



11AC80SISO_Ant1_5775



11AX20SISO_Ant1_5745



11AX20SISO_Ant1_5785



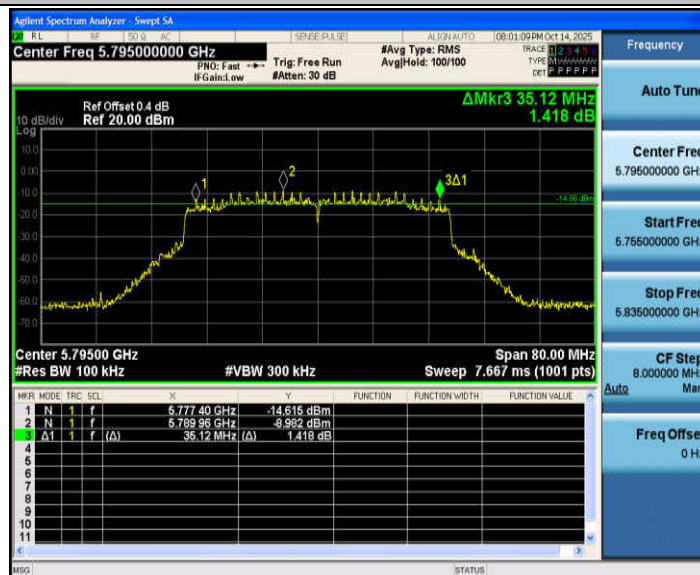
11AX20SISO_Ant1_5825



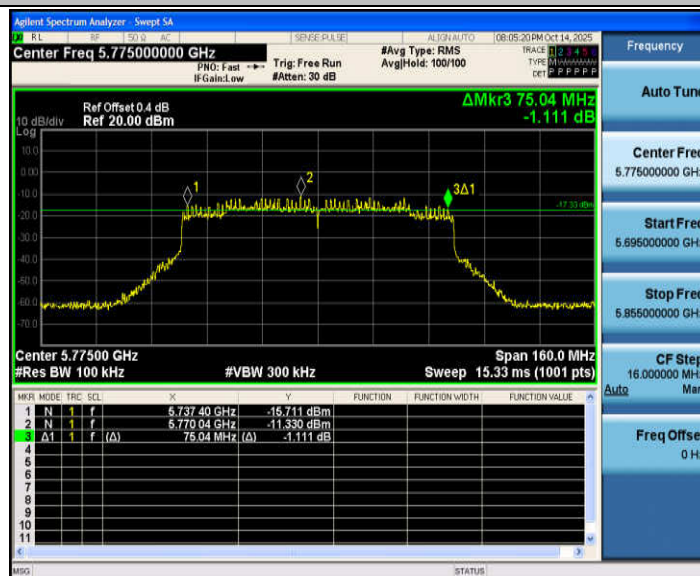
11AX40SISO_Ant1_5755



11AX40SISO_Ant1_5795



11AX80SISO_Ant1_5775



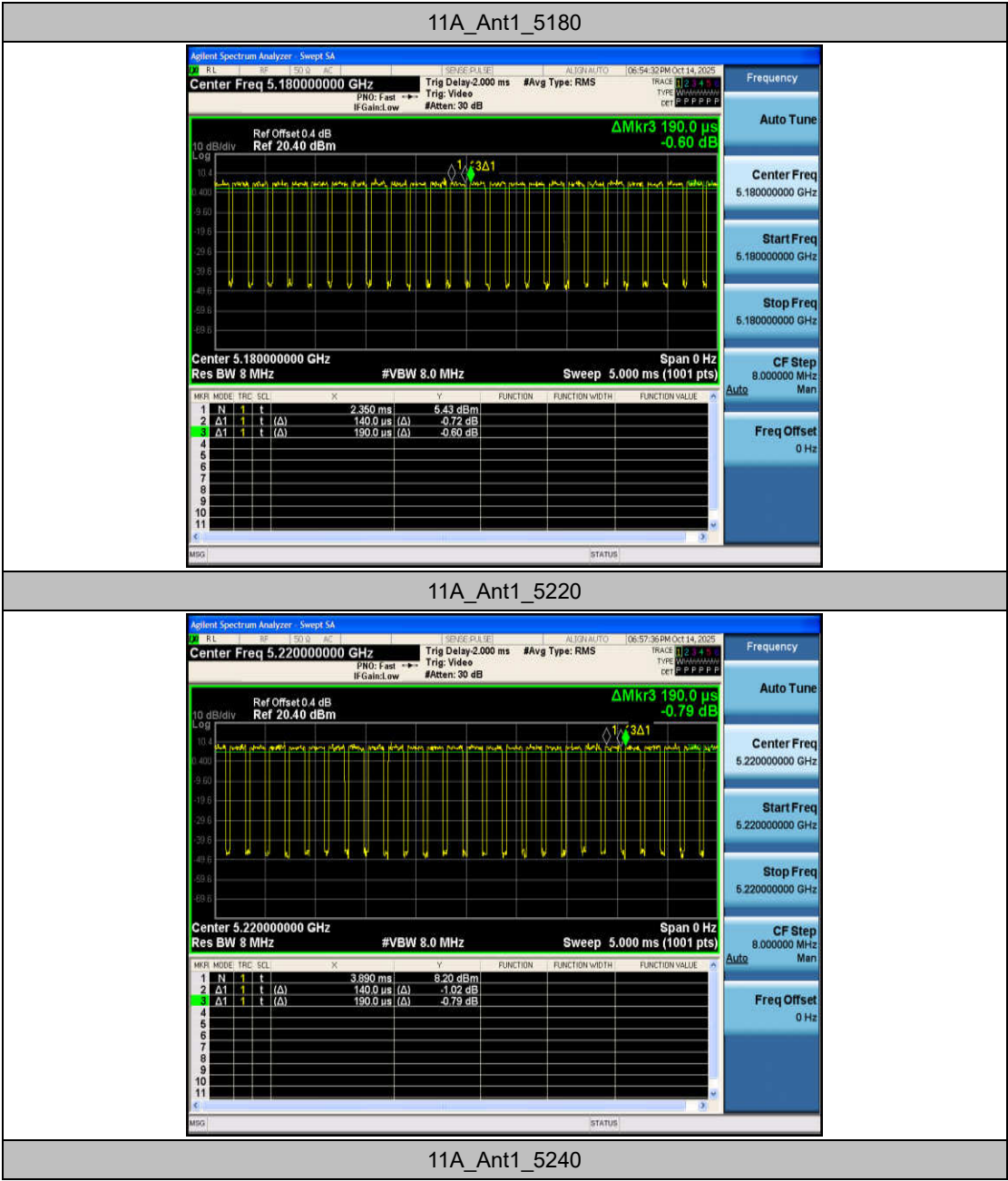
Appendix B: Duty Cycle

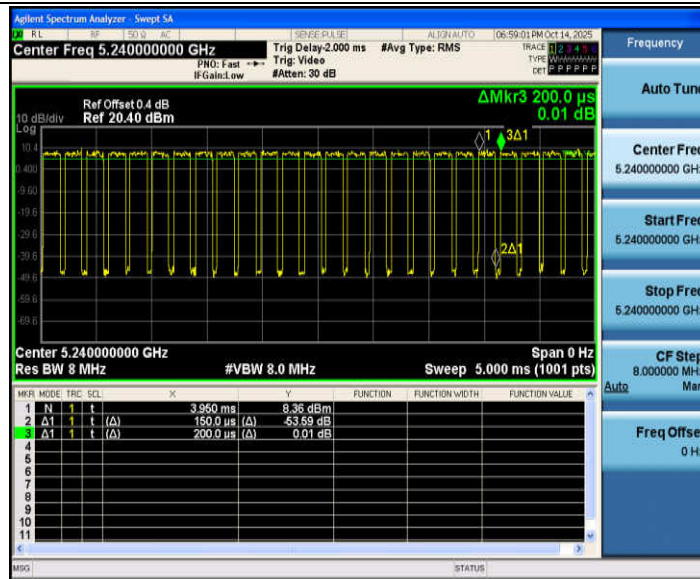
Test Result

TestMode	Antenna	Freq(MHz)	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	Duty factor(dB)	Limit	Verdict
11A	Ant1	5180	0.14	0.19	73.68	1.33	---	---
		5220	0.14	0.19	73.68	1.33	---	---
		5240	0.15	0.20	75.00	1.25	---	---
		5745	0.15	0.20	75.00	1.25	---	---
		5785	0.14	0.19	73.68	1.33	---	---
		5825	0.14	0.19	73.68	1.33	---	---
11N20SISO	Ant1	5180	0.18	0.23	78.26	1.06	---	---
		5220	0.18	0.23	78.26	1.06	---	---
		5240	0.17	0.22	77.27	1.12	---	---
		5745	0.17	0.22	77.27	1.12	---	---
		5785	0.18	0.23	78.26	1.06	---	---
		5825	0.18	0.23	78.26	1.06	---	---
11N40SISO	Ant1	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	Ant1	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	Ant1	5190	0.16	0.21	76.19	1.18	---	---
		5230	0.15	0.20	75.00	1.25	---	---
		5755	0.15	0.20	75.00	1.25	---	---
		5795	0.16	0.21	76.19	1.18	---	---
11AC80SISO	Ant1	5210	0.16	0.21	76.19	1.18	---	---
		5775	0.17	0.22	77.27	1.12	---	---
11AX20SISO	Ant1	5180	0.26	0.31	83.87	0.76	---	---
		5220	0.25	0.30	83.33	0.79	---	---
		5240	0.26	0.31	83.87	0.76	---	---
		5745	0.25	0.30	83.33	0.79	---	---
		5785	0.26	0.31	83.87	0.76	---	---
		5825	0.26	0.31	83.87	0.76	---	---
11AX40SISO	Ant1	5190	0.17	0.22	77.27	1.12	---	---
		5230	0.18	0.23	78.26	1.06	---	---
		5755	0.18	0.23	78.26	1.06	---	---

