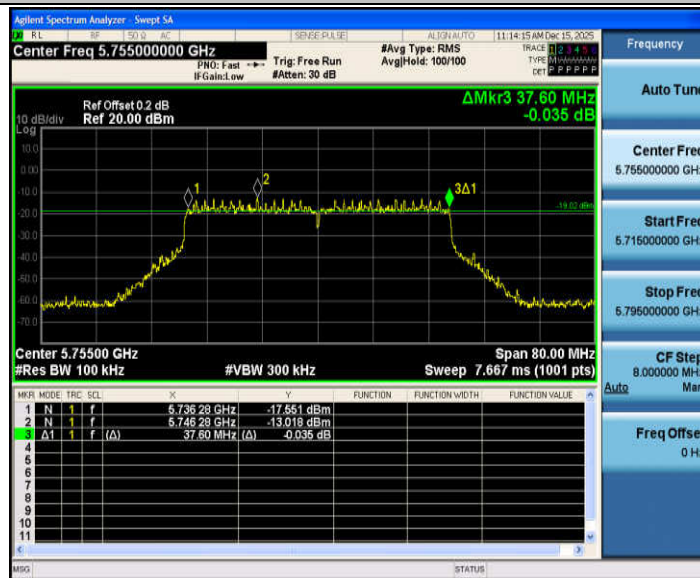


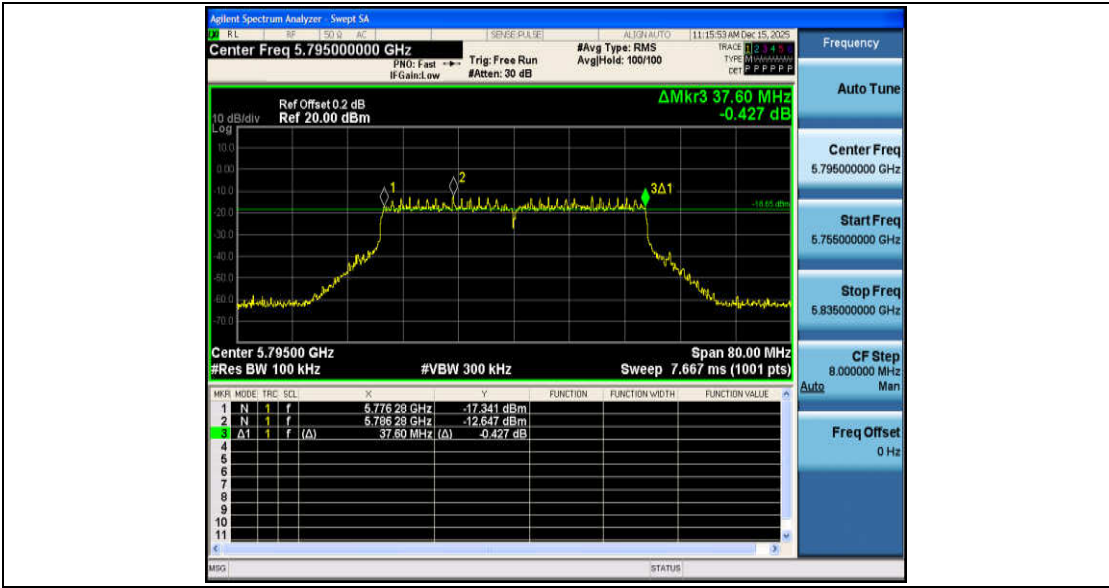
11AX20SISO_Ant1_5825



11AX40SISO_Ant1_5755



11AX40SISO_Ant1_5795



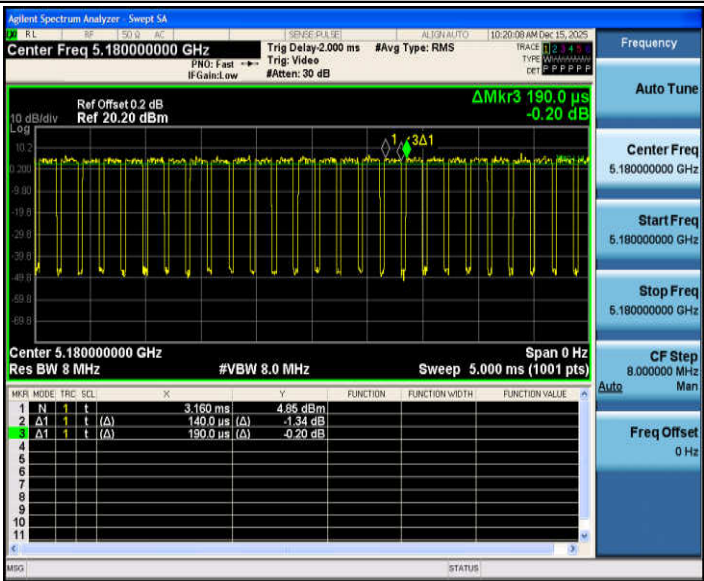
Appendix B: Duty Cycle

Test Result

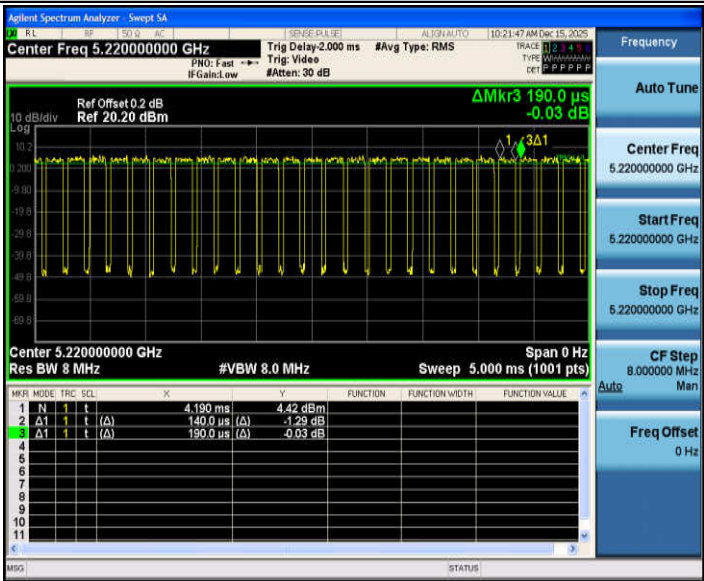
TestMode	Antenna	Freq(MHz)	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	Duty factor(dB)	Limit	Verdict
11A	Ant1	5180	0.14	0.19	73.68	1.33	---	---
		5220	0.14	0.19	73.68	1.33	---	---
		5240	0.15	0.20	75.00	1.25	---	---
		5745	0.15	0.20	75.00	1.25	---	---
		5785	0.15	0.20	75.00	1.25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

