

Case No. : <u>CTA24111401804</u>	
Ambient Condition: <u>22</u> °C, <u>52</u> %RH	
According Standard: ■Part15E	
Test Date: <u>2024.9.13</u>	Test Engineer: <u>Lushan Kong</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	17.324	5736.3402	5753.6642	---	---
		5785	17.329	5776.3211	5793.6501	---	---
		5825	17.352	5816.2916	5833.6436	---	---
11N20SISO	Ant1	5745	18.334	5735.8072	5754.1412	---	---
		5785	18.326	5775.8134	5794.1394	---	---
		5825	18.399	5815.7669	5834.1659	---	---
11N40SISO	Ant1	5755	36.881	5736.6239	5773.5049	---	---
		5795	36.747	5776.6490	5813.3960	---	---
11AC20SISO	Ant1	5745	18.365	5735.7949	5754.1599	---	---
		5785	18.376	5775.7986	5794.1746	---	---
		5825	18.421	5815.7459	5834.1669	---	---
11AC40SISO	Ant1	5755	36.760	5736.6260	5773.3860	---	---
		5795	36.670	5776.7139	5813.3839	---	---
11AC80SISO	Ant1	5775	75.127	5737.4859	5812.6129	---	---
11AX20SISO	Ant1	5745	19.290	5735.3342	5754.6242	---	---
		5785	19.206	5775.3763	5794.5823	---	---
		5825	19.193	5815.4071	5834.6001	---	---
11AX40SISO	Ant1	5755	38.079	5736.0003	5774.0793	---	---
		5795	38.075	5775.9748	5814.0498	---	---
11AX80SISO	Ant1	5775	76.724	5736.6953	5813.4193	---	---

Test Graphs

11A_Ant1_5745



11A_Ant1_5785



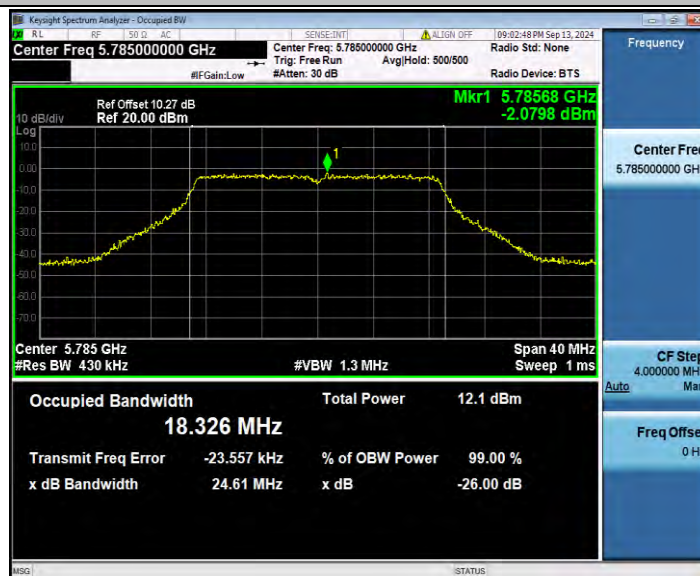
11A_Ant1_5825



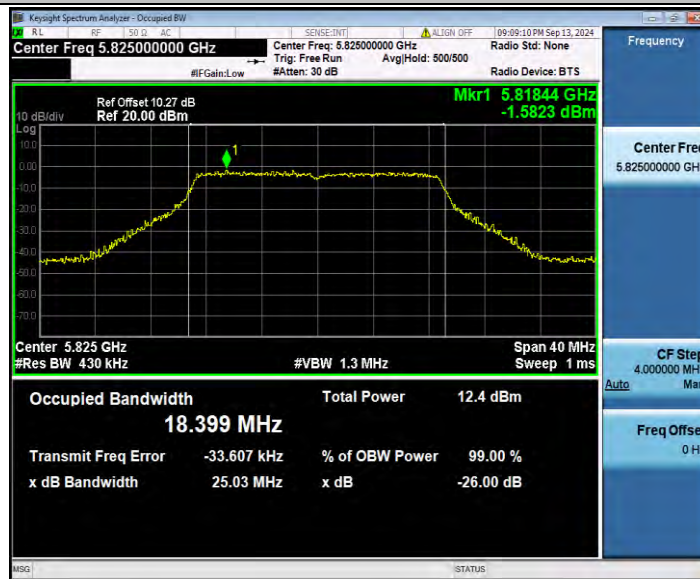
11N20SISO_Ant1_5745



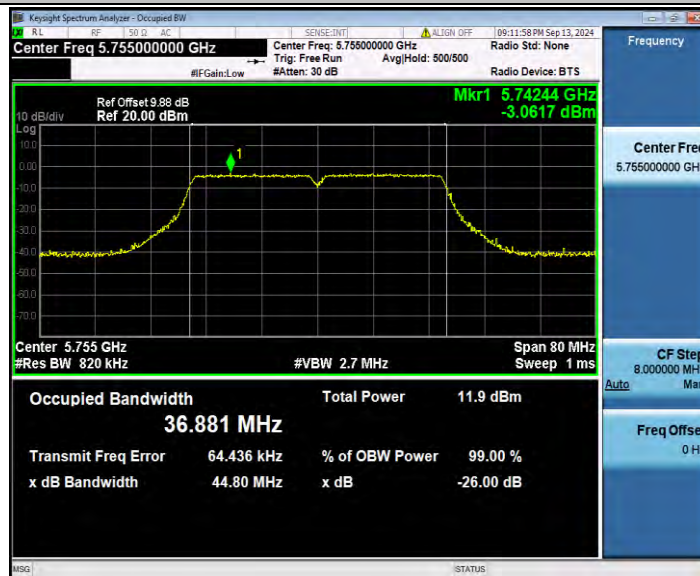
11N20SISO_Ant1_5785



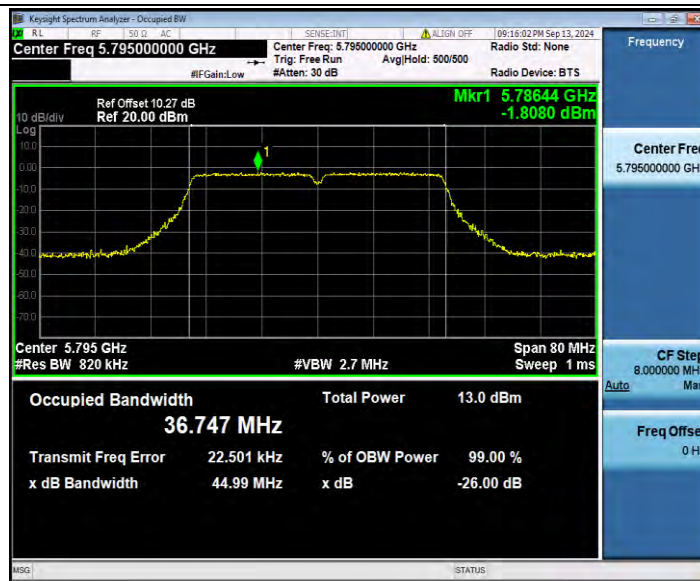
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11N40SISO_Ant1_5755



