

Case No. : CTA24111401804	
Ambient Condition: 23 °C, 52 %RH	
According Standard: ■Part15E	
Test Date: 2024.9.14	Test Engineer: Lushan Kong

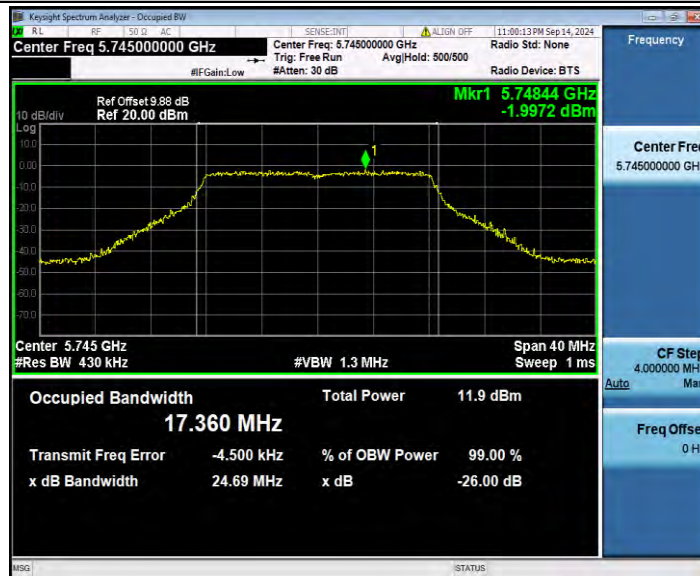
Appendix E.1: Occupied channel bandwidth

Test Result

TestMode	Antenna	Freq(MHz)	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant2	5745	17.360	5736.3155	5753.6755	---	---
		5785	17.317	5776.3593	5793.6763	---	---
		5825	17.375	5816.3441	5833.7191	---	---
11N20SISO	Ant2	5745	18.389	5735.8438	5754.2328	---	---
		5785	18.351	5775.8546	5794.2056	---	---
		5825	18.358	5815.8383	5834.1963	---	---
11N40SISO	Ant2	5755	36.884	5736.6135	5773.4975	---	---
		5795	36.782	5776.6382	5813.4202	---	---
11AC20SISO	Ant2	5745	18.375	5735.8149	5754.1899	---	---
		5785	18.358	5775.8427	5794.2007	---	---
		5825	18.417	5815.7981	5834.2151	---	---
11AC40SISO	Ant2	5755	36.827	5736.6101	5773.4371	---	---
		5795	36.761	5776.6601	5813.4211	---	---
11AC80SISO	Ant2	5775	75.127	5737.4859	5812.6129	---	---
11AX20SISO	Ant2	5745	19.297	5735.3698	5754.6668	---	---
		5785	19.178	5775.4170	5794.5950	---	---
		5825	19.250	5815.3879	5834.6379	---	---
11AX40SISO	Ant2	5755	38.040	5736.0244	5774.0644	---	---
		5795	38.045	5776.0047	5814.0497	---	---
11AX80SISO	Ant2	5775	76.824	5736.7309	5813.5549	---	---

Test Graphs

11A_Ant2_5745



11A_Ant2_5785



11A_Ant2_5825



11N20SISO_Ant2_5745



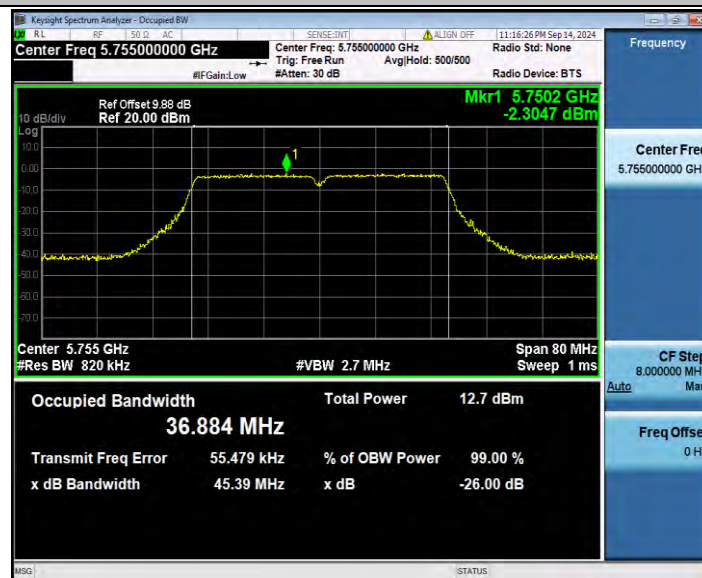
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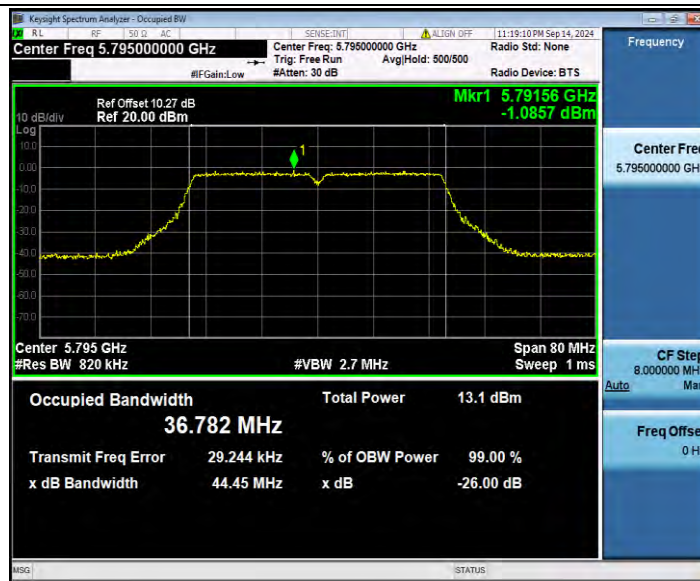
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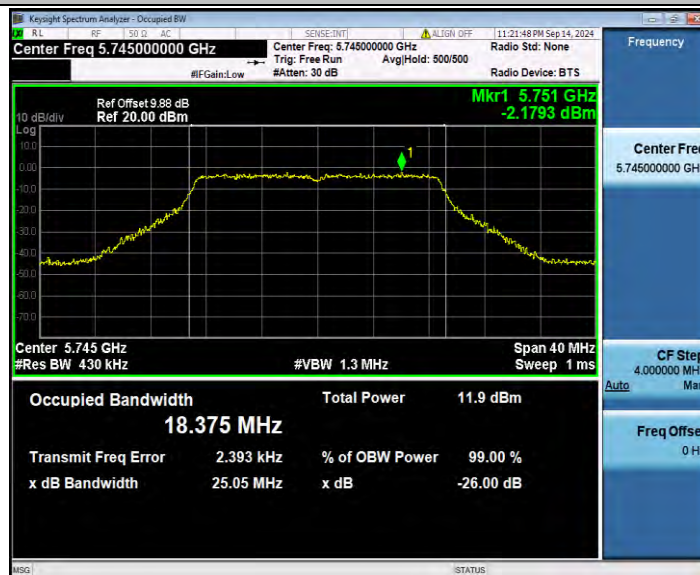
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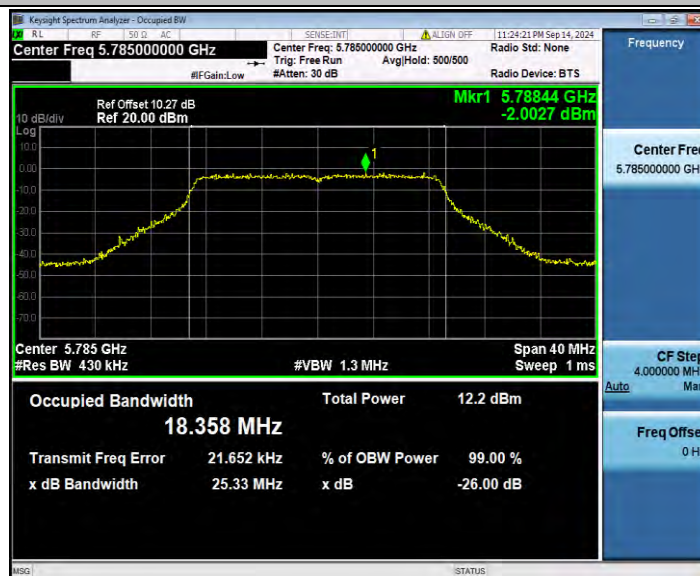
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11AC20SISO_Ant2_5745



