

FCC Appendix RF Test Data for 5GWIFI

FCC ID : 2BVLN-QS

Company : Wuhan Qinggou Intelligent Technology Co., Ltd.

EUT : Qingo AI Vending

Model Number : QS-779CREW(G)-US

Report No. : CTA26030400803

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	23.200	5168.440	5191.640	---	---
		5220	24.520	5207.760	5232.280	---	---
		5240	23.320	5228.320	5251.640	---	---
		5745	24.120	5732.680	5756.800	---	---
		5785	24.240	5772.960	5797.200	---	---
		5825	24.120	5812.880	5837.000	---	---
11N20SISO	Ant1	5180	23.840	5168.400	5192.240	---	---
		5220	23.000	5208.600	5231.600	---	---
		5240	23.600	5227.960	5251.560	---	---
		5745	24.880	5732.920	5757.800	---	---
		5785	23.920	5773.000	5796.920	---	---
		5825	24.640	5812.280	5836.920	---	---
11N40SISO	Ant1	5190	43.440	5168.640	5212.080	---	---
		5230	42.880	5208.640	5251.520	---	---
		5755	44.400	5733.640	5778.040	---	---
		5795	44.720	5773.240	5817.960	---	---
11AC20SISO	Ant1	5180	22.480	5168.800	5191.280	---	---
		5220	23.000	5208.720	5231.720	---	---
		5240	22.120	5229.040	5251.160	---	---
		5745	23.680	5733.440	5757.120	---	---
		5785	22.760	5773.840	5796.600	---	---
		5825	23.040	5813.280	5836.320	---	---
11AC40SISO	Ant1	5190	42.560	5168.640	5211.200	---	---
		5230	42.320	5208.800	5251.120	---	---
		5755	44.320	5733.560	5777.880	---	---
		5795	44.000	5773.320	5817.320	---	---
11AC80SISO	Ant1	5210	84.480	5167.920	5252.400	---	---
		5775	85.280	5732.440	5817.720	---	---

