

Case No. : <u>GTS20230420011-1-4</u>	
Ambient Condition: <u>24</u> °C, <u>51</u> %RH, Atmos100.1Kpa,	
Test Date: <u>2023.4.26</u>	Test Engineer: <u>Jenny zeng</u>

Appendix E.1: Occupied channel bandwidth

Test Result

TestMode	Antenna	Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant2	5745	17.388	5736.278	5753.666	---	---
		5785	17.332	5776.325	5793.657	---	---
		5825	17.331	5816.374	5833.705	---	---
11N20SISO	Ant2	5745	18.322	5735.815	5754.137	---	---
		5785	18.360	5775.820	5794.180	---	---
		5825	18.364	5815.838	5834.202	---	---
11N40SISO	Ant2	5755	36.780	5736.654	5773.434	---	---
		5795	36.719	5776.651	5813.370	---	---
11AC20SISO	Ant2	5745	18.340	5735.801	5754.141	---	---
		5785	18.368	5775.839	5794.207	---	---
		5825	18.394	5815.837	5834.231	---	---
11AC40SISO	Ant2	5755	36.988	5736.589	5773.577	---	---
		5795	36.695	5776.714	5813.409	---	---
11AC80SISO	Ant2	5775	75.091	5737.503	5812.594	---	---
11AX20SISO	Ant2	5745	19.254	5735.360	5754.614	---	---
		5785	19.211	5775.402	5794.613	---	---
		5825	19.214	5815.436	5834.650	---	---
11AX40SISO	Ant2	5755	38.098	5736.005	5774.103	---	---
		5795	38.029	5776.057	5814.086	---	---
11AX80SISO	Ant2	5775	76.767	5736.621	5813.388	---	---

Test Graphs



11A_Ant2_5745



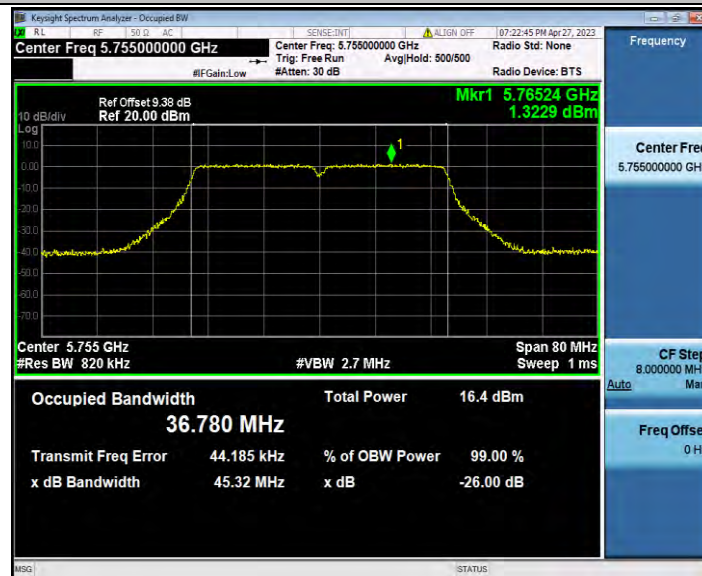
11A_Ant2_5785



11N20SISO_Ant2_5785



11N20SISO_Ant2_5825



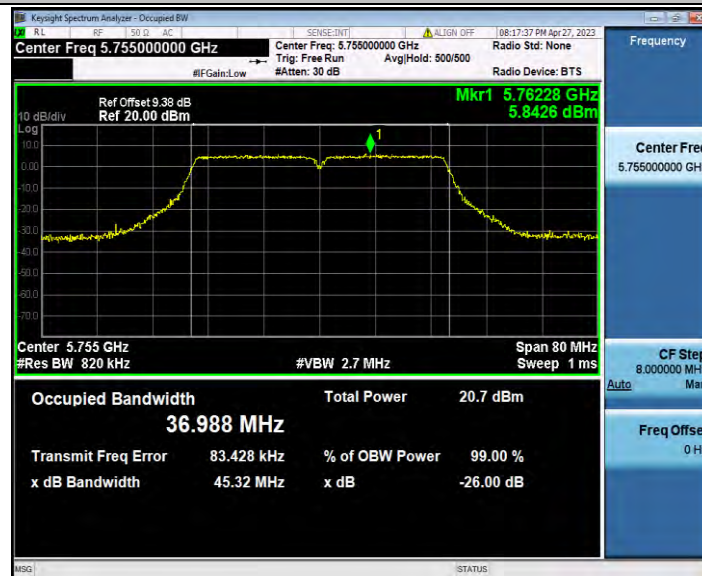
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11AC20SISO_Ant2_5785



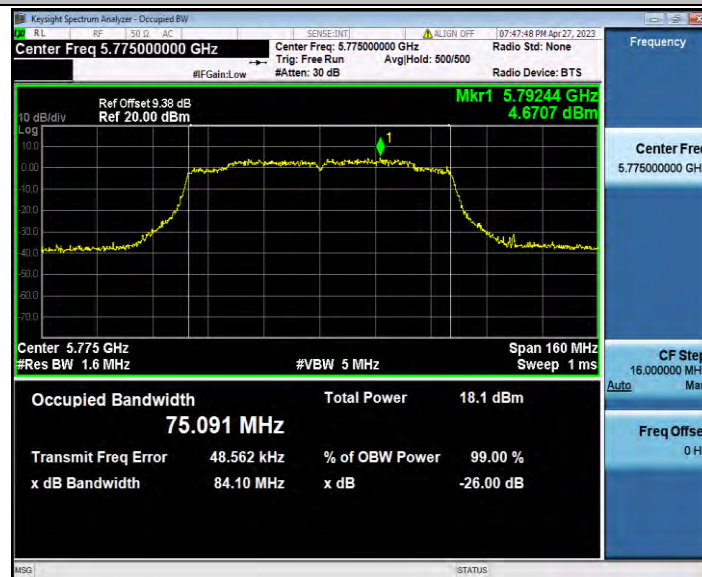
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11AC40SISO_Ant2_5755



11AC40SISO_Ant2_5795



11AC80SISO_Ant2_5775



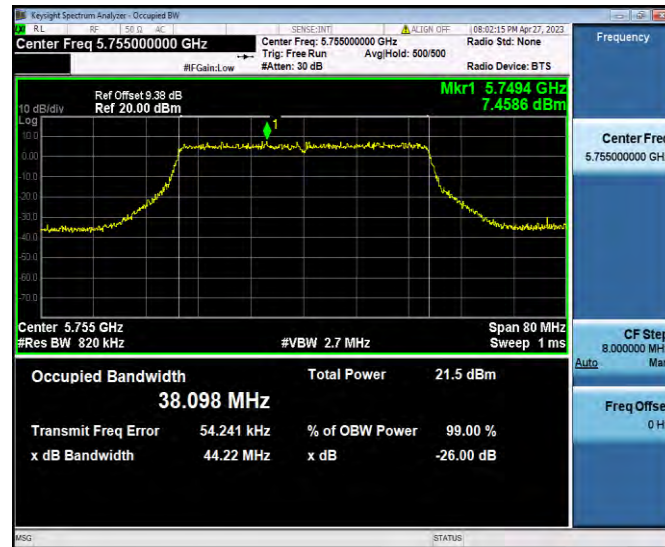
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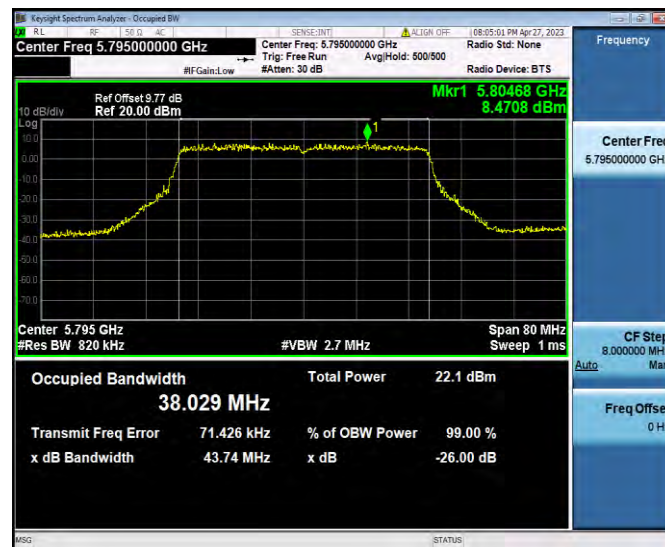
11AX20SISO_Ant2_5785



