

Case No. : <u>GTS20230321014-1-4</u>
Ambient Condition: <u>24</u> °C, <u>46</u> %RH, Atmos100.1Kpa,
Test Date: <u>2023.4.25</u> Test Engineer: <u>Jenny zeng</u>

Appendix E.1: Occupied channel bandwidth

Test Result

TestMode	Antenna	Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant2	5745	17.288	5736.358	5753.646	---	---
		5785	17.300	5776.372	5793.672	---	---
		5825	17.311	5816.346	5833.657	---	---
11N20SISO	Ant2	5745	18.324	5735.862	5754.186	---	---
		5785	18.324	5775.825	5794.149	---	---
		5825	18.331	5815.831	5834.162	---	---
11N40SISO	Ant2	5755	36.762	5736.735	5773.497	---	---
		5795	36.681	5776.710	5813.391	---	---
11AC20SISO	Ant2	5745	18.328	5735.871	5754.199	---	---
		5785	18.324	5775.813	5794.137	---	---
		5825	18.372	5815.828	5834.200	---	---
11AC40SISO	Ant2	5755	36.693	5736.718	5773.411	---	---
		5795	36.677	5776.697	5813.374	---	---
11AC80SISO	Ant2	5775	74.922	5737.627	5812.549	---	---
11AX20SISO	Ant2	5745	19.256	5735.380	5754.636	---	---
		5785	19.257	5775.397	5794.654	---	---
		5825	19.278	5815.391	5834.669	---	---
11AX40SISO	Ant2	5755	38.015	5736.084	5774.099	---	---
		5795	38.061	5776.009	5814.070	---	---
11AX80SISO	Ant2	5775	76.418	5736.914	5813.332	---	---

Test Graphs



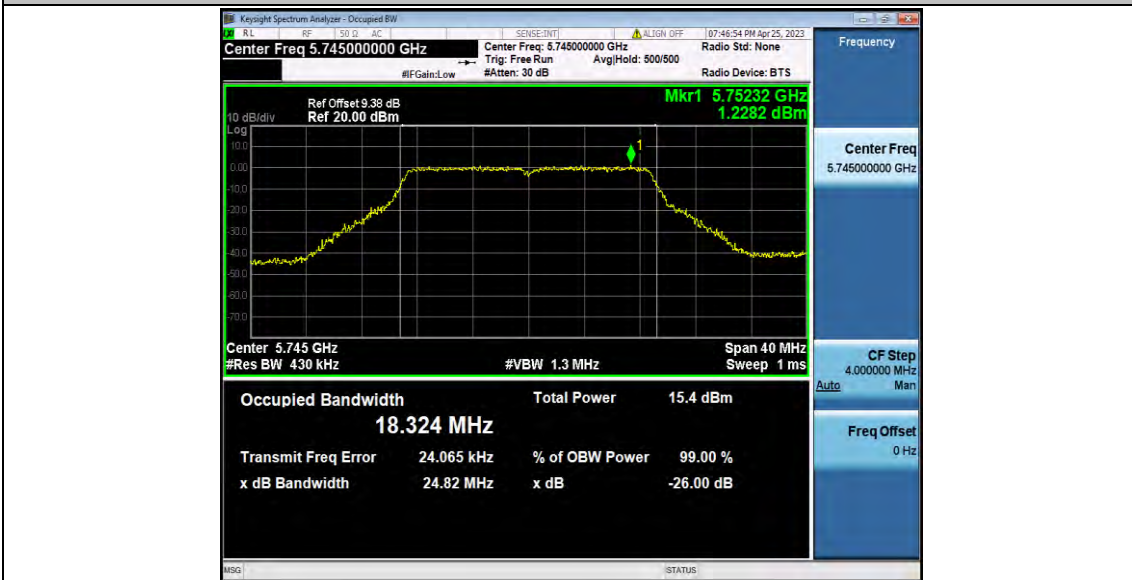
11A_Ant2_5745



11A_Ant2_5785



11A_Ant2_5825



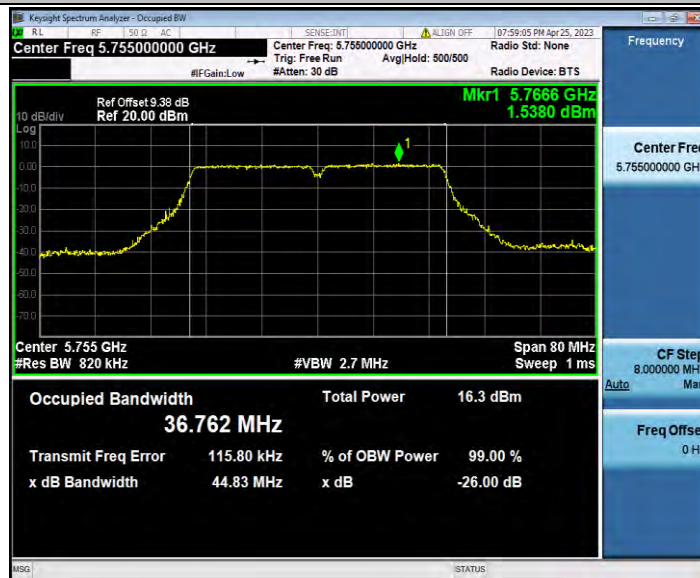
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11N20SISO_Ant2_5785



