

Case No. : <u>GTS20231018011-1-88</u>
Ambient Condition: <u>22 °C, 47 %RH</u>
According Standard: <u>■Part15E</u>
Test Date: <u>2024.1.24</u> Test Engineer: <u>Evan ouyang</u>

Appendix G.1: Emission Bandwidth

Test Result

TestMode	Antenna	Freq(MHz)	6db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5745	16.040	5736.880	5752.920	0.5	PASS
		5785	15.800	5777.120	5792.920	0.5	PASS
		5825	16.320	5816.840	5833.160	0.5	PASS
11N20SISO	Ant1	5745	16.320	5736.840	5753.160	0.5	PASS
		5785	15.760	5777.120	5792.880	0.5	PASS
		5825	15.680	5817.120	5832.800	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	15.920	5737.480	5753.400	0.5	PASS
		5785	16.440	5777.000	5793.440	0.5	PASS
		5825	16.360	5817.120	5833.480	0.5	PASS
11AC40SISO	Ant1	5755	35.040	5737.480	5772.520	0.5	PASS
		5795	35.040	5777.480	5812.520	0.5	PASS
11AC80SISO	Ant1	5775	75.200	5737.400	5812.600	0.5	PASS
11AX20SISO	Ant1	5745	18.800	5735.600	5754.400	0.5	PASS
		5785	18.680	5775.600	5794.280	0.5	PASS
		5825	18.760	5815.600	5834.360	0.5	PASS
11AX40SISO	Ant1	5755	35.120	5737.480	5772.600	0.5	PASS
		5795	35.440	5777.160	5812.600	0.5	PASS
11AX80SISO	Ant1	5775	78.080	5735.960	5814.040	0.5	PASS

Test Graphs

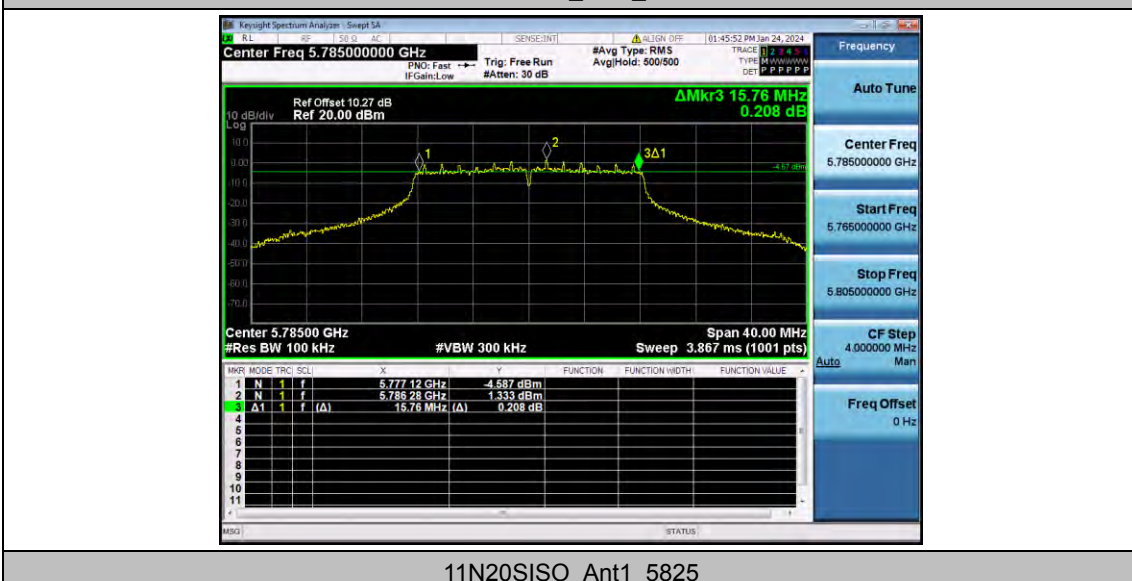




11N20SISO_Ant1_5745



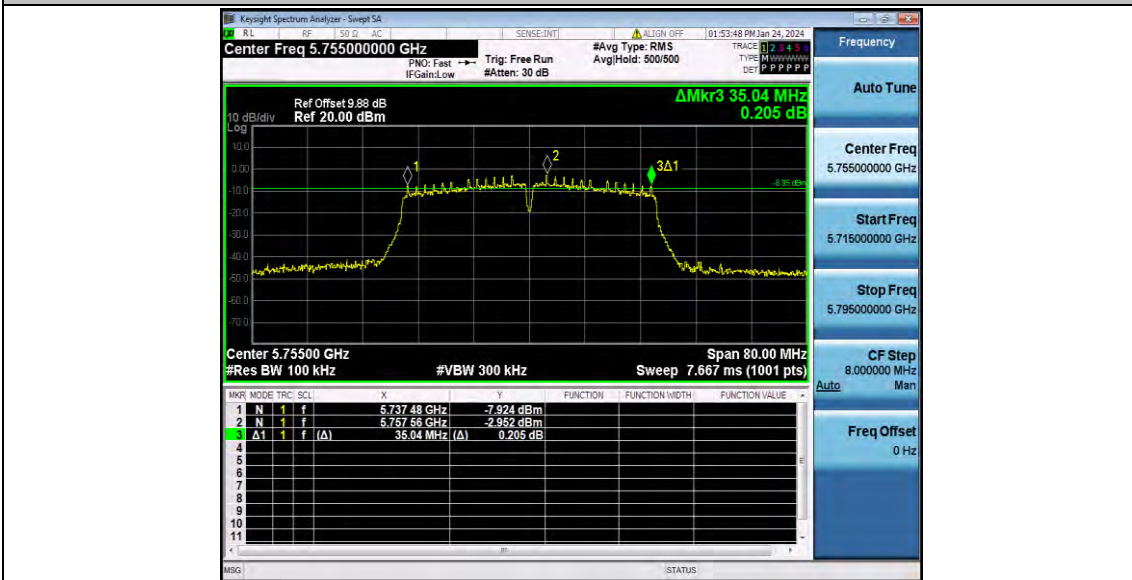
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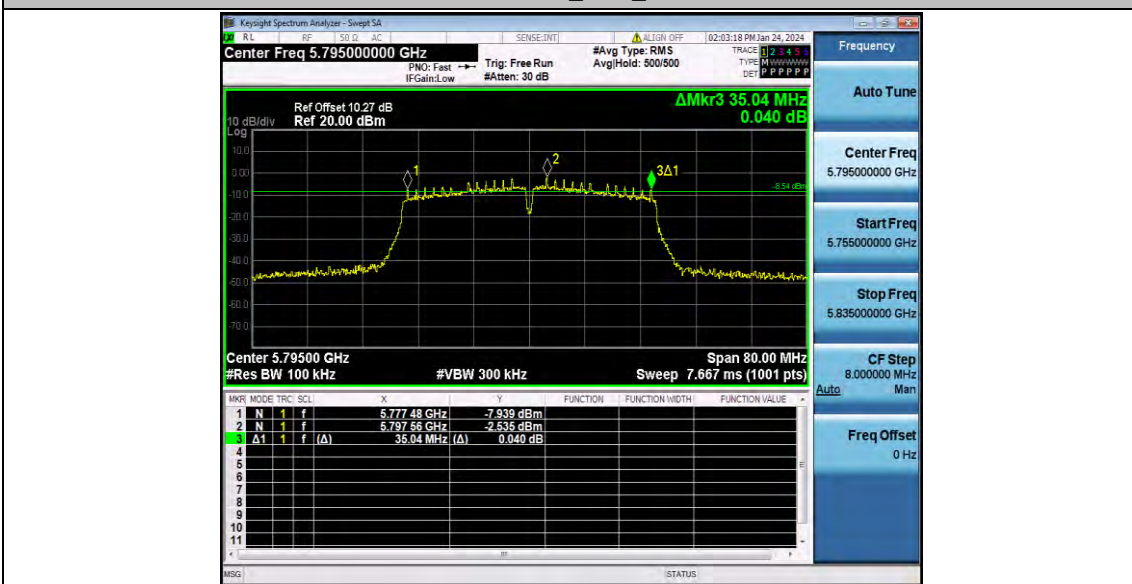
11N20SISO_Ant1_5825



