

Case No. : <u>GTS20221010004-1-5</u>	
Ambient Condition: <u>25</u> °C, <u>45</u> %RH, Atmos100.1Kpa,	
Test Date: <u>2022.10.25</u>	Test Engineer: <u>Jenny zeng</u>

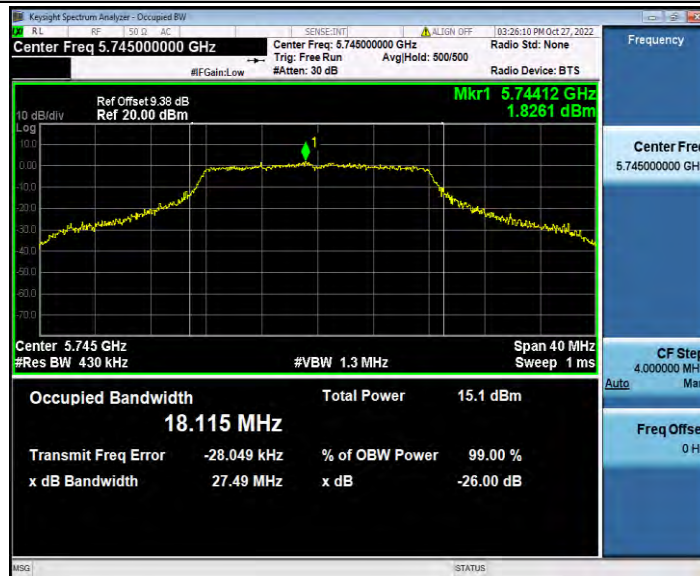
Appendix E.1: Occupied channel bandwidth

Test Result

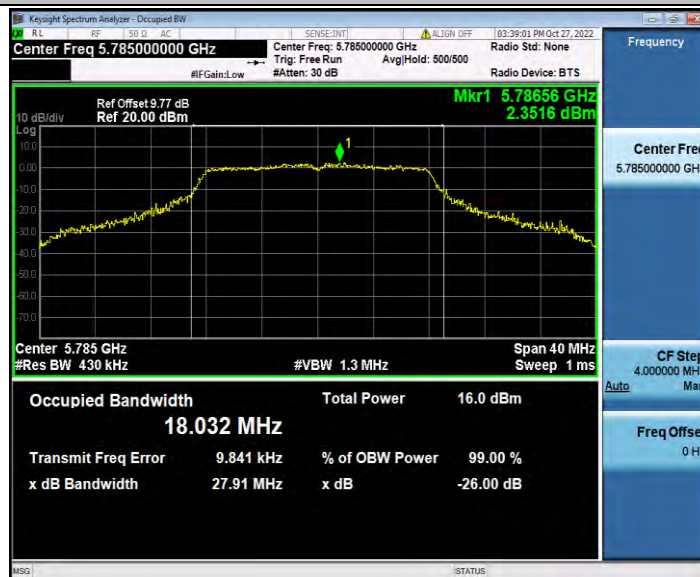
TestMode	Antenna	Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5745	18.115	5735.914	5754.029	---	---
		5785	18.032	5775.994	5794.026	---	---
		5825	18.139	5815.778	5833.917	---	---
11N20SISO	Ant1	5745	19.199	5735.295	5754.494	---	---
		5785	19.148	5775.359	5794.507	---	---
		5825	19.199	5815.258	5834.457	---	---
11N40SISO	Ant1	5755	36.082	5736.964	5773.046	---	---
		5795	35.957	5776.994	5812.951	---	---
11AC20SISO	Ant1	5745	18.280	5735.867	5754.147	---	---
		5785	18.317	5775.831	5794.148	---	---
		5825	18.373	5815.800	5834.173	---	---
11AC40SISO	Ant1	5755	36.003	5737.009	5773.012	---	---
		5795	35.876	5777.059	5812.935	---	---
11AC80SISO	Ant1	5775	74.970	5737.608	5812.578	---	---
11AX20SISO	Ant1	5745	19.237	5735.335	5754.572	---	---
		5785	19.189	5775.390	5794.579	---	---
		5825	19.241	5815.321	5834.562	---	---
11AX40SISO	Ant1	5755	36.003	5737.009	5773.012	---	---
		5795	37.503	5776.212	5813.715	---	---
11AX80SISO	Ant1	5775	76.636	5736.714	5813.350	---	---