11N20SISO_Ant2_5825



11N40SISO_Ant2_5755



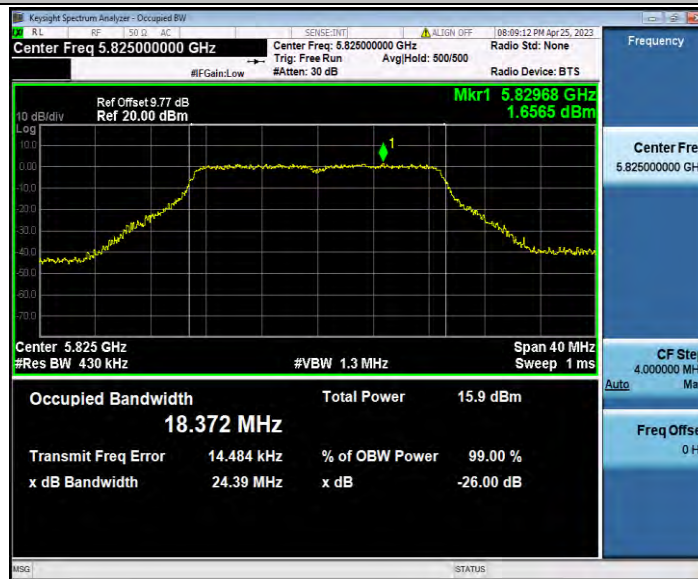
11N40SISO_Ant2_5795



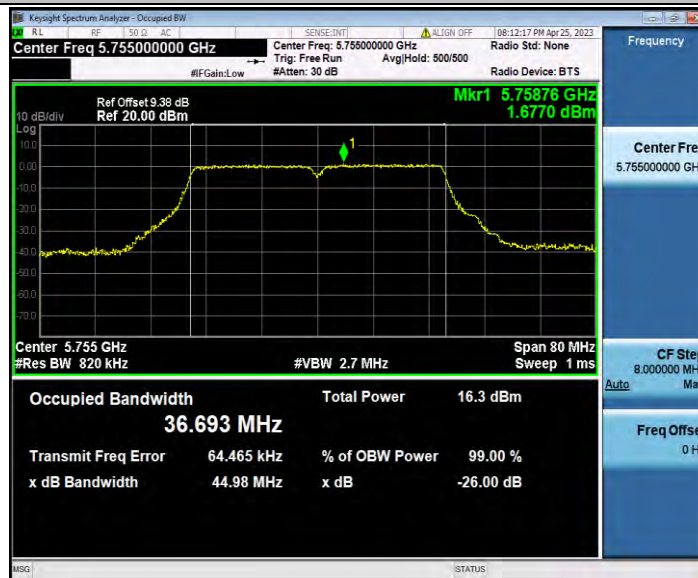
11A20SISO_Ant2_5745



11AC20SISO_Ant2_5785



11AC20SISO_Ant2_5825



11AC40SISO_Ant2_5755



11AC40SISO_Ant2_5795



11AC80SISO_Ant2_5775



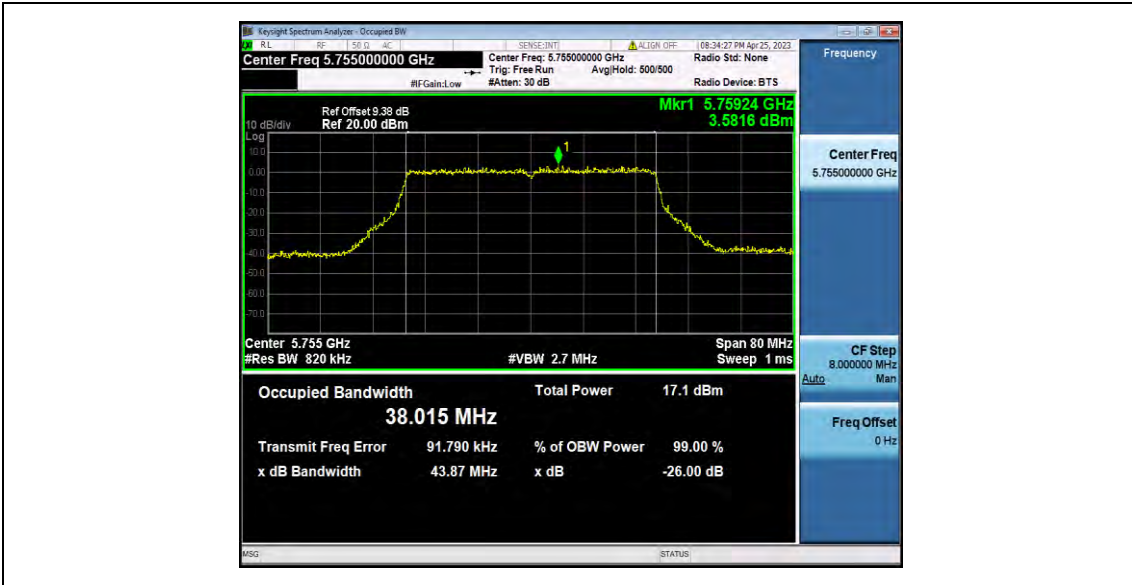
11AX20SISO_Ant2_5745



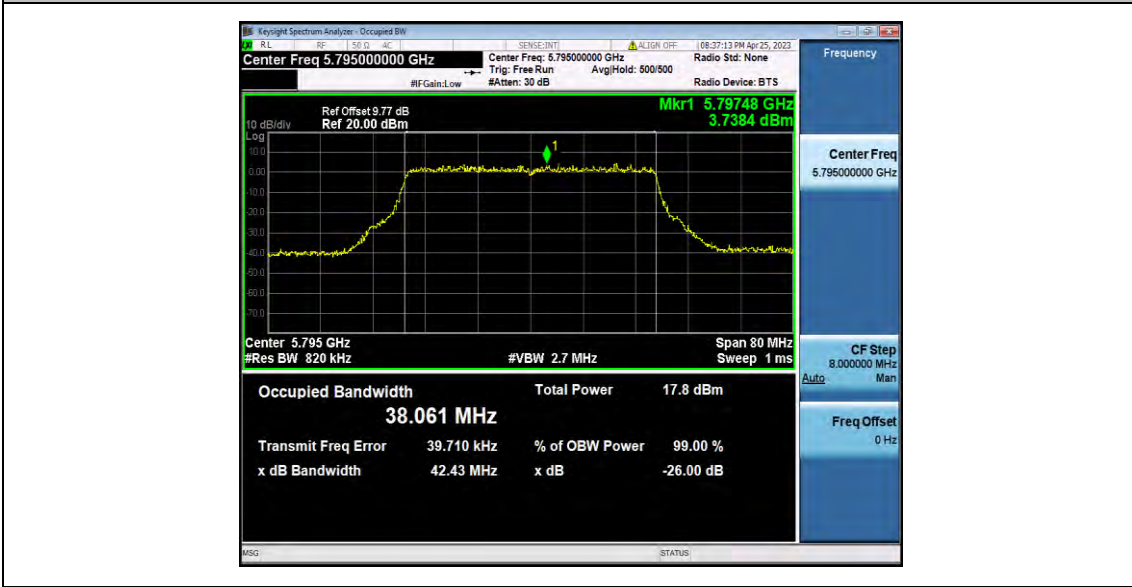
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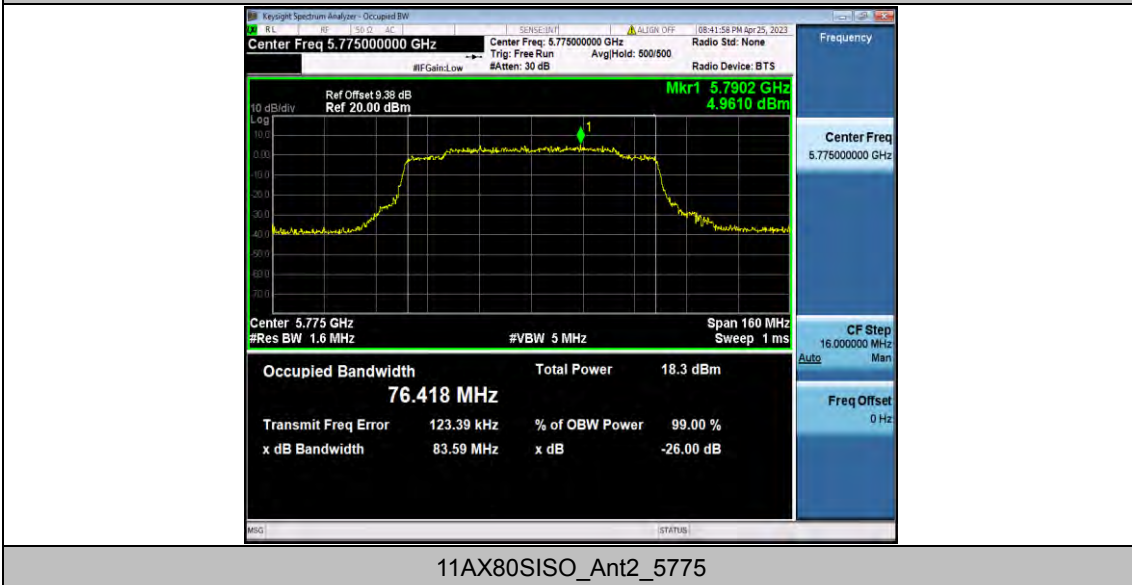
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11AX40SISO_Ant2_5755



11AX40SISO_Ant2_5795



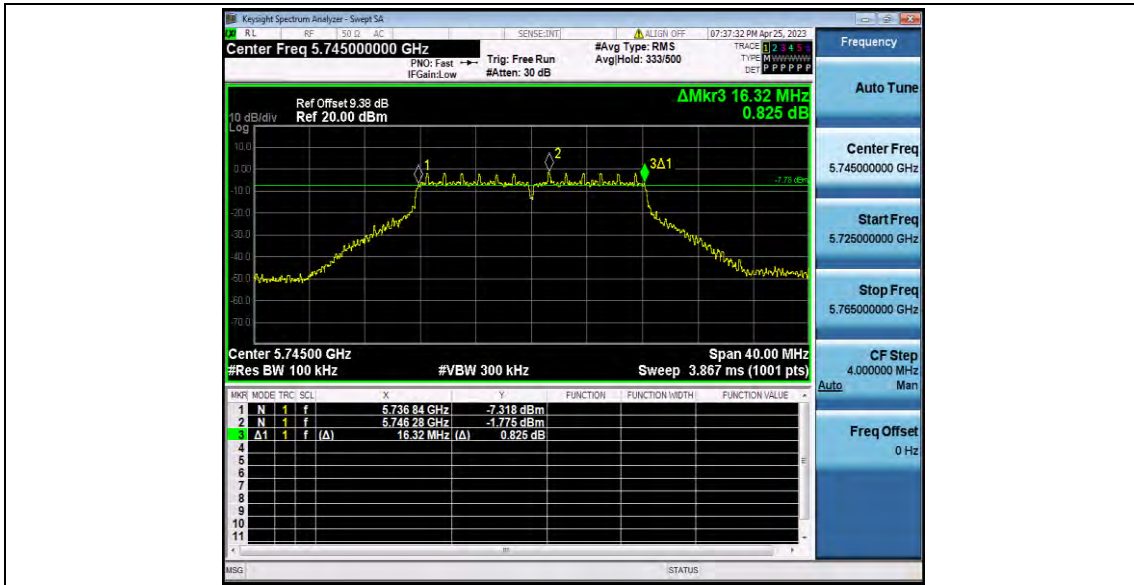
11AX80SISO_Ant2_5775

Appendix E.2: Min emission bandwidth

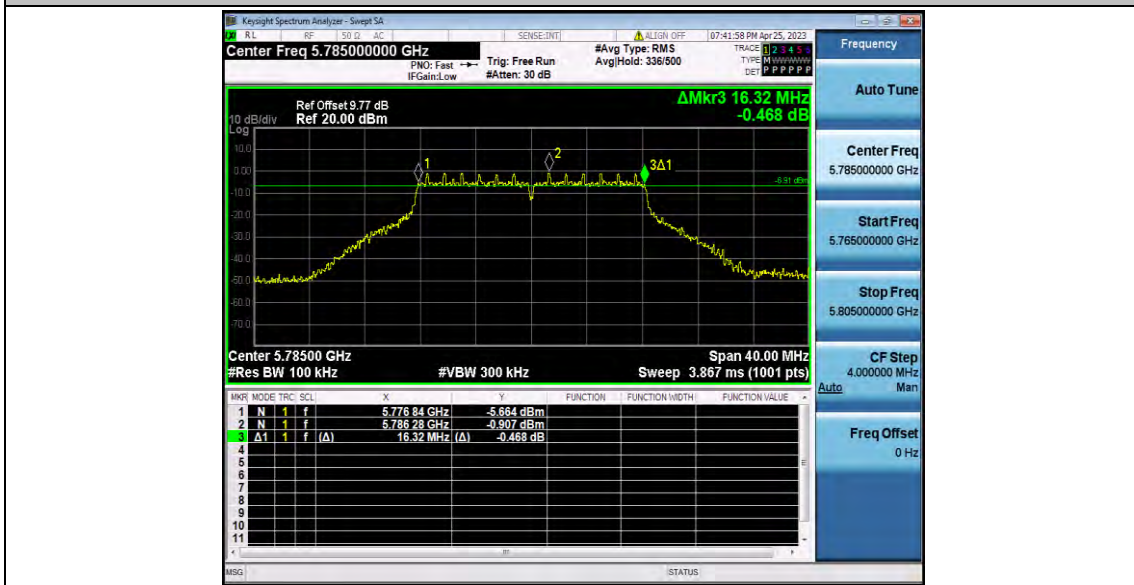
Test Result B4

TestMode	Antenna	Frequency[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	17.560	5736.240	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
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	17.560	5736.240	5753.800	0.5	PASS
		5785	17.560	5776.240	5793.800	0.5	PASS
		5825	17.520	5816.240	5833.760	0.5	PASS
11AC40SISO	Ant2	5755	36.320	5736.840	5773.160	0.5	PASS
		5795	35.920	5776.840	5812.760	0.5	PASS
11AC80SISO	Ant2	5775	75.040	5737.560	5812.600	0.5	PASS
11AX20SISO	Ant2	5745	18.560	5735.880	5754.440	0.5	PASS
		5785	18.640	5775.720	5794.360	0.5	PASS
		5825	18.760	5815.640	5834.400	0.5	PASS
11AX40SISO	Ant2	5755	37.680	5736.280	5773.960	0.5	PASS
		5795	37.600	5776.280	5813.880	0.5	PASS
11AX80SISO	Ant2	5775	75.040	5737.560	5812.600	0.5	PASS

