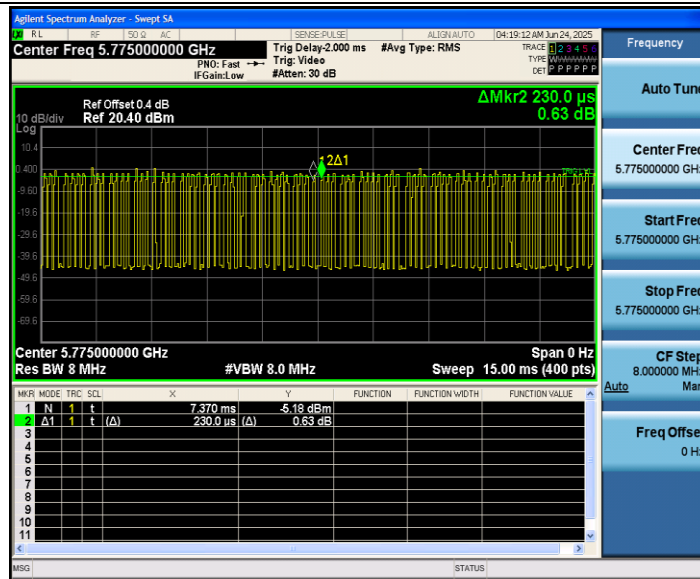
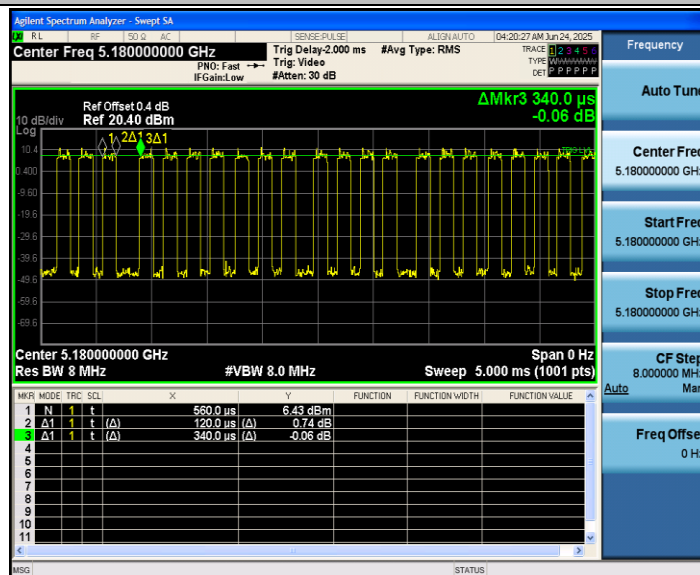
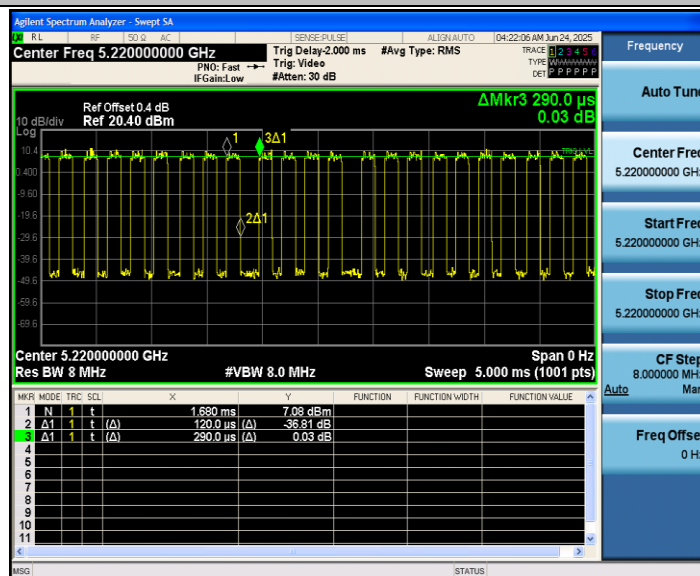