11AX20SISO_Ant2_5825



11AX40SISO_Ant2_5755



11AX40SISO_Ant2_5795



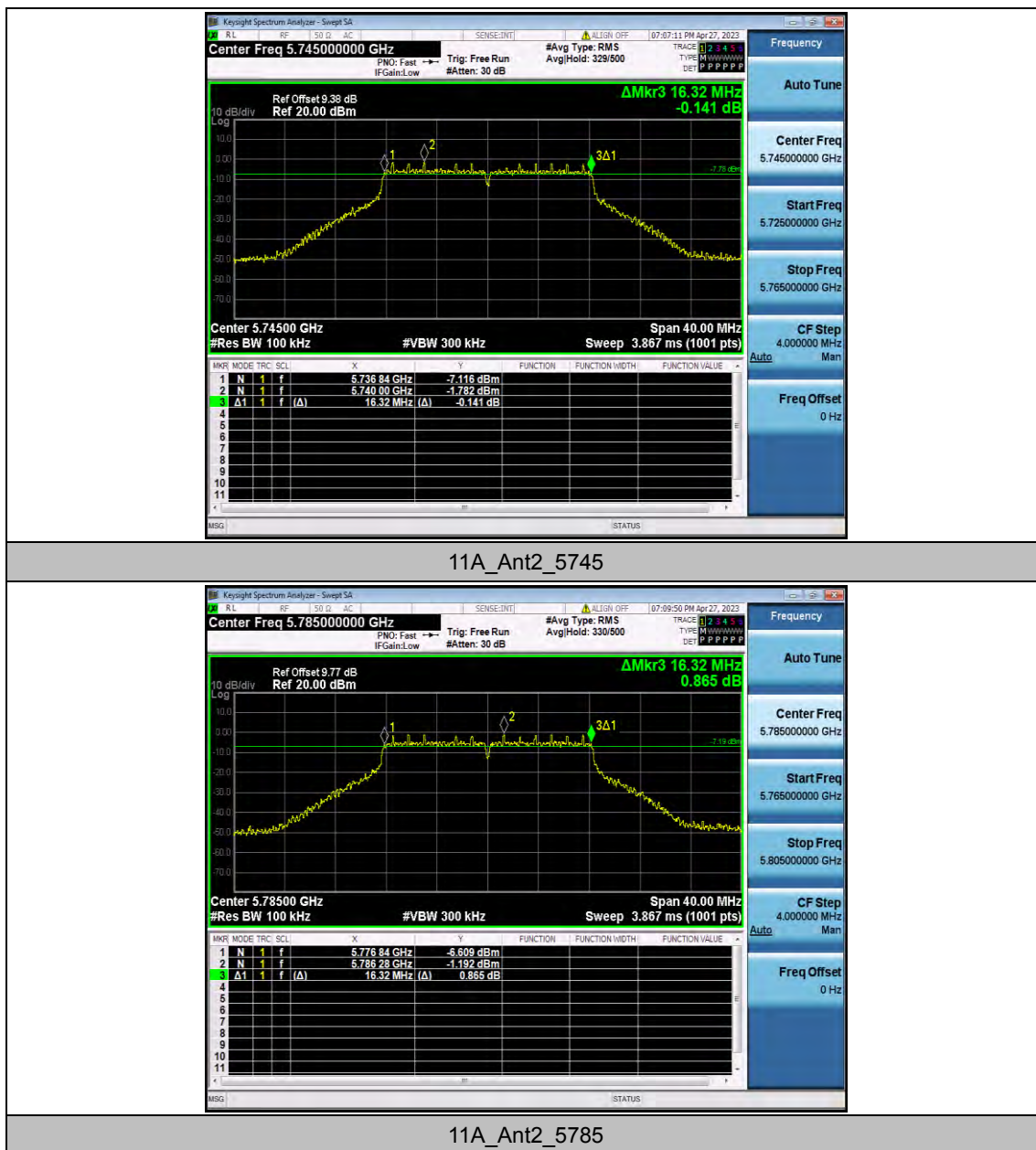
11AX80SISO_Ant2_5775

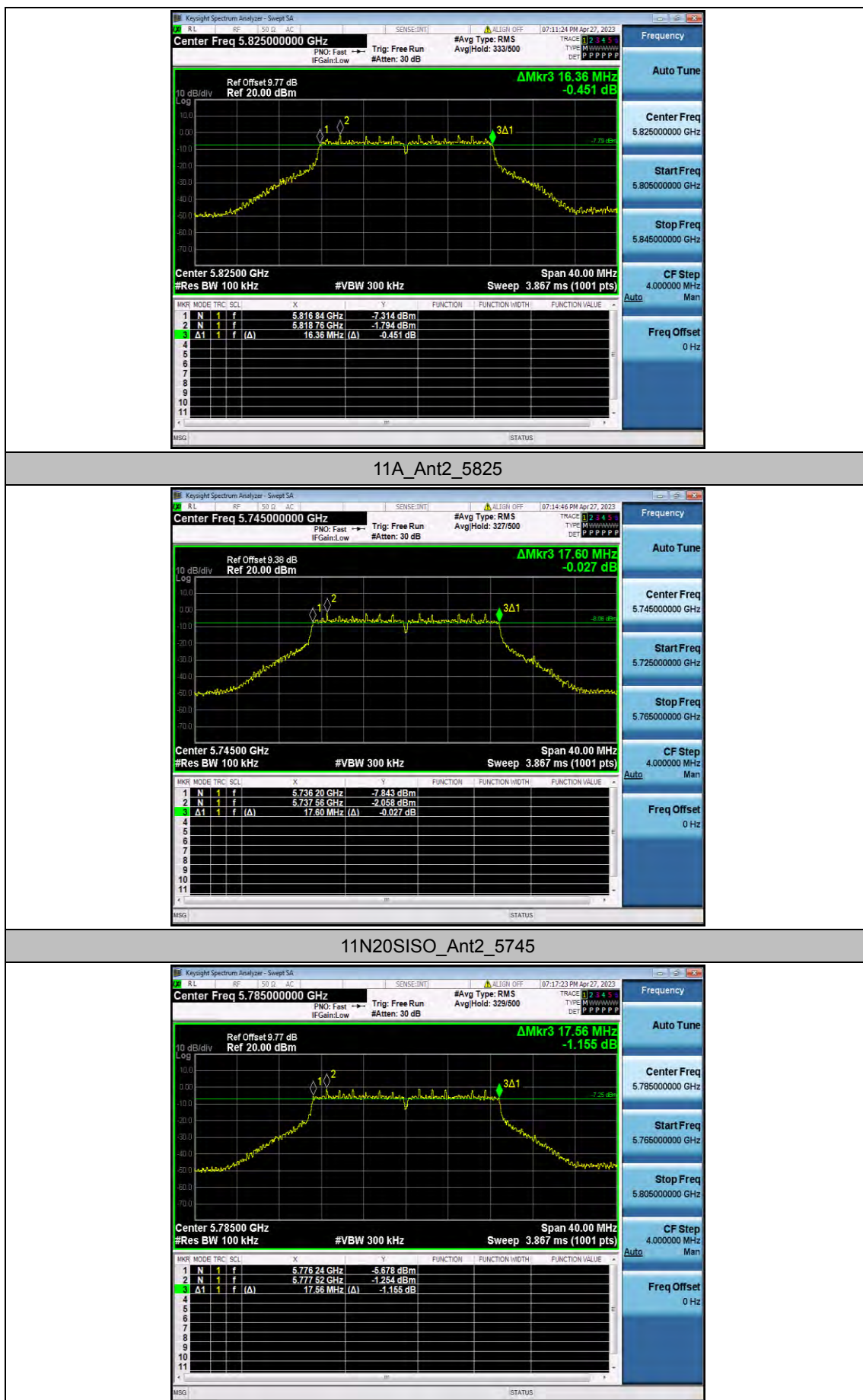
Appendix E.2: Min emission bandwidth

Test Result B4

TestMode	Antenna	Frequency[MHz]	6db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant2	5745	16.320	5736.840	5753.160	0.5	PASS
		5785	16.320	5776.840	5793.160	0.5	PASS
		5825	16.360	5816.840	5833.200	0.5	PASS
11N20SISO	Ant2	5745	17.600	5736.200	5753.800	0.5	PASS
		5785	17.560	5776.240	5793.800	0.5	PASS
		5825	17.560	5816.240	5833.800	0.5	PASS
11N40SISO	Ant2	5755	36.320	5736.840	5773.160	0.5	PASS
		5795	36.320	5776.840	5813.160	0.5	PASS
11AC20SISO	Ant2	5745	17.600	5736.200	5753.800	0.5	PASS
		5785	17.560	5776.240	5793.800	0.5	PASS
		5825	17.560	5816.240	5833.800	0.5	PASS
11AC40SISO	Ant2	5755	36.320	5736.840	5773.160	0.5	PASS
		5795	36.320	5776.840	5813.160	0.5	PASS
11AC80SISO	Ant2	5775	75.040	5737.560	5812.600	0.5	PASS
11AX20SISO	Ant2	5745	18.760	5735.640	5754.400	0.5	PASS
		5785	18.720	5775.600	5794.320	0.5	PASS
		5825	18.720	5815.600	5834.320	0.5	PASS
11AX40SISO	Ant2	5755	37.920	5736.040	5773.960	0.5	PASS
		5795	37.920	5776.040	5813.960	0.5	PASS
11AX80SISO	Ant2	5775	75.040	5737.560	5812.600	0.5	PASS