Test Graphs B4



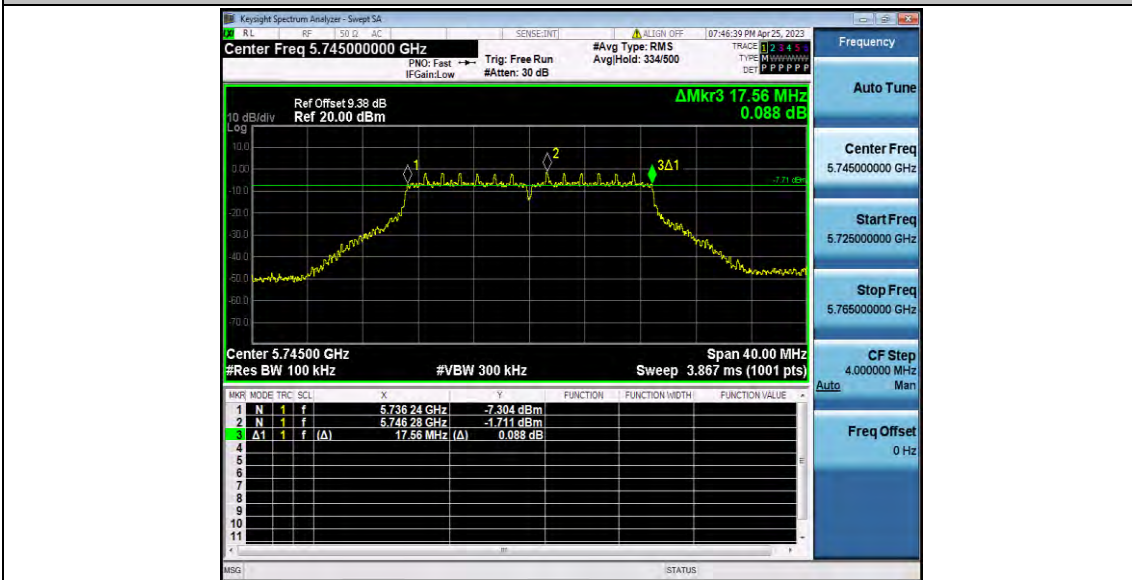
11A_Ant2_5745



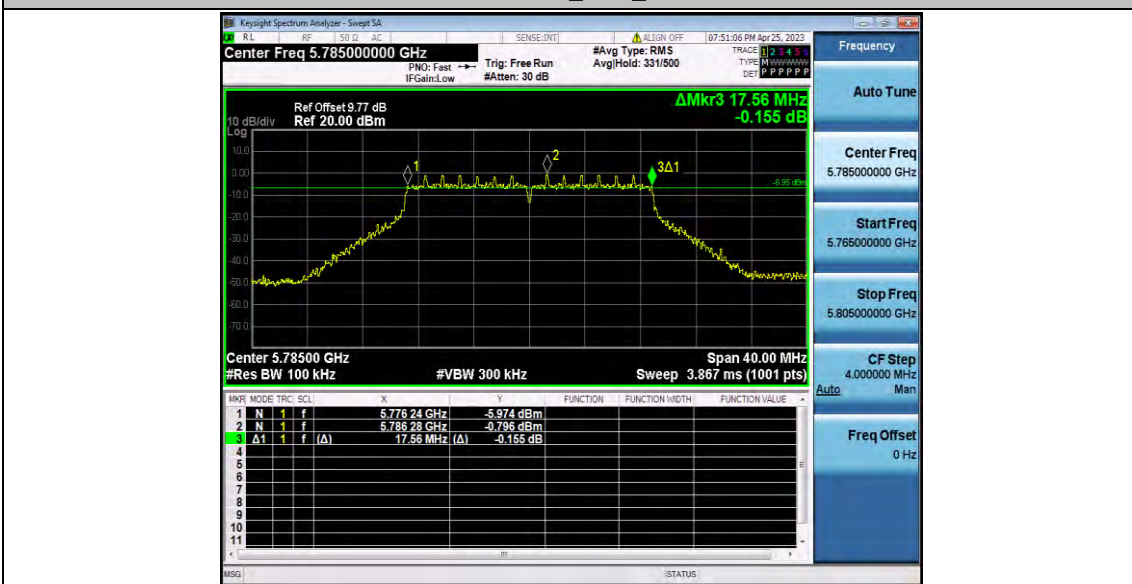
11A_Ant2_5785



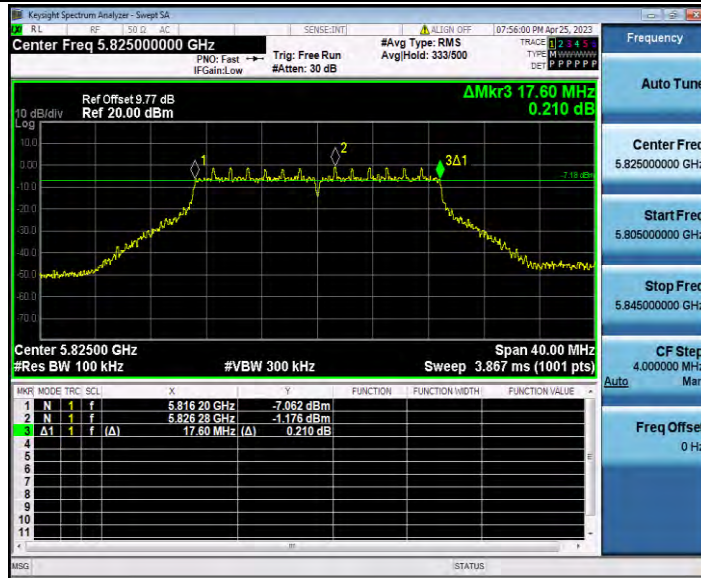
11A_Ant2_5825



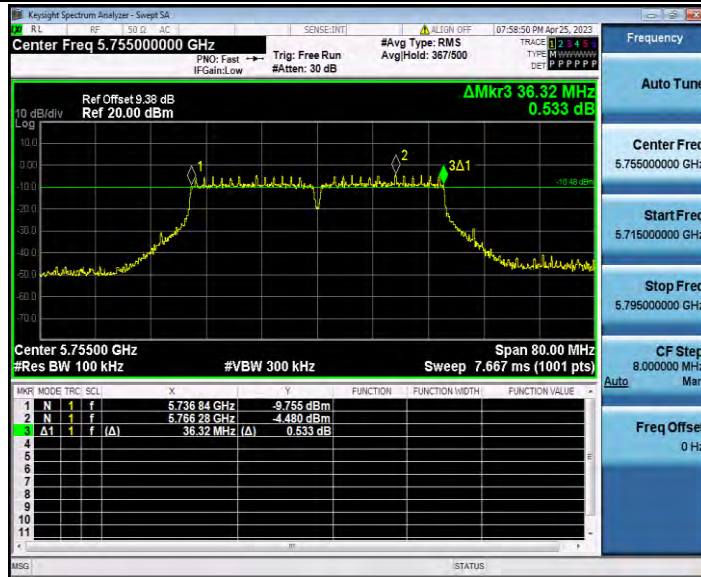
11N20SISO_Ant2_5745



11N20SISO_Ant2_5785



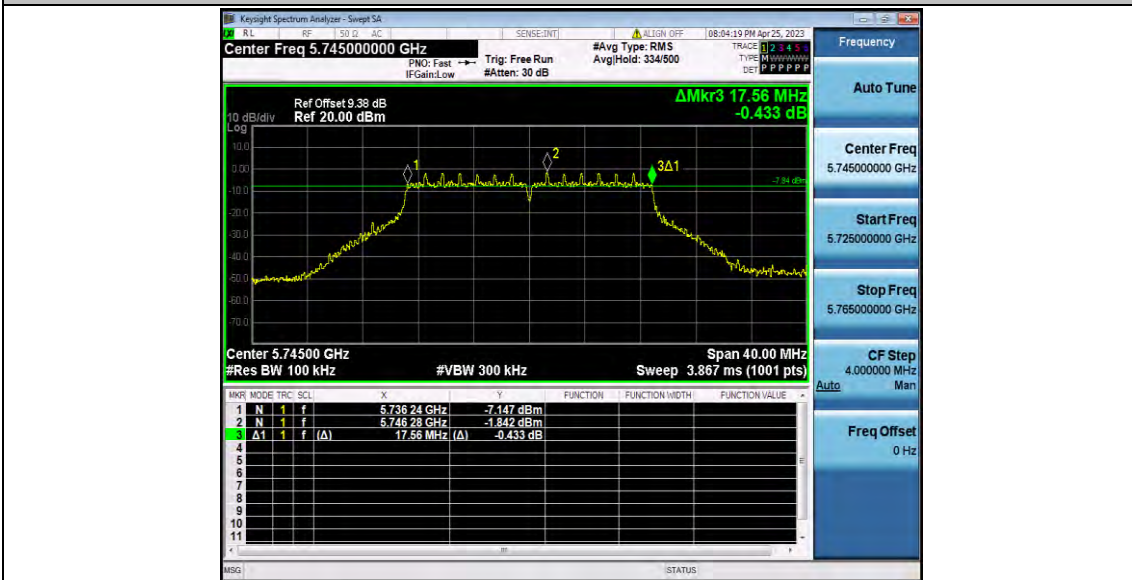
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11N40SISO_Ant2_5755



