

Case No. : <u>GTS20250324014-2-04</u>	
Ambient Condition: <u>21</u> °C, <u>49</u> %RH	
According Standard: ■Part15E	
Test Date: <u>2025.4.15-2025.6.28</u>	Test Engineer: <u>Evan ouyang</u>

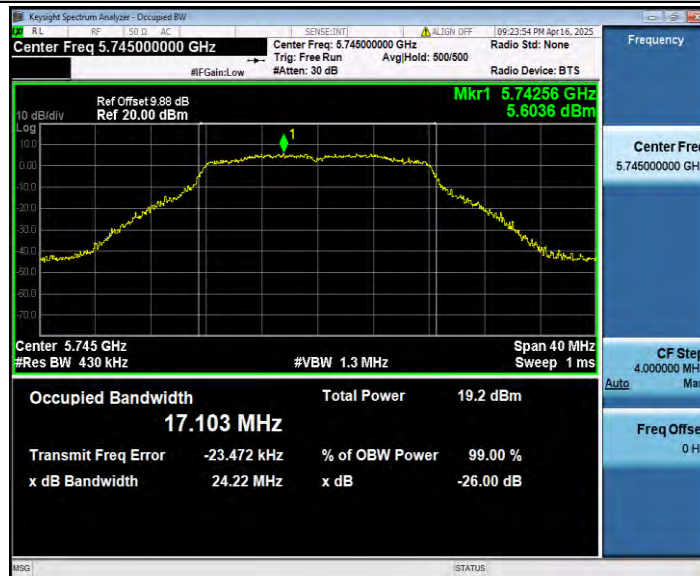
Appendix E.1: Occupied channel bandwidth

Test Result

TestMode	Antenna	Freq(MHz)	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5745	17.103	5736.4250	5753.5280	---	---
		5785	17.187	5776.4206	5793.6076	---	---
		5825	17.093	5816.5372	5833.6302	---	---
11N20SISO	Ant1	5745	18.135	5735.9271	5754.0621	---	---
		5785	18.075	5775.9574	5794.0324	---	---
		5825	18.088	5816.0173	5834.1053	---	---
11N40SISO	Ant1	5755	36.323	5736.8844	5773.2074	---	---
		5795	36.196	5776.9609	5813.1569	---	---
11AC20SISO	Ant1	5745	18.158	5735.9199	5754.0779	---	---
		5785	18.115	5775.9587	5794.0737	---	---
		5825	18.136	5815.9953	5834.1313	---	---
11AC40SISO	Ant1	5755	36.247	5736.9414	5773.1884	---	---
		5795	36.238	5776.8920	5813.1300	---	---
11AC80SISO	Ant1	5775	75.133	5737.4682	5812.6012	---	---
11AX20SISO	Ant1	5745	19.041	5735.4977	5754.5387	---	---
		5785	18.975	5775.5078	5794.4828	---	---
		5825	19.007	5815.5208	5834.5278	---	---
11AX40SISO	Ant1	5755	37.690	5736.1730	5773.8630	---	---
		5795	37.589	5776.2797	5813.8687	---	---
11AX80SISO	Ant1	5775	76.730	5736.6817	5813.4117	---	---

