

10.3 Appendix A3: Min emission bandwidth

10.3.1 Test Result

TestMode	Antenna	Channel	6dB EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5745	16.360	5736.800	5753.160	0.5	PASS
		5785	16.360	5776.800	5793.160	0.5	PASS
		5825	16.360	5816.800	5833.160	0.5	PASS
11N20SISO	Ant1	5745	17.560	5736.200	5753.760	0.5	PASS
		5785	17.560	5776.200	5793.760	0.5	PASS
		5825	17.560	5816.200	5833.760	0.5	PASS
11N40SISO	Ant1	5755	35.120	5737.400	5772.520	0.5	PASS
		5795	35.120	5777.400	5812.520	0.5	PASS



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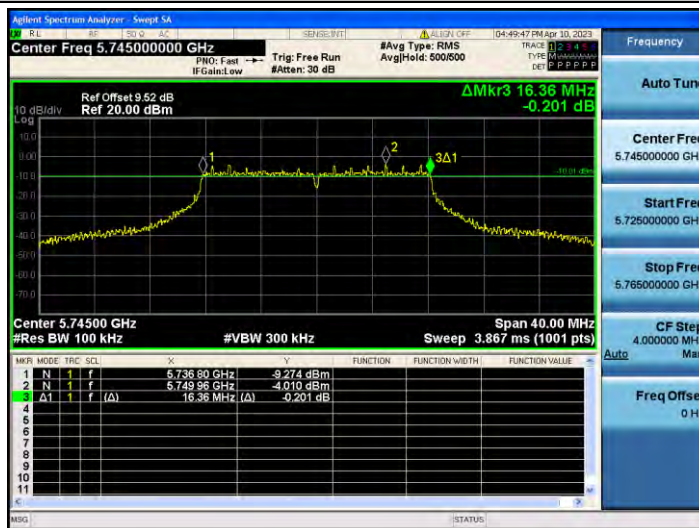
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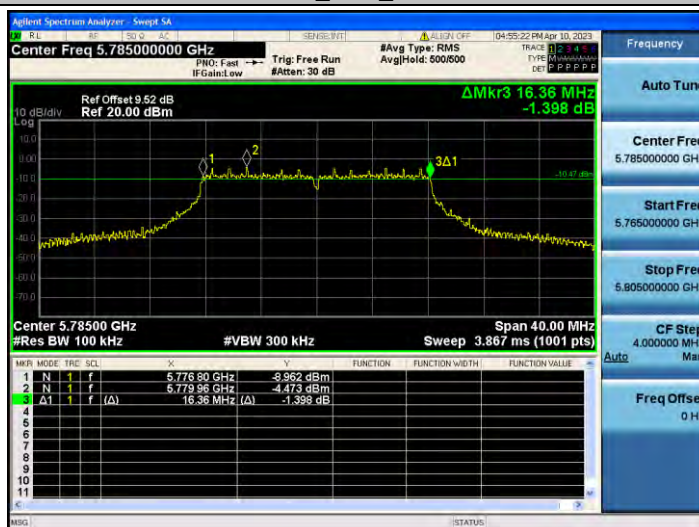
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10.3.2 Test Graphs

11A_Ant1_5745



11A_Ant1_5785



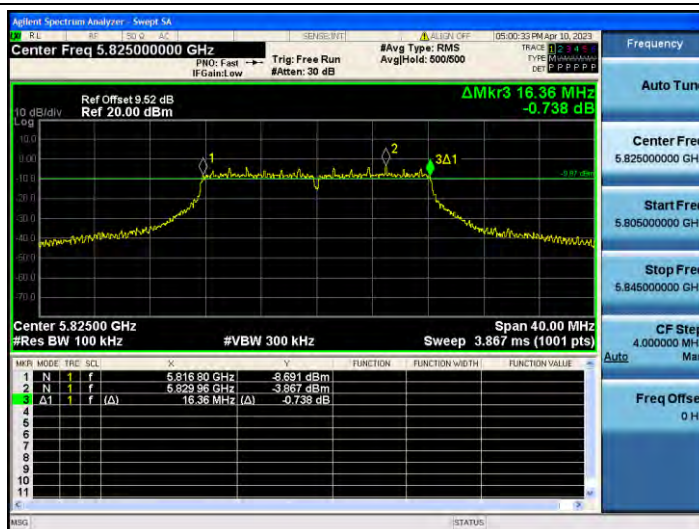
11A_Ant1_5825



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11N20SISO_Ant1_5745



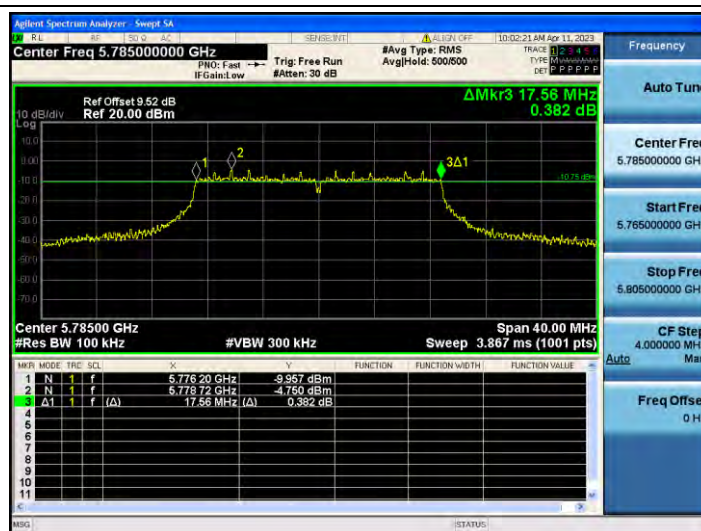
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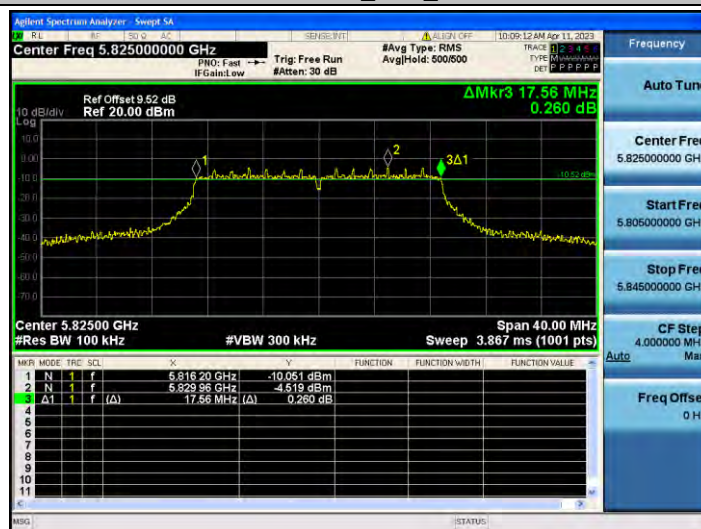
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11N20SISO_Ant1_5825



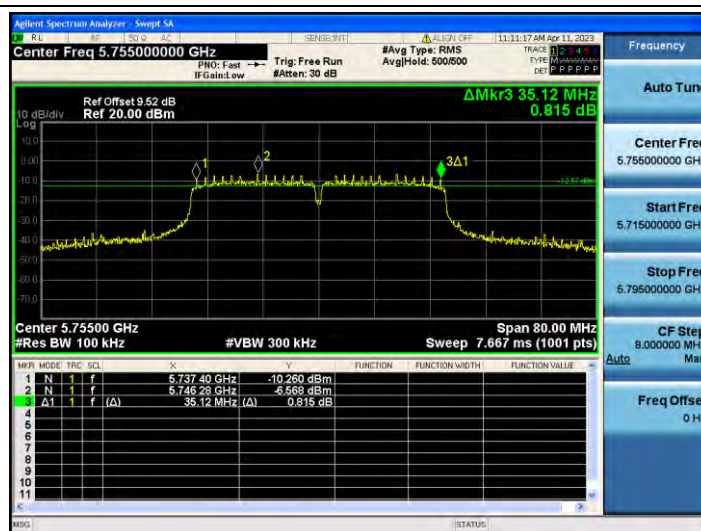
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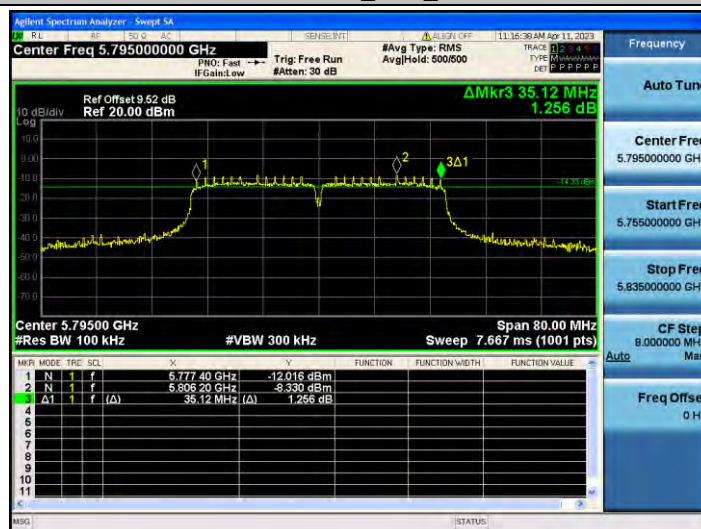
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11N40SISO_Ant1_5795



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10.4 Appendix B: Maximum conducted output power

10.4.1 Test Result For FCC

Test Mode	Antenna	Channel	Level [dBm]	10Log(1/X) Factor [dB]	Power [dBm]	Limit [dBm]	Verdict
11A	Ant1	5180	8.80	0.63	9.43	≤23.98	PASS
		5220	9.09	0.56	9.65	≤23.98	PASS
		5240	9.58	0.60	10.18	≤23.98	PASS
		5260	9.76	0.62	10.38	≤23.98	PASS
		5300	9.37	0.60	9.97	≤23.98	PASS
		5320	9.40	0.60	10.00	≤23.98	PASS
		5500	9.02	0.60	9.62	≤23.98	PASS
		5580	6.56	0.59	7.15	≤23.98	PASS
		5700	6.15	0.60	6.75	≤23.98	PASS
		5745	6.07	0.60	6.67	≤30.00	PASS
		5785	5.68	0.60	6.28	≤30.00	PASS
		5825	6.28	0.60	6.88	≤30.00	PASS
11N20SISO	Ant1	5180	7.97	0.63	8.60	≤23.98	PASS
		5220	7.33	0.64	7.97	≤23.98	PASS
		5240	8.28	0.66	8.94	≤23.98	PASS
		5260	9.18	0.64	9.82	≤23.98	PASS
		5300	9.99	0.64	10.63	≤23.98	PASS
		5320	9.44	0.66	10.10	≤23.98	PASS
		5500	10.65	0.64	11.29	≤23.98	PASS
		5580	8.94	0.63	9.57	≤23.98	PASS
		5700	7.10	0.64	7.74	≤23.98	PASS
		5745	5.99	0.63	6.62	≤30.00	PASS
		5785	5.22	0.63	5.85	≤30.00	PASS
		5825	6.02	0.63	6.65	≤30.00	PASS
11N40SISO	Ant1	5190	8.06	1.18	9.24	≤23.98	PASS
		5230	8.15	1.18	9.33	≤23.98	PASS
		5270	8.57	1.18	9.75	≤23.98	PASS
		5310	8.63	1.20	9.83	≤23.98	PASS
		5510	10.32	1.18	11.50	≤23.98	PASS
		5550	9.94	1.20	11.14	≤23.98	PASS
		5670	7.30	1.20	8.50	≤23.98	PASS
		5755	5.82	1.20	7.02	≤30.00	PASS
		5795	4.69	1.20	5.89	≤30.00	PASS



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10.4.2 Test Result For IC

Test Mode	Antenna	Channel	Level [dBm]	10Log(1/X) Factor [dB]	Power [dBm]	EIRP [dBm]	Limit [dBm]	Verdict
11A	Ant1	5180	8.80	0.63	9.43	13.23	≤23.01	PASS
		5220	9.09	0.56	9.65	13.45	≤23.01	PASS
		5240	9.58	0.60	10.18	13.98	≤23.01	PASS
		5260	9.76	0.62	10.38	---	≤23.98	PASS
		5300	9.37	0.60	9.97	---	≤23.98	PASS
		5320	9.40	0.60	10.00	---	≤23.98	PASS
		5500	9.02	0.60	9.62	---	≤23.98	PASS
		5580	6.56	0.59	7.15	---	≤23.98	PASS
		5700	6.15	0.60	6.75	---	≤23.98	PASS
		5745	6.07	0.60	6.67	---	≤30.00	PASS
		5785	5.68	0.60	6.28	---	≤30.00	PASS
		5825	6.28	0.60	6.88	---	≤30.00	PASS
11N20SISO	Ant1	5180	7.97	0.63	8.60	12.4	≤23.01	PASS
		5220	7.33	0.64	7.97	11.77	≤23.01	PASS
		5240	8.28	0.66	8.94	12.74	≤23.01	PASS
		5260	9.18	0.64	9.82	---	≤23.98	PASS
		5300	9.99	0.64	10.63	---	≤23.98	PASS
		5320	9.44	0.66	10.10	---	≤23.98	PASS
		5500	10.65	0.64	11.29	---	≤23.98	PASS
		5580	8.94	0.63	9.57	---	≤23.98	PASS
		5700	7.10	0.64	7.74	---	≤23.98	PASS
		5745	5.99	0.63	6.62	---	≤30.00	PASS
		5785	5.22	0.63	5.85	---	≤30.00	PASS
		5825	6.02	0.63	6.65	---	≤30.00	PASS
11N40SISO	Ant1	5190	8.06	1.18	9.24	13.04	≤23.01	PASS
		5230	8.15	1.18	9.33	13.13	≤23.01	PASS
		5270	8.57	1.18	9.75	---	≤23.98	PASS
		5310	8.63	1.20	9.83	---	≤23.98	PASS
		5510	10.32	1.18	11.50	---	≤23.98	PASS
		5550	9.94	1.20	11.14	---	≤23.98	PASS
		5670	7.30	1.20	8.50	---	≤23.98	PASS
		5755	5.82	1.20	7.02	---	≤30.00	PASS
		5795	4.69	1.20	5.89	---	≤30.00	PASS

Note: EIRP=Power[dBm] + Antenna Gain



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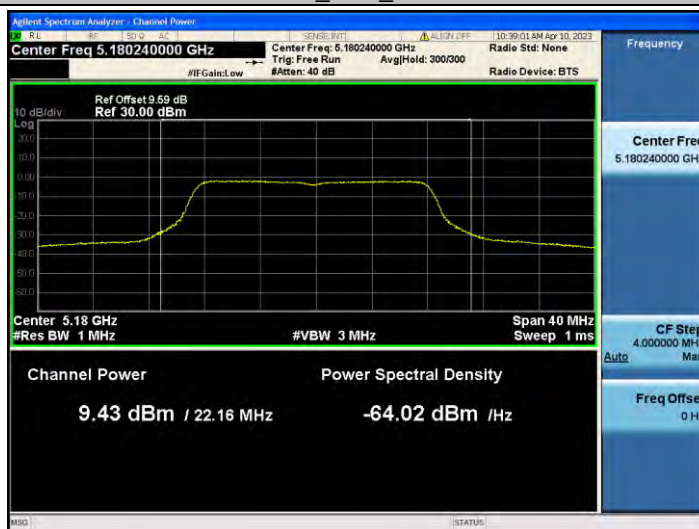
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10.4.3 Test Graphs

