

Case No. : <u>GTS20251122004-3-13</u>
Ambient Condition: <u>22</u> °C, <u>55</u> %RH
According Standard: <u>■Part15E</u>
Test Date: <u>2025.12.15-2026.04.02</u> Test Engineer: <u>Evan ouyang</u>

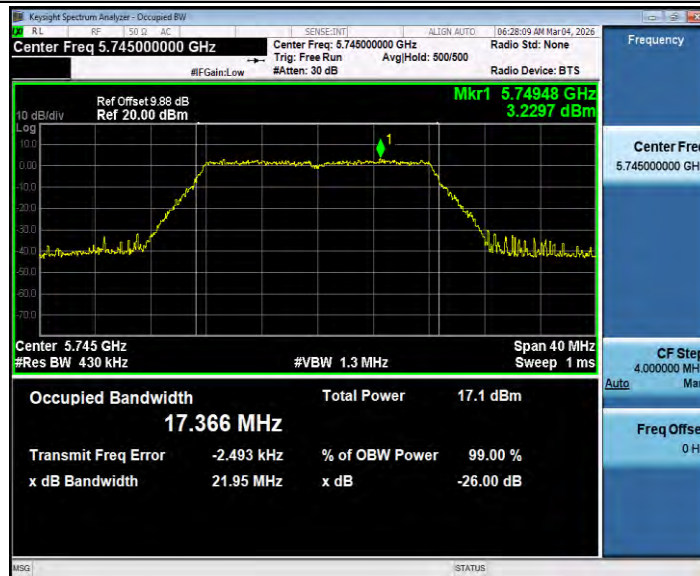
Appendix G.1: Occupied channel bandwidth

Test Result

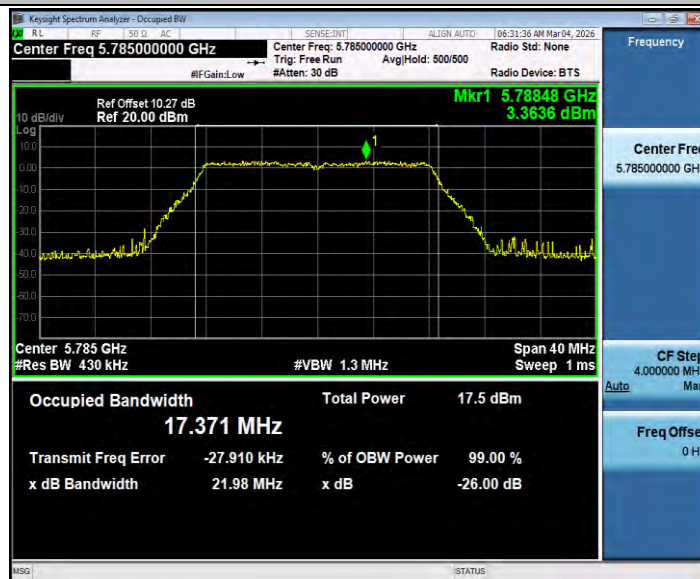
TestMode	Antenna	Freq(MHz)	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5745	17.366	5736.3145	5753.6805	---	---
		5785	17.371	5776.2866	5793.6576	---	---
		5825	17.321	5816.3057	5833.6267	---	---
11N20SISO	Ant1	5745	18.388	5735.8053	5754.1933	---	---
		5785	18.397	5775.8005	5794.1975	---	---
		5825	18.337	5815.8108	5834.1478	---	---
11N40SISO	Ant1	5755	36.812	5736.6182	5773.4302	---	---
		5795	36.915	5776.5961	5813.5111	---	---
11AC20SISO	Ant1	5745	18.357	5735.8251	5754.1821	---	---
		5785	18.379	5775.7968	5794.1758	---	---
		5825	18.345	5815.8198	5834.1648	---	---
11AC40SISO	Ant1	5755	36.828	5736.6102	5773.4382	---	---
		5795	36.948	5776.5562	5813.5042	---	---
11AC80SISO	Ant1	5775	75.887	5737.1110	5812.9980	---	---
11AX20SISO	Ant1	5745	19.360	5735.3039	5754.6639	---	---
		5785	19.369	5775.2992	5794.6682	---	---
		5825	19.291	5815.3475	5834.6385	---	---
11AX40SISO	Ant1	5755	38.089	5735.9834	5774.0724	---	---
		5795	38.217	5775.9195	5814.1365	---	---
11AX80SISO	Ant1	5775	77.951	5736.0895	5814.0405	---	---

