

Case No. : <u>GTS20230420011-1-4</u>	
Ambient Condition: <u>23</u> °C, <u>49</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	Ant1	5745	17.507	5736.214	5753.721	---	---
		5785	17.361	5776.350	5793.711	---	---
		5825	17.404	5816.352	5833.756	---	---
11N20SISO	Ant1	5745	18.419	5735.820	5754.239	---	---
		5785	18.410	5775.842	5794.252	---	---
		5825	18.371	5815.863	5834.234	---	---
11N40SISO	Ant1	5755	36.889	5736.645	5773.534	---	---
		5795	36.808	5776.647	5813.455	---	---
11AC20SISO	Ant1	5745	18.437	5735.771	5754.208	---	---
		5785	18.401	5775.831	5794.232	---	---
		5825	18.446	5815.835	5834.281	---	---
11AC40SISO	Ant1	5755	36.855	5736.641	5773.496	---	---
		5795	36.799	5776.678	5813.477	---	---
11AC80SISO	Ant1	5775	75.095	5737.647	5812.742	---	---
11AX20SISO	Ant1	5745	19.214	5735.383	5754.597	---	---
		5785	19.194	5775.411	5794.605	---	---
		5825	19.311	5815.371	5834.682	---	---
11AX40SISO	Ant1	5755	36.859	5736.639	5773.498	---	---
		5795	36.821	5776.674	5813.495	---	---
11AX80SISO	Ant1	5775	76.771	5736.722	5813.493	---	---

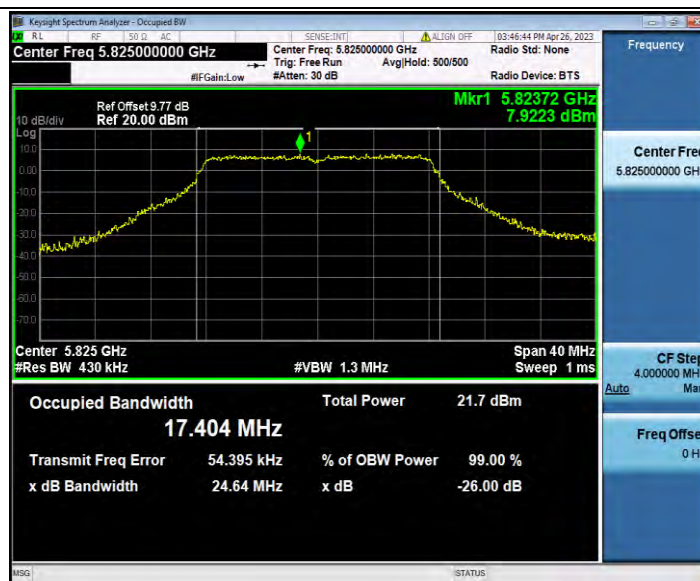
Test Graphs



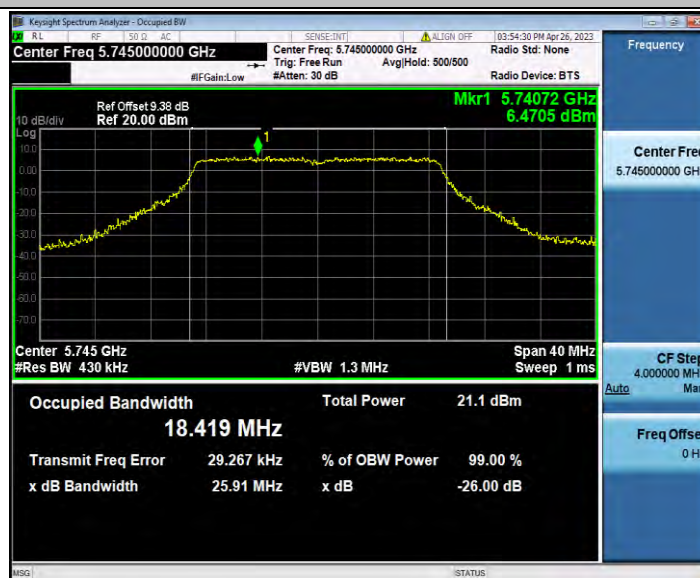
11A_Ant1_5745



11A_Ant1_5785



11A_Ant1_5825



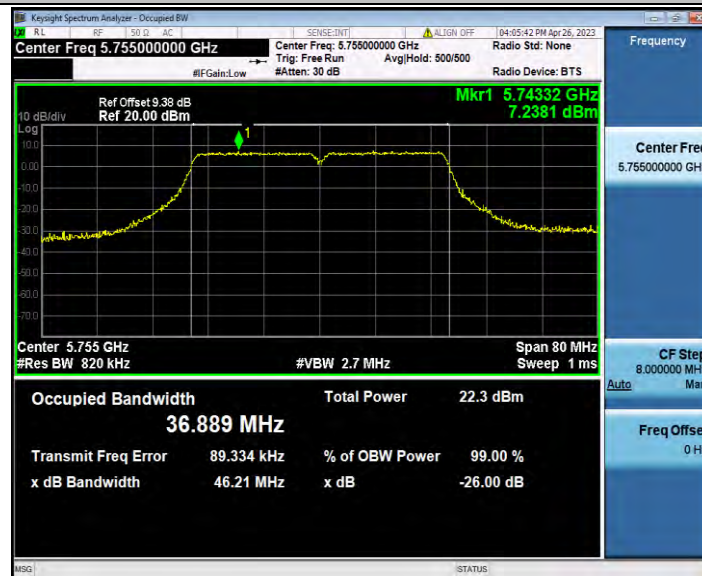
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11N20SISO_Ant1_5785



11N20SISO_Ant1_5825



11N40SISO_Ant1_5755



11N40SISO_Ant1_5795



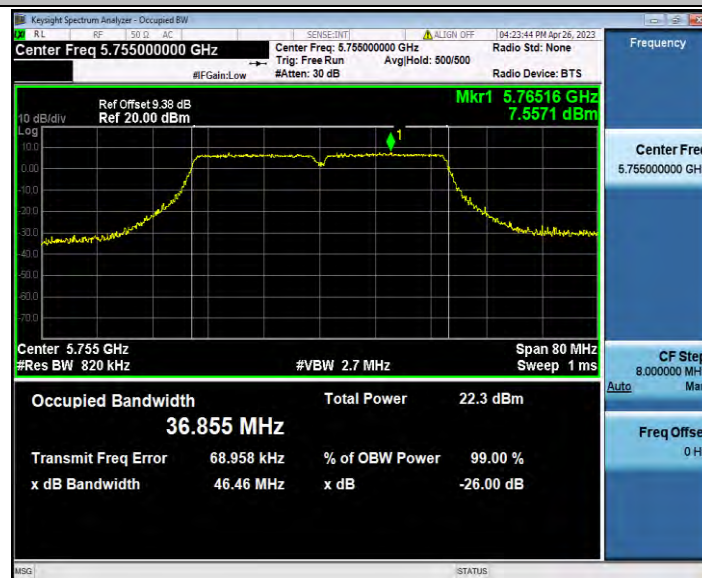
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11AC20SISO_Ant1_5785



