

Case No. : <u>GTS20250225016-1-08</u>	
Ambient Condition: <u>22</u> °C, <u>48</u> %RH	
According Standard: ■Part15E	
Test Date: <u>2025.4.29</u>	Test Engineer: <u>Evan ouyang</u>

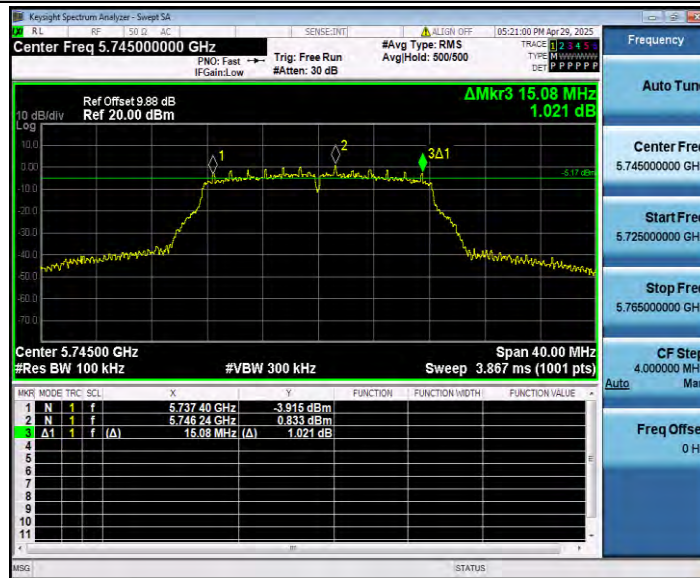
Appendix E.1: Min emission bandwidth

Test Result B4

TestMode	Antenna	Freq(MHz)	6db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5745	15.080	5737.400	5752.480	0.5	PASS
		5785	15.120	5777.400	5792.520	0.5	PASS
		5825	15.120	5817.400	5832.520	0.5	PASS
11N20SISO	Ant1	5745	15.080	5737.440	5752.520	0.5	PASS
		5785	15.120	5777.400	5792.520	0.5	PASS
		5825	15.080	5817.440	5832.520	0.5	PASS
11N40SISO	Ant1	5755	35.120	5737.400	5772.520	0.5	PASS
		5795	35.120	5777.400	5812.520	0.5	PASS
11AC20SISO	Ant1	5745	15.040	5737.400	5752.440	0.5	PASS
		5785	15.120	5777.400	5792.520	0.5	PASS
		5825	15.000	5817.440	5832.440	0.5	PASS
11AC40SISO	Ant1	5755	35.120	5737.400	5772.520	0.5	PASS
		5795	35.120	5777.400	5812.520	0.5	PASS
11AC80SISO	Ant1	5775	75.200	5737.400	5812.600	0.5	PASS
11AX20SISO	Ant1	5745	15.080	5737.440	5752.520	0.5	PASS
		5785	15.120	5777.400	5792.520	0.5	PASS
		5825	15.080	5817.440	5832.520	0.5	PASS
11AX40SISO	Ant1	5755	35.120	5737.400	5772.520	0.5	PASS
		5795	35.120	5777.400	5812.520	0.5	PASS
11AX80SISO	Ant1	5775	75.040	5737.400	5812.440	0.5	PASS