Test Graphs

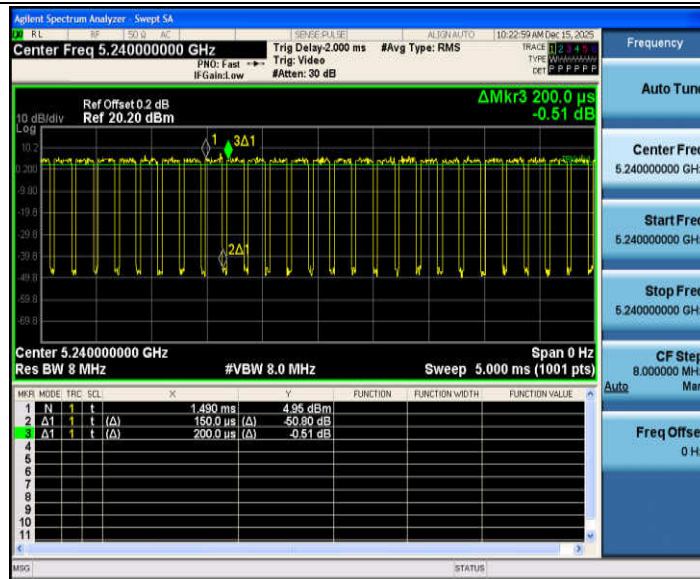
11A_Ant1_5180



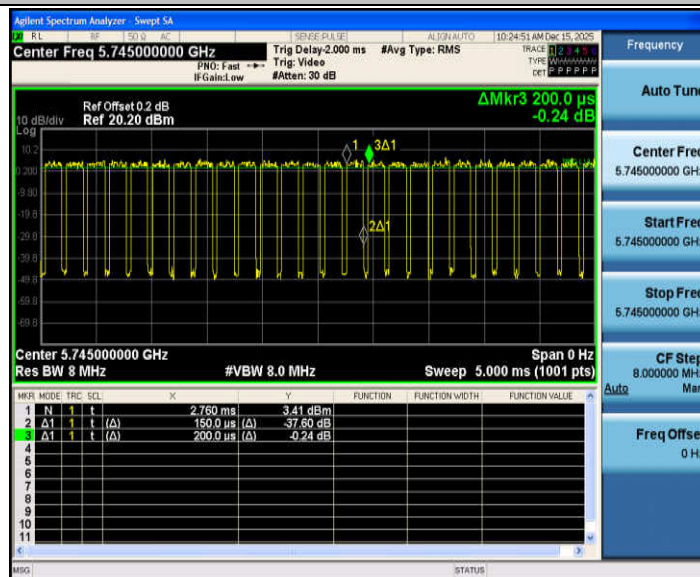
11A_Ant1_5220



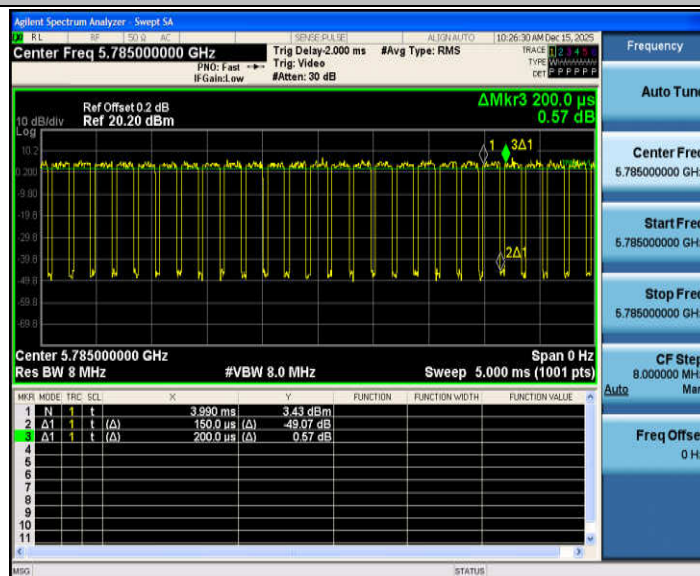
11A_Ant1_5240



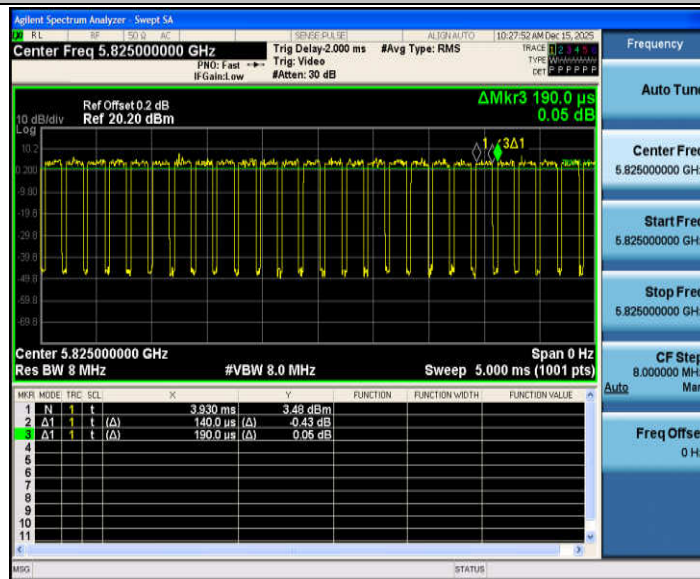
11A_Ant1_5745



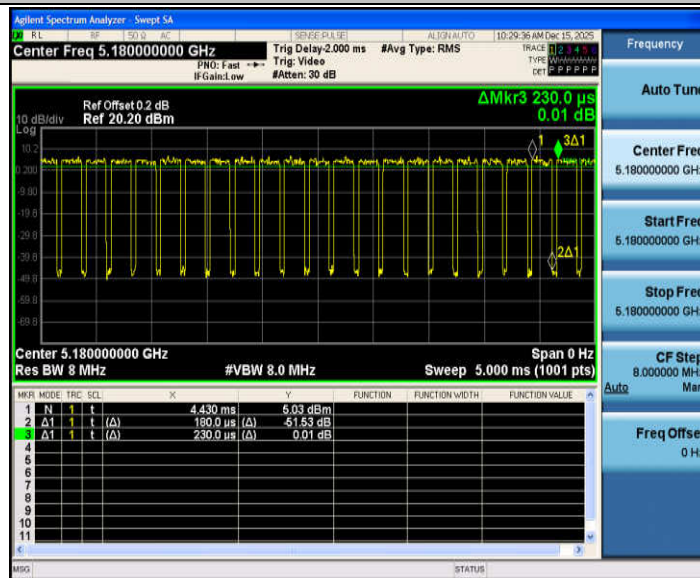
11A_Ant1_5785



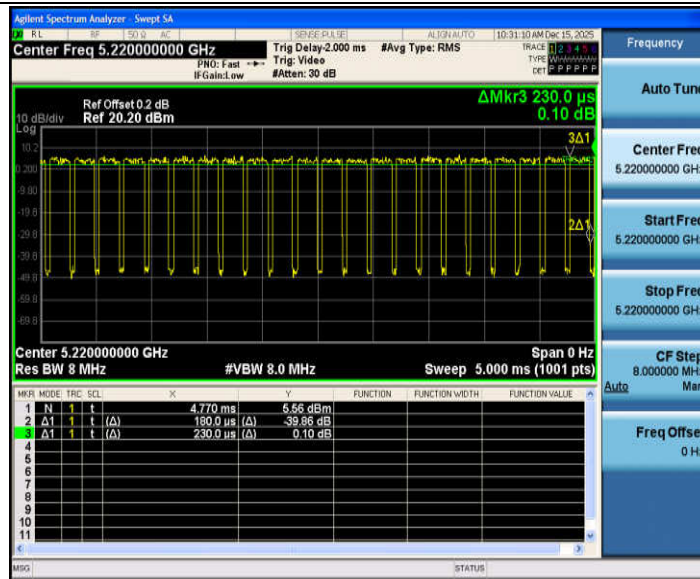
11A_Ant1_5825



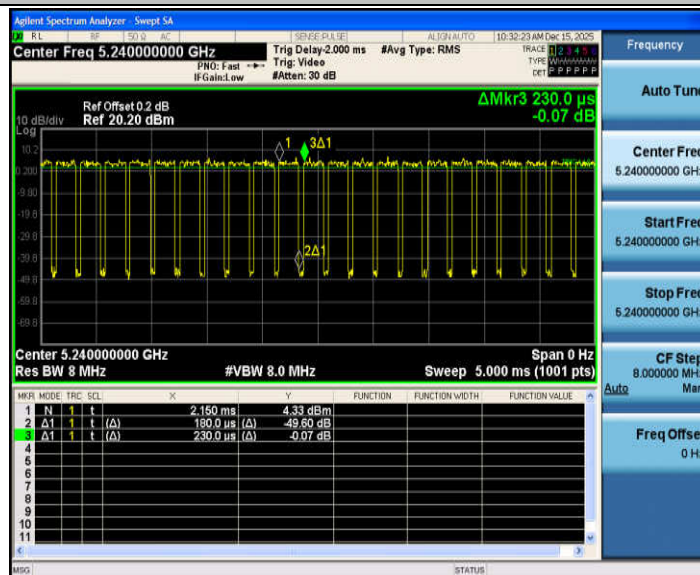
11N20SISO_Ant1_5180



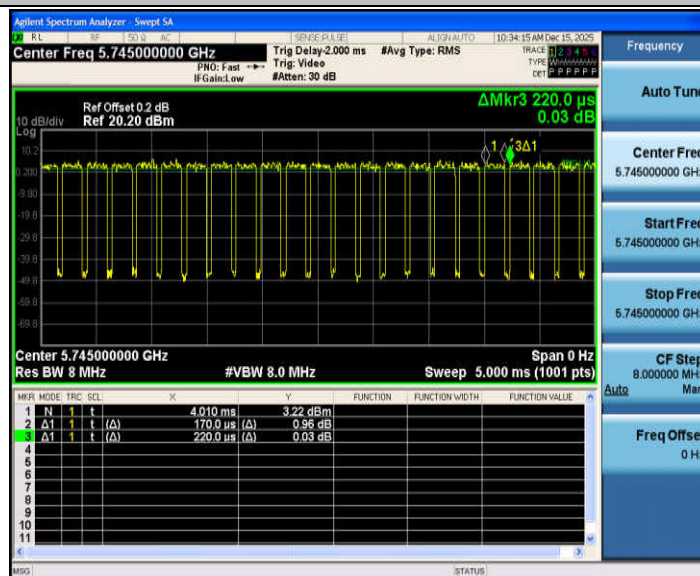
11N20SISO_Ant1_5220



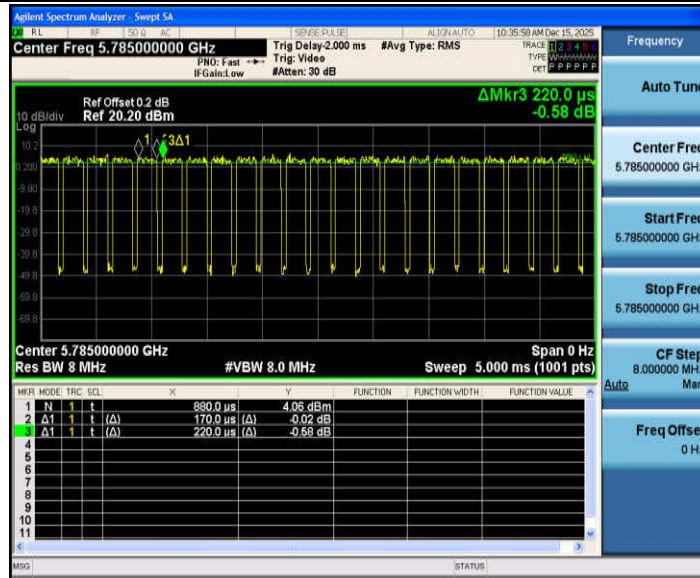
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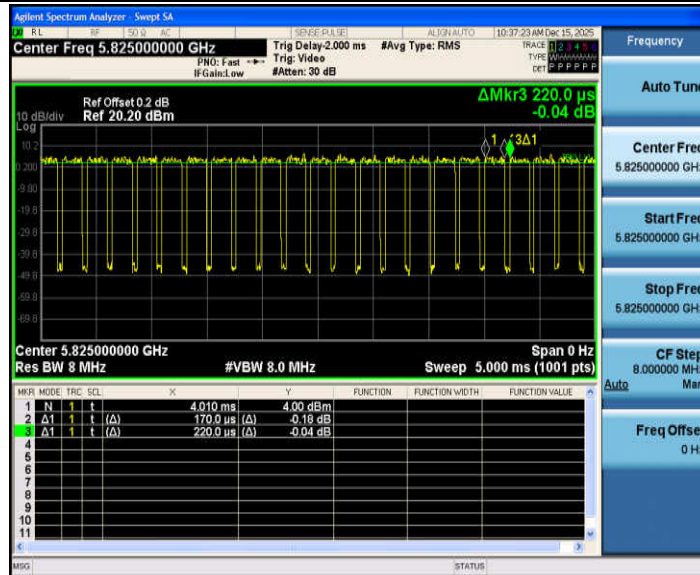
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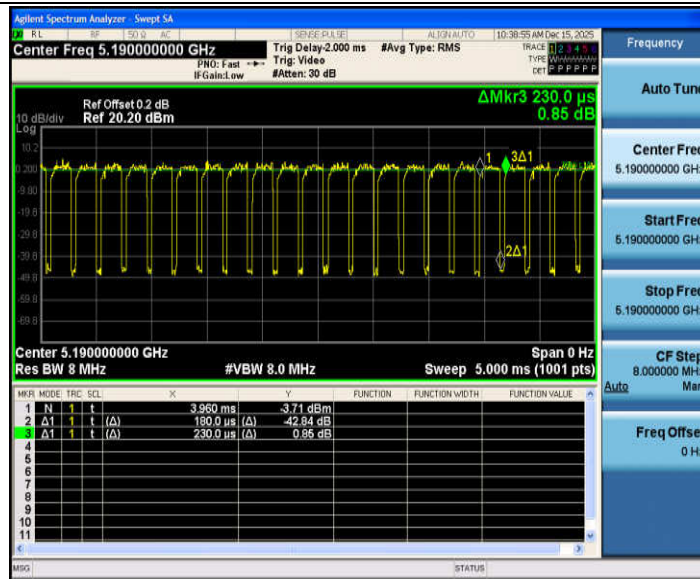
11N20SISO_Ant1_5785