11AC20SISO_Ant1_5825



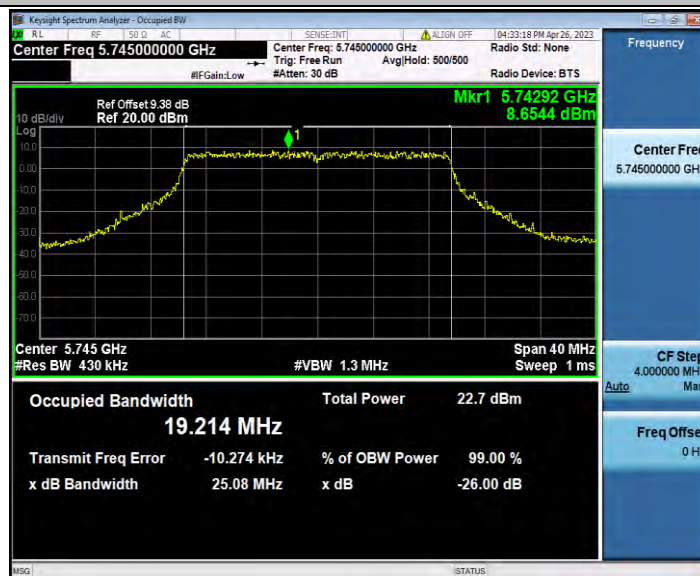
11AC40SISO_Ant1_5755



11AC40SISO_Ant1_5795



11AC80SISO_Ant1_5775



11AX20SISO_Ant1_5745



11AX20SISO_Ant1_5785



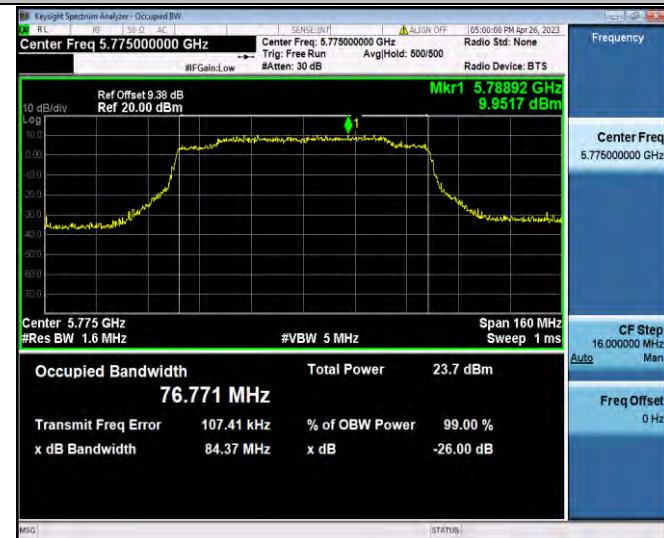
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11AX40SISO_Ant1_5755



