

Appendix RF Test Data for 5GWIFI

FCC ID : 2BVLR-AIC-K156

Company : Shanghai AICSHTER Intelligent Technology Co.,Ltd.

EUT : Rugged Notebook computer

Model Number : AIC-K156

Report No. : CTA25061701003

Reviewed By : Eric Wang

Appendix RF Test Data for 5GWIFI ANT1

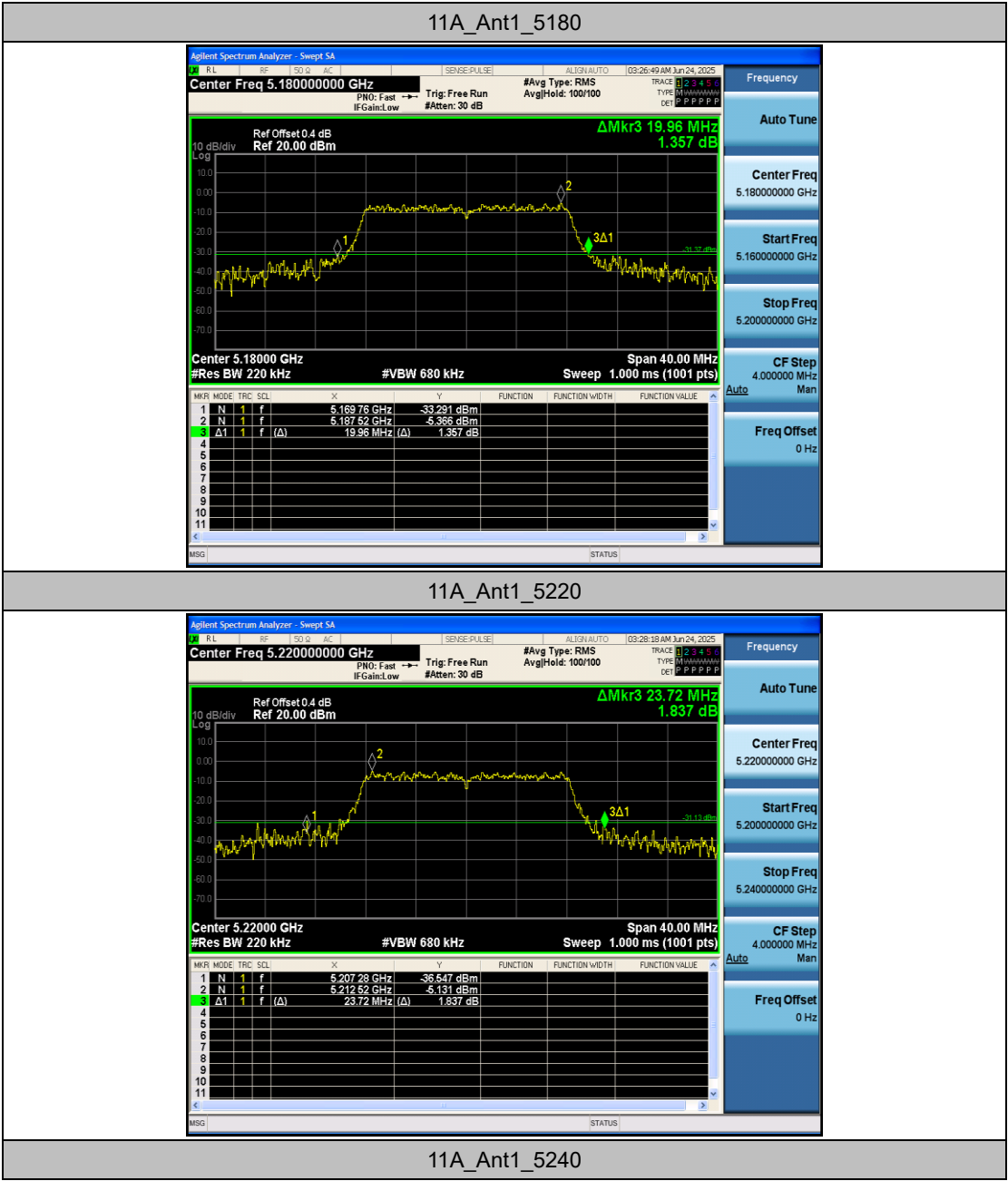
Appendix A1: Emission Bandwidth

Test Result

TestMode	Antenna	Freq(MHz)	26db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5180	19.960	5169.760	5189.720	---	---
		5220	23.720	5207.280	5231.000	---	---
		5240	21.520	5228.120	5249.640	---	---
		5745	21.080	5735.160	5756.240	---	---
		5785	20.560	5774.120	5794.680	---	---
		5825	25.280	5812.440	5837.720	---	---
11N20SISO	Ant1	5180	24.200	5168.400	5192.600	---	---
		5220	25.520	5207.360	5232.880	---	---
		5240	26.000	5227.360	5253.360	---	---
		5745	24.360	5733.080	5757.440	---	---
		5785	24.720	5772.880	5797.600	---	---
		5825	24.880	5812.800	5837.680	---	---
11N40SISO	Ant1	5190	43.360	5168.800	5212.160	---	---
		5230	42.800	5209.040	5251.840	---	---
		5755	43.680	5733.720	5777.400	---	---
		5795	48.400	5773.720	5822.120	---	---
11AC20SISO	Ant1	5180	21.800	5168.840	5190.640	---	---
		5220	23.520	5209.360	5232.880	---	---
		5240	23.480	5228.640	5252.120	---	---
		5745	26.960	5730.720	5757.680	---	---
		5785	25.000	5772.880	5797.880	---	---
		5825	19.880	5815.080	5834.960	---	---
11AC40SISO	Ant1	5190	51.600	5164.240	5215.840	---	---
		5230	42.720	5209.120	5251.840	---	---
		5755	52.080	5732.760	5784.840	---	---
		5795	47.440	5774.520	5821.960	---	---
11AC80SISO	Ant1	5210	85.600	5167.600	5253.200	---	---
		5775	84.160	5733.720	5817.880	---	---
11AX20SISO	Ant1	5180	26.640	5169.080	5195.720	---	---
		5220	19.640	5210.160	5229.800	---	---
		5240	23.600	5228.560	5252.160	---	---
		5745	25.360	5731.120	5756.480	---	---
		5785	21.000	5774.120	5795.120	---	---
		5825	26.080	5812.640	5838.720	---	---
11AX40SISO	Ant1	5190	41.840	5170.240	5212.080	---	---
		5230	41.840	5210.160	5252.000	---	---
		5755	53.120	5728.760	5781.880	---	---

		5795	53.280	5771.640	5824.920	---	---
11AX80SISO	Ant1	5210	86.880	5167.280	5254.160	---	---
		5775	84.640	5734.040	5818.680	---	---