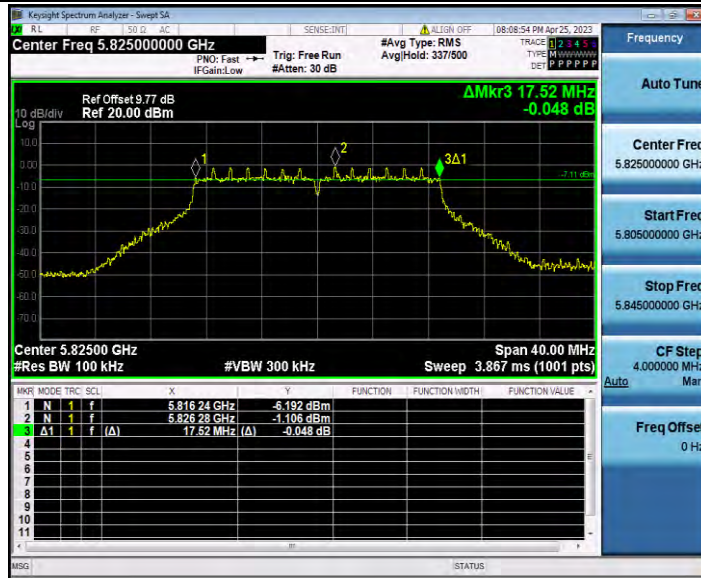
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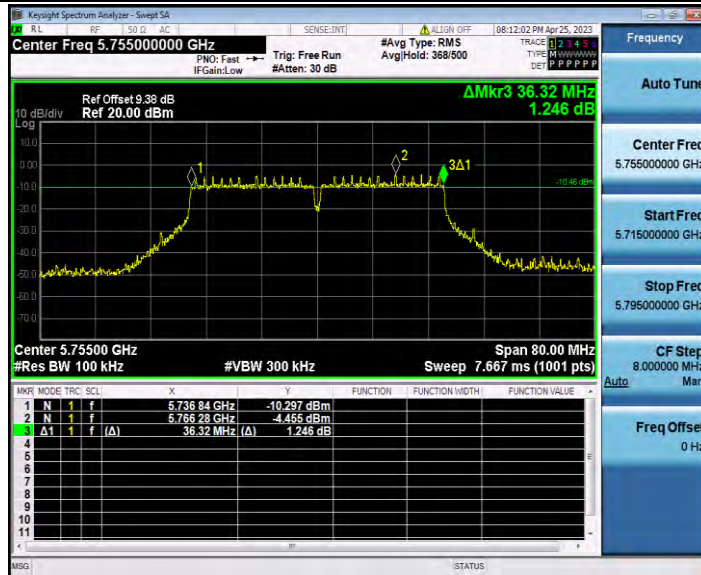
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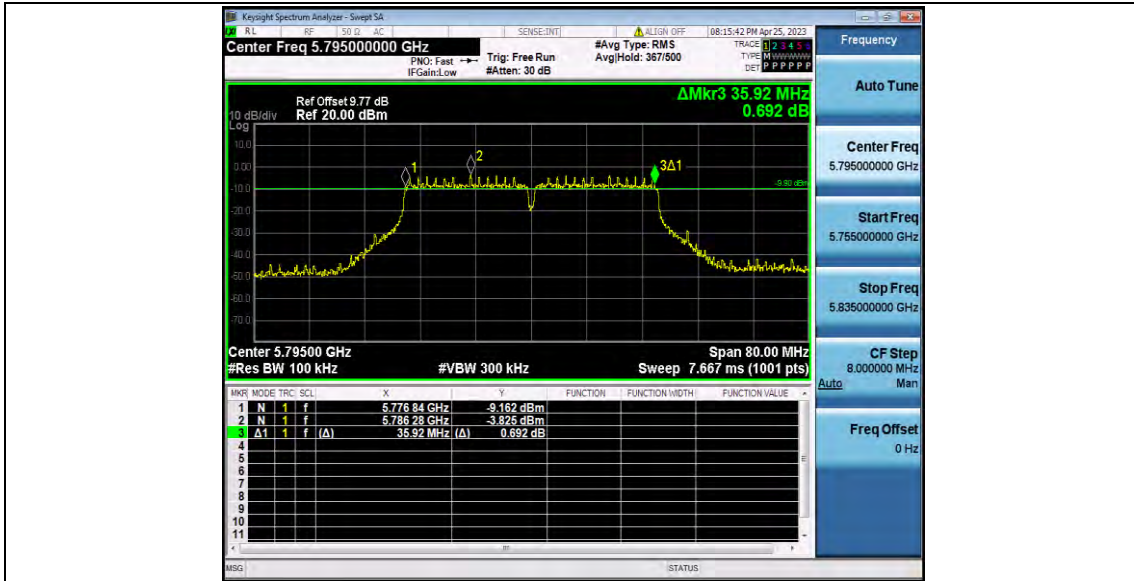
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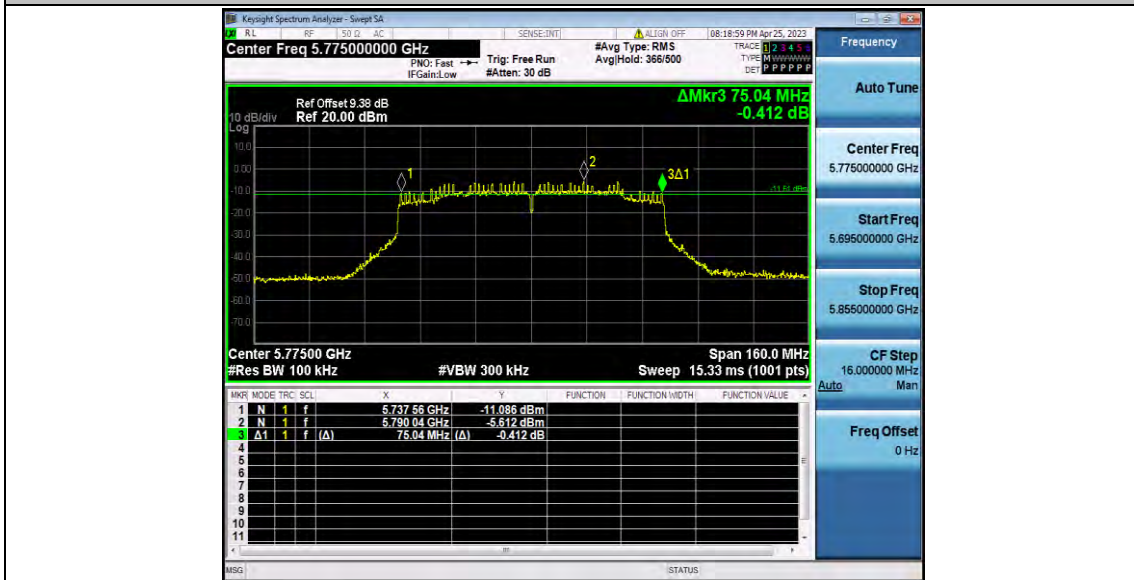
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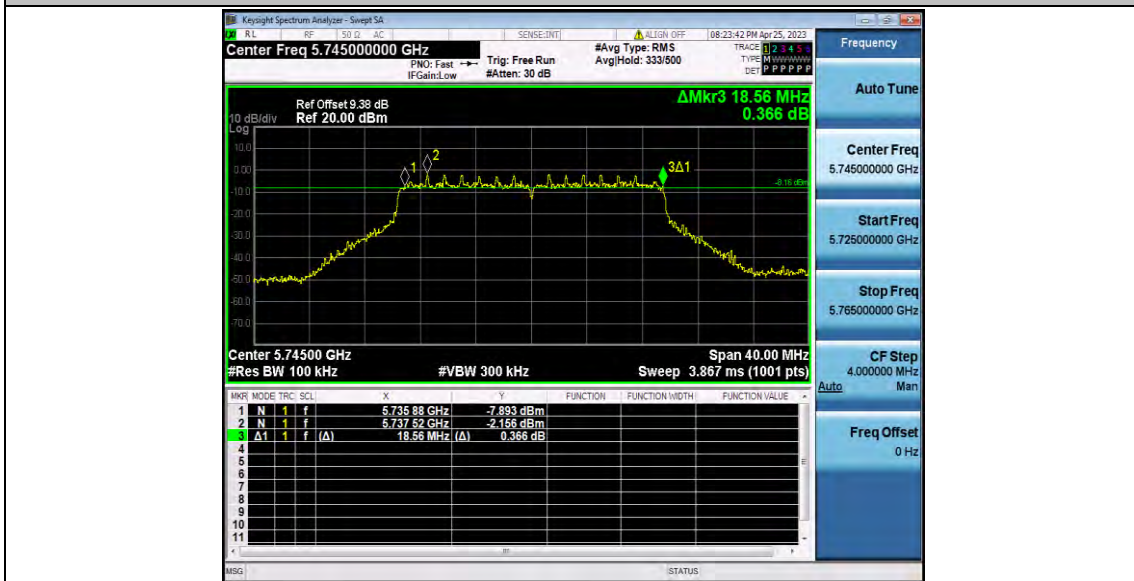
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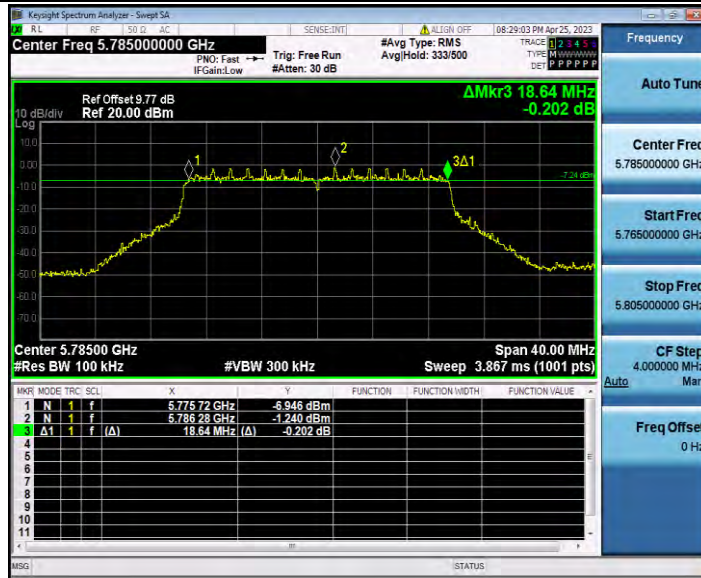
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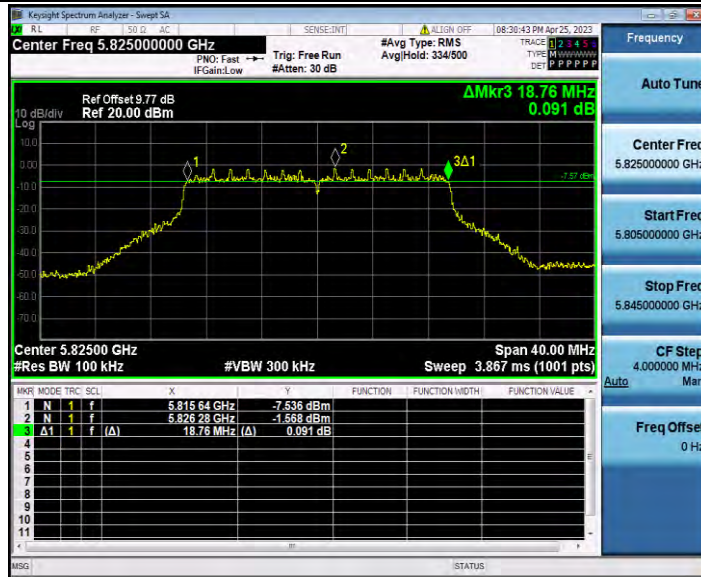
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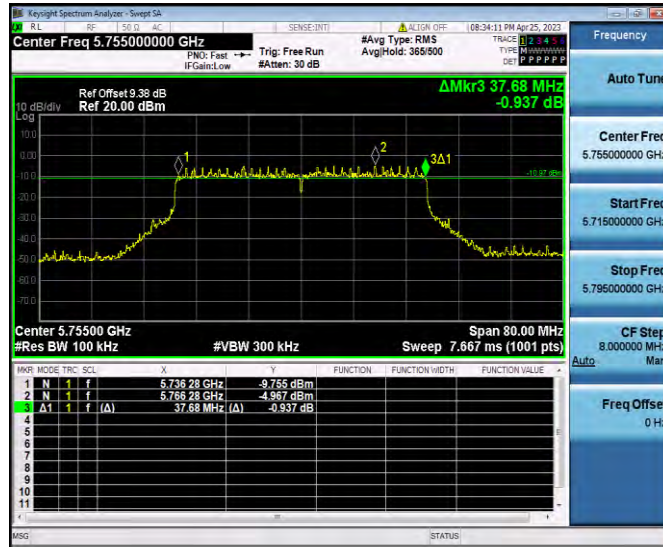
11AX20SISO_Ant2_5745



