

Case No. : <u>GTS20251122004-2-15</u>
Ambient Condition: <u>24</u> °C, <u>53</u> %RH
According Standard: <u>■Part15E</u>
Test Date: <u>2025.12.15-2026.3.31</u> Test Engineer: <u>Evan ouyang</u>

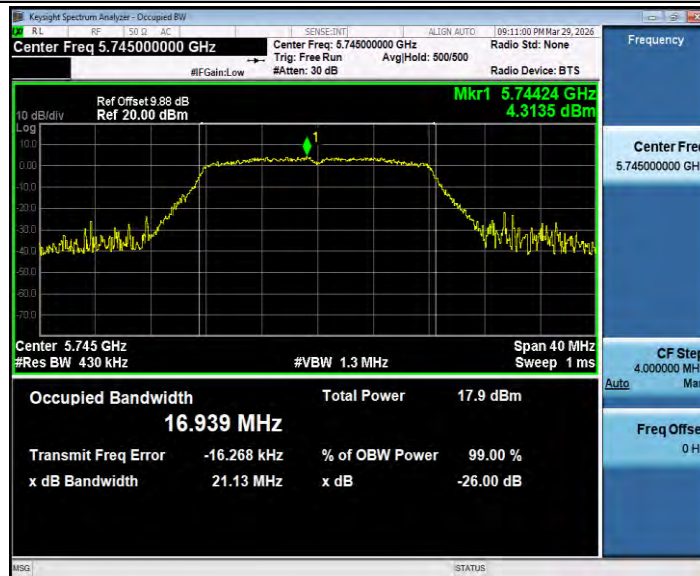
Appendix G.1: Occupied channel bandwidth

Test Result

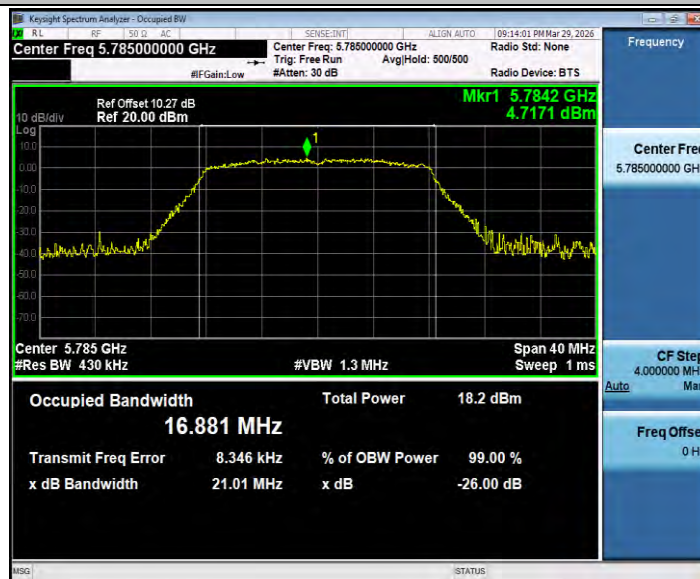
TestMode	Antenna	Freq(MHz)	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5745	16.939	5736.5142	5753.4532	---	---
		5785	16.881	5776.5679	5793.4489	---	---
		5825	16.945	5816.4904	5833.4354	---	---
11N20SISO	Ant1	5745	17.957	5736.0079	5753.9649	---	---
		5785	17.903	5776.0617	5793.9647	---	---
		5825	17.903	5816.0033	5833.9063	---	---
11N40SISO	Ant1	5755	36.411	5736.8370	5773.2480	---	---
		5795	36.254	5776.9918	5813.2458	---	---
11AC20SISO	Ant1	5745	17.933	5736.0212	5753.9542	---	---
		5785	17.909	5776.0626	5793.9716	---	---
		5825	17.898	5816.0075	5833.9055	---	---
11AC40SISO	Ant1	5755	36.200	5736.9691	5773.1691	---	---
		5795	36.232	5776.9675	5813.1995	---	---
11AC80SISO	Ant1	5775	75.318	5737.5148	5812.8328	---	---
11AX20SISO	Ant1	5745	18.953	5735.5141	5754.4671	---	---
		5785	18.924	5775.5531	5794.4771	---	---
		5825	18.928	5815.5095	5834.4375	---	---
11AX40SISO	Ant1	5755	37.587	5736.2153	5773.8023	---	---
		5795	37.463	5776.3428	5813.8058	---	---
11AX80SISO	Ant1	5775	77.335	5736.5361	5813.8711	---	---

