

Case No. : <u>GTS20230704026-1-23</u>
Ambient Condition: <u>23</u> °C, <u>49</u> %RH, Atmos100.1Kpa,
Test Date: <u>2023.7.29</u> Test Engineer: <u>Evan Ouyang</u>

Appendix G.1: Occupied channel bandwidth

Test Result

Test Mode	Antenna	Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant0	5745	17.943	5735.944	5753.887	---	---
		5785	17.711	5776.068	5793.779	---	---
		5825	18.035	5815.998	5834.033	---	---
11N20SISO	Ant0	5745	20.244	5734.832	5755.076	---	---
		5785	19.651	5775.121	5794.772	---	---
		5825	20.451	5814.954	5835.405	---	---
11N40SISO	Ant0	5755	36.008	5737.038	5773.046	---	---
		5795	35.976	5777.046	5813.022	---	---
11AC20SISO	Ant0	5745	18.863	5735.511	5754.374	---	---
		5785	18.750	5775.599	5794.349	---	---
		5825	18.803	5815.643	5834.446	---	---
11AC40SISO	Ant0	5755	36.601	5736.825	5773.426	---	---
		5795	36.576	5776.796	5813.372	---	---
11AC80SISO	Ant0	5775	76.289	5737.048	5813.337	---	---
11AX20SISO	Ant0	5745	19.476	5735.260	5754.736	---	---
		5785	19.394	5775.322	5794.716	---	---
		5825	19.484	5815.285	5834.769	---	---
11AX40SISO	Ant0	5755	38.027	5736.012	5774.039	---	---
		5795	37.971	5776.030	5814.001	---	---
11AX80SISO	Ant0	5775	77.829	5736.204	5814.033	---	---

Test Graphs



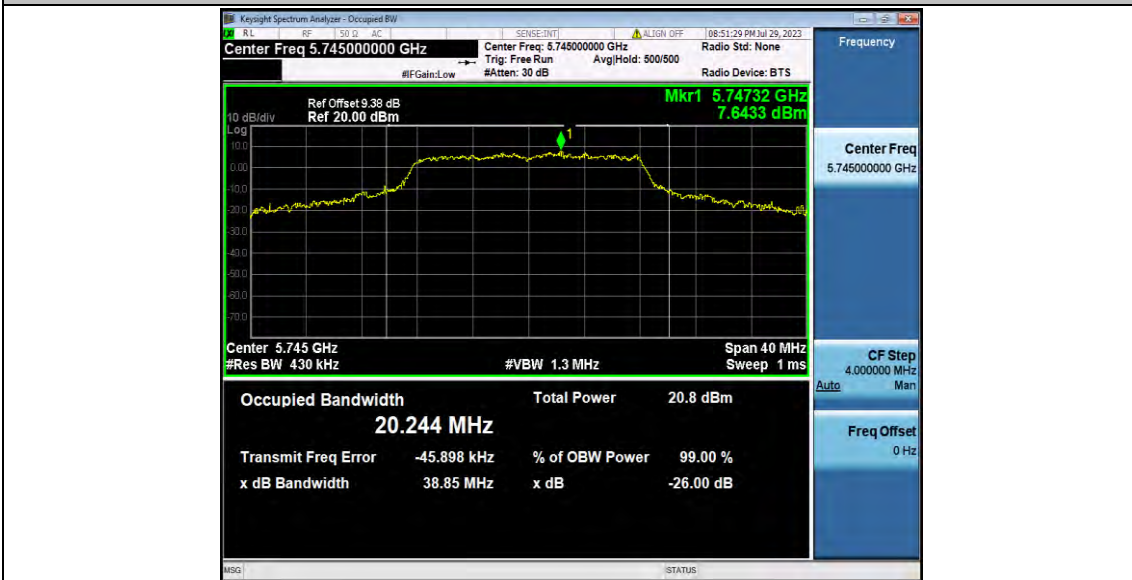
11A_Ant0_5745



11A_Ant0_5785



11A_Ant0_5825



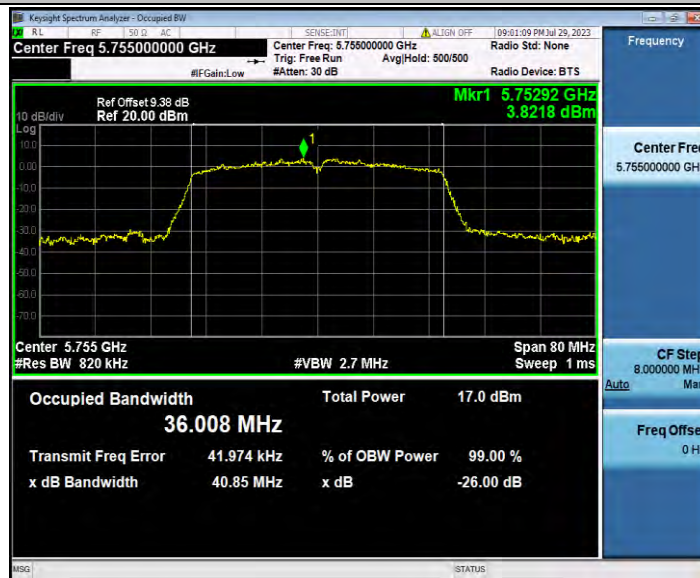
11N20SISO_Ant0_5745



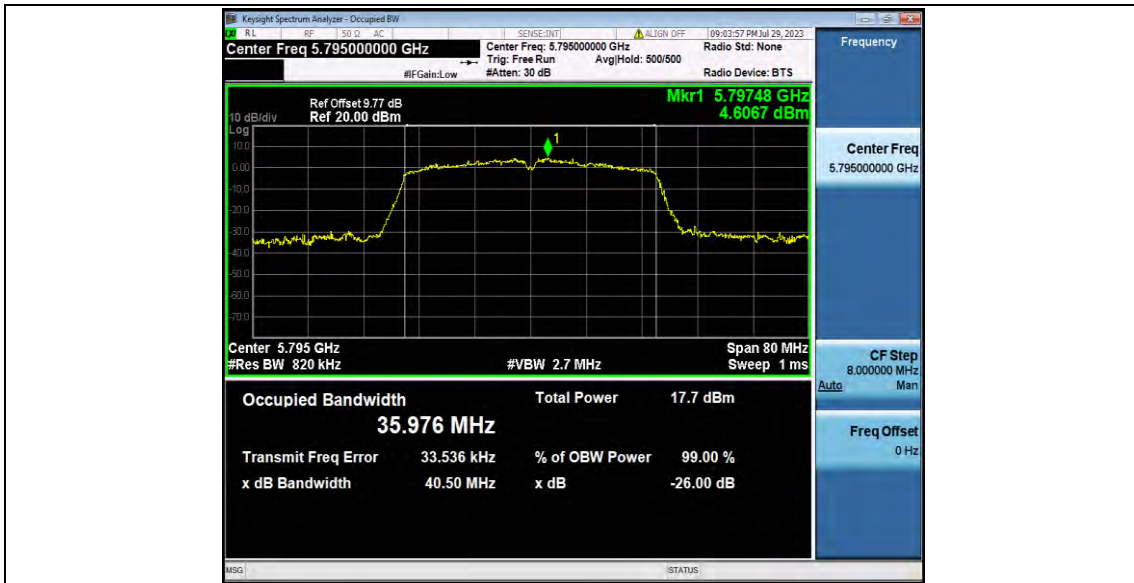
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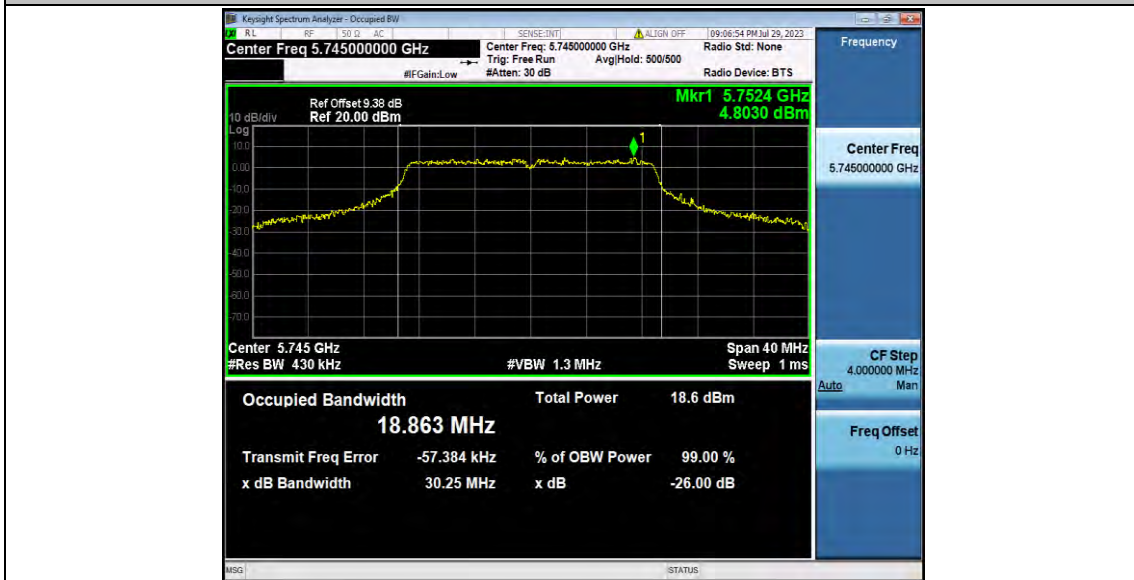
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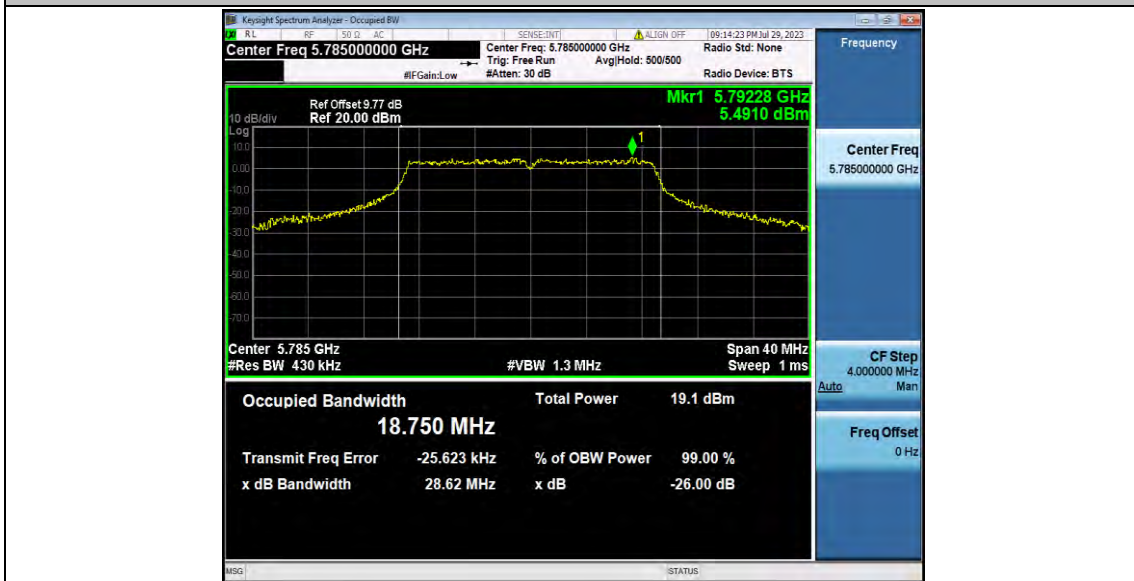
11N40SISO_Ant0_5755