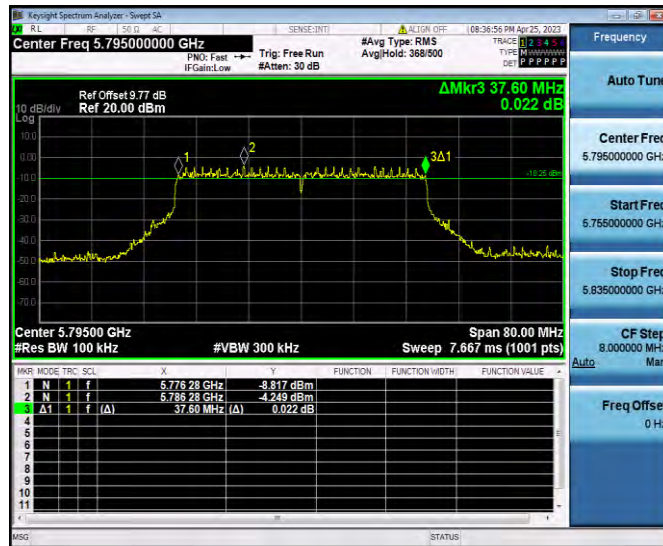
11AX20SISO_Ant2_5785



11AX20SISO_Ant2_5825



11AX40SISO_Ant2_5755



11AX40SISO_Ant2_5795



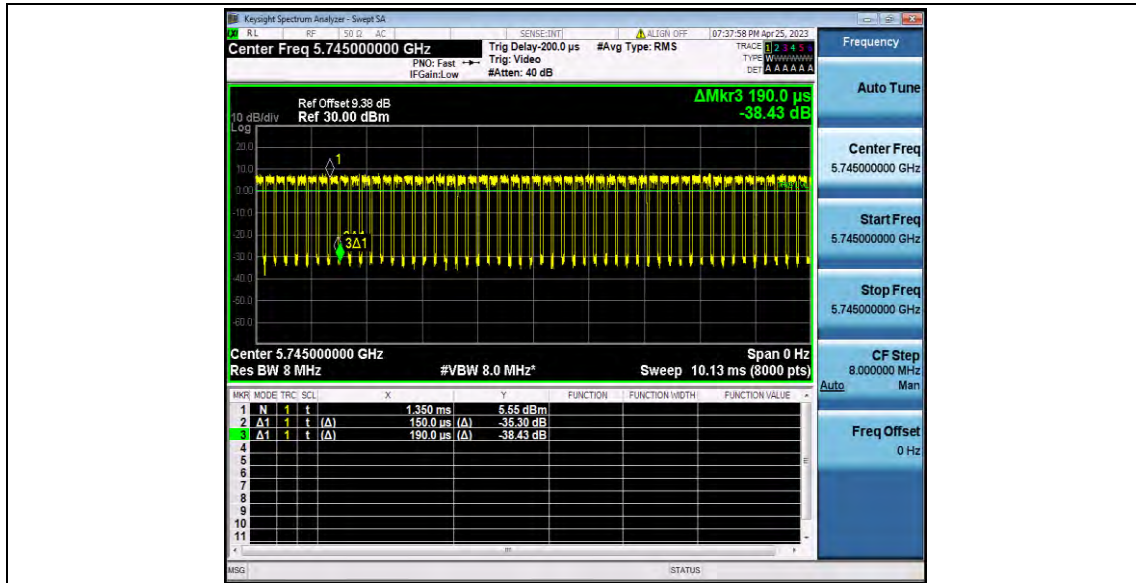
11AX80SISO_Ant2_5775

Appendix E.3: Duty Cycle

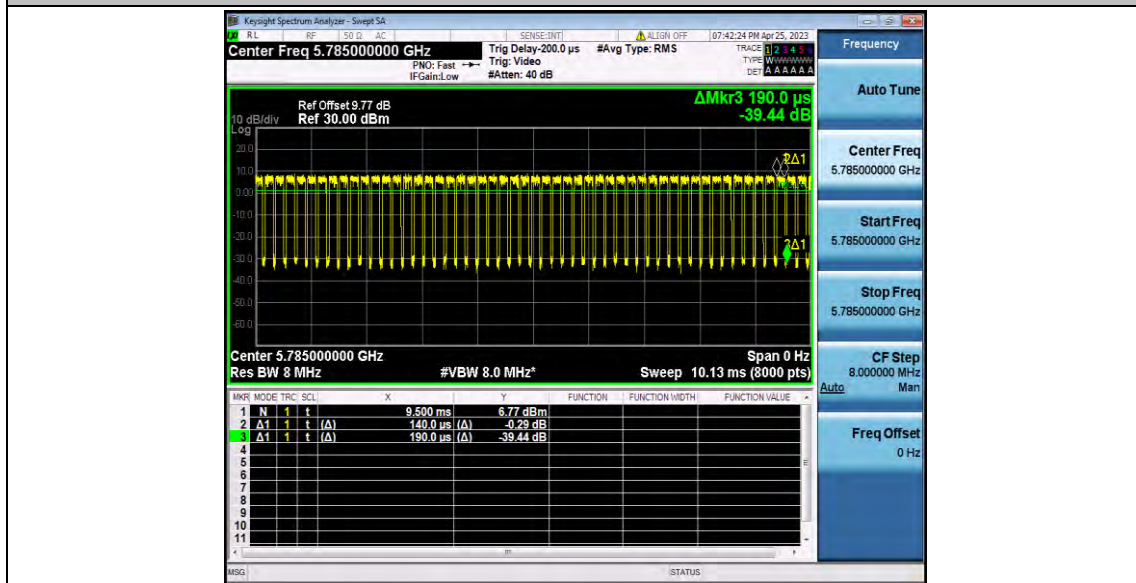
Test Result

TestMode	Antenna	Frequency[MHz]	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]
11A	Ant2	5745	0.15	0.19	78.95
		5785	0.14	0.19	73.68
		5825	0.14	0.19	73.68
11N20SISO	Ant2	5745	0.17	0.22	77.27
		5785	0.18	0.23	78.26
		5825	0.18	0.22	81.82
11N40SISO	Ant2	5755	0.17	0.22	77.27
		5795	0.18	0.23	78.26
11AC20SISO	Ant2	5745	0.16	0.21	76.19
		5785	0.16	0.21	76.19
		5825	0.16	0.21	76.19
11AC40SISO	Ant2	5755	0.16	0.21	76.19
		5795	0.16	0.20	80.00
11AC80SISO	Ant2	5775	0.16	0.21	76.19
11AX20SISO	Ant2	5745	0.26	0.31	83.87
		5785	0.27	0.32	84.38
		5825	0.27	0.32	84.38
11AX40SISO	Ant2	5755	0.18	0.23	78.26
		5795	0.18	0.23	78.26
11AX80SISO	Ant2	5775	0.18	0.23	78.26

