

Case No. : <u>GTS20251122004-3-13</u>
Ambient Condition: <u>23</u> °C, <u>50</u> %RH
According Standard: <u>■Part15E</u>
Test Date: <u>2025.12.15-2026.04.02</u> Test Engineer: <u>Evan ouyang</u>

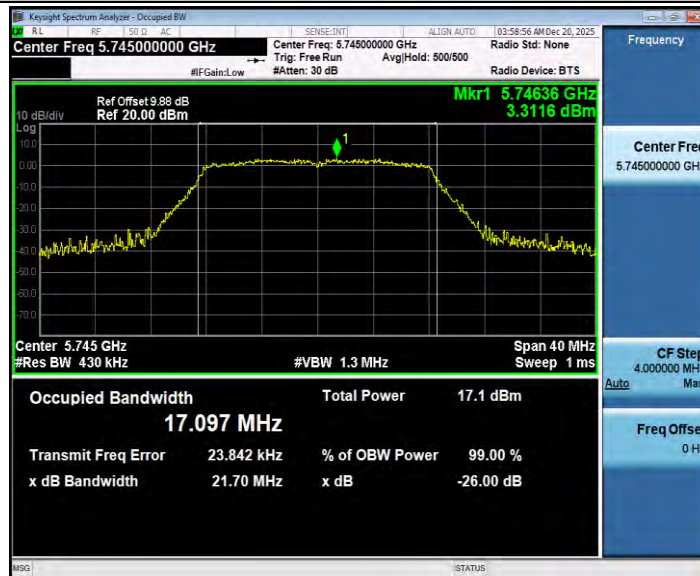
Appendix G.1: Occupied channel bandwidth

Test Result

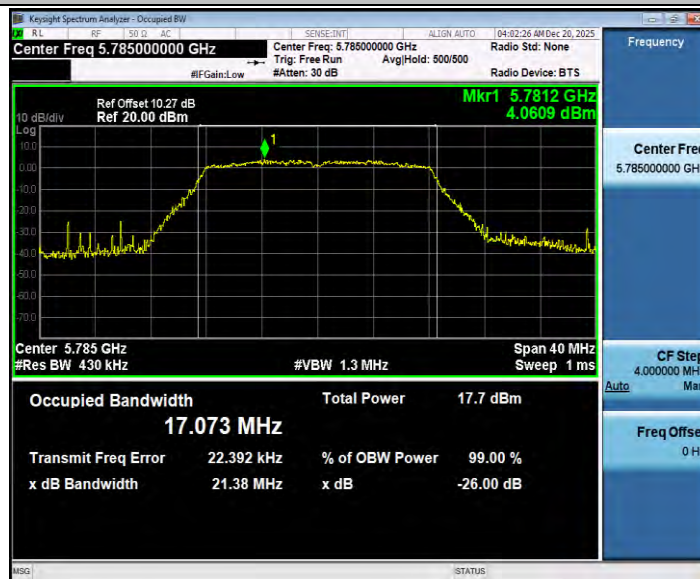
TestMode	Antenna	Freq(MHz)	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant0	5745	17.097	5736.4753	5753.5723	---	---
		5785	17.073	5776.4859	5793.5589	---	---
		5825	17.093	5816.4930	5833.5860	---	---
11N20SISO	Ant0	5745	17.906	5736.0626	5753.9686	---	---
		5785	17.934	5776.0638	5793.9978	---	---
		5825	17.905	5816.0632	5833.9682	---	---
11N40SISO	Ant0	5755	35.748	5737.1737	5772.9217	---	---
		5795	35.807	5777.1321	5812.9391	---	---
11AC20SISO	Ant0	5745	17.497	5736.2605	5753.7575	---	---
		5785	17.512	5776.2527	5793.7647	---	---
		5825	17.484	5816.2608	5833.7448	---	---
11AC40SISO	Ant0	5755	35.657	5737.2281	5772.8851	---	---
		5795	35.656	5777.2276	5812.8836	---	---
11AC80SISO	Ant0	5775	75.276	5737.5107	5812.7867	---	---
11AX20SISO	Ant0	5745	18.740	5735.6298	5754.3698	---	---
		5785	18.723	5775.6534	5794.3764	---	---
		5825	18.805	5815.6310	5834.4360	---	---
11AX40SISO	Ant0	5755	36.677	5736.7560	5773.4330	---	---
		5795	36.782	5776.6928	5813.4748	---	---
11AX80SISO	Ant0	5775	77.967	5736.2066	5814.1736	---	---