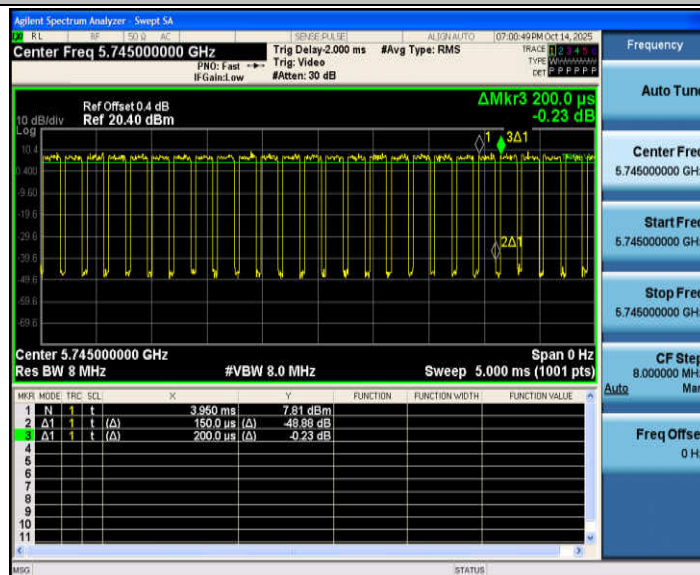
		5795	0.17	0.22	77.27	1.12	---	---
11AX80SISO	Ant1	5210	0.16	0.21	76.19	1.18	---	---
		5775	0.15	0.20	75.00	1.25	---	---

Test Graphs

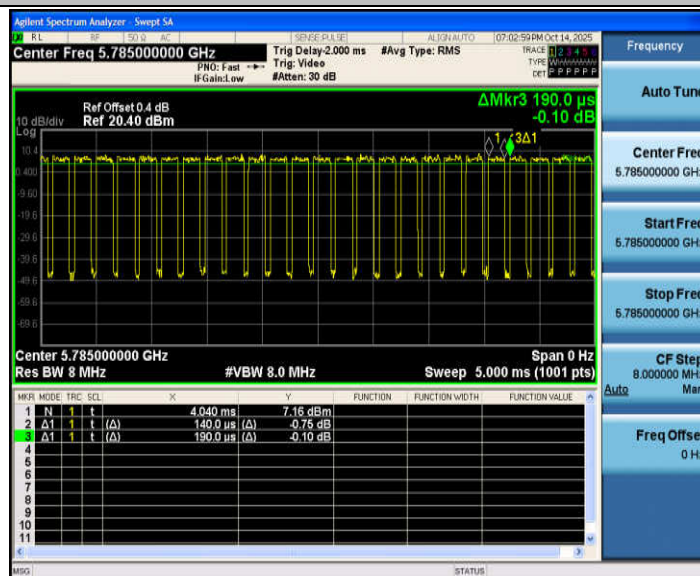




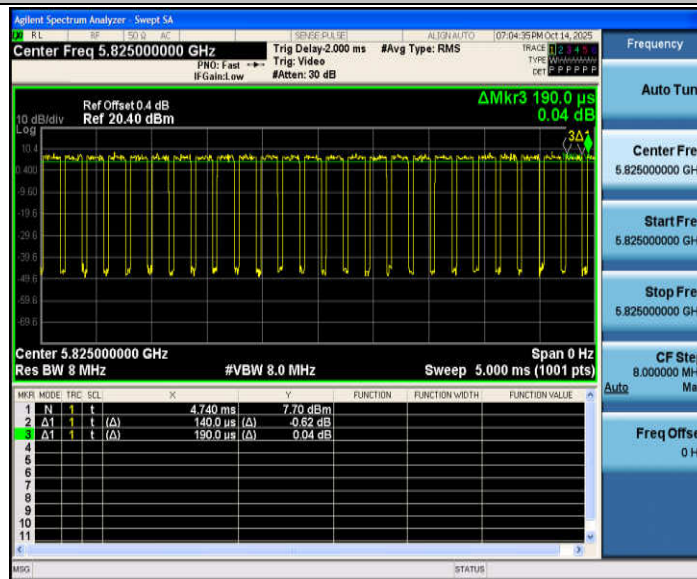
11A_Ant1_5745



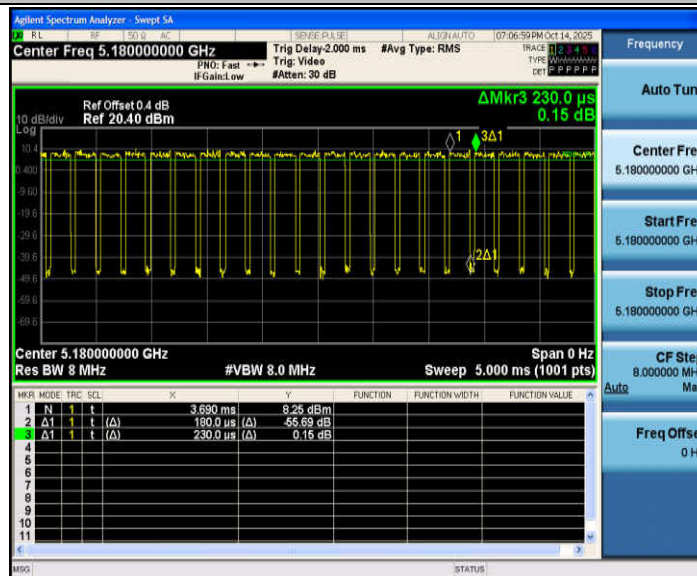
11A_Ant1_5785



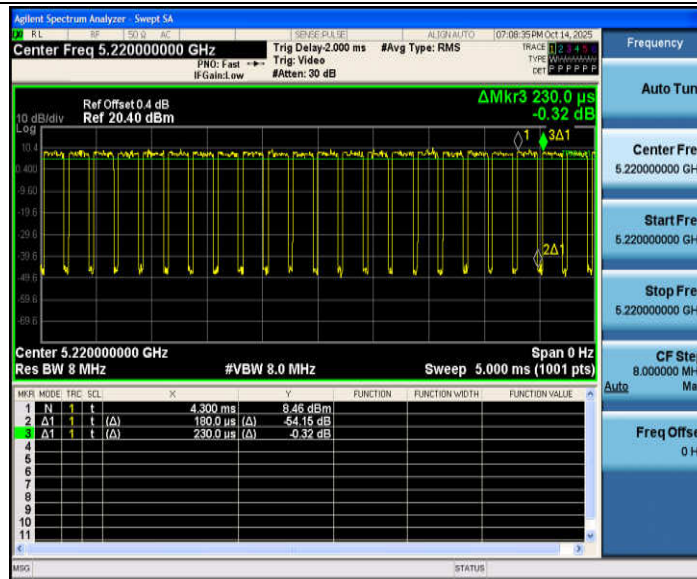
11A_Ant1_5825



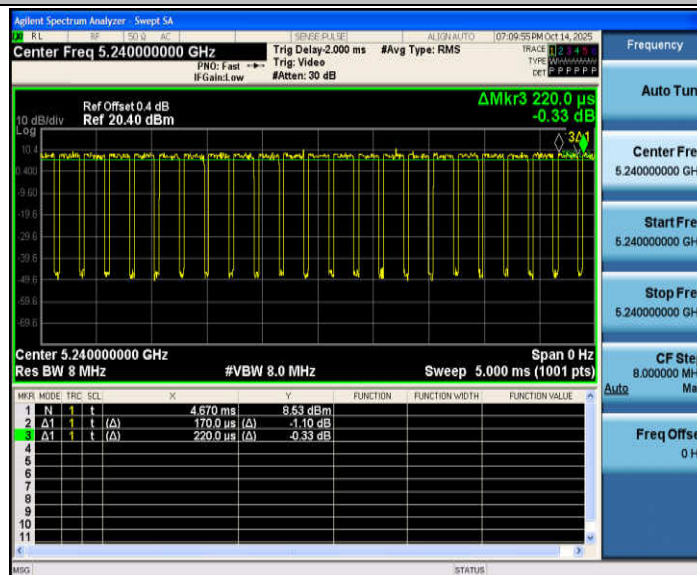
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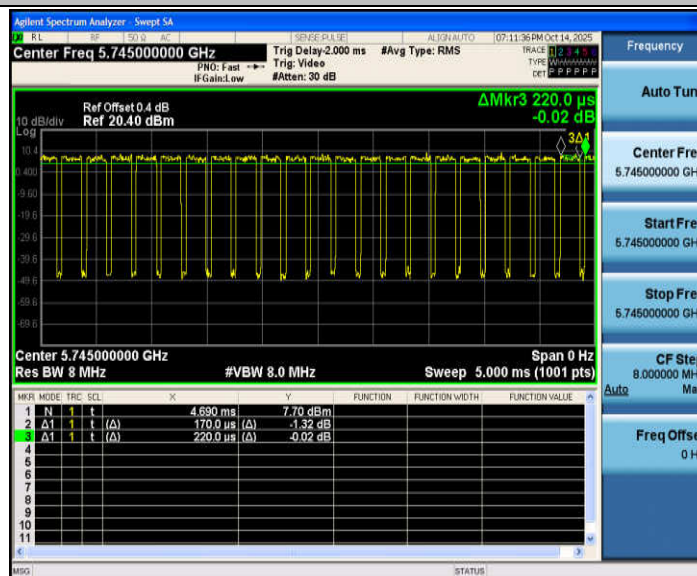
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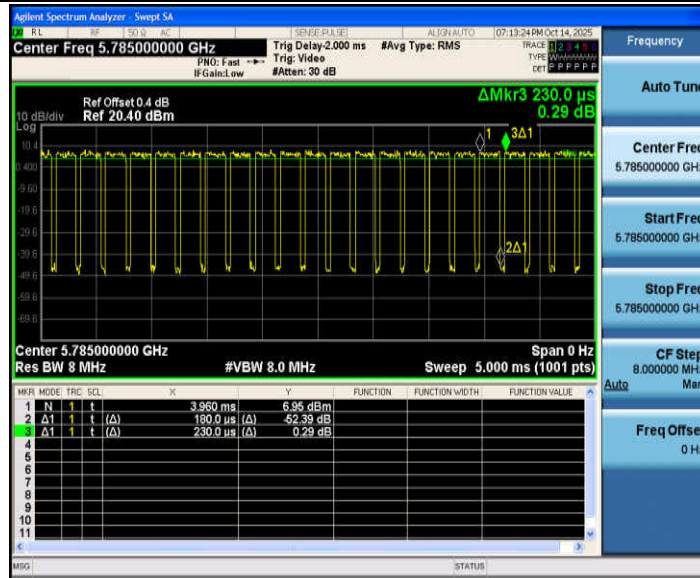
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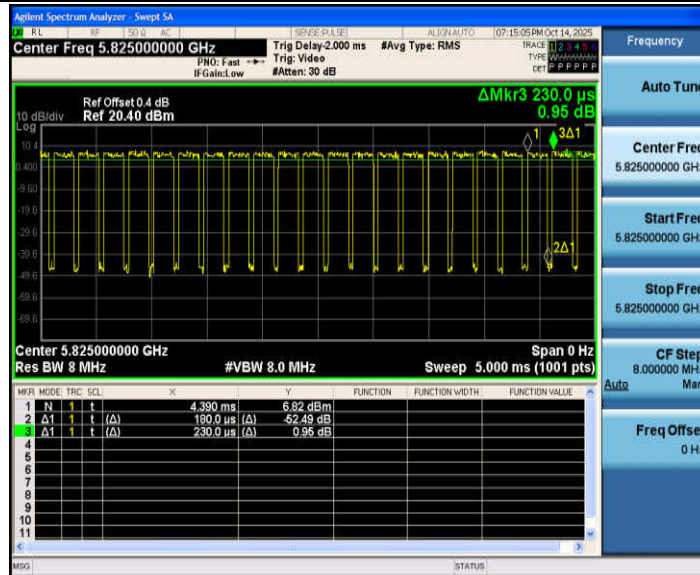
11N20SISO_Ant1_5745



