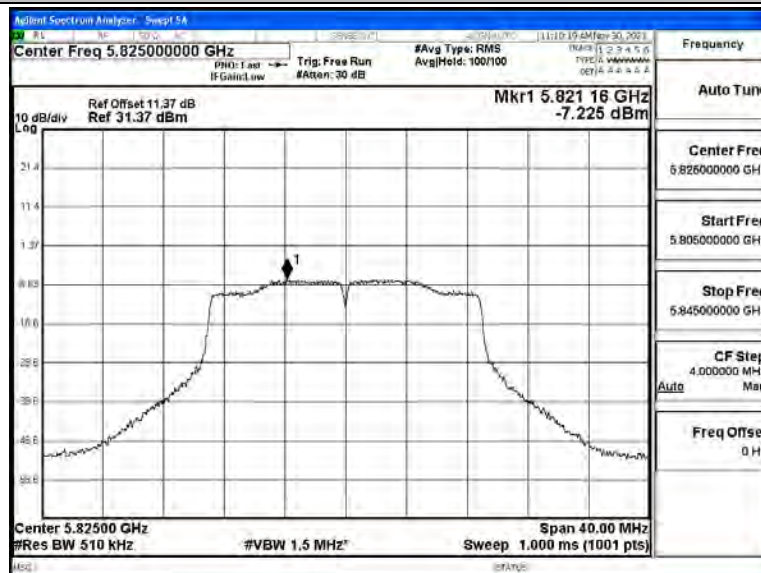
11N20SISO_Ant0_5745



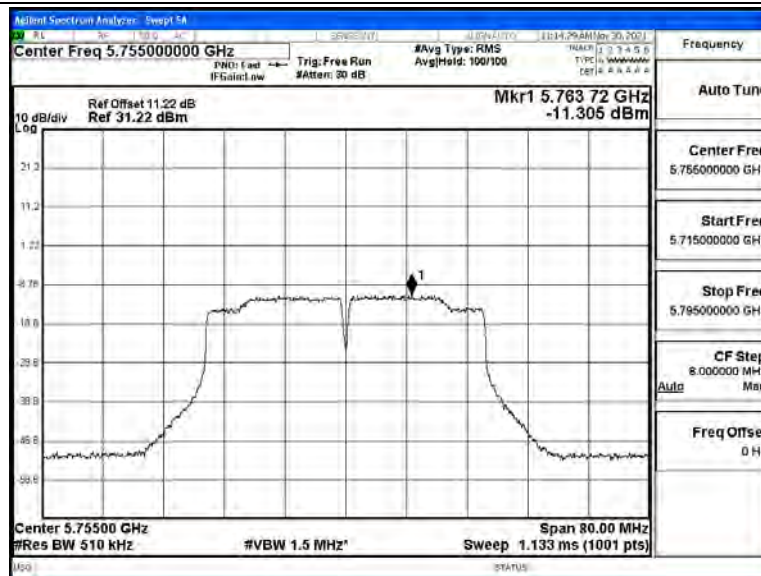
11N20SISO_Ant0_5785

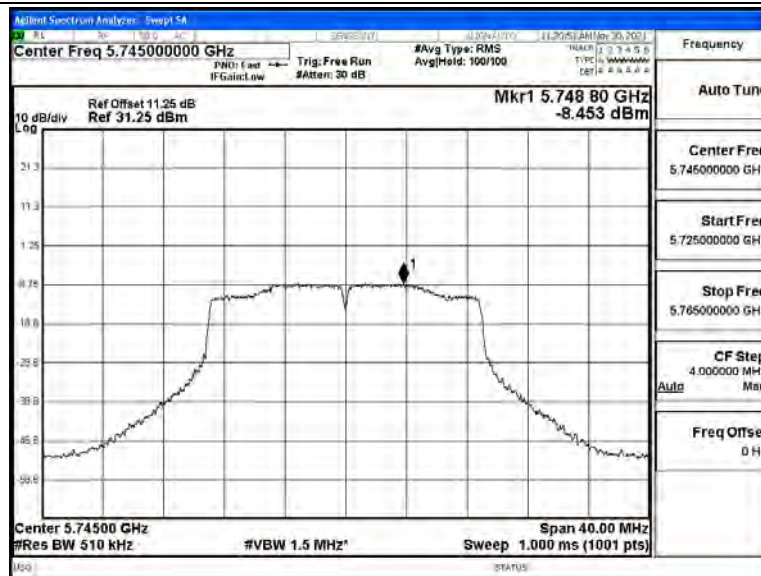


11N20SISO_Ant0_5825

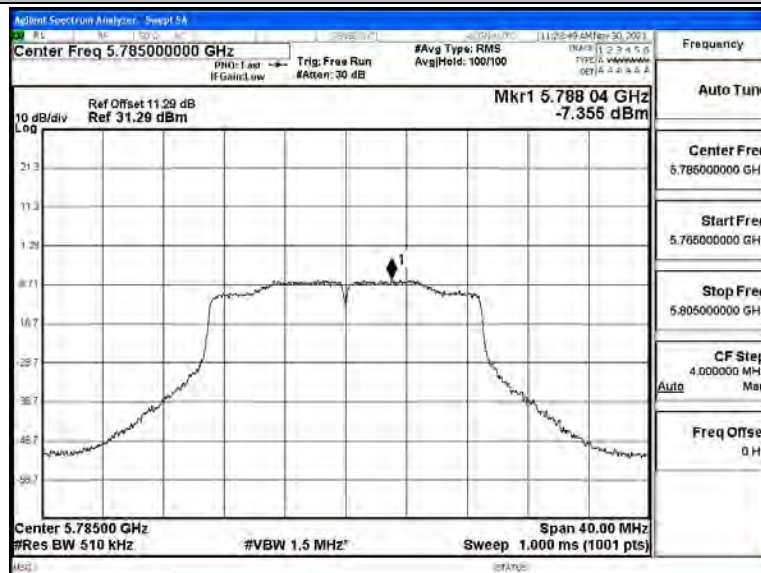


11N40SISO_Ant0_5755

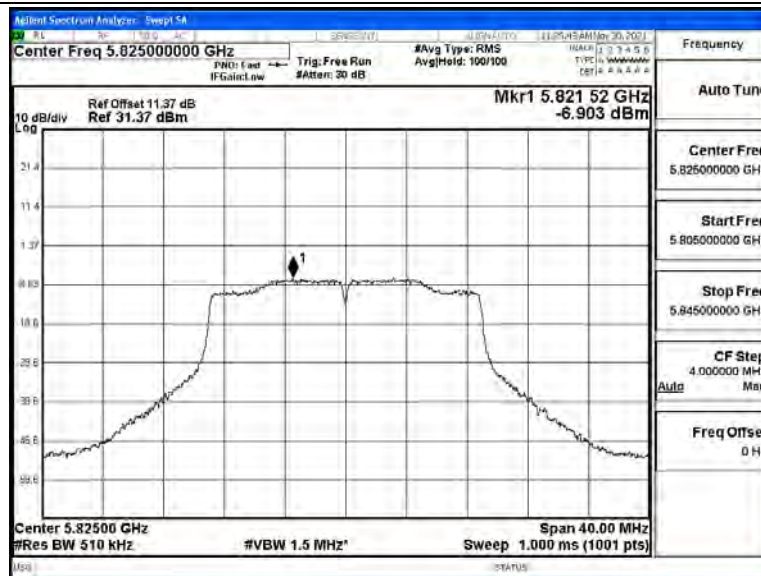




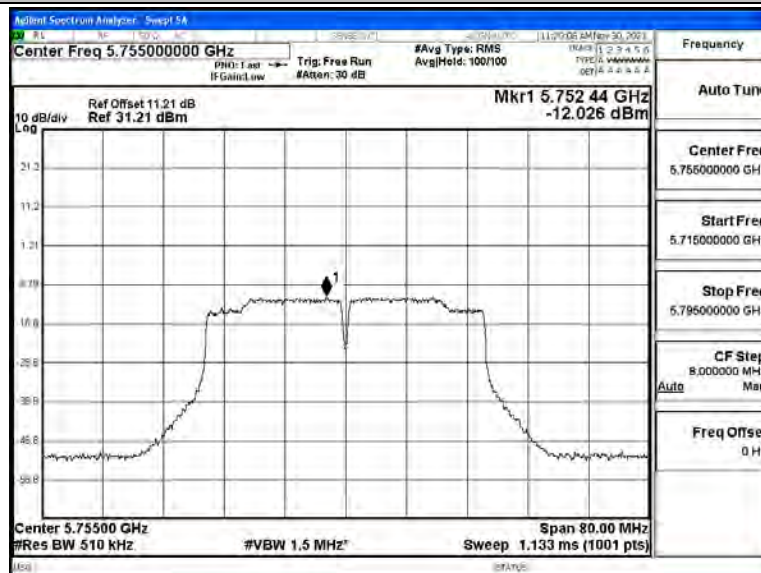
11AC20SISO_Ant0_5785



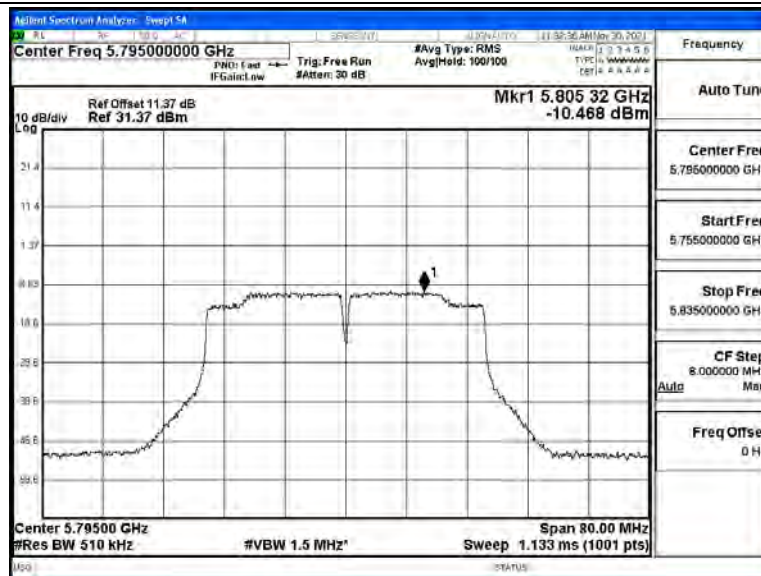
11AC20SISO_Ant0_5825



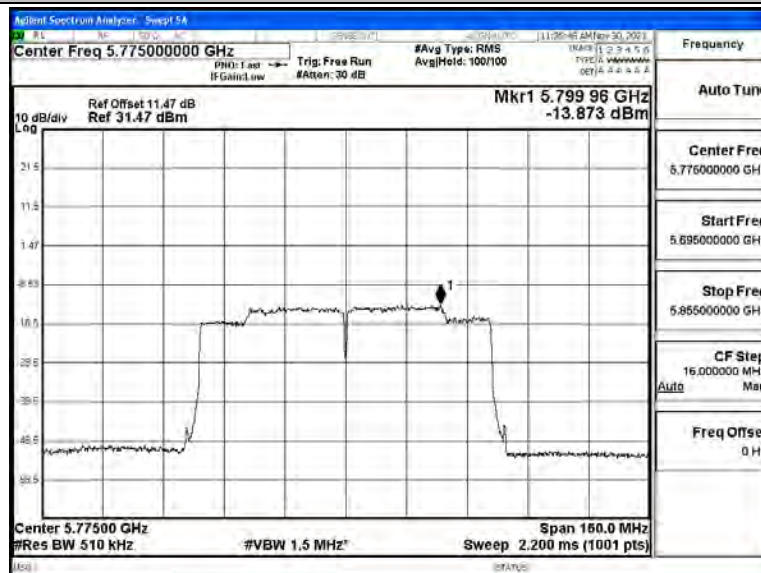
11AC40SISO_Ant0_5755



11AC40SISO_Ant0_5795



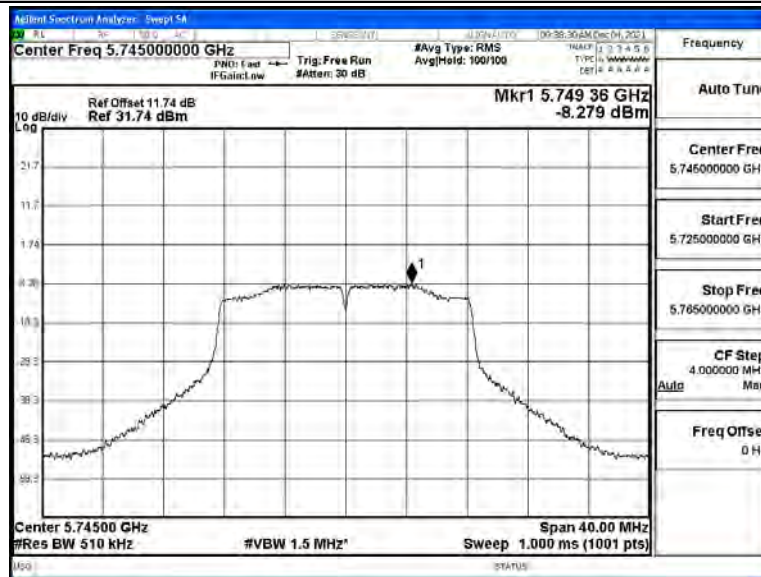
11AC80SISO_Ant0_5775



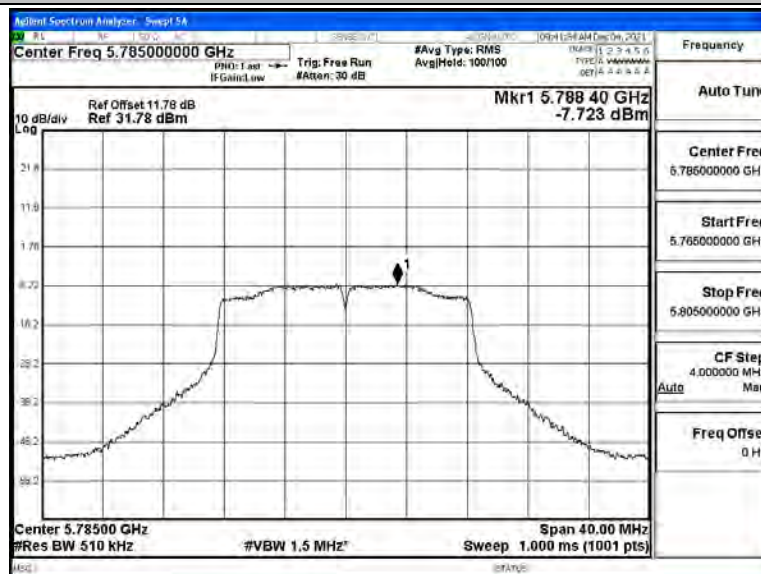


Test Graphs

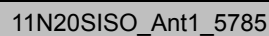
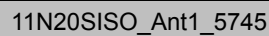
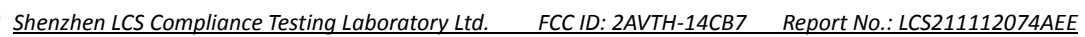
11A_Ant1_5745