Test Graphs

11A_Ant0_5745



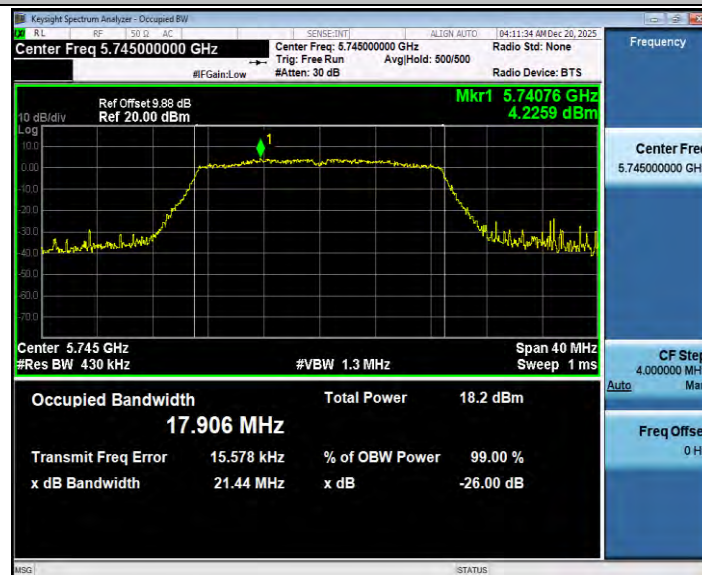
11A_Ant0_5785



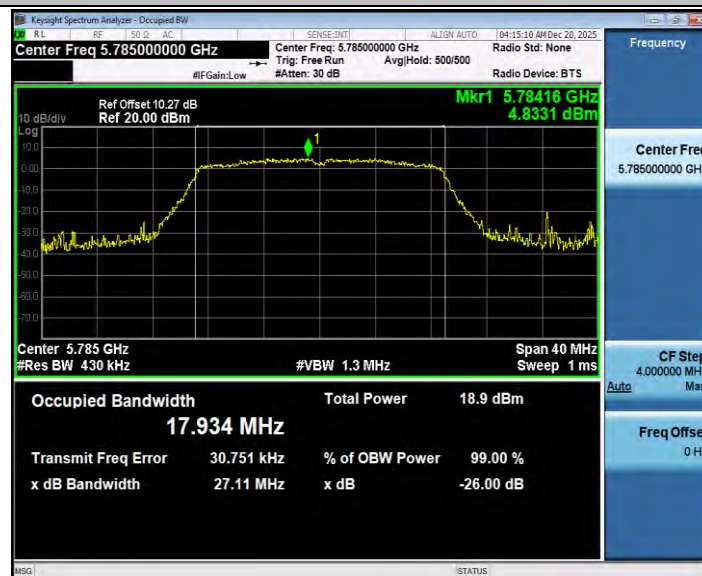
11A_Ant0_5825



11N20SISO_Ant0_5745



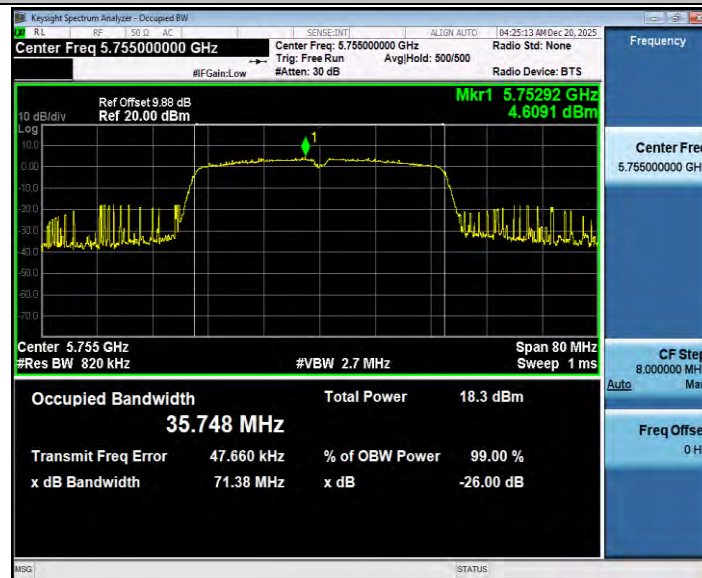
11N20SISO_Ant0_5785



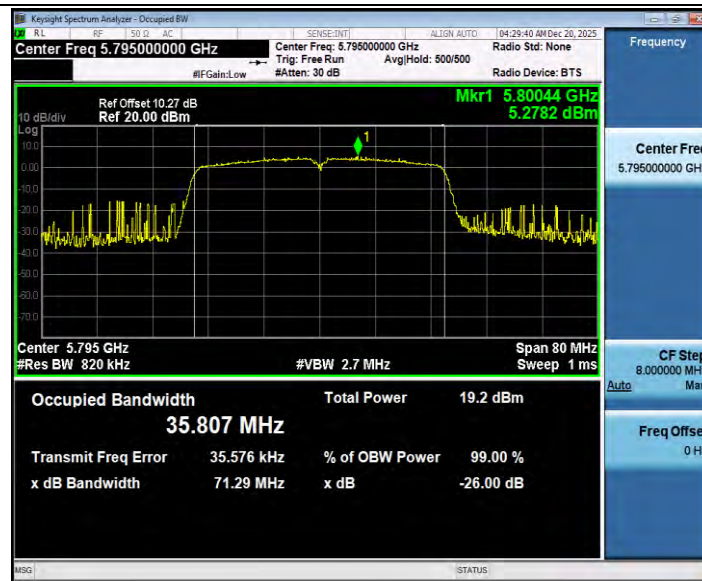
11N20SISO_Ant0_5825



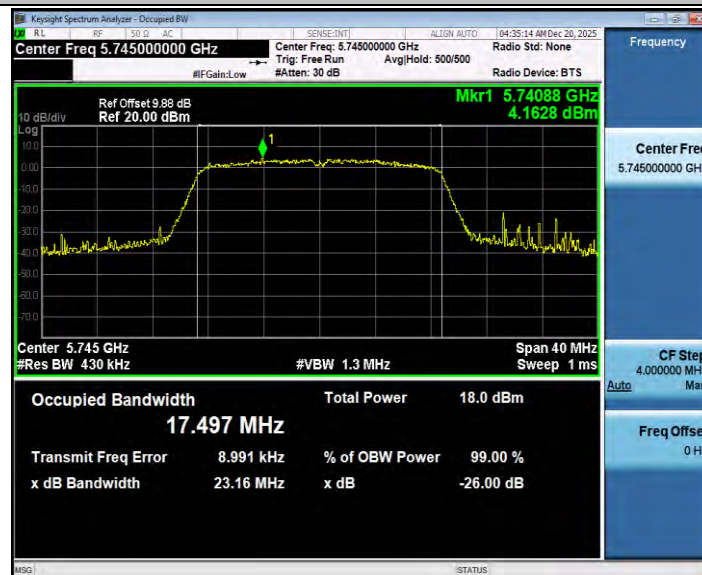
11N40SISO_Ant0_5755



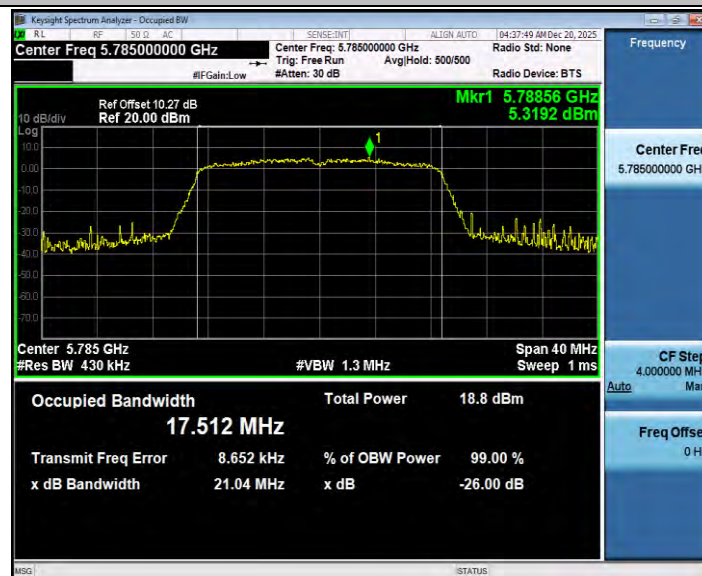
11N40SISO_Ant0_5795



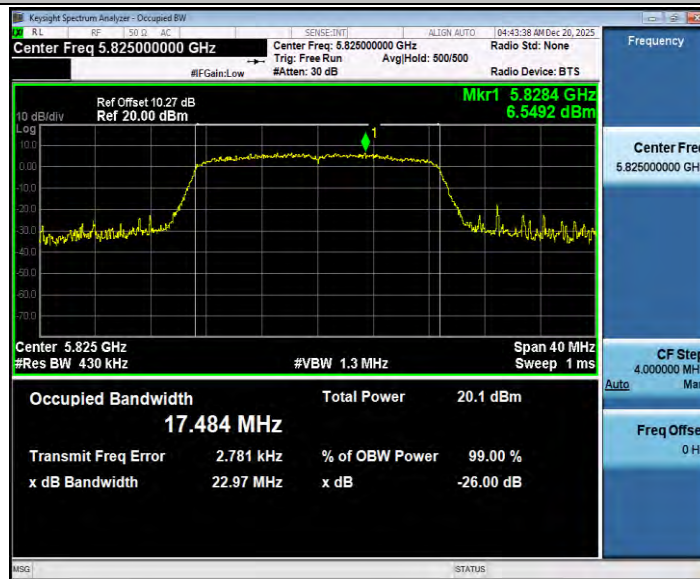
11AC20SISO_Ant0_5745



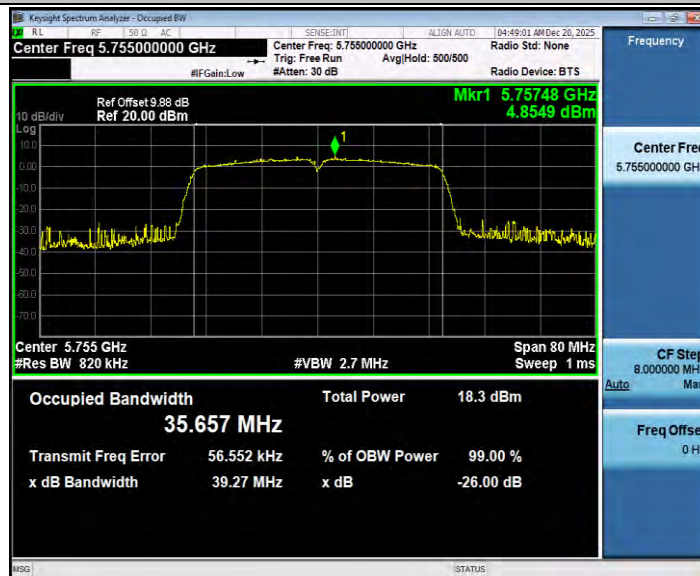
11AC20SISO_Ant0_5785



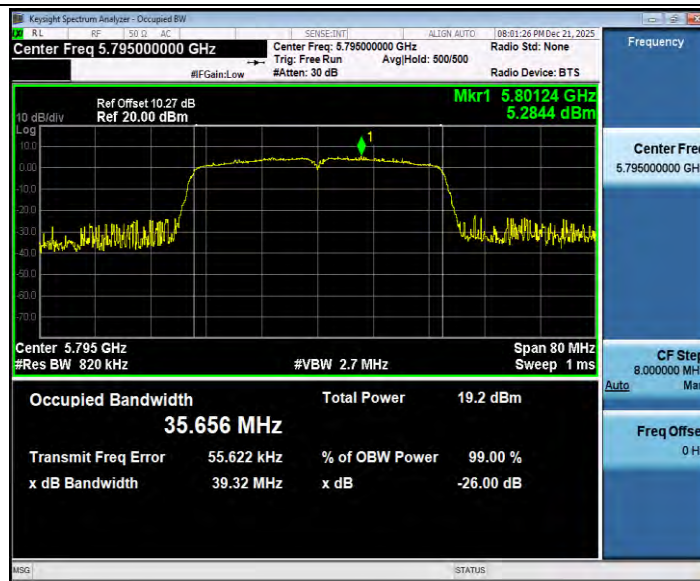
11AC20SISO_Ant0_5825



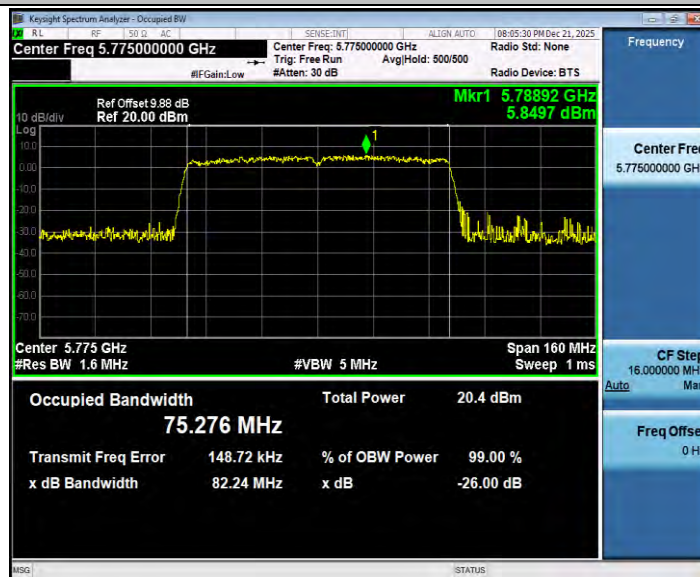
11AC40SISO_Ant0_5755



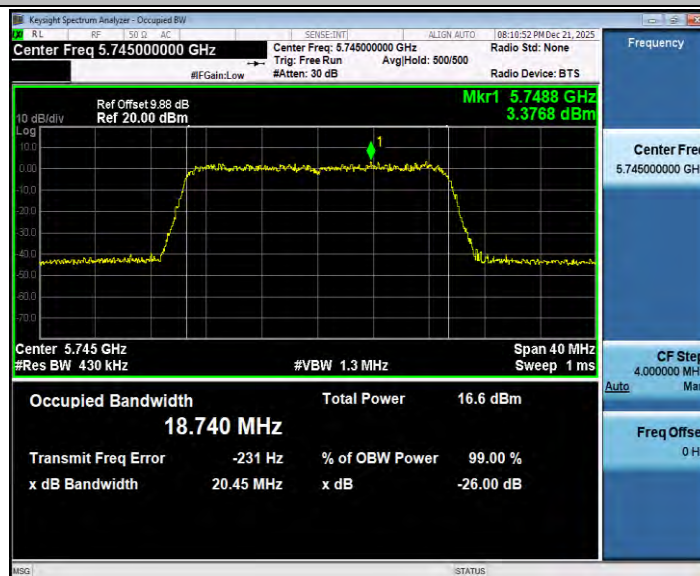
11AC40SISO_Ant0_5795



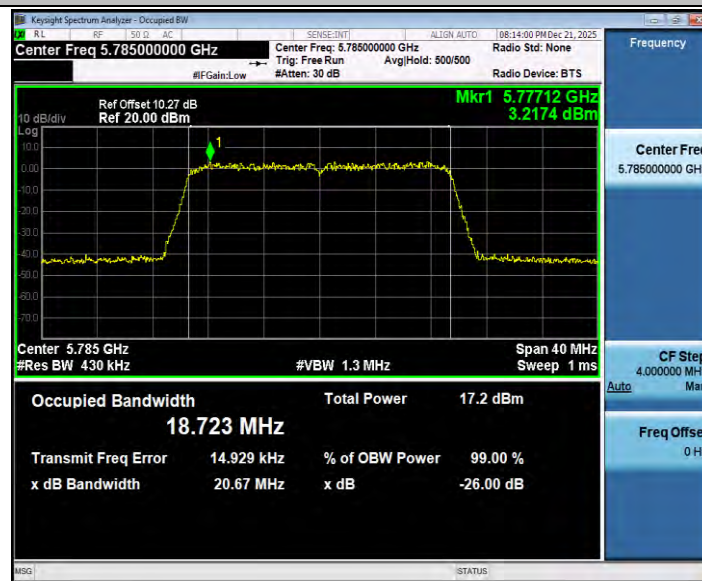
11AC80SISO_Ant0_5775



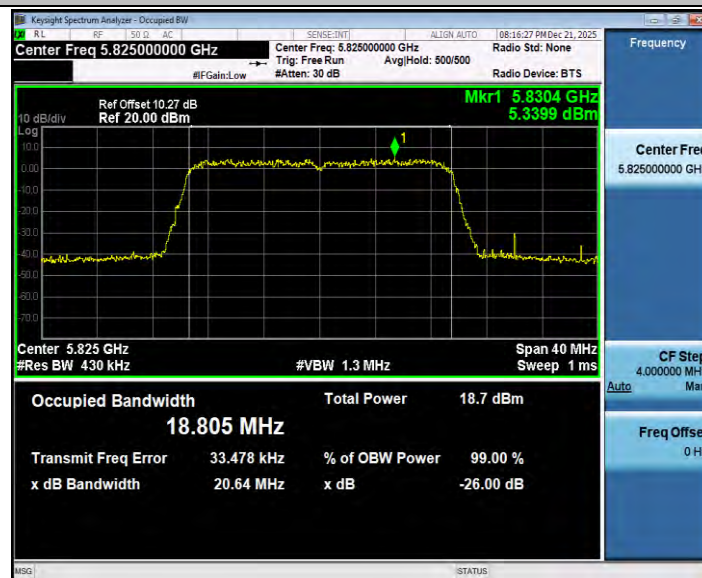
11AX20SISO_Ant0_5745



11AX20SISO_Ant0_5785



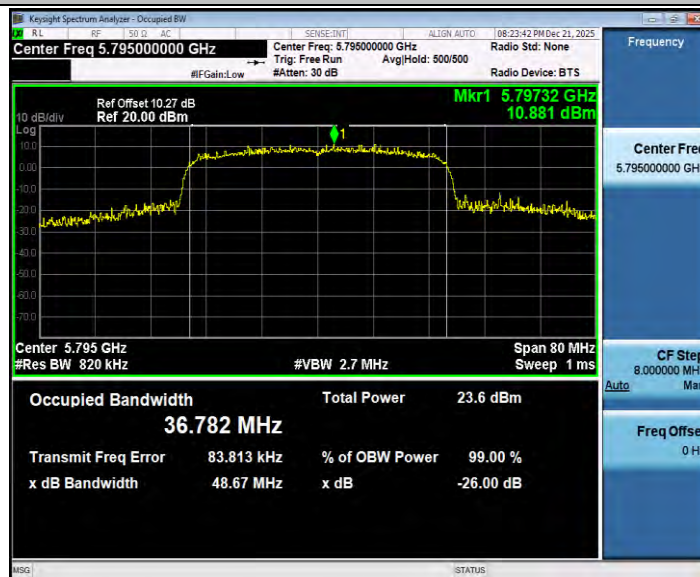
11AX20SISO_Ant0_5825



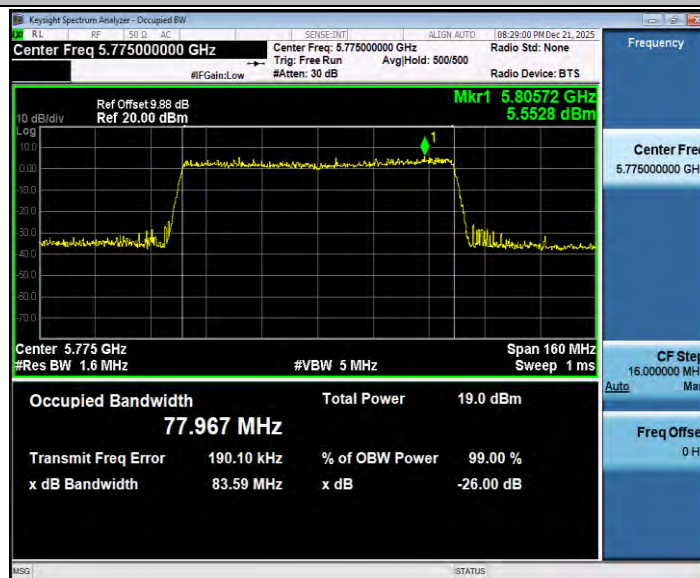
11AX40SISO_Ant0_5755



11AX40ISO_Ant0_5795



11AX80ISO_Ant0_5775