Test Graphs

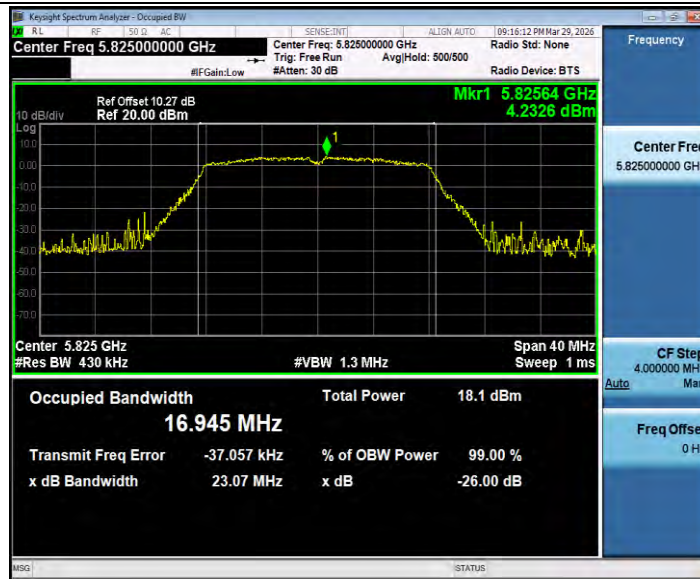
11A_Ant1_5745



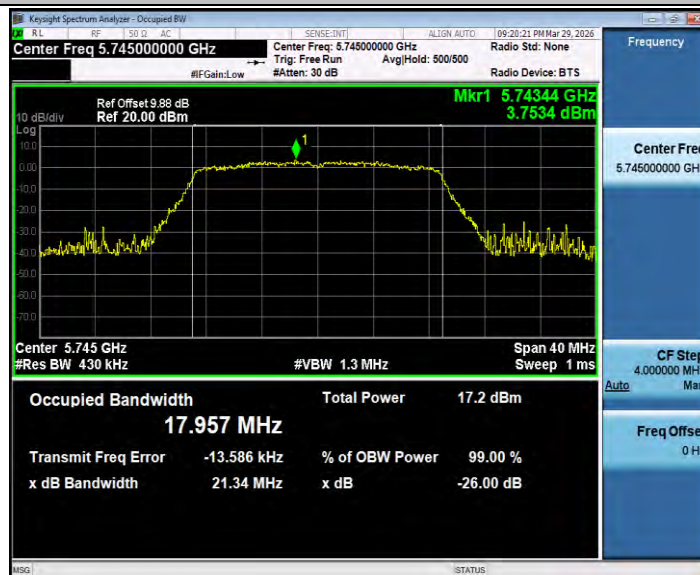
11A_Ant1_5785



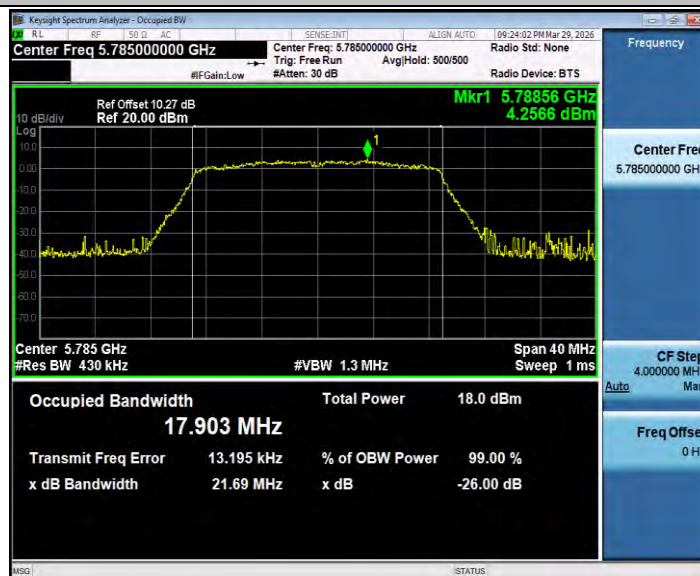
11A_Ant1_5825



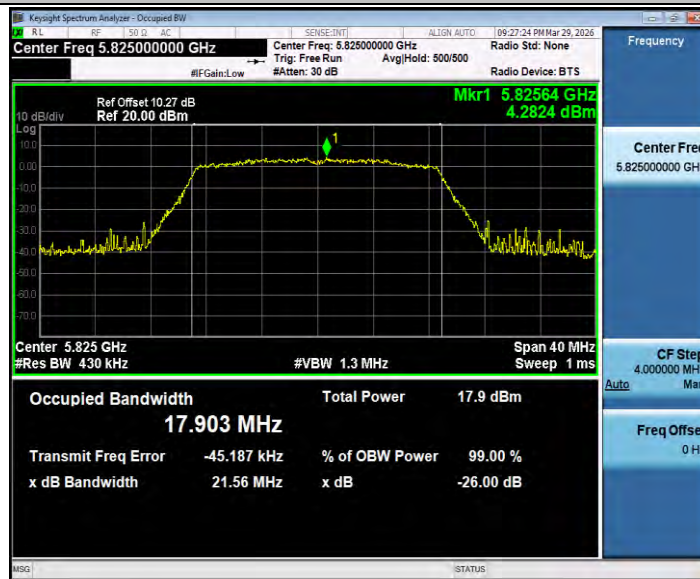
11N20SISO_Ant1_5745



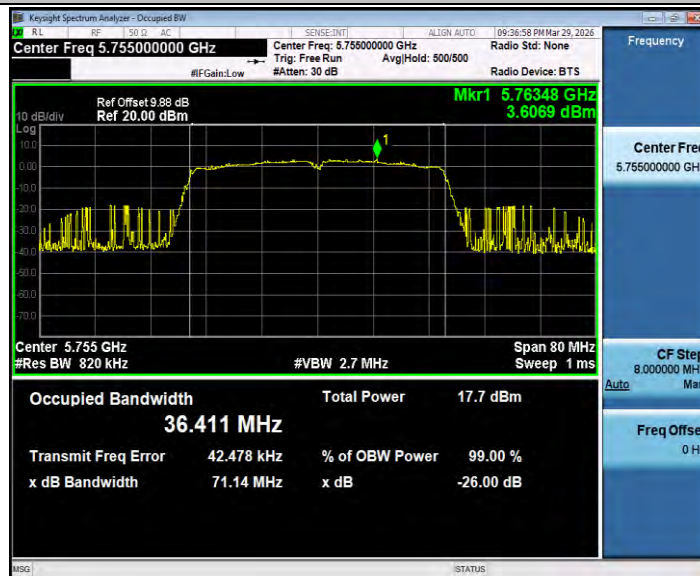
11N20SISO_Ant1_5785



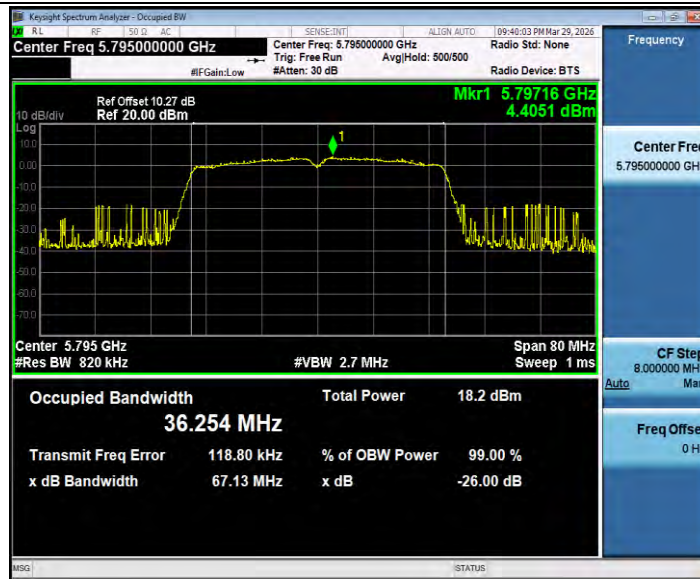
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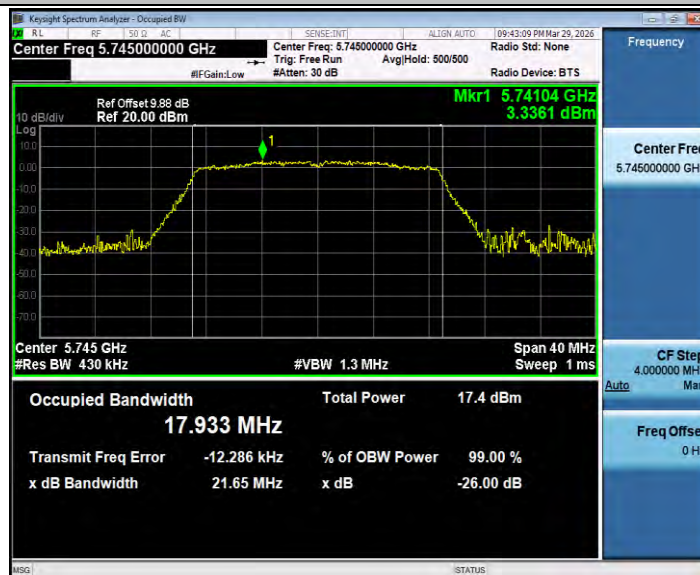
11N40SISO_Ant1_5755



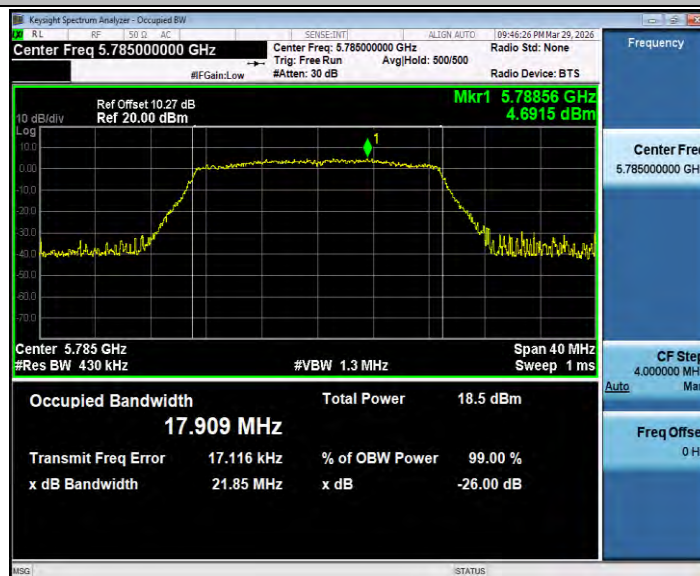
11N40SISO_Ant1_5795



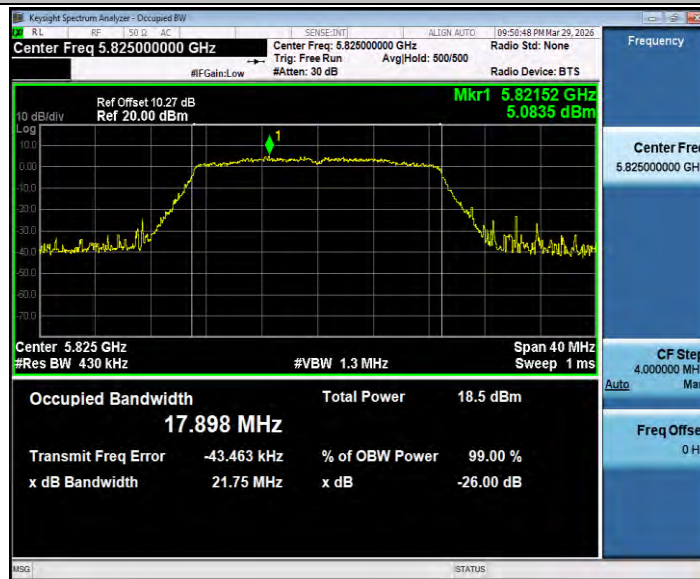
11AC20SISO_Ant1_5745



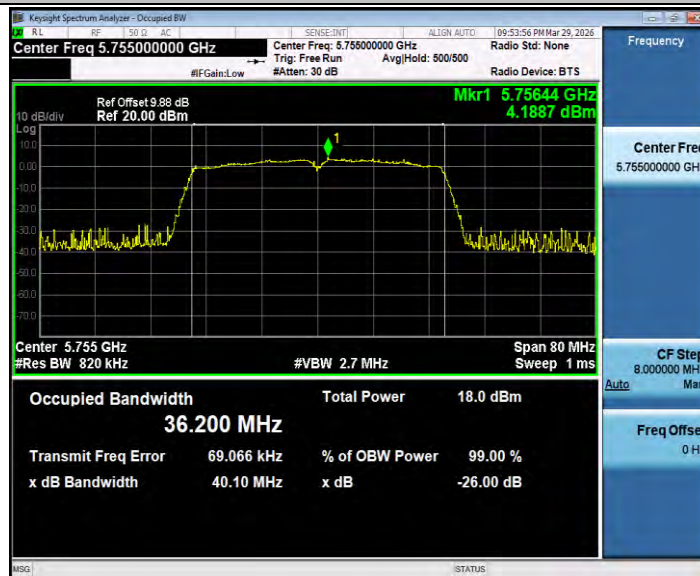
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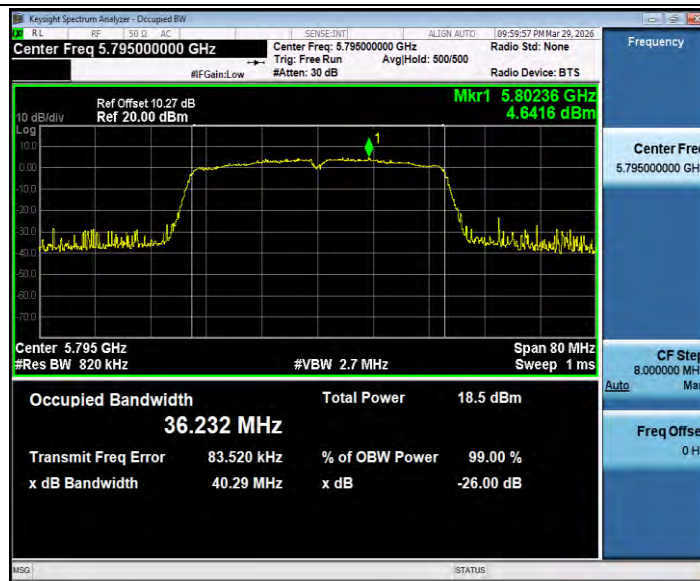
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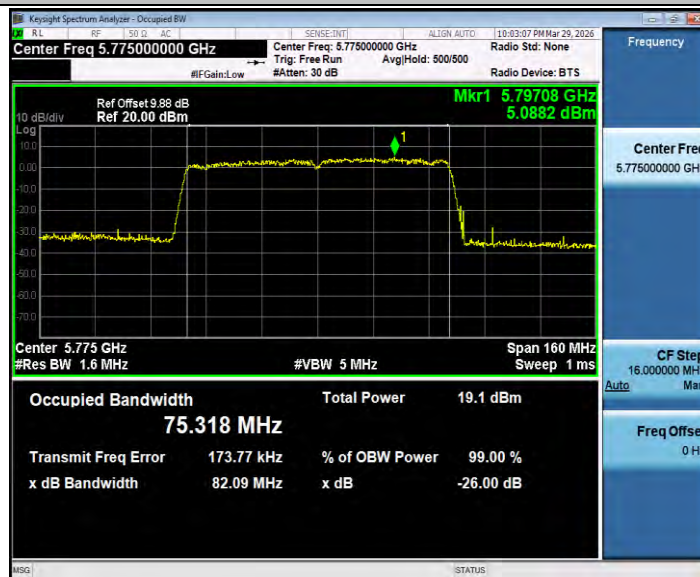
11AC40SISO_Ant1_5755