Test Graphs

11A_Ant1_5745



11A_Ant1_5785



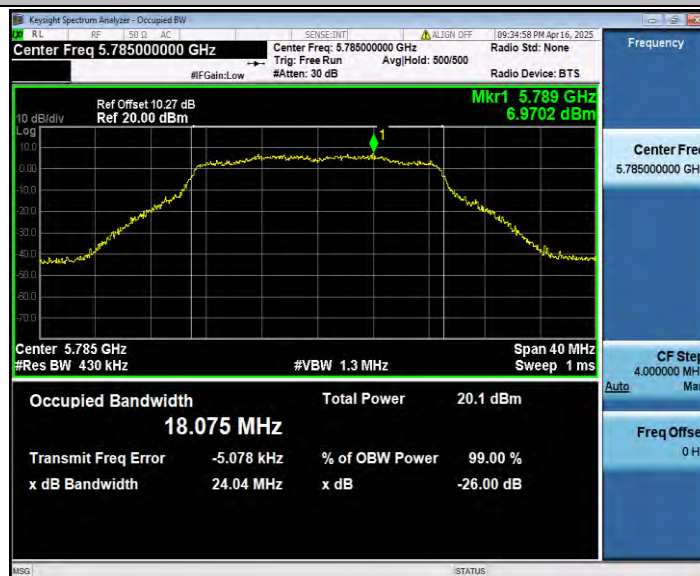
11A_Ant1_5825



11N20SISO_Ant1_5745



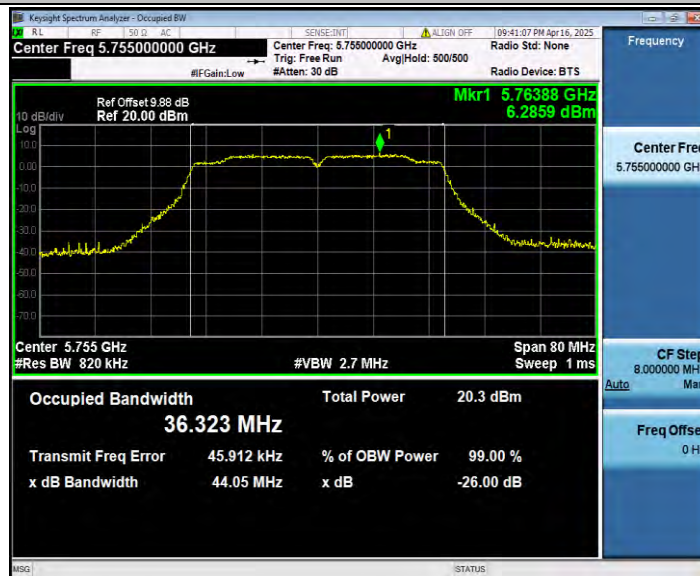
11N20SISO_Ant1_5785



11N20SISO_Ant1_5825



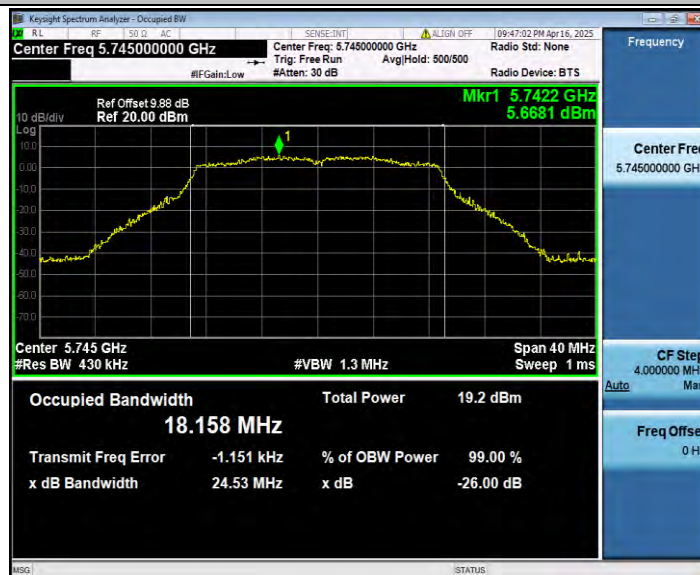
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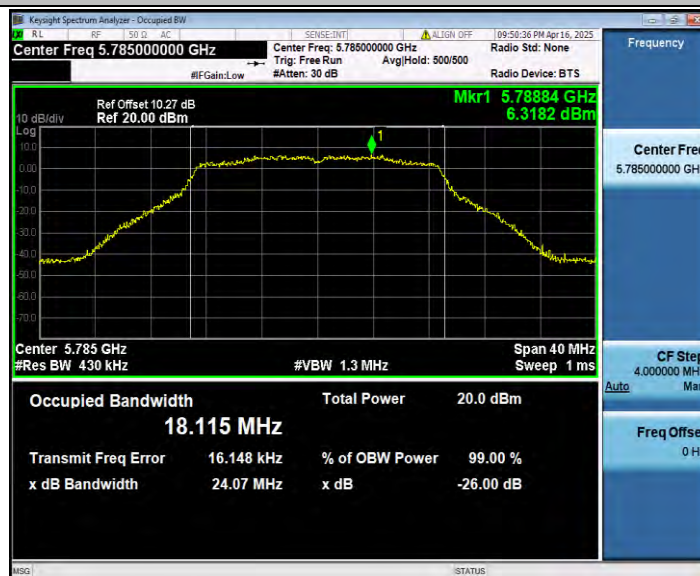
11N40SISO_Ant1_5795



11AC20SISO_Ant1_5745



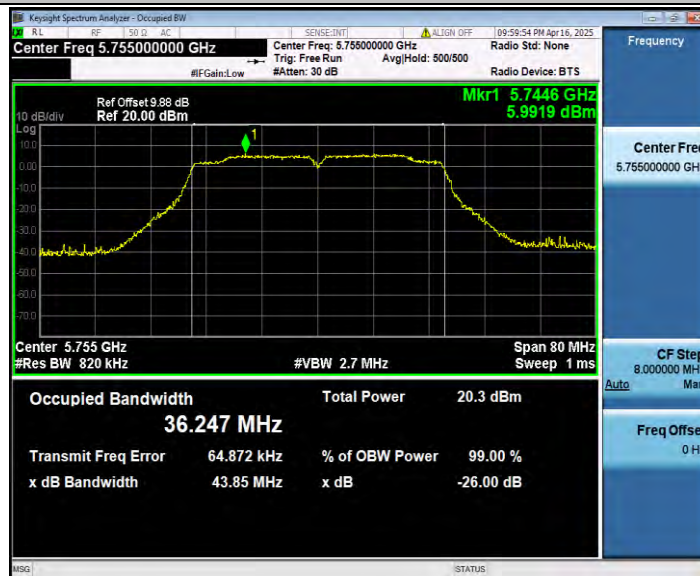
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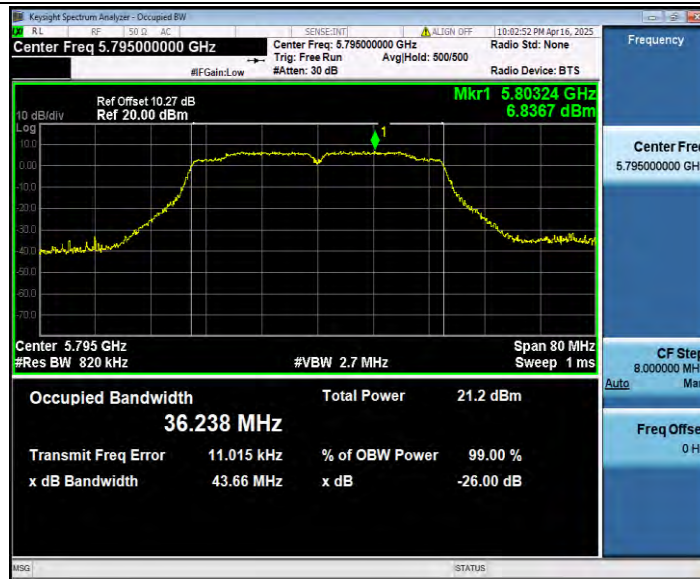
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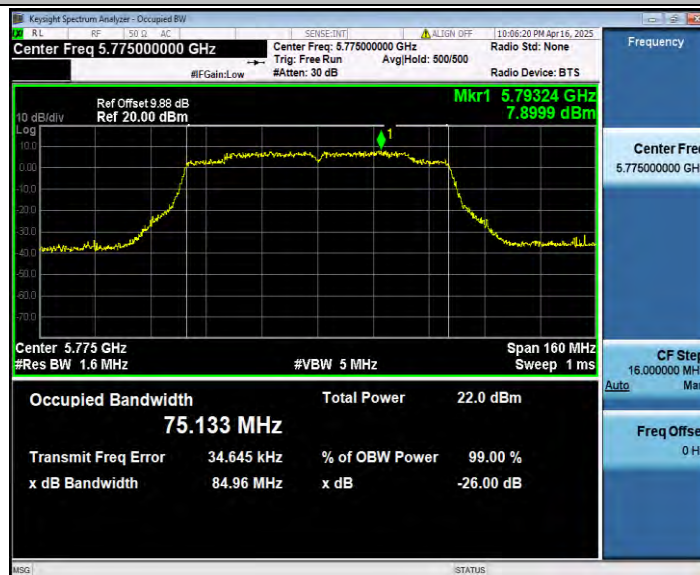
11AC40SISO_Ant1_5755



