

FCC Appendix RF Test Data for 5GWIFI

FCC ID : 2BAQY-PADONE

Company : HIFIMAN KUNSHAN TECHNOLOGY GROUP CO., LTD.

EUT : Tablet PC

Model Number : Pad One

Report No. : CTA25090802104

Reviewed By : Eric Wang

Appendix A1: Emission Bandwidth

Test Result

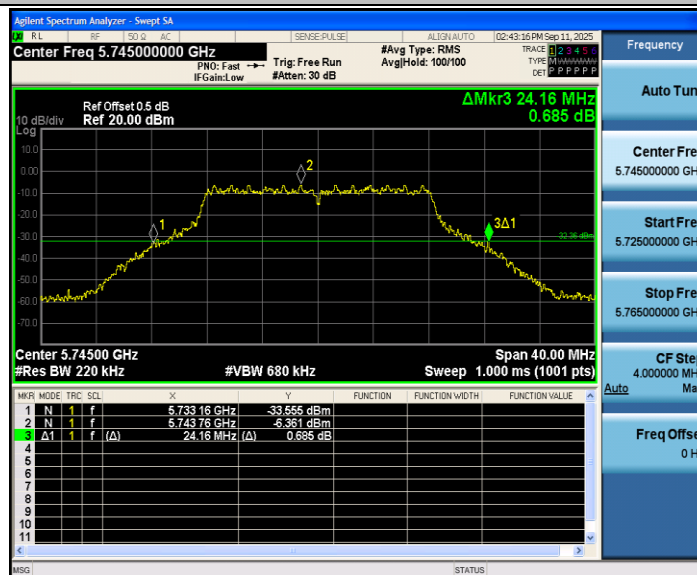
TestMode	Antenna	Freq(MHz)	26db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5180	22.240	5169.280	5191.520	---	---
		5220	22.160	5209.080	5231.240	---	---
		5240	22.520	5229.160	5251.680	---	---
		5745	24.160	5733.160	5757.320	---	---
		5785	22.120	5773.760	5795.880	---	---
		5825	22.520	5813.600	5836.120	---	---
11N20SISO	Ant1	5180	22.880	5168.520	5191.400	---	---
		5220	23.200	5208.520	5231.720	---	---
		5240	22.280	5229.200	5251.480	---	---
		5745	23.360	5733.120	5756.480	---	---
		5785	23.520	5773.400	5796.920	---	---
		5825	23.200	5813.440	5836.640	---	---
11N40SISO	Ant1	5190	42.160	5169.120	5211.280	---	---
		5230	41.920	5208.720	5250.640	---	---
		5755	44.400	5733.400	5777.800	---	---
		5795	44.960	5772.840	5817.800	---	---
11AC20SISO	Ant1	5180	23.640	5168.520	5192.160	---	---
		5220	22.280	5209.000	5231.280	---	---
		5240	22.400	5228.920	5251.320	---	---
		5745	23.320	5733.280	5756.600	---	---
		5785	23.320	5773.240	5796.560	---	---
		5825	23.800	5813.400	5837.200	---	---
11AC40SISO	Ant1	5190	42.720	5168.800	5211.520	---	---
		5230	42.880	5208.400	5251.280	---	---
		5755	44.560	5733.160	5777.720	---	---
		5795	44.240	5773.560	5817.800	---	---
11AC80SISO	Ant1	5210	83.040	5168.880	5251.920	---	---
		5775	84.960	5732.280	5817.240	---	---