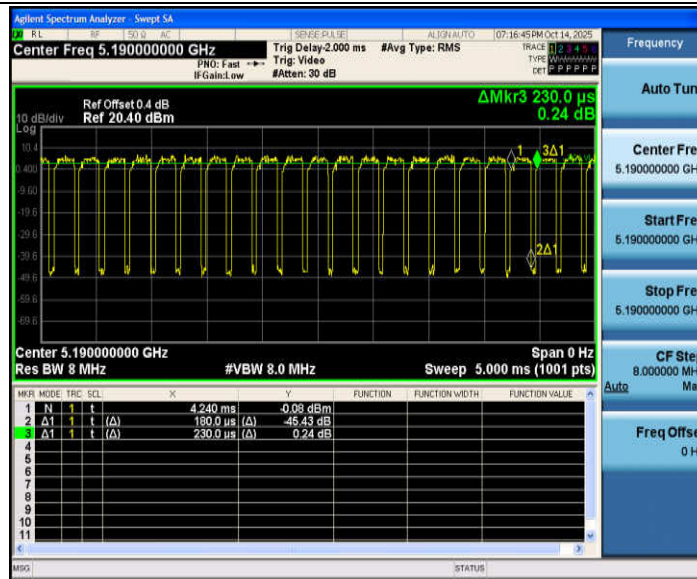
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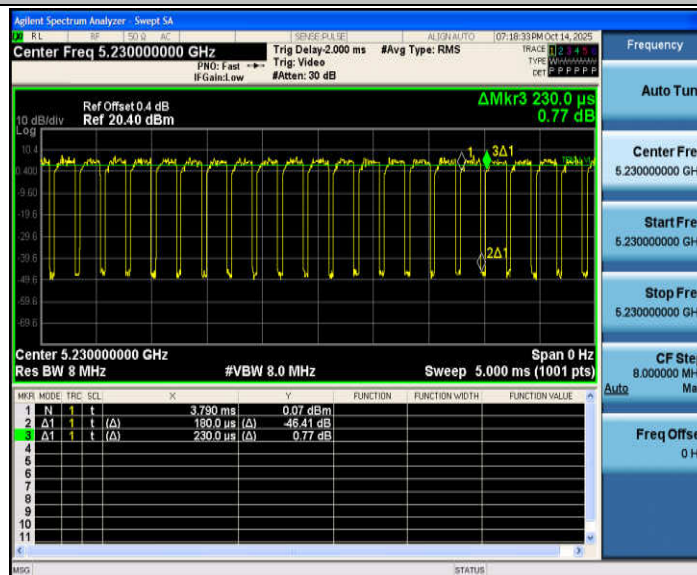
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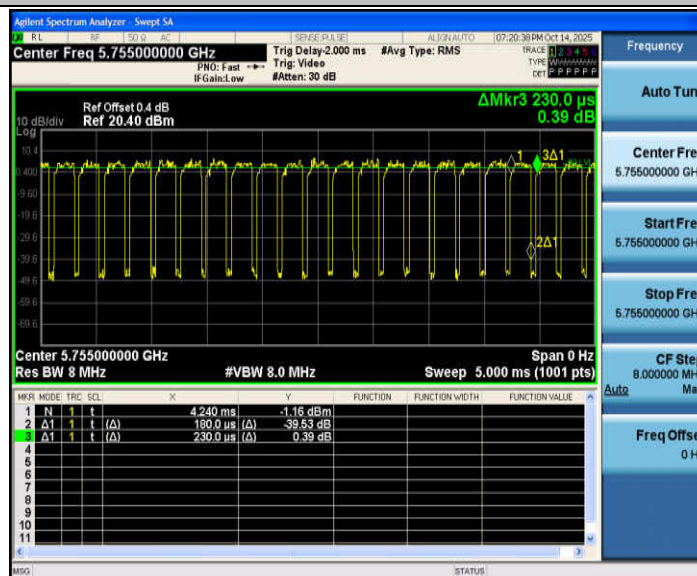
11N40SISO_Ant1_5190



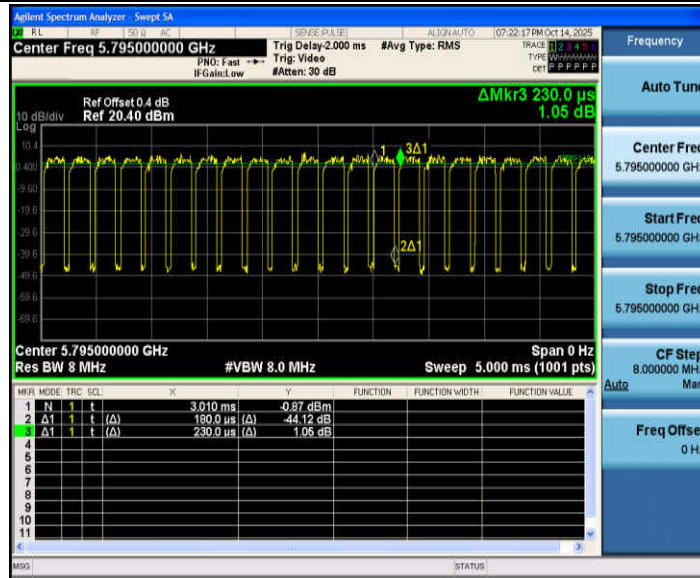
11N40SISO_Ant1_5230



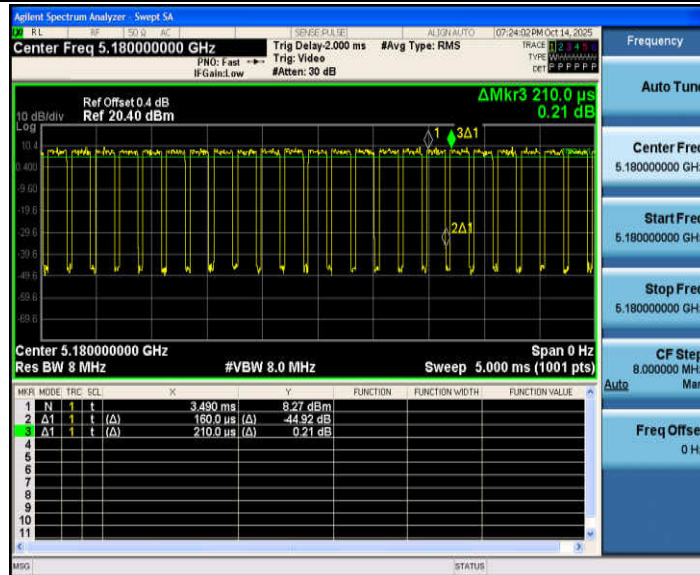
11N40SISO_Ant1_5755



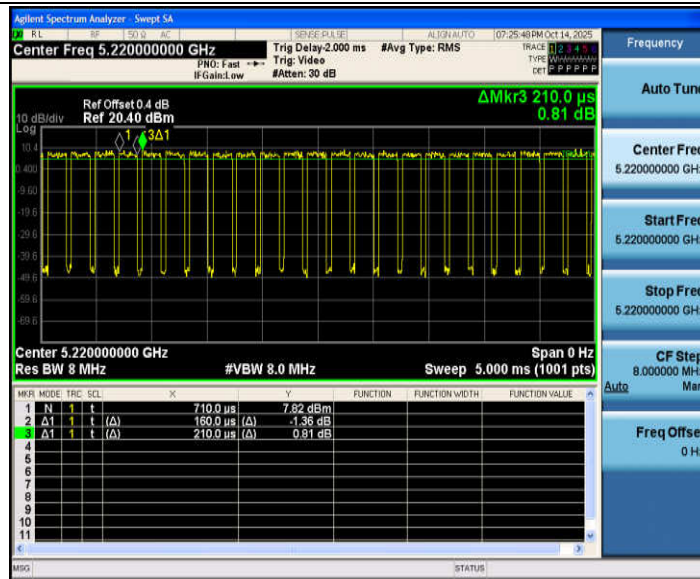
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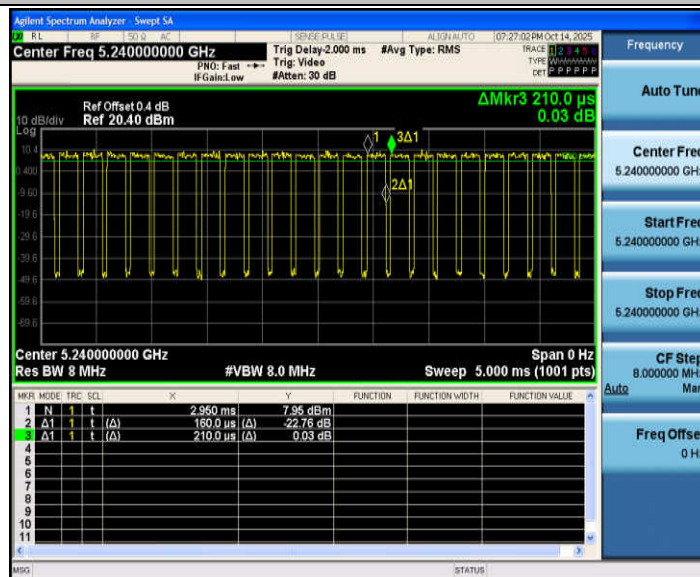
11AC20SISO_Ant1_5180