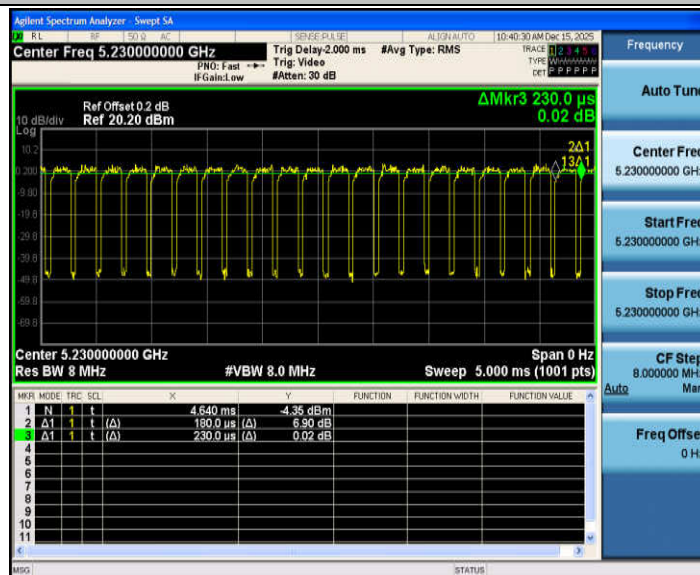
11N20SISO_Ant1_5825



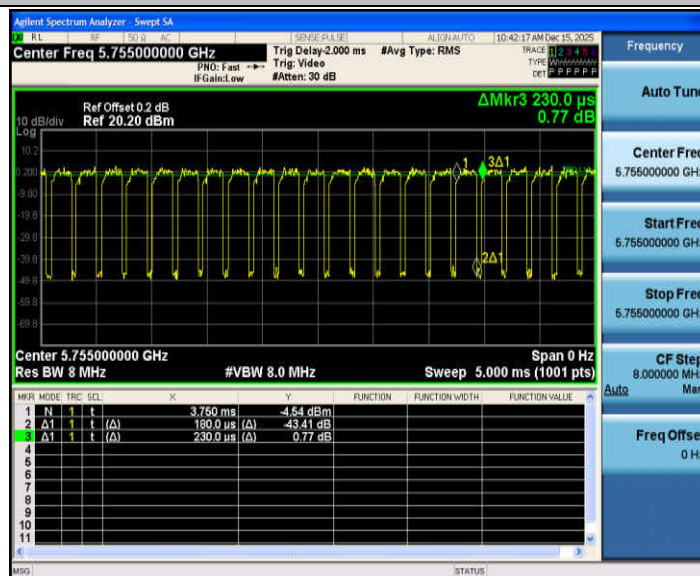
11N40SISO_Ant1_5190



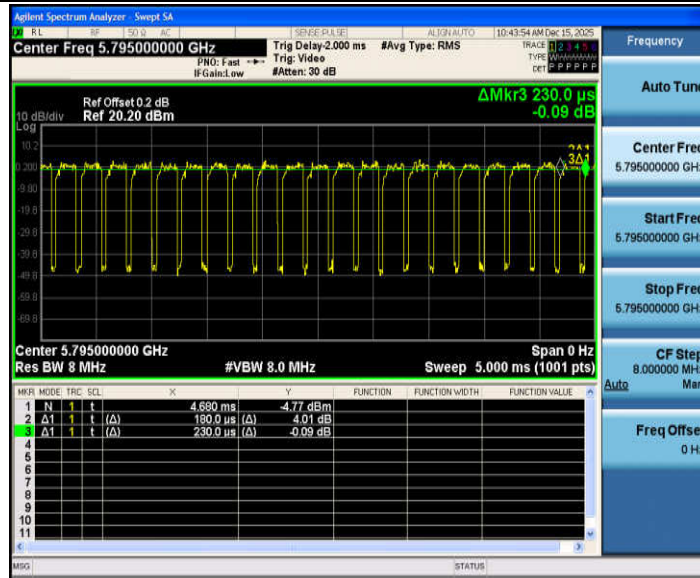
11N40SISO_Ant1_5230



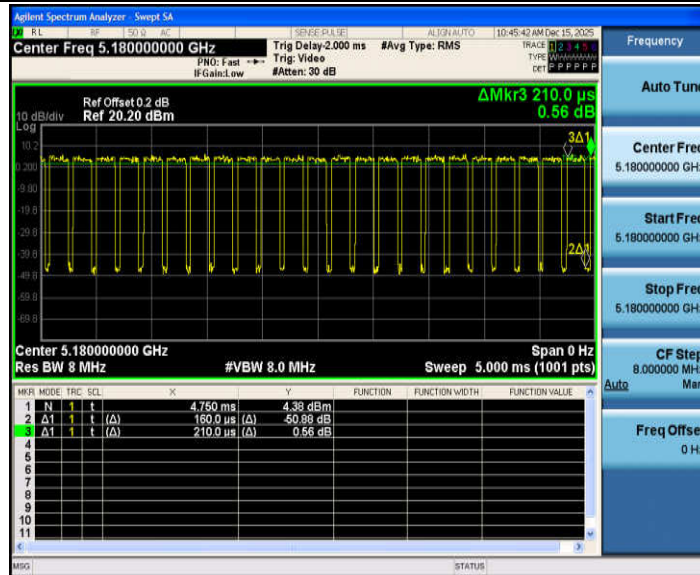
11N40SISO_Ant1_5755



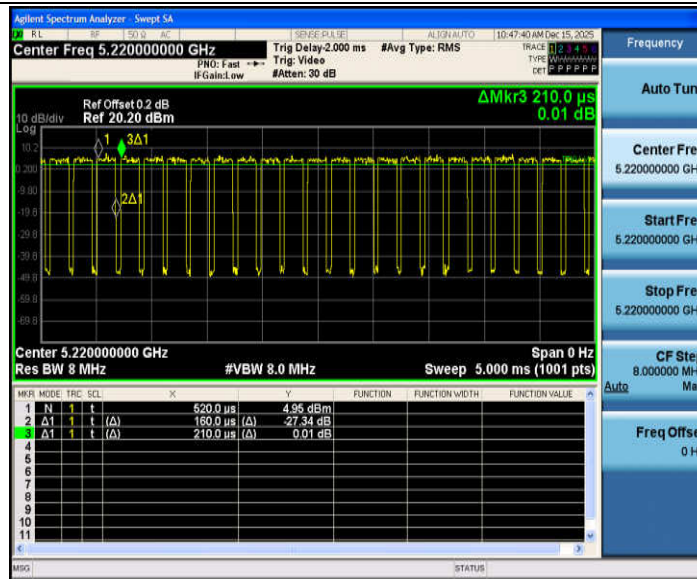
11N40SISO_Ant1_5795



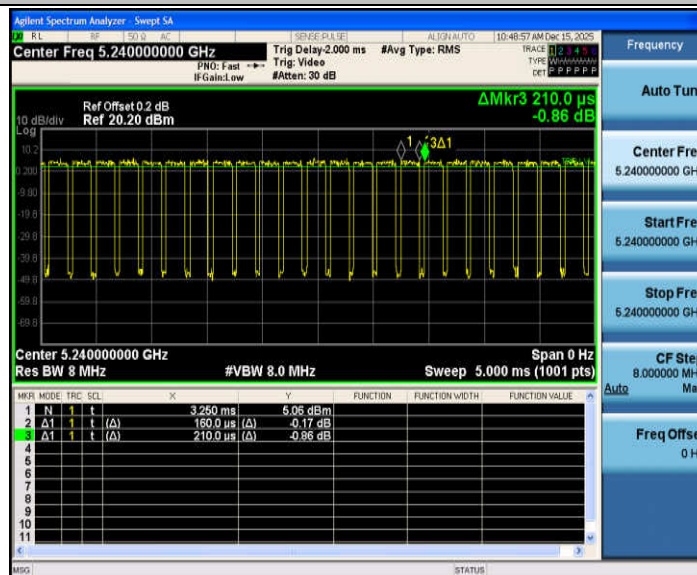
11AC20SISO_Ant1_5180



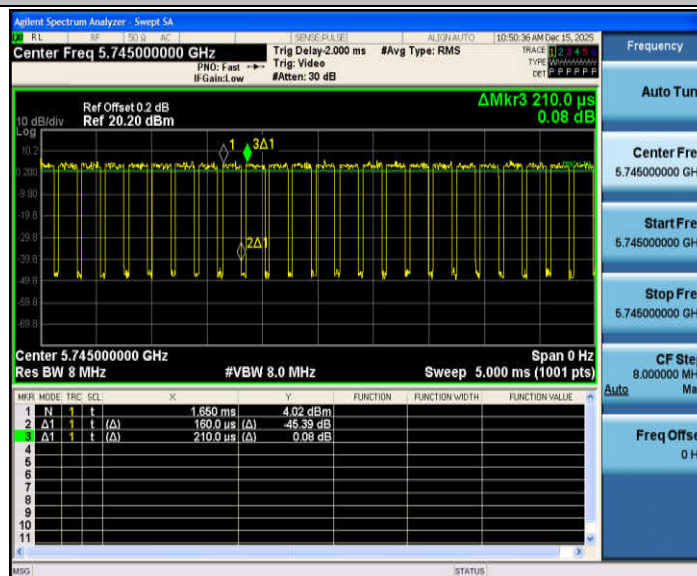
11AC20SISO_Ant1_5220



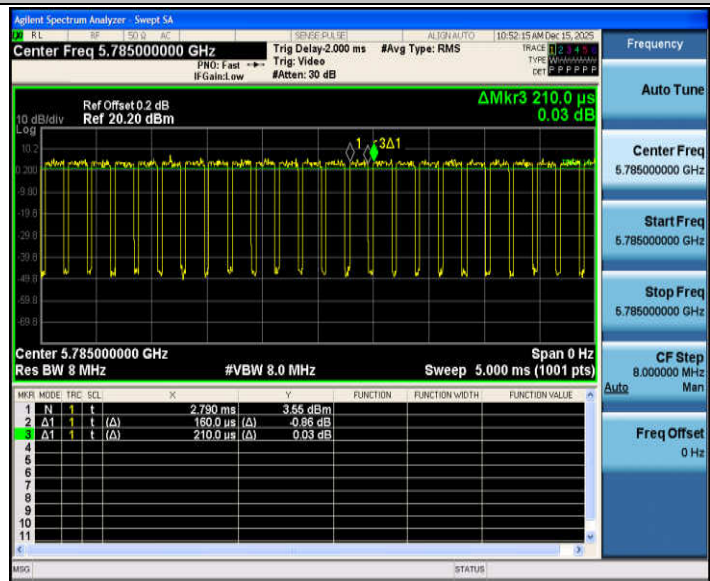
11AC20SISO_Ant1_5240



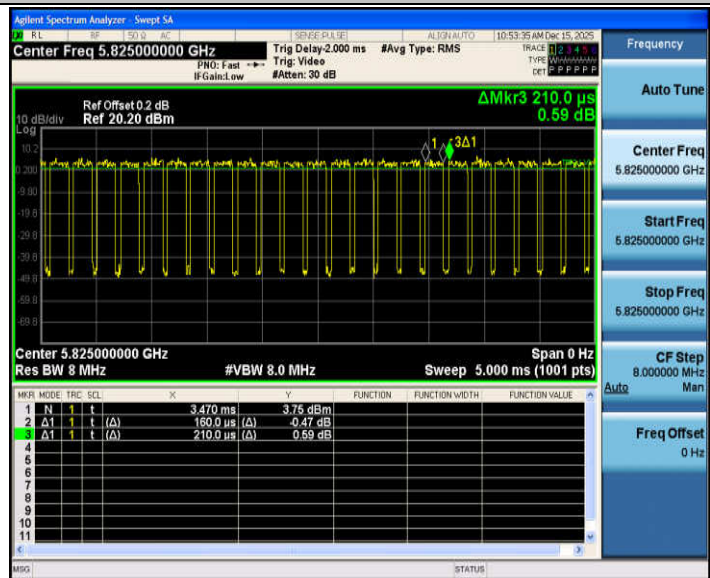
11AC20SISO_Ant1_5745



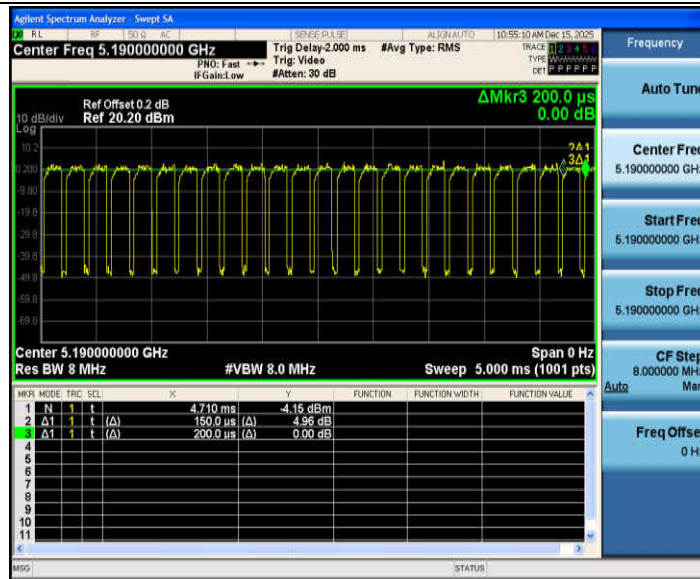
11AC20SISO_Ant1_5785



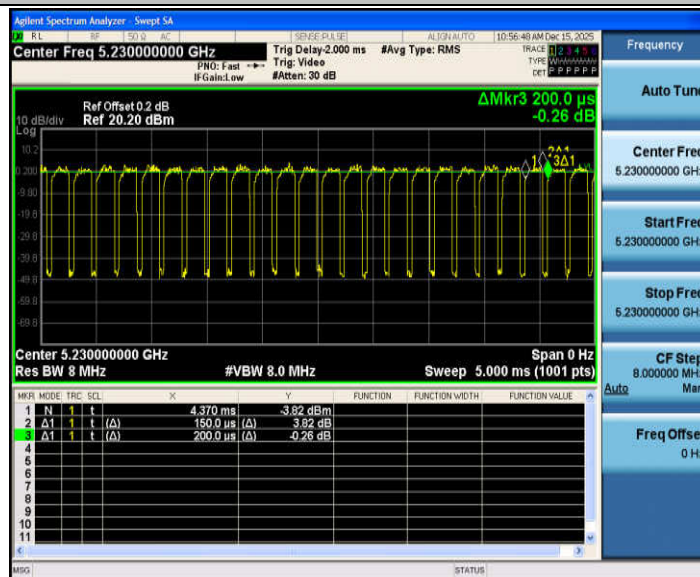
11AC20SISO_Ant1_5825



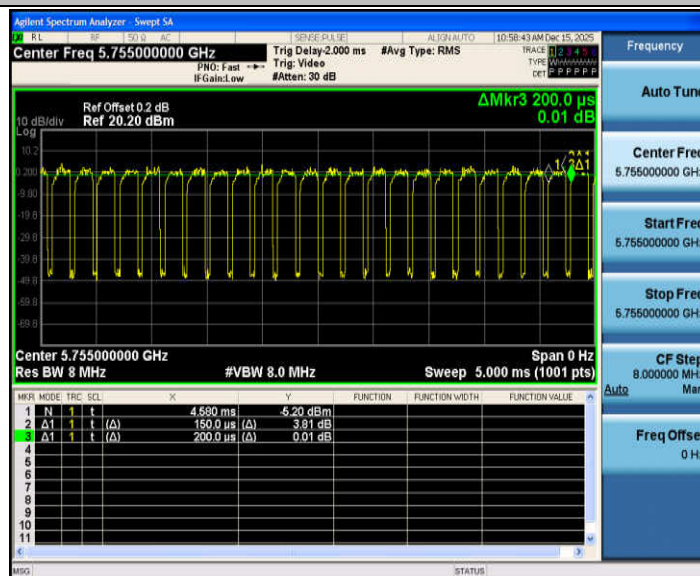
11AC40SISO_Ant1_5190



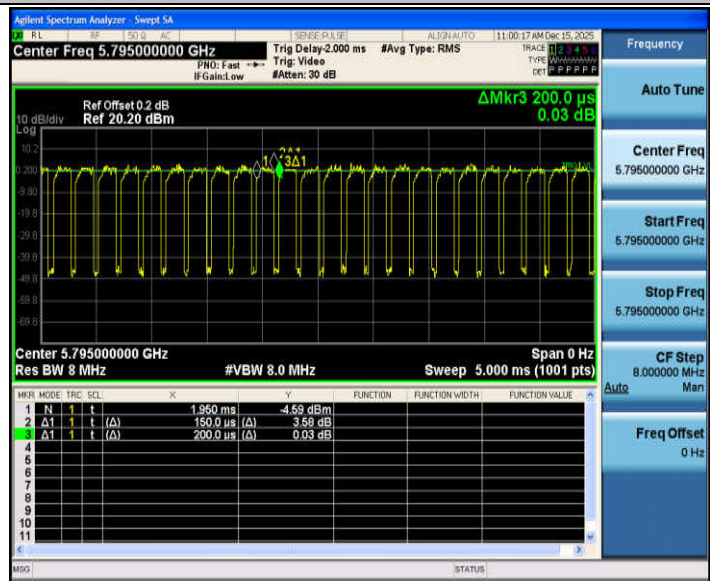
11AC40SISO_Ant1_5230



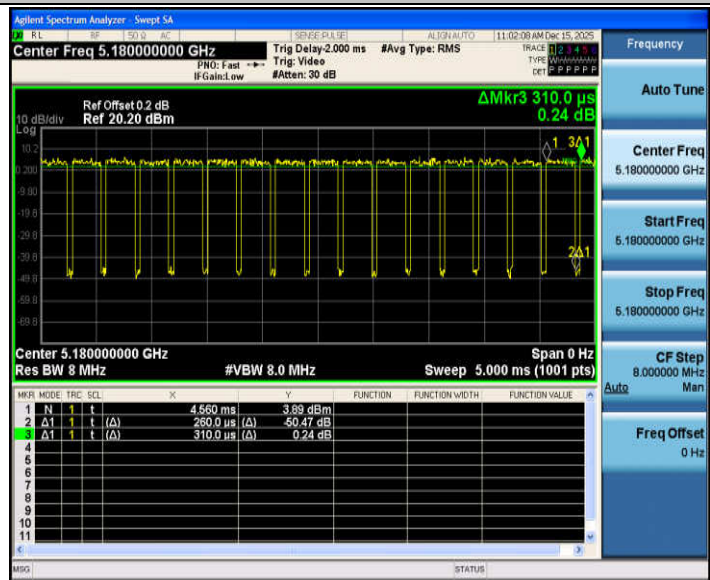
11AC40SISO_Ant1_5755



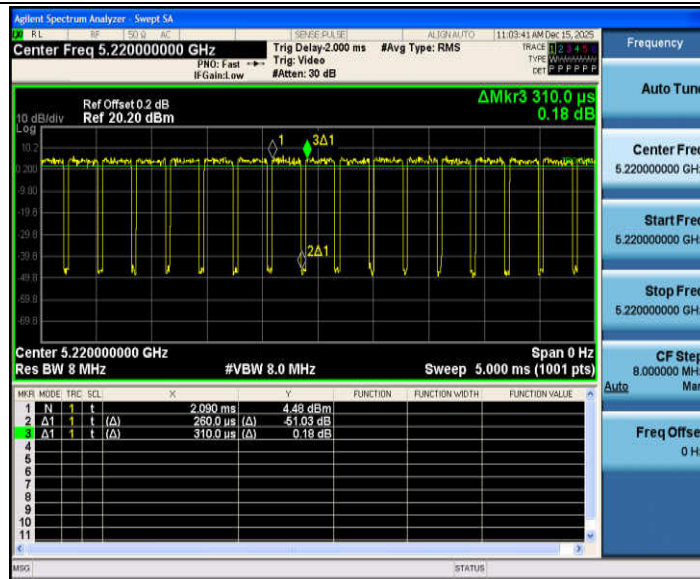
11AC40SISO_Ant1_5795



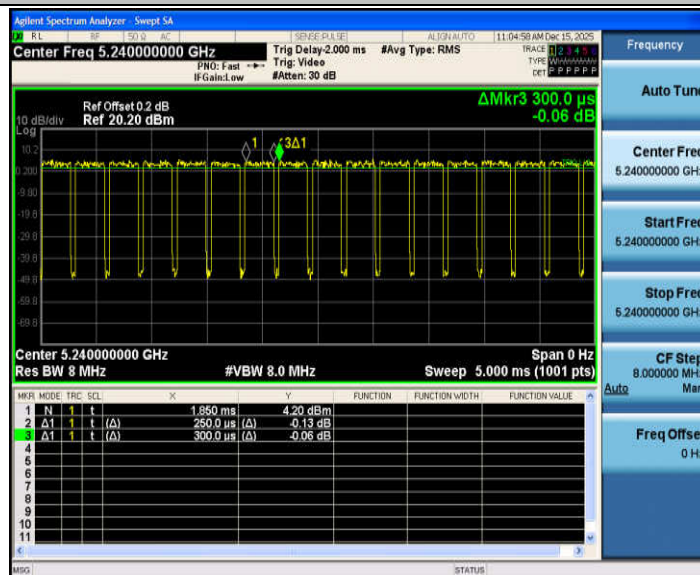
11AX20SISO_Ant1_5180



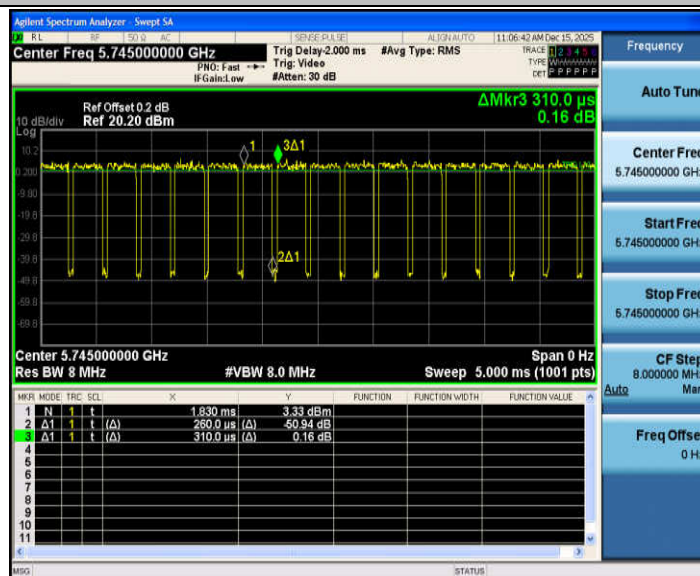
11AX20SISO_Ant1_5220

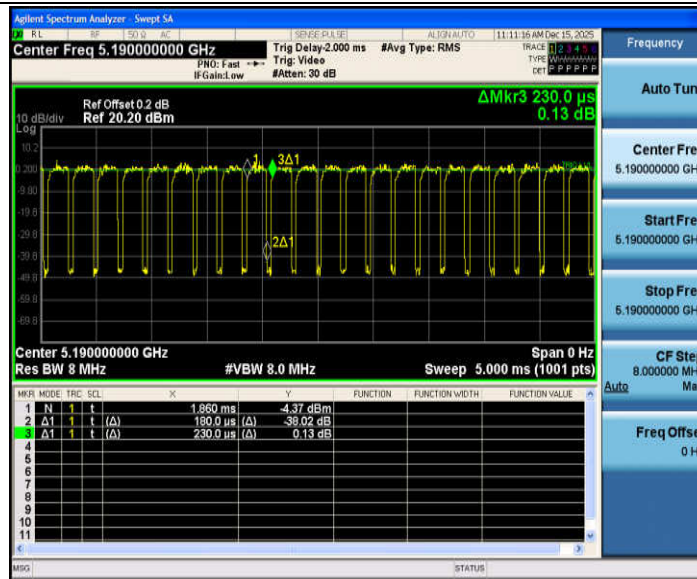


11AX20SISO_Ant1_5240

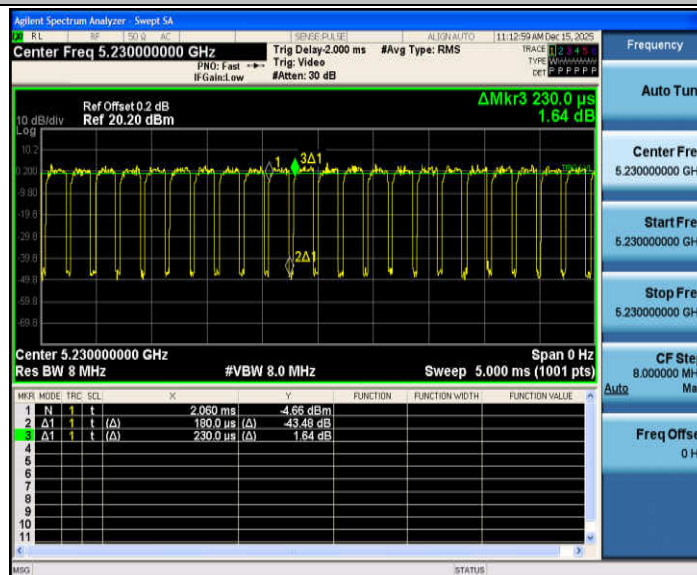


11AX20SISO_Ant1_5745

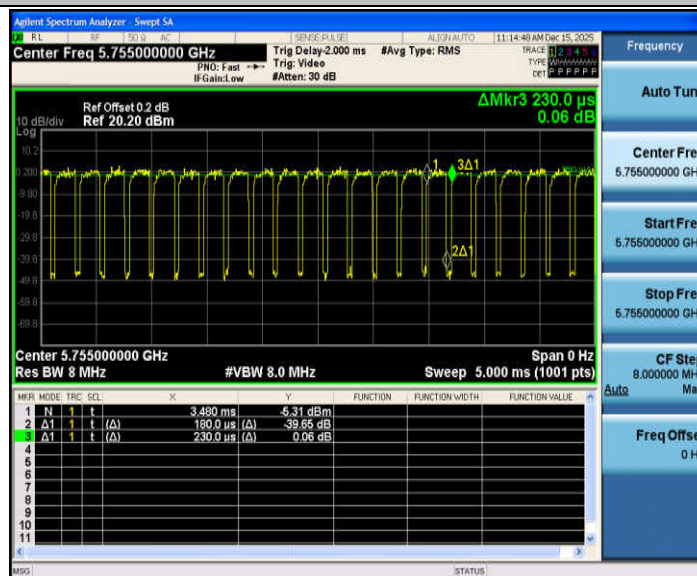




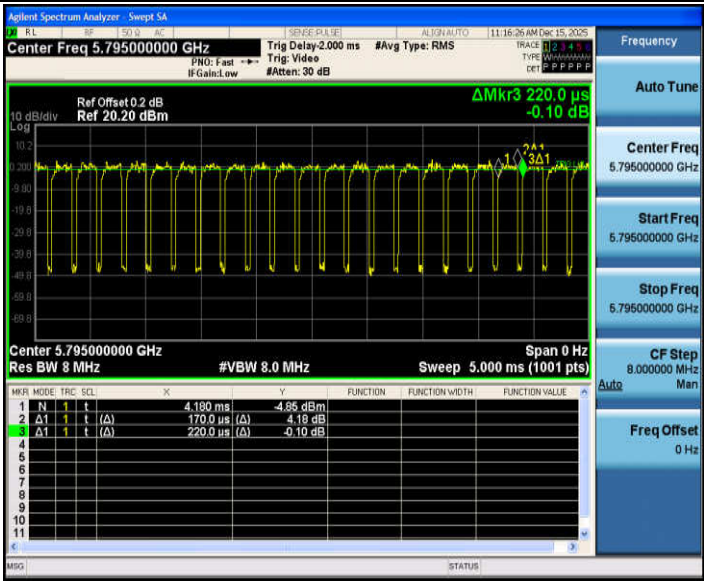
11AX40SISO_Ant1_5230



11AX40SISO_Ant1_5755



11AX40SISO_Ant1_5795



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	0.98	73.68	1.33	2.31	≤23.98	PASS
		5220	1.07	73.68	1.33	2.40	≤23.98	PASS
		5240	0.86	75.00	1.25	2.11	≤23.98	PASS