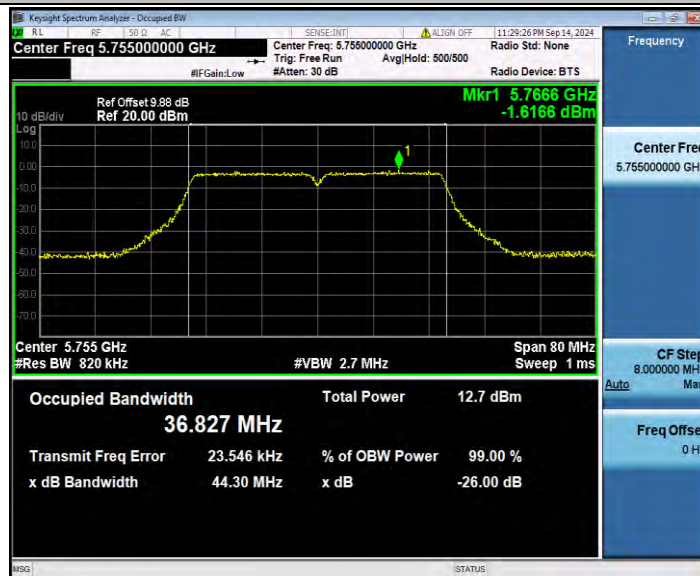
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11AC20SISO_Ant2_5825



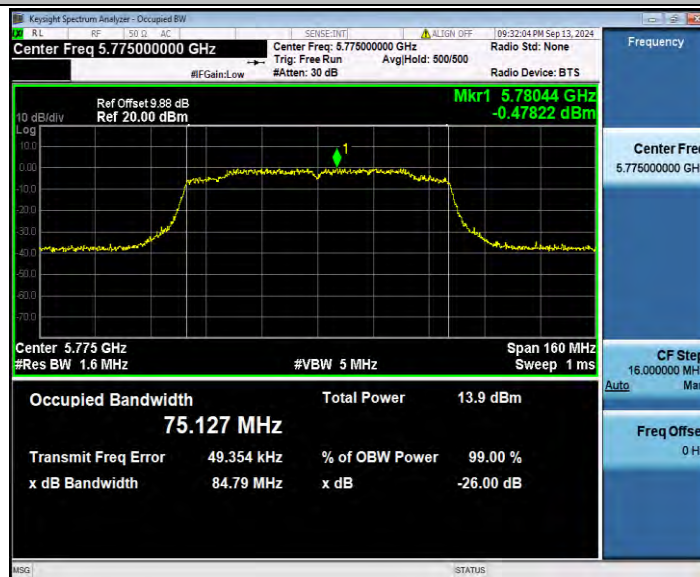
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11AC40SISO_Ant2_5795



11AC80SISO_Ant2_5775



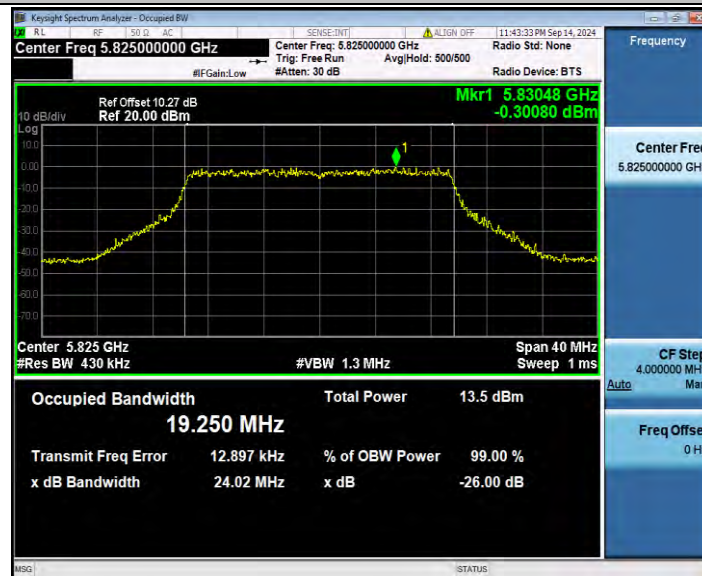
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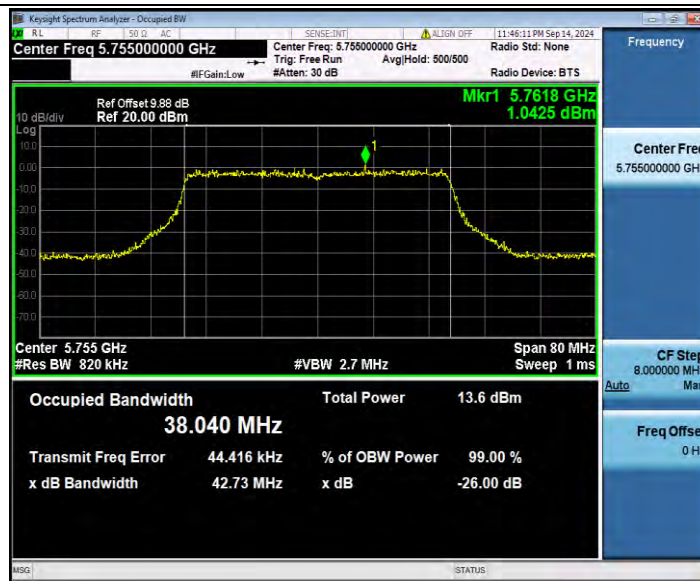
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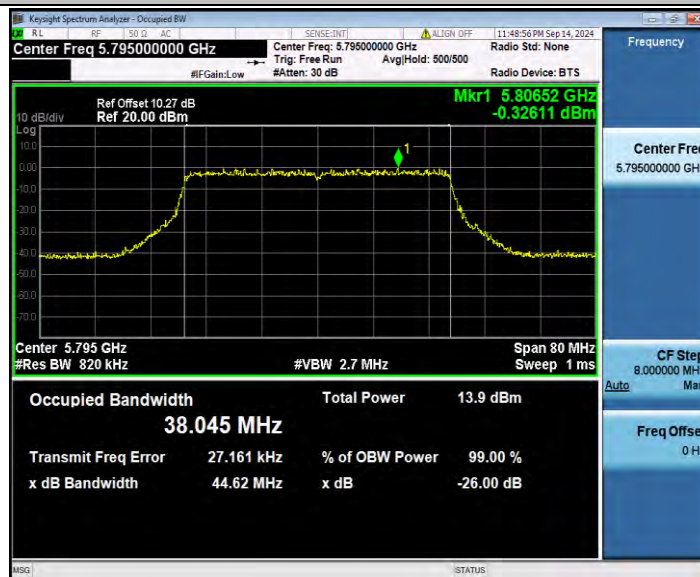
11AX20SISO_Ant2_5825