Test Graphs B4

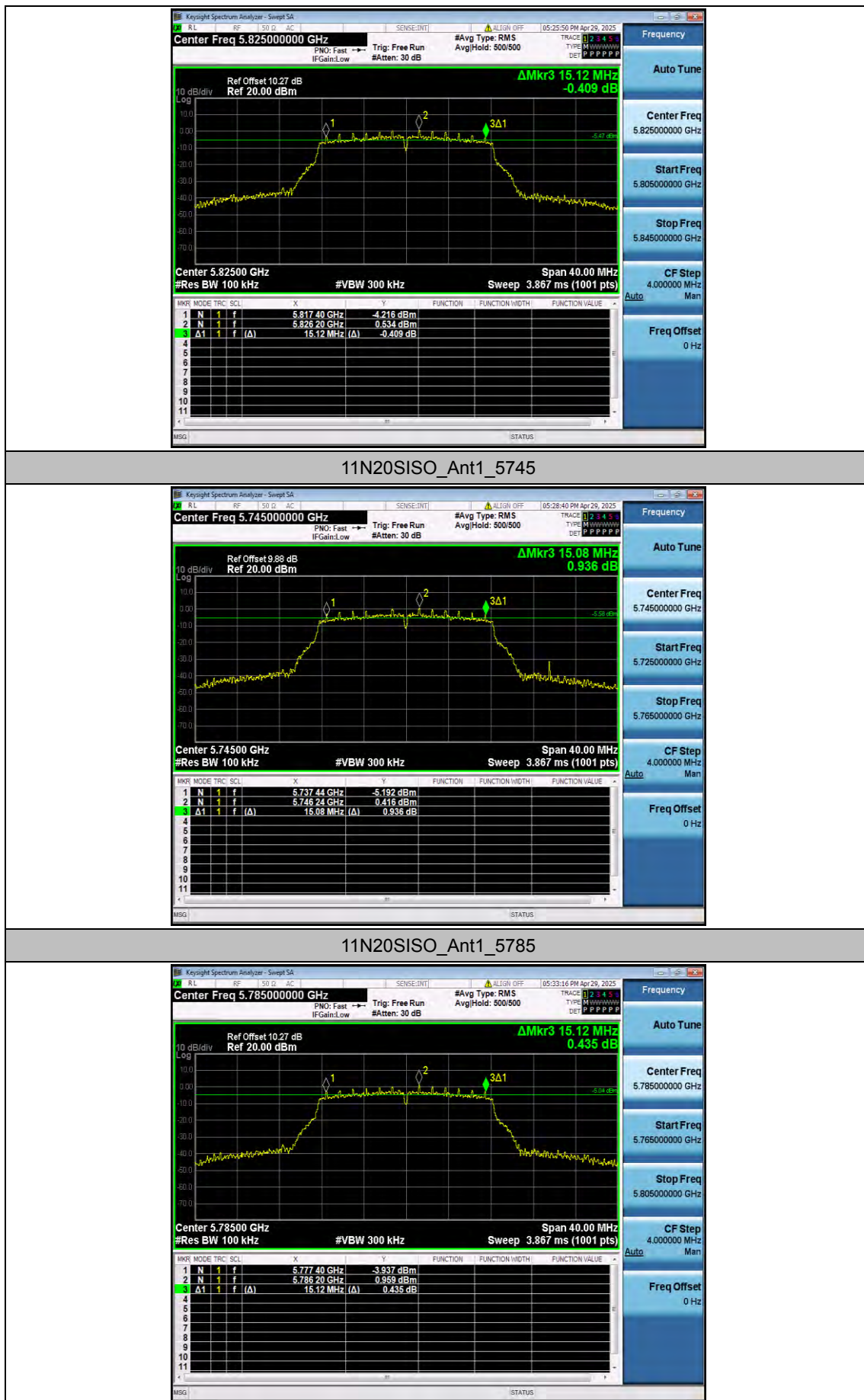
11A_Ant1_5745



11A_Ant1_5785



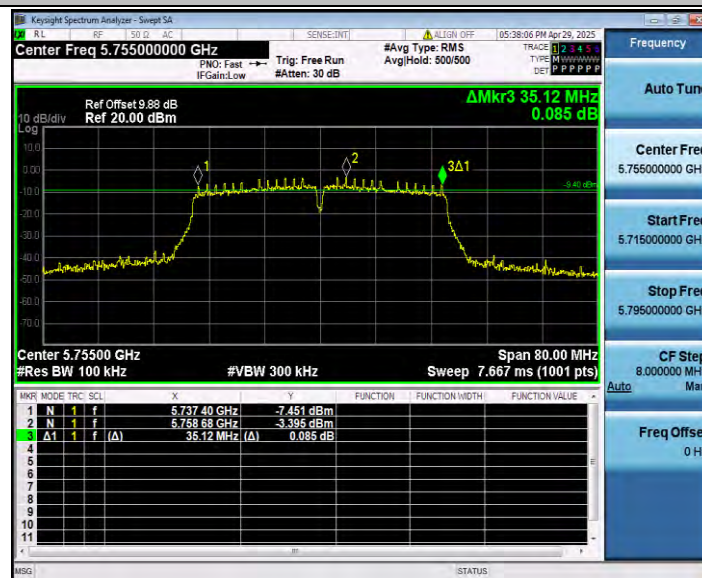
11A_Ant1_5825



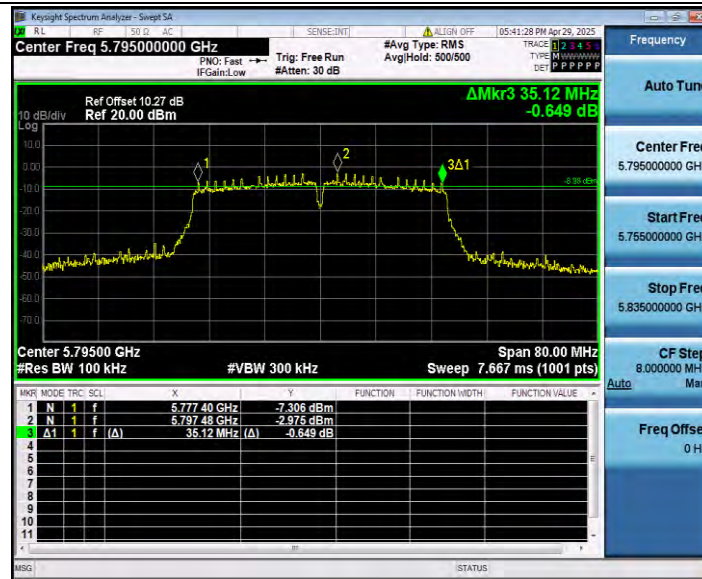
11N20SISO_Ant1_5825



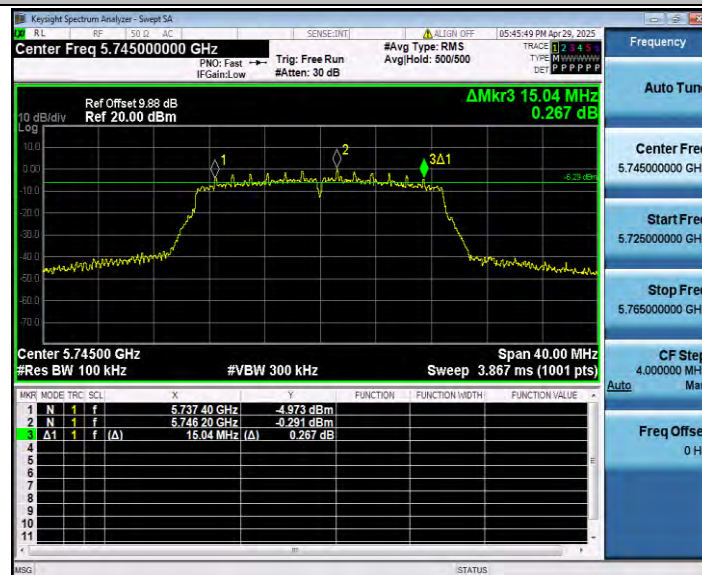
11N40SISO_Ant1_5755



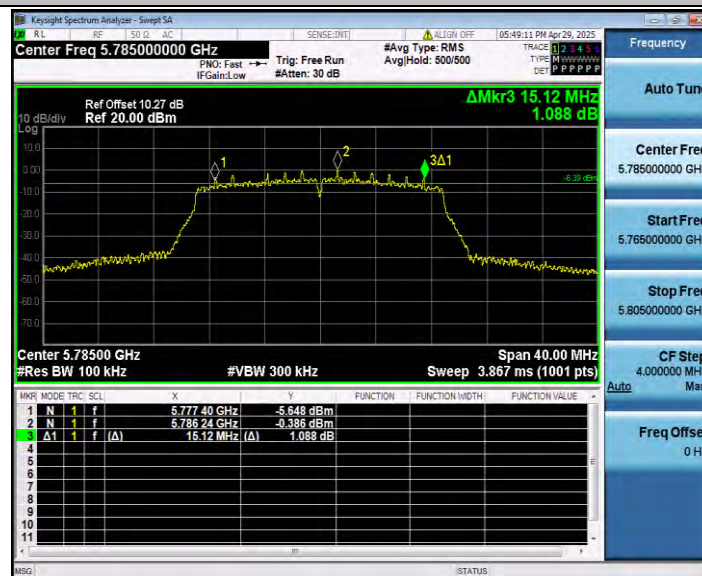
11N40SISO_Ant1_5795



11AC20SISO_Ant1_5745



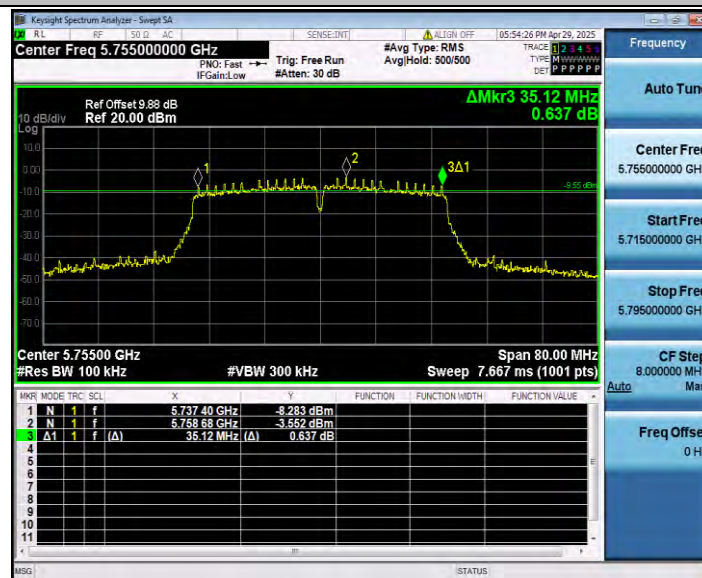
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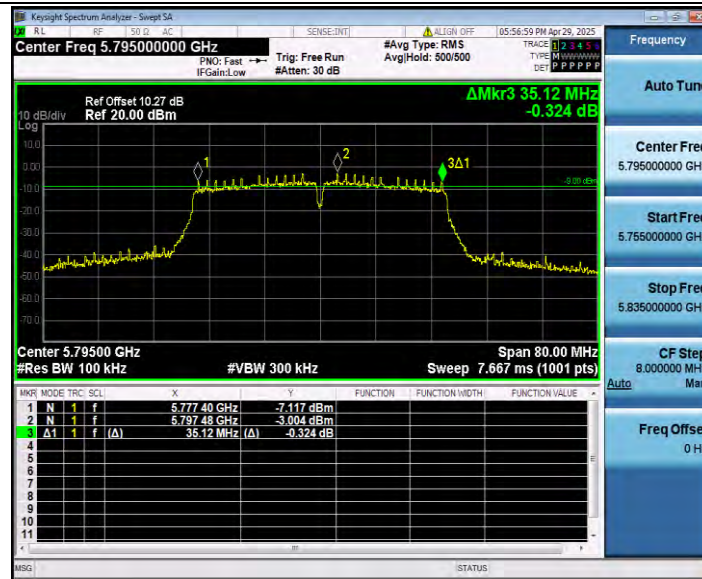
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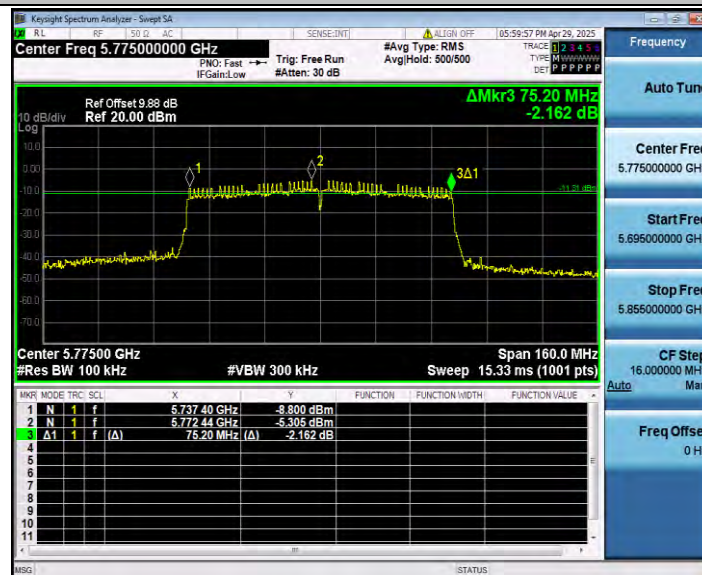
11AC40SISO_Ant1_5755