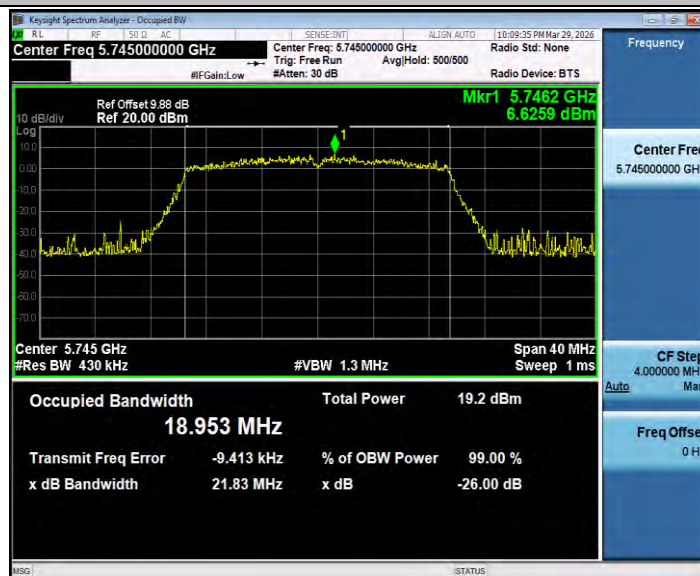
11AC40SISO_Ant1_5795



11AC80SISO_Ant1_5775



11AX20SISO_Ant1_5745



11AX20SISO_Ant1_5785



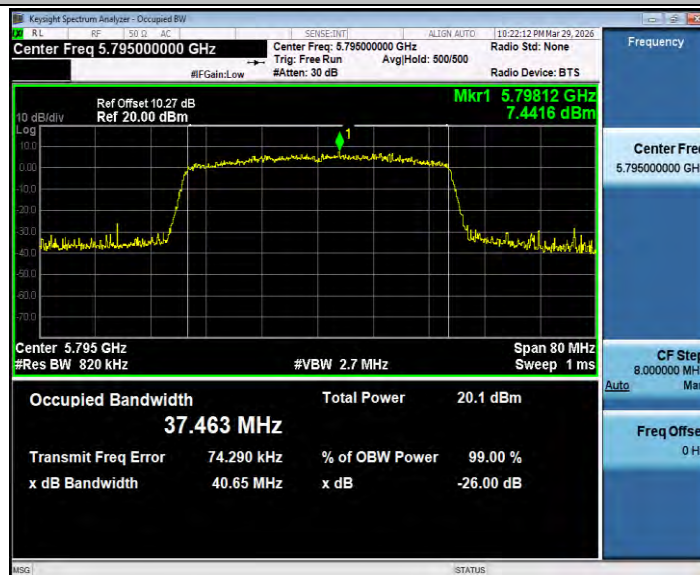
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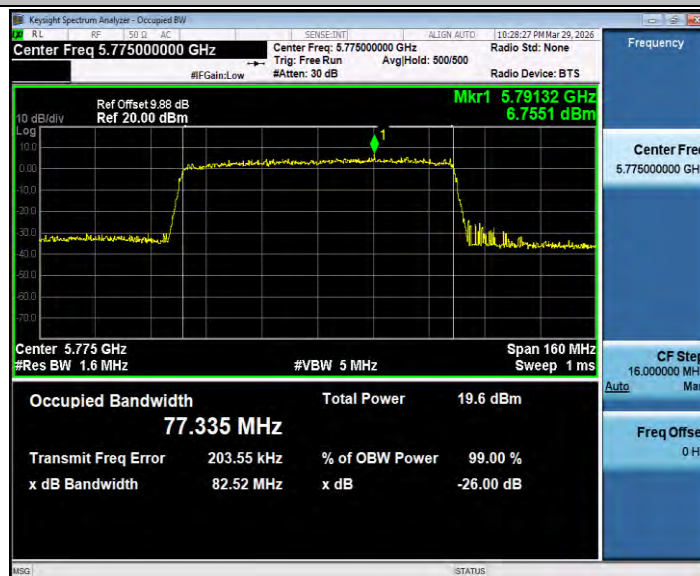
11AX40SISO_Ant1_5755



11AX40ISO_Ant1_5795



11AX80ISO_Ant1_5775

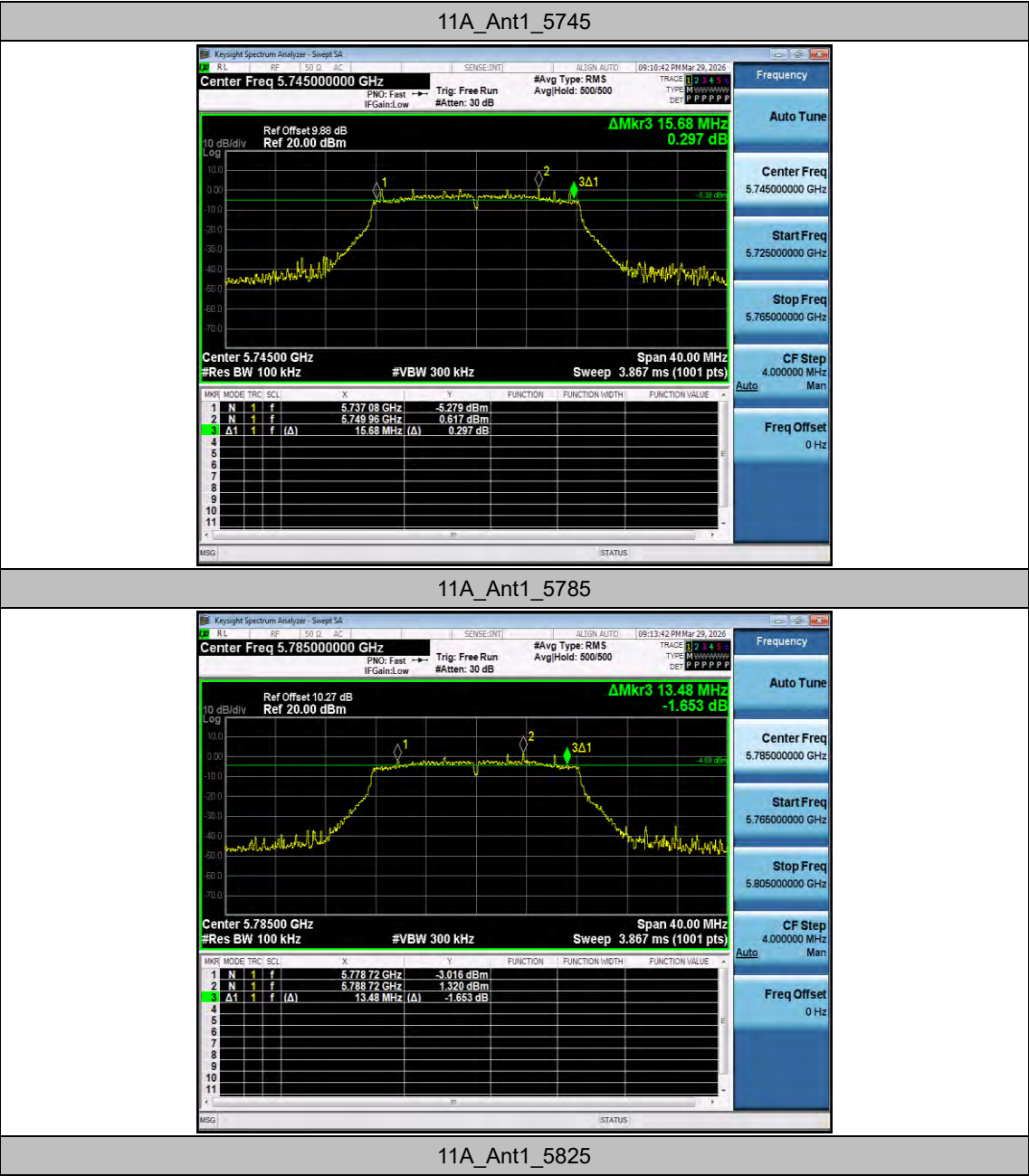


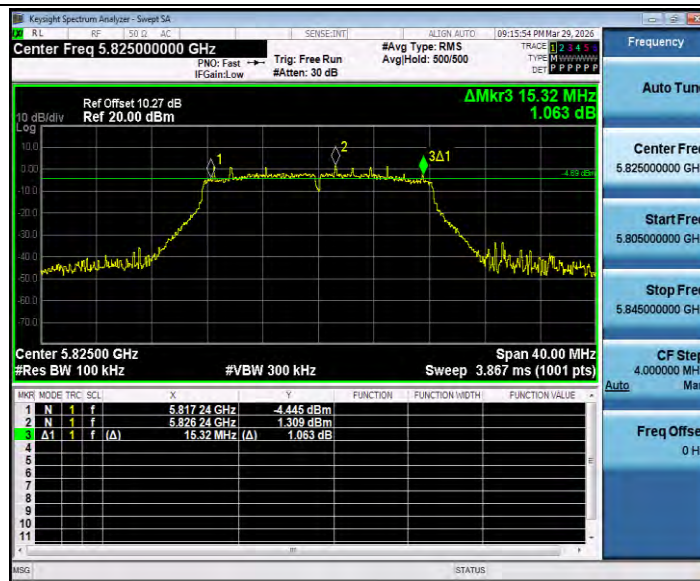
Appendix G.2: Min emission bandwidth

Test Result B4

TestMode	Antenna	Freq(MHz)	6db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5745	15.680	5737.080	5752.760	0.5	PASS
		5785	13.480	5778.720	5792.200	0.5	PASS
		5825	15.320	5817.240	5832.560	0.5	PASS
11N20SISO	Ant1	5745	16.040	5736.840	5752.880	0.5	PASS
		5785	15.320	5777.400	5792.720	0.5	PASS
		5825	15.280	5817.440	5832.720	0.5	PASS
11N40SISO	Ant1	5755	33.920	5738.680	5772.600	0.5	PASS
		5795	31.280	5777.480	5808.760	0.5	PASS
11AC20SISO	Ant1	5745	14.840	5737.720	5752.560	0.5	PASS
		5785	16.880	5776.560	5793.440	0.5	PASS
		5825	16.000	5816.840	5832.840	0.5	PASS
11AC40SISO	Ant1	5755	35.040	5737.400	5772.440	0.5	PASS
		5795	35.040	5777.480	5812.520	0.5	PASS
11AC80SISO	Ant1	5775	73.760	5738.680	5812.440	0.5	PASS
11AX20SISO	Ant1	5745	17.720	5735.880	5753.600	0.5	PASS
		5785	16.080	5777.440	5793.520	0.5	PASS
		5825	16.720	5815.920	5832.640	0.5	PASS
11AX40SISO	Ant1	5755	35.520	5737.240	5772.760	0.5	PASS
		5795	34.880	5778.600	5813.480	0.5	PASS
11AX80SISO	Ant1	5775	75.040	5737.400	5812.440	0.5	PASS