11AX40SISO_Ant2_5755



11AX40ISO_Ant2_5795



11AX80ISO_Ant2_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	Ant2	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	Ant2	5745	17.600	5736.200	5753.800	0.5	PASS
		5785	17.520	5776.240	5793.760	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	17.600	5816.200	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	72.480	5739.960	5812.440	0.5	PASS
11AX20SISO	Ant2	5745	18.880	5735.560	5754.440	0.5	PASS
		5785	18.760	5775.640	5794.400	0.5	PASS
		5825	18.920	5815.520	5834.440	0.5	PASS
11AX40SISO	Ant2	5755	37.680	5736.360	5774.040	0.5	PASS
		5795	38.000	5776.040	5814.040	0.5	PASS
11AX80SISO	Ant2	5775	73.760	5738.680	5812.440	0.5	PASS

Test Graphs B4





11N20SISO_Ant2_5745



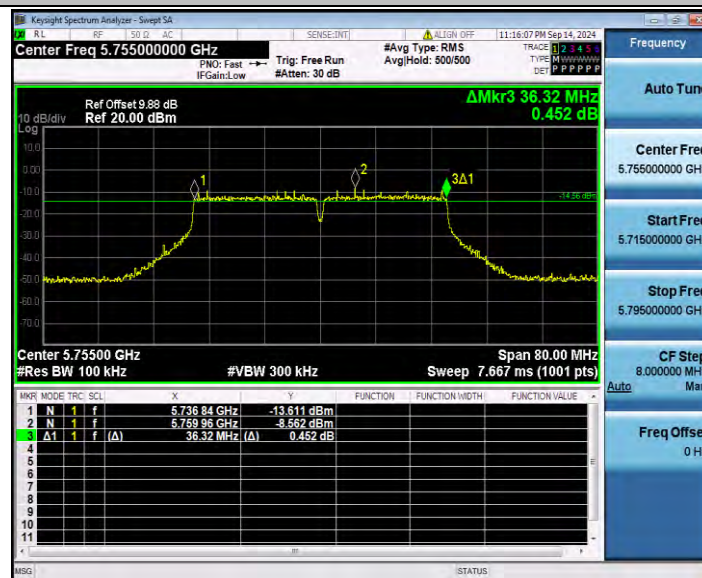
11N20SISO_Ant2_5785



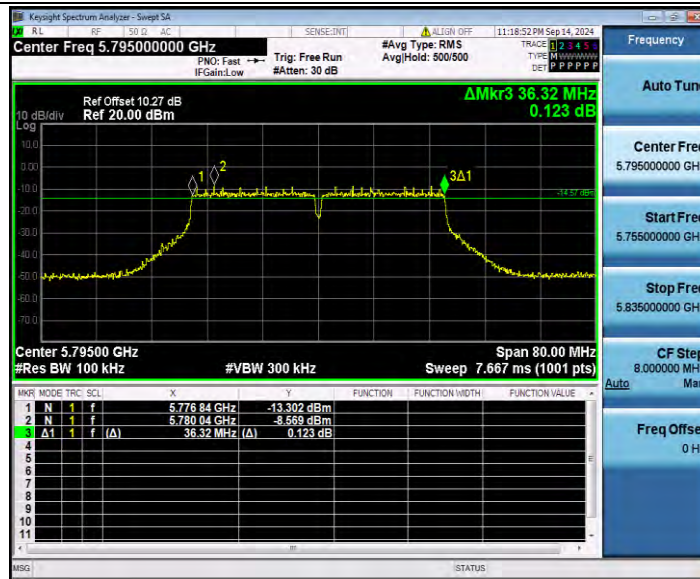
11N20SISO_Ant2_5825



11N40SISO_Ant2_5755



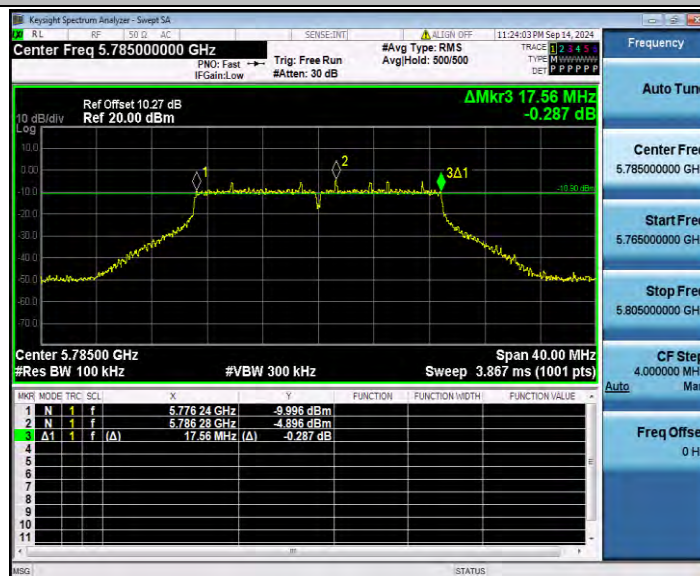
11N40SISO_Ant2_5795



11AC20SISO_Ant2_5745



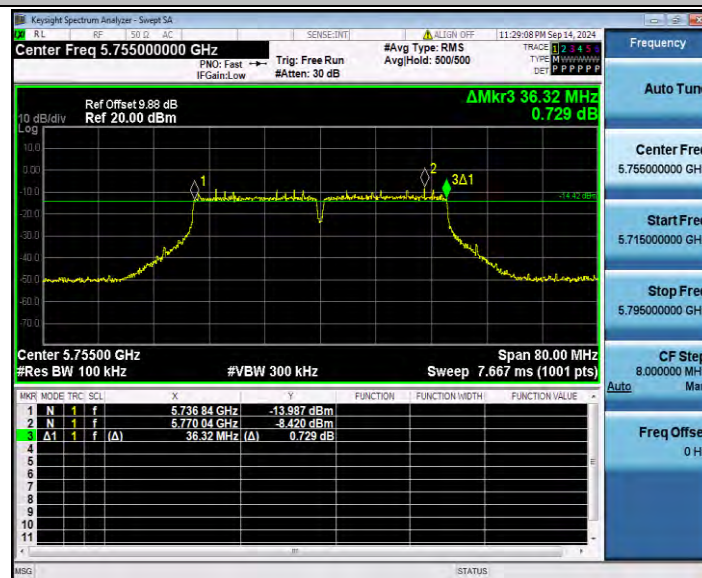
11AC20SISO_Ant2_5785



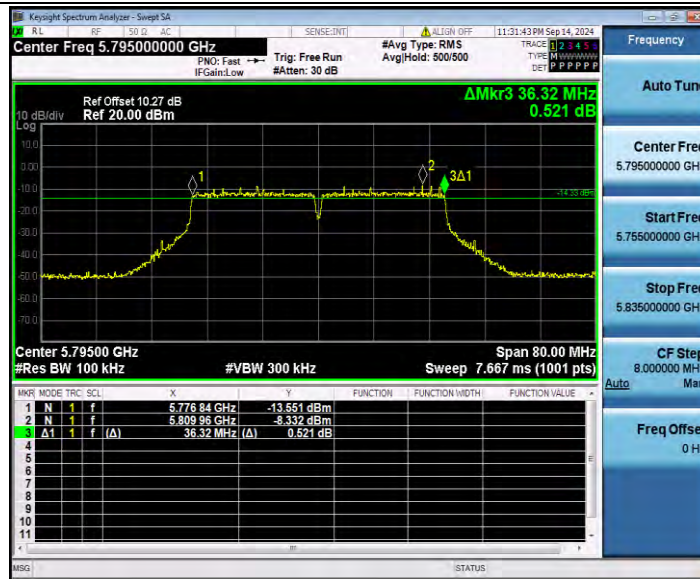
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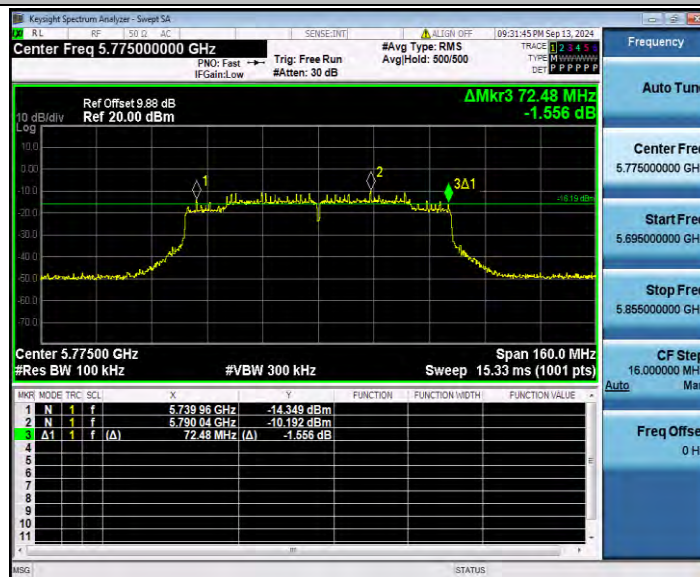
11AC40SISO_Ant2_5755



