

Case No. : <u>GTS20250225018-5-08</u>	
Ambient Condition: <u>21</u> °C, <u>52</u> %RH	
According Standard: ■Part15E	
Test Date: <u>2025.5.14</u>	Test Engineer: <u>Evan ouyang</u>

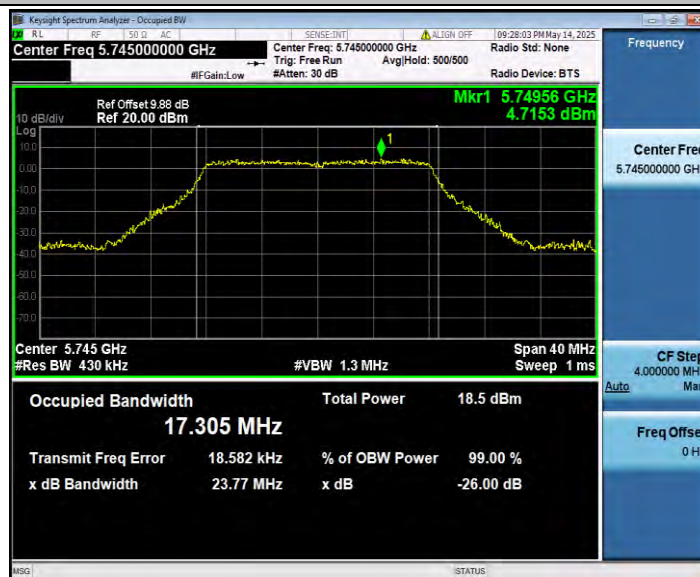
Appendix E.1: Occupied channel bandwidth

Test Result

TestMode	Antenna	Freq(MHz)	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5745	17.305	5736.3661	5753.6711	---	---
		5785	17.256	5776.3848	5793.6408	---	---
		5825	17.288	5816.3381	5833.6261	---	---
11N20SISO	Ant1	5745	18.314	5735.8506	5754.1646	---	---
		5785	18.320	5775.8152	5794.1352	---	---
		5825	18.331	5815.7867	5834.1177	---	---
11N40SISO	Ant1	5755	36.724	5736.6763	5773.4003	---	---
		5795	36.838	5776.6191	5813.4571	---	---
11AC20SISO	Ant1	5745	18.308	5735.8629	5754.1709	---	---
		5785	18.333	5775.8158	5794.1488	---	---
		5825	18.287	5815.8256	5834.1126	---	---
11AC40SISO	Ant1	5755	36.718	5736.6218	5773.3398	---	---
		5795	36.728	5776.6527	5813.3807	---	---
11AC80SISO	Ant1	5775	75.120	5737.4907	5812.6107	---	---
11AX20SISO	Ant1	5745	19.163	5735.4199	5754.5829	---	---
		5785	19.170	5775.4213	5794.5913	---	---
		5825	19.175	5815.3904	5834.5654	---	---
11AX40SISO	Ant1	5755	38.050	5736.0007	5774.0507	---	---
		5795	38.078	5775.9779	5814.0559	---	---
11AX80SISO	Ant1	5775	76.699	5736.6376	5813.3366	---	---