Test Graphs





11A_Ant1_5745



11A_Ant1_5785



11A_Ant1_5825



11N20SISO_Ant1_5180



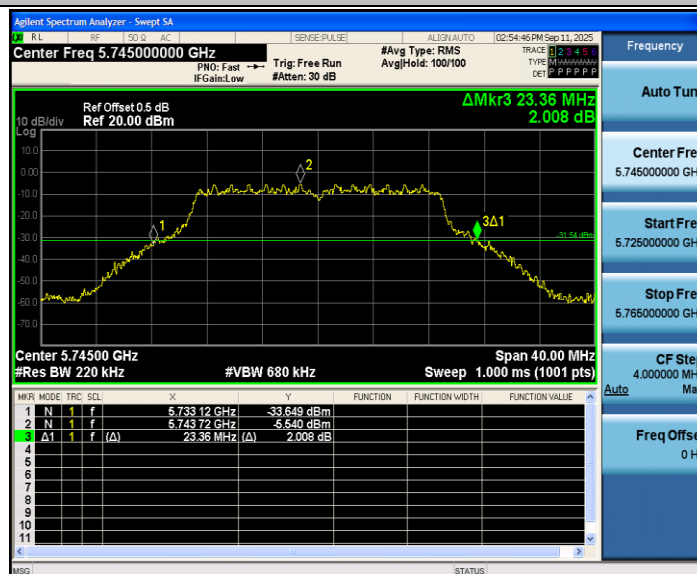
11N20SISO_Ant1_5220



11N20SISO_Ant1_5240



11N20SISO_Ant1_5745



11N20SISO_Ant1_5785



11N20SISO_Ant1_5825



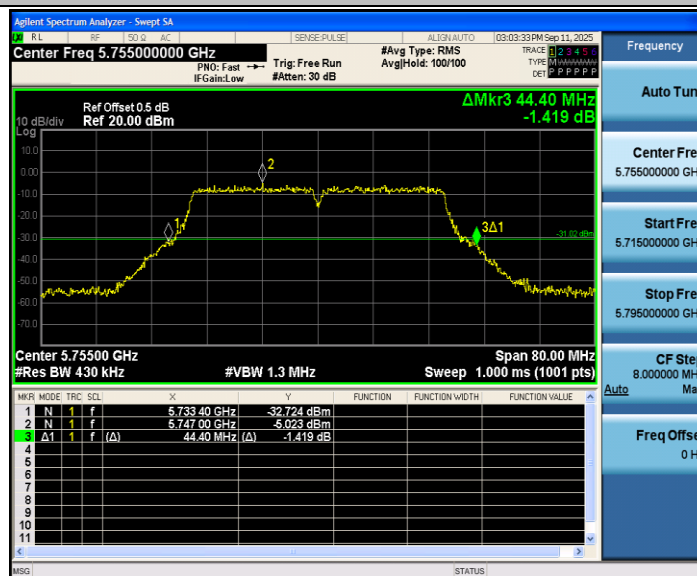
11N40SISO_Ant1_5190



11N40SISO_Ant1_5230



11N40SISO_Ant1_5755



11N40SISO_Ant1_5795



11AC20SISO_Ant1_5180



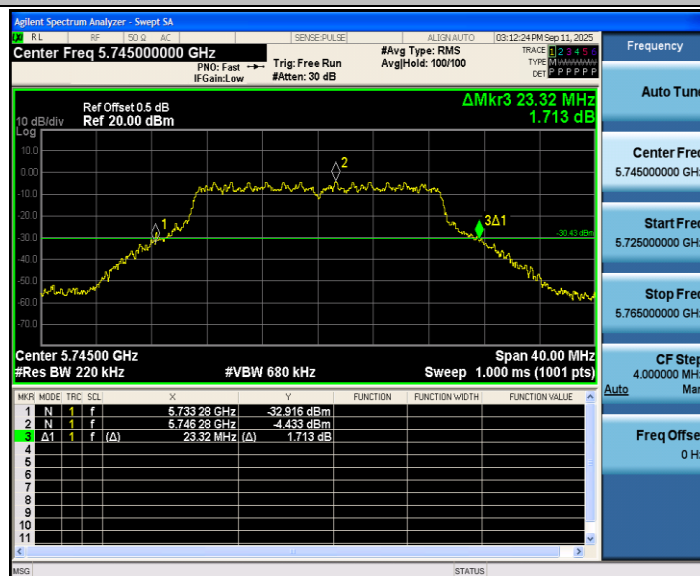
11AC20SISO_Ant1_5220



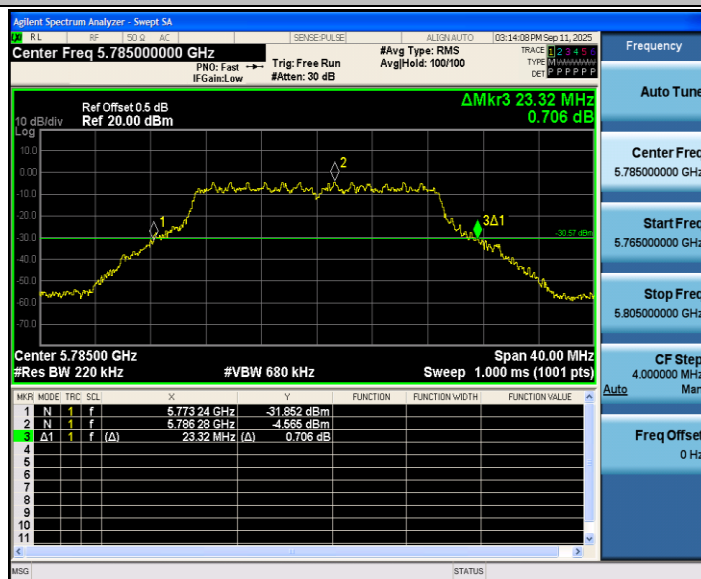
11AC20SISO_Ant1_5240



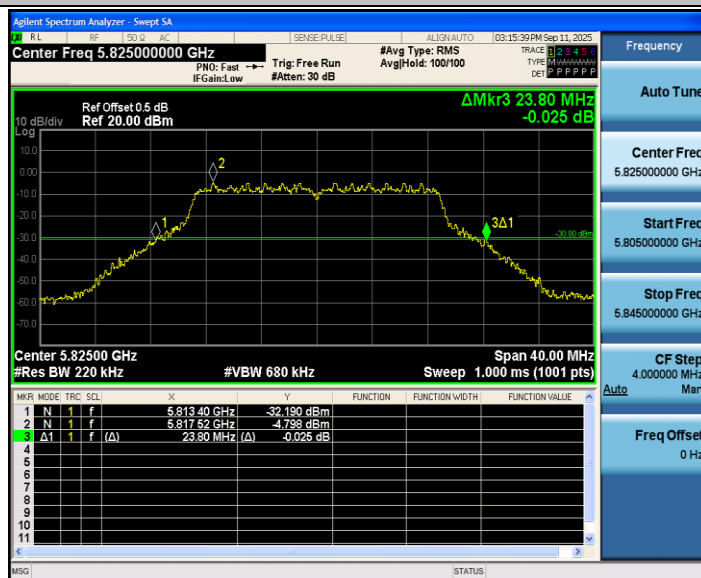
11AC20SISO_Ant1_5745



11AC20SISO_Ant1_5785



11AC20SISO_Ant1_5825



11AC40SISO_Ant1_5190



11AC40SISO_Ant1_5230



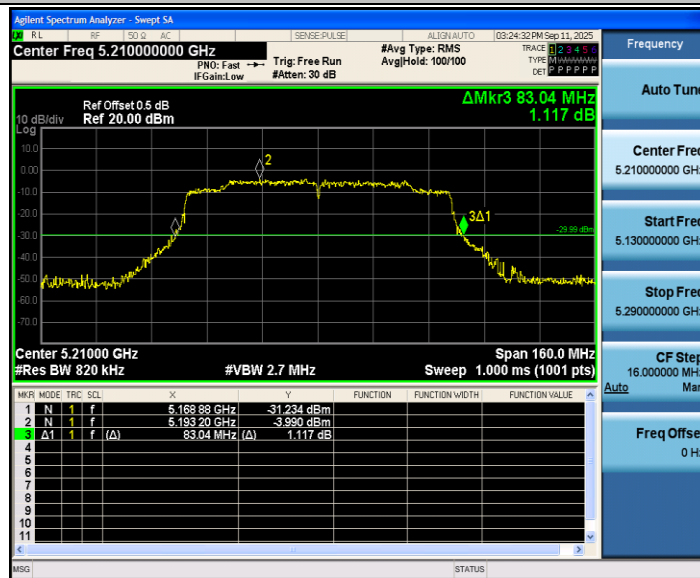
11AC40SISO_Ant1_5755



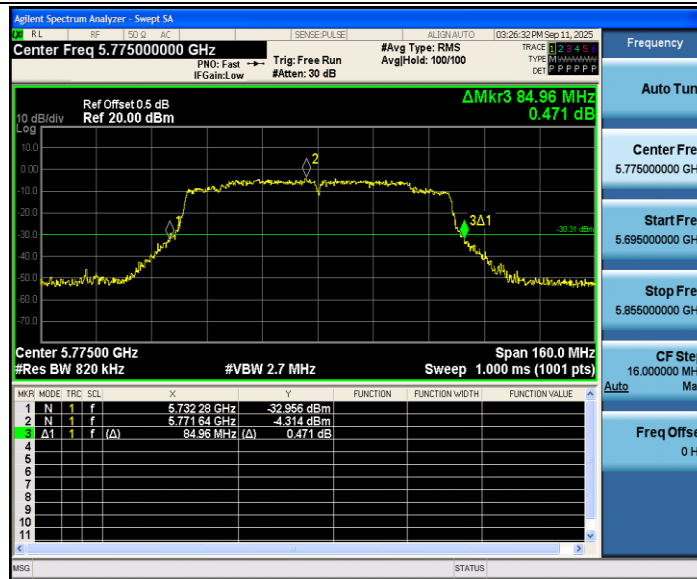
11AC40SISO_Ant1_5795



11AC80SISO_Ant1_5210



11AC80SISO_Ant1_5775



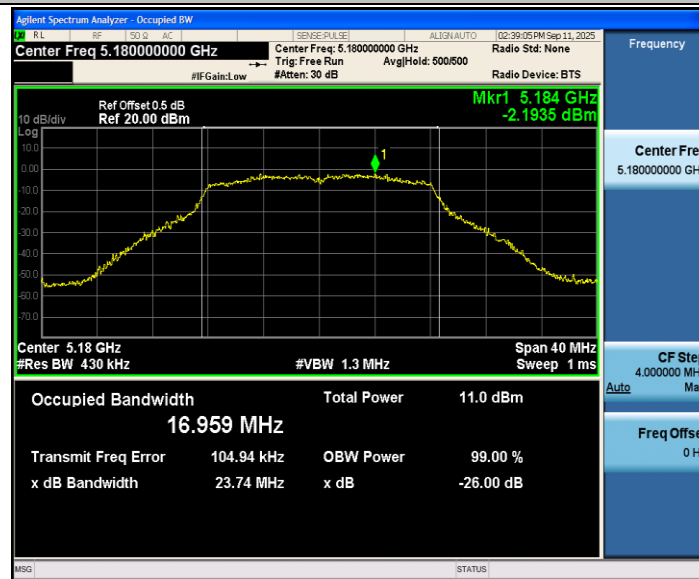
Appendix A2: Occupied channel bandwidth

Test Result

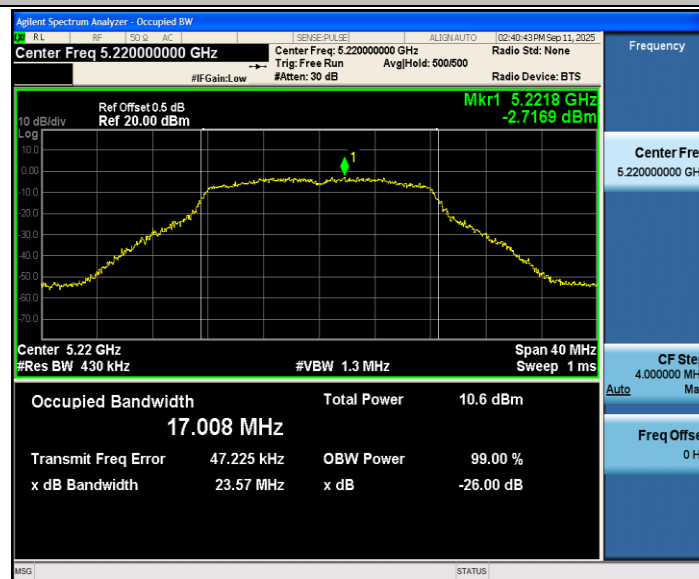
TestMode	Antenna	Freq(MHz)	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5180	16.959	5171.6254	5188.5844	---	---
		5220	17.008	5211.5432	5228.5512	---	---