11AC40SISO_Ant2_5795



11AC80SISO_Ant2_5775



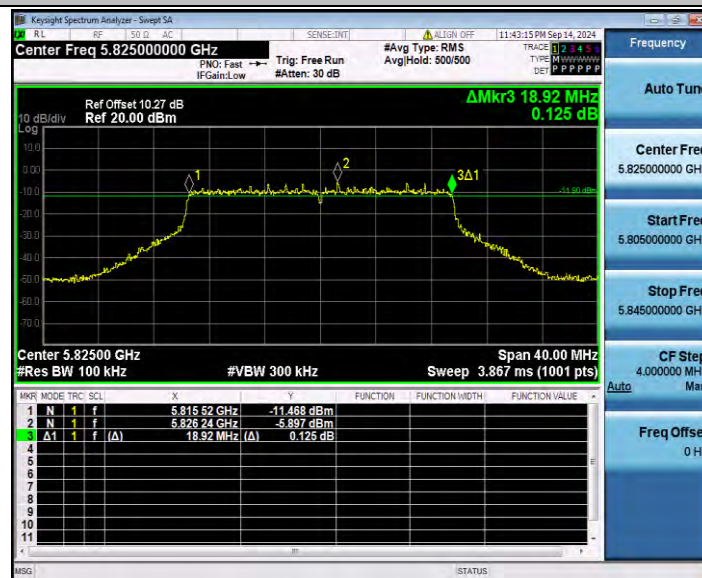
11AX20SISO_Ant2_5745



11AX20SISO_Ant2_5785



11AX20SISO_Ant2_5825



11AX40SISO_Ant2_5755

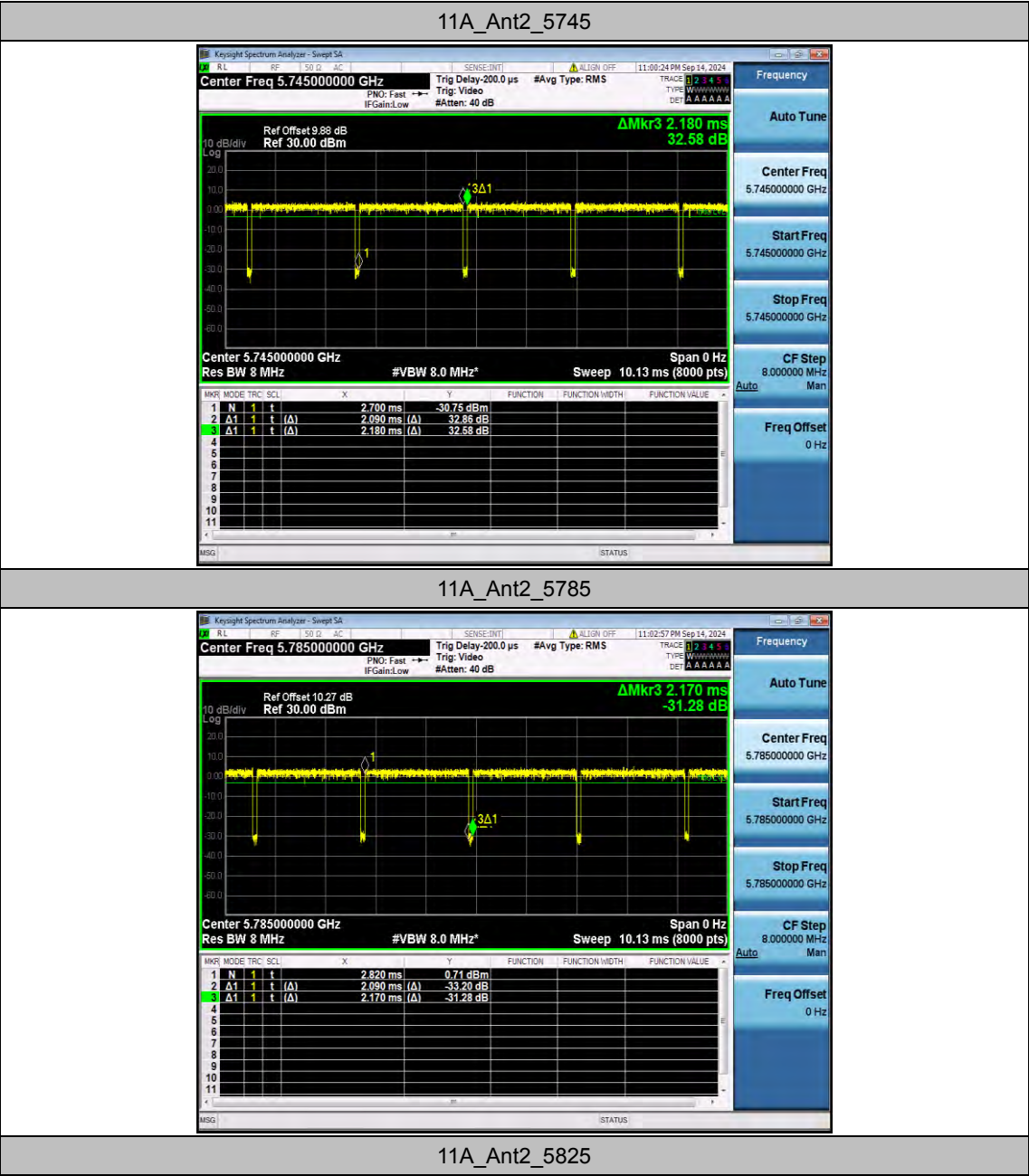


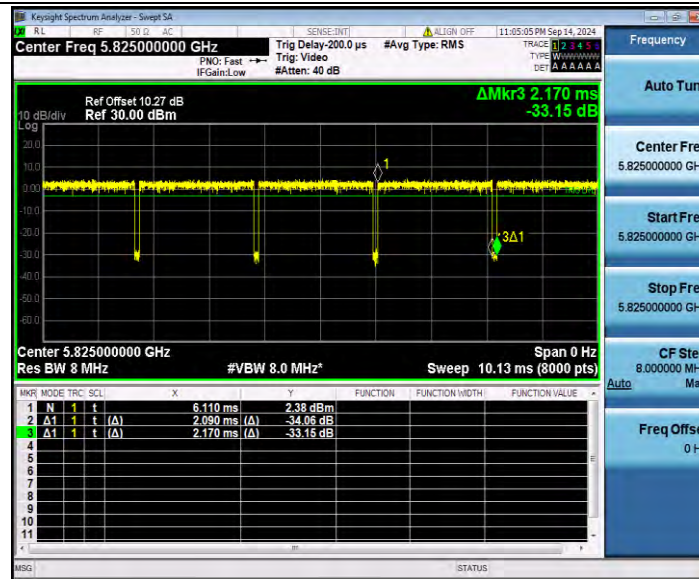
Appendix E.3: Duty Cycle

Test Result

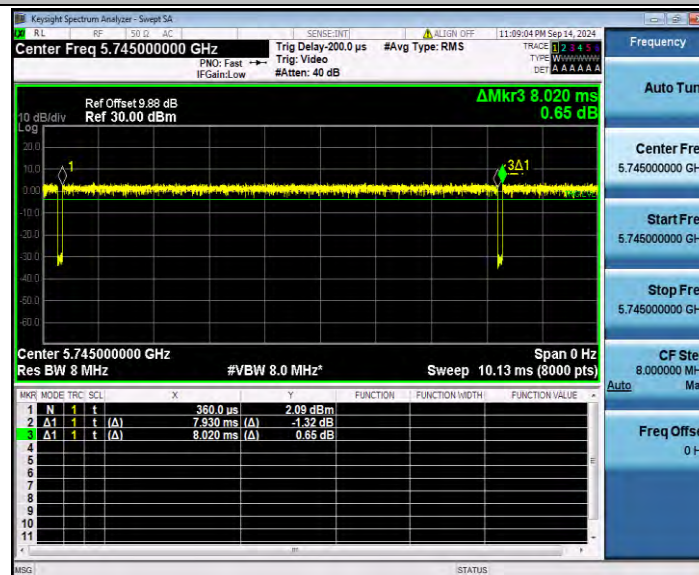
TestMode	Antenna	Freq(MHz)	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	Duty Cycle Factor[dB]	1/T Factor[KHz]
11A	Ant2	5745	2.09	2.18	95.87	0.18	0.48
		5785	2.09	2.17	96.31	0.16	0.48
		5825	2.09	2.17	96.31	0.16	0.48
11N20SISO	Ant2	5745	7.93	8.02	98.88	0.05	0.13
		5785	7.93	8.02	98.88	0.05	0.13
		5825	7.93	8.02	98.88	0.05	0.13
11N40SISO	Ant2	5755	7.94	8.02	99.00	0.04	0.13
		5795	7.93	8.02	98.88	0.05	0.13
11AC20SISO	Ant2	5745	7.92	8.01	98.88	0.05	0.13
		5785	7.93	8.01	99.00	0.04	0.13
		5825	7.92	8.01	98.88	0.05	0.13
11AC40SISO	Ant2	5755	7.91	8.00	98.88	0.05	0.13
		5795	7.91	8.00	98.88	0.05	0.13
11AC80SISO	Ant2	5775	3.97	4.01	99.00	0.04	0.25
11AX20SISO	Ant2	5745	7.92	8.00	99.00	0.04	0.13
		5785	7.91	8.00	98.88	0.05	0.13
		5825	7.92	8.00	99.00	0.04	0.13
11AX40SISO	Ant2	5755	7.93	8.02	98.88	0.05	0.13
		5795	7.93	8.02	98.88	0.05	0.13
11AX80SISO	Ant2	5775	7.92	8.01	98.88	0.05	0.13