11AX40SISO_Ant1_5795



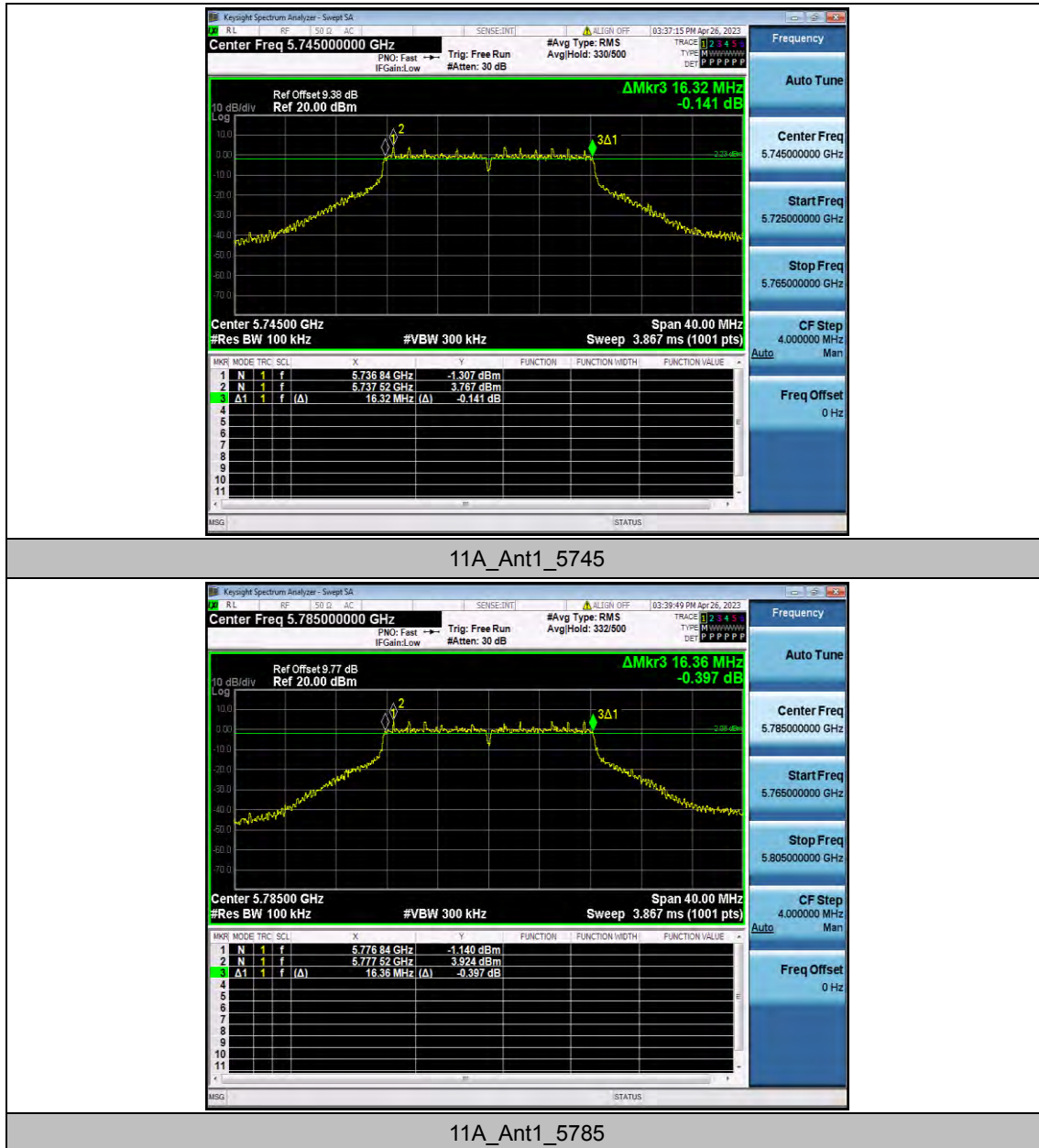
11AX80SISO_Ant1_5775

Appendix E.2: Min emission bandwidth

Test Result B4

TestMode	Antenna	Frequency[MHz]	6db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5745	16.320	5736.840	5753.160	0.5	PASS
		5785	16.360	5776.840	5793.200	0.5	PASS
		5825	16.320	5816.840	5833.160	0.5	PASS
11N20SISO	Ant1	5745	17.560	5736.240	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	Ant1	5755	36.320	5736.840	5773.160	0.5	PASS
		5795	36.320	5776.840	5813.160	0.5	PASS
11AC20SISO	Ant1	5745	17.520	5736.240	5753.760	0.5	PASS
		5785	17.600	5776.200	5793.800	0.5	PASS
		5825	17.560	5816.240	5833.800	0.5	PASS
11AC40SISO	Ant1	5755	36.320	5736.840	5773.160	0.5	PASS
		5795	36.320	5776.840	5813.160	0.5	PASS
11AC80SISO	Ant1	5775	72.640	5738.680	5811.320	0.5	PASS
11AX20SISO	Ant1	5745	18.720	5735.600	5754.320	0.5	PASS
		5785	18.840	5775.600	5794.440	0.5	PASS
		5825	18.800	5815.640	5834.440	0.5	PASS
11AX40SISO	Ant1	5755	36.320	5736.840	5773.160	0.5	PASS
		5795	36.320	5776.840	5813.160	0.5	PASS
11AX80SISO	Ant1	5775	75.200	5737.400	5812.600	0.5	PASS