		5240	17.022	5231.5869	5248.6089	---	---
		5745	17.276	5736.3933	5753.6693	---	---
		5785	17.287	5776.3538	5793.6408	---	---
		5825	17.288	5816.3691	5833.6571	---	---
11N20SISO	Ant1	5180	17.975	5171.0676	5189.0426	---	---
		5220	18.027	5210.9918	5229.0188	---	---
		5240	18.040	5231.0660	5249.1060	---	---
		5745	18.335	5735.8472	5754.1822	---	---
		5785	18.310	5775.8428	5794.1528	---	---
		5825	18.340	5815.8213	5834.1613	---	---
11N40SISO	Ant1	5190	36.134	5172.0292	5208.1632	---	---
		5230	36.283	5211.8960	5248.1790	---	---
		5755	36.763	5736.6761	5773.4391	---	---
		5795	36.706	5776.6456	5813.3516	---	---
11AC20SISO	Ant1	5180	17.974	5171.0906	5189.0646	---	---
		5220	17.978	5211.0091	5228.9871	---	---
		5240	18.066	5231.0622	5249.1282	---	---
		5745	18.261	5735.8769	5754.1379	---	---
		5785	18.331	5775.8713	5794.2023	---	---
		5825	18.307	5815.8533	5834.1603	---	---
11AC40SISO	Ant1	5190	36.090	5172.0634	5208.1534	---	---
		5230	36.309	5211.8681	5248.1771	---	---
		5755	36.674	5736.7656	5773.4396	---	---
		5795	36.613	5776.7315	5813.3445	---	---
11AC80SISO	Ant1	5210	75.190	5172.5193	5247.7093	---	---
		5775	75.038	5737.4586	5812.4966	---	---