Test Graphs

11A_Ant1_5745



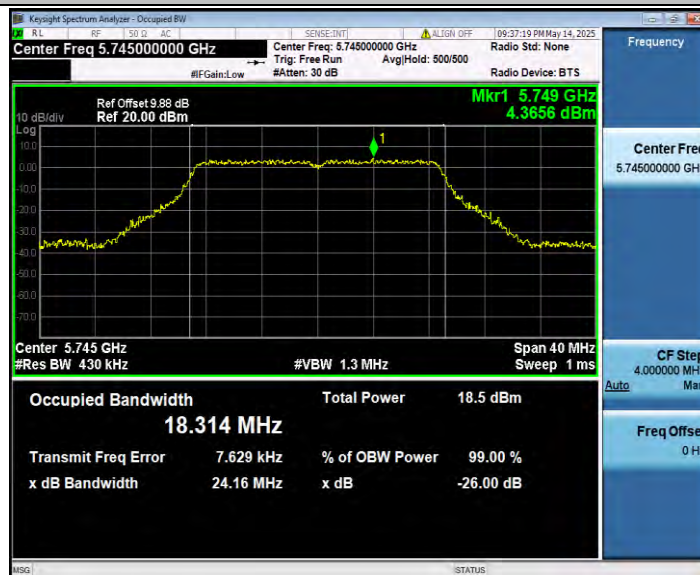
11A_Ant1_5785



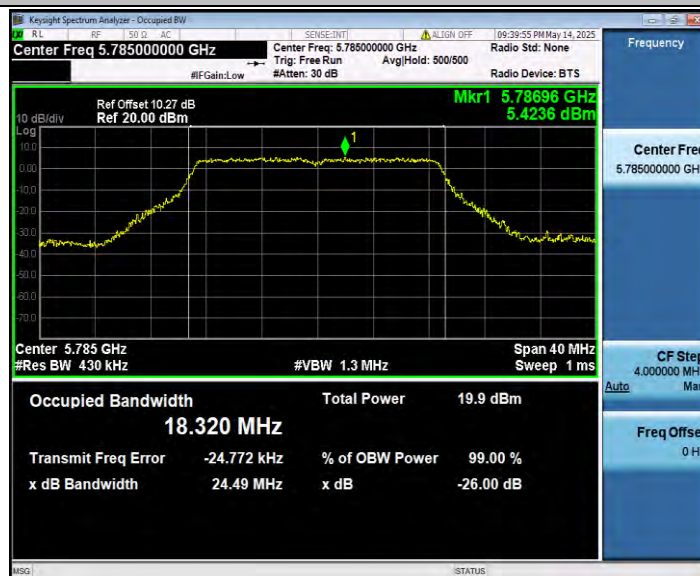
11A_Ant1_5825



11N20SISO_Ant1_5745



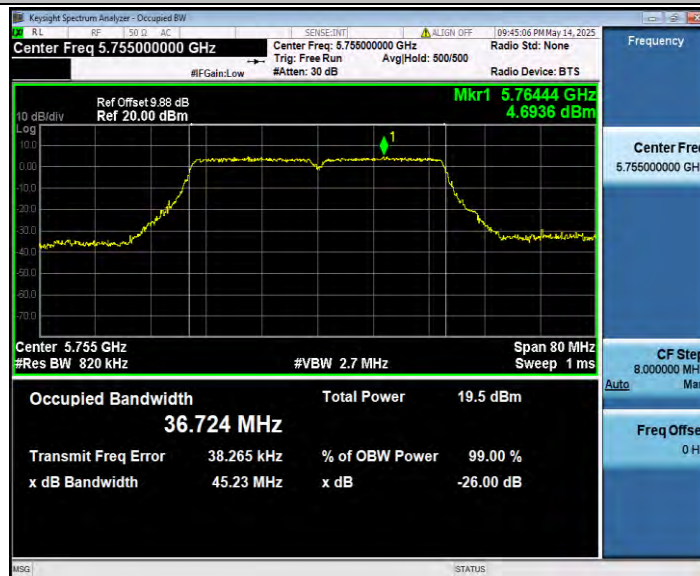
11N20SISO_Ant1_5785



11N20SISO_Ant1_5825



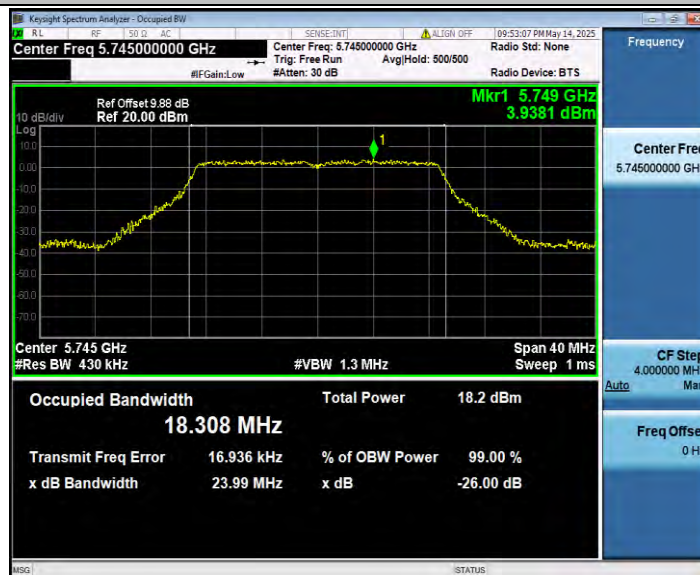
11N40SISO_Ant1_5755



11N40SISO_Ant1_5795



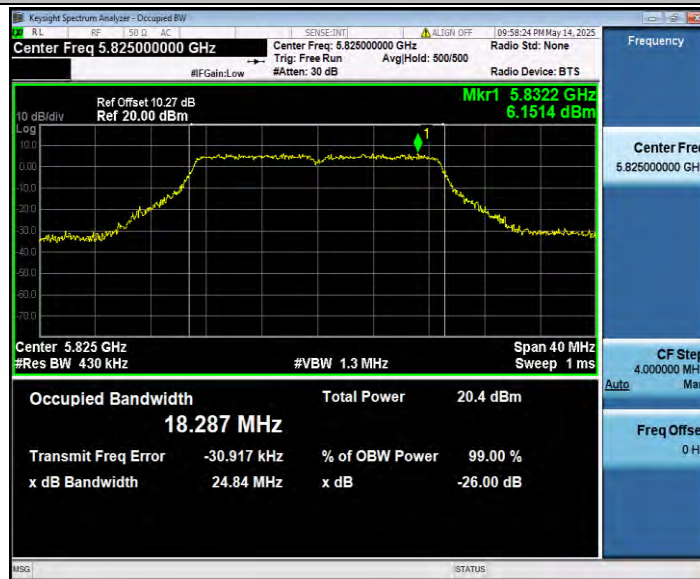
11AC20SISO_Ant1_5745



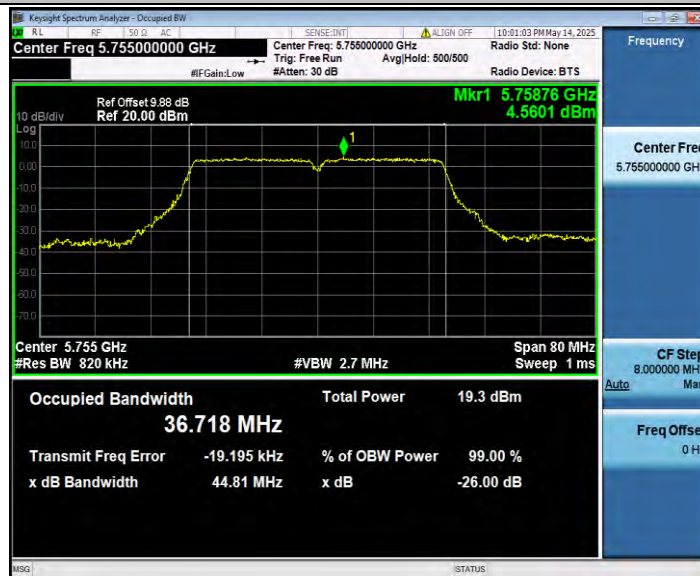
11AC20SISO_Ant1_5785



11AC20SISO_Ant1_5825



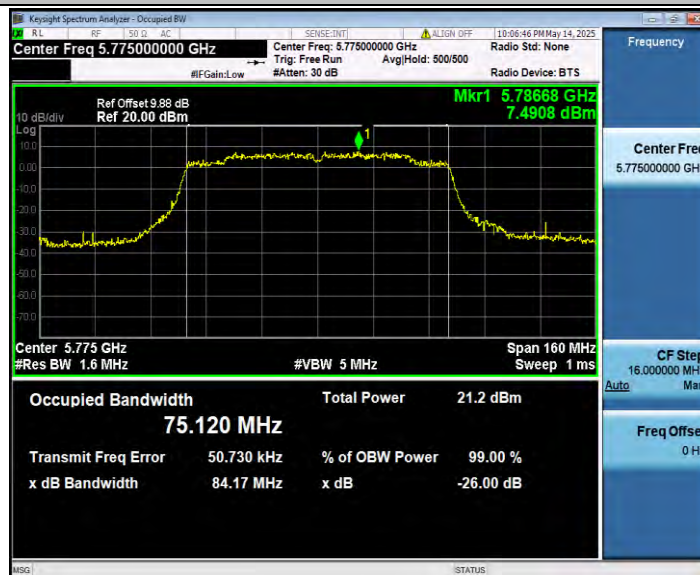
11AC40SISO_Ant1_5755



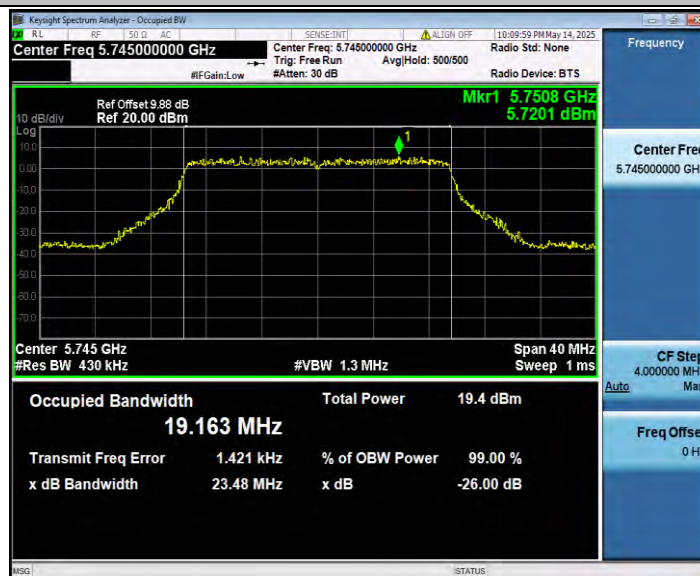
11AC40SISO_Ant1_5795



11AC80SISO_Ant1_5775



11AX20SISO_Ant1_5745



11AX20SISO_Ant1_5785



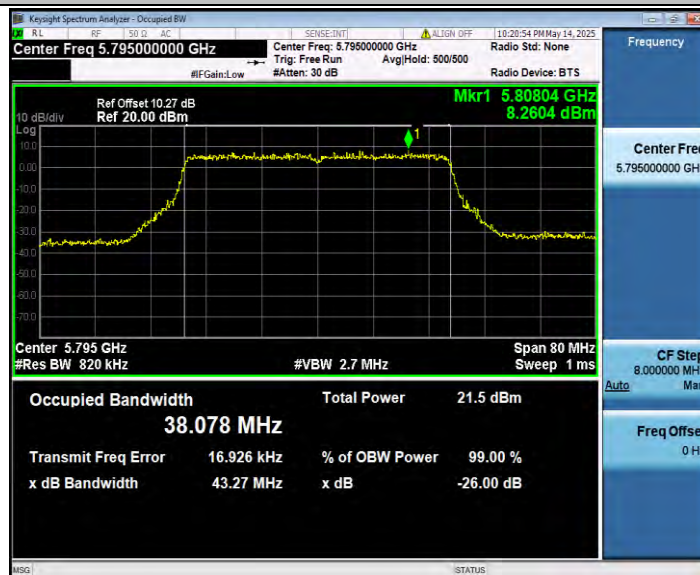
11AX20SISO_Ant1_5825



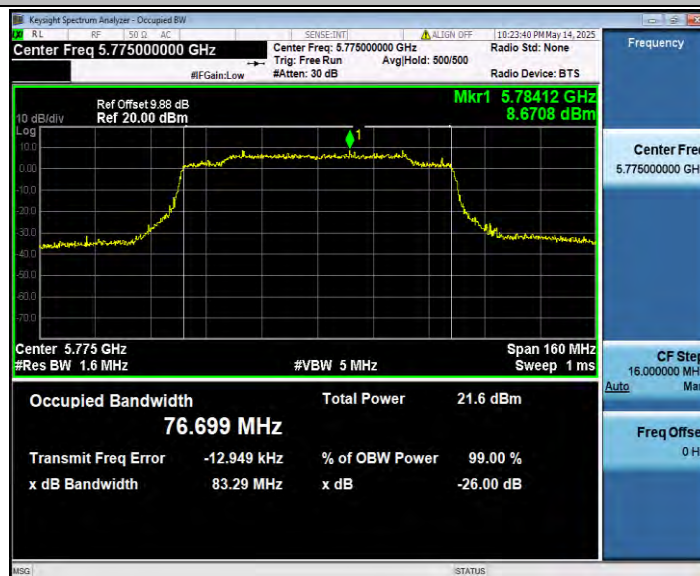
11AX40SISO_Ant1_5755



11AX40SISO_Ant1_5795



11AX80SISO_Ant1_5775

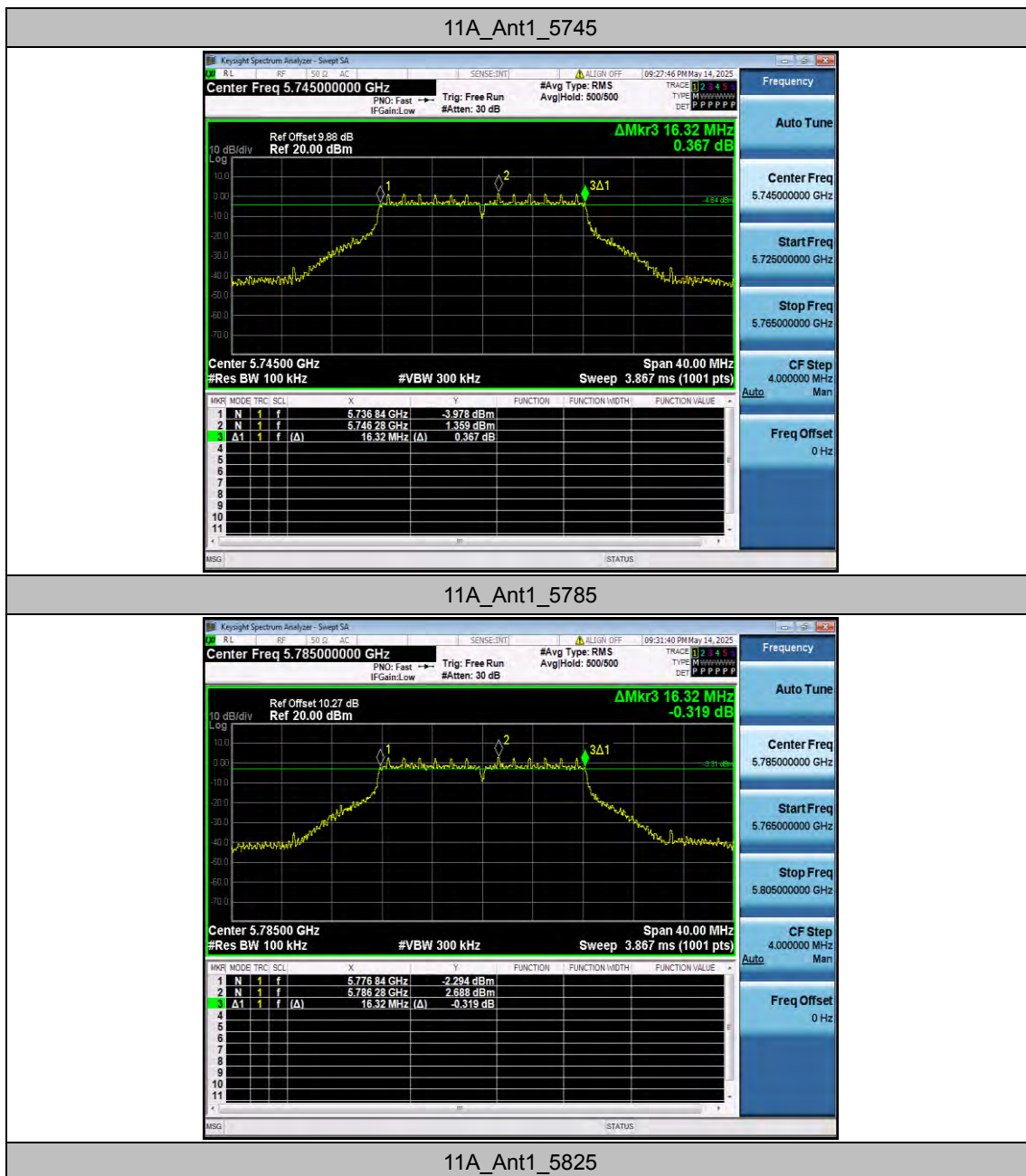