Test Graphs

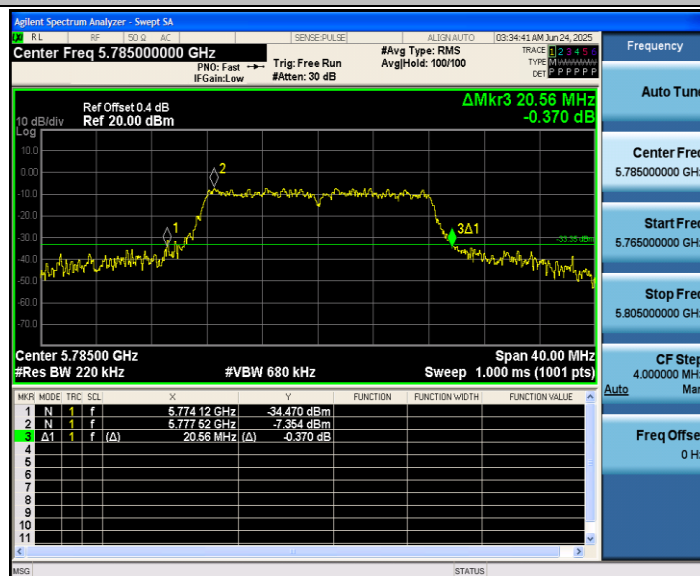




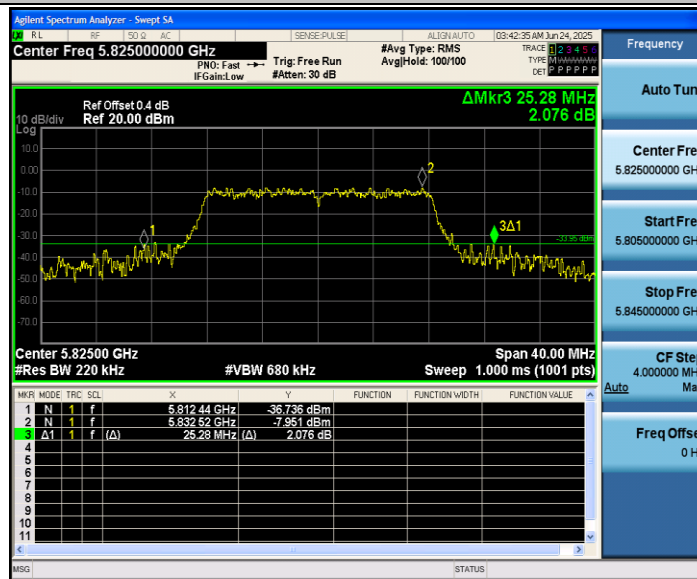
11A_Ant1_5745



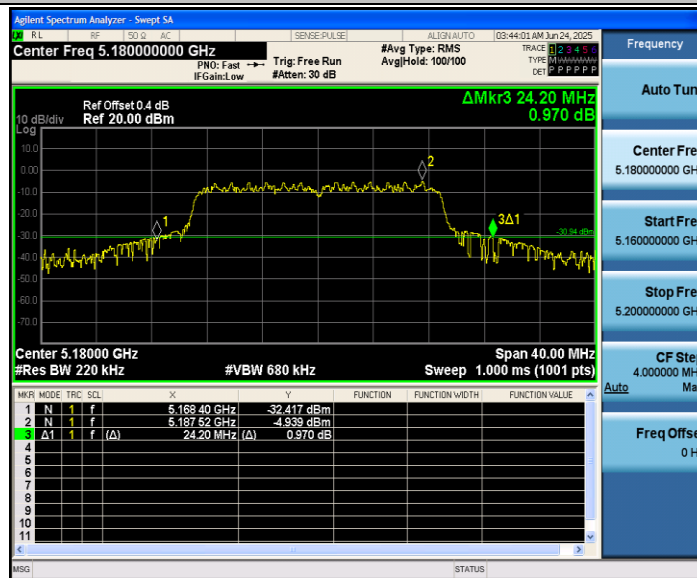
11A_Ant1_5785



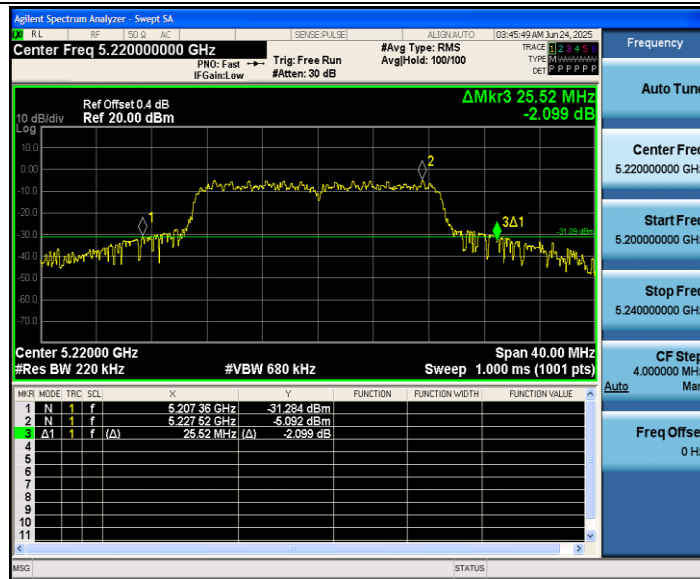
11A_Ant1_5825



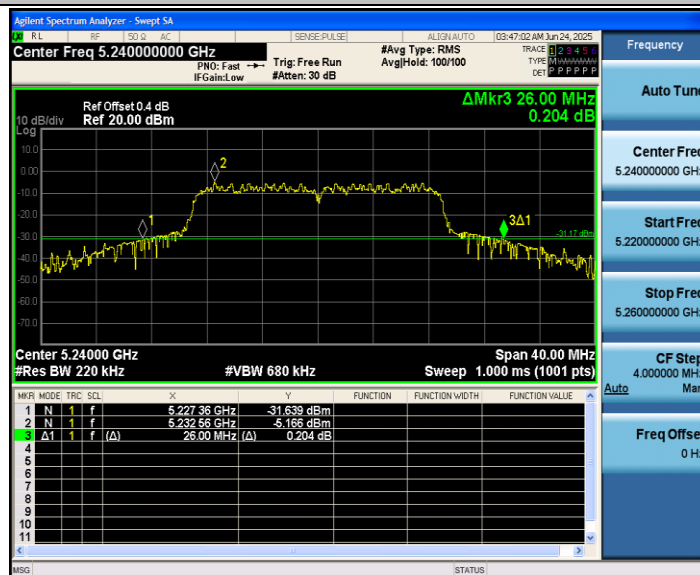
11N20SISO_Ant1_5180



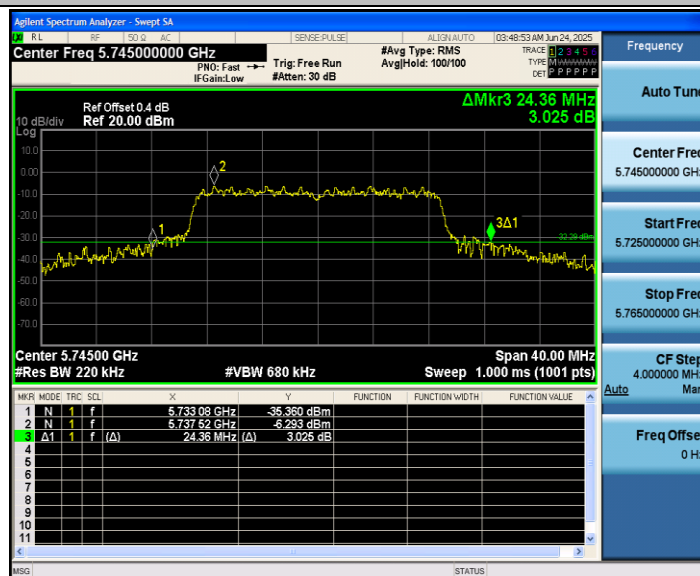
11N20SISO_Ant1_5220



11N20SISO_Ant1_5240



11N20SISO_Ant1_5745



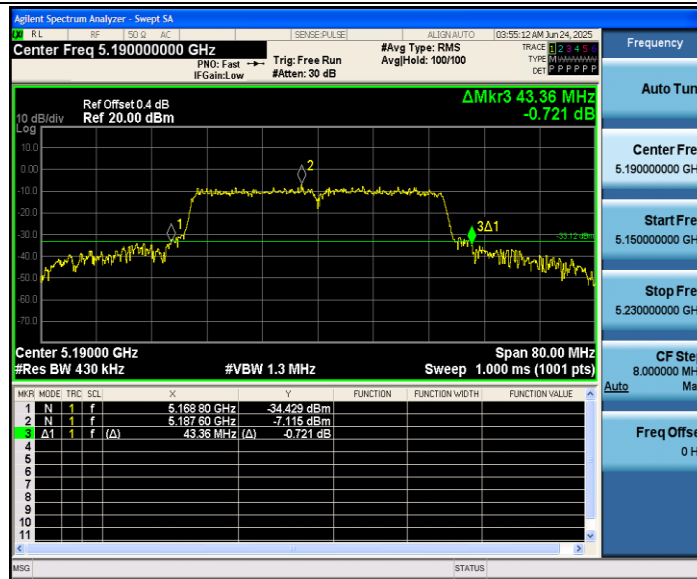
11N20SISO_Ant1_5785



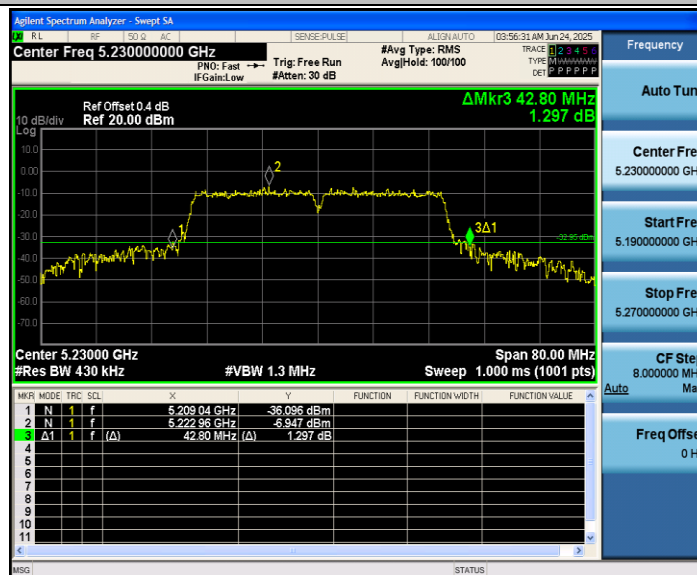
11N20SISO_Ant1_5825



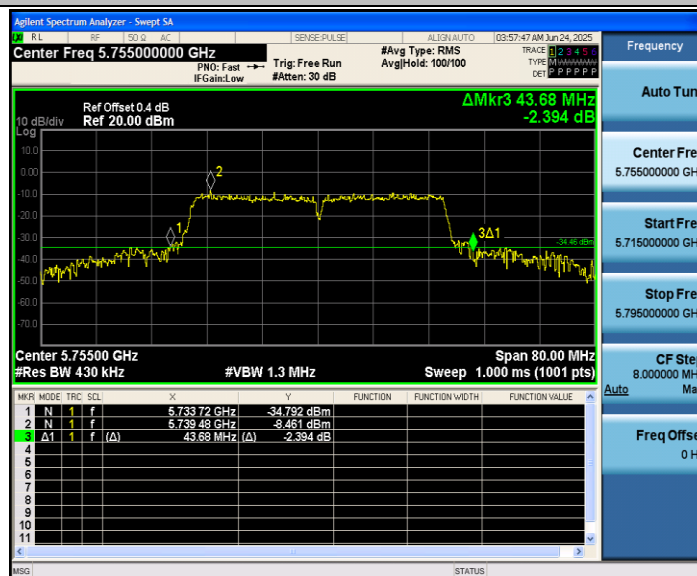
11N40SISO_Ant1_5190



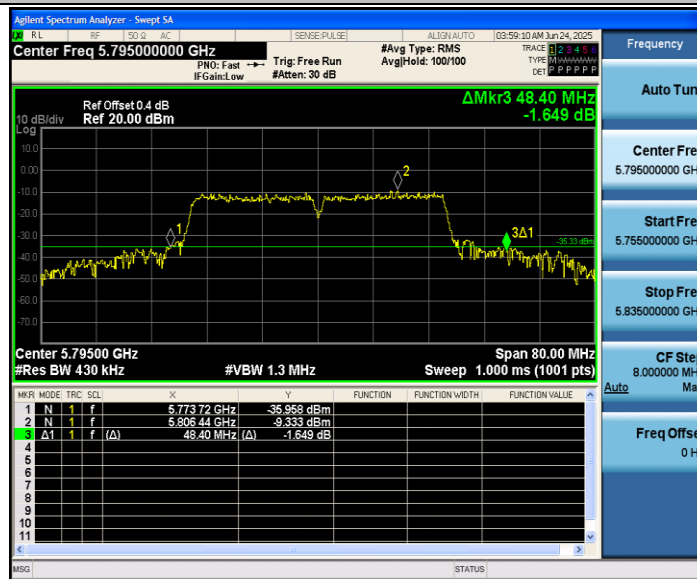
11N40SISO_Ant1_5230



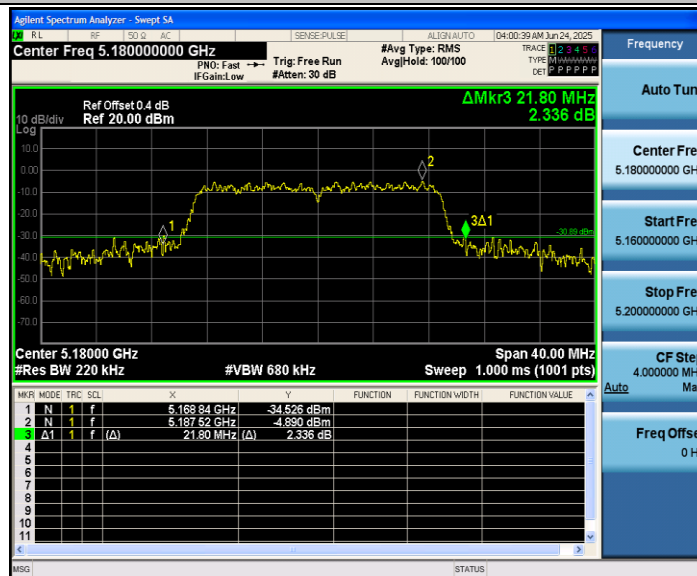
11N40SISO_Ant1_5755



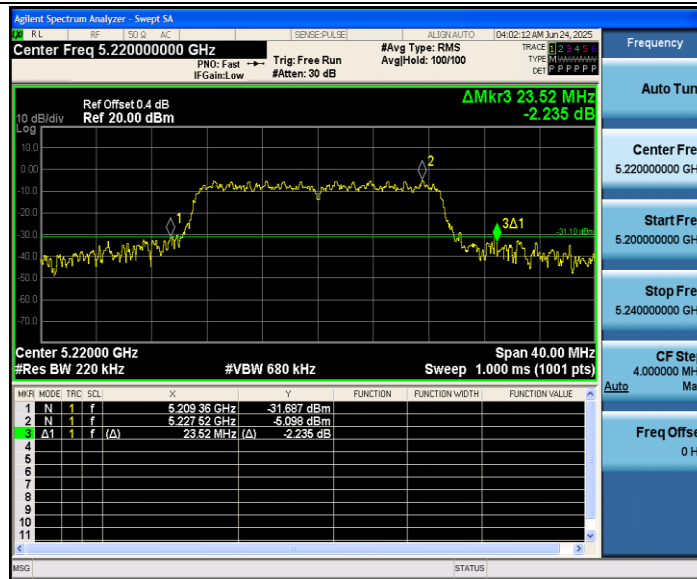