11AC40SISO_Ant1_5795



11AC80SISO_Ant1_5775



11AX20SISO_Ant1_5745



11AX20SISO_Ant1_5785



11AX20SISO_Ant1_5825



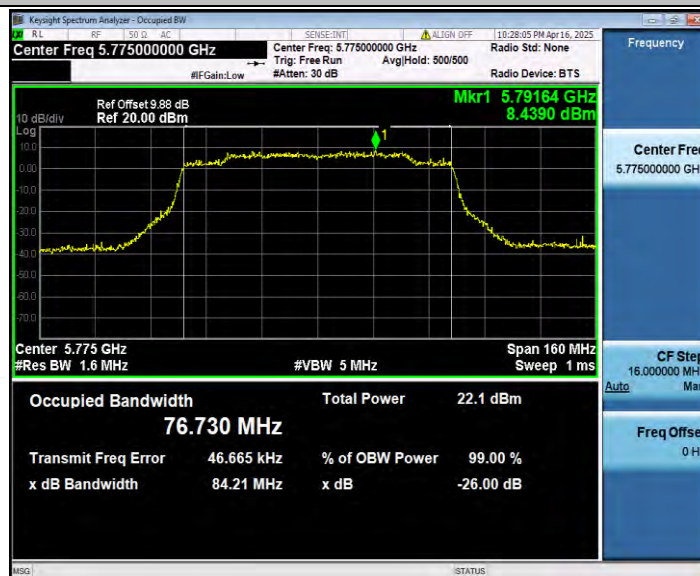
11AX40SISO_Ant1_5755



11AX40ISO_Ant1_5795



11AX80ISO_Ant1_5775



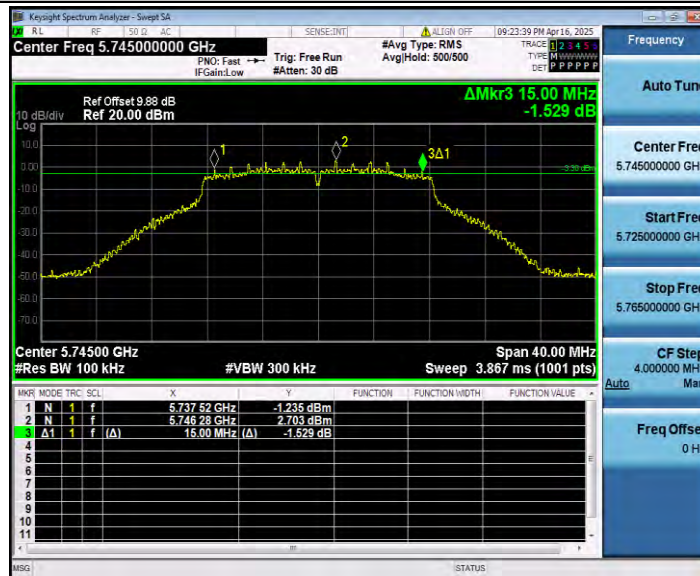
Appendix E.2: Min emission bandwidth

Test Result B4

TestMode	Antenna	Freq(MHz)	6db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5745	15.000	5737.520	5752.520	0.5	PASS
		5785	13.880	5778.680	5792.560	0.5	PASS
		5825	15.080	5817.480	5832.560	0.5	PASS
11N20SISO	Ant1	5745	13.880	5738.680	5752.560	0.5	PASS
		5785	15.080	5777.480	5792.560	0.5	PASS
		5825	15.680	5817.440	5833.120	0.5	PASS
11N40SISO	Ant1	5755	35.040	5737.480	5772.520	0.5	PASS
		5795	35.040	5777.480	5812.520	0.5	PASS
11AC20SISO	Ant1	5745	15.120	5737.440	5752.560	0.5	PASS
		5785	15.760	5777.400	5793.160	0.5	PASS
		5825	15.320	5817.440	5832.760	0.5	PASS
11AC40SISO	Ant1	5755	34.960	5737.560	5772.520	0.5	PASS
		5795	33.760	5778.760	5812.520	0.5	PASS
11AC80SISO	Ant1	5775	75.040	5737.400	5812.440	0.5	PASS
11AX20SISO	Ant1	5745	15.960	5737.440	5753.400	0.5	PASS
		5785	16.760	5777.040	5793.800	0.5	PASS
		5825	14.520	5818.680	5833.200	0.5	PASS
11AX40SISO	Ant1	5755	35.120	5737.400	5772.520	0.5	PASS
		5795	35.600	5776.920	5812.520	0.5	PASS
11AX80SISO	Ant1	5775	73.920	5738.680	5812.600	0.5	PASS

Test Graphs B4

11A_Ant1_5745



11A_Ant1_5785



11A_Ant1_5825



11N20SISO_Ant1_5745



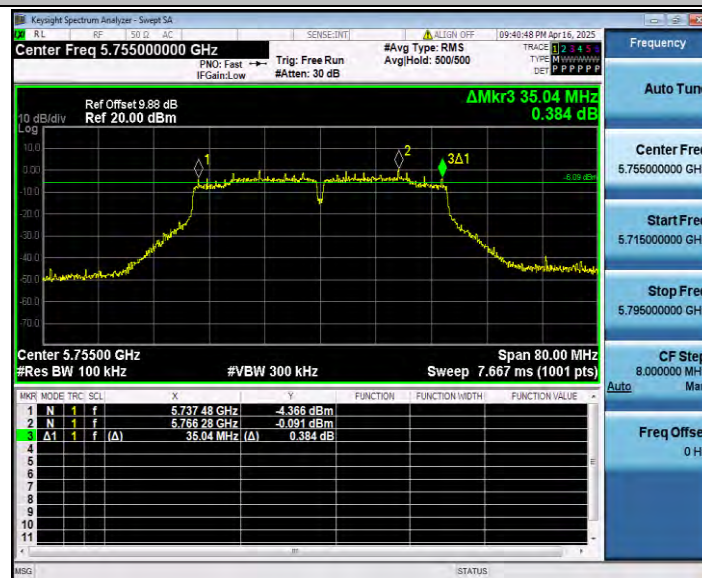
11N20SISO_Ant1_5785



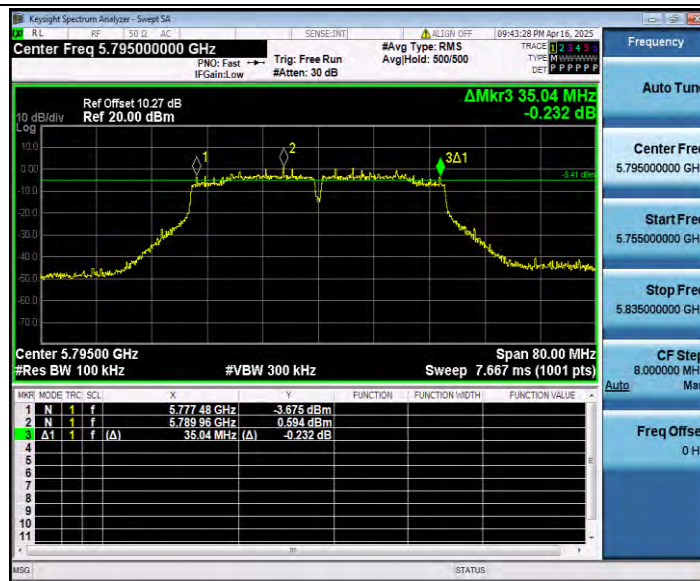
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11N40SISO_Ant1_5755