		5745	0.60	75.00	1.25	1.85	≤30.00	PASS
		5785	0.87	75.00	1.25	2.12	≤30.00	PASS
		5825	0.83	73.68	1.33	2.16	≤30.00	PASS
11N20SI SO	Ant1	5180	1.12	78.26	1.06	2.18	≤23.98	PASS
		5220	1.10	78.26	1.06	2.16	≤23.98	PASS
		5240	0.93	78.26	1.06	1.99	≤23.98	PASS
		5745	0.79	77.27	1.12	1.91	≤30.00	PASS
		5785	0.94	77.27	1.12	2.06	≤30.00	PASS
		5825	0.95	77.27	1.12	2.07	≤30.00	PASS
11N40SI SO	Ant1	5190	1.11	78.26	1.06	2.17	≤23.98	PASS
		5230	1.04	78.26	1.06	2.10	≤23.98	PASS
		5755	1.06	78.26	1.06	2.12	≤30.00	PASS
		5795	1.33	78.26	1.06	2.39	≤30.00	PASS
11AC20S ISO	Ant1	5180	1.08	76.19	1.18	2.26	≤23.98	PASS
		5220	1.07	76.19	1.18	2.25	≤23.98	PASS
		5240	0.96	76.19	1.18	2.14	≤23.98	PASS
		5745	0.73	76.19	1.18	1.91	≤30.00	PASS
		5785	0.95	76.19	1.18	2.13	≤30.00	PASS
		5825	0.89	76.19	1.18	2.07	≤30.00	PASS
11AC40S ISO	Ant1	5190	0.98	75.00	1.25	2.23	≤23.98	PASS
		5230	1.03	75.00	1.25	2.28	≤23.98	PASS
		5755	0.90	75.00	1.25	2.15	≤30.00	PASS
		5795	1.15	75.00	1.25	2.40	≤30.00	PASS
11AX20S ISO	Ant1	5180	1.29	83.87	0.76	2.05	≤23.98	PASS
		5220	1.26	83.87	0.76	2.02	≤23.98	PASS
		5240	0.98	83.33	0.79	1.77	≤23.98	PASS
		5745	0.80	83.87	0.76	1.56	≤30.00	PASS
		5785	1.01	83.87	0.76	1.77	≤30.00	PASS
		5825	0.95	83.87	0.76	1.71	≤30.00	PASS
11AX40S ISO	Ant1	5190	0.62	78.26	1.06	1.68	≤23.98	PASS
		5230	0.53	78.26	1.06	1.59	≤23.98	PASS
		5755	0.55	78.26	1.06	1.61	≤30.00	PASS
		5795	0.80	77.27	1.12	1.92	≤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	-9.855	/	1.33	-8.53	≤11.00	PASS
		5220	-9.606	/	1.33	-8.28	≤11.00	PASS