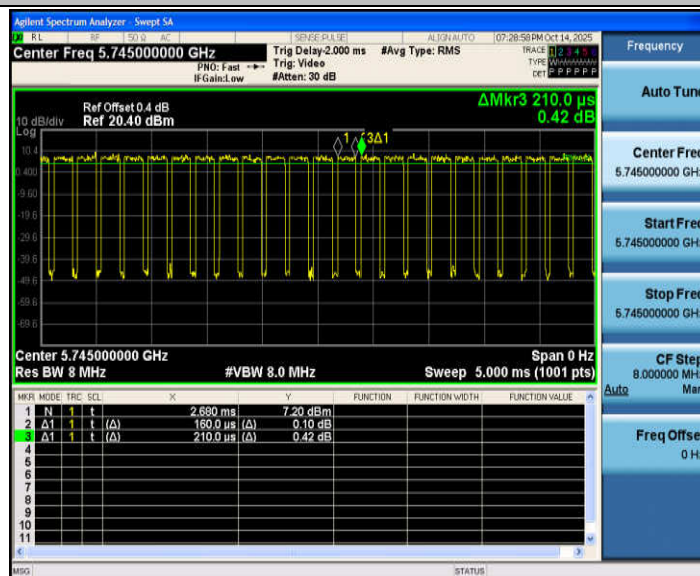
11AC20SISO_Ant1_5220



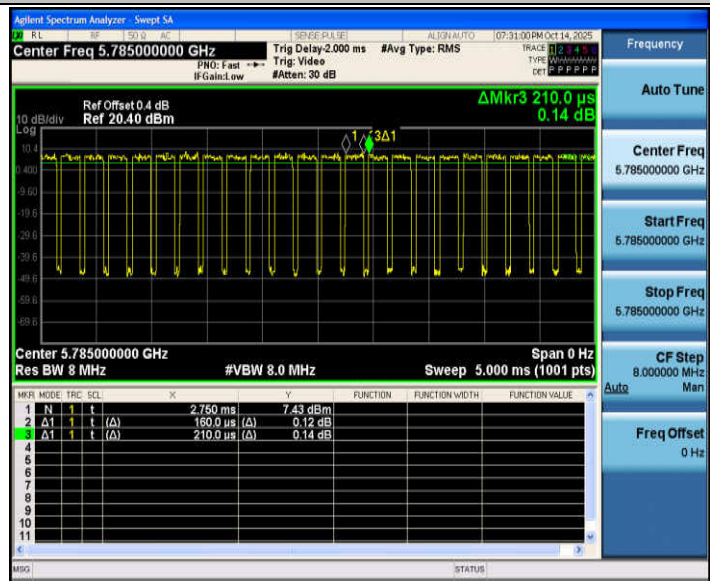
11AC20SISO_Ant1_5240



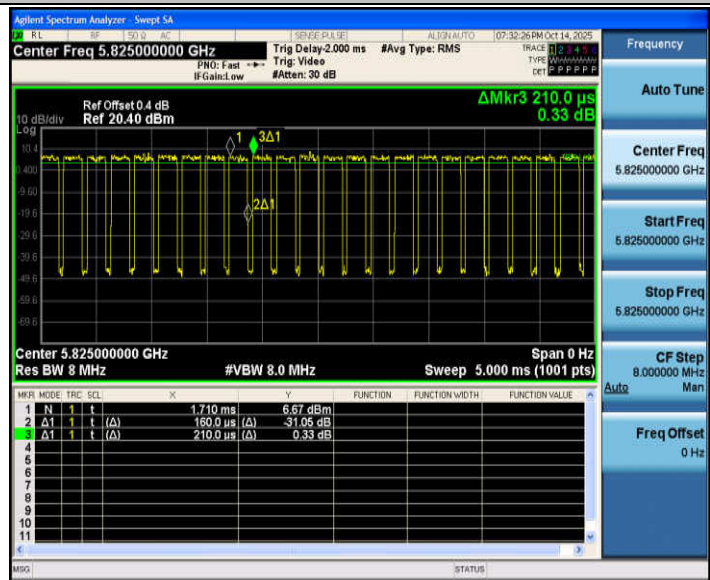
11AC20SISO_Ant1_5745



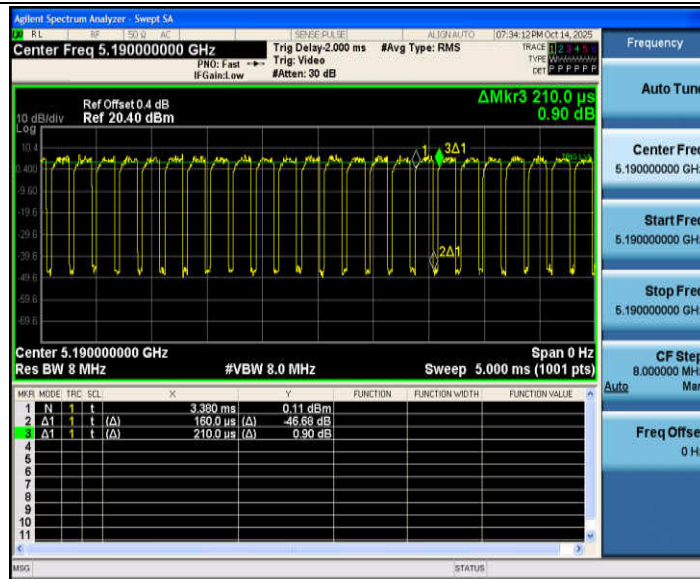
11AC20SISO_Ant1_5785



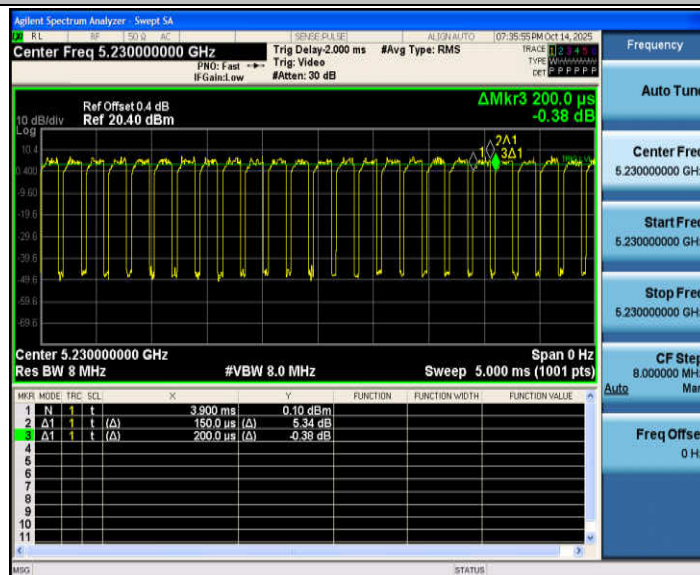
11AC20SISO_Ant1_5825



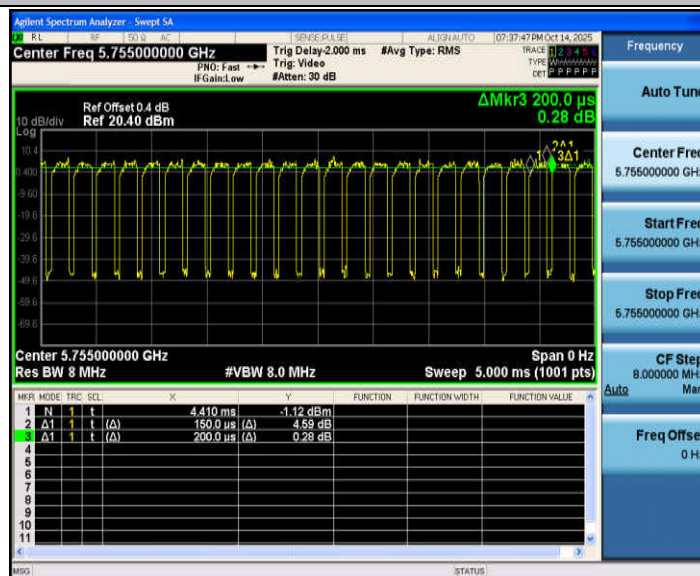
11AC40SISO_Ant1_5190



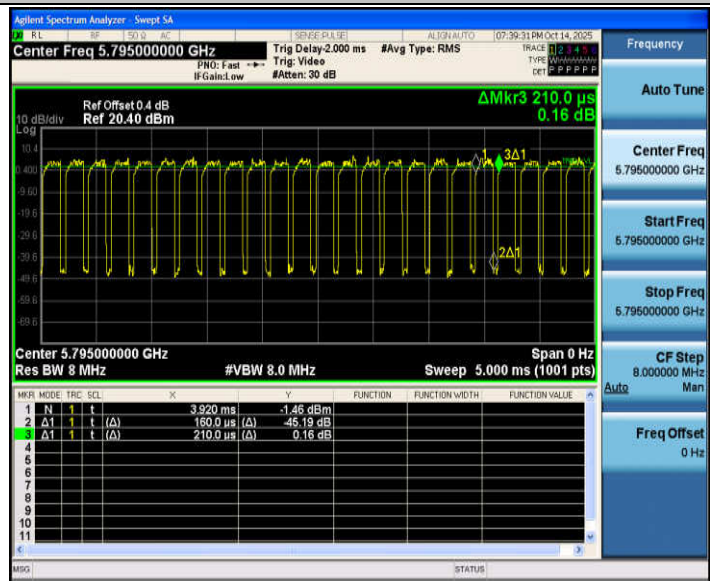
11AC40SISO_Ant1_5230



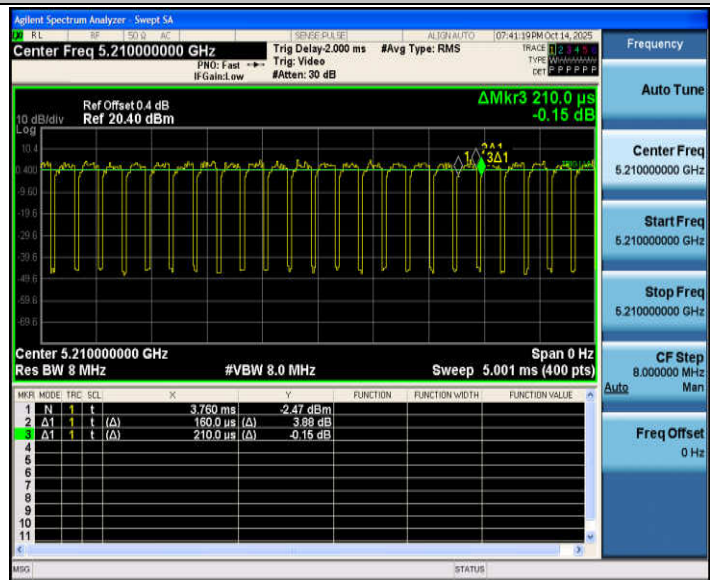