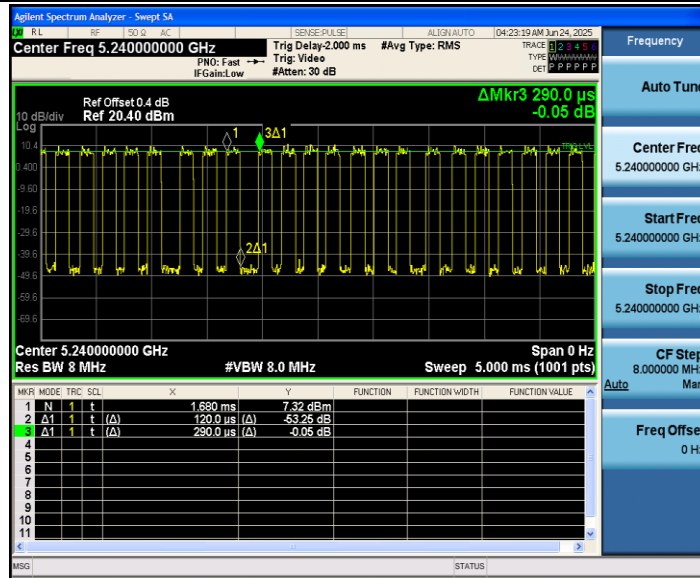
11AX20SISO_Ant1_5180



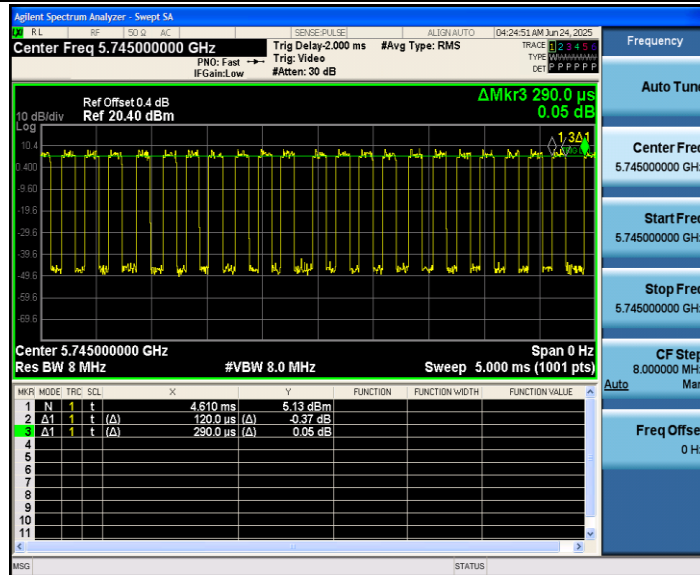
11AX20SISO_Ant1_5220



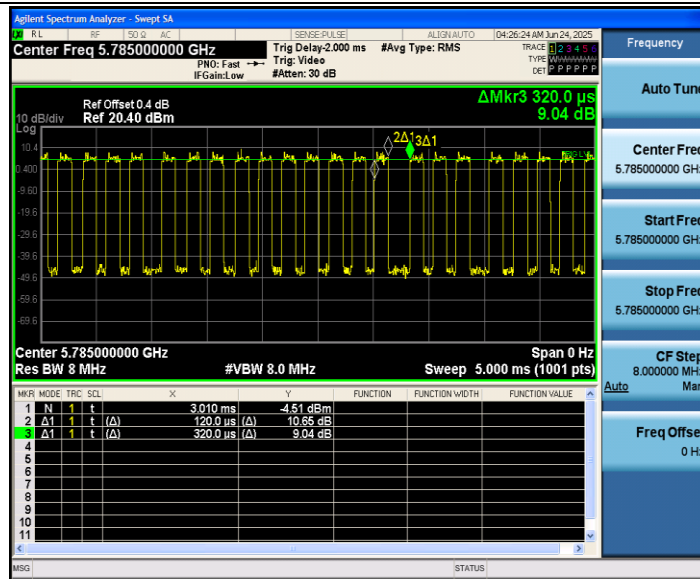
11AX20SISO_Ant1_5240



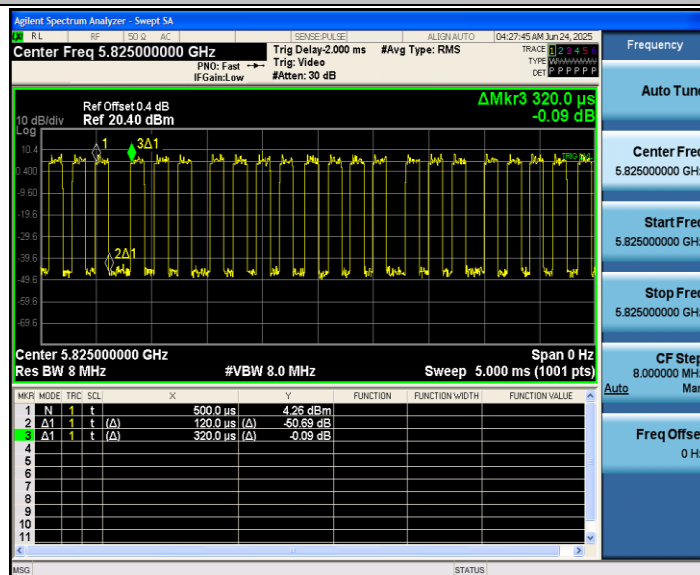
11AX20SISO_Ant1_5745



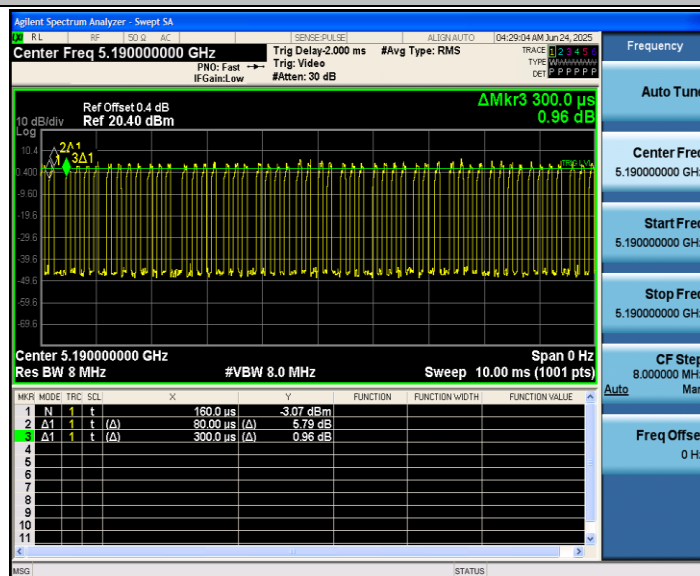
11AX20SISO_Ant1_5785



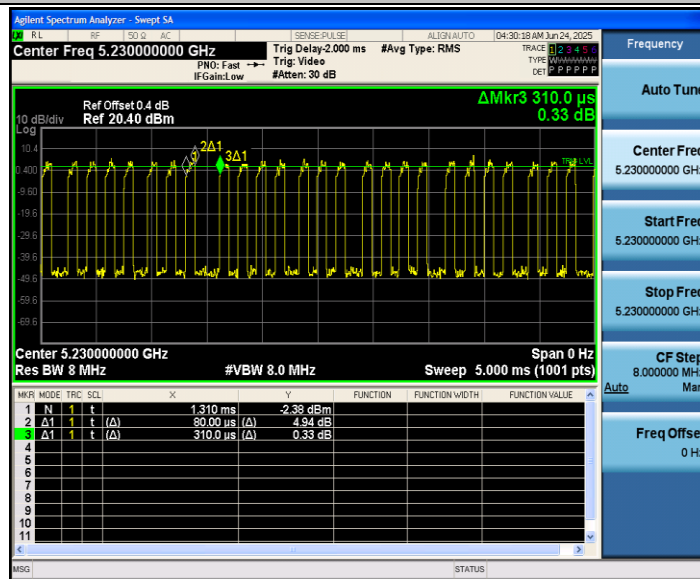
11AX20SISO_Ant1_5825



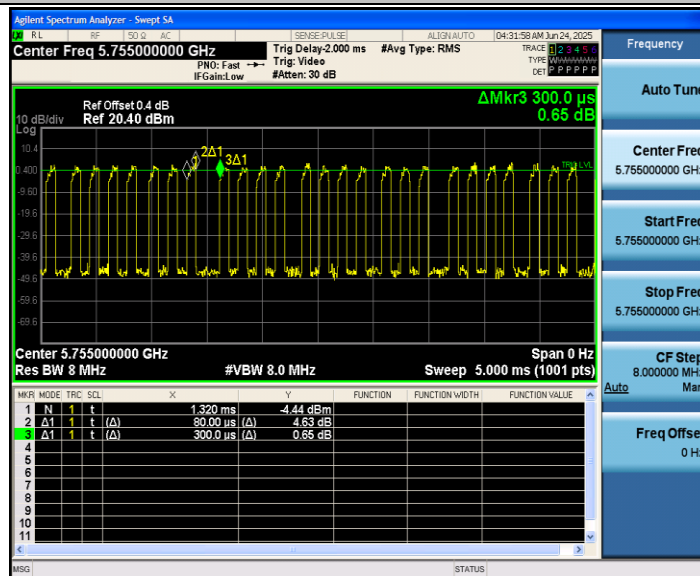
11AX40SISO_Ant1_5190



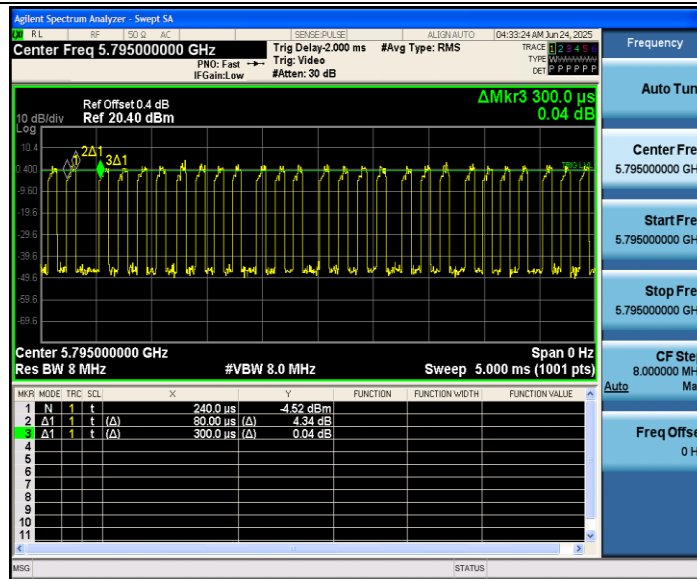
11AX40SISO_Ant1_5230



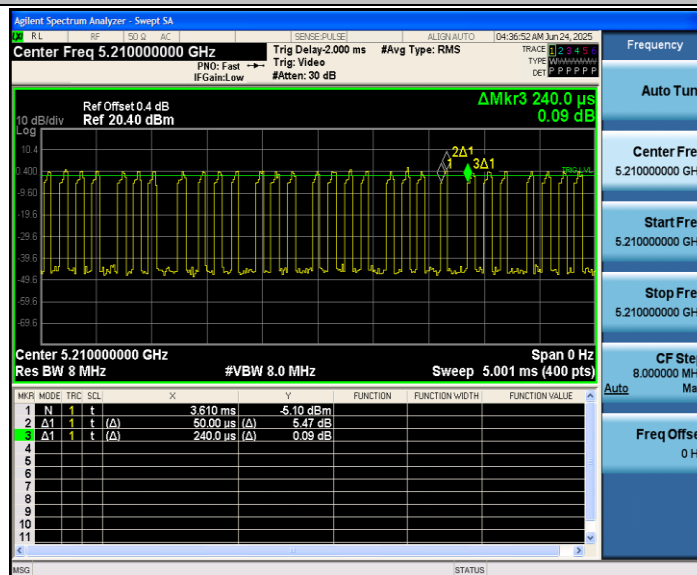
11AX40SISO_Ant1_5755



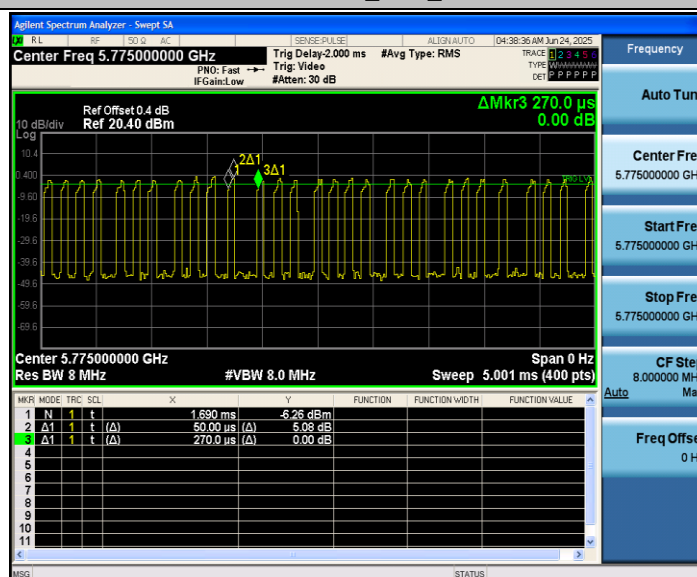
11AX40SISO_Ant1_5795



11AX80SISO_Ant1_5210



11AX80SISO_Ant1_5775



Appendix C: Maximum conducted output power

Test Result Channel Power

Test Mode	Antenna	Freq(MHz)	Channel Power [dBm]	DC Factor [dBm]	Result [dBm]	Limit [dBm]	Verdict
11A	Ant1	5180	-1.77	4.36	2.59	≤23.98	PASS
		5220	-1.75	4.64	2.89	≤23.98	PASS
		5240	-1.69	4.36	2.67	≤23.98	PASS
		5745	-1.18	4.12	2.94	≤30.00	PASS
		5785	-0.87	3.83	2.96	≤30.00	PASS
		5825	-2.05	4.64	2.59	≤30.00	PASS
11N20SI SO	Ant1	5180	-1.78	4.50	2.72	≤23.98	PASS
		5220	-1.69	4.06	2.37	≤23.98	PASS
		5240	-1.75	4.06	2.31	≤23.98	PASS
		5745	-2.18	4.50	2.32	≤30.00	PASS
		5785	-1.96	4.06	2.10	≤30.00	PASS
		5825	-2.16	4.21	2.05	≤30.00	PASS
11N40SI SO	Ant1	5190	-3.89	6.17	2.28	≤23.98	PASS
		5230	-2.8	5.70	2.90	≤23.98	PASS
		5755	-2.78	5.70	2.92	≤30.00	PASS
		5795	-3.55	6.17	2.62	≤30.00	PASS
11AC20S ISO	Ant1	5180	-1.63	3.98	2.35	≤23.98	PASS
		5220	-1.55	4.39	2.84	≤23.98	PASS
		5240	-1.59	3.83	2.24	≤23.98	PASS
		5745	-2.05	4.26	2.21	≤30.00	PASS
		5785	-1.85	3.98	2.13	≤30.00	PASS
		5825	-0.92	3.83	2.91	≤30.00	PASS
11AC40S ISO	Ant1	5190	-2.52	4.95	2.43	≤23.98	PASS
		5230	-2.59	5.44	2.85	≤23.98	PASS
		5755	-3.63	5.74	2.11	≤30.00	PASS
		5795	-3.3	5.59	2.29	≤30.00	PASS
11AC80S ISO	Ant1	5210	-4.42	6.99	2.57	≤23.98	PASS
		5775	-5.41	7.60	2.19	≤30.00	PASS
11AX20S ISO	Ant1	5180	-1.58	4.52	2.94	≤23.98	PASS
		5220	-1.57	3.83	2.26	≤23.98	PASS
		5240	-1.65	3.83	2.18	≤23.98	PASS
		5745	-1.01	3.83	2.82	≤30.00	PASS
		5785	-1.74	4.26	2.52	≤30.00	PASS
		5825	-1.9	4.26	2.36	≤30.00	PASS