Appendix E.2: Min emission bandwidth

Test Result B4

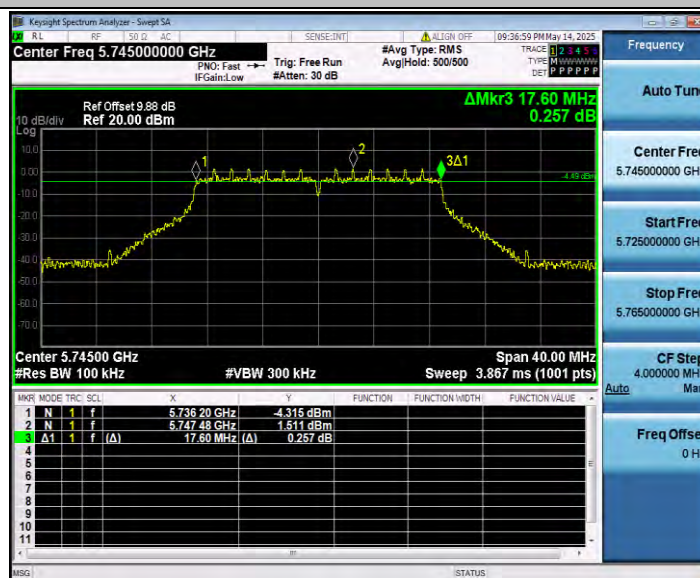
TestMode	Antenna	Freq(MHz)	6db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5745	16.320	5736.840	5753.160	0.5	PASS
		5785	16.320	5776.840	5793.160	0.5	PASS
		5825	16.320	5816.840	5833.160	0.5	PASS
11N20SISO	Ant1	5745	17.600	5736.200	5753.800	0.5	PASS
		5785	17.560	5776.240	5793.800	0.5	PASS
		5825	17.560	5816.200	5833.760	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	17.600	5736.200	5753.800	0.5	PASS
		5785	17.560	5776.240	5793.800	0.5	PASS
		5825	17.600	5816.200	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	75.200	5737.400	5812.600	0.5	PASS
11AX20SISO	Ant1	5745	18.600	5735.880	5754.480	0.5	PASS
		5785	18.760	5775.600	5794.360	0.5	PASS
		5825	18.760	5815.600	5834.360	0.5	PASS
11AX40SISO	Ant1	5755	37.760	5736.120	5773.880	0.5	PASS
		5795	37.840	5776.120	5813.960	0.5	PASS
11AX80SISO	Ant1	5775	72.640	5738.680	5811.320	0.5	PASS