Test Graphs

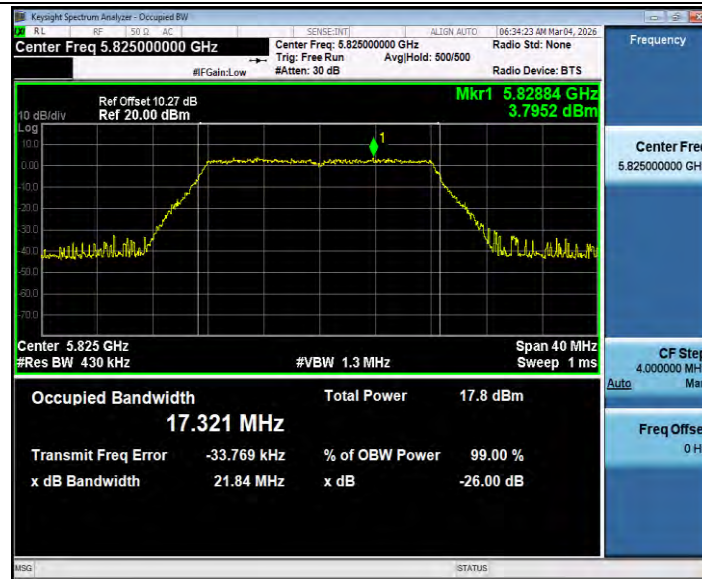
11A_Ant1_5745



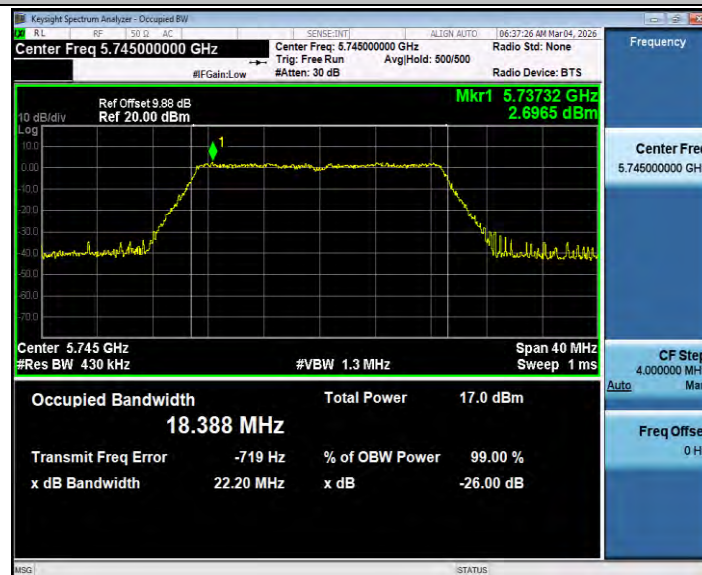
11A_Ant1_5785



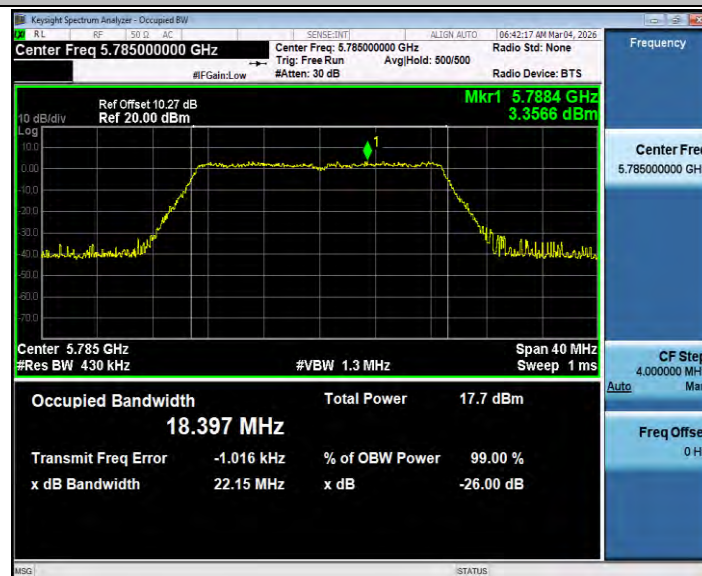
11A_Ant1_5825



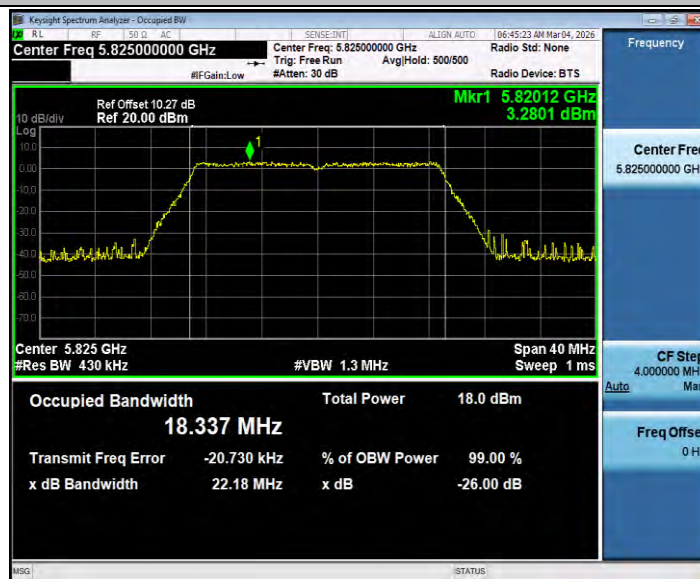
11N20SISO_Ant1_5745



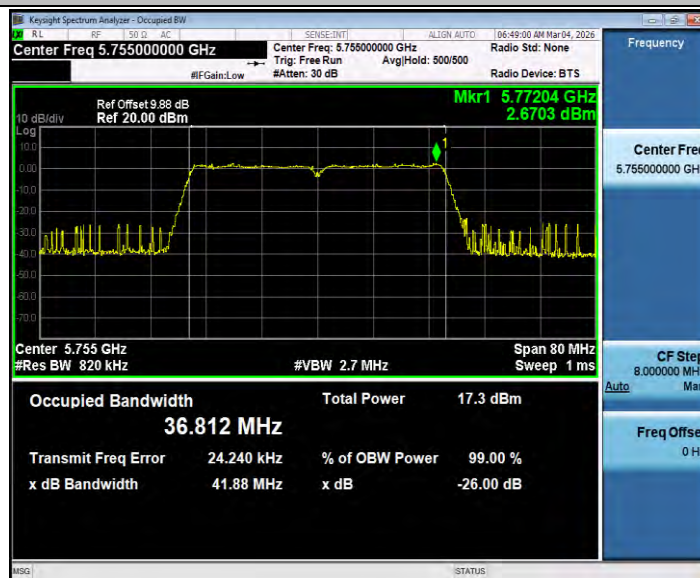
11N20SISO_Ant1_5785



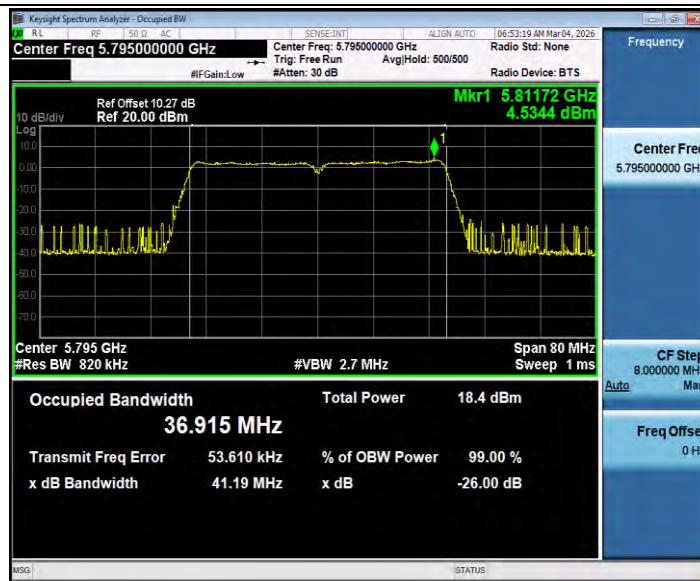
11N20SISO_Ant1_5825



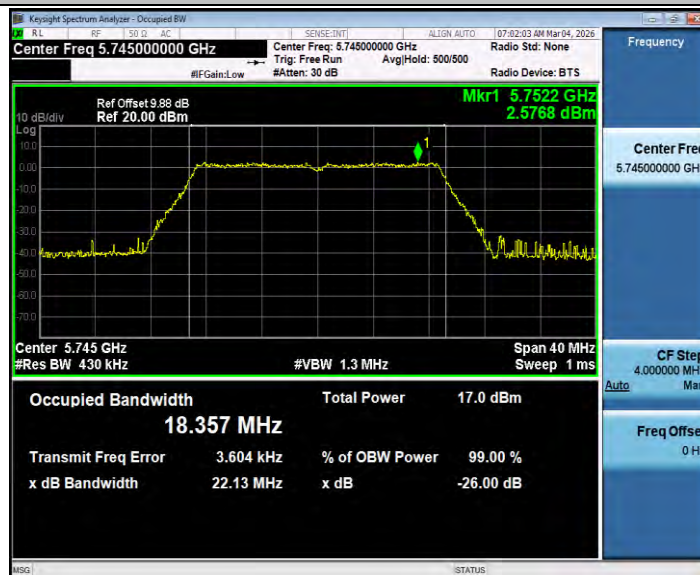
11N40SISO_Ant1_5755



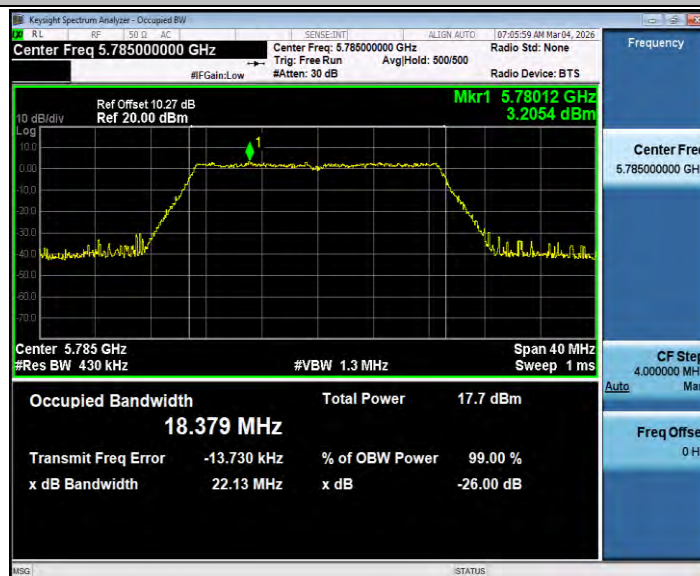
11N40SISO_Ant1_5795



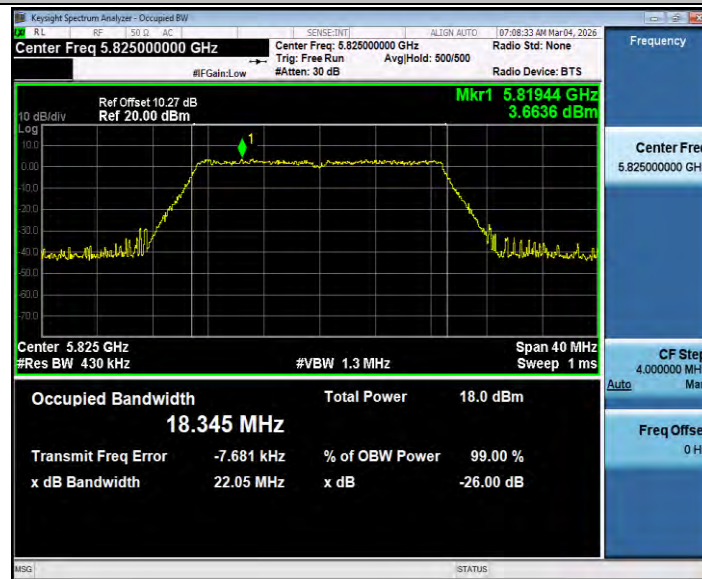
11AC20SISO_Ant1_5745



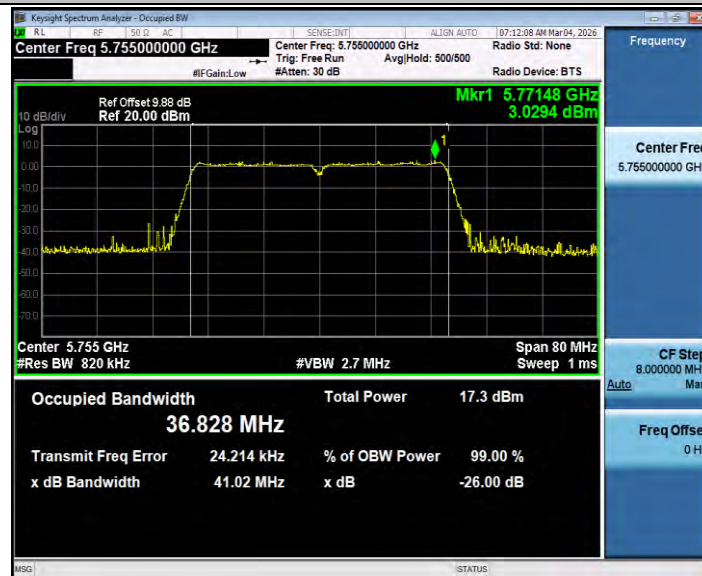
11AC20SISO_Ant1_5785



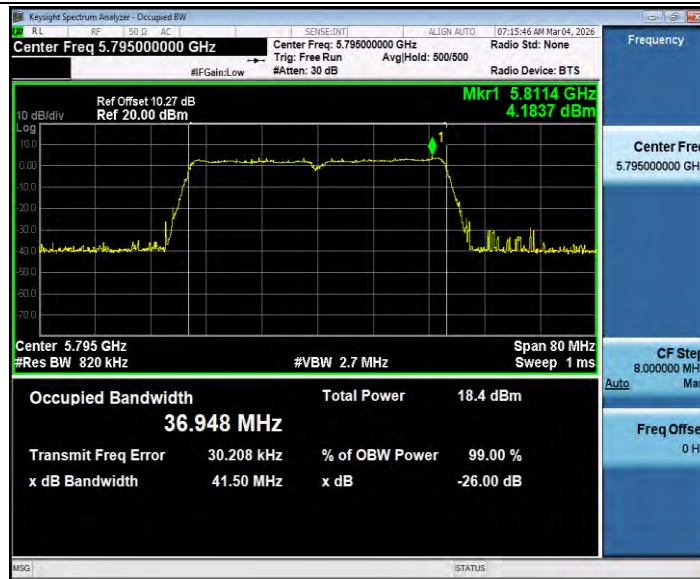
11AC20SISO_Ant1_5825



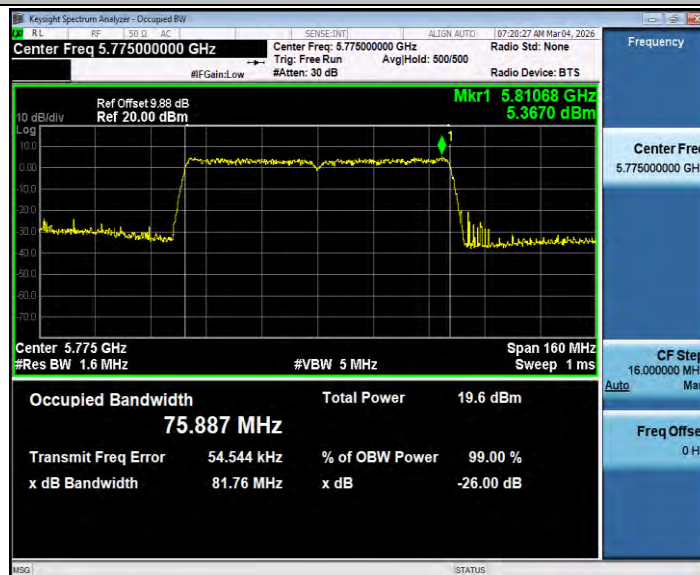
11AC40SISO_Ant1_5755