11N40SISO_Ant1_5755



11N40SISO_Ant1_5795



11AC20SISO_Ant1_5745



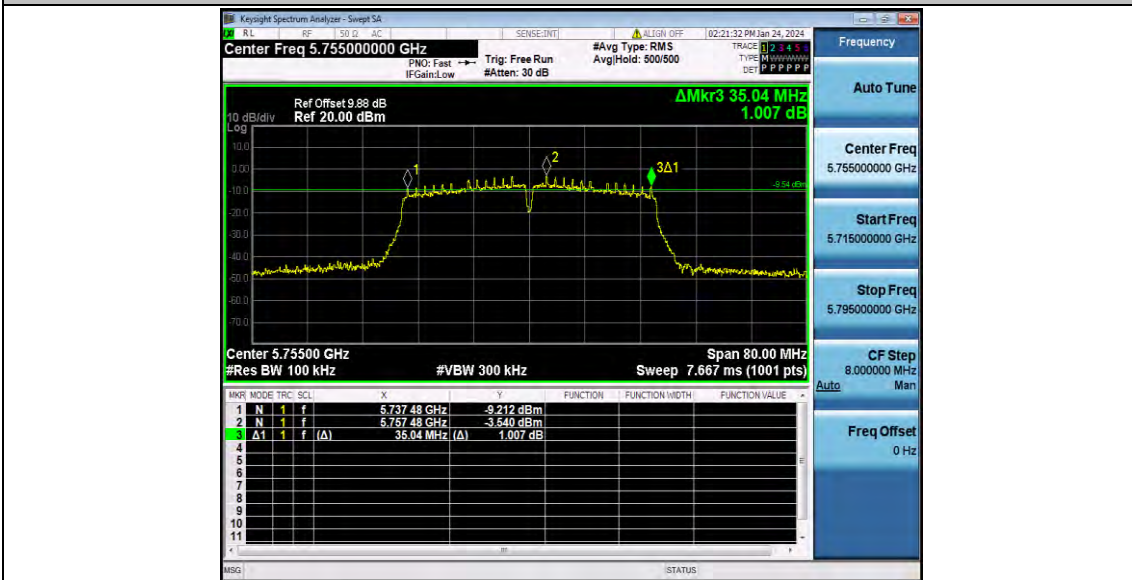
11AC20SISO_Ant1_5785



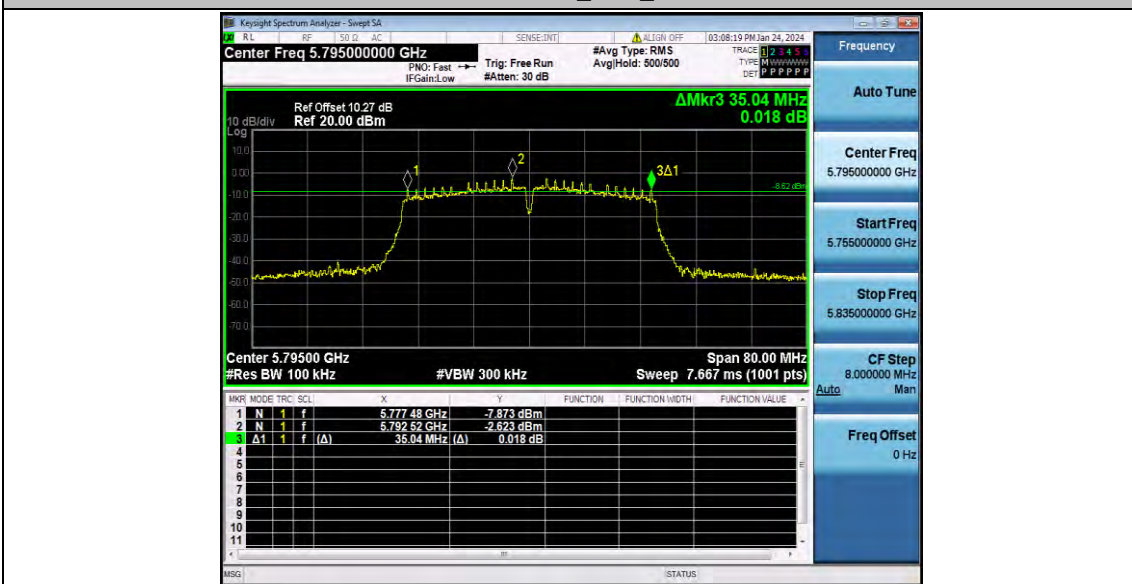
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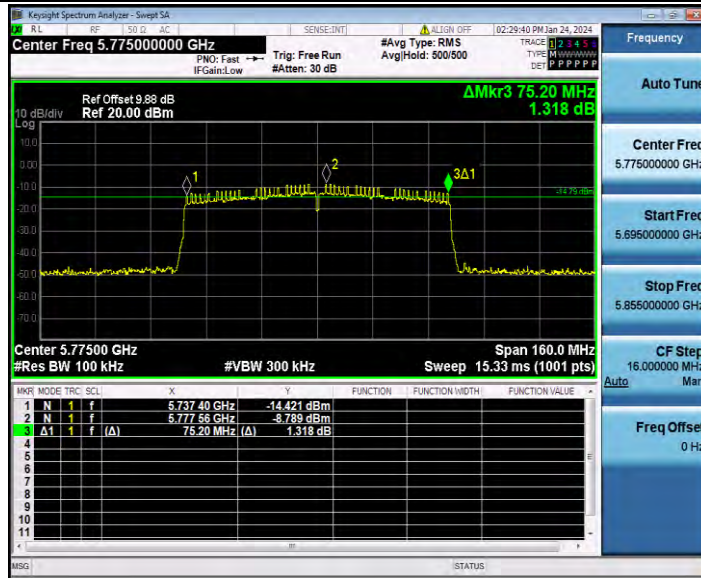
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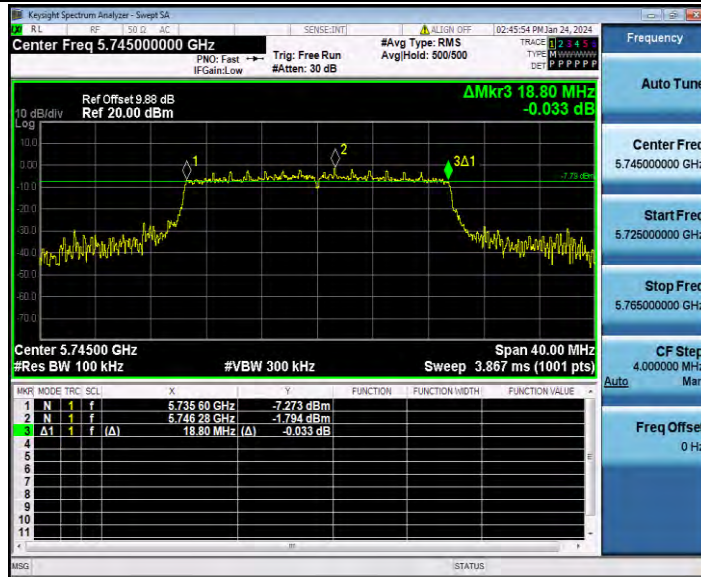
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11AC80SISO_Ant1_5775



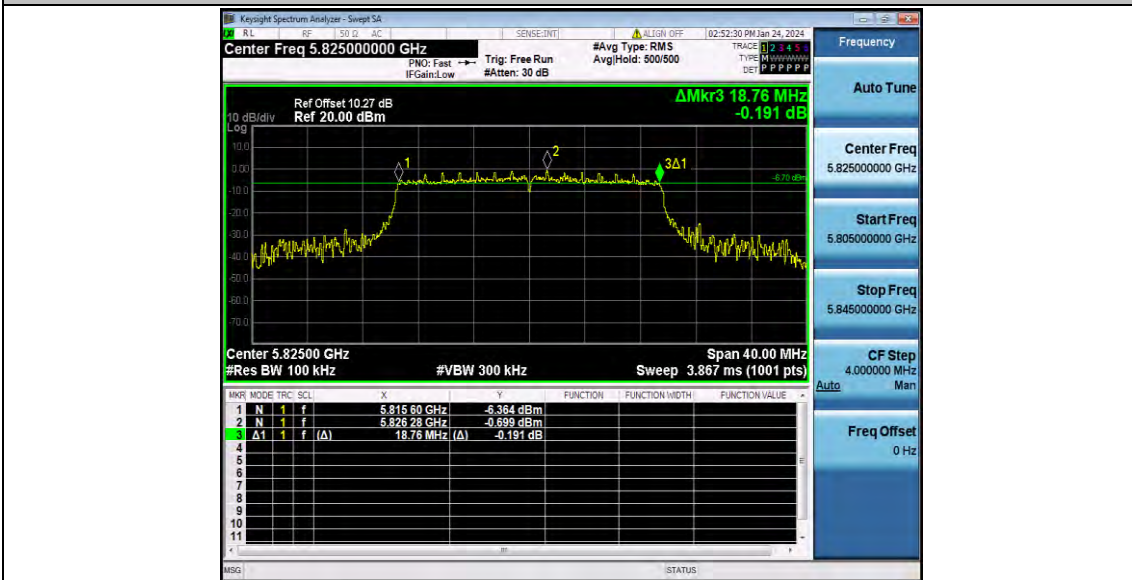
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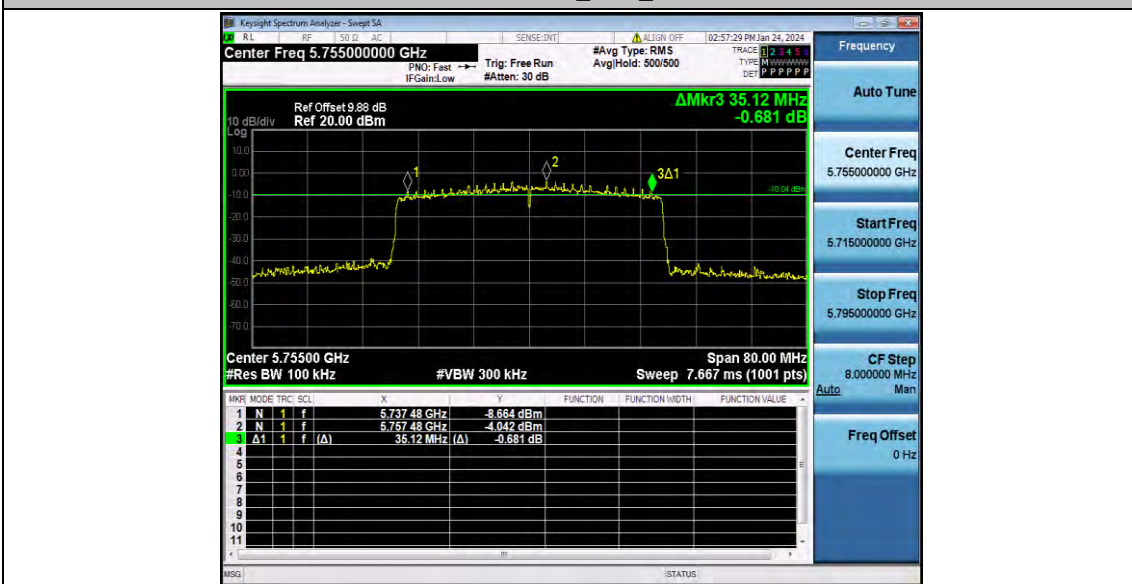
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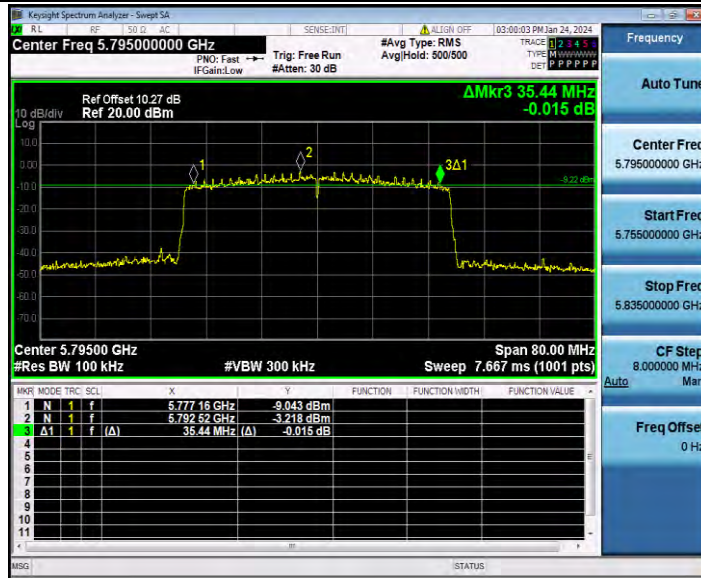
11AX20SISO_Ant1_5825