11N40SISO_Ant1_5795



11AC20SISO_Ant1_5745



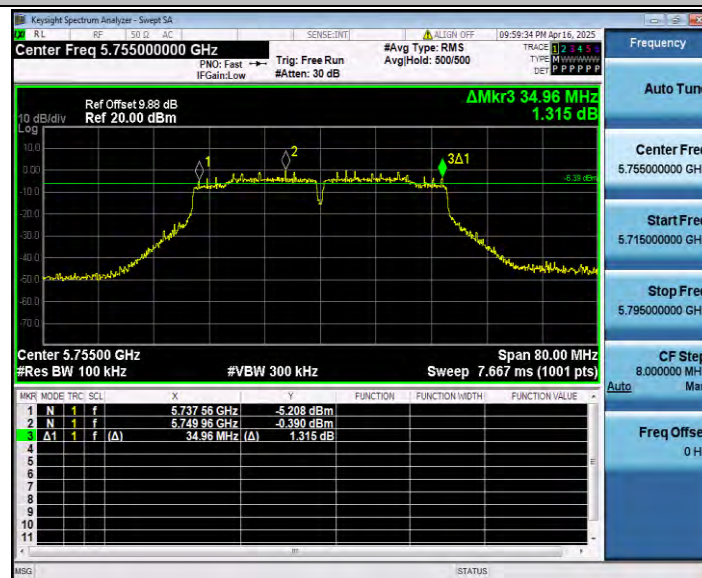
11AC20SISO_Ant1_5785



11AC20SISO_Ant1_5825



11AC40SISO_Ant1_5755



11AC40SISO_Ant1_5795



11AC80SISO_Ant1_5775



11AX20SISO_Ant1_5745



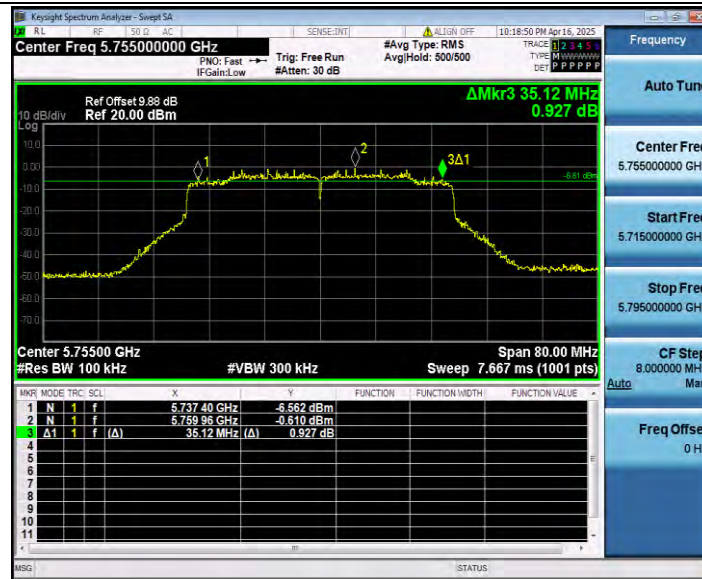
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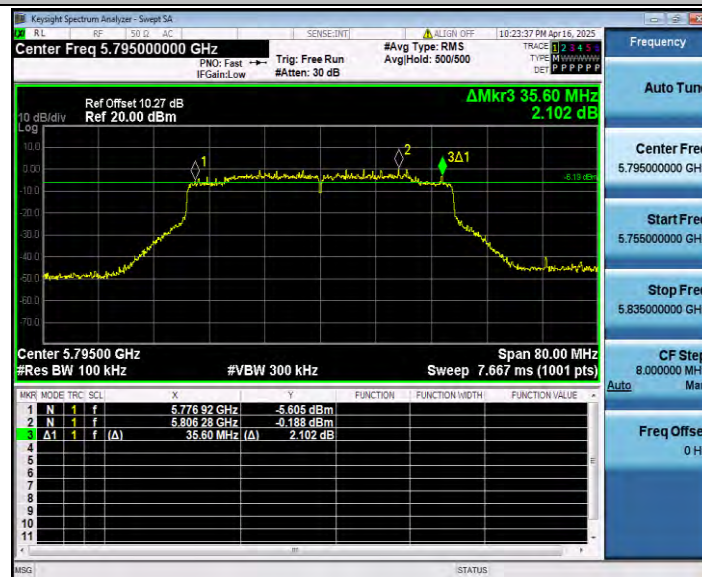
11AX20SISO_Ant1_5825