Test Graphs

11A_Ant1_5180



11A_Ant1_5220



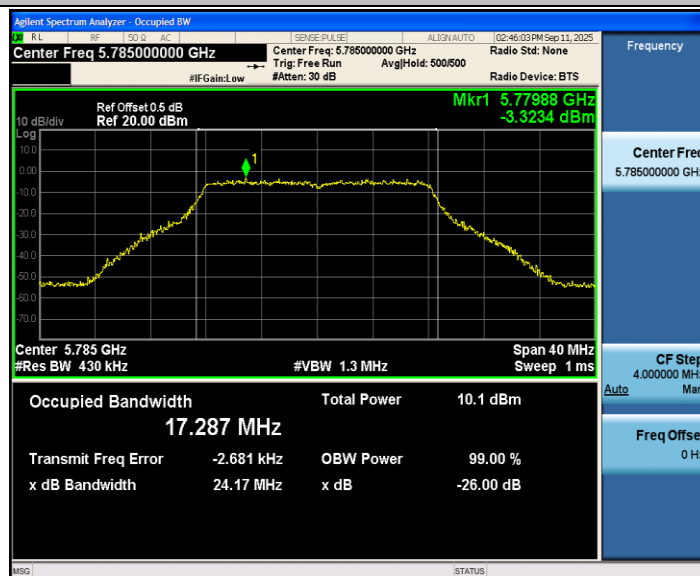
11A_Ant1_5240



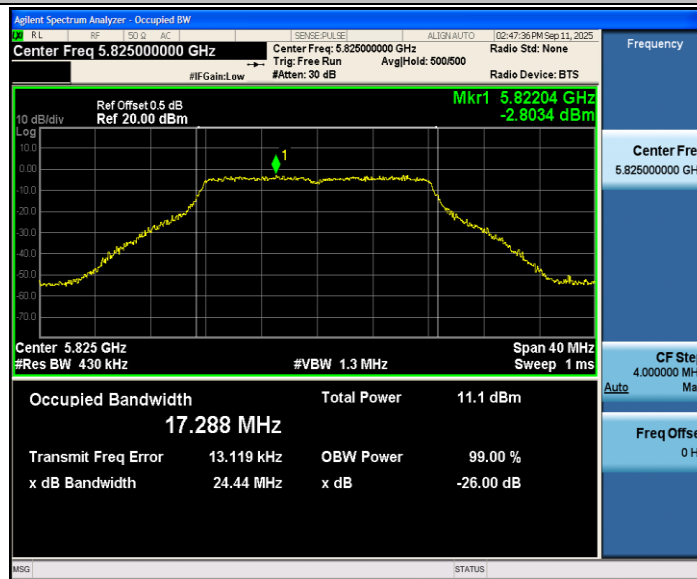
11A_Ant1_5745



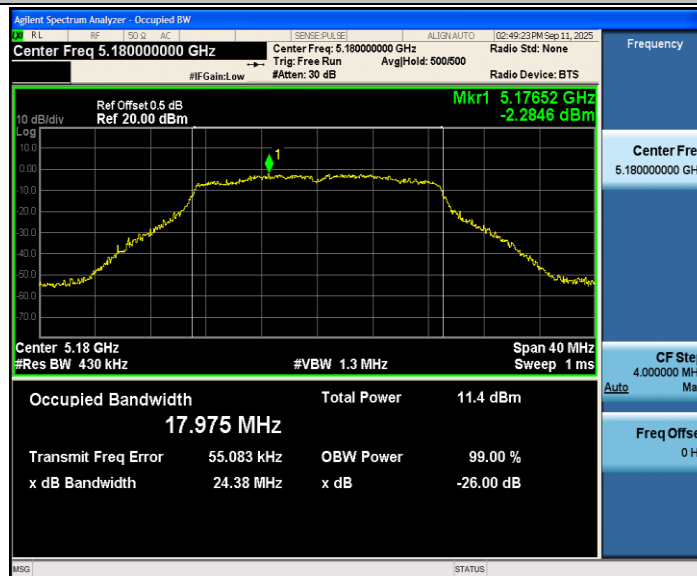
11A_Ant1_5785



11A_Ant1_5825



11N20SISO_Ant1_5180



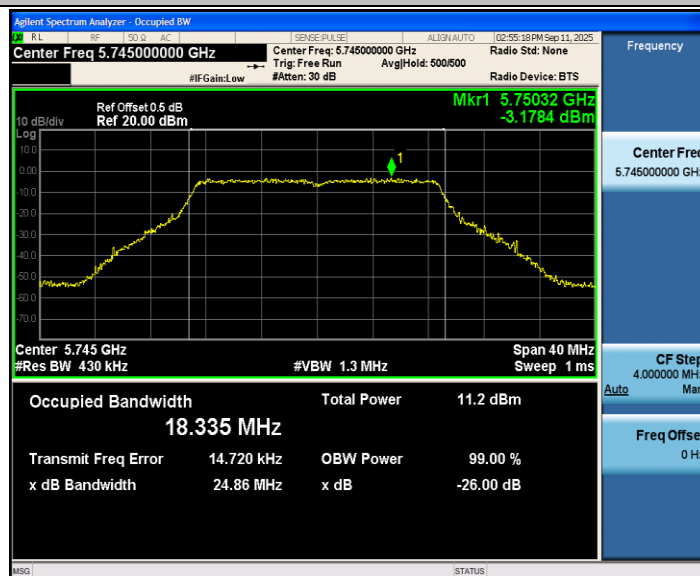
11N20SISO_Ant1_5220



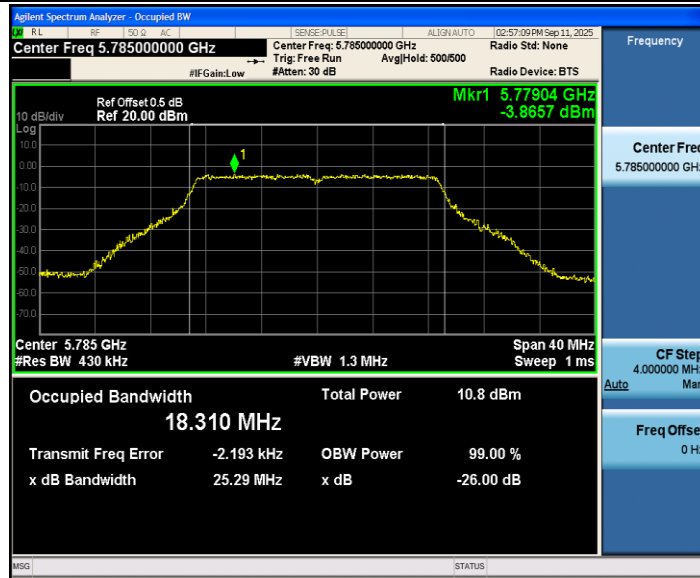
11N20SISO_Ant1_5240



11N20SISO_Ant1_5745



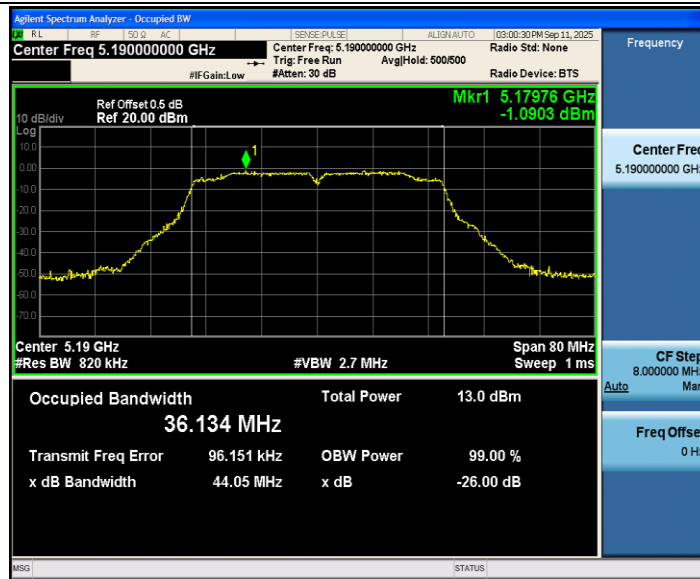
11N20SISO_Ant1_5785



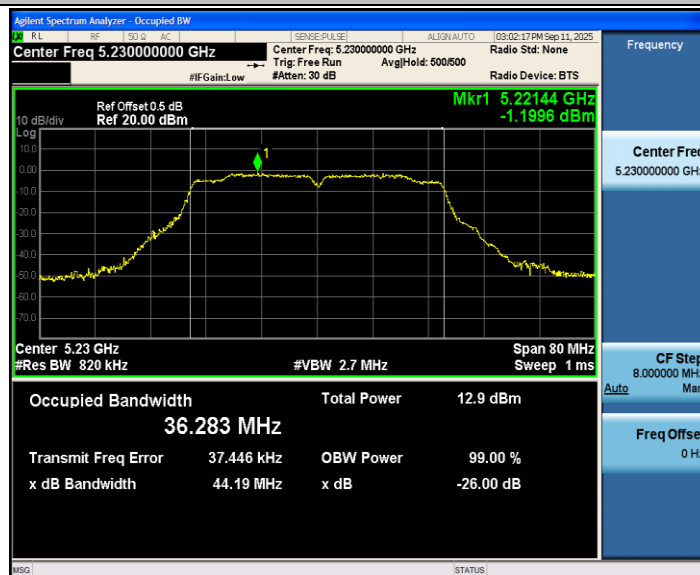
11N20SISO_Ant1_5825