		5240	-9.714	/	1.25	-8.46	≤11.00	PASS
		5745	-15.523	2.22	1.25	-12.05	≤30.00	PASS
		5785	-15.479	2.22	1.25	-12.01	≤30.00	PASS
		5825	-15.137	2.22	1.33	-11.59	≤30.00	PASS
11N20SISO	Ant1	5180	-8.825	/	1.06	-8.77	≤11.00	PASS
		5220	-9.357	/	1.06	-8.30	≤11.00	PASS
		5240	-10.010	/	1.06	-8.95	≤11.00	PASS
		5745	-15.108	2.22	1.12	-11.77	≤30.00	PASS
		5785	-15.347	2.22	1.12	-12.01	≤30.00	PASS
		5825	-15.119	2.22	1.12	-11.78	≤30.00	PASS
11N40SISO	Ant1	5190	-13.025	/	1.06	-11.97	≤11.00	PASS
		5230	-13.059	/	1.06	-12.00	≤11.00	PASS
		5755	-18.626	2.22	1.06	-15.35	≤30.00	PASS
		5795	-18.213	2.22	1.06	-14.93	≤30.00	PASS
11AC20SISO	Ant1	5180	-9.651	/	1.18	-8.47	≤11.00	PASS

		5220	-9.789	/	1.18	-8.61	≤11.00	PASS
		5240	-9.831	/	1.18	-8.65	≤11.00	PASS
		5745	-15.101	2.22	1.18	-11.70	≤30.00	PASS
		5785	-15.239	2.22	1.18	-11.84	≤30.00	PASS
		5825	-15.198	2.22	1.18	-11.80	≤30.00	PASS
11AC40SISO	Ant1	5190	-13.066	/	1.25	-11.82	≤11.00	PASS
		5230	-13.203	/	1.25	-11.95	≤11.00	PASS
		5755	-18.359	2.22	1.25	-14.89	≤30.00	PASS
		5795	-17.743	2.22	1.25	-14.27	≤30.00	PASS
11AX20SISO	Ant1	5180	-9.723	/	0.76	-8.96	≤11.00	PASS
		5220	-9.721	/	0.76	-8.96	≤11.00	PASS
		5240	-10.164	/	0.79	-9.37	≤11.00	PASS
		5745	-15.808	2.22	0.76	-12.83	≤30.00	PASS
		5785	-15.612	2.22	0.76	-12.63	≤30.00	PASS
		5825	-15.901	2.22	0.76	-12.92	≤30.00	PASS
11AX40SISO	Ant1	5190	-13.690	/	1.06	-12.63	≤11.00	PASS
		5230	-13.894	/	1.06	-12.83	≤11.00	PASS
		5755	-18.868	2.22	1.06	-15.59	≤30.00	PASS
		5795	-19.090	2.22	1.12	-15.75	≤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).