Test Graphs B4





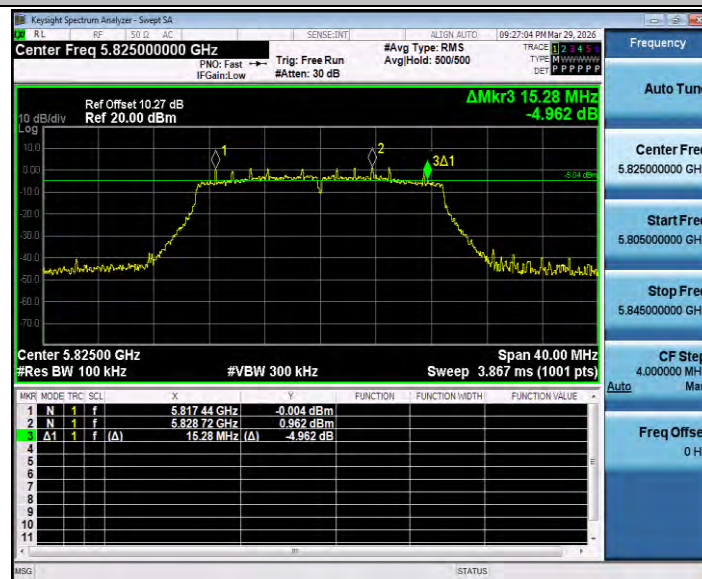
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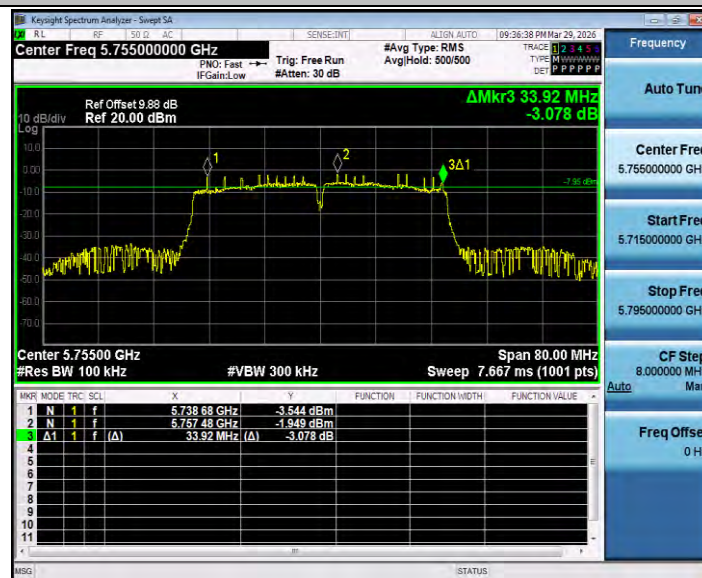
11N20SISO_Ant1_5785