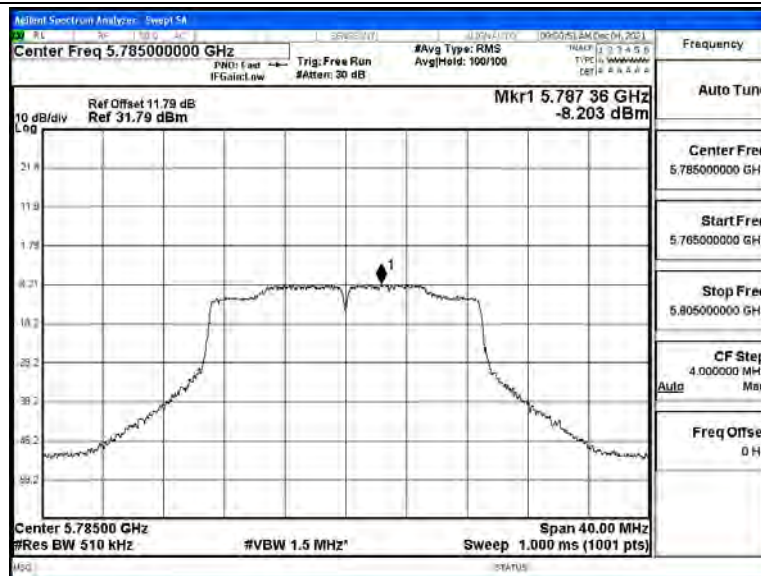


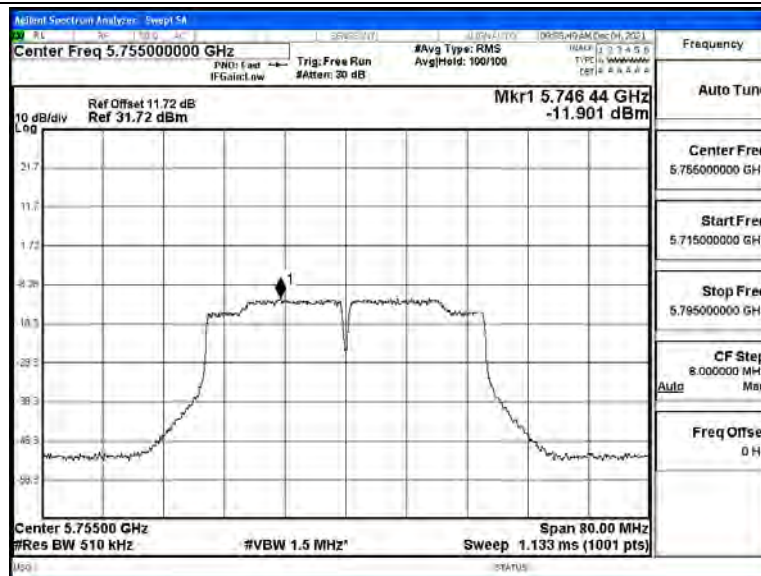
11A_Ant1_5785



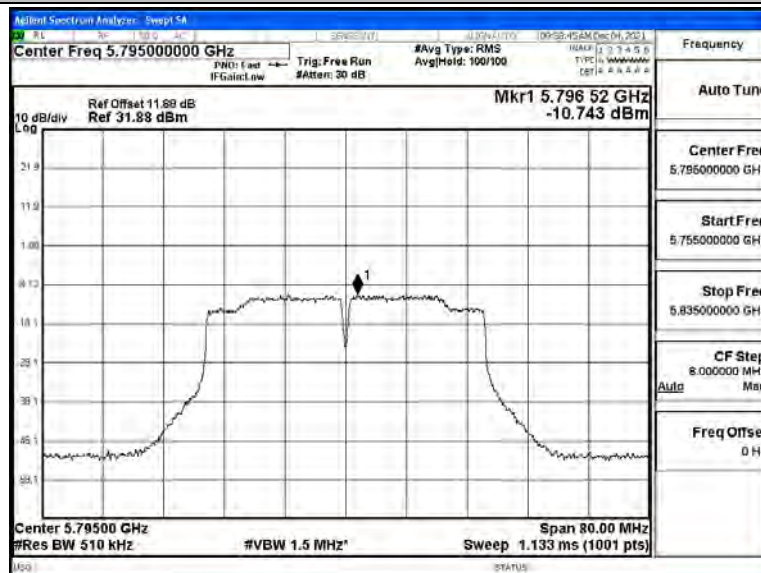
11A_Ant1_5825



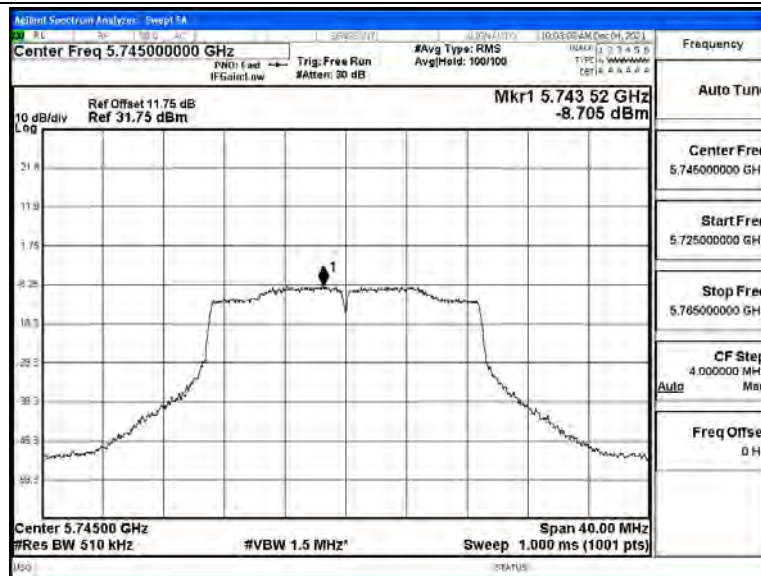




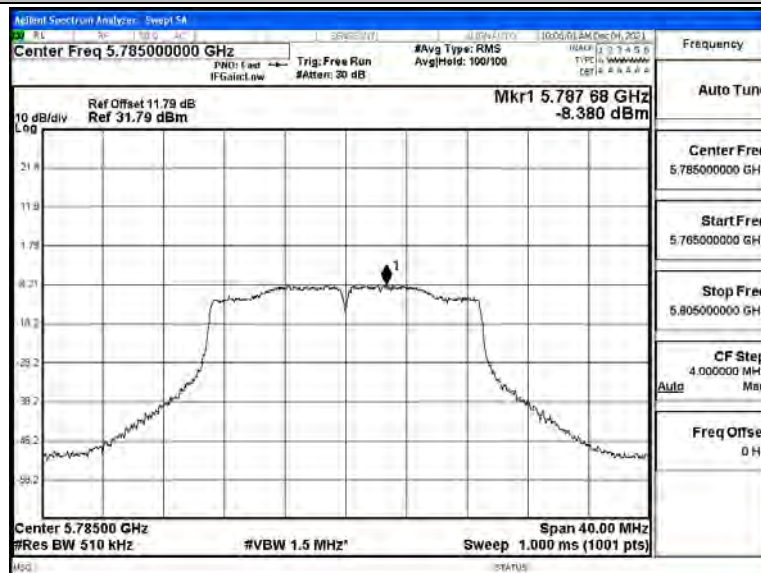
11N40SISO_Ant1_5795



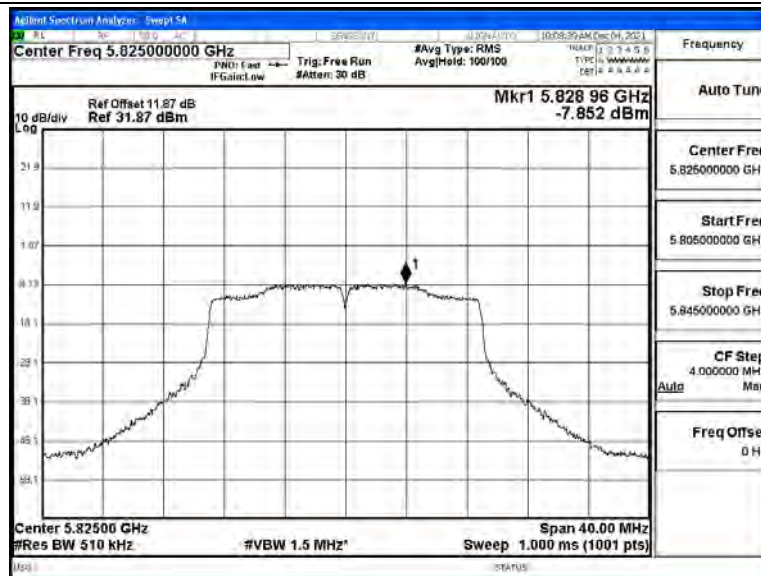
11AC20SISO_Ant1_5745



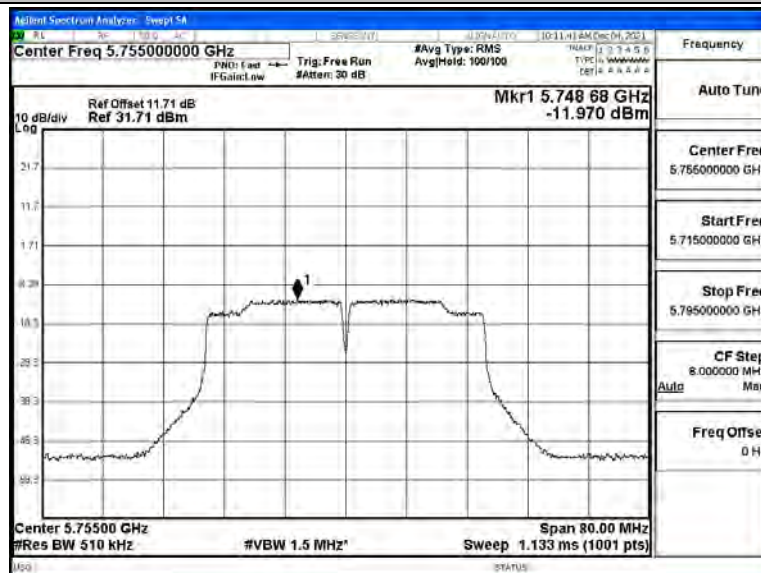
11AC20SISO_Ant1_5785



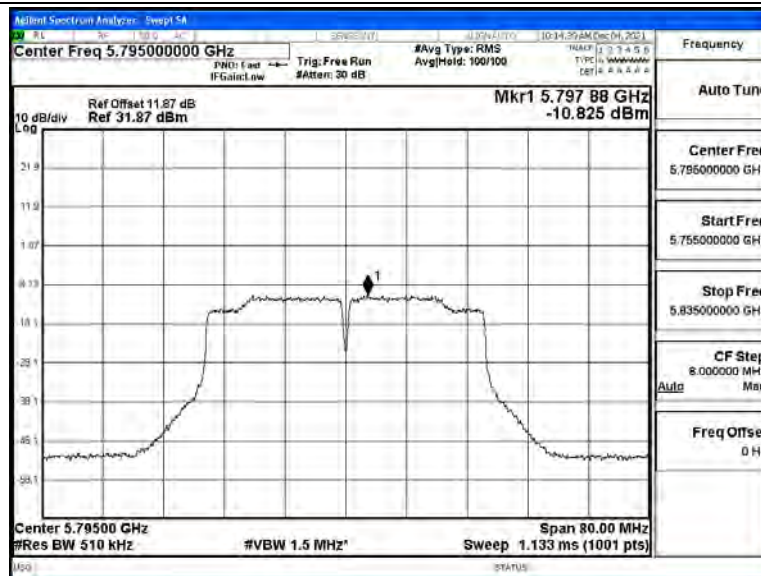
11AC20SISO_Ant1_5825



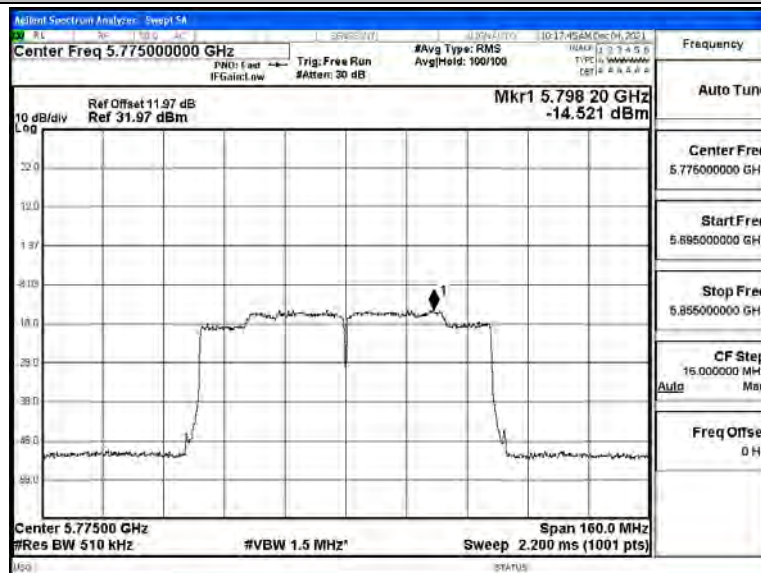
11AC40SISO_Ant1_5755



11AC40SISO_Ant1_5795



11AC80SISO_Ant1_5775





E.4 Emissions in Restricted Bands

Test Result

TestMode	Antenna	Channel	Detector	Freq. [MHz]	Result [dBm]	Limit [dBm]	Verdict
11A	Ant0	5745	Peak	5650.000	-42.145	≤-27.00	PASS
			Peak	5700.000	-43	≤10.00	PASS
			Peak	5720.000	-42.17	≤15.60	PASS
			Peak	5725.000	-40.9	≤27.00	PASS
		5825	Peak	5850.000	-41.785	≤15.60	PASS
			Peak	5855.000	-41.54	≤27.00	PASS
			Peak	5875.000	-43.12	≤15.60	PASS
			Peak	5925.000	-41.76	≤10.00	PASS
11N20SIS O	Ant0	5745	Peak	5650.000	-42.728	≤-27.00	PASS
			Peak	5700.000	-43.25	≤10.00	PASS
			Peak	5720.000	-43.54	≤15.60	PASS
			Peak	5725.000	-41.42	≤27.00	PASS
		5825	Peak	5850.000	-39.475	≤15.60	PASS
			Peak	5855.000	-42.66	≤27.00	PASS
			Peak	5875.000	-41.63	≤15.60	PASS
			Peak	5925.000	-43.19	≤10.00	PASS
11N40SIS O	Ant0	5755	Peak	5650.000	-41.344	≤-27.00	PASS
			Peak	5700.000	-40.9	≤10.00	PASS
			Peak	5720.000	-41.26	≤15.60	PASS
			Peak	5725.000	-39.1	≤27.00	PASS
		5795	Peak	5850.000	-39.104	≤15.60	PASS
			Peak	5855.000	-40.51	≤27.00	PASS
			Peak	5875.000	-40.02	≤15.60	PASS
			Peak	5925.000	-40.16	≤10.00	PASS
11AC20SI SO	Ant0	5745	Peak	5650.000	-42.682	≤-27.00	PASS
			Peak	5700.000	-40.77	≤10.00	PASS
			Peak	5720.000	-39.06	≤15.60	PASS
			Peak	5725.000	-43.31	≤27.00	PASS
		5825	Peak	5850.000	-41.936	≤15.60	PASS
			Peak	5855.000	-41.96	≤27.00	PASS
			Peak	5875.000	-40	≤15.60	PASS
			Peak	5925.000	-43.44	≤10.00	PASS
11AC40SI SO	Ant0	5755	Peak	5650.000	-39.439	≤-27.00	PASS
			Peak	5700.000	-41.09	≤10.00	PASS
			Peak	5720.000	-40.66	≤15.60	PASS
			Peak	5725.000	-41.15	≤27.00	PASS