Test Graphs B4

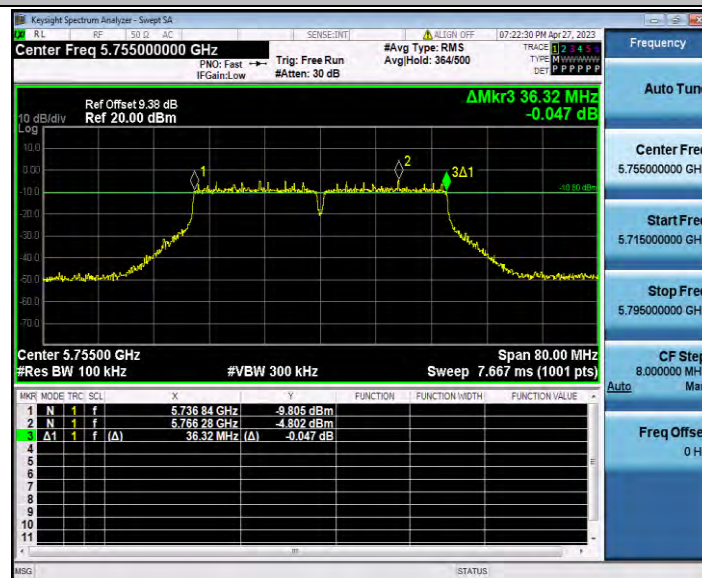




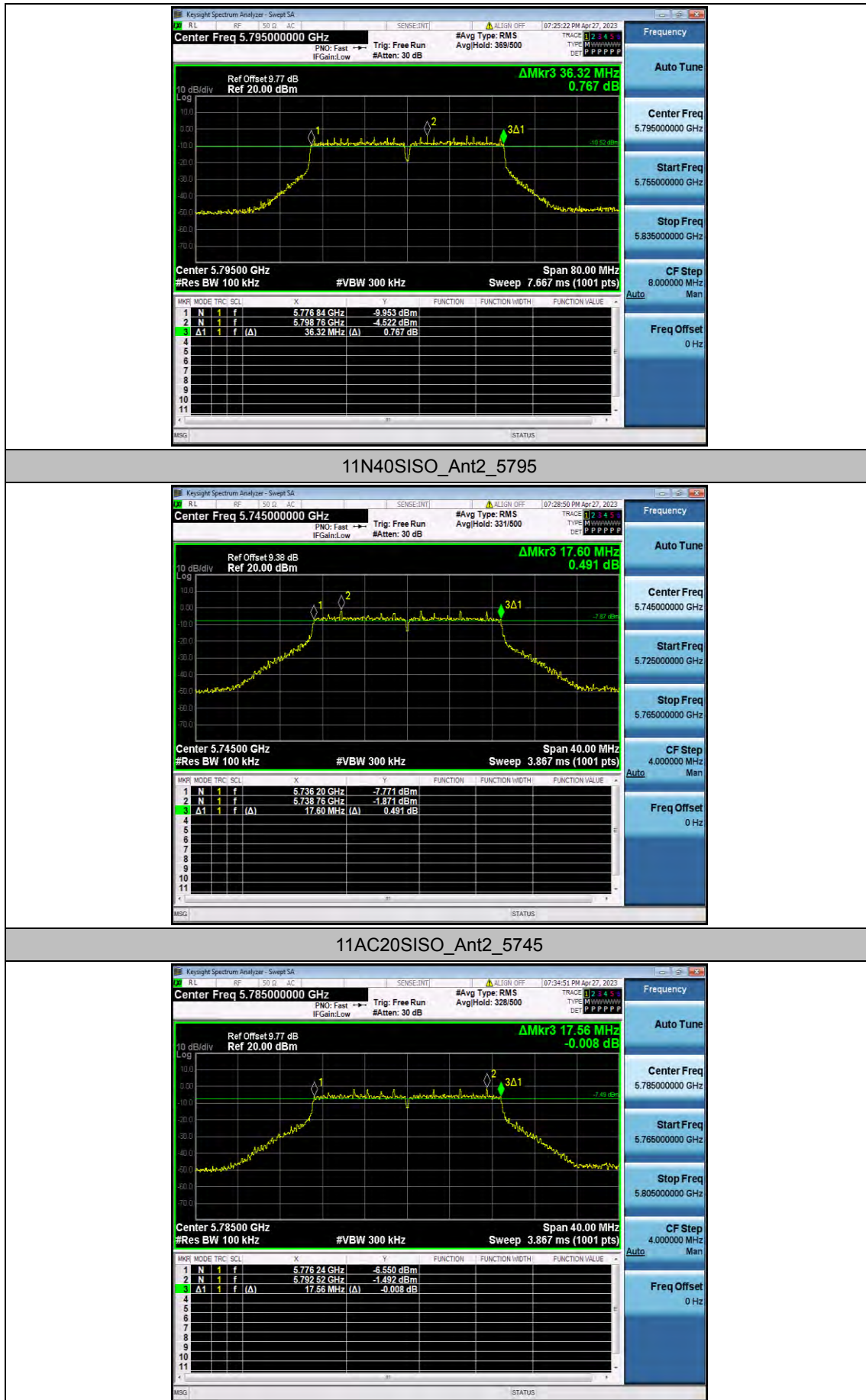
11N20SISO_Ant2_5785



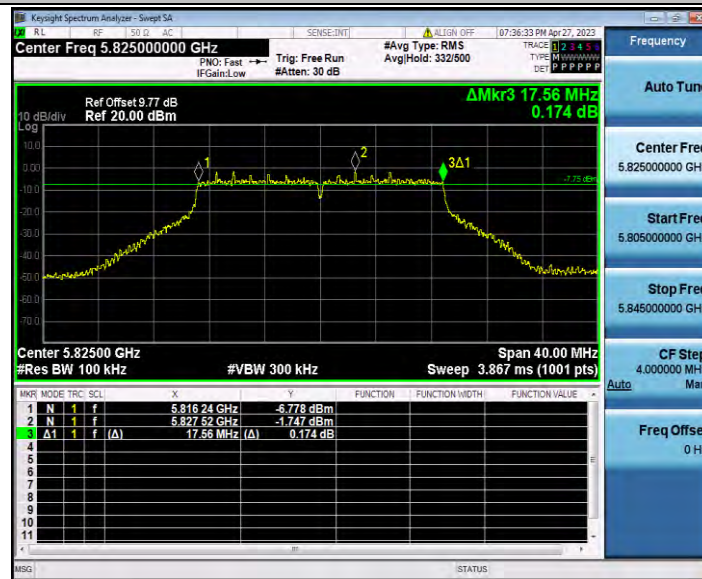
11N20SISO_Ant2_5825



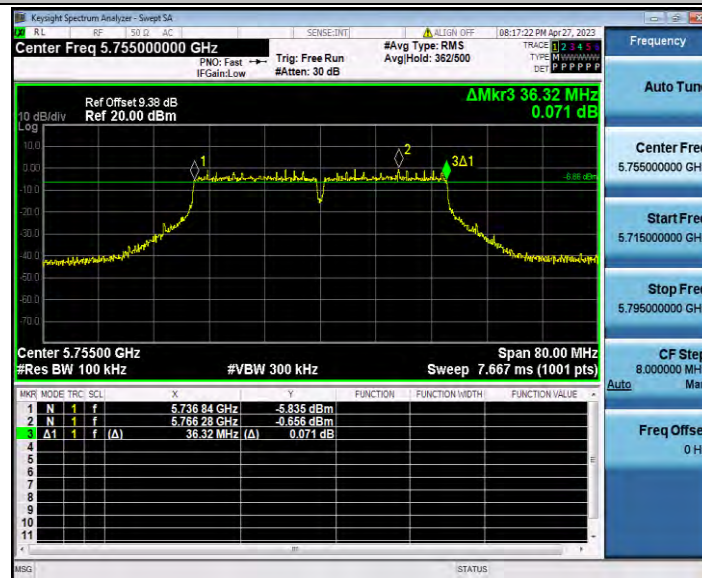
11N40SISO_Ant2_5755



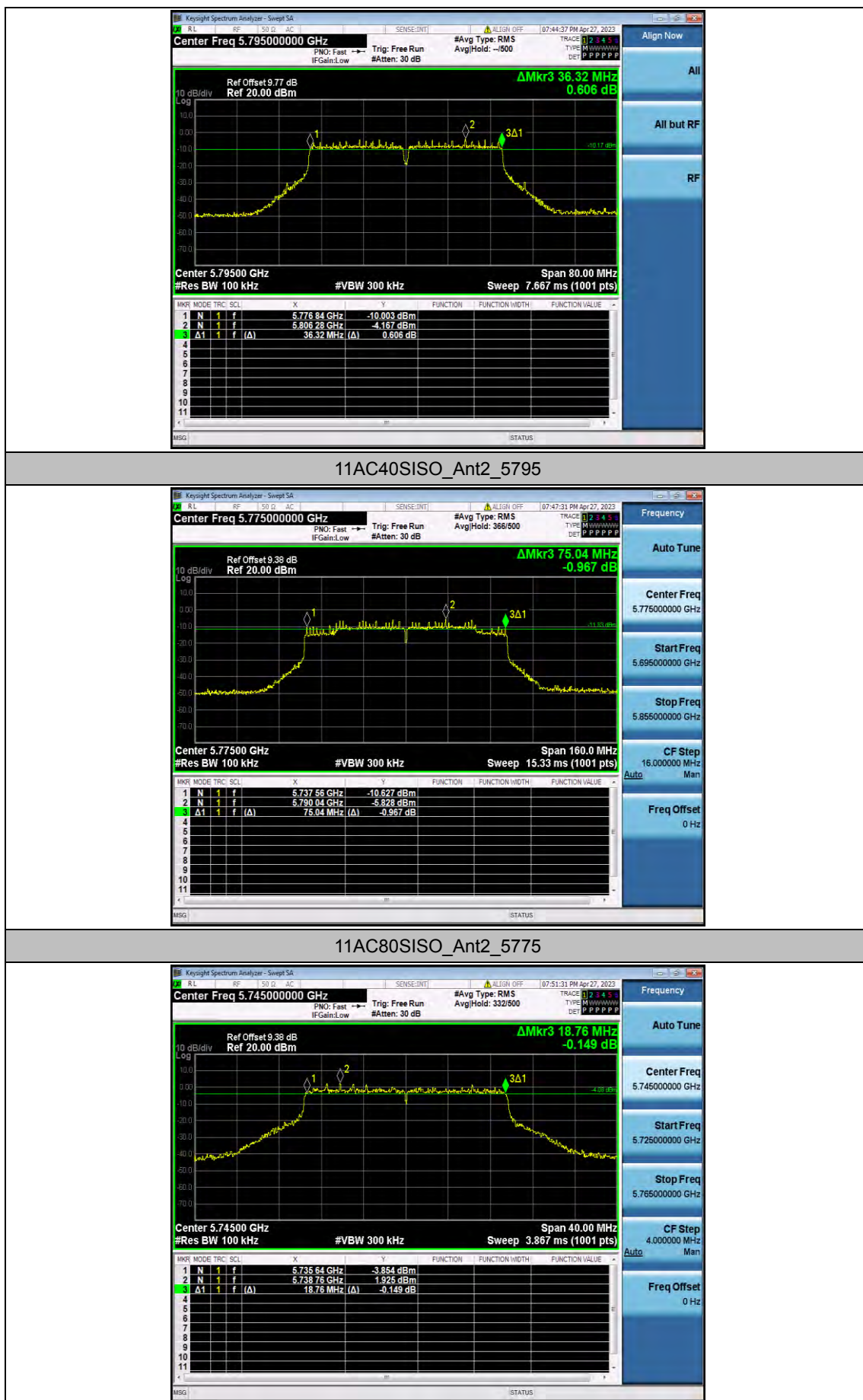
11AC20SISO_Ant2_5785



11AC20SISO_Ant2_5825



11AC40SISO_Ant2_5755



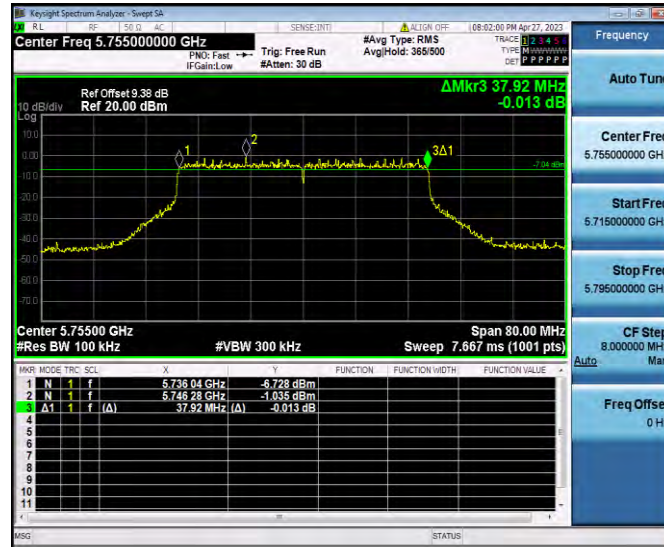
11AX20SISO_Ant2_5745



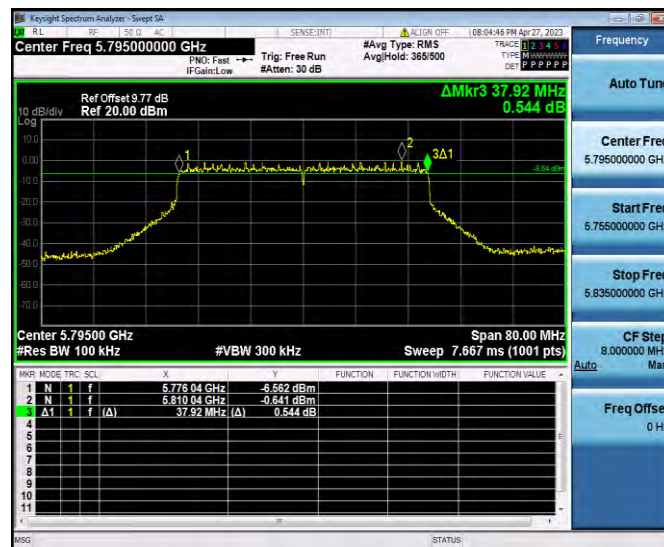
11AX20SISO_Ant2_5785