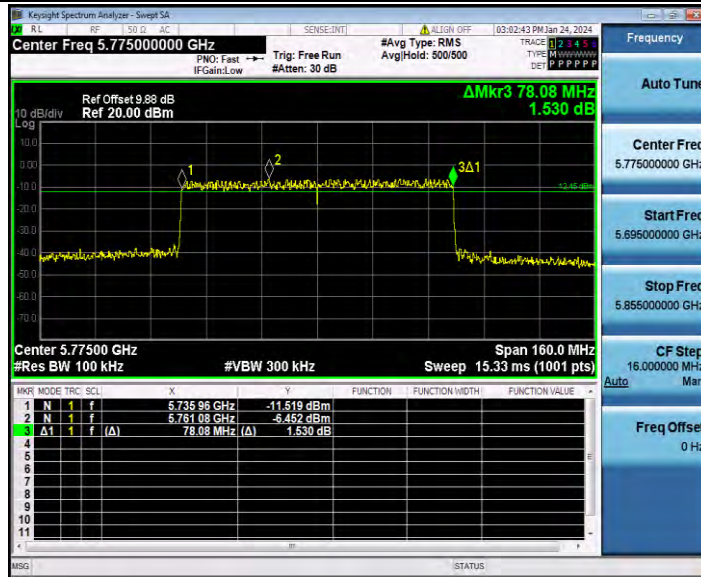
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11AX40SISO_Ant1_5795



11AX80SISO_Ant1_5775

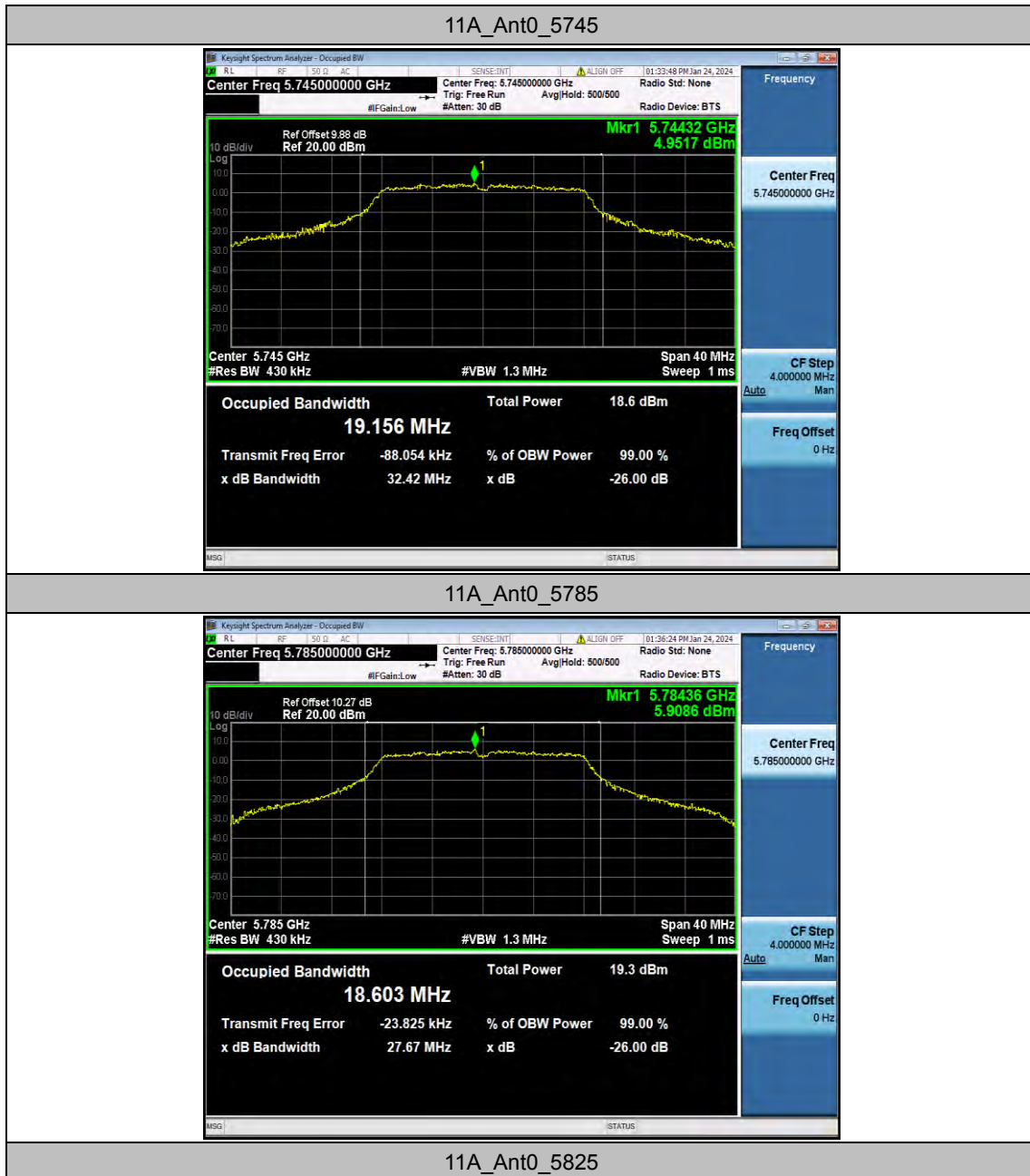


Appendix G.2: Occupied channel bandwidth

Test Result

TestMode	Antenna	Freq(MHz)	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant0	5745	19.156	5735.3340	5754.4900	---	---
		5785	18.603	5775.6747	5794.2777	---	---
		5825	18.569	5815.6081	5834.1771	---	---
11N20SISO	Ant0	5745	19.147	5735.2947	5754.4417	---	---
		5785	18.574	5775.7053	5794.2793	---	---
		5825	18.644	5815.6183	5834.2623	---	---
11N40SISO	Ant0	5755	35.960	5737.0822	5773.0422	---	---
		5795	35.854	5777.0980	5812.9520	---	---
11AC20SISO	Ant0	5745	19.061	5735.4893	5754.5503	---	---
		5785	19.006	5775.4886	5794.4946	---	---
		5825	19.019	5815.4795	5834.4985	---	---
11AC40SISO	Ant0	5755	35.961	5737.0704	5773.0314	---	---
		5795	35.863	5777.0620	5812.9250	---	---
11AC80SISO	Ant0	5775	75.079	5737.5044	5812.5834	---	---
11AX20SISO	Ant0	5745	19.201	5735.4229	5754.6239	---	---
		5785	19.239	5775.4357	5794.6747	---	---
		5825	19.246	5815.4051	5834.6511	---	---
11AX40SISO	Ant0	5755	37.592	5736.2641	5773.8561	---	---
		5795	37.590	5776.2246	5813.8146	---	---
11AX80SISO	Ant0	5775	77.570	5736.3544	5813.9244	---	---