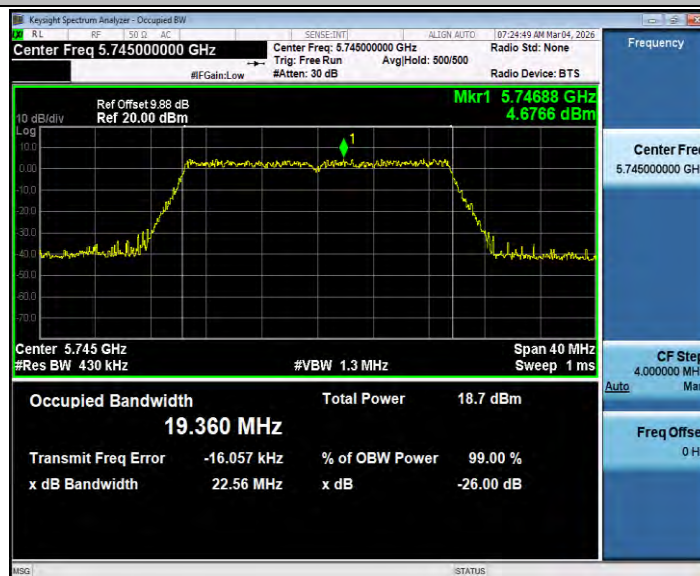
11AC40SISO_Ant1_5795



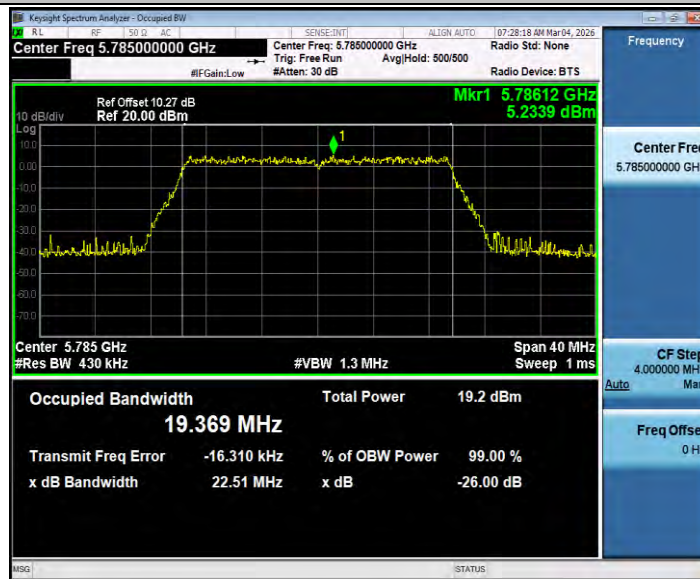
11AC80SISO_Ant1_5775



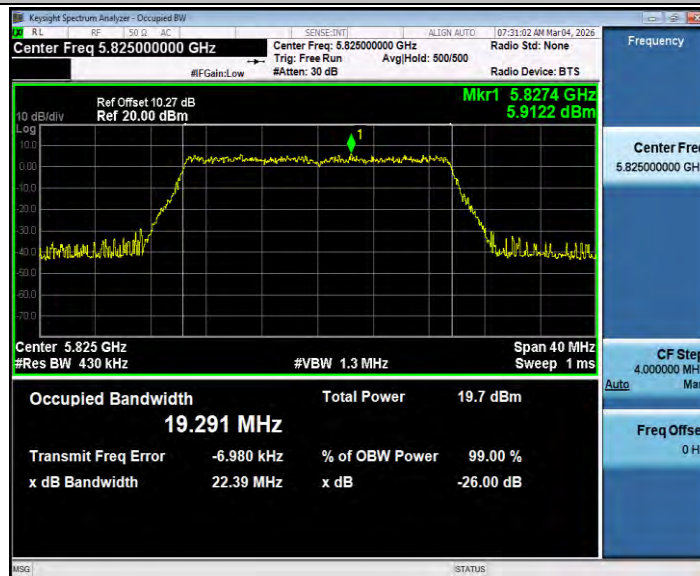
11AX20SISO_Ant1_5745



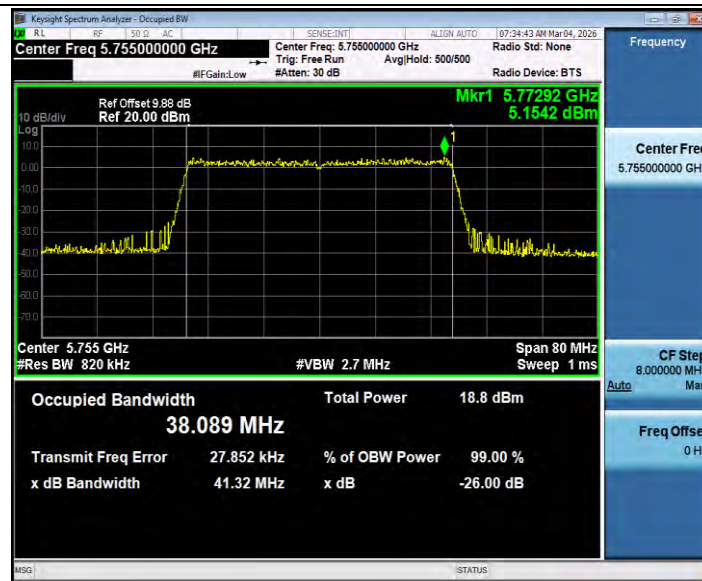
11AX20SISO_Ant1_5785



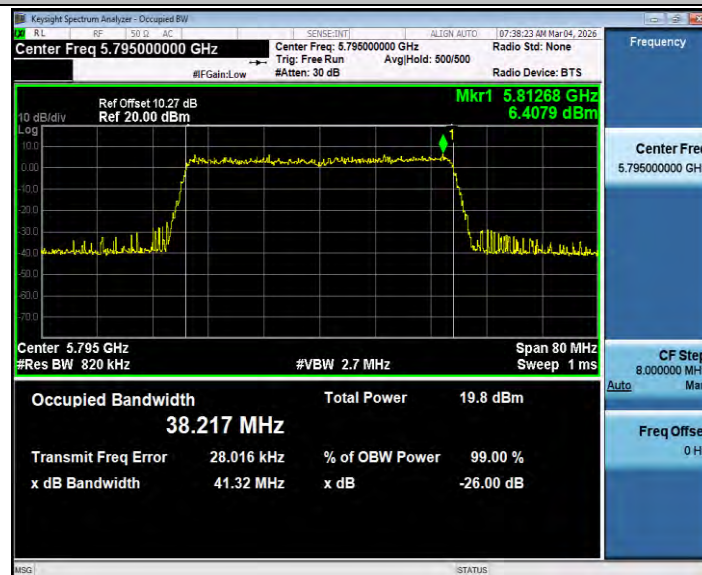
11AX20SISO_Ant1_5825



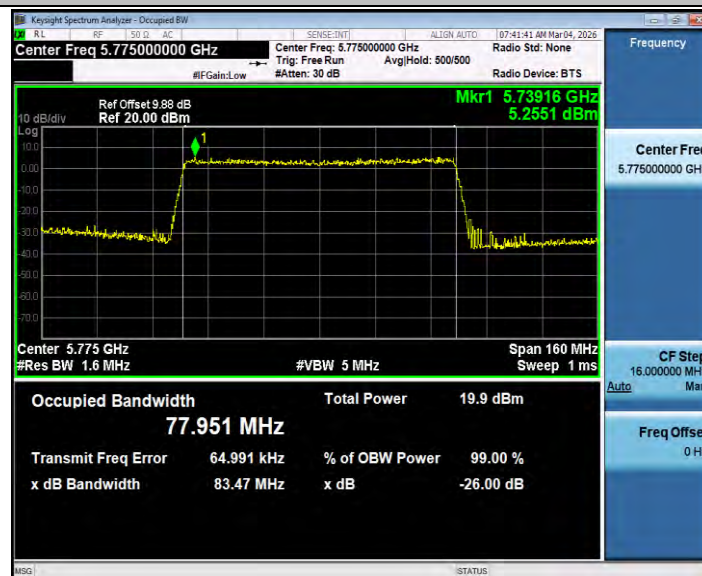
11AX40SISO_Ant1_5755



11AX40SISO_Ant1_5795



11AX80SISO_Ant1_5775



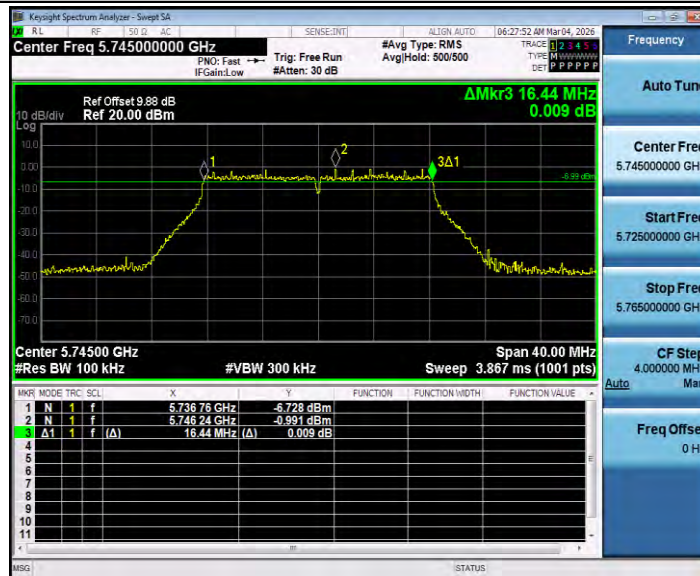
Appendix G.2: Min emission bandwidth

Test Result B4

TestMode	Antenna	Freq(MHz)	6db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5745	16.440	5736.760	5753.200	0.5	PASS
		5785	16.480	5776.760	5793.240	0.5	PASS
		5825	16.480	5816.720	5833.200	0.5	PASS
11N20SISO	Ant1	5745	17.720	5736.120	5753.840	0.5	PASS
		5785	17.720	5776.160	5793.880	0.5	PASS
		5825	17.720	5816.120	5833.840	0.5	PASS
11N40SISO	Ant1	5755	36.400	5736.760	5773.160	0.5	PASS
		5795	36.320	5776.840	5813.160	0.5	PASS
11AC20SISO	Ant1	5745	17.720	5736.120	5753.840	0.5	PASS
		5785	17.720	5776.080	5793.800	0.5	PASS
		5825	17.680	5816.160	5833.840	0.5	PASS
11AC40SISO	Ant1	5755	36.400	5736.760	5773.160	0.5	PASS
		5795	36.320	5776.840	5813.160	0.5	PASS
11AC80SISO	Ant1	5775	75.520	5737.400	5812.920	0.5	PASS
11AX20SISO	Ant1	5745	19.120	5735.400	5754.520	0.5	PASS
		5785	19.120	5775.400	5794.520	0.5	PASS
		5825	19.000	5815.480	5834.480	0.5	PASS
11AX40SISO	Ant1	5755	38.080	5735.960	5774.040	0.5	PASS
		5795	38.160	5775.960	5814.120	0.5	PASS
11AX80SISO	Ant1	5775	78.080	5735.960	5814.040	0.5	PASS