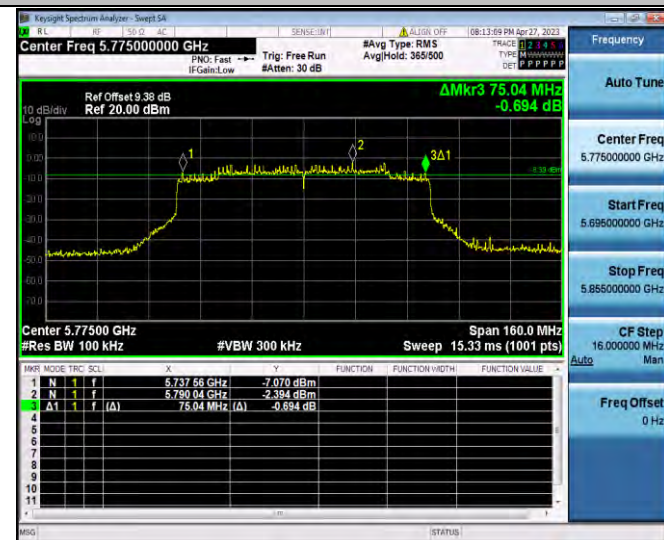
11AX20SISO_Ant2_5825



11AX40SISO_Ant2_5755



11AX40SISO_Ant2_5795



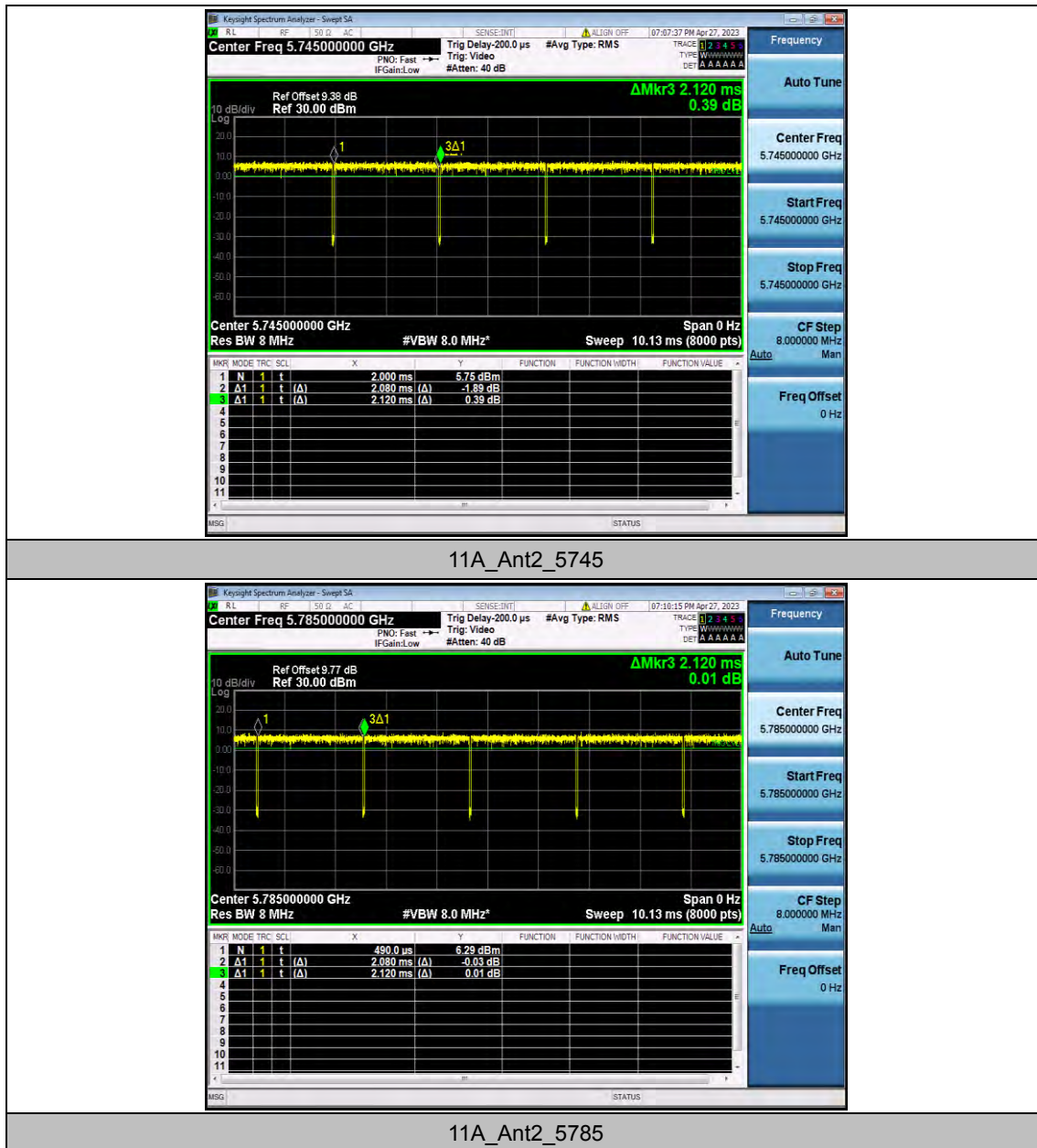
11AX80SISO_Ant2_5775

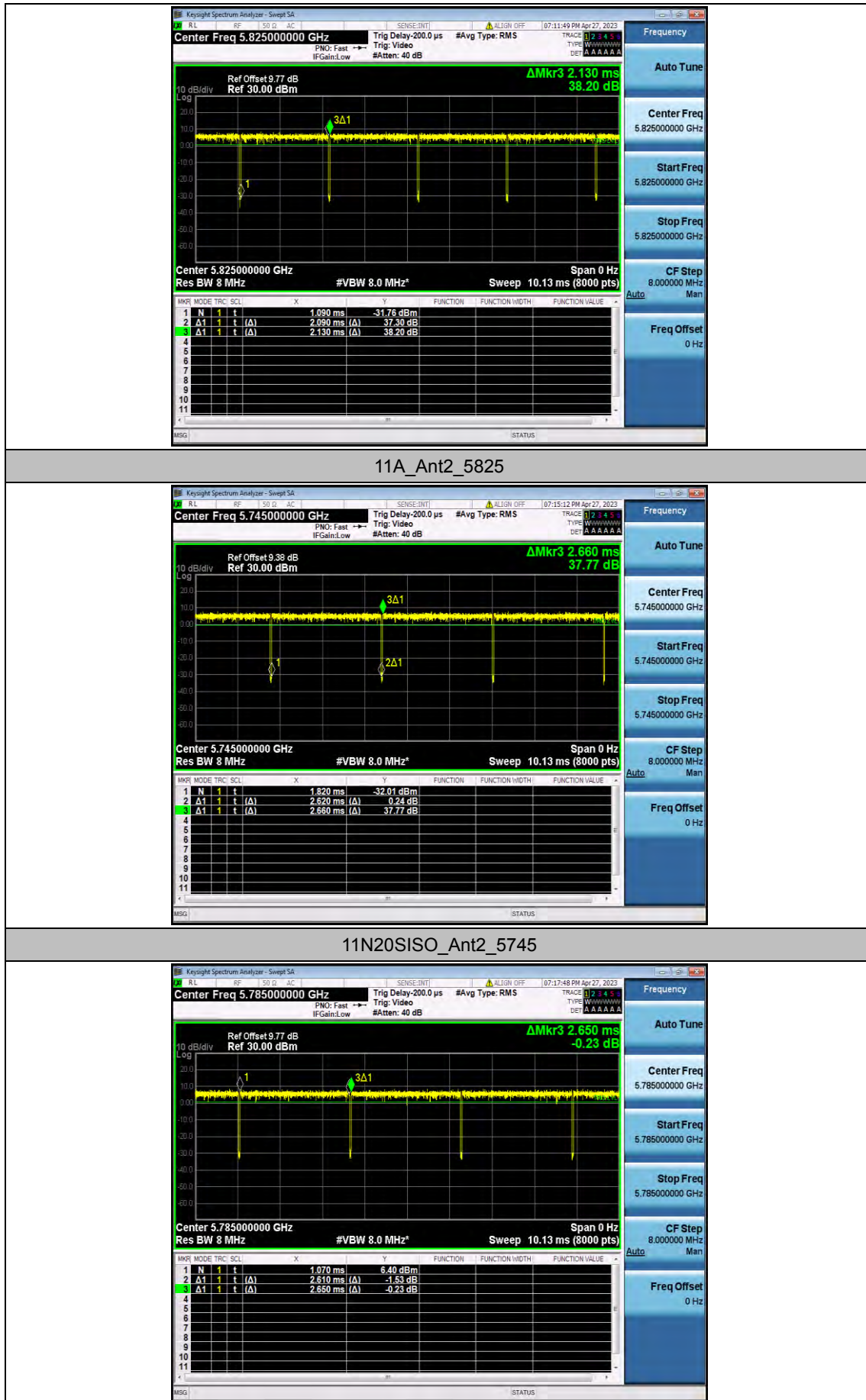
Appendix E.3: Duty Cycle

Test Result

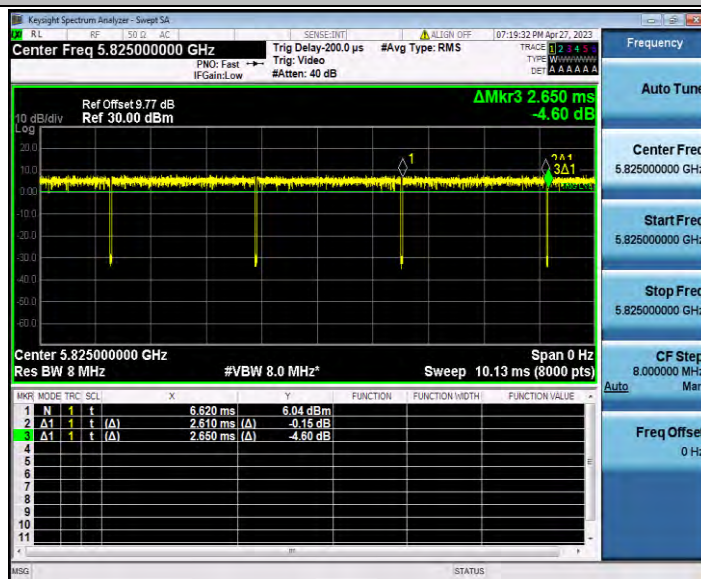
TestMode	Antenna	Frequency[MHz]	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]
11A	Ant2	5745	2.08	2.12	98.11
		5785	2.08	2.12	98.11
		5825	2.09	2.13	98.12
11N20SISO	Ant2	5745	2.62	2.66	98.50
		5785	2.61	2.65	98.49
		5825	2.61	2.65	98.49
11N40SISO	Ant2	5755	2.61	2.64	98.86
		5795	2.61	2.64	98.86
11AC20SISO	Ant2	5745	2.61	2.64	98.86
		5785	2.60	2.64	98.48
		5825	2.60	2.64	98.48
11AC40SISO	Ant2	5755	2.59	2.63	98.48
		5795	2.60	2.63	98.86
11AC80SISO	Ant2	5775	2.58	2.62	98.47
11AX20SISO	Ant2	5745	2.62	2.65	98.87
		5785	2.62	2.66	98.50
		5825	2.62	2.66	98.50
11AX40SISO	Ant2	5755	2.60	2.64	98.48
		5795	2.60	2.63	98.86
11AX80SISO	Ant2	5775	2.60	2.63	98.86