Test Graphs

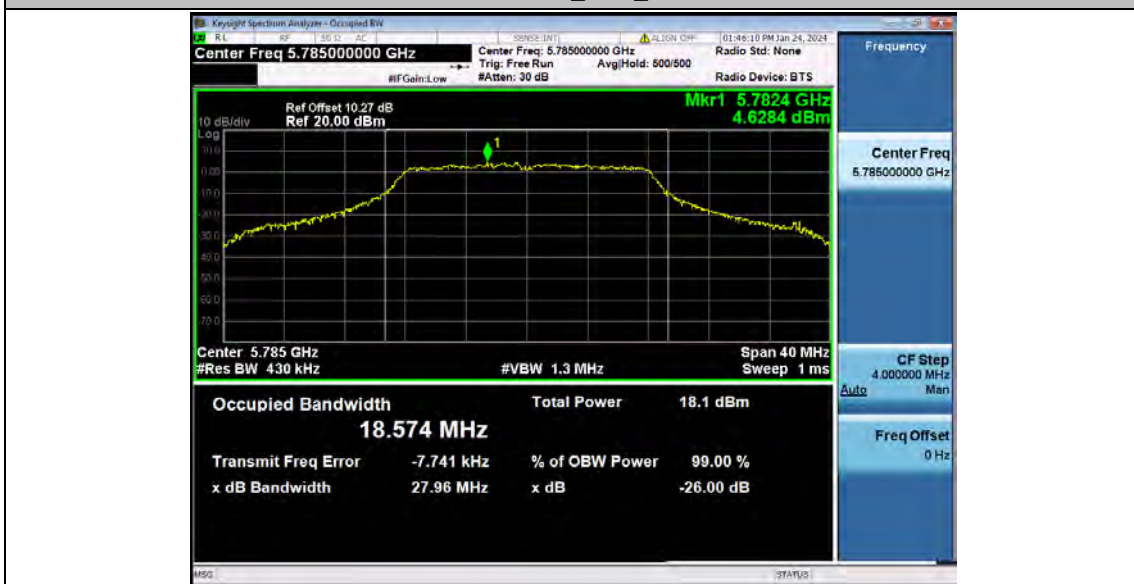




11N20SISO_Ant0_5745



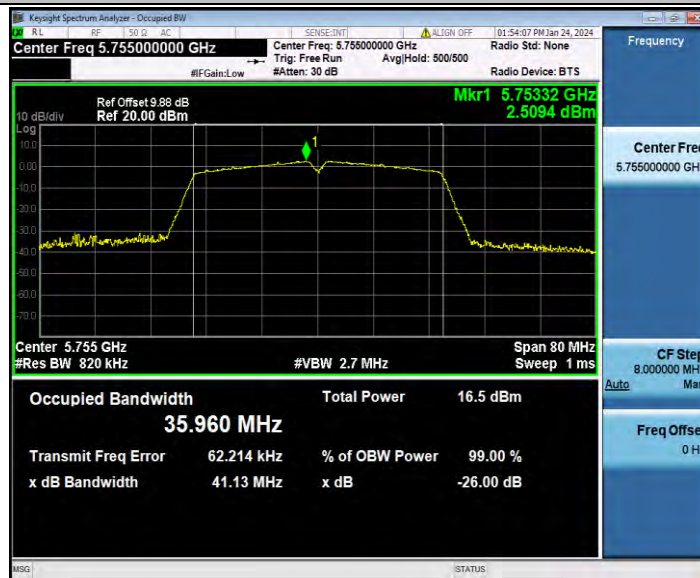
11N20SISO_Ant0_5785



11N20SISO_Ant0_5825



11N40SISO_Ant0_5755



11N40SISO_Ant0_5795



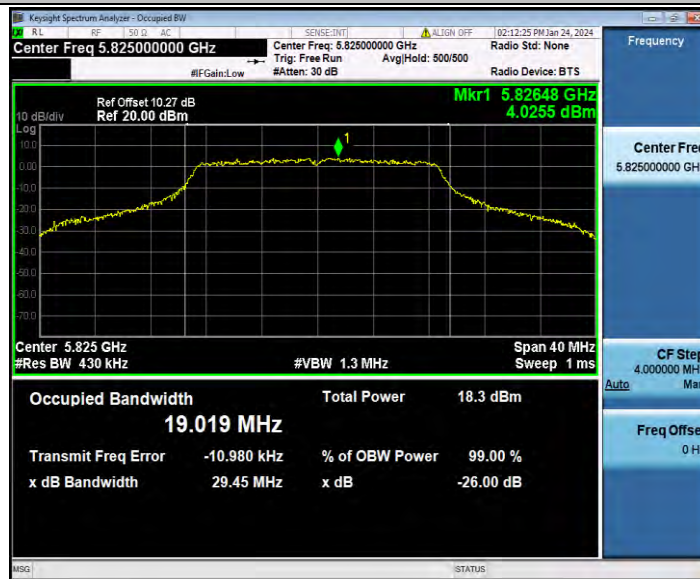
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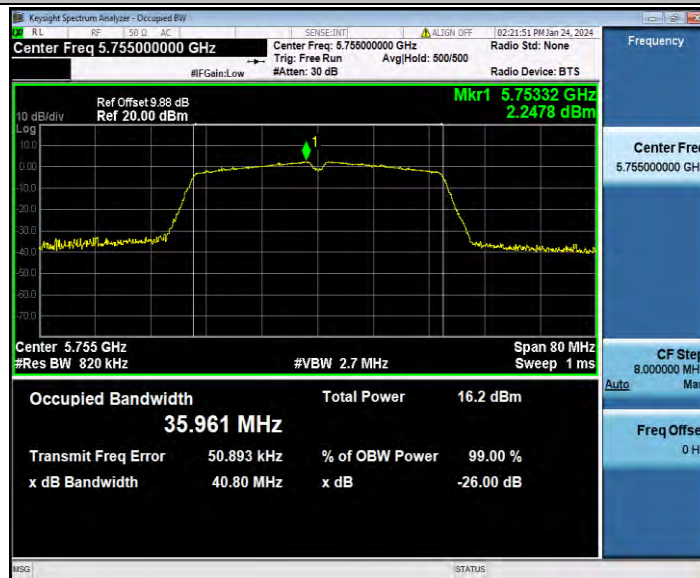
11AC20SISO_Ant0_5785



11AC20SISO_Ant0_5825



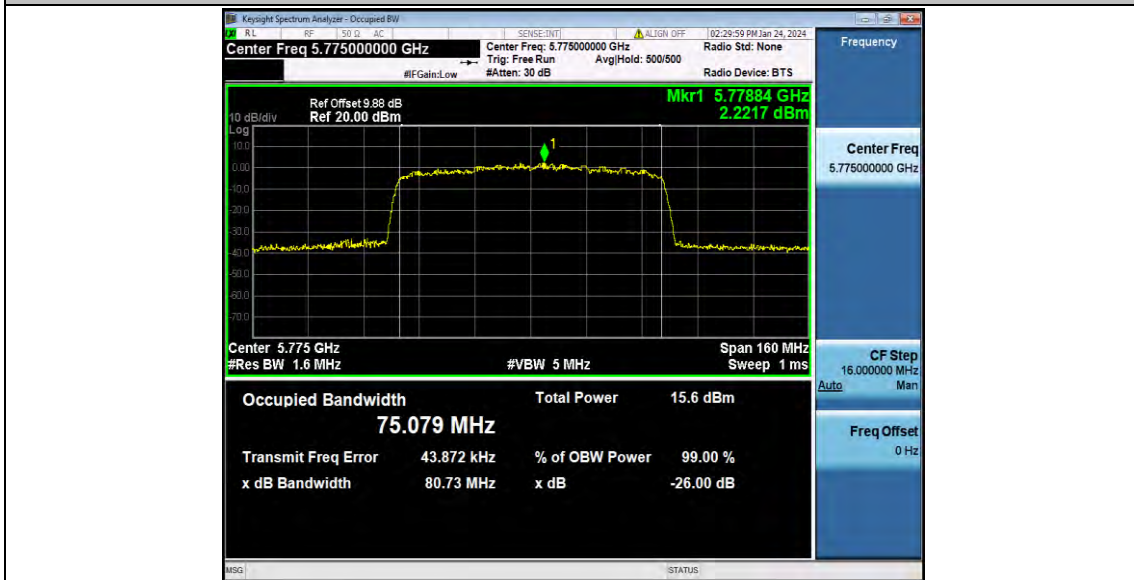
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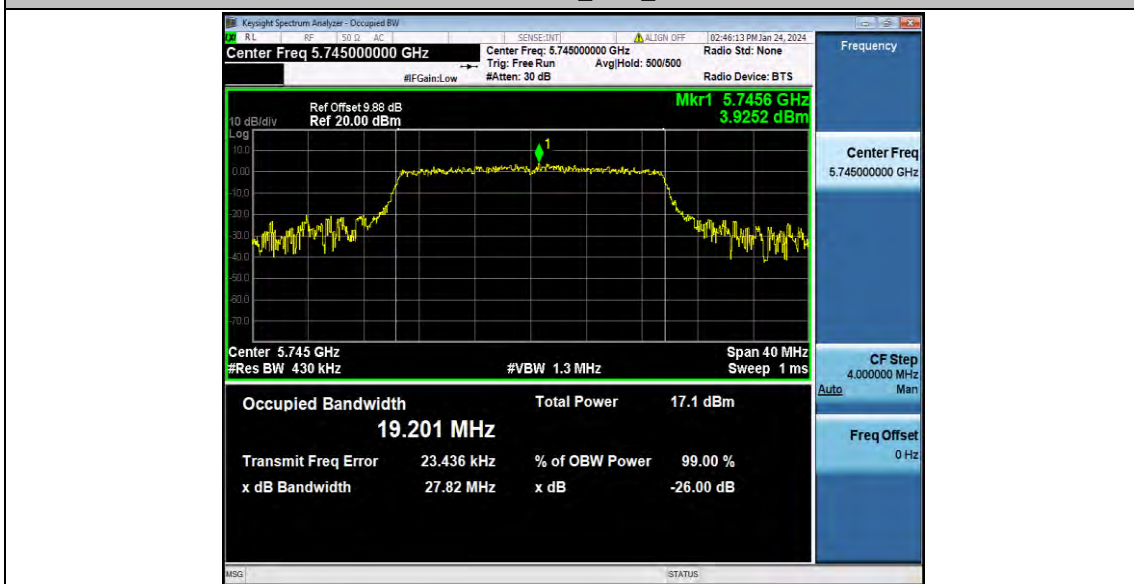
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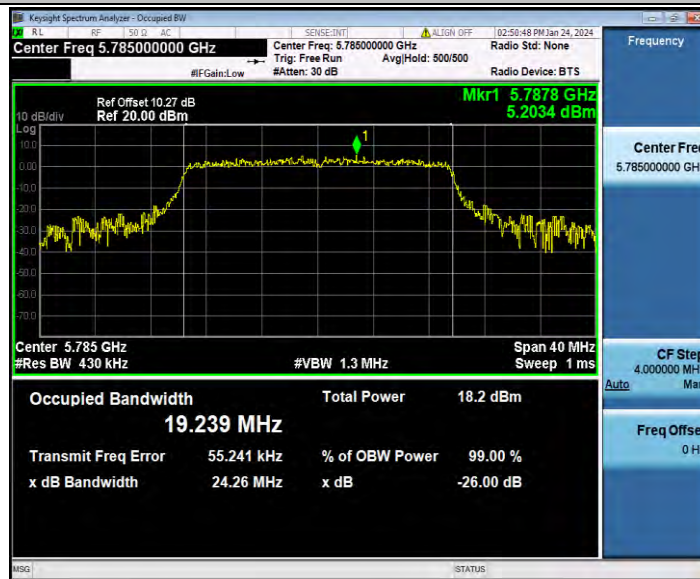
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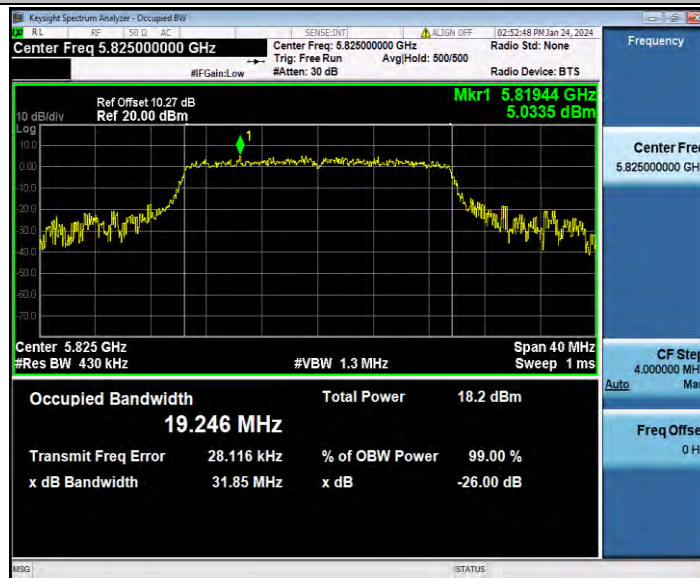
11AX20SISO_Ant0_5745