Test Graphs

11A_Ant1_5745



11A_Ant1_5785



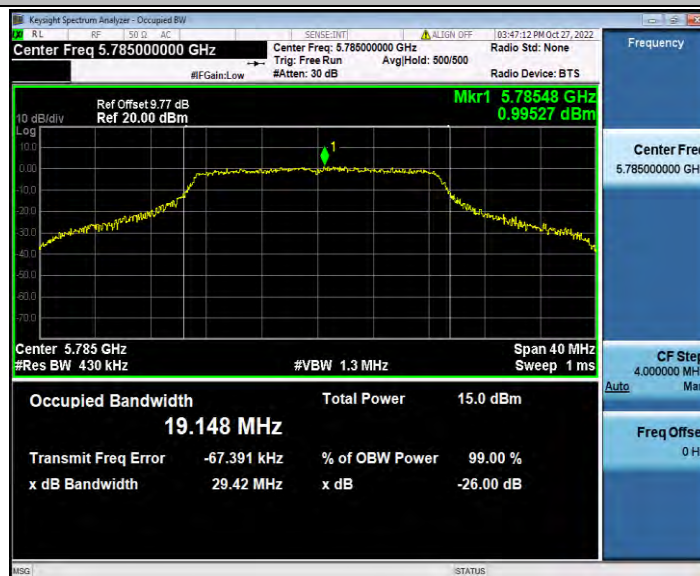
11A_Ant1_5825



11N20SISO_Ant1_5745



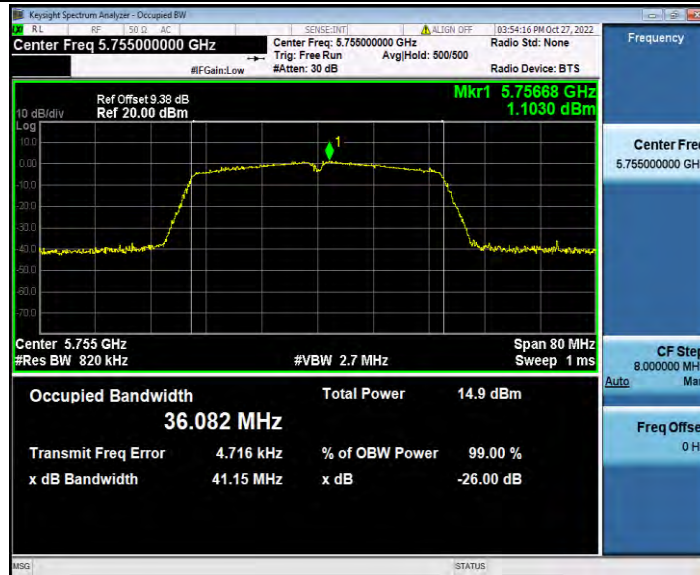
11N20SISO_Ant1_5785



11N20SISO_Ant1_5825



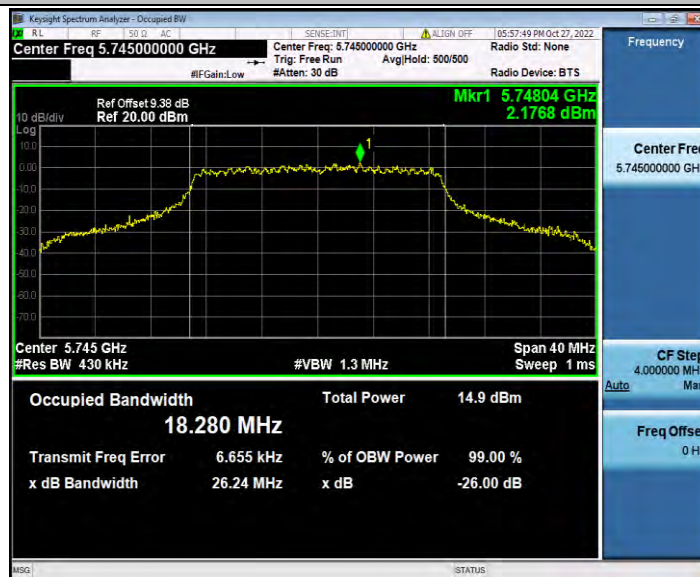
11N40SISO_Ant1_5755



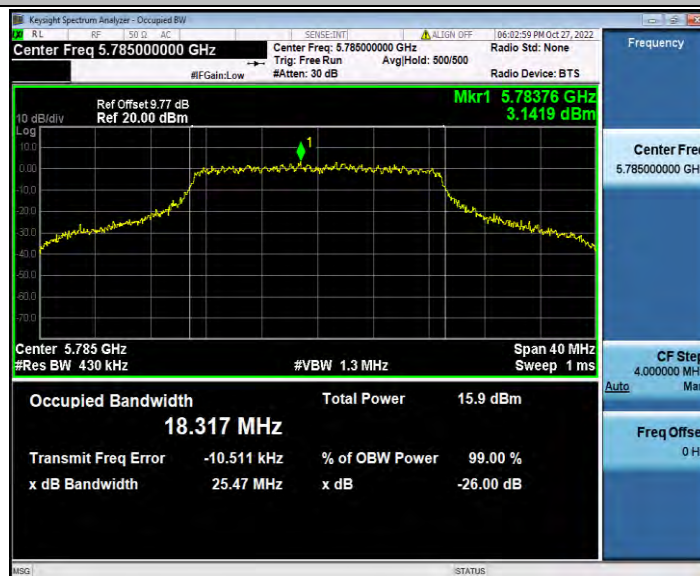
11N40SISO_Ant1_5795



11AC20SISO_Ant1_5745



11AC20SISO_Ant1_5785



11AC20SISO_Ant1_5825



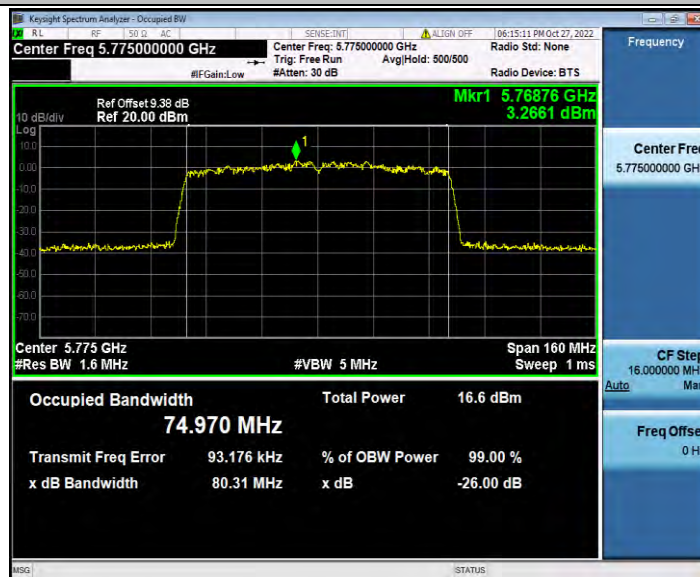
11AC40SISO_Ant1_5755



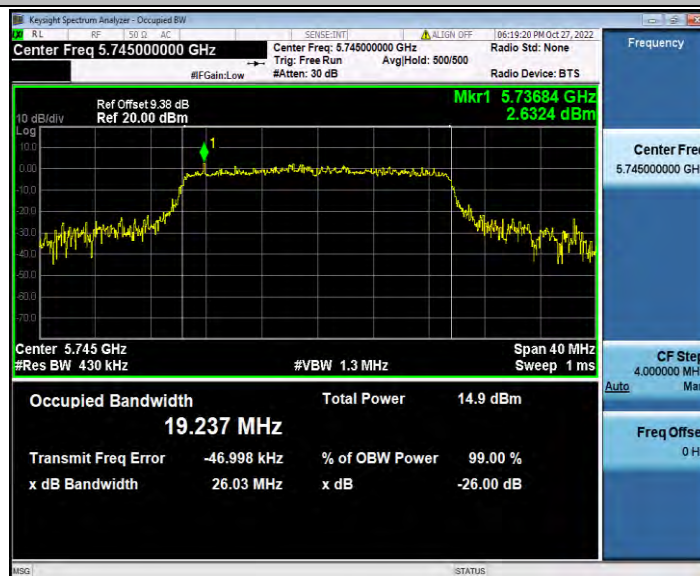
11AC40SISO_Ant1_5795



11AC80SISO_Ant1_5775



11AX20SISO_Ant1_5745



11AX20SISO_Ant1_5785



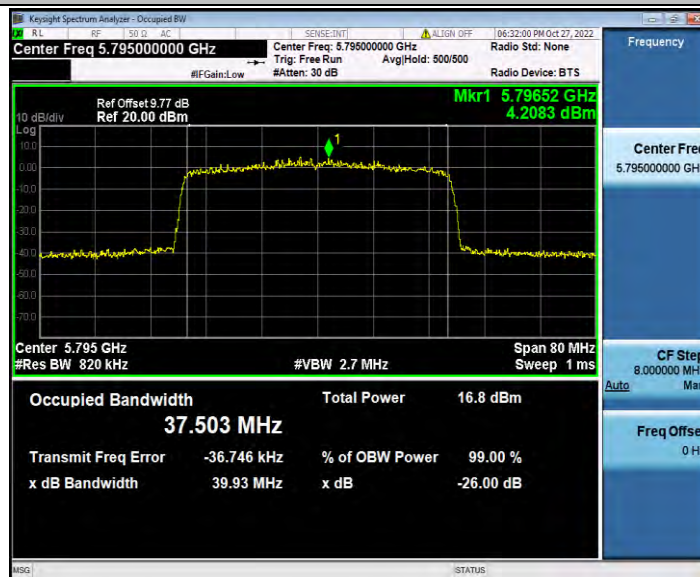
11AX20SISO_Ant1_5825



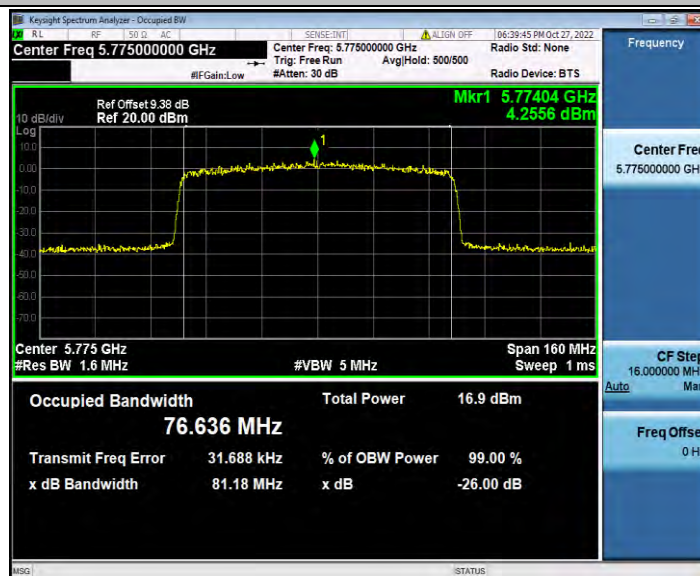
11AX40SISO_Ant1_5755



11AX40SISO_Ant1_5795



11AX80SISO_Ant1_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	Ant1	5745	16.320	5736.800	5753.120	0.5	PASS
		5785	15.400	5777.440	5792.840	0.5	PASS
		5825	15.480	5817.080	5832.560	0.5	PASS
11N20SISO	Ant1	5745	15.720	5737.400	5753.120	0.5	PASS
		5785	16.760	5776.600	5793.360	0.5	PASS
		5825	16.280	5817.080	5833.360	0.5	PASS
11N40SISO	Ant1	5755	35.120	5737.400	5772.520	0.5	PASS
		5795	35.120	5777.400	5812.520	0.5	PASS
11AC20SISO	Ant1	5745	16.920	5736.800	5753.720	0.5	PASS
		5785	17.320	5776.440	5793.760	0.5	PASS
		5825	17.520	5816.200	5833.720	0.5	PASS
11AC40SISO	Ant1	5755	35.040	5737.400	5772.440	0.5	PASS
		5795	35.040	5777.480	5812.520	0.5	PASS
11AC80SISO	Ant1	5775	75.040	5737.400	5812.440	0.5	PASS
11AX20SISO	Ant1	5745	18.680	5735.560	5754.240	0.5	PASS
		5785	18.080	5775.680	5793.760	0.5	PASS
		5825	17.720	5816.000	5833.720	0.5	PASS
11AX40SISO	Ant1	5755	35.040	5737.400	5772.440	0.5	PASS
		5795	35.120	5777.400	5812.520	0.5	PASS
11AX80SISO	Ant1	5775	75.040	5737.400	5812.440	0.5	PASS

