

11AX20SISO_Ant1_5240



11AX20SISO_Ant1_5745



11AX20SISO_Ant1_5785



11AX20SISO_Ant1_5825



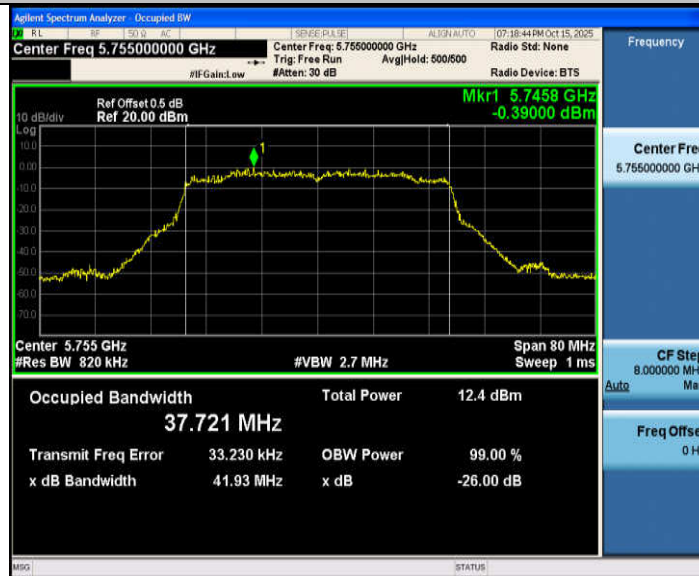
11AX40SISO_Ant1_5190



11AX40SISO_Ant1_5230



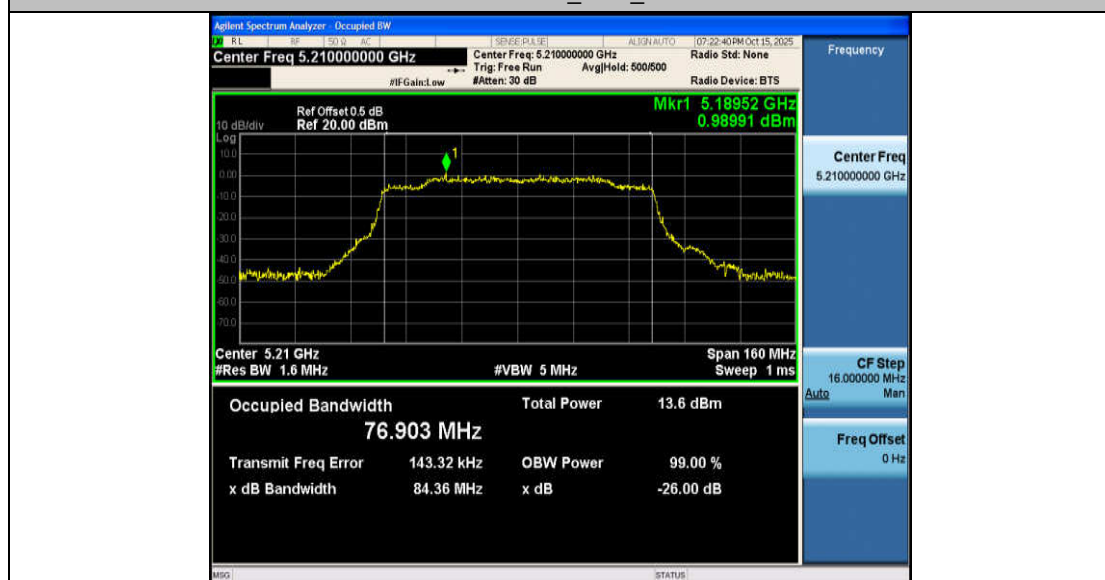
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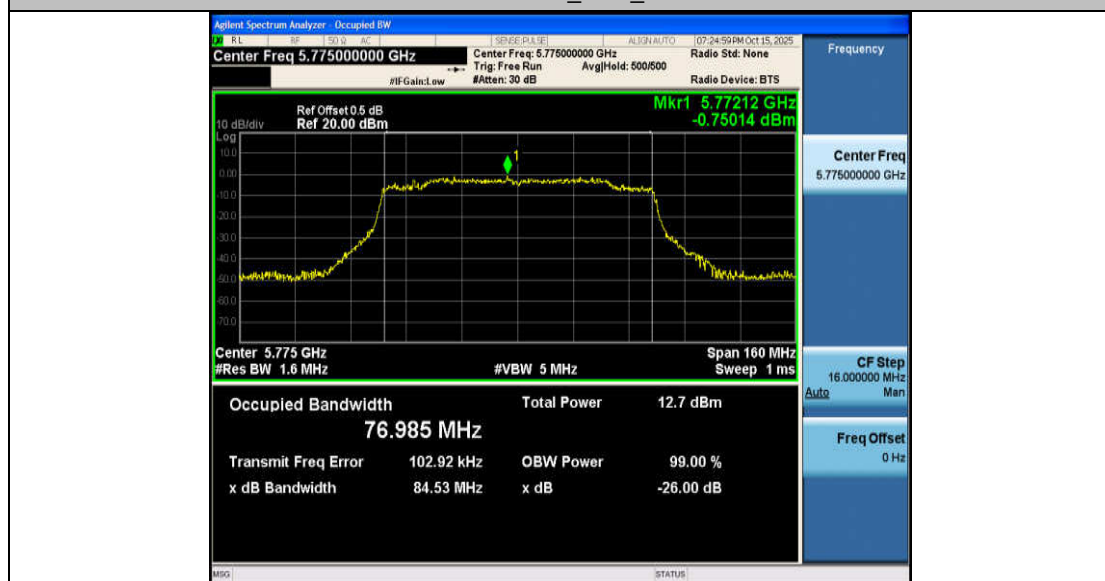
11AX40SISO_Ant1_5795



11AX80SISO_Ant1_5210



11AX80SISO_Ant1_5775

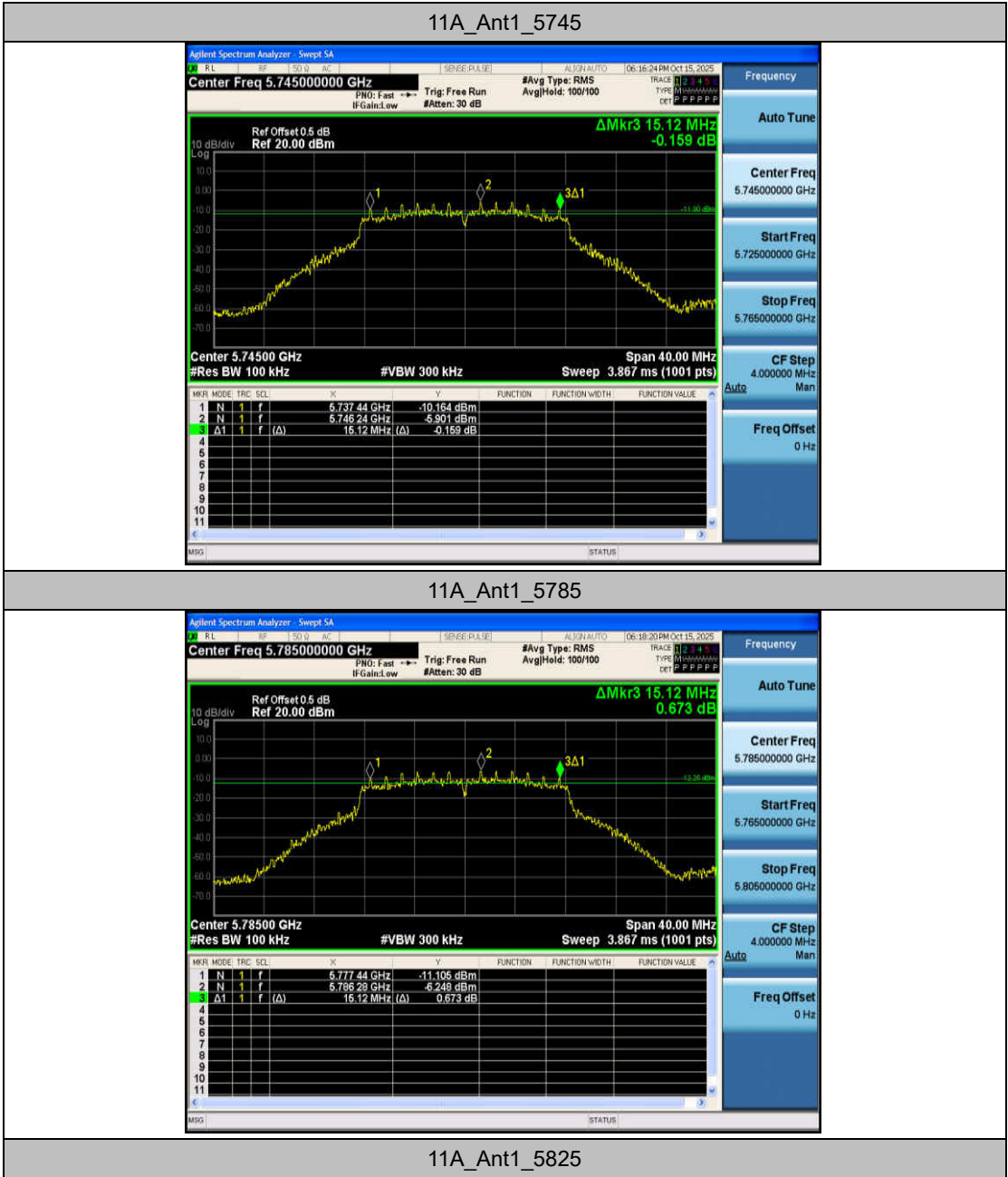


Appendix A3: Min emission bandwidth

Test Result B4

TestMode	Antenna	Freq(MHz)	6db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant2	5745	15.120	5737.440	5752.560	0.5	PASS
		5785	15.120	5777.440	5792.560	0.5	PASS
		5825	15.120	5817.440	5832.560	0.5	PASS
11N20SISO	Ant2	5745	15.080	5737.480	5752.560	0.5	PASS
		5785	15.120	5777.440	5792.560	0.5	PASS
		5825	15.120	5817.440	5832.560	0.5	PASS
11N40SISO	Ant2	5755	35.040	5737.480	5772.520	0.5	PASS
		5795	35.040	5777.480	5812.520	0.5	PASS
11AC20SISO	Ant2	5745	15.120	5737.440	5752.560	0.5	PASS
		5785	15.120	5777.440	5792.560	0.5	PASS
		5825	15.120	5817.440	5832.560	0.5	PASS
11AC40SISO	Ant2	5755	35.040	5737.480	5772.520	0.5	PASS
		5795	35.040	5777.480	5812.520	0.5	PASS
11AC80SISO	Ant2	5775	73.760	5738.680	5812.440	0.5	PASS
11AX20SISO	Ant2	5745	15.120	5737.440	5752.560	0.5	PASS
		5785	15.120	5777.440	5792.560	0.5	PASS
		5825	15.120	5817.440	5832.560	0.5	PASS
11AX40SISO	Ant2	5755	35.040	5737.480	5772.520	0.5	PASS
		5795	35.040	5777.480	5812.520	0.5	PASS
11AX80SISO	Ant2	5775	75.200	5737.400	5812.600	0.5	PASS