11AX20SISO_Ant0_5785



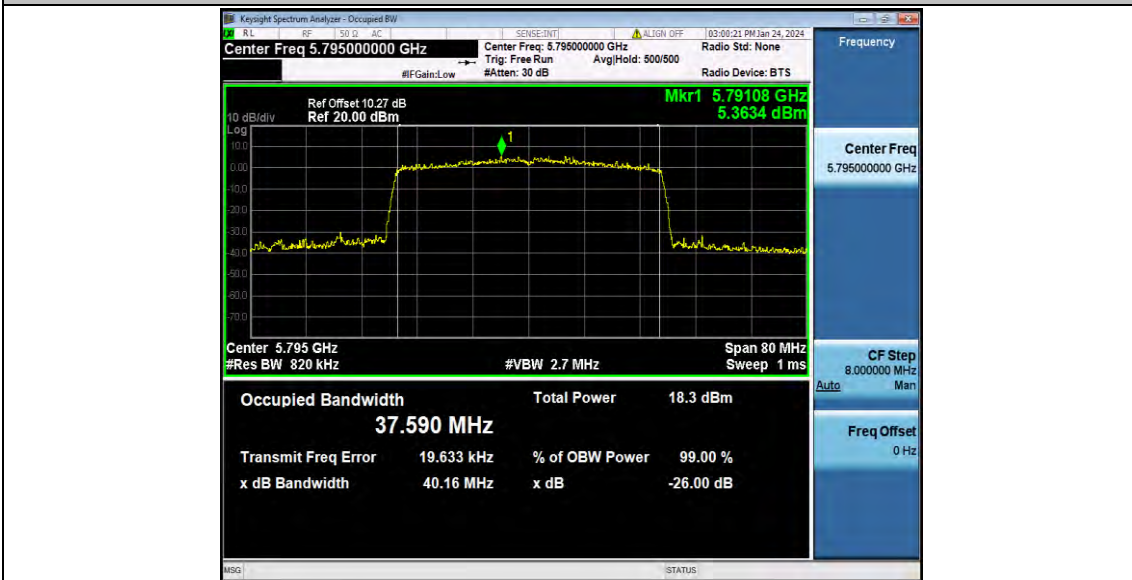
11AX20SISO_Ant0_5825



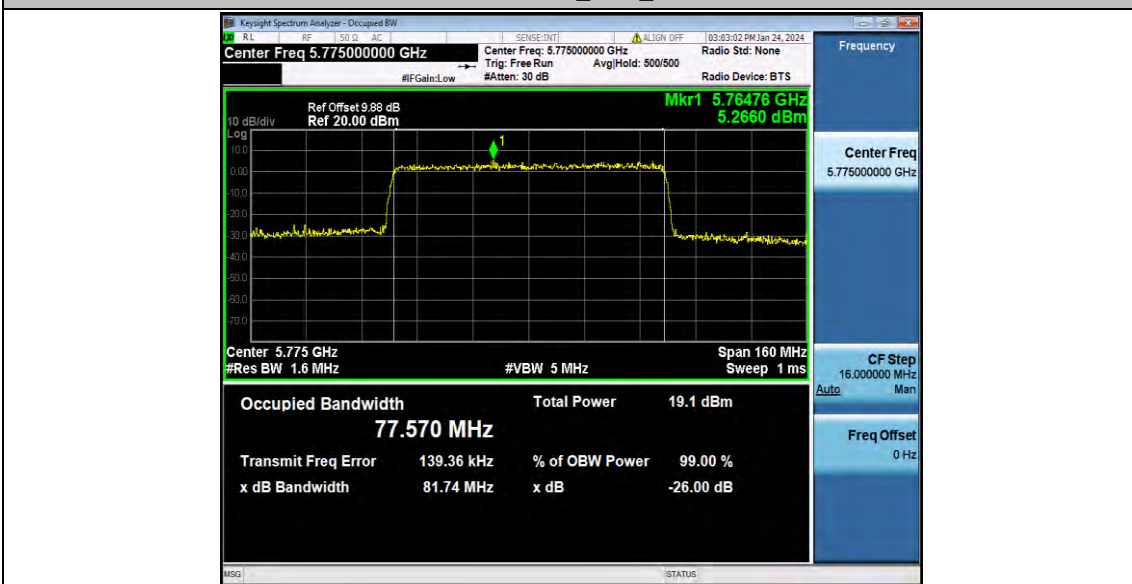
11AX40SISO_Ant0_5755



11AX40SISO_Ant0_5795



11AX80SISO_Ant0_5775

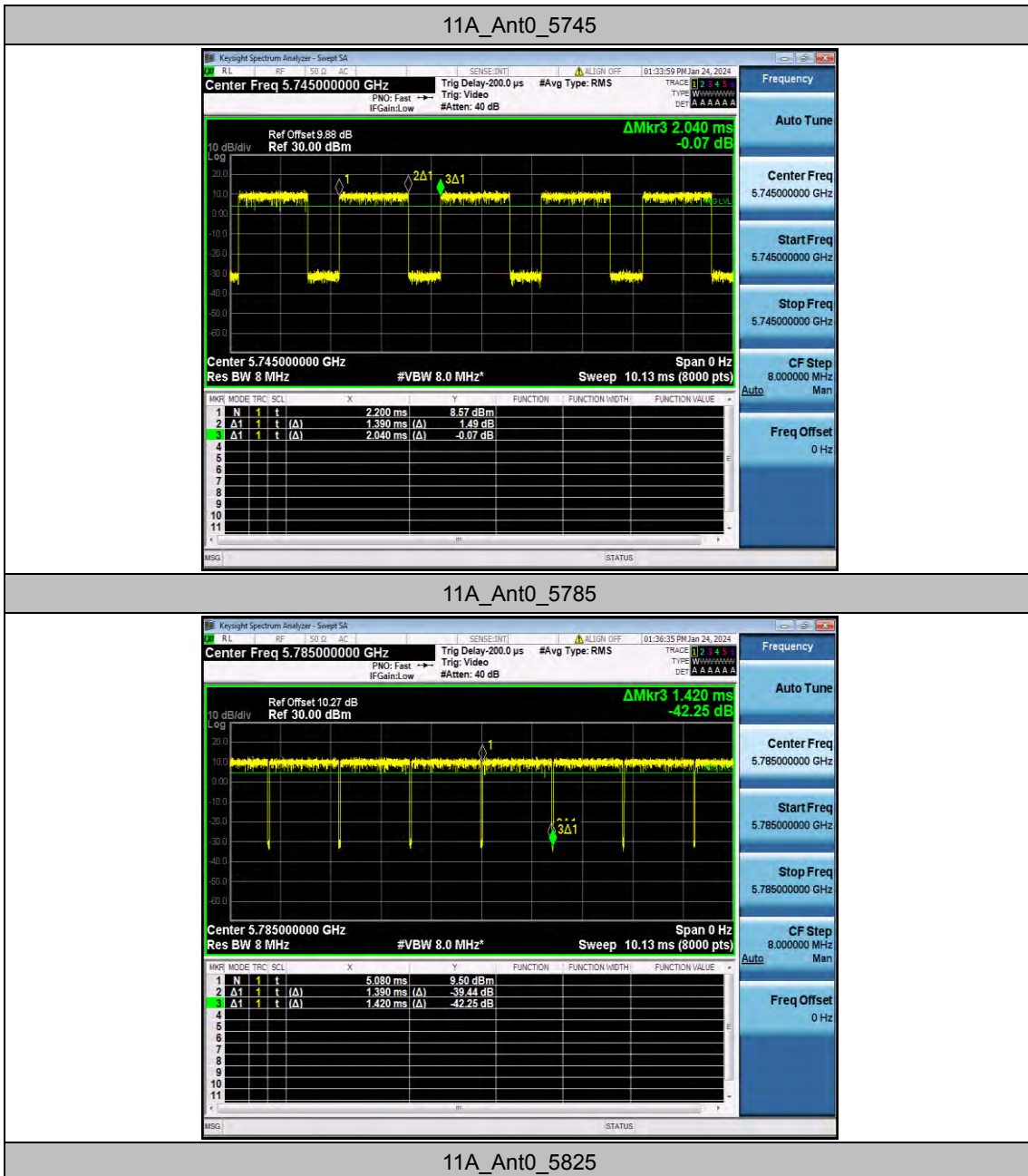


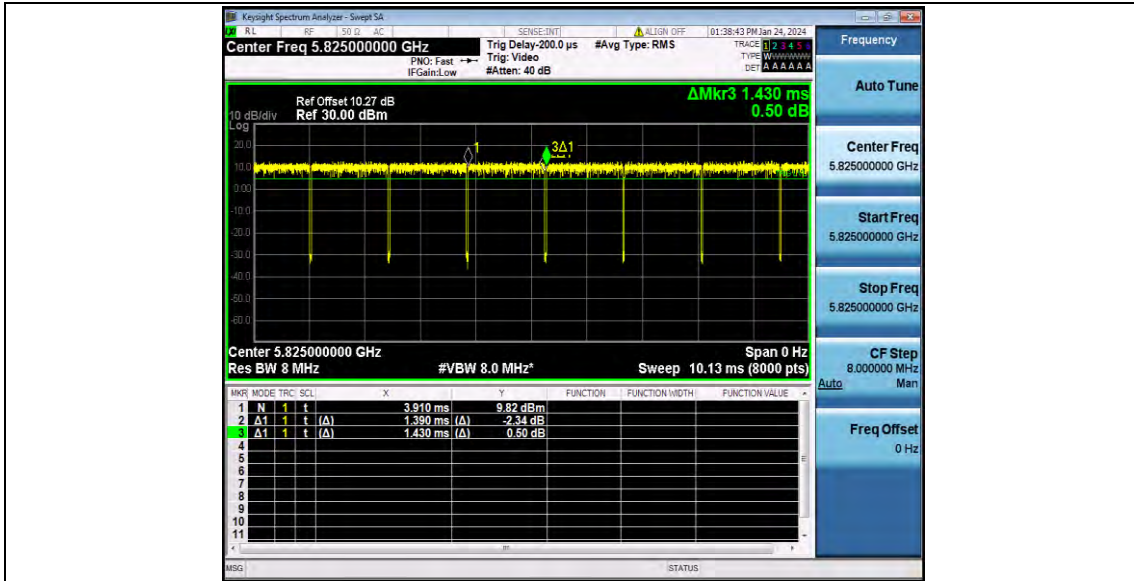
Appendix G.3: Duty Cycle

Test Result

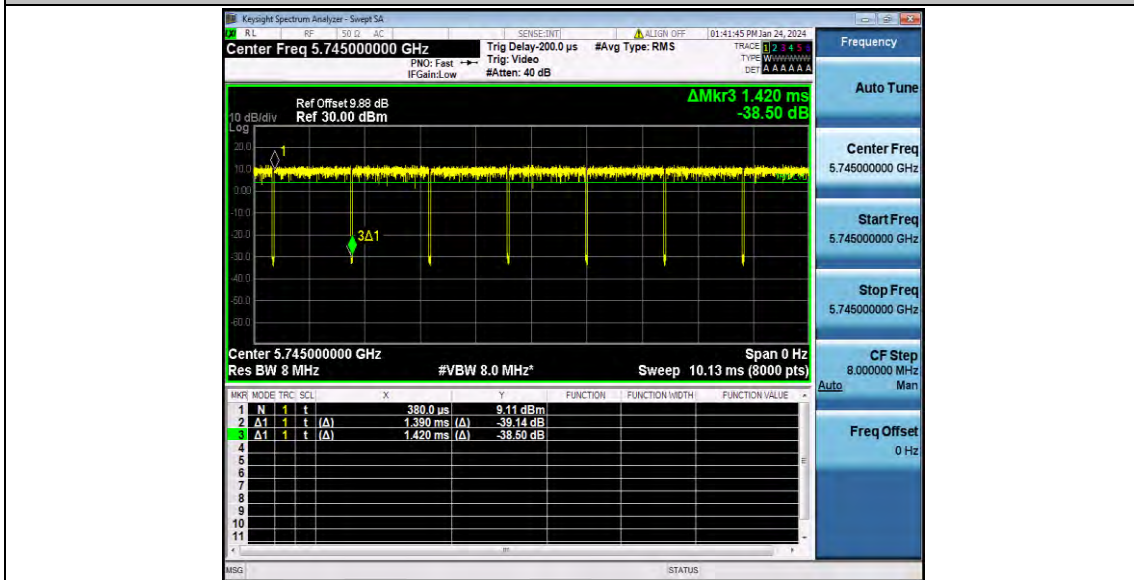
TestMode	Antenna	Freq(MHz)	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	Duty Cycle Factor[dB]	1/T Factor[KHz]
11A	Ant0	5745	1.39	2.04	68.14	1.67	0.72
		5785	1.39	1.42	97.89	0.09	0.72
		5825	1.39	1.43	97.20	0.12	0.72
11N20SISO	Ant0	5745	1.39	1.42	97.89	0.09	0.72
		5785	1.39	1.43	97.20	0.12	0.72
		5825	1.40	1.43	97.90	0.09	0.71
11N40SISO	Ant0	5755	0.65	0.68	95.59	0.20	1.54
		5795	0.65	0.69	94.20	0.26	1.54
11AC20SISO	Ant0	5745	1.31	1.35	97.04	0.13	0.76
		5785	1.31	1.34	97.76	0.10	0.76
		5825	1.31	1.35	97.04	0.13	0.76
11AC40SISO	Ant0	5755	0.65	0.68	95.59	0.20	1.54
		5795	0.65	0.69	94.20	0.26	1.54
11AC80SISO	Ant0	5775	0.32	0.36	88.89	0.51	3.13
11AX20SISO	Ant0	5745	1.02	1.05	97.14	0.13	0.98
		5785	1.01	1.05	96.19	0.17	0.99
		5825	1.01	1.05	96.19	0.17	0.99
11AX40SISO	Ant0	5755	0.54	0.57	94.74	0.23	1.85
		5795	0.53	0.57	92.98	0.32	1.89
11AX80SISO	Ant0	5775	2.54	5.07	50.10	3.00	0.39