11A_Ant1_5180



11A_Ant1_5220



11A_Ant1_5240



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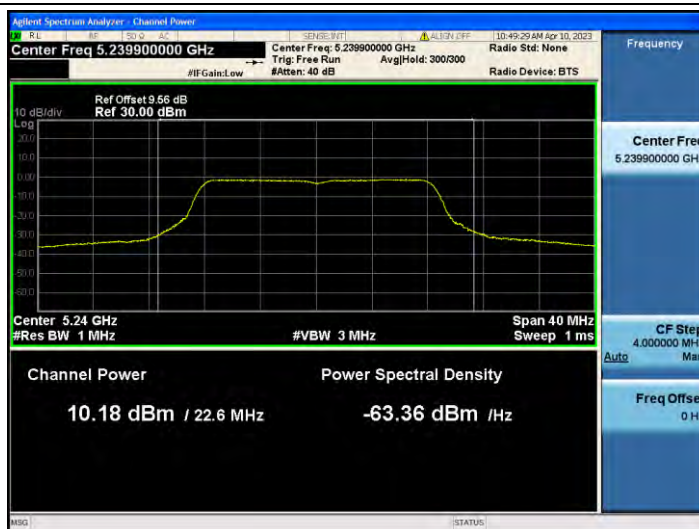
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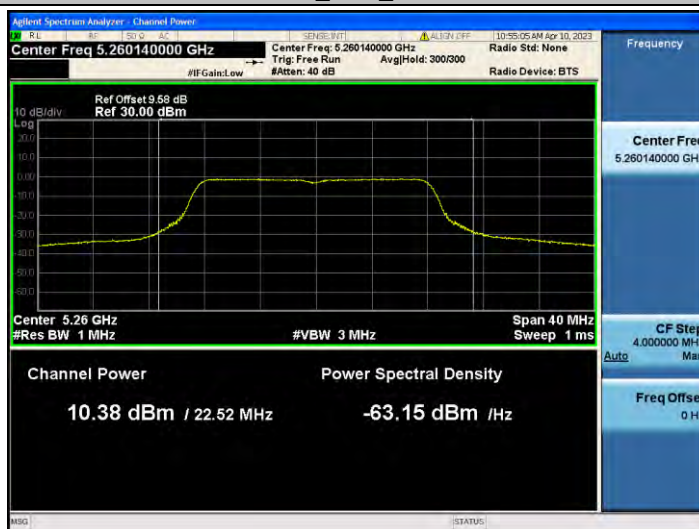
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11A_Ant1_5260



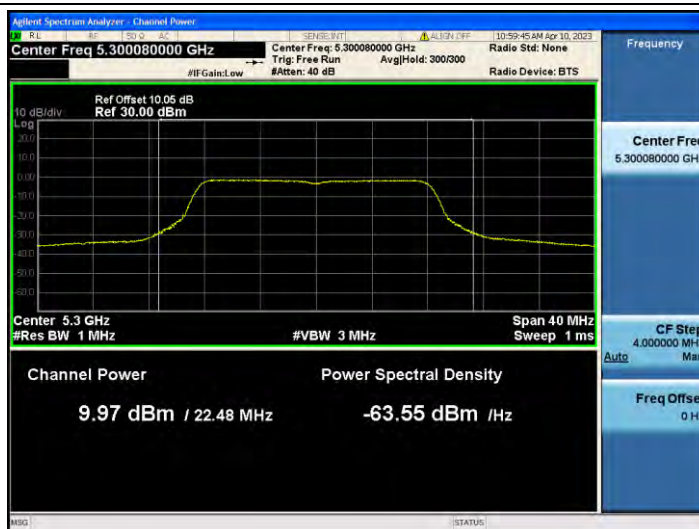
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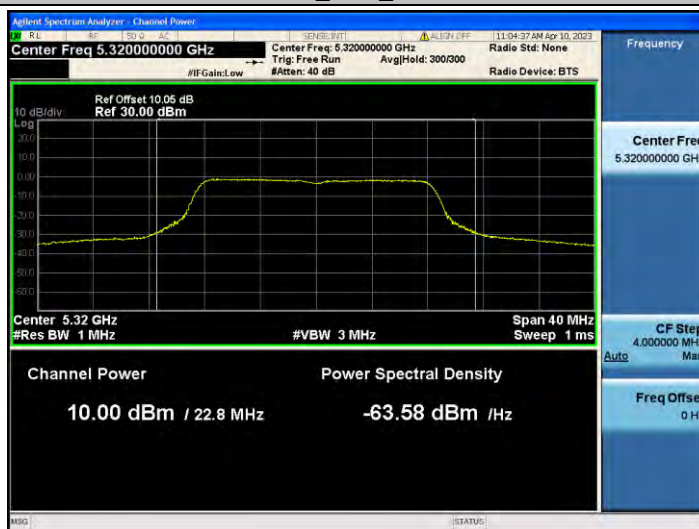
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11A_Ant1_5320



11A_Ant1_5500



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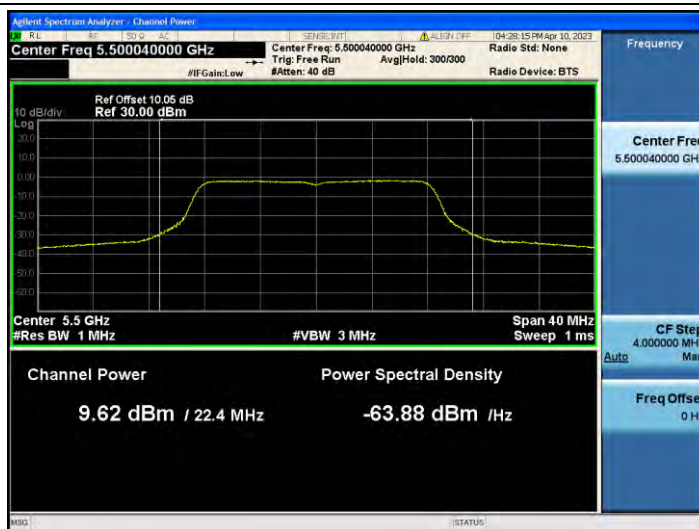
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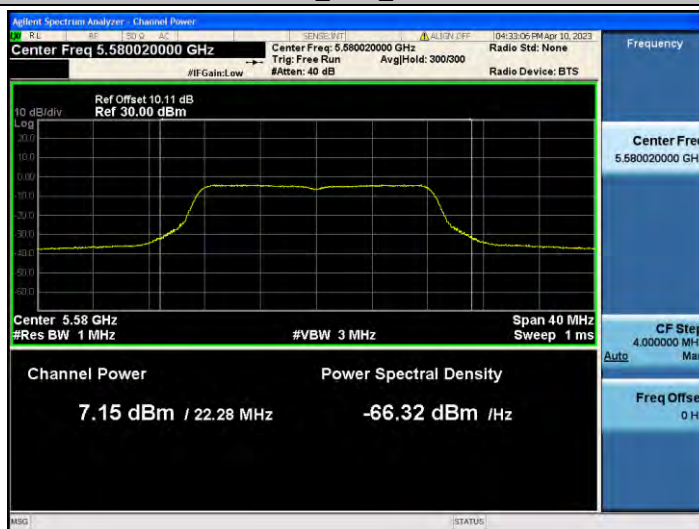
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11A_Ant1_5580



11A_Ant1_5700



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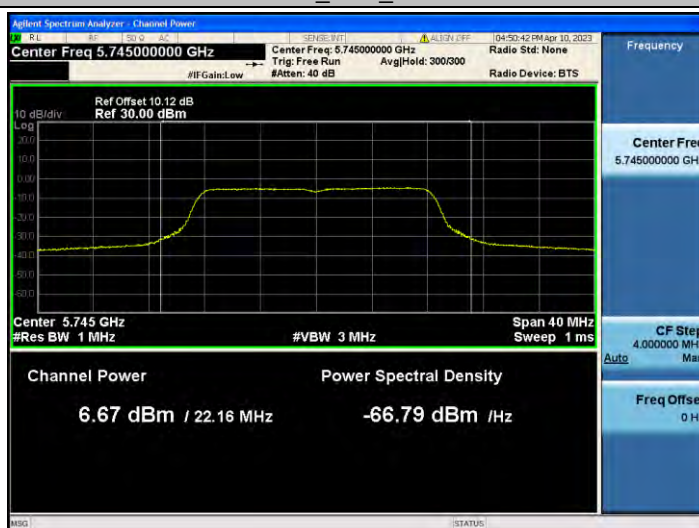
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11A_Ant1_5745



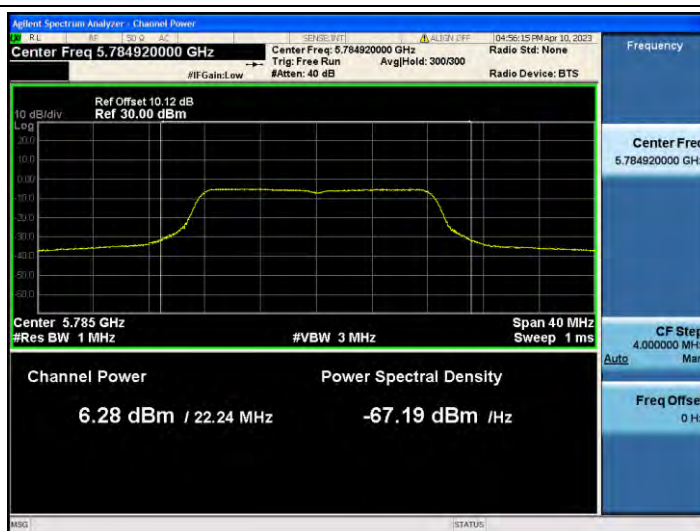
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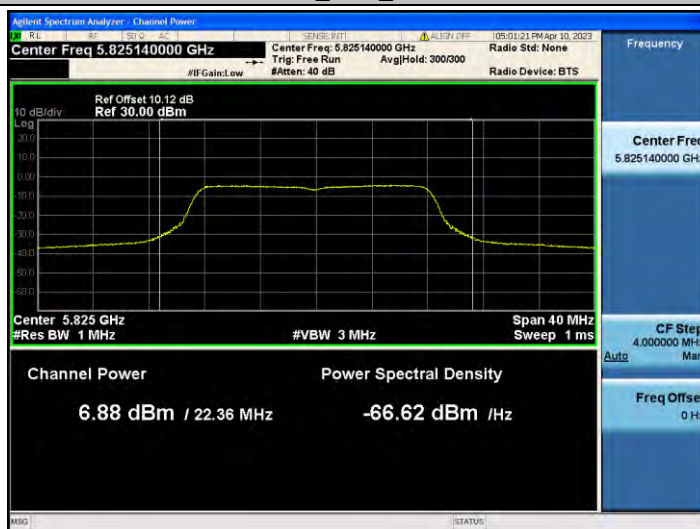
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11A_Ant1_5825



11N20SISO_Ant1_5180



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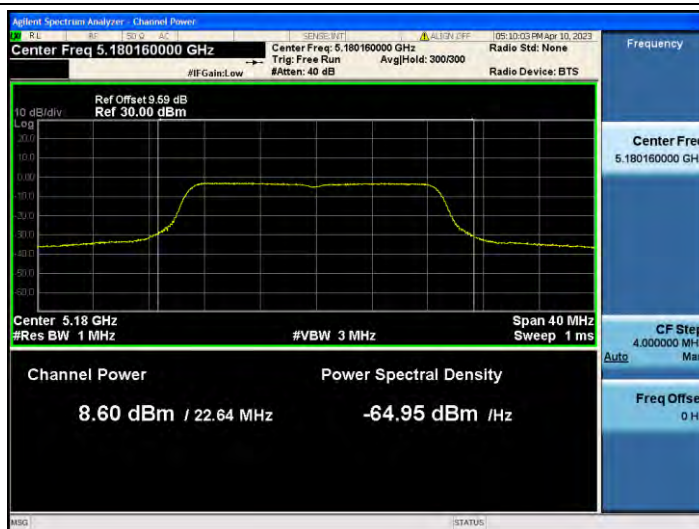
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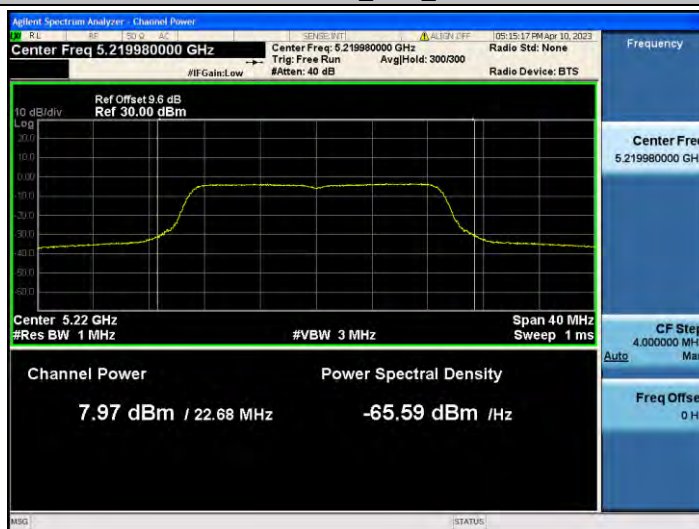
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11N20SISO_Ant1_5220



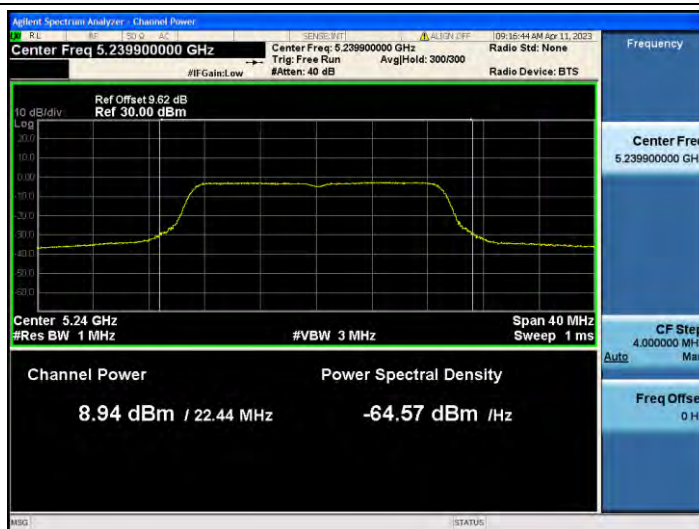
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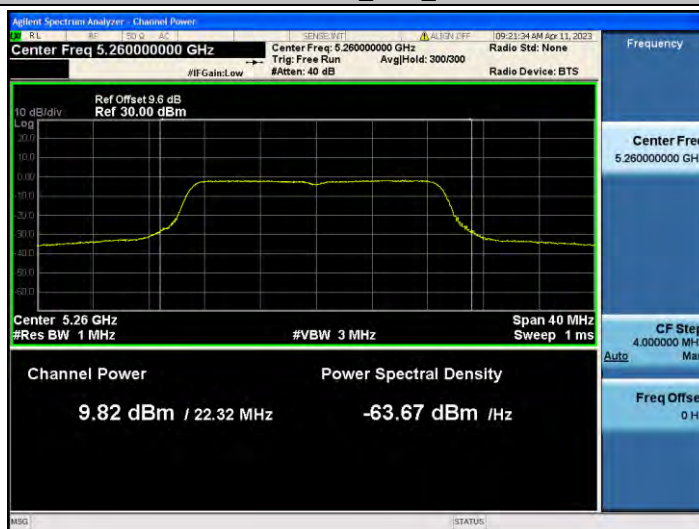
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11N20SISO_Ant1_5260