Test Graphs B4





11N20SISO_Ant1_5745



11N20SISO_Ant1_5785



11N20SISO_Ant1_5825



11N40SISO_Ant1_5755



11N40SISO_Ant1_5795



11AC20SISO_Ant1_5745



11AC20SISO_Ant1_5785



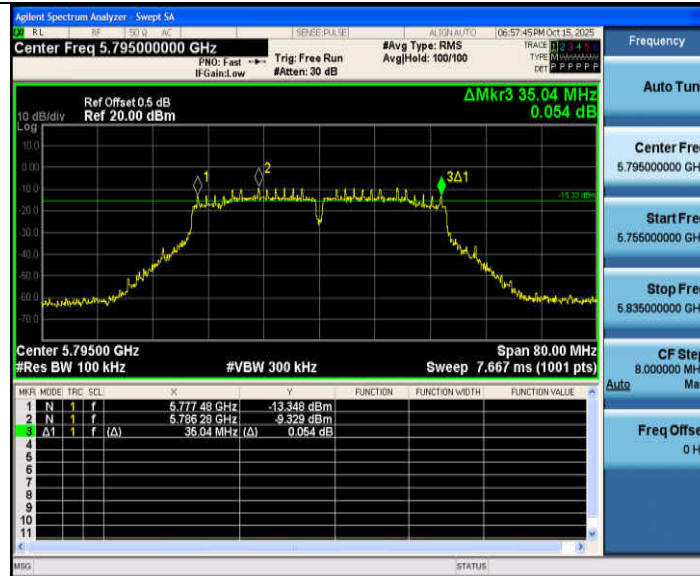
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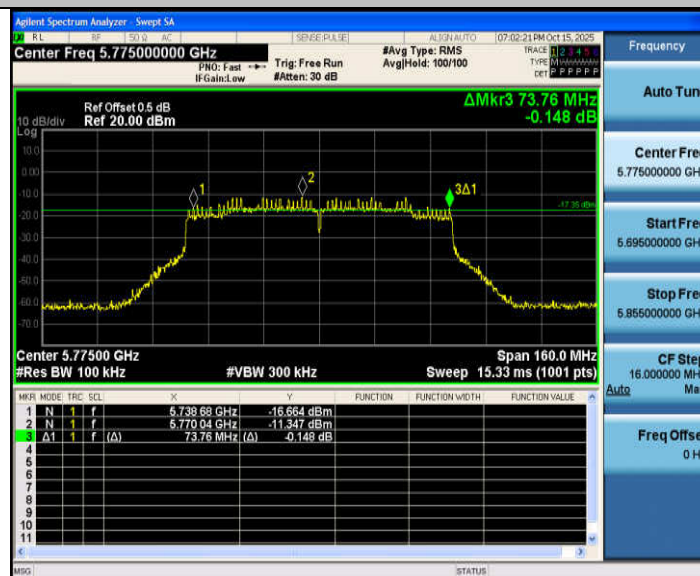
11AC40SISO_Ant1_5755



11AC40SISO_Ant1_5795



11AC80SISO_Ant1_5775



11AX20SISO_Ant1_5745



11AX20SISO_Ant1_5785



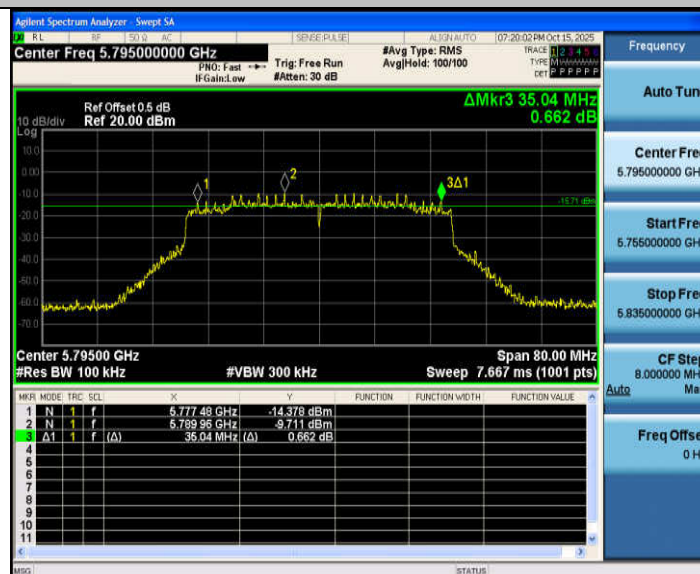
11AX20SISO_Ant1_5825



11AX40SISO_Ant1_5755



11AX40ISO_Ant1_5795



11AX80ISO_Ant1_5775



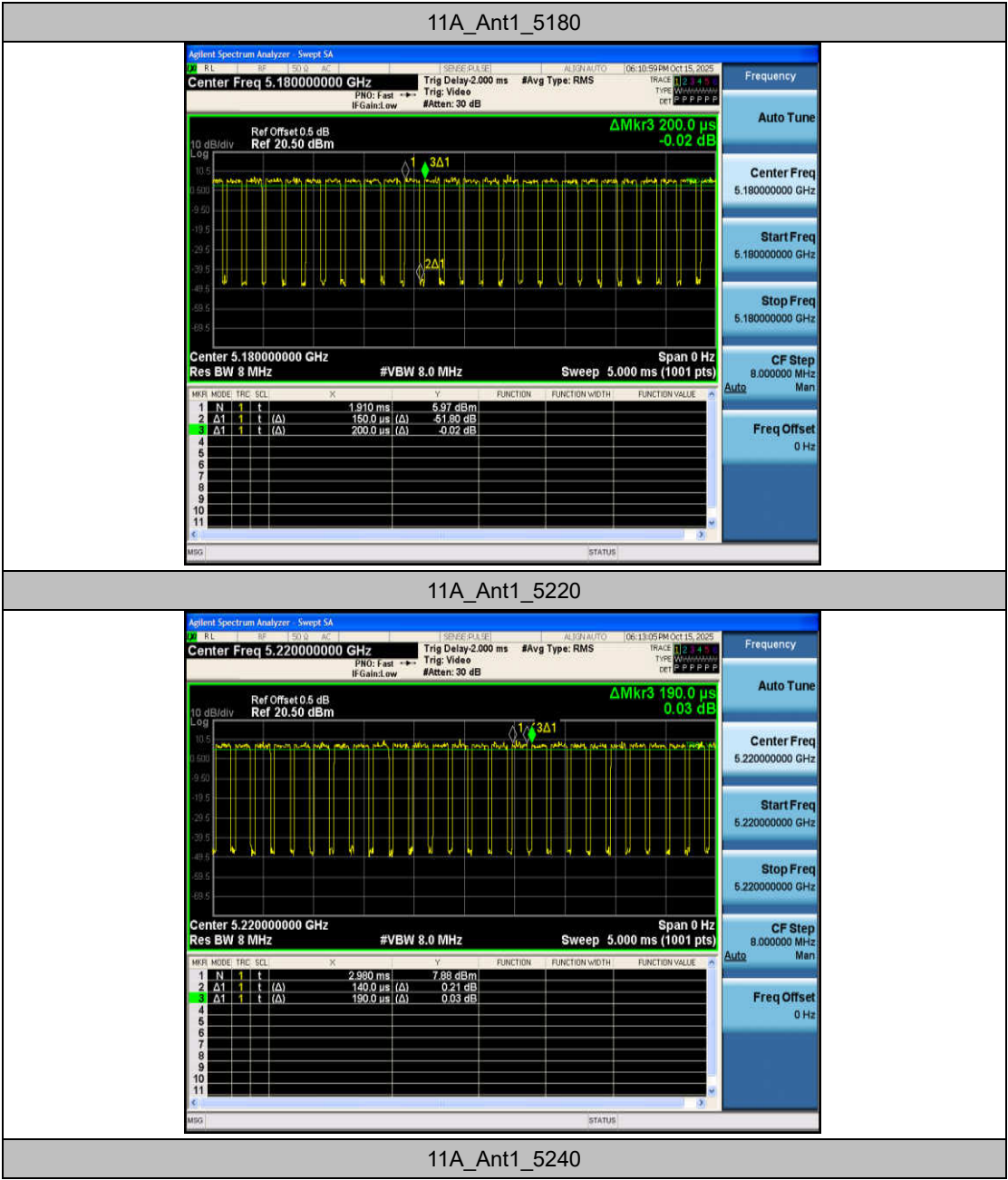
Appendix B: Duty Cycle

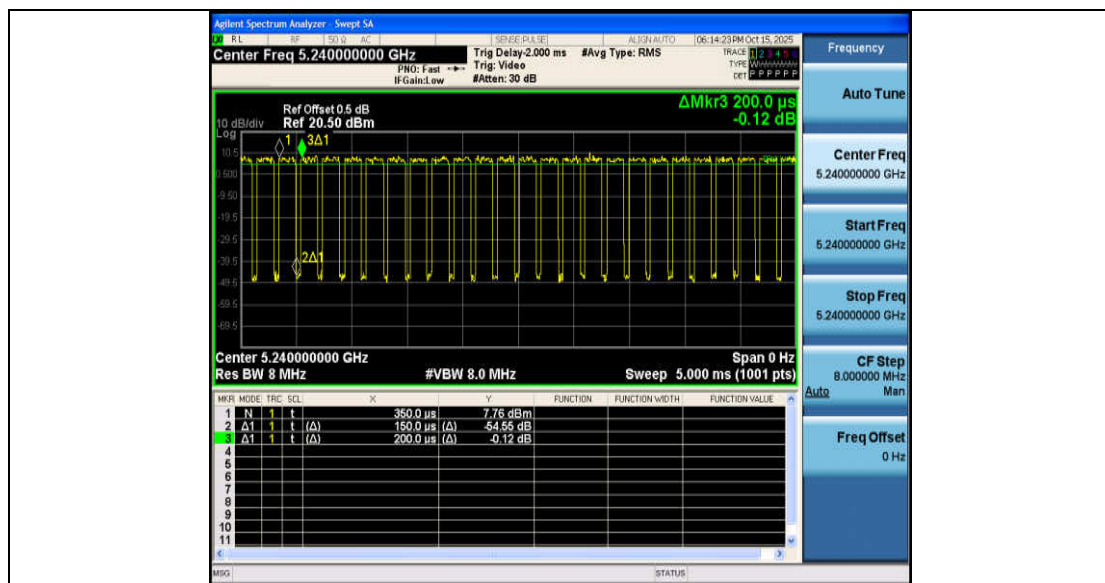
Test Result

TestMode	Antenna	Freq(MHz)	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	Duty factor(dB)	Limit	Verdict
11A	Ant2	5180	0.15	0.20	75.00	1.25	---	---
		5220	0.14	0.19	73.68	1.33	---	---
		5240	0.15	0.20	75.00	1.25	---	---
		5745	0.14	0.19	73.68	1.33	---	---
		5785	0.14	0.19	73.68	1.33	---	---
		5825	0.15	0.20	75.00	1.25	---	---
11N20SISO	Ant2	5180	0.18	0.23	78.26	1.06	---	---
		5220	0.17	0.22	77.27	1.12	---	---
		5240	0.18	0.23	78.26	1.06	---	---
		5745	0.18	0.23	78.26	1.06	---	---
		5785	0.18	0.23	78.26	1.06	---	---
		5825	0.18	0.23	78.26	1.06	---	---
11N40SISO	Ant2	5190	0.18	0.23	78.26	1.06	---	---
		5230	0.18	0.23	78.26	1.06	---	---
		5755	0.18	0.23	78.26	1.06	---	---
		5795	0.18	0.23	78.26	1.06	---	---
11AC20SISO	Ant2	5180	0.16	0.21	76.19	1.18	---	---
		5220	0.16	0.21	76.19	1.18	---	---
		5240	0.16	0.21	76.19	1.18	---	---
		5745	0.16	0.21	76.19	1.18	---	---
		5785	0.16	0.21	76.19	1.18	---	---
		5825	0.16	0.21	76.19	1.18	---	---
11AC40SISO	Ant2	5190	0.16	0.21	76.19	1.18	---	---
		5230	0.16	0.21	76.19	1.18	---	---
		5755	0.15	0.20	75.00	1.25	---	---
		5795	0.15	0.20	75.00	1.25	---	---
11AC80SISO	Ant2	5210	0.16	0.21	76.19	1.18	---	---
		5775	0.16	0.21	76.19	1.18	---	---
11AX20SISO	Ant2	5180	0.25	0.30	83.33	0.79	---	---
		5220	0.25	0.30	83.33	0.79	---	---
		5240	0.25	0.30	83.33	0.79	---	---
		5745	0.25	0.31	80.65	0.93	---	---
		5785	0.26	0.31	83.87	0.76	---	---
		5825	0.26	0.31	83.87	0.76	---	---
11AX40SISO	Ant2	5190	0.18	0.23	78.26	1.06	---	---
		5230	0.17	0.22	77.27	1.12	---	---
		5755	0.18	0.23	78.26	1.06	---	---