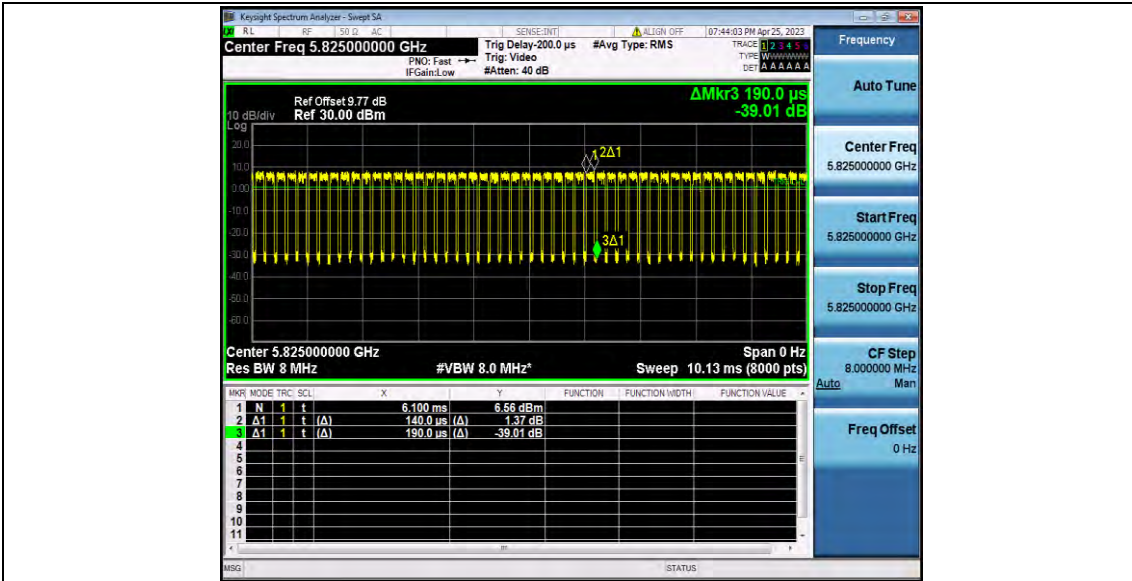
Test Graphs



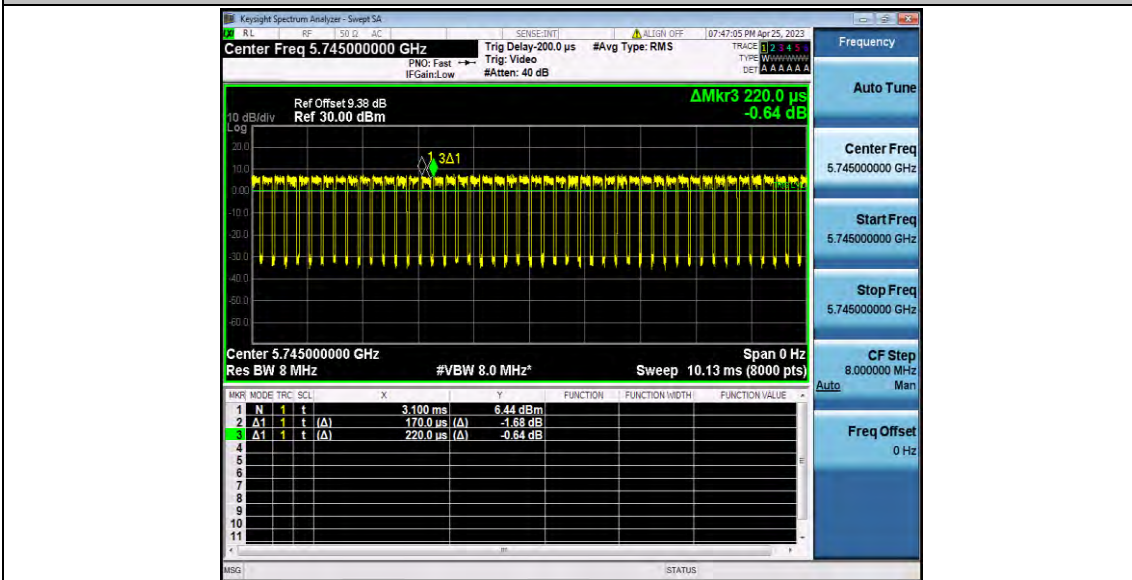
11A_Ant2_5745



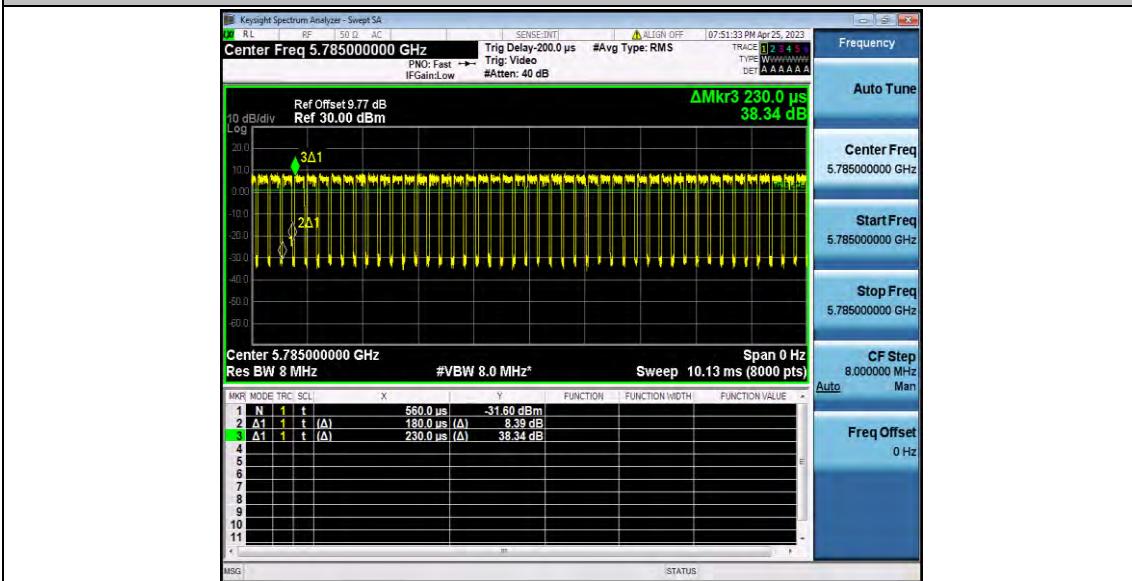
11A_Ant2_5785



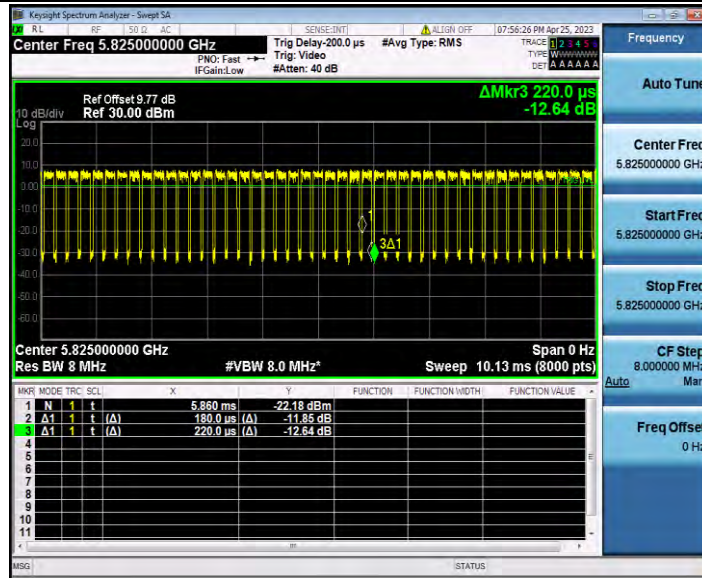
11A_Ant2_5825



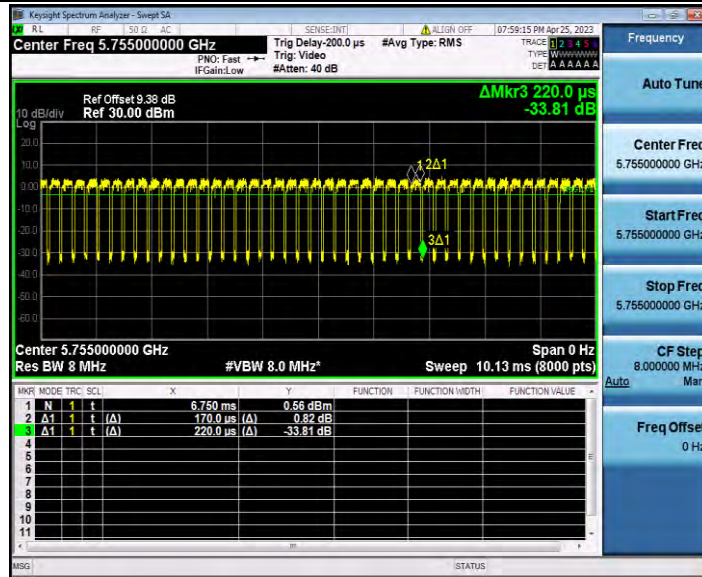