11N40SISO_Ant0_5795



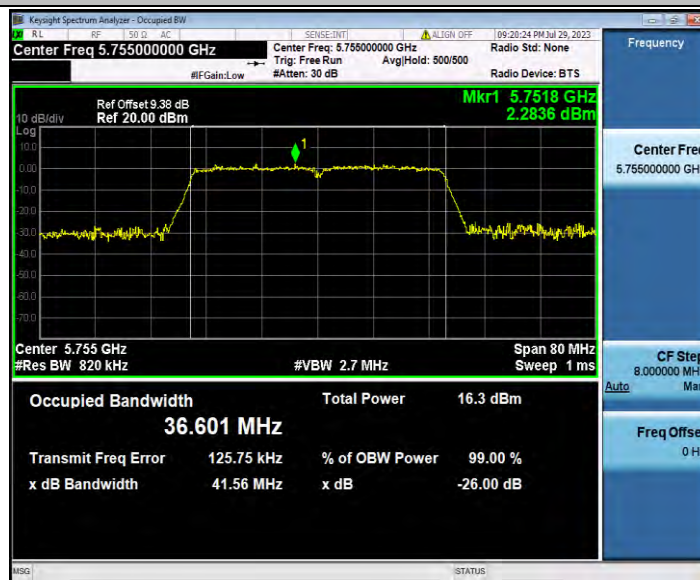
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11AC20SISO_Ant0_5785



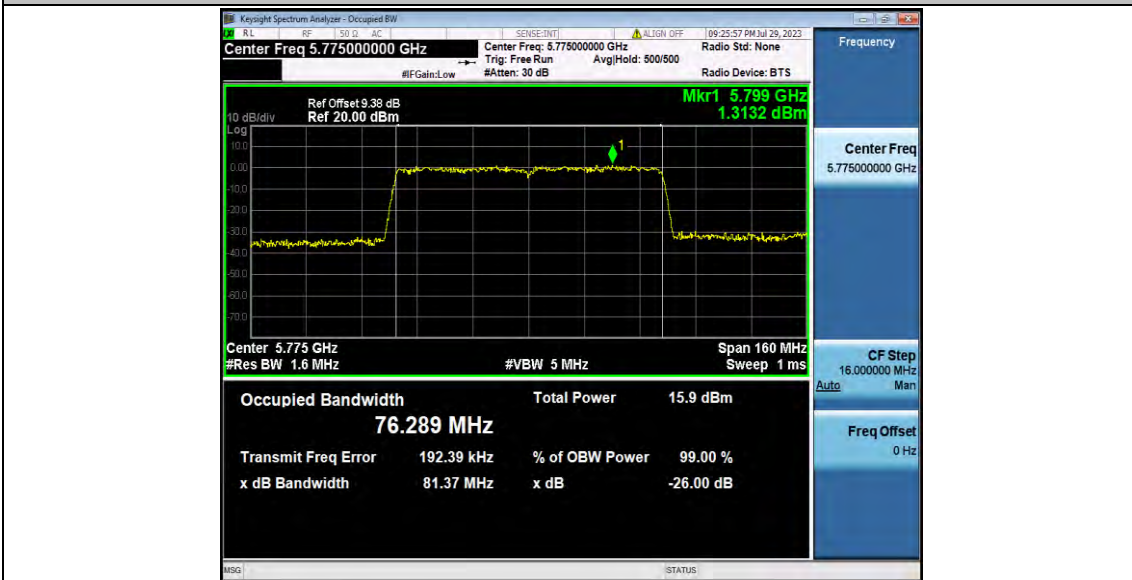
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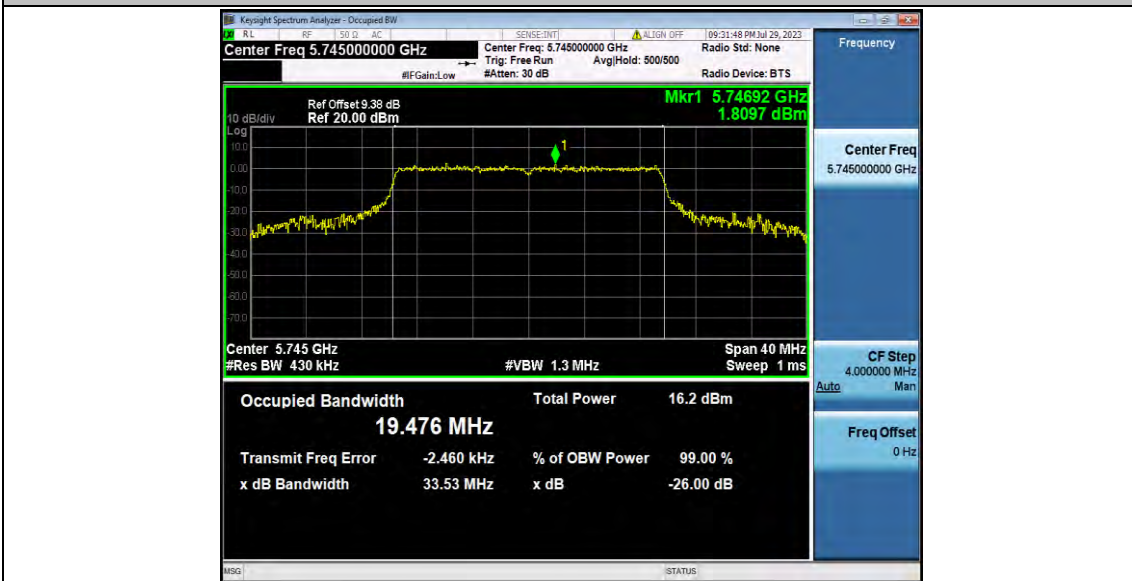
11AC40SISO_Ant0_5755



11AC40SISO_Ant0_5795



11AC80SISO_Ant0_5775



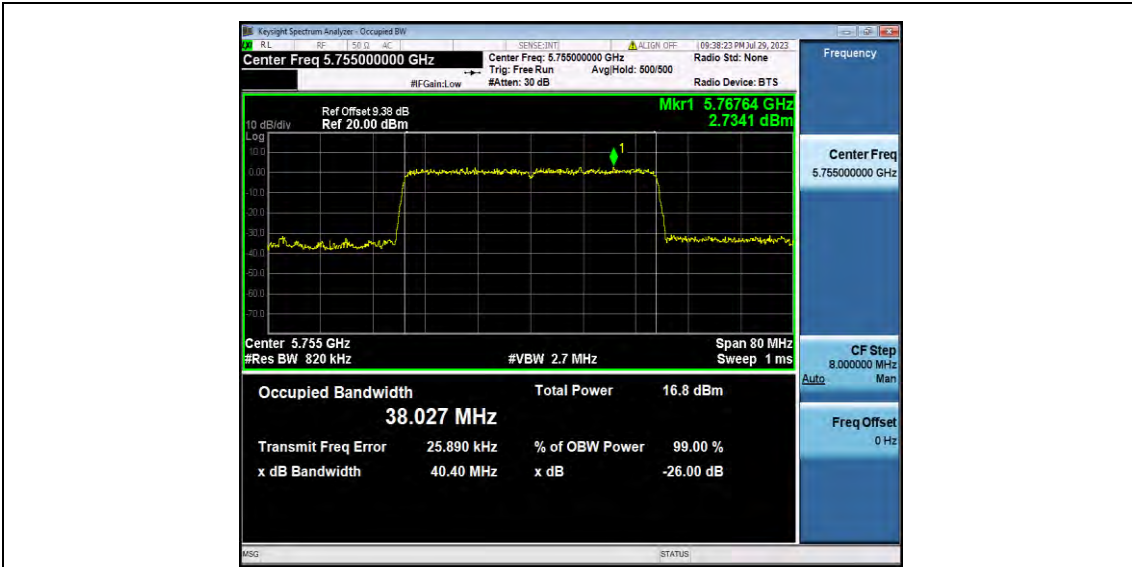
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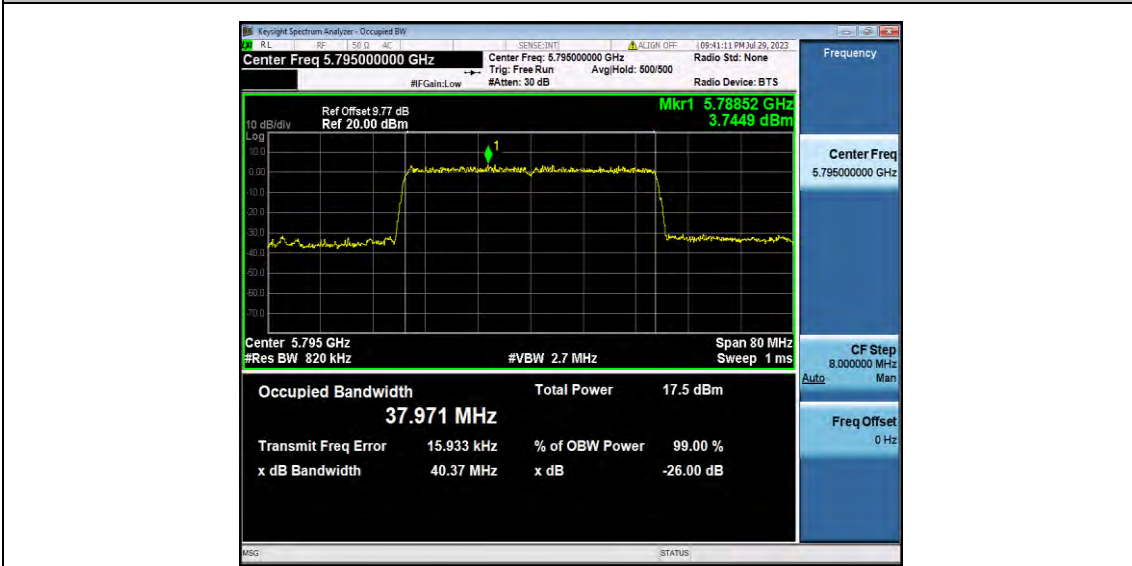
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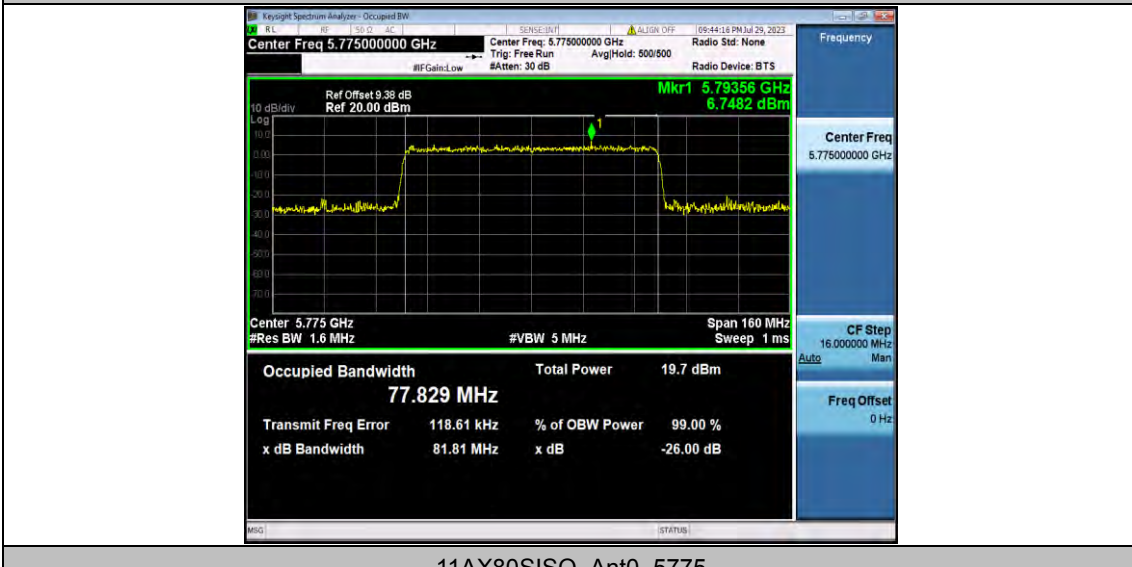
11AX20SISO_Ant0_5825