11N20SISO_Ant1_5300



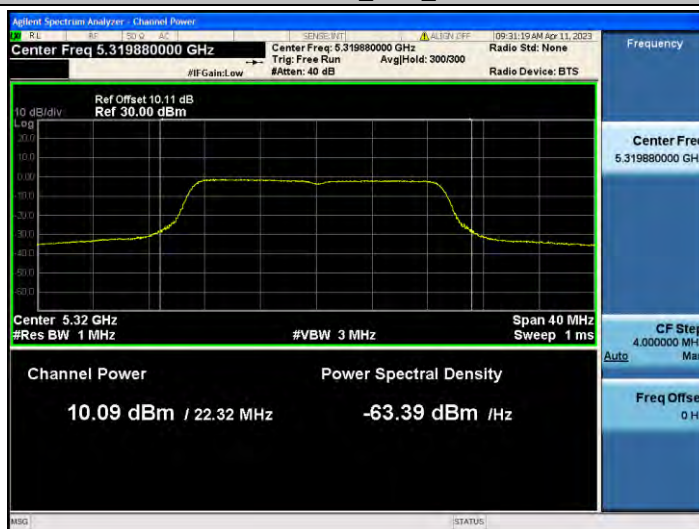
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11N20SISO_Ant1_5320



11N20SISO_Ant1_5500



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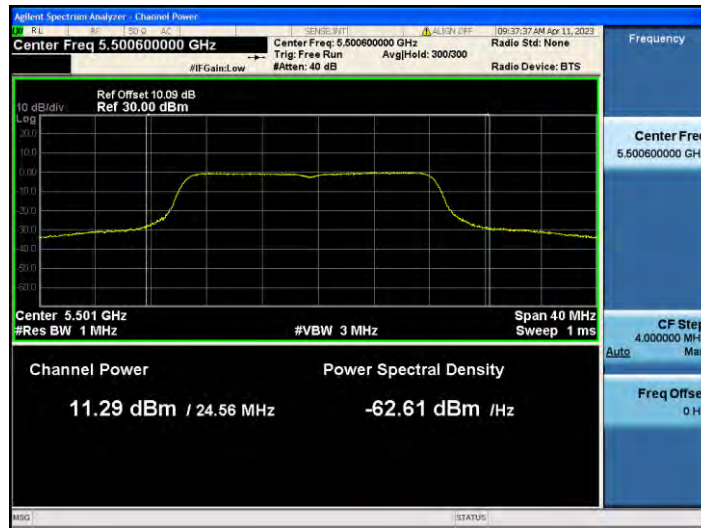
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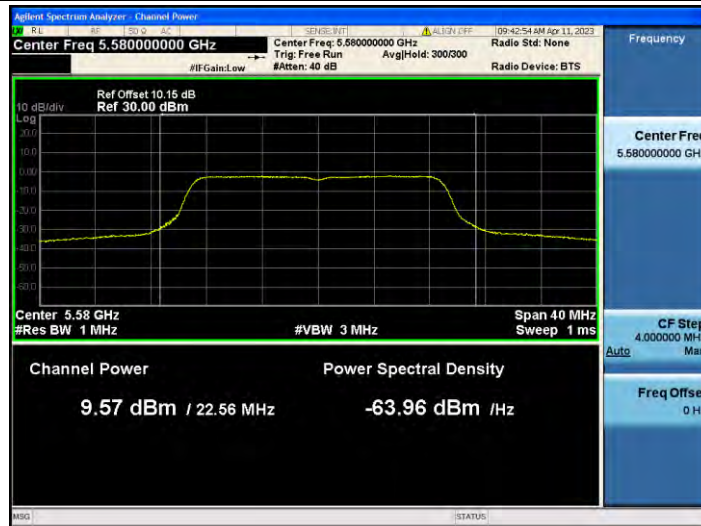
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11N20SISO_Ant1_5580



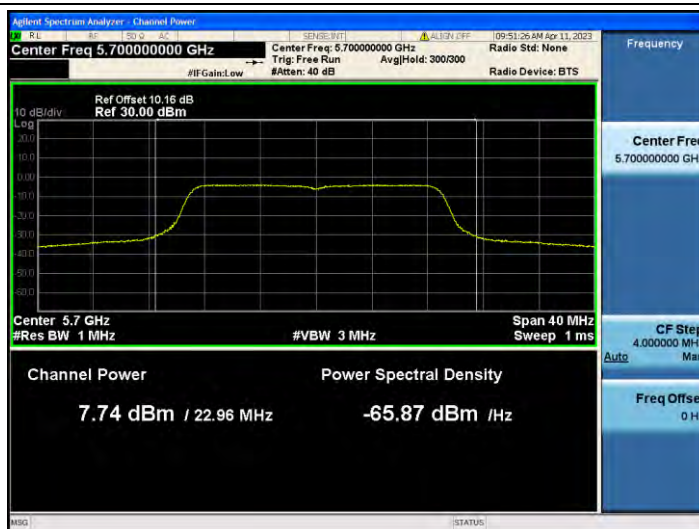
11N20SISO_Ant1_5700



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11N20SISO_Ant1_5745



11N20SISO_Ant1_5785



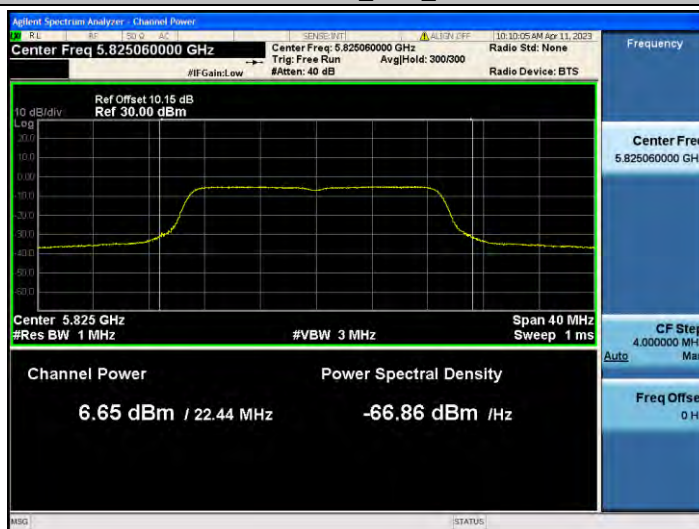
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11N20SISO_Ant1_5825



11N40SISO_Ant1_5190



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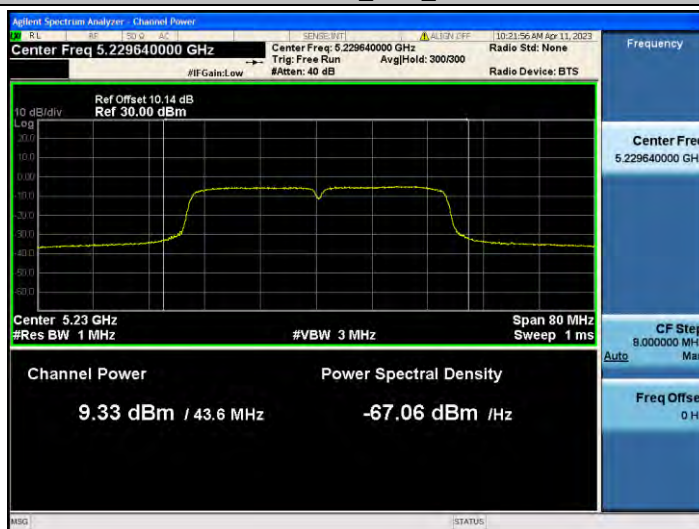
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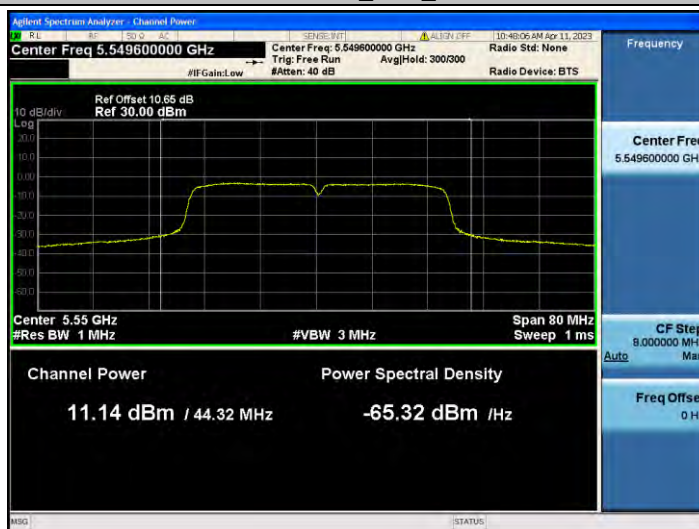
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10.5 Appendix C: Maximum power spectral density

10.5.1 Test Result For FCC

TestMode	Antenna	Channel	Level [dBm/MHz]	10Log(1/X) Factor [dB]	PSD [dBm/MHz]	Limit [dBm/MHz]	Verdict
11A	Ant1	5180	-1.59	0.63	-0.96	≤11.00	PASS
		5220	-1.67	0.56	-1.11	≤11.00	PASS
		5240	-1.22	0.60	-0.62	≤11.00	PASS
		5260	-1.12	0.62	-0.5	≤11.00	PASS
		5300	-2.06	0.60	-1.46	≤11.00	PASS
		5320	-1.36	0.60	-0.76	≤11.00	PASS
		5500	-1.60	0.60	-1	≤11.00	PASS
		5580	-3.96	0.59	-3.37	≤11.00	PASS
		5700	-5.37	0.60	-4.77	≤11.00	PASS
		5745	-9.98	0.60	-7.16	≤30.00	PASS
		5785	-10.47	0.60	-7.65	≤30.00	PASS
		5825	-10.00	0.60	-7.18	≤30.00	PASS
11N20SISO	Ant1	5180	-3.55	0.63	-2.92	≤11.00	PASS
		5220	-3.89	0.64	-3.25	≤11.00	PASS
		5240	-2.54	0.66	-1.88	≤11.00	PASS
		5260	-2.02	0.64	-1.38	≤11.00	PASS
		5300	-1.18	0.64	-0.54	≤11.00	PASS
		5320	-1.42	0.66	-0.76	≤11.00	PASS
		5500	-0.88	0.64	-0.24	≤11.00	PASS
		5580	-2.02	0.63	-1.39	≤11.00	PASS
		5700	-4.37	0.64	-3.73	≤11.00	PASS
		5745	-9.94	0.63	-7.09	≤30.00	PASS
		5785	-10.52	0.63	-7.67	≤30.00	PASS
		5825	-10.64	0.63	-7.79	≤30.00	PASS
11N40SISO	Ant1	5190	-5.60	1.18	-4.42	≤11.00	PASS
		5230	-5.66	1.18	-4.48	≤11.00	PASS
		5270	-5.70	1.18	-4.52	≤11.00	PASS
		5310	-5.22	1.20	-4.02	≤11.00	PASS
		5510	-3.46	1.18	-2.28	≤11.00	PASS
		5550	-4.05	1.20	-2.85	≤11.00	PASS
		5670	-6.58	1.20	-5.38	≤11.00	PASS
		5755	-13.23	1.20	-9.81	≤30.00	PASS
		5795	-14.49	1.20	-11.07	≤30.00	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.



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10.5.2 Test Result For IC

TestMode	Antenna	Channel	Level [dBm/MHz]	10Log(1/X) Factor [dB]	PSD [dBm/MHz]	EIRP PSD [dBm/MHz]	Limit [dBm/MHz]	Verdict
11A	Ant1	5180	-1.59	0.63	-0.96	2.84	≤10.00	PASS
		5220	-1.67	0.56	-1.11	2.69	≤10.00	PASS
		5240	-1.22	0.60	-0.62	3.18	≤10.00	PASS
		5260	-1.12	0.62	-0.5	3.3	≤11.00	PASS
		5300	-2.06	0.60	-1.46	2.34	≤11.00	PASS
		5320	-1.36	0.60	-0.76	3.04	≤11.00	PASS
		5500	-1.60	0.60	-1	2.8	≤11.00	PASS
		5580	-3.96	0.59	-3.37	0.43	≤11.00	PASS
		5700	-5.37	0.60	-4.77	-0.97	≤11.00	PASS
		5745	-9.98	0.60	-7.16	-3.36	≤30.00	PASS
		5785	-10.47	0.60	-7.65	-3.85	≤30.00	PASS
		5825	-10.00	0.60	-7.18	-3.38	≤30.00	PASS
11N20SISO	Ant1	5180	-3.55	0.63	-2.92	0.88	≤10.00	PASS
		5220	-3.89	0.64	-3.25	0.55	≤10.00	PASS
		5240	-2.54	0.66	-1.88	1.92	≤10.00	PASS
		5260	-2.02	0.64	-1.38	2.42	≤11.00	PASS
		5300	-1.18	0.64	-0.54	3.26	≤11.00	PASS
		5320	-1.42	0.66	-0.76	3.04	≤11.00	PASS
		5500	-0.88	0.64	-0.24	3.56	≤11.00	PASS
		5580	-2.02	0.63	-1.39	2.41	≤11.00	PASS
		5700	-4.37	0.64	-3.73	0.07	≤11.00	PASS
		5745	-9.94	0.63	-7.09	-3.29	≤30.00	PASS
		5785	-10.52	0.63	-7.67	-3.87	≤30.00	PASS
		5825	-10.64	0.63	-7.79	-3.99	≤30.00	PASS
11N40SISO	Ant1	5190	-5.60	1.18	-4.42	-0.62	≤10.00	PASS
		5230	-5.66	1.18	-4.48	-0.68	≤10.00	PASS
		5270	-5.70	1.18	-4.52	-0.72	≤11.00	PASS
		5310	-5.22	1.20	-4.02	-0.22	≤11.00	PASS
		5510	-3.46	1.18	-2.28	1.52	≤11.00	PASS
		5550	-4.05	1.20	-2.85	0.95	≤11.00	PASS
		5670	-6.58	1.20	-5.38	-1.58	≤11.00	PASS
		5755	-13.23	1.20	-9.81	-6.01	≤30.00	PASS
		5795	-14.49	1.20	-11.07	-7.27	≤30.00	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.