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

Test Graphs

11A_Ant1_5180



11A_Ant1_5220



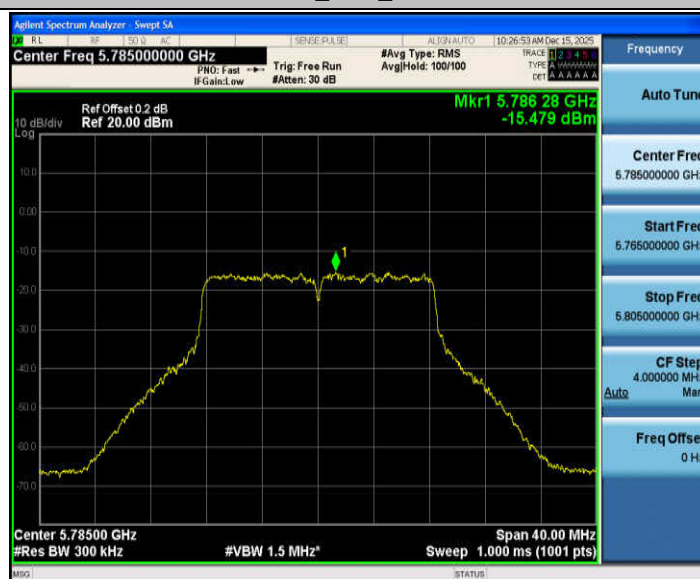
11A_Ant1_5240



11A_Ant1_5745



11A_Ant1_5785



11A_Ant1_5825



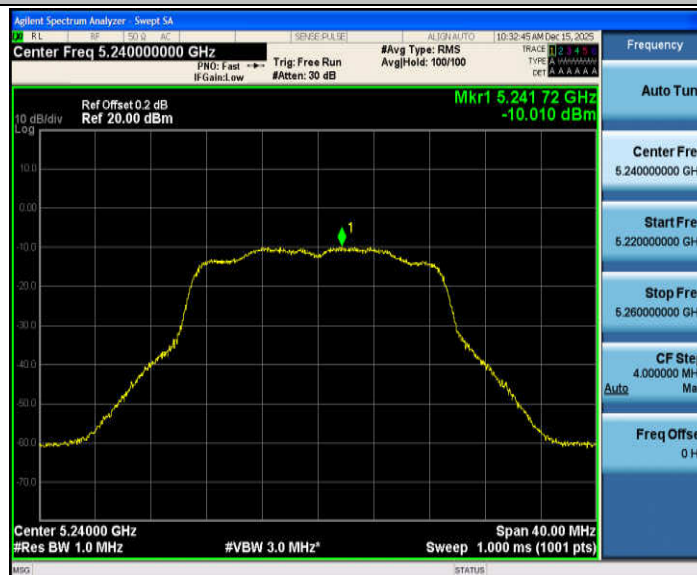
11N20SISO_Ant1_5180



11N20SISO_Ant1_5220



11N20SISO_Ant1_5240



11N20SISO_Ant1_5745



11N20SISO_Ant1_5785



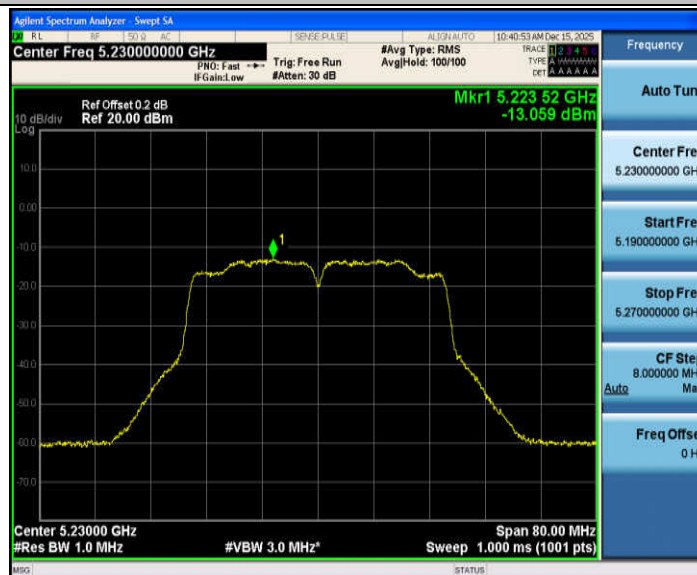
11N20SISO_Ant1_5825



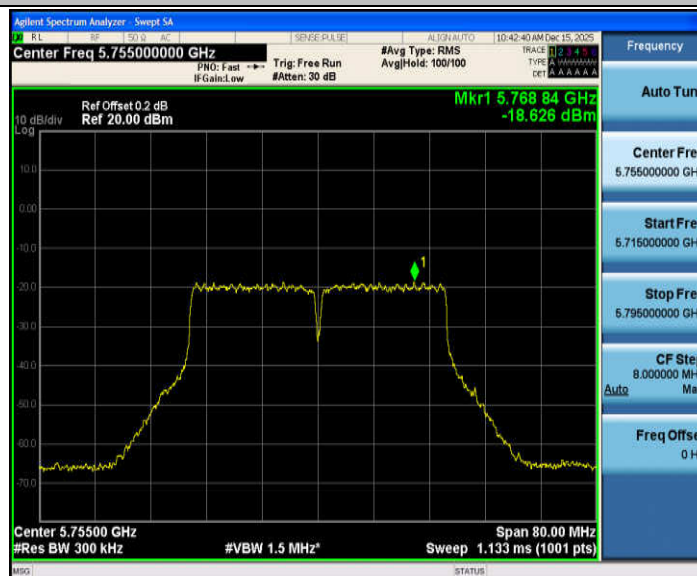
11N40SISO_Ant1_5190



11N40SISO_Ant1_5230



11N40SISO_Ant1_5755



11N40SISO_Ant1_5795



11AC20SISO_Ant1_5180



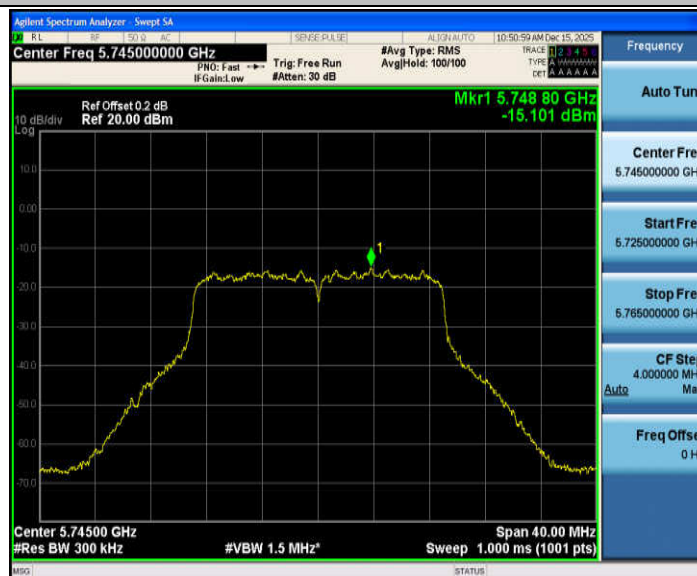
11AC20SISO_Ant1_5220



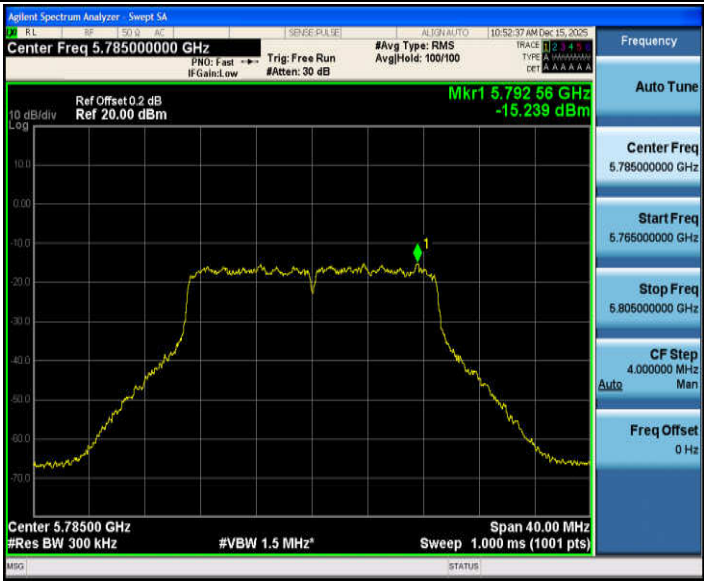
11AC20SISO_Ant1_5240



11AC20SISO_Ant1_5745



11AC20SISO_Ant1_5785



11AC20SISO_Ant1_5825



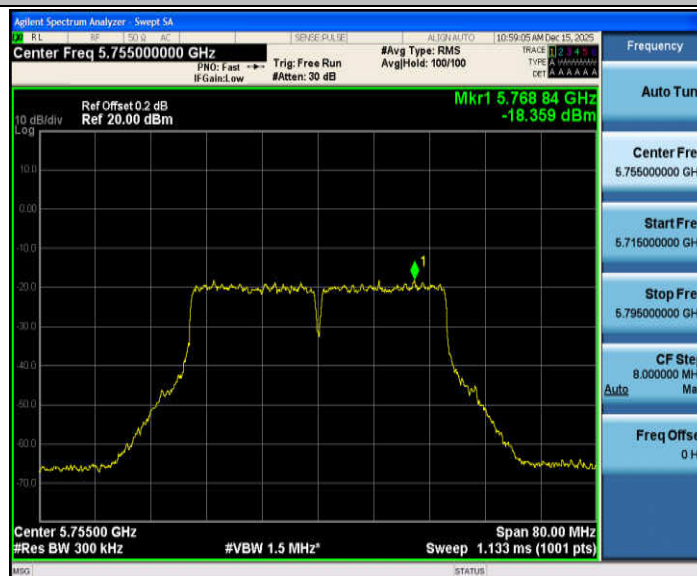
11AC40SISO_Ant1_5190



11AC40SISO_Ant1_5230



11AC40SISO_Ant1_5755



11AC40SISO_Ant1_5795



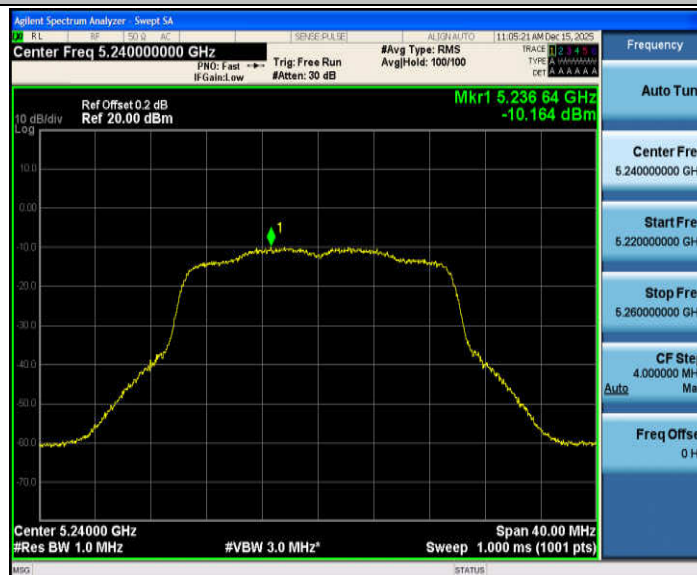
11AX20SISO_Ant1_5180



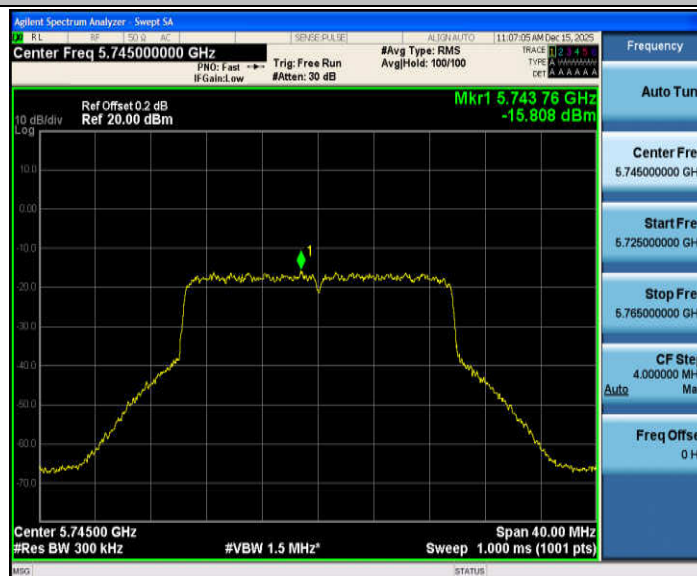
11AX20SISO_Ant1_5220



11AX20SISO_Ant1_5240



11AX20SISO_Ant1_5745



11AX20SISO_Ant1_5785



11AX20SISO_Ant1_5825



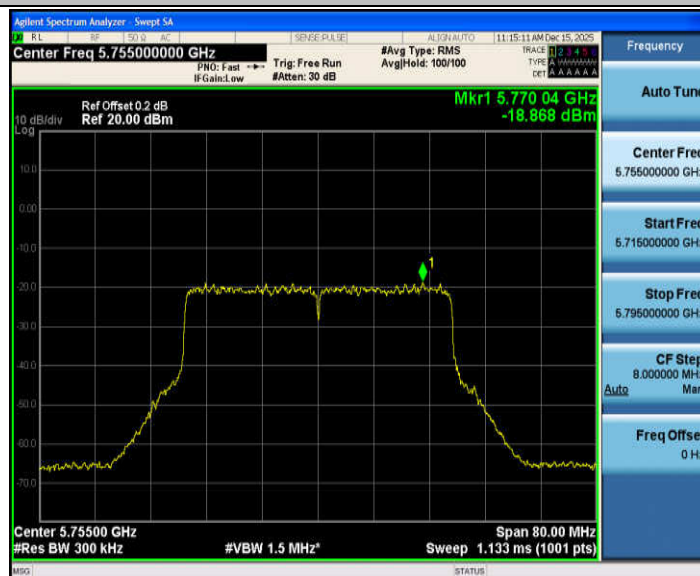
11AX40SISO_Ant1_5190



11AX40SISO_Ant1_5230



11AX40SISO_Ant1_5755



11AX40SISO_Ant1_5795



Appendix E: Band edge measurements

Test Result B1

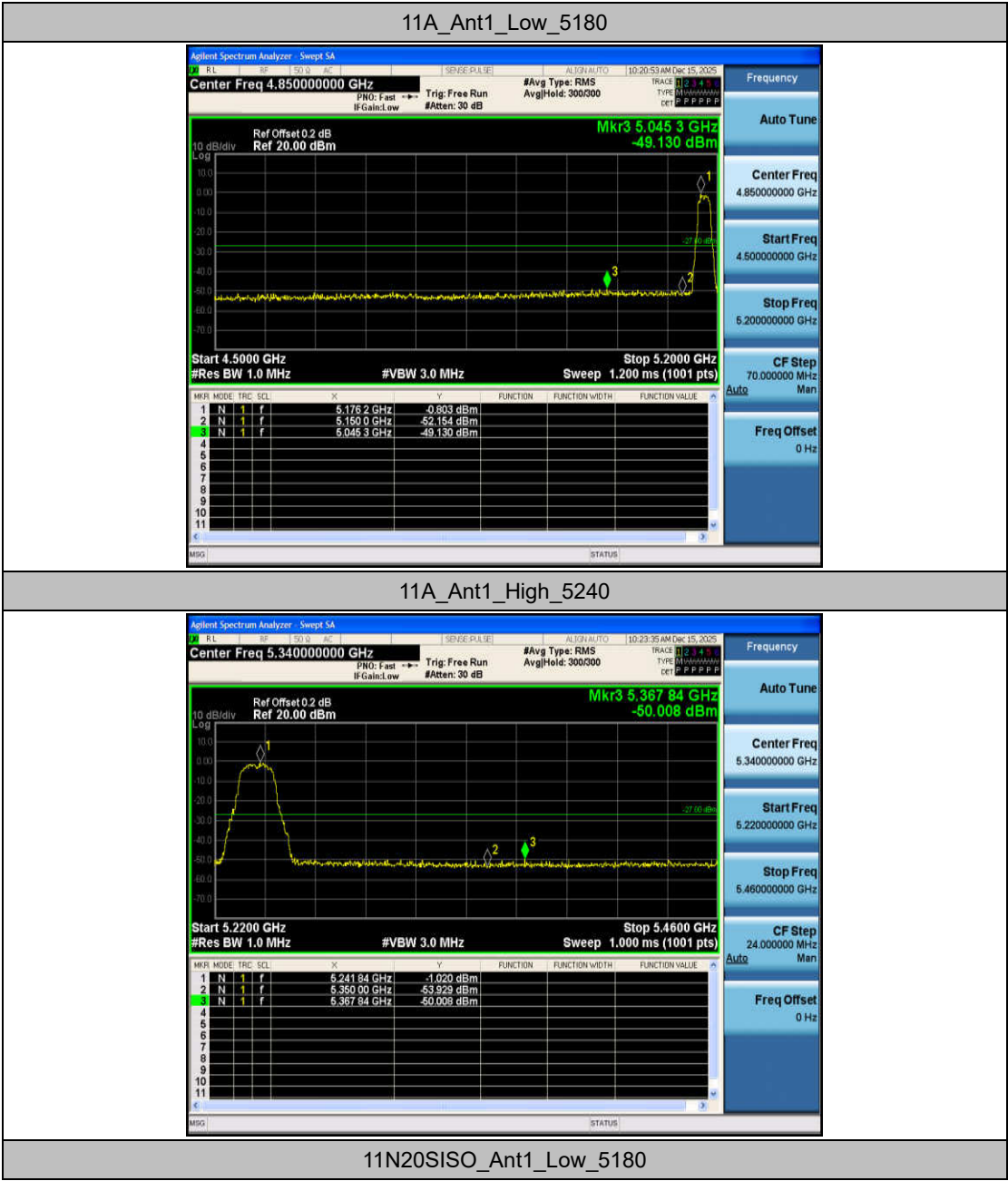