11AX40SISO_Ant0_5755



11AX40SISO_Ant0_5795



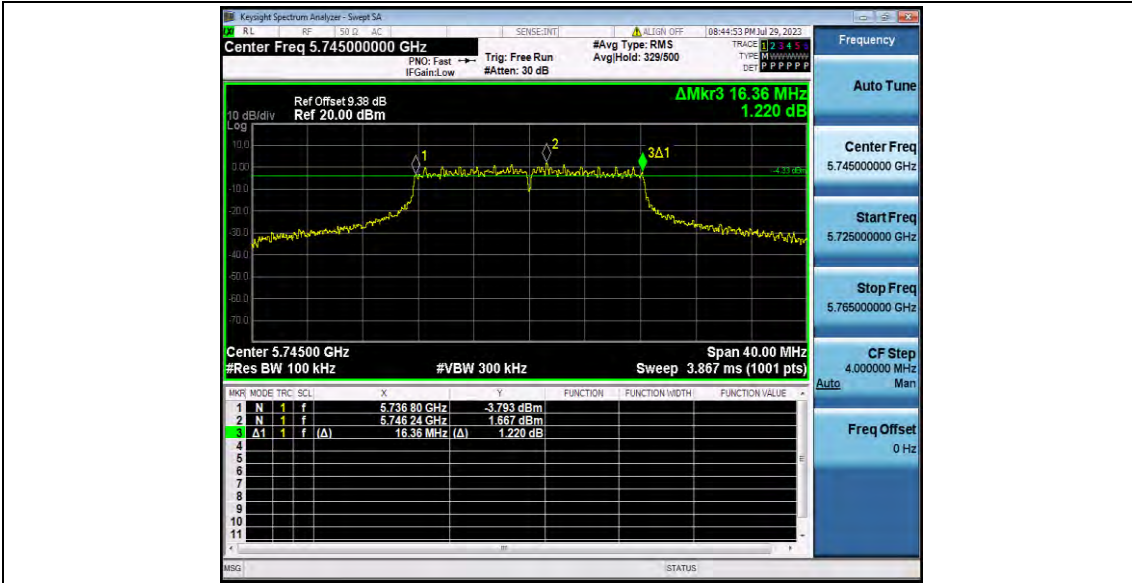
11AX80SISO_Ant0_5775

Appendix G.2: Min emission bandwidth

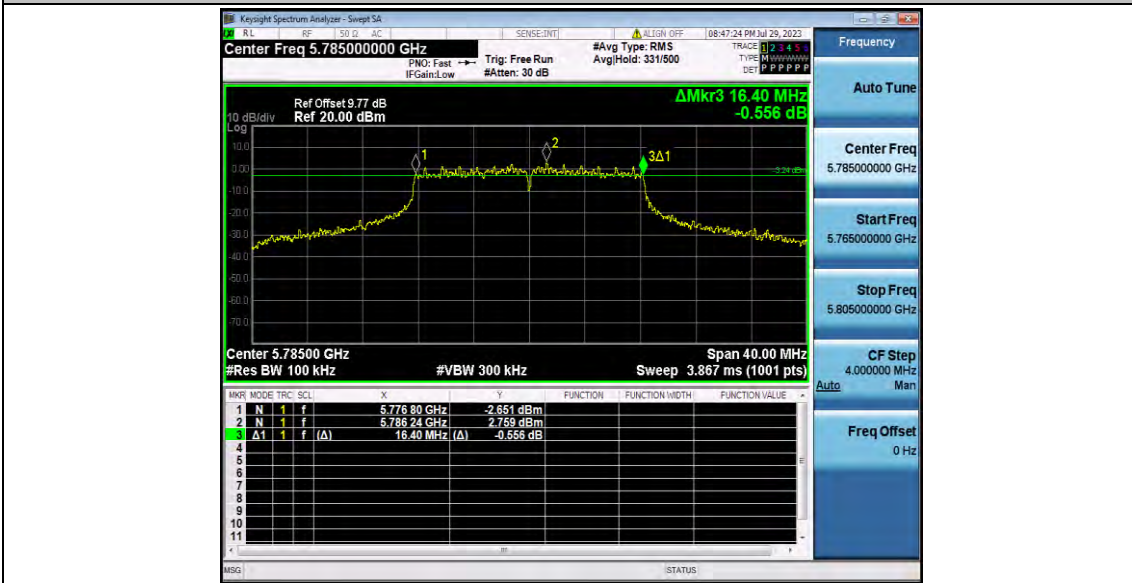
Test Result B4

Test Mode	Antenna	Frequency[MHz]	6db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant0	5745	16.360	5736.800	5753.160	0.5	PASS
		5785	16.400	5776.800	5793.200	0.5	PASS
		5825	16.320	5816.840	5833.160	0.5	PASS
11N20SISO	Ant0	5745	15.400	5737.400	5752.800	0.5	PASS
		5785	15.440	5777.400	5792.840	0.5	PASS
		5825	15.440	5817.400	5832.840	0.5	PASS
11N40SISO	Ant0	5755	35.040	5737.480	5772.520	0.5	PASS
		5795	35.040	5777.480	5812.520	0.5	PASS
11AC20SISO	Ant0	5745	17.720	5736.120	5753.840	0.5	PASS
		5785	17.680	5776.160	5793.840	0.5	PASS
		5825	17.680	5816.160	5833.840	0.5	PASS
11AC40SISO	Ant0	5755	36.240	5736.840	5773.080	0.5	PASS
		5795	36.320	5776.840	5813.160	0.5	PASS
11AC80SISO	Ant0	5775	76.320	5736.920	5813.240	0.5	PASS
11AX20SISO	Ant0	5745	19.080	5735.480	5754.560	0.5	PASS
		5785	19.080	5775.480	5794.560	0.5	PASS
		5825	19.080	5815.440	5834.520	0.5	PASS
11AX40SISO	Ant0	5755	38.000	5736.040	5774.040	0.5	PASS
		5795	38.080	5775.960	5814.040	0.5	PASS
11AX80SISO	Ant0	5775	77.920	5736.120	5814.040	0.5	PASS