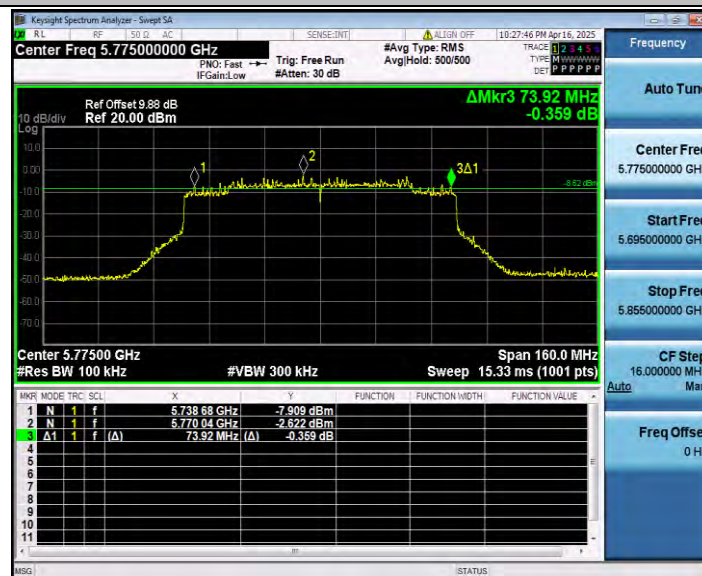
11AX40SISO_Ant1_5755



11AX40SISO_Ant1_5795



11AX80SISO_Ant1_5775

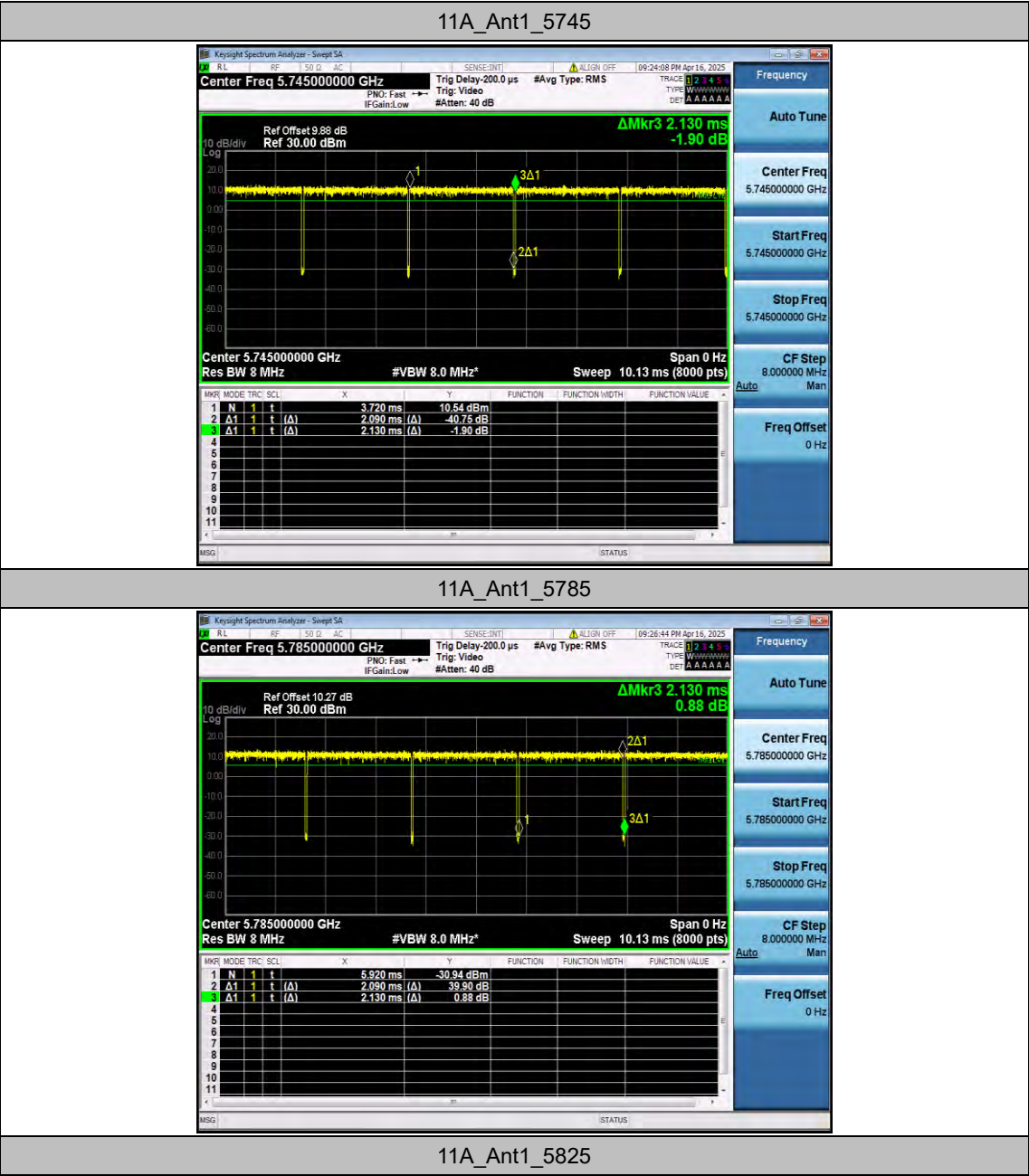


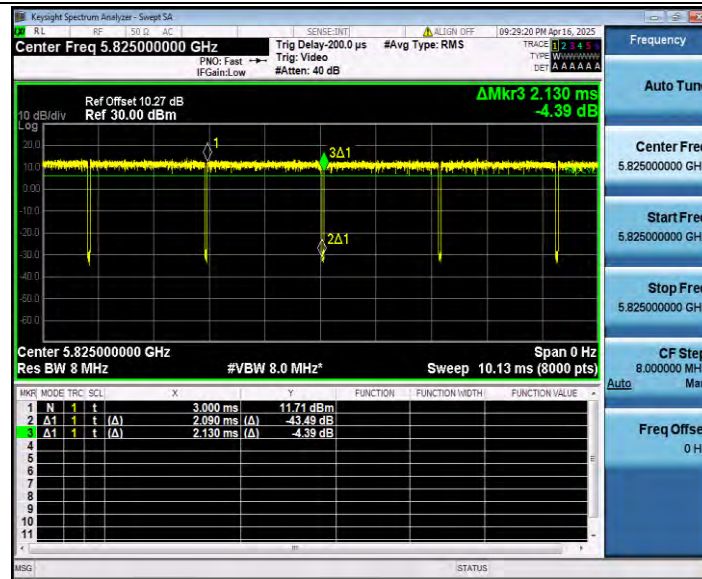
Appendix E 3: Duty Cycle

Test Result

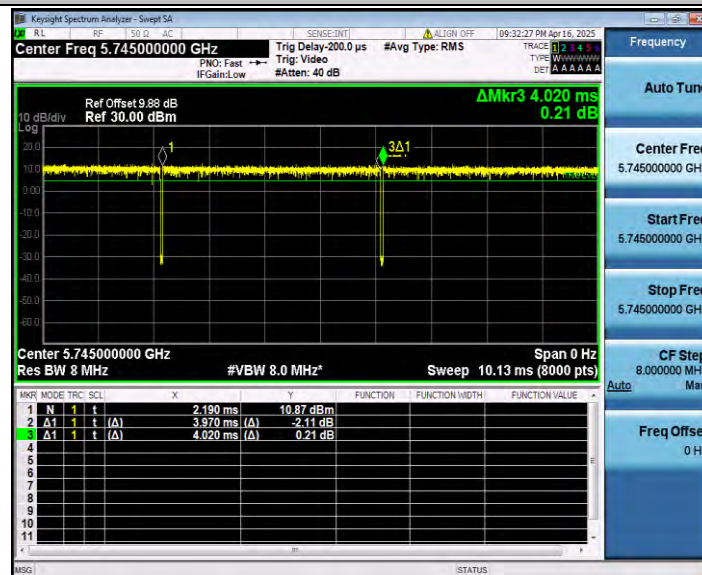
TestMode	Antenna	Freq(MHz)	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	Duty Cycle Factor[dB]	1/T Factor[KHz]
11A	Ant1	5745	2.09	2.13	98.12	0.08	0.48
		5785	2.09	2.13	98.12	0.08	0.48
		5825	2.09	2.13	98.12	0.08	0.48
11N20SISO	Ant1	5745	3.97	4.02	98.76	0.05	0.25
		5785	3.98	4.02	99.00	0.04	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	4.02	98.76	0.05	0.25
11AC20SISO	Ant1	5745	3.94	3.99	98.75	0.05	0.25
		5785	3.95	3.99	99.00	0.04	0.25
		5825	3.94	3.99	98.75	0.05	0.25
11AC40SISO	Ant1	5755	3.96	4.01	98.75	0.05	0.25
		5795	3.96	4.00	99.00	0.04	0.25
11AC80SISO	Ant1	5775	3.96	4.01	98.75	0.05	0.25
11AX20SISO	Ant1	5745	3.98	4.03	98.76	0.05	0.25
		5785	3.98	4.03	98.76	0.05	0.25
		5825	3.99	4.03	99.01	0.04	0.25
11AX40SISO	Ant1	5755	3.98	4.03	98.76	0.05	0.25
		5795	3.98	4.03	98.76	0.05	0.25
11AX80SISO	Ant1	5775	3.99	4.03	99.01	0.04	0.25