Appendix G.2: Min emission bandwidth

Test Result B4

TestMode	Antenna	Freq(MHz)	6db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant0	5745	16.000	5736.880	5752.880	0.5	PASS
		5785	15.760	5777.120	5792.880	0.5	PASS
		5825	15.800	5817.120	5832.920	0.5	PASS
11N20SISO	Ant0	5745	15.320	5737.160	5752.480	0.5	PASS
		5785	15.080	5777.440	5792.520	0.5	PASS
		5825	15.120	5817.440	5832.560	0.5	PASS
11N40SISO	Ant0	5755	35.040	5737.480	5772.520	0.5	PASS
		5795	35.040	5777.560	5812.600	0.5	PASS
11AC20SISO	Ant0	5745	15.240	5737.400	5752.640	0.5	PASS
		5785	15.440	5777.160	5792.600	0.5	PASS
		5825	15.800	5817.120	5832.920	0.5	PASS
11AC40SISO	Ant0	5755	33.920	5738.680	5772.600	0.5	PASS
		5795	35.120	5777.400	5812.520	0.5	PASS
11AC80SISO	Ant0	5775	75.200	5737.400	5812.600	0.5	PASS
11AX20SISO	Ant0	5745	18.240	5735.920	5754.160	0.5	PASS
		5785	18.280	5775.920	5794.200	0.5	PASS
		5825	18.320	5815.920	5834.240	0.5	PASS
11AX40SISO	Ant0	5755	35.120	5737.480	5772.600	0.5	PASS
		5795	35.200	5777.400	5812.600	0.5	PASS
11AX80SISO	Ant0	5775	77.920	5736.120	5814.040	0.5	PASS