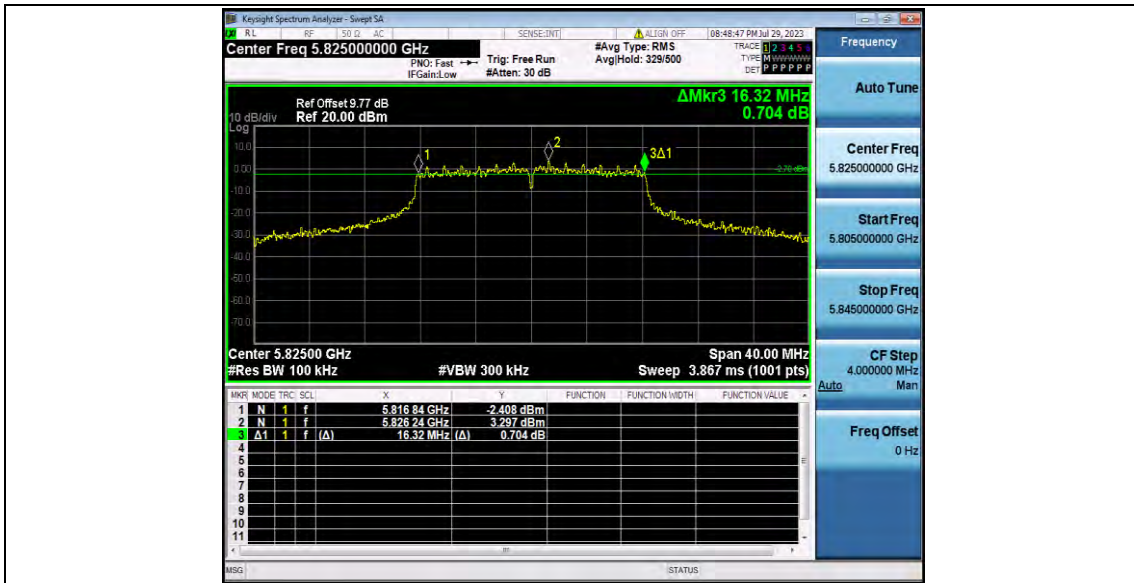
Test Graphs B4



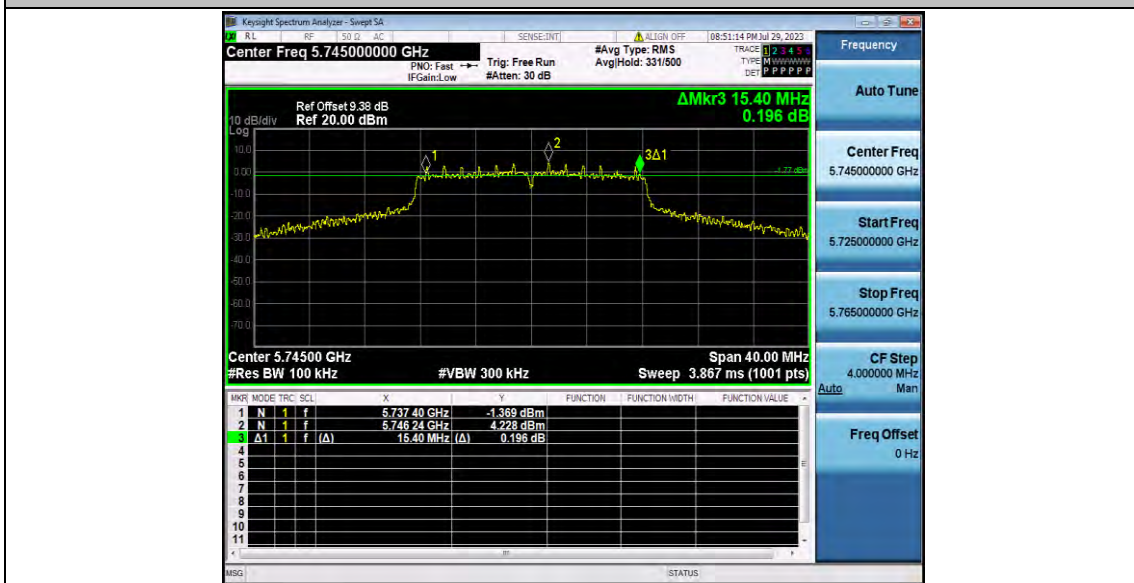
11A_Ant0_5745



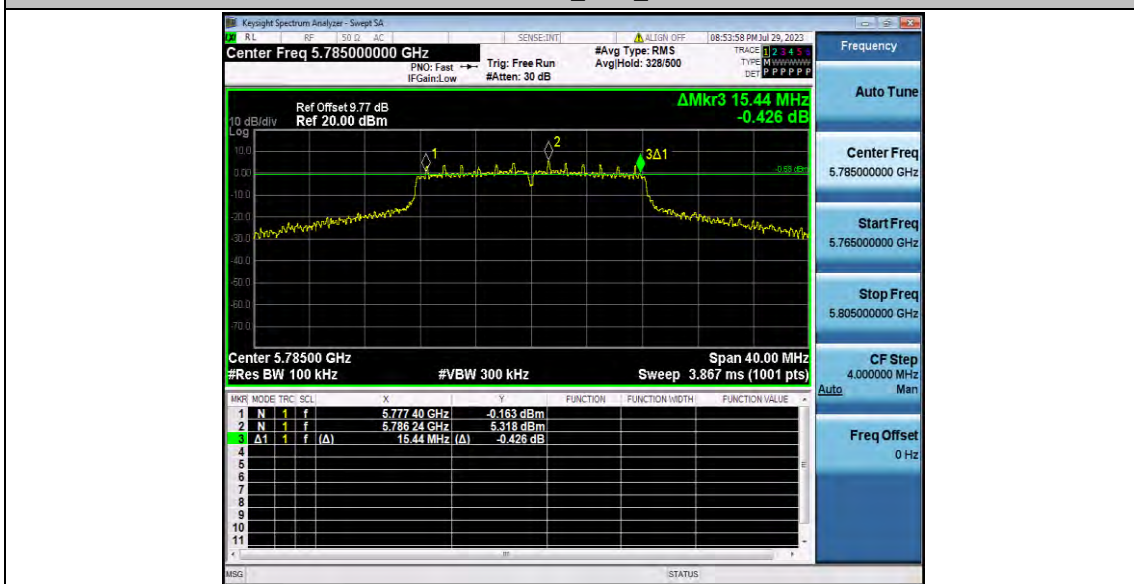
11A_Ant0_5785



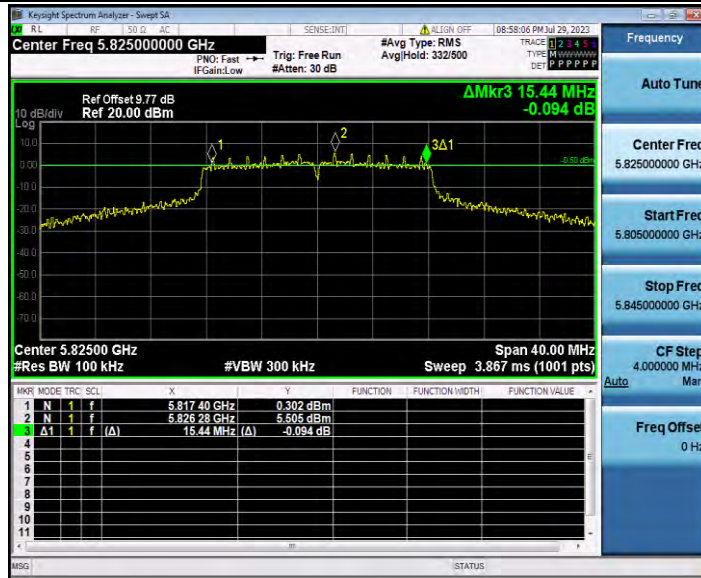
11A_Ant0_5825



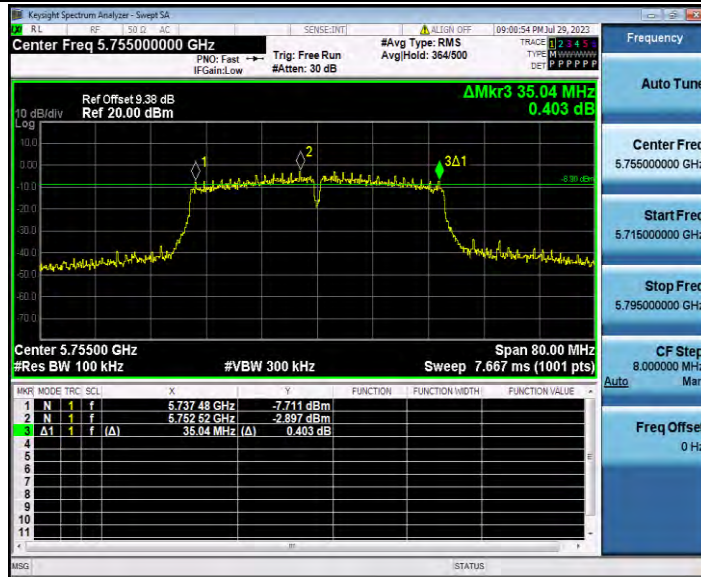
11N20SISO_Ant0_5745



11N20SISO_Ant0_5785



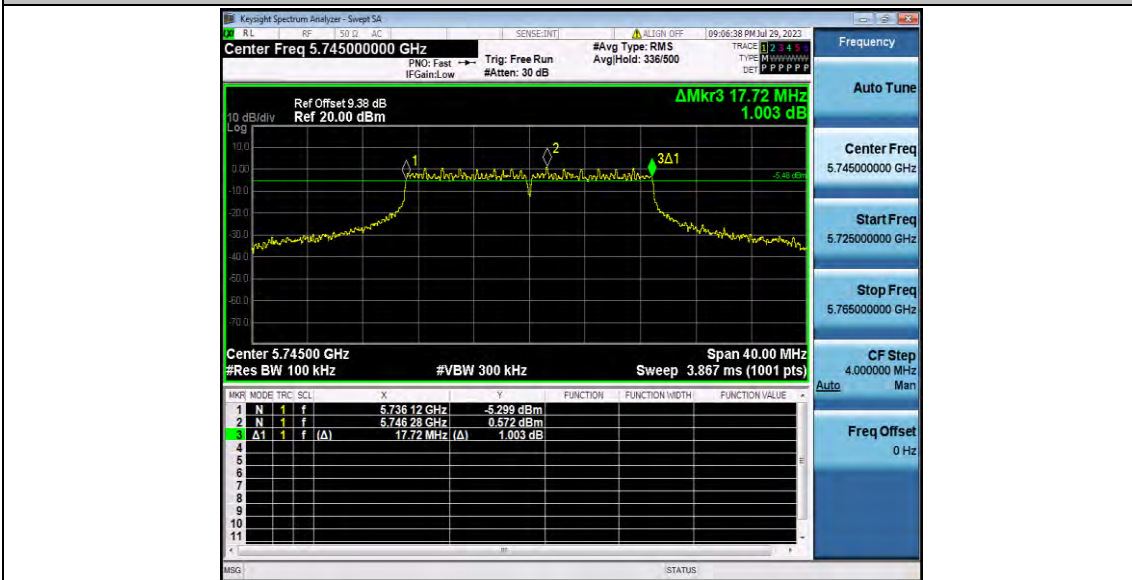
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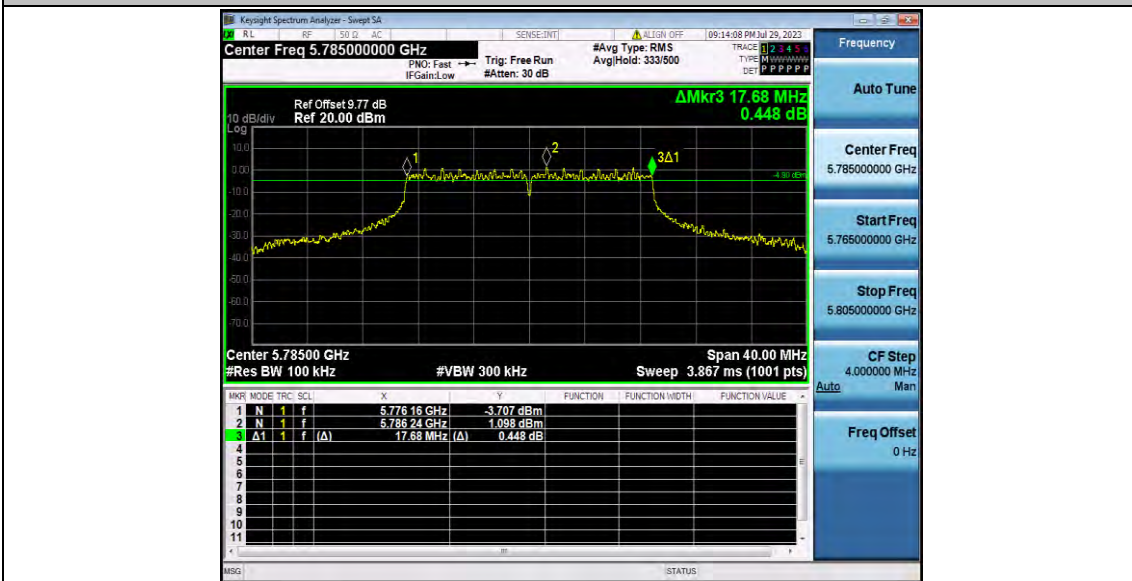
11N40SISO_Ant0_5755



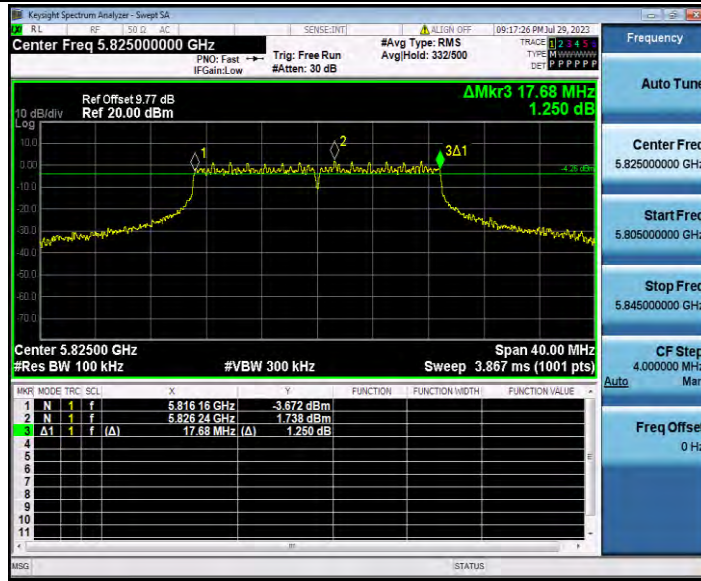
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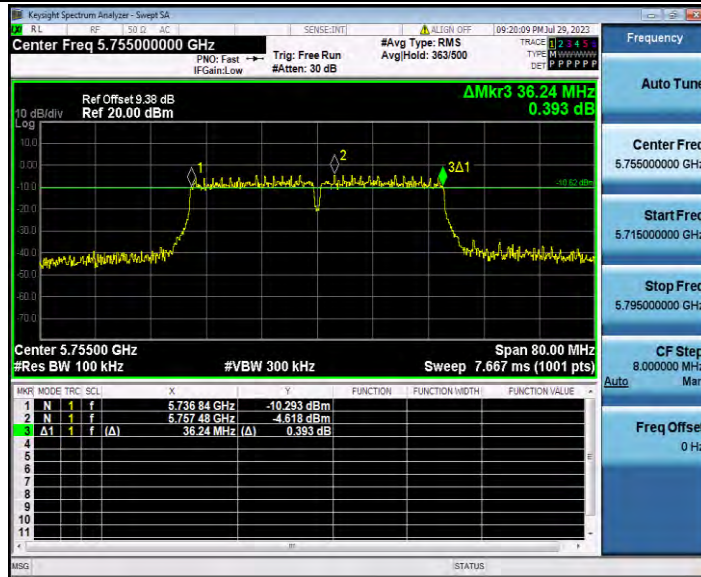
11AC20SISO_Ant0_5745