11N40SISO_Ant1_5795



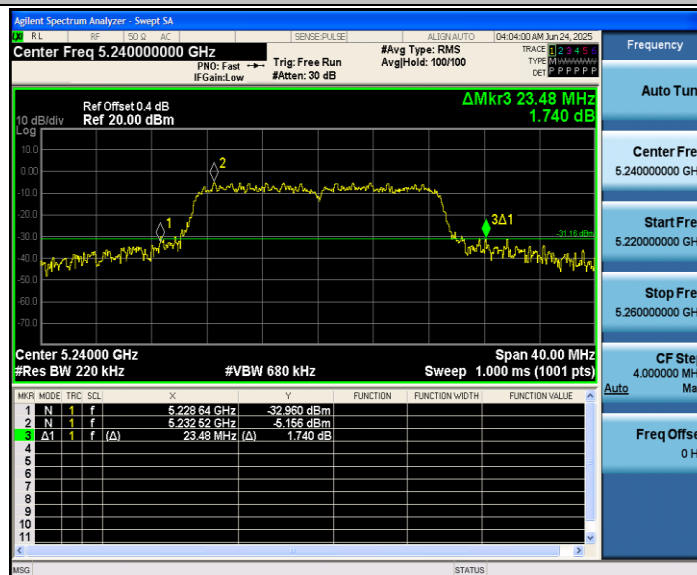
11AC20SISO_Ant1_5180



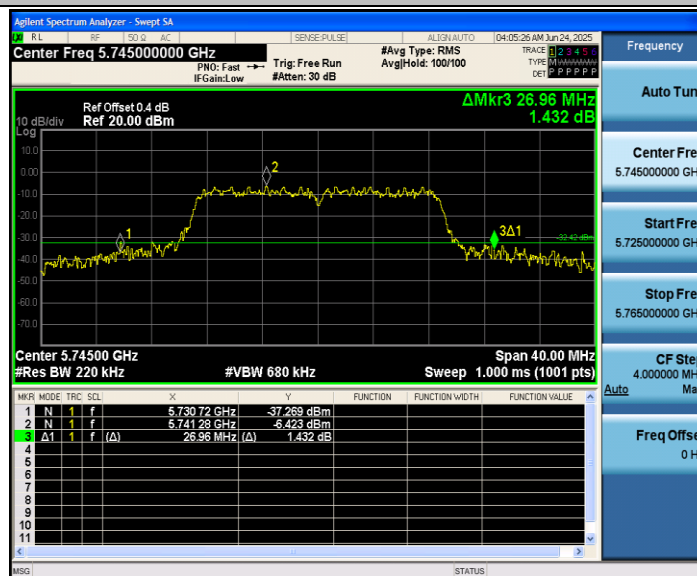
11AC20SISO_Ant1_5220



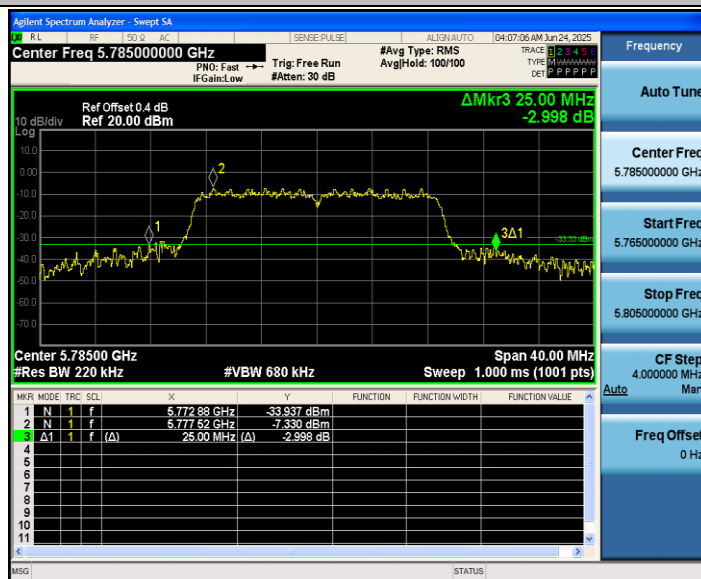
11AC20SISO_Ant1_5240



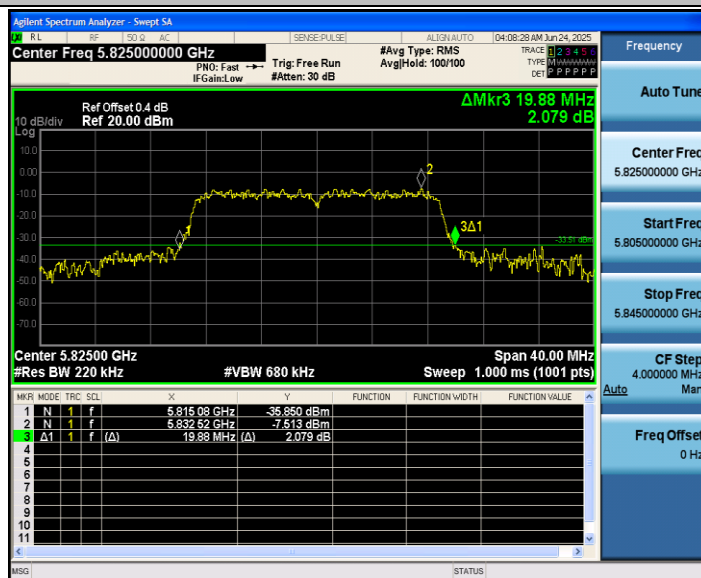
11AC20SISO_Ant1_5745



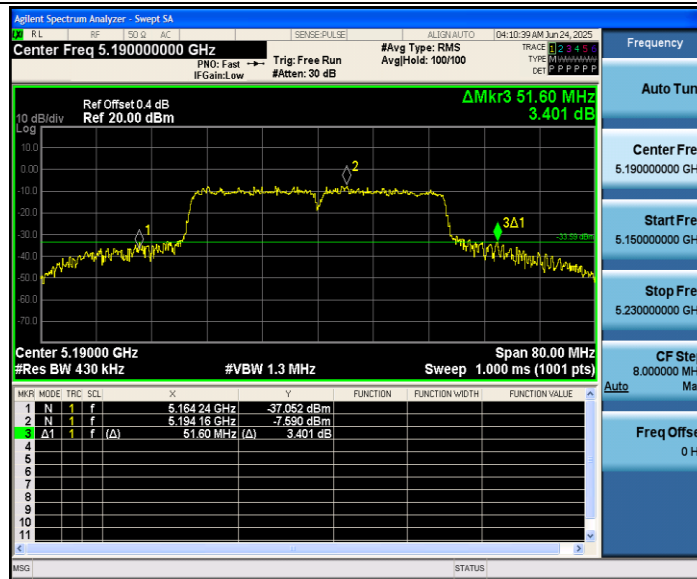
11AC20SISO_Ant1_5785



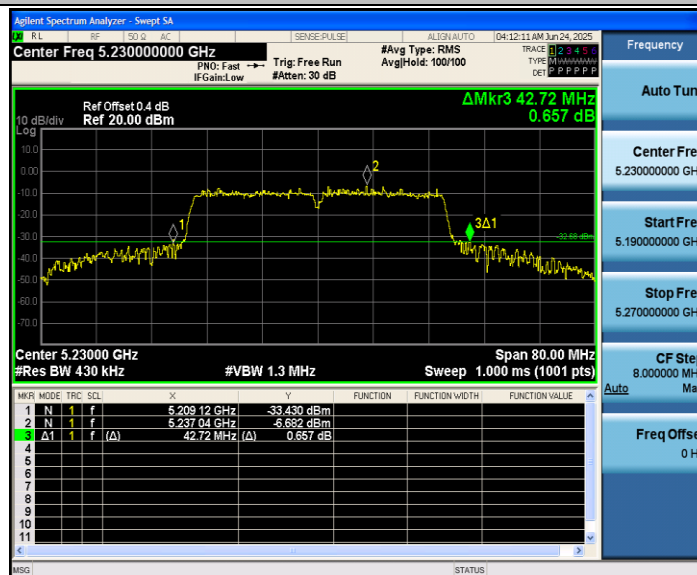
11AC20SISO_Ant1_5825



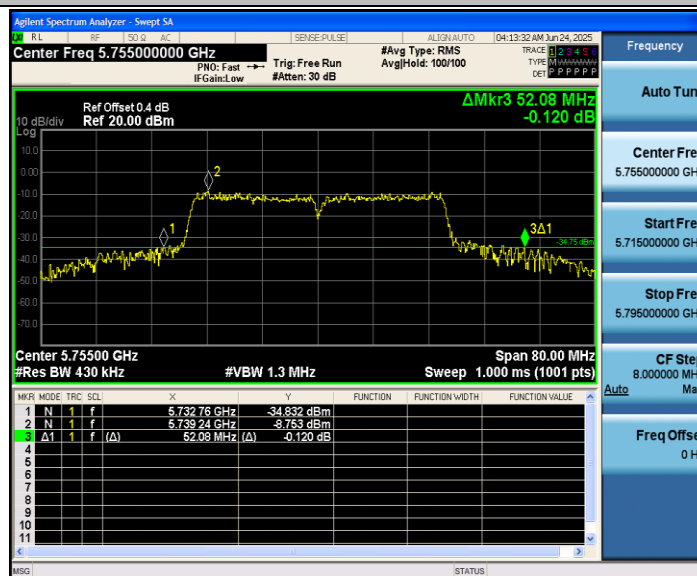
11AC40SISO_Ant1_5190



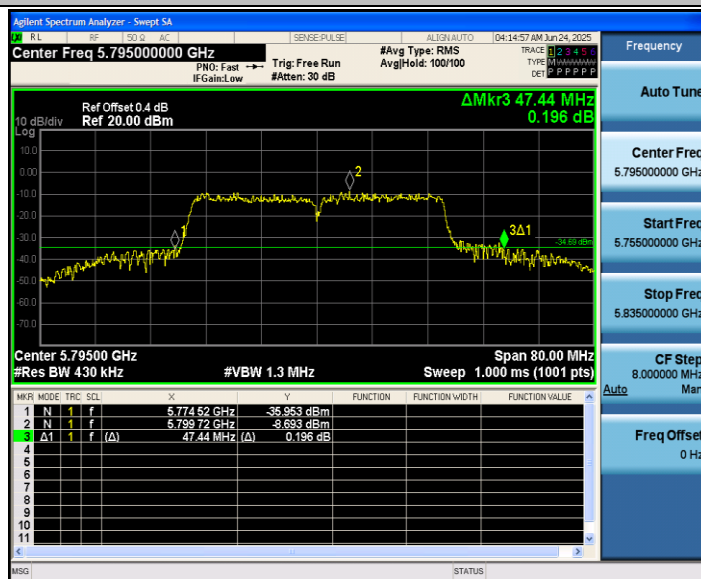
11AC40SISO_Ant1_5230



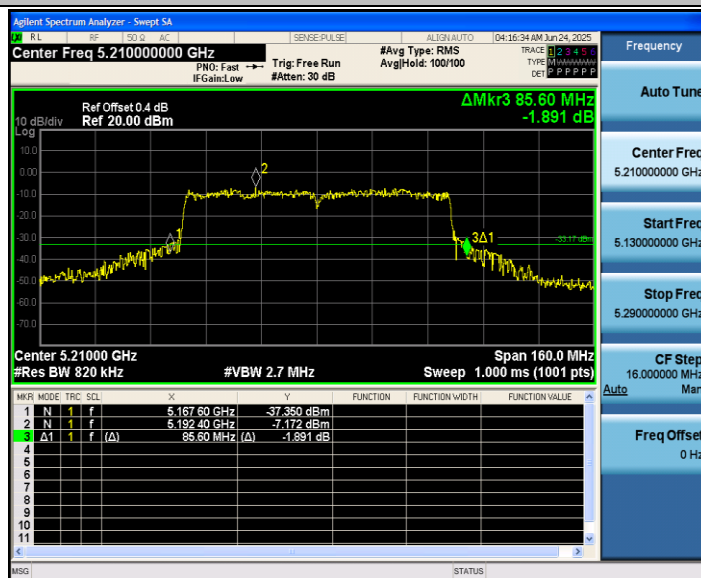
11AC40SISO_Ant1_5755



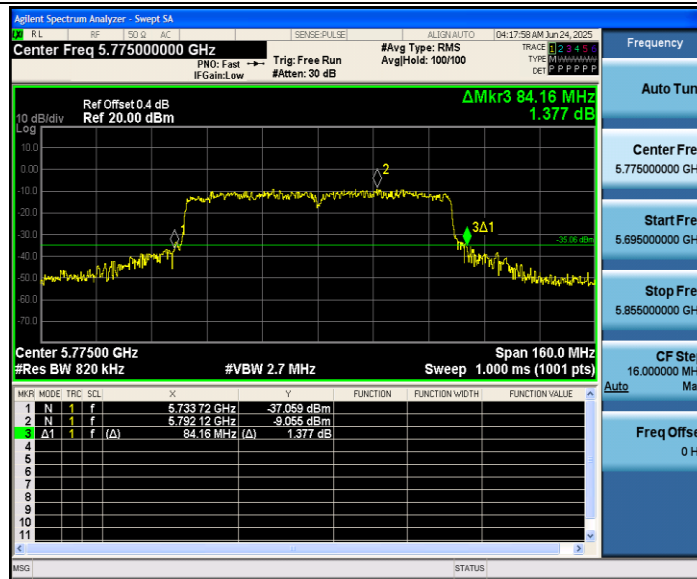
11AC40SISO_Ant1_5795



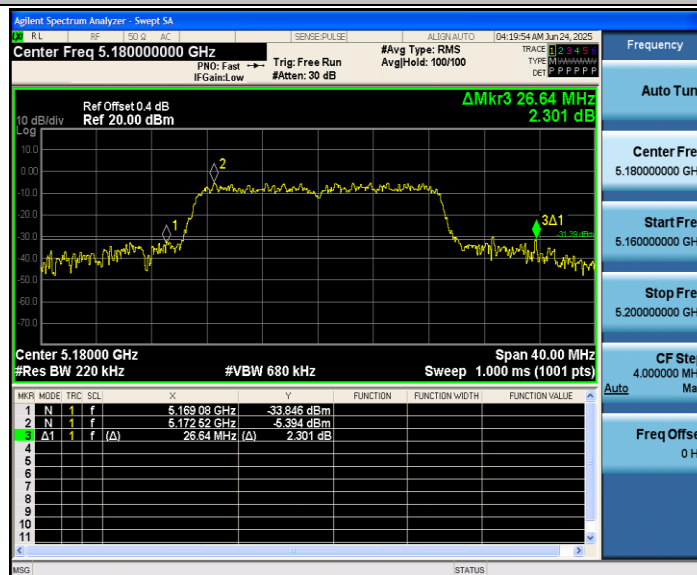
11AC80SISO_Ant1_5210



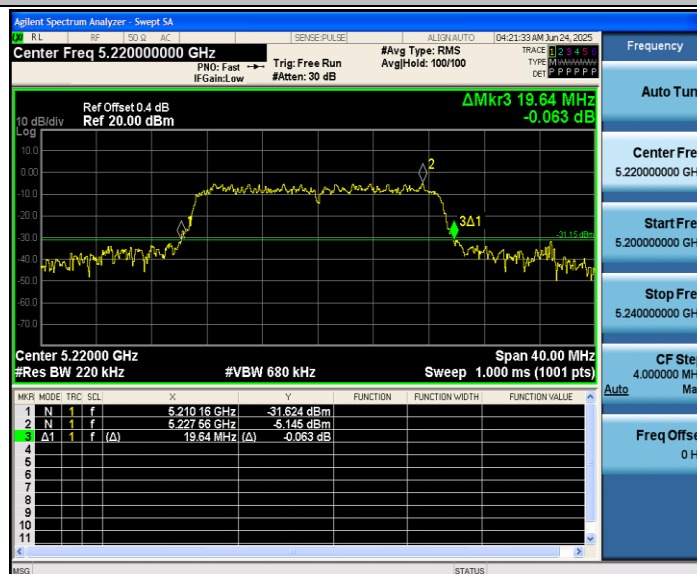