Test Graphs B4

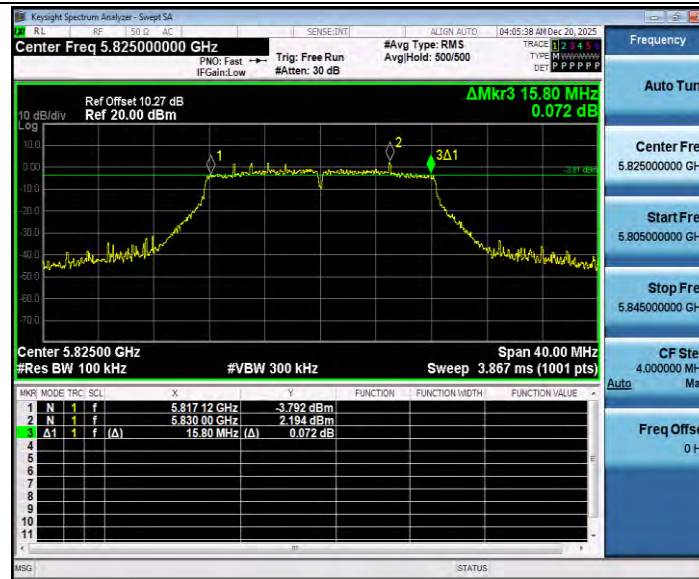
11A_Ant0_5745



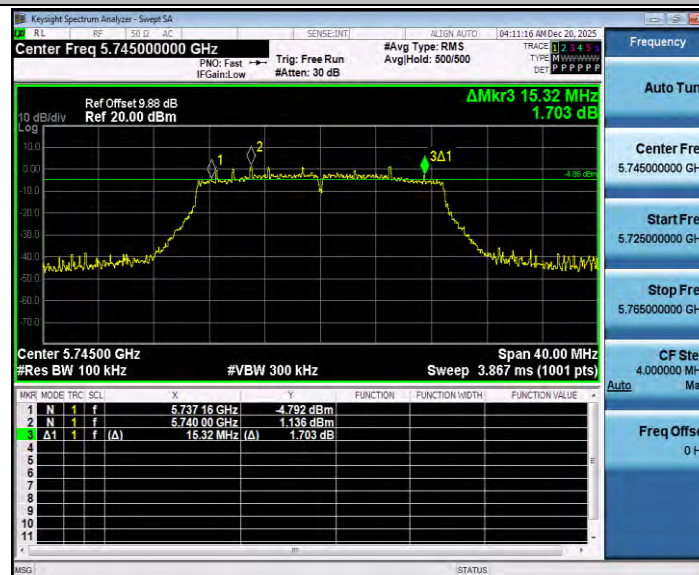
11A_Ant0_5785



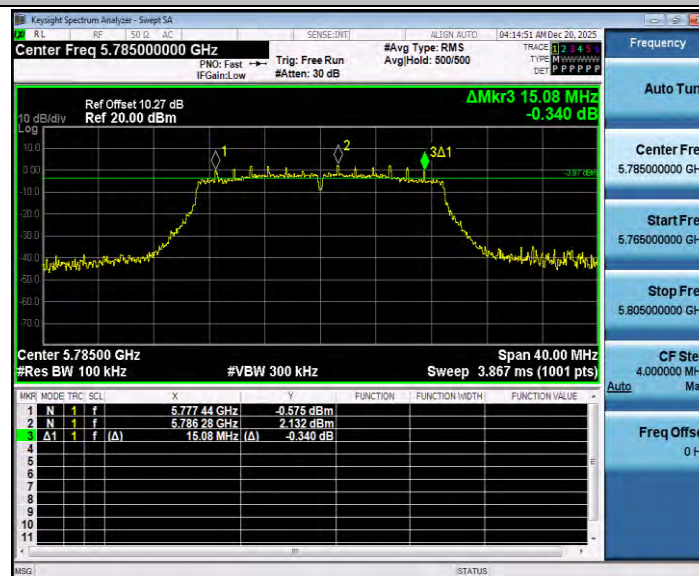
11A_Ant0_5825



11N20SISO_Ant0_5745



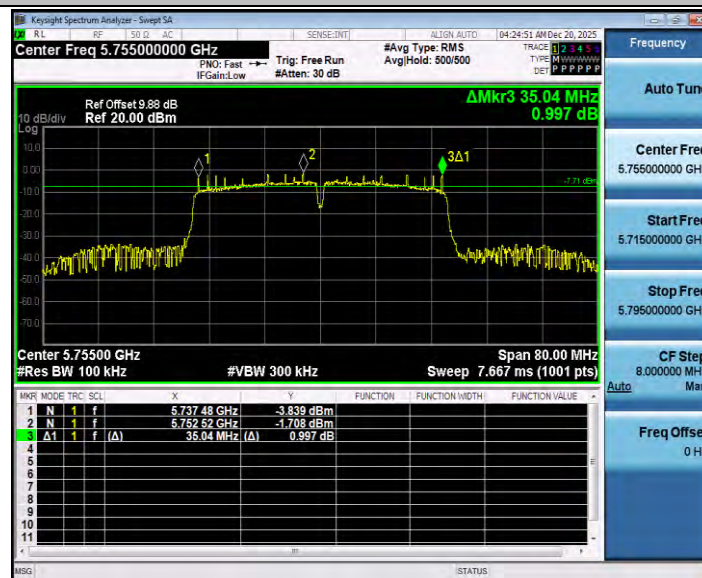
11N20SISO_Ant0_5785



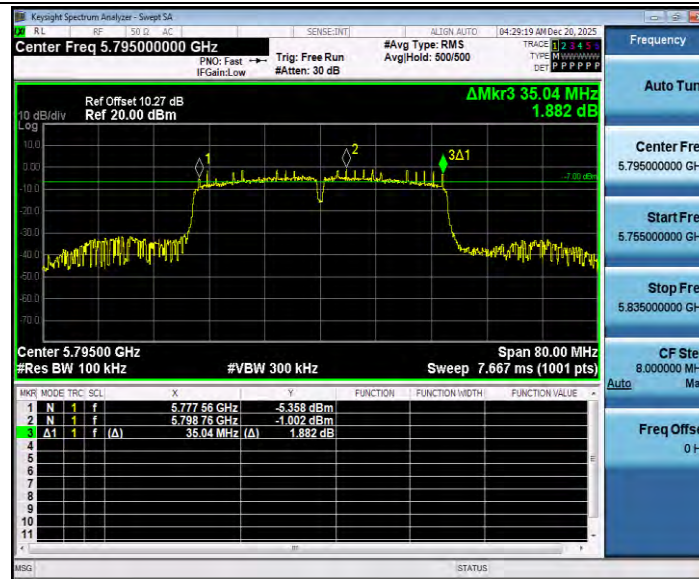
11N20SISO_Ant0_5825



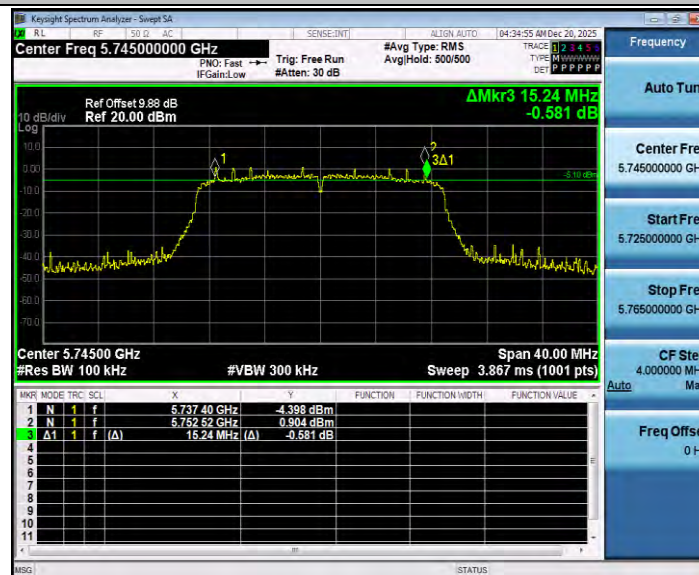
11N40SISO_Ant0_5755



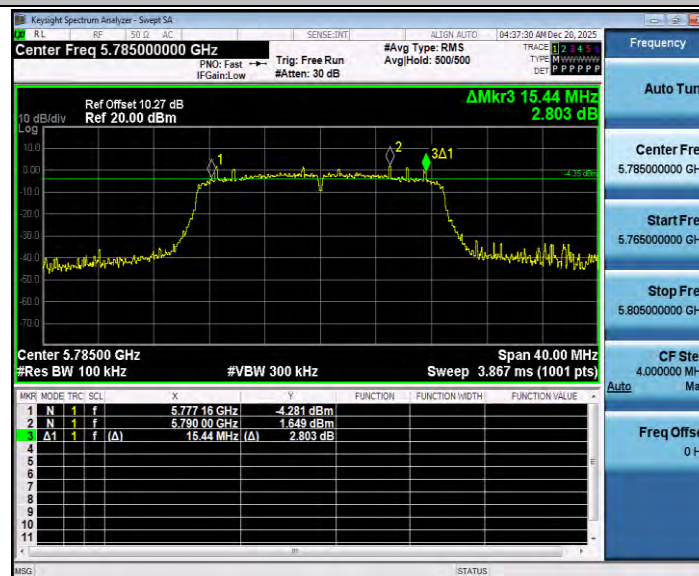
11N40SISO_Ant0_5795



11AC20SISO_Ant0_5745



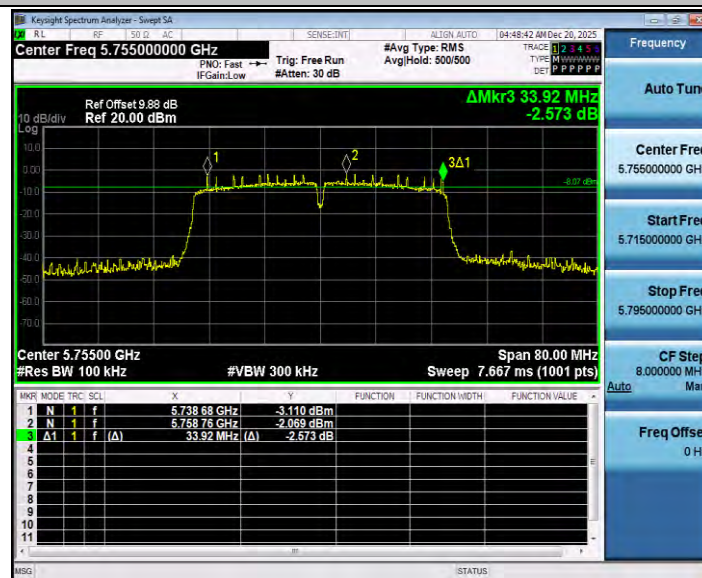
11AC20SISO_Ant0_5785



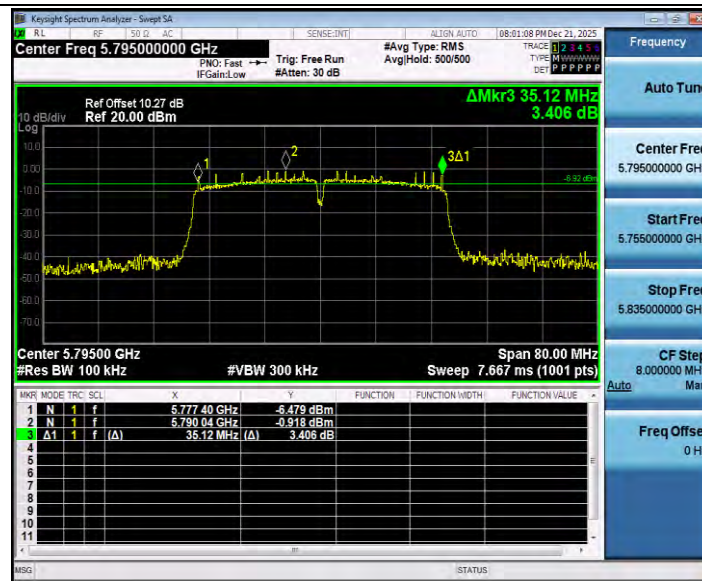
11AC20SISO_Ant0_5825



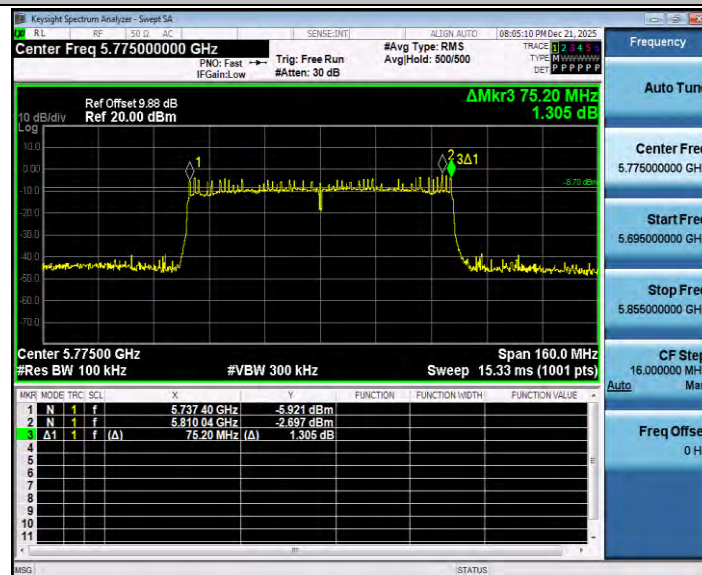
11AC40SISO_Ant0_5755