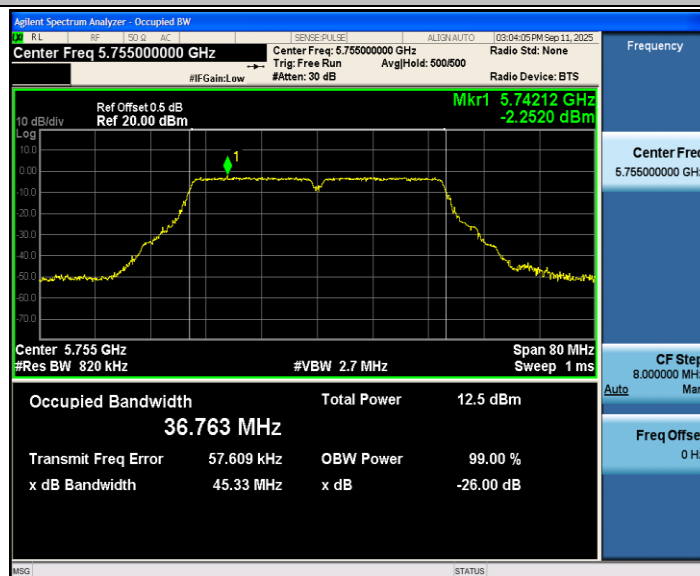
11N40SISO_Ant1_5190



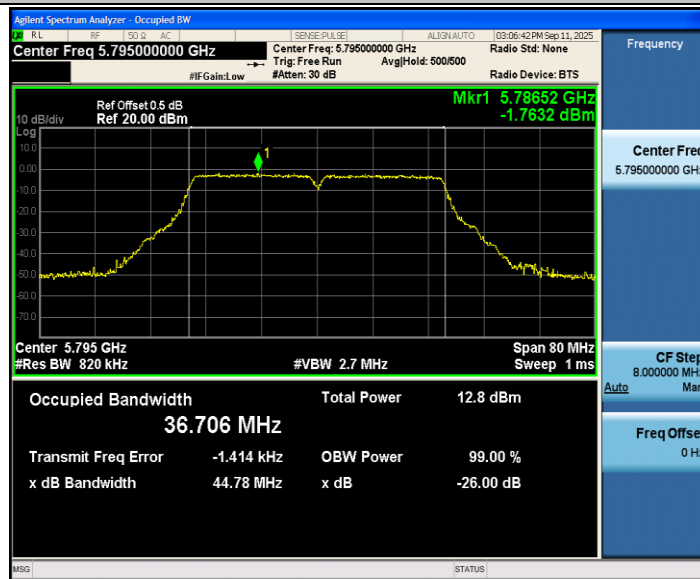
11N40SISO_Ant1_5230



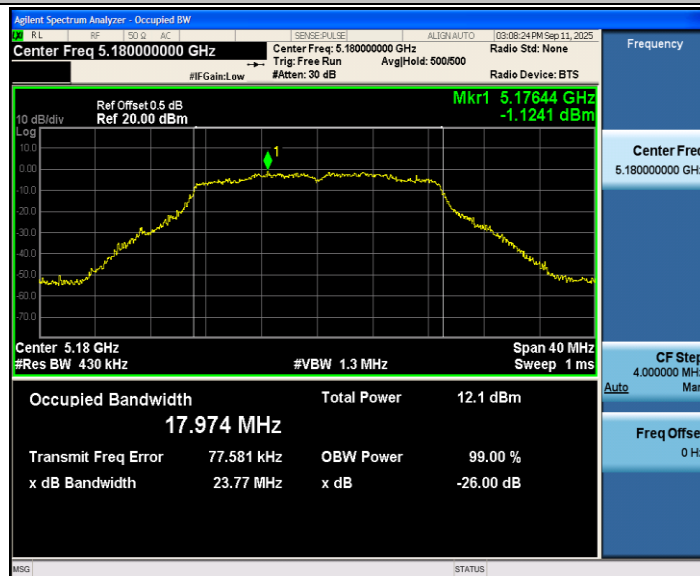
11N40SISO_Ant1_5755



11N40SISO_Ant1_5795



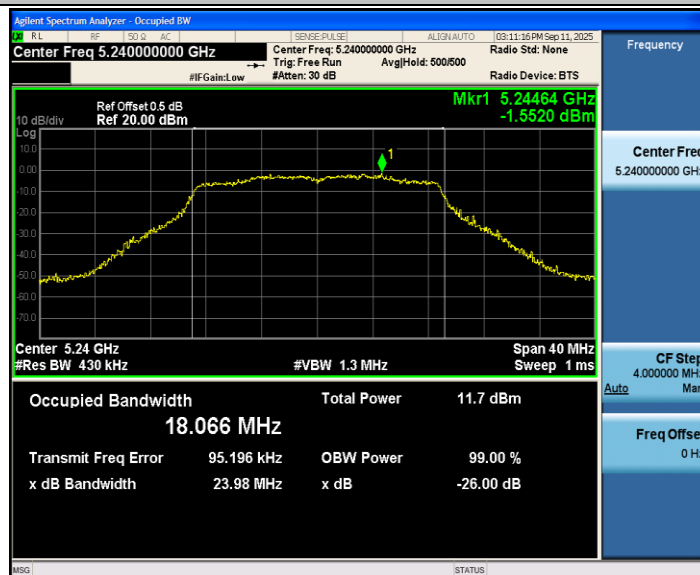
11AC20SISO_Ant1_5180



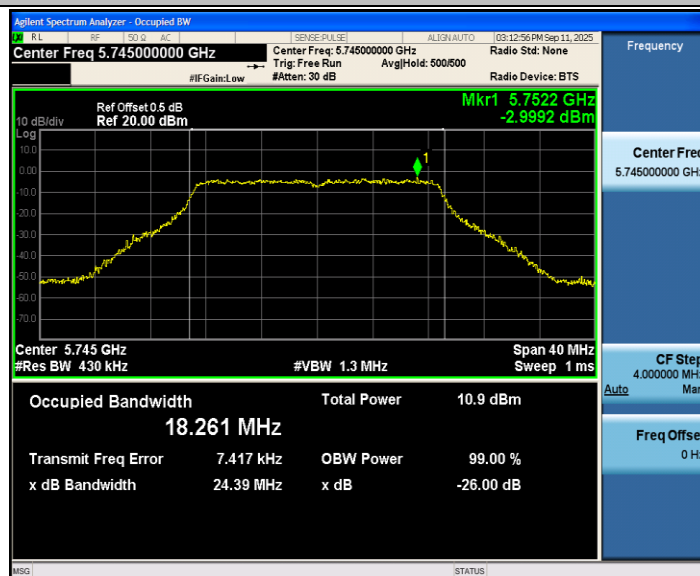
11AC20SISO_Ant1_5220



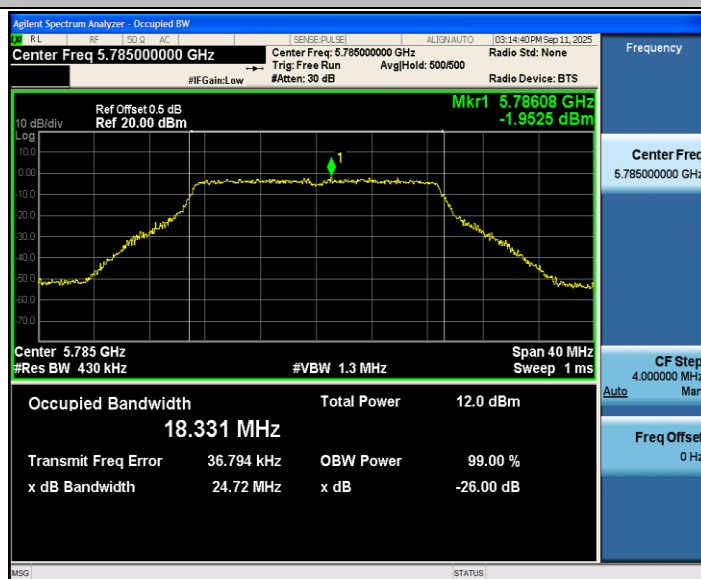
11AC20SISO_Ant1_5240



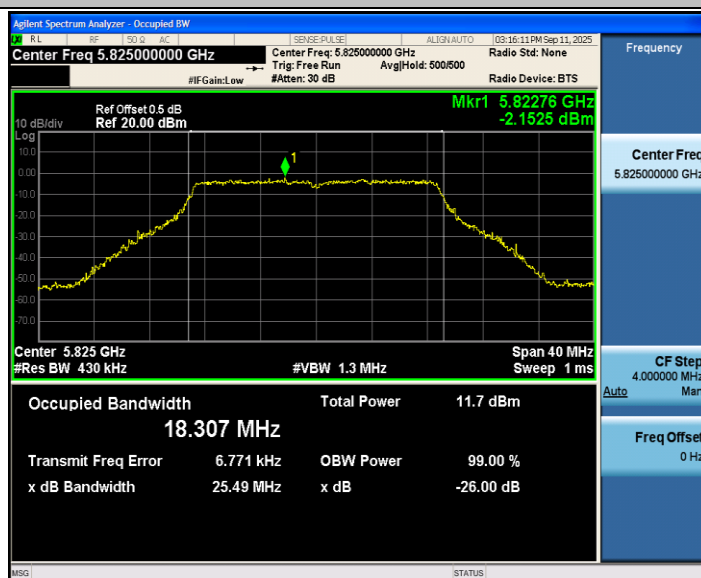
11AC20SISO_Ant1_5745



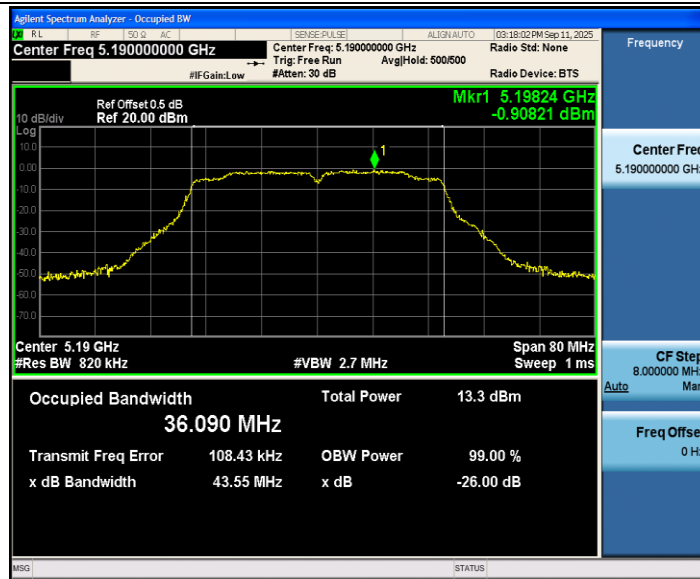
11AC20SISO_Ant1_5785



11AC20SISO_Ant1_5825