Test Graphs

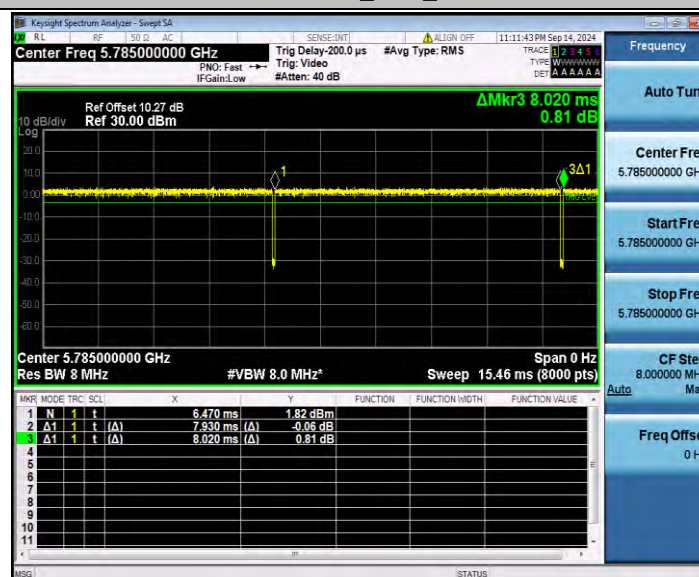




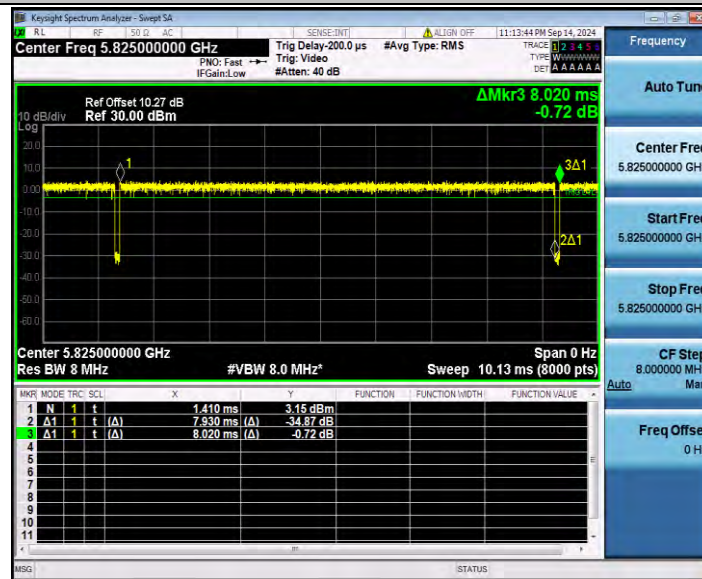
11N20SISO_Ant2_5745



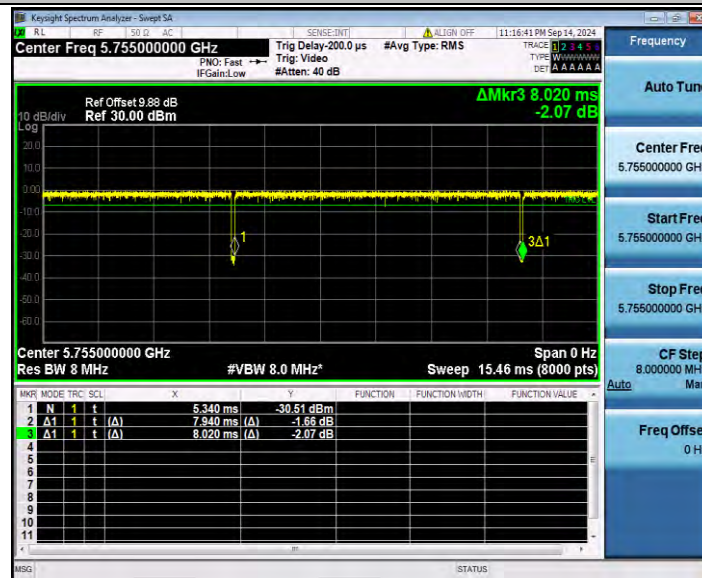
11N20SISO_Ant2_5785



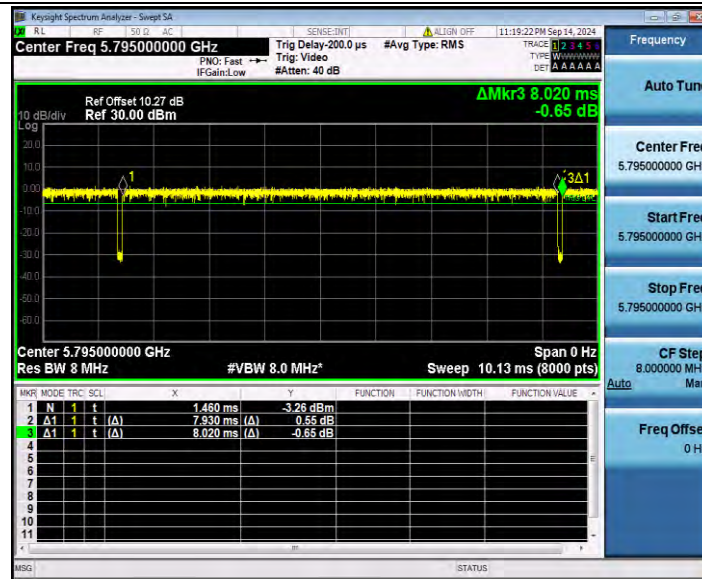
11N20SISO_Ant2_5825



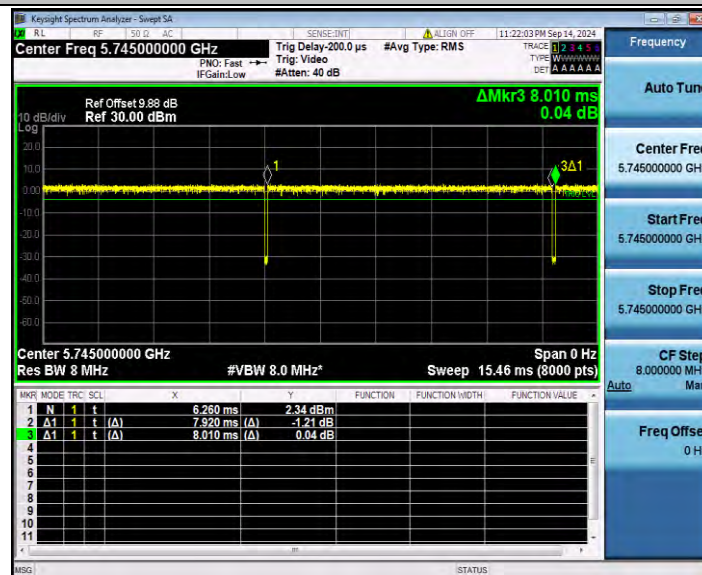
11N40SISO_Ant2_5755



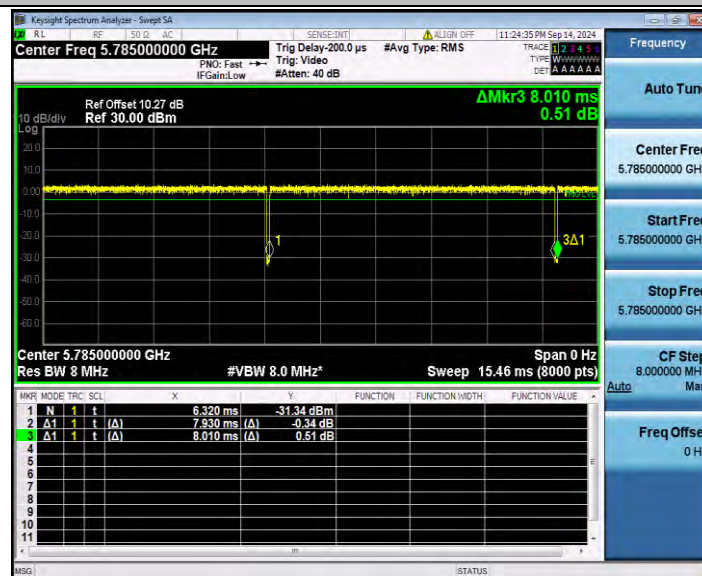
11N40SISO_Ant2_5795



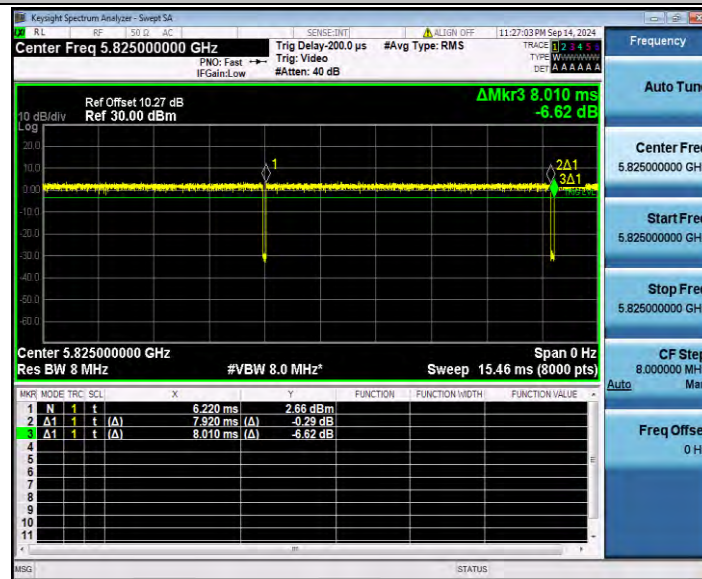