11AX40S ISO	Ant1	5190	-3.5	5.74	2.24	≤ 23.98	PASS
		5230	-3.49	5.88	2.39	≤ 23.98	PASS
		5755	-3.65	5.74	2.09	≤ 30.00	PASS
		5795	-2.35	5.74	3.39	≤ 30.00	PASS
11AX80S ISO	Ant1	5210	-4.46	6.81	2.35	≤ 23.98	PASS
		5775	-4.45	7.32	2.87	≤ 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/MHz] For 5.8G	
11A	Ant1	5180	-7.929	/	4.36	-3.57	≤11.00	PASS
		5220	-8.252	/	4.64	-3.61	≤11.00	PASS
		5240	-8.421	/	4.36	-4.06	≤11.00	PASS
		5745	-13.990	2.22	4.12	-7.65	≤30.00	PASS
		5785	-15.106	2.22	3.83	-9.06	≤30.00	PASS
		5825	-15.266	2.22	4.64	-8.41	≤30.00	PASS
11N20SISO	Ant1	5180	-8.441	/	4.50	-3.94	≤11.00	PASS
		5220	-8.101	/	4.06	-4.04	≤11.00	PASS
		5240	-8.589	/	4.06	-4.53	≤11.00	PASS
		5745	-13.988	2.22	4.50	-7.27	≤30.00	PASS
		5785	-15.162	2.22	4.06	-8.88	≤30.00	PASS
		5825	-14.739	2.22	4.21	-8.31	≤30.00	PASS
11N40SISO	Ant1	5190	-14.711	/	6.17	-8.54	≤11.00	PASS
		5230	-13.858	/	5.70	-8.16	≤11.00	PASS
		5755	-19.100	2.22	5.70	-11.18	≤30.00	PASS
		5795	-19.981	2.22	6.17	-11.59	≤30.00	PASS
11AC20SISO	Ant1	5180	-8.403	/	3.98	-4.42	≤11.00	PASS

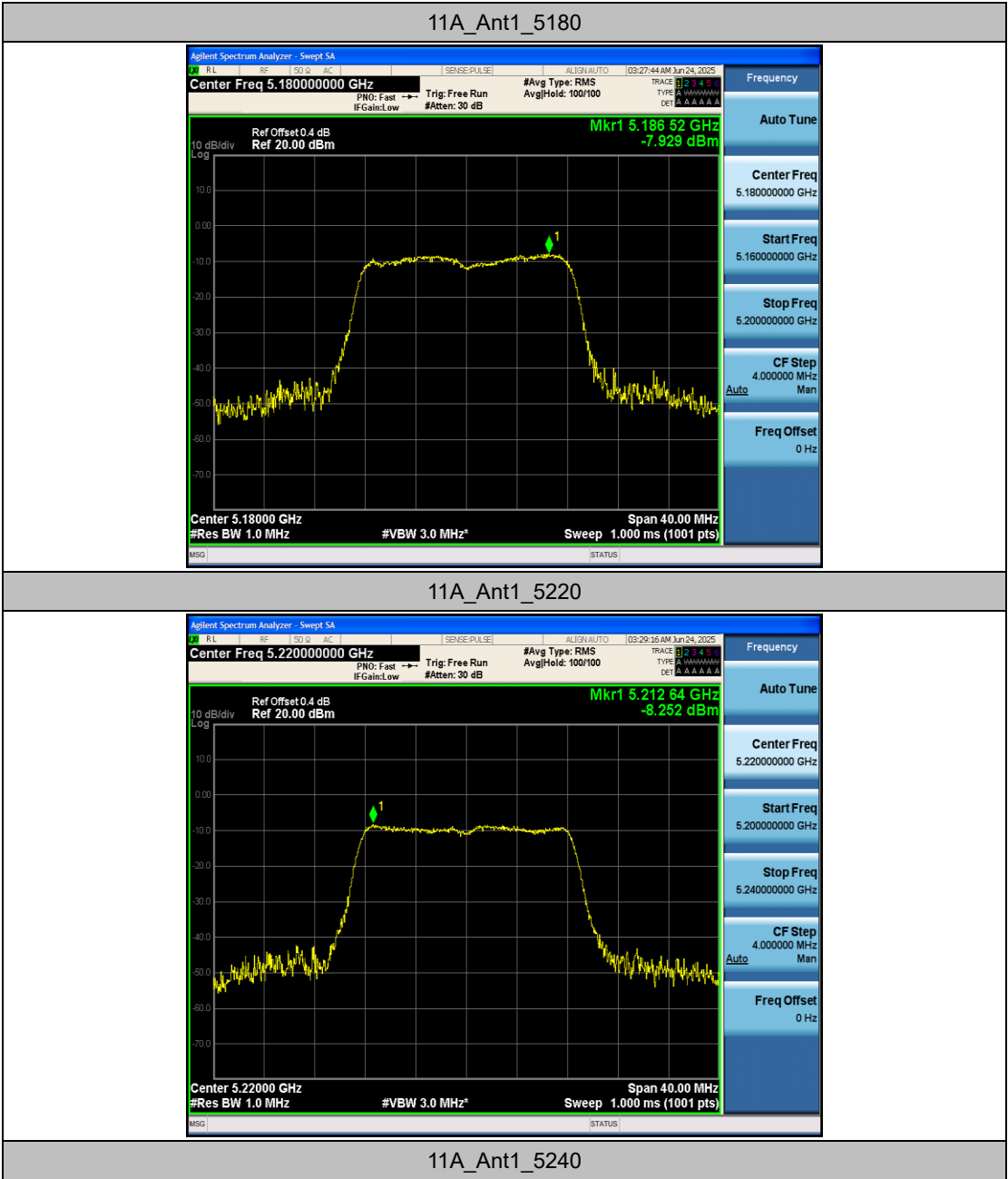
		5220	-8.357	/	4.39	-3.97	≤11.00	PASS
		5240	-8.281	/	3.83	-4.45	≤11.00	PASS
		5745	-14.269	2.22	4.26	-7.79	≤30.00	PASS
		5785	-14.960	2.22	3.98	-8.76	≤30.00	PASS
		5825	-14.695	2.22	3.83	-8.65	≤30.00	PASS
11AC40SISO	Ant1	5190	-14.016	/	4.95	-9.07	≤11.00	PASS
		5230	-13.631	/	5.44	-8.19	≤11.00	PASS
		5755	-19.065	2.22	5.74	-11.11	≤30.00	PASS
		5795	-19.783	2.22	5.59	-11.97	≤30.00	PASS
11AC80SISO	Ant1	5210	-17.710	/	6.99	-10.72	≤11.00	PASS
		5775	-23.380	2.22	7.60	-13.56	≤30.00	PASS
11AX20SISO	Ant1	5180	-8.143	/	4.52	-3.62	≤11.00	PASS
		5220	-8.435	/	3.83	-4.61	≤11.00	PASS
		5240	-8.496	/	3.83	-4.67	≤11.00	PASS
		5745	-13.989	2.22	3.83	-7.94	≤30.00	PASS
		5785	-14.590	2.22	4.26	-8.11	≤30.00	PASS
		5825	-14.397	2.22	4.26	-7.92	≤30.00	PASS
11AX40SISO	Ant1	5190	-13.988	/	5.74	-8.25	≤11.00	PASS
		5230	-13.751	/	5.88	-7.87	≤11.00	PASS
		5755	-19.252	2.22	5.74	-11.29	≤30.00	PASS
		5795	-19.814	2.22	5.74	-11.85	≤30.00	PASS
11AX80SISO	Ant1	5210	-17.950	/	6.81	-11.14	≤11.00	PASS
		5775	-23.498	2.22	7.32	-13.96	≤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).