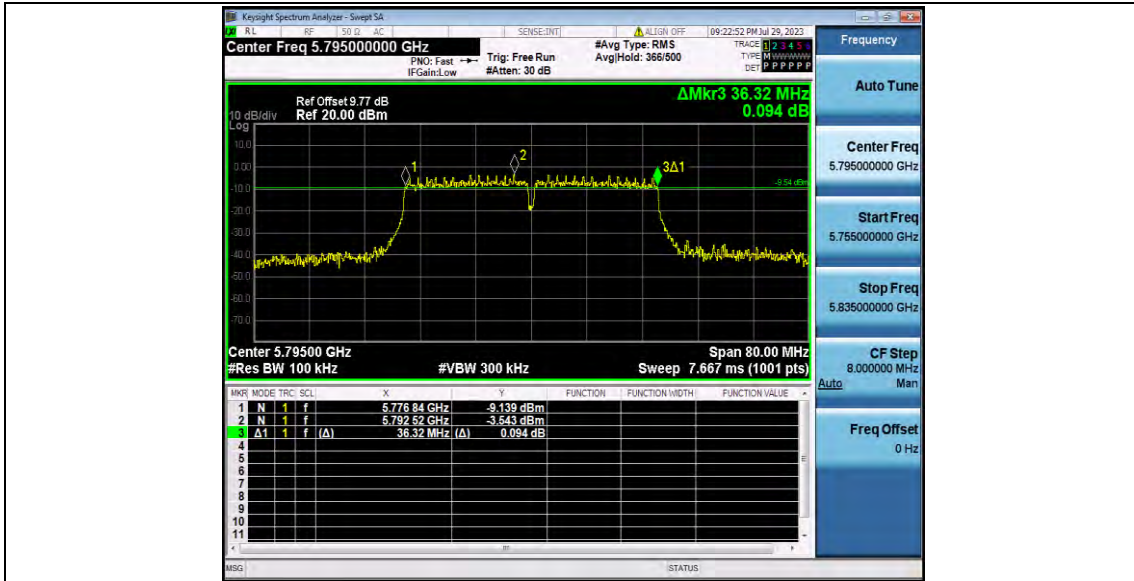
11AC20SISO_Ant0_5785



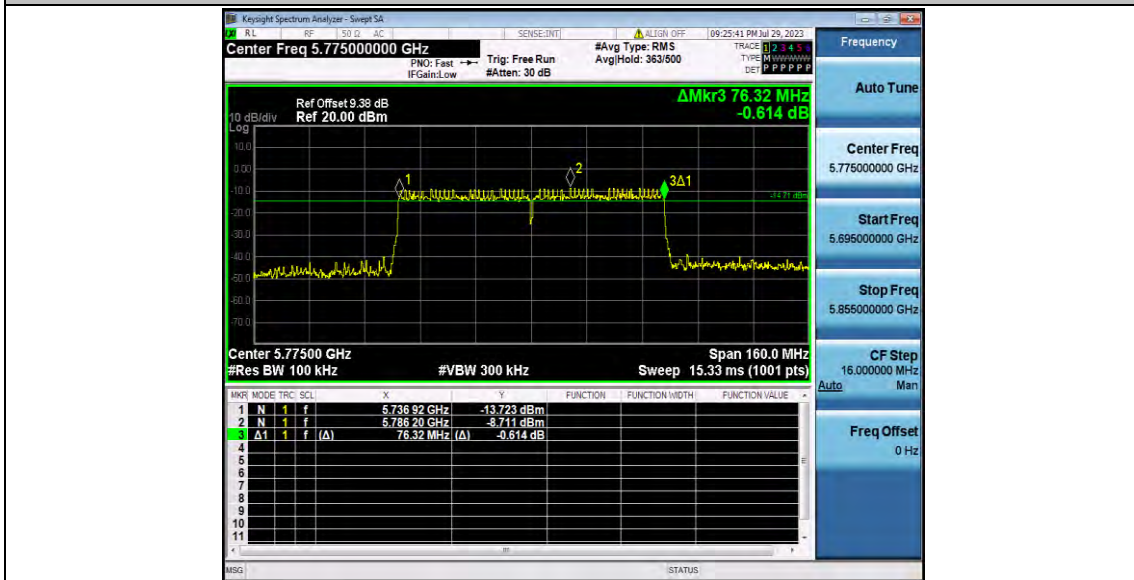
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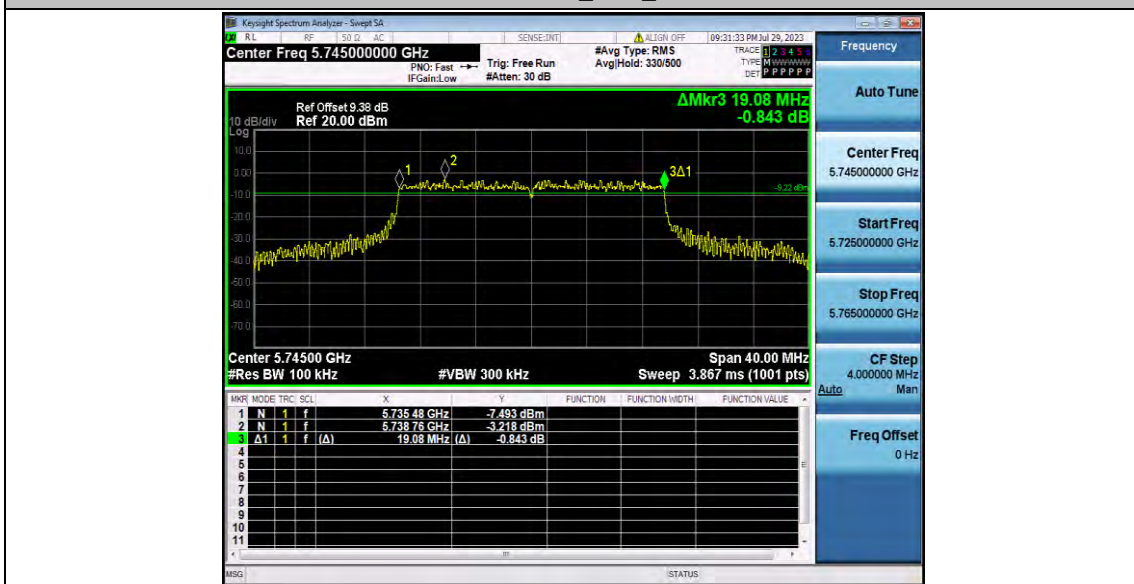
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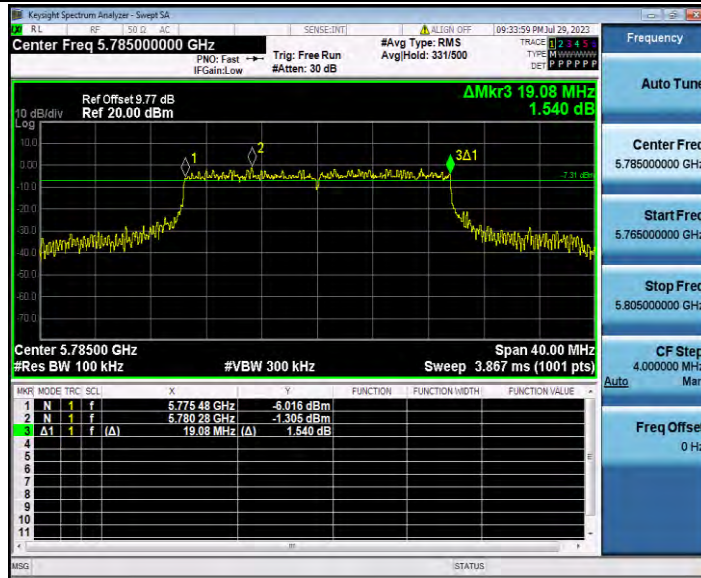
11AC40SISO_Ant0_5795