11AC20SISO_Ant2_5745



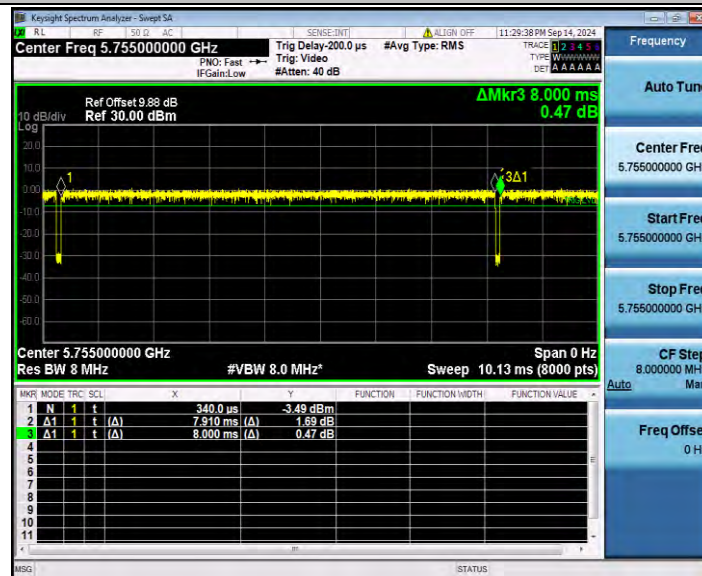
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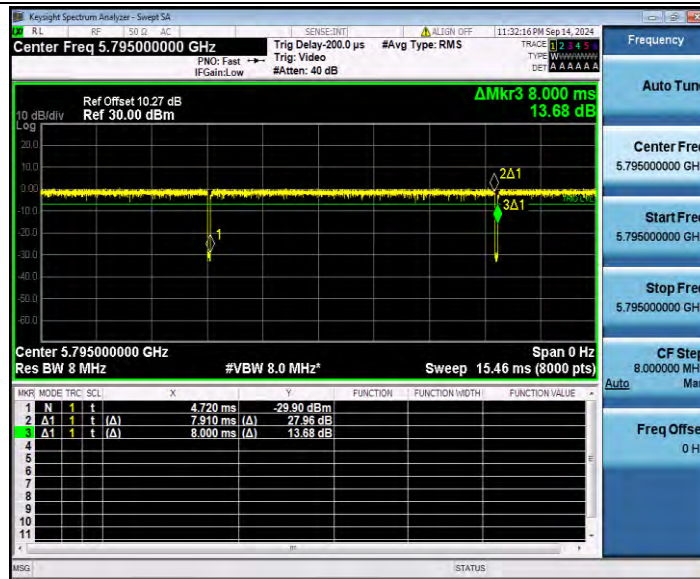
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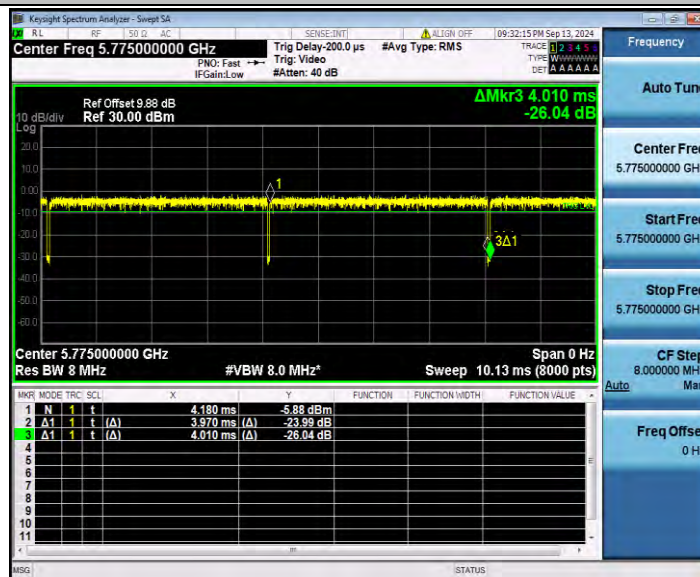
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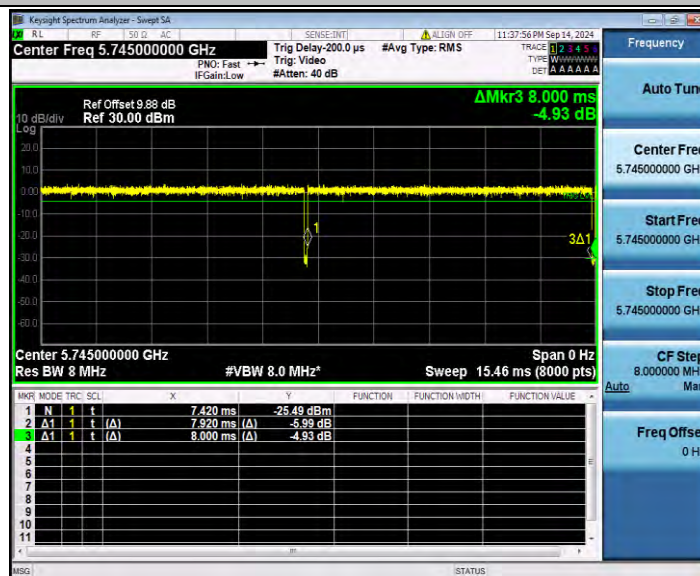
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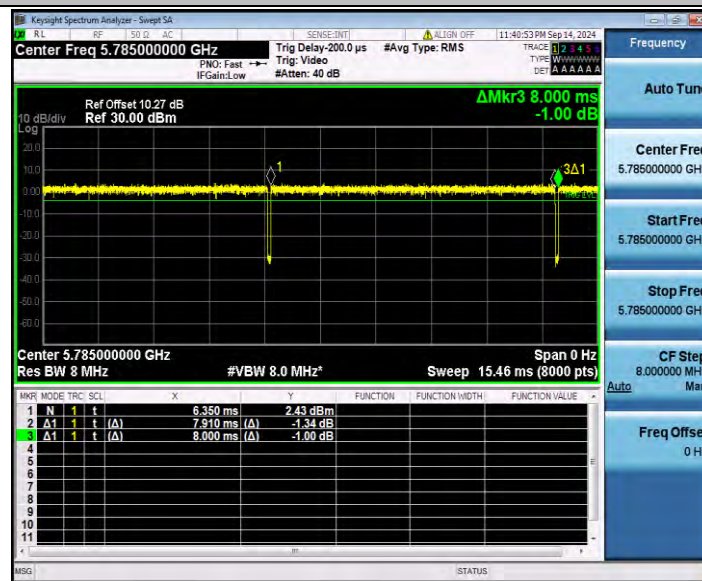