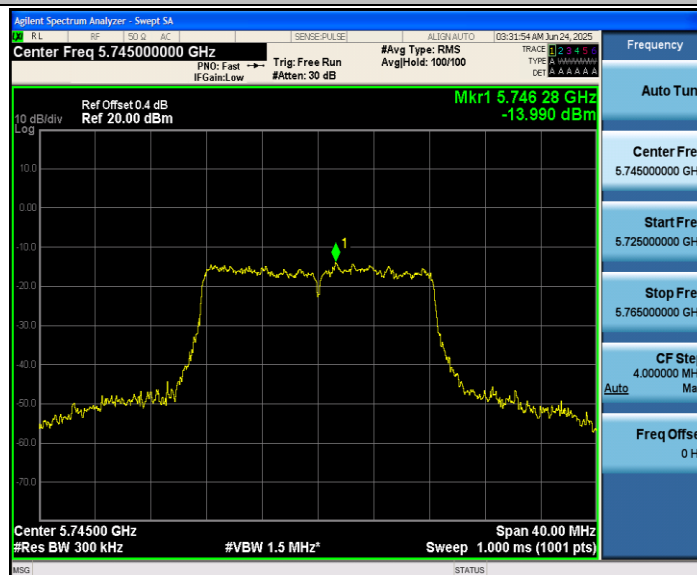
2. RBW factor= 10 log (500 KHz /300 KHz) = 2.22 dB