11AC40SISO_Ant1_5755



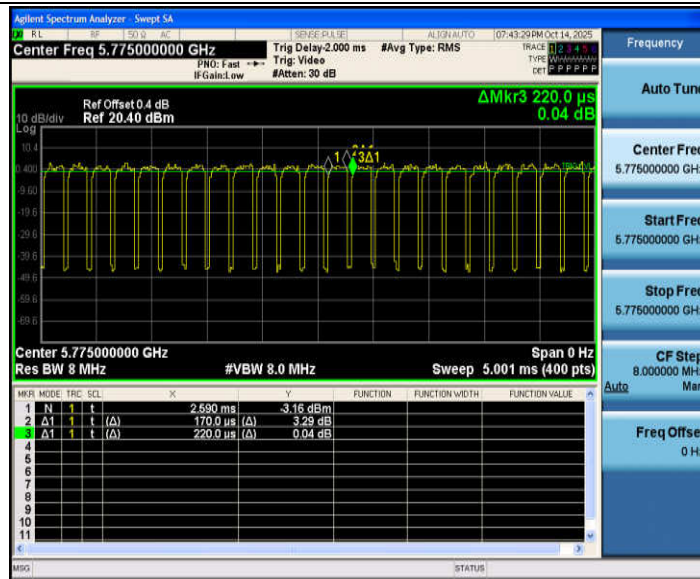
11AC40SISO_Ant1_5795



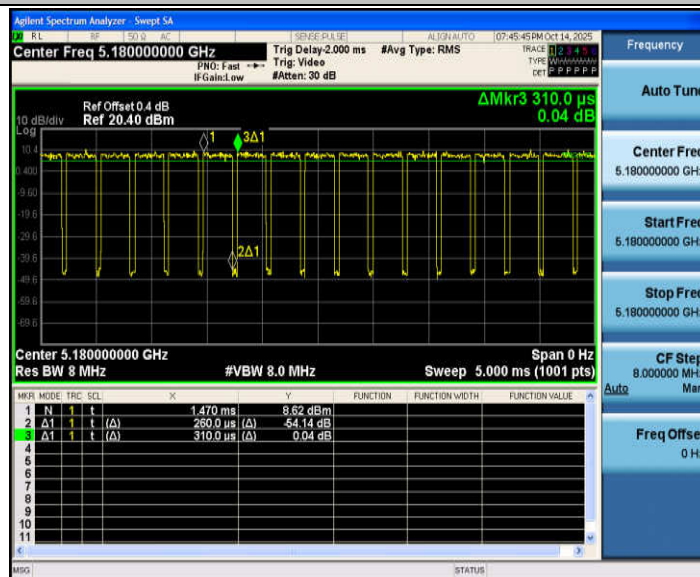
11AC80SISO_Ant1_5210



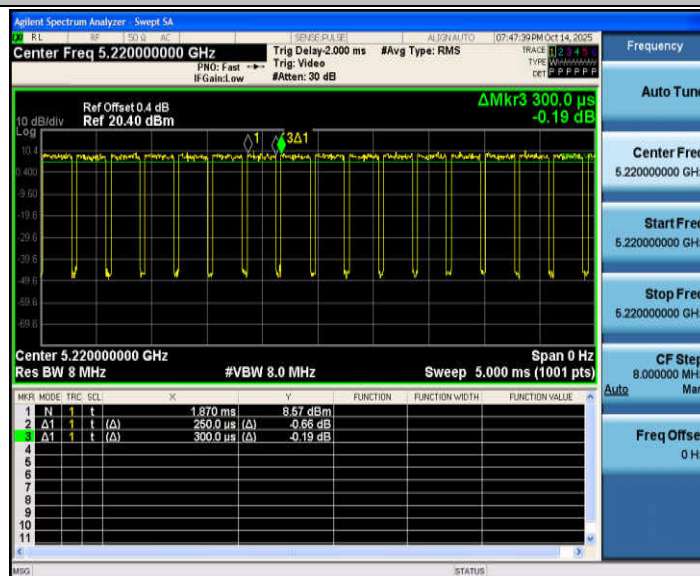
11AC80SISO_Ant1_5775



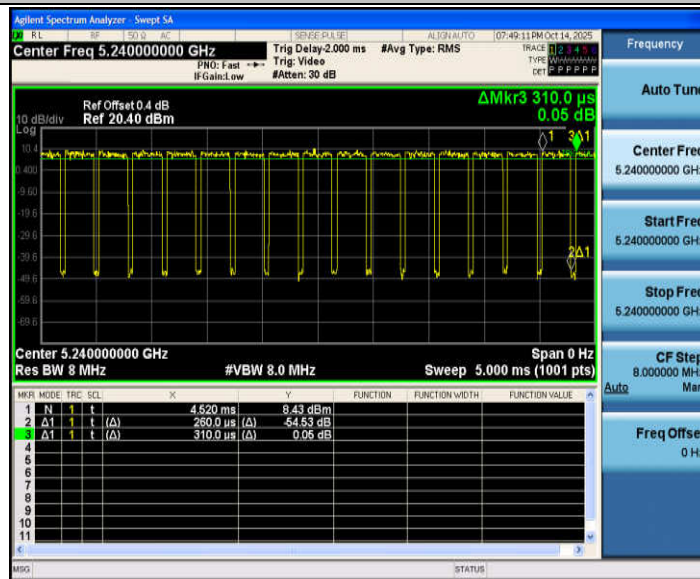
11AX20SISO_Ant1_5180



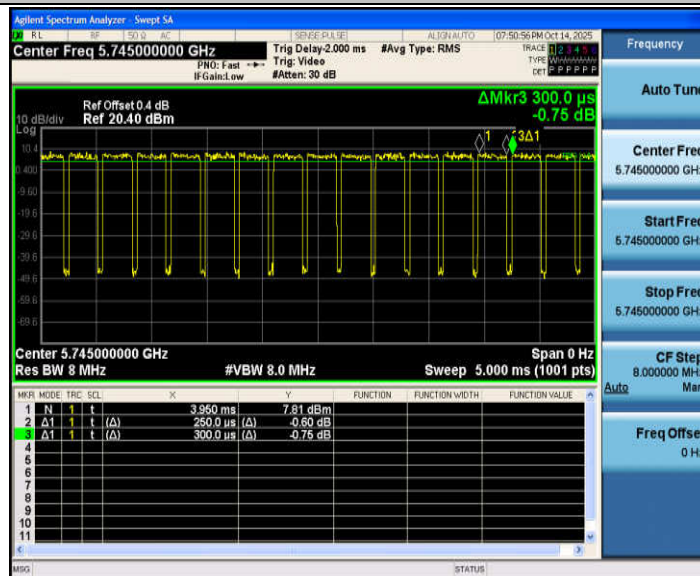
11AX20SISO_Ant1_5220



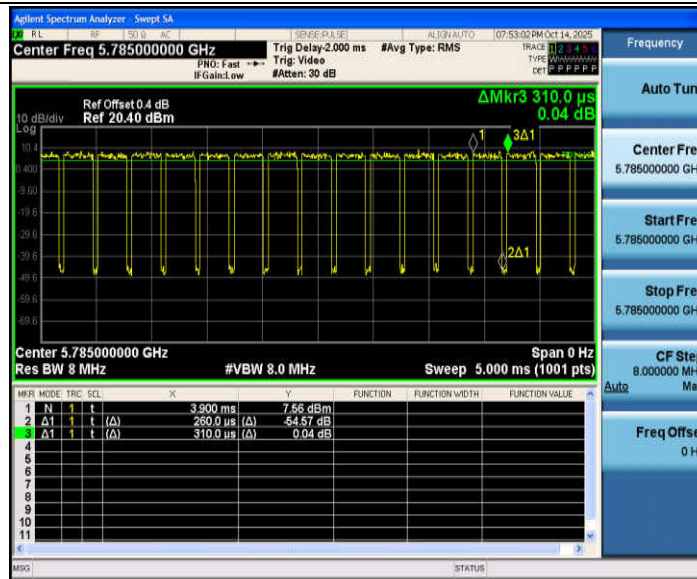
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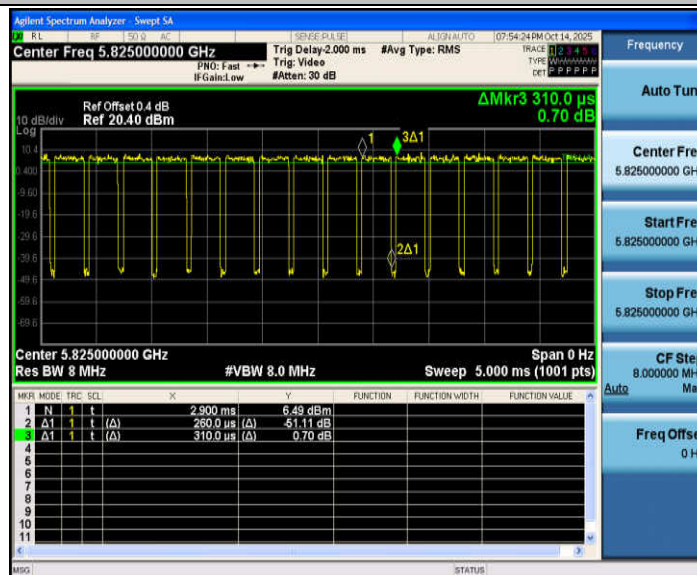
11AX20SISO_Ant1_5745