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10.5.3 Test Graphs

11A_Ant1_5180



11A_Ant1_5220



11A_Ant1_5240



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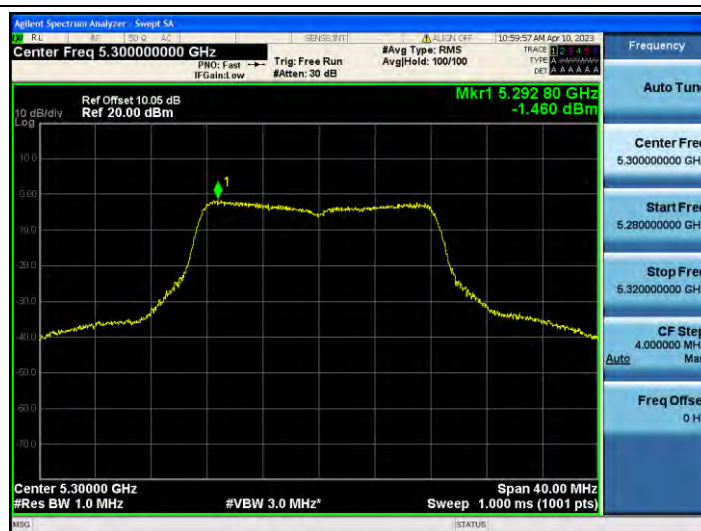


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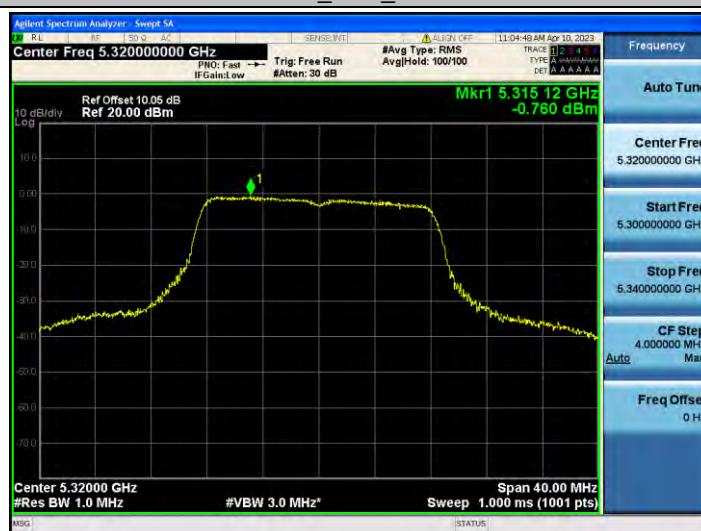


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11A_Ant1_5320



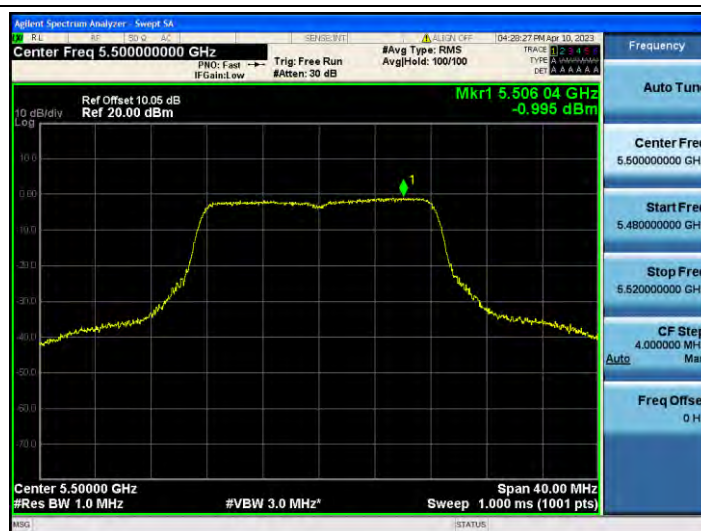
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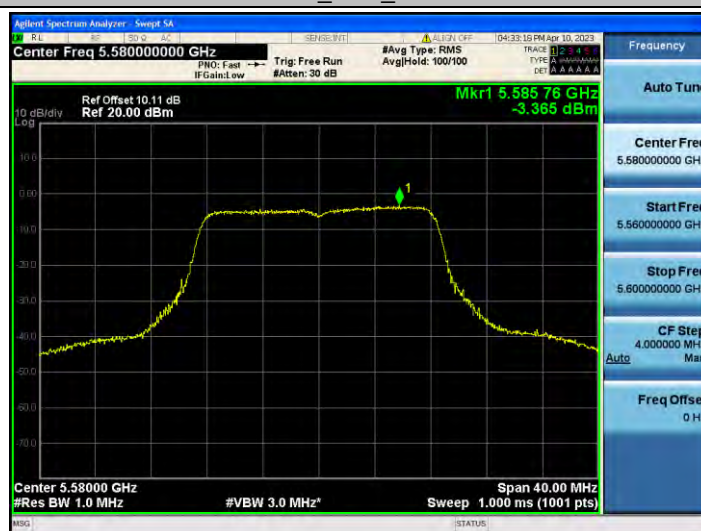
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11A_Ant1_5580



11A_Ant1_5700



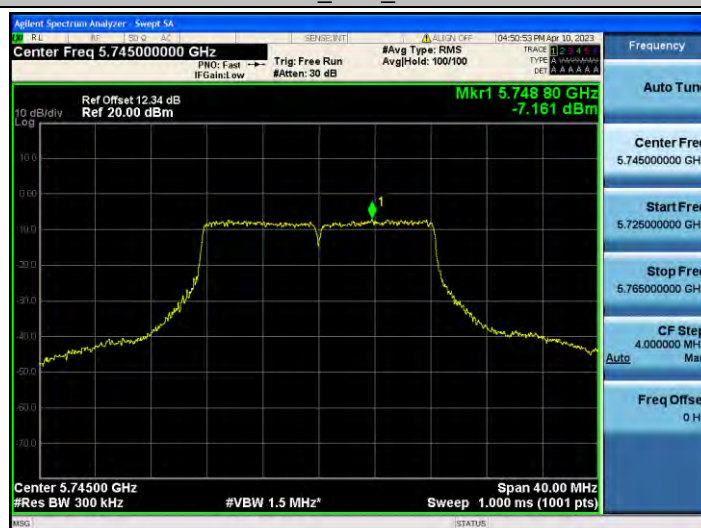
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11A_Ant1_5745



11A_Ant1_5785



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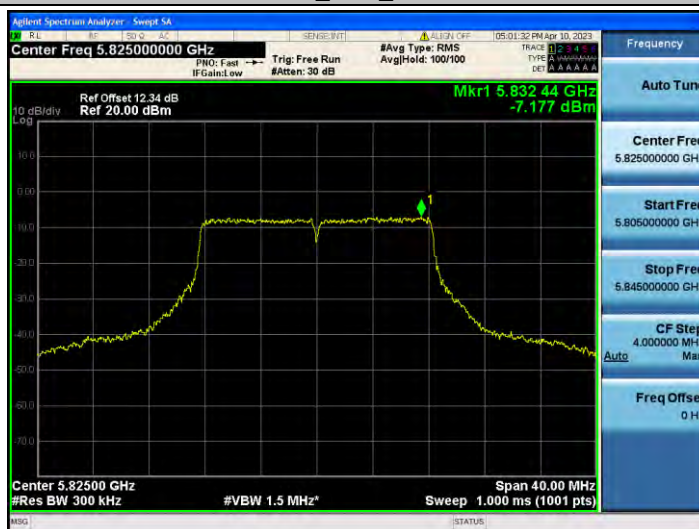
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11A_Ant1_5825



11N20SISO_Ant1_5180



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11N20SISO_Ant1_5220



11N20SISO_Ant1_5240



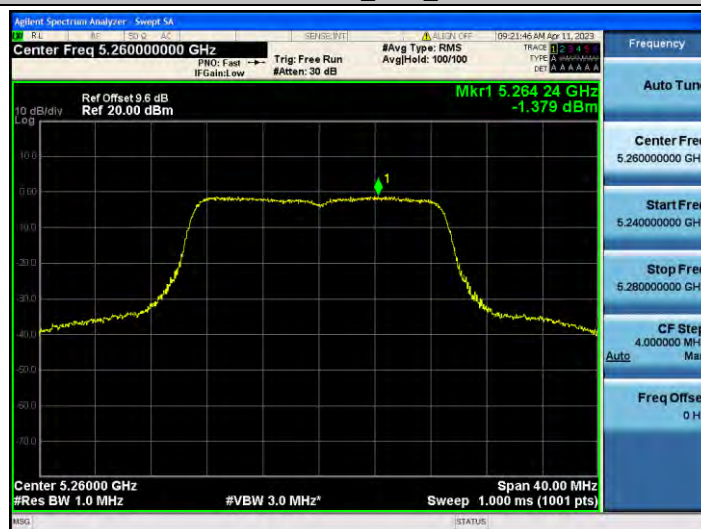
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11N20SISO_Ant1_5260



11N20SISO_Ant1_5300



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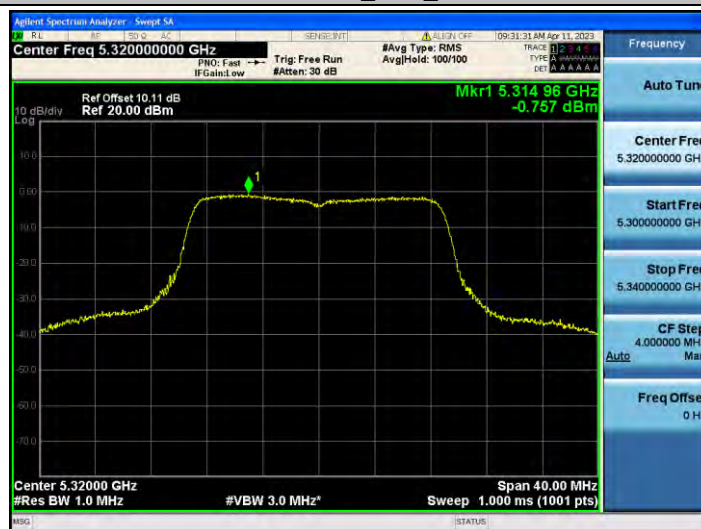
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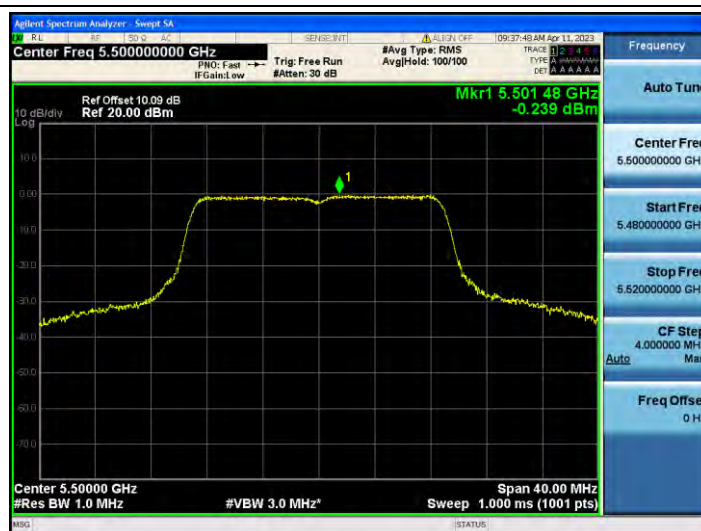


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11N20SISO_Ant1_5580



11N20SISO_Ant1_5700



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11N20SISO_Ant1_5745



11N20SISO_Ant1_5785



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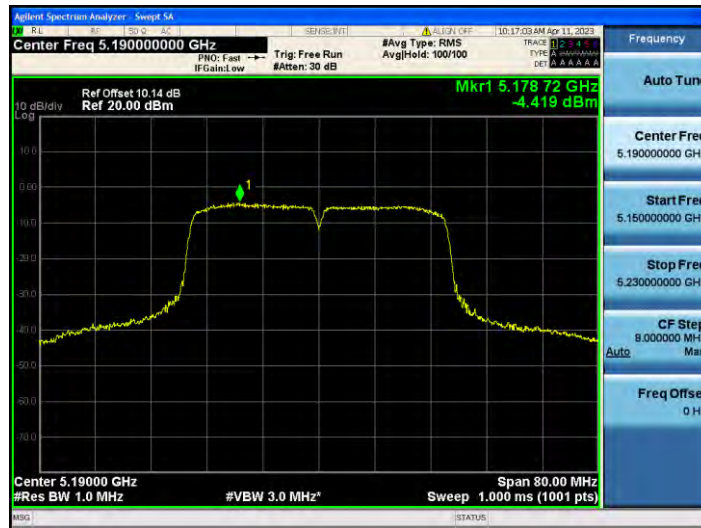


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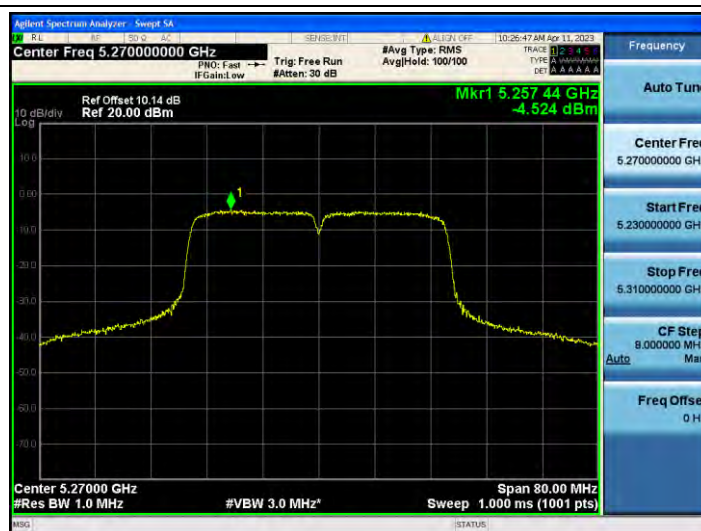
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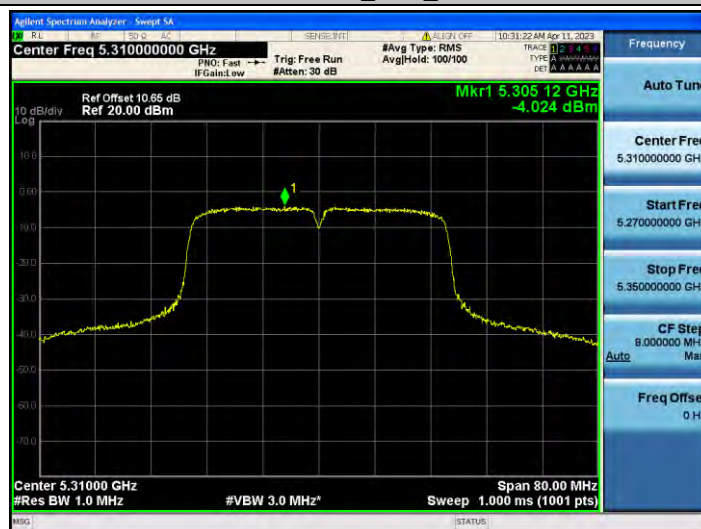
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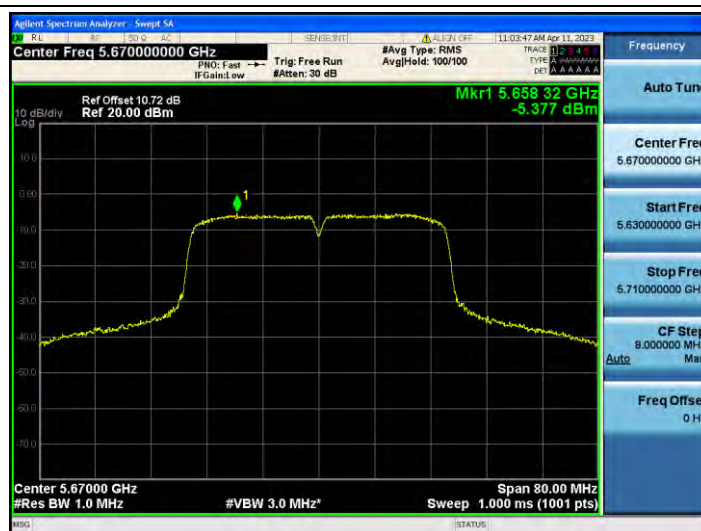