Test Graphs

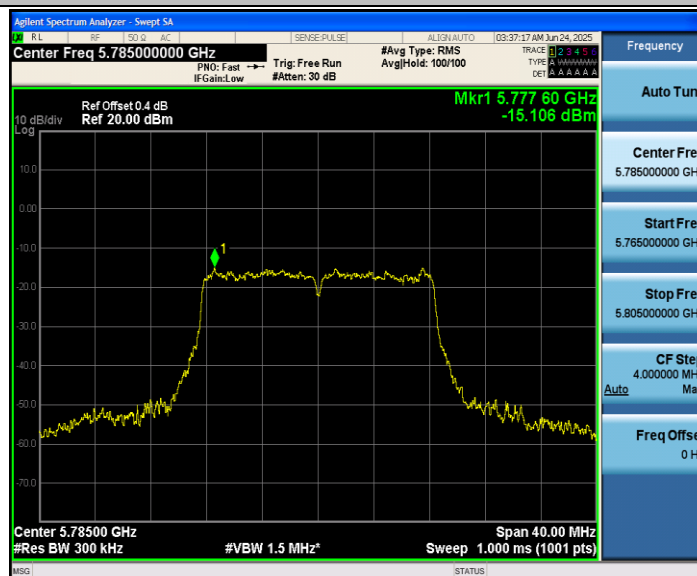




11A_Ant1_5745



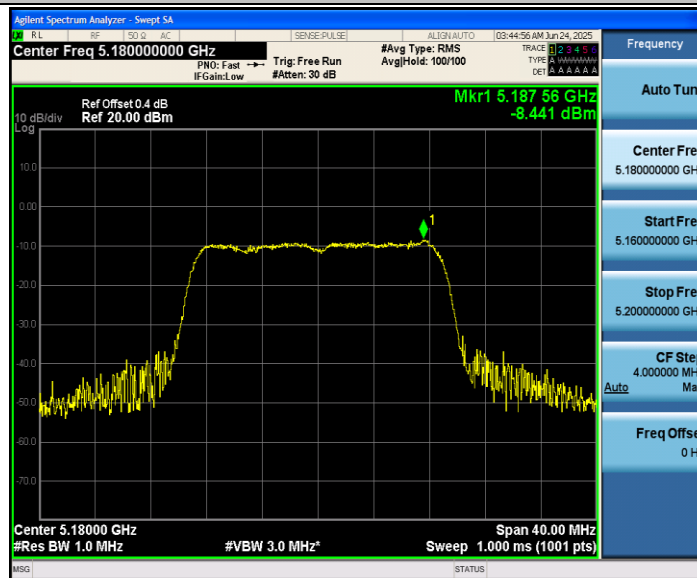
11A_Ant1_5785



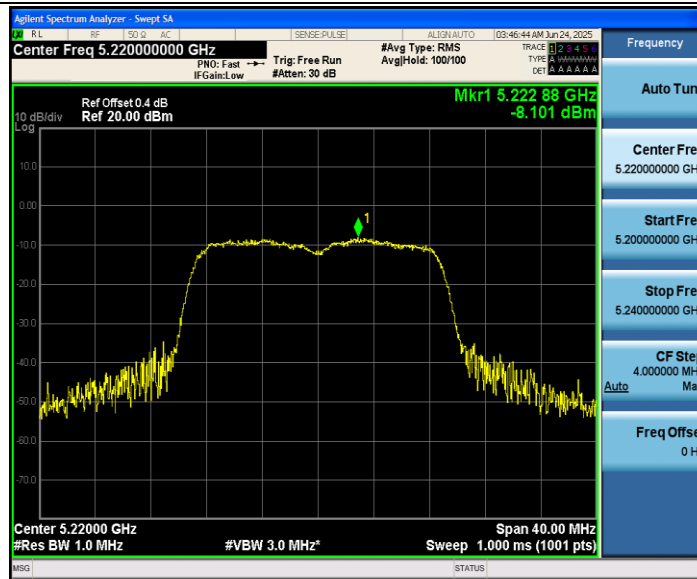
11A_Ant1_5825



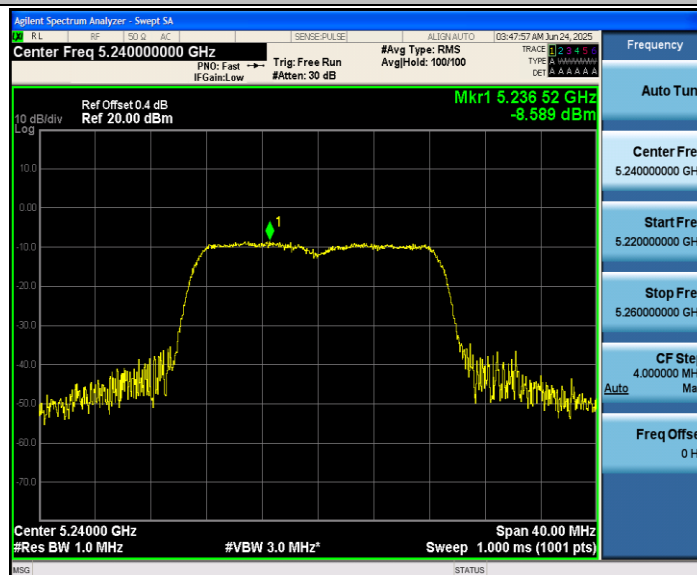
11N20SISO_Ant1_5180



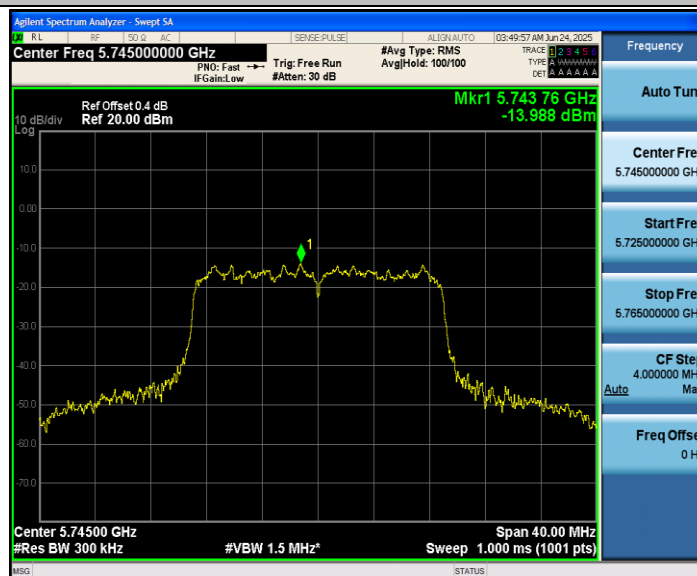
11N20SISO_Ant1_5220



11N20SISO_Ant1_5240



11N20SISO_Ant1_5745



11N20SISO_Ant1_5785



11N20SISO_Ant1_5825



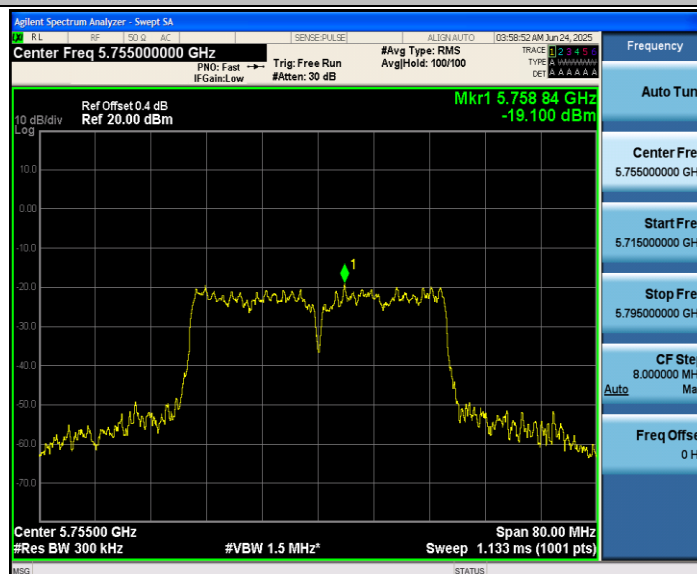
11N40SISO_Ant1_5190



11N40SISO_Ant1_5230



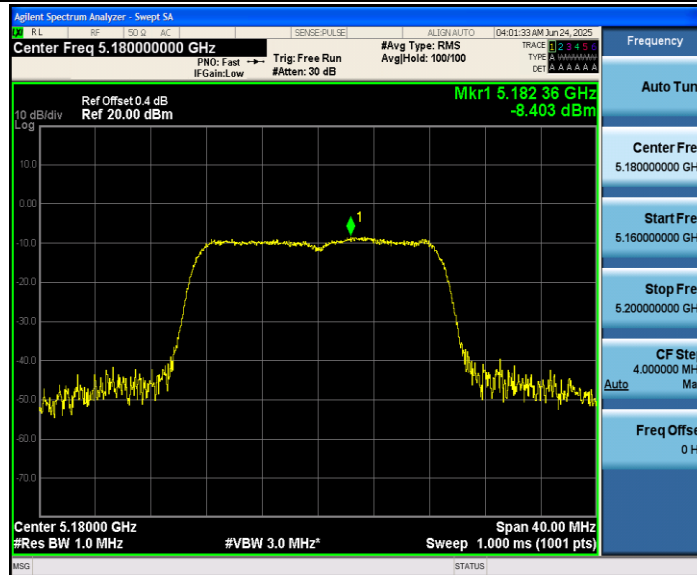
11N40SISO_Ant1_5755



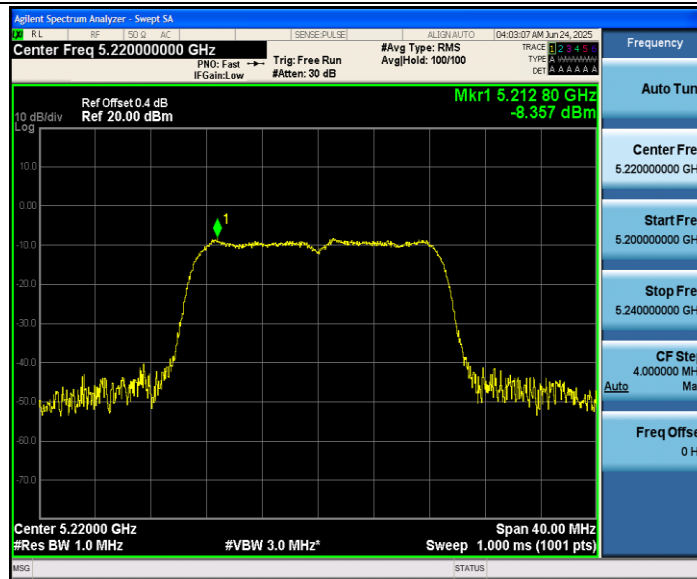