Test Graphs





11A_Ant1_5745



11A_Ant1_5785



11A_Ant1_5825



11N20SISO_Ant1_5180



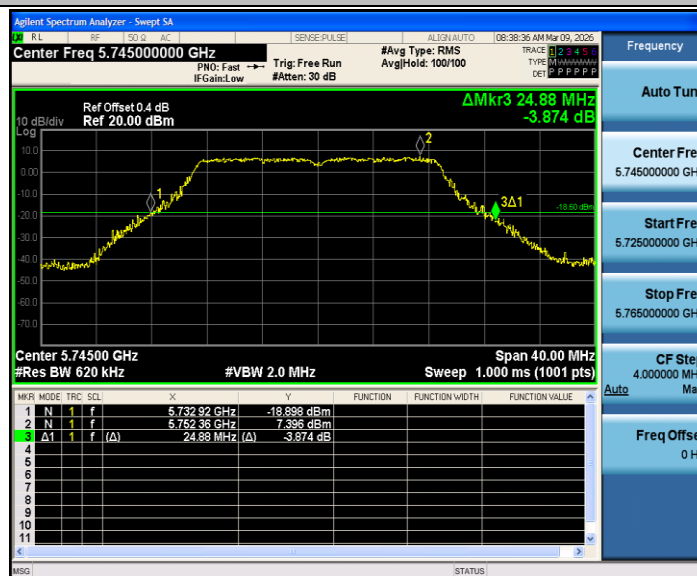
11N20SISO_Ant1_5220



11N20SISO_Ant1_5240



11N20SISO_Ant1_5745



11N20SISO_Ant1_5785



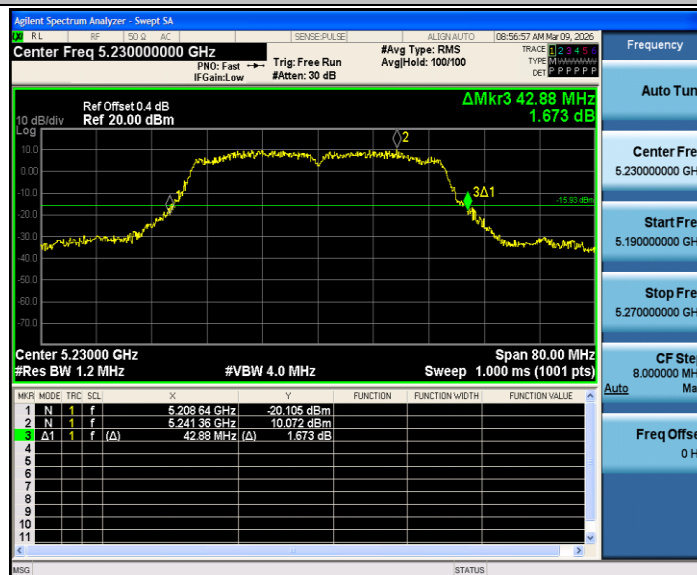
11N20SISO_Ant1_5825



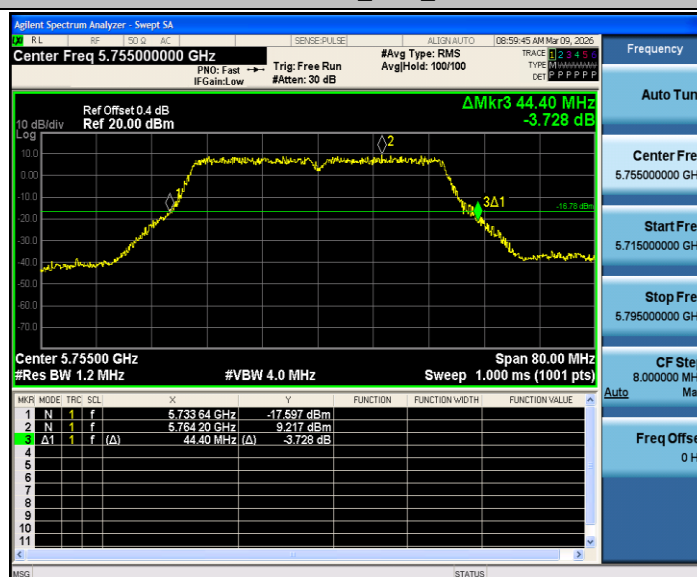
11N40SISO_Ant1_5190



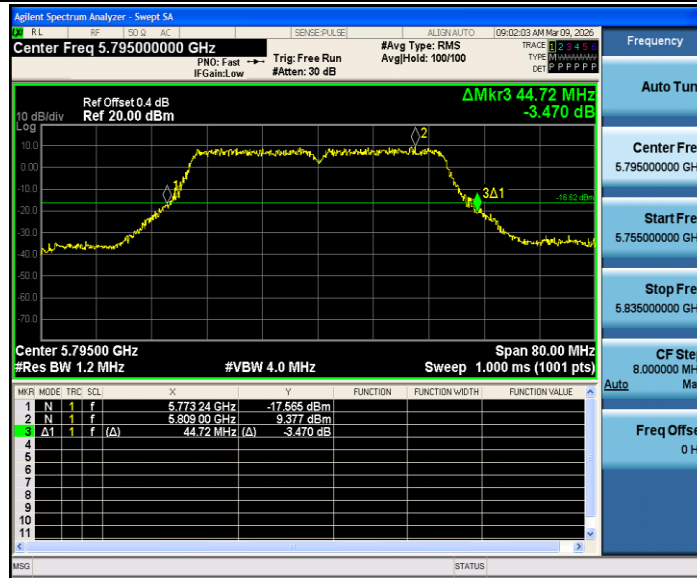
11N40SISO_Ant1_5230



11N40SISO_Ant1_5755



11N40SISO_Ant1_5795



11AC20SISO_Ant1_5180



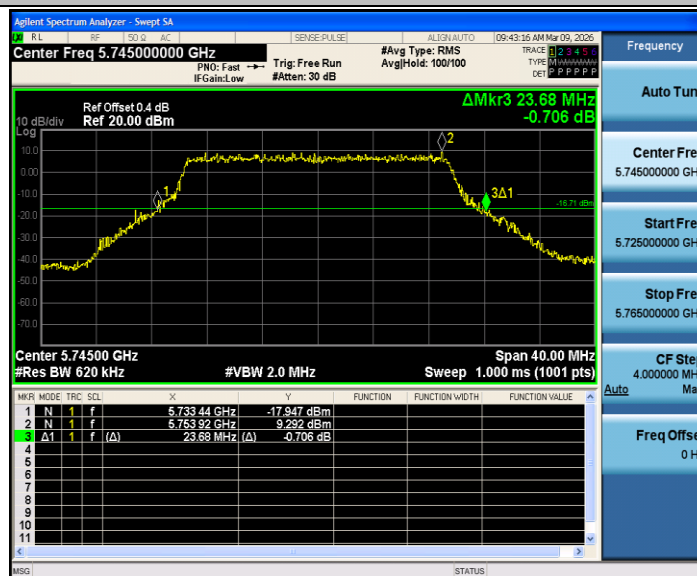
11AC20SISO_Ant1_5220



11AC20SISO_Ant1_5240



11AC20SISO_Ant1_5745