Test Graphs

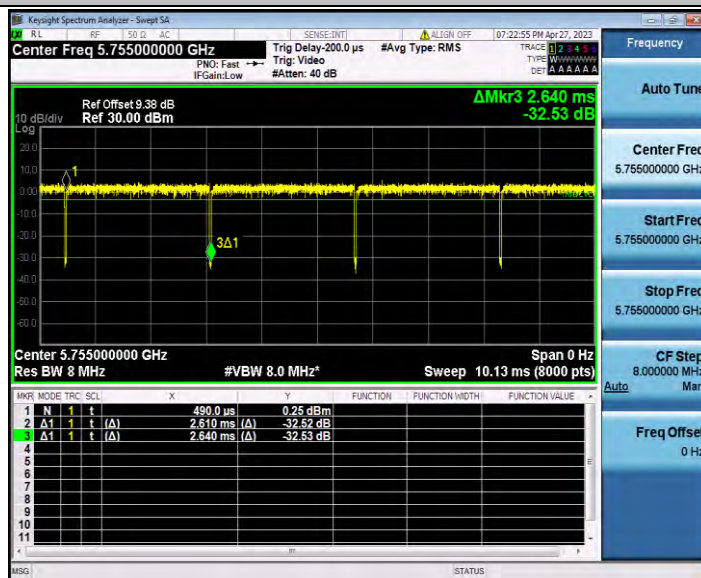




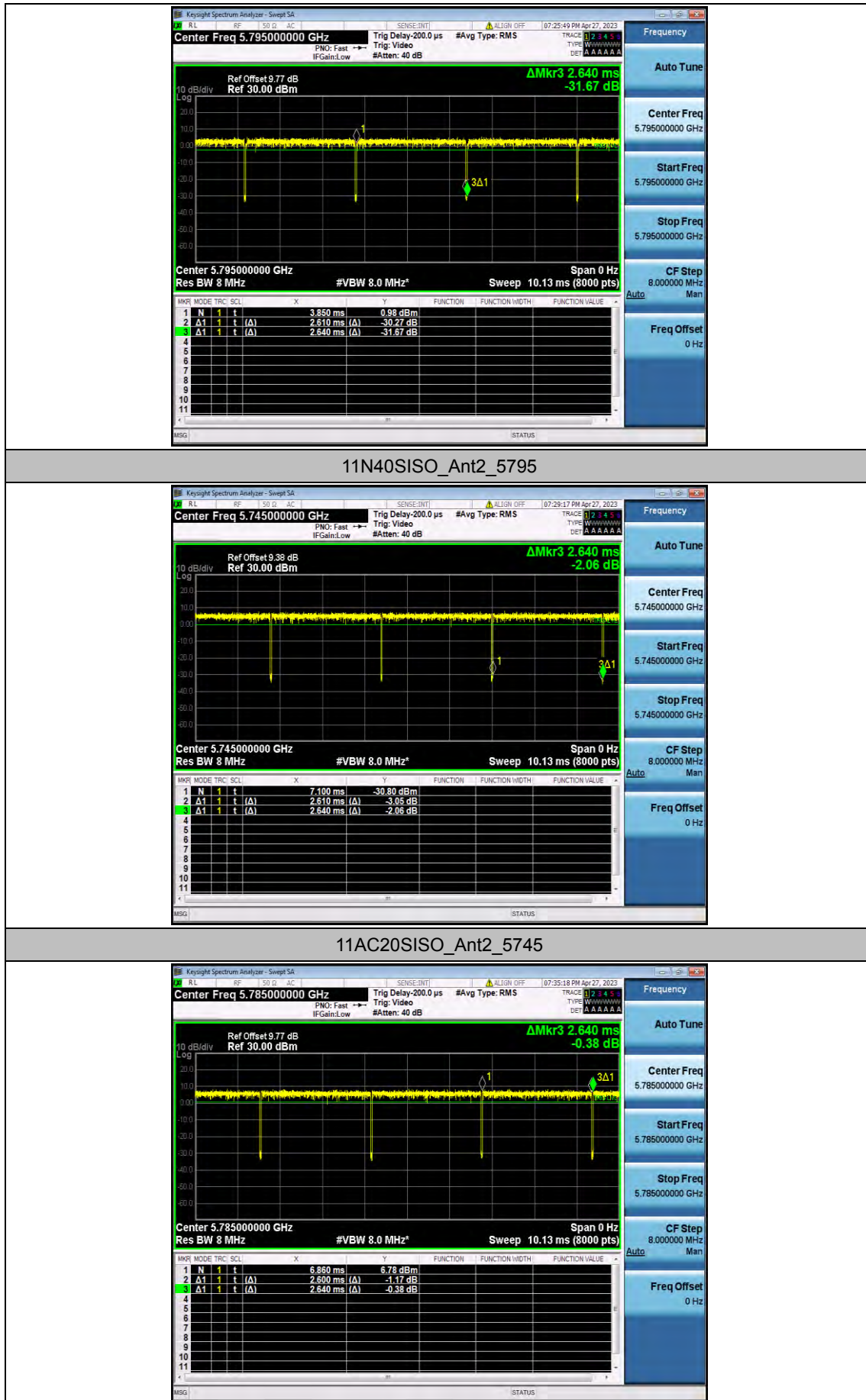
11N20SISO_Ant2_5785

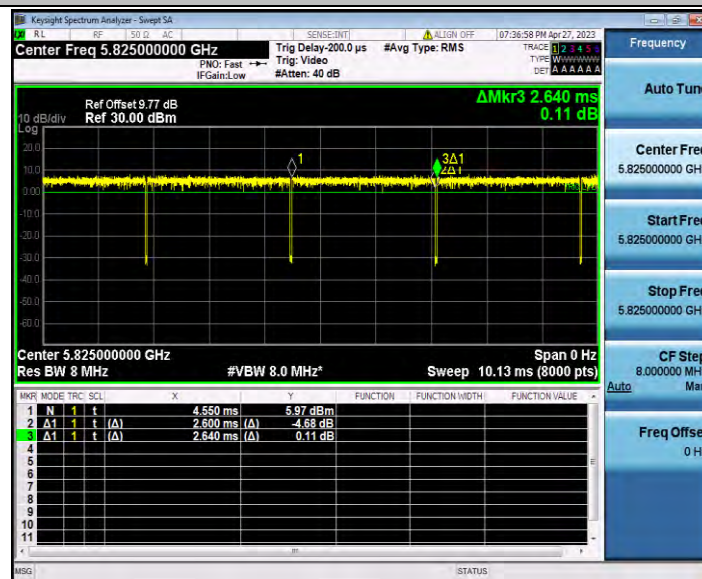


11N20SISO_Ant2_5825

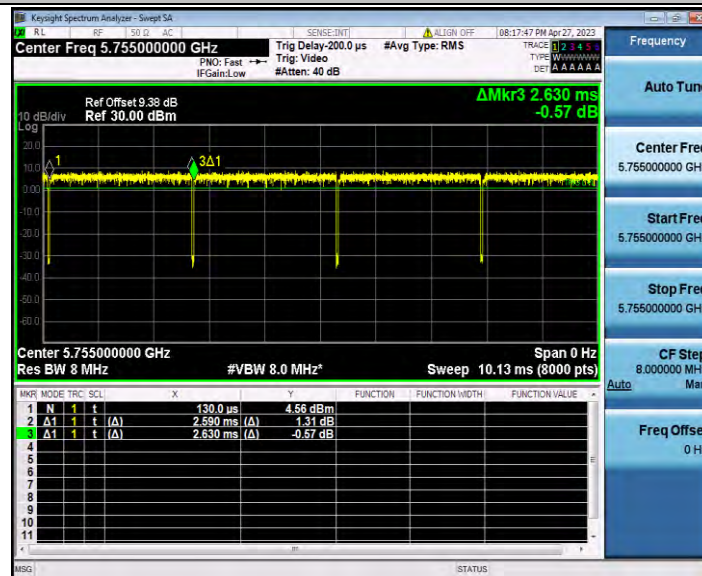