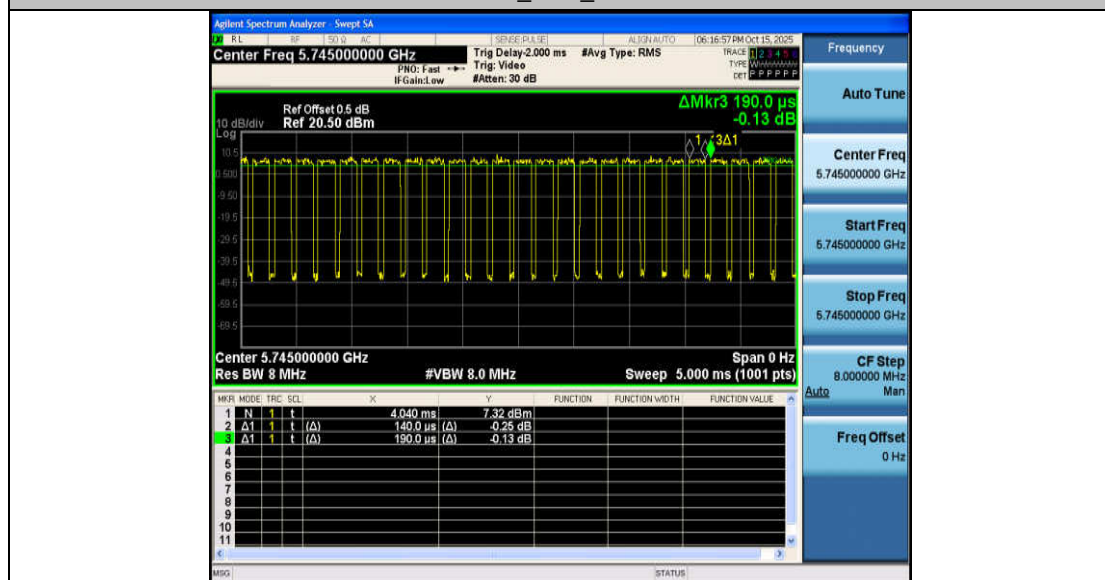
		5795	0.18	0.23	78.26	1.06	---	---
11AX80SISO	Ant2	5210	0.15	0.20	75.00	1.25	---	---
		5775	0.15	0.20	75.00	1.25	---	---

Test Graphs

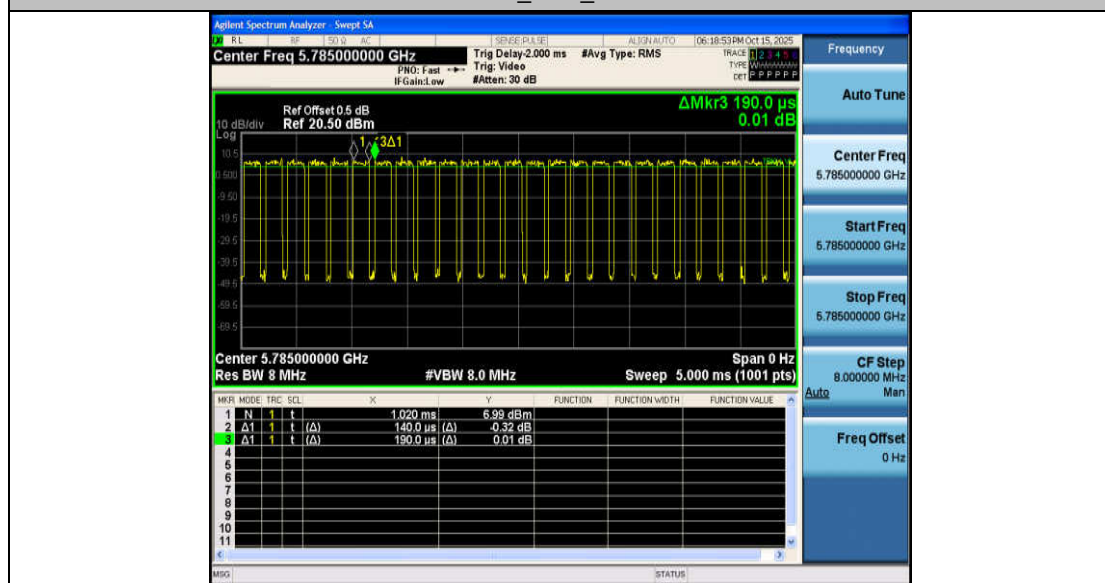




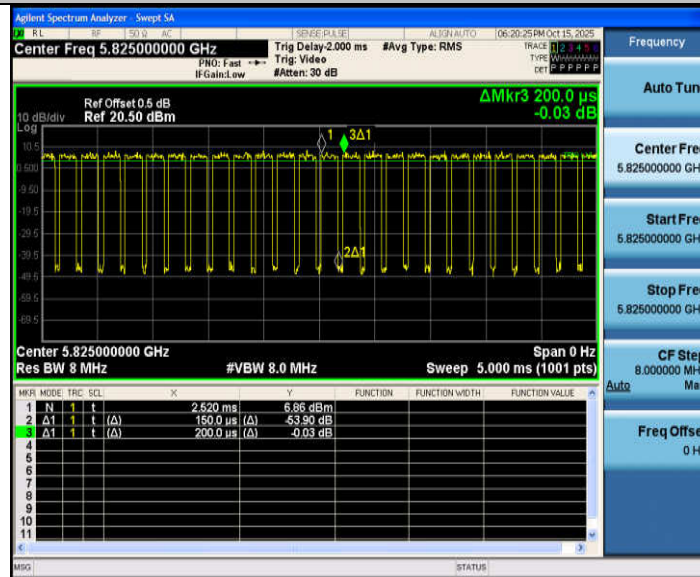
11A_Ant1_5745



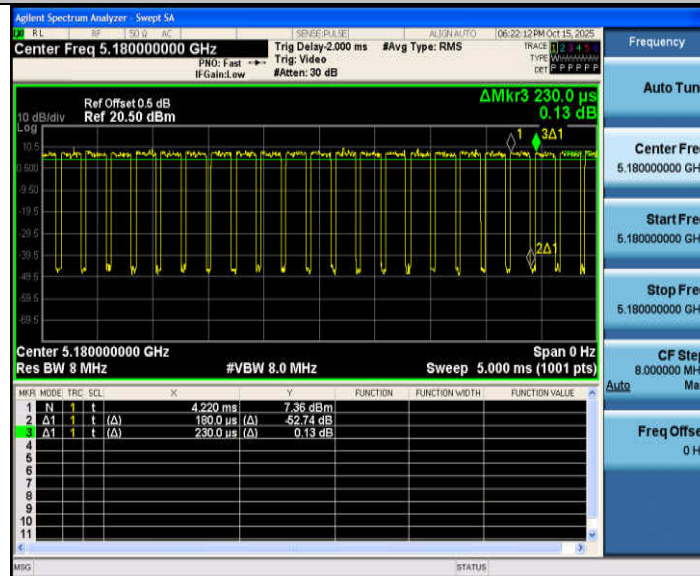
11A_Ant1_5785



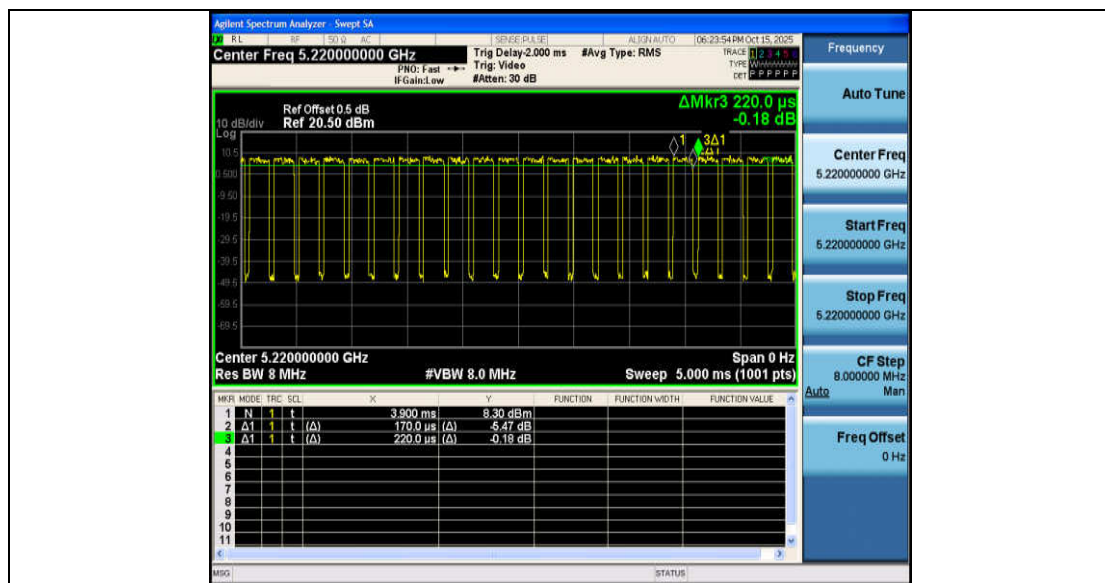
11A_Ant1_5825



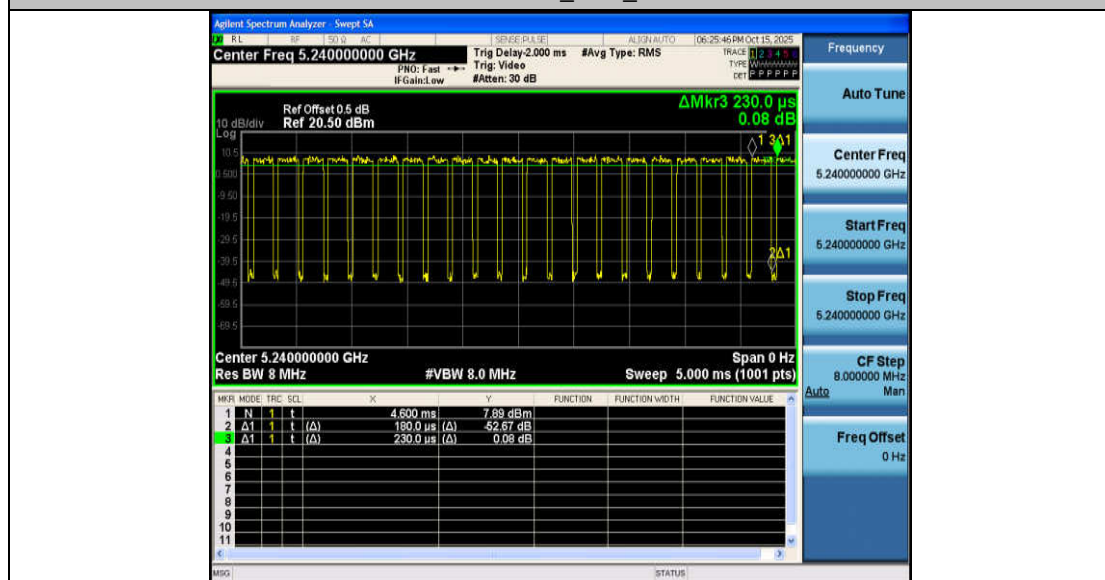
11N20SISO_Ant1_5180



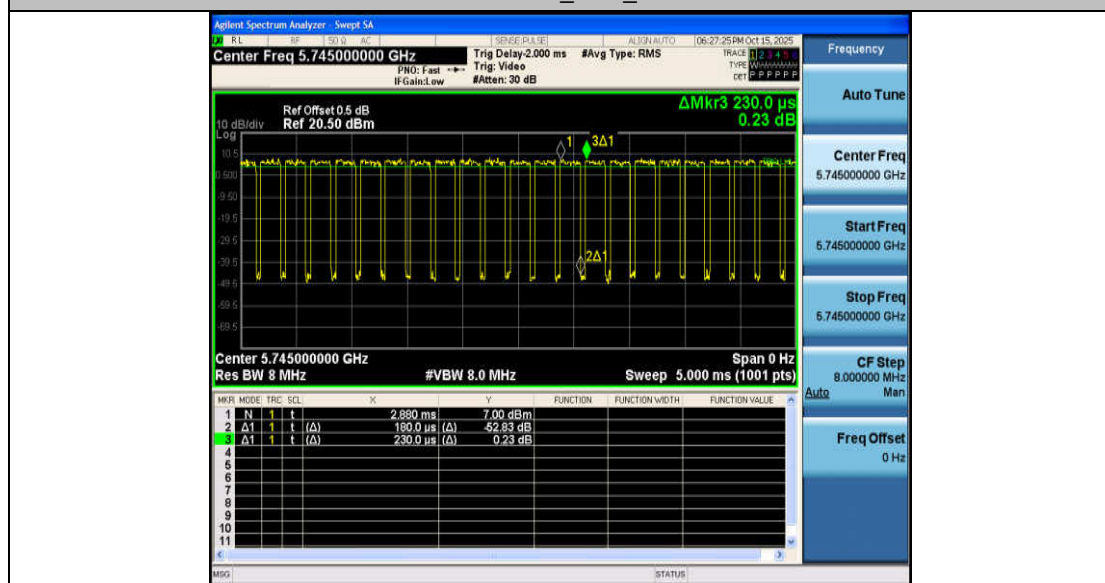
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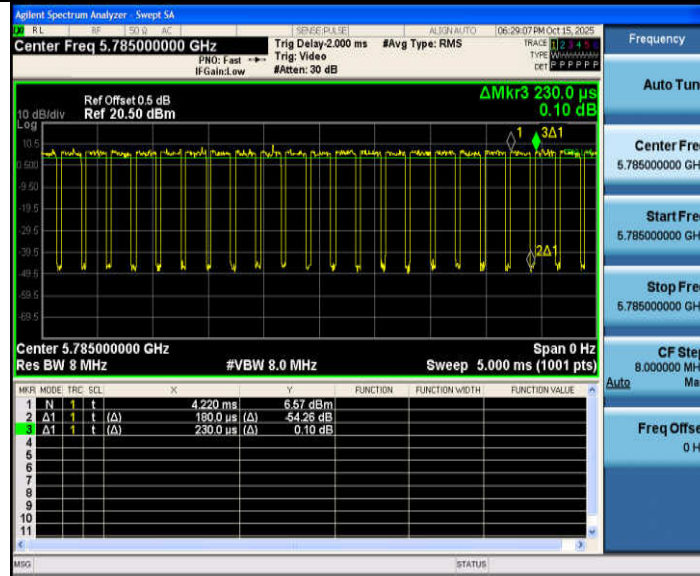
11N20SISO_Ant1_5240