		5795	Peak	5850.000	-38.34	≤15.60	PASS
			Peak	5855.000	-40.35	≤27.00	PASS
			Peak	5875.000	-40.53	≤15.60	PASS
			Peak	5925.000	-39.67	≤10.00	PASS
11AC80SI SO	Ant0	5775	Peak	5650.000	-38.969	≤-27.00	PASS
			Peak	5700.000	-39.02	≤10.00	PASS
			Peak	5720.000	-38.07	≤15.60	PASS
			Peak	5725.000	-37	≤27.00	PASS
		5775	Peak	5850.000	-39.864	≤15.60	PASS
			Peak	5855.000	-38.92	≤27.00	PASS
			Peak	5875.000	-40.31	≤15.60	PASS
			Peak	5925.000	-40.68	≤10.00	PASS

TestMode	Antenna	Channel	Detector	Freq. [MHz]	Result [dBm]	Limit [dBm]	Verdict
11A	Ant1	5745	Peak	5650.000	-42.82	≤-27.00	PASS
			Peak	5700.000	-43.41	≤10.00	PASS
			Peak	5720.000	-41.27	≤15.60	PASS
			Peak	5725.000	-41.81	≤27.00	PASS
		5825	Peak	5850.000	-43.889	≤15.60	PASS
			Peak	5855.000	-40.46	≤27.00	PASS
			Peak	5875.000	-40.5	≤15.60	PASS
			Peak	5925.000	-40.79	≤10.00	PASS
11N20SIS O	Ant1	5745	Peak	5650.000	-42.457	≤-27.00	PASS
			Peak	5700.000	-39.86	≤10.00	PASS
			Peak	5720.000	-39.28	≤15.60	PASS
			Peak	5725.000	-39.55	≤27.00	PASS
		5825	Peak	5850.000	-42.01	≤15.60	PASS
			Peak	5855.000	-42	≤27.00	PASS
			Peak	5875.000	-41.97	≤15.60	PASS
			Peak	5925.000	-42.53	≤10.00	PASS
11N40SIS O	Ant1	5755	Peak	5650.000	-39.929	≤-27.00	PASS
			Peak	5700.000	-40.97	≤10.00	PASS
			Peak	5720.000	-39.99	≤15.60	PASS
			Peak	5725.000	-39.43	≤27.00	PASS
		5795	Peak	5850.000	-40.155	≤15.60	PASS
			Peak	5855.000	-39.93	≤27.00	PASS
			Peak	5875.000	-39.14	≤15.60	PASS
			Peak	5925.000	-39.61	≤10.00	PASS
11AC20SI SO	Ant1	5745	Peak	5650.000	-42.188	≤-27.00	PASS
			Peak	5700.000	-40.92	≤10.00	PASS
			Peak	5720.000	-42.82	≤15.60	PASS



		5825	Peak	5725.000	-42.95	≤27.00	PASS
			Peak	5850.000	-40.484	≤15.60	PASS
			Peak	5855.000	-43.06	≤27.00	PASS
			Peak	5875.000	-41.69	≤15.60	PASS
			Peak	5925.000	-42.2	≤10.00	PASS
11AC40SI SO	Ant1	5755	Peak	5650.000	-41.462	≤-27.00	PASS
			Peak	5700.000	-39.85	≤10.00	PASS
			Peak	5720.000	-37.99	≤15.60	PASS
			Peak	5725.000	-38.58	≤27.00	PASS
		5795	Peak	5850.000	-38.963	≤15.60	PASS
			Peak	5855.000	-40.26	≤27.00	PASS
			Peak	5875.000	-39.38	≤15.60	PASS
			Peak	5925.000	-39.12	≤10.00	PASS
11AC80SI SO	Ant1	5775	Peak	5650.000	-39.932	≤-27.00	PASS
			Peak	5700.000	-38.48	≤10.00	PASS
			Peak	5720.000	-38.18	≤15.60	PASS
			Peak	5725.000	-37.67	≤27.00	PASS
		5775	Peak	5850.000	-37.269	≤15.60	PASS
			Peak	5855.000	-38.15	≤27.00	PASS
			Peak	5875.000	-40.34	≤15.60	PASS
			Peak	5925.000	-39.24	≤10.00	PASS



MIMO

TestMode	Channel	Detector	Freq. [MHz]	Ant0 [dBm]	Ant1 [dBm]	Sum [dBm]	Limit [dBm]	Verdict
11N20SIS O	5745	Peak	5650.000	-42.728	-42.457	-39.58	≤-27.00	PASS
		Peak	5700.000	-43.25	-39.86	-38.22	≤10.00	PASS
		Peak	5720.000	-43.54	-39.28	-37.90	≤15.60	PASS
		Peak	5725.000	-41.42	-39.55	-37.37	≤27.00	PASS
	5825	Peak	5850.000	-39.475	-42.01	-37.55	≤15.60	PASS
		Peak	5855.000	-42.66	-42	-39.31	≤27.00	PASS
		Peak	5875.000	-41.63	-41.97	-38.79	≤15.60	PASS
		Peak	5925.000	-43.19	-42.53	-39.84	≤10.00	PASS
11N40SIS O	5755	Peak	5650.000	-41.344	-39.929	-37.57	≤-27.00	PASS
		Peak	5700.000	-40.9	-40.97	-37.92	≤10.00	PASS
		Peak	5720.000	-41.26	-39.99	-37.57	≤15.60	PASS
		Peak	5725.000	-39.1	-39.43	-36.25	≤27.00	PASS
	5795	Peak	5850.000	-39.104	-40.155	-36.59	≤15.60	PASS
		Peak	5855.000	-40.51	-39.93	-37.20	≤27.00	PASS
		Peak	5875.000	-40.02	-39.14	-36.55	≤15.60	PASS
		Peak	5925.000	-40.16	-39.61	-36.87	≤10.00	PASS
11AC20SI SO	5745	Peak	5650.000	-42.682	-42.188	-39.42	≤-27.00	PASS
		Peak	5700.000	-40.77	-40.92	-37.83	≤10.00	PASS
		Peak	5720.000	-39.06	-42.82	-37.53	≤15.60	PASS
		Peak	5725.000	-43.31	-42.95	-40.12	≤27.00	PASS
	5825	Peak	5850.000	-41.936	-40.484	-38.14	≤15.60	PASS
		Peak	5855.000	-41.96	-43.06	-39.46	≤27.00	PASS
		Peak	5875.000	-40	-41.69	-37.75	≤15.60	PASS
		Peak	5925.000	-43.44	-42.2	-39.77	≤10.00	PASS
11AC40SI SO	5755	Peak	5650.000	-39.439	-41.462	-37.32	≤-27.00	PASS
		Peak	5700.000	-41.09	-39.85	-37.42	≤10.00	PASS
		Peak	5720.000	-40.66	-37.99	-36.11	≤15.60	PASS
		Peak	5725.000	-41.15	-38.58	-36.67	≤27.00	PASS
	5795	Peak	5850.000	-38.34	-38.963	-35.63	≤15.60	PASS
		Peak	5855.000	-40.35	-40.26	-37.29	≤27.00	PASS
		Peak	5875.000	-40.53	-39.38	-36.91	≤15.60	PASS
		Peak	5925.000	-39.67	-39.12	-36.38	≤10.00	PASS



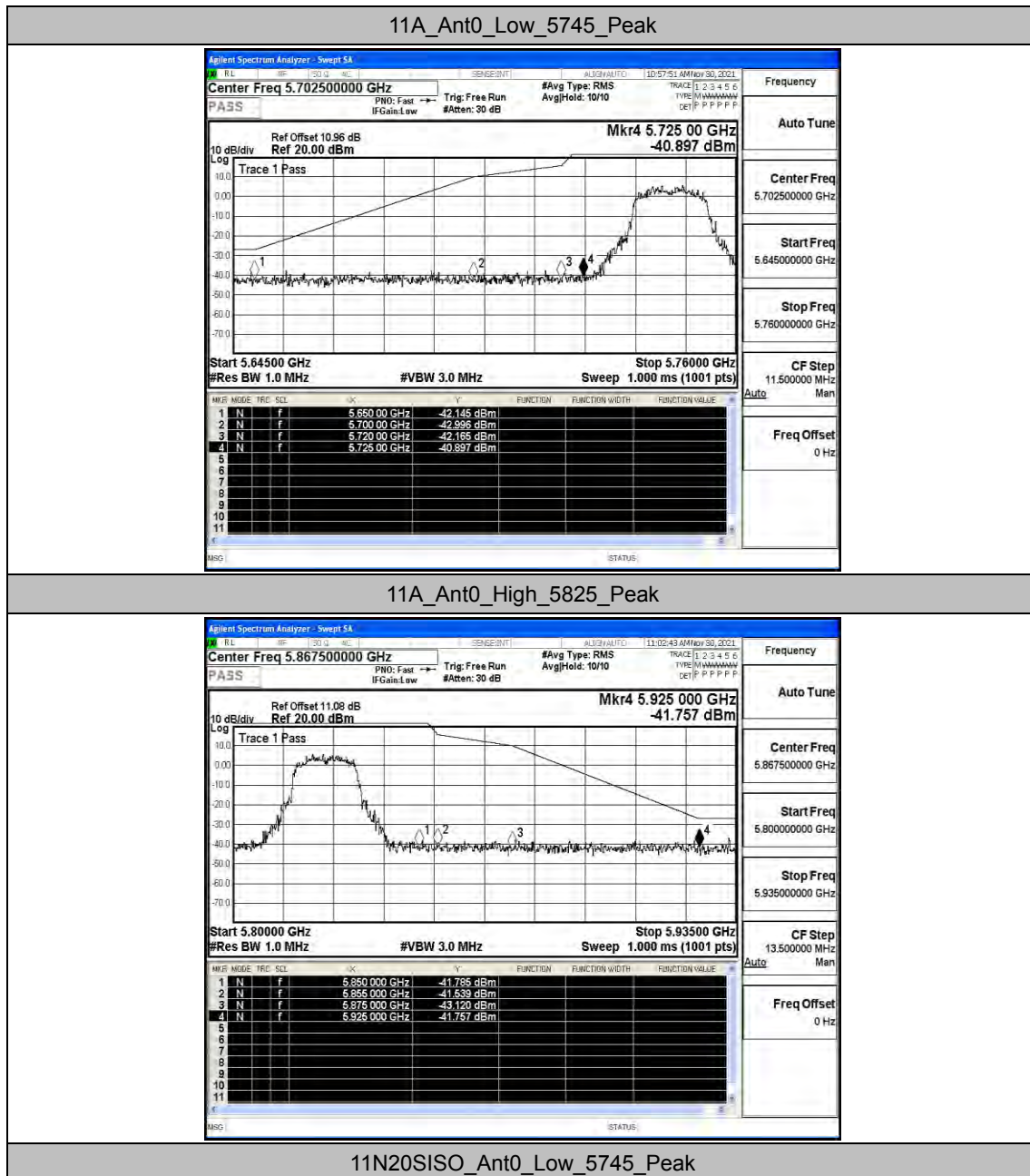
11AC80SI SO	5775	Peak	5650.000	-38.969	-39.932	-36.41	≤-27.00	PASS
		Peak	5700.000	-39.02	-38.48	-35.73	≤10.00	PASS
		Peak	5720.000	-38.07	-38.18	-35.11	≤15.60	PASS
		Peak	5725.000	-37	-37.67	-34.31	≤27.00	PASS
	5775	Peak	5850.000	-39.864	-37.269	-35.37	≤15.60	PASS
		Peak	5855.000	-38.92	-38.15	-35.51	≤27.00	PASS
		Peak	5875.000	-40.31	-40.34	-37.31	≤15.60	PASS
		Peak	5925.000	-40.68	-39.24	-36.89	≤10.00	PASS

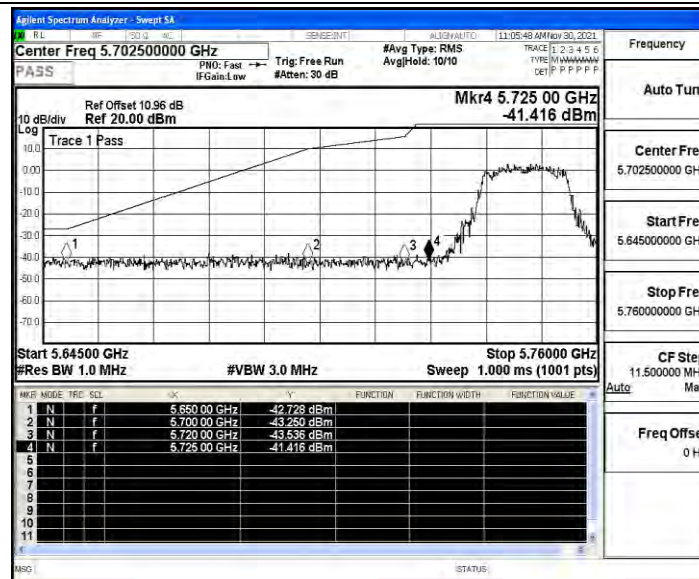
Note:

1. The Antenna Gain is compensated in the graph.
2. For transmitters operating in 5150-5250 GHz band: The limit in dBm for average detector is conversion from 54dBuV/m, according to 15.209(a). The limit in dBm for peak detector is 20dB above the limit of average detector in dBm.