Test Graphs

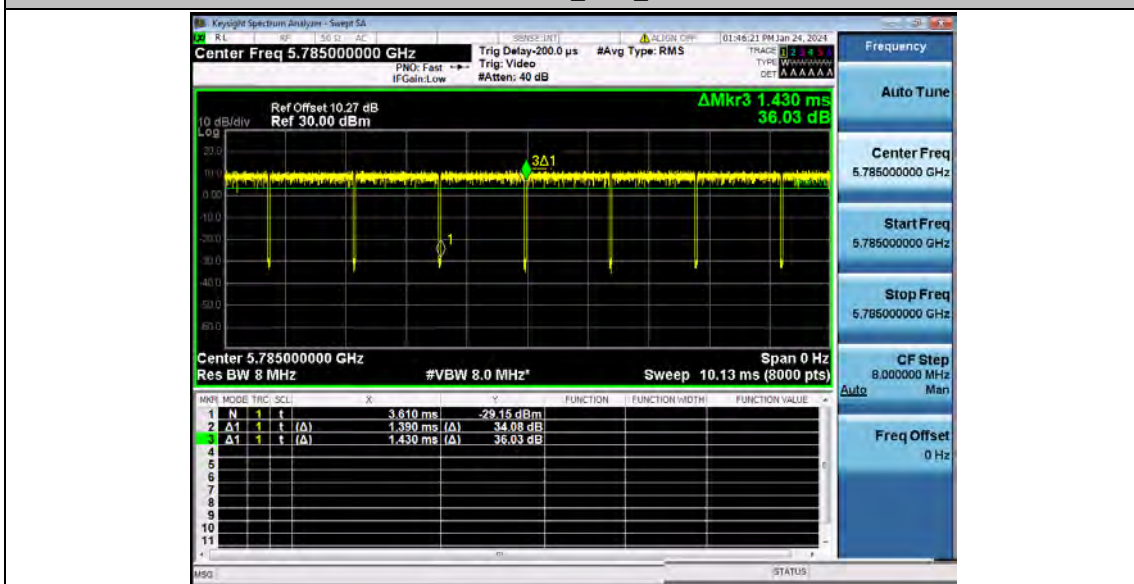




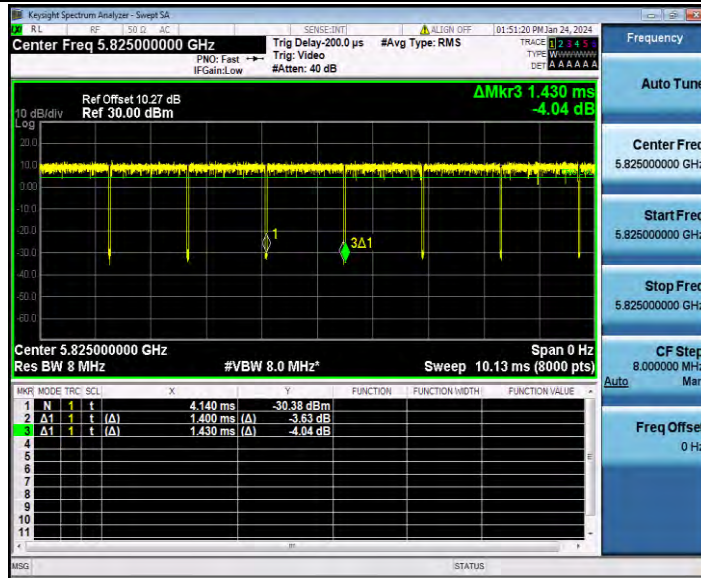
11N20SISO_Ant0_5745



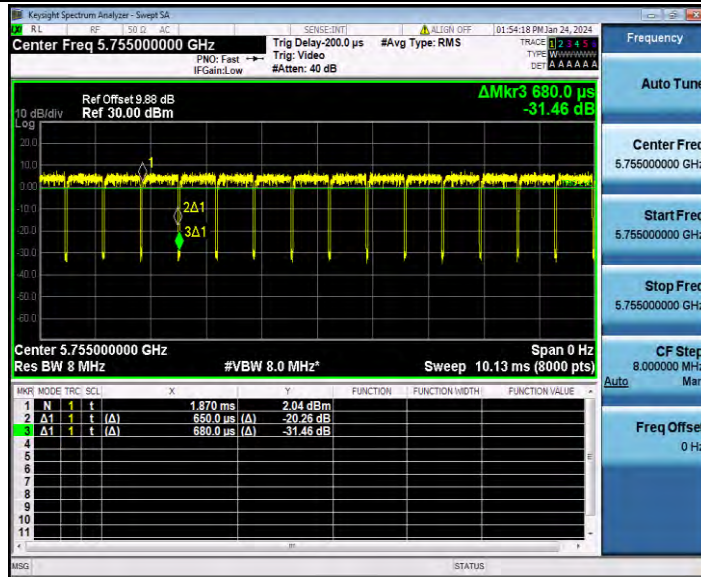
11N20SISO_Ant0_5785



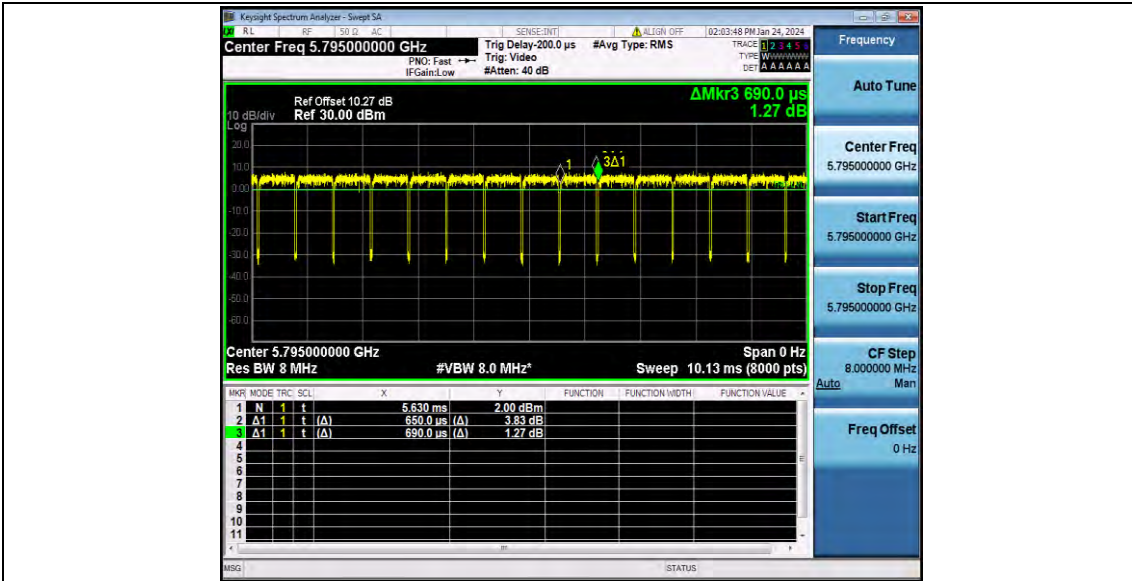
11N20SISO_Ant0_5825



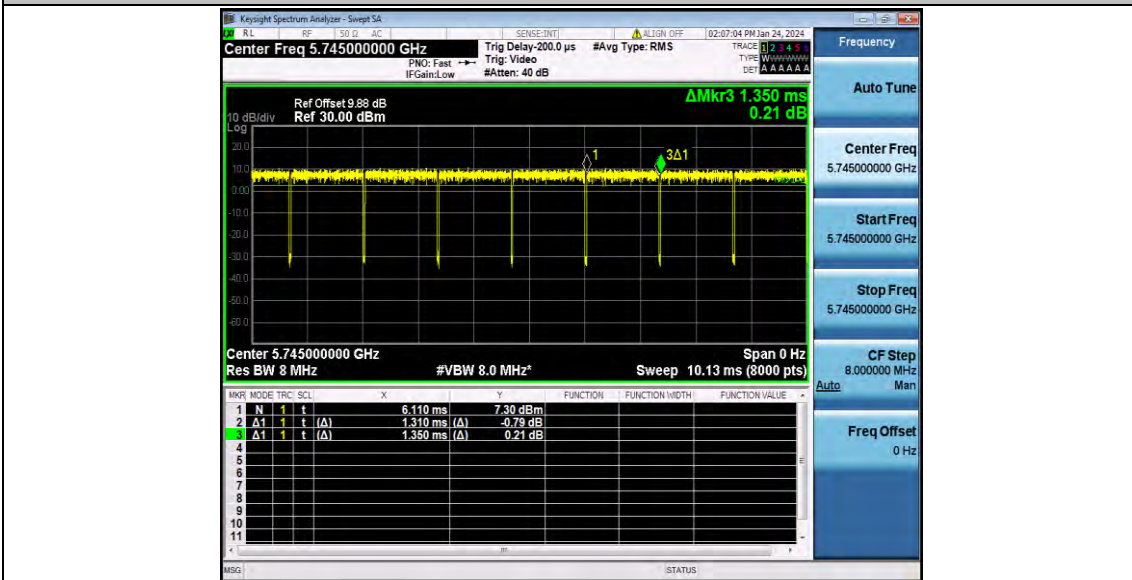
11N40SISO_Ant0_5755



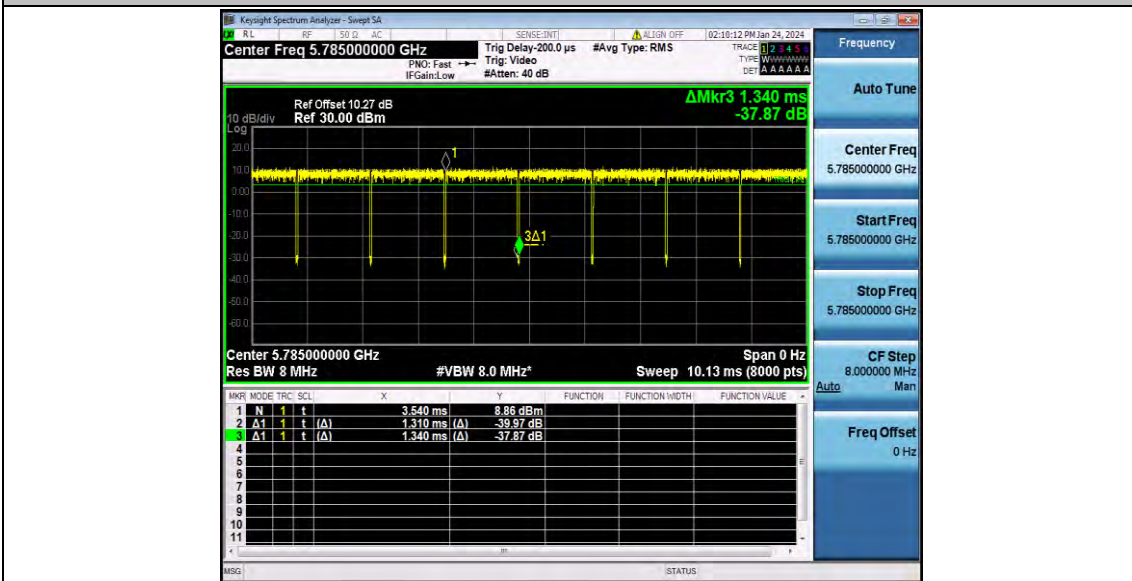
11N40SISO_Ant0_5795