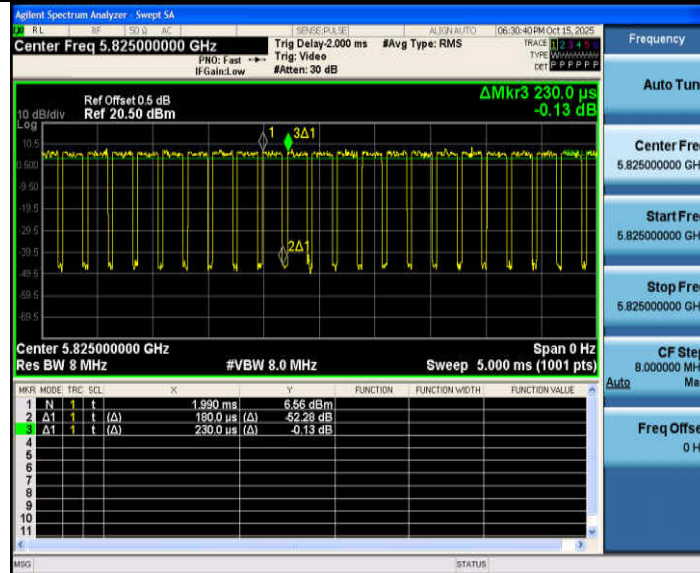
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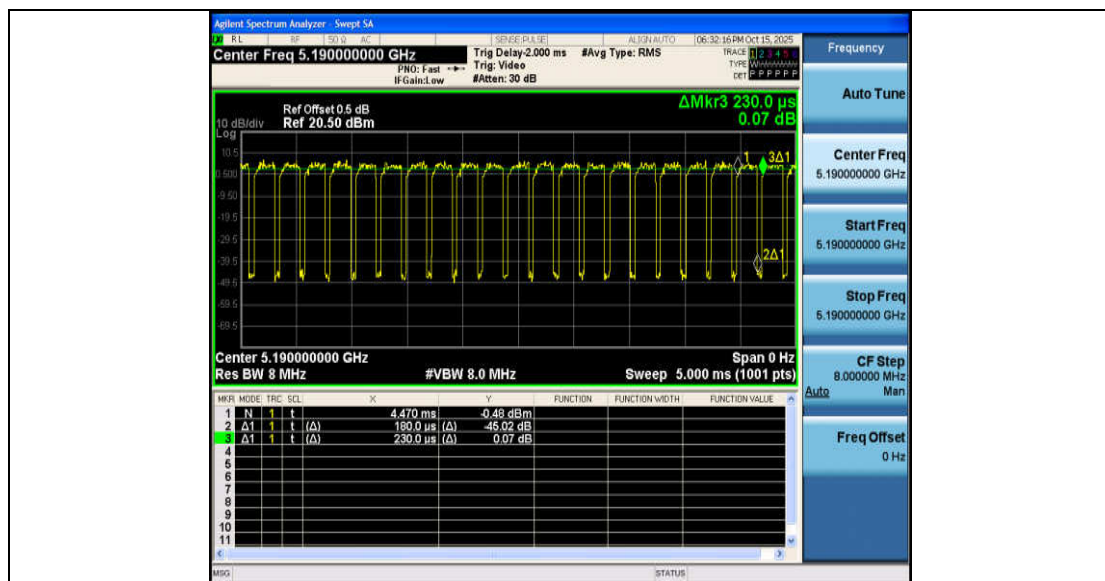
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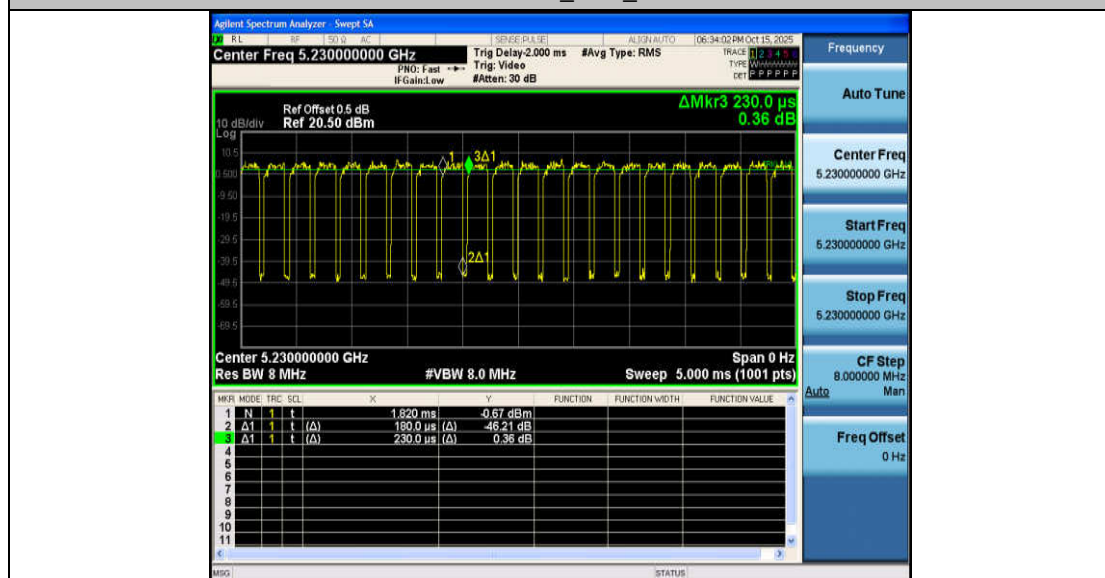
11N20SISO_Ant1_5825



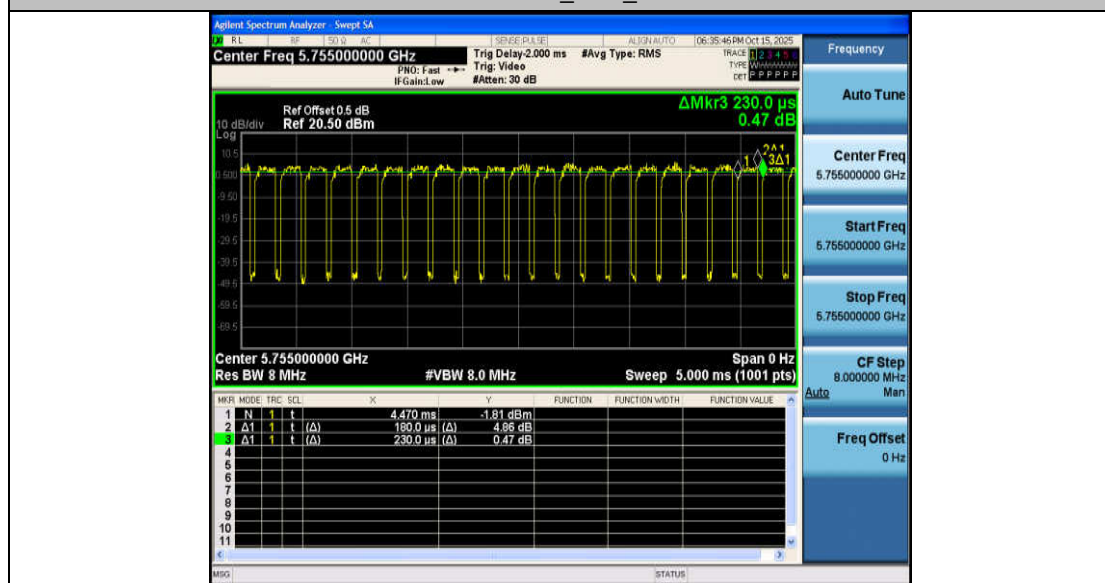
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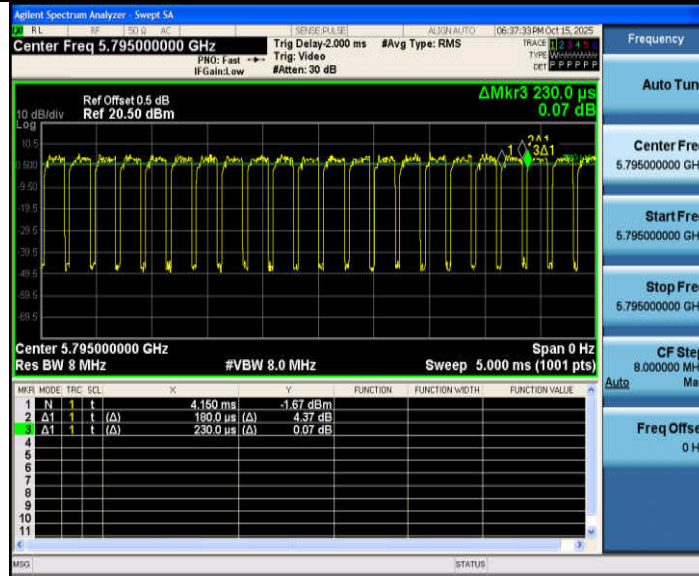
11N40SISO_Ant1_5230