11AC40SISO_Ant1_5795



11AC80SISO_Ant1_5775



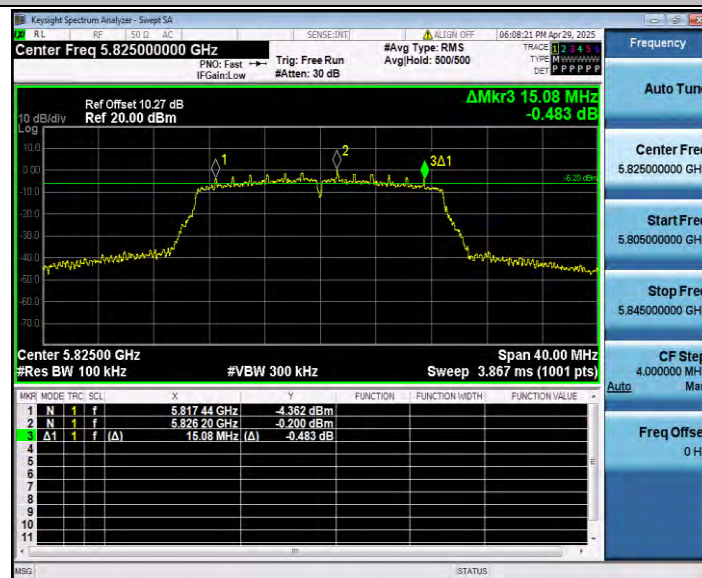
11AX20SISO_Ant1_5745



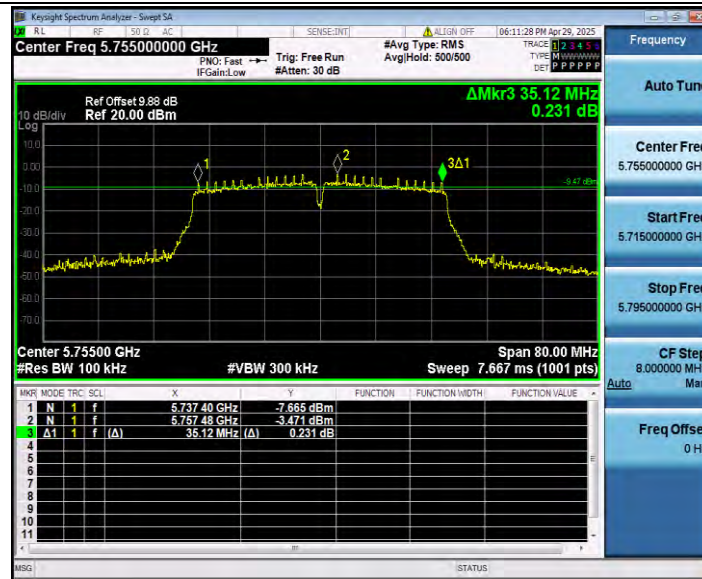
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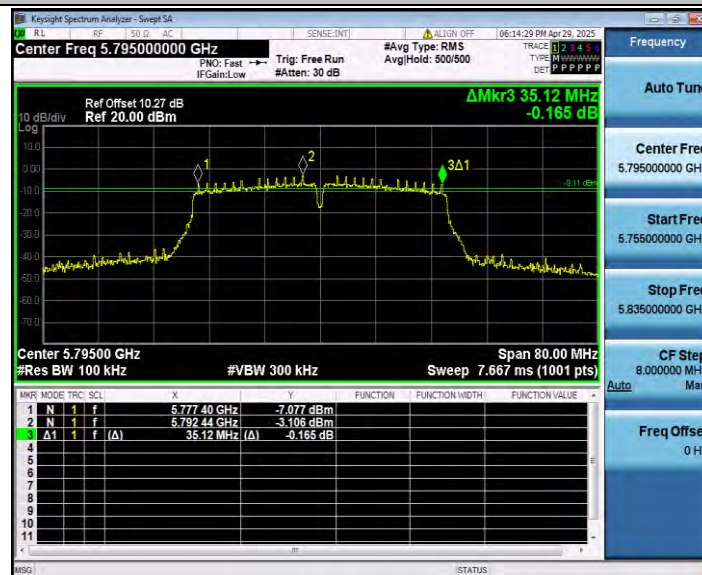
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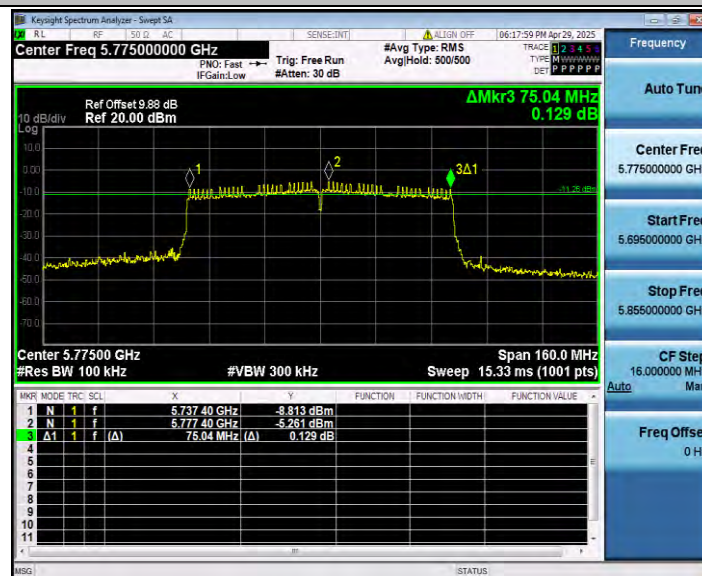
11AX40SISO_Ant1_5755



11AX40SISO_Ant1_5795



11AX80SISO_Ant1_5775



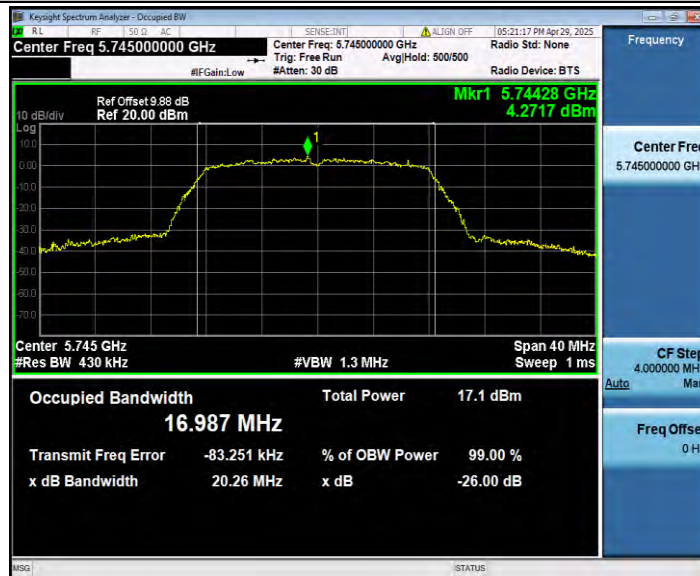
Appendix E.2: Occupied channel bandwidth

Test Result

TestMode	Antenna	Freq(MHz)	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5745	16.987	5736.4233	5753.4103	---	---
		5785	16.971	5776.4299	5793.4009	---	---
		5825	16.971	5816.4146	5833.3856	---	---
11N20SISO	Ant1	5745	16.936	5736.4429	5753.3789	---	---
		5785	16.984	5776.4203	5793.4043	---	---
		5825	16.988	5816.4192	5833.4072	---	---
11N40SISO	Ant1	5755	36.161	5736.8502	5773.0112	---	---
		5795	36.166	5776.8516	5813.0176	---	---
11AC20SISO	Ant1	5745	17.832	5736.0281	5753.8601	---	---
		5785	17.849	5776.0289	5793.8779	---	---
		5825	17.873	5816.0119	5833.8849	---	---
11AC40SISO	Ant1	5755	36.199	5736.8631	5773.0621	---	---
		5795	36.173	5776.8584	5813.0314	---	---
11AC80SISO	Ant1	5775	75.581	5737.1508	5812.7318	---	---
11AX20SISO	Ant1	5745	17.815	5736.0457	5753.8607	---	---
		5785	17.845	5776.0508	5793.8958	---	---
		5825	17.838	5816.0299	5833.8679	---	---
11AX40SISO	Ant1	5755	36.305	5736.8029	5773.1079	---	---
		5795	36.264	5776.8245	5813.0885	---	---
11AX80SISO	Ant1	5775	75.523	5737.2175	5812.7405	---	---