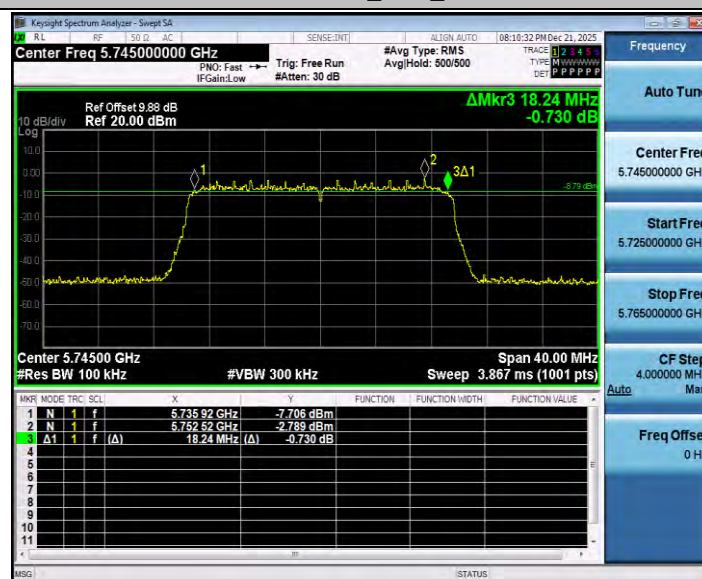
11AC40SISO_Ant0_5795



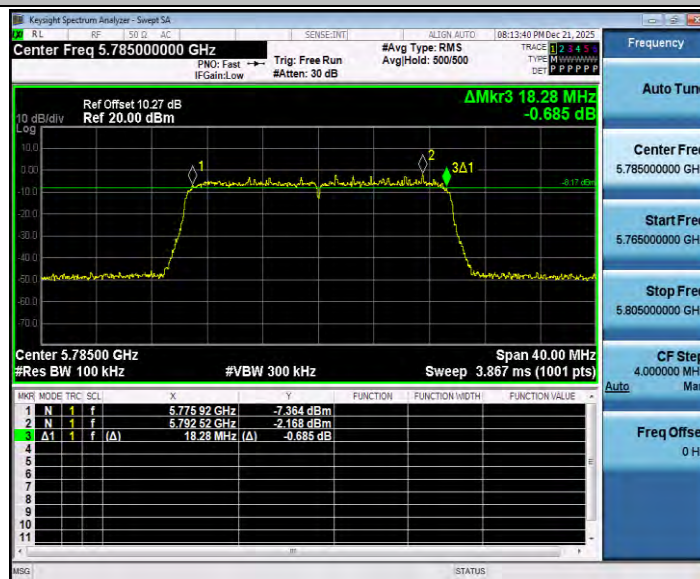
11AC80ISO_Ant0_5775



11AX20ISO_Ant0_5745



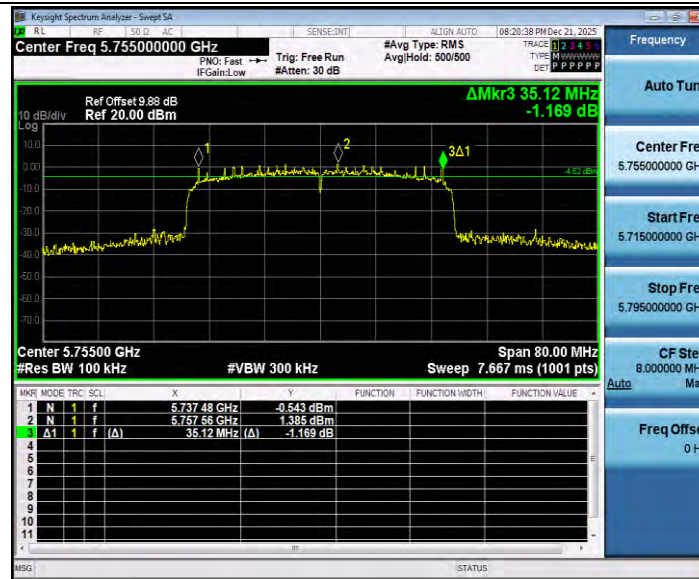
11AX20SISO_Ant0_5785



11AX20SISO_Ant0_5825



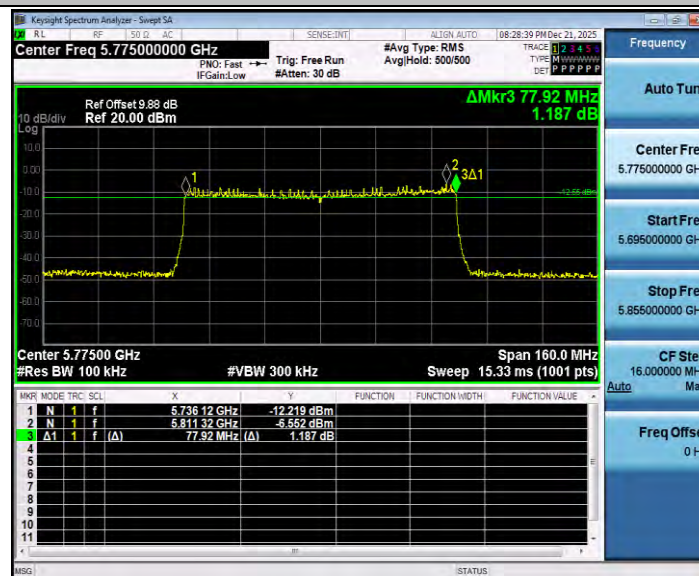
11AX40SISO_Ant0_5755



11AX40ISO_Ant0_5795



11AX80ISO_Ant0_5775

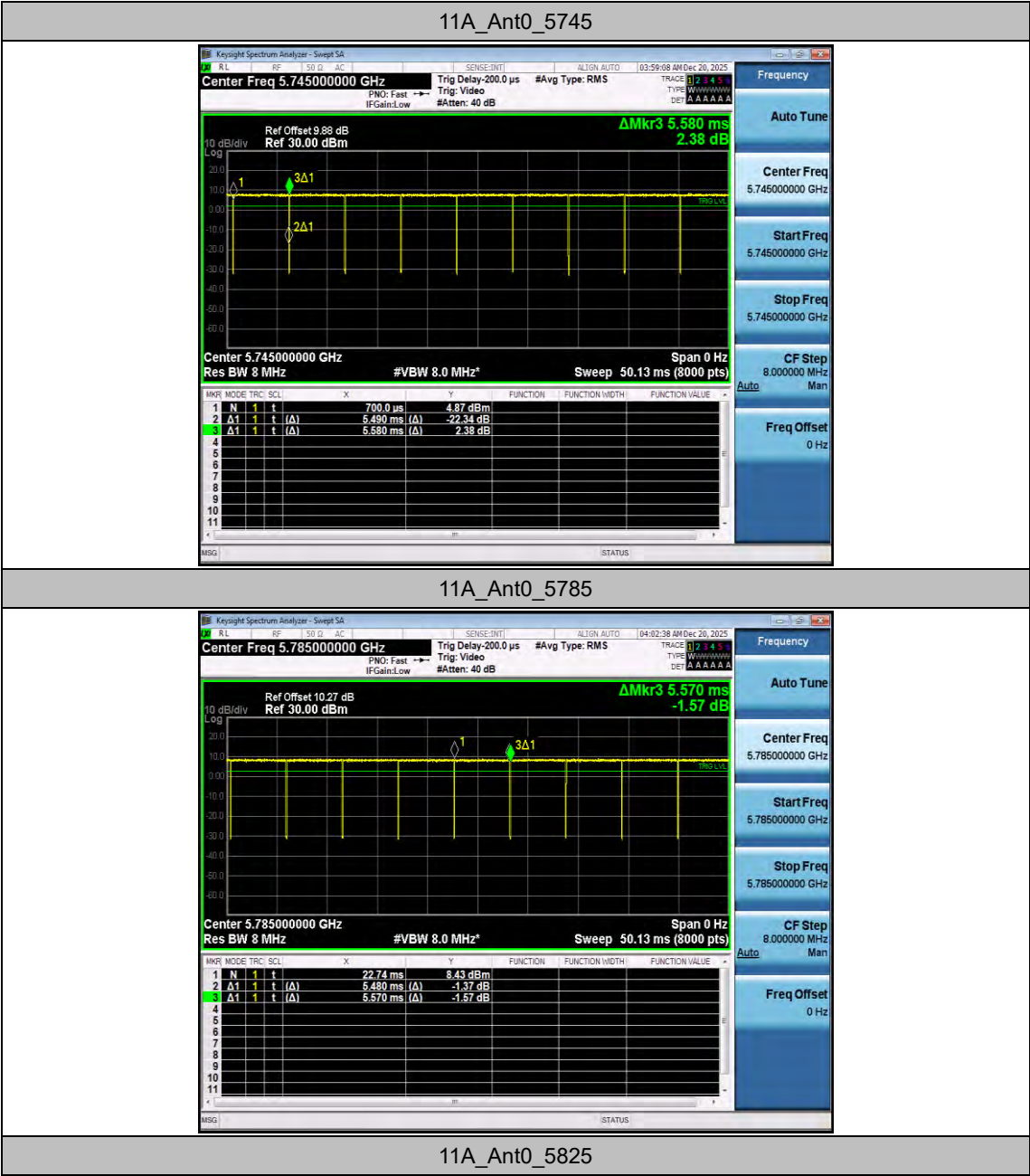


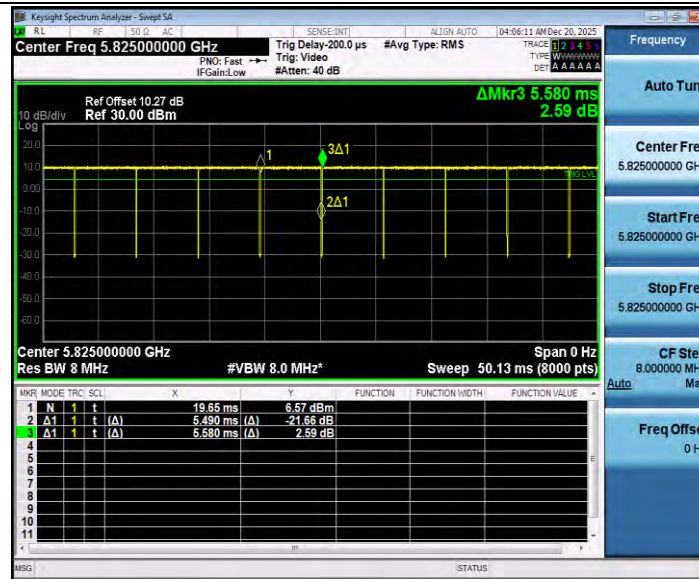
AppendixG.3: Duty Cycle

Test Result

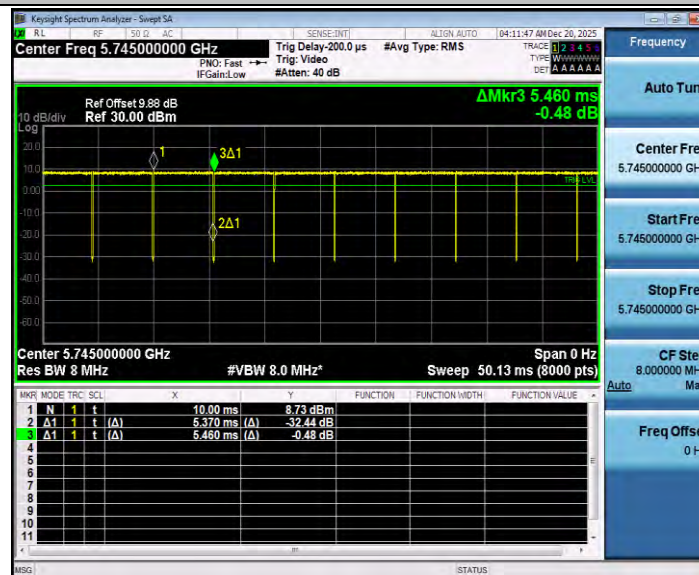
TestMode	Antenna	Freq(MHz)	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	Duty Cycle Factor[dB]	1/T Factor[KHz]
11A	Ant0	5745	5.49	5.58	98.39	0.07	0.18
		5785	5.48	5.57	98.38	0.07	0.18