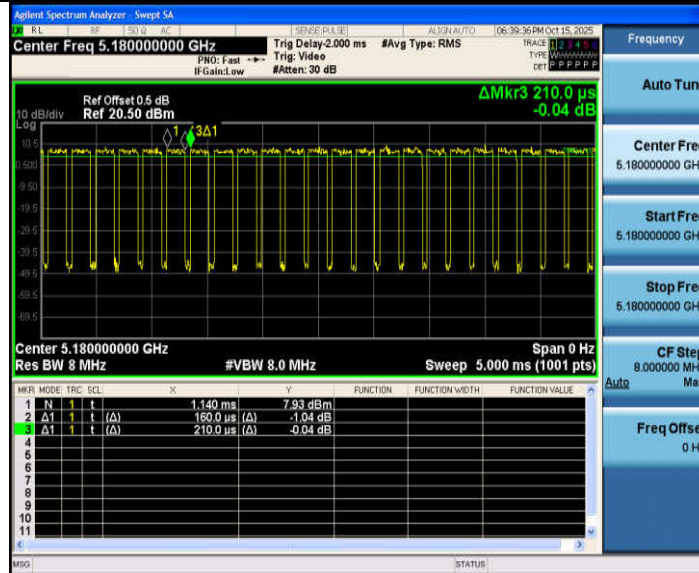
11N40SISO_Ant1_5755



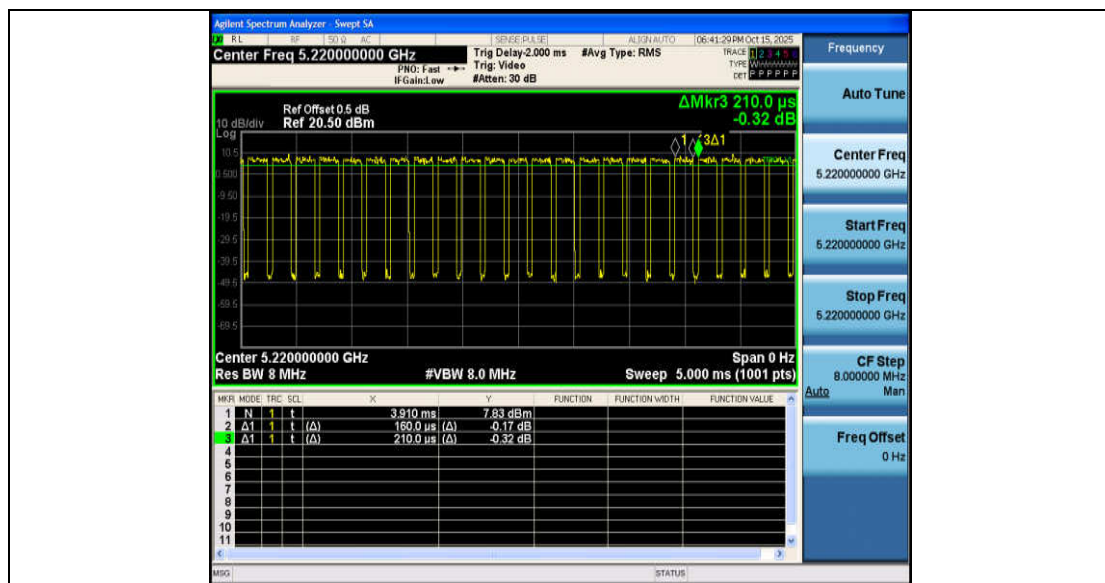
11N40SISO_Ant1_5795



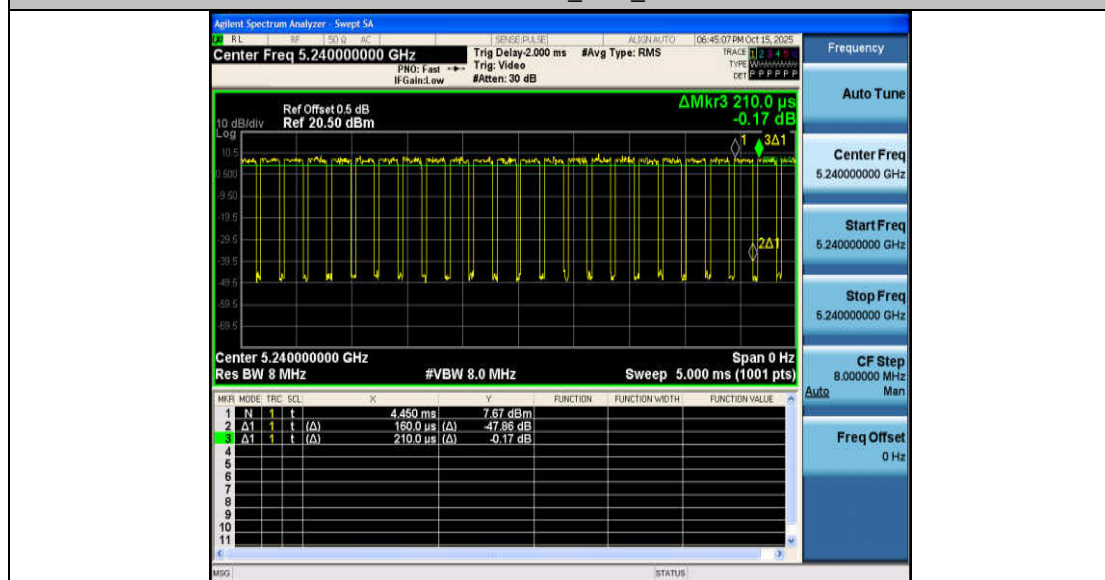
11AC20SISO_Ant1_5180



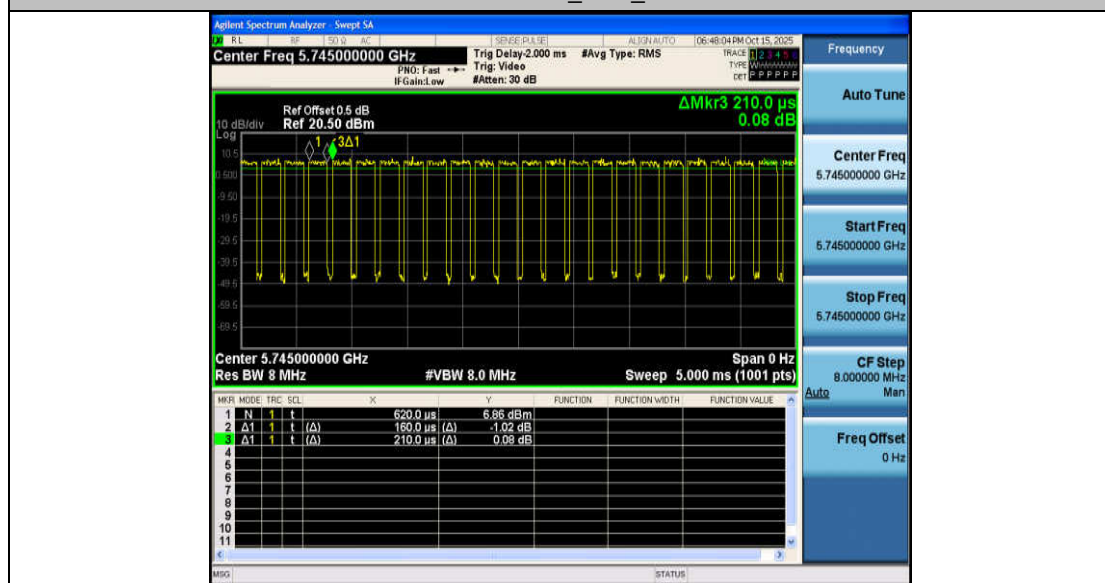
11AC20SISO_Ant1_5220



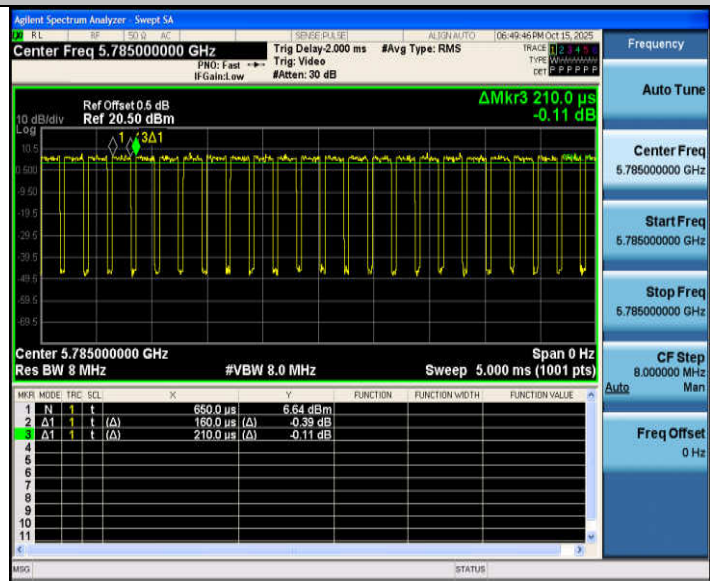
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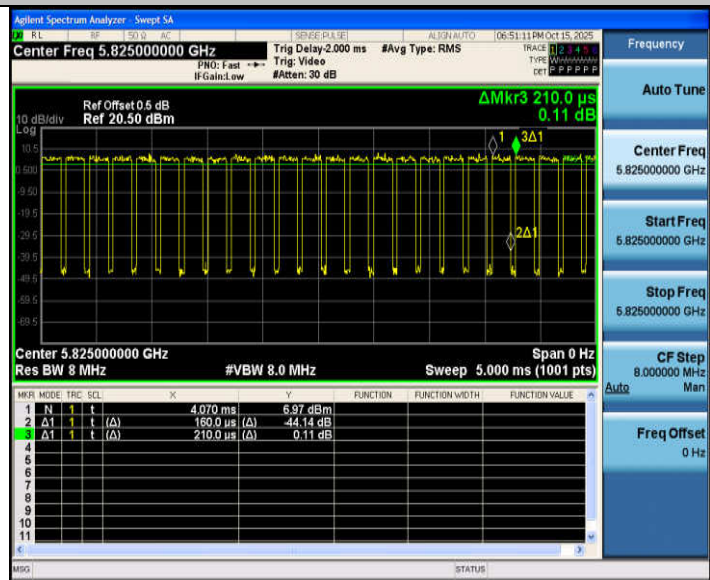
11AC20SISO_Ant1_5745



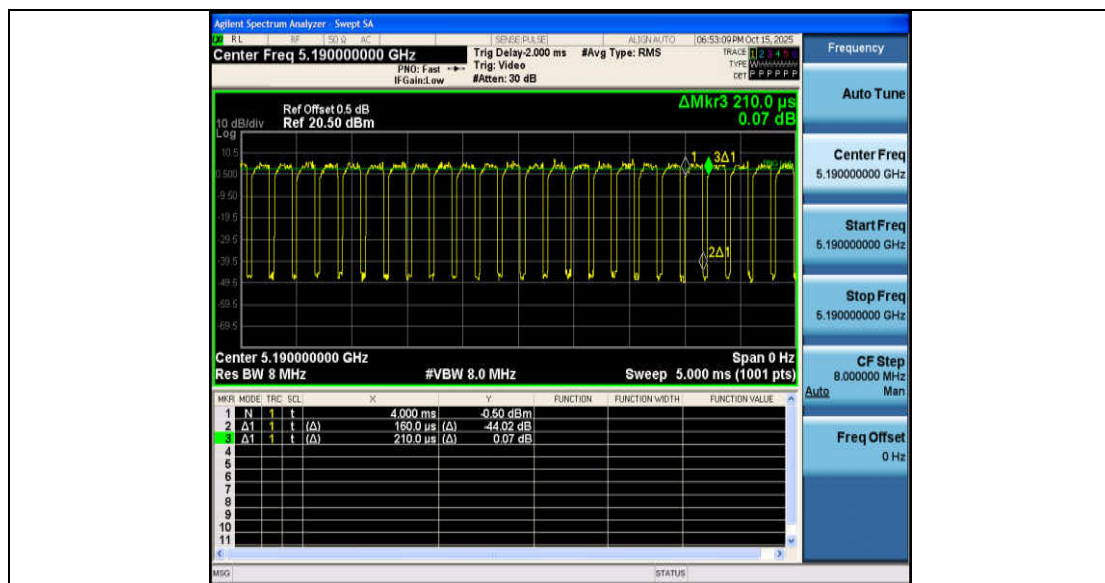
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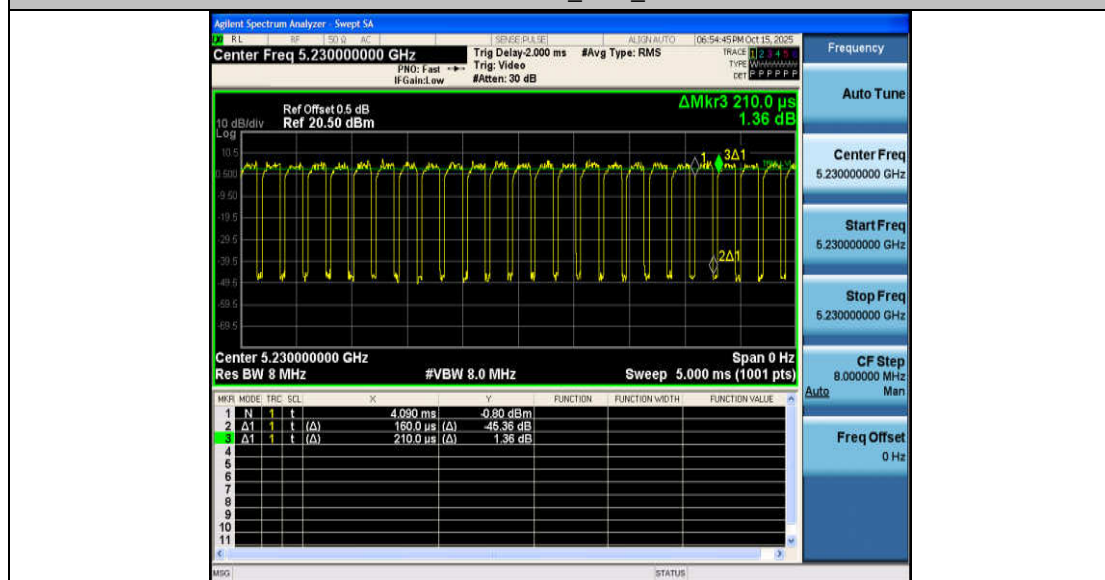
11AC20SISO_Ant1_5825