Test Graphs

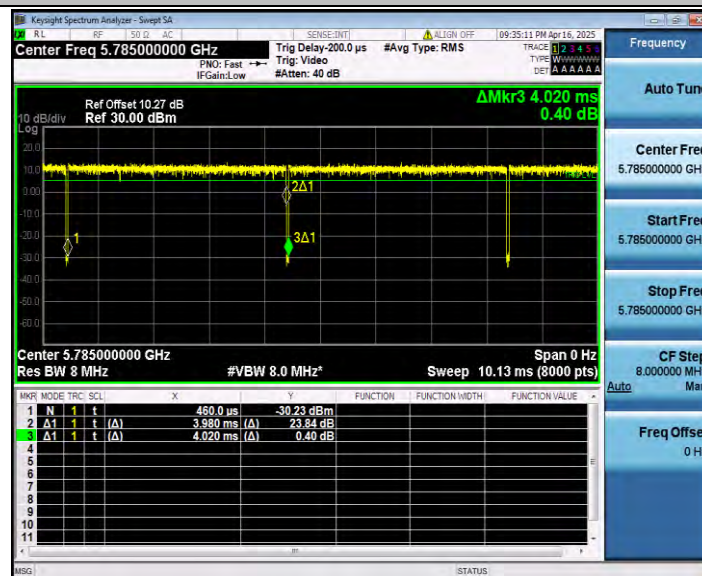




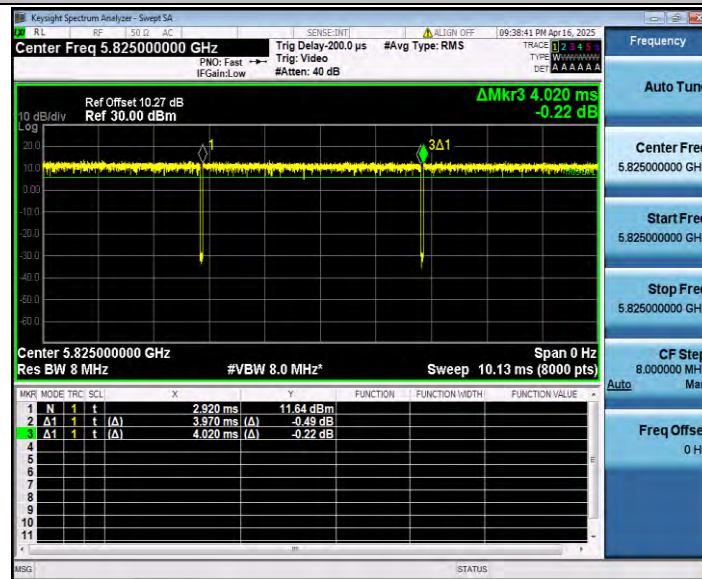
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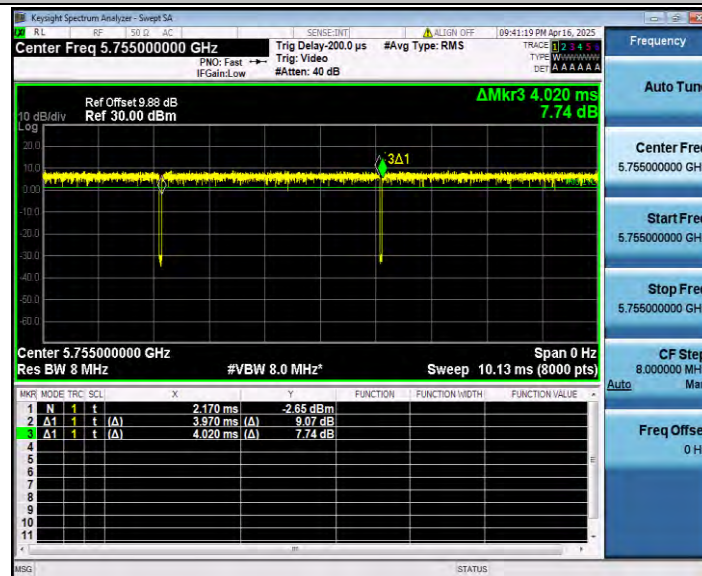
11N20SISO_Ant1_5785