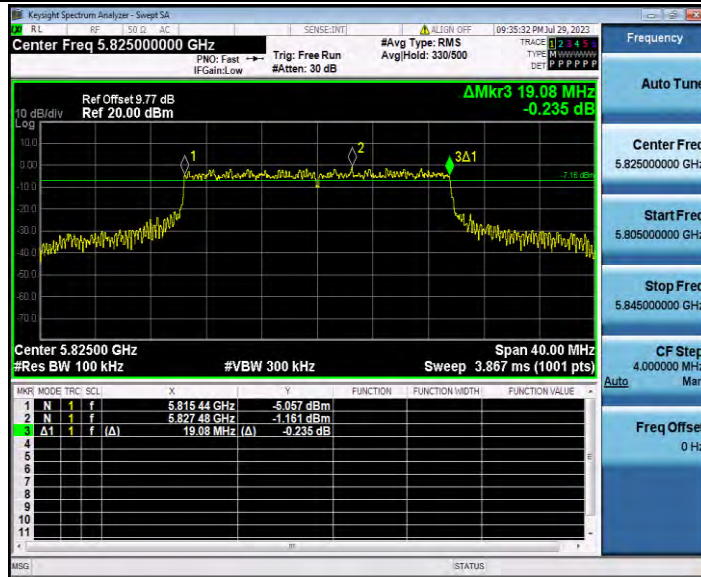
11AC80SISO_Ant0_5775



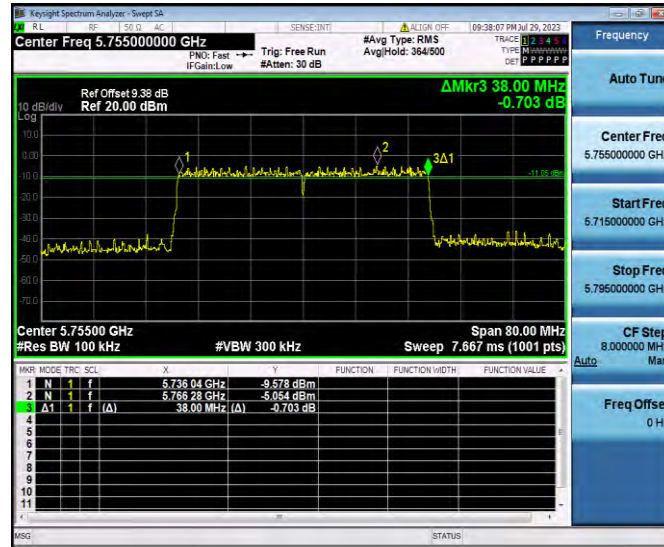
11AX20SISO_Ant0_5745



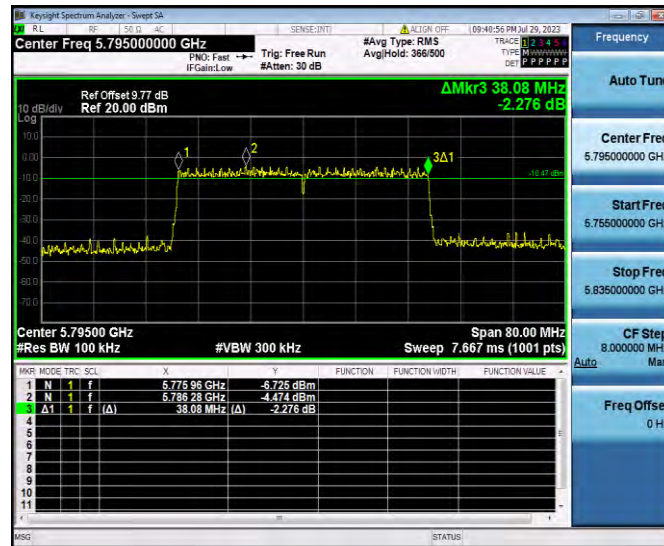
11AX20SISO_Ant0_5785



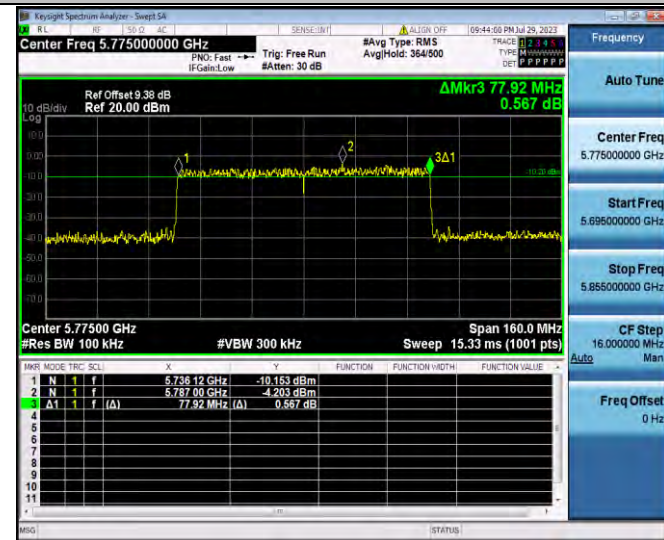
11AX20SISO_Ant0_5825



11AX40SISO_Ant0_5755



11AX40SISO_Ant0_5795



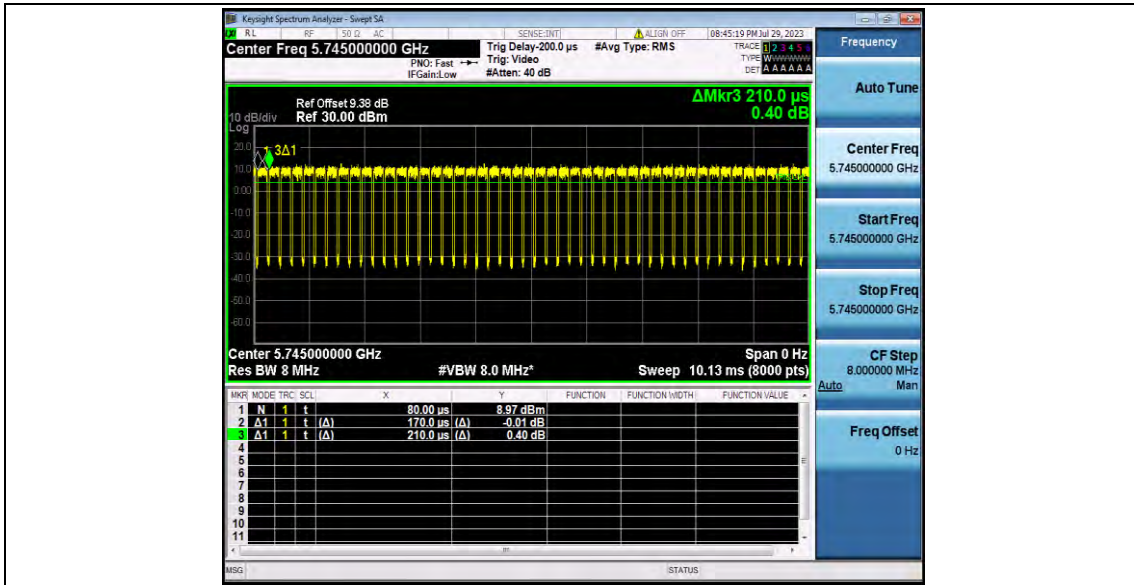
11AX80SISO_Ant0_5775

Appendix G.3: Duty Cycle

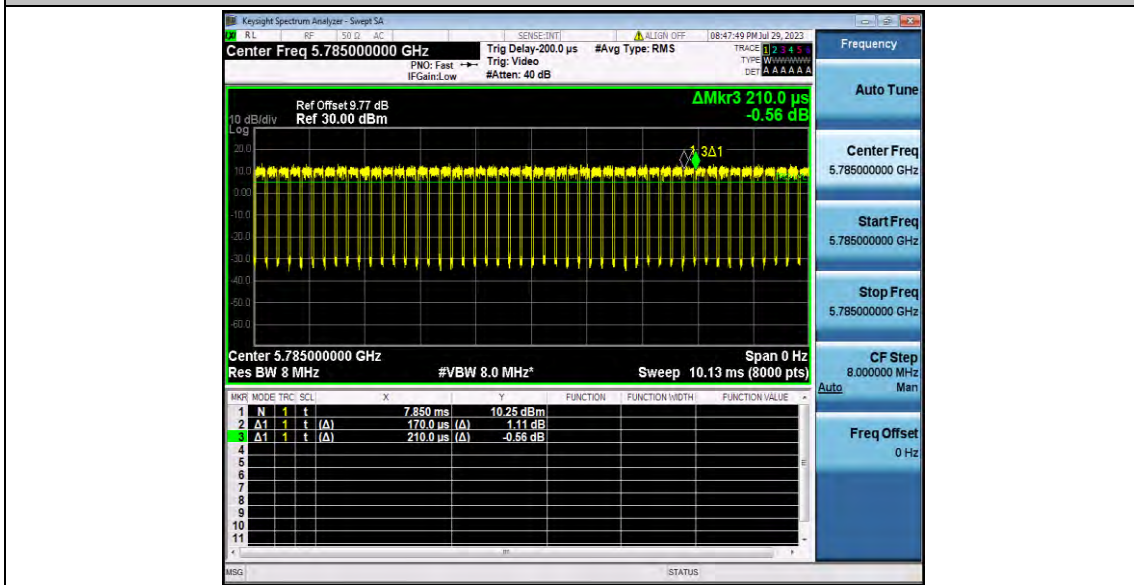
Test Result

Test Mode	Antenna	Frequency[MHz]	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]
11A	Ant0	5745	0.17	0.21	80.95
		5785	0.17	0.21	80.95
		5825	0.18	0.21	85.71
11N20SISO	Ant0	5745	0.71	0.74	95.95
		5785	0.71	0.75	94.67
		5825	0.71	0.75	94.67
11N40SISO	Ant0	5755	3.43	4.94	69.43
		5795	3.33	4.79	69.52
11AC20SISO	Ant0	5745	0.15	0.18	83.33
		5785	0.14	0.18	77.78
		5825	0.15	0.19	78.95
11AC40SISO	Ant0	5755	3.96	6.72	58.93
		5795	2.99	5.07	58.97
11AC80SISO	Ant0	5775	2.17	5.06	42.89
11AX20SISO	Ant0	5745	0.12	0.18	66.67
		5785	0.12	0.19	63.16
		5825	0.12	0.18	66.67
11AX40SISO	Ant0	5755	2.88	5.07	56.80
		5795	2.88	5.08	56.69
11AX80SISO	Ant0	5775	2.56	5.08	50.39