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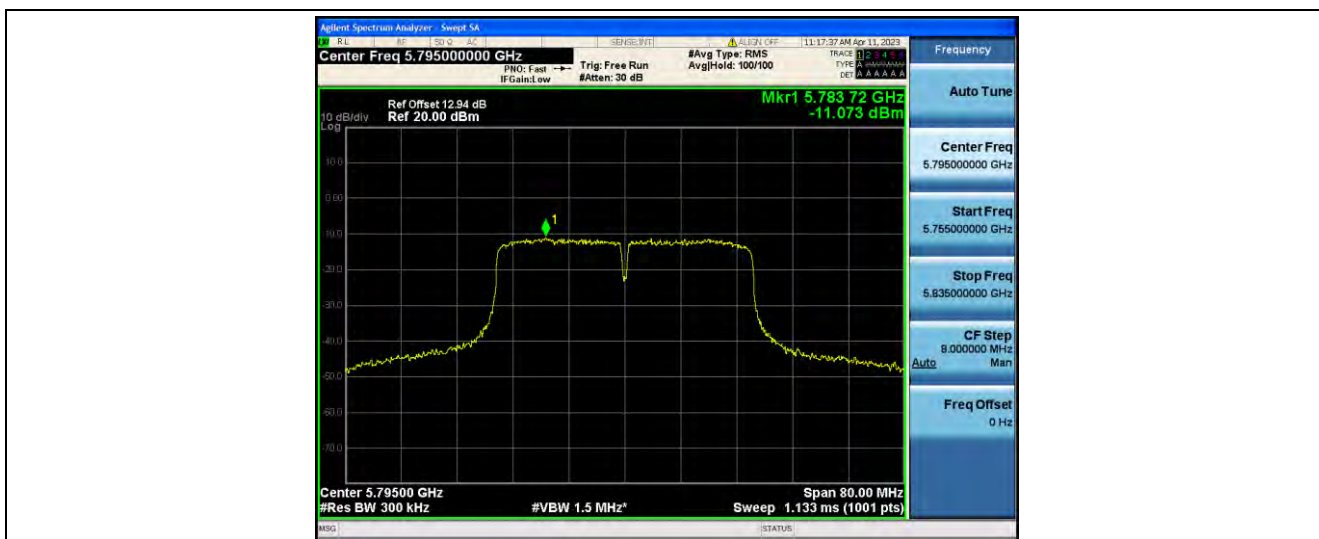
11N40SISO_Ant1_5795



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10.6 Appendix D: Frequency Stability

10.6.1 Test Result

TestMode	Antenna	Channel	Voltage					Verdict
			Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	
11A	Ant1	5180	NV	NT	20000.00	3.861004	±20	PASS
			LV	NT	0.00	0.000000	±20	PASS
			HV	NT	0.00	0.000000	±20	PASS
		5220	NV	NT	20000.00	3.831418	±20	PASS
			LV	NT	0.00	0.000000	±20	PASS
			HV	NT	20000.00	3.831418	±20	PASS
		5240	NV	NT	0.00	0.000000	±20	PASS
			LV	NT	0.00	0.000000	±20	PASS
			HV	NT	0.00	0.000000	±20	PASS
		5260	NV	NT	0.00	0.000000	±20	PASS
			LV	NT	0.00	0.000000	±20	PASS
			HV	NT	0.00	0.000000	±20	PASS
		5300	NV	NT	0.00	0.000000	±20	PASS
			LV	NT	0.00	0.000000	±20	PASS
			HV	NT	0.00	0.000000	±20	PASS
		5320	NV	NT	0.00	0.000000	±20	PASS
			LV	NT	0.00	0.000000	±20	PASS
			HV	NT	-20000.00	-3.759398	±20	PASS
		5500	NV	NT	0.00	0.000000	±20	PASS
			LV	NT	0.00	0.000000	±20	PASS
			HV	NT	0.00	0.000000	±20	PASS
		5580	NV	NT	-20000.00	-3.584229	±20	PASS
			LV	NT	0.00	0.000000	±20	PASS
			HV	NT	-20000.00	-3.584229	±20	PASS
		5700	NV	NT	-40000.00	-7.017544	±20	PASS
			LV	NT	-40000.00	-7.017544	±20	PASS
			HV	NT	-40000.00	-7.017544	±20	PASS
		5745	NV	NT	-40000.00	-6.962576	±20	PASS
			LV	NT	-20000.00	-3.481288	±20	PASS
			HV	NT	-20000.00	-3.481288	±20	PASS
		5785	NV	NT	-40000.00	-6.914434	±20	PASS
			LV	NT	-40000.00	-6.914434	±20	PASS
			HV	NT	-40000.00	-6.914434	±20	PASS
		5825	NV	NT	-40000.00	-6.866953	±20	PASS
			LV	NT	-20000.00	-3.433476	±20	PASS
			HV	NT	-20000.00	-3.433476	±20	PASS



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Report No.: SHCR230300042404

Page: 215 of 241

11N20SISO	Ant1	5180	NV	NT	-40000.00	-7.722008	±20	PASS
			LV	NT	-40000.00	-7.722008	±20	PASS
			HV	NT	-40000.00	-7.722008	±20	PASS
		5220	NV	NT	-40000.00	-7.662835	±20	PASS
			LV	NT	-40000.00	-7.662835	±20	PASS
			HV	NT	-20000.00	-3.831418	±20	PASS
		5240	NV	NT	-20000.00	-3.816794	±20	PASS
			LV	NT	0.00	0.000000	±20	PASS
			HV	NT	-20000.00	-3.816794	±20	PASS
		5260	NV	NT	-20000.00	-3.802281	±20	PASS
			LV	NT	0.00	0.000000	±20	PASS
			HV	NT	-20000.00	-3.802281	±20	PASS
		5300	NV	NT	-20000.00	-3.773585	±20	PASS
			LV	NT	-20000.00	-3.773585	±20	PASS
			HV	NT	-20000.00	-3.773585	±20	PASS
		5320	NV	NT	-40000.00	-7.518797	±20	PASS
			LV	NT	-20000.00	-3.759398	±20	PASS
			HV	NT	-40000.00	-7.518797	±20	PASS
		5500	NV	NT	-20000.00	-3.636364	±20	PASS
			LV	NT	-20000.00	-3.636364	±20	PASS
			HV	NT	-20000.00	-3.636364	±20	PASS
		5580	NV	NT	-20000.00	-3.584229	±20	PASS
			LV	NT	-20000.00	-3.584229	±20	PASS
			HV	NT	-20000.00	-3.584229	±20	PASS
		5700	NV	NT	-20000.00	-3.508772	±20	PASS
			LV	NT	-20000.00	-3.508772	±20	PASS
			HV	NT	-40000.00	-7.017544	±20	PASS
		5745	NV	NT	-20000.00	-3.481288	±20	PASS
			LV	NT	-40000.00	-6.962576	±20	PASS
			HV	NT	-20000.00	-3.481288	±20	PASS
		5785	NV	NT	-20000.00	-3.457217	±20	PASS
			LV	NT	-40000.00	-6.914434	±20	PASS
			HV	NT	-40000.00	-6.914434	±20	PASS
		5825	NV	NT	-40000.00	-6.866953	±20	PASS
			LV	NT	-20000.00	-3.433476	±20	PASS
			HV	NT	-40000.00	-6.866953	±20	PASS
11N40SISO	Ant1	5190	NV	NT	0.00	0.000000	±20	PASS
			LV	NT	-40000.00	-7.707129	±20	PASS
			HV	NT	-80000.00	-15.414258	±20	PASS
		5230	NV	NT	0.00	0.000000	±20	PASS
			LV	NT	0.00	0.000000	±20	PASS
			HV	NT	-40000.00	-7.648184	±20	PASS
		5270	NV	NT	0.00	0.000000	±20	PASS



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Page: 216 of 241

			LV	NT	0.00	0.000000	±20	PASS
			HV	NT	0.00	0.000000	±20	PASS
		5310	NV	NT	-40000.00	-7.532957	±20	PASS
			LV	NT	0.00	0.000000	±20	PASS
			HV	NT	-40000.00	-7.532957	±20	PASS
		5510	NV	NT	0.00	0.000000	±20	PASS
			LV	NT	0.00	0.000000	±20	PASS
			HV	NT	-40000.00	-7.259528	±20	PASS
		5550	NV	NT	0.00	0.000000	±20	PASS
			LV	NT	0.00	0.000000	±20	PASS
			HV	NT	-80000.00	-14.414414	±20	PASS
		5670	NV	NT	0.00	0.000000	±20	PASS
			LV	NT	0.00	0.000000	±20	PASS
			HV	NT	0.00	0.000000	±20	PASS
		5755	NV	NT	-80000.00	-13.900956	±20	PASS
			LV	NT	0.00	0.000000	±20	PASS
			HV	NT	0.00	0.000000	±20	PASS
		5795	NV	NT	0.00	0.000000	±20	PASS
			LV	NT	0.00	0.000000	±20	PASS
			HV	NT	0.00	0.000000	±20	PASS

Temperature								
TestMode	Antenna	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
11A	Ant1	5180	NV	-30	0.00	0.000000	±20	PASS
			NV	-20	0.00	0.000000	±20	PASS
			NV	-10	0.00	0.000000	±20	PASS
			NV	0	0.00	0.000000	±20	PASS
			NV	10	0.00	0.000000	±20	PASS
			NV	20	0.00	0.000000	±20	PASS
			NV	30	0.00	0.000000	±20	PASS
			NV	40	0.00	0.000000	±20	PASS
		5220	NV	50	0.00	0.000000	±20	PASS
			NV	-30	0.00	0.000000	±20	PASS
			NV	-20	0.00	0.000000	±20	PASS
			NV	-10	0.00	0.000000	±20	PASS
			NV	0	0.00	0.000000	±20	PASS
			NV	10	0.00	0.000000	±20	PASS
			NV	20	0.00	0.000000	±20	PASS
			NV	30	0.00	0.000000	±20	PASS
			NV	40	20000.00	3.831418	±20	PASS
			NV	50	0.00	0.000000	±20	PASS



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Page: 217 of 241

		5240	NV	-30	0.00	0.000000	±20	PASS
			NV	-20	0.00	0.000000	±20	PASS
			NV	-10	20000.00	3.816794	±20	PASS
			NV	0	0.00	0.000000	±20	PASS
			NV	10	20000.00	3.816794	±20	PASS
			NV	20	0.00	0.000000	±20	PASS
			NV	30	20000.00	3.816794	±20	PASS
			NV	40	20000.00	3.816794	±20	PASS
			NV	50	-20000.00	-3.816794	±20	PASS
		5260	NV	-30	20000.00	3.802281	±20	PASS
			NV	-20	0.00	0.000000	±20	PASS
			NV	-10	0.00	0.000000	±20	PASS
			NV	0	0.00	0.000000	±20	PASS
			NV	10	0.00	0.000000	±20	PASS
			NV	20	0.00	0.000000	±20	PASS
			NV	30	0.00	0.000000	±20	PASS
			NV	40	0.00	0.000000	±20	PASS
			NV	50	0.00	0.000000	±20	PASS
		5300	NV	-30	0.00	0.000000	±20	PASS
			NV	-20	20000.00	3.773585	±20	PASS
			NV	-10	0.00	0.000000	±20	PASS
			NV	0	0.00	0.000000	±20	PASS
			NV	10	0.00	0.000000	±20	PASS
			NV	20	0.00	0.000000	±20	PASS
			NV	30	20000.00	3.773585	±20	PASS
			NV	40	0.00	0.000000	±20	PASS
			NV	50	0.00	0.000000	±20	PASS
		5320	NV	-30	0.00	0.000000	±20	PASS
			NV	-20	0.00	0.000000	±20	PASS
			NV	-10	0.00	0.000000	±20	PASS
			NV	0	20000.00	3.759398	±20	PASS
			NV	10	0.00	0.000000	±20	PASS
			NV	20	0.00	0.000000	±20	PASS
			NV	30	0.00	0.000000	±20	PASS
			NV	40	0.00	0.000000	±20	PASS
			NV	50	0.00	0.000000	±20	PASS
		5500	NV	-30	-20000.00	-3.636364	±20	PASS
			NV	-20	-20000.00	-3.636364	±20	PASS
			NV	-10	0.00	0.000000	±20	PASS
			NV	0	-20000.00	-3.636364	±20	PASS
			NV	10	0.00	0.000000	±20	PASS
			NV	20	0.00	0.000000	±20	PASS
			NV	30	-20000.00	-3.636364	±20	PASS



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Report No.: SHCR230300042404

Page: 218 of 241

			NV	40	0.00	0.000000	±20	PASS
			NV	50	0.00	0.000000	±20	PASS
		5580	NV	-30	0.00	0.000000	±20	PASS
			NV	-20	-20000.00	-3.584229	±20	PASS
			NV	-10	0.00	0.000000	±20	PASS
			NV	0	0.00	0.000000	±20	PASS
			NV	10	-20000.00	-3.584229	±20	PASS
			NV	20	-40000.00	-7.168459	±20	PASS
			NV	30	-20000.00	-3.584229	±20	PASS
			NV	40	-40000.00	-7.168459	±20	PASS
			NV	50	-20000.00	-3.584229	±20	PASS
		5700	NV	-30	-20000.00	-3.508772	±20	PASS
			NV	-20	-20000.00	-3.508772	±20	PASS
			NV	-10	-20000.00	-3.508772	±20	PASS
			NV	0	-20000.00	-3.508772	±20	PASS
			NV	10	-20000.00	-3.508772	±20	PASS
			NV	20	-20000.00	-3.508772	±20	PASS
			NV	30	-40000.00	-7.017544	±20	PASS
			NV	40	-40000.00	-7.017544	±20	PASS
			NV	50	-40000.00	-7.017544	±20	PASS
		5745	NV	-30	-40000.00	-6.962576	±20	PASS
			NV	-20	-20000.00	-3.481288	±20	PASS
			NV	-10	-20000.00	-3.481288	±20	PASS
			NV	0	-40000.00	-6.962576	±20	PASS
			NV	10	-40000.00	-6.962576	±20	PASS
			NV	20	-40000.00	-6.962576	±20	PASS
			NV	30	-40000.00	-6.962576	±20	PASS
			NV	40	-40000.00	-6.962576	±20	PASS
			NV	50	-40000.00	-6.962576	±20	PASS
		5785	NV	-30	-40000.00	-6.914434	±20	PASS
			NV	-20	-20000.00	-3.457217	±20	PASS
			NV	-10	-40000.00	-6.914434	±20	PASS
			NV	0	-40000.00	-6.914434	±20	PASS
			NV	10	-40000.00	-6.914434	±20	PASS
			NV	20	-40000.00	-6.914434	±20	PASS
			NV	30	-20000.00	-3.457217	±20	PASS
			NV	40	-20000.00	-3.457217	±20	PASS
			NV	50	-20000.00	-3.457217	±20	PASS
		5825	NV	-30	-40000.00	-6.866953	±20	PASS
			NV	-20	-40000.00	-6.866953	±20	PASS
			NV	-10	-20000.00	-3.433476	±20	PASS
			NV	0	-40000.00	-6.866953	±20	PASS
			NV	10	-40000.00	-6.866953	±20	PASS



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Report No.: SHCR230300042404