11N40SISO_Ant1_5795



11AC20SISO_Ant1_5745



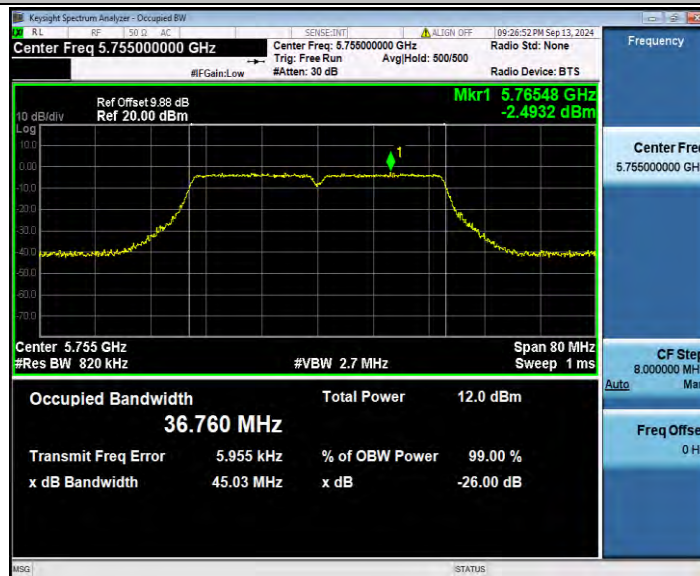
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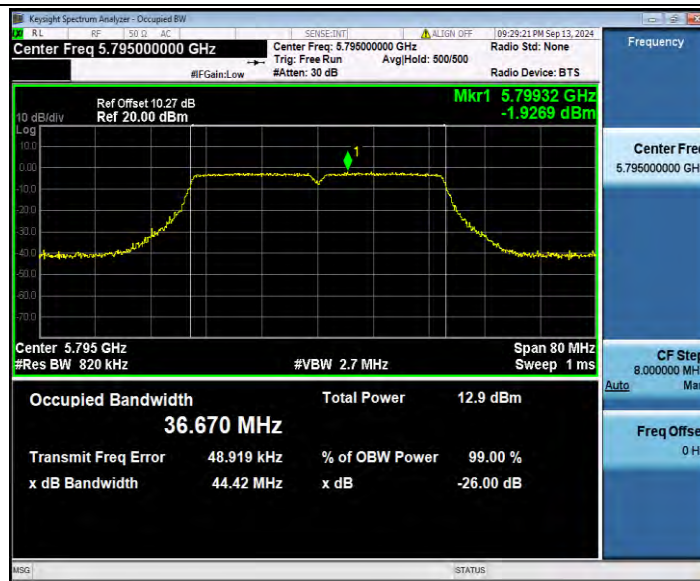
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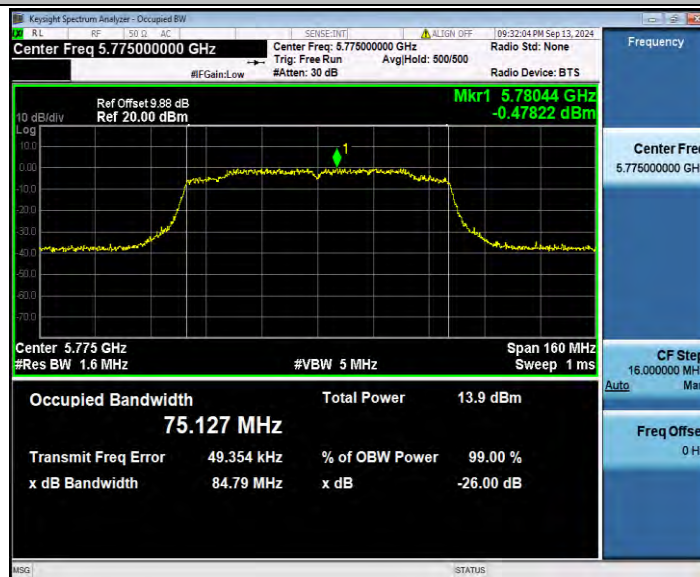
11AC40SISO_Ant1_5755



11AC40SISO_Ant1_5795



11AC80SISO_Ant1_5775



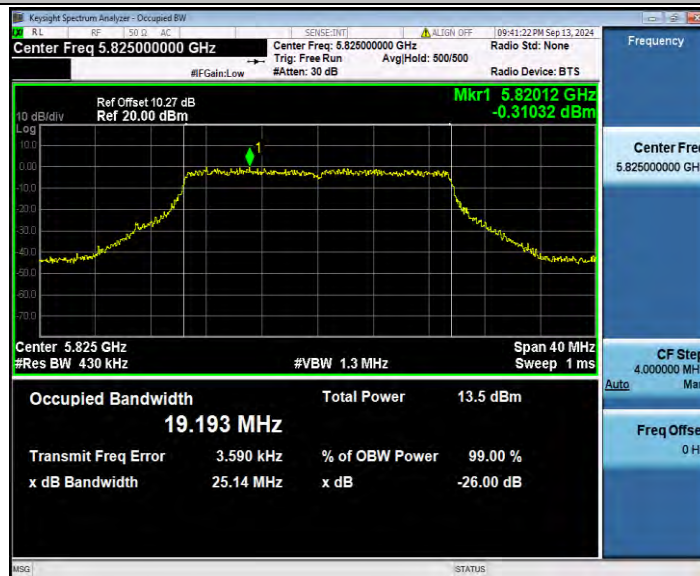
11AX20SISO_Ant1_5745



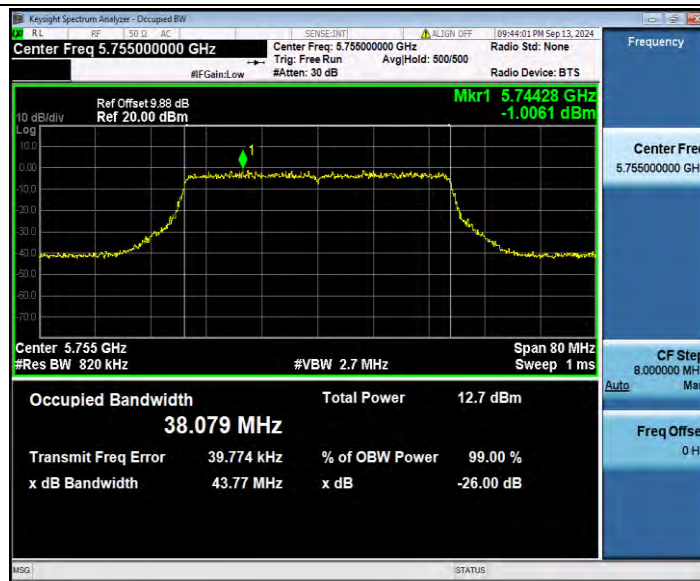
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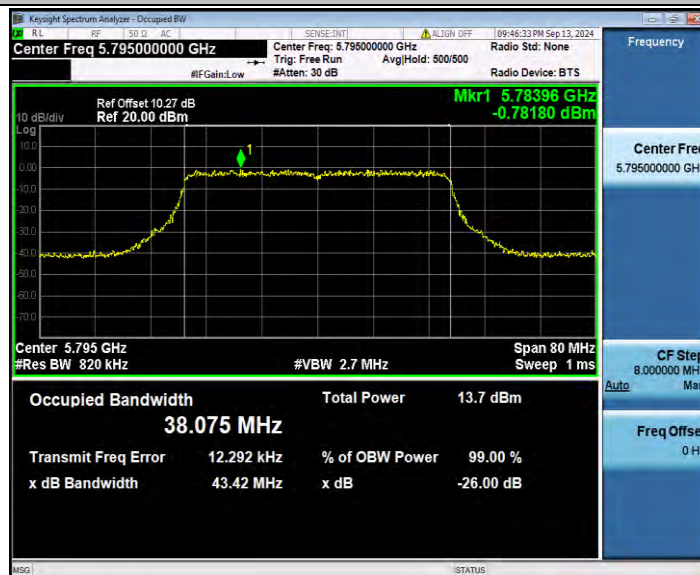
11AX20SISO_Ant1_5825