Test Graphs B4

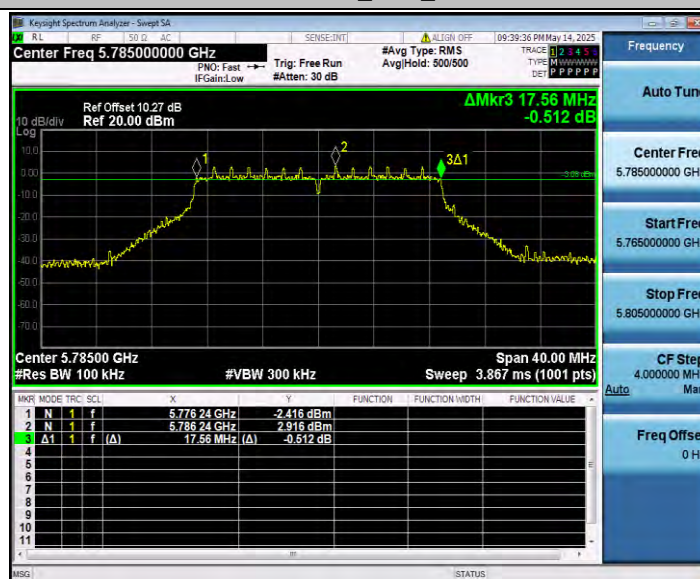




11N20SISO_Ant1_5745



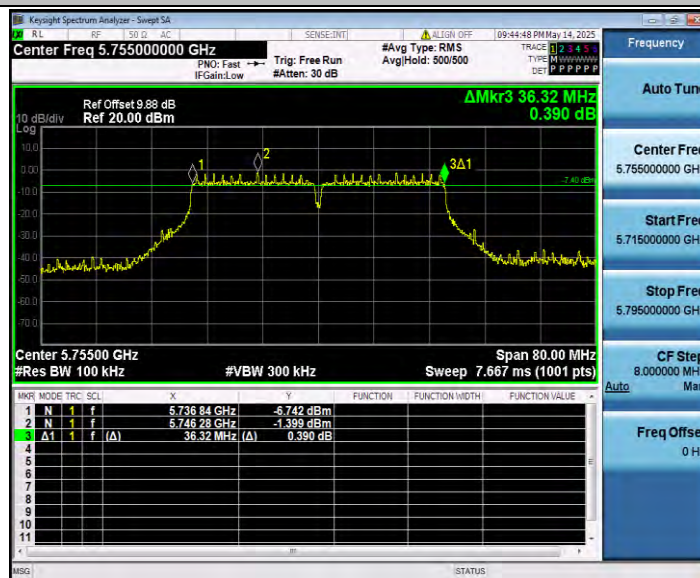
11N20SISO_Ant1_5785



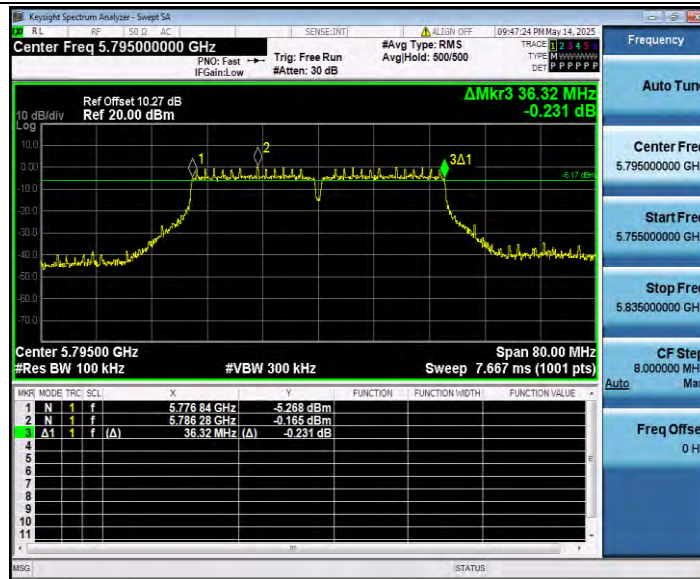
11N20SISO_Ant1_5825



11N40SISO_Ant1_5755



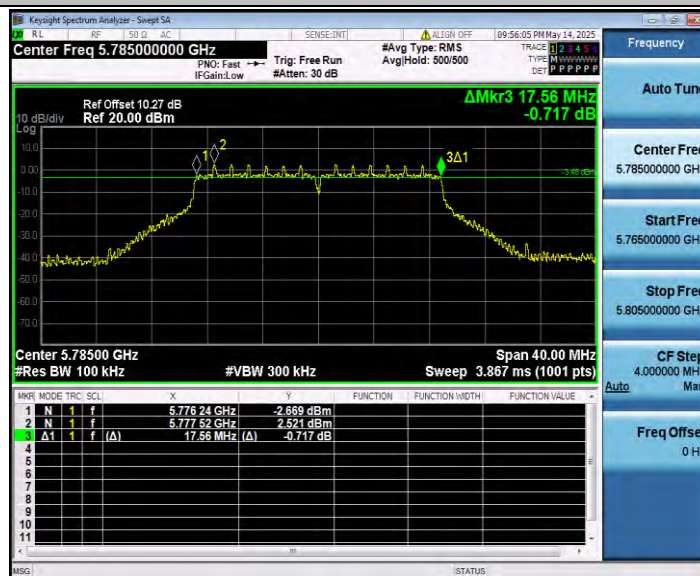
11N40SISO_Ant1_5795



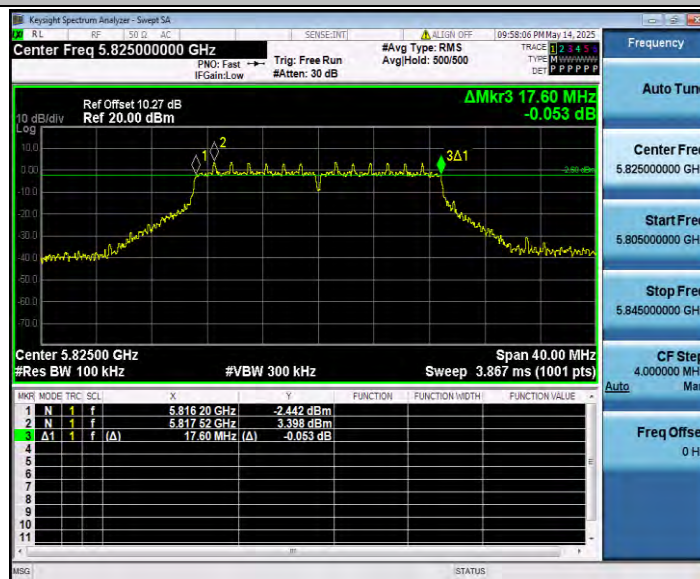
11AC20SISO_Ant1_5745



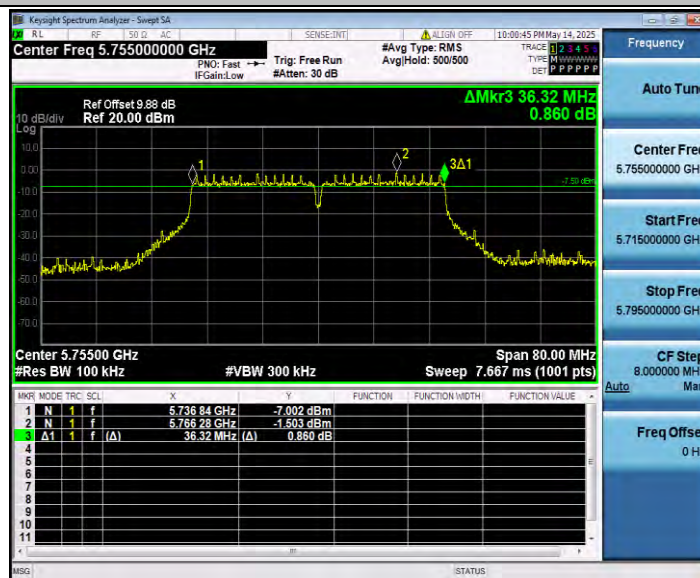
11AC20SISO_Ant1_5785



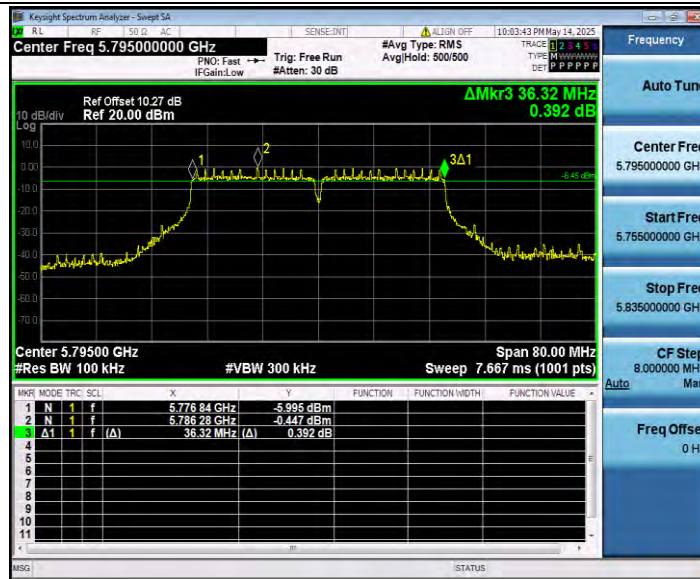
11AC20SISO_Ant1_5825