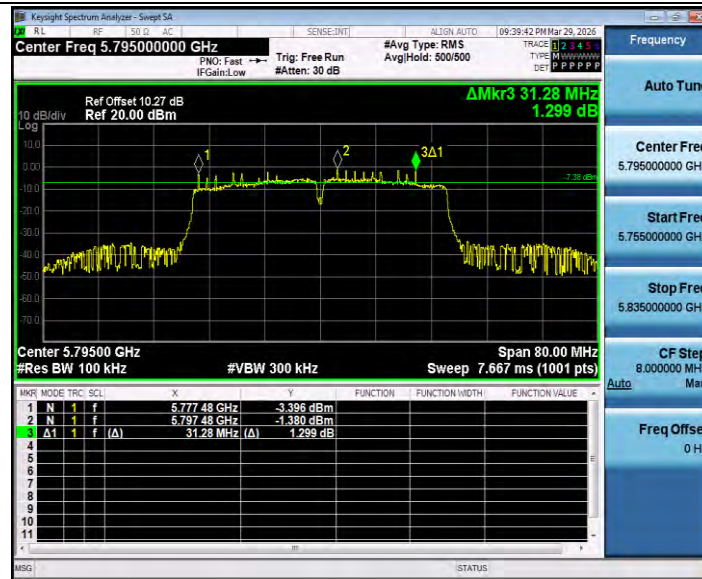
11N20SISO_Ant1_5825



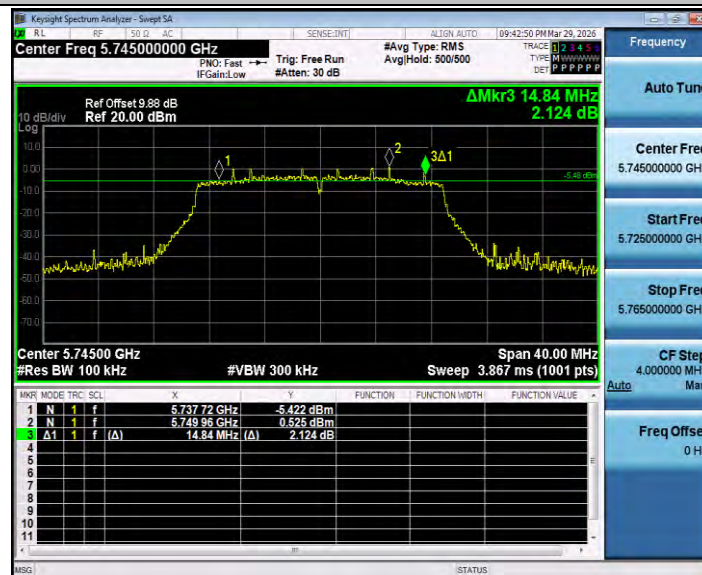
11N40SISO_Ant1_5755



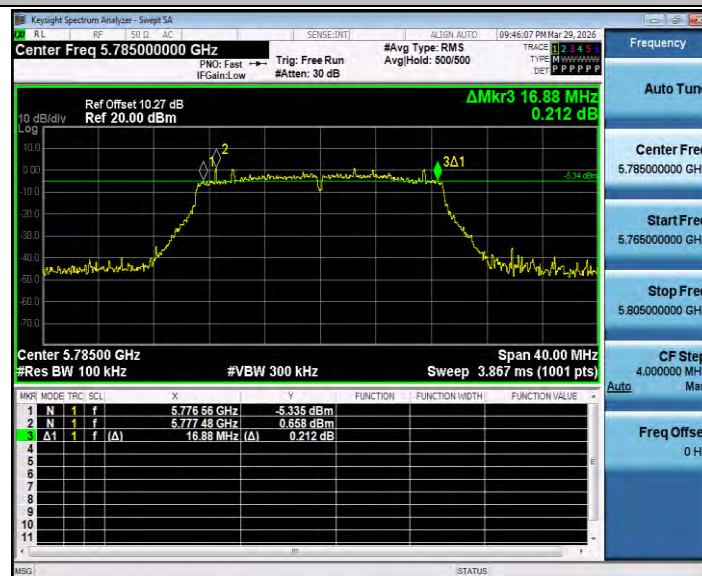
11N40SISO_Ant1_5795



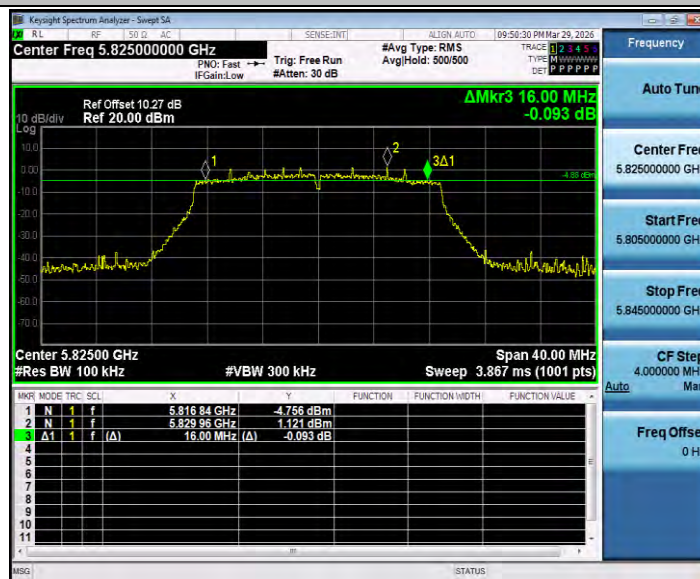
11AC20SISO_Ant1_5745



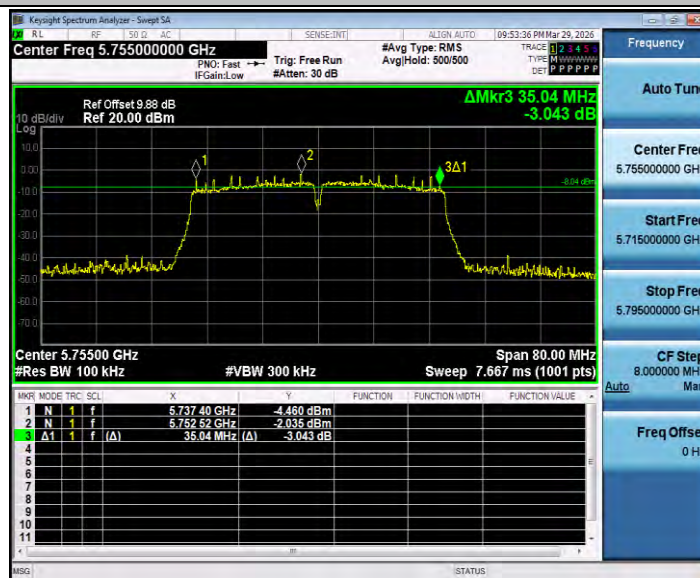
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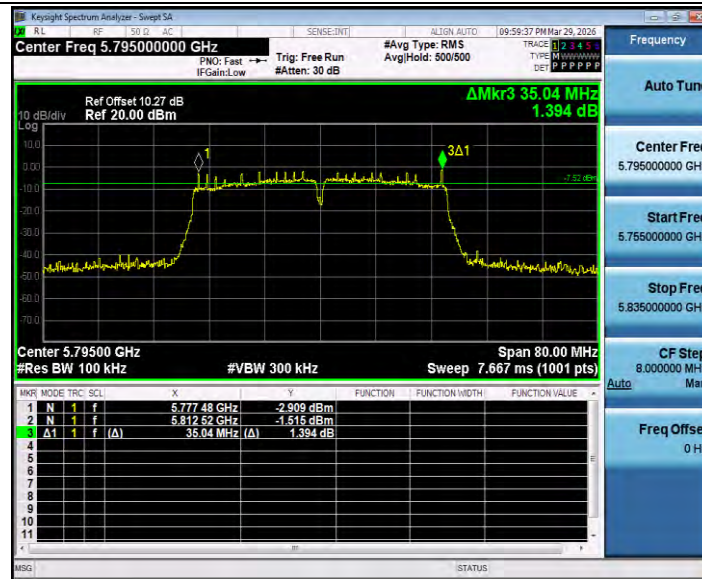
11AC20SISO_Ant1_5825



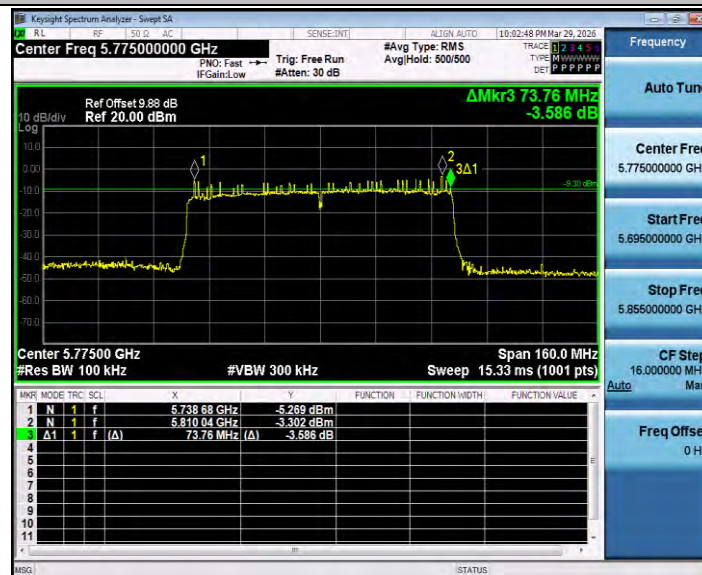
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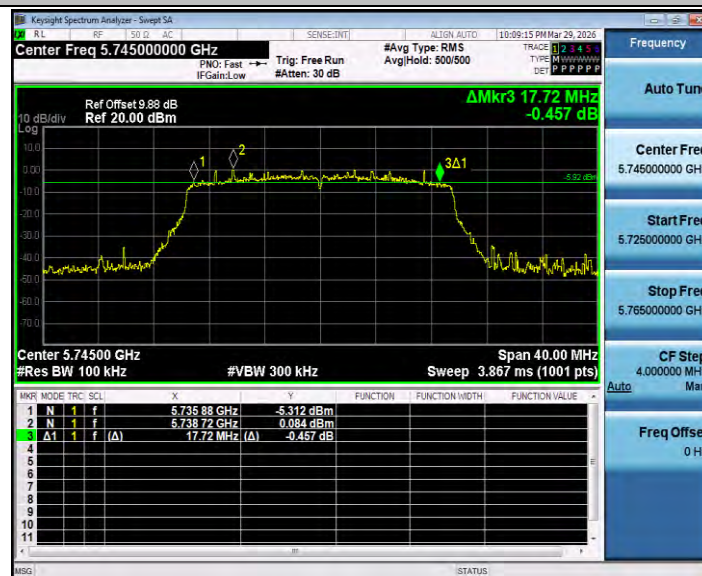
11AC40SISO_Ant1_5795



11AC80SISO_Ant1_5775



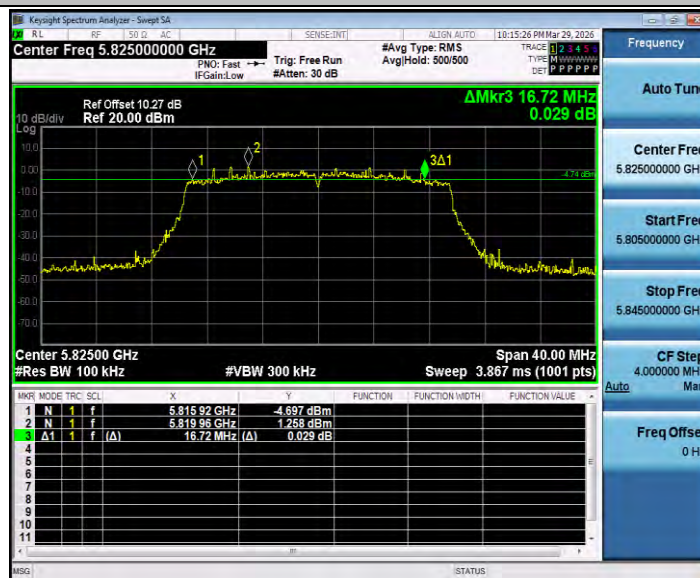
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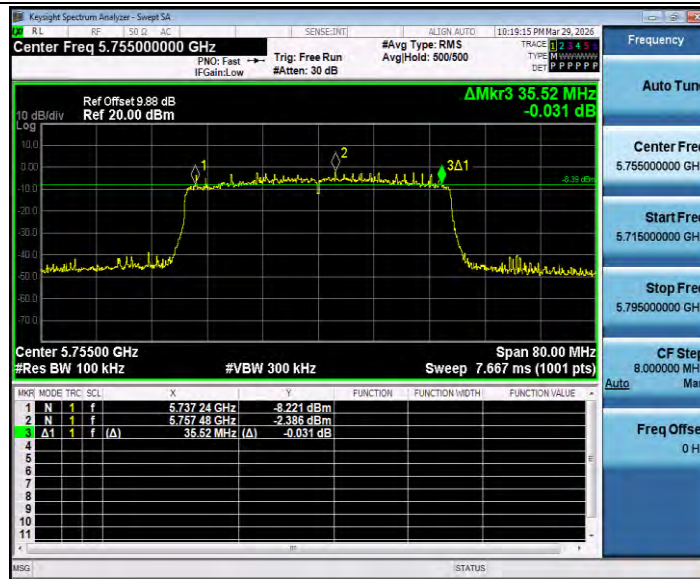
11AX20SISO_Ant1_5785