Test Graphs B4





11A_Ant1_5825



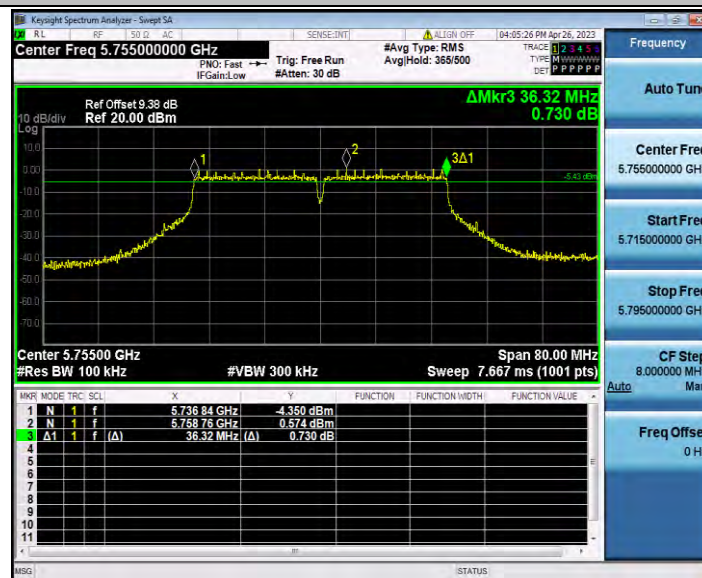
11N20SISO_Ant1_5745



11N20SISO_Ant1_5785



11N20SISO_Ant1_5825



11N40SISO_Ant1_5755



11AC20SISO_Ant1_5785



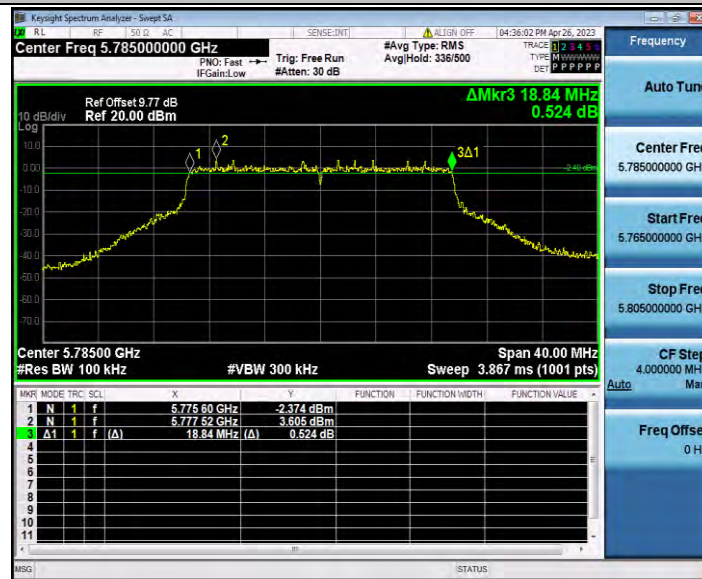
11AC20SISO_Ant1_5825



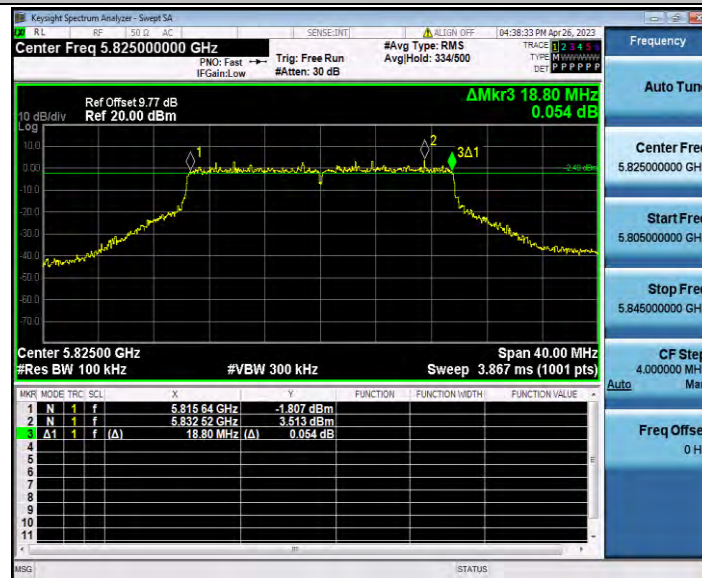
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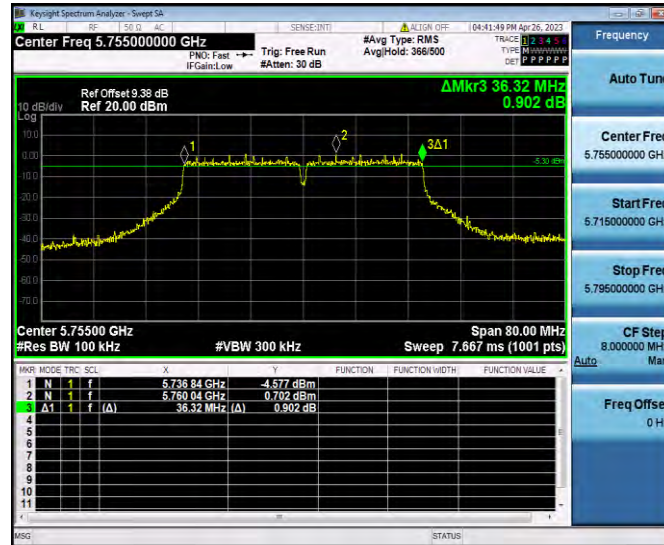
11AX20SISO_Ant1_5745