Page: 219 of 241

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			NV	30	-20000.00	-3.433476	±20	PASS
			NV	40	-40000.00	-6.866953	±20	PASS
			NV	50	-40000.00	-6.866953	±20	PASS
		5180	NV	-30	-40000.00	-7.722008	±20	PASS
			NV	-20	-40000.00	-7.722008	±20	PASS
			NV	-10	-40000.00	-7.722008	±20	PASS
			NV	0	-40000.00	-7.722008	±20	PASS
			NV	10	-20000.00	-3.861004	±20	PASS
			NV	20	-20000.00	-3.861004	±20	PASS
			NV	30	0.00	0.000000	±20	PASS
			NV	40	-20000.00	-3.861004	±20	PASS
			NV	50	-20000.00	-3.861004	±20	PASS
		5220	NV	-30	-20000.00	-3.831418	±20	PASS
			NV	-20	-20000.00	-3.831418	±20	PASS
			NV	-10	-20000.00	-3.831418	±20	PASS
			NV	0	-20000.00	-3.831418	±20	PASS
			NV	10	-20000.00	-3.831418	±20	PASS
			NV	20	-20000.00	-3.831418	±20	PASS
			NV	30	-20000.00	-3.831418	±20	PASS
			NV	40	-20000.00	-3.831418	±20	PASS
		5240	NV	50	-40000.00	-7.662835	±20	PASS
			NV	-30	-20000.00	-3.816794	±20	PASS
			NV	-20	-20000.00	-3.816794	±20	PASS
			NV	-10	0.00	0.000000	±20	PASS
			NV	0	0.00	0.000000	±20	PASS
			NV	10	-20000.00	-3.816794	±20	PASS
			NV	20	-20000.00	-3.816794	±20	PASS
			NV	30	0.00	0.000000	±20	PASS
		5260	NV	40	0.00	0.000000	±20	PASS
			NV	50	-20000.00	-3.816794	±20	PASS
			NV	-30	-20000.00	-3.802281	±20	PASS
			NV	-20	-20000.00	-3.802281	±20	PASS
			NV	-10	-20000.00	-3.802281	±20	PASS
			NV	0	0.00	0.000000	±20	PASS
			NV	10	-20000.00	-3.802281	±20	PASS
			NV	20	-20000.00	-3.802281	±20	PASS
		5300	NV	30	-40000.00	-7.604563	±20	PASS
			NV	40	-40000.00	-7.604563	±20	PASS
			NV	50	-20000.00	-3.802281	±20	PASS
			NV	-30	-20000.00	-3.773585	±20	PASS
			NV	-20	-20000.00	-3.773585	±20	PASS
			NV	-10	-20000.00	-3.773585	±20	PASS



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Report No.: SHCR230300042404

Page: 220 of 241

			NV	0	-20000.00	-3.773585	±20	PASS
			NV	10	-20000.00	-3.773585	±20	PASS
			NV	20	-20000.00	-3.773585	±20	PASS
			NV	30	-20000.00	-3.773585	±20	PASS
			NV	40	-20000.00	-3.773585	±20	PASS
			NV	50	-20000.00	-3.773585	±20	PASS
		5320	NV	-30	-40000.00	-7.518797	±20	PASS
			NV	-20	-20000.00	-3.759398	±20	PASS
			NV	-10	-60000.00	-11.278195	±20	PASS
			NV	0	-20000.00	-3.759398	±20	PASS
			NV	10	-20000.00	-3.759398	±20	PASS
			NV	20	0.00	0.000000	±20	PASS
			NV	30	-20000.00	-3.759398	±20	PASS
			NV	40	-40000.00	-7.518797	±20	PASS
			NV	50	-20000.00	-3.759398	±20	PASS
		5500	NV	-30	-20000.00	-3.636364	±20	PASS
			NV	-20	-20000.00	-3.636364	±20	PASS
			NV	-10	-20000.00	-3.636364	±20	PASS
			NV	0	0.00	0.000000	±20	PASS
			NV	10	-20000.00	-3.636364	±20	PASS
			NV	20	-20000.00	-3.636364	±20	PASS
			NV	30	-20000.00	-3.636364	±20	PASS
			NV	40	-20000.00	-3.636364	±20	PASS
		5580	NV	50	-20000.00	-3.636364	±20	PASS
			NV	-30	-40000.00	-7.168459	±20	PASS
			NV	-20	-20000.00	-3.584229	±20	PASS
			NV	-10	-40000.00	-7.168459	±20	PASS
			NV	0	-20000.00	-3.584229	±20	PASS
			NV	10	-20000.00	-3.584229	±20	PASS
			NV	20	-40000.00	-7.168459	±20	PASS
			NV	30	-40000.00	-7.168459	±20	PASS
			NV	40	-20000.00	-3.584229	±20	PASS
			NV	50	-20000.00	-3.584229	±20	PASS
		5700	NV	-30	-20000.00	-3.508772	±20	PASS
			NV	-20	-20000.00	-3.508772	±20	PASS
			NV	-10	-20000.00	-3.508772	±20	PASS
			NV	0	-20000.00	-3.508772	±20	PASS
			NV	10	-20000.00	-3.508772	±20	PASS
			NV	20	-40000.00	-7.017544	±20	PASS
			NV	30	-20000.00	-3.508772	±20	PASS
			NV	40	-20000.00	-3.508772	±20	PASS
			NV	50	-40000.00	-7.017544	±20	PASS
		5745	NV	-30	-20000.00	-3.481288	±20	PASS



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Page: 221 of 241

			NV	-20	-20000.00	-3.481288	±20	PASS
			NV	-10	-40000.00	-6.962576	±20	PASS
			NV	0	-40000.00	-6.962576	±20	PASS
			NV	10	-20000.00	-3.481288	±20	PASS
			NV	20	-20000.00	-3.481288	±20	PASS
			NV	30	-40000.00	-6.962576	±20	PASS
			NV	40	-20000.00	-3.481288	±20	PASS
			NV	50	-20000.00	-3.481288	±20	PASS
		5785	NV	-30	-40000.00	-6.914434	±20	PASS
			NV	-20	-40000.00	-6.914434	±20	PASS
			NV	-10	-20000.00	-3.457217	±20	PASS
			NV	0	-40000.00	-6.914434	±20	PASS
			NV	10	-20000.00	-3.457217	±20	PASS
			NV	20	-20000.00	-3.457217	±20	PASS
			NV	30	-40000.00	-6.914434	±20	PASS
			NV	40	-20000.00	-3.457217	±20	PASS
			NV	50	-40000.00	-6.914434	±20	PASS
		5825	NV	-30	-40000.00	-6.866953	±20	PASS
			NV	-20	-40000.00	-6.866953	±20	PASS
			NV	-10	-40000.00	-6.866953	±20	PASS
			NV	0	-40000.00	-6.866953	±20	PASS
			NV	10	-20000.00	-3.433476	±20	PASS
			NV	20	-40000.00	-6.866953	±20	PASS
			NV	30	-40000.00	-6.866953	±20	PASS
			NV	40	-40000.00	-6.866953	±20	PASS
11N40SISO	Ant1	5190	NV	-30	-40000.00	-7.707129	±20	PASS
			NV	-20	0.00	0.000000	±20	PASS
			NV	-10	-40000.00	-7.707129	±20	PASS
			NV	0	0.00	0.000000	±20	PASS
			NV	10	0.00	0.000000	±20	PASS
			NV	20	0.00	0.000000	±20	PASS
			NV	30	0.00	0.000000	±20	PASS
			NV	40	0.00	0.000000	±20	PASS
			NV	50	-40000.00	-7.707129	±20	PASS
		5230	NV	-30	0.00	0.000000	±20	PASS
			NV	-20	-40000.00	-7.648184	±20	PASS
			NV	-10	0.00	0.000000	±20	PASS
			NV	0	-40000.00	-7.648184	±20	PASS
			NV	10	0.00	0.000000	±20	PASS
			NV	20	-40000.00	-7.648184	±20	PASS
			NV	30	-40000.00	-7.648184	±20	PASS
			NV	40	0.00	0.000000	±20	PASS



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Page: 222 of 241

		5270	NV	50	-80000.00	-15.296367	±20	PASS
			NV	-30	-40000.00	-7.590133	±20	PASS
			NV	-20	0.00	0.000000	±20	PASS
			NV	-10	0.00	0.000000	±20	PASS
			NV	0	-40000.00	-7.590133	±20	PASS
			NV	10	0.00	0.000000	±20	PASS
			NV	20	-40000.00	-7.590133	±20	PASS
			NV	30	0.00	0.000000	±20	PASS
			NV	40	-40000.00	-7.590133	±20	PASS
			NV	50	-40000.00	-7.590133	±20	PASS
		5310	NV	-30	0.00	0.000000	±20	PASS
			NV	-20	-40000.00	-7.532957	±20	PASS
			NV	-10	0.00	0.000000	±20	PASS
			NV	0	0.00	0.000000	±20	PASS
			NV	10	0.00	0.000000	±20	PASS
			NV	20	0.00	0.000000	±20	PASS
			NV	30	-40000.00	-7.532957	±20	PASS
			NV	40	0.00	0.000000	±20	PASS
		5510	NV	50	-40000.00	-7.532957	±20	PASS
			NV	-30	0.00	0.000000	±20	PASS
			NV	-20	-40000.00	-7.259528	±20	PASS
			NV	-10	0.00	0.000000	±20	PASS
			NV	0	-40000.00	-7.259528	±20	PASS
			NV	10	-40000.00	-7.259528	±20	PASS
			NV	20	-80000.00	-14.519056	±20	PASS
			NV	30	-40000.00	-7.259528	±20	PASS
		5550	NV	40	-40000.00	-7.259528	±20	PASS
			NV	50	0.00	0.000000	±20	PASS
			NV	-30	-40000.00	-7.207207	±20	PASS
			NV	-20	0.00	0.000000	±20	PASS
			NV	-10	-40000.00	-7.207207	±20	PASS
			NV	0	0.00	0.000000	±20	PASS
			NV	10	0.00	0.000000	±20	PASS
			NV	20	-40000.00	-7.207207	±20	PASS
		5670	NV	30	0.00	0.000000	±20	PASS
			NV	40	-40000.00	-7.207207	±20	PASS
			NV	50	0.00	0.000000	±20	PASS
			NV	-30	0.00	0.000000	±20	PASS
			NV	-20	-40000.00	-7.054674	±20	PASS
			NV	-10	0.00	0.000000	±20	PASS
		5670	NV	0	-40000.00	-7.054674	±20	PASS
			NV	10	-40000.00	-7.054674	±20	PASS
			NV	20	0.00	0.000000	±20	PASS
			NV	20	0.00	0.000000	±20	PASS



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			NV	30	0.00	0.000000	±20	PASS
			NV	40	-40000.00	-7.054674	±20	PASS
			NV	50	-40000.00	-7.054674	±20	PASS
		5755	NV	-30	-40000.00	-6.950478	±20	PASS
			NV	-20	-80000.00	-13.900956	±20	PASS
			NV	-10	0.00	0.000000	±20	PASS
			NV	0	-40000.00	-6.950478	±20	PASS
			NV	10	-40000.00	-6.950478	±20	PASS
			NV	20	-40000.00	-6.950478	±20	PASS
			NV	30	0.00	0.000000	±20	PASS
			NV	40	-40000.00	-6.950478	±20	PASS
			NV	50	-40000.00	-6.950478	±20	PASS
		5795	NV	-30	-40000.00	-6.902502	±20	PASS
			NV	-20	-40000.00	-6.902502	±20	PASS
			NV	-10	-40000.00	-6.902502	±20	PASS
			NV	0	-80000.00	-13.805004	±20	PASS
			NV	10	-40000.00	-6.902502	±20	PASS
			NV	20	0.00	0.000000	±20	PASS
			NV	30	0.00	0.000000	±20	PASS
			NV	40	-40000.00	-6.902502	±20	PASS
			NV	50	-80000.00	-13.805004	±20	PASS



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10.7 Appendix E: Duty Cycle

10.7.1 Test Result

TestMode	Antenna	Channel	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	Limit	Verdict
11A	Ant1	5180	1.35	1.56	86.54	---	---
		5220	1.37	1.56	87.82	---	---
		5240	1.36	1.56	87.18	---	---
		5260	1.36	1.57	86.62	---	---
		5300	1.36	1.56	87.18	---	---
		5320	1.36	1.56	87.18	---	---
		5500	1.36	1.56	87.18	---	---
		5580	1.37	1.57	87.26	---	---
		5700	1.36	1.56	87.18	---	---
		5745	1.36	1.56	87.18	---	---
		5785	1.36	1.56	87.18	---	---
		5825	1.36	1.56	87.18	---	---
11N20SISO	Ant1	5180	1.28	1.48	86.49	---	---
		5220	1.27	1.47	86.39	---	---
		5240	1.27	1.48	85.81	---	---
		5260	1.27	1.47	86.39	---	---
		5300	1.27	1.47	86.39	---	---
		5320	1.27	1.48	85.81	---	---
		5500	1.27	1.47	86.39	---	---
		5580	1.28	1.48	86.49	---	---
		5700	1.27	1.47	86.39	---	---
		5745	1.28	1.48	86.49	---	---
		5785	1.28	1.48	86.49	---	---
		5825	1.28	1.48	86.49	---	---
11N40SISO	Ant1	5190	0.64	0.84	76.19	---	---
		5230	0.64	0.84	76.19	---	---
		5270	0.64	0.84	76.19	---	---
		5310	0.63	0.83	75.90	---	---
		5510	0.64	0.84	76.19	---	---
		5550	0.63	0.83	75.90	---	---
		5670	0.63	0.83	75.90	---	---
		5755	0.63	0.83	75.90	---	---
		5795	0.63	0.83	75.90	---	---



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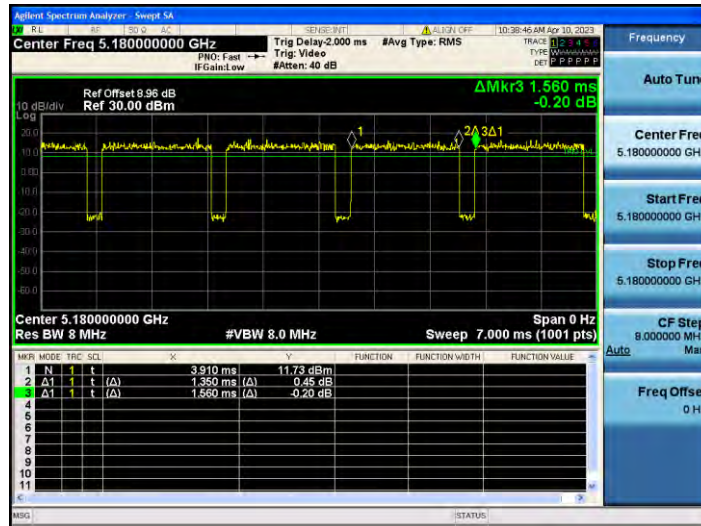
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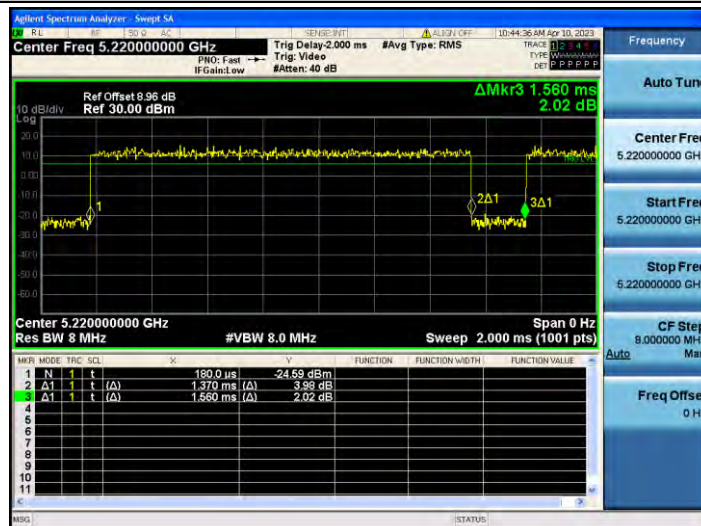
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10.7.2 Test Graphs