Test Graphs B4

11A_Ant1_5745



11A_Ant1_5785



11A_Ant1_5825



11N20SISO_Ant1_5745



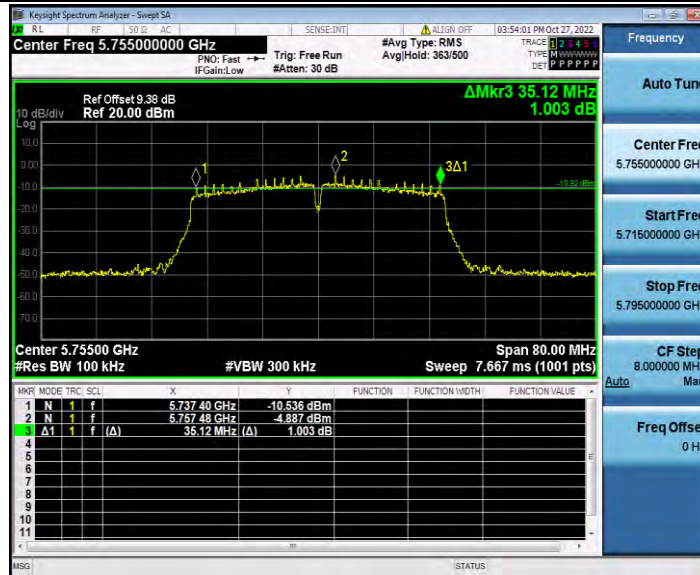
11N20SISO_Ant1_5785



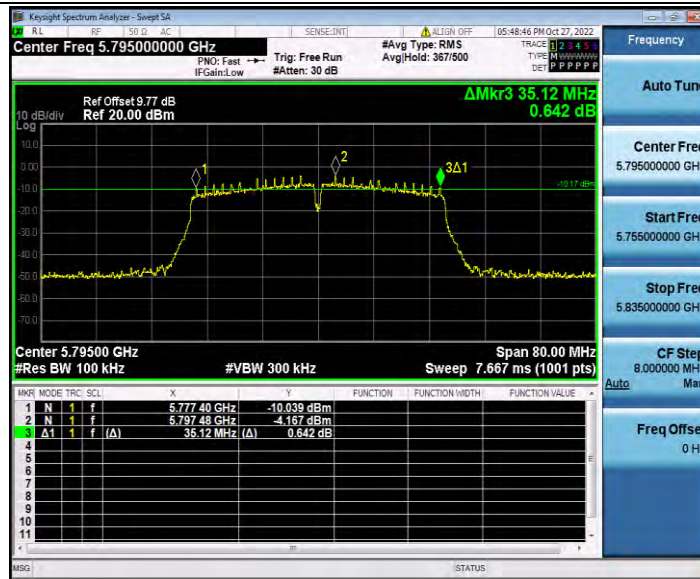
11N20SISO_Ant1_5825



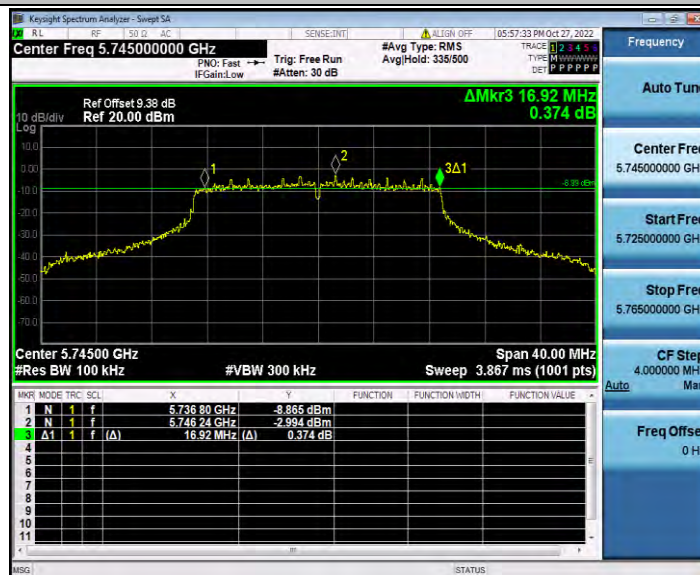
11N40SISO_Ant1_5755



11N40SISO_Ant1_5795



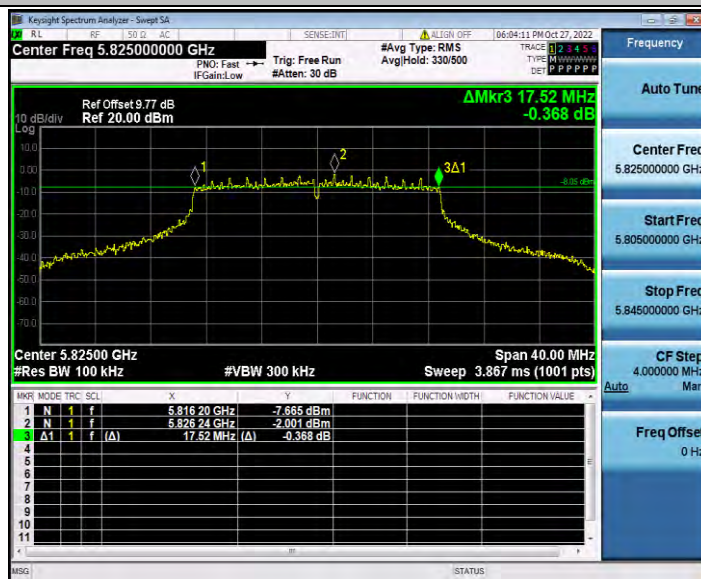
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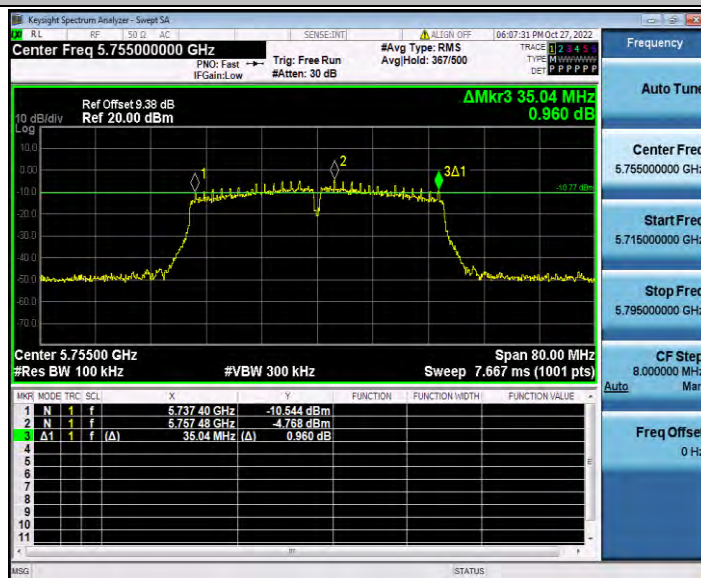
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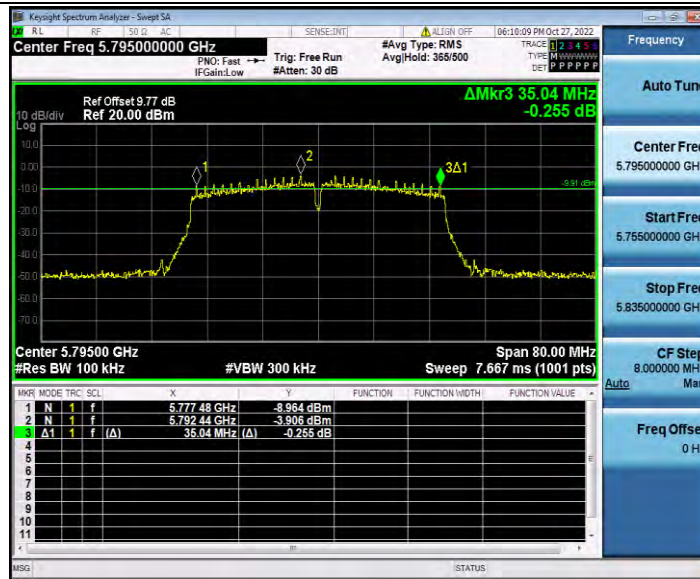
11AC20SISO_Ant1_5825