11N40SISO_Ant2_5755

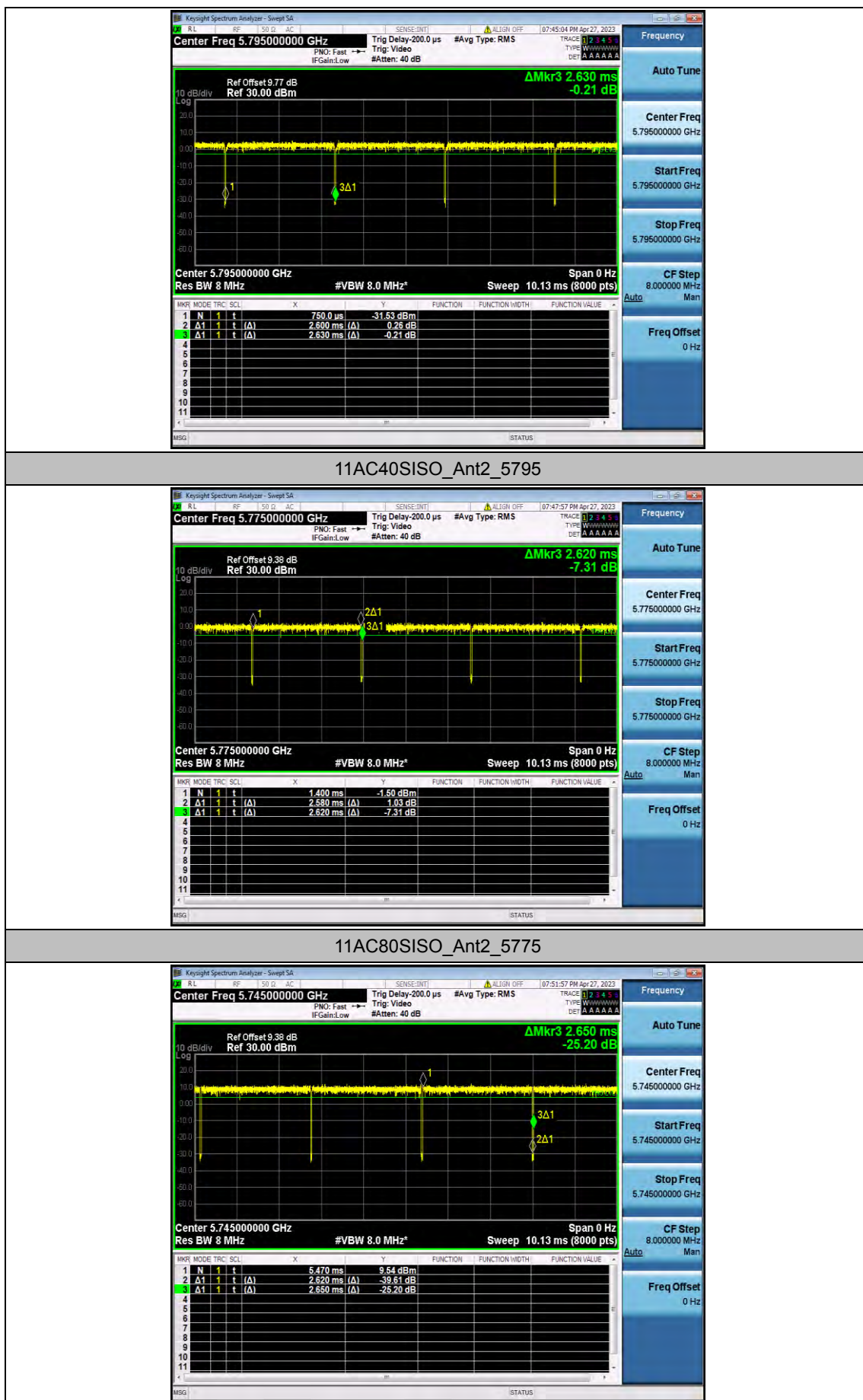




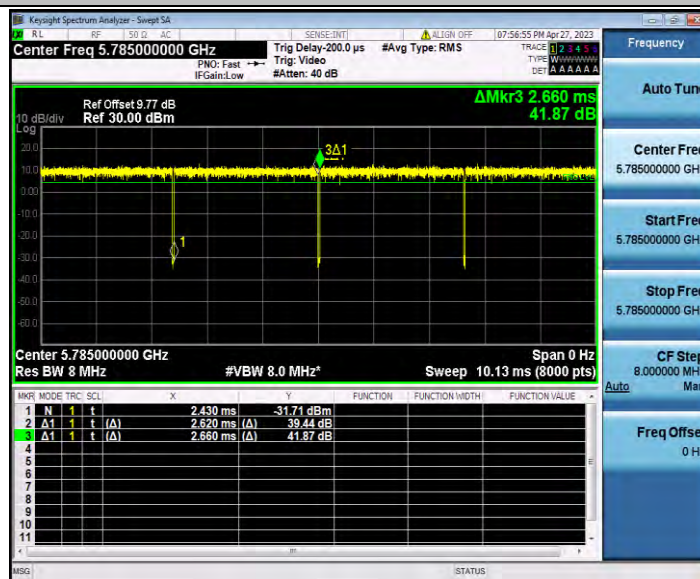
11AC20SISO_Ant2_5825



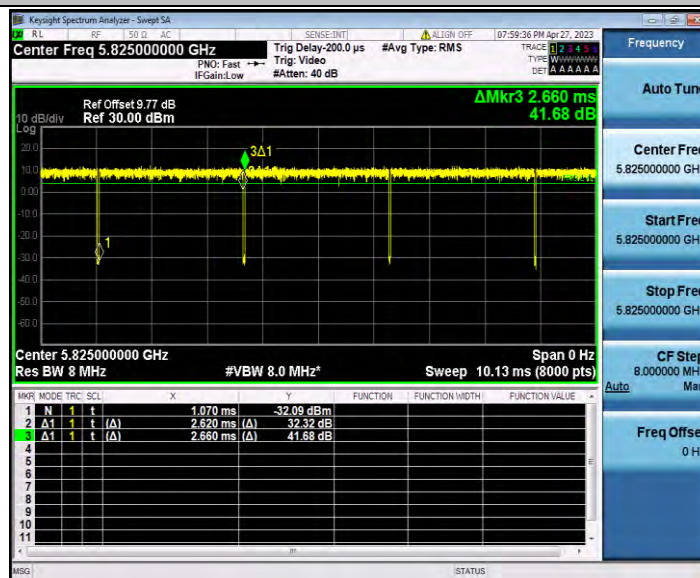
11AC40SISO_Ant2_5755



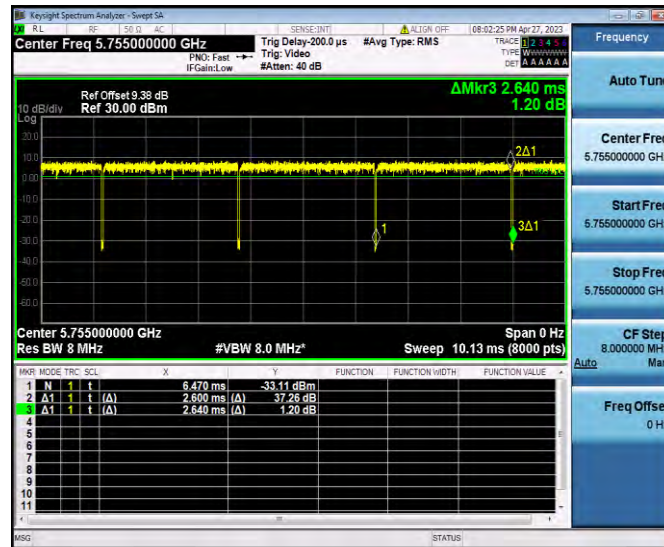