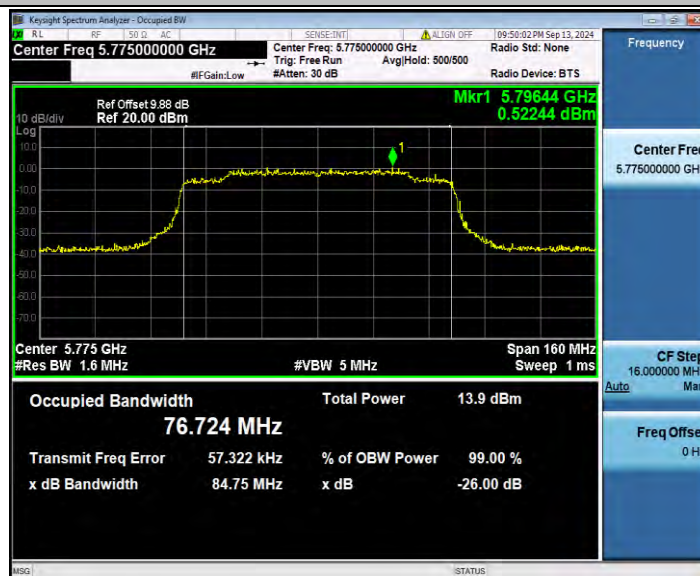
11AX40SISO_Ant1_5755



11AX40ISO_Ant1_5795



11AX80ISO_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	17.600	5776.200	5793.800	0.5	PASS
		5825	17.600	5816.200	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	17.560	5736.200	5753.760	0.5	PASS
		5785	17.600	5776.200	5793.800	0.5	PASS
		5825	17.560	5816.200	5833.760	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	72.480	5739.960	5812.440	0.5	PASS
11AX20SISO	Ant1	5745	18.840	5735.560	5754.400	0.5	PASS
		5785	18.880	5775.600	5794.480	0.5	PASS
		5825	18.840	5815.560	5834.400	0.5	PASS
11AX40SISO	Ant1	5755	38.000	5735.960	5773.960	0.5	PASS
		5795	37.920	5776.040	5813.960	0.5	PASS
11AX80SISO	Ant1	5775	68.800	5739.960	5808.760	0.5	PASS

Test Graphs B4



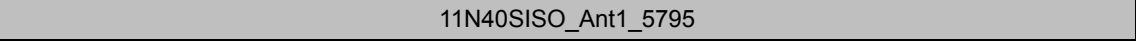
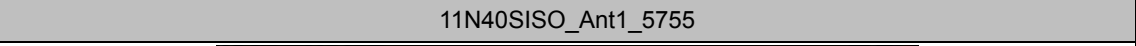