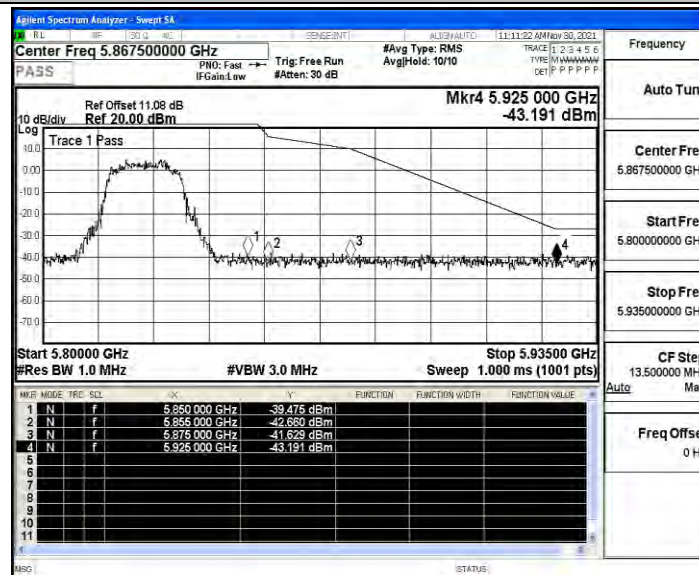


Test Graphs

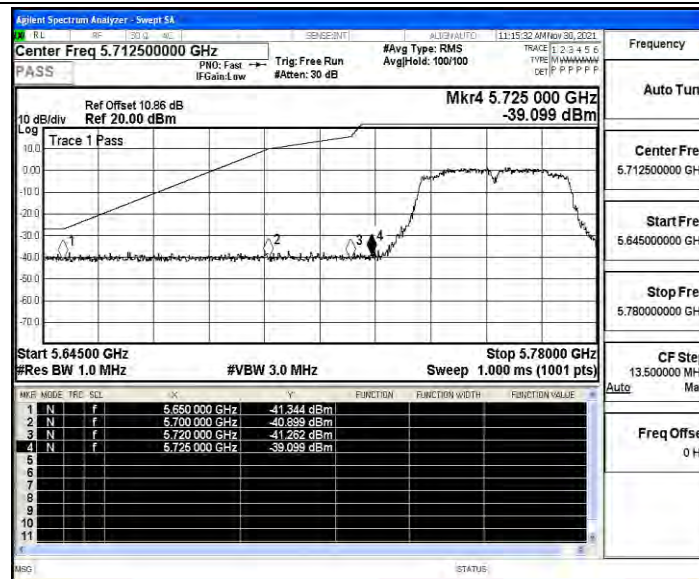




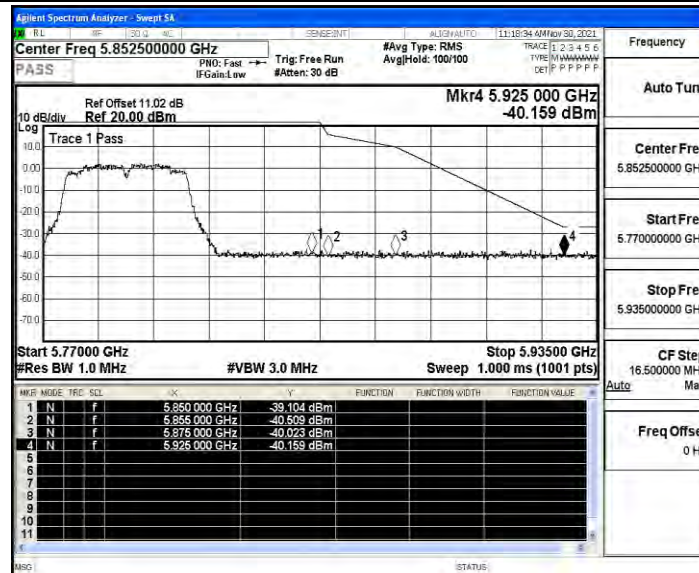
11N20SISO_Ant0_High_5825_Peak



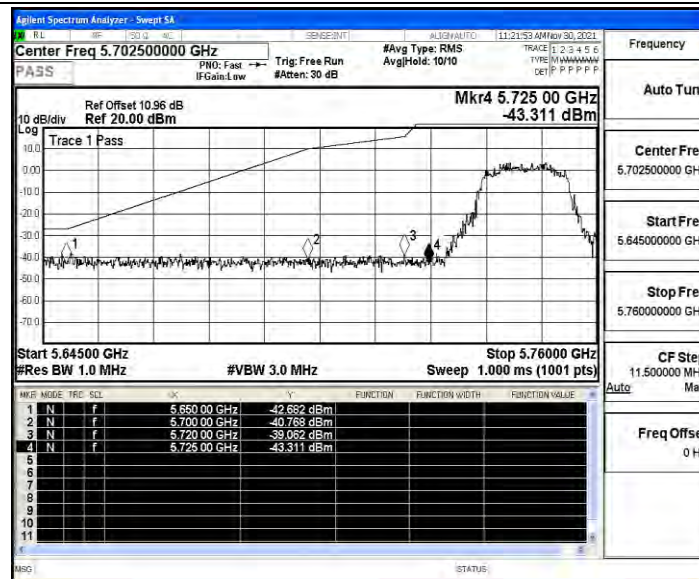
11N40SISO_Ant0_Low_5755_Peak



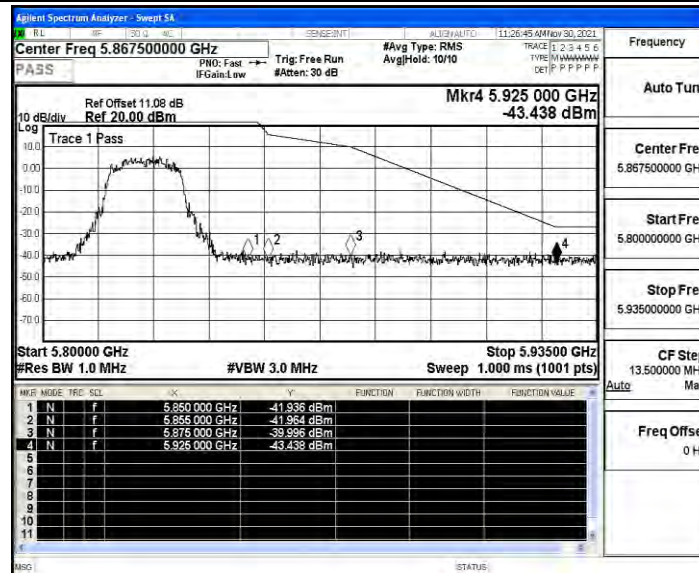
11N40SISO_Ant0_High_5795_Peak



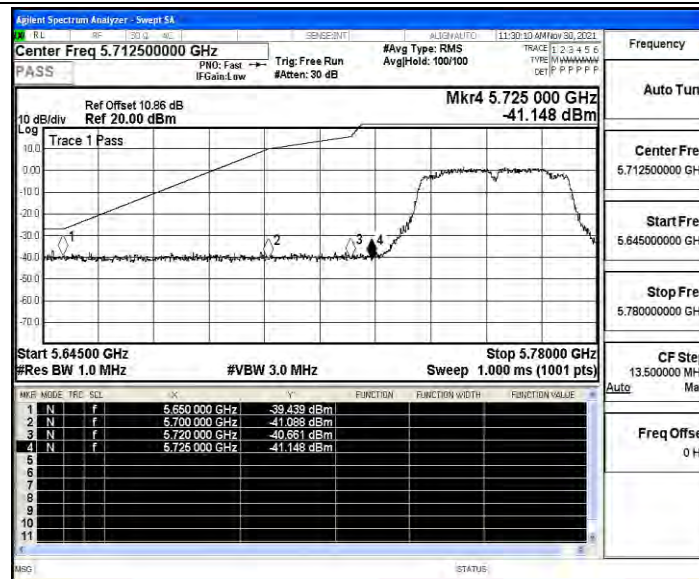
11AC20SISO_Ant0_Low_5745_Peak



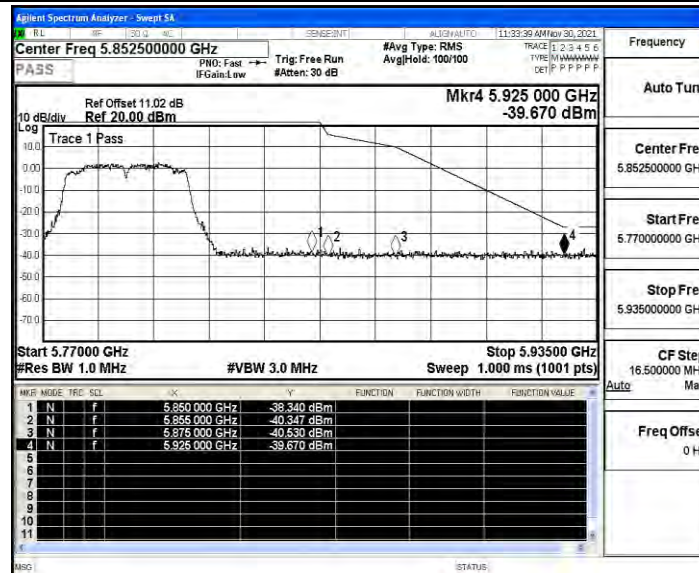
11AC20SISO_Ant0_High_5825_Peak



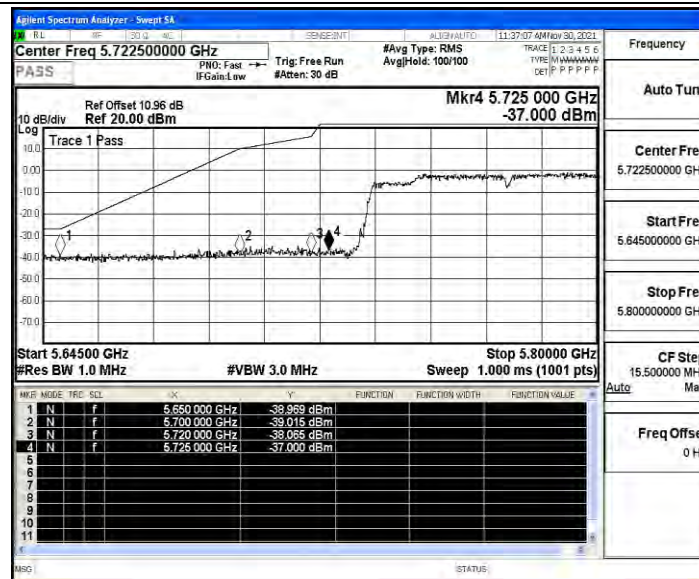
11AC40SISO_Ant0_Low_5755_Peak



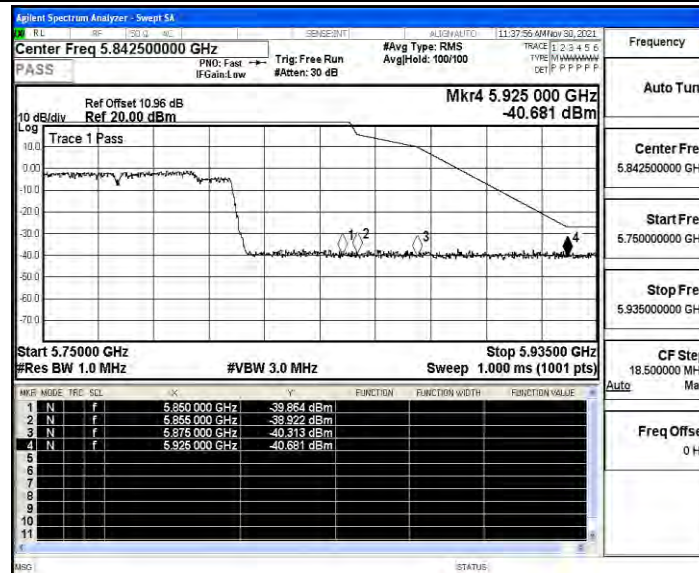
11AC40SISO_Ant0_High_5795_Peak



11AC80SISO_Ant0_Low_5775_Peak



11AC80SISO_Ant0_High_5775_Peak





11A_Ant1_Low_5745_Peak

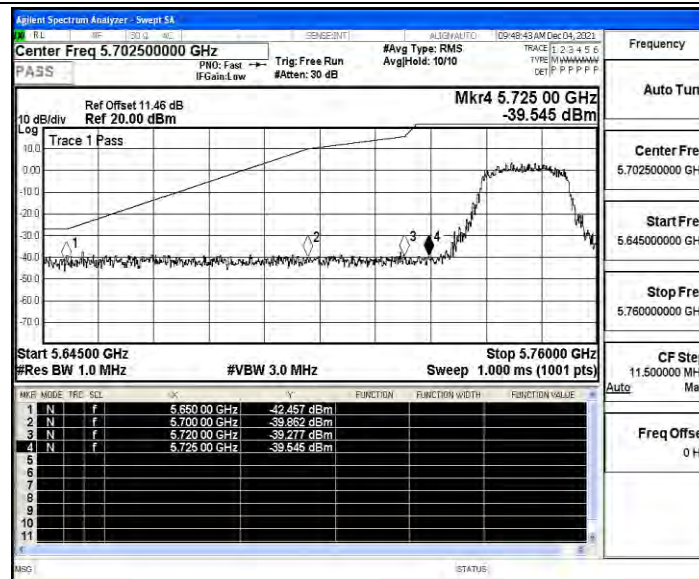
Agilent Spectrum Analyzer - Sweep SA
 Center Freq 5.702500000 GHz
 Ref Offset 11.46 dB
 Ref 20.00 dBm
 Mkr4 5.725 00 GHz
 -41.807 dBm
 Trace 1 Pass
 Start 5.64500 GHz
 #Res BW 1.0 MHz
 #VBW 3.0 MHz
 Sweep 1.000 ms (1001 pts)
 PWR: Fast IF Gain: Low Trig: Free Run #Atten: 30 dB #Avg Type: RMS AvgHold: 10/10
 ALIGN: AUTO 09:39:32 AM Dec 04, 2021
 TRACE 1 2 3 4 5 6 TYPE: W W W W W W W W DET: P P P P P P P

MNR	MODE	TRF	SCF	F	dBm	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE
1	N	f		5.650 00 GHz	-42.820 dBm			
2	N	f		5.700 00 GHz	-43.414 dBm			
3	N	f		5.720 00 GHz	-41.270 dBm			
4	N	f		5.725 00 GHz	-41.807 dBm			

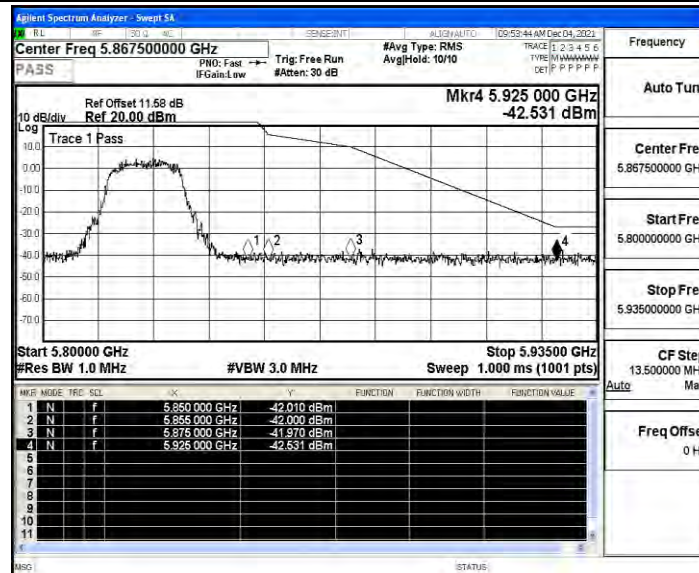
11A_Ant1_High_5825_Peak

Agilent Spectrum Analyzer - Sweep SA
 Center Freq 5.867500000 GHz
 Ref Offset 11.58 dB
 Ref 20.00 dBm
 Mkr4 5.925 000 GHz
 -40.792 dBm
 Trace 1 Pass
 Start 5.80000 GHz
 #Res BW 1.0 MHz
 #VBW 3.0 MHz
 Sweep 1.000 ms (1001 pts)
 PWR: Fast IF Gain: Low Trig: Free Run #Atten: 30 dB #Avg Type: RMS AvgHold: 10/10
 ALIGN: AUTO 09:43:24 AM Dec 04, 2021
 TRACE 1 2 3 4 5 6 TYPE: W W W W W W W W DET: P P P P P P P