Test Graphs B4

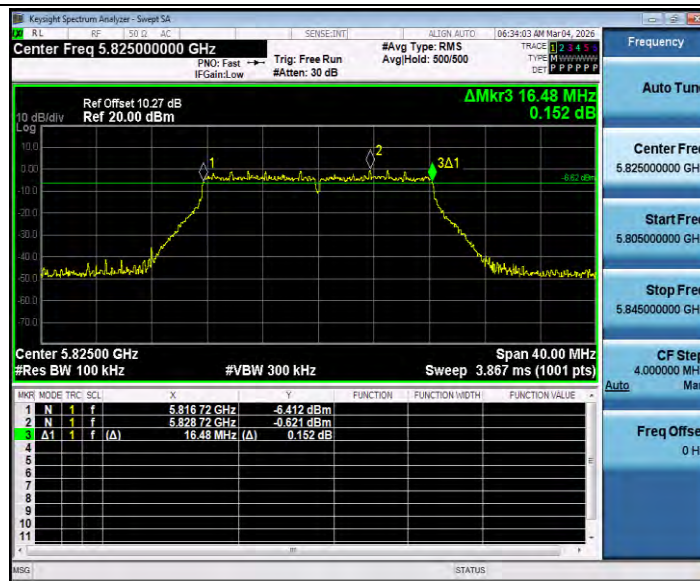
11A_Ant1_5745



11A_Ant1_5785



11A_Ant1_5825



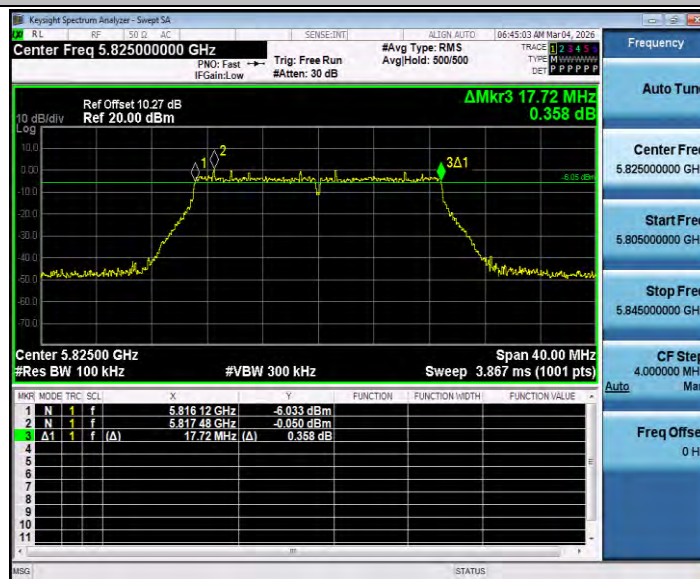
11N20SISO_Ant1_5745



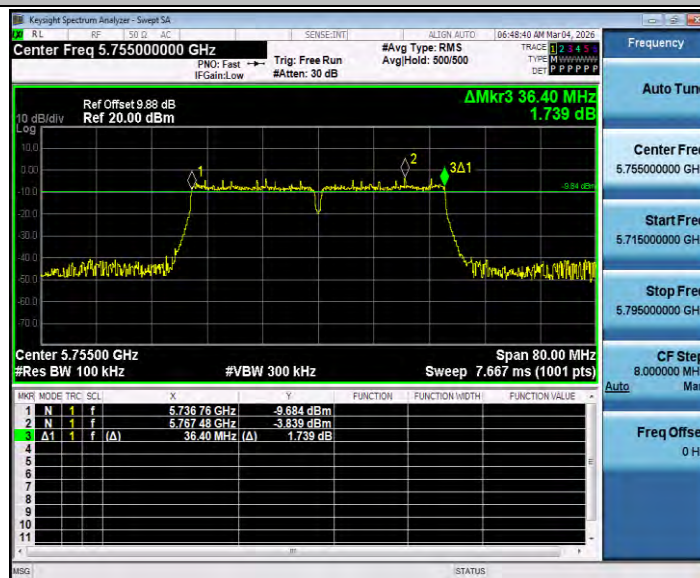
11N20SISO_Ant1_5785



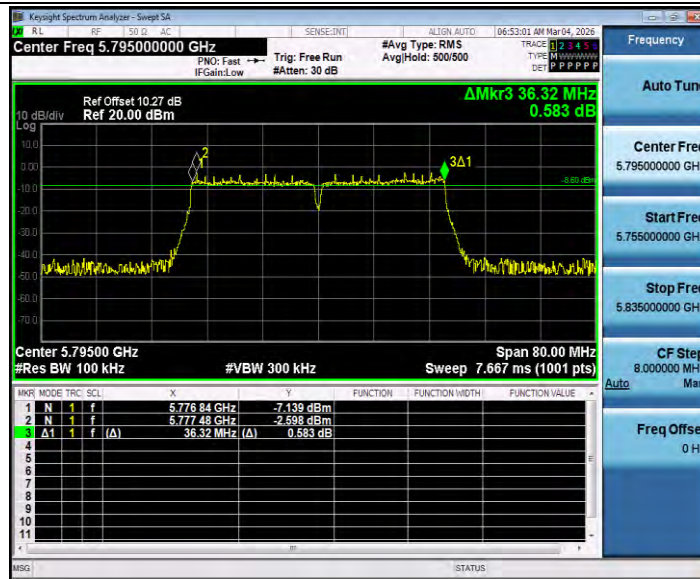
11N20SISO_Ant1_5825



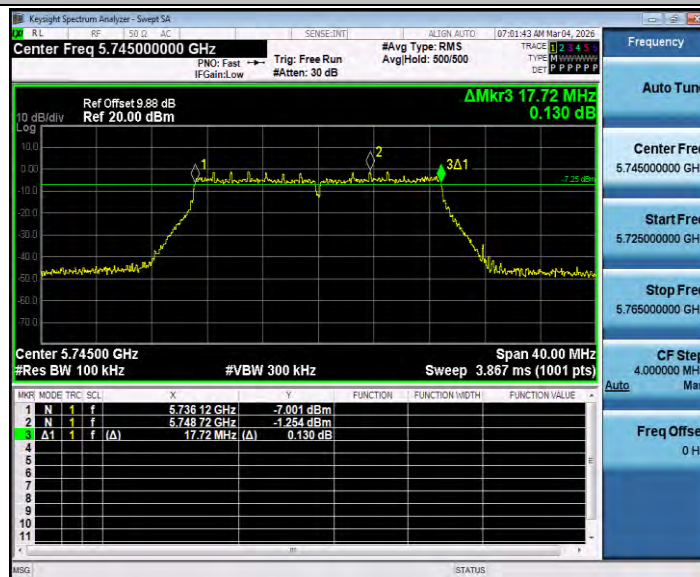
11N40SISO_Ant1_5755



11N40SISO_Ant1_5795



11AC20SISO_Ant1_5745



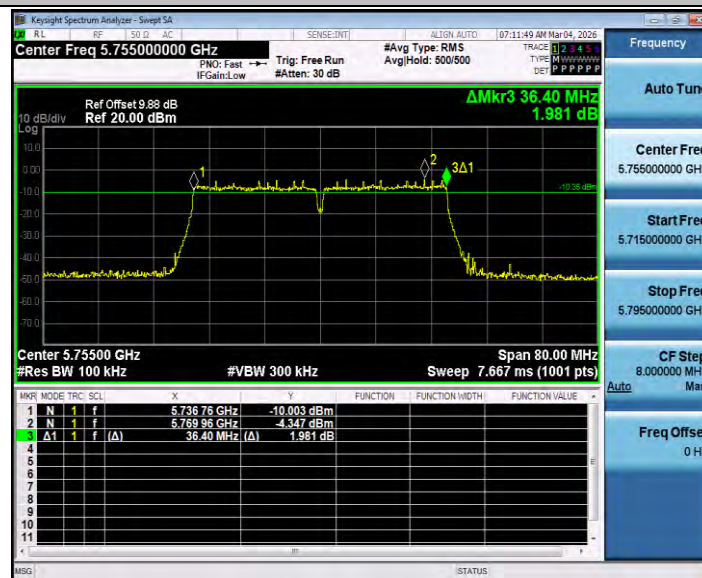
11AC20SISO_Ant1_5785



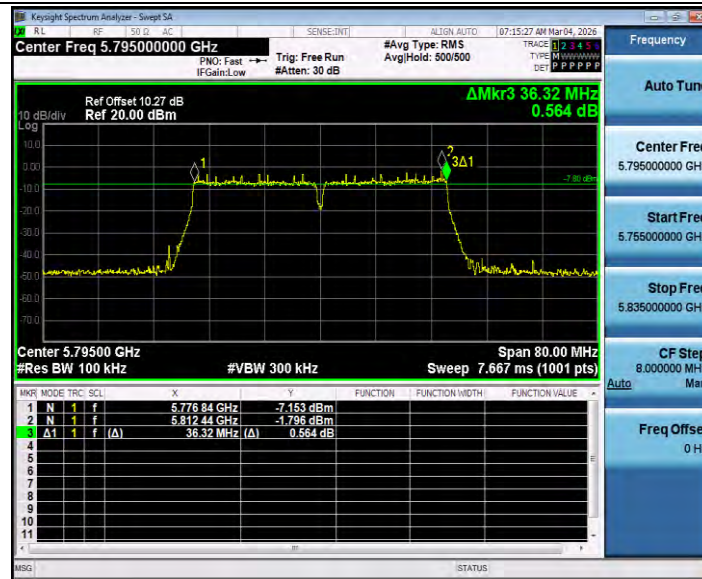
11AC20SISO_Ant1_5825



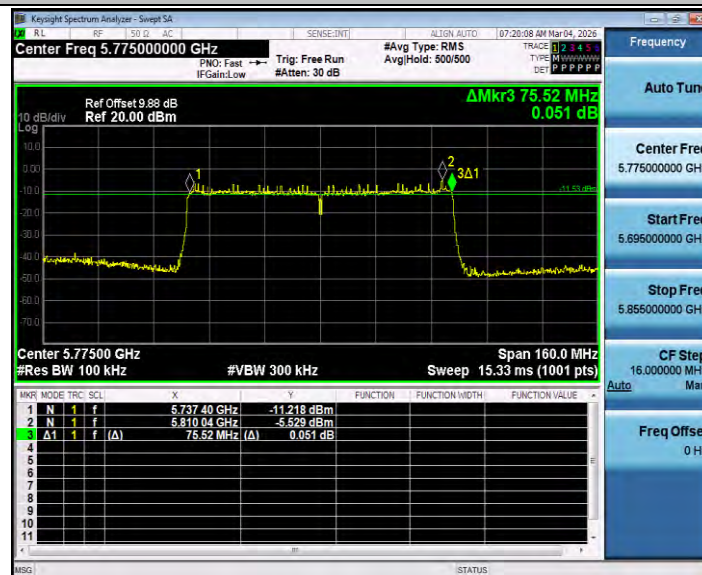
11AC40SISO_Ant1_5755



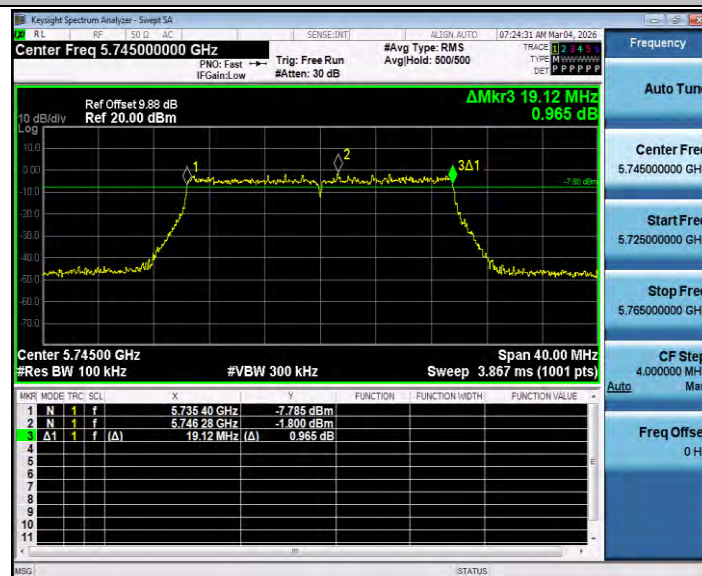
11AC40SISO_Ant1_5795



11AC80SISO_Ant1_5775



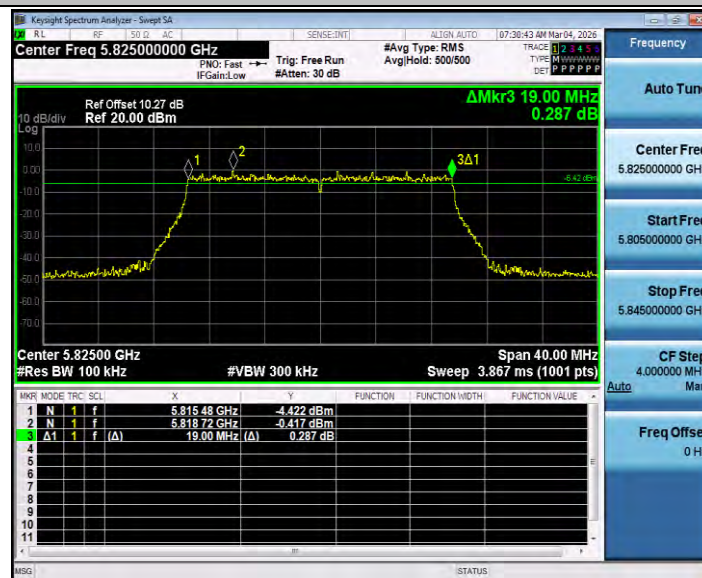
11AX20SISO_Ant1_5745



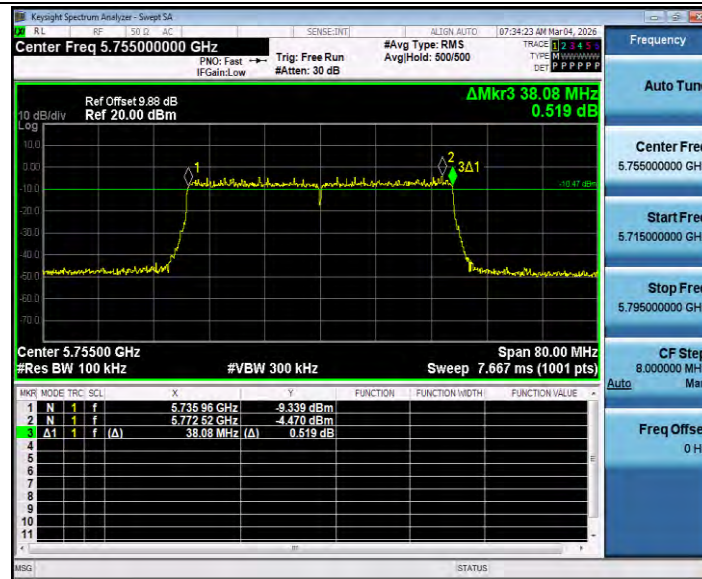
11AX20SISO_Ant1_5785



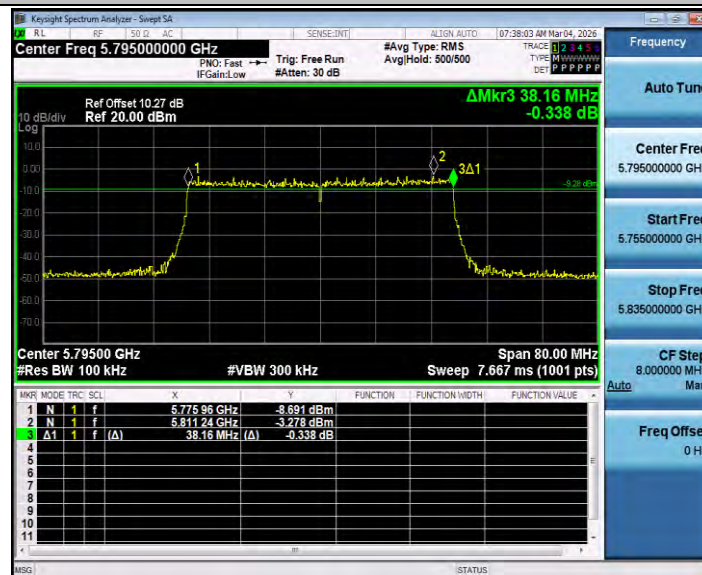
11AX20SISO_Ant1_5825



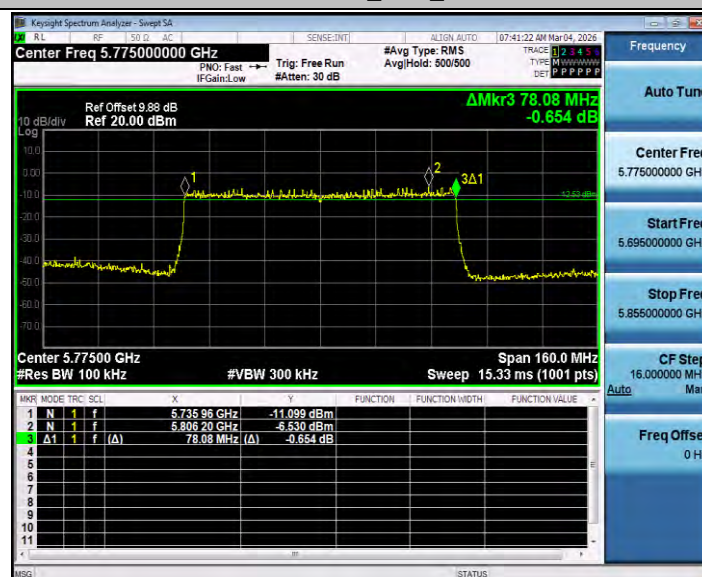
11AX40SISO_Ant1_5755



11AX40ISO_Ant1_5795



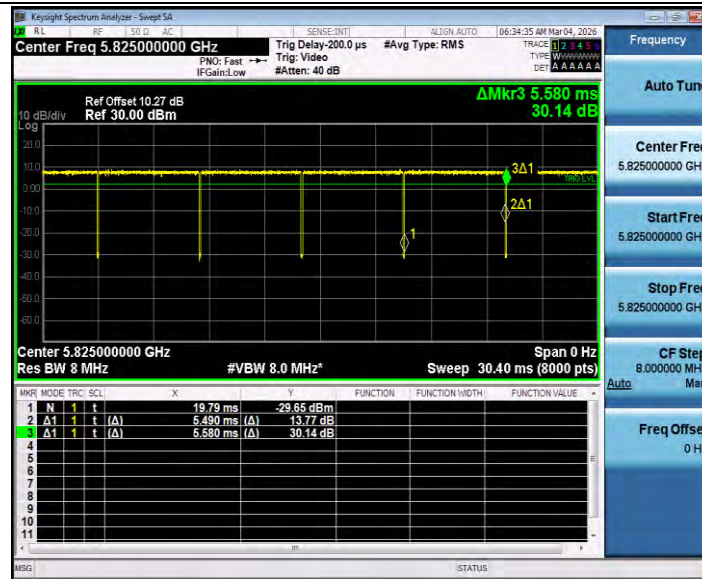