11N40SISO_Ant1_5795



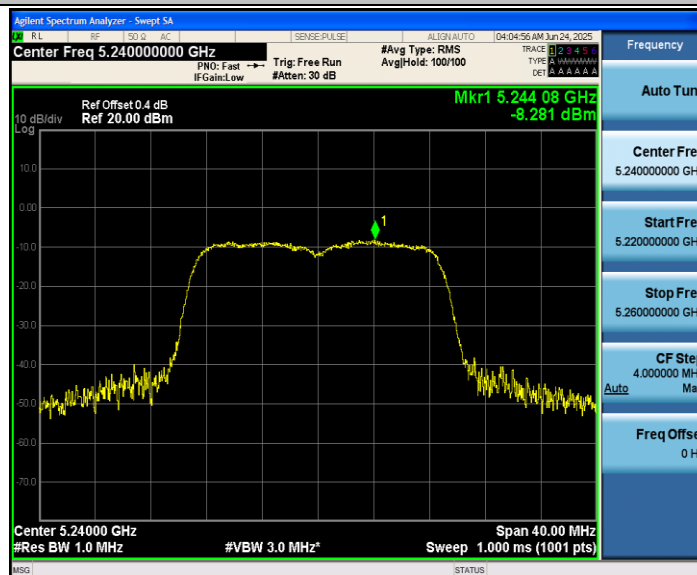
11AC20SISO_Ant1_5180



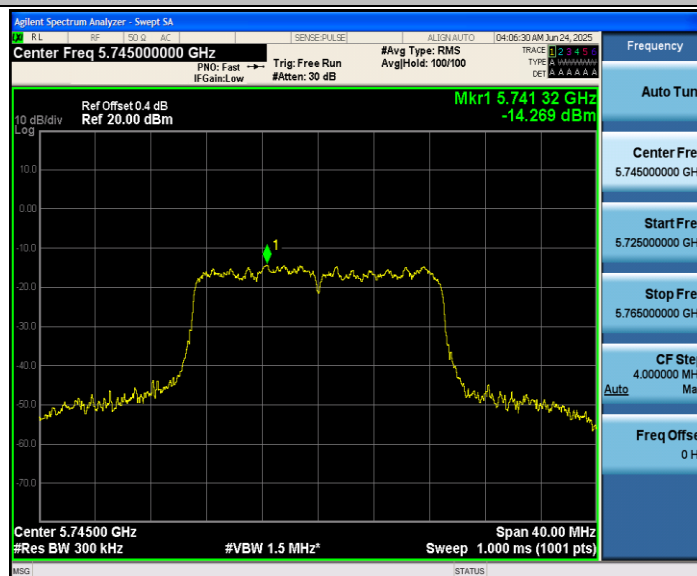
11AC20SISO_Ant1_5220



11AC20SISO_Ant1_5240



11AC20SISO_Ant1_5745



11AC20SISO_Ant1_5785



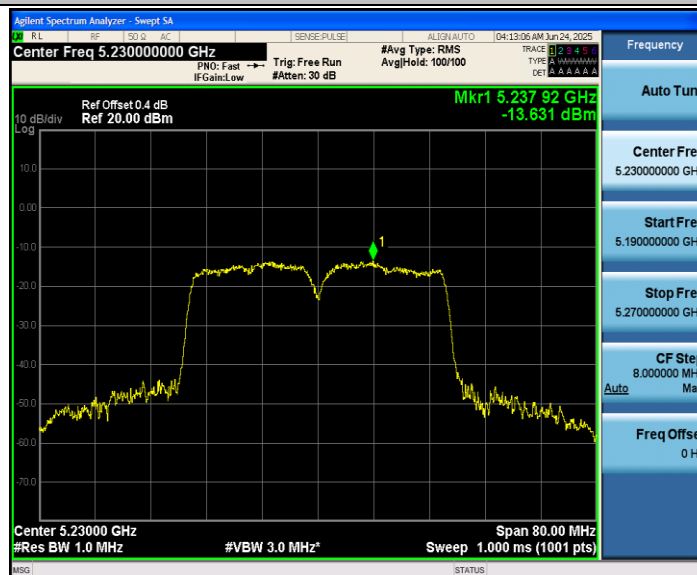
11AC20SISO_Ant1_5825



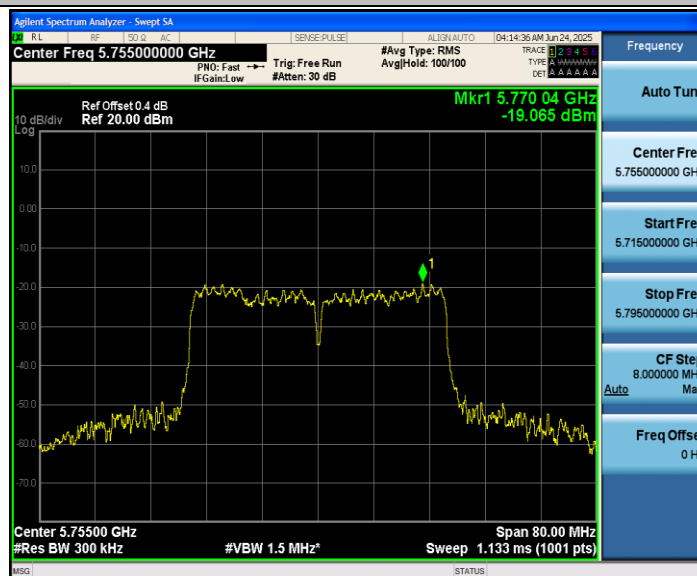
11AC40SISO_Ant1_5190



11AC40SISO_Ant1_5230



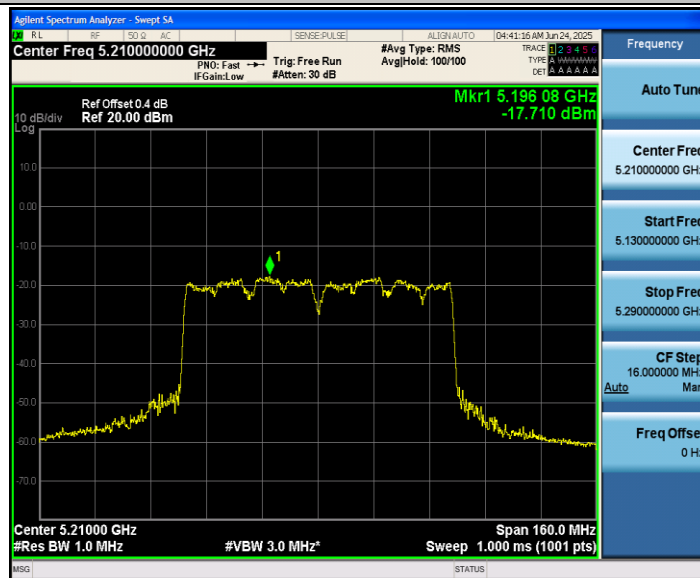
11AC40SISO_Ant1_5755



11AC40SISO_Ant1_5795



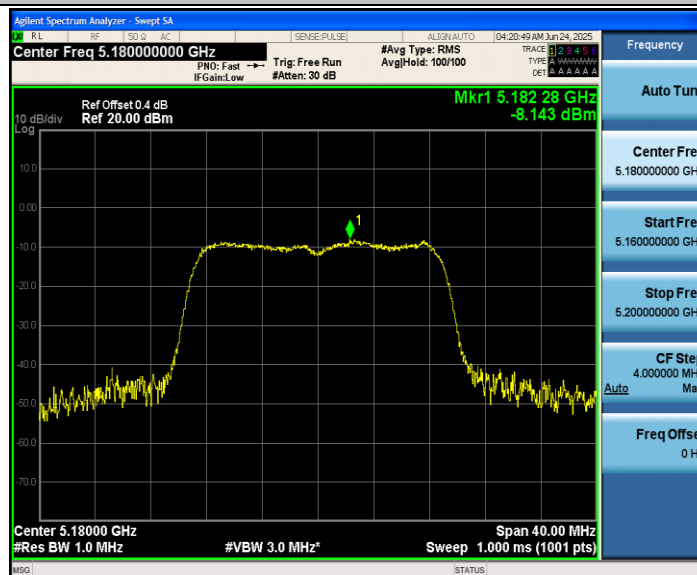
11AC80SISO_Ant1_5210



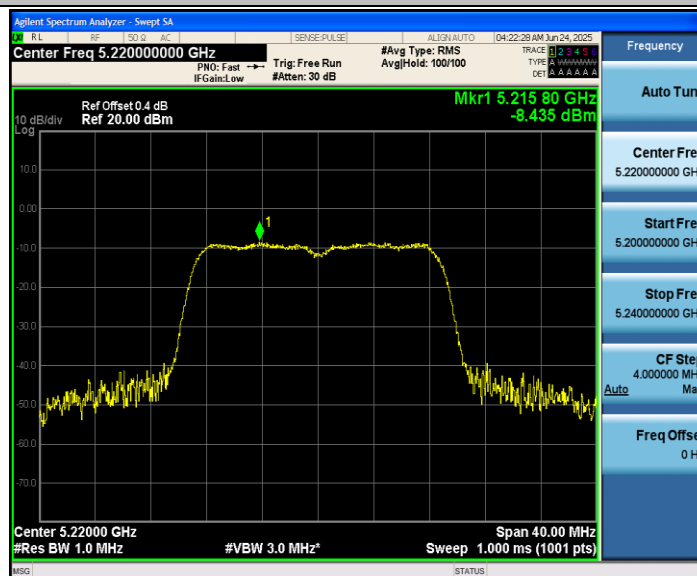
11AC80SISO_Ant1_5775