11AC40SISO_Ant1_5755



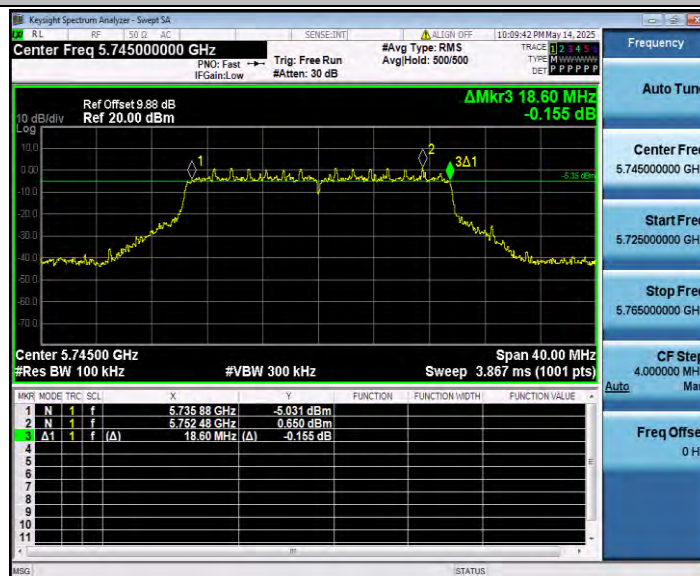
11AC40SISO_Ant1_5795



11AC80SISO_Ant1_5775



11AX20SISO_Ant1_5745



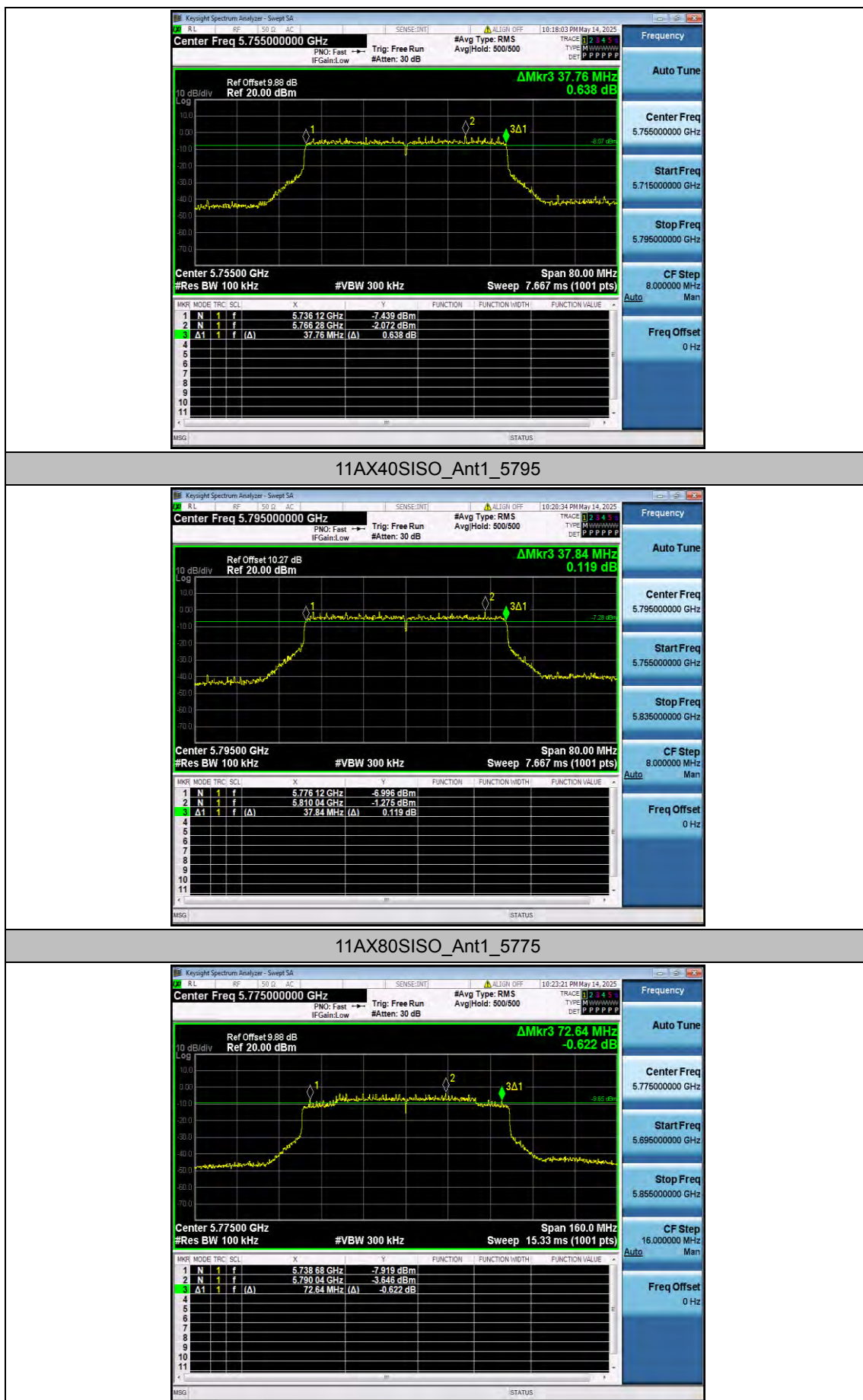
11AX20SISO_Ant1_5785



11AX20SISO_Ant1_5825



11AX40SISO_Ant1_5755

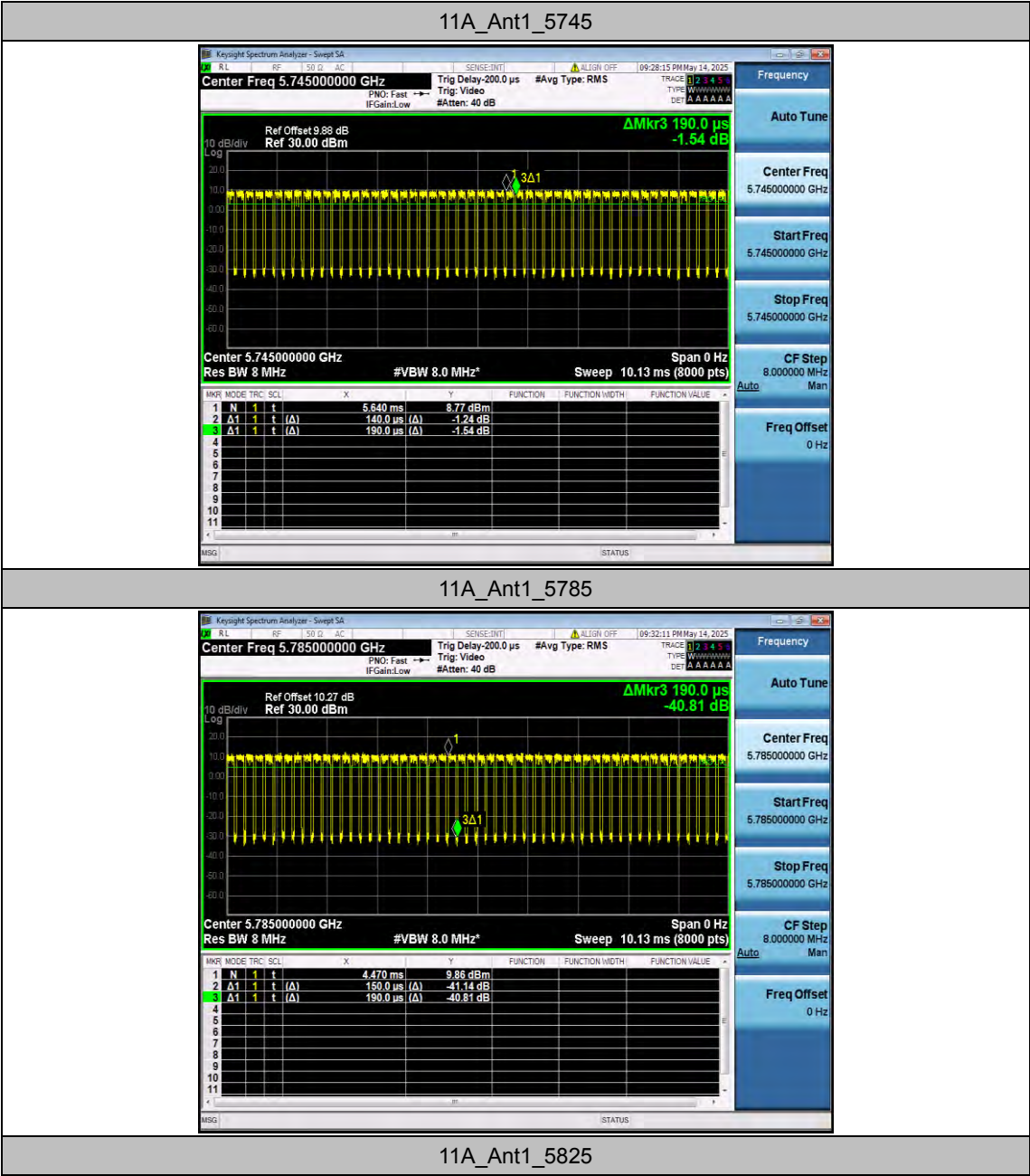


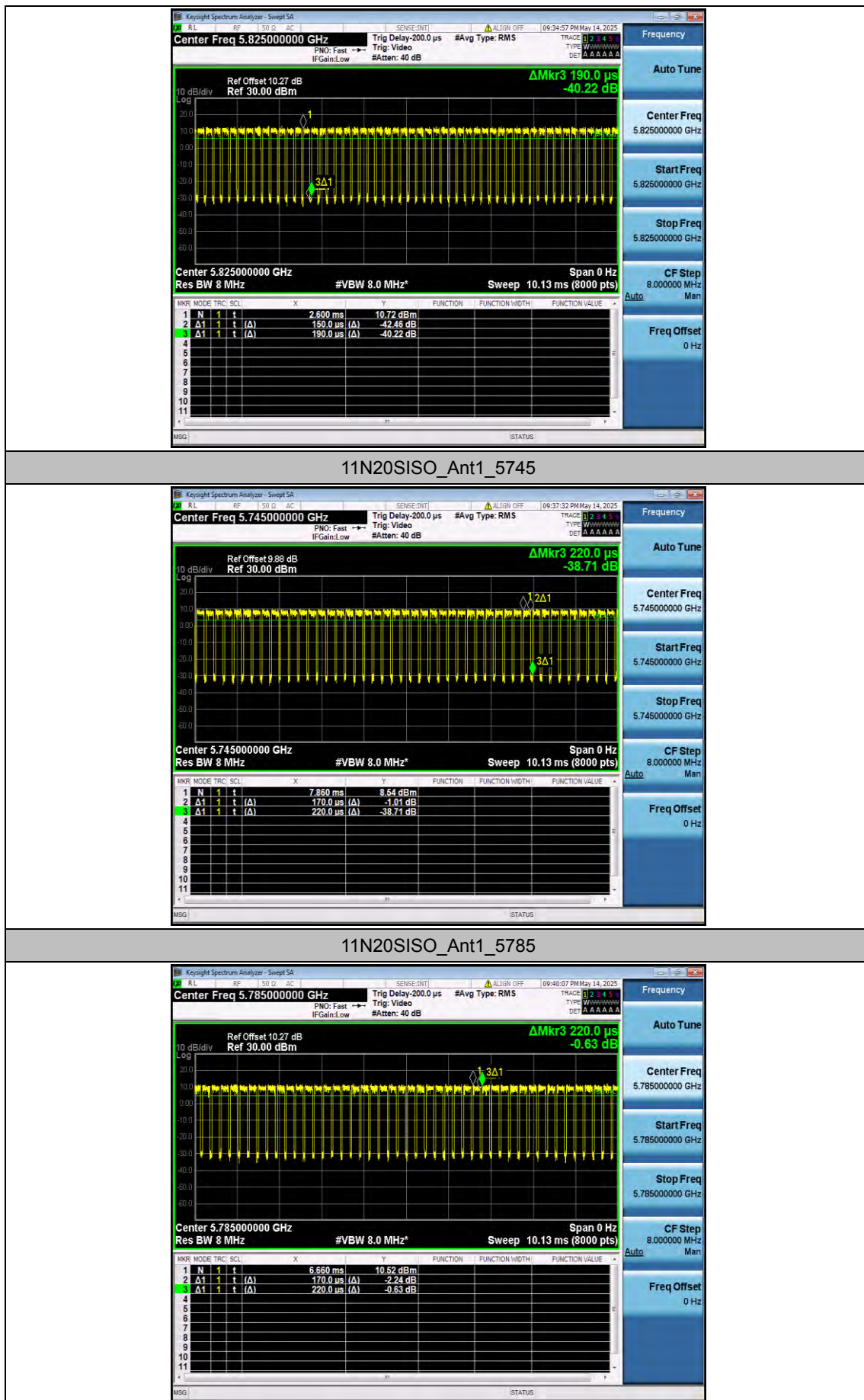
Appendix E.3: Duty Cycle

Test Result

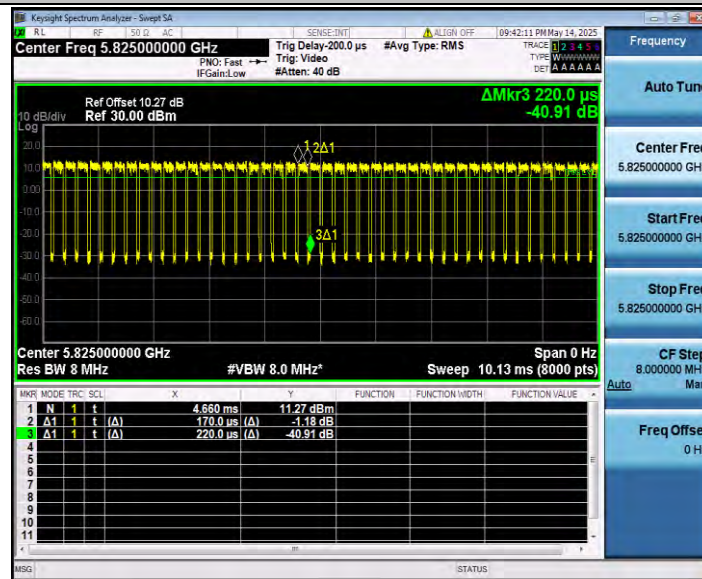
TestMode	Antenna	Freq(MHz)	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	Duty Cycle Factor[dB]	1/T Factor[KHz]