11AX20SISO_Ant1_5825



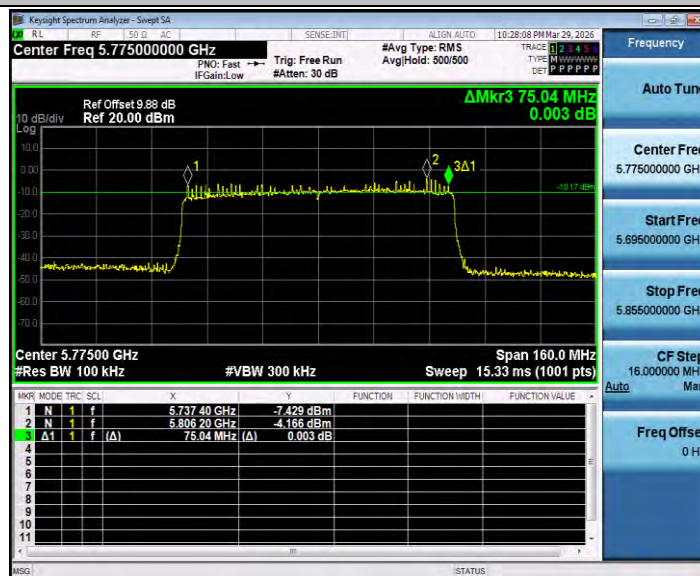
11AX40SISO_Ant1_5755



11AX40ISO_Ant1_5795



11AX80ISO_Ant1_5775

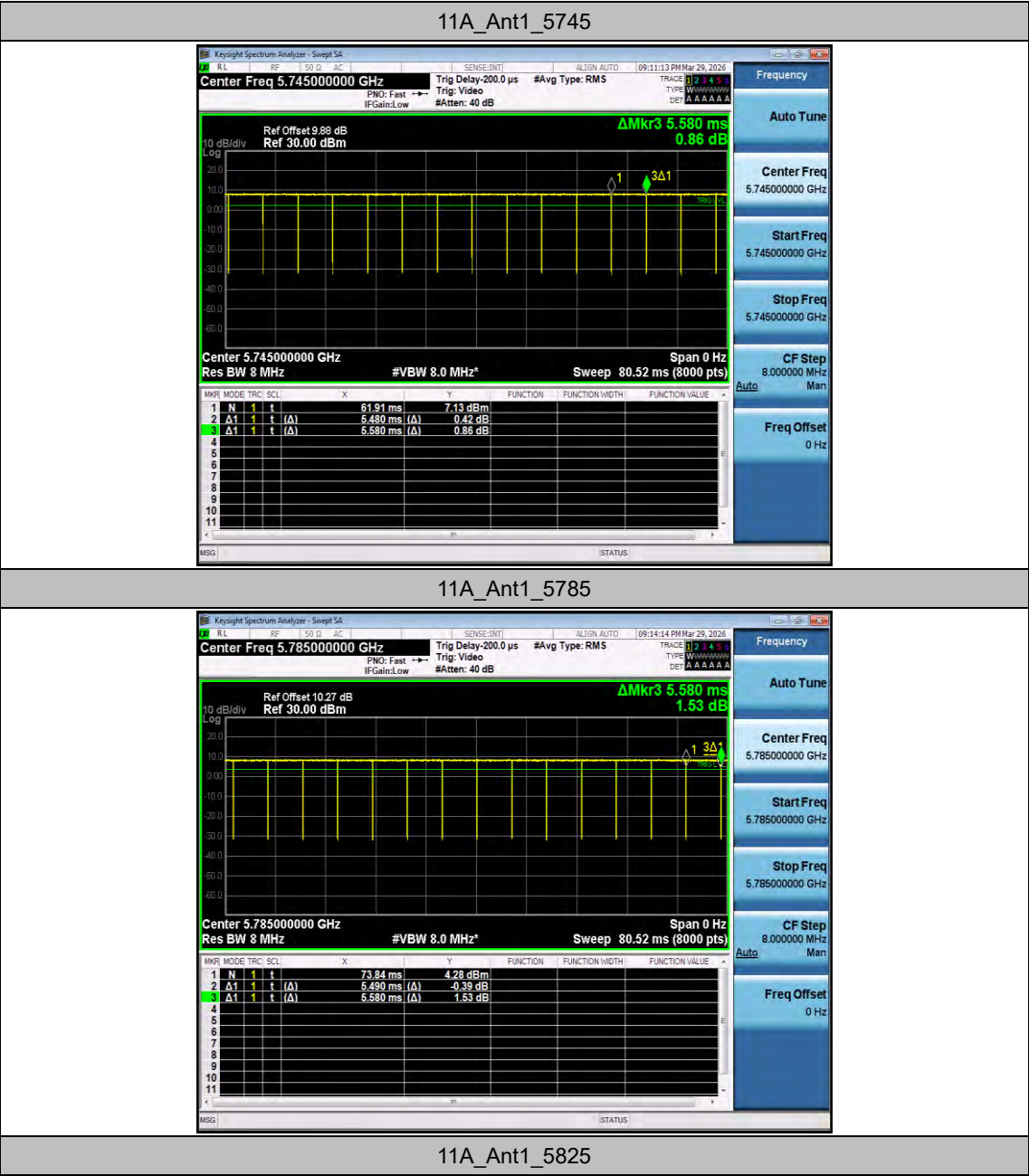


AppendixG.3: Duty Cycle

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	5.48	5.58	98.21	0.08	0.18
		5785	5.49	5.58	98.39	0.07	0.18
		5825	5.48	5.58	98.21	0.08	0.18
11N20SISO	Ant1	5745	5.36	5.45	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	Ant1	5755	5.14	5.23	98.28	0.08	0.19
		5795	5.14	5.23	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	5.37	5.46	98.35	0.07	0.19
11AC40SISO	Ant1	5755	5.15	5.24	98.28	0.08	0.19
		5795	5.16	5.25	98.29	0.07	0.19
11AC80SISO	Ant1	5775	4.75	4.84	98.14	0.08	0.21
11AX20SISO	Ant1	5745	4.64	4.73	98.10	0.08	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	4.63	4.72	98.09	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

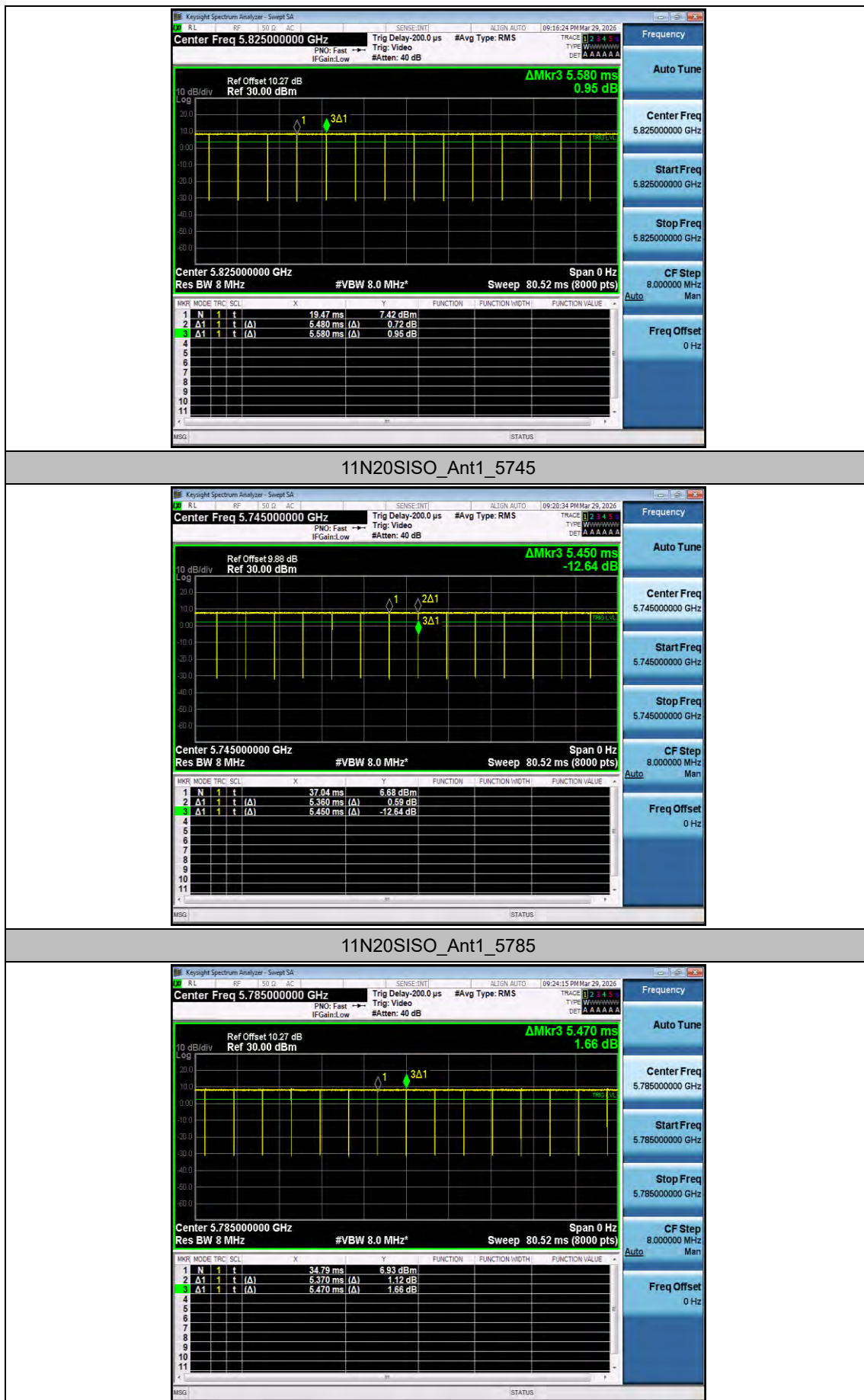
Test Graphs



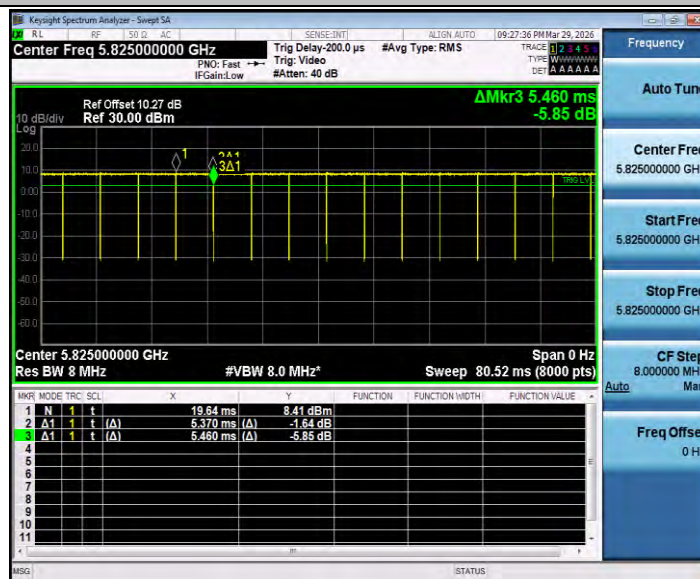
11A_Ant1_5785

Frequency
Auto Tune
Center Freq 5.785000000 GHz
Start Freq 5.785000000 GHz
Stop Freq 5.785000000 GHz
CF Step 8.000000 MHz
Freq Offset 0 Hz