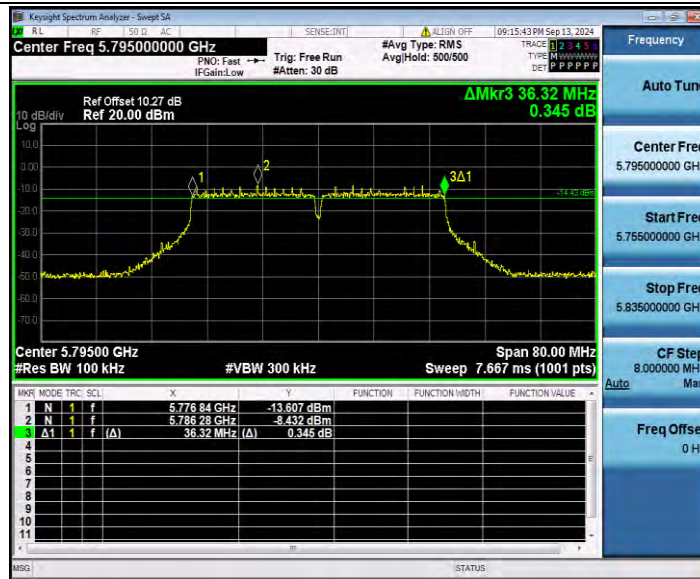
11N20SISO_Ant1_5745



11N20SISO_Ant1_5785







11AC20SISO_Ant1_5745



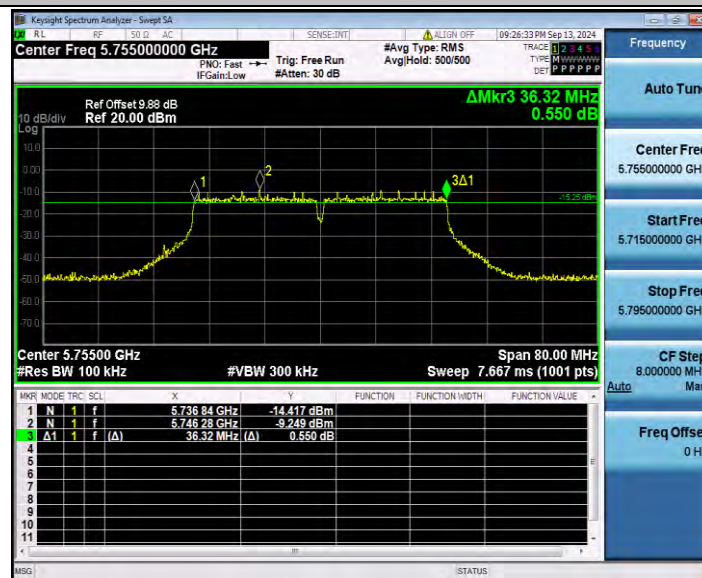
11AC20SISO_Ant1_5785



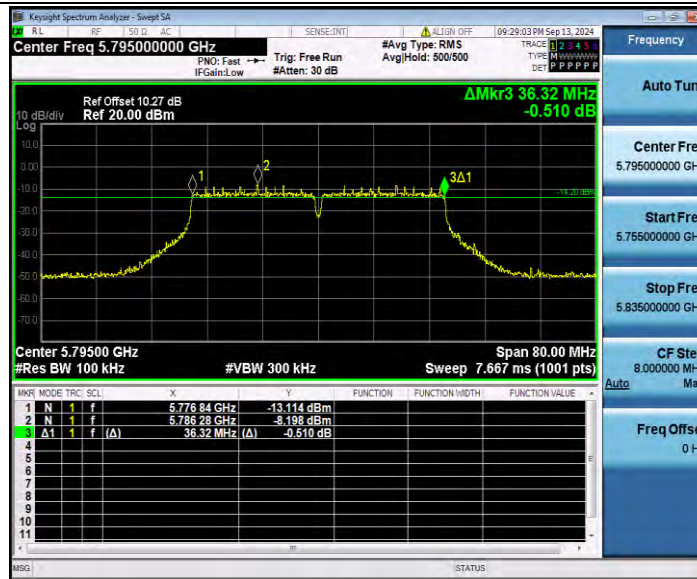
11AC20SISO_Ant1_5825



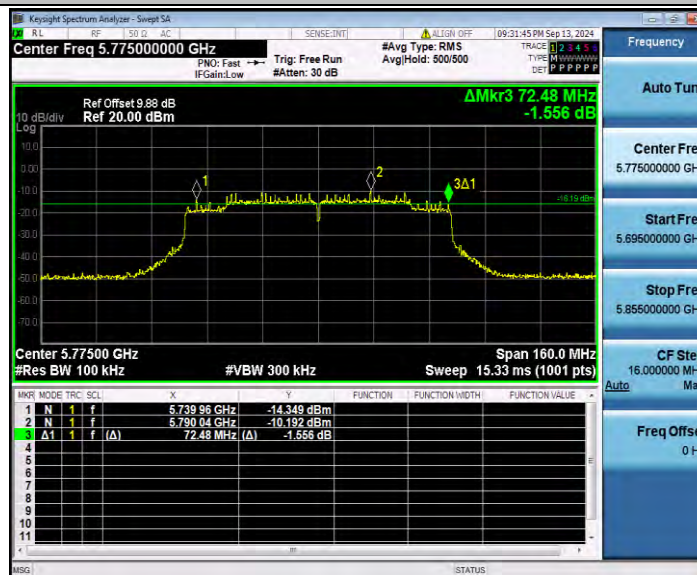
11AC40SISO_Ant1_5755



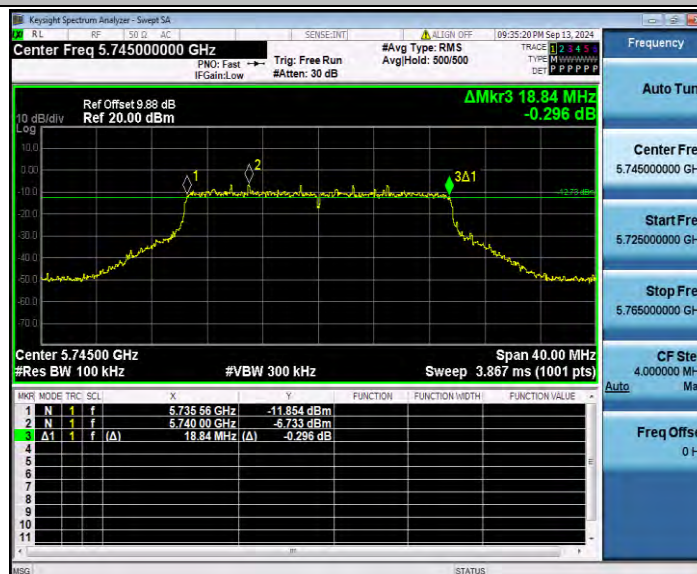
11AC40SISO_Ant1_5795



11AC80SISO_Ant1_5775



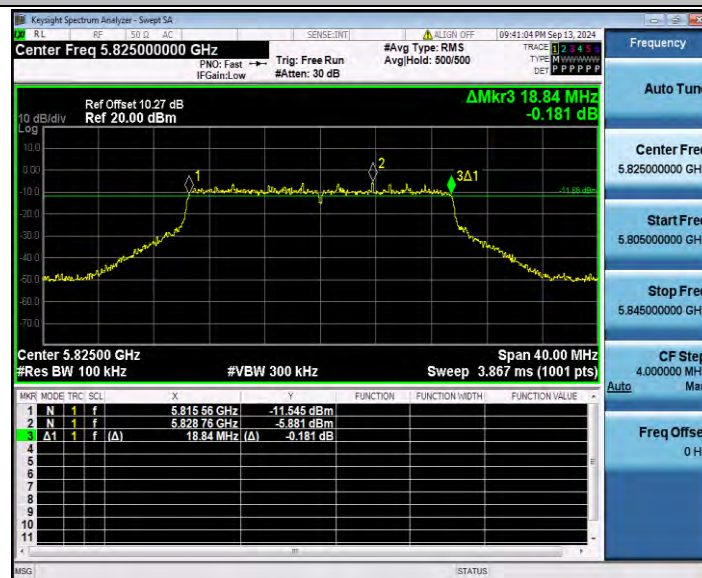
11AX20SISO_Ant1_5745



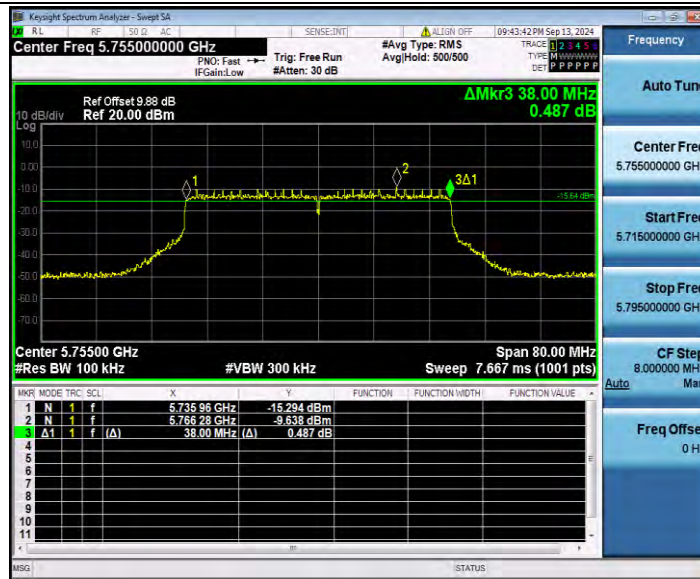
11AX20SISO_Ant1_5785



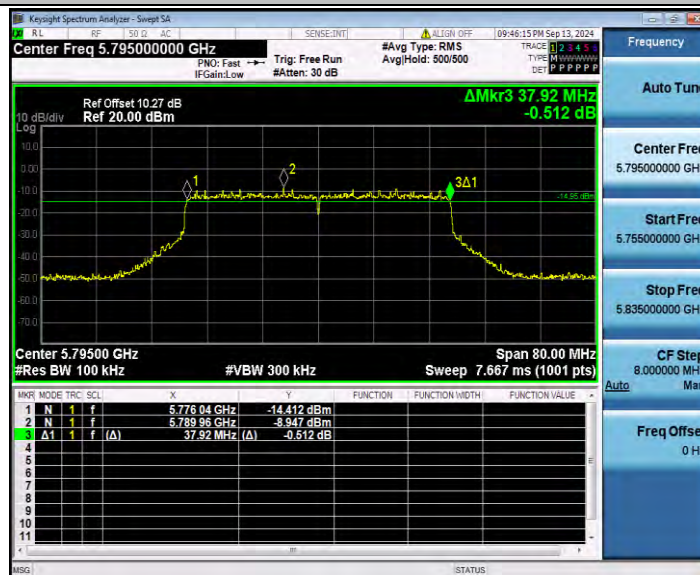
11AX20SISO_Ant1_5825



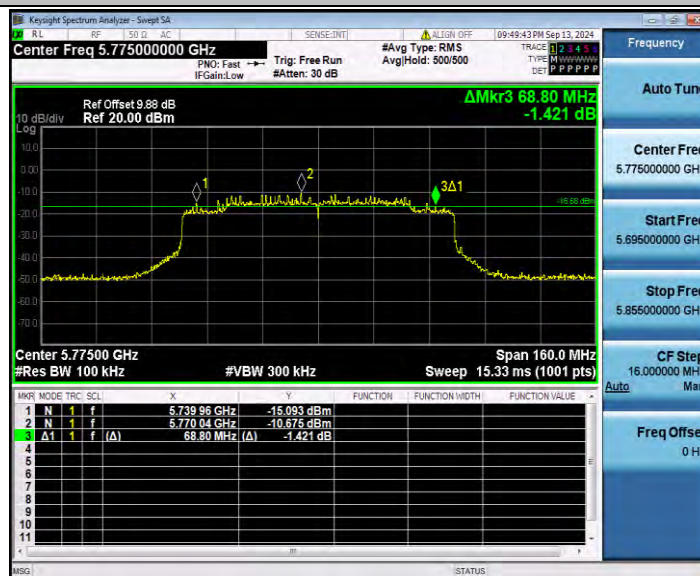