Test Graphs

11A_Ant1_5745



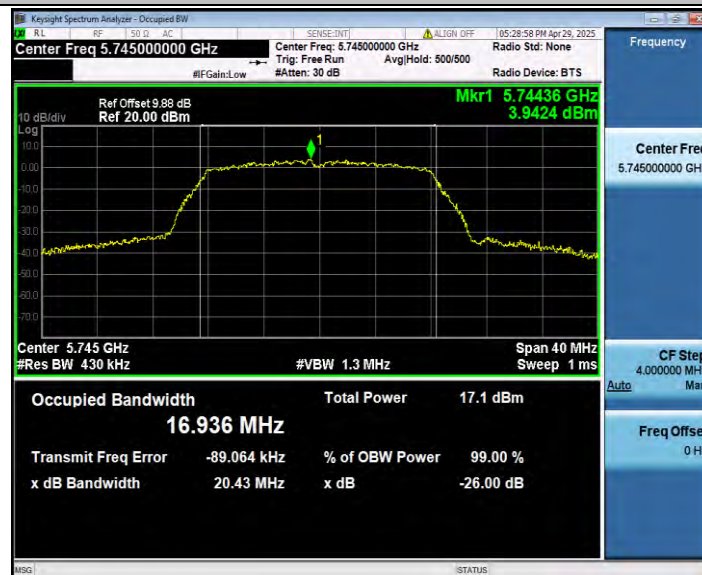
11A_Ant1_5785



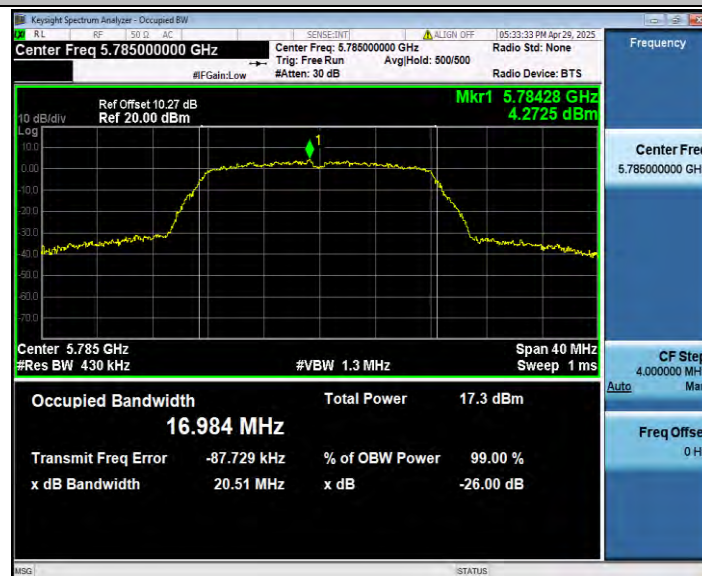
11A_Ant1_5825



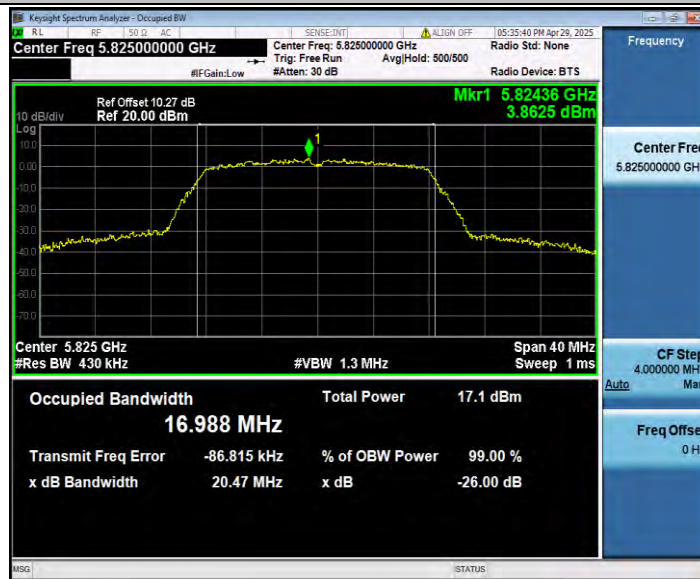
11N20SISO_Ant1_5745



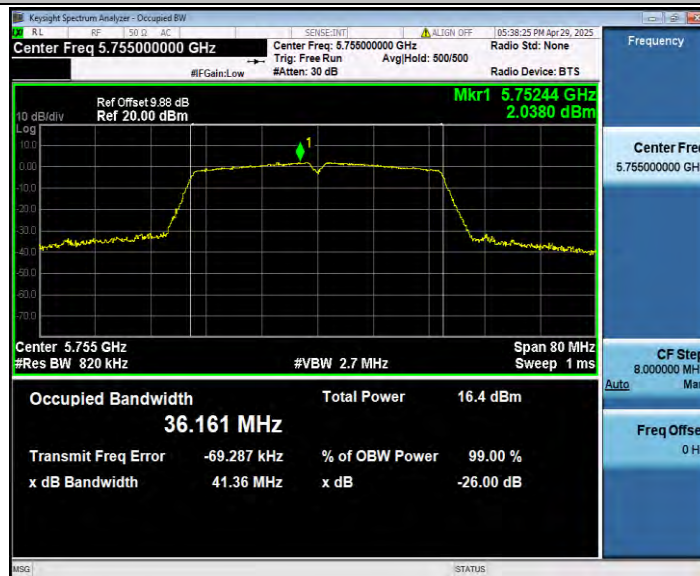
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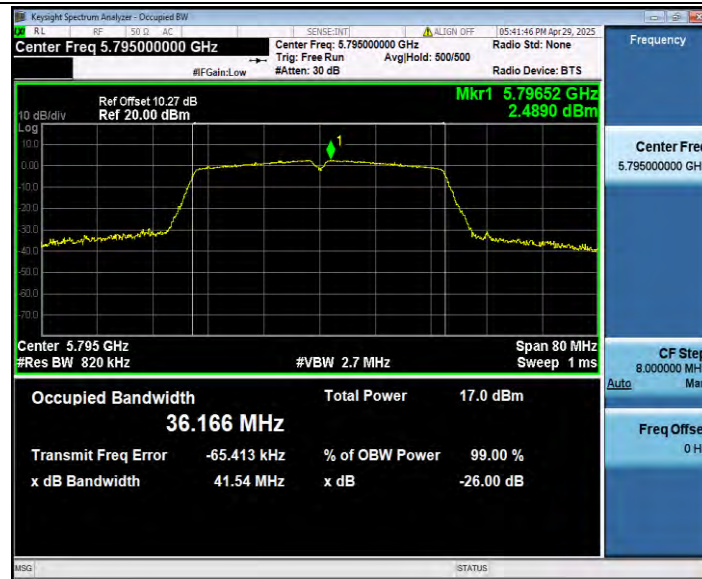
11N20SISO_Ant1_5825