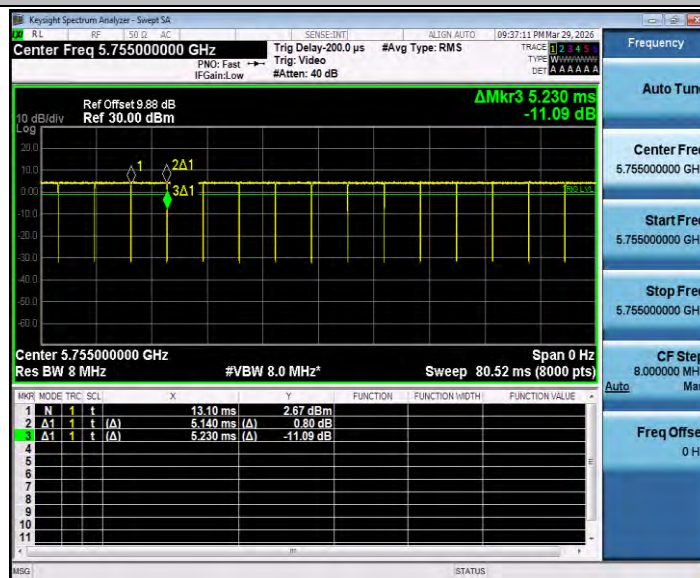
11A_Ant1_5825



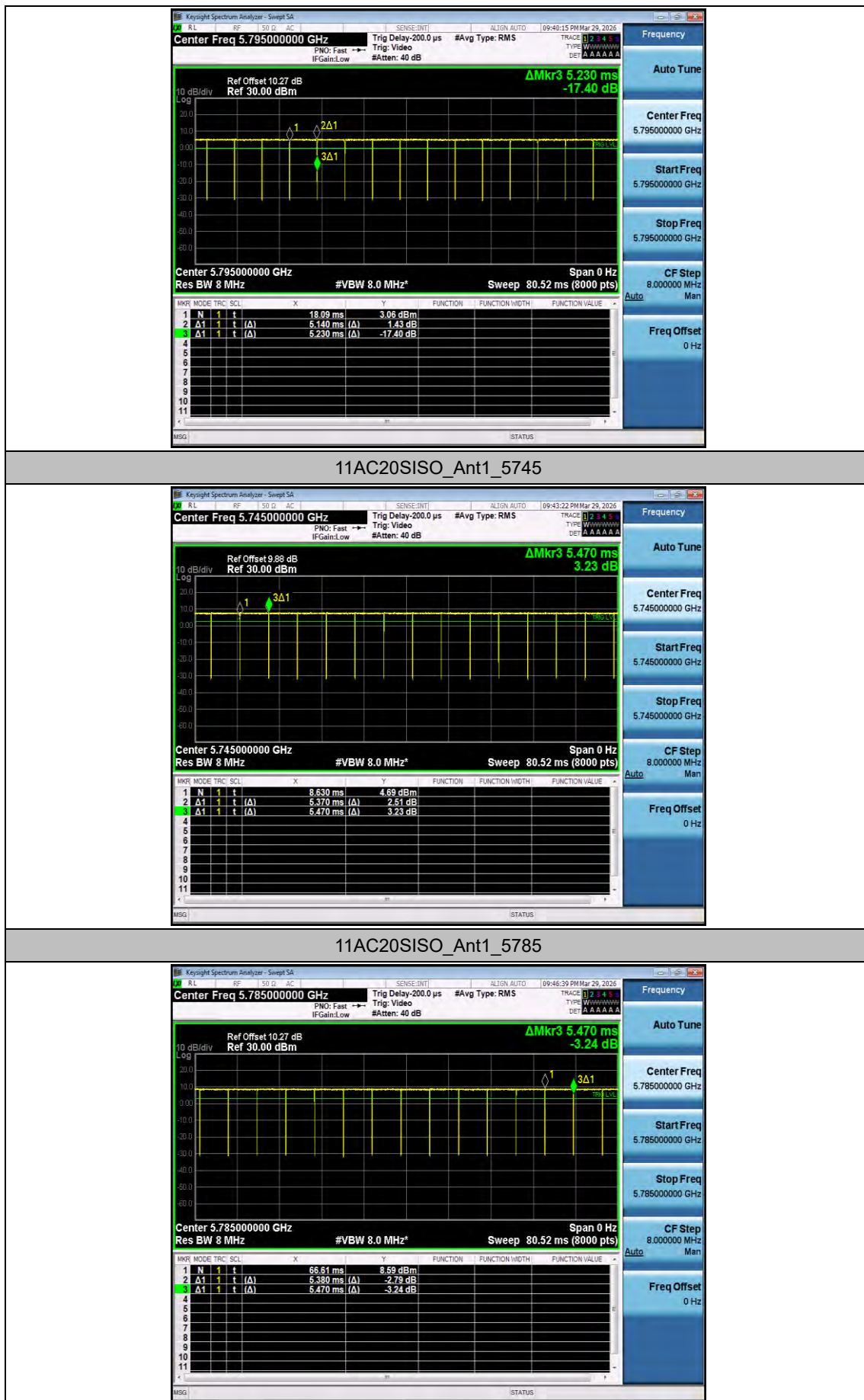
11N20SISO_Ant1_5825



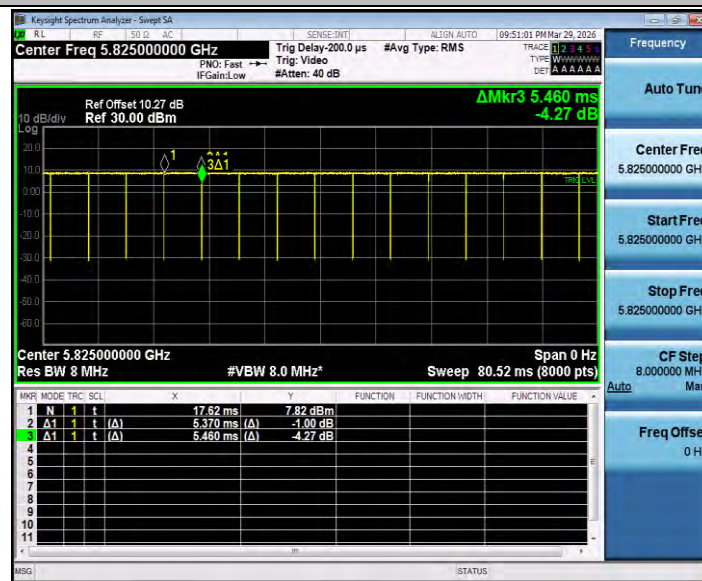
11N40SISO_Ant1_5755



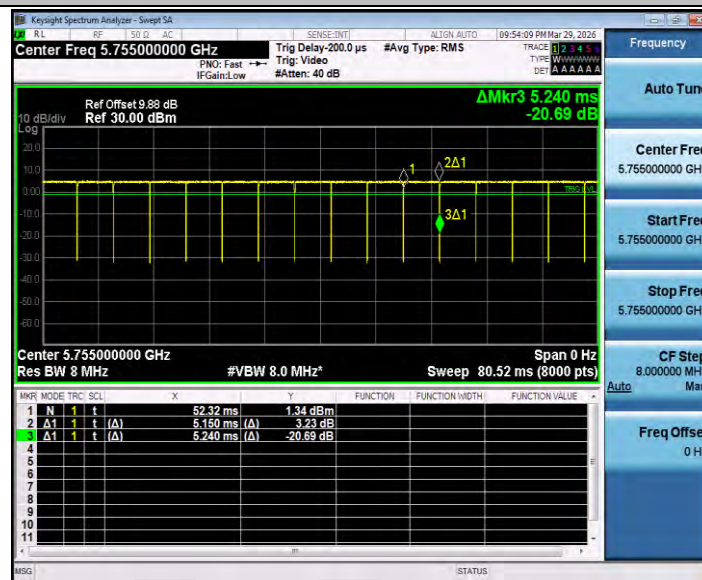
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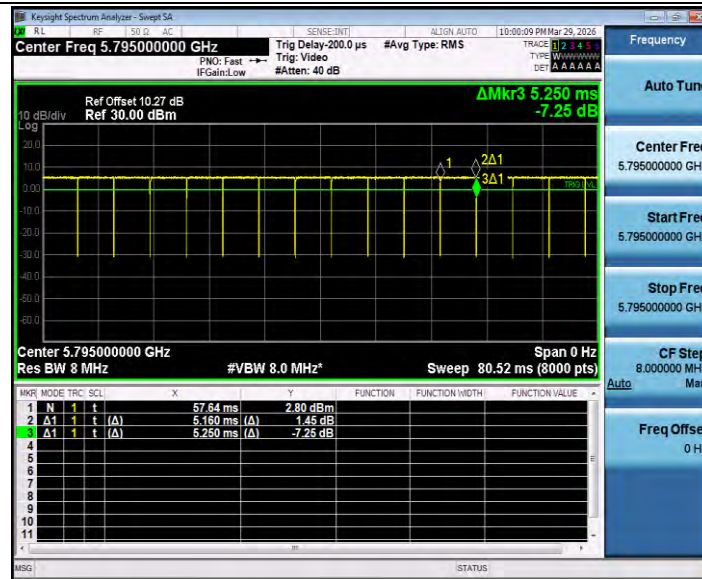
11AC20SISO_Ant1_5825