11A_Ant1_5180



11A_Ant1_5220



11A_Ant1_5240



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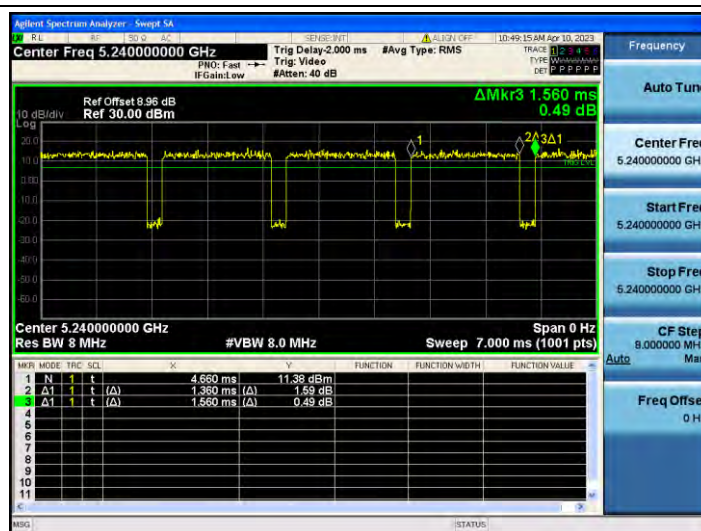
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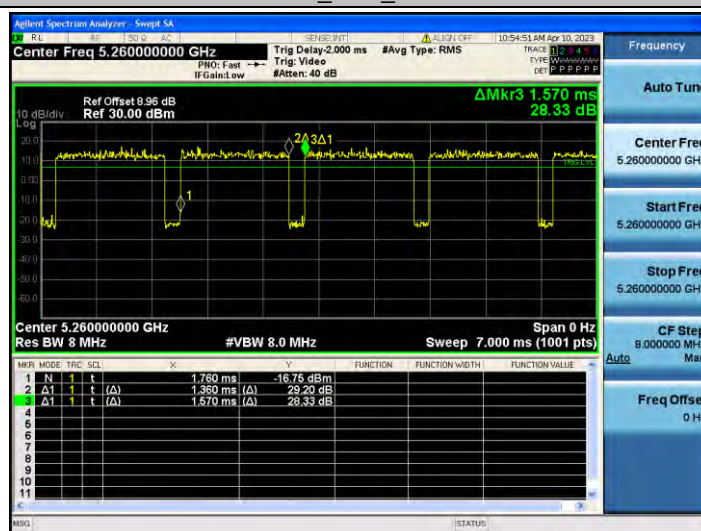
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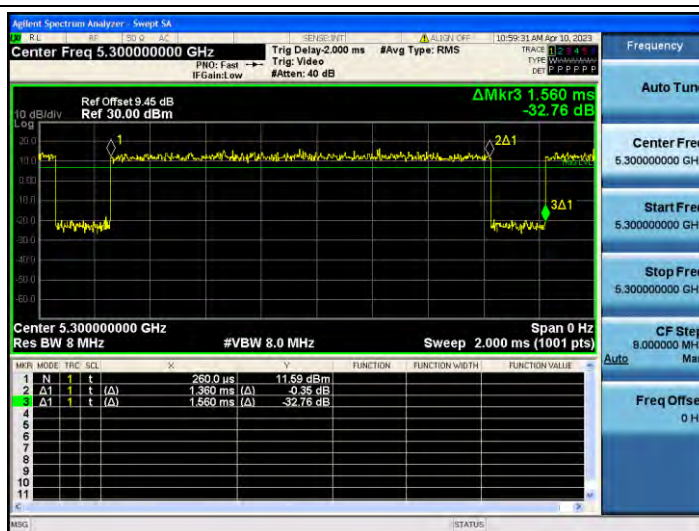
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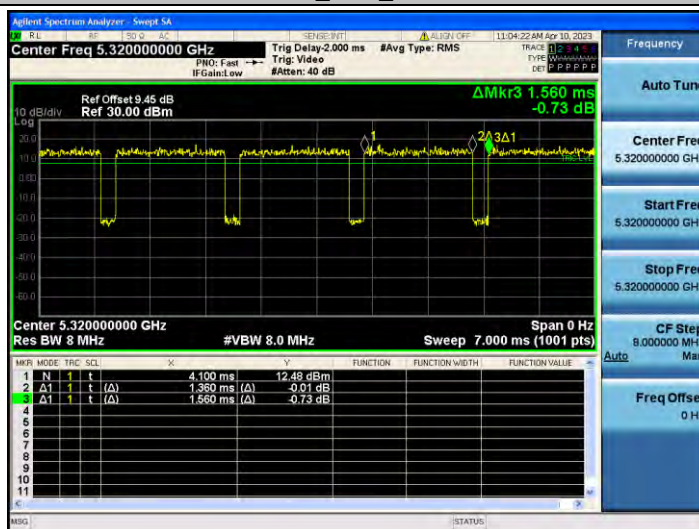
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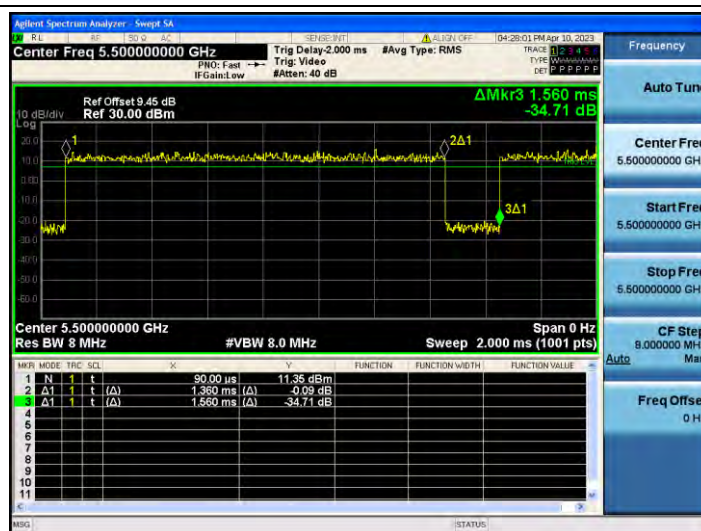
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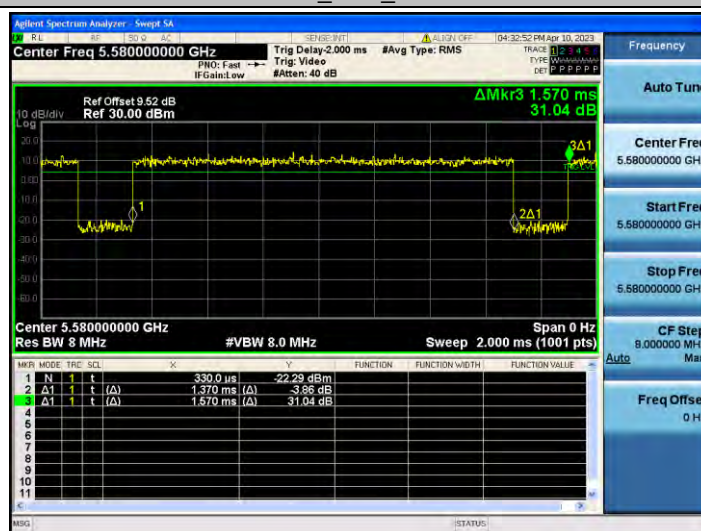
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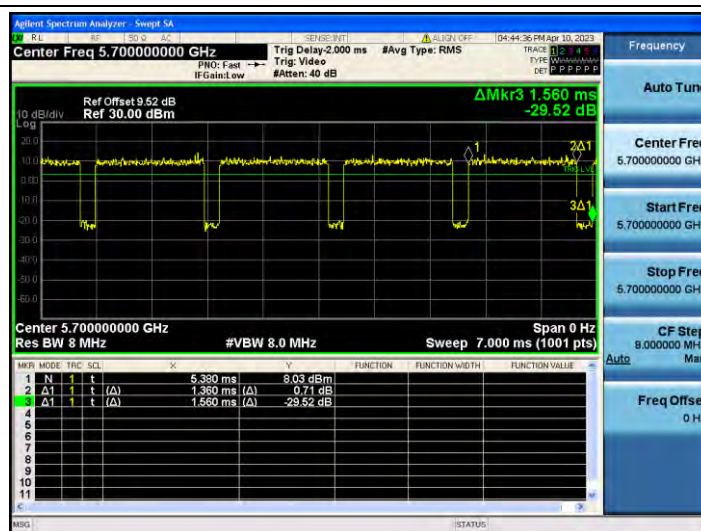
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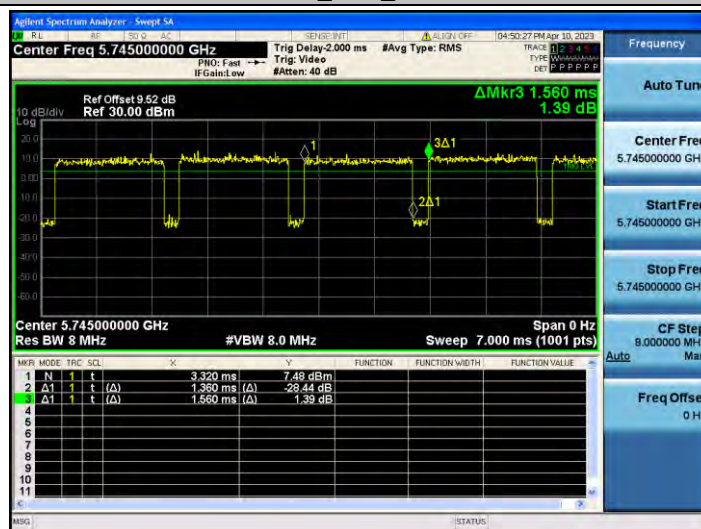
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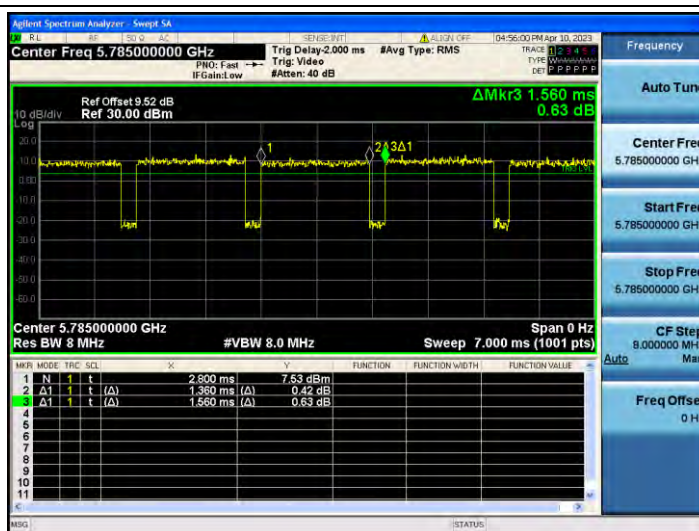


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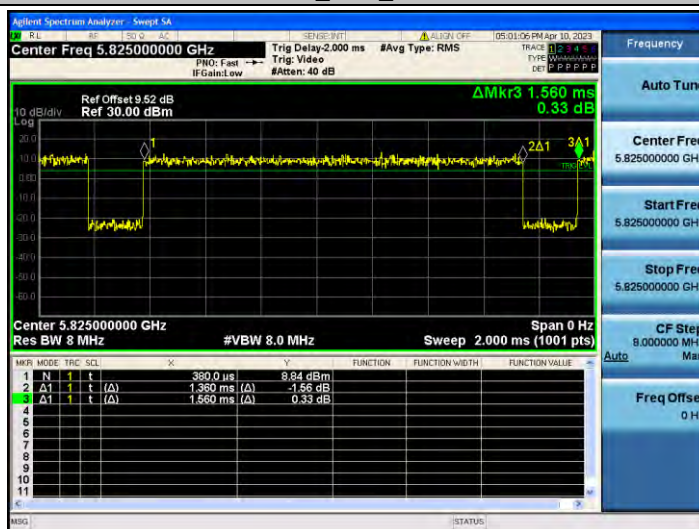


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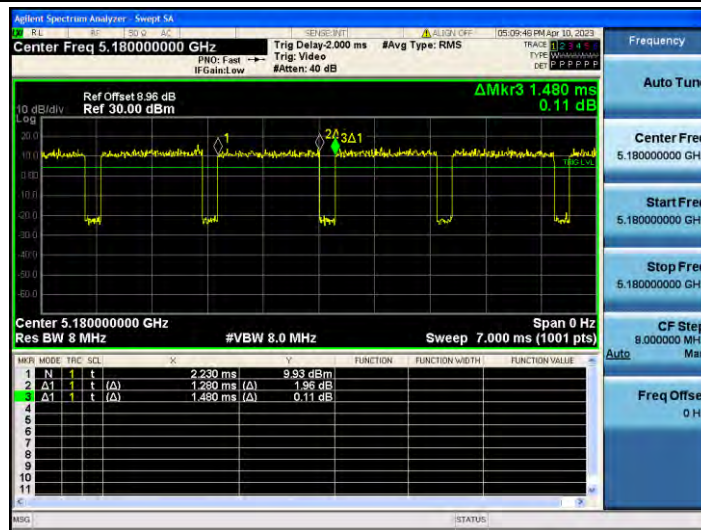
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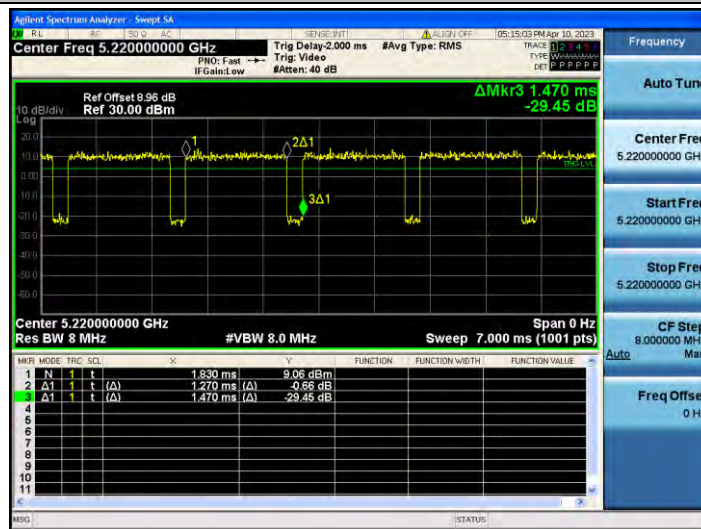
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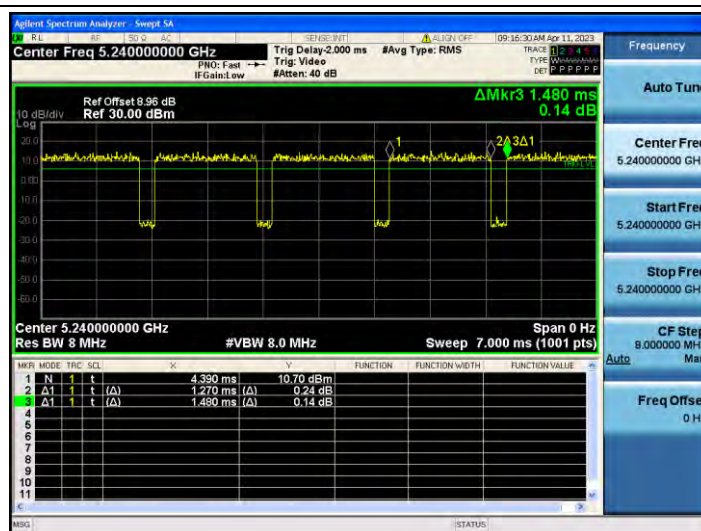