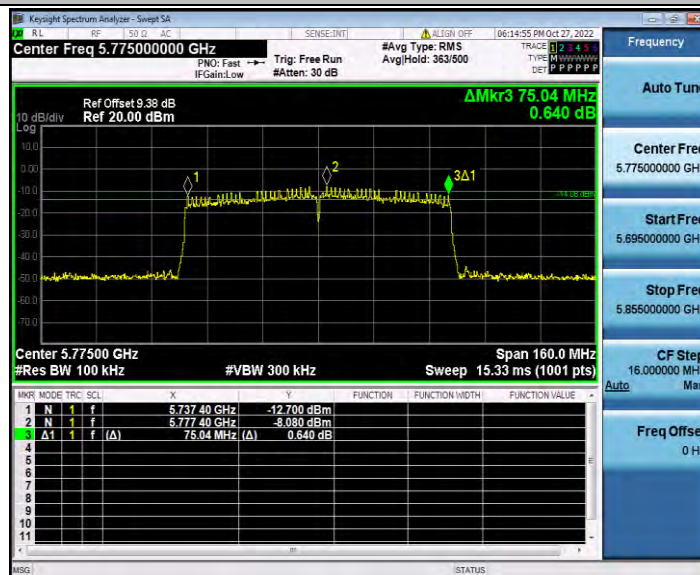
11AC40SISO_Ant1_5755



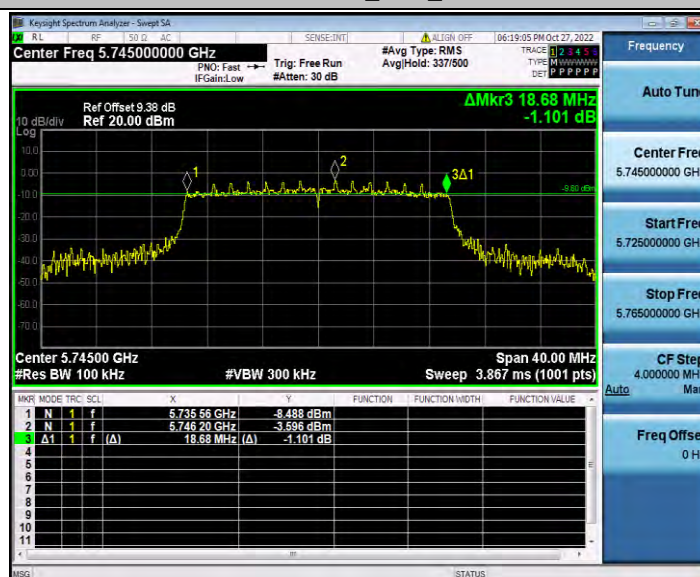
11AC40SISO_Ant1_5795



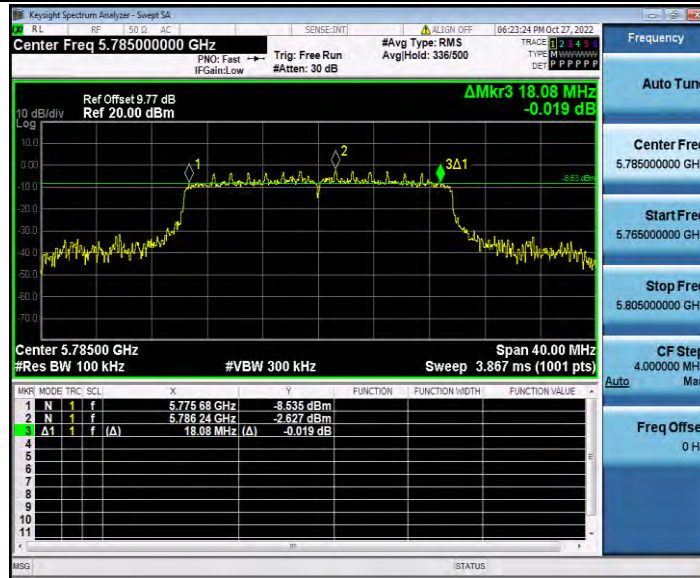
11AC80SISO_Ant1_5775



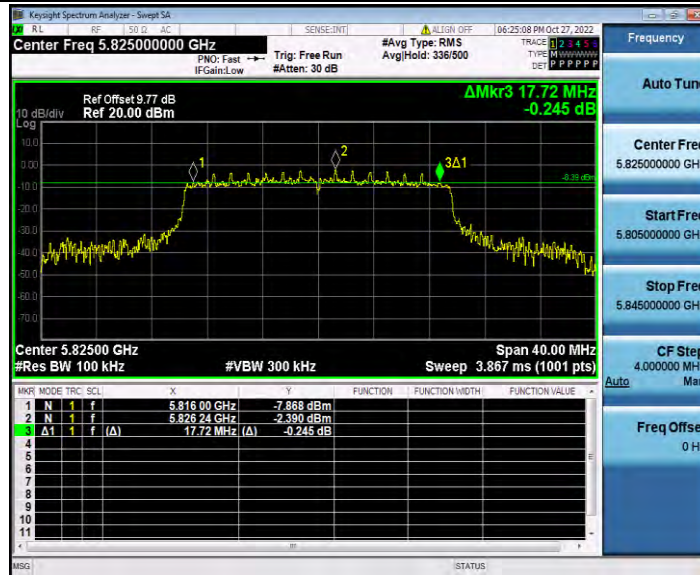
11AX20SISO_Ant1_5745



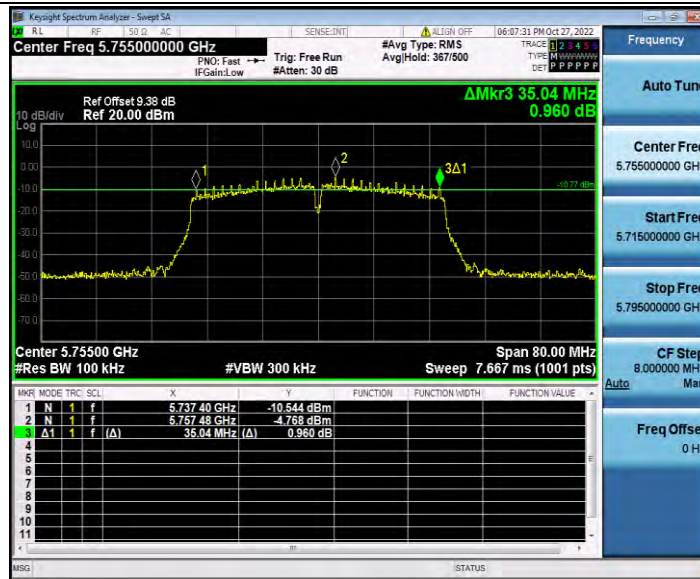
11AX20SISO_Ant1_5785



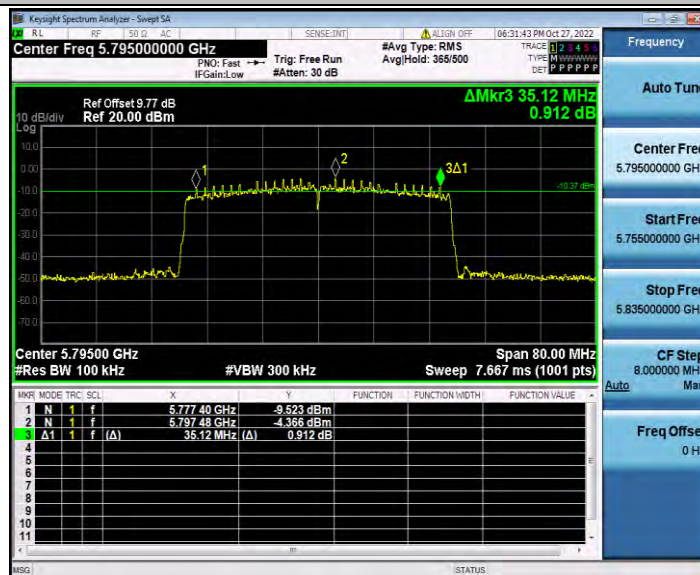
11AX20SISO_Ant1_5825



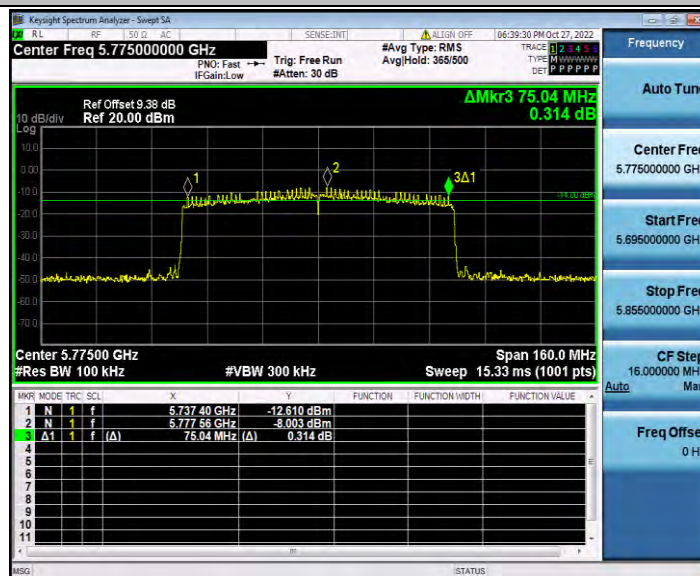
11AX40SISO_Ant1_5755



11AX40ISO_Ant1_5795



11AX80ISO_Ant1_5775



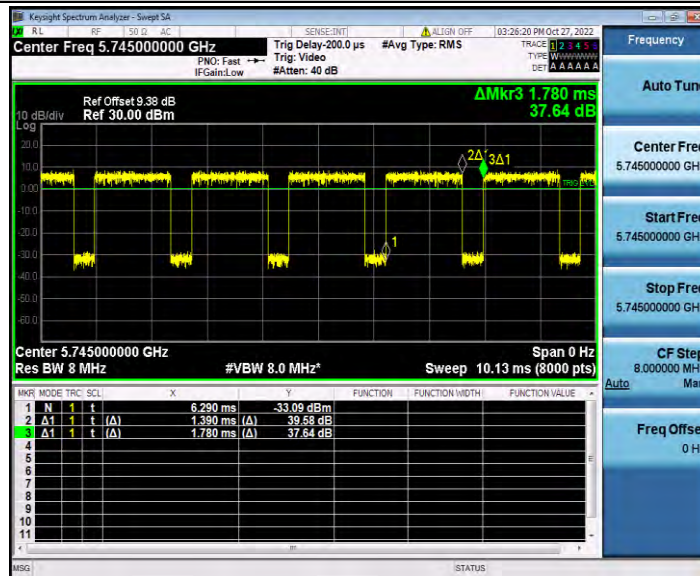
Appendix E.3: Duty Cycle

Test Result

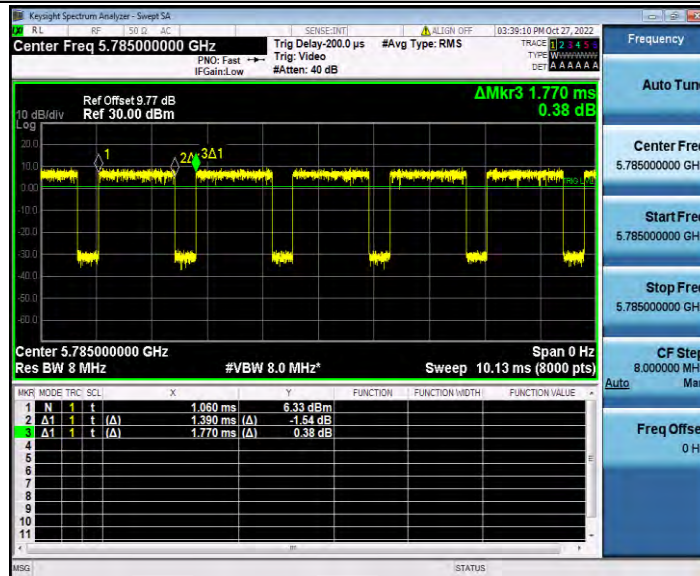
TestMode	Antenna	Frequency[MHz]	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]
11A	Ant1	5745	1.39	1.78	78.09
		5785	1.39	1.77	78.53
		5825	1.40	1.78	78.65
11N20SISO	Ant1	5745	1.30	1.68	77.38
		5785	1.30	1.68	77.38
		5825	1.31	1.69	77.51
11N40SISO	Ant1	5755	0.65	1.01	64.36
		5795	0.64	1.04	61.54
11AC20SISO	Ant1	5745	0.68	1.06	64.15
		5785	0.68	1.07	63.55
		5825	0.68	1.07	63.55
11AC40SISO	Ant1	5755	0.35	0.74	47.30
		5795	0.35	0.74	47.30
11AC80SISO	Ant1	5775	0.18	0.57	31.58
11AX20SISO	Ant1	5745	0.20	0.55	36.36
		5785	0.20	0.55	36.36
		5825	0.21	0.56	37.50
11AX40SISO	Ant1	5755	0.20	0.57	35.09
		5795	0.20	0.55	36.36
11AX80SISO	Ant1	5775	0.20	0.59	33.90