11AC80SISO_Ant1_5775



11AX20SISO_Ant1_5180



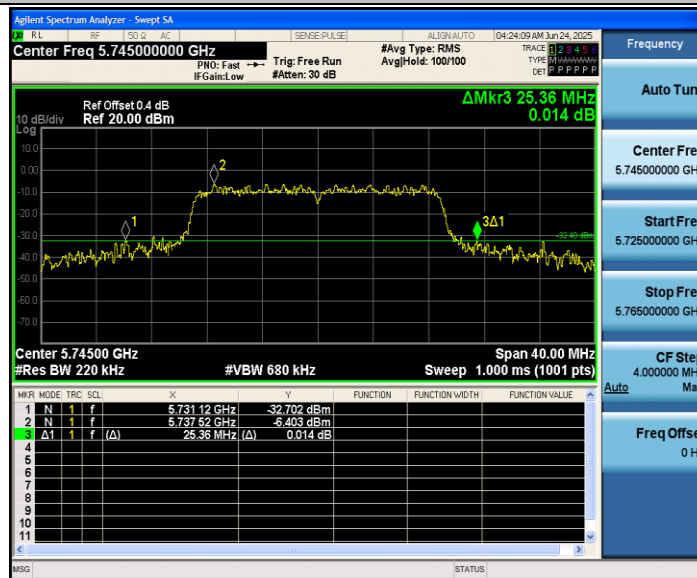
11AX20SISO_Ant1_5220



11AX20SISO_Ant1_5240



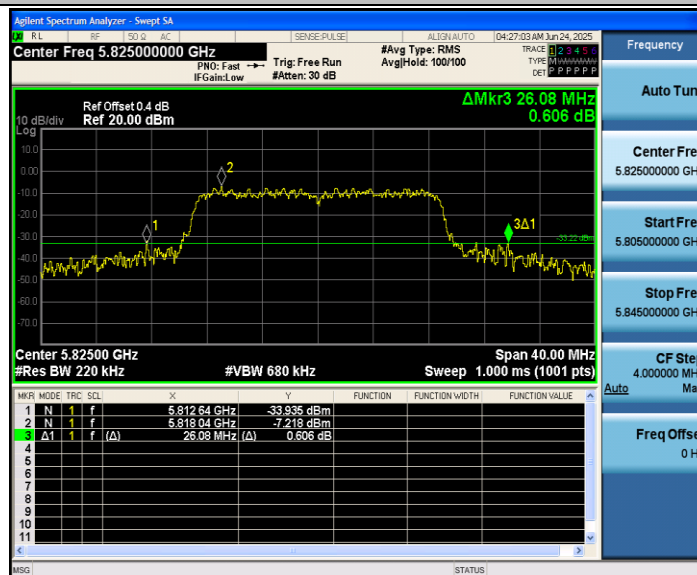
11AX20SISO_Ant1_5745



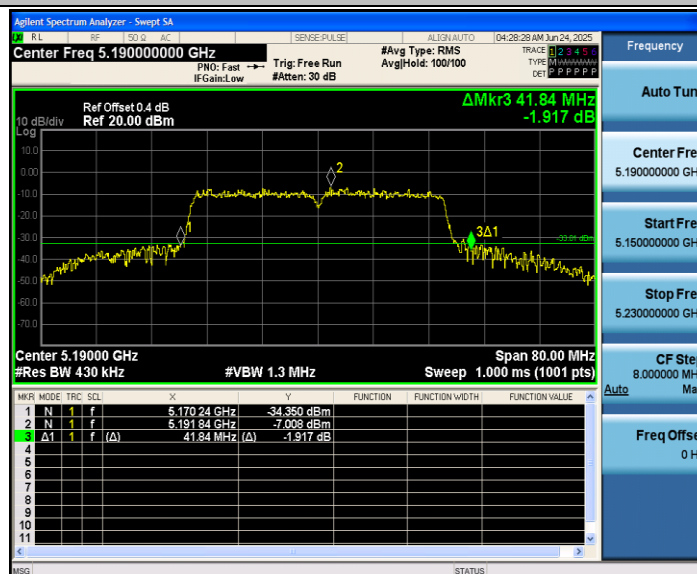
11AX20SISO_Ant1_5785



11AX20SISO_Ant1_5825



11AX40SISO_Ant1_5190



11AX40SISO_Ant1_5230



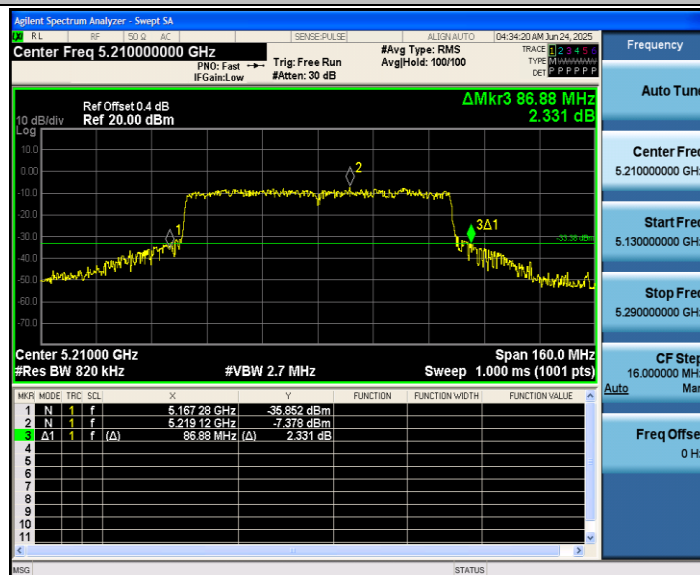
11AX40SISO_Ant1_5755



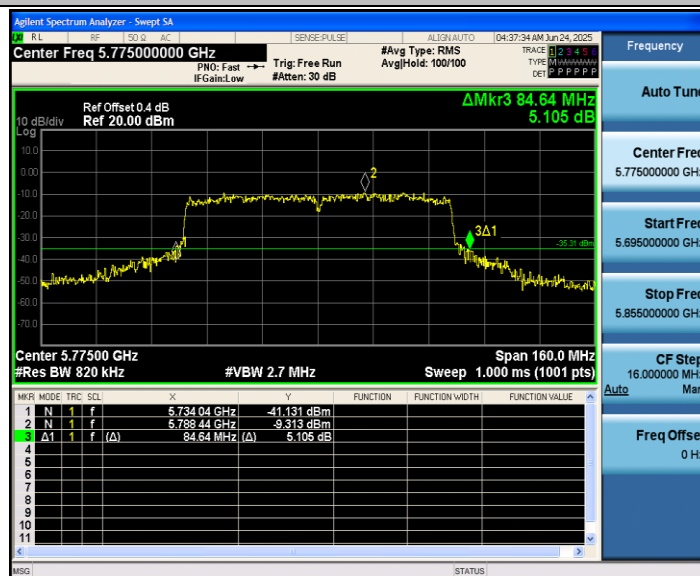
11AX40SISO_Ant1_5795



11AX80ISO_Ant1_5210



11AX80ISO_Ant1_5775



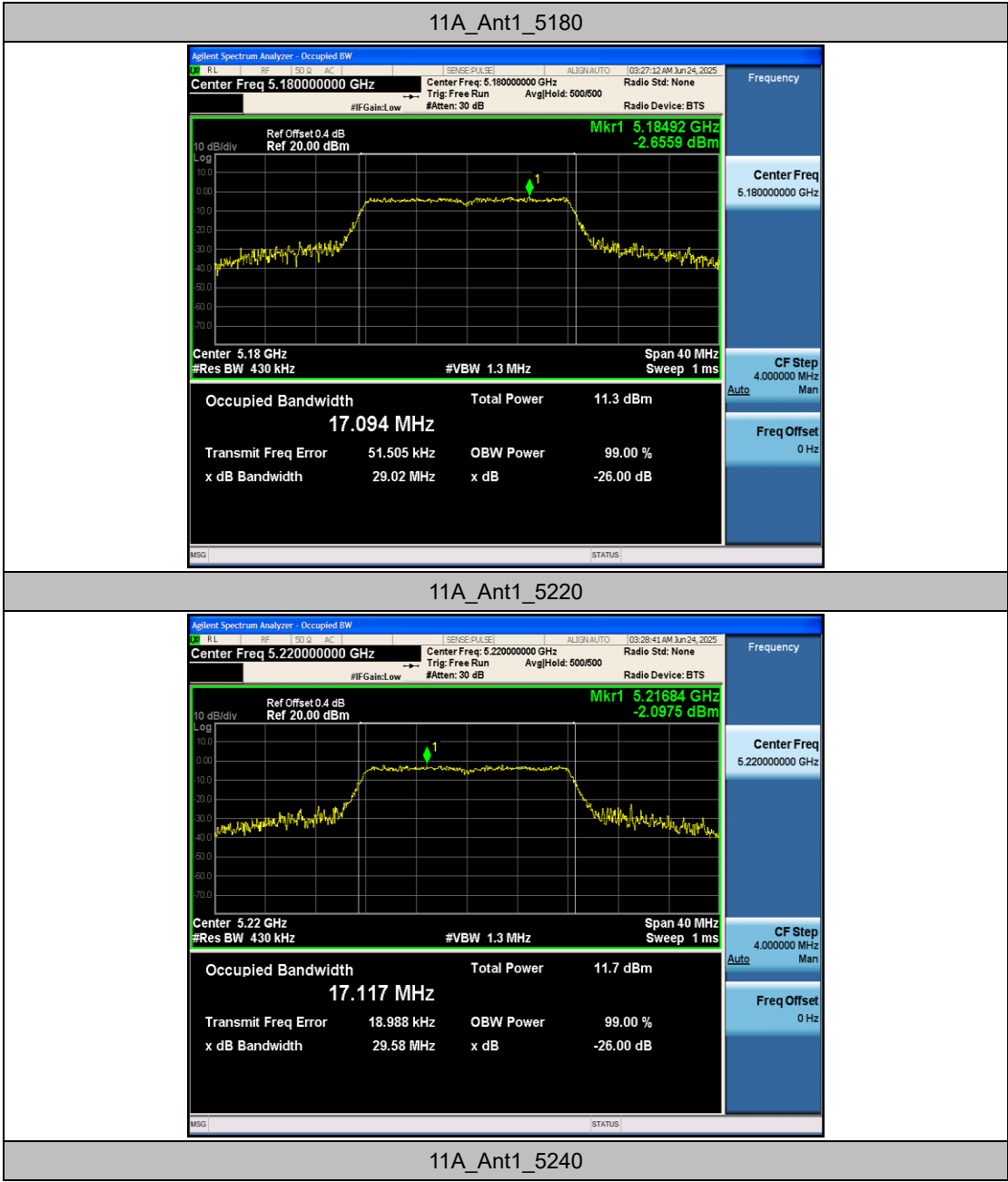
Appendix A2: Occupied channel bandwidth

Test Result

TestMode	Antenna	Freq(MHz)	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5180	17.094	5171.5045	5188.5985	---	---
		5220	17.117	5211.4605	5228.5775	---	---