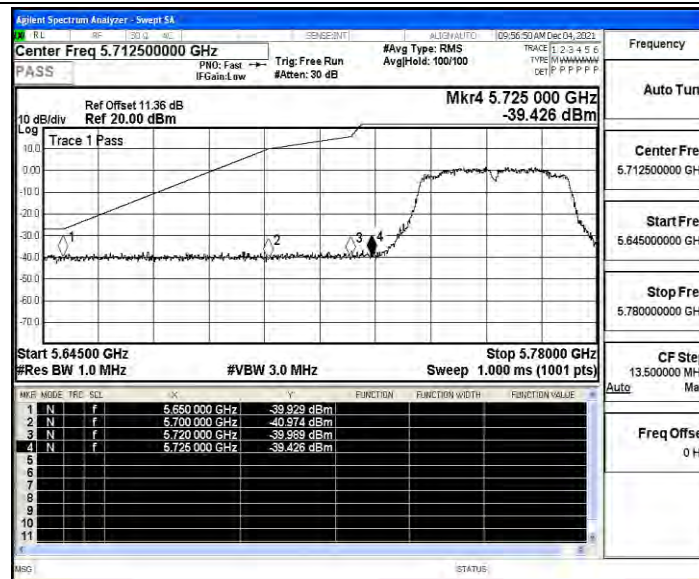
MNR	MODE	TRF	SCF	F	dBm	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE
1	N	f		5.850 000 GHz	-43.889 dBm			
2	N	f		5.855 000 GHz	-40.458 dBm			
3	N	f		5.875 000 GHz	-40.498 dBm			
4	N	f		5.925 000 GHz	-40.792 dBm			



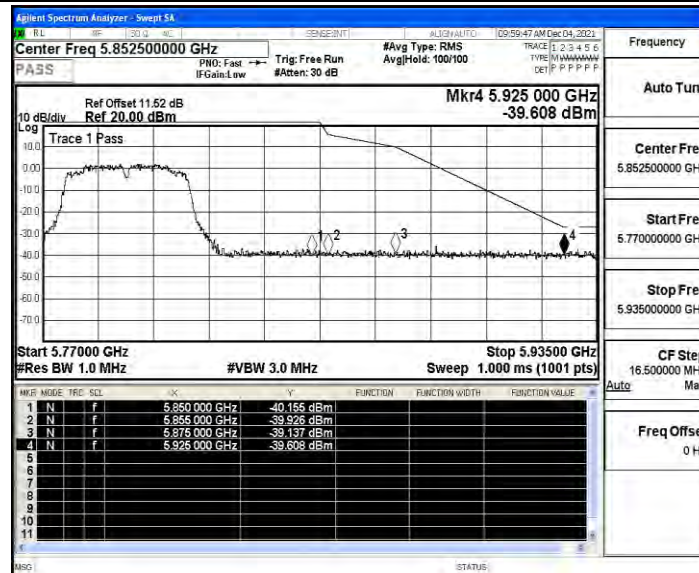
11N20SISO_Ant1_High_5825_Peak



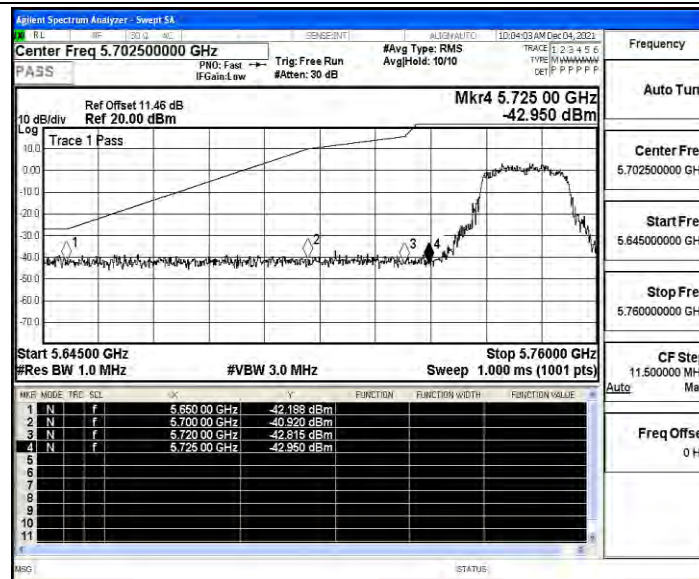
11N40SISO_Ant1_Low_5755_Peak



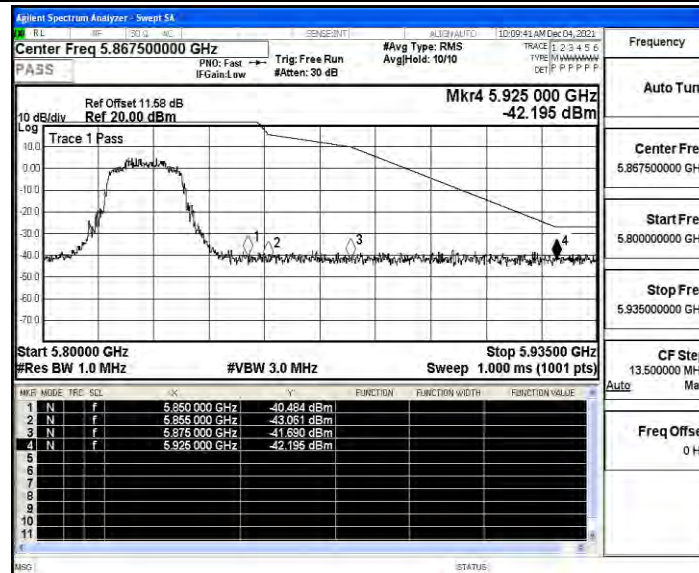
11N40SISO_Ant1_High_5795_Peak



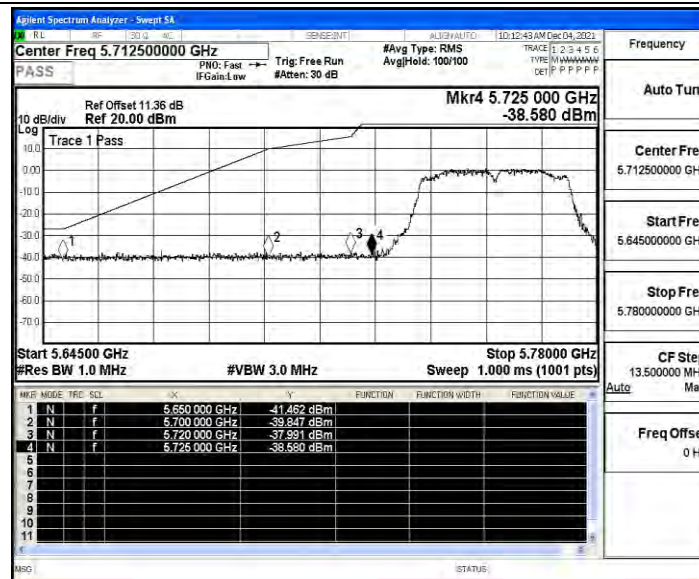
11AC20SISO_Ant1_Low_5745_Peak



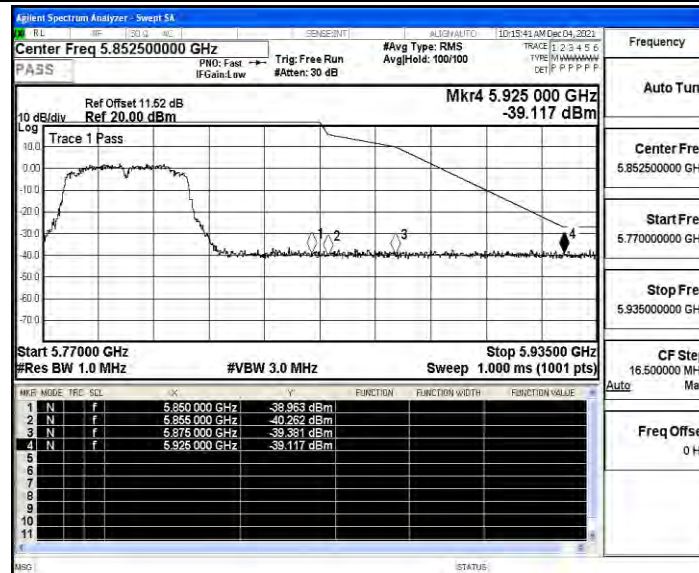
11AC20SISO_Ant1_High_5825_Peak



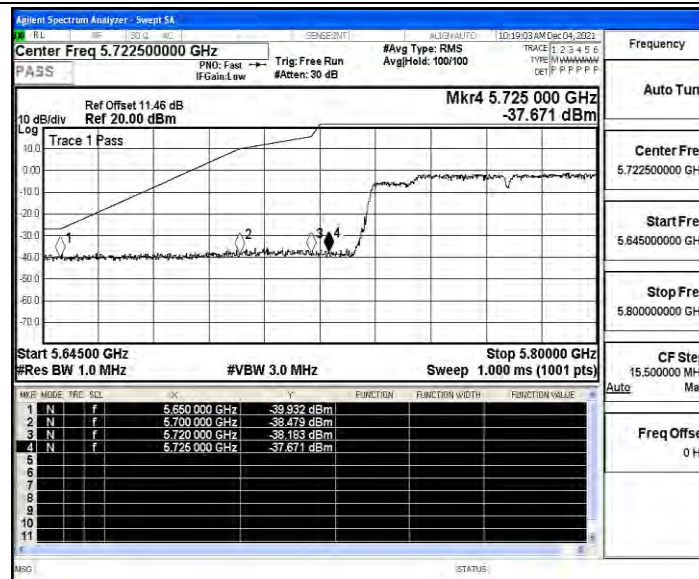
11AC40SISO_Ant1_Low_5755_Peak



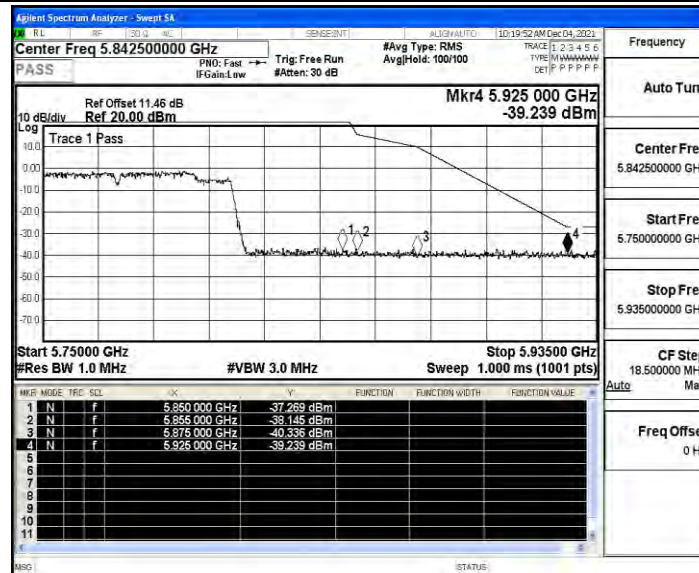
11AC40SISO_Ant1_High_5795_Peak



11AC80SISO_Ant1_Low_5775_Peak



11AC80SISO_Ant1_High_5775_Peak





E.5 Frequency Stability

Test Result

Voltage								
TestMode	Antenna	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
11AC20S ISO	Ant0	5745	NV	NT	-38000	-6.614447	20	PASS
			LV	NT	-38000	-6.614447	20	PASS
			HV	NT	-38000	-6.614447	20	PASS
		5785	NV	NT	-38000	-6.568712	20	PASS
			LV	NT	-38000	-6.568712	20	PASS
			HV	NT	-38000	-6.568712	20	PASS
		5825	NV	NT	-38000	-6.523605	20	PASS
			LV	NT	-38000	-6.523605	20	PASS
			HV	NT	-38000	-6.523605	20	PASS
11AC40S ISO	Ant0	5755	NV	NT	-37000	-6.429192	20	PASS
			LV	NT	-37000	-6.429192	20	PASS
			HV	NT	-37000	-6.429192	20	PASS
		5795	NV	NT	-39000	-6.72994	20	PASS
			LV	NT	-39000	-6.72994	20	PASS
			HV	NT	-39000	-6.72994	20	PASS
11AC80S ISO	Ant0	5775	NV	NT	-33000	-5.714286	20	PASS
			LV	NT	-34000	-5.887446	20	PASS
			HV	NT	-35000	-6.060606	20	PASS

Temperature								
TestMode	Antenna	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
11AC20S ISO	Ant0	5745	NV	-30	-38000	-6.614447	20	PASS
			NV	-20	-38000	-6.614447	20	PASS
			NV	-10	-38000	-6.614447	20	PASS
			NV	0	-38000	-6.614447	20	PASS
			NV	10	-37000	-6.440383	20	PASS
			NV	20	-38000	-6.614447	20	PASS
			NV	30	-38000	-6.614447	20	PASS
			NV	40	-37000	-6.440383	20	PASS
			NV	50	-38000	-6.614447	20	PASS
		5785	NV	-30	-38000	-6.568712	20	PASS
			NV	-20	-38000	-6.568712	20	PASS
			NV	-10	-38000	-6.568712	20	PASS
			NV	0	-38000	-6.568712	20	PASS
			NV	10	-38000	-6.568712	20	PASS
			NV	20	-38000	-6.568712	20	PASS