11AX40SISO_Ant1_5755



11AX40SISO_Ant1_5795



11AX80SISO_Ant1_5775

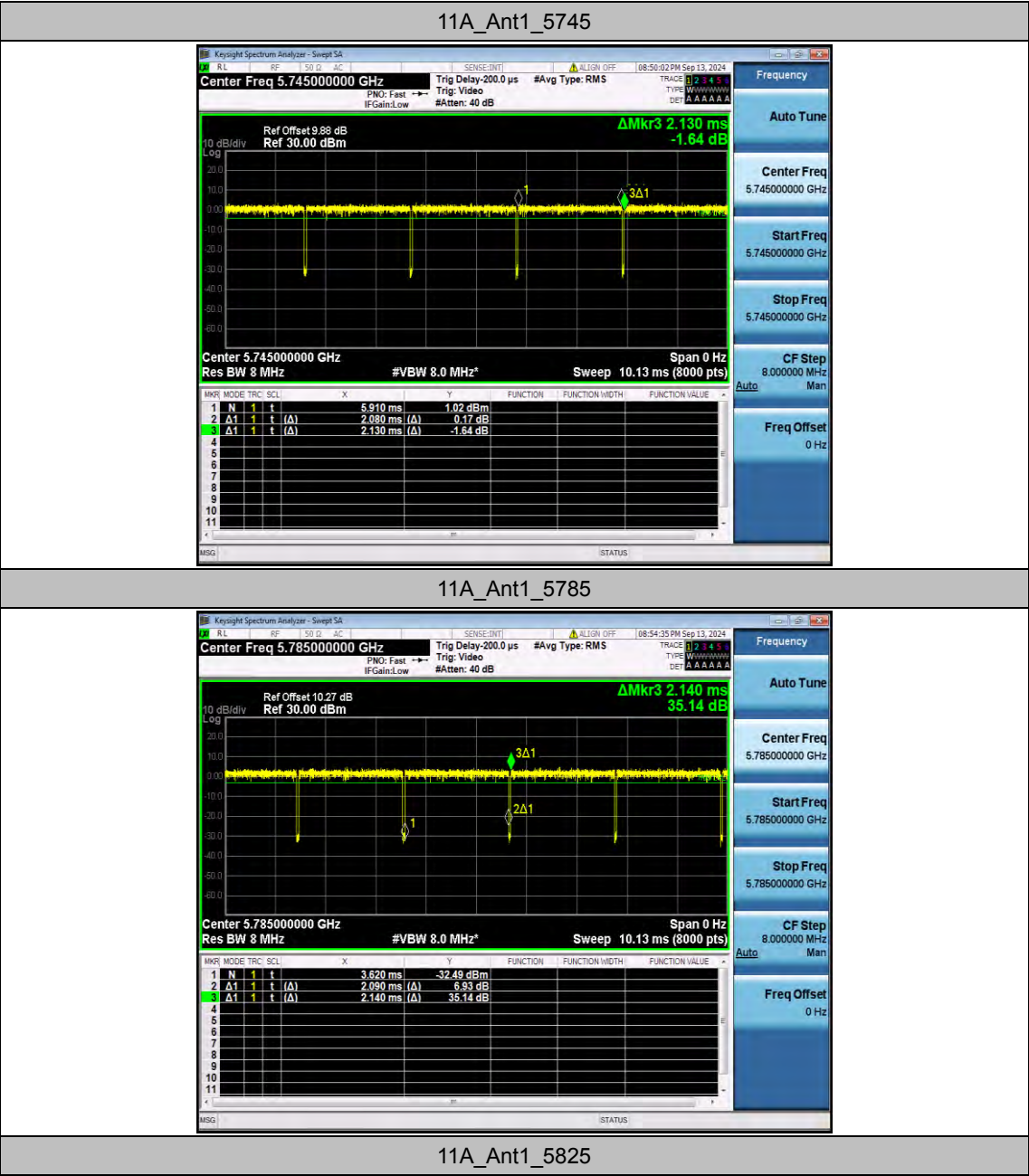


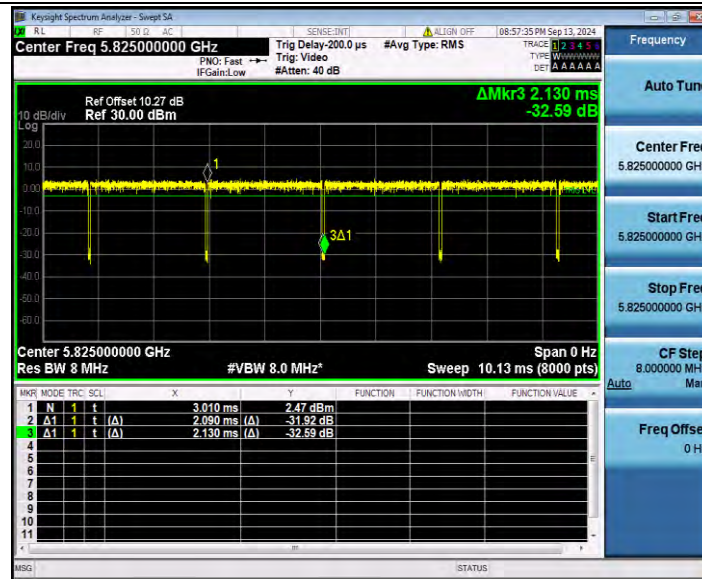
Appendix E.3: Duty Cycle

Test Result

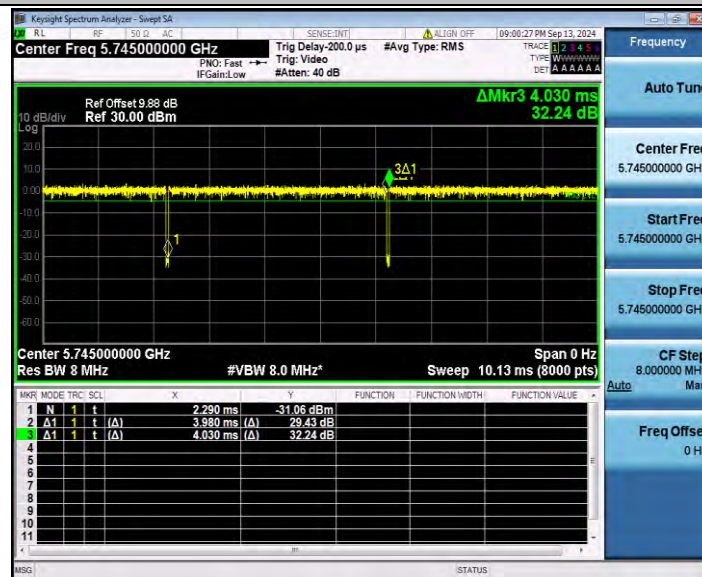
TestMode	Antenna	Freq(MHz)	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	Duty Cycle Factor[dB]	1/T Factor[KHz]
11A	Ant1	5745	2.08	2.13	97.65	0.10	0.48
		5785	2.09	2.14	97.66	0.10	0.48
		5825	2.09	2.13	98.12	0.08	0.48
11N20SISO	Ant1	5745	3.98	4.03	98.76	0.05	0.25
		5785	3.97	4.02	98.76	0.05	0.25
		5825	3.97	4.02	98.76	0.05	0.25
11N40SISO	Ant1	5755	3.97	4.02	98.76	0.05	0.25
		5795	3.97	4.01	99.00	0.04	0.25