		5240	17.085	5231.4734	5248.5584	---	---
		5745	17.132	5736.4414	5753.5734	---	---
		5785	17.101	5776.4479	5793.5489	---	---
		5825	17.025	5816.5055	5833.5305	---	---
11N20SISO	Ant1	5180	18.217	5170.9815	5189.1985	---	---
		5220	18.194	5210.9743	5229.1683	---	---
		5240	18.168	5230.9269	5249.0949	---	---
		5745	18.041	5735.9983	5754.0393	---	---
		5785	18.080	5776.0121	5794.0921	---	---
		5825	18.126	5815.9890	5834.1150	---	---
11N40SISO	Ant1	5190	36.503	5171.8194	5208.3224	---	---
		5230	36.386	5211.8824	5248.2684	---	---
		5755	36.825	5736.7140	5773.5390	---	---
		5795	36.851	5776.7413	5813.5923	---	---
11AC20SISO	Ant1	5180	17.924	5171.0892	5189.0132	---	---
		5220	17.879	5211.0896	5228.9686	---	---
		5240	17.906	5231.0621	5248.9681	---	---
		5745	17.885	5736.0496	5753.9346	---	---
		5785	17.815	5776.1113	5793.9263	---	---
		5825	17.869	5816.1099	5833.9789	---	---
11AC40SISO	Ant1	5190	36.347	5171.9220	5208.2690	---	---
		5230	36.347	5211.8875	5248.2345	---	---
		5755	36.805	5736.7042	5773.5092	---	---
		5795	36.819	5776.7518	5813.5708	---	---
11AC80SISO	Ant1	5210	75.942	5172.1890	5248.1310	---	---
		5775	75.692	5737.4115	5813.1035	---	---
11AX20SISO	Ant1	5180	17.919	5171.1069	5189.0259	---	---
		5220	17.847	5211.1263	5228.9733	---	---
		5240	17.930	5231.0686	5248.9986	---	---
		5745	17.893	5736.0407	5753.9337	---	---
		5785	17.884	5776.0795	5793.9635	---	---
		5825	17.842	5816.1056	5833.9476	---	---
11AX40SISO	Ant1	5190	36.374	5171.9115	5208.2855	---	---
		5230	36.344	5211.8858	5248.2298	---	---