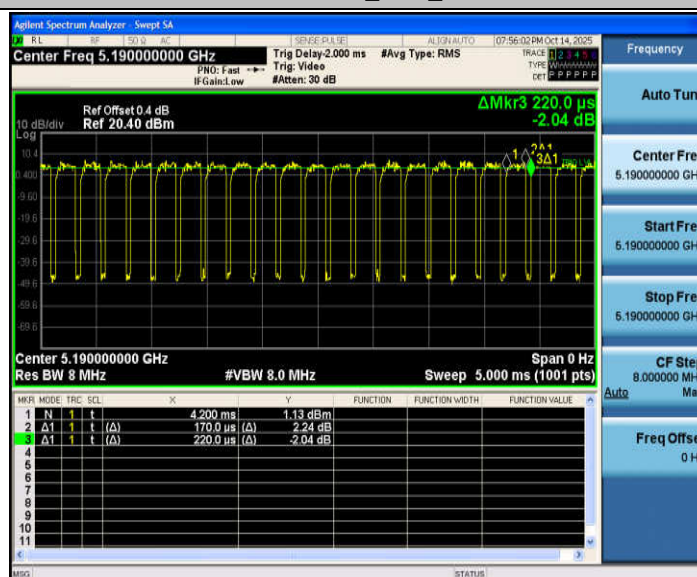
11AX20SISO_Ant1_5785



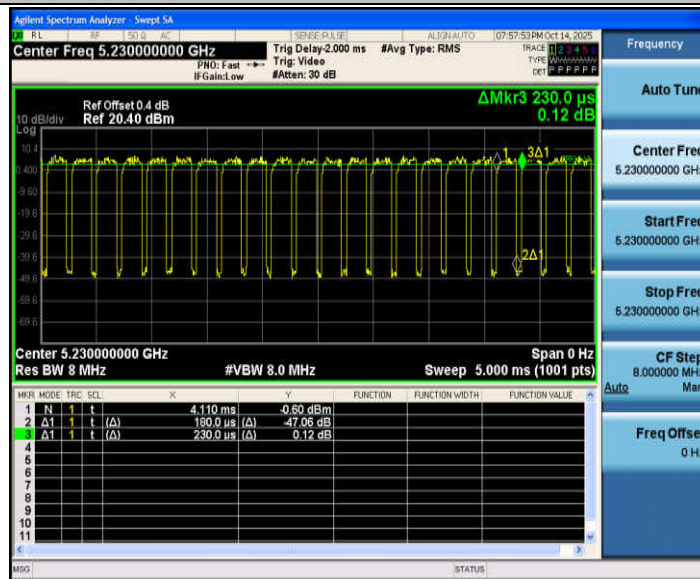
11AX20ISO_Ant1_5825



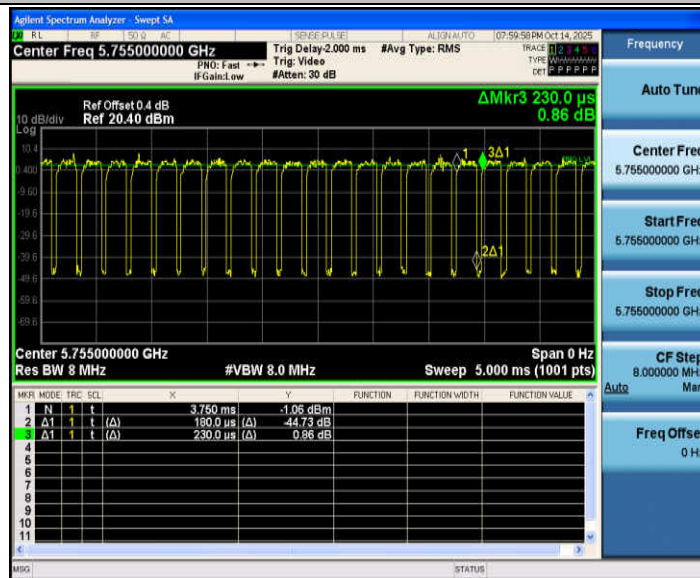
11AX40ISO_Ant1_5190



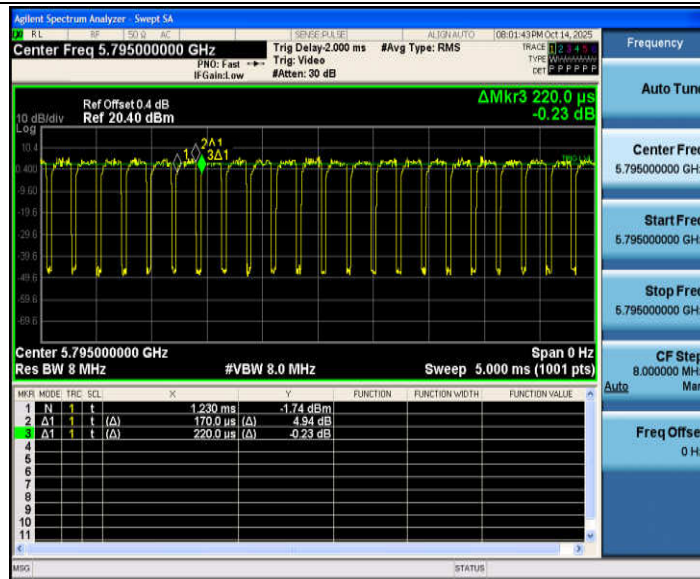
11AX40SISO_Ant1_5230



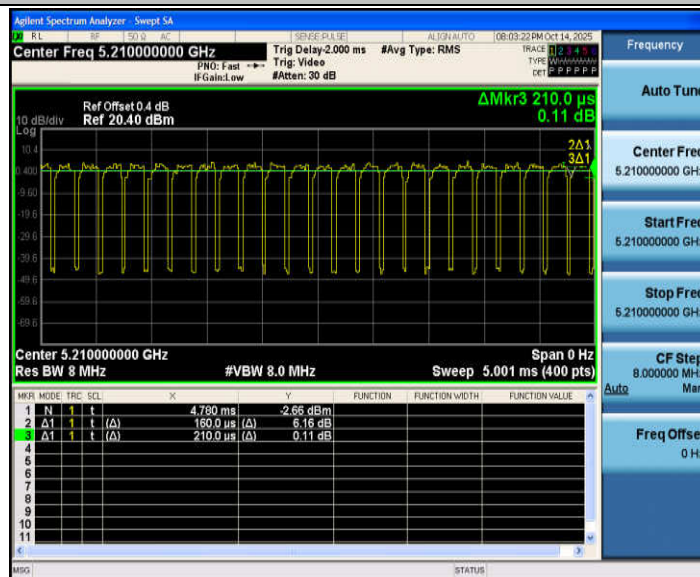
11AX40SISO_Ant1_5755



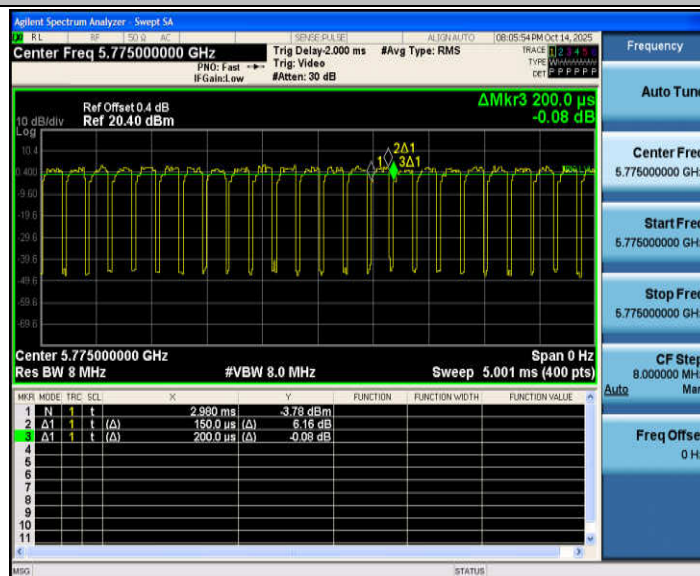
11AX40SISO_Ant1_5795



11AX80ISO_Ant1_5210



11AX80ISO_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	Ant1	5180	1.61	73.68	1.33	2.94	≤23.98	PASS
		5220	1.54	73.68	1.33	2.87	≤23.98	PASS
		5240	1.77	75	1.25	3.02	≤23.98	PASS
		5745	0.85	75	1.25	2.1	≤30.00	PASS
		5785	0.63	73.68	1.33	1.96	≤30.00	PASS
		5825	0.36	73.68	1.33	1.69	≤30.00	PASS
11N20SISO	Ant1	5180	1.84	78.26	1.06	2.9	≤23.98	PASS
		5220	1.86	78.26	1.06	2.92	≤23.98	PASS
		5240	1.98	77.27	1.12	3.1	≤23.98	PASS
		5745	1.09	77.27	1.12	2.21	≤30.00	PASS
		5785	0.79	78.26	1.06	1.85	≤30.00	PASS
		5825	0.54	78.26	1.06	1.6	≤30.00	PASS
11N40SISO	Ant1	5190	2.32	78.26	1.06	3.38	≤23.98	PASS
		5230	2.46	78.26	1.06	3.52	≤23.98	PASS
		5755	1.54	78.26	1.06	2.6	≤30.00	PASS
		5795	1.33	78.26	1.06	2.39	≤30.00	PASS
11AC20SISO	Ant1	5180	1.83	76.19	1.18	3.01	≤23.98	PASS
		5220	1.51	76.19	1.18	2.69	≤23.98	PASS
		5240	1.89	76.19	1.18	3.07	≤23.98	PASS
		5745	1.04	76.19	1.18	2.22	≤30.00	PASS
		5785	0.79	76.19	1.18	1.97	≤30.00	PASS
		5825	0.42	76.19	1.18	1.6	≤30.00	PASS
11AC40SISO	Ant1	5190	2.15	76.19	1.18	3.33	≤23.98	PASS
		5230	2.39	75	1.25	3.64	≤23.98	PASS
		5755	1.44	75	1.25	2.69	≤30.00	PASS
		5795	1.2	76.19	1.18	2.38	≤30.00	PASS
11AC80SISO	Ant1	5210	2.39	76.19	1.18	3.57	≤23.98	PASS
		5775	1.34	77.27	1.12	2.46	≤30.00	PASS
11AX20SISO	Ant1	5180	2.4	83.87	0.76	3.16	≤23.98	PASS
		5220	2.3	83.33	0.79	3.09	≤23.98	PASS
		5240	2.48	83.87	0.76	3.24	≤23.98	PASS
		5745	1.53	83.33	0.79	2.32	≤30.00	PASS
		5785	1.26	83.87	0.76	2.02	≤30.00	PASS
		5825	0.89	83.87	0.76	1.65	≤30.00	PASS
11AX40SISO	Ant1	5190	1.98	77.27	1.12	3.1	≤23.98	PASS
		5230	2.22	78.26	1.06	3.28	≤23.98	PASS