TestMode	Antenna	ChName	Freq(MHz)	Result[dBm]	Limit[dBm]	Verdict
11A	Ant1	Low	5180	-49.13	≤-27	PASS
		High	5240	-50.01	≤-27	PASS
11N20SISO	Ant1	Low	5180	-49.14	≤-27	PASS
		High	5240	-49.58	≤-27	PASS
11N40SISO	Ant1	Low	5190	-49.6	≤-27	PASS
		High	5230	-50.32	≤-27	PASS
11AC20SISO	Ant1	Low	5180	-49.48	≤-27	PASS
		High	5240	-49.56	≤-27	PASS
11AC40SISO	Ant1	Low	5190	-48.74	≤-27	PASS
		High	5230	-49.66	≤-27	PASS
11AX20SISO	Ant1	Low	5180	-49.47	≤-27	PASS
		High	5240	-50.1	≤-27	PASS
11AX40SISO	Ant1	Low	5190	-48.88	≤-27	PASS
		High	5230	-50.48	≤-27	PASS

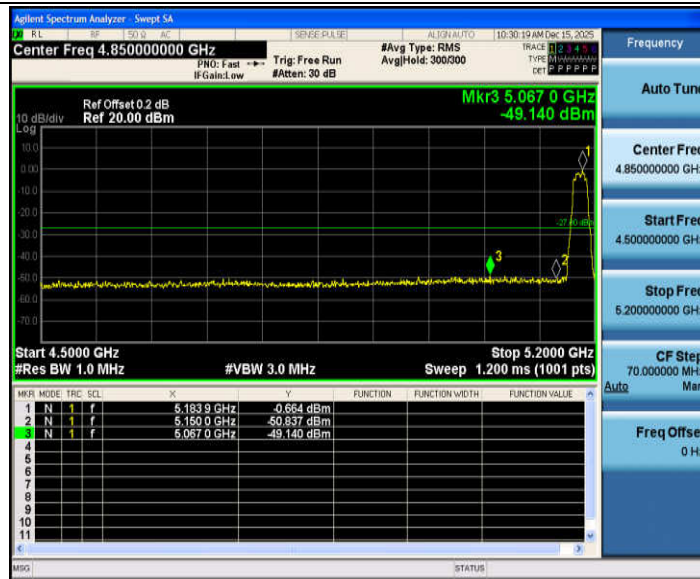
Test Result B4

TestMode	Antenna	ChName	Freq(MHz)	FreqRange [MHz]	Result [dBm]	Limit [dBm]	Verdict
11A	Ant1	Low	5745	5650~5700	-50.87	≤-27	PASS
				5700~5720	-49.87	≤10.0	PASS
				5720~5725	-51.71	≤15.6	PASS
				5000~5650	-51.73	≤-27	PASS
		High	5825	5850~5855	-51.69	≤15.6	PASS
				5855~5875	-50.12	≤10.0	PASS
				5875~5925	-51.81	≤-27	PASS
				5925~5935	-49.01	≤-27	PASS
11N20SISO	Ant1	Low	5745	5650~5700	-50.86	≤-27	PASS
				5700~5720	-51.24	≤10.0	PASS
				5720~5725	-50.59	≤15.6	PASS
				5000~5650	-51.15	≤-27	PASS
		High	5825	5850~5855	-51.82	≤15.6	PASS
				5855~5875	-50.22	≤10.0	PASS
				5875~5925	-50.82	≤-27	PASS
				5925~5935	-50.21	≤-27	PASS
11N40SISO	Ant1	Low	5755	5650~5700	-51.6	≤-27	PASS
				5700~5720	-51.09	≤10.0	PASS
				5720~5725	-50.99	≤15.6	PASS