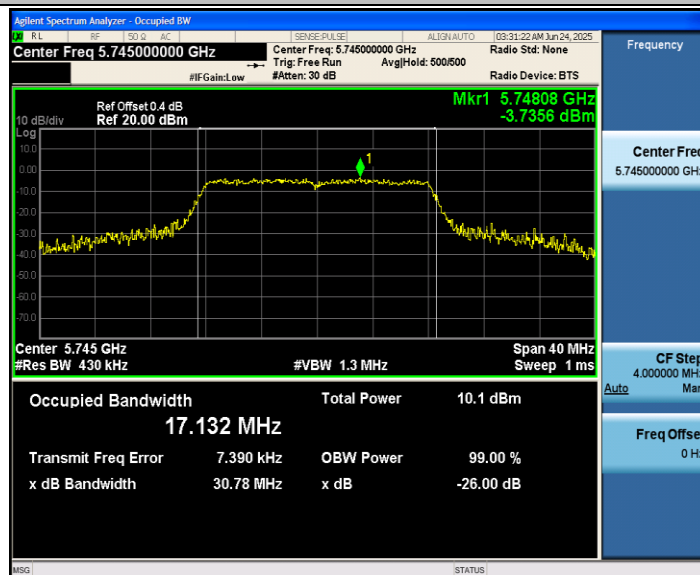
11AX80SISO	Ant1	5755	36.860	5736.6806	5773.5406	---	---
		5795	36.828	5776.7959	5813.6239	---	---
		5210	75.967	5172.1759	5248.1429	---	---
		5775	75.634	5737.4875	5813.1215	---	---