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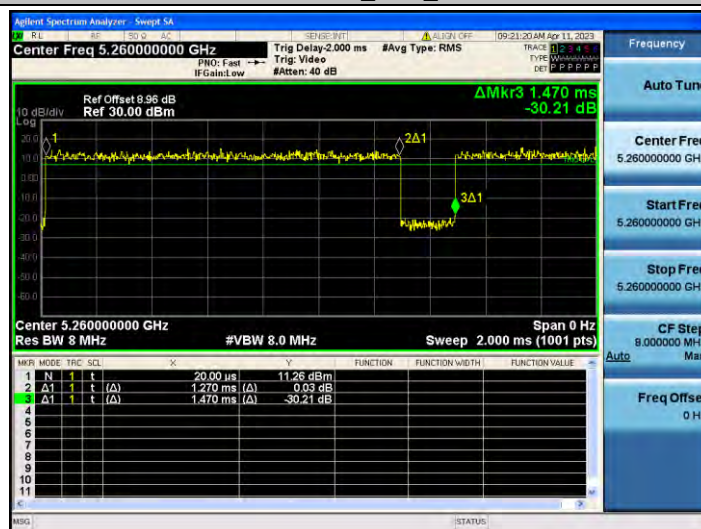


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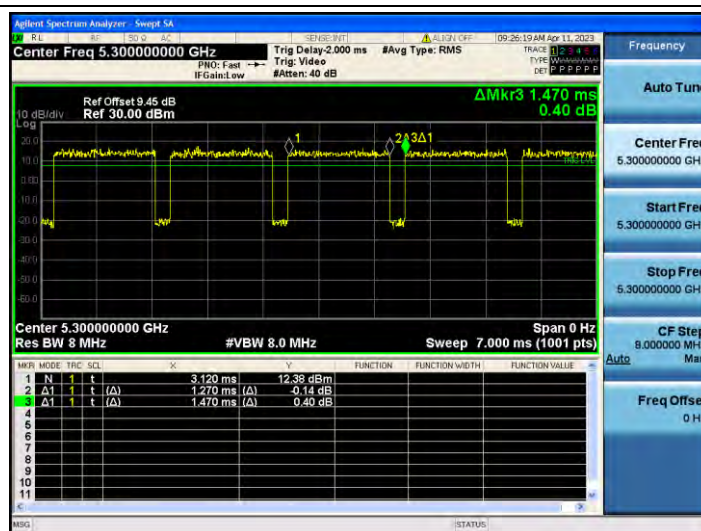
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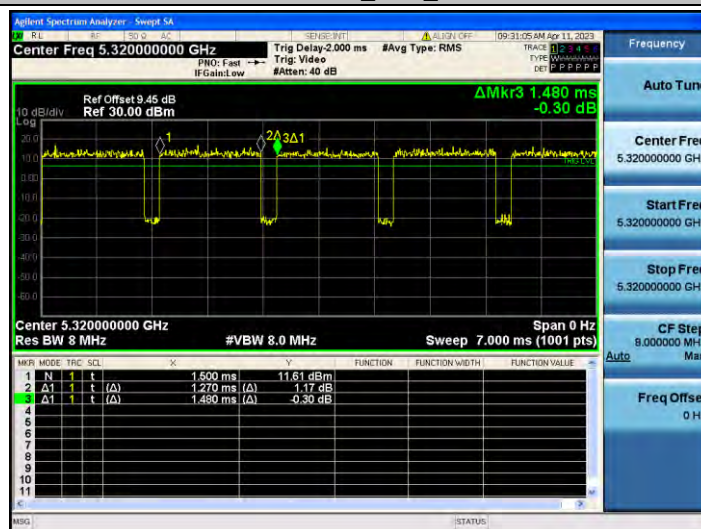
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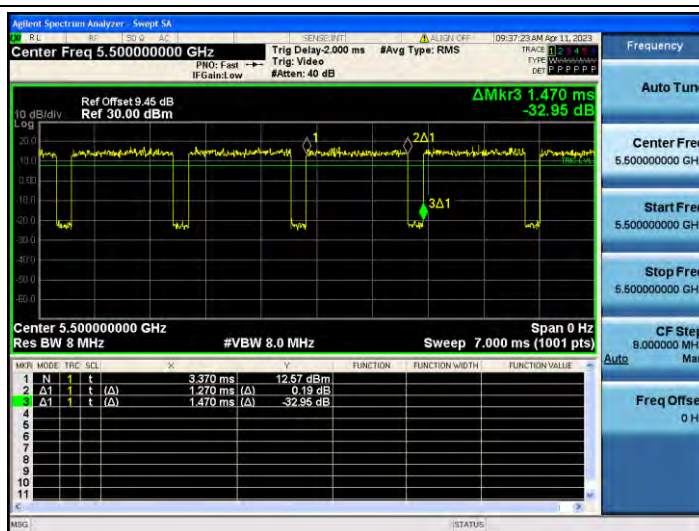
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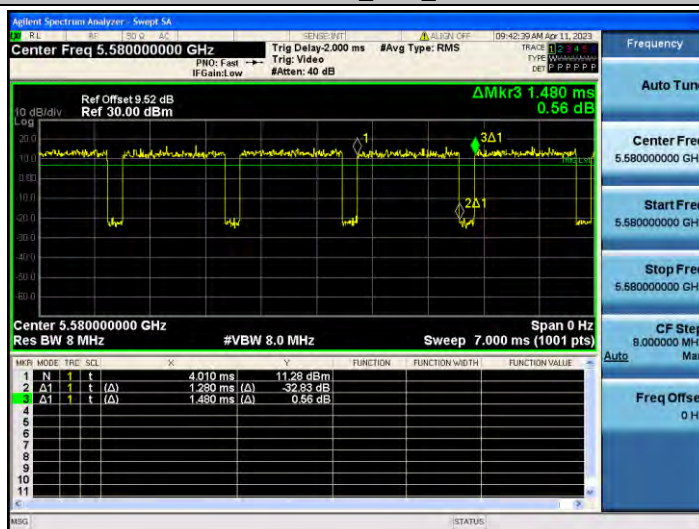
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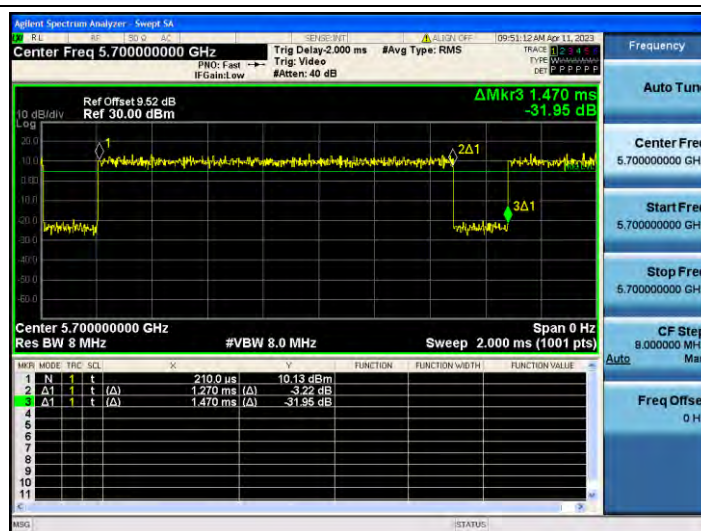
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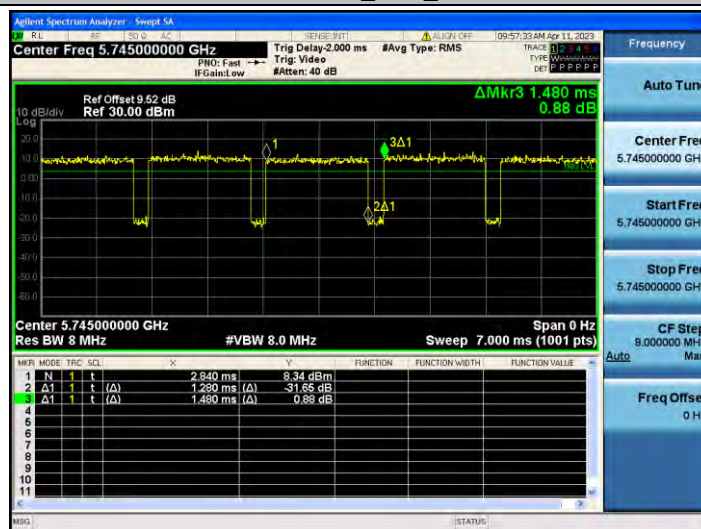
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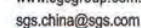
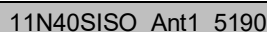
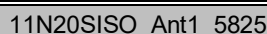
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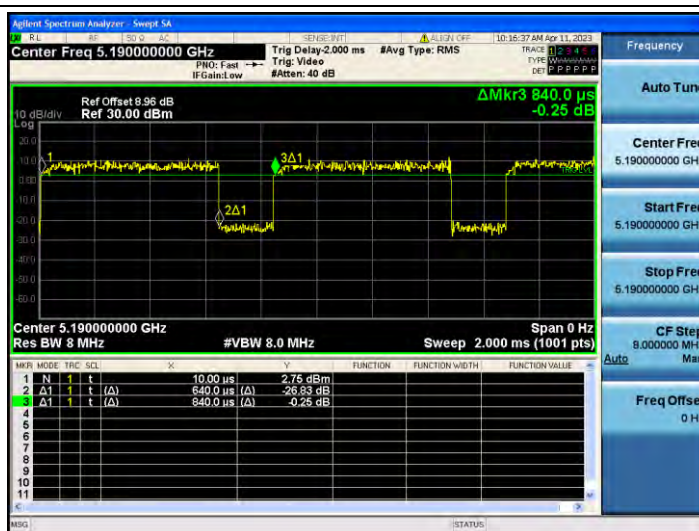


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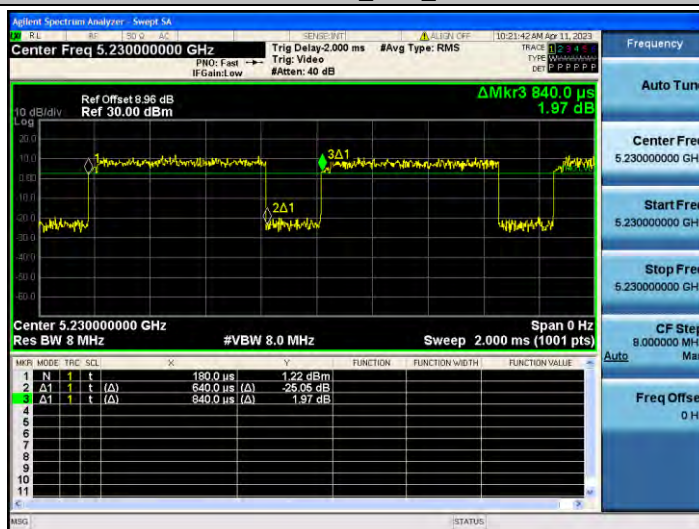
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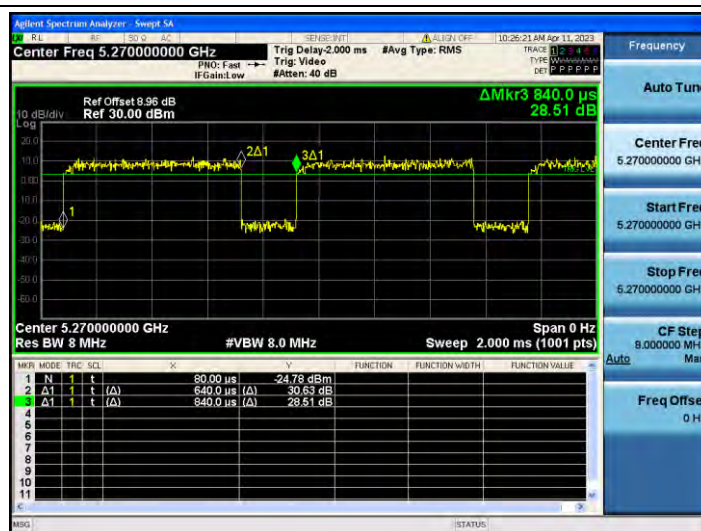
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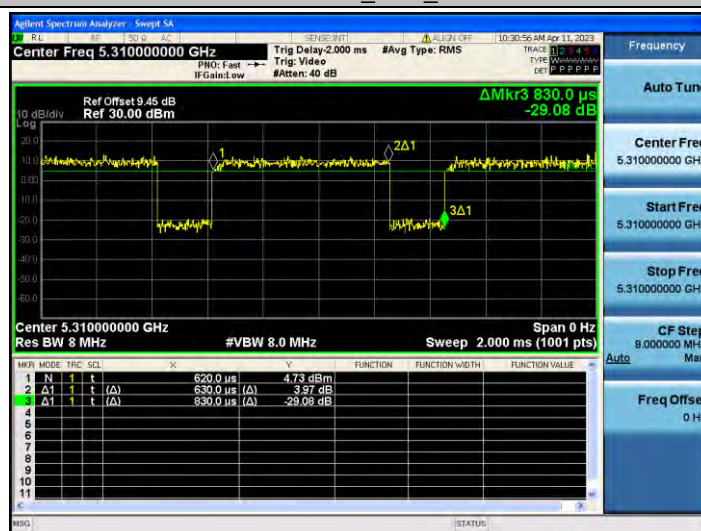
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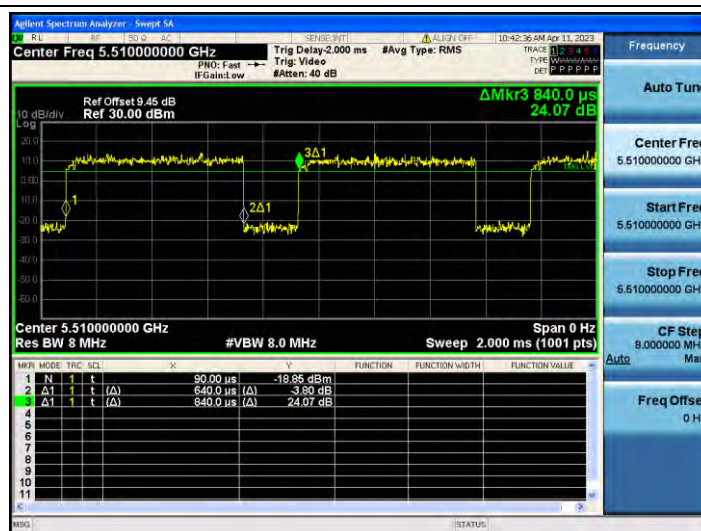
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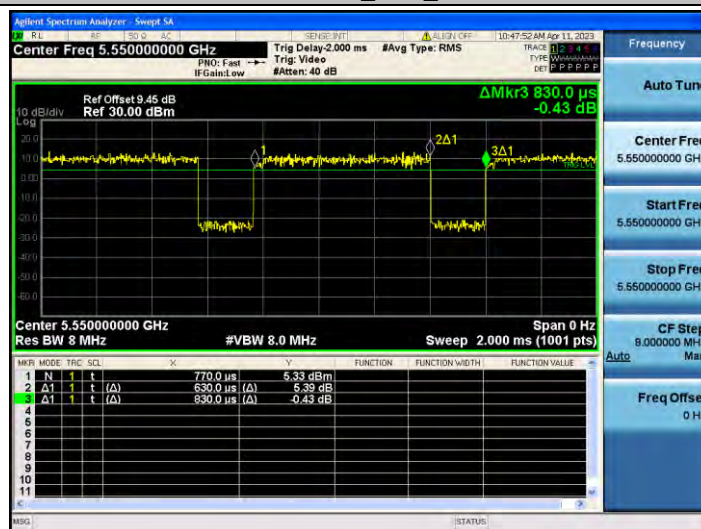
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