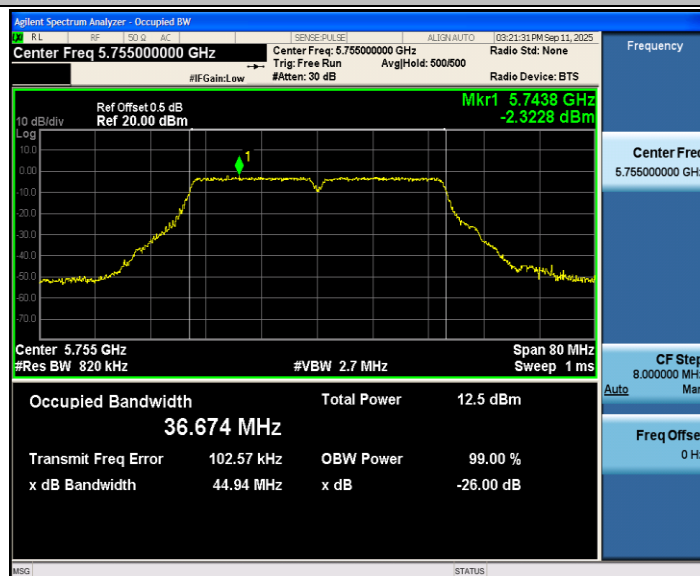
11AC40SISO_Ant1_5190



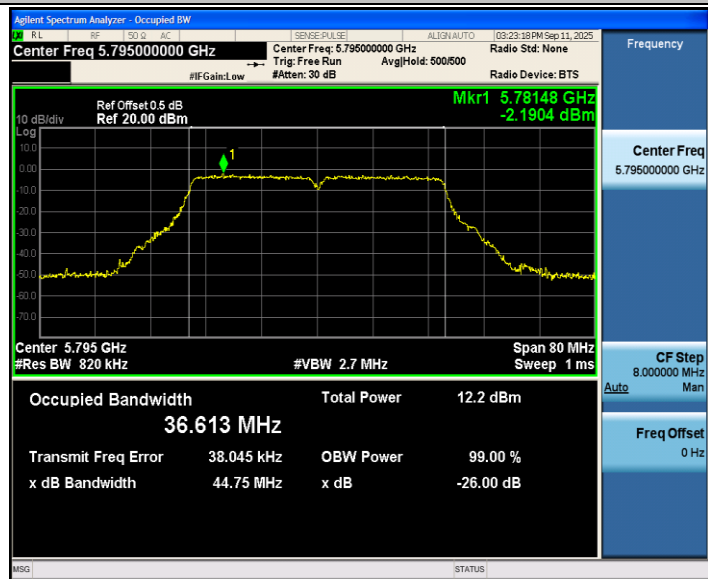
11AC40SISO_Ant1_5230



11AC40SISO_Ant1_5755



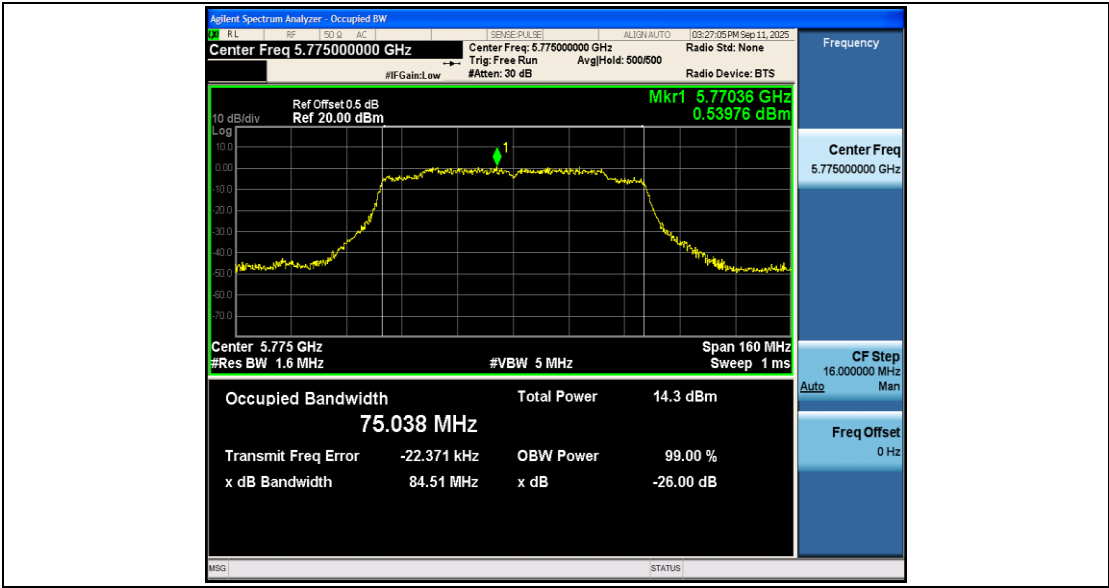
11AC40SISO_Ant1_5795



11AC80SISO_Ant1_5210



11AC80SISO_Ant1_5775



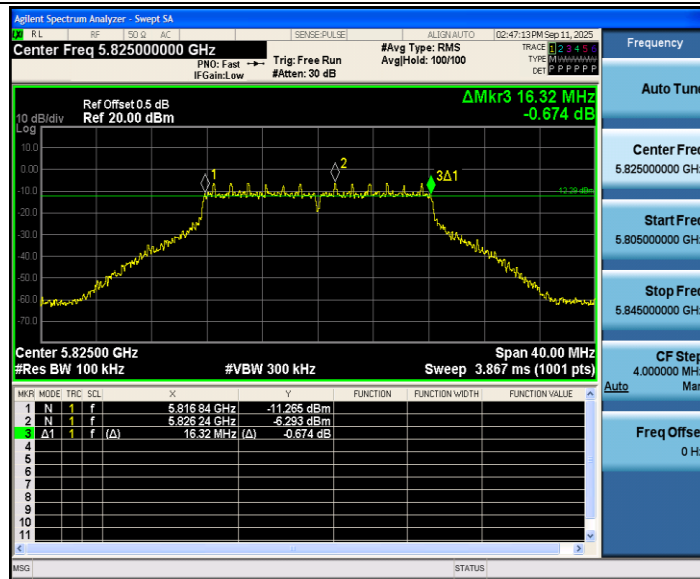
Appendix A3: Min emission bandwidth

Test Result B4

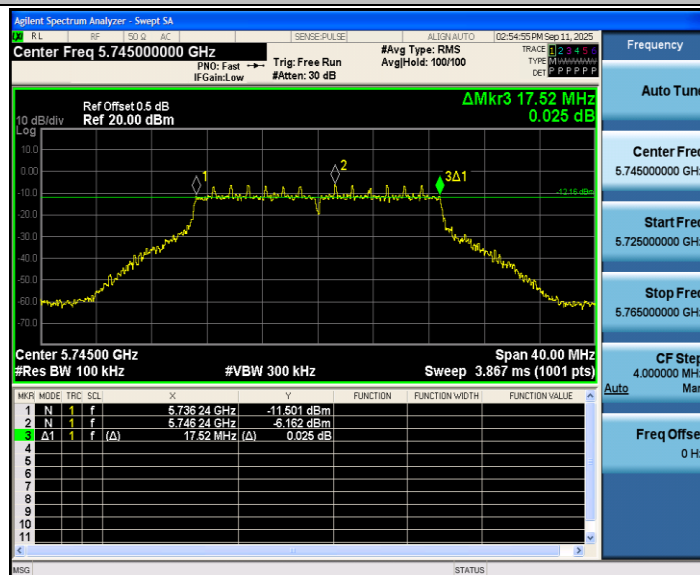
TestMode	Antenna	Freq(MHz)	6db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5745	16.320	5736.840	5753.160	0.5	PASS
		5785	16.320	5776.840	5793.160	0.5	PASS
		5825	16.320	5816.840	5833.160	0.5	PASS
11N20SISO	Ant1	5745	17.520	5736.240	5753.760	0.5	PASS
		5785	17.560	5776.200	5793.760	0.5	PASS
		5825	17.320	5816.240	5833.560	0.5	PASS
11N40SISO	Ant1	5755	36.320	5736.840	5773.160	0.5	PASS
		5795	35.920	5776.840	5812.760	0.5	PASS
11AC20SISO	Ant1	5745	17.520	5736.240	5753.760	0.5	PASS
		5785	17.520	5776.240	5793.760	0.5	PASS
		5825	17.520	5816.240	5833.760	0.5	PASS
11AC40SISO	Ant1	5755	36.320	5736.840	5773.160	0.5	PASS
		5795	36.080	5776.840	5812.920	0.5	PASS
11AC80SISO	Ant1	5775	72.480	5737.560	5810.040	0.5	PASS