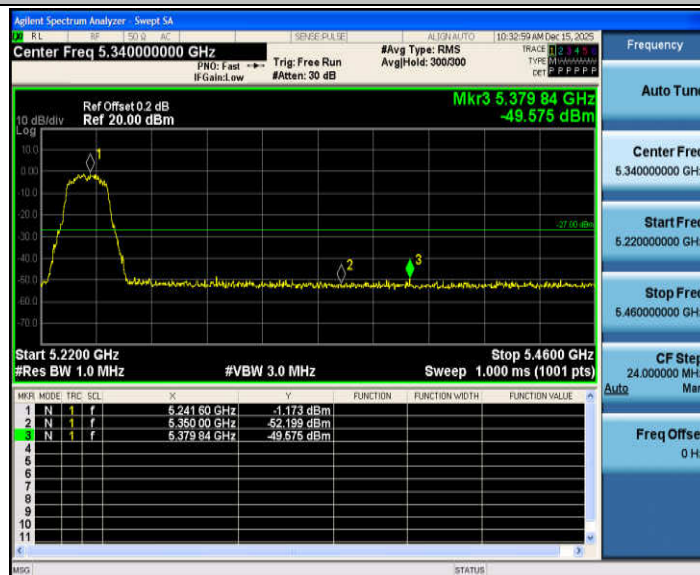
		High	5795	5000~5650	-51.35	≤ -27	PASS
				5850~5855	-52.29	≤ 15.6	PASS
				5855~5875	-50.71	≤ 10.0	PASS
				5875~5925	-51.53	≤ -27	PASS
				5925~5935	-49.41	≤ -27	PASS
11AC20S ISO	Ant1	Low	5745	5650~5700	-52.24	≤ -27	PASS
				5700~5720	-52.13	≤ 10.0	PASS
				5720~5725	-52.23	≤ 15.6	PASS
				5000~5650	-50.74	≤ -27	PASS
		High	5825	5850~5855	-51.84	≤ 15.6	PASS
				5855~5875	-50.29	≤ 10.0	PASS
				5875~5925	-51.18	≤ -27	PASS
				5925~5935	-50.44	≤ -27	PASS
11AC40S ISO	Ant1	Low	5755	5650~5700	-49.77	≤ -27	PASS
				5700~5720	-51.67	≤ 10.0	PASS
				5720~5725	-51.28	≤ 15.6	PASS
				5000~5650	-51.2	≤ -27	PASS
		High	5795	5850~5855	-51.53	≤ 15.6	PASS
				5855~5875	-50.41	≤ 10.0	PASS
				5875~5925	-50.97	≤ -27	PASS
				5925~5935	-49.89	≤ -27	PASS
11AX20S ISO	Ant1	Low	5745	5650~5700	-51.18	≤ -27	PASS
				5700~5720	-51.11	≤ 10.0	PASS
				5720~5725	-52.3	≤ 15.6	PASS
				5000~5650	-51.02	≤ -27	PASS
		High	5825	5850~5855	-50.54	≤ 15.6	PASS
				5855~5875	-50.15	≤ 10.0	PASS
				5875~5925	-50.09	≤ -27	PASS
				5925~5935	-49.41	≤ -27	PASS
11AX40S ISO	Ant1	Low	5755	5650~5700	-50.48	≤ -27	PASS
				5700~5720	-51.17	≤ 10.0	PASS
				5720~5725	-50.34	≤ 15.6	PASS
				5000~5650	-51.24	≤ -27	PASS
		High	5795	5850~5855	-51.96	≤ 15.6	PASS
				5855~5875	-49.77	≤ 10.0	PASS
				5875~5925	-50.62	≤ -27	PASS
				5925~5935	-50.79	≤ -27	PASS

Test Graphs B1

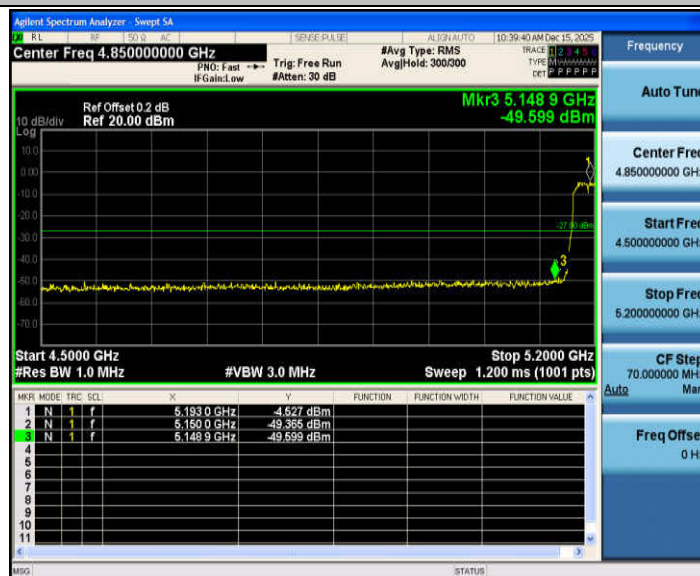




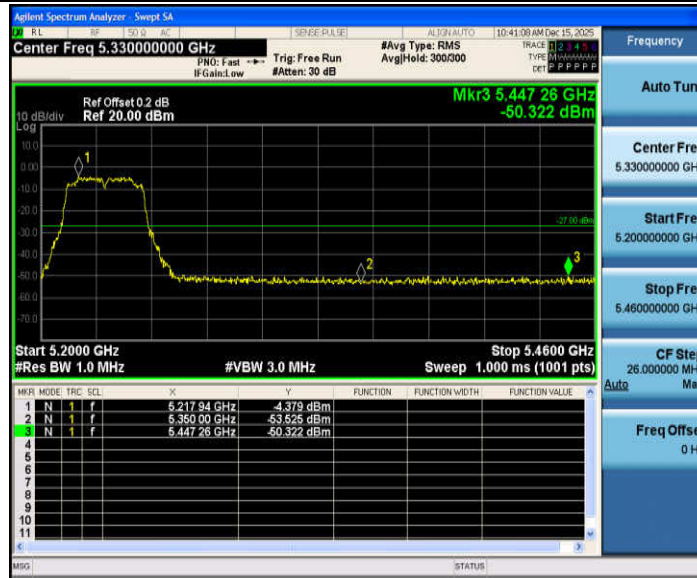
11N20ISO_Ant1_High_5240



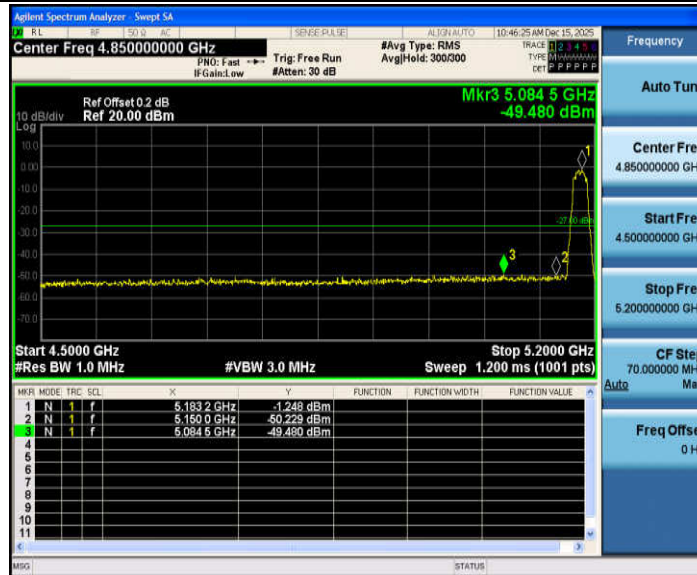
11N40ISO_Ant1_Low_5190



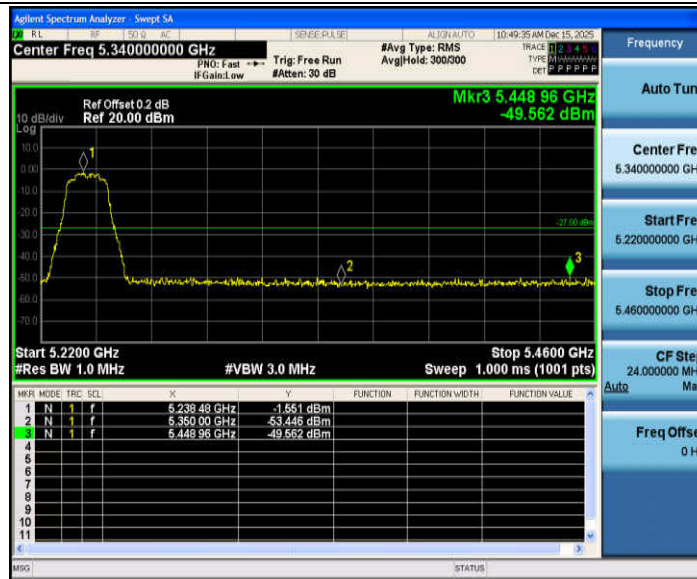
11N40SISO_Ant1_High_5230



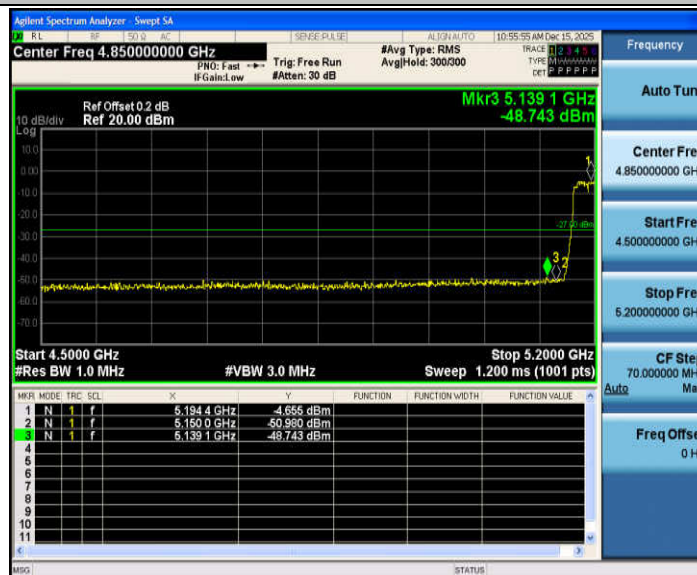
11AC20SISO_Ant1_Low_5180



11AC20SISO_Ant1_High_5240



11AC40SISO_Ant1_Low_5190



11AC40SISO_Ant1_High_5230