		5825	5.49	5.58	98.39	0.07	0.18
11N20SISO	Ant0	5745	5.37	5.46	98.35	0.07	0.19
		5785	5.37	5.47	98.17	0.08	0.19
		5825	5.37	5.46	98.35	0.07	0.19
11N40SISO	Ant0	5755	5.15	5.25	98.10	0.08	0.19
		5795	5.15	5.25	98.10	0.08	0.19
11AC20SISO	Ant0	5745	5.37	5.47	98.17	0.08	0.19
		5785	1.31	1.34	97.76	0.10	0.76
		5825	5.38	5.47	98.35	0.07	0.19
11AC40SISO	Ant0	5755	5.16	5.26	98.10	0.08	0.19
		5795	5.15	5.25	98.10	0.08	0.19
11AC80SISO	Ant0	5775	4.75	4.84	98.14	0.08	0.21
11AX20SISO	Ant0	5745	4.64	4.74	97.89	0.09	0.22
		5785	4.64	4.73	98.10	0.08	0.22
		5825	4.65	4.74	98.10	0.08	0.22
11AX40SISO	Ant0	5755	4.63	4.73	97.89	0.09	0.22
		5795	4.63	4.72	98.09	0.08	0.22
11AX80SISO	Ant0	5775	4.42	4.51	98.00	0.09	0.23