11A	Ant1	5745	0.14	0.19	73.68	1.33	7.14
		5785	0.15	0.19	78.95	1.03	6.67
		5825	0.15	0.19	78.95	1.03	6.67
11N20SISO	Ant1	5745	0.17	0.22	77.27	1.12	5.88
		5785	0.17	0.22	77.27	1.12	5.88
		5825	0.17	0.22	77.27	1.12	5.88
11N40SISO	Ant1	5755	0.18	0.23	78.26	1.06	5.56
		5795	0.18	0.22	81.82	0.87	5.56
11AC20SISO	Ant1	5745	0.16	0.21	76.19	1.18	6.25
		5785	0.17	0.21	80.95	0.92	5.88
		5825	0.17	0.21	80.95	0.92	5.88
11AC40SISO	Ant1	5755	0.16	0.21	76.19	1.18	6.25
		5795	0.16	0.21	76.19	1.18	6.25
11AC80SISO	Ant1	5775	0.17	0.22	77.27	1.12	5.88
11AX20SISO	Ant1	5745	0.17	0.22	77.27	1.12	5.88
		5785	3.99	4.03	99.01	0.04	0.25
		5825	3.98	4.03	98.76	0.05	0.25
11AX40SISO	Ant1	5755	3.98	4.03	98.76	0.05	0.25
		5795	3.99	4.03	99.01	0.04	0.25
11AX80SISO	Ant1	5775	3.98	4.03	98.76	0.05	0.25

Test Graphs

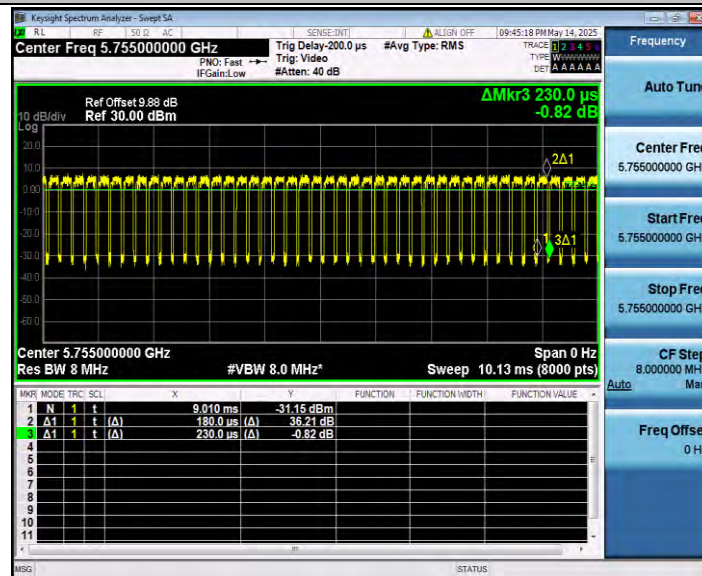




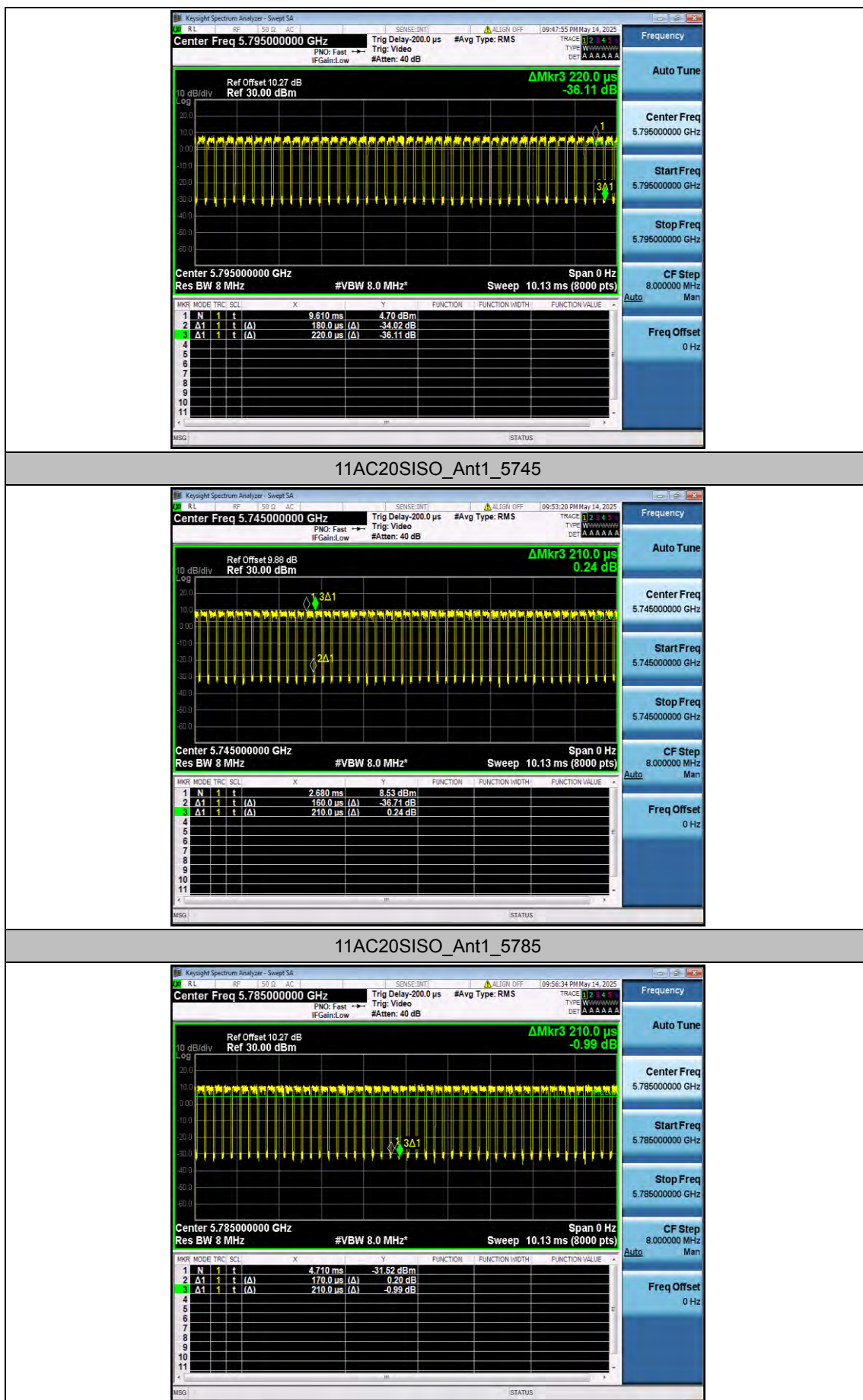
11N20SISO_Ant1_5825

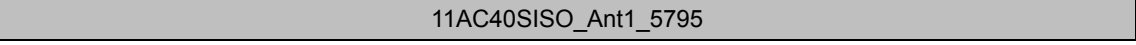
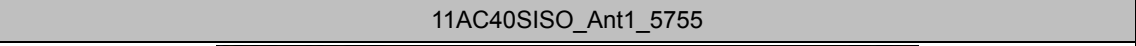