Test Graphs B4

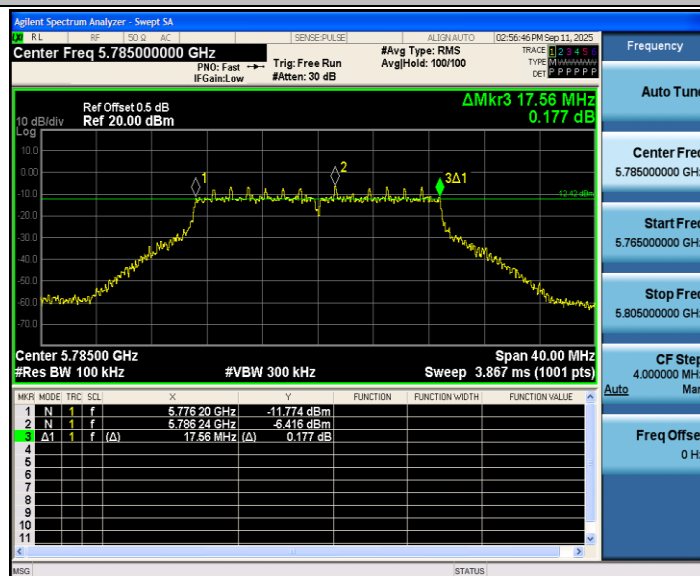




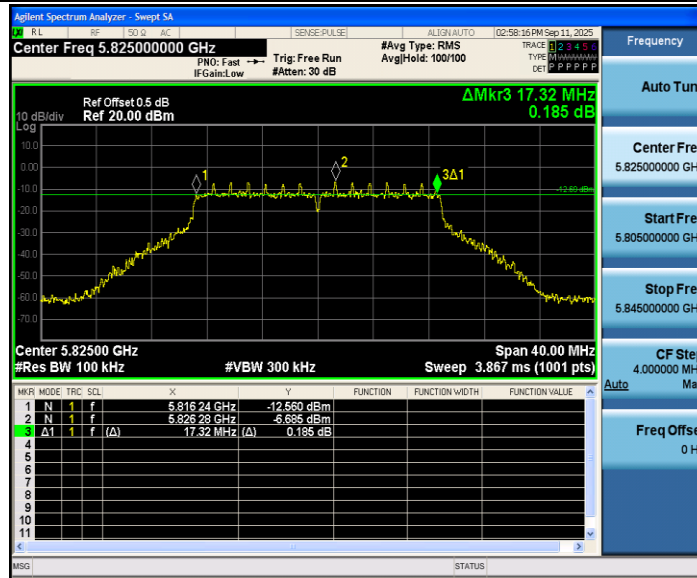
11N20SISO_Ant1_5745



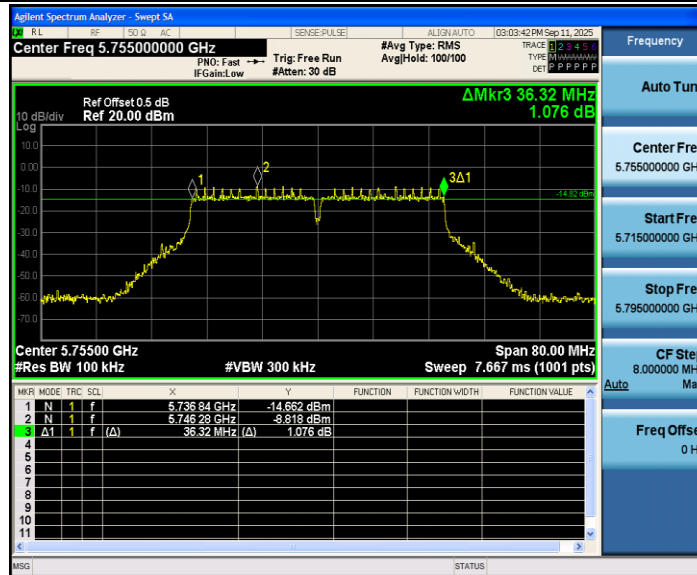
11N20SISO_Ant1_5785



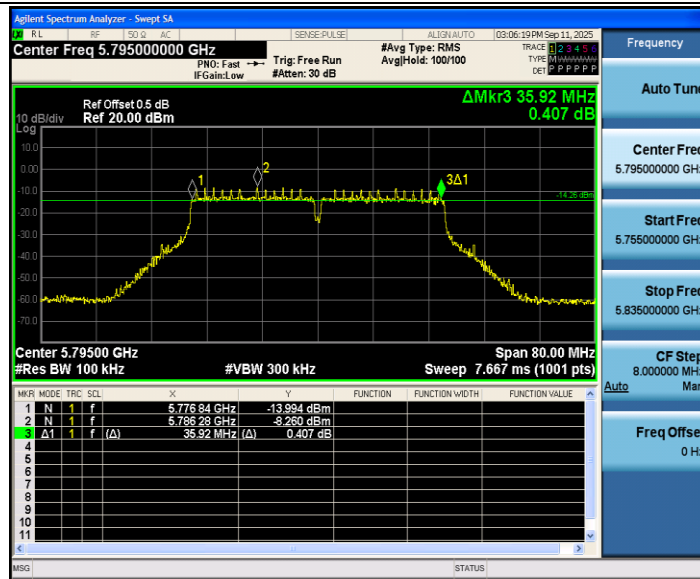
11N20SISO_Ant1_5825



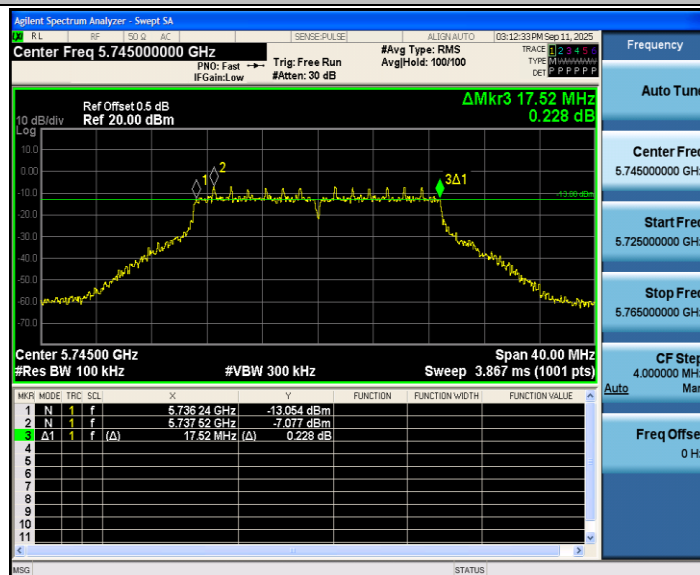
11N40SISO_Ant1_5755



11N40SISO_Ant1_5795



11AC20SISO_Ant1_5745



11AC20SISO_Ant1_5785