Test Graphs

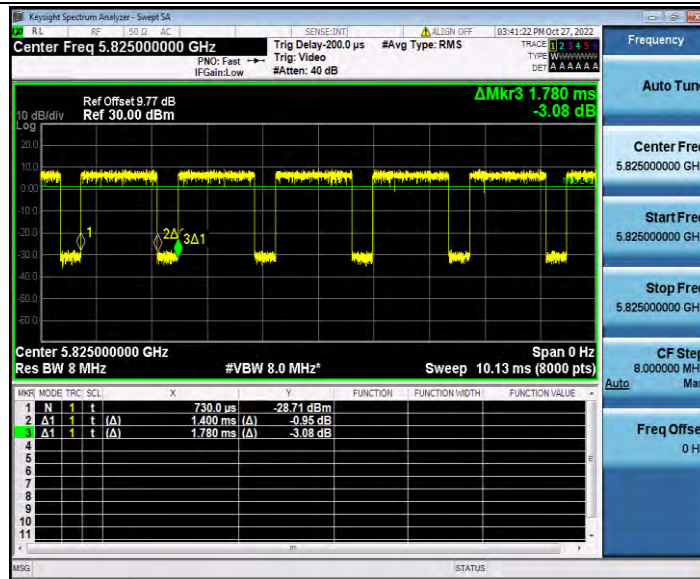
11A_Ant1_5745



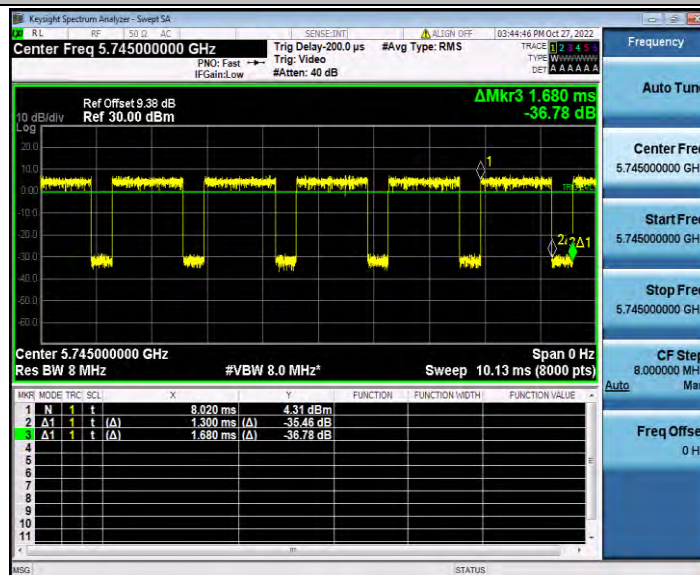
11A_Ant1_5785



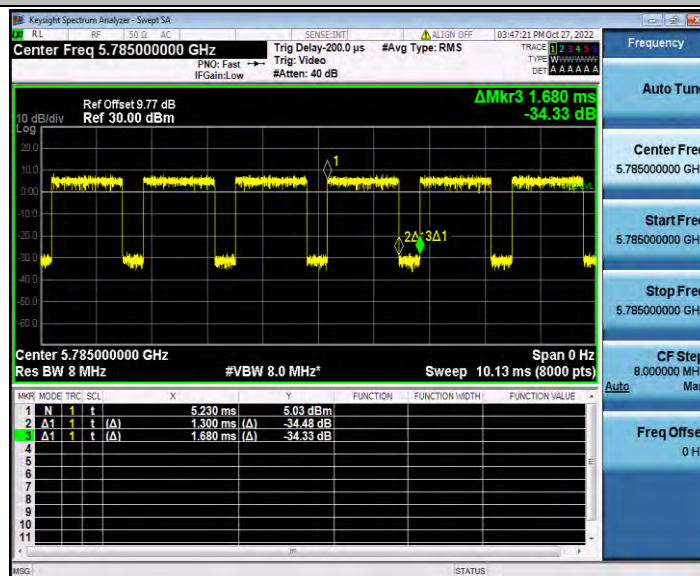
11A_Ant1_5825



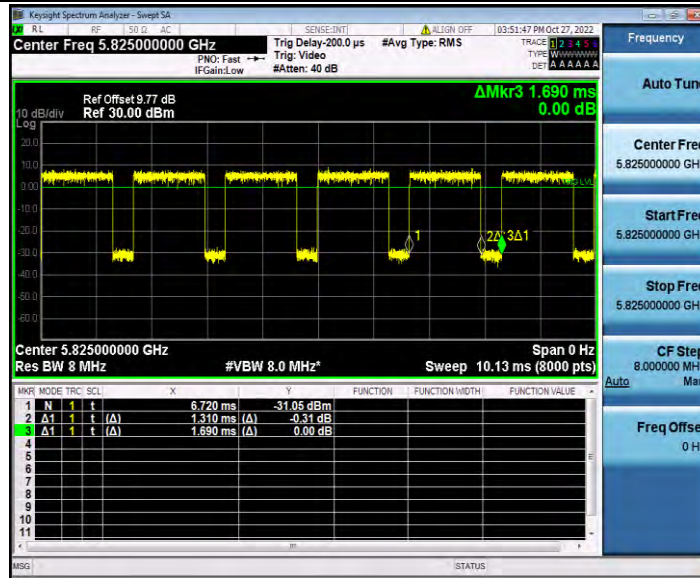
11N20SISO_Ant1_5745



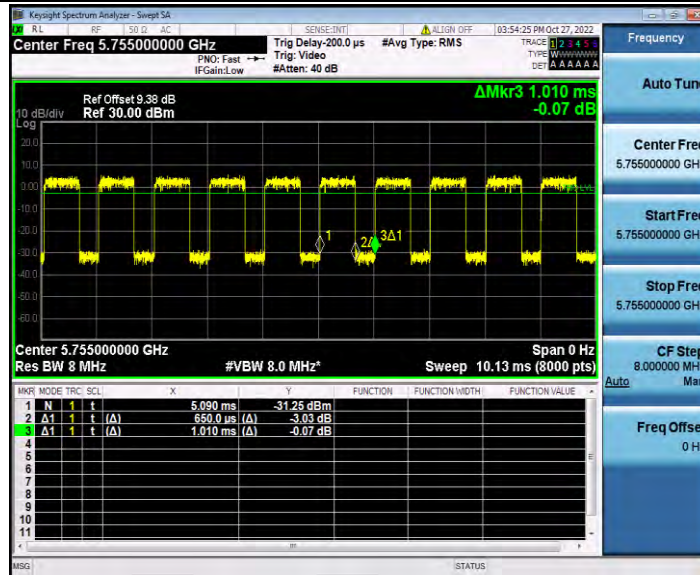
11N20SISO_Ant1_5785



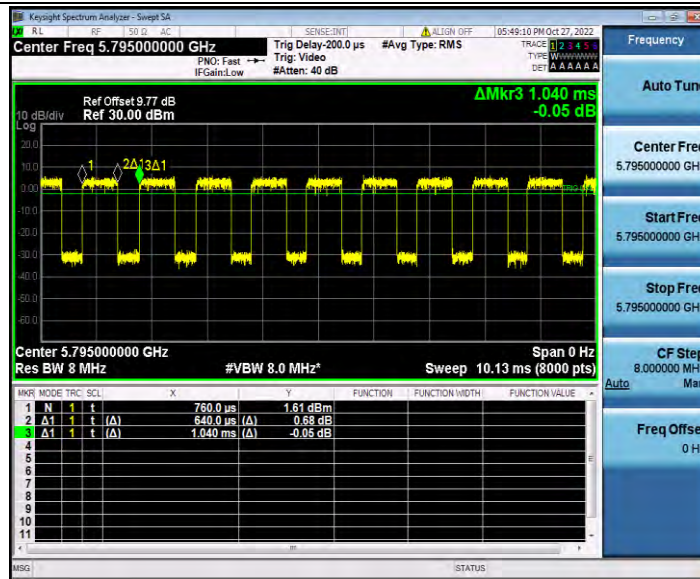
11N20SISO_Ant1_5825