11AC20SISO	Ant1	5745	3.95	4.00	98.75	0.05	0.25
		5785	3.95	4.00	98.75	0.05	0.25
		5825	3.95	3.99	99.00	0.04	0.25
11AC40SISO	Ant1	5755	3.96	4.01	98.75	0.05	0.25
		5795	3.96	4.01	98.75	0.05	0.25
11AC80SISO	Ant1	5775	3.97	4.01	99.00	0.04	0.25
11AX20SISO	Ant1	5745	3.96	4.01	98.75	0.05	0.25
		5785	3.96	4.01	98.75	0.05	0.25
		5825	3.96	4.00	99.00	0.04	0.25
11AX40SISO	Ant1	5755	3.96	4.00	99.00	0.04	0.25
		5795	3.95	4.00	98.75	0.05	0.25
11AX80SISO	Ant1	5775	3.96	4.01	98.75	0.05	0.25

Test Graphs

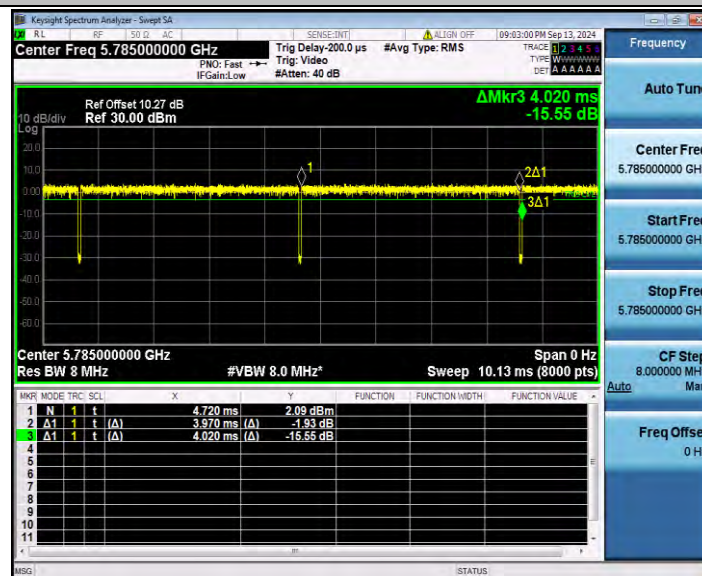


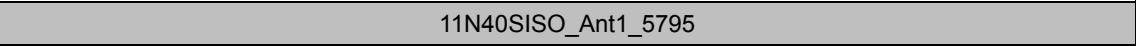
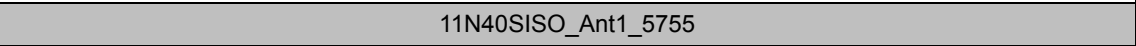