Test Graphs

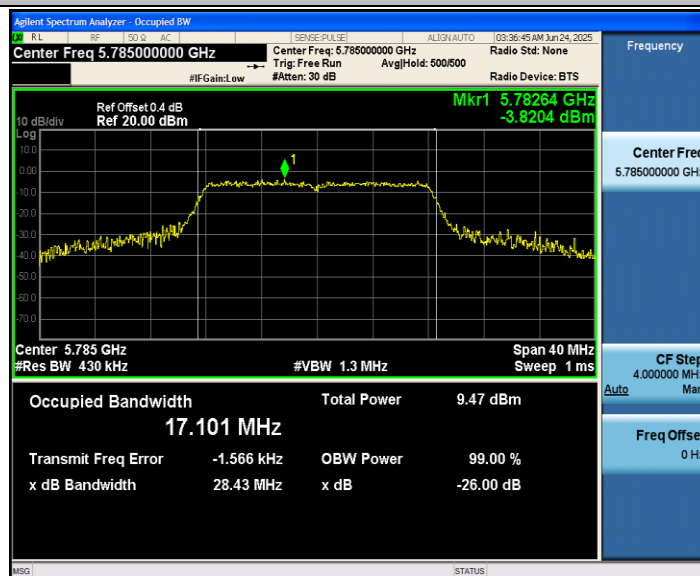




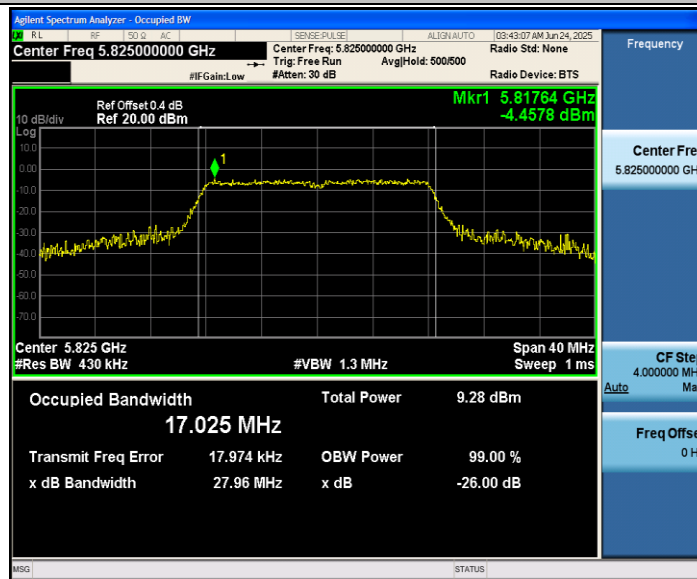
11A_Ant1_5745



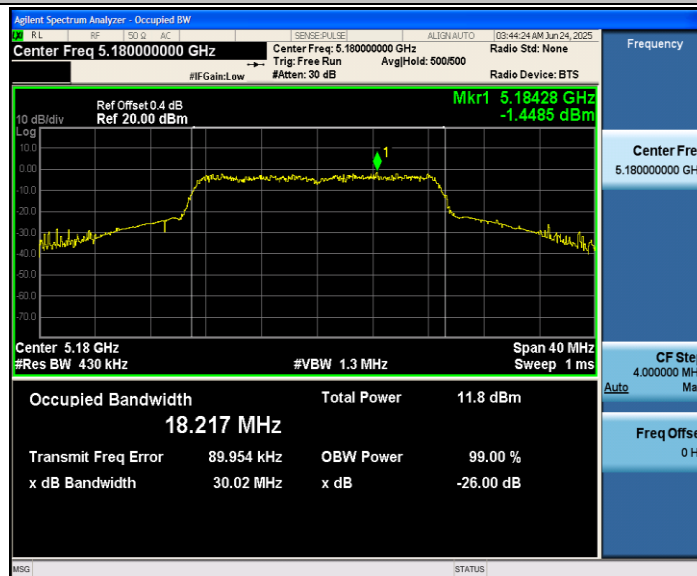
11A_Ant1_5785



11A_Ant1_5825



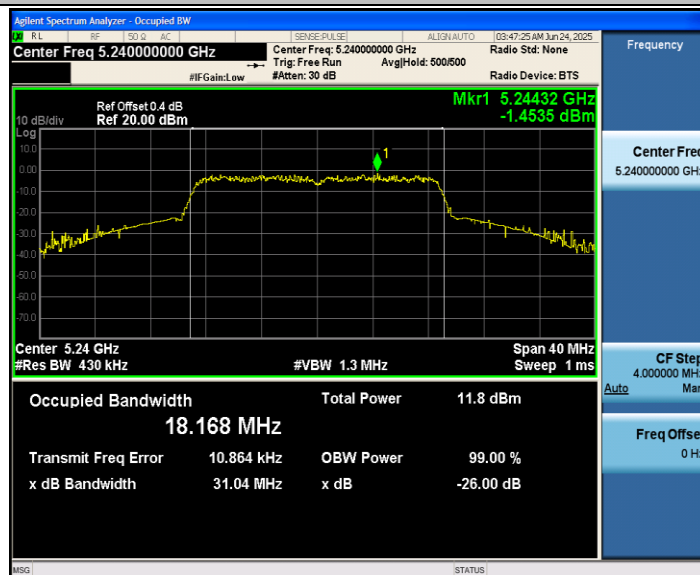
11N20SISO_Ant1_5180



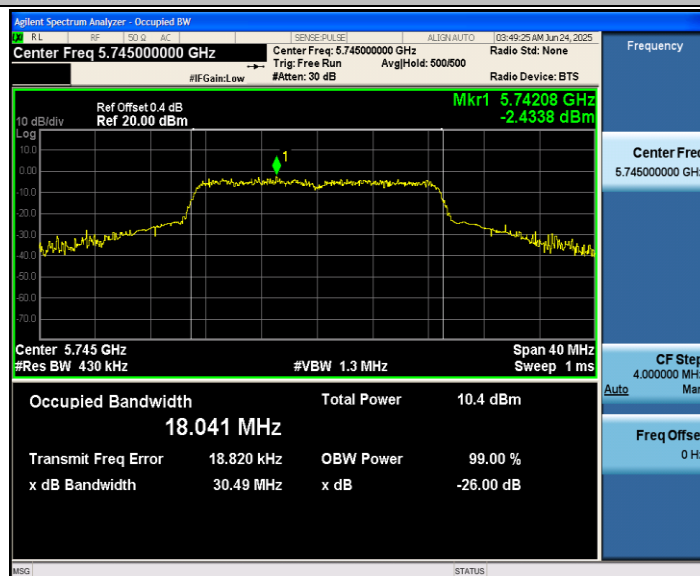
11N20SISO_Ant1_5220



11N20SISO_Ant1_5240



11N20SISO_Ant1_5745



11N20SISO_Ant1_5785



11N20SISO_Ant1_5825



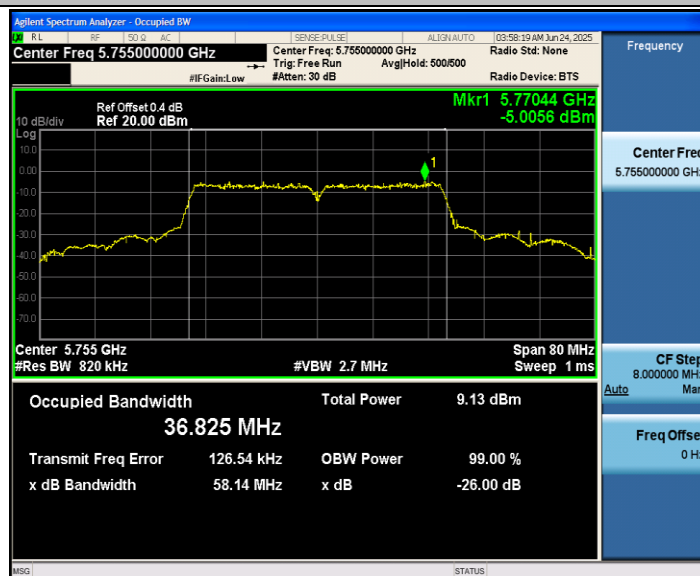
11N40SISO_Ant1_5190



11N40SISO_Ant1_5230



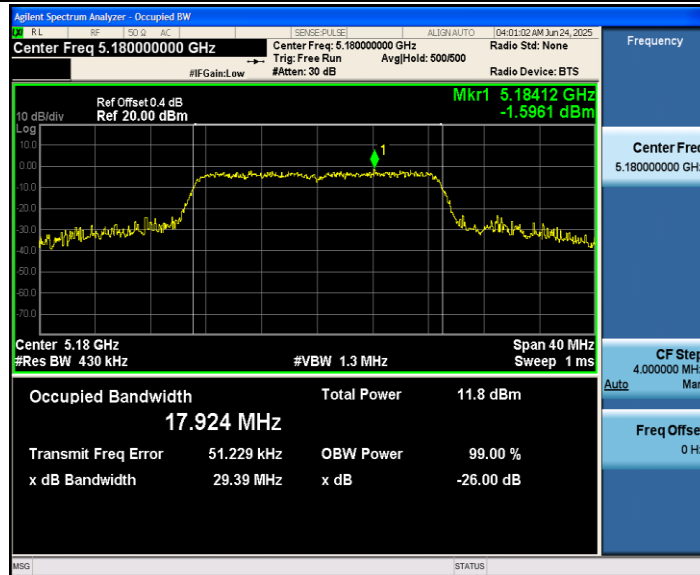
11N40SISO_Ant1_5755



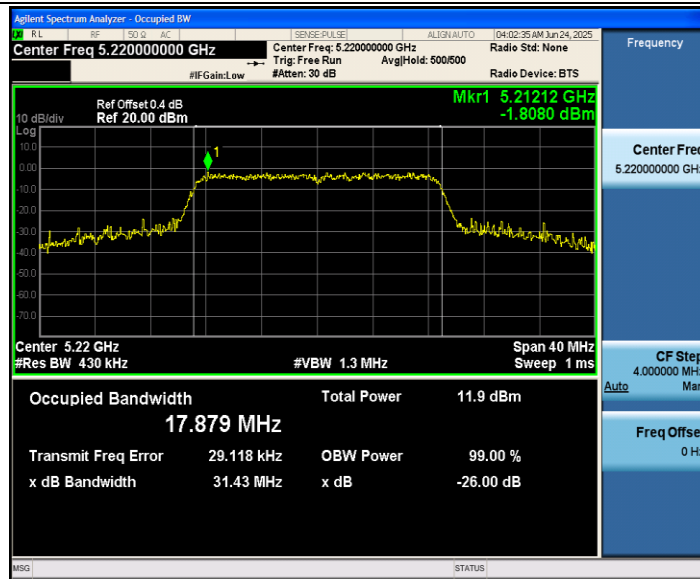
11N40SISO_Ant1_5795



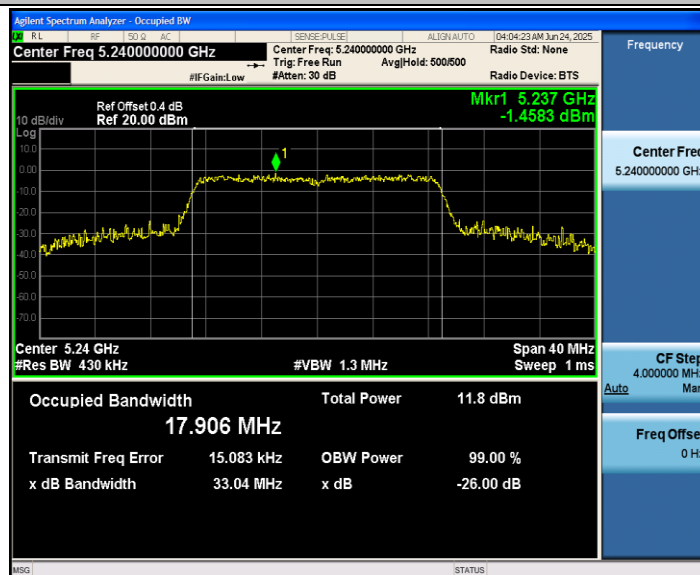
11AC20SISO_Ant1_5180



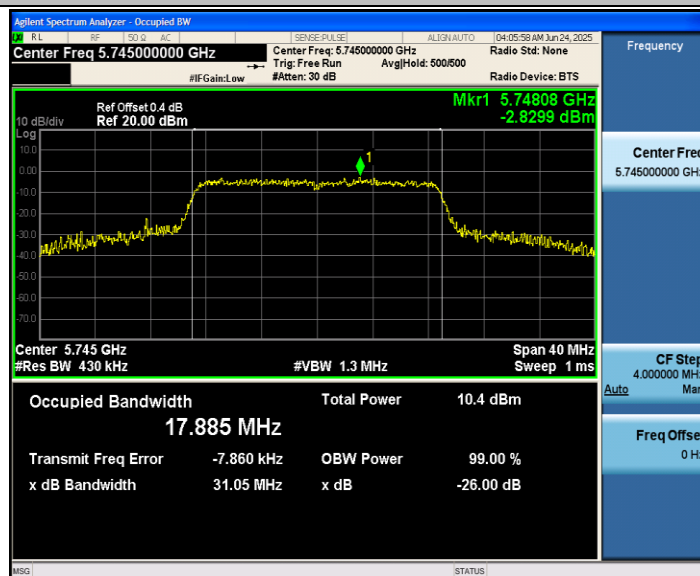
11AC20SISO_Ant1_5220



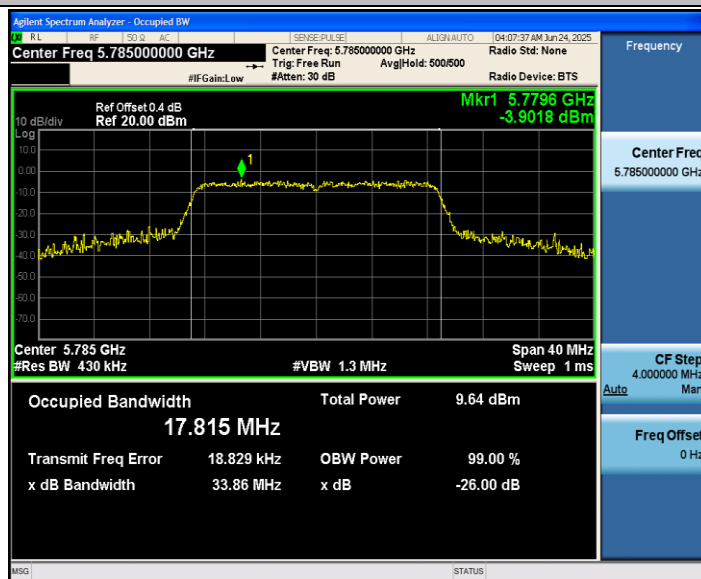
11AC20SISO_Ant1_5240



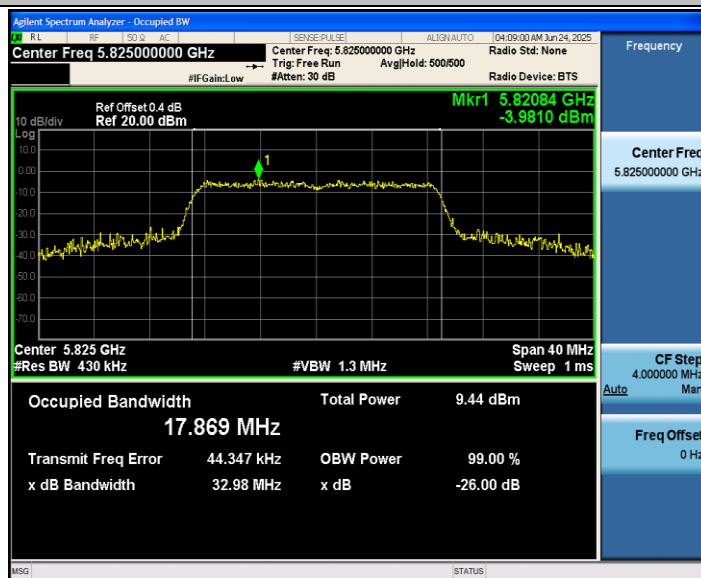
11AC20SISO_Ant1_5745



11AC20SISO_Ant1_5785



11AC20SISO_Ant1_5825



11AC40SISO_Ant1_5190



11AC40ISO_Ant1_5230



11AC40ISO_Ant1_5755