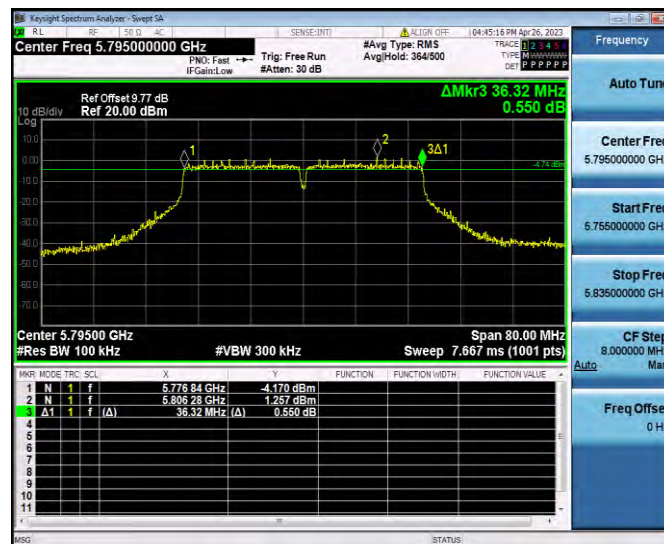
11AX20SISO_Ant1_5785



11AX20SISO_Ant1_5825



11AX40SISO_Ant1_5755



11AX40SISO_Ant1_5795



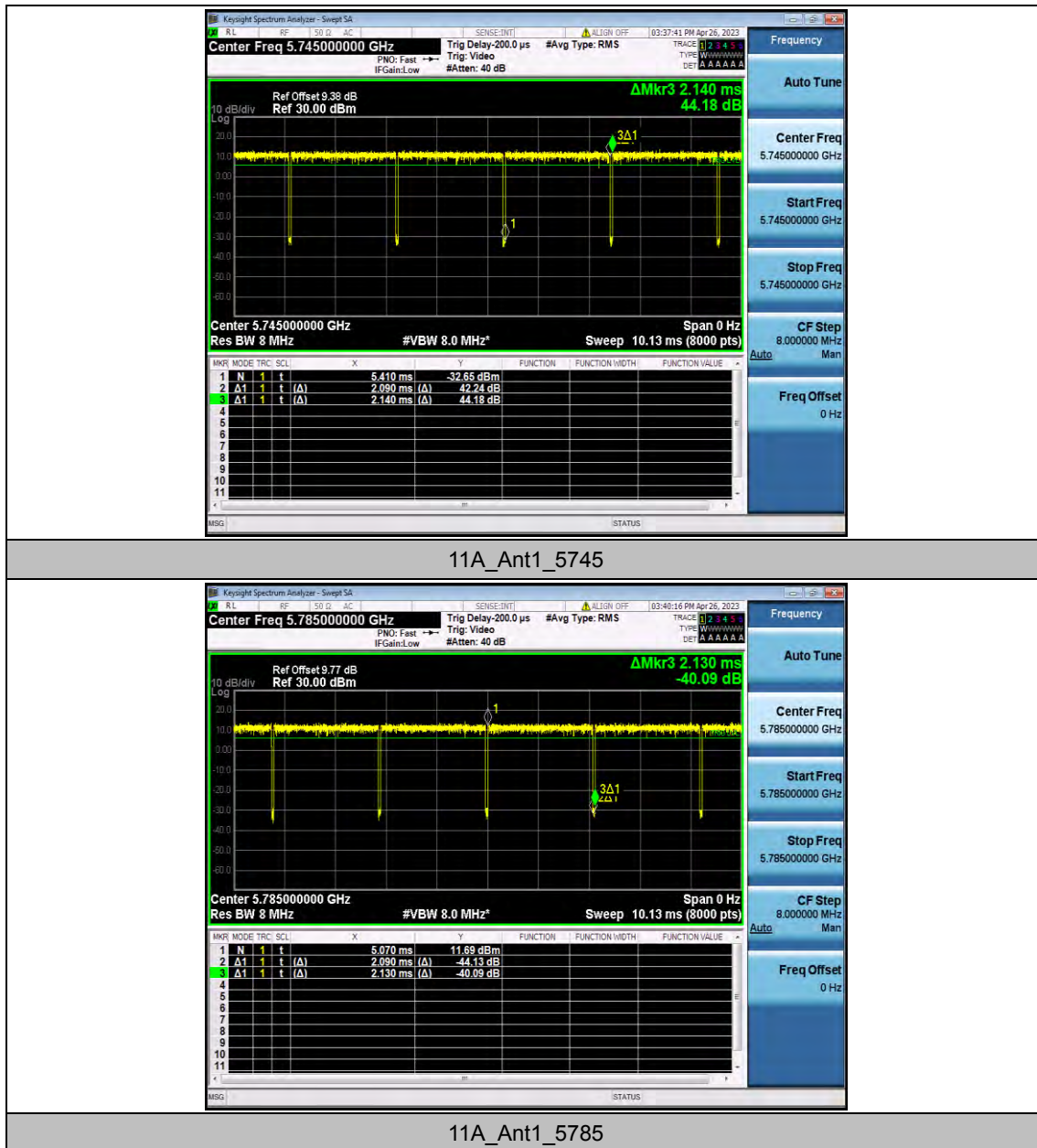
11AX80SISO_Ant1_5775

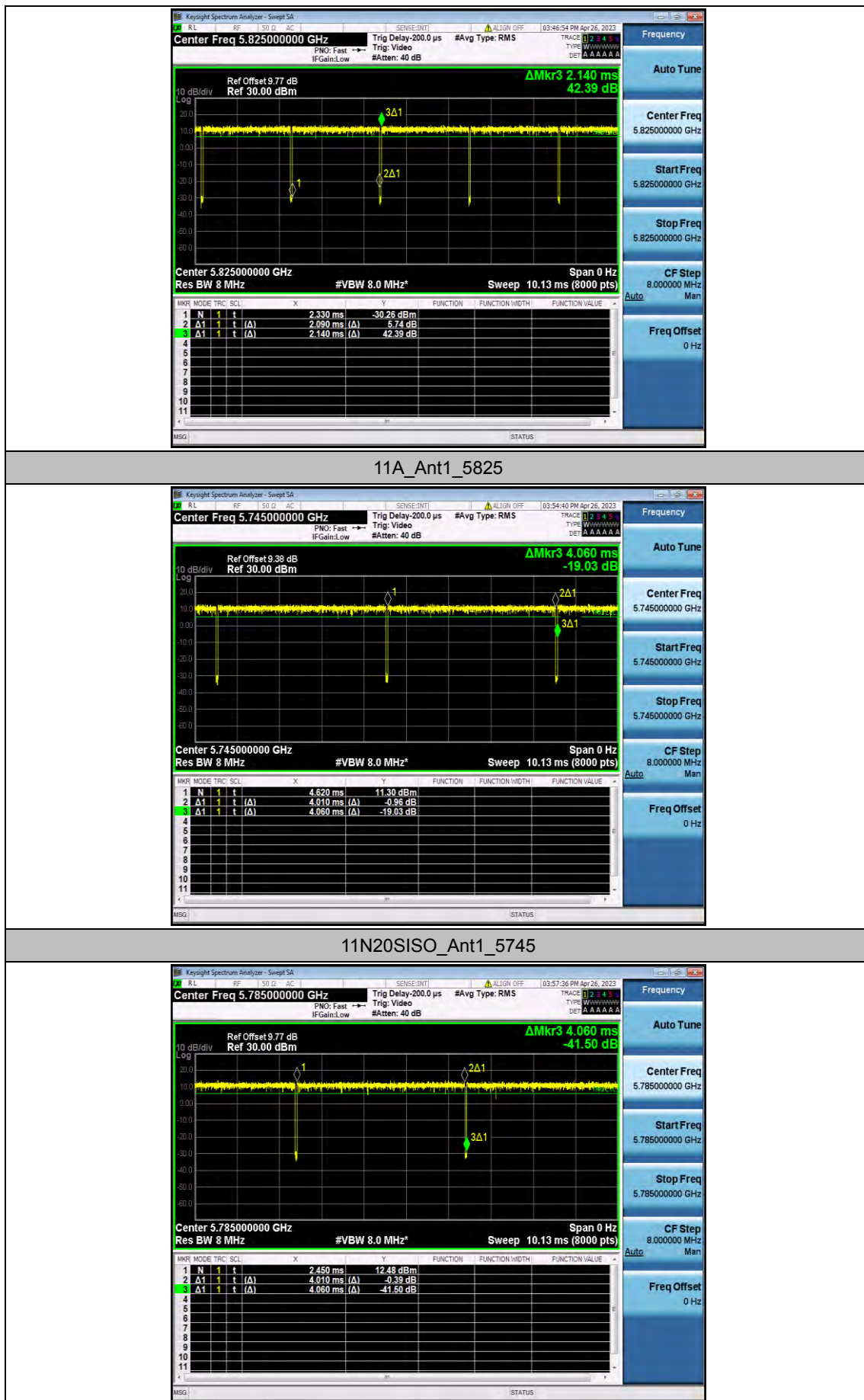
Appendix E.3: Duty Cycle

Test Result

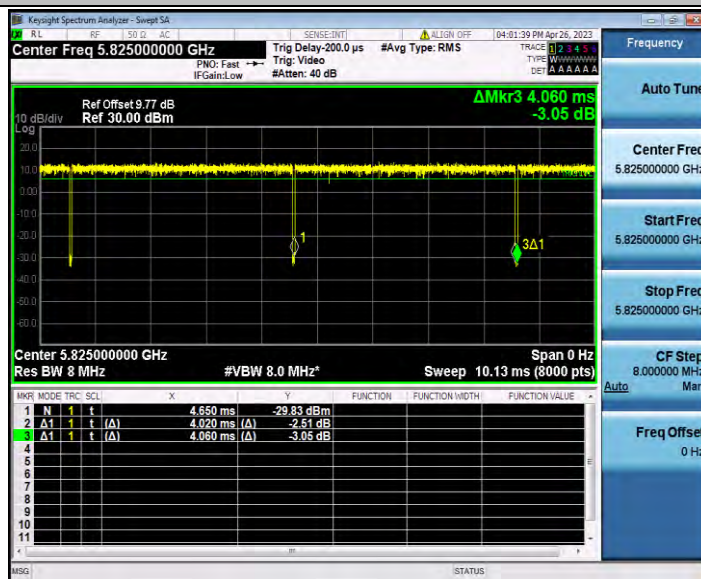
TestMode	Antenna	Frequency[MHz]	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]
11A	Ant1	5745	2.09	2.14	97.66
		5785	2.09	2.13	98.12
		5825	2.09	2.14	97.66
11N20SISO	Ant1	5745	4.01	4.06	98.77
		5785	4.01	4.06	98.77
		5825	4.02	4.06	99.01
11N40SISO	Ant1	5755	3.99	4.04	98.76
		5795	4.00	4.04	99.01
11AC20SISO	Ant1	5745	4.01	4.05	99.01
		5785	4.01	4.05	99.01
		5825	4.00	4.05	98.77
11AC40SISO	Ant1	5755	3.98	4.02	99.00
		5795	3.98	4.03	98.76
11AC80SISO	Ant1	5775	3.98	4.03	98.76
11AX20SISO	Ant1	5745	4.00	4.05	98.77
		5785	4.00	4.05	98.77
		5825	4.00	4.05	98.77
11AX40SISO	Ant1	5755	4.00	4.04	99.01
		5795	3.99	4.04	98.76
11AX80SISO	Ant1	5775	3.98	4.03	98.76