11N20SISO_Ant2_5745



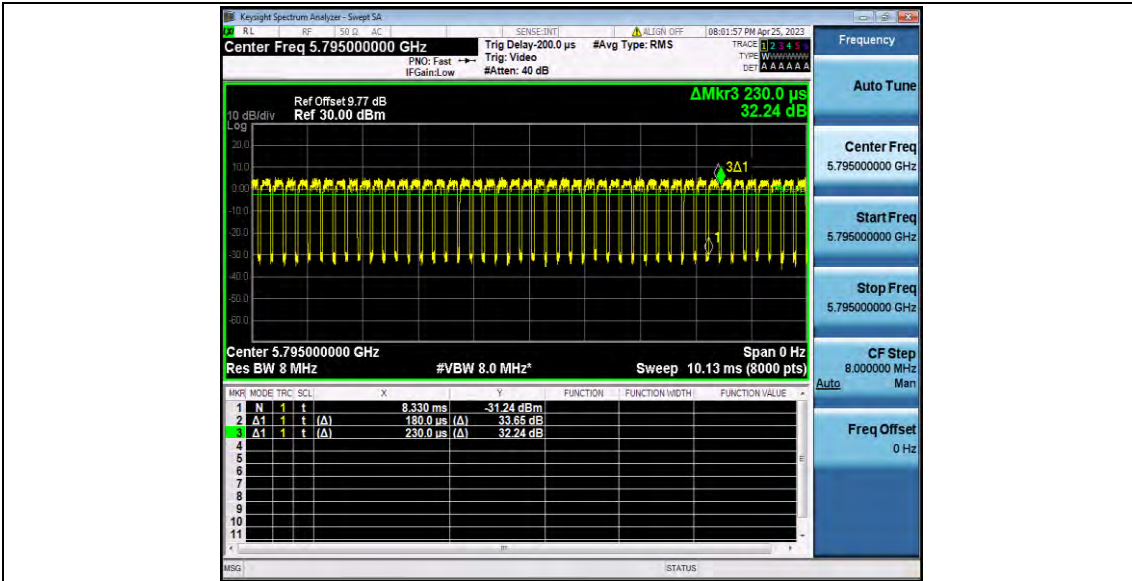
11N20SISO_Ant2_5785



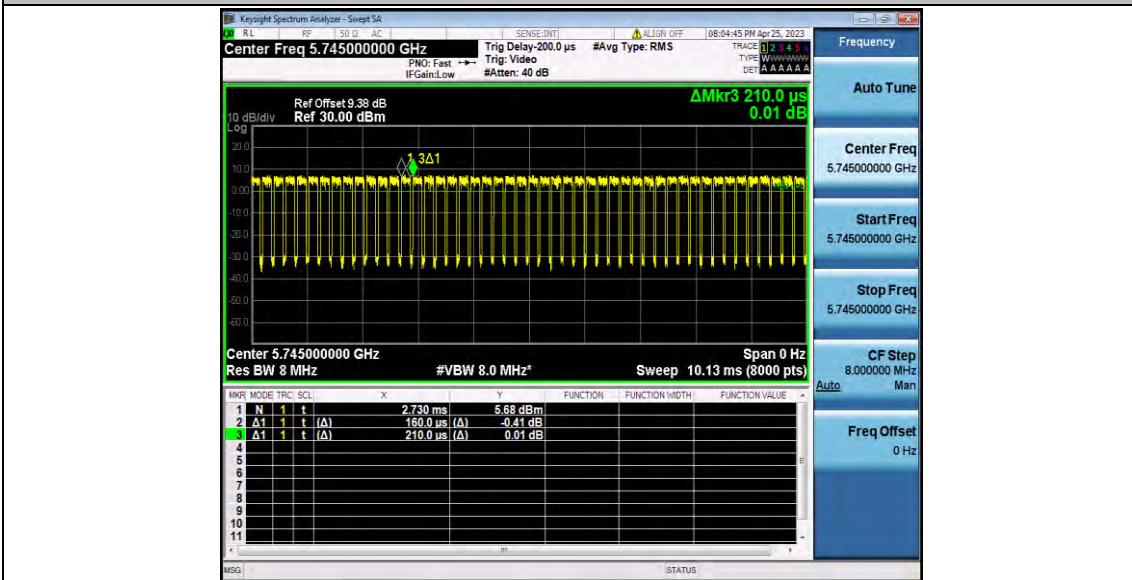
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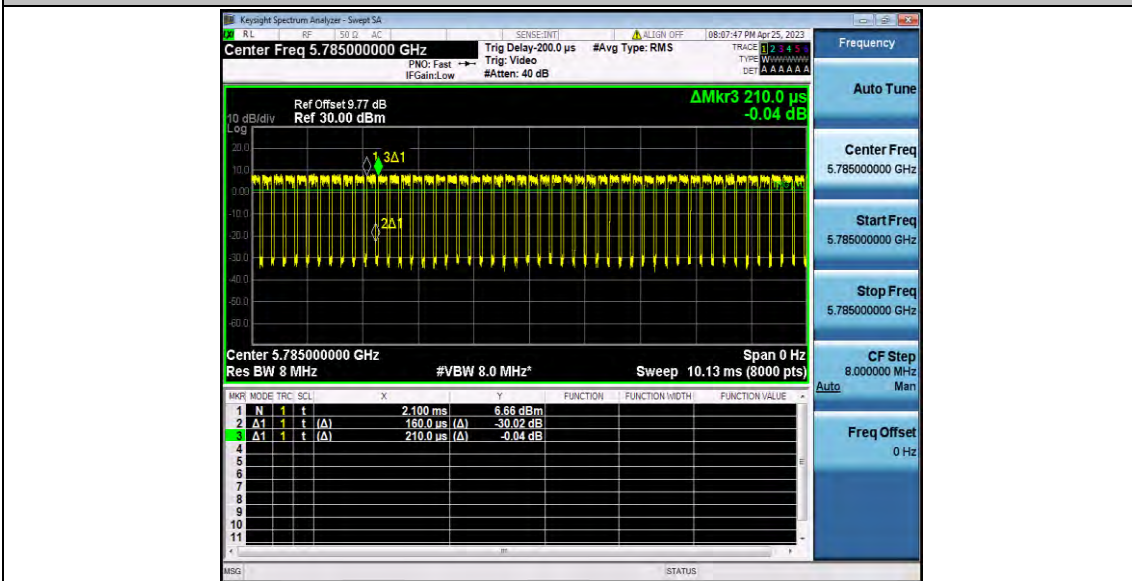
11N40SISO_Ant2_5755