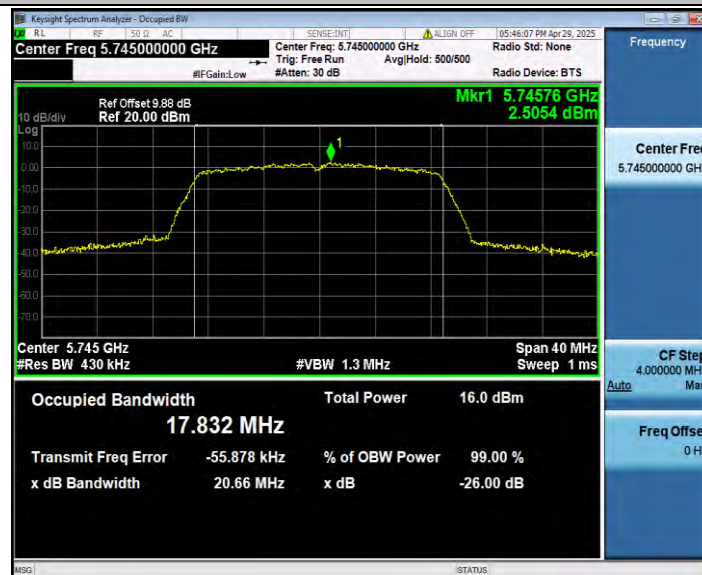
11N40SISO_Ant1_5755



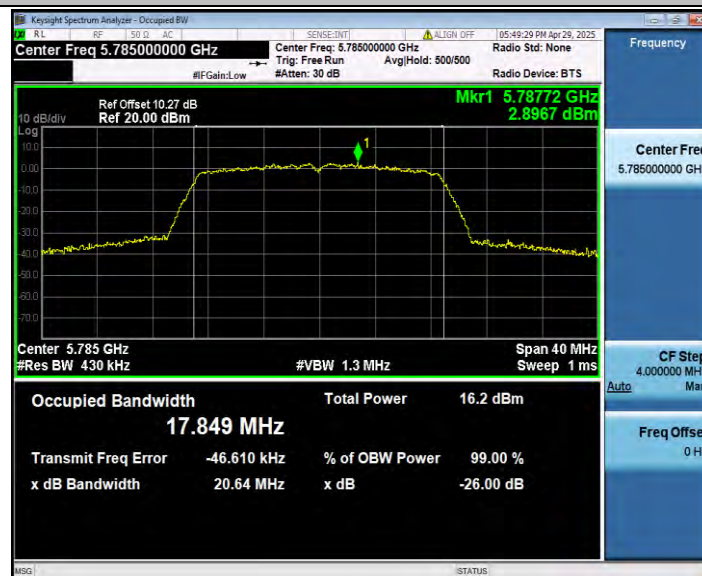
11N40SISO_Ant1_5795



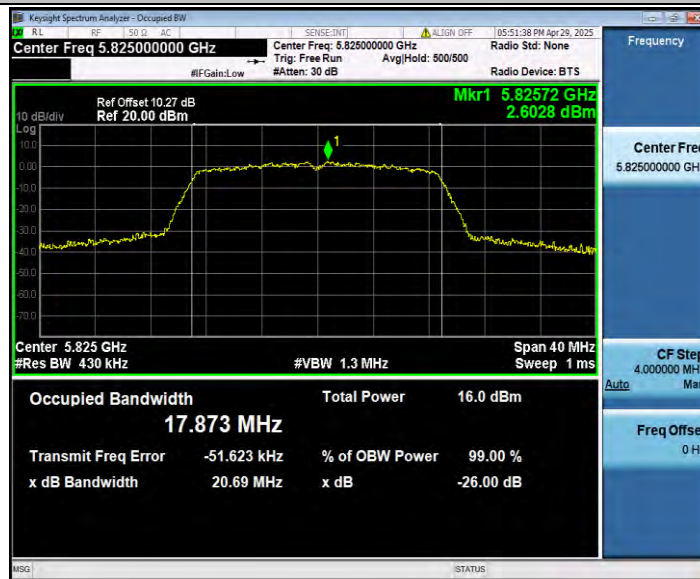
11AC20SISO_Ant1_5745



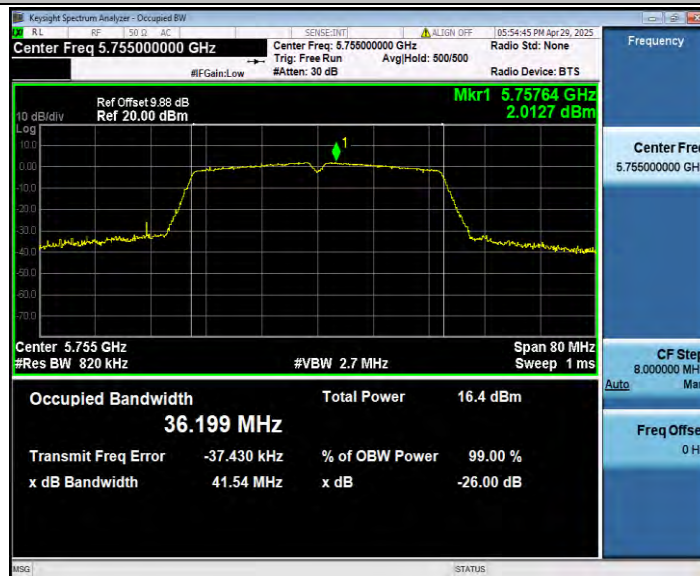
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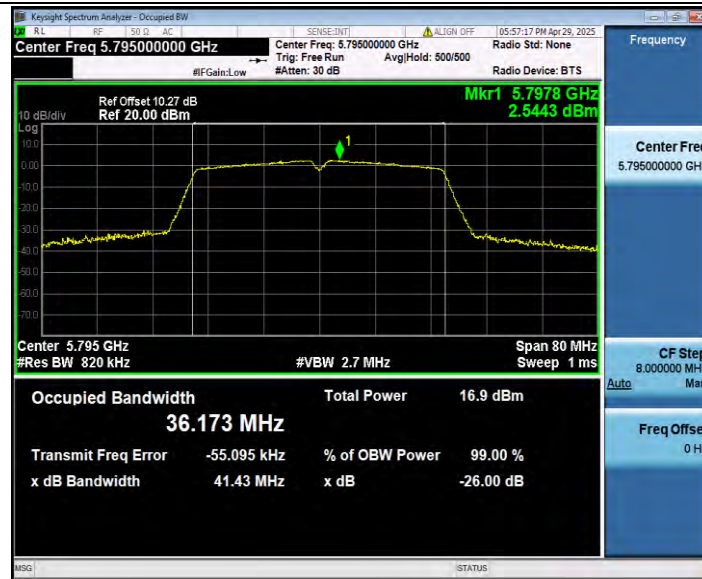
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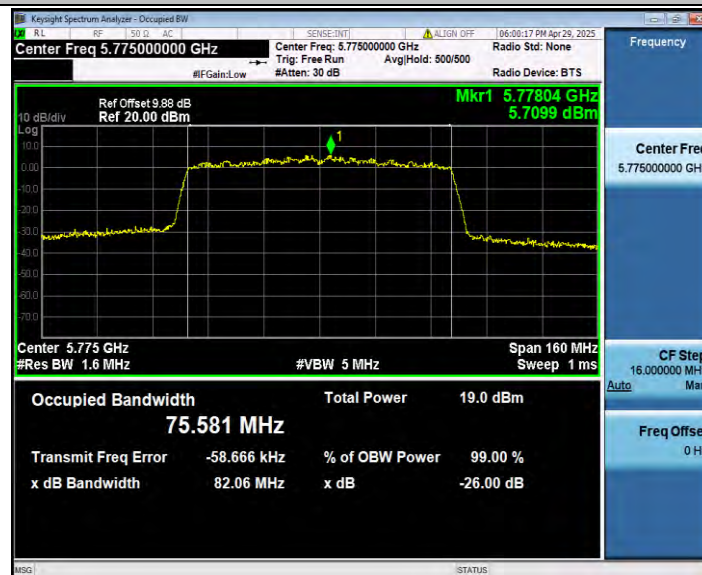
11AC40SISO_Ant1_5755