Test Graphs

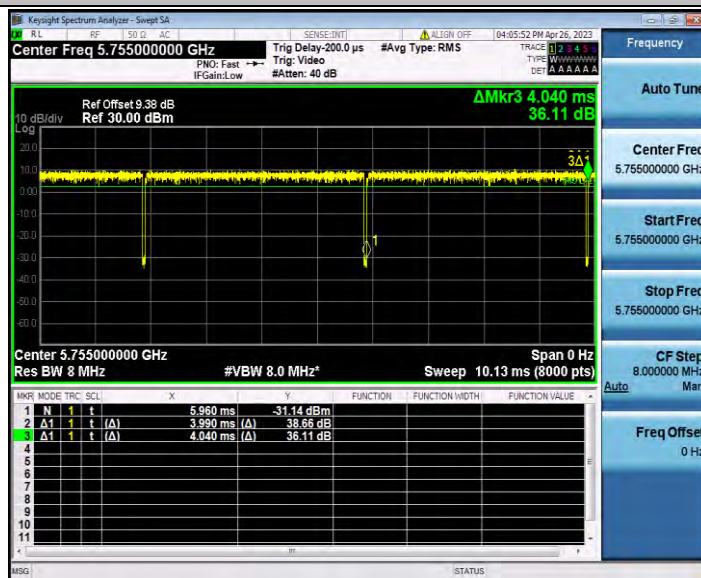




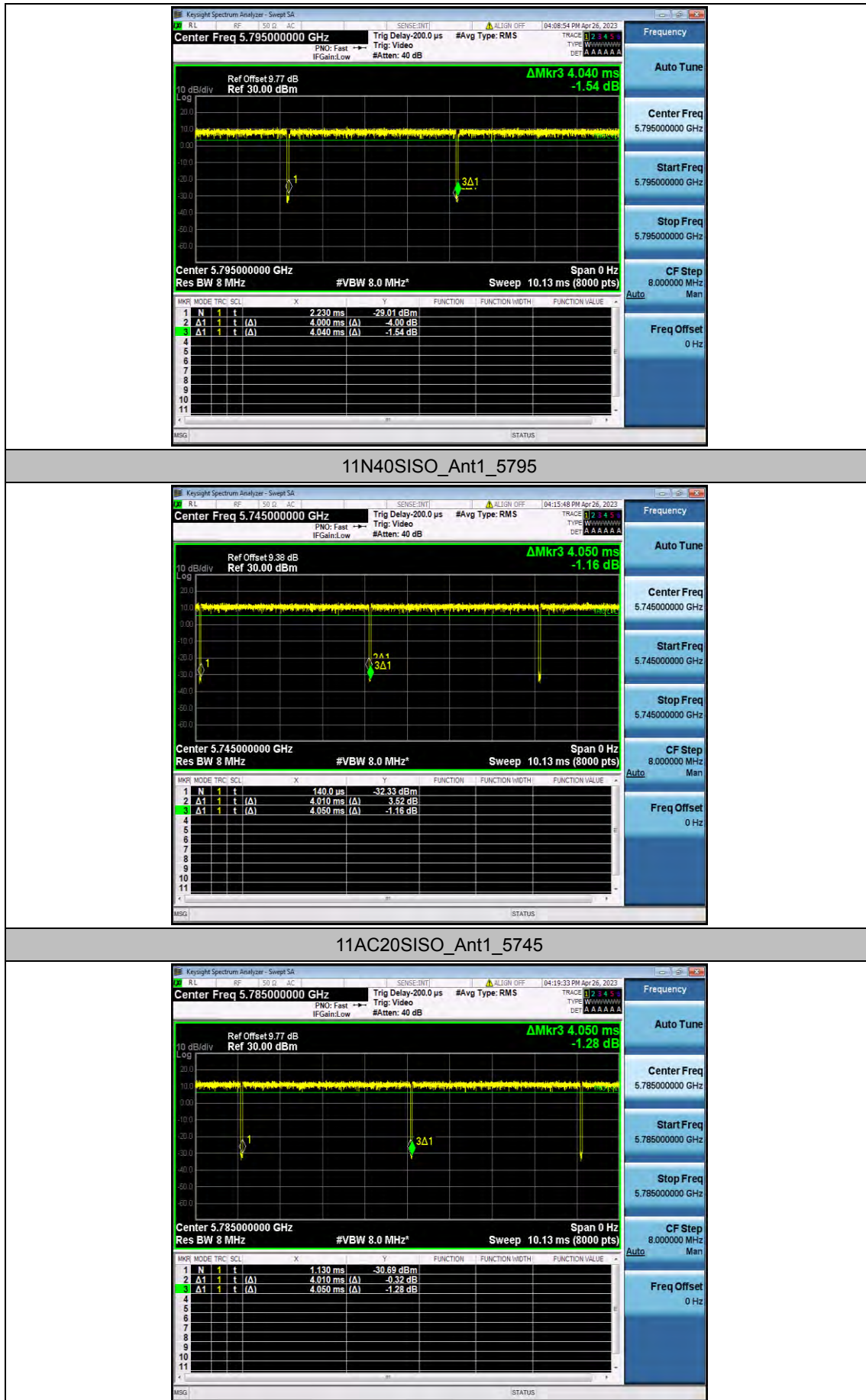
11N20SISO_Ant1_5785



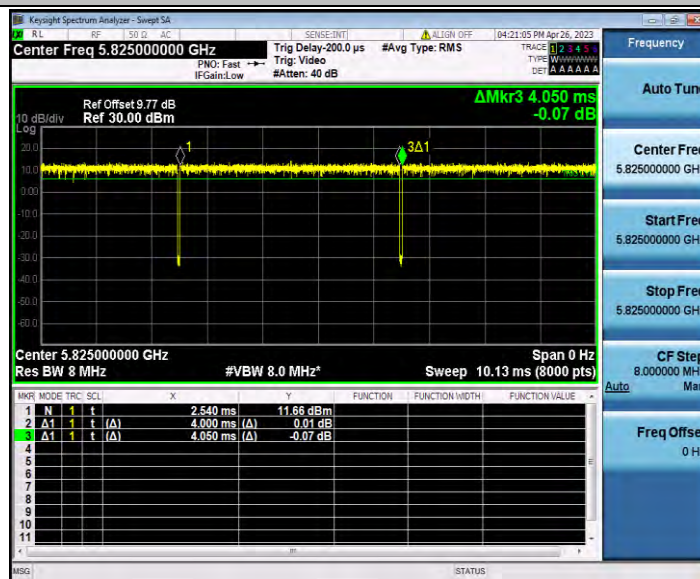
11N20SISO_Ant1_5825



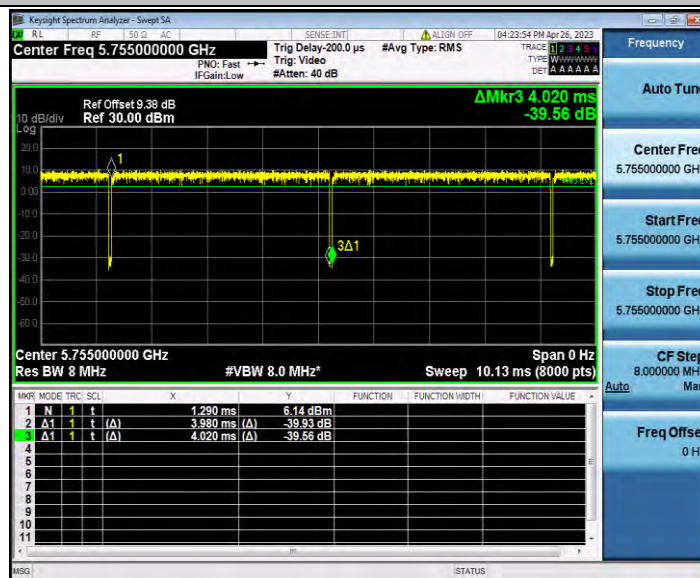
11N40SISO_Ant1_5755