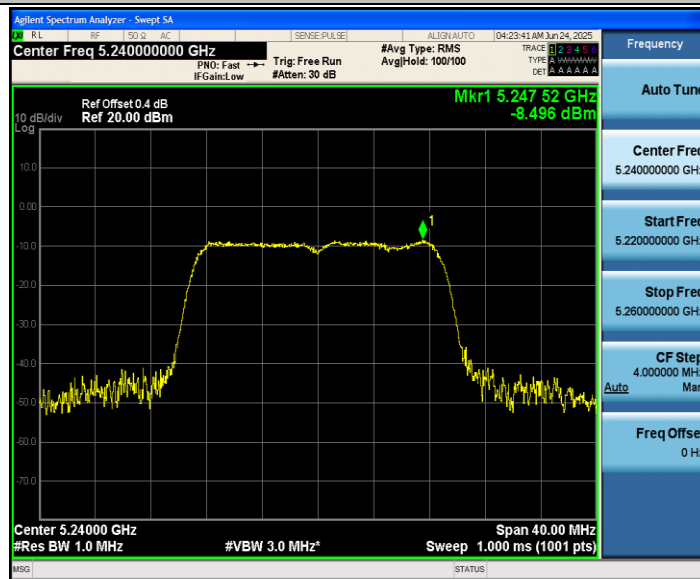
11AX20SISO_Ant1_5180



11AX20SISO_Ant1_5220



11AX20SISO_Ant1_5240



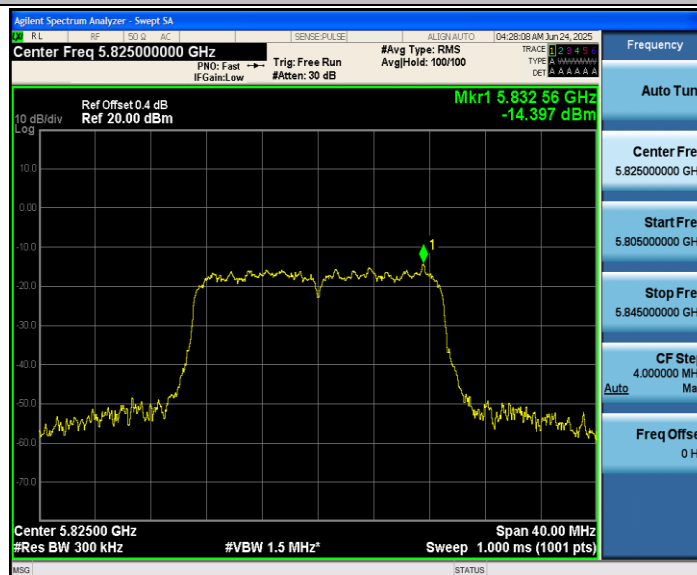
11AX20SISO_Ant1_5745



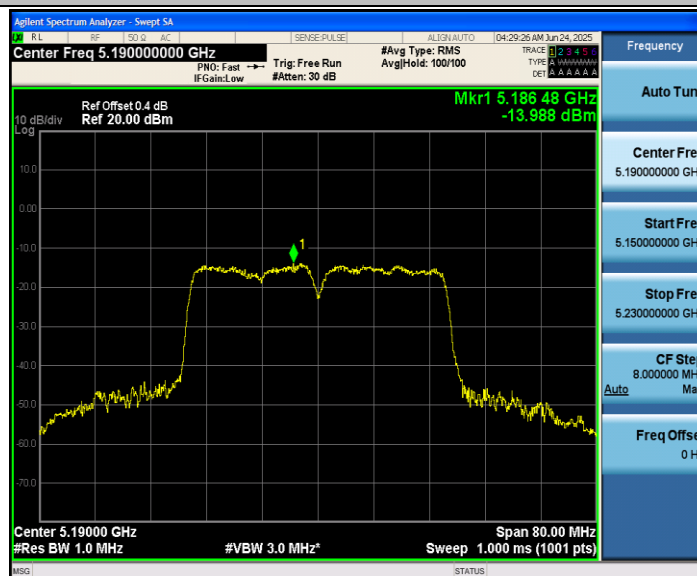
11AX20SISO_Ant1_5785



11AX20SISO_Ant1_5825



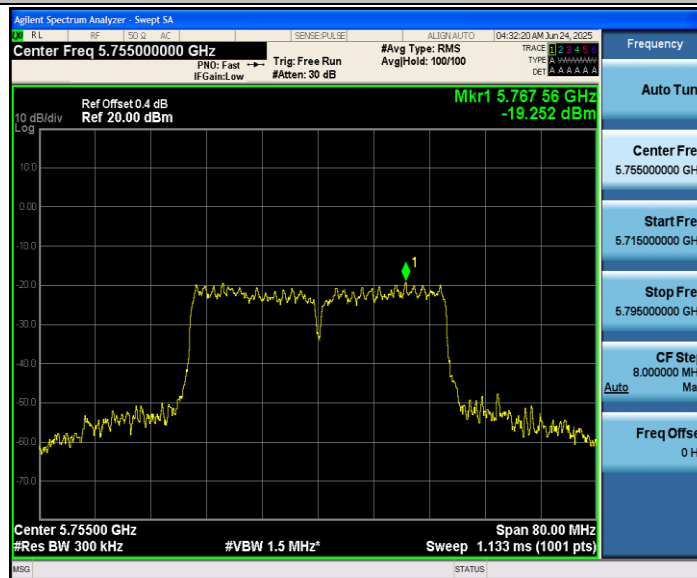
11AX40SISO_Ant1_5190



11AX40SISO_Ant1_5230



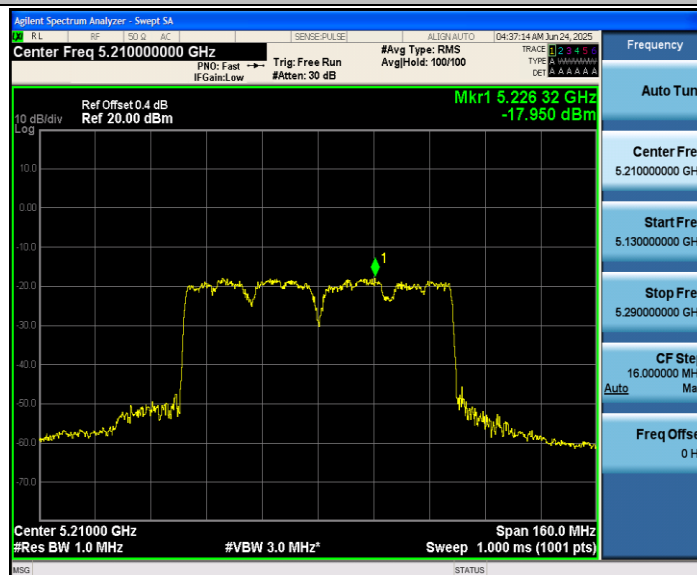
11AX40SISO_Ant1_5755



11AX40SISO_Ant1_5795



11AX80ISO_Ant1_5210



11AX80ISO_Ant1_5775



Appendix RF Test Data for 5GWIFI

FCC ID : 2BVLR-AIC-K156

Company : Shanghai AICSHTER Intelligent Technology Co.,Ltd.