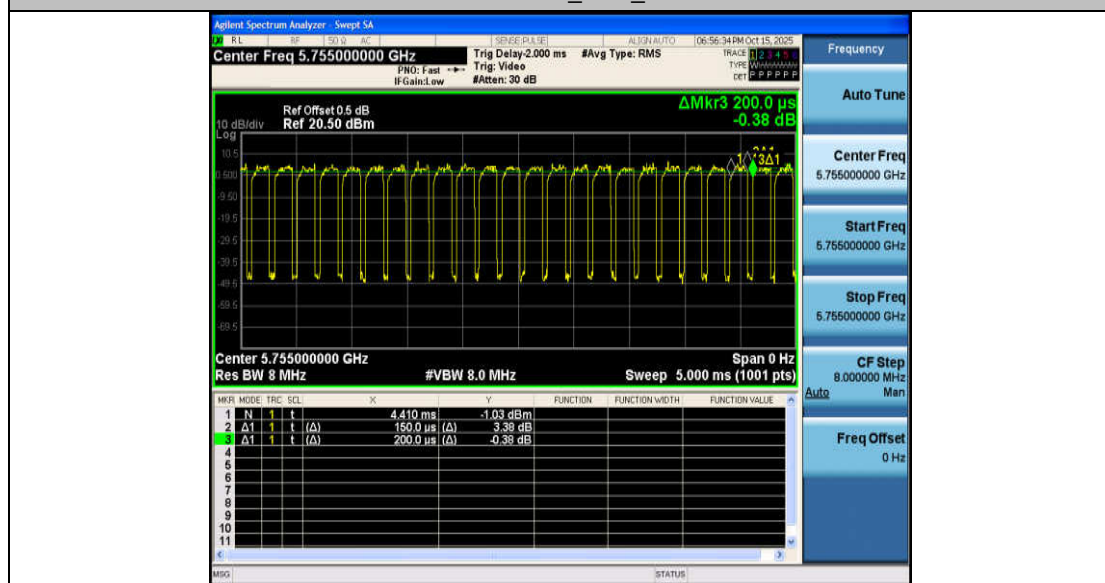
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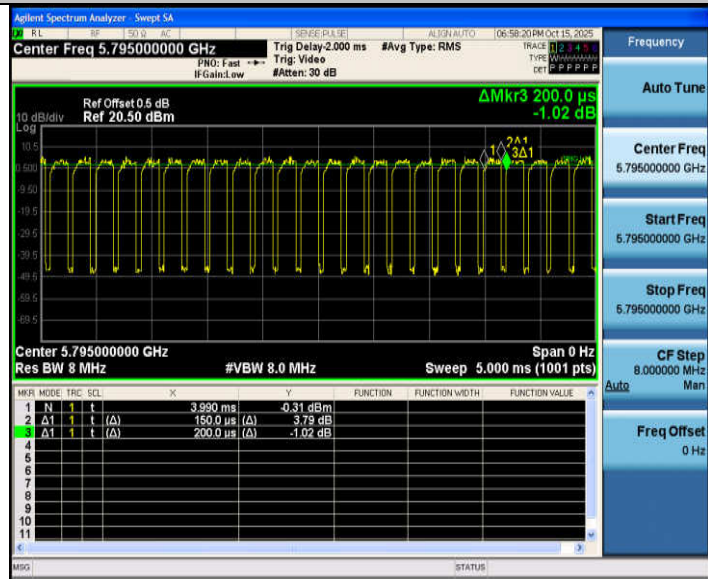
11AC40SISO_Ant1_5230



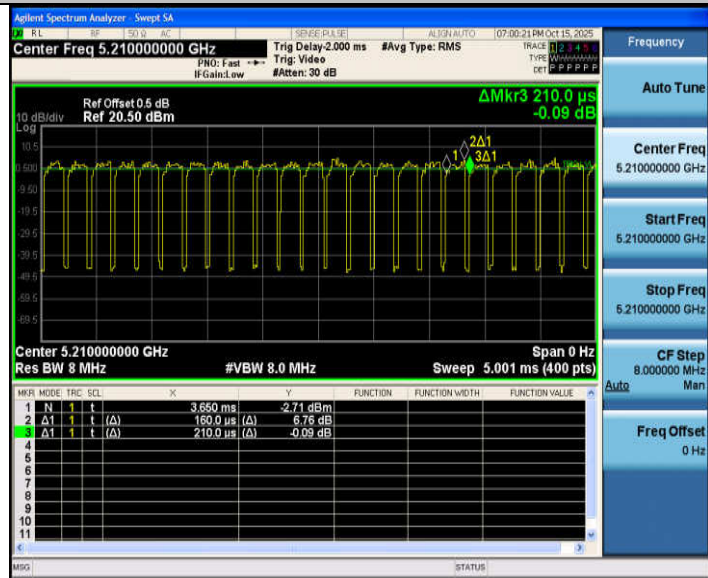
11AC40SISO_Ant1_5755



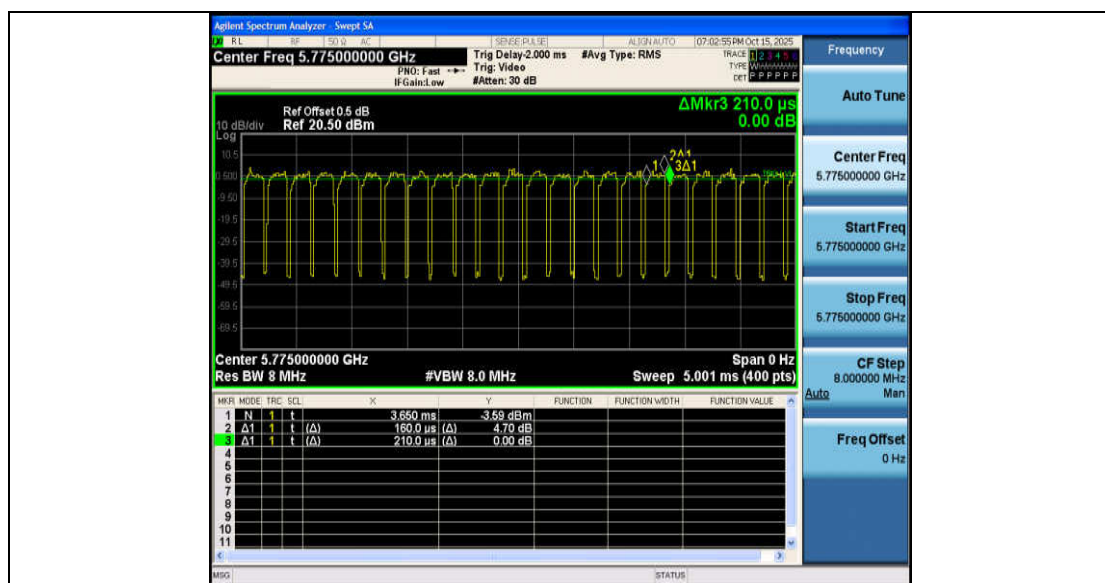
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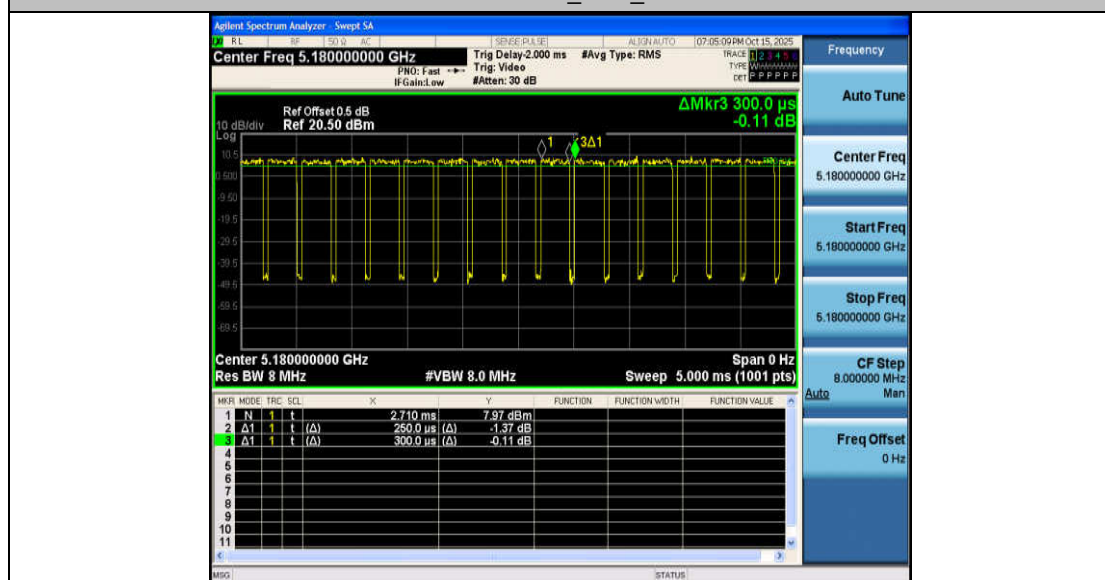
11AC80SISO_Ant1_5210