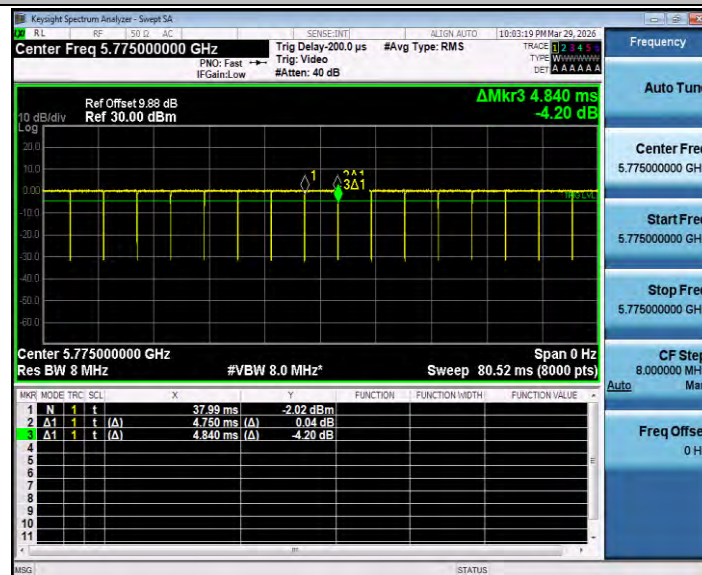
11AC40SISO_Ant1_5755



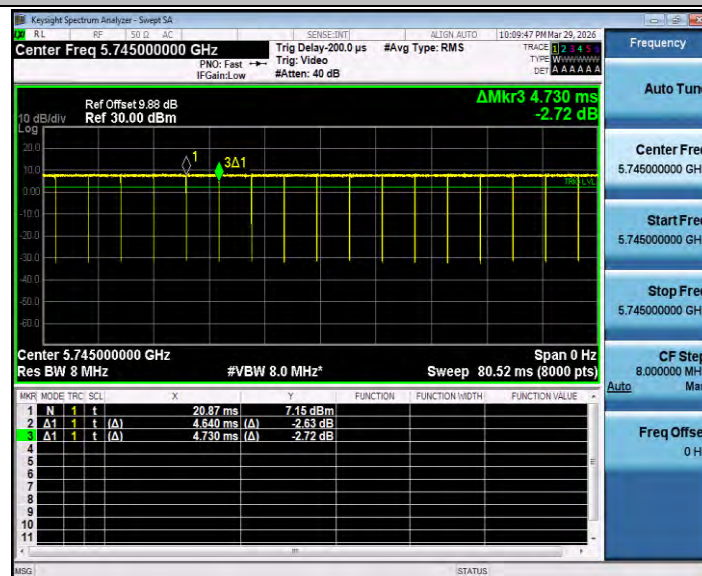
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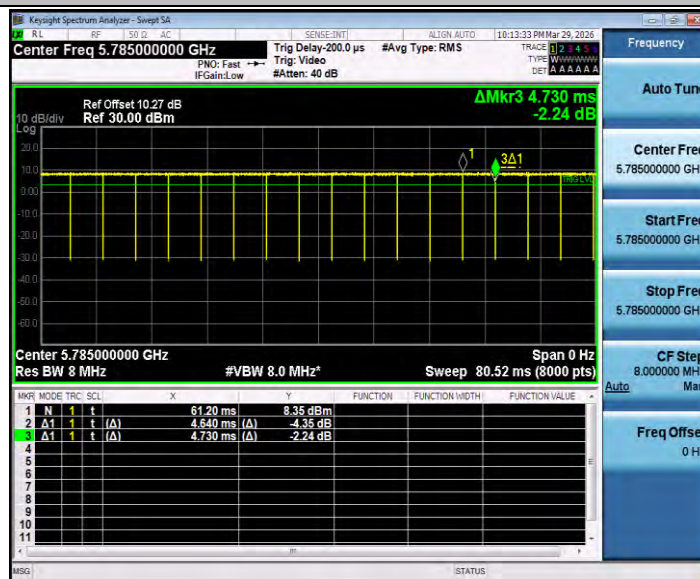
11AC80SISO_Ant1_5775



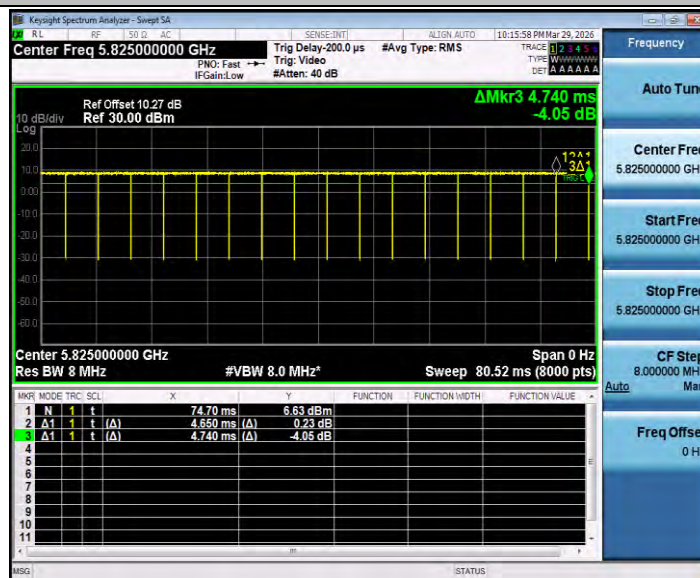
11AX20SISO_Ant1_5745



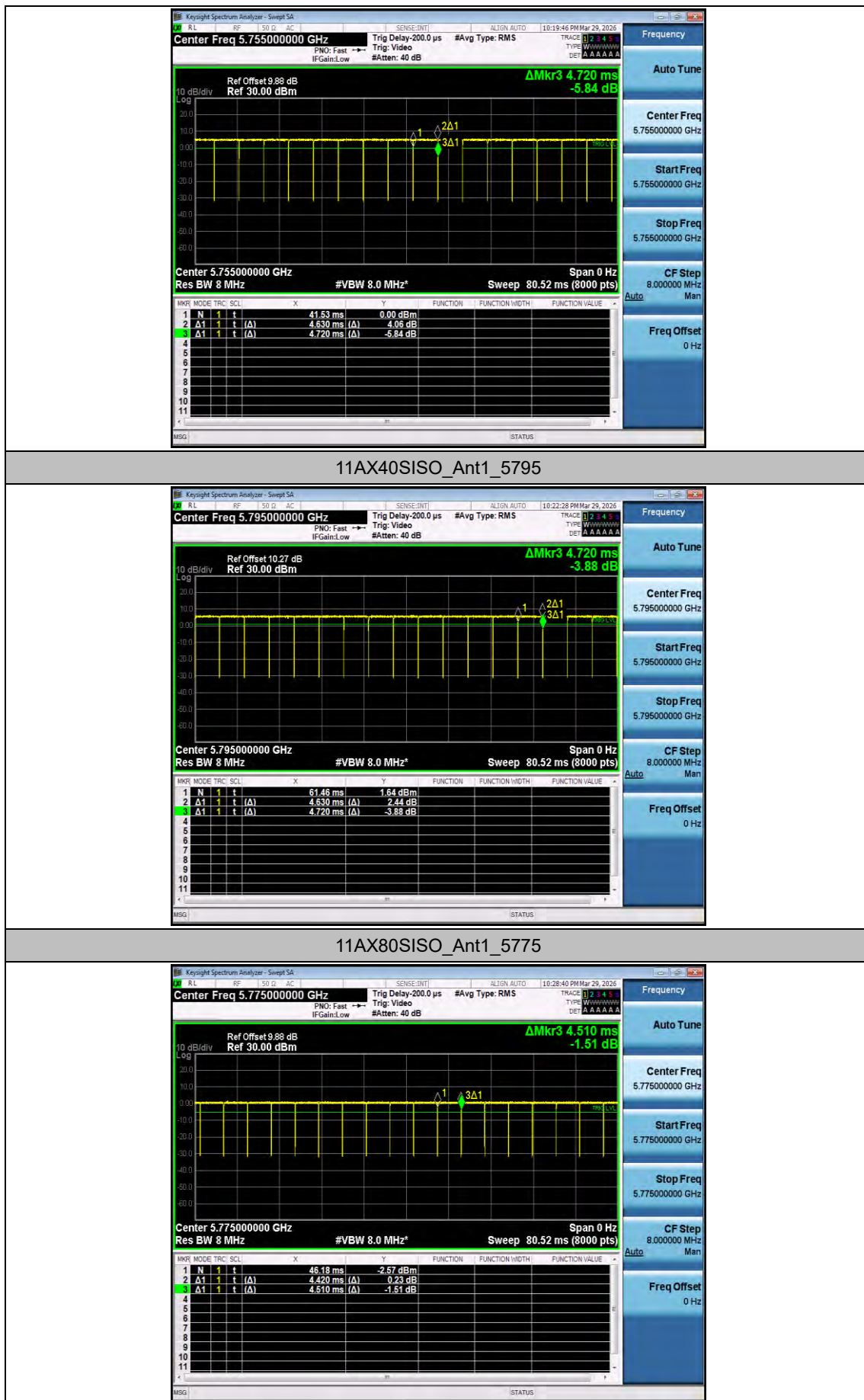
11AX20SISO_Ant1_5785



11AX20SISO_Ant1_5825



11AX40SISO_Ant1_5755



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	10.99	98.21	0.08	11.07	≤30.00	PASS
		5785	11.38	98.39	0.07	11.45	≤30.00	PASS
		5825	11.41	98.21	0.08	11.49	≤30.00	PASS
11N20SISO	Ant1	5745	10.34	98.35	0.07	10.41	≤30.00	PASS
		5785	11.15	98.17	0.08	11.23	≤30.00	PASS
		5825	11.15	98.35	0.07	11.22	≤30.00	PASS
11N40SISO	Ant1	5755	10.20	98.28	0.08	10.28	≤30.00	PASS
		5795	10.86	98.28	0.08	10.94	≤30.00	PASS
11AC20SISO	Ant1	5745	10.74	98.17	0.08	10.82	≤30.00	PASS
		5785	11.59	98.35	0.07	11.66	≤30.00	PASS
		5825	11.79	98.35	0.07	11.86	≤30.00	PASS
11AC40SISO	Ant1	5755	10.63	98.28	0.08	10.71	≤30.00	PASS
		5795	11.12	98.29	0.07	11.19	≤30.00	PASS
11AC80SISO	Ant1	5775	10.00	98.14	0.08	10.08	≤30.00	PASS
11AX20SISO	Ant1	5745	10.80	98.10	0.08	10.88	≤30.00	PASS
		5785	11.37	98.10	0.08	11.45	≤30.00	PASS
		5825	11.82	98.10	0.08	11.90	≤30.00	PASS
11AX40SISO	Ant1	5755	10.66	98.09	0.08	10.74	≤30.00	PASS
		5795	11.28	98.09	0.08	11.36	≤30.00	PASS
11AX80SISO	Ant1	5775	10.27	98.00	0.09	10.36	≤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	-2.94	≤30.00	PASS
		5785	-2.78	≤30.00	PASS
		5825	-2.61	≤30.00	PASS
11N20SISO	Ant1	5745	-3.36	≤30.00	PASS
		5785	-2.86	≤30.00	PASS
		5825	-2.68	≤30.00	PASS
11N40SISO	Ant1	5755	-6.37	≤30.00	PASS
		5795	-5.60	≤30.00	PASS
11AC20SISO	Ant1	5745	-3.51	≤30.00	PASS
		5785	-2.48	≤30.00	PASS
		5825	-2.30	≤30.00	PASS
11AC40SISO	Ant1	5755	-5.92	≤30.00	PASS
		5795	-5.24	≤30.00	PASS
11AC80SISO	Ant1	5775	-9.84	≤30.00	PASS
11AX20SISO	Ant1	5745	-3.44	≤30.00	PASS
		5785	-2.82	≤30.00	PASS
		5825	-2.43	≤30.00	PASS
11AX40SISO	Ant1	5755	-6.36	≤30.00	PASS
		5795	-5.60	≤30.00	PASS
11AX80SISO	Ant1	5775	-9.96	≤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