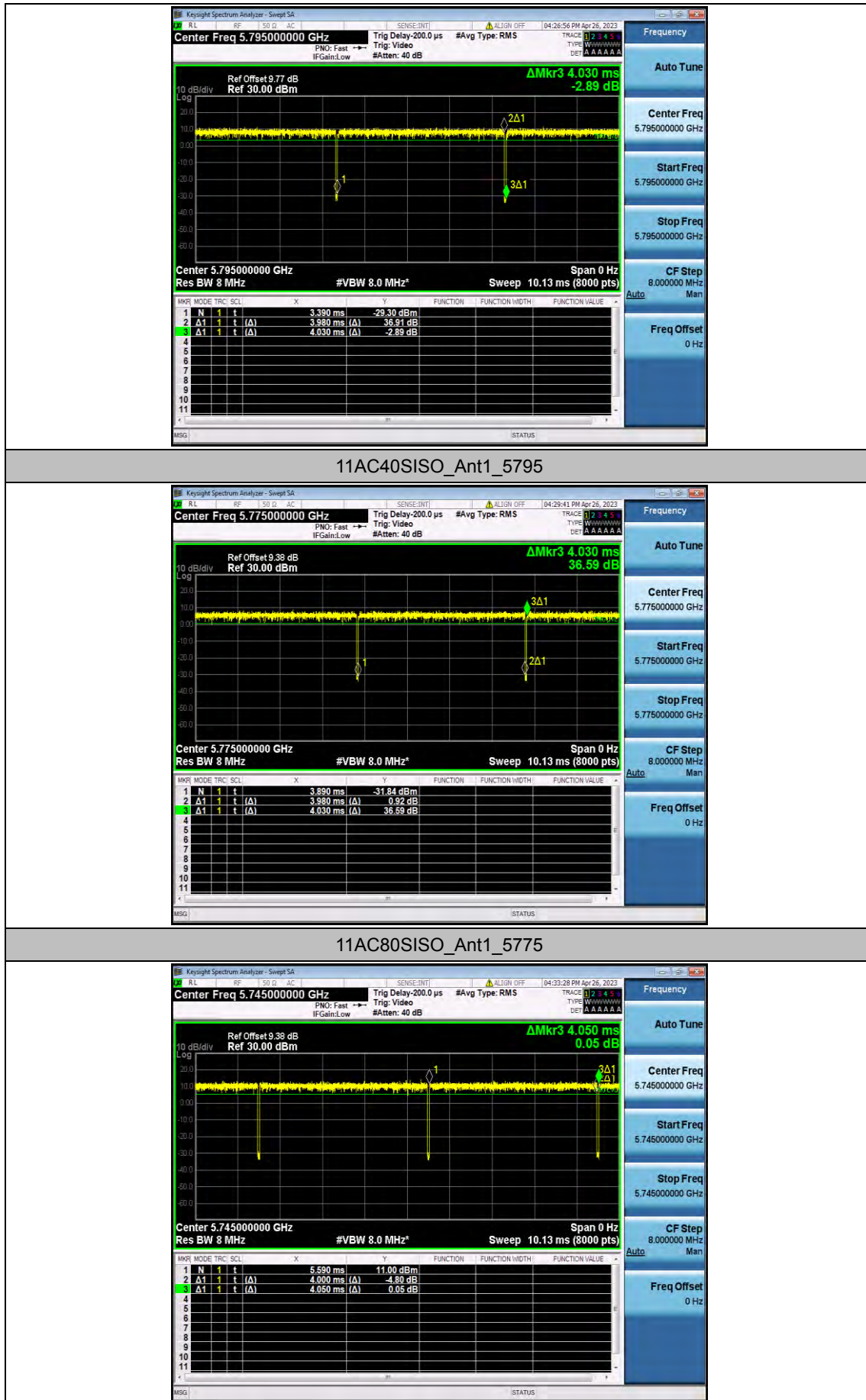
11AC20SISO_Ant1_5785



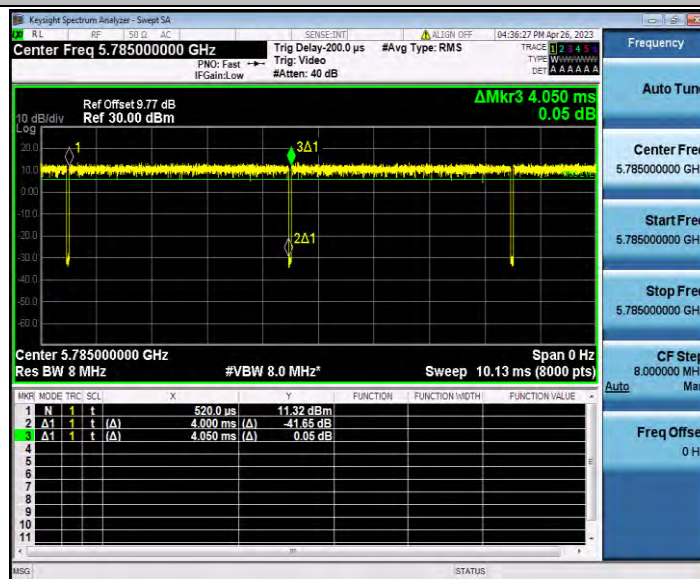
11AC20SISO_Ant1_5825



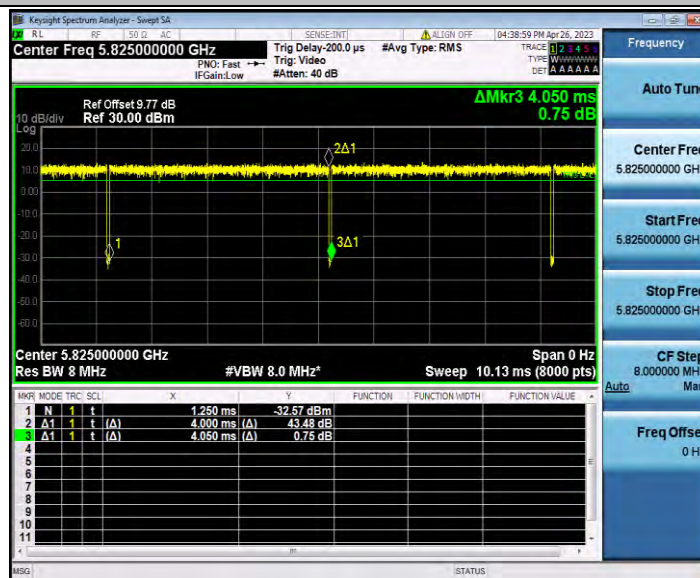
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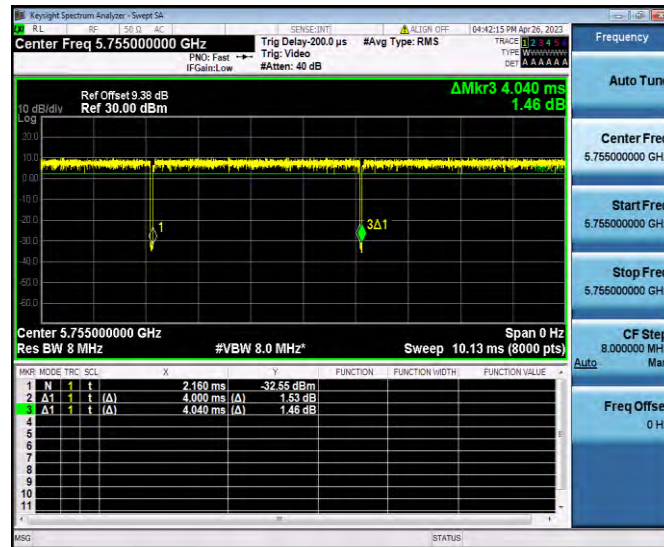