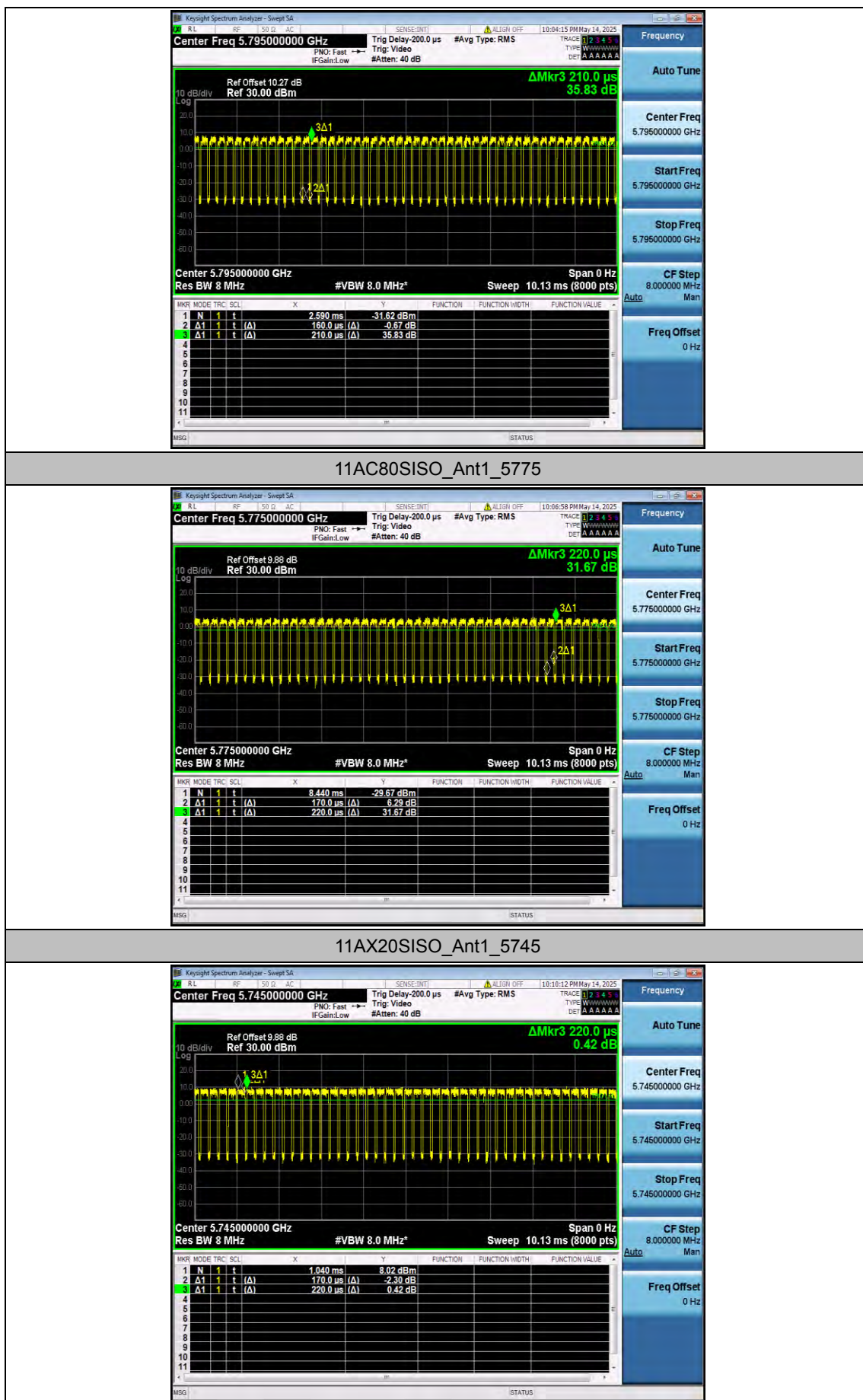
11N40SISO_Ant1_5755



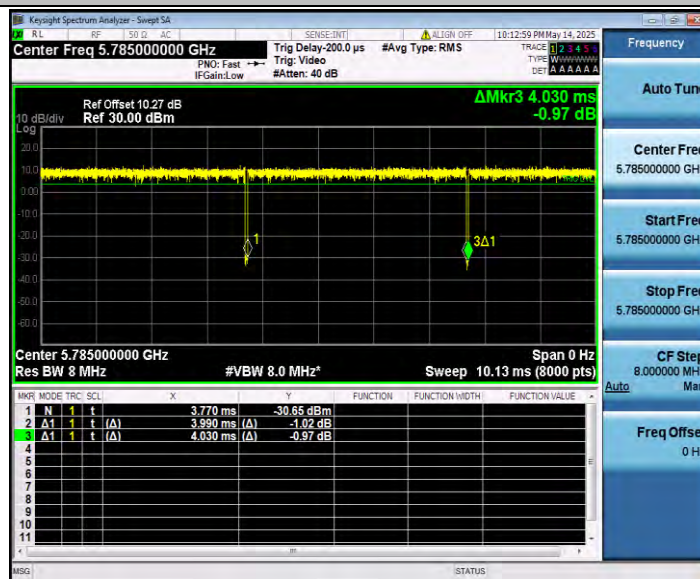
11N40SISO_Ant1_5795



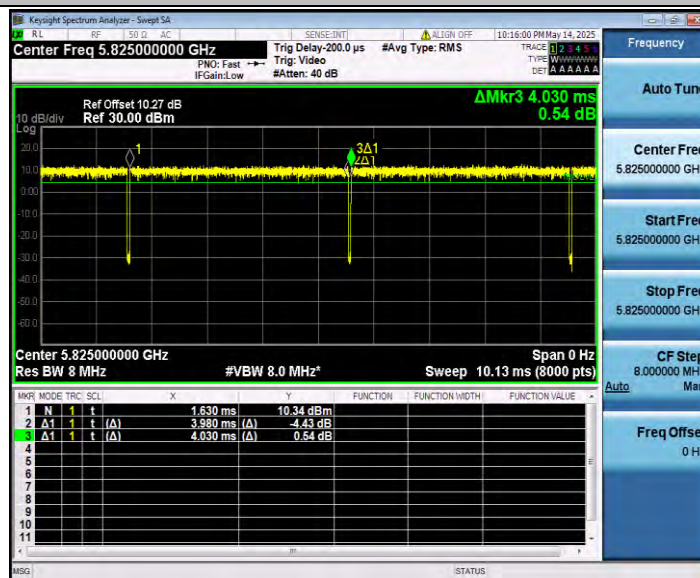




11AX20SISO_Ant1_5785



11AX20SISO_Ant1_5825



11AX40SISO_Ant1_5755