EUT : Rugged Notebook computer

Model Number : AIC-K156

Report No. : CTA25061701003

Reviewed By : Eric Wang

Appendix RF Test Data for 5GWIFI ANT2

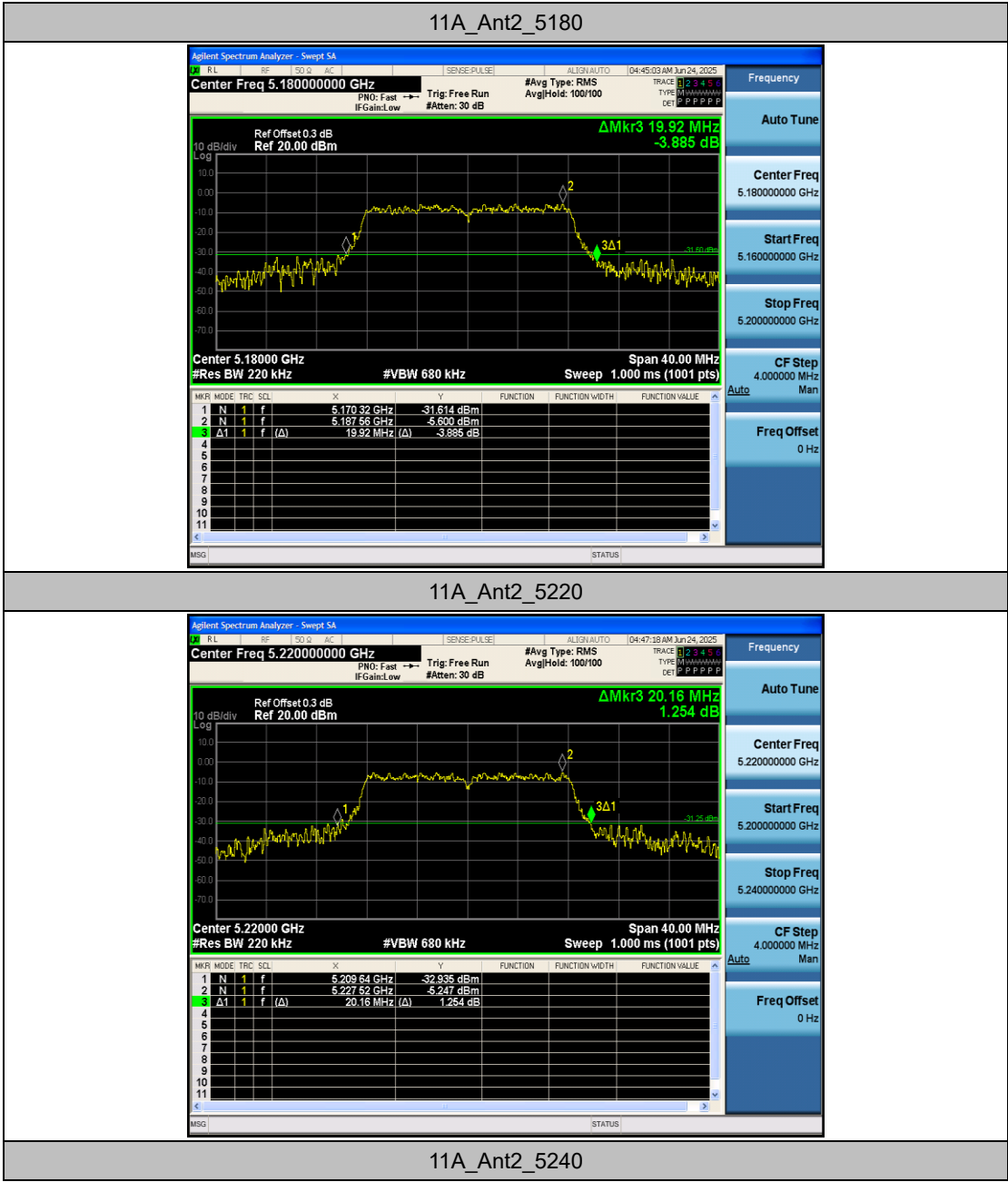
Appendix A1: Emission Bandwidth

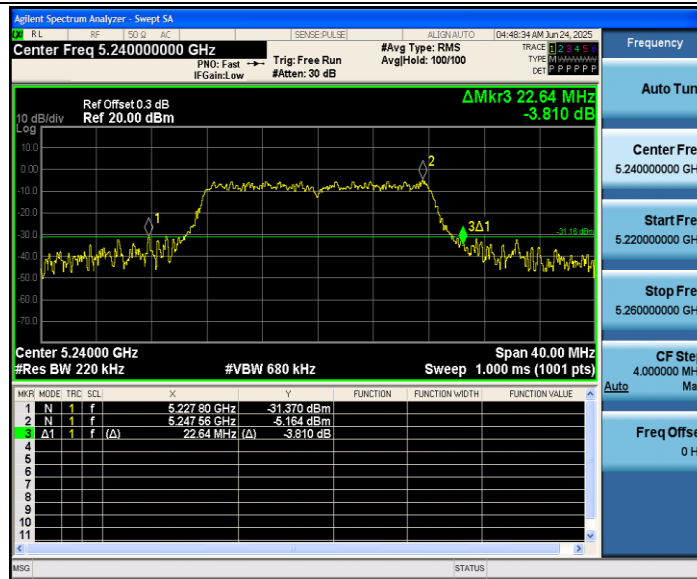
Test Result

TestMode	Antenna	Freq(MHz)	26db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant2	5180	19.920	5170.320	5190.240	---	---
		5220	20.160	5209.640	5229.800	---	---
		5240	22.640	5227.800	5250.440	---	---
		5745	24.800	5733.520	5758.320	---	---
		5785	23.400	5772.320	5795.720	---	---
		5825	19.760	5815.120	5834.880	---	---
11N20SISO	Ant2	5180	25.960	5166.920	5192.880	---	---
		5220	25.040	5207.800	5232.840	---	---
		5240	25.400	5227.360	5252.760	---	---
		5745	23.800	5733.080	5756.880	---	---
		5785	24.800	5772.880	5797.680	---	---
		5825	24.960	5812.760	5837.720	---	---
11N40SISO	Ant2	5190	43.040	5168.800	5211.840	---	---
		5230	48.720	5203.760	5252.480	---	---
		5755	49.680	5727.880	5777.560	---	---
		5795	50.480	5773.080	5823.560	---	---
11AC20SISO	Ant2	5180	21.800	5168.280	5190.080	---	---
		5220	20.400	5210.080	5230.480	---	---
		5240	23.840	5230.000	5253.840	---	---
		5745	25.000	5733.240	5758.240	---	---
		5785	23.520	5772.920	5796.440	---	---
		5825	22.880	5813.760	5836.640	---	---
11AC40SISO	Ant2	5190	41.520	5170.320	5211.840	---	---
		5230	42.880	5209.040	5251.920	---	---
		5755	48.160	5733.640	5781.800	---	---
		5795	52.240	5773.560	5825.800	---	---
11AC80SISO	Ant2	5210	86.880	5167.280	5254.160	---	---
		5775	83.840	5734.040	5817.880	---	---
11AX20SISO	Ant2	5180	20.120	5170.040	5190.160	---	---
		5220	19.720	5210.160	5229.880	---	---
		5240	23.760	5226.600	5250.360	---	---
		5745	23.800	5734.320	5758.120	---	---
		5785	25.080	5772.480	5797.560	---	---
		5825	19.840	5815.120	5834.960	---	---
11AX40SISO	Ant2	5190	42.320	5170.160	5212.480	---	---
		5230	42.080	5209.920	5252.000	---	---

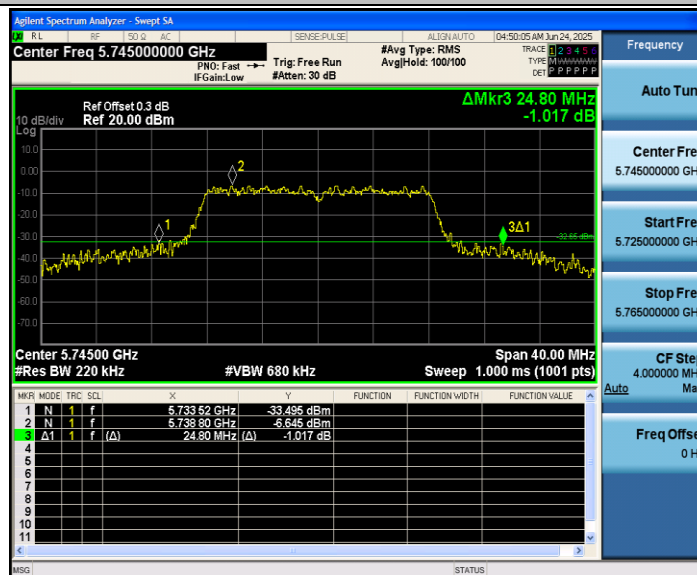
11AX80SISO	Ant2	5755	51.040	5731.880	5782.920	---	---
		5795	49.280	5774.600	5823.880	---	---
		5210	86.400	5167.440	5253.840	---	---
		5775	85.760	5733.400	5819.160	---	---

Test Graphs

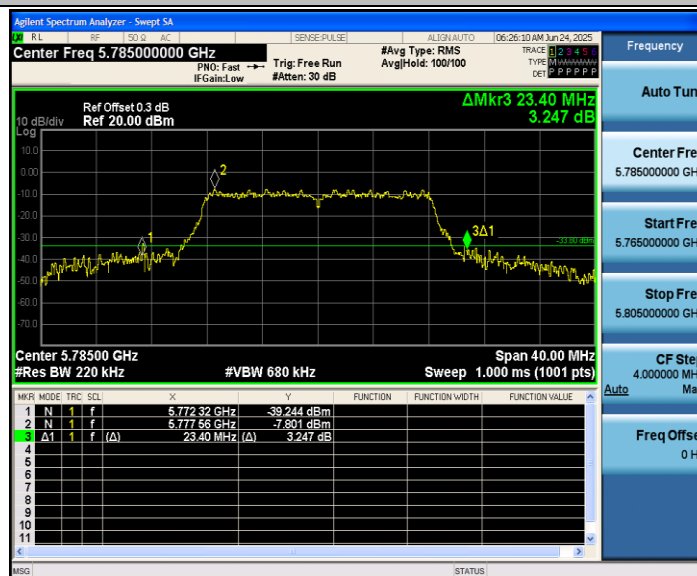




11A_Ant2_5745



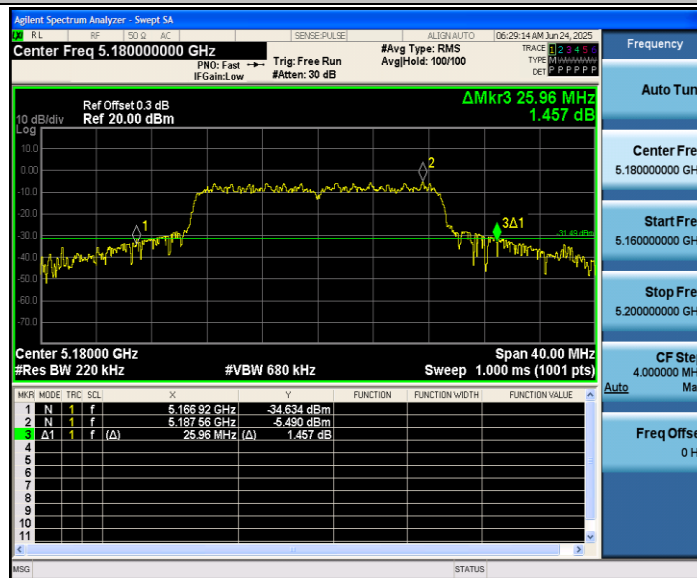
11A_Ant2_5785



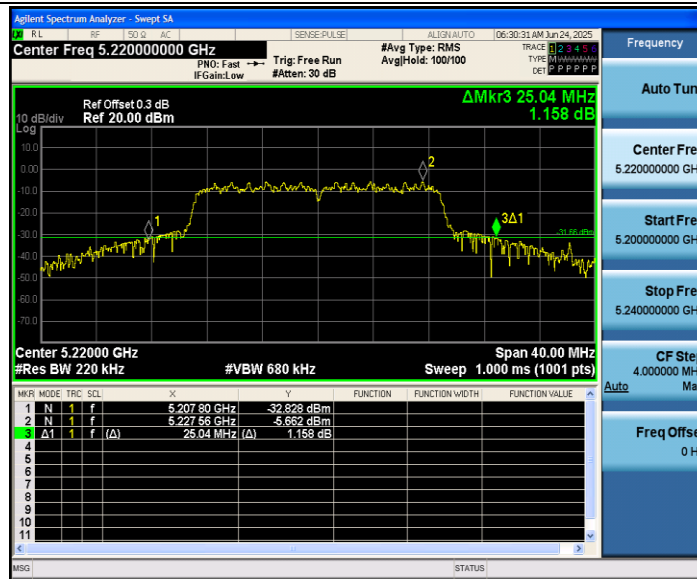
11A_Ant2_5825



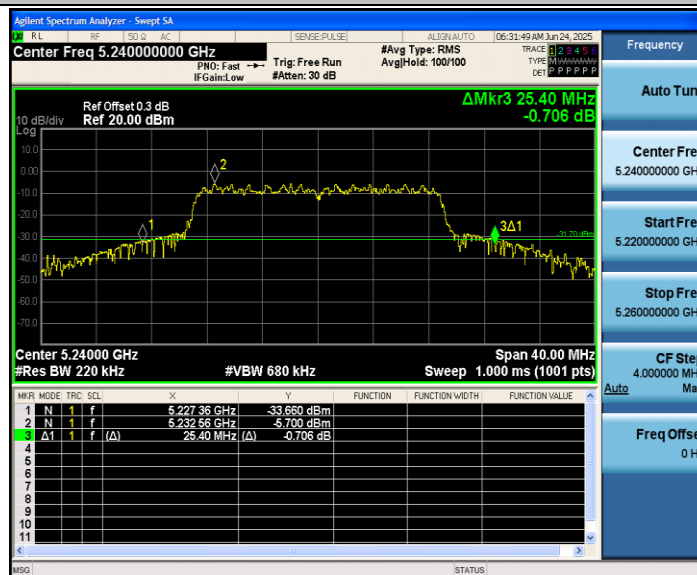
11N20SISO_Ant2_5180



11N20SISO_Ant2_5220



11N20SISO_Ant2_5240



11N20SISO_Ant2_5745