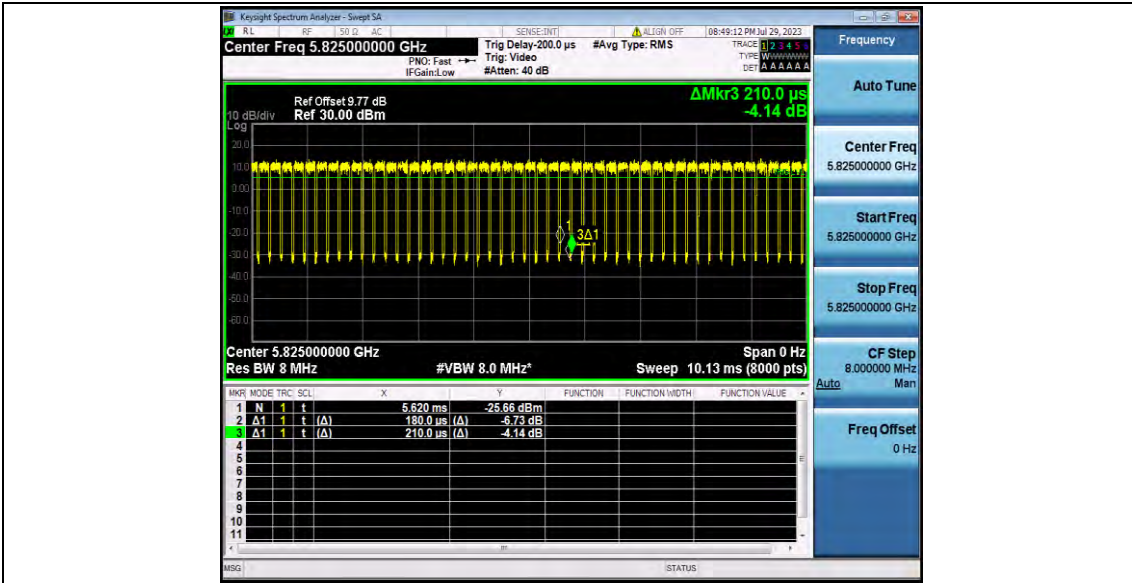
Test Graphs



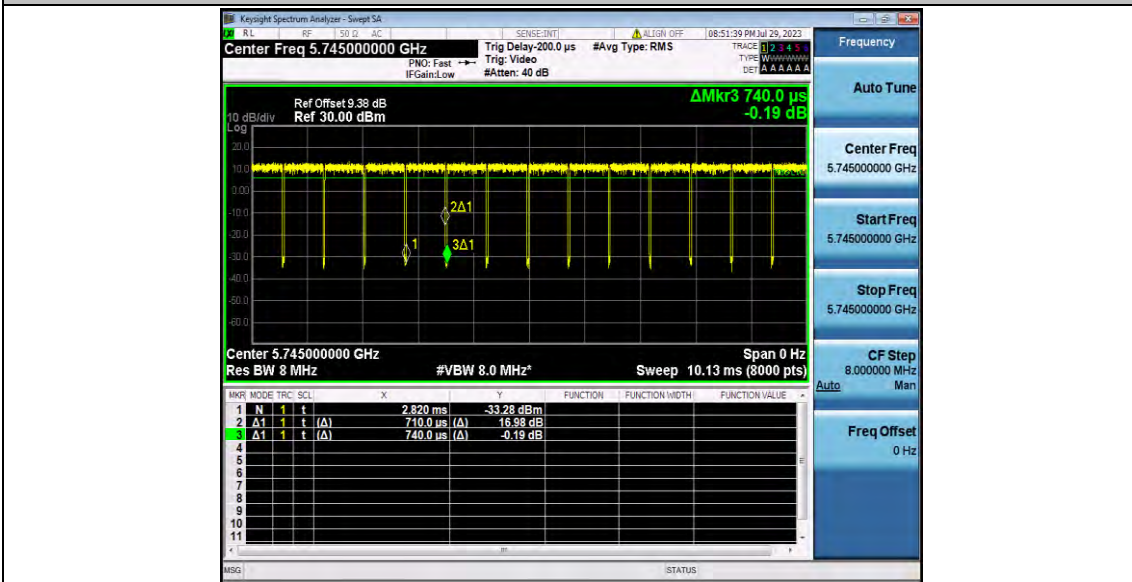
11A_Ant0_5745



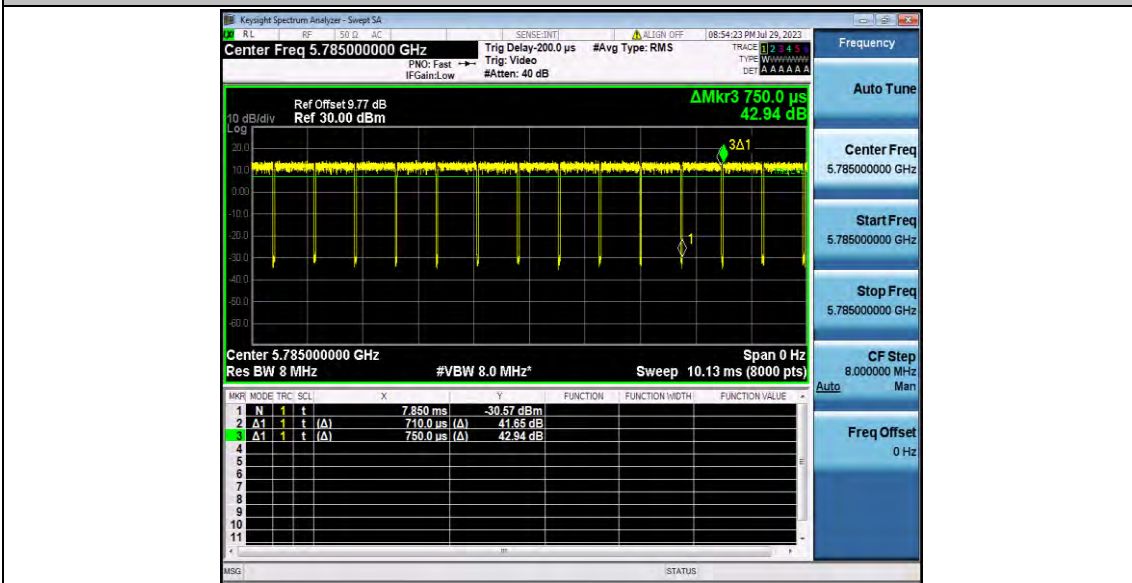
11A_Ant0_5785



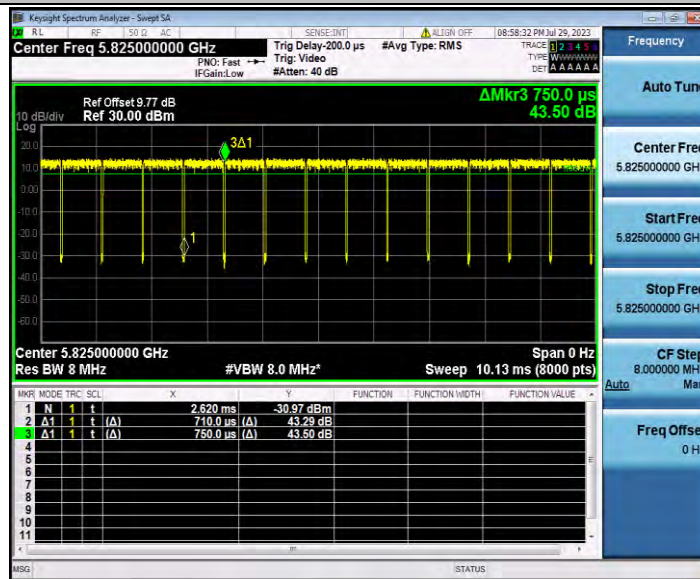
11A_Ant0_5825



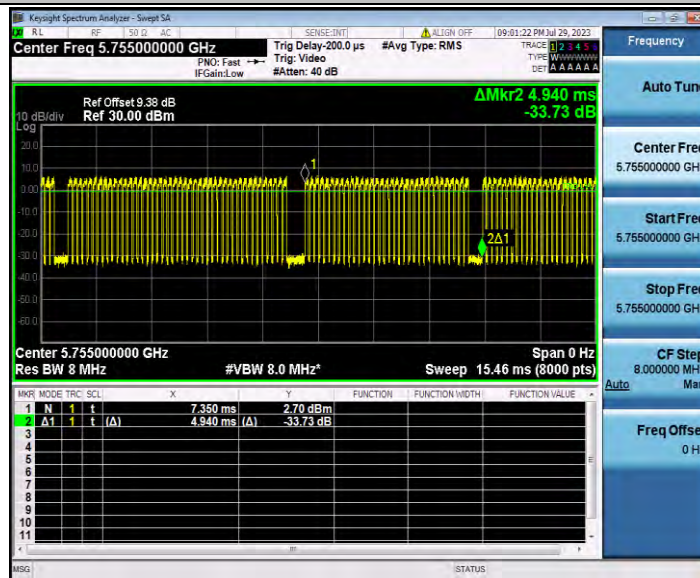
11N20SISO_Ant0_5745



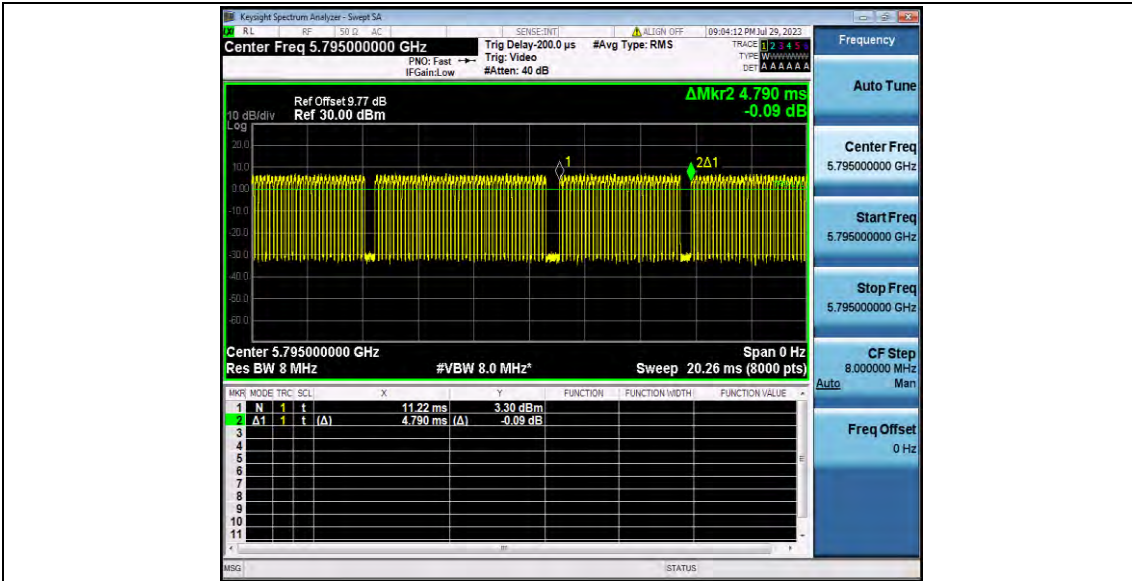
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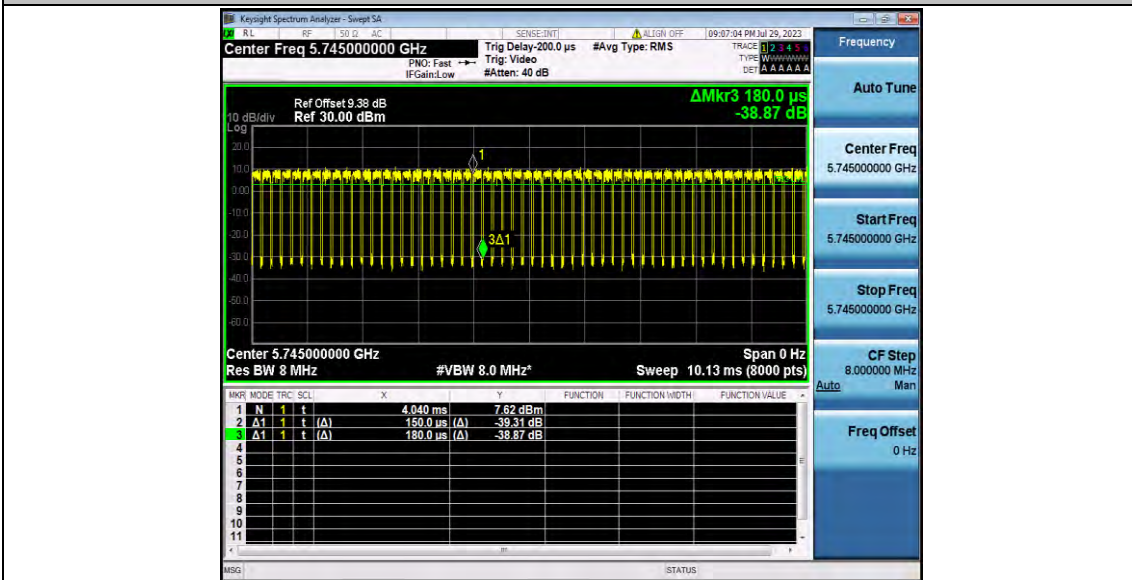
11N20SISO_Ant0_5825



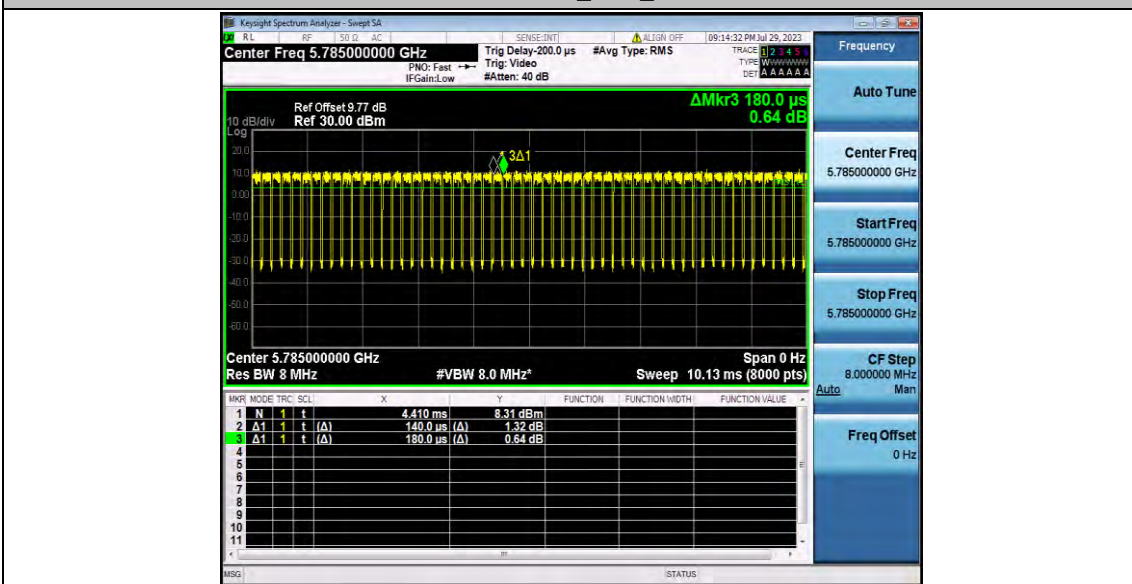
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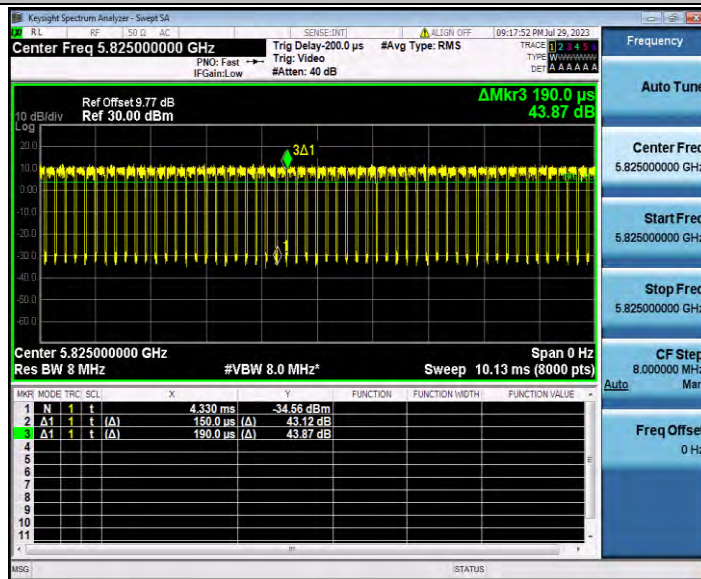
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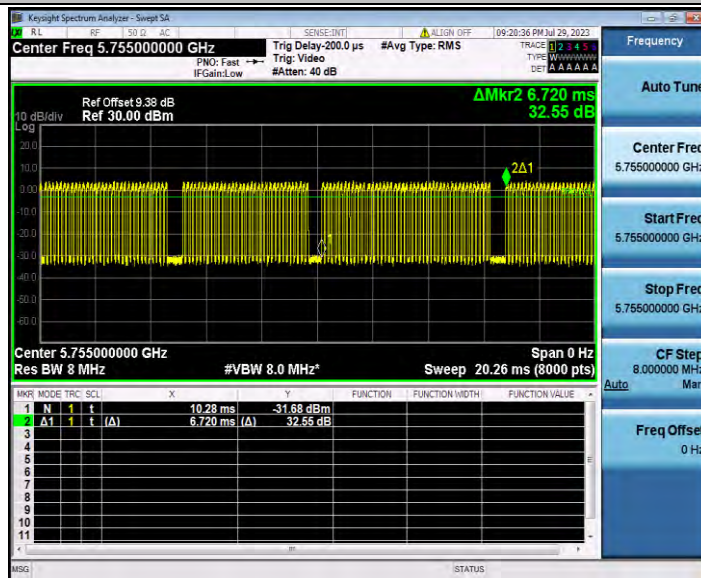
11AC20SISO_Ant0_5745