Test Graphs

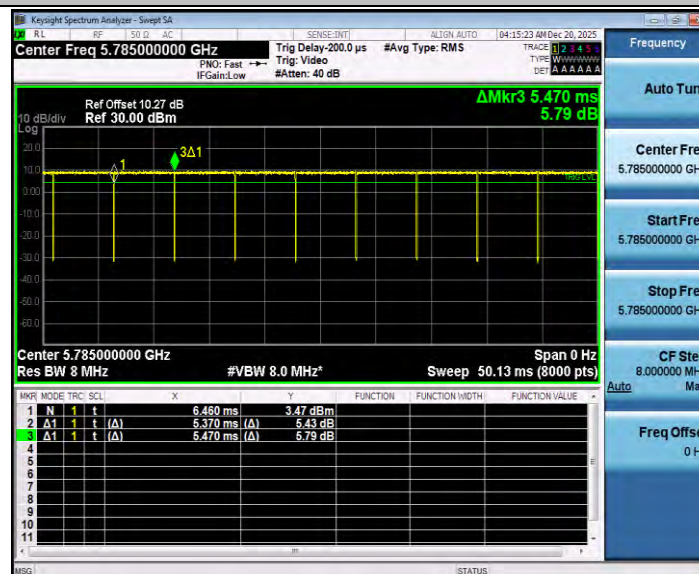




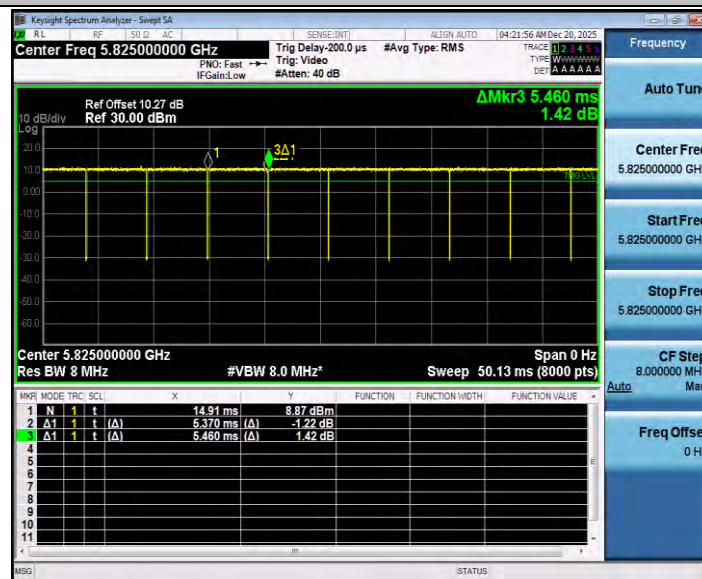
11N20SISO_Ant0_5745



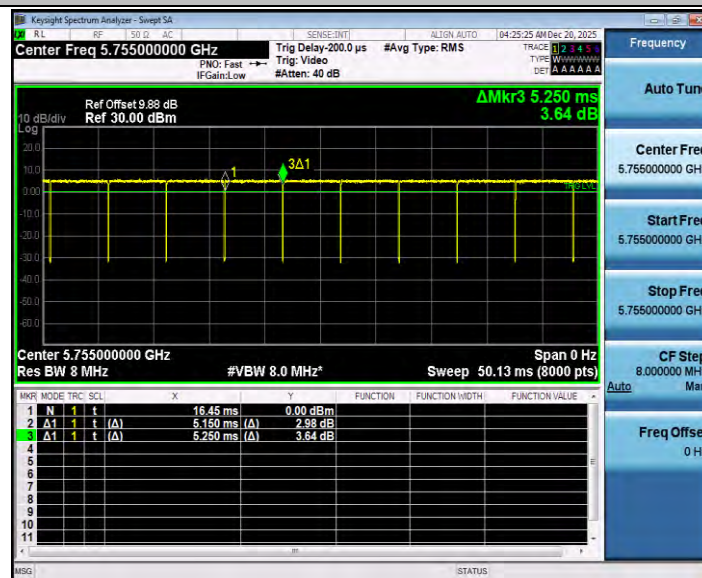
11N20SISO_Ant0_5785



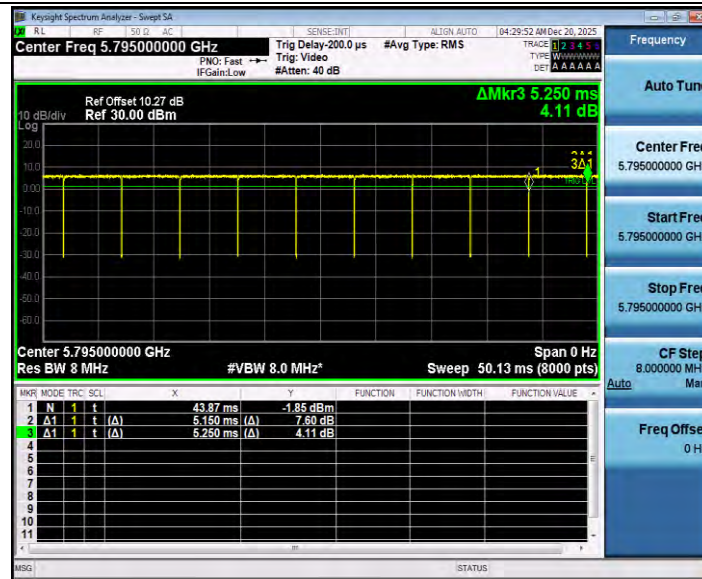
11N20SISO_Ant0_5825



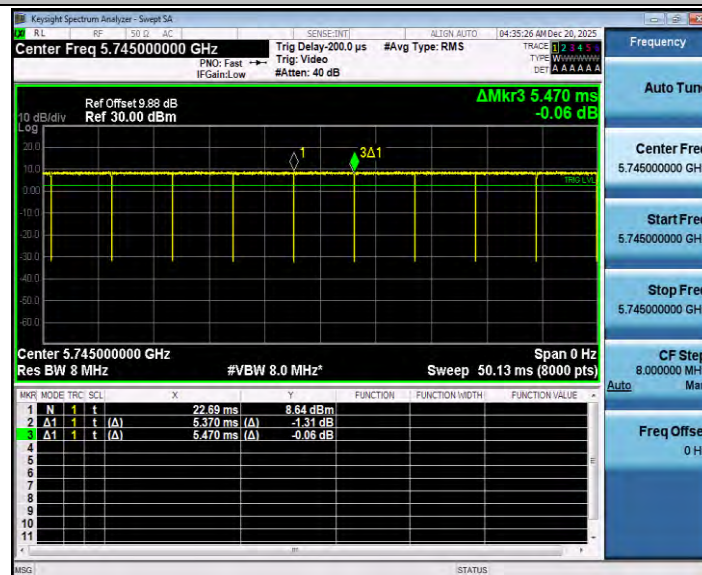
11N40SISO_Ant0_5755



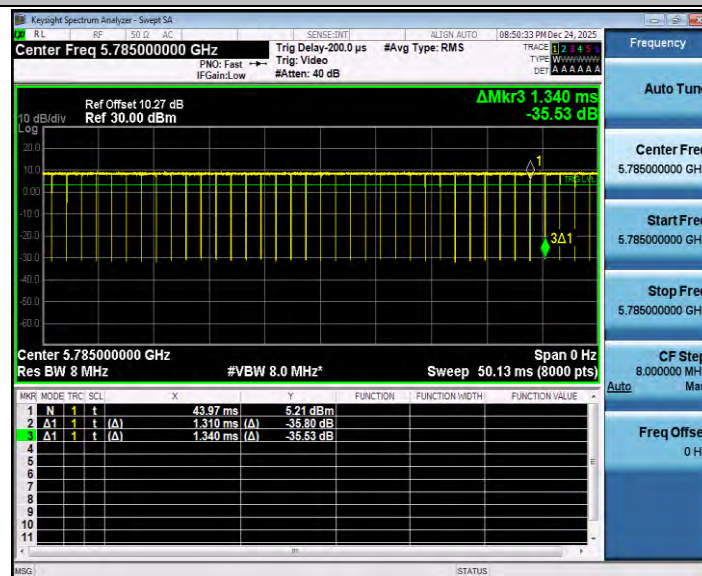
11N40SISO_Ant0_5795



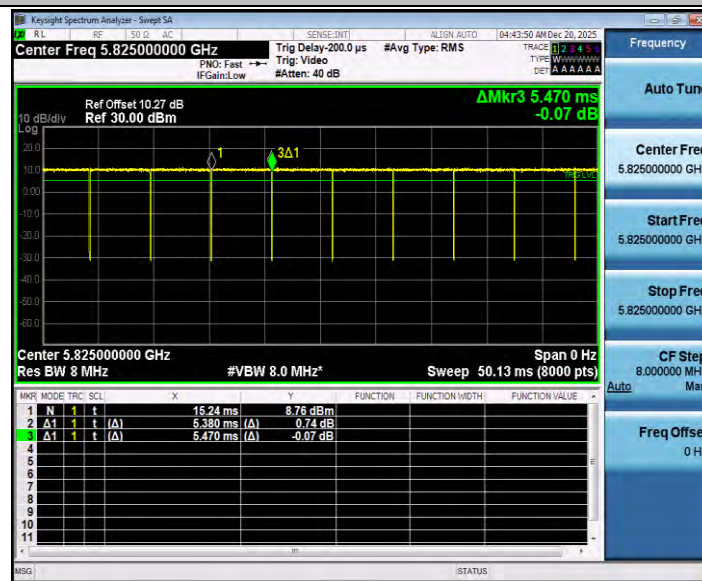
11AC20SISO_Ant0_5745



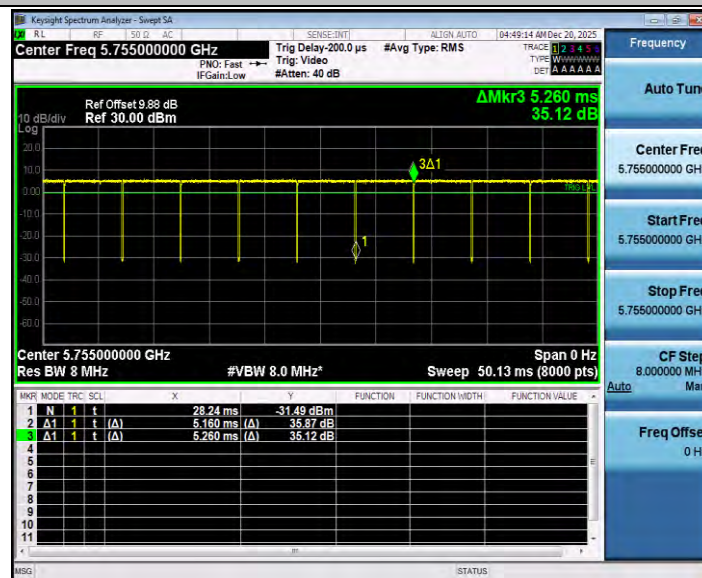
11AC20SISO_Ant0_5785



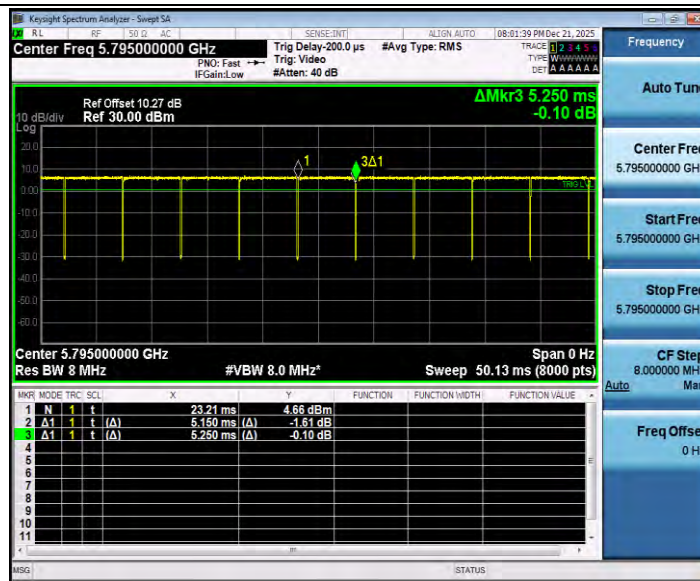
11AC20SISO_Ant0_5825



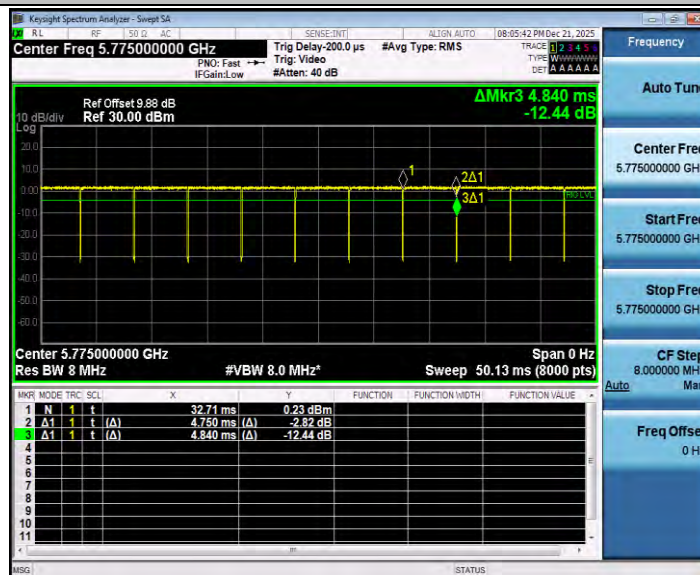
11AC40SISO_Ant0_5755



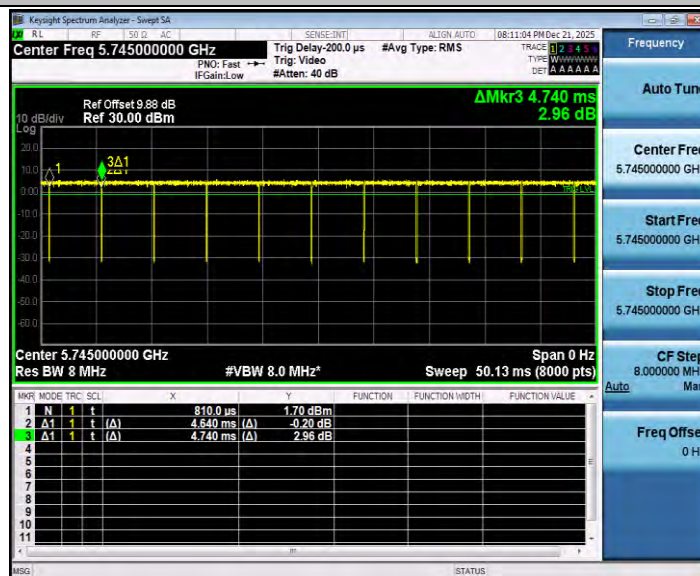
11AC40SISO_Ant0_5795



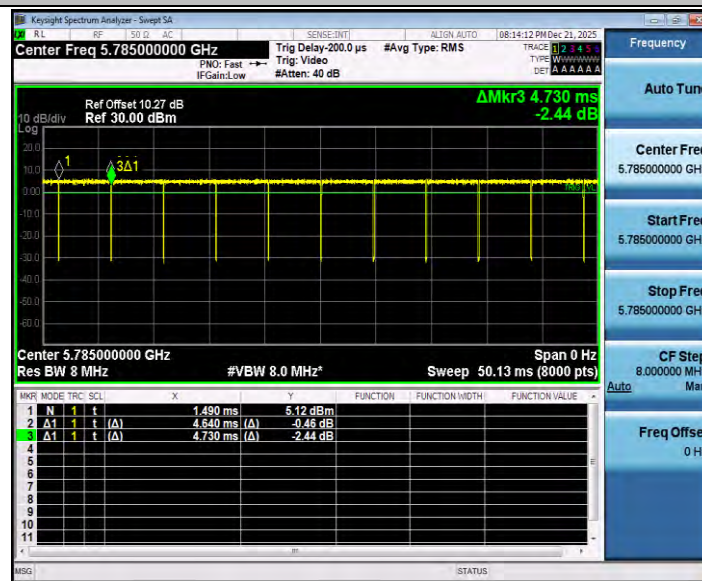
11AC80SISO_Ant0_5775



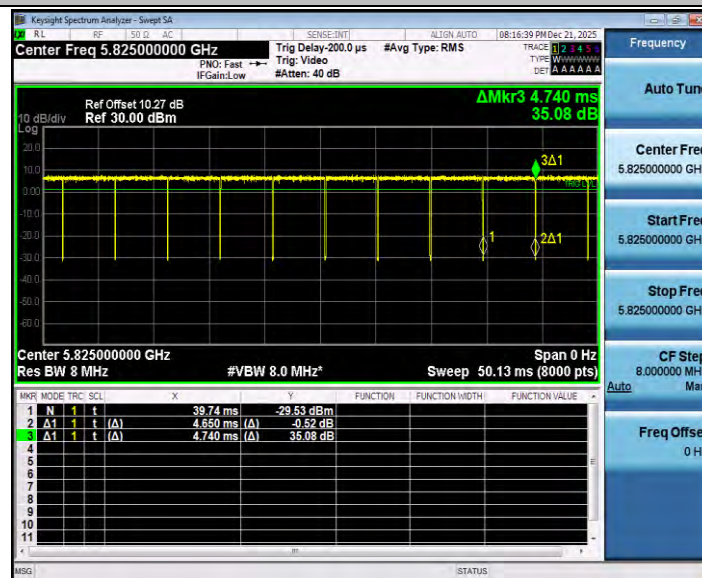
11AX20SISO_Ant0_5745



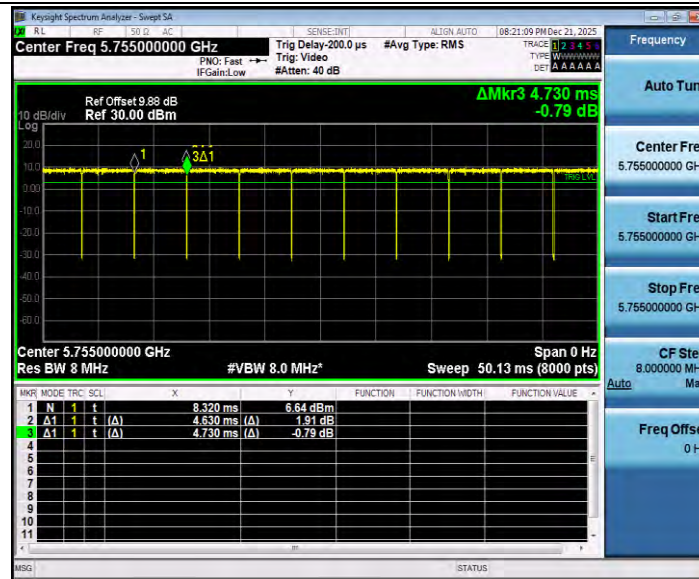
11AX20SISO_Ant0_5785



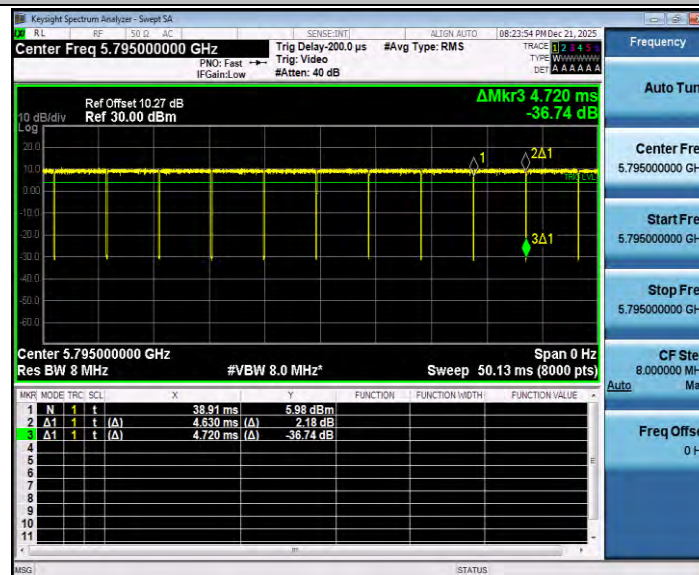
11AX20SISO_Ant0_5825



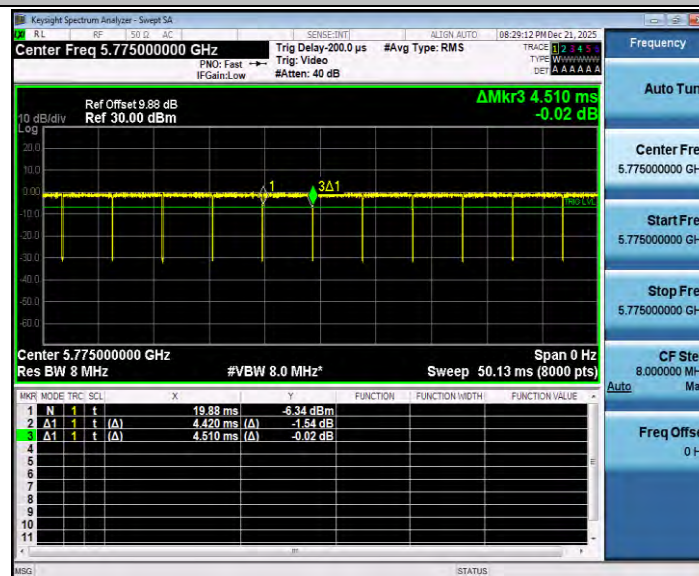
11AX40SISO_Ant0_5755



11AX40ISO_Ant0_5795



11AX80ISO_Ant0_5775



Appendix G.4: 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	Ant0	5745	10.29	98.39	0.07	10.36	≤30.00	PASS
		5785	10.86	98.38	0.07	10.93	≤30.00	PASS
		5825	12.48	98.39	0.07	12.55	≤30.00	PASS
11N20SISO	Ant0	5745	11.35	98.35	0.07	11.42	≤30.00	PASS
		5785	12.06	98.17	0.08	12.14	≤30.00	PASS
		5825	13.56	98.35	0.07	13.63	≤30.00	PASS
11N40SISO	Ant0	5755	10.93	98.10	0.08	11.01	≤30.00	PASS
		5795	11.76	98.10	0.08	11.84	≤30.00	PASS
11AC20SISO	Ant0	5745	11.23	98.17	0.08	11.31	≤30.00	PASS
		5785	11.99	98.18	0.08	12.07	≤30.00	PASS
		5825	13.37	98.35	0.07	13.44	≤30.00	PASS