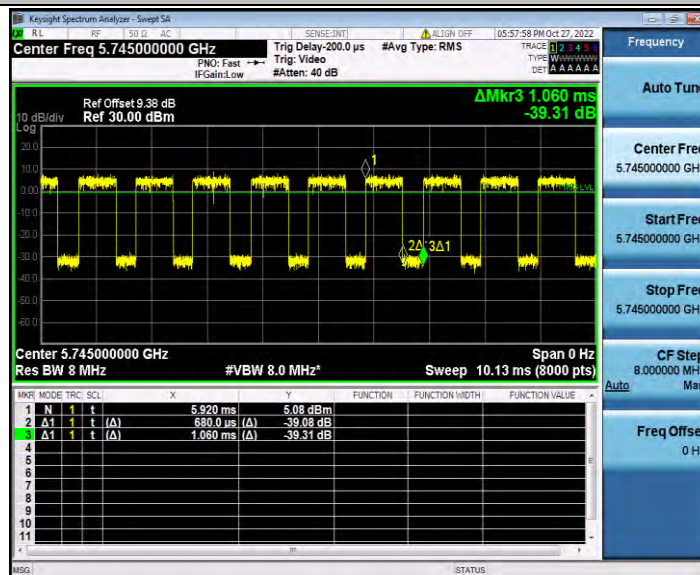
11N40SISO_Ant1_5755



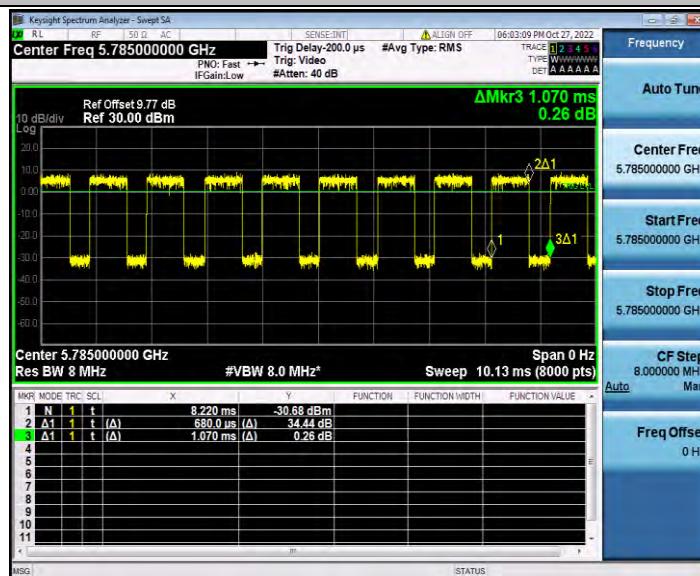
11N40SISO_Ant1_5795



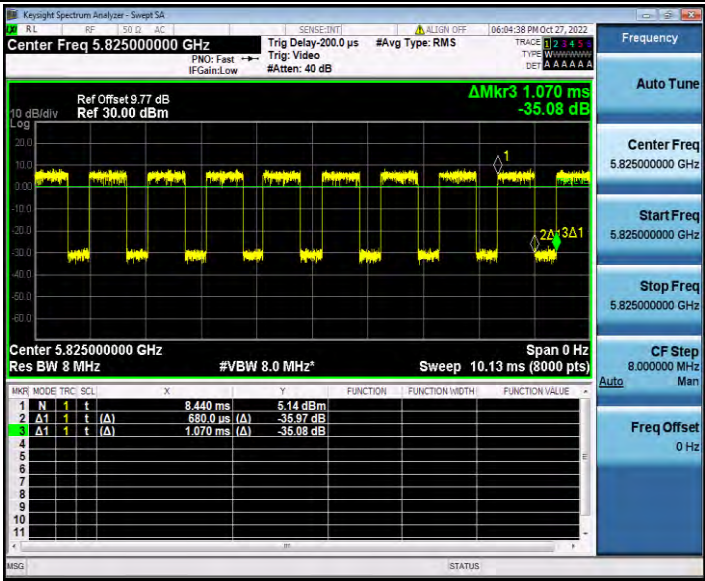
11AC20SISO_Ant1_5745



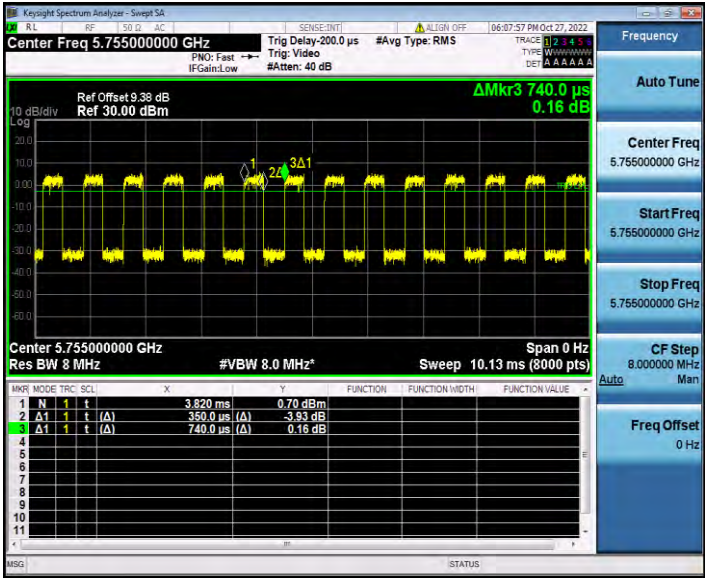
11AC20SISO_Ant1_5785



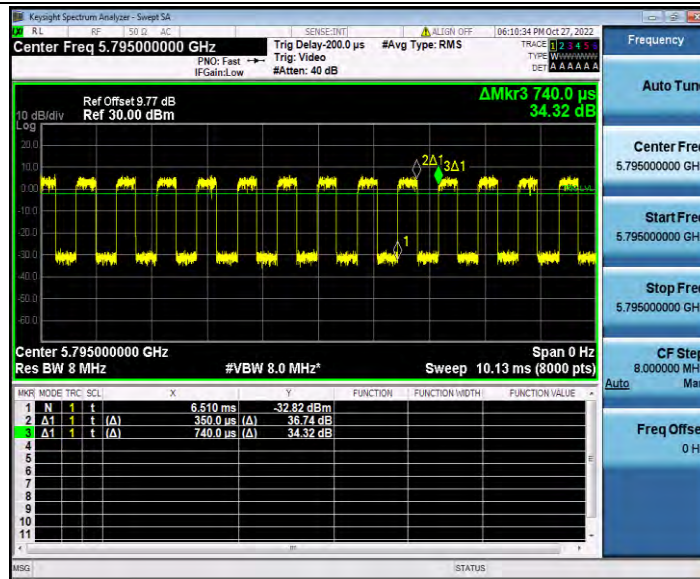
11AC20SISO_Ant1_5825



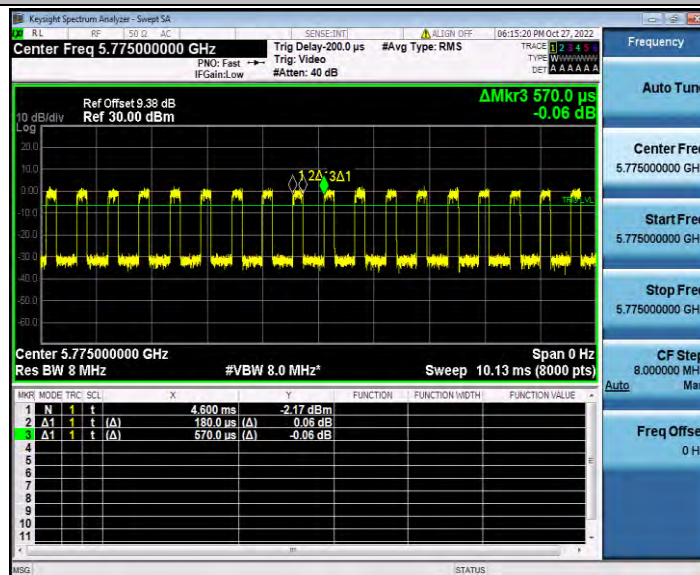
11AC40SISO_Ant1_5755