			NV	20	-38000	-6.568712	20	PASS
			NV	30	-38000	-6.568712	20	PASS
			NV	40	-38000	-6.568712	20	PASS
			NV	50	-38000	-6.568712	20	PASS
		5825	NV	-30	-38000	-6.523605	20	PASS
			NV	-20	-38000	-6.523605	20	PASS
			NV	-10	-38000	-6.523605	20	PASS
			NV	0	-38000	-6.523605	20	PASS
			NV	10	-38000	-6.523605	20	PASS
			NV	20	-38000	-6.523605	20	PASS
			NV	30	-38000	-6.523605	20	PASS
			NV	40	-38000	-6.523605	20	PASS
			NV	50	-38000	-6.523605	20	PASS
11AC40S ISO	Ant0	5755	NV	-30	-37000	-6.429192	20	PASS
			NV	-20	-37000	-6.429192	20	PASS
			NV	-10	-37000	-6.429192	20	PASS
			NV	0	-37000	-6.429192	20	PASS
			NV	10	-37000	-6.429192	20	PASS
			NV	20	-37000	-6.429192	20	PASS
			NV	30	-37000	-6.429192	20	PASS
			NV	40	-37000	-6.429192	20	PASS
			NV	50	-37000	-6.429192	20	PASS
		5795	NV	-30	-39000	-6.72994	20	PASS
			NV	-20	-38000	-6.557377	20	PASS
			NV	-10	-38000	-6.557377	20	PASS
			NV	0	-38000	-6.557377	20	PASS
			NV	10	-38000	-6.557377	20	PASS
			NV	20	-38000	-6.557377	20	PASS
			NV	30	-38000	-6.557377	20	PASS
			NV	40	-38000	-6.557377	20	PASS
			NV	50	-38000	-6.557377	20	PASS
11AC80S ISO	Ant0	5775	NV	-30	-35000	-6.060606	20	PASS
			NV	-20	-34000	-5.887446	20	PASS
			NV	-10	-36000	-6.233766	20	PASS
			NV	0	-35000	-6.060606	20	PASS
			NV	10	-35000	-6.060606	20	PASS
			NV	20	-35000	-6.060606	20	PASS
			NV	30	-35000	-6.060606	20	PASS
			NV	40	-36000	-6.233766	20	PASS
			NV	50	-36000	-6.233766	20	PASS



Voltage								
TestMode	Antenna	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
11AC20S ISO	Ant1	5745	NV	NT	-38000	-6.614447	20	PASS
			LV	NT	-38000	-6.614447	20	PASS
			HV	NT	-38000	-6.614447	20	PASS
		5785	NV	NT	-37000	-6.395851	20	PASS
			LV	NT	-38000	-6.568712	20	PASS
			HV	NT	-38000	-6.568712	20	PASS
		5825	NV	NT	-38000	-6.523605	20	PASS
			LV	NT	-39000	-6.695279	20	PASS
			HV	NT	-39000	-6.695279	20	PASS
11AC40S ISO	Ant1	5755	NV	NT	-37000	-6.429192	20	PASS
			LV	NT	-38000	-6.602954	20	PASS
			HV	NT	-38000	-6.602954	20	PASS
		5795	NV	NT	-37000	-6.384814	20	PASS
			LV	NT	-38000	-6.557377	20	PASS
			HV	NT	-38000	-6.557377	20	PASS
11AC80S ISO	Ant1	5775	NV	NT	-37000	-6.406926	20	PASS
			LV	NT	-37000	-6.406926	20	PASS
			HV	NT	-37000	-6.406926	20	PASS

Temperature								
TestMode	Antenna	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
11AC20S ISO	Ant1	5745	NV	-30	-38000	-6.614447	20	PASS
			NV	-20	-38000	-6.614447	20	PASS
			NV	-10	-38000	-6.614447	20	PASS
			NV	0	-38000	-6.614447	20	PASS
			NV	10	-38000	-6.614447	20	PASS
			NV	20	-38000	-6.614447	20	PASS
			NV	30	-38000	-6.614447	20	PASS
			NV	40	-38000	-6.614447	20	PASS
		5785	NV	50	-38000	-6.614447	20	PASS
			NV	-30	-38000	-6.568712	20	PASS
			NV	-20	-38000	-6.568712	20	PASS
			NV	-10	-38000	-6.568712	20	PASS
			NV	0	-38000	-6.568712	20	PASS
			NV	10	-38000	-6.568712	20	PASS
			NV	20	-38000	-6.568712	20	PASS
			NV	30	-38000	-6.568712	20	PASS
			NV	40	-38000	-6.568712	20	PASS



		5825	NV	50	-38000	-6.568712	20	PASS
			NV	-30	-39000	-6.695279	20	PASS
			NV	-20	-39000	-6.695279	20	PASS
			NV	-10	-39000	-6.695279	20	PASS
			NV	0	-39000	-6.695279	20	PASS
			NV	10	-39000	-6.695279	20	PASS
			NV	20	-39000	-6.695279	20	PASS
			NV	30	-39000	-6.695279	20	PASS
			NV	40	-39000	-6.695279	20	PASS
			NV	50	-39000	-6.695279	20	PASS
11AC40S ISO	Ant1	5755	NV	-30	-38000	-6.602954	20	PASS
			NV	-20	-38000	-6.602954	20	PASS
			NV	-10	-38000	-6.602954	20	PASS
			NV	0	-38000	-6.602954	20	PASS
			NV	10	-38000	-6.602954	20	PASS
			NV	20	-38000	-6.602954	20	PASS
			NV	30	-38000	-6.602954	20	PASS
			NV	40	-38000	-6.602954	20	PASS
			NV	50	-38000	-6.602954	20	PASS
		5795	NV	-30	-38000	-6.557377	20	PASS
			NV	-20	-38000	-6.557377	20	PASS
			NV	-10	-38000	-6.557377	20	PASS
			NV	0	-38000	-6.557377	20	PASS
			NV	10	-38000	-6.557377	20	PASS
			NV	20	-38000	-6.557377	20	PASS
			NV	30	-38000	-6.557377	20	PASS
			NV	40	-38000	-6.557377	20	PASS
			NV	50	-38000	-6.557377	20	PASS
11AC80S ISO	Ant1	5775	NV	-30	-37000	-6.406926	20	PASS
			NV	-20	-37000	-6.406926	20	PASS
			NV	-10	-37000	-6.406926	20	PASS
			NV	0	-37000	-6.406926	20	PASS
			NV	10	-37000	-6.406926	20	PASS
			NV	20	-37000	-6.406926	20	PASS
			NV	30	-37000	-6.406926	20	PASS
			NV	40	-37000	-6.406926	20	PASS
			NV	50	-38000	-6.580087	20	PASS



E.6 Duty Cycle

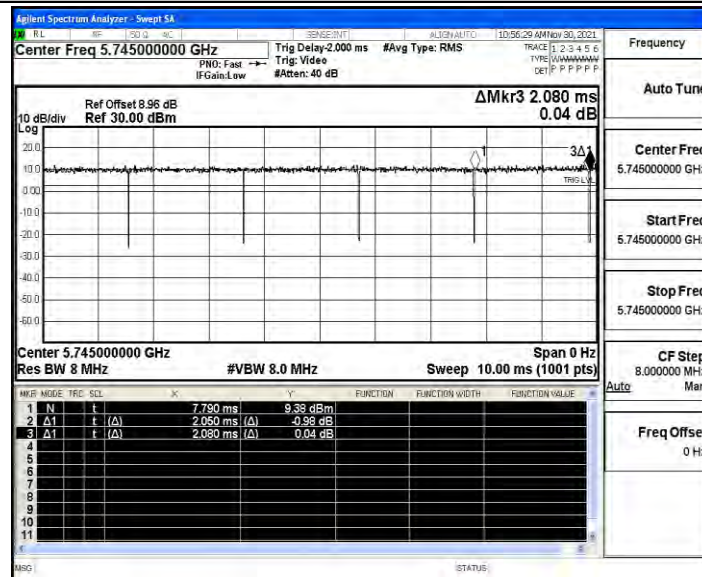
Test Result

TestMode	Antenna	Channel	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	Limit	Verdict
11A	Ant0	5745	2.05	2.08	98.56	---	PASS
		5785	2.05	2.08	98.56	---	PASS
		5825	2.05	2.08	98.56	---	PASS
11N20SISO	Ant0	5745	1.90	1.93	98.45	---	PASS
		5785	1.90	1.93	98.45	---	PASS
		5825	1.90	1.93	98.45	---	PASS
11N40SISO	Ant0	5755	0.93	0.96	96.88	---	PASS
		5795	0.93	0.96	96.88	---	PASS
11AC20SISO	Ant0	5745	1.91	1.94	98.45	---	PASS
		5785	1.91	1.94	98.45	---	PASS
		5825	1.91	1.94	98.45	---	PASS
11AC40SISO	Ant0	5755	0.94	0.97	96.91	---	PASS
		5795	0.94	0.97	96.91	---	PASS
11AC80SISO	Ant0	5775	0.43	0.46	93.48	---	PASS