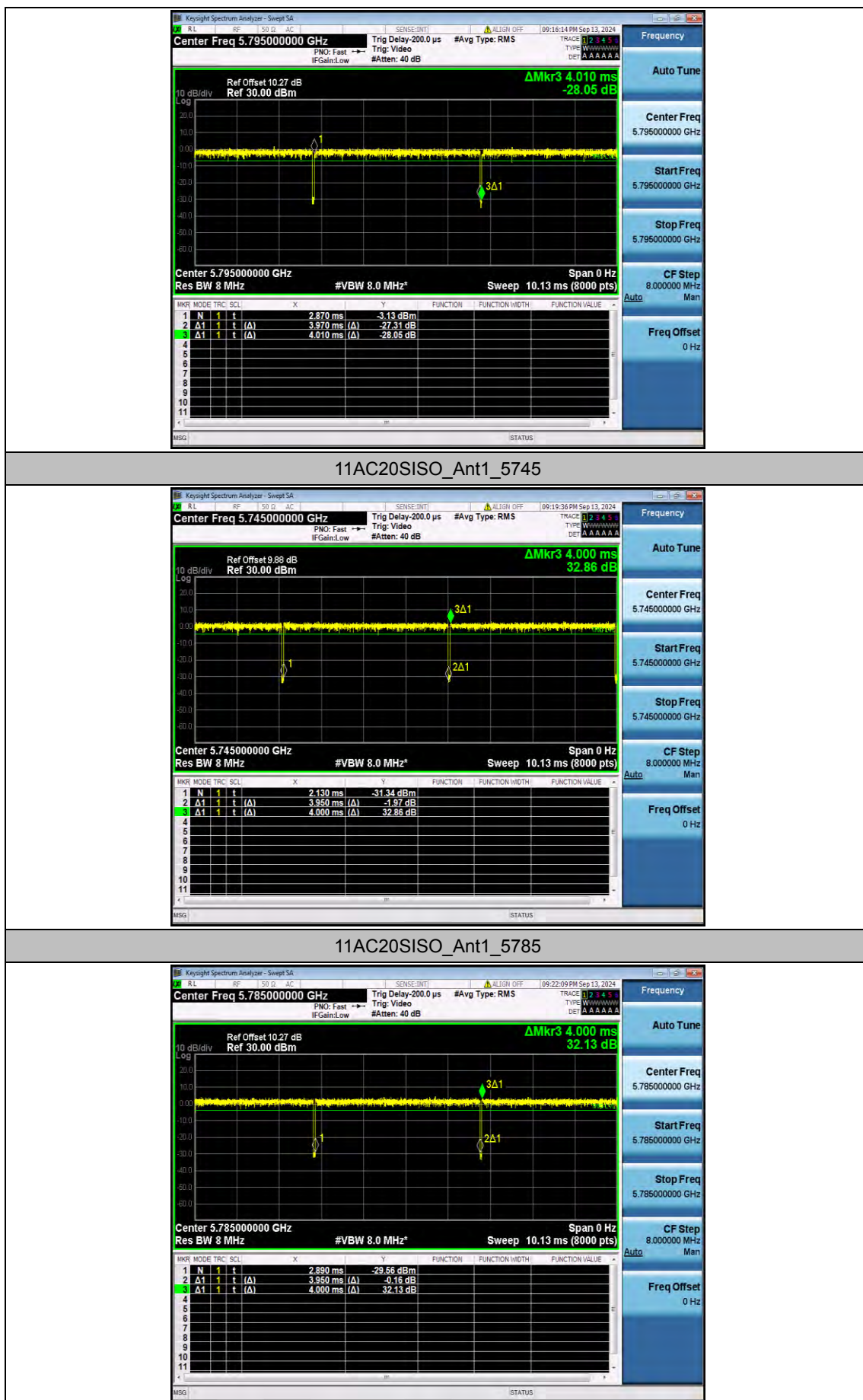
11N20SISO_Ant1_5745

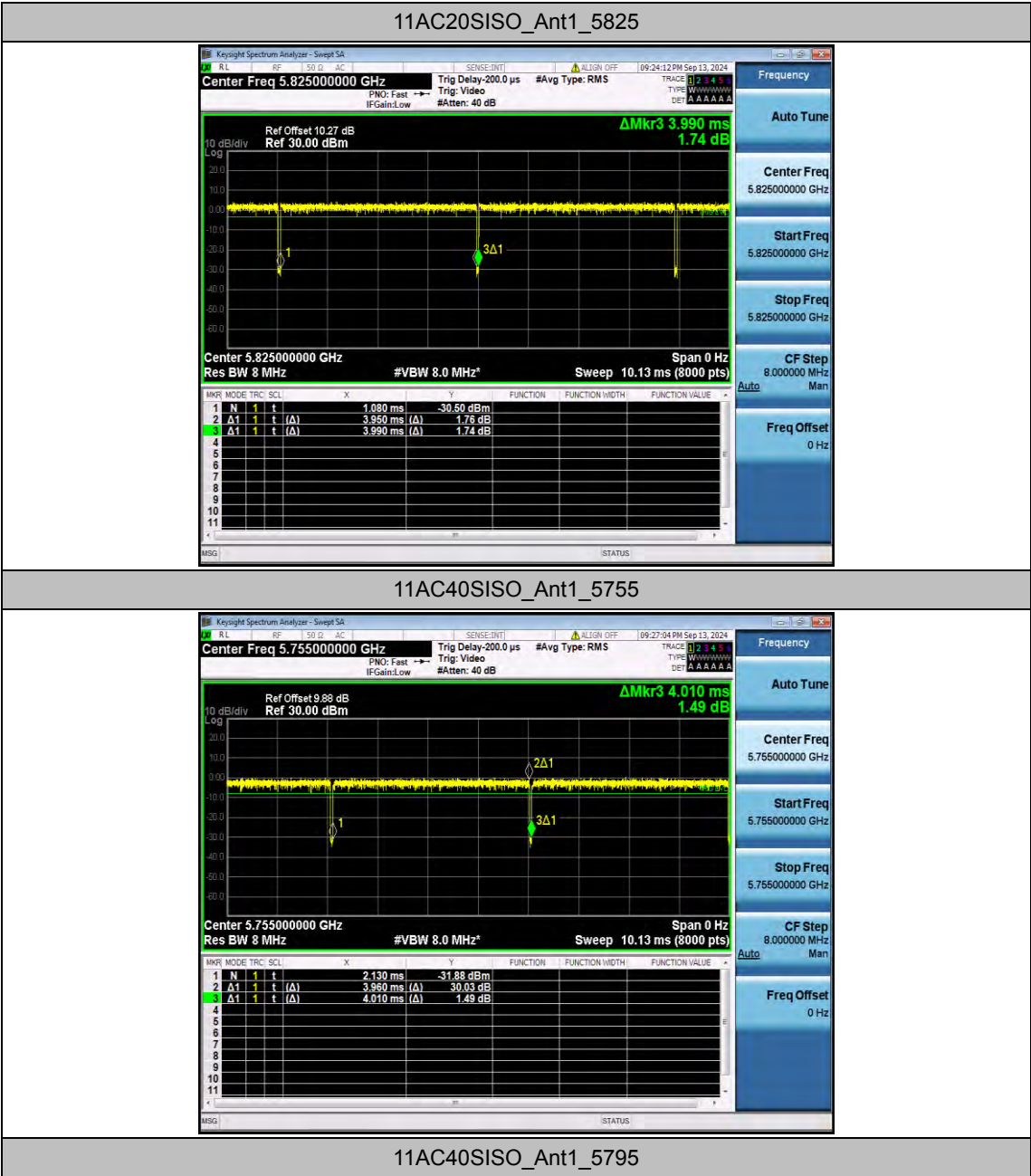


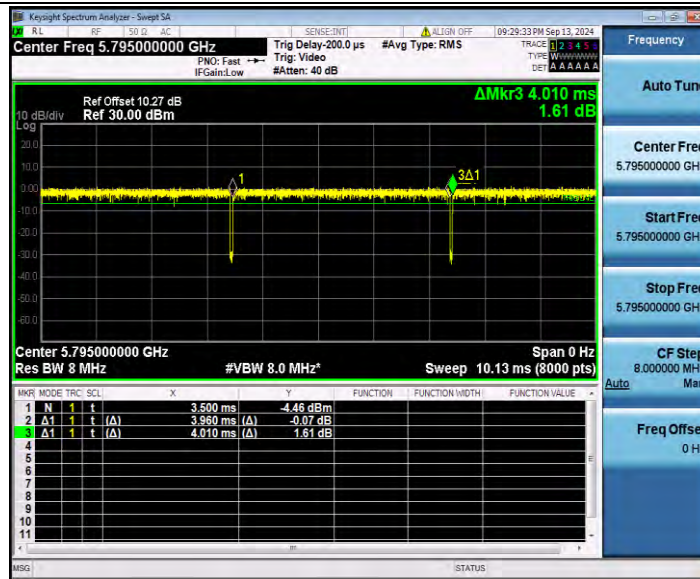
11N20SISO_Ant1_5785



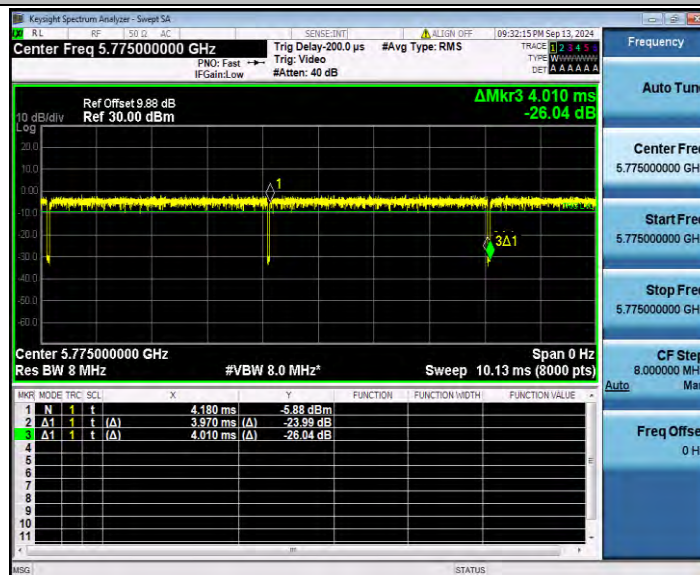




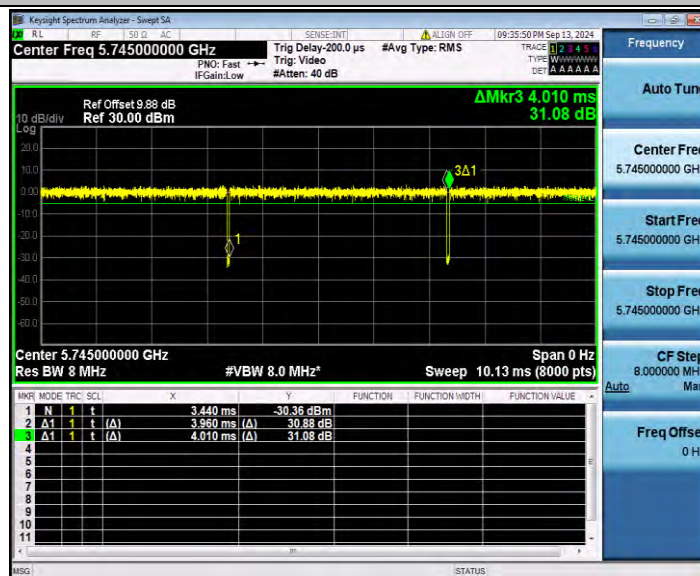




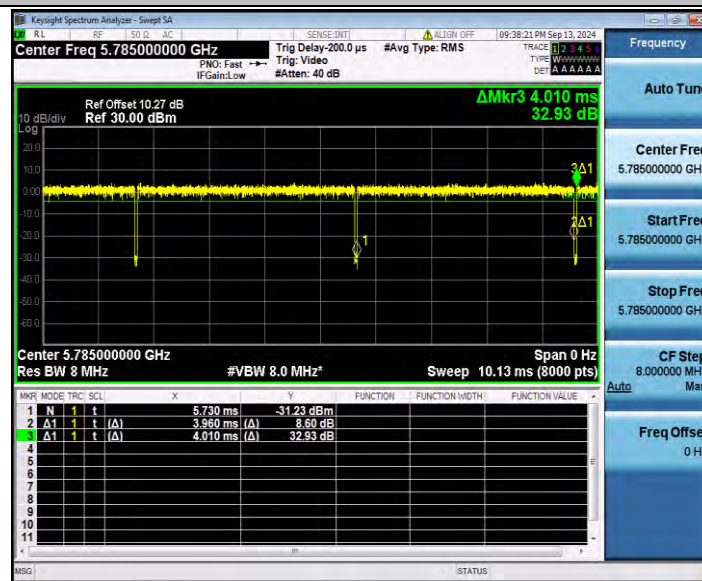