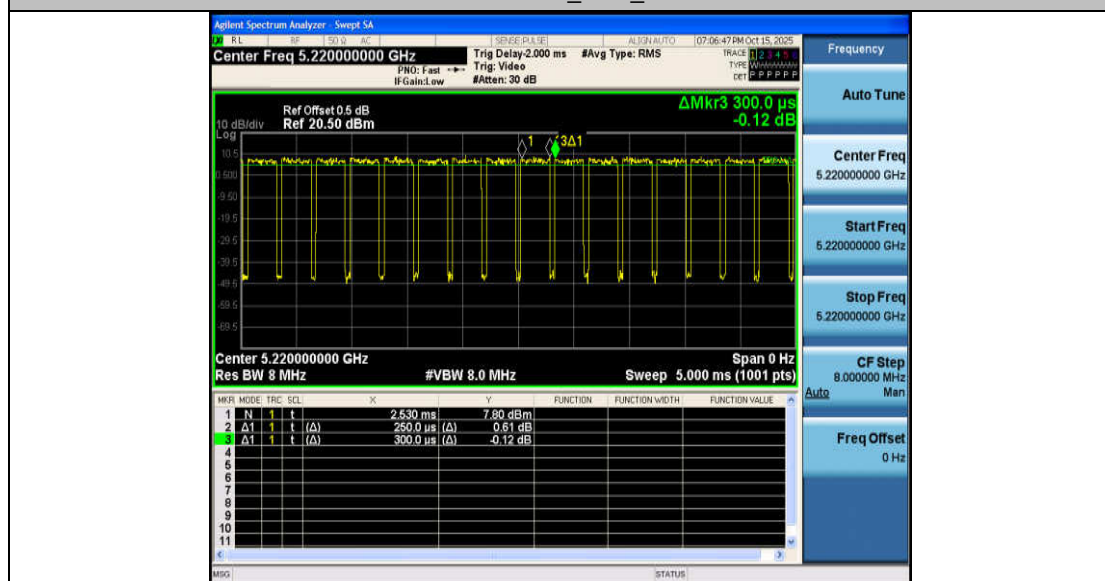
11AC80SISO_Ant1_5775



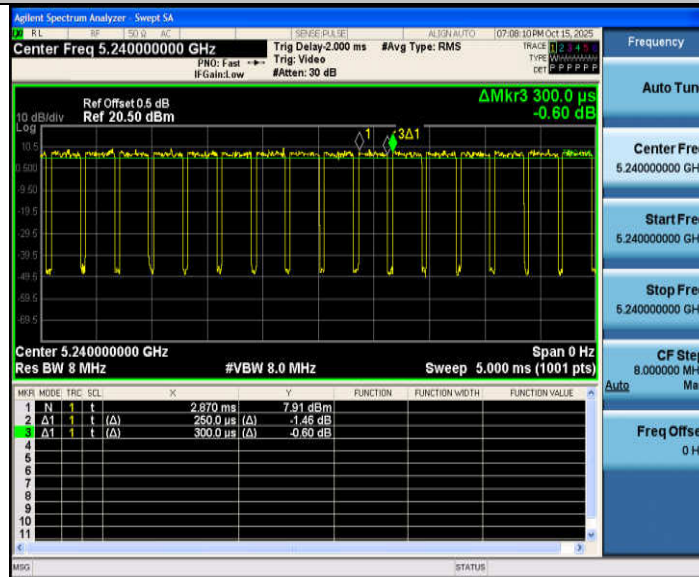
11AX20SISO_Ant1_5180



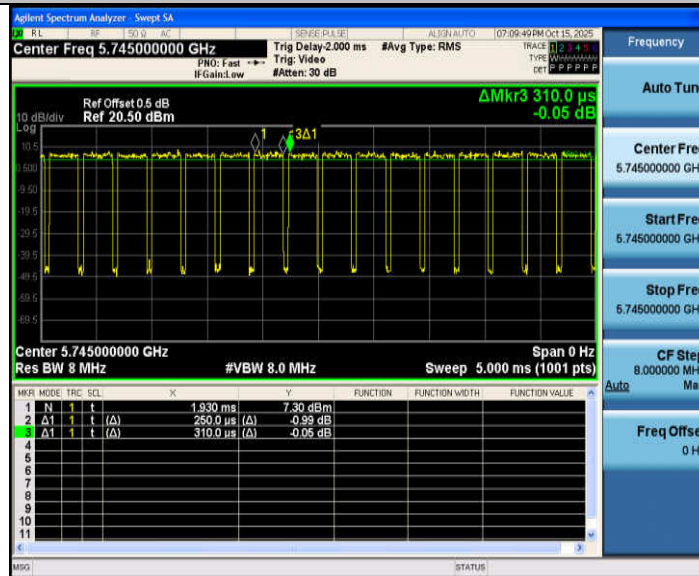
11AX20SISO_Ant1_5220



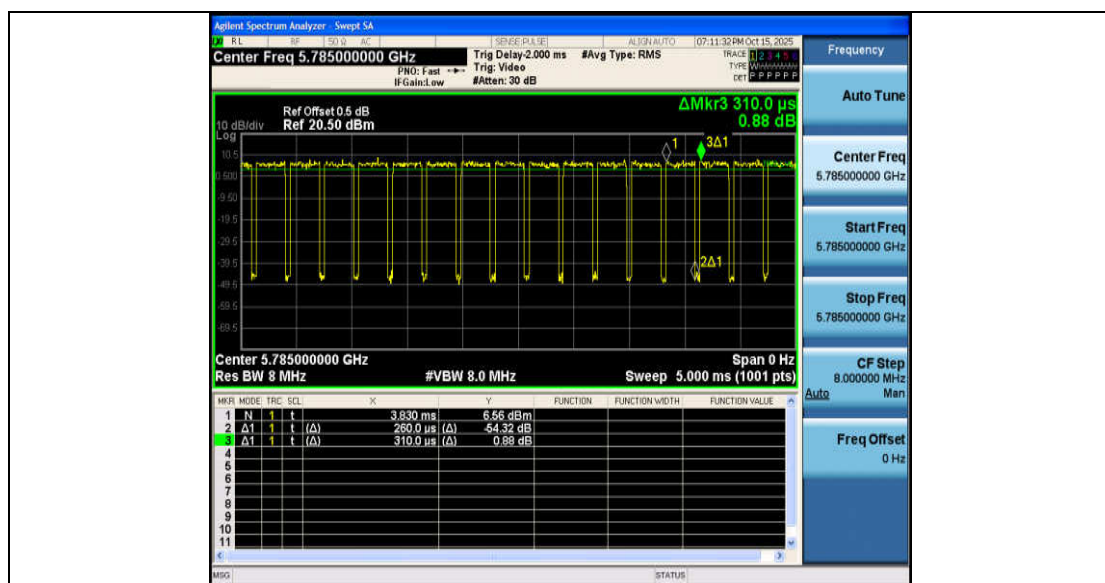
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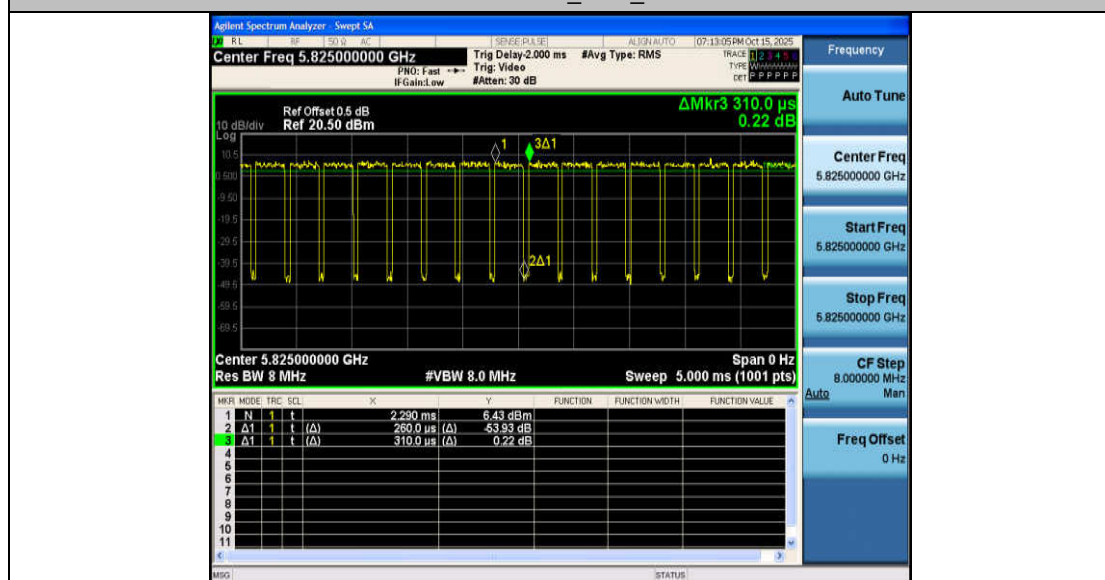
11AX20SISO_Ant1_5745



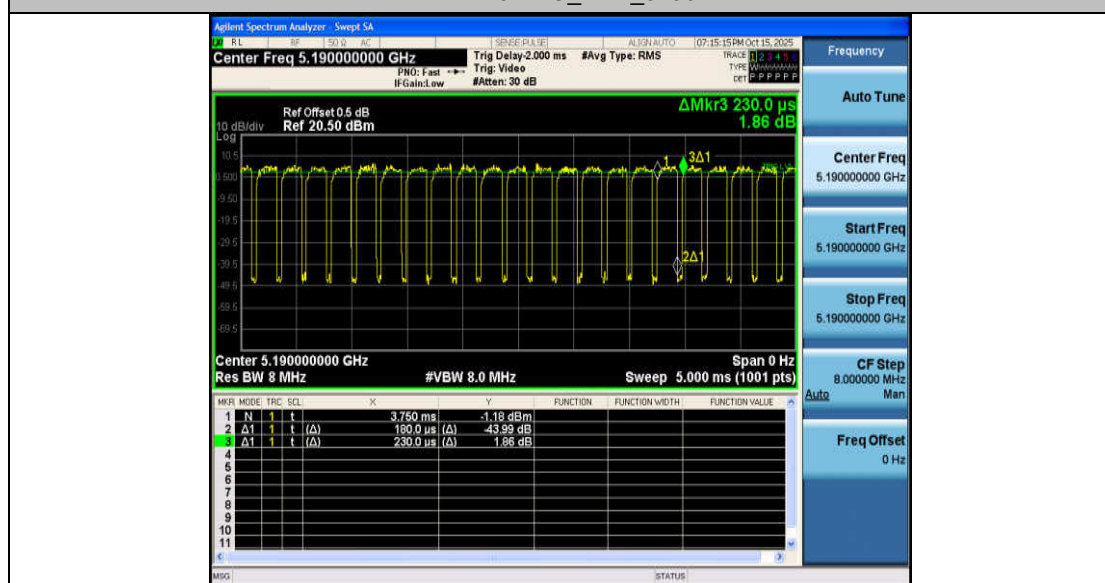
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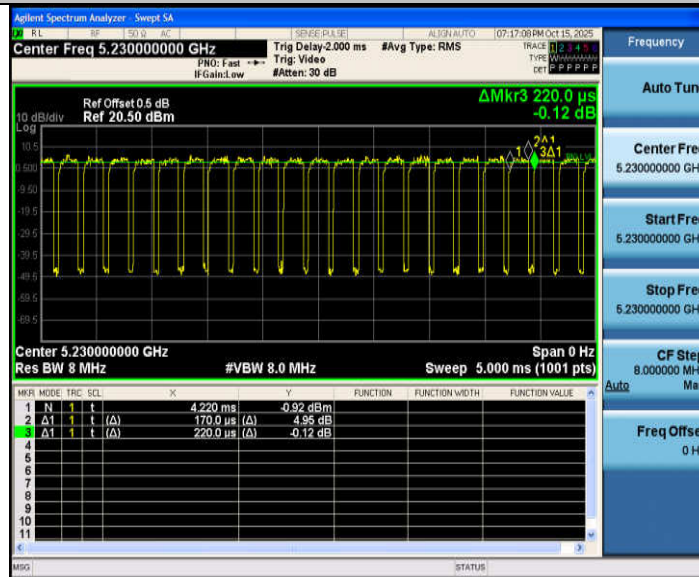
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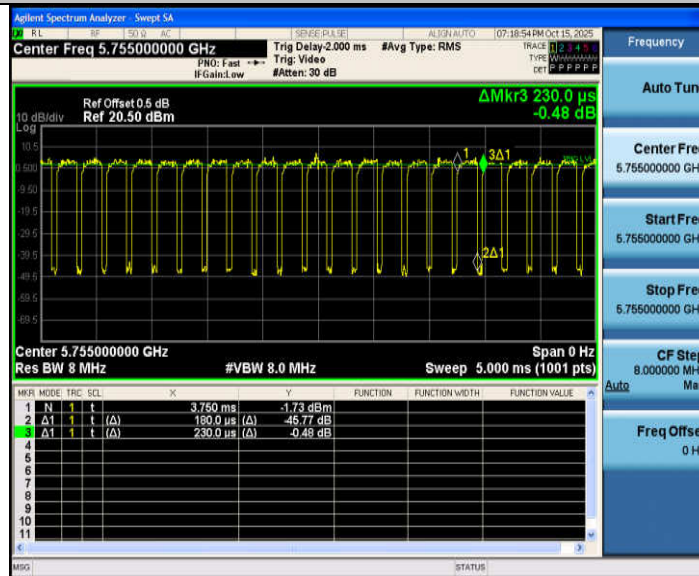
11AX40SISO_Ant1_5190