11AX80SI SO	Ant1	5755	1.26	78.26	1.06	2.32	≤30.00	PASS
		5795	1.06	77.27	1.12	2.18	≤30.00	PASS
		5210	2.1	76.19	1.18	3.28	≤23.98	PASS
		5775	1.05	75	1.25	2.3	≤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	Ant1	5180	-6.680	/	1.33	-5.35	≤11.00	PASS
		5220	-6.431	/	1.33	-5.10	≤11.00	PASS
		5240	-6.170	/	1.25	-4.92	≤11.00	PASS
		5745	-11.614	2.22	1.25	-8.14	≤30.00	PASS
		5785	-11.523	2.22	1.33	-7.97	≤30.00	PASS
		5825	-12.416	2.22	1.33	-8.87	≤30.00	PASS
11N20SISO	Ant1	5180	-6.288	/	1.06	-5.23	≤11.00	PASS
		5220	-6.318	/	1.06	-5.26	≤11.00	PASS
		5240	-6.214	/	1.12	-5.09	≤11.00	PASS
		5745	-11.091	2.22	1.12	-7.75	≤30.00	PASS
		5785	-12.312	2.22	1.06	-9.03	≤30.00	PASS
		5825	-12.222	2.22	1.06	-8.94	≤30.00	PASS
11N40SISO	Ant1	5190	-9.163	/	1.06	-8.10	≤11.00	PASS
		5230	-9.109	/	1.06	-8.05	≤11.00	PASS
		5755	-14.879	2.22	1.06	-11.60	≤30.00	PASS
		5795	-14.783	2.22	1.06	-11.50	≤30.00	PASS
11AC20SISO	Ant1	5180	-6.580	/	1.18	-5.40	≤11.00	PASS

		5220	-6.951	/	1.18	-5.77	≤11.00	PASS
		5240	-5.982	/	1.18	-4.80	≤11.00	PASS
		5745	-12.013	2.22	1.18	-8.61	≤30.00	PASS
		5785	-11.608	2.22	1.18	-8.21	≤30.00	PASS
		5825	-12.447	2.22	1.18	-9.05	≤30.00	PASS
11AC40SISO	Ant1	5190	-9.497	/	1.18	-8.32	≤11.00	PASS
		5230	-9.138	/	1.25	-7.89	≤11.00	PASS
		5755	-14.601	2.22	1.25	-11.13	≤30.00	PASS
		5795	-14.733	2.22	1.18	-11.33	≤30.00	PASS
11AC80SISO	Ant1	5210	-12.389	/	1.18	-11.21	≤11.00	PASS
		5775	-17.950	2.22	1.12	-14.61	≤30.00	PASS
11AX20SISO	Ant1	5180	-5.785	/	0.76	-5.03	≤11.00	PASS
		5220	-6.306	/	0.79	-5.52	≤11.00	PASS
		5240	-5.831	/	0.76	-5.07	≤11.00	PASS
		5745	-11.263	2.22	0.79	-8.25	≤30.00	PASS
		5785	-11.750	2.22	0.76	-8.77	≤30.00	PASS
		5825	-11.986	2.22	0.76	-9.01	≤30.00	PASS
11AX40SISO	Ant1	5190	-9.569	/	1.12	-8.45	≤11.00	PASS
		5230	-9.441	/	1.06	-8.38	≤11.00	PASS
		5755	-15.218	2.22	1.06	-11.94	≤30.00	PASS
		5795	-15.297	2.22	1.12	-11.96	≤30.00	PASS
11AX80SISO	Ant1	5210	-12.547	/	1.18	-11.37	≤11.00	PASS
		5775	-18.116	2.22	1.25	-14.65	≤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