11AX20SISO_Ant2_5745



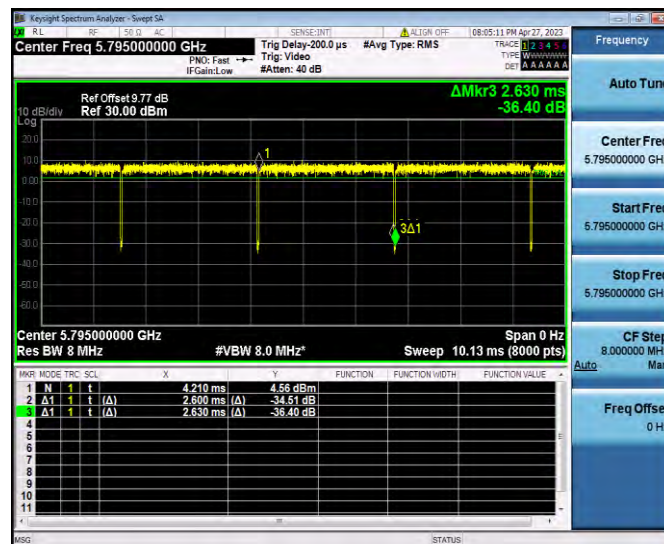
11AX20SISO_Ant2_5785



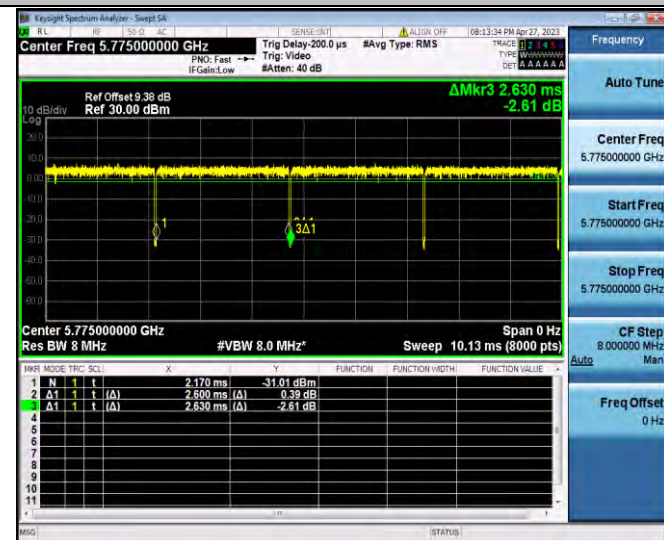
11AX20SISO_Ant2_5825



11AX40SISO_Ant2_5755



11AX40SISO_Ant2_5795



11AX80SISO_Ant2_5775