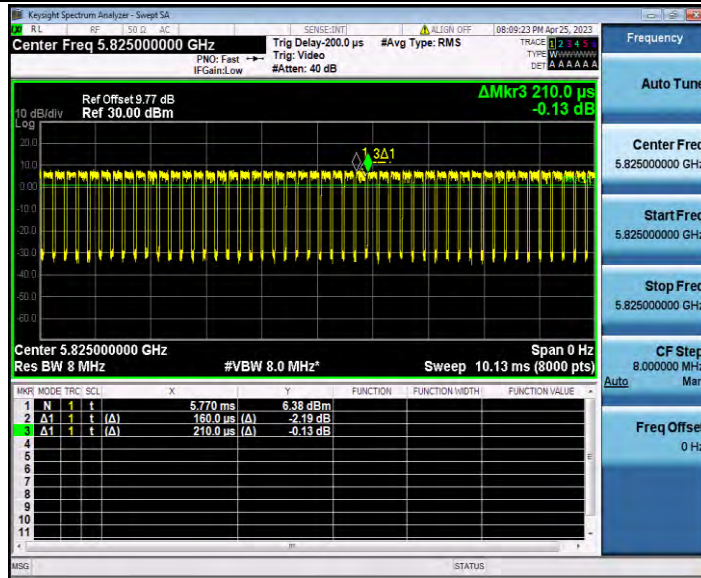
11N40SISO_Ant2_5795



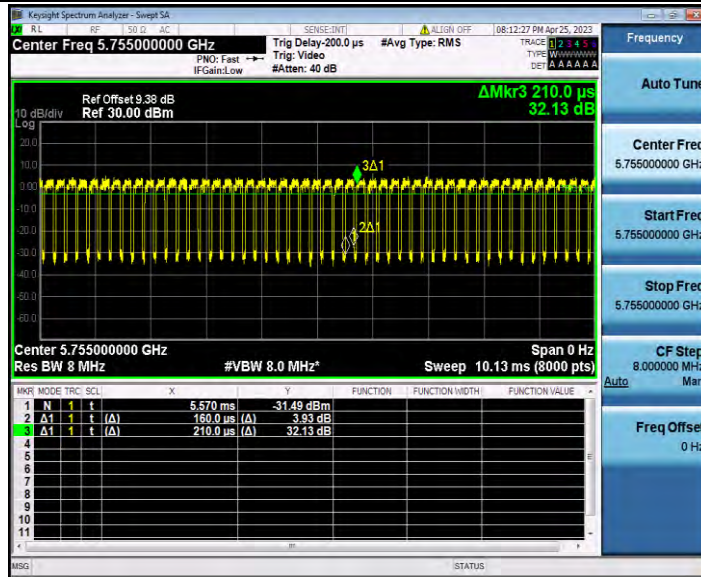
11AC20SISO_Ant2_5745



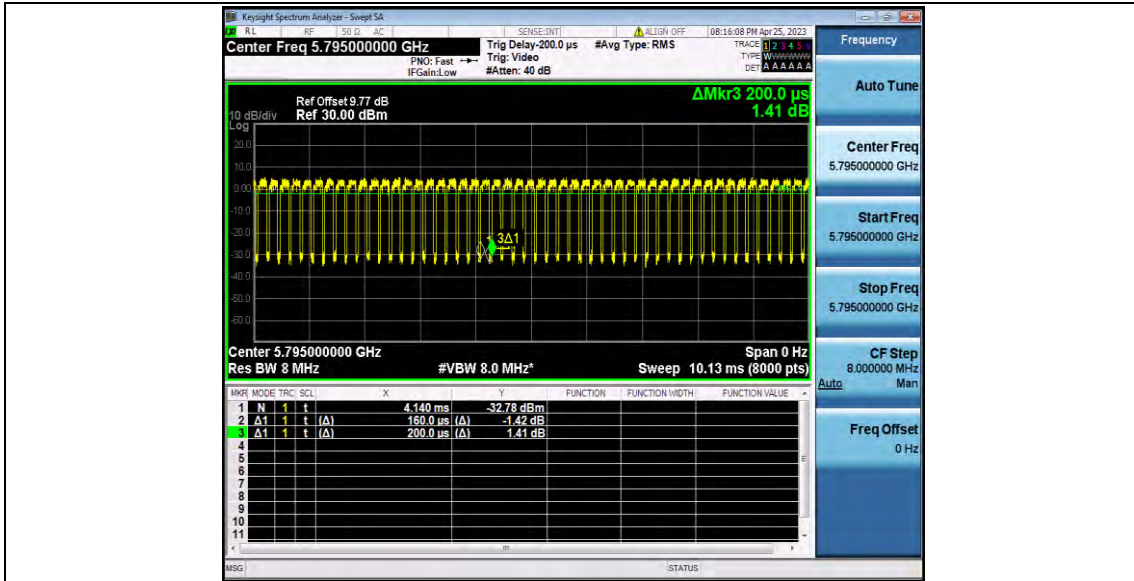
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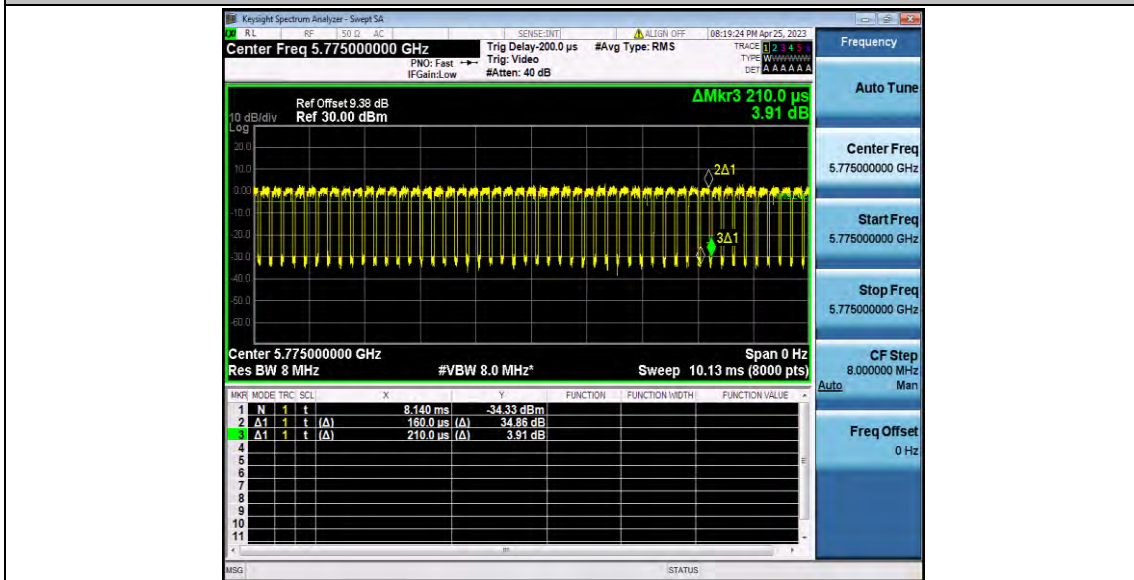
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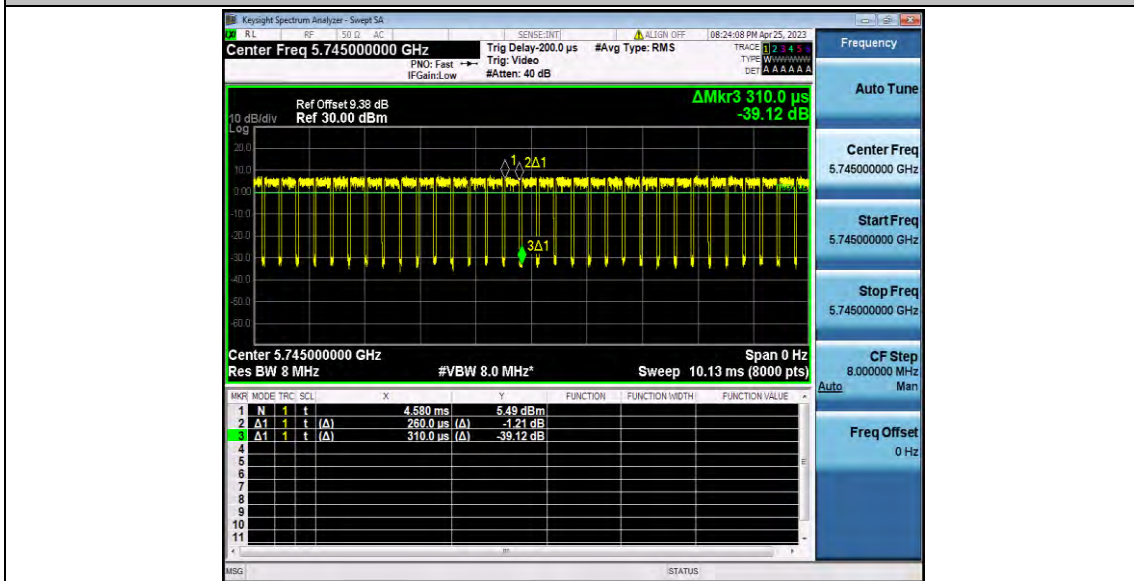
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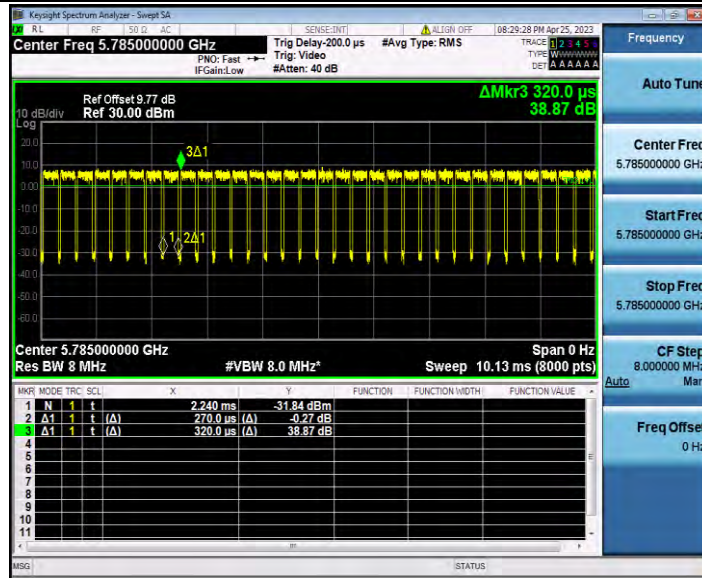
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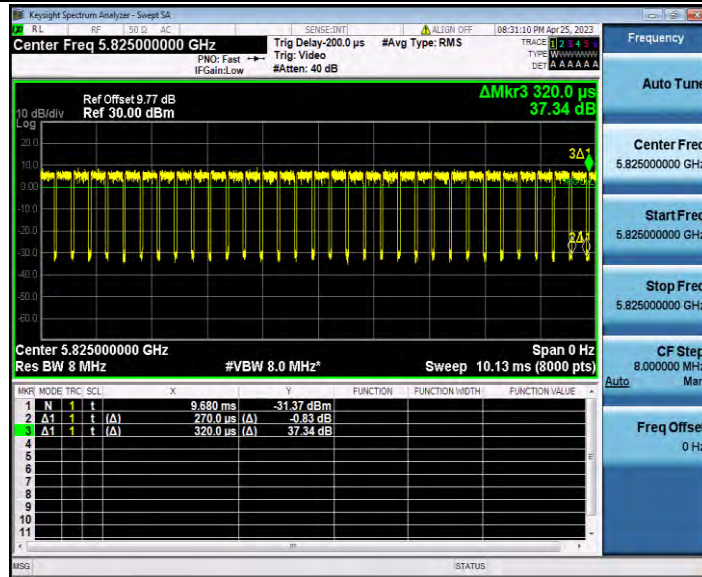
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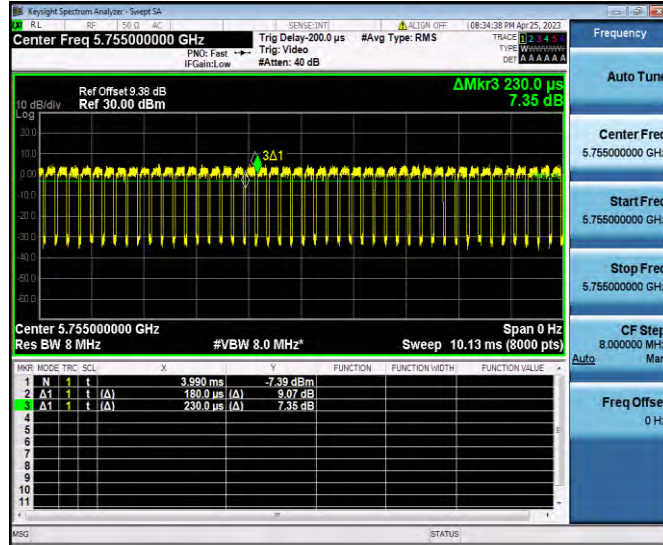
11AX20SISO_Ant2_5745



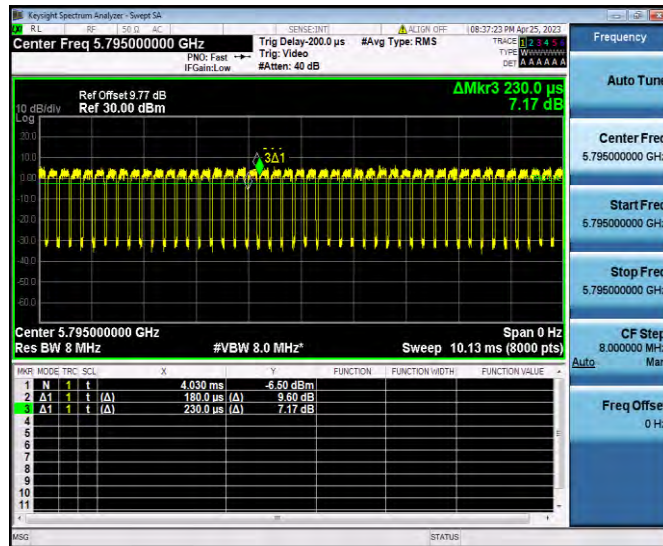
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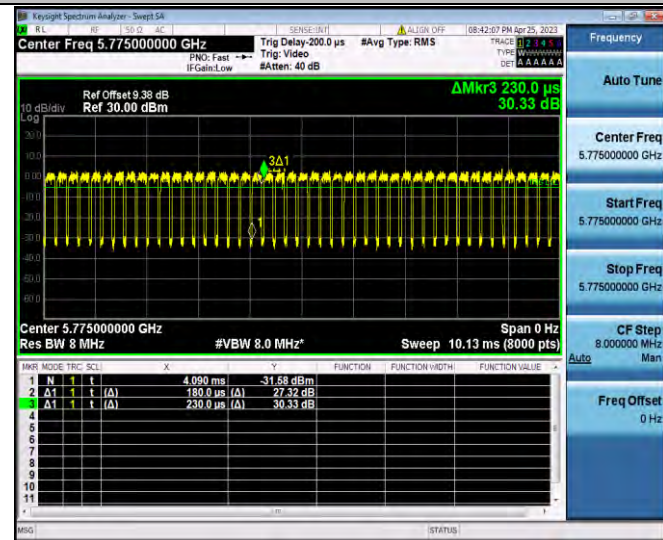
11AX20SISO_Ant2_5825



11AX40SISO_Ant2_5755



11AX40SISO_Ant2_5795



11AX80SISO_Ant2_5775