11AC40SISO	Ant0	5755	10.89	98.10	0.08	10.97	≤30.00	PASS
		5795	11.73	98.10	0.08	11.81	≤30.00	PASS
11AC80SISO	Ant0	5775	11.41	98.14	0.08	11.49	≤30.00	PASS
11AX20SISO	Ant0	5745	8.19	97.89	0.09	8.28	≤30.00	PASS
		5785	8.73	98.10	0.08	8.81	≤30.00	PASS
		5825	10.31	98.10	0.08	10.39	≤30.00	PASS
11AX40SISO	Ant0	5755	13.95	97.89	0.09	14.04	≤30.00	PASS
		5795	14.73	98.09	0.08	14.81	≤30.00	PASS
11AX80SISO	Ant0	5775	9.56	98.00	0.09	9.65	≤30.00	PASS

Appendix G.5: Maximum power spectral density

Test Result

TestMode	Antenna	Freq(MHz)	Result [dBm/MHz]	Limit[dBm/MHz]	Verdict
11A	Ant0	5745	-3.62	≤30.00	PASS
		5785	-2.92	≤30.00	PASS
		5825	-1.36	≤30.00	PASS
11N20SISO	Ant0	5745	-2.71	≤30.00	PASS
		5785	-2.06	≤30.00	PASS
		5825	-0.42	≤30.00	PASS
11N40SISO	Ant0	5755	-5.70	≤30.00	PASS
		5795	-4.77	≤30.00	PASS
11AC20SISO	Ant0	5745	-2.81	≤30.00	PASS
		5785	-2.22	≤30.00	PASS
		5825	-0.70	≤30.00	PASS
11AC40SISO	Ant0	5755	-5.54	≤30.00	PASS
		5795	-4.90	≤30.00	PASS
11AC80SISO	Ant0	5775	-8.91	≤30.00	PASS
11AX20SISO	Ant0	5745	-6.60	≤30.00	PASS
		5785	-5.90	≤30.00	PASS
		5825	-4.51	≤30.00	PASS
11AX40SISO	Ant0	5755	-2.70	≤30.00	PASS
		5795	-1.97	≤30.00	PASS
11AX80SISO	Ant0	5775	-9.90	≤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.

Test Graphs

11A_Ant0_5745



11A_Ant0_5785



11A_Ant0_5825



11N20SISO_Ant0_5745



11N20SISO_Ant0_5785



11N20SISO_Ant0_5825



11N40SISO_Ant0_5755



11N40SISO_Ant0_5795



11AC20SISO_Ant0_5745



11AC20SISO_Ant0_5785



11AC20SISO_Ant0_5825



11AC40SISO_Ant0_5755



11AC40SISO_Ant0_5795



11AC80SISO_Ant0_5775



11AX20SISO_Ant0_5745



11AX20SISO_Ant0_5785



11AX20SISO_Ant0_5825



11AX40SISO_Ant0_5755



11AX40SISO_Ant0_5795



11AX80SISO_Ant0_5775