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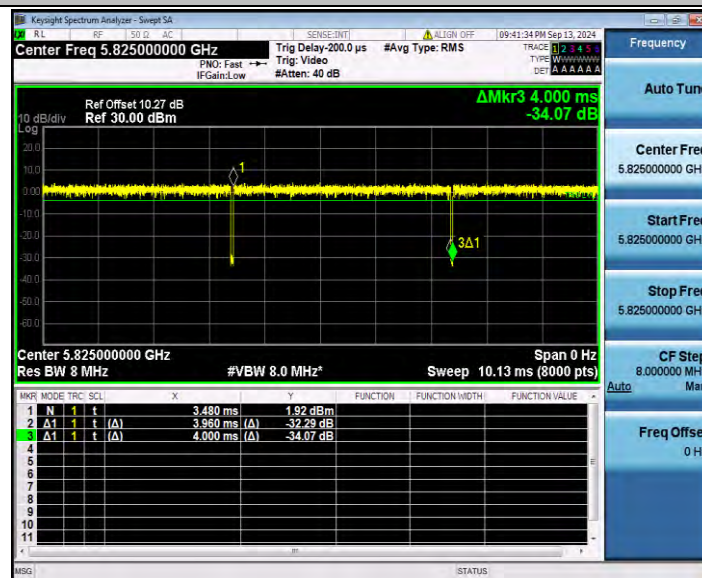
11AX20SISO_Ant1_5745



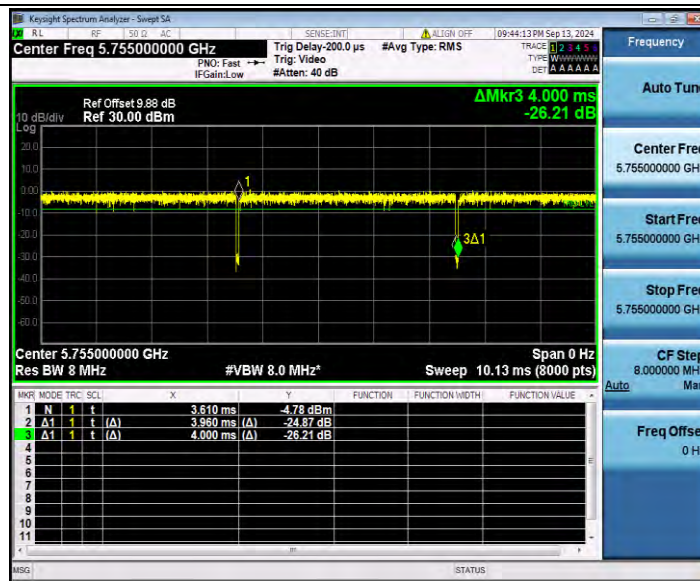
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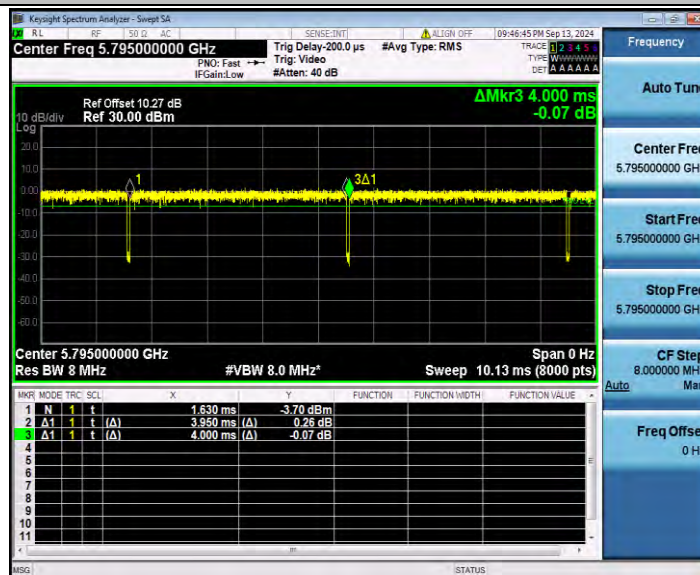
11AX20SISO_Ant1_5825



11AX40SISO_Ant1_5755



11AX40ISO_Ant1_5795



11AX80ISO_Ant1_5775