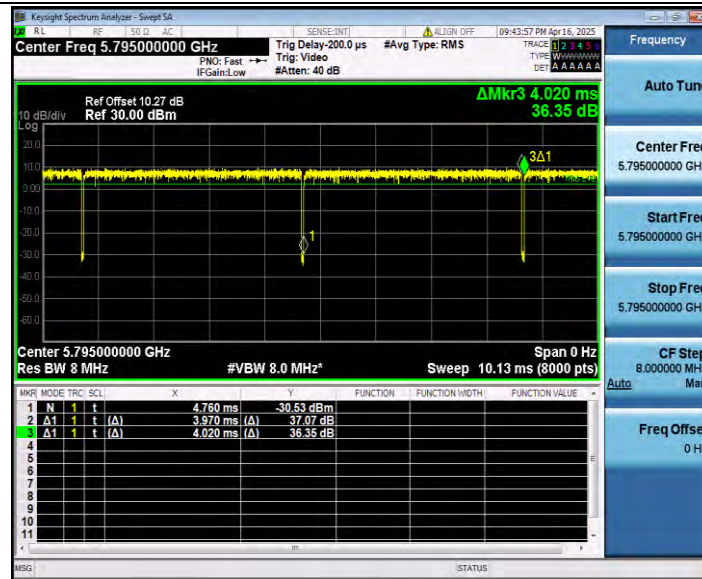
11N20SISO_Ant1_5825



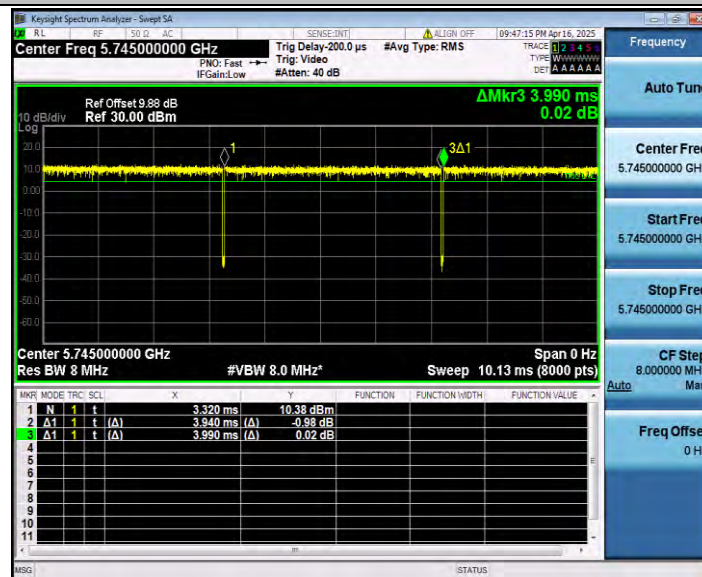
11N40SISO_Ant1_5755



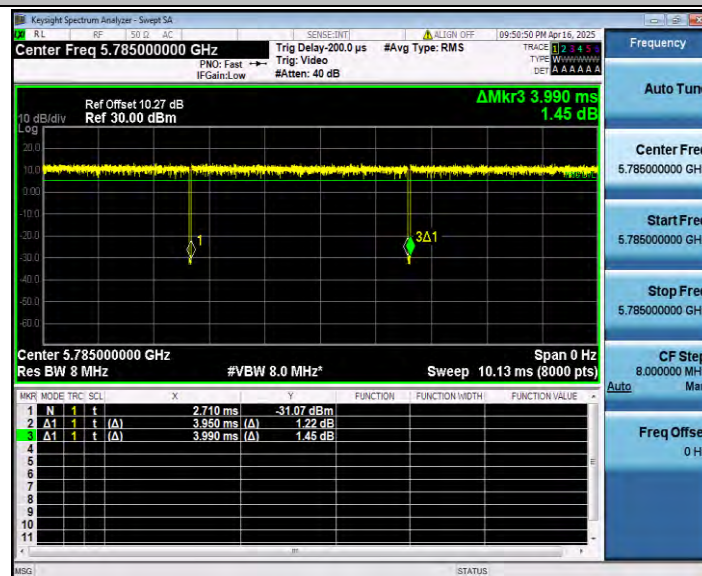
11N40SISO_Ant1_5795



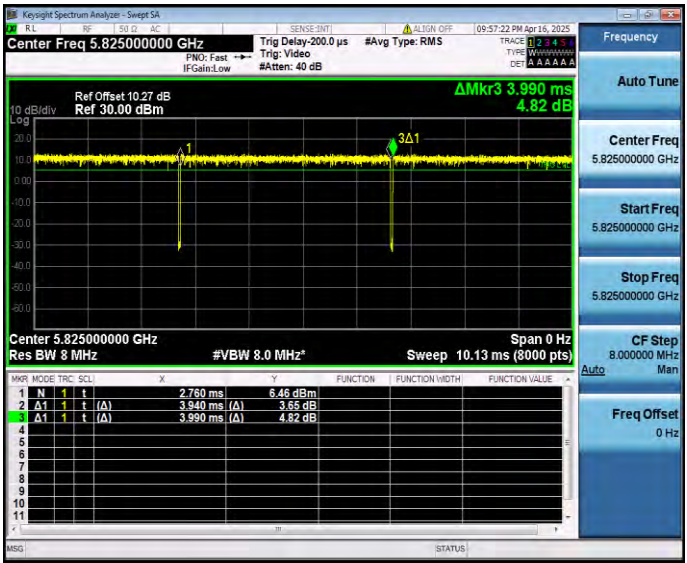
11AC20SISO_Ant1_5745



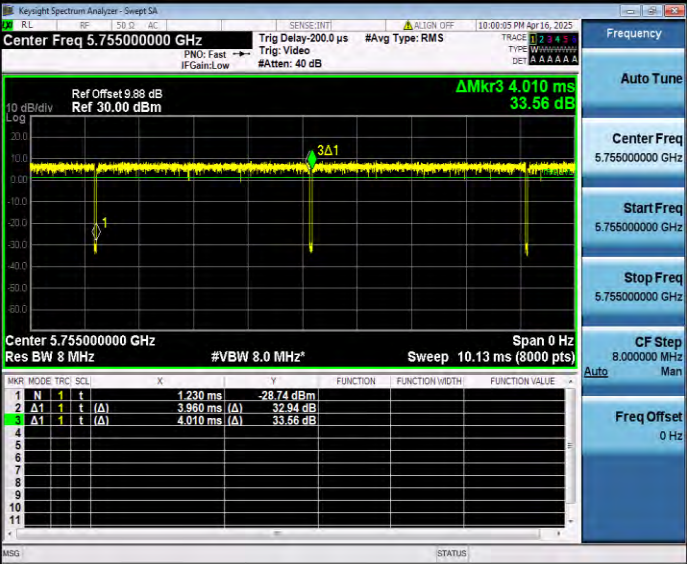
11AC20SISO_Ant1_5785



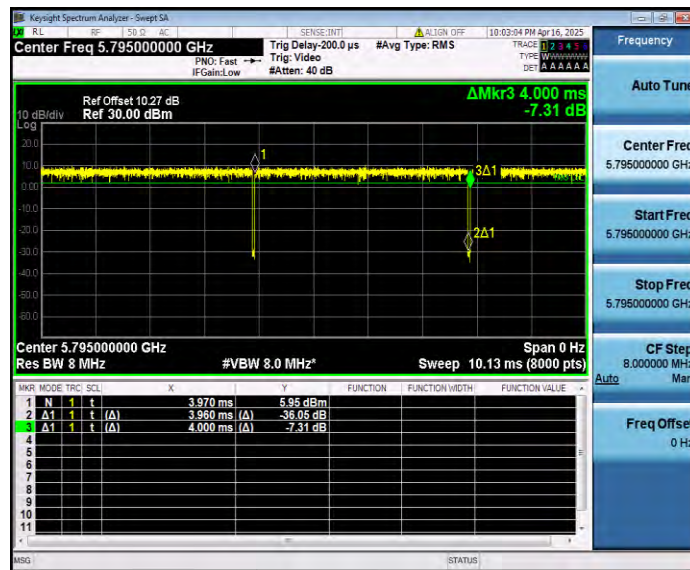
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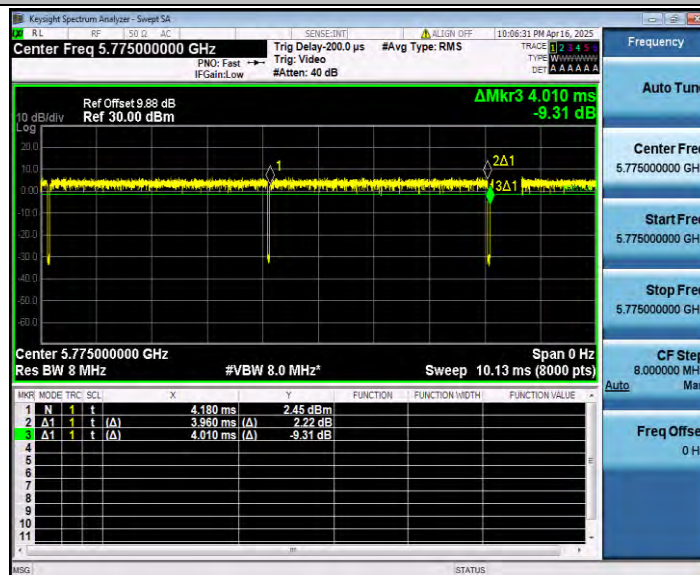