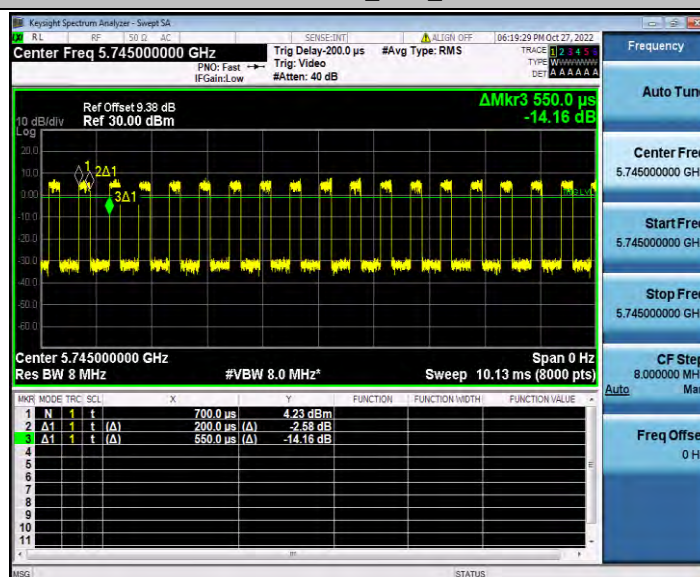
11AC40SISO_Ant1_5795



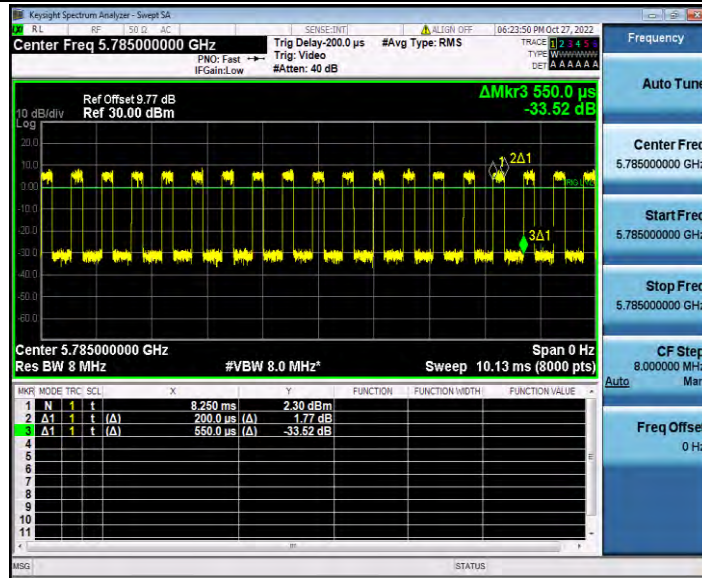
11AC80SISO_Ant1_5775



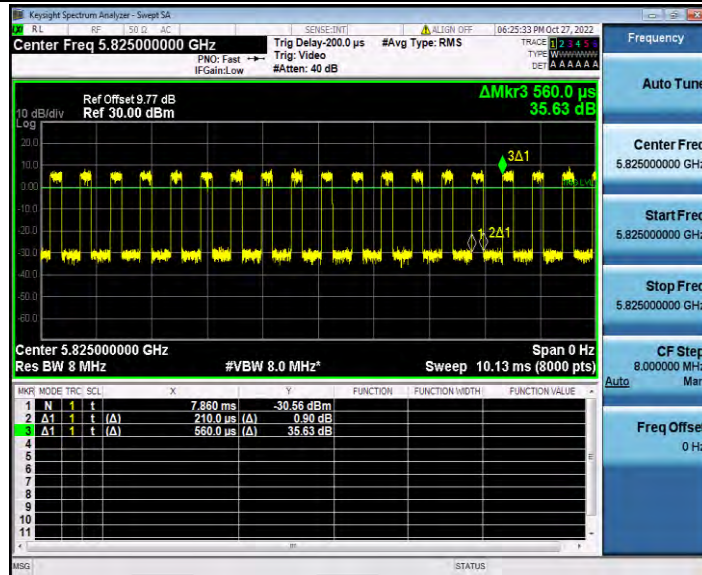
11AX20SISO_Ant1_5745



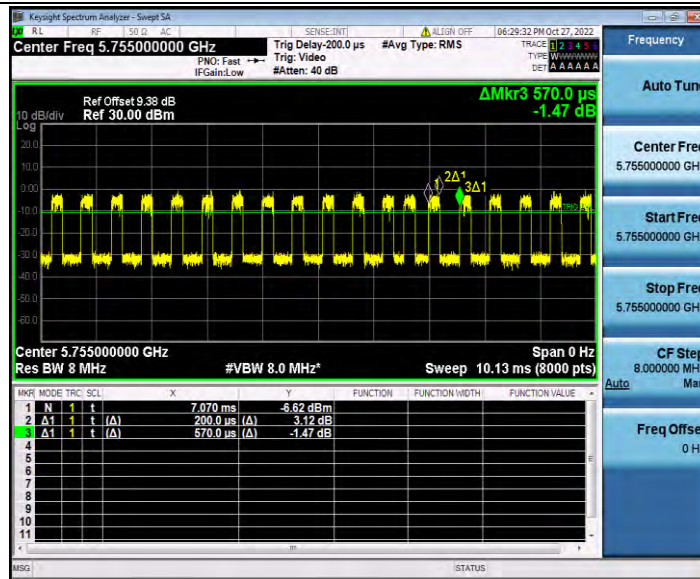
11AX20SISO_Ant1_5785



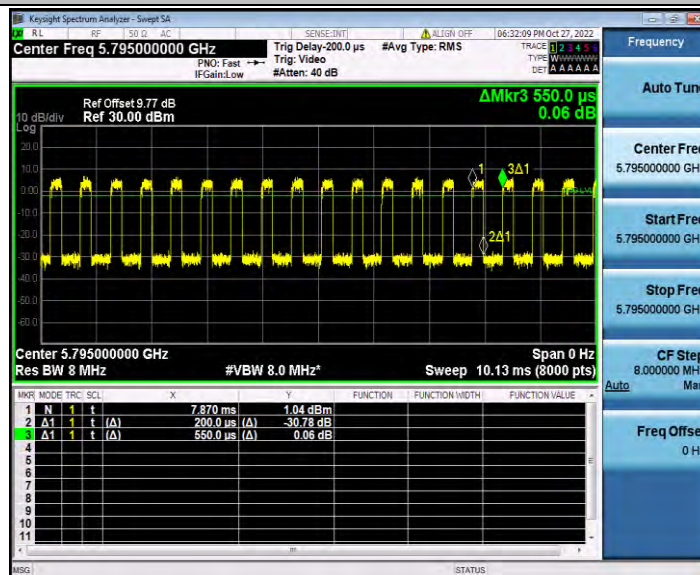
11AX20SISO_Ant1_5825



11AX40SISO_Ant1_5755



11AX40SISO_Ant1_5795



11AX80SISO_Ant1_5775