11AX80ISO_Ant1_5775



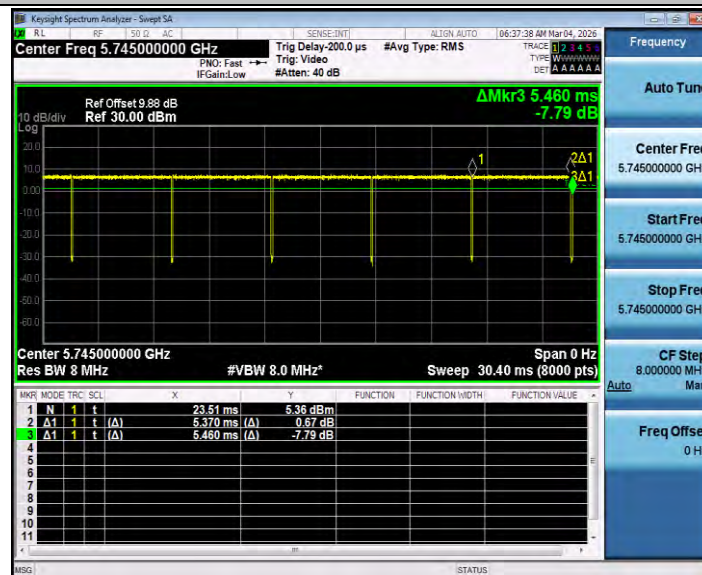
AppendixG.3: Duty Cycle

Test Result

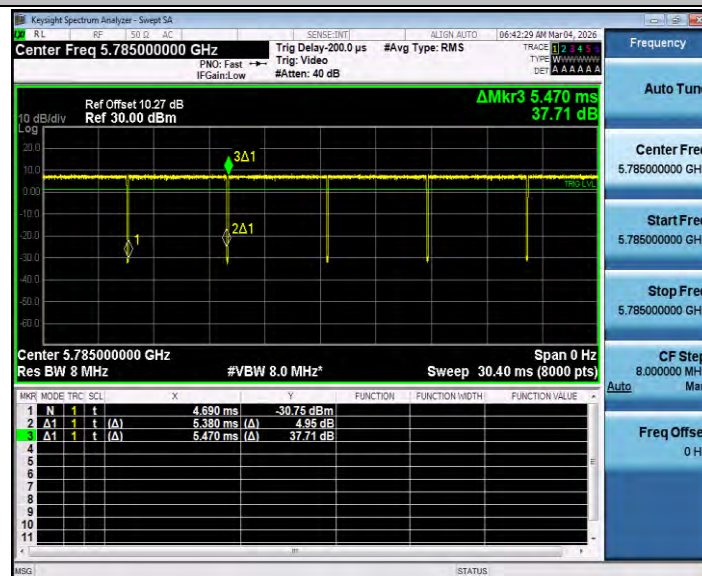
TestMode	Antenna	Freq(MHz)	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	Duty Cycle Factor[dB]	1/T Factor[KHz]
11A	Ant1	5745	5.49	5.58	98.39	0.07	0.18
		5785	5.48	5.57	98.38	0.07	0.18
		5825	5.49	5.58	98.39	0.07	0.18
11N20SISO	Ant1	5745	5.37	5.46	98.35	0.07	0.19
		5785	5.38	5.47	98.35	0.07	0.19
		5825	5.37	5.47	98.17	0.08	0.19
11N40SISO	Ant1	5755	5.15	5.24	98.28	0.08	0.19
		5795	5.15	5.24	98.28	0.08	0.19
11AC20SISO	Ant1	5745	5.37	5.47	98.17	0.08	0.19
		5785	5.38	5.47	98.35	0.07	0.19
		5825	5.38	5.47	98.35	0.07	0.19
11AC40SISO	Ant1	5755	5.16	5.25	98.29	0.07	0.19
		5795	5.16	5.25	98.29	0.07	0.19
11AC80SISO	Ant1	5775	4.76	4.84	98.35	0.07	0.21
11AX20SISO	Ant1	5745	4.65	4.73	98.31	0.07	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	Ant1	5755	4.64	4.73	98.10	0.08	0.22
		5795	4.63	4.72	98.09	0.08	0.22
11AX80SISO	Ant1	5775	4.42	4.51	98.00	0.09	0.23