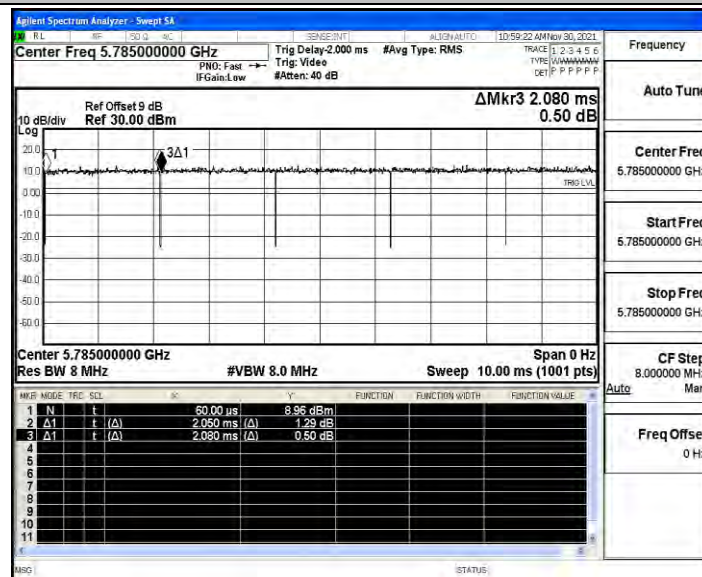


Test Graphs

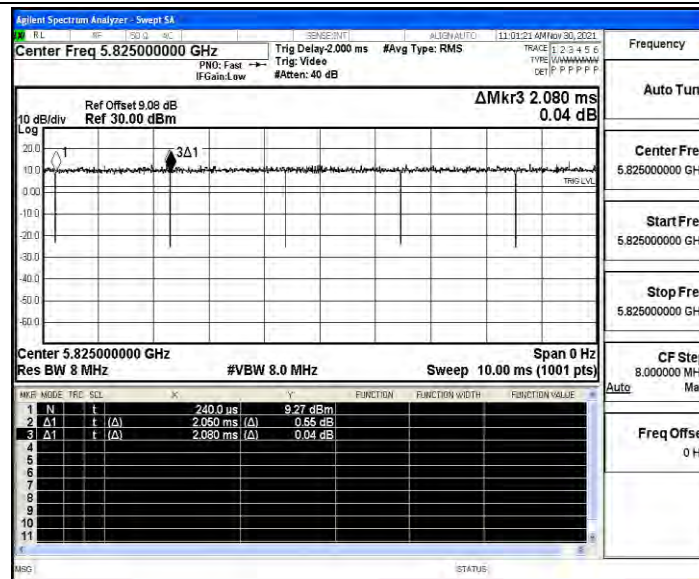
11A_Ant0_5745



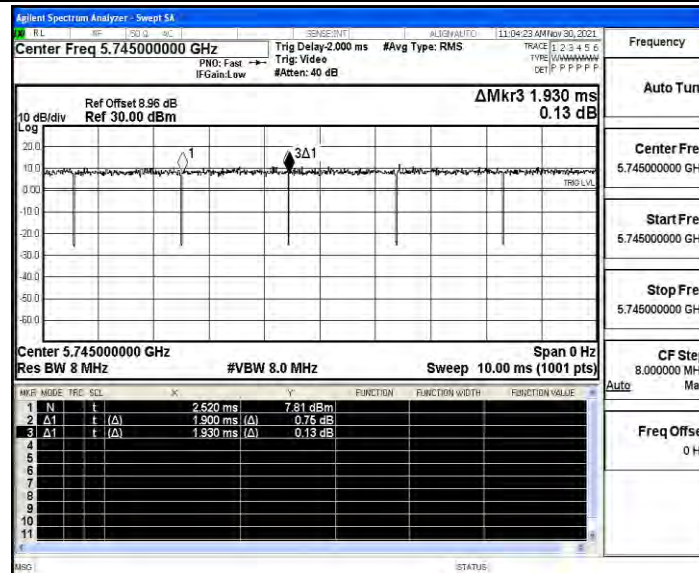
11A_Ant0_5785



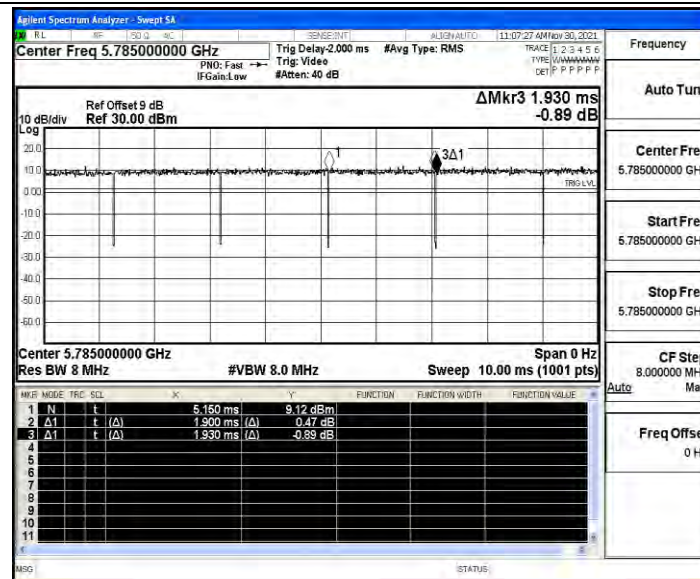
11A_Ant0_5825



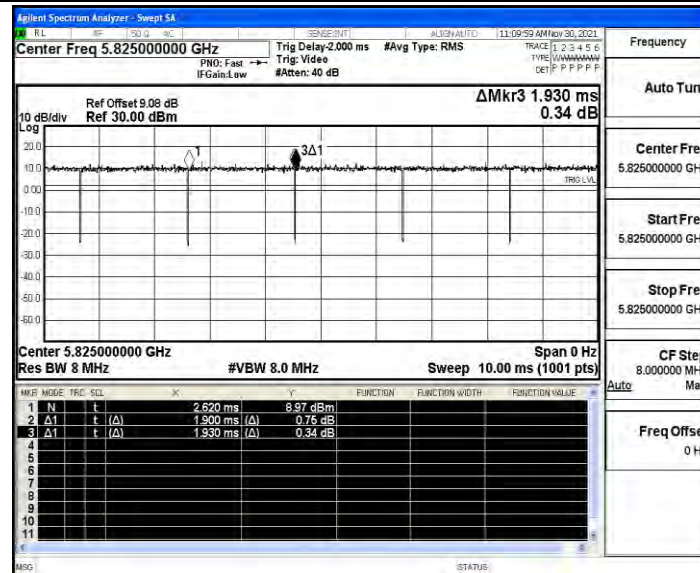
11N20SISO_Ant0_5745



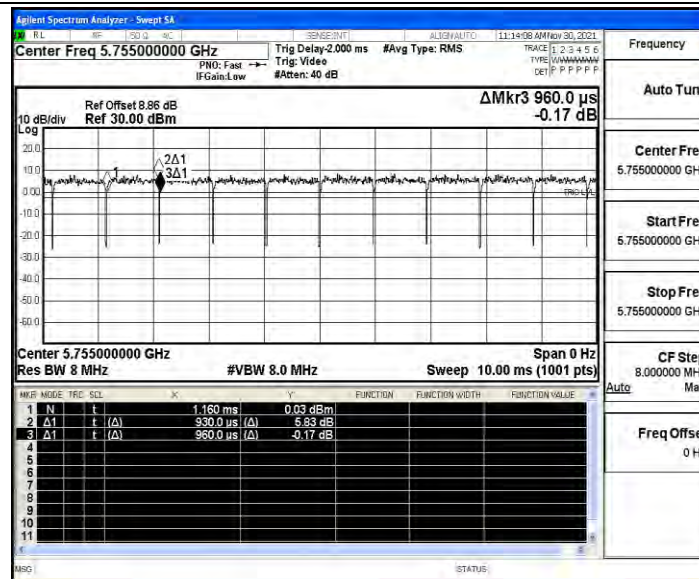
11N20SISO_Ant0_5785



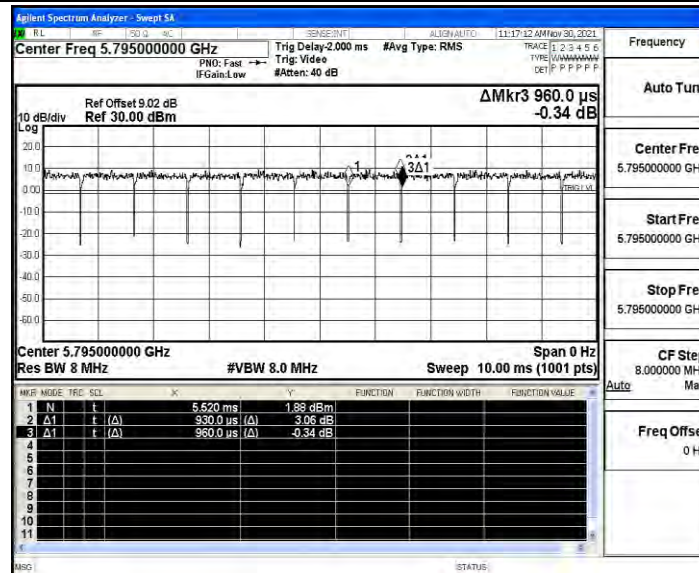
11N20SISO_Ant0_5825



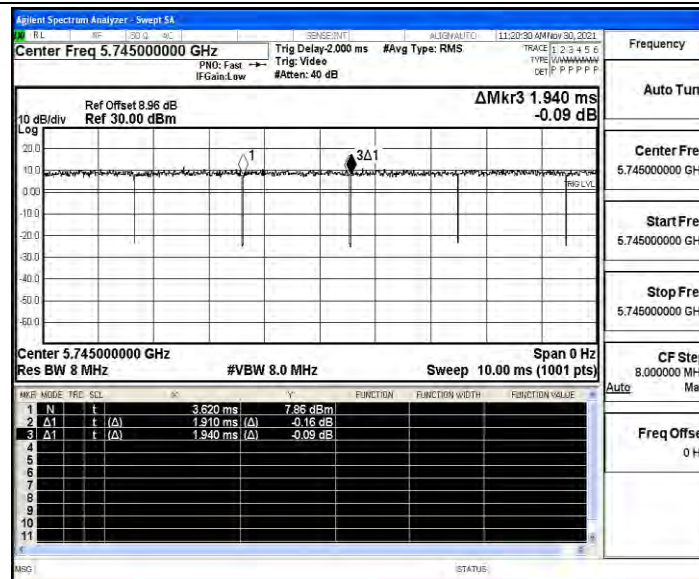
11N40SISO_Ant0_5755



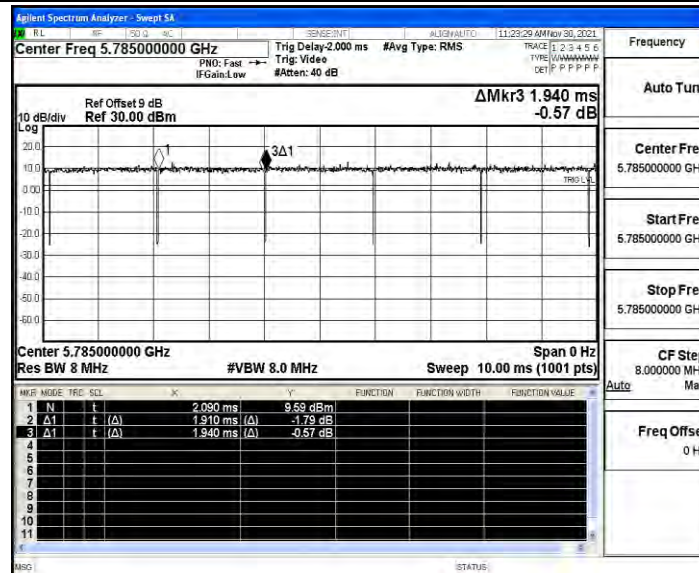
11N40SISO_Ant0_5795



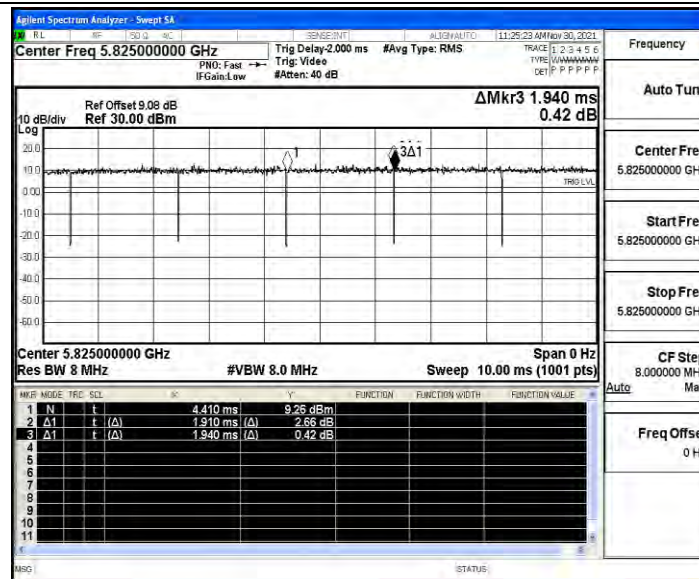
11AC20SISO_Ant0_5745



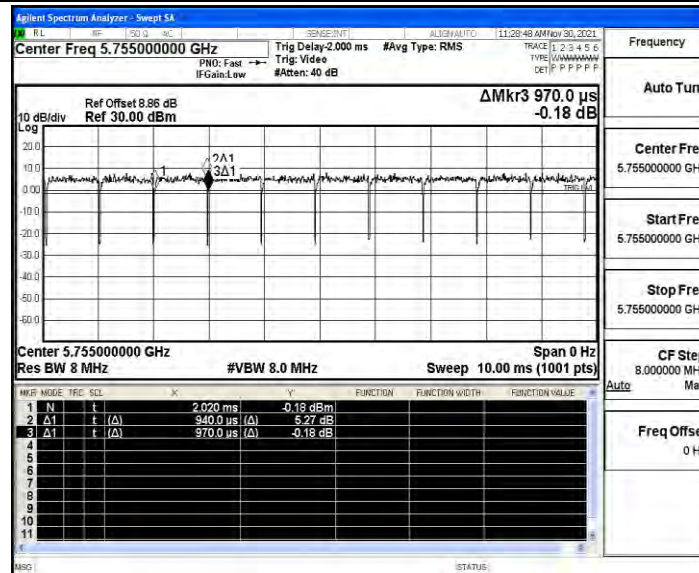
11AC20SISO_Ant0_5785



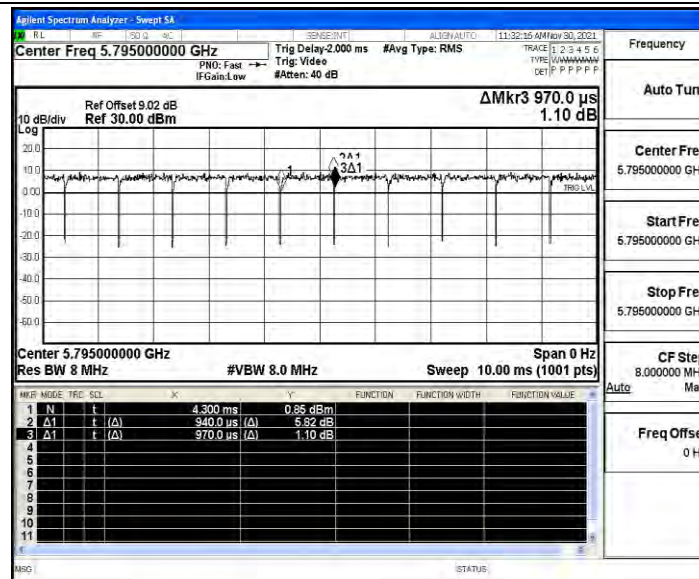
11AC20SISO_Ant0_5825



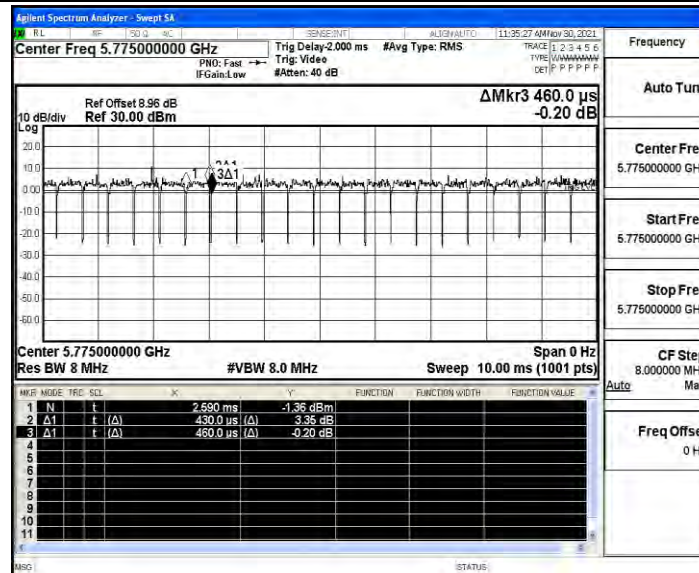
11AC40SISO_Ant0_5755



11AC40SISO_Ant0_5795



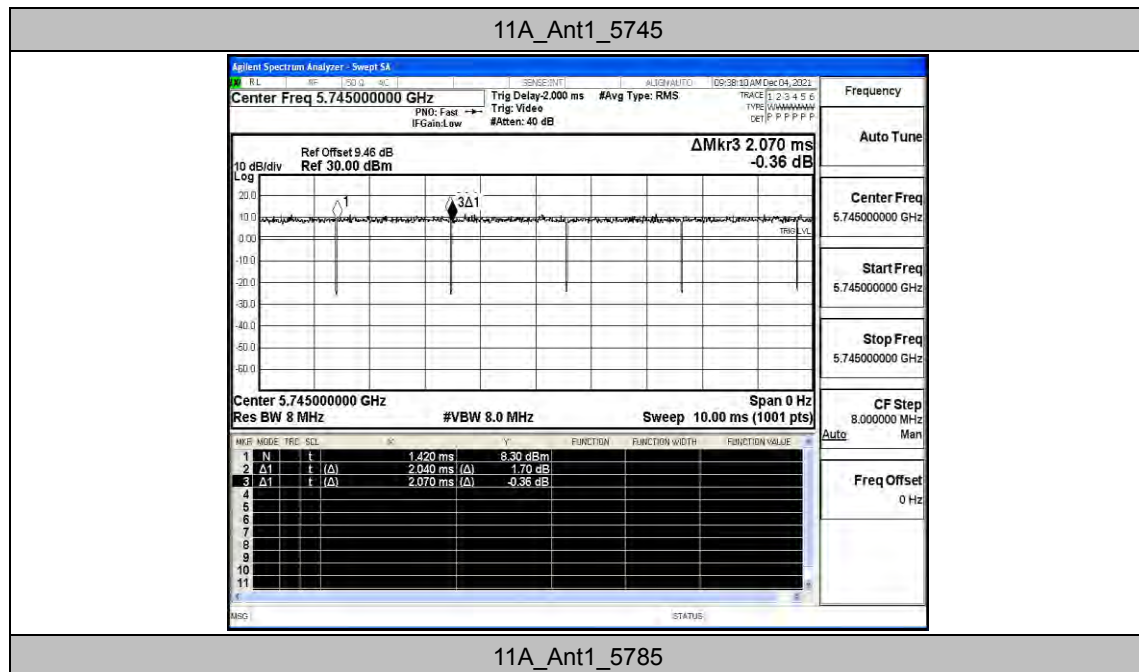
11AC80SISO_Ant0_5775

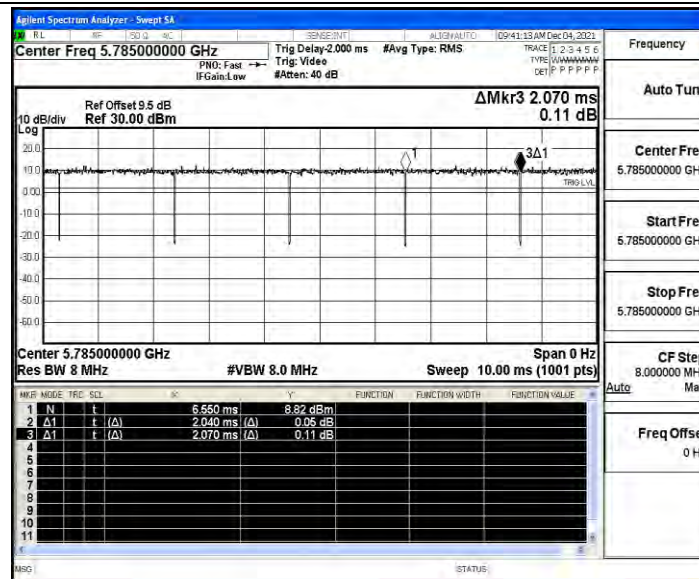




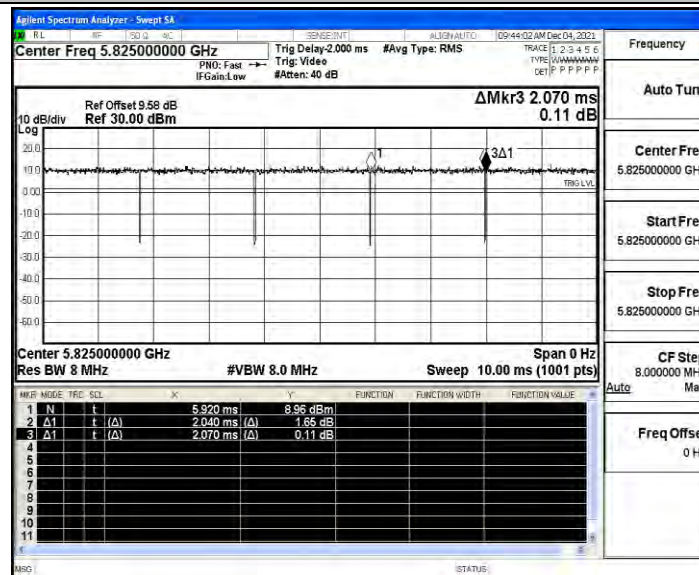
TestMode	Antenna	Channel	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	Limit	Verdict
11A	Ant1	5745	2.04	2.07	98.55	---	PASS
		5785	2.04	2.07	98.55	---	PASS
		5825	2.04	2.07	98.55	---	PASS
11N20SISO	Ant1	5745	1.91	1.94	98.45	---	PASS
		5785	1.90	1.93	98.45	---	PASS
		5825	1.91	1.94	98.45	---	PASS
11N40SISO	Ant1	5755	0.93	0.96	96.88	---	PASS
		5795	0.93	0.96	96.88	---	PASS
11AC20SISO	Ant1	5745	1.91	1.94	98.45	---	PASS
		5785	1.91	1.94	98.45	---	PASS
		5825	1.91	1.94	98.45	---	PASS
11AC40SISO	Ant1	5755	0.94	0.97	96.91	---	PASS
		5795	0.94	0.97	96.91	---	PASS
11AC80SISO	Ant1	5775	0.43	0.46	93.48	---	PASS