11AX20SISO_Ant1_5745



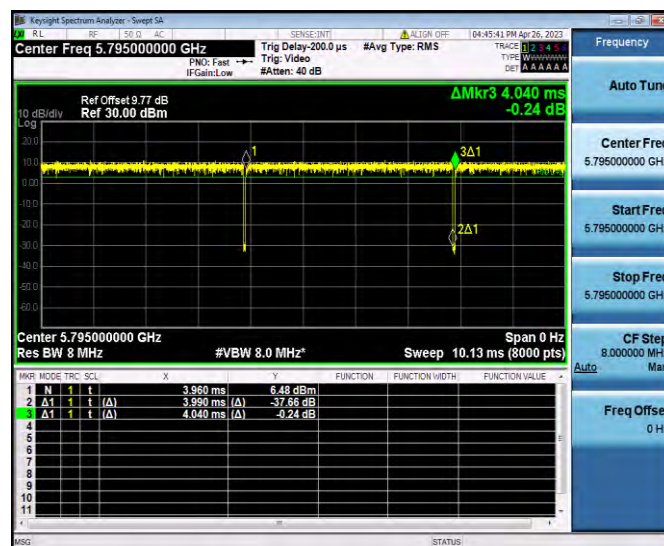
11AX20SISO_Ant1_5785



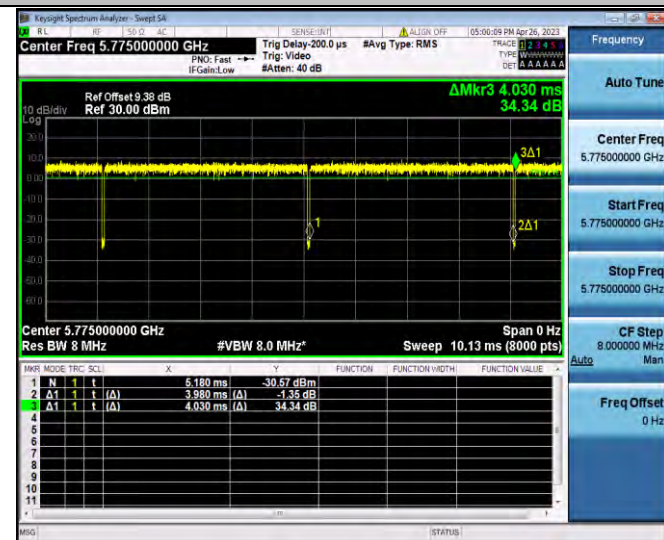
11AX20SISO_Ant1_5825



11AX40SISO_Ant1_5755



11AX40SISO_Ant1_5795



11AX80SISO_Ant1_5775