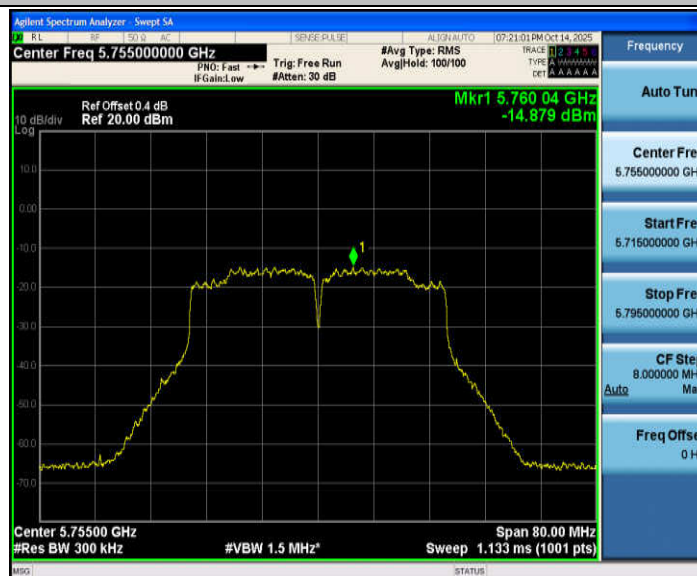
11N40SISO_Ant1_5190



11N40SISO_Ant1_5230



11N40SISO_Ant1_5755



11N40SISO_Ant1_5795



11AC20SISO_Ant1_5180



11AC20SISO_Ant1_5220



11AC20SISO_Ant1_5240



11AC20SISO_Ant1_5745



11AC20SISO_Ant1_5785



11AC20SISO_Ant1_5825



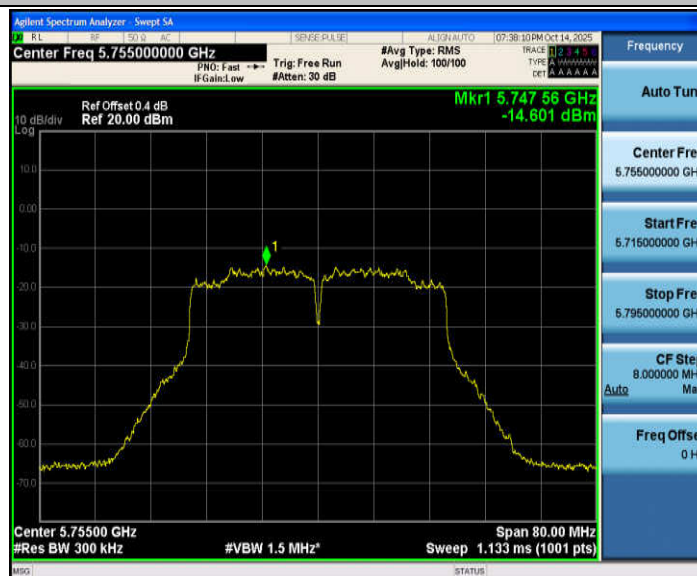
11AC40SISO_Ant1_5190



11AC40SISO_Ant1_5230



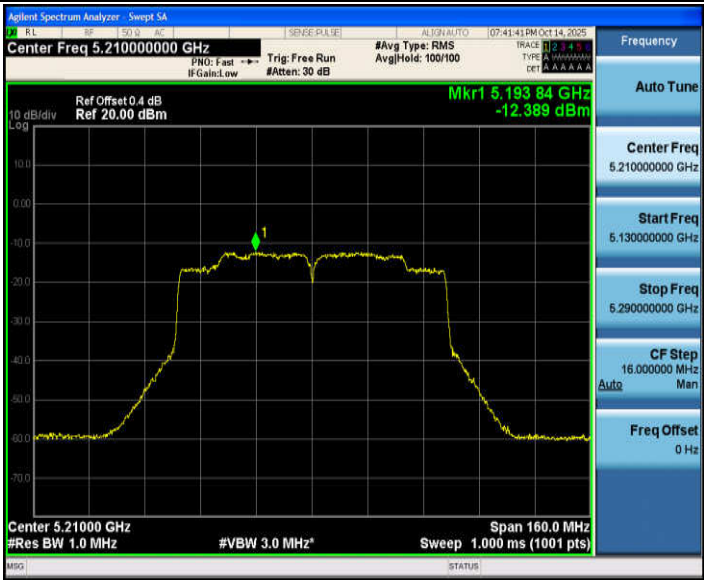
11AC40SISO_Ant1_5755



11AC40SISO_Ant1_5795



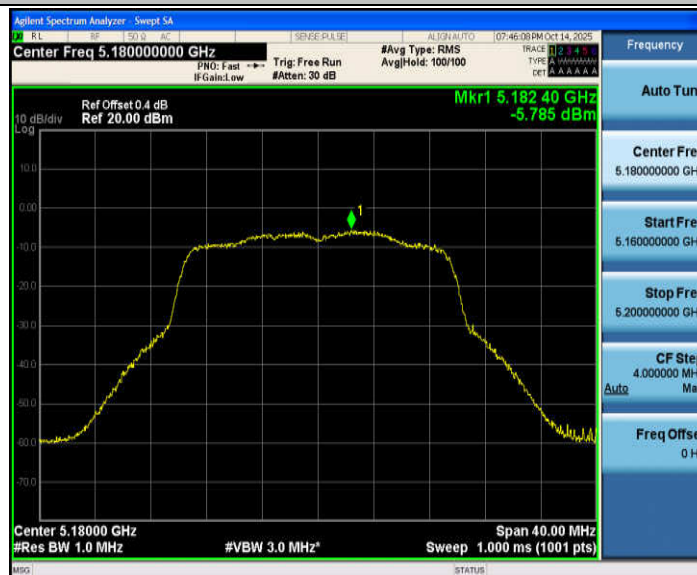
11AC80SISO_Ant1_5210



11AC80SISO_Ant1_5775



11AX20SISO_Ant1_5180



11AX20SISO_Ant1_5220



11AX20SISO_Ant1_5240



11AX20SISO_Ant1_5745



11AX20SISO_Ant1_5785



11AX20SISO_Ant1_5825



11AX40SISO_Ant1_5190



11AX40SISO_Ant1_5230



11AX40SISO_Ant1_5755



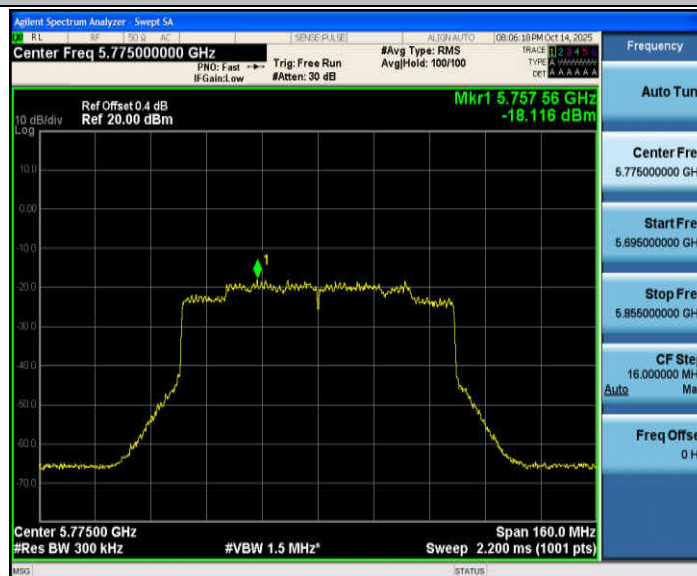
11AX40SISO_Ant1_5795



11AX80SISO_Ant1_5210



11AX80SISO_Ant1_5775



Appendix E: Band edge measurements

Test Result B1

TestMode	Antenna	ChName	Freq(MHz)	Result[dBm]	Limit[dBm]	Verdict
11A	Ant1	Low	5180	-48.86	≤-27	PASS
		High	5240	-49.36	≤-27	PASS
11N20SISO	Ant1	Low	5180	-48.13	≤-27	PASS
		High	5240	-49.89	≤-27	PASS
11N40SISO	Ant1	Low	5190	-48.84	≤-27	PASS
		High	5230	-50.16	≤-27	PASS
11AC20SISO	Ant1	Low	5180	-48.6	≤-27	PASS
		High	5240	-49.69	≤-27	PASS
11AC40SISO	Ant1	Low	5190	-48.54	≤-27	PASS
		High	5230	-49.57	≤-27	PASS
11AC80SISO	Ant1	Low	5210	-47.14	≤-27	PASS
		High	5210	-49.45	≤-27	PASS
11AX20SISO	Ant1	Low	5180	-48.85	≤-27	PASS
		High	5240	-49.83	≤-27	PASS
11AX40SISO	Ant1	Low	5190	-48.84	≤-27	PASS
		High	5230	-49.93	≤-27	PASS
11AX80SISO	Ant1	Low	5210	-47.45	≤-27	PASS
		High	5210	-49.36	≤-27	PASS

Test Result B4

TestMode	Antenna	ChName	Freq(MHz)	FreqRange [MHz]	Result [dBm]	Limit [dBm]	Verdict
11A	Ant1	Low	5745	5650~5700	-52.35	≤-26.87	PASS
				5700~5720	-51.53	≤10.06	PASS
				5720~5725	-49.48	≤16.87	PASS
				5760~5650	-51.55	≤-27	PASS
		High	5825	5850~5855	-43.25	≤16.34	PASS
				5855~5875	-44.28	≤13.54	PASS
				5875~5925	-50.85	≤-26.71	PASS
				5925~5935	-49.44	≤-27	PASS
11N20SISO	Ant1	Low	5745	5650~5700	-51.55	≤-26.70	PASS
				5700~5720	-51.06	≤10.09	PASS
				5720~5725	-49.92	≤16.34	PASS
				5760~5650	-51.02	≤-27	PASS
		High	5825	5850~5855	-44.6	≤15.73	PASS
				5855~5875	-44.84	≤13.61	PASS
				5875~5925	-50.67	≤-26.91	PASS

				5925~5935	-49.63	≤-27	PASS
11N40SI SO	Ant1	Low	5755	5650~5700	-51.64	≤-26.80	PASS
				5700~5720	-51.1	≤10.32	PASS
				5720~5725	-47.87	≤16.04	PASS
				5780~5650	-51.33	≤-27	PASS
		High	5795	5850~5855	-51.42	≤15.66	PASS
				5855~5875	-50.15	≤10.20	PASS
				5875~5925	-50.65	≤-26.83	PASS
				5925~5935	-50.02	≤-27	PASS
11AC20S ISO	Ant1	Low	5745	5650~5700	-51.69	≤-26.45	PASS
				5700~5720	-50.99	≤10.02	PASS
				5720~5725	-48.81	≤17.39	PASS
				5760~5650	-50.12	≤-27	PASS
		High	5825	5850~5855	-44.02	≤16.03	PASS
				5855~5875	-47.41	≤10.66	PASS
				5875~5925	-49.96	≤-26.21	PASS
				5925~5935	-49.78	≤-27	PASS
11AC40S ISO	Ant1	Low	5755	5650~5700	-51.43	≤-26.70	PASS
				5700~5720	-51.71	≤10.25	PASS
				5720~5725	-47.55	≤16.04	PASS
				5780~5650	-50.74	≤-27	PASS
		High	5795	5850~5855	-51.09	≤15.66	PASS
				5855~5875	-50.12	≤10.16	PASS
				5875~5925	-50.58	≤-26.95	PASS
				5925~5935	-48.75	≤-27	PASS
11AC80S ISO	Ant1	Low	5775	5650~5700	-51.88	≤-26.69	PASS
				5700~5720	-48.37	≤10.96	PASS
				5720~5725	-47.13	≤15.65	PASS
				5800~5650	-50.37	≤-27	PASS
		High	5775	5850~5855	-51.09	≤16.26	PASS
				5855~5875	-49.39	≤10.09	PASS
				5875~5925	-49.37	≤-25.78	PASS
				5925~5935	-49.51	≤-27	PASS
11AX20S ISO	Ant1	Low	5745	5650~5700	-51.59	≤-26.36	PASS
				5700~5720	-51.57	≤10.18	PASS
				5720~5725	-50.5	≤16.08	PASS
				5760~5650	-50.49	≤-27	PASS
		High	5825	5850~5855	-44.51	≤15.73	PASS
				5855~5875	-45.29	≤11.23	PASS
				5875~5925	-49.69	≤-26.41	PASS
				5925~5935	-49.53	≤-27	PASS
11AX40S ISO	Ant1	Low	5755	5650~5700	-51.88	≤-26.90	PASS
				5700~5720	-51.45	≤10.48	PASS

				5720~5725	-47.83	≤ 16.97	PASS
				5780~5650	-51.34	≤ -27	PASS
		High	5795	5850~5855	-50.41	≤ 16.03	PASS
				5855~5875	-50.1	≤ 10.06	PASS
				5875~5925	-50.76	≤ -26.95	PASS
				5925~5935	-49.99	≤ -27	PASS
11AX80S ISO	Ant1	Low	5775	5650~5700	-51.77	≤ -26.57	PASS
				5700~5720	-48.06	≤ 10.31	PASS
				5720~5725	-45.89	≤ 17.41	PASS
				5800~5650	-50.91	≤ -27	PASS
		High	5775	5850~5855	-50.42	≤ 16.68	PASS
				5855~5875	-49.8	≤ 10.55	PASS
				5875~5925	-50.07	≤ -26.73	PASS
				5925~5935	-48.95	≤ -27	PASS