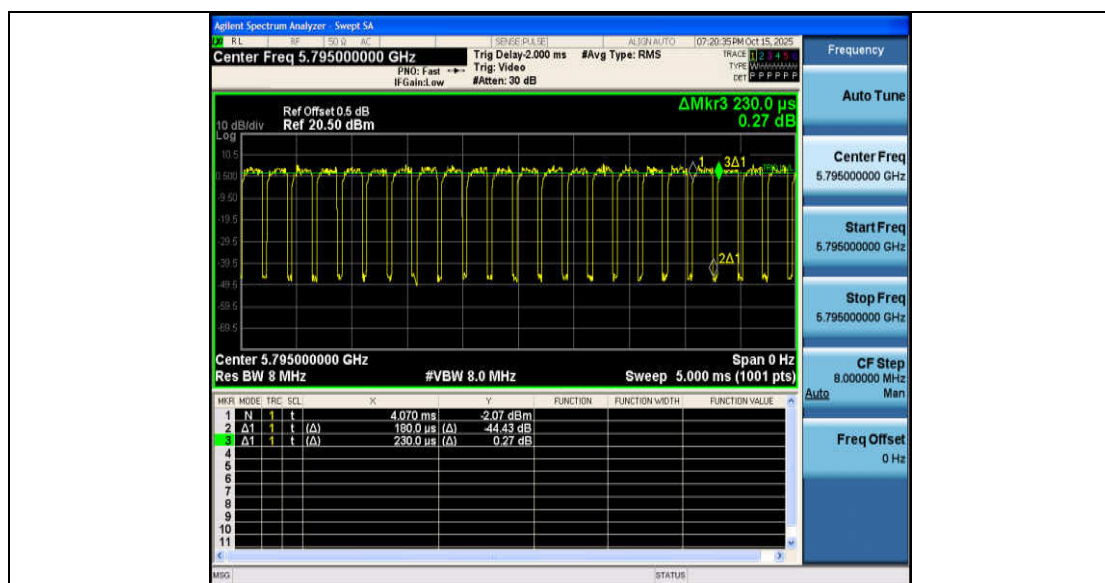
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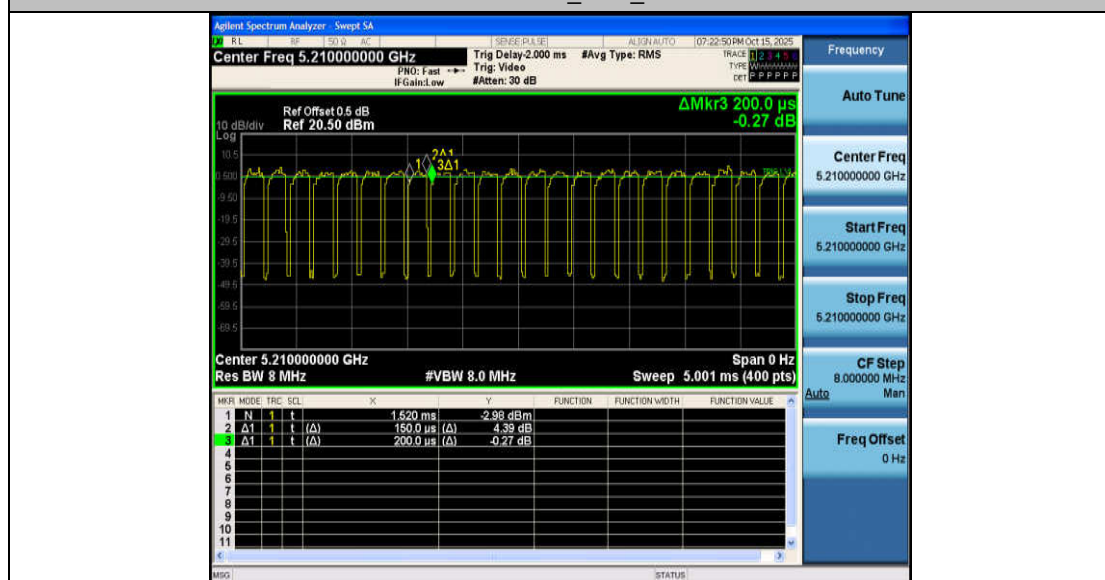
11AX40SISO_Ant1_5755



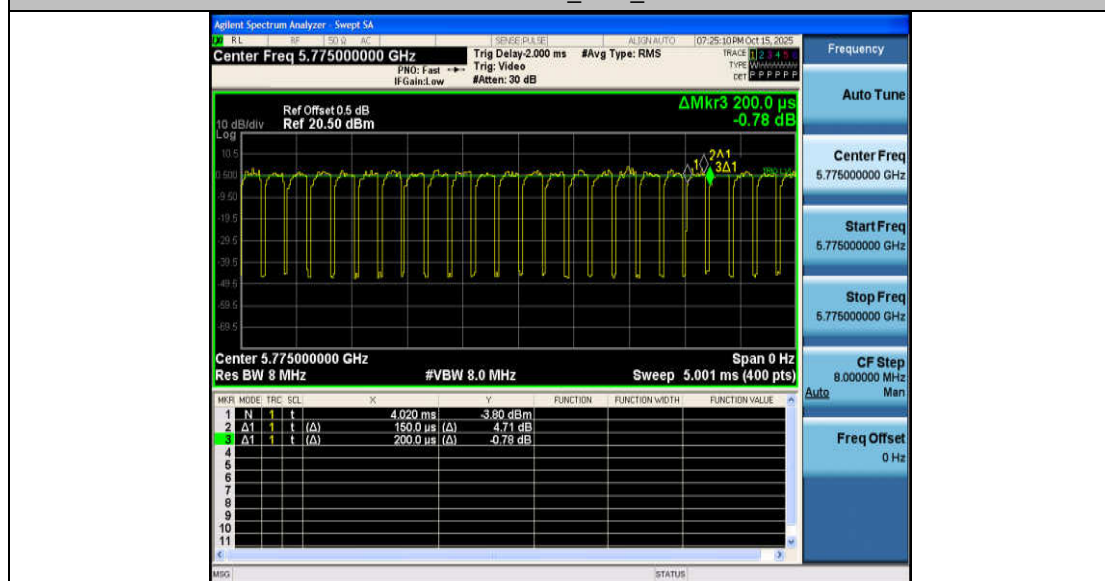
11AX40SISO_Ant1_5795



11AX80SISO_Ant1_5210



11AX80SISO_Ant1_5775



Appendix C: Maximum conducted output power

Test Result Channel Power

Test Mode	Antenna	Freq(MHz)	Channel Power [dBm]	Duty Cycle [%]	DC Factor [dBm]	Result [dBm]	Limit [dBm]	Verdict
11A	Ant2	5180	1.97	75	1.25	3.22	≤23.98	PASS
		5220	1.92	73.68	1.33	3.25	≤23.98	PASS
		5240	1.83	75	1.25	3.08	≤23.98	PASS
		5745	1.11	73.68	1.33	2.44	≤30.00	PASS
		5785	0.82	73.68	1.33	2.15	≤30.00	PASS
		5825	0.65	75	1.25	1.9	≤30.00	PASS
11N20SISO	Ant2	5180	2.11	78.26	1.06	3.17	≤23.98	PASS
		5220	2.07	77.27	1.12	3.19	≤23.98	PASS
		5240	1.99	78.26	1.06	3.05	≤23.98	PASS
		5745	1.19	78.26	1.06	2.25	≤30.00	PASS
		5785	0.93	78.26	1.06	1.99	≤30.00	PASS
		5825	0.74	78.26	1.06	1.8	≤30.00	PASS
11N40SISO	Ant2	5190	2.57	78.26	1.06	3.63	≤23.98	PASS
		5230	2.36	78.26	1.06	3.42	≤23.98	PASS
		5755	1.64	78.26	1.06	2.7	≤30.00	PASS
		5795	1.36	78.26	1.06	2.42	≤30.00	PASS
11AC20SISO	Ant2	5180	1.94	76.19	1.18	3.12	≤23.98	PASS
		5220	1.94	76.19	1.18	3.12	≤23.98	PASS
		5240	1.77	76.19	1.18	2.95	≤23.98	PASS
		5745	0.99	76.19	1.18	2.17	≤30.00	PASS
		5785	0.78	76.19	1.18	1.96	≤30.00	PASS
		5825	0.55	76.19	1.18	1.73	≤30.00	PASS
11AC40SISO	Ant2	5190	2.28	76.19	1.18	3.46	≤23.98	PASS
		5230	2.25	76.19	1.18	3.43	≤23.98	PASS
		5755	1.5	75	1.25	2.75	≤30.00	PASS
		5795	1.22	75	1.25	2.47	≤30.00	PASS
11AC80SISO	Ant2	5210	2.46	76.19	1.18	3.64	≤23.98	PASS
		5775	1.47	76.19	1.18	2.65	≤30.00	PASS
11AX20SISO	Ant2	5180	2.41	83.33	0.79	3.2	≤23.98	PASS
		5220	2.35	83.33	0.79	3.14	≤23.98	PASS
		5240	2.28	83.33	0.79	3.07	≤23.98	PASS
		5745	1.48	80.65	0.93	2.41	≤30.00	PASS
		5785	1.22	83.87	0.76	1.98	≤30.00	PASS
		5825	1.01	83.87	0.76	1.77	≤30.00	PASS
11AX40SISO	Ant2	5190	2.03	78.26	1.06	3.09	≤23.98	PASS
		5230	1.98	77.27	1.12	3.1	≤23.98	PASS

11AX80SISO	Ant2	5755	1.23	78.26	1.06	2.29	≤30.00	PASS
		5795	0.9	78.26	1.06	1.96	≤30.00	PASS
		5210	2.11	75	1.25	3.36	≤23.98	PASS
		5775	1.18	75	1.25	2.43	≤30.00	PASS

Appendix D: Maximum power spectral density

Test Result

TestMode	Antenna	Freq(MHz)	Result [dBm/1MHz] For 5.2G	RBW Factor (dB)	Duty factor (dB)	Result [dBm/MHz] For 5.2G	Limit[dBm/MHz] For 5.2G	Verdict
			Result [dBm/300KHz] For 5.8G			Result [dBm/500kHz] For 5.8G	Limit[dBm/500kHz] For 5.8G	
11A	Ant2	5180	-6.770	/	1.25	-5.52	≤11.00	PASS
		5220	-6.693	/	1.33	-5.36	≤11.00	PASS
		5240	-6.604	/	1.25	-5.35	≤11.00	PASS
		5745	-12.095	2.22	1.33	-8.55	≤30.00	PASS
		5785	-12.780	2.22	1.33	-9.23	≤30.00	PASS
		5825	-12.191	2.22	1.25	-8.72	≤30.00	PASS
11N20SISO	Ant2	5180	-6.550	/	1.06	-5.49	≤11.00	PASS
		5220	-6.640	/	1.12	-5.52	≤11.00	PASS
		5240	-6.834	/	1.06	-5.77	≤11.00	PASS
		5745	-12.118	2.22	1.06	-8.84	≤30.00	PASS
		5785	-12.130	2.22	1.06	-8.85	≤30.00	PASS
		5825	-12.550	2.22	1.06	-9.27	≤30.00	PASS
11N40SISO	Ant2	5190	-9.728	/	1.06	-8.67	≤11.00	PASS
		5230	-9.579	/	1.06	-8.52	≤11.00	PASS
		5755	-15.045	2.22	1.06	-11.77	≤30.00	PASS
		5795	-15.160	2.22	1.06	-11.88	≤30.00	PASS
11AC20SISO	Ant2	5180	-6.798	/	1.18	-5.62	≤11.00	PASS

		5220	-6.916	/	1.18	-5.74	≤11.00	PASS
		5240	-6.904	/	1.18	-5.72	≤11.00	PASS
		5745	-12.403	2.22	1.18	-9.00	≤30.00	PASS
		5785	-12.422	2.22	1.18	-9.02	≤30.00	PASS
		5825	-12.378	2.22	1.18	-8.98	≤30.00	PASS
11AC40SISO	Ant2	5190	-9.750	/	1.18	-8.57	≤11.00	PASS
		5230	-9.950	/	1.18	-8.77	≤11.00	PASS
		5755	-15.077	2.22	1.25	-11.61	≤30.00	PASS
		5795	-15.387	2.22	1.25	-11.92	≤30.00	PASS
11AC80SISO	Ant2	5210	-12.427	/	1.18	-11.25	≤11.00	PASS
		5775	-17.618	2.22	1.18	-14.22	≤30.00	PASS
11AX20SISO	Ant2	5180	-6.498	/	0.79	-5.71	≤11.00	PASS
		5220	-6.651	/	0.79	-5.86	≤11.00	PASS
		5240	-6.788	/	0.79	-6.00	≤11.00	PASS
		5745	-12.428	2.22	0.93	-9.28	≤30.00	PASS
		5785	-12.387	2.22	0.76	-9.41	≤30.00	PASS
		5825	-12.840	2.22	0.76	-9.86	≤30.00	PASS
11AX40SISO	Ant2	5190	-10.143	/	1.06	-9.08	≤11.00	PASS
		5230	-10.342	/	1.12	-9.22	≤11.00	PASS
		5755	-15.723	2.22	1.06	-12.44	≤30.00	PASS
		5795	-15.646	2.22	1.06	-12.37	≤30.00	PASS
11AX80SISO	Ant2	5210	-13.055	/	1.25	-11.81	≤11.00	PASS
		5775	-17.893	2.22	1.25	-14.42	≤30.00	PASS

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

P.S.D(dBm/500KHz)= P.S.D(dBm/300KHz)+10 log (500 kHz/300KHz)+Duty factor.

2. RBW factor= 10 log (500 KHz /300 KHz) = 2.22 dB

Test Graphs

11A_Ant1_5180



11A_Ant1_5220



11A_Ant1_5240



11A_Ant1_5745



11A_Ant1_5785



11A_Ant1_5825



11N20SISO_Ant1_5180



11N20SISO_Ant1_5220



11N20SISO_Ant1_5240



11N20SISO_Ant1_5745



11N20SISO_Ant1_5785



11N20SISO_Ant1_5825



11N40SISO_Ant1_5190



11N40SISO_Ant1_5230



11N40SISO_Ant1_5755



11N40SISO_Ant1_5795



11AC20SISO_Ant1_5180



11AC20SISO_Ant1_5220