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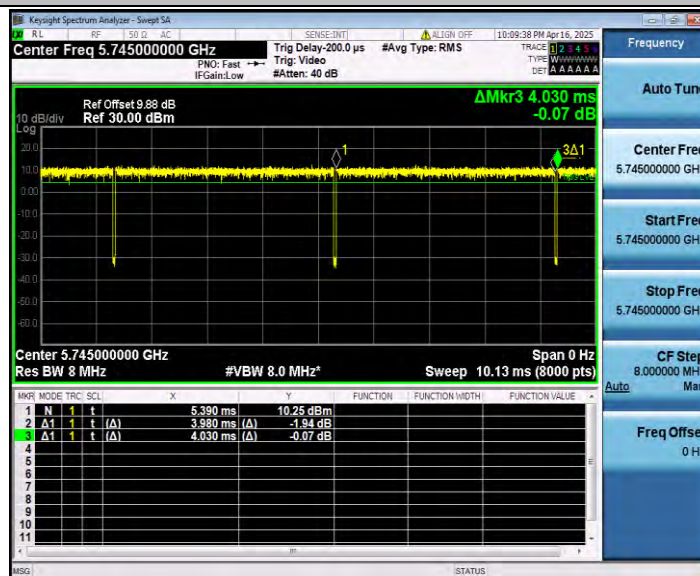
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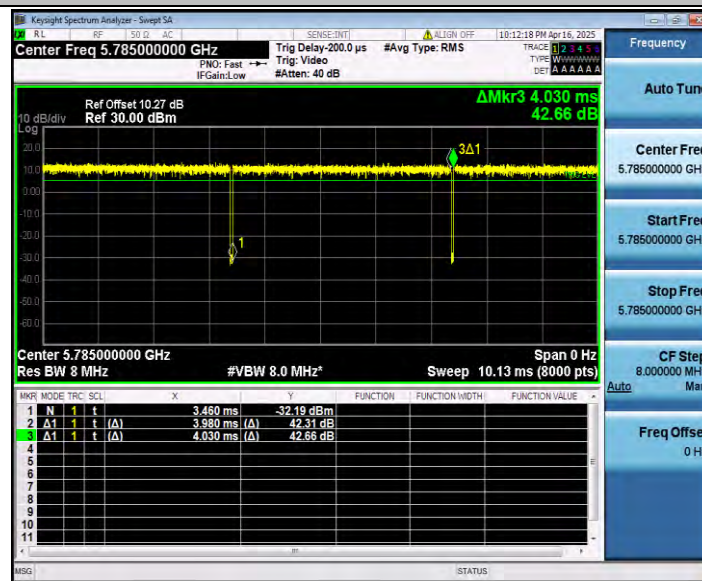
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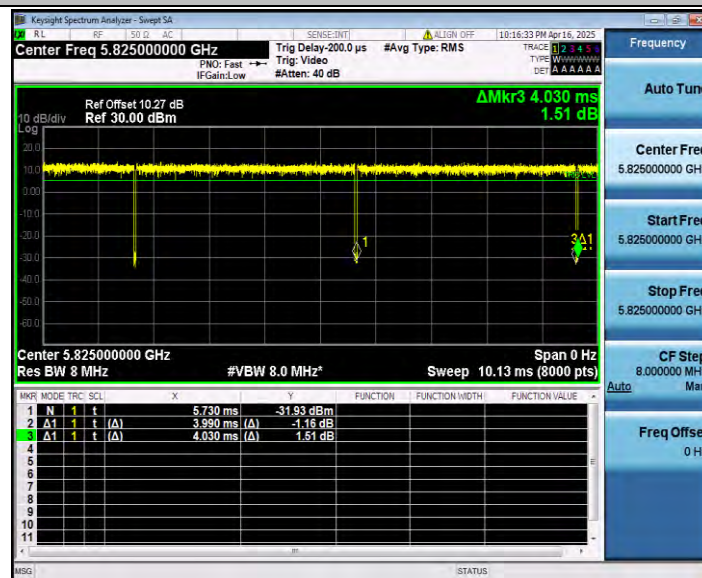
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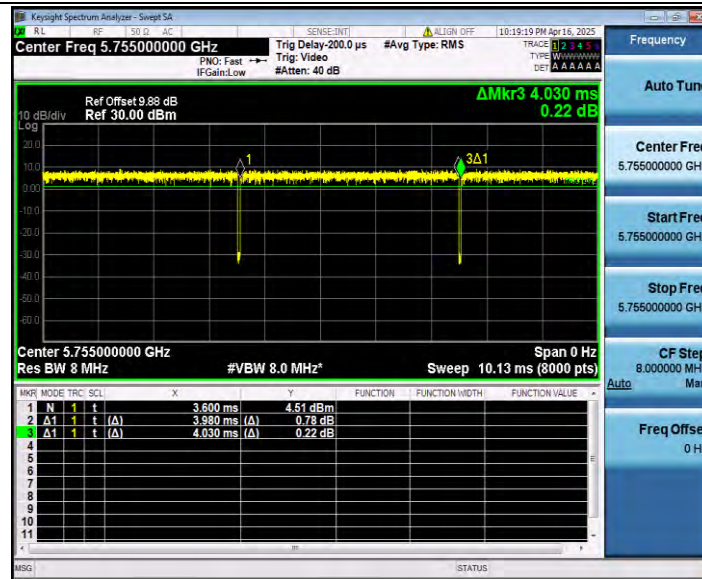
11AX20SISO_Ant1_5785



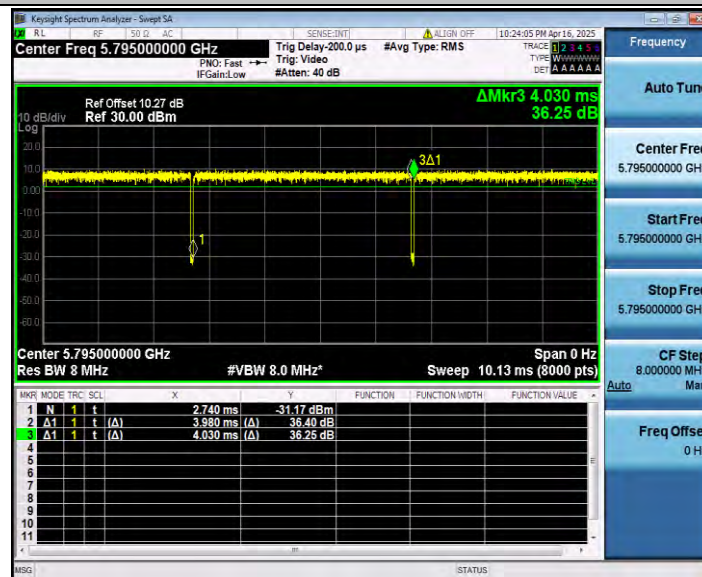
11AX20SISO_Ant1_5825



11AX40SISO_Ant1_5755



11AX40SISO_Ant1_5795



11AX80SISO_Ant1_5775