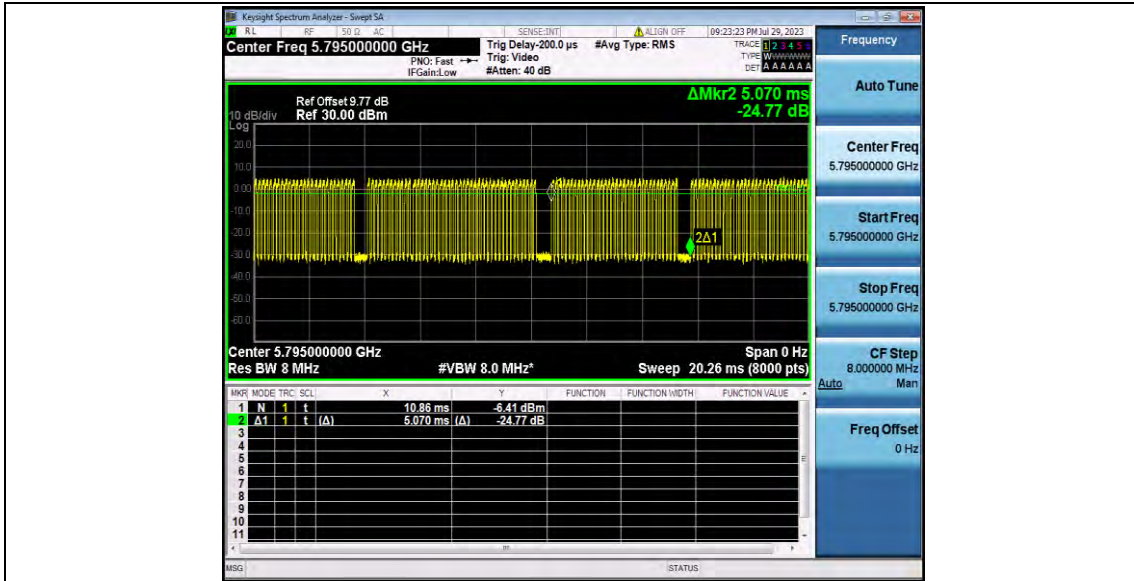
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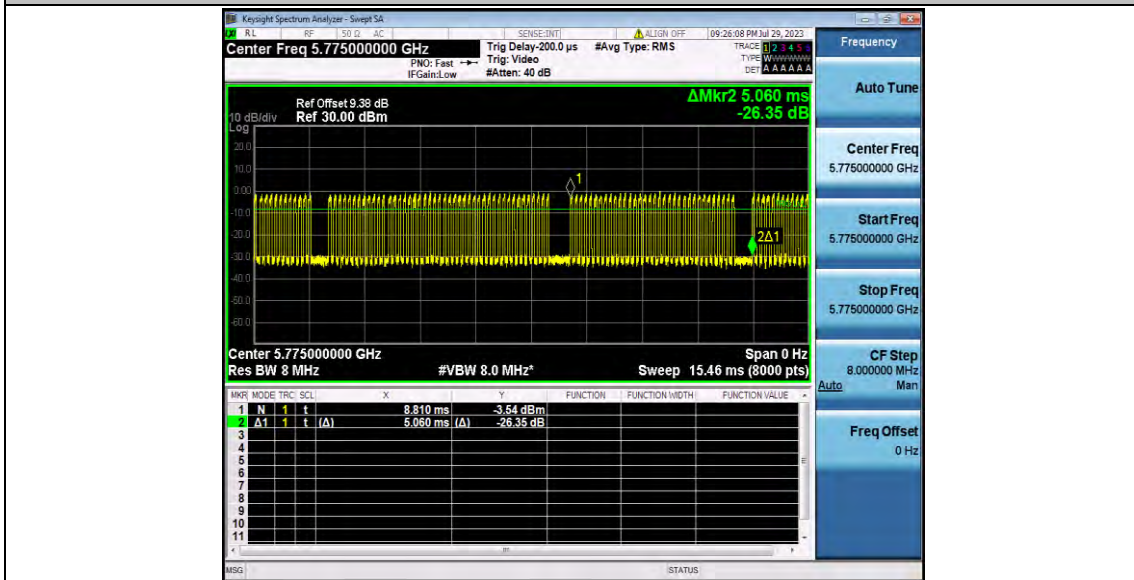
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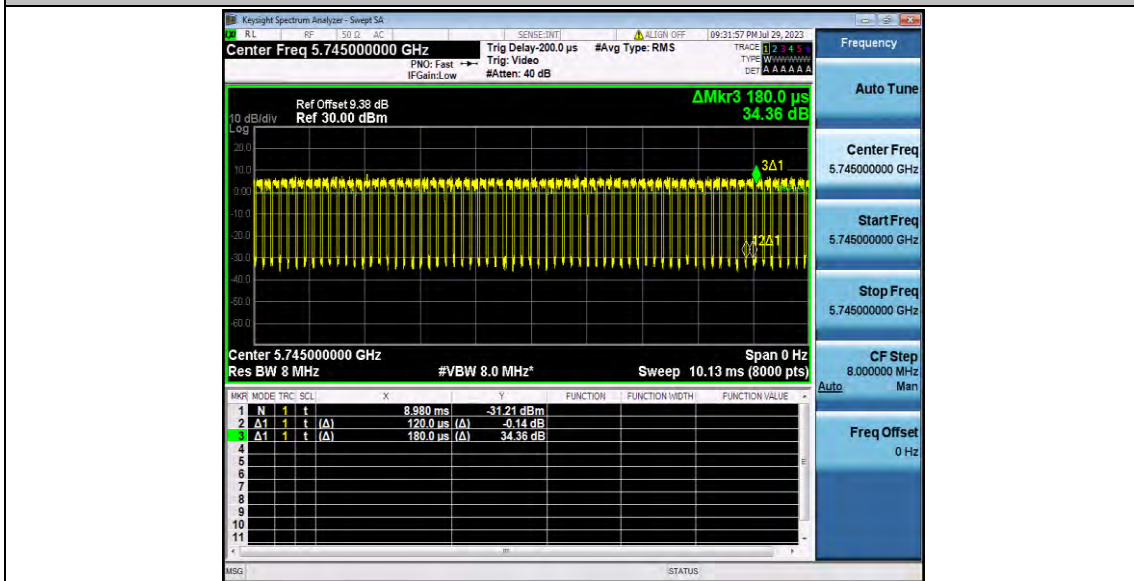
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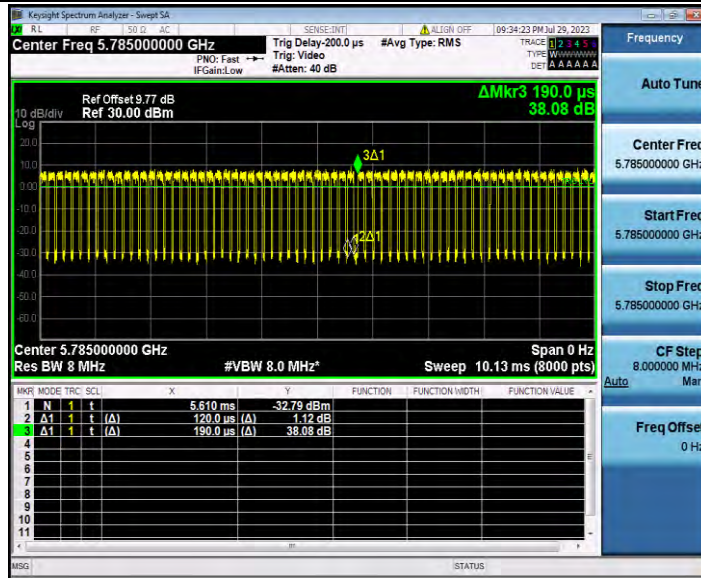
11AC40SISO_Ant0_5795



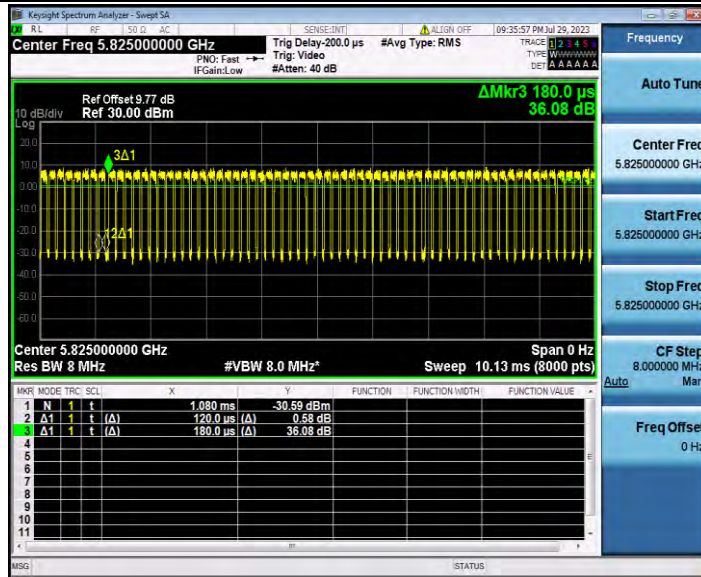
11AC80SISO_Ant0_5775



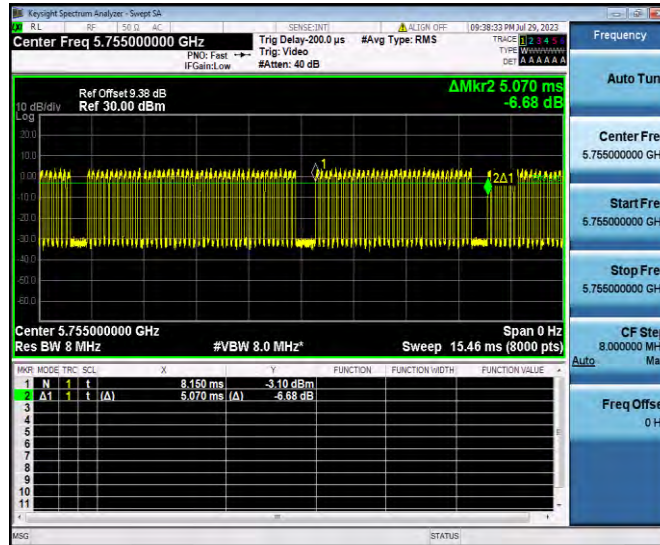
11AX20SISO_Ant0_5745



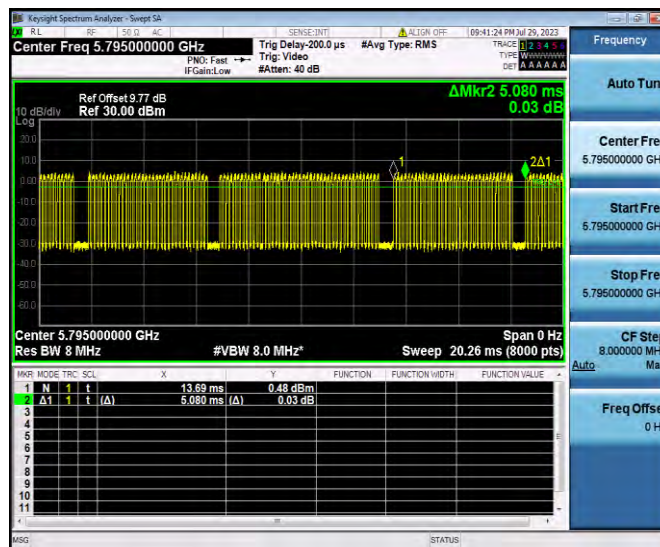
11AX20SISO_Ant0_5785



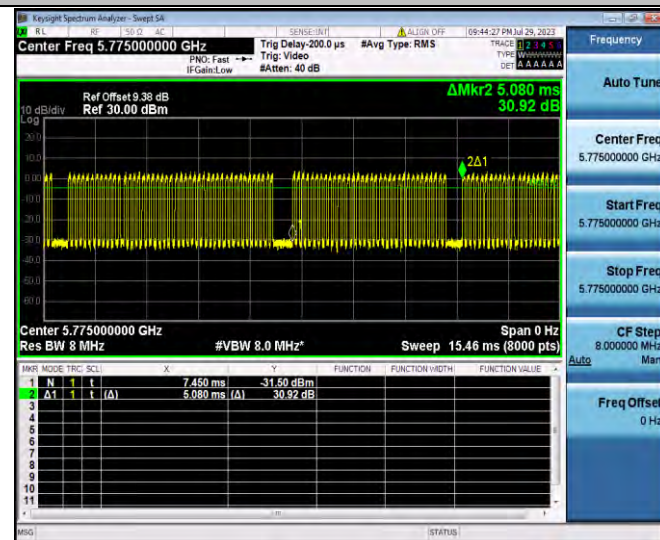
11AX20SISO_Ant0_5825



11AX40SISO_Ant0_5755



11AX40SISO_Ant0_5795



11AX80SISO_Ant0_5775