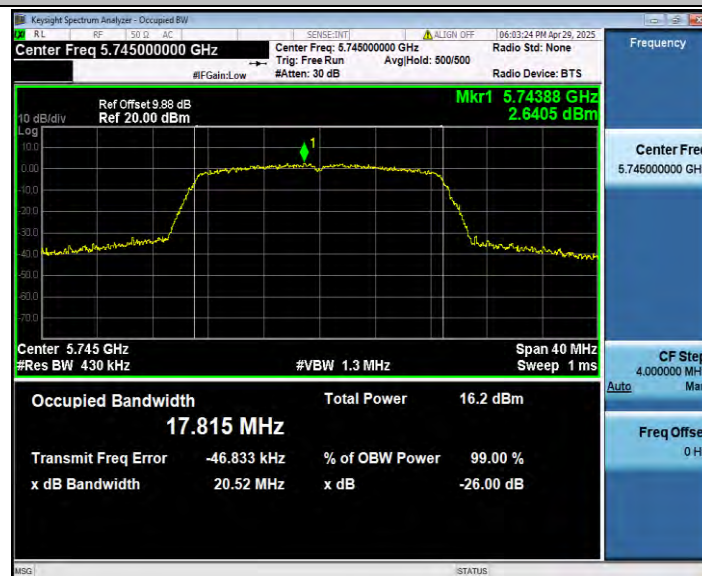
11AC40SISO_Ant1_5795

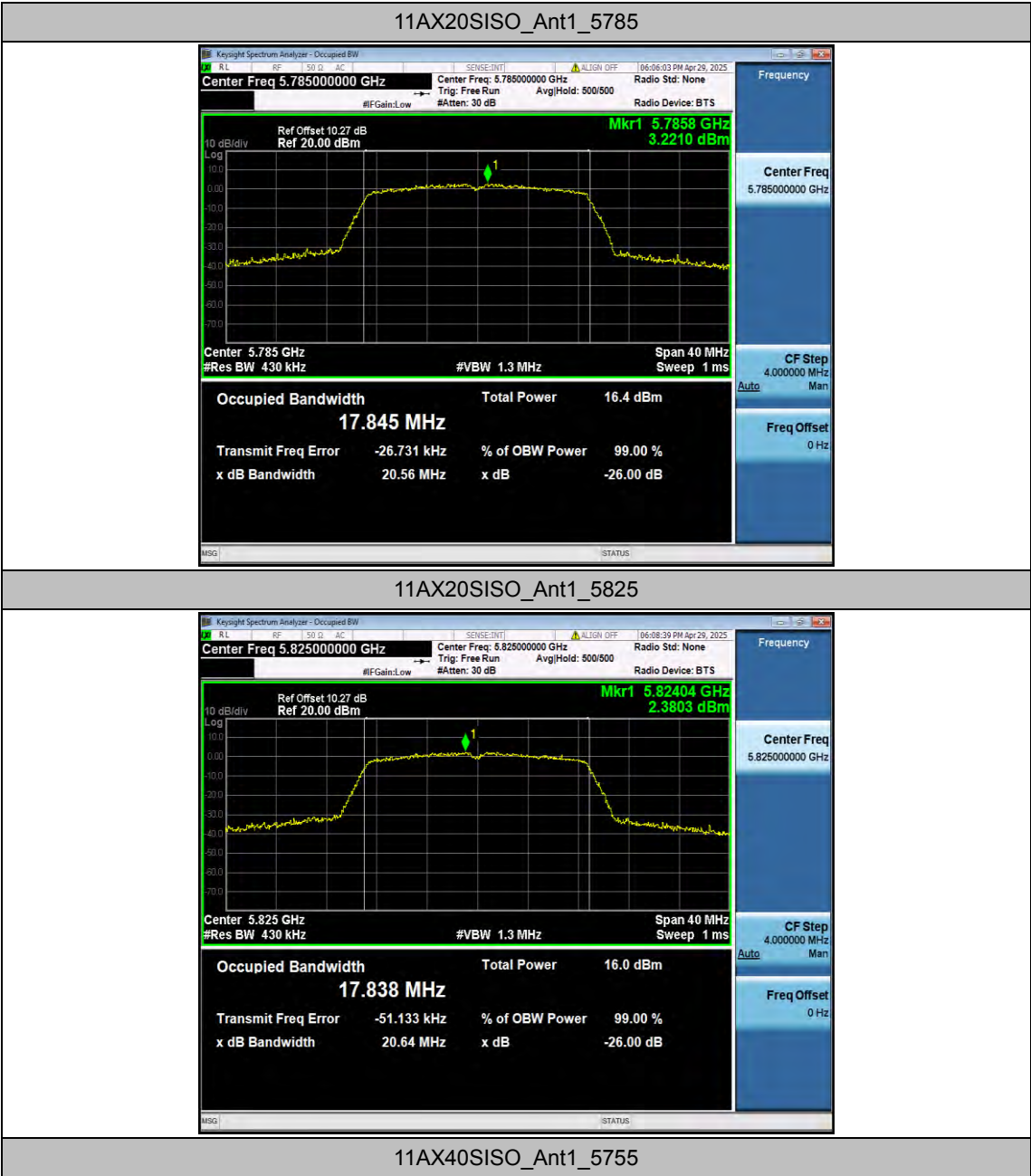


11AC80SISO_Ant1_5775



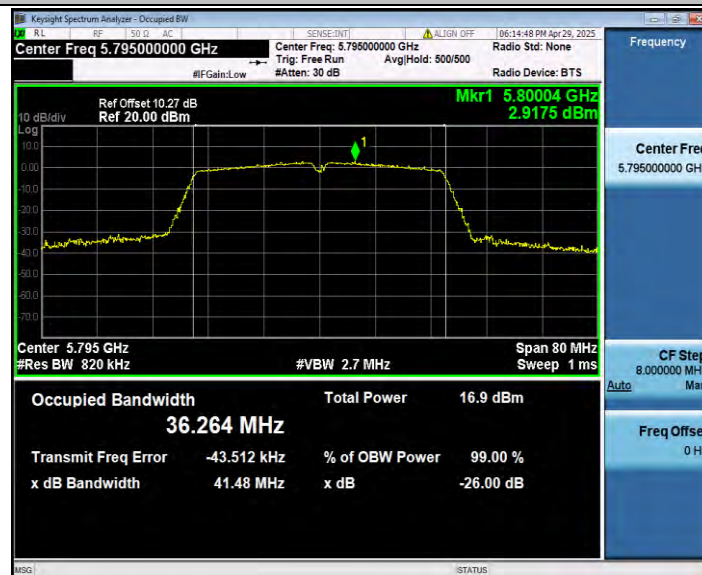
11AX20SISO_Ant1_5745



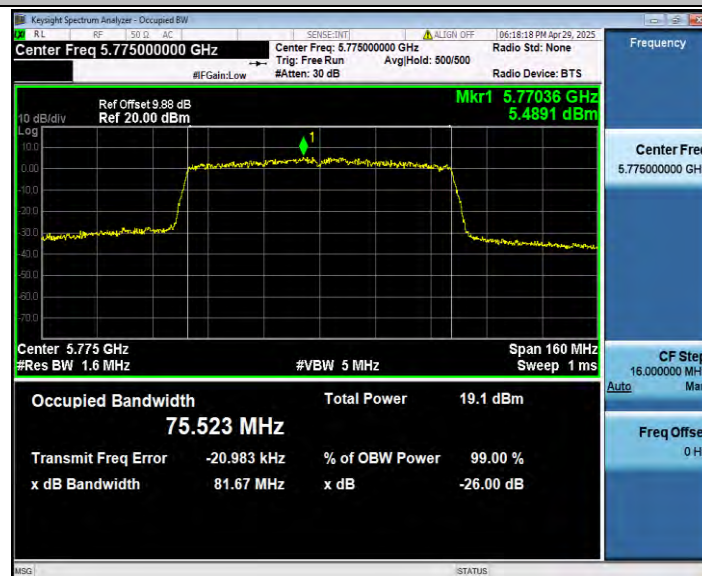




11AX40SISO_Ant1_5795



11AX80SISO_Ant1_5775

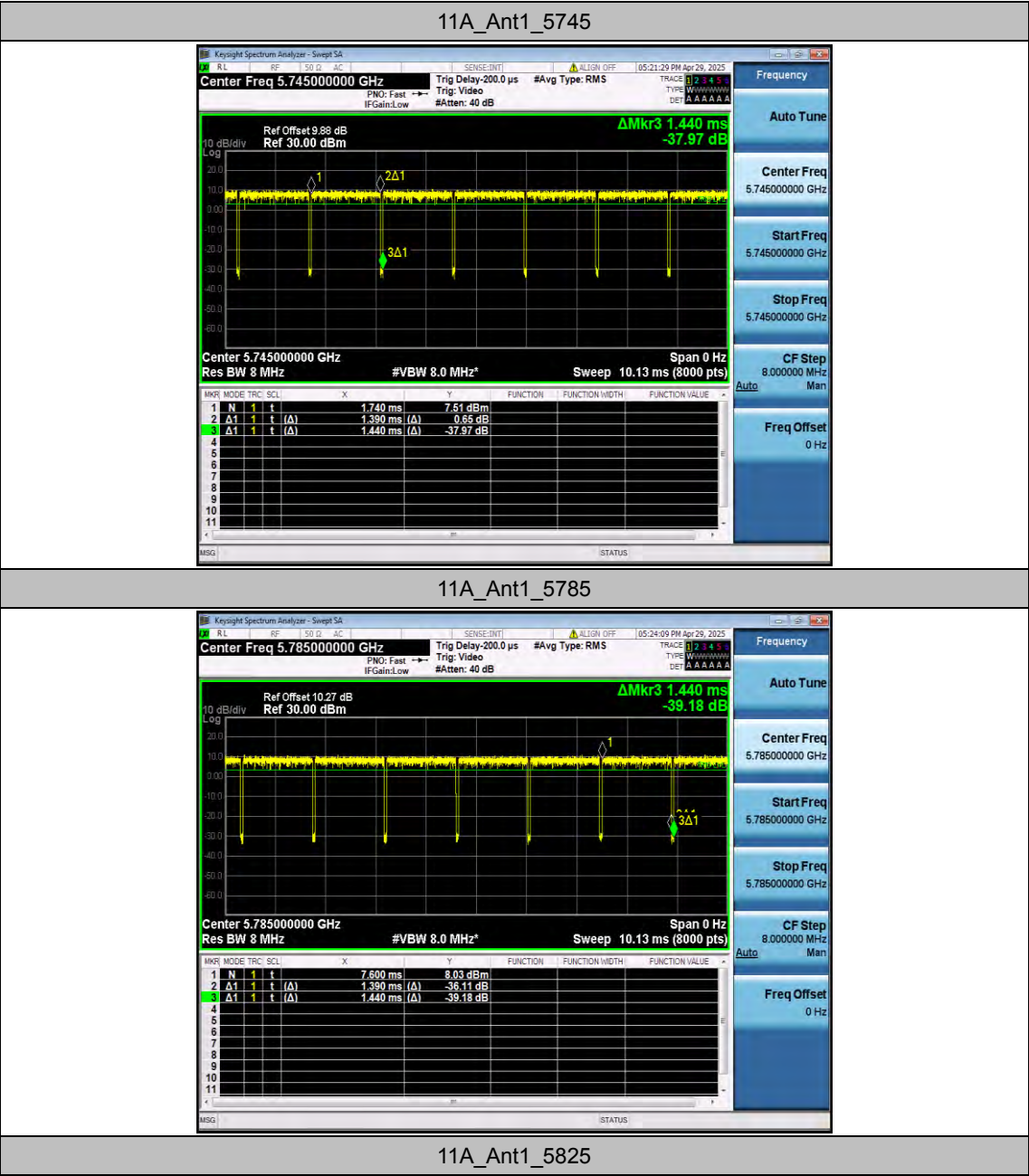


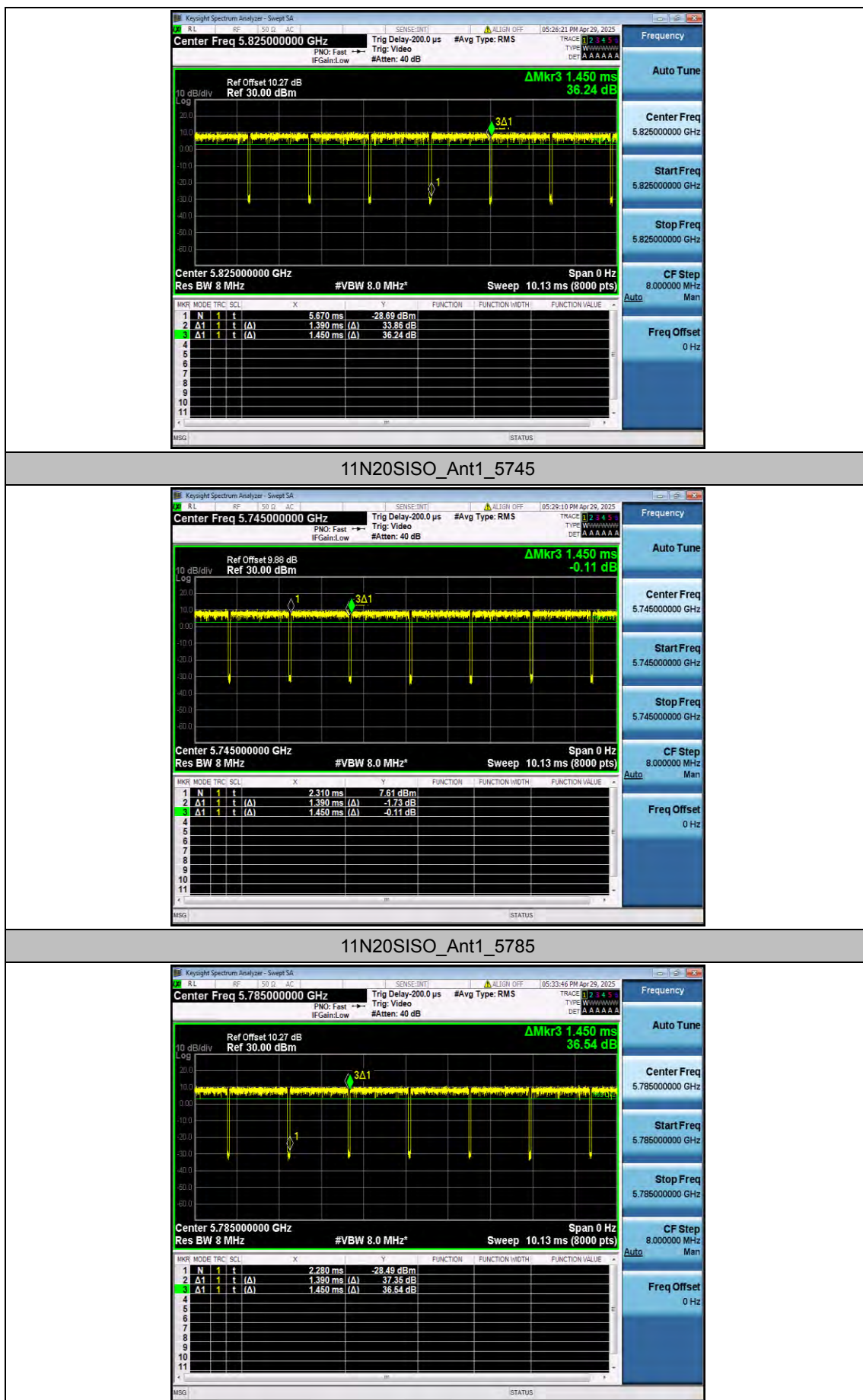
Appendix E.3: Duty Cycle

Test Result

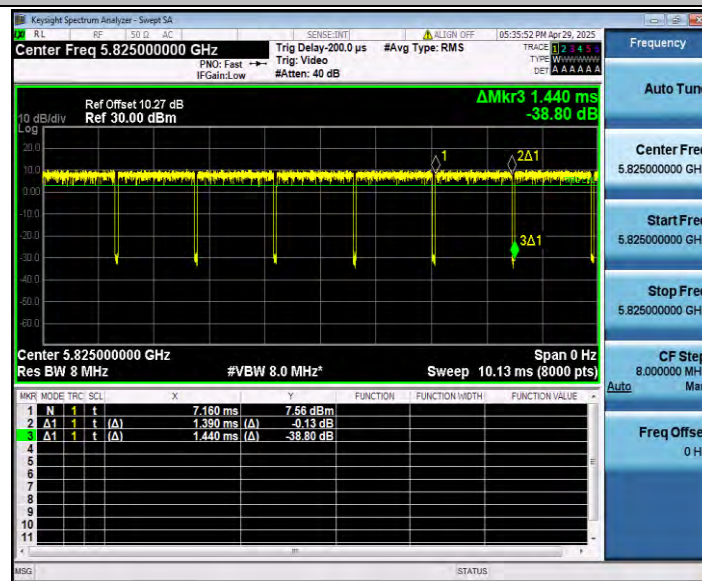
TestMode	Antenna	Freq(MHz)	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	Duty Cycle Factor[dB]	1/T Factor[KHz]
11A	Ant1	5745	1.39	1.44	96.53	0.15	0.72
		5785	1.39	1.44	96.53	0.15	0.72
		5825	1.39	1.45	95.86	0.18	0.72
11N20SISO	Ant1	5745	1.39	1.45	95.86	0.18	0.72
		5785	1.39	1.45	95.86	0.18	0.72
		5825	1.39	1.44	96.53	0.15	0.72
11N40SISO	Ant1	5755	0.65	0.70	92.86	0.32	1.54
		5795	0.65	0.70	92.86	0.32	1.54
11AC20SISO	Ant1	5745	1.31	1.36	96.32	0.16	0.76
		5785	1.31	1.37	95.62	0.19	0.76
		5825	1.31	1.36	96.32	0.16	0.76
11AC40SISO	Ant1	5755	0.65	0.70	92.86	0.32	1.54
		5795	0.65	0.71	91.55	0.38	1.54
11AC80SISO	Ant1	5775	0.32	0.37	86.49	0.63	3.13
11AX20SISO	Ant1	5745	1.31	1.37	95.62	0.19	0.76
		5785	1.31	1.36	96.32	0.16	0.76
		5825	1.31	1.36	96.32	0.16	0.76
11AX40SISO	Ant1	5755	0.65	0.71	91.55	0.38	1.54
		5795	0.65	0.71	91.55	0.38	1.54
11AX80SISO	Ant1	5775	0.32	0.37	86.49	0.63	3.13