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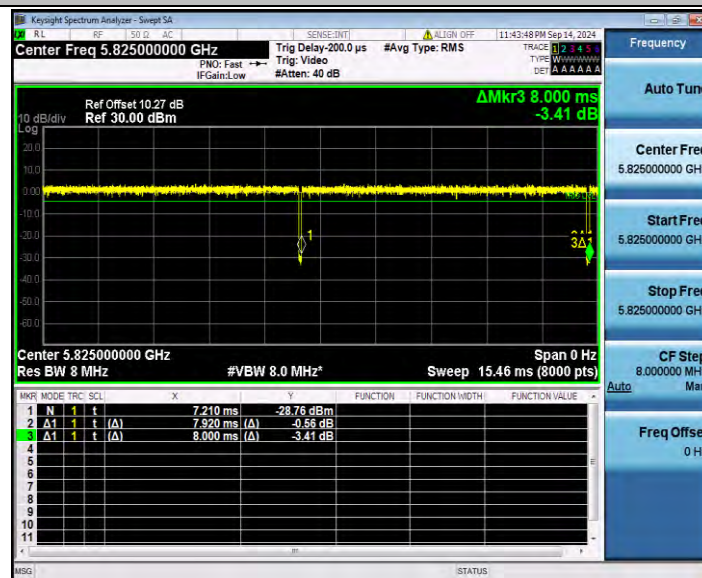
11AX20SISO_Ant2_5745



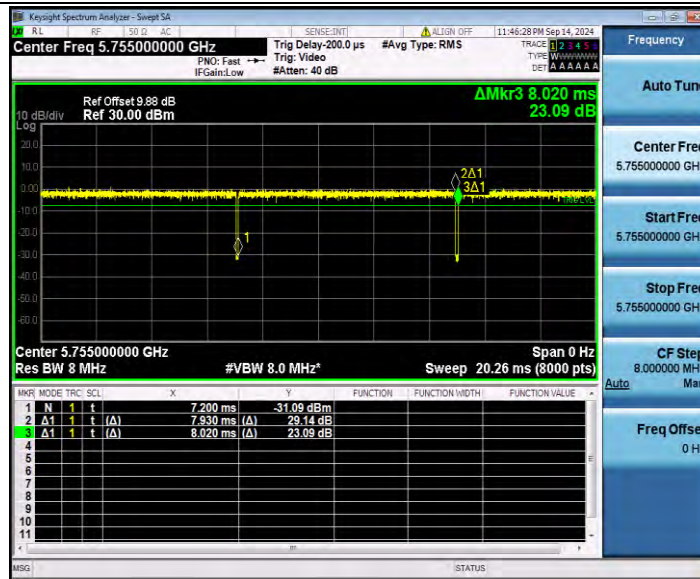
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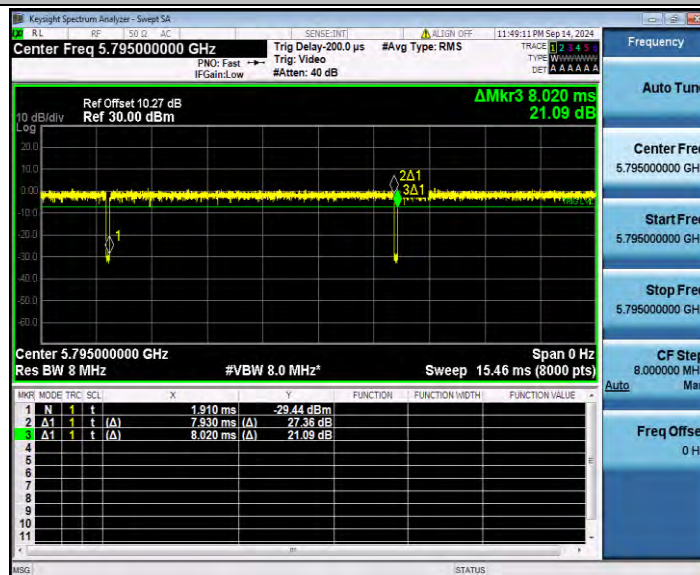
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11AX40SISO_Ant2_5755



11AX40ISO_Ant2_5795



11AX80ISO_Ant2_5775