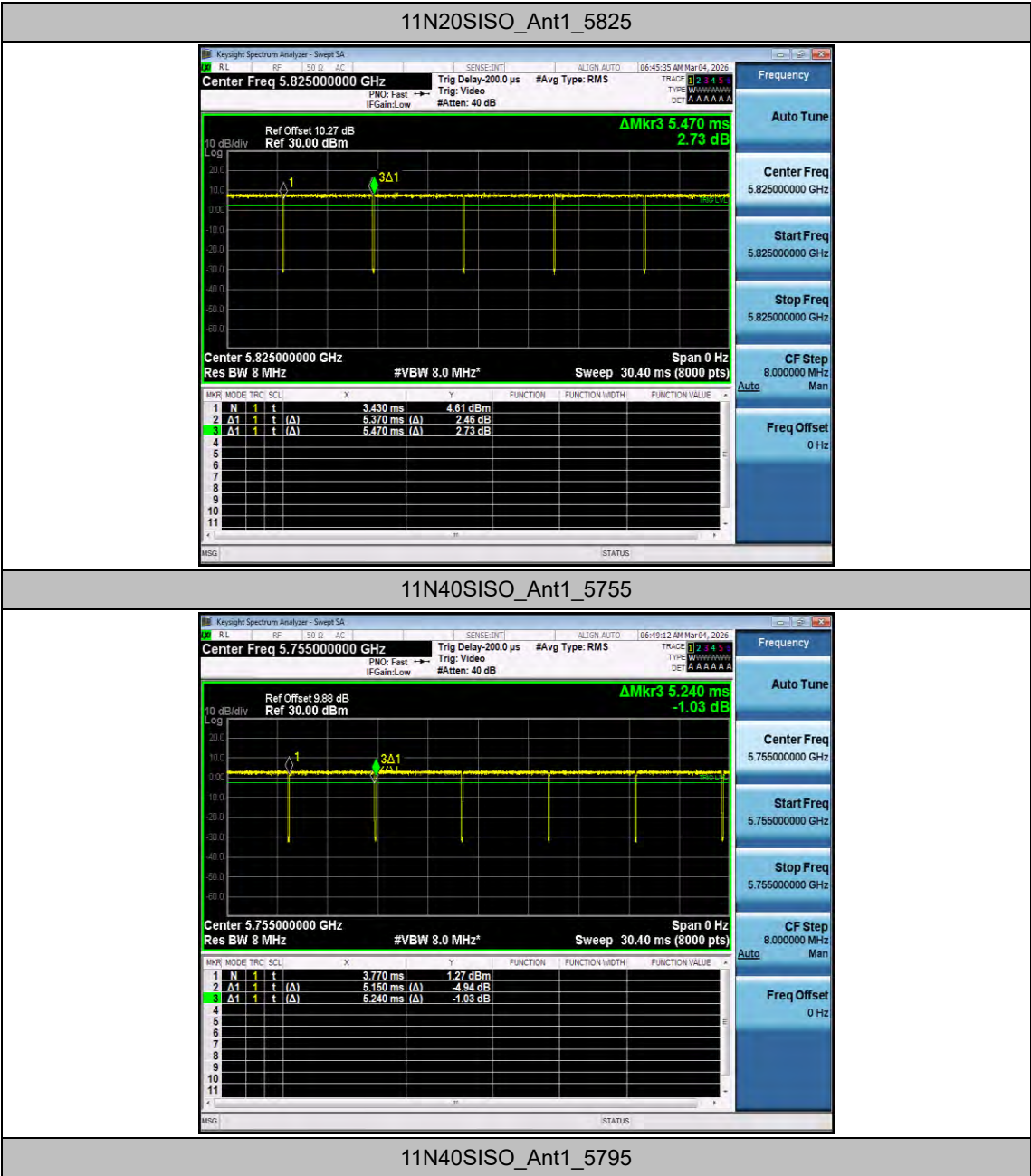


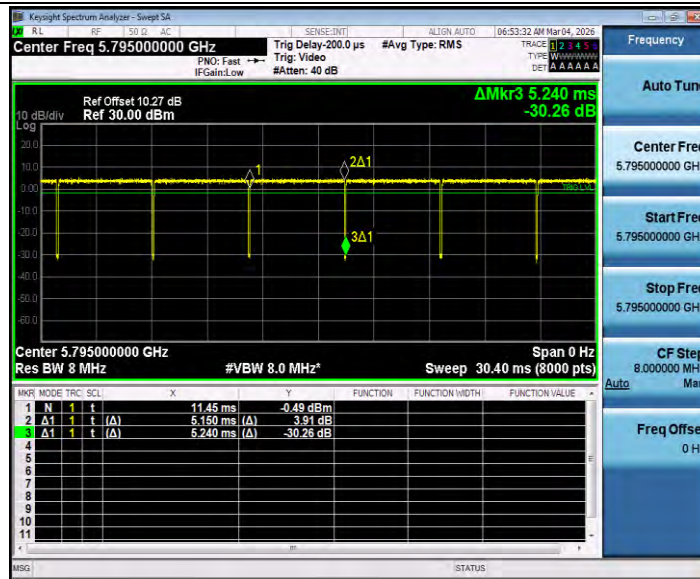
11N20SISO_Ant1_5745



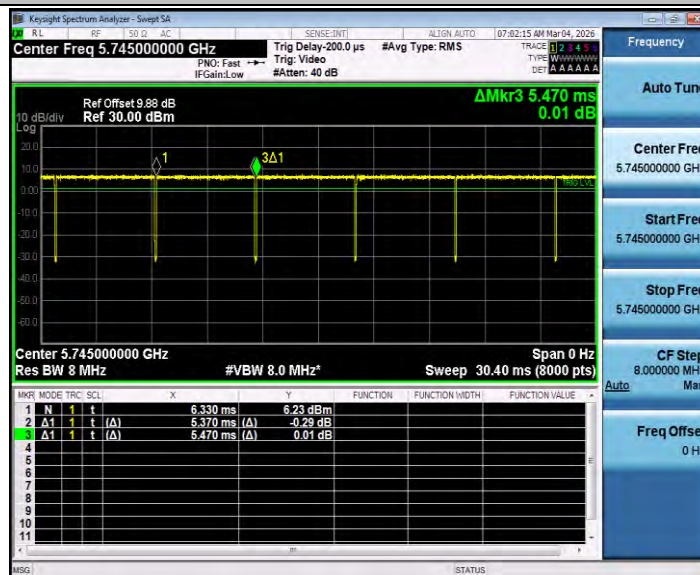
11N20SISO_Ant1_5785



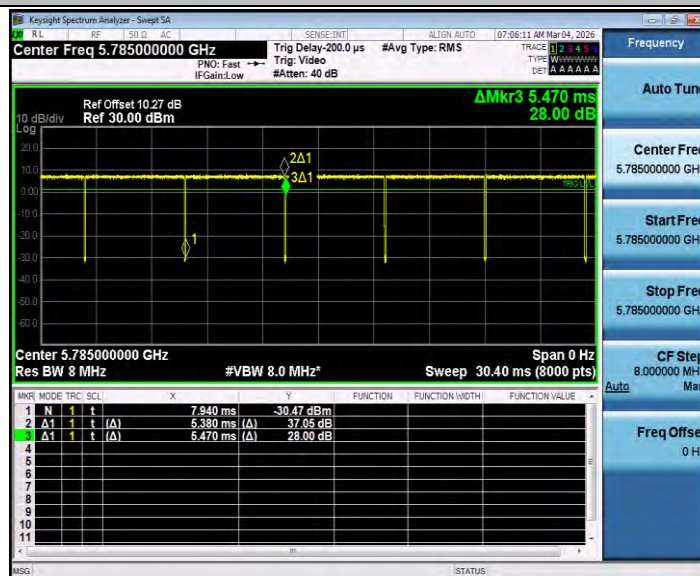




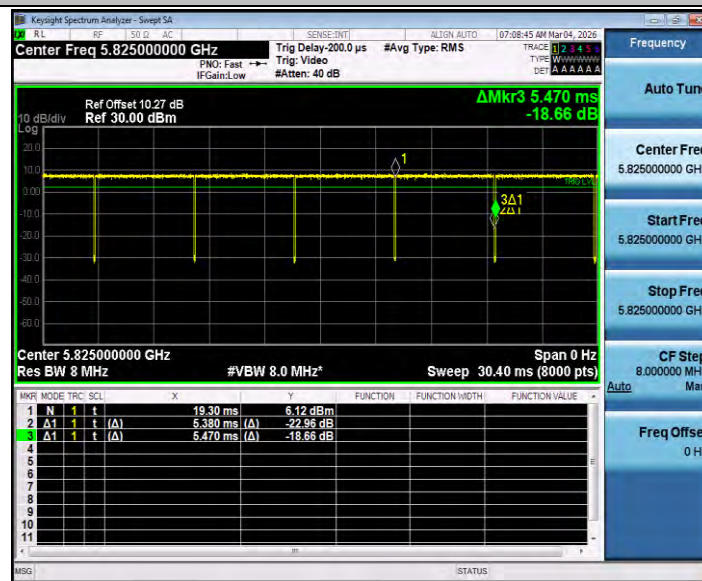
11AC20SISO_Ant1_5745



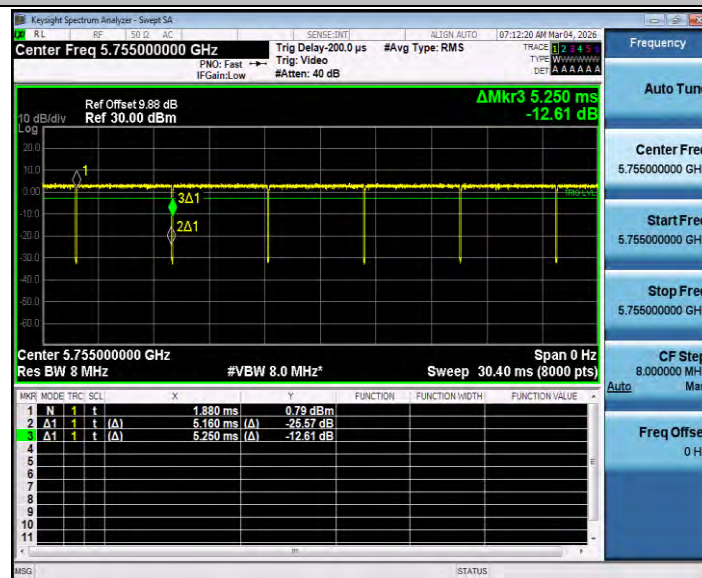
11AC20SISO_Ant1_5785



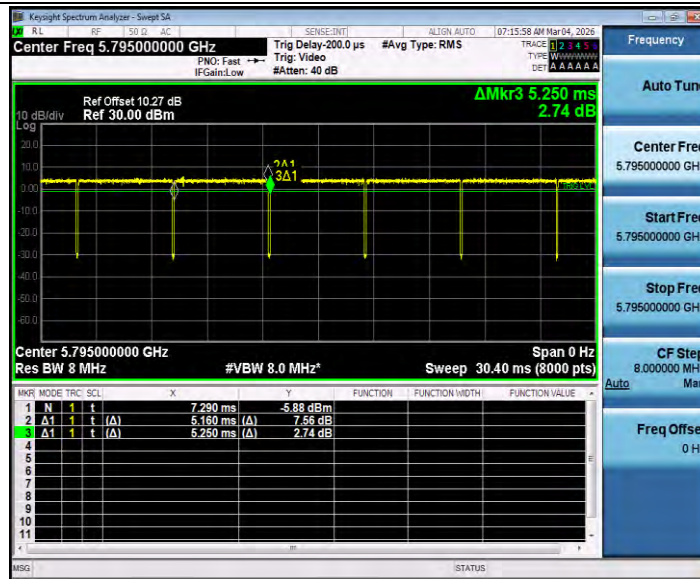
11AC20SISO_Ant1_5825



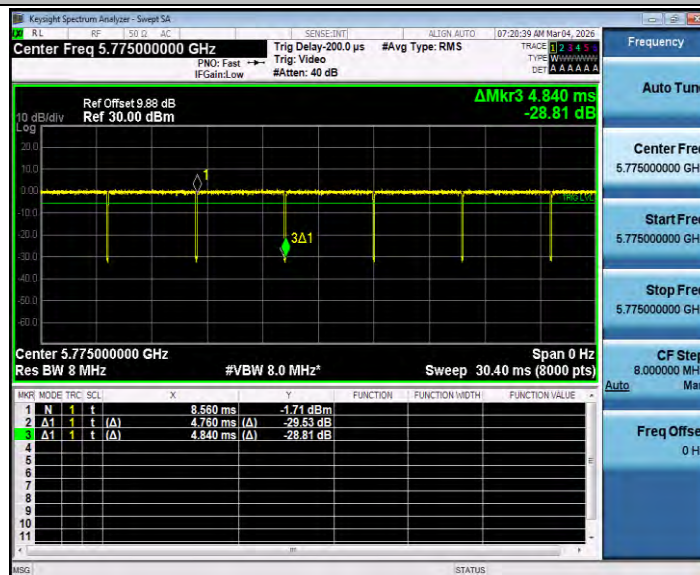
11AC40SISO_Ant1_5755



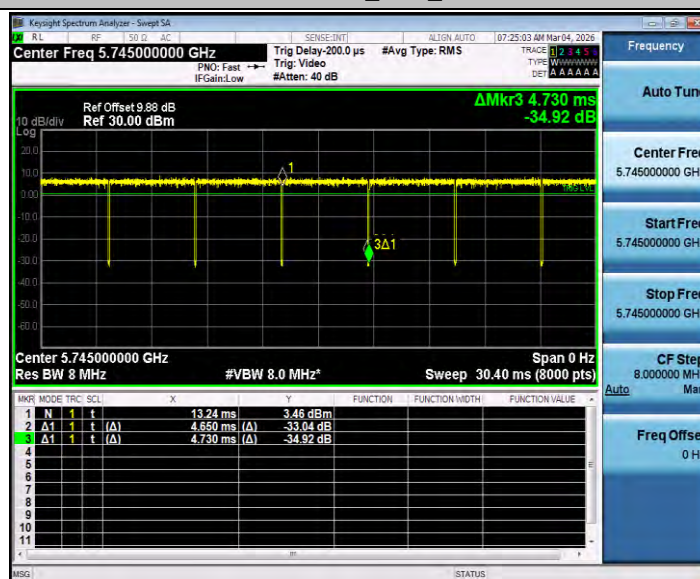
11AC40SISO_Ant1_5795

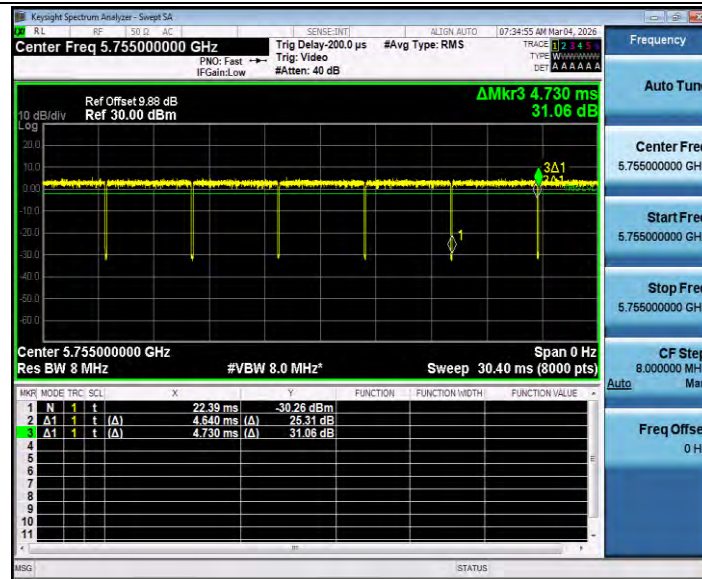


11AC80SISO_Ant1_5775

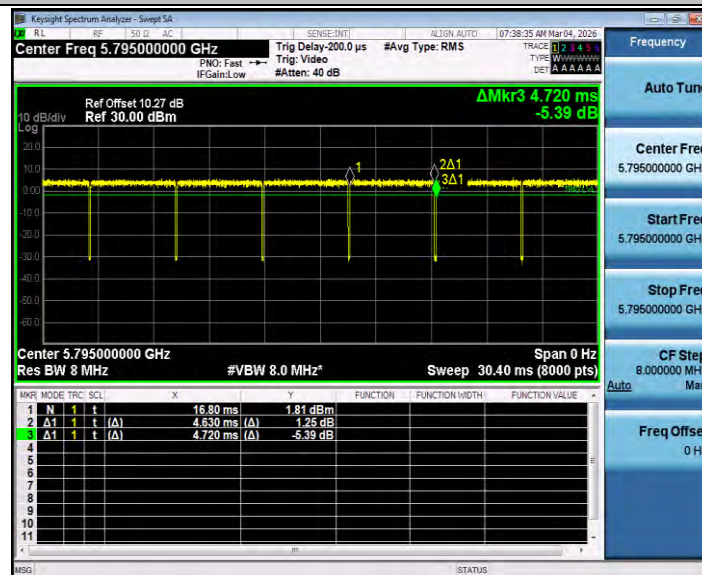


11AX20SISO_Ant1_5745

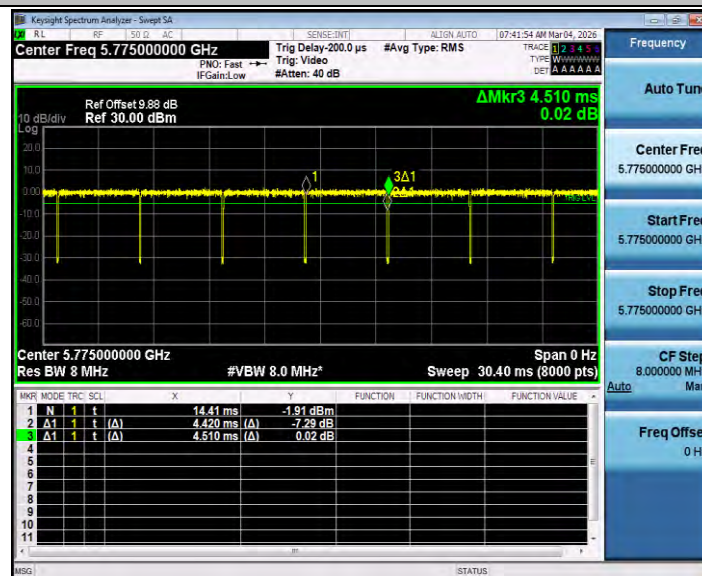




11AX40ISO_Ant1_5795



11AX80ISO_Ant1_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	Ant1	5745	10.22	98.39	0.07	10.29	≤30.00	PASS
		5785	10.72	98.38	0.07	10.79	≤30.00	PASS
		5825	10.97	98.39	0.07	11.04	≤30.00	PASS
11N20SISO	Ant1	5745	10.15	98.35	0.07	10.22	≤30.00	PASS
		5785	10.95	98.35	0.07	11.02	≤30.00	PASS
		5825	11.27	98.17	0.08	11.35	≤30.00	PASS
11N40SISO	Ant1	5755	9.96	98.28	0.08	10.04	≤30.00	PASS
		5795	11.03	98.28	0.08	11.11	≤30.00	PASS
11AC20SISO	Ant1	5745	10.32	98.17	0.08	10.40	≤30.00	PASS
		5785	10.90	98.35	0.07	10.97	≤30.00	PASS
		5825	11.27	98.35	0.07	11.34	≤30.00	PASS
11AC40SISO	Ant1	5755	9.88	98.29	0.07	9.95	≤30.00	PASS
		5795	11.05	98.29	0.07	11.12	≤30.00	PASS
11AC80SISO	Ant1	5775	10.51	98.35	0.07	10.58	≤30.00	PASS
11AX20SISO	Ant1	5745	10.28	98.31	0.07	10.35	≤30.00	PASS