Test Graphs

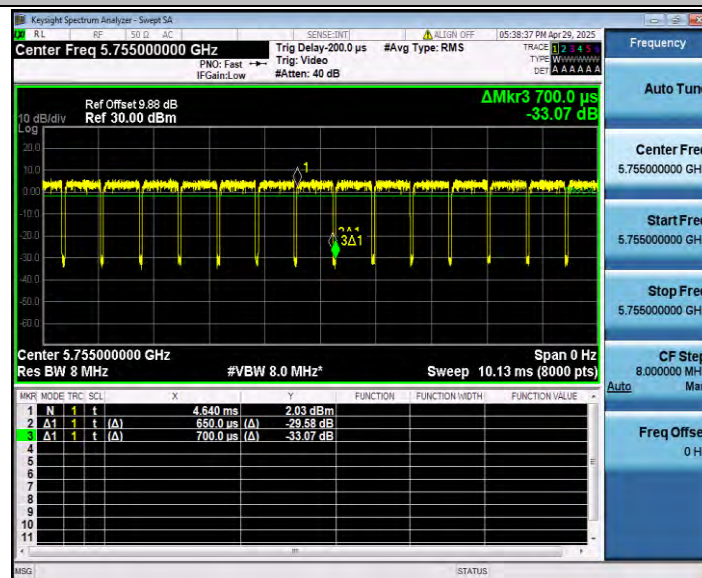




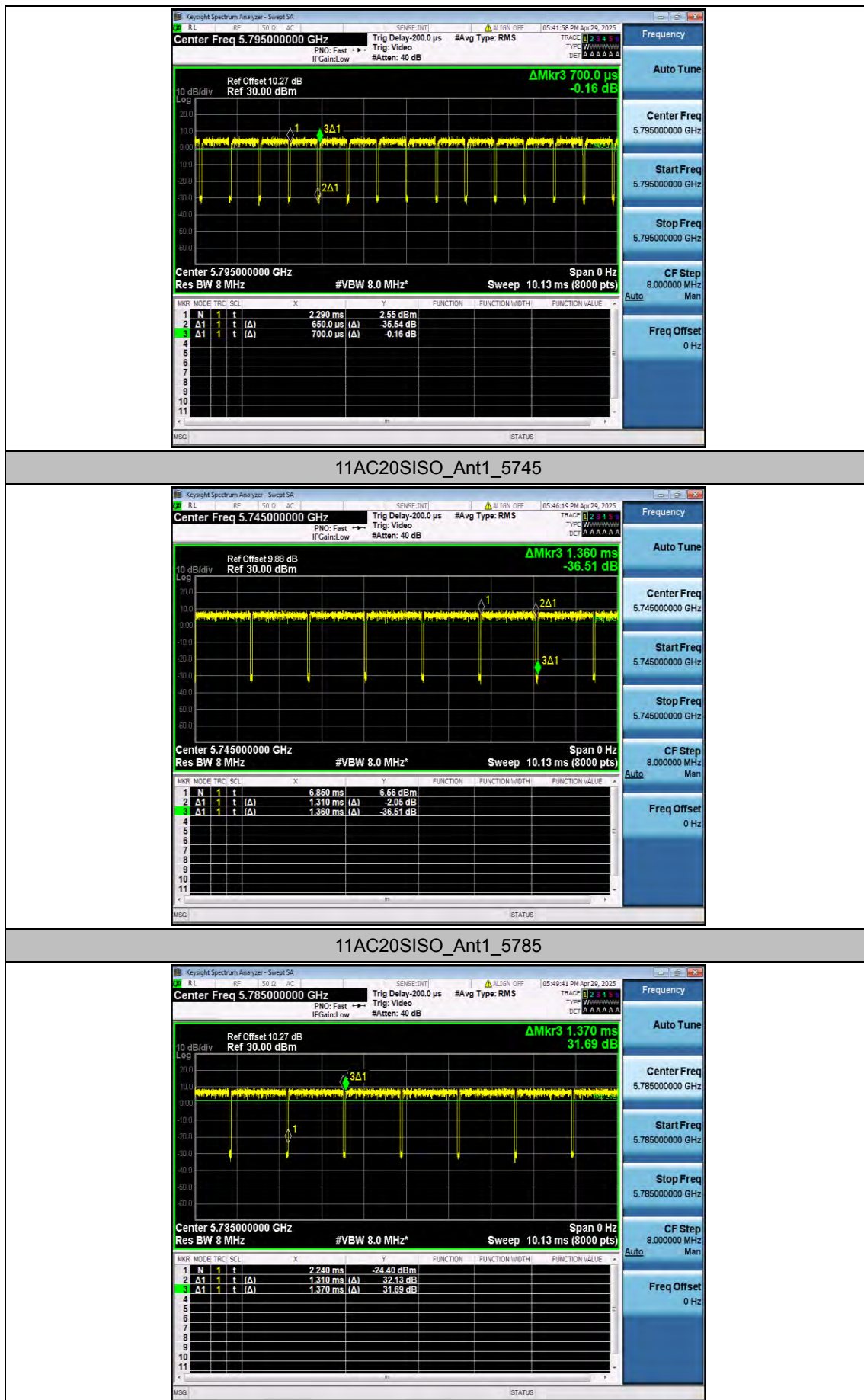
11N20SISO_Ant1_5825



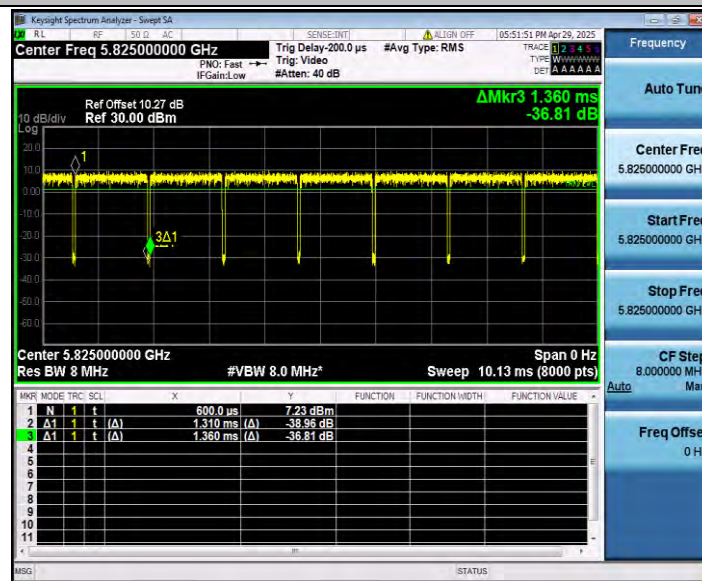
11N40SISO_Ant1_5755



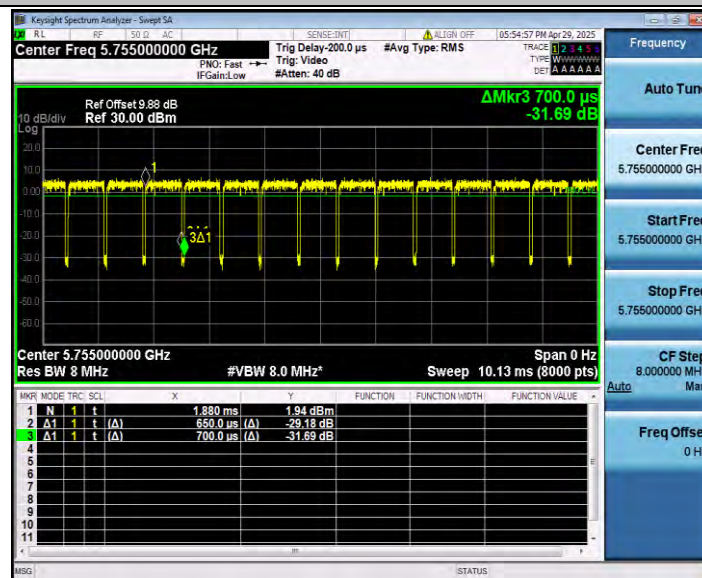
11N40SISO_Ant1_5795



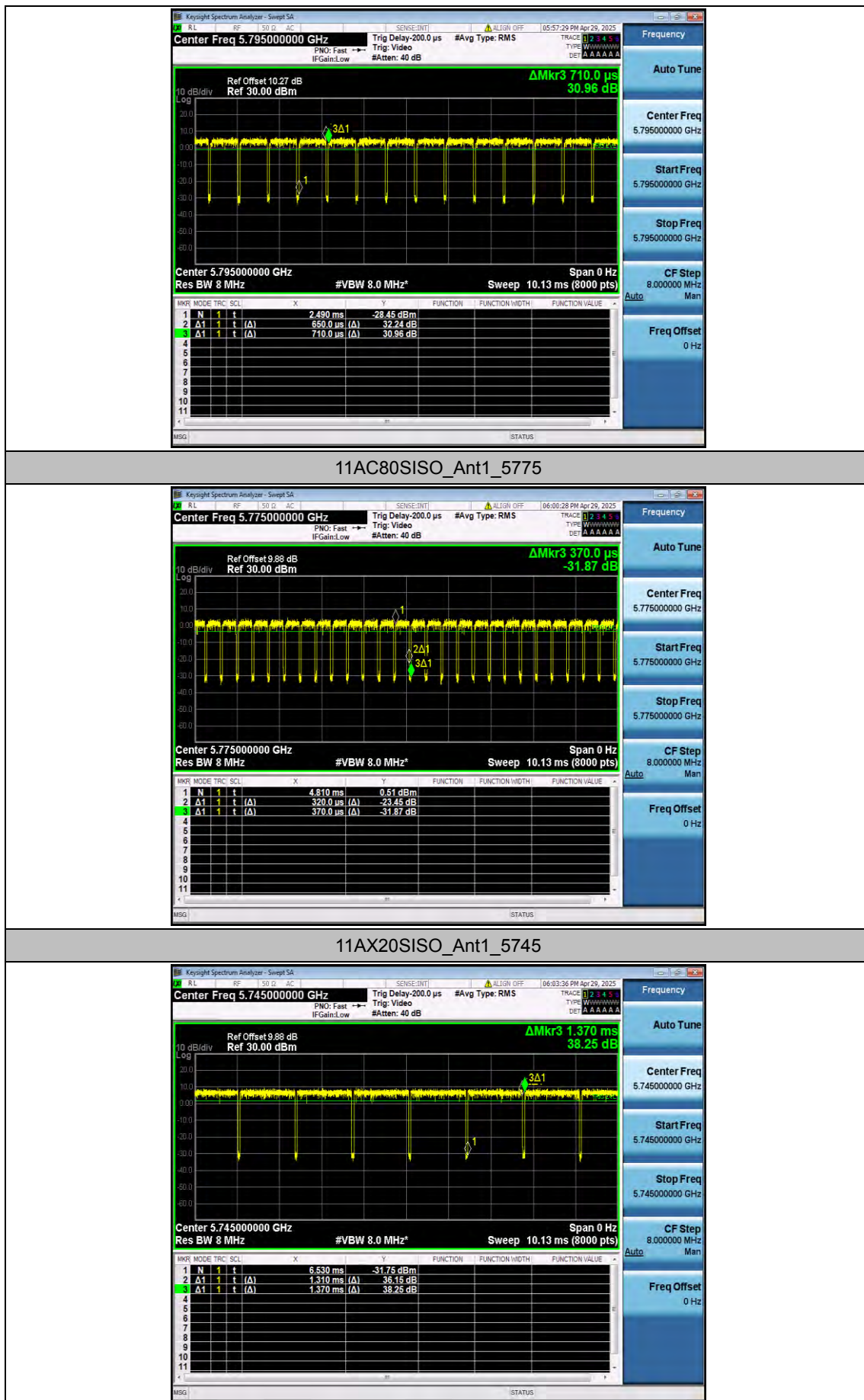
11AC20SISO_Ant1_5825



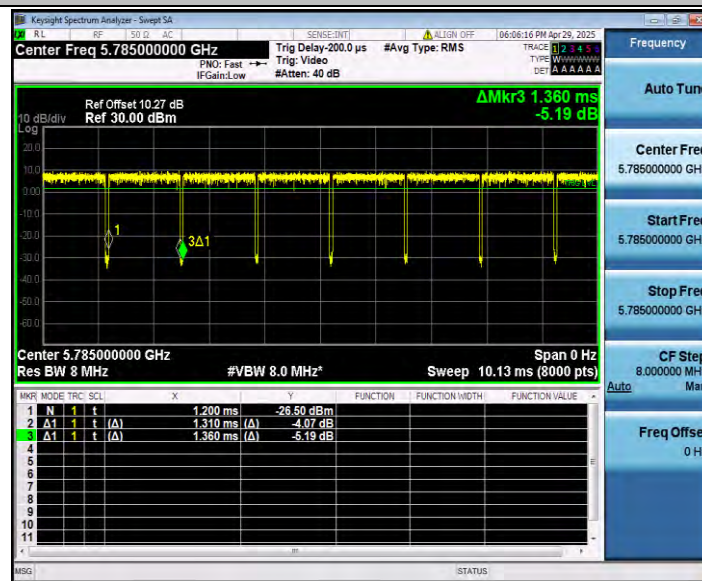
11AC40SISO_Ant1_5755



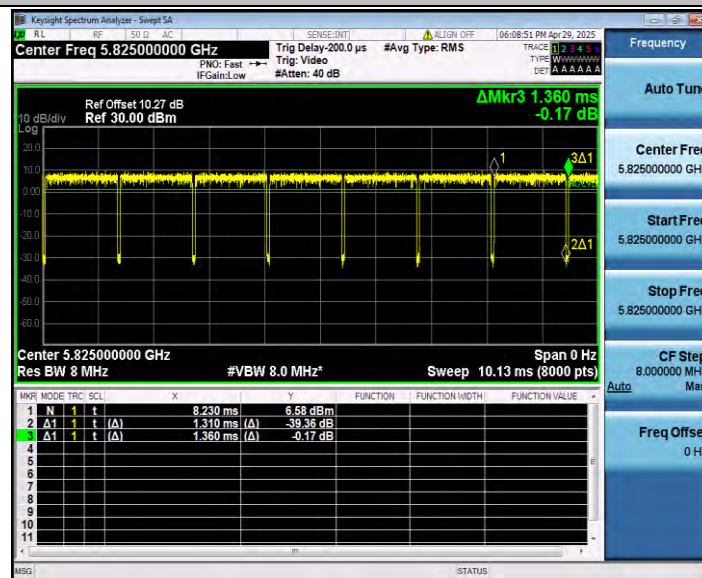
11AC40SISO_Ant1_5795



11AX20SISO_Ant1_5785



11AX20SISO_Ant1_5825



11AX40SISO_Ant1_5755