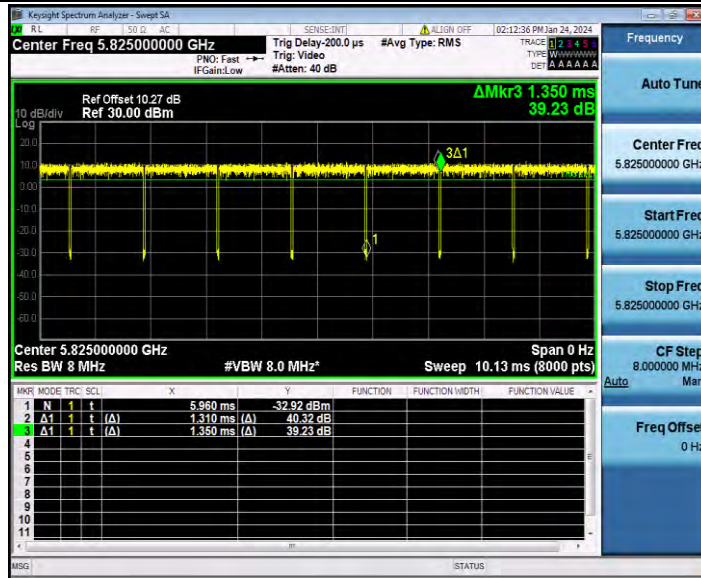
11AC20SISO_Ant0_5745



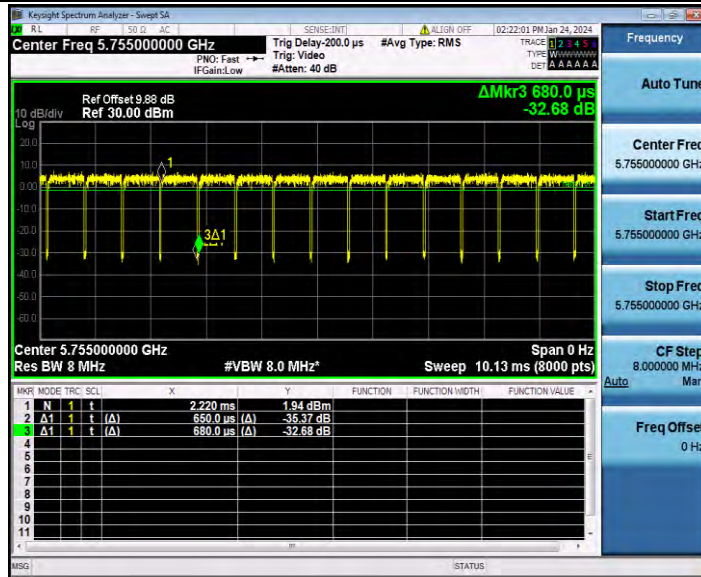
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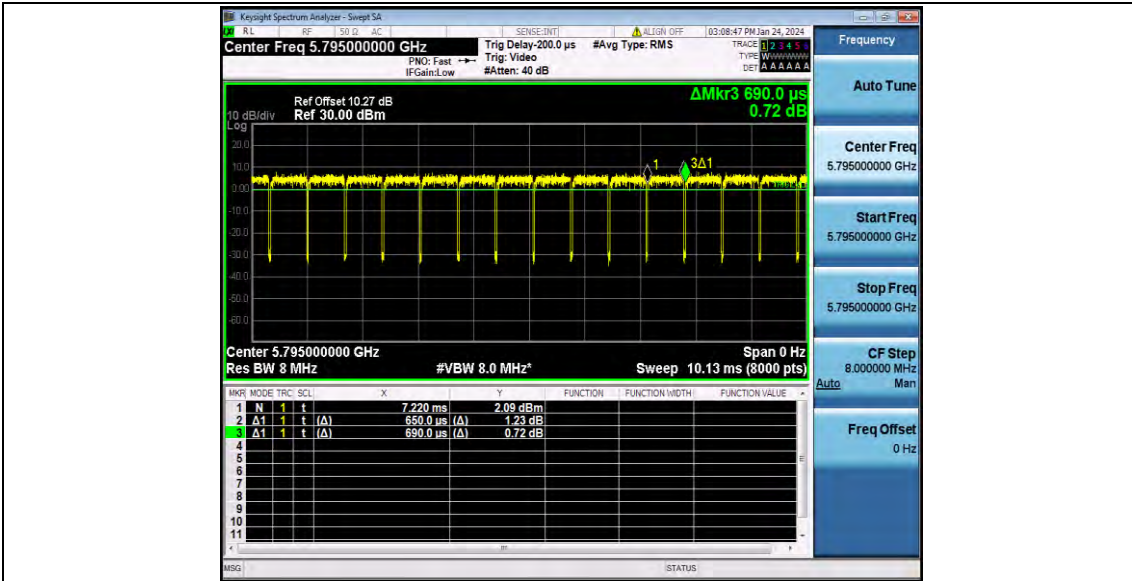
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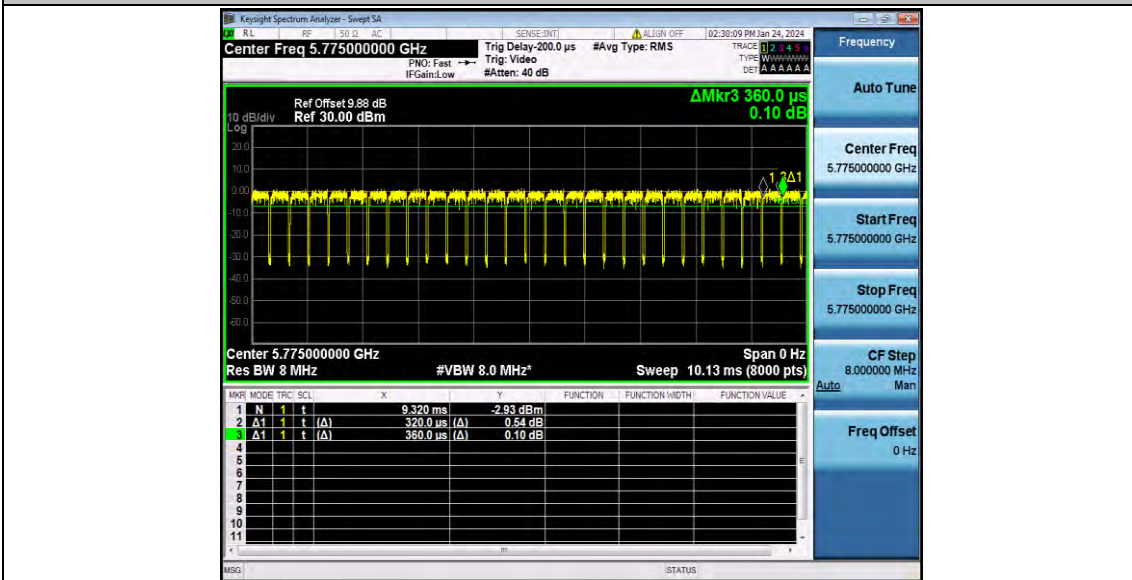
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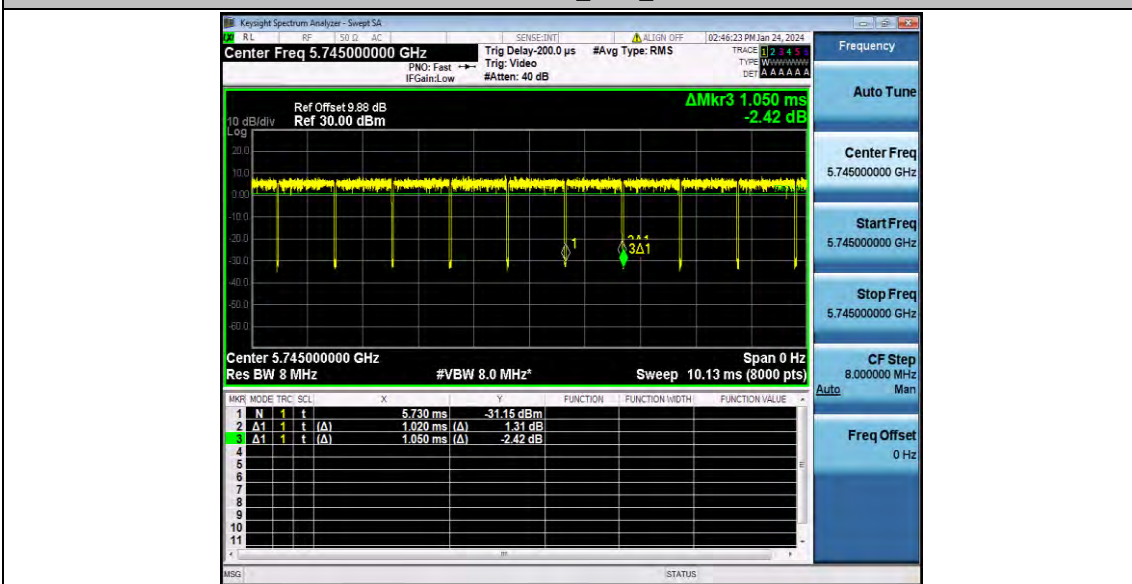
11AC40SISO_Ant0_5795