Test Graphs

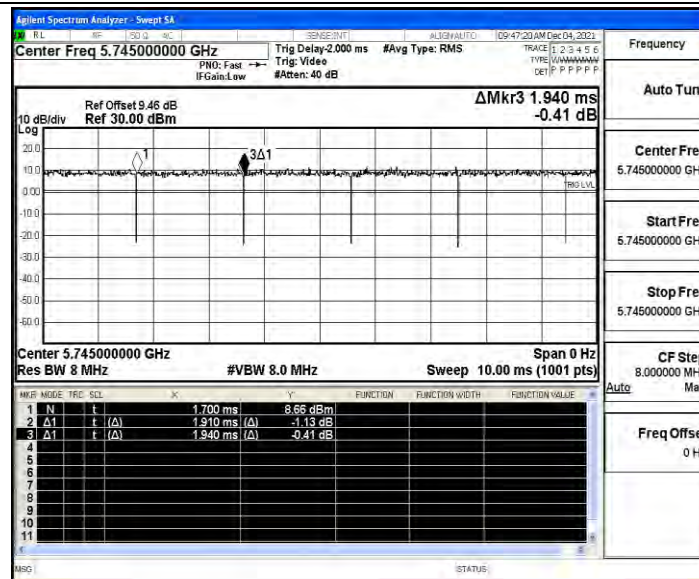




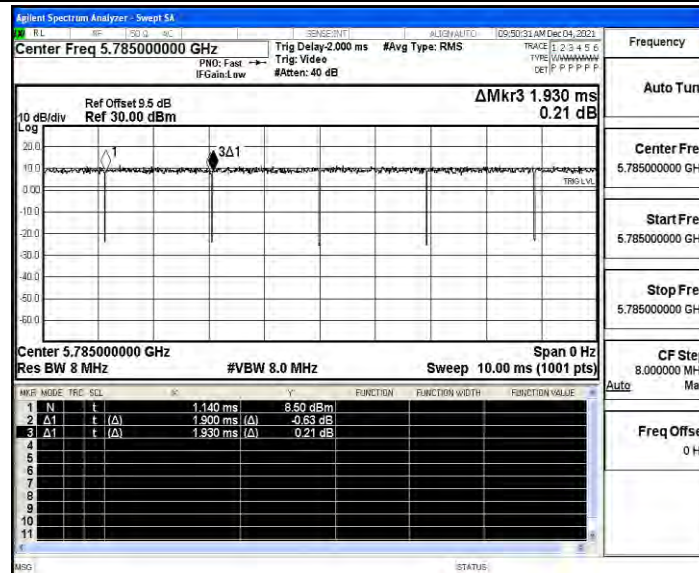
11A_Ant1_5825



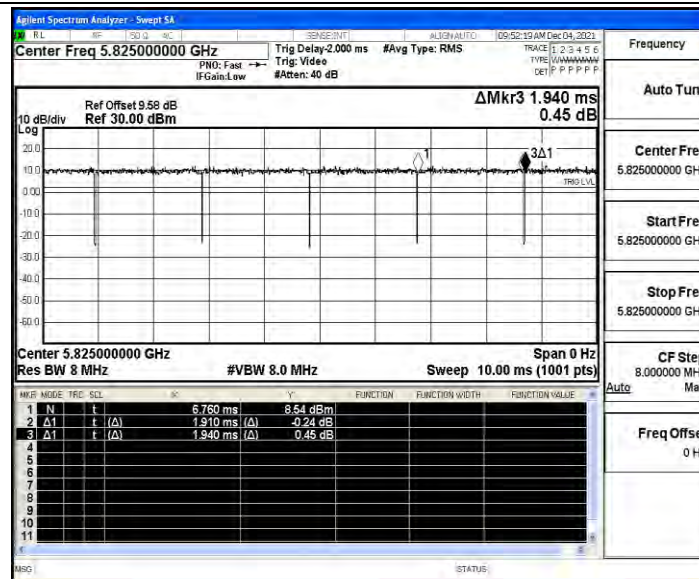
11N20SISO_Ant1_5745



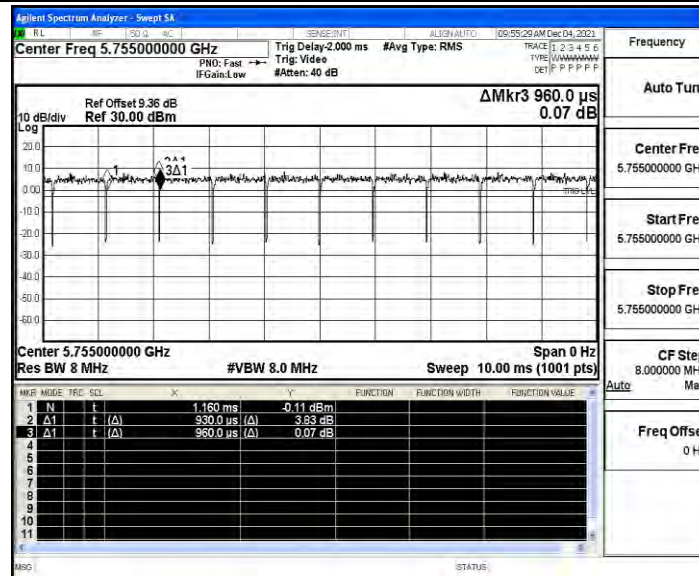
11N20SISO_Ant1_5785



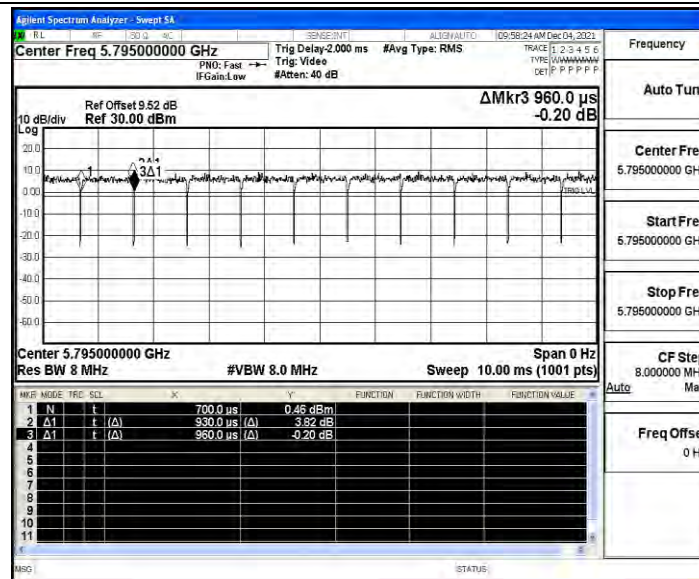
11N20SISO_Ant1_5825



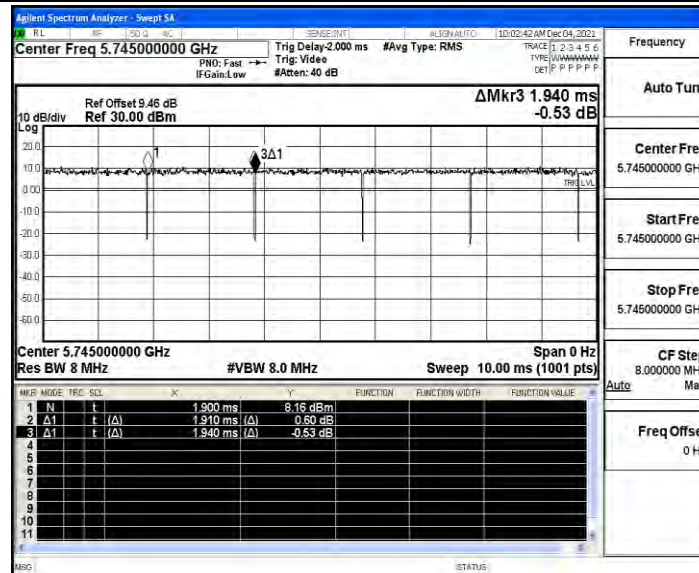
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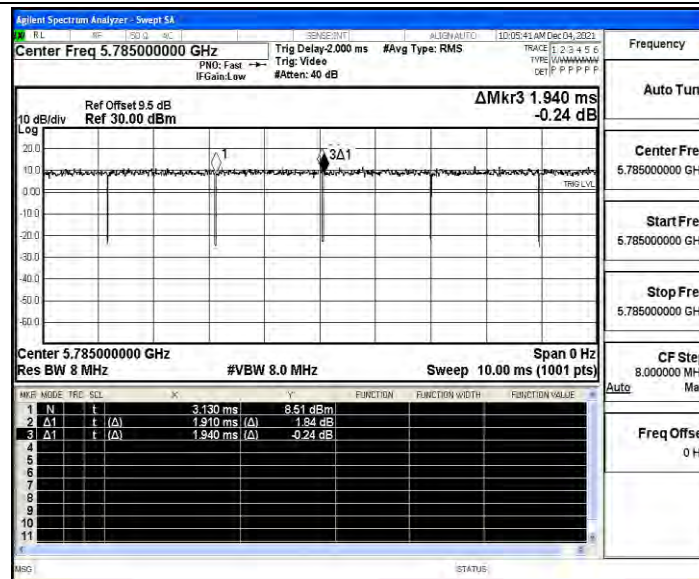
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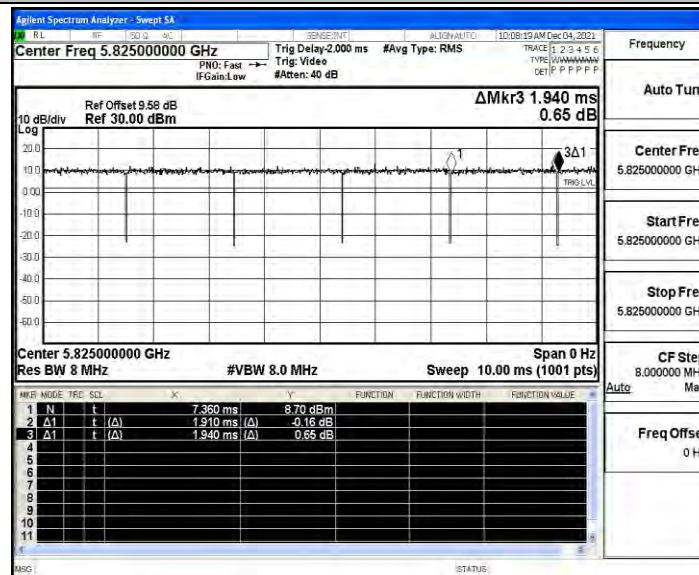
11AC20SISO_Ant1_5745



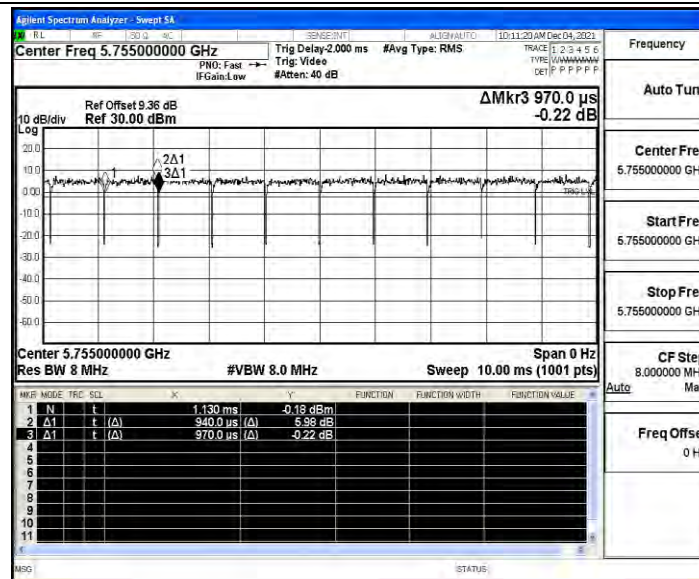
11AC20SISO_Ant1_5785



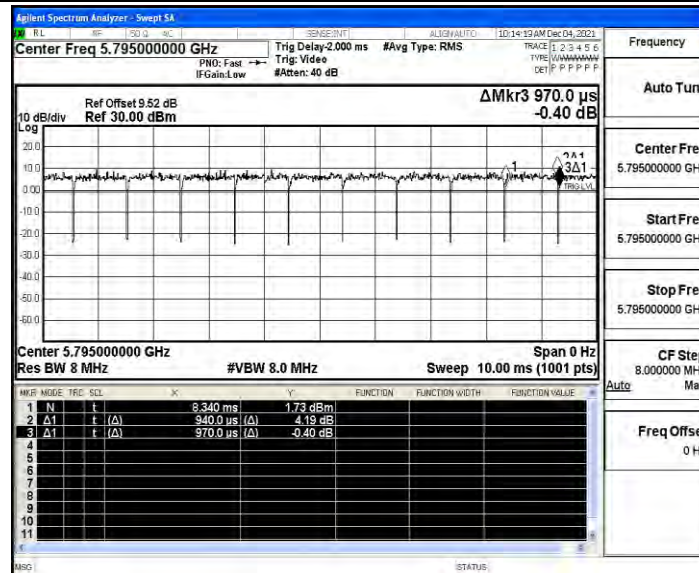
11AC20SISO_Ant1_5825



11AC40SISO_Ant1_5755



11AC40SISO_Ant1_5795



11AC80SISO_Ant1_5775