		5785	10.94	98.10	0.08	11.02	≤30.00	PASS
		5825	11.23	98.10	0.08	11.31	≤30.00	PASS
11AX40SISO	Ant1	5755	9.87	98.10	0.08	9.95	≤30.00	PASS
		5795	11.02	98.09	0.08	11.10	≤30.00	PASS
11AX80SISO	Ant1	5775	10.46	98.00	0.09	10.55	≤30.00	PASS

Appendix G.5: Maximum power spectral density

Test Result

TestMode	Antenna	Freq(MHz)	Result [dBm/MHz]	Limit[dBm/MHz]	Verdict
11A	Ant1	5745	-4.00	≤30.00	PASS
		5785	-3.55	≤30.00	PASS
		5825	-3.36	≤30.00	PASS
11N20SISO	Ant1	5745	-3.97	≤30.00	PASS
		5785	-3.47	≤30.00	PASS
		5825	-3.25	≤30.00	PASS
11N40SISO	Ant1	5755	-6.90	≤30.00	PASS
		5795	-5.29	≤30.00	PASS
11AC20SISO	Ant1	5745	-3.92	≤30.00	PASS
		5785	-3.39	≤30.00	PASS
		5825	-3.08	≤30.00	PASS
11AC40SISO	Ant1	5755	-7.05	≤30.00	PASS
		5795	-5.37	≤30.00	PASS
11AC80SISO	Ant1	5775	-9.11	≤30.00	PASS
11AX20SISO	Ant1	5745	-4.47	≤30.00	PASS
		5785	-3.95	≤30.00	PASS
		5825	-3.71	≤30.00	PASS
11AX40SISO	Ant1	5755	-7.67	≤30.00	PASS
		5795	-5.87	≤30.00	PASS
11AX80SISO	Ant1	5775	-10.00	≤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_Ant1_5745



11A_Ant1_5785



11A_Ant1_5825



11N20SISO_Ant1_5745



11N20SISO_Ant1_5785



11N20SISO_Ant1_5825



11N40SISO_Ant1_5755



11N40SISO_Ant1_5795



11AC20SISO_Ant1_5745



11AC20SISO_Ant1_5785



11AC20SISO_Ant1_5825



11AC40SISO_Ant1_5755



11AC40SISO_Ant1_5795



11AC80SISO_Ant1_5775



11AX20SISO_Ant1_5745



11AX20SISO_Ant1_5785



11AX20SISO_Ant1_5825



11AX40SISO_Ant1_5755



11AX40SISO_Ant1_5795



11AX80SISO_Ant1_5775