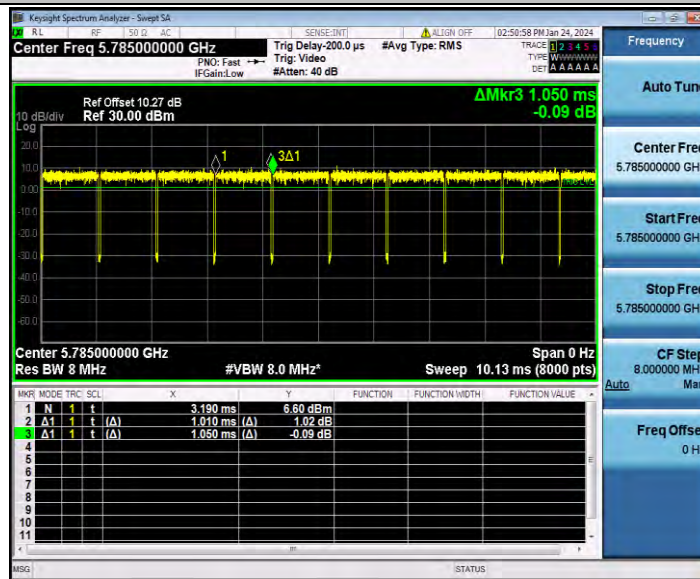
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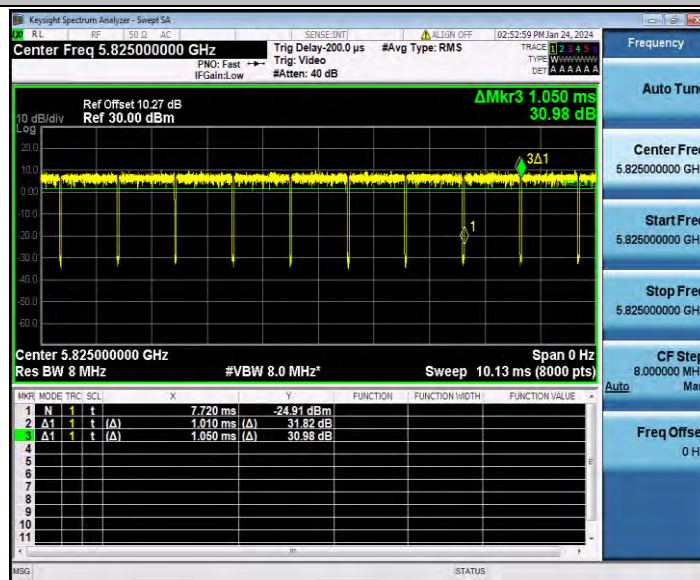
11AX20SISO_Ant0_5745



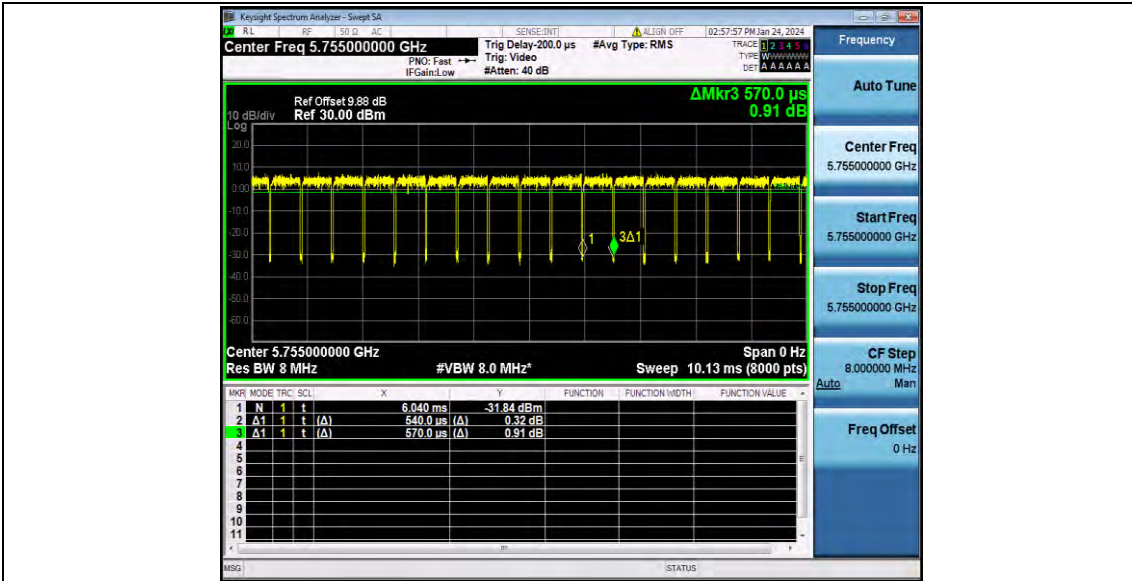
11AX20SISO_Ant0_5785



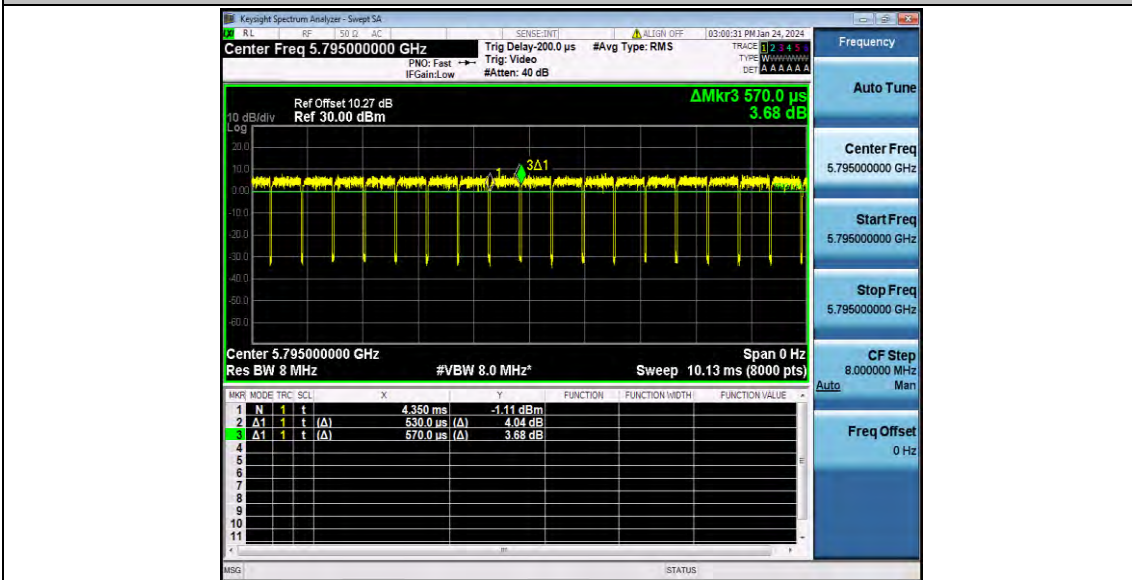
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11AX40SISO_Ant0_5755



11AX40SISO_Ant0_5795



11AX80SISO_Ant0_5775