11AC20SISO_Ant1_5785



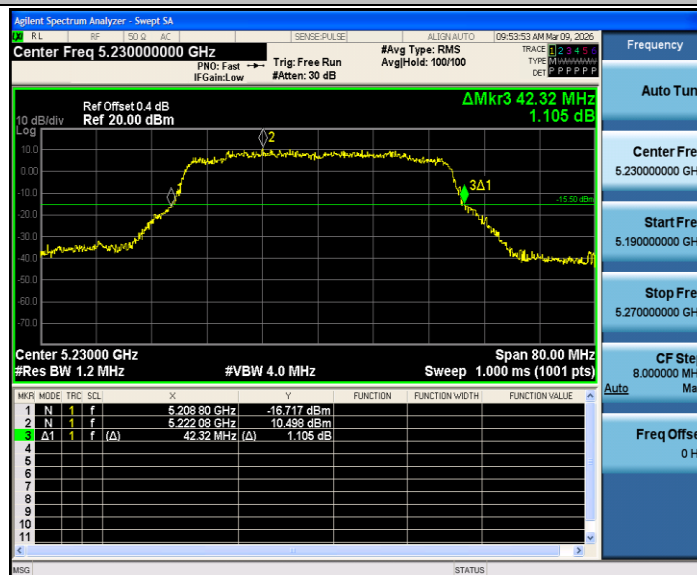
11AC20SISO_Ant1_5825



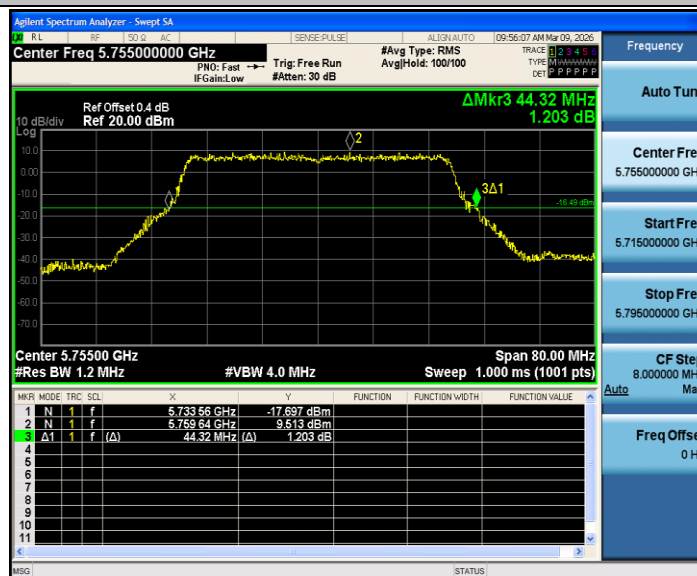
11AC40SISO_Ant1_5190



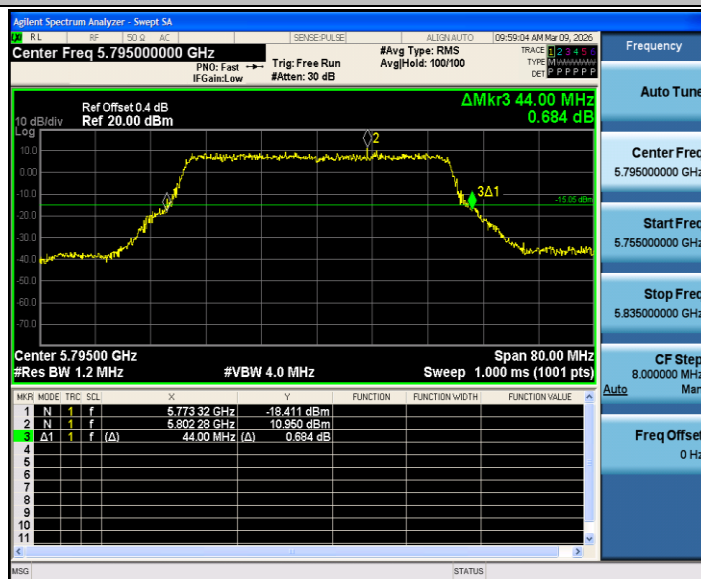
11AC40SISO_Ant1_5230



11AC40SISO_Ant1_5755



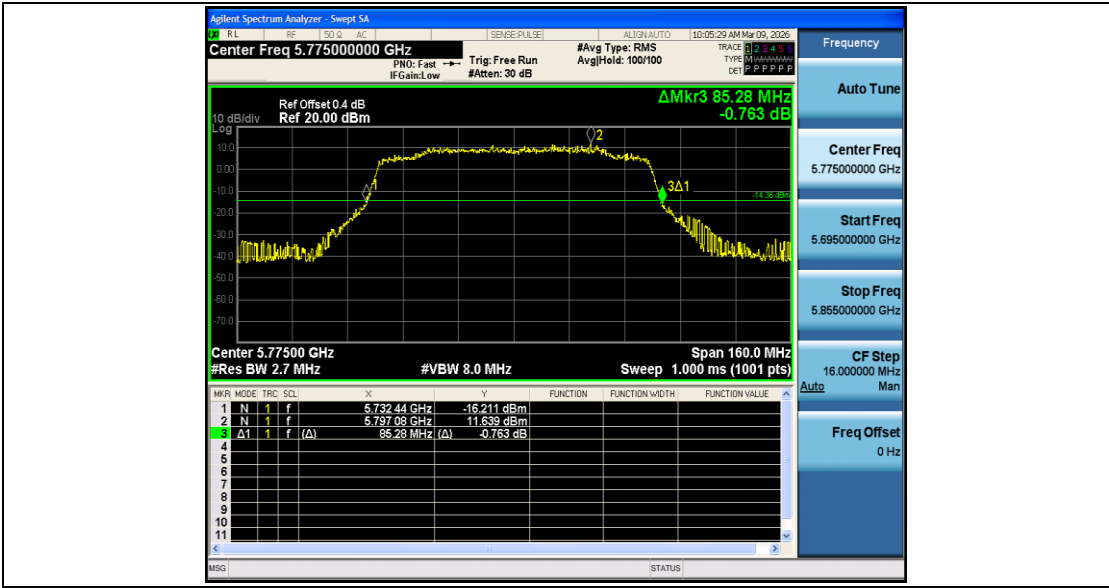
11AC40SISO_Ant1_5795



11AC80SISO_Ant1_5210



11AC80SISO_Ant1_5775



Appendix A2: Occupied channel bandwidth

Test Result

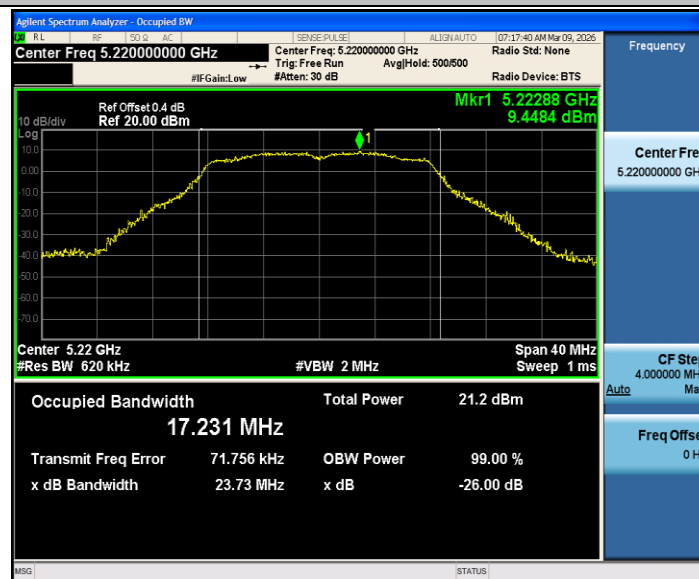
TestMode	Antenna	Freq(MHz)	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5180	17.252	5171.4357	5188.6877	---	---
		5220	17.231	5211.4563	5228.6873	---	---
		5240	17.219	5231.4076	5248.6266	---	---
		5745	17.602	5736.2359	5753.8379	---	---
		5785	17.585	5776.2355	5793.8205	---	---
		5825	17.672	5816.1754	5833.8474	---	---
11N20SISO	Ant1	5180	18.232	5170.9280	5189.1600	---	---
		5220	18.218	5210.9596	5229.1776	---	---
		5240	18.265	5230.8891	5249.1541	---	---
		5745	18.649	5735.6712	5754.3202	---	---
		5785	18.646	5775.7070	5794.3530	---	---
		5825	18.701	5815.6235	5834.3245	---	---
11N40SISO	Ant1	5190	36.388	5171.9095	5208.2975	---	---
		5230	36.306	5211.9076	5248.2136	---	---
		5755	37.092	5736.5648	5773.6568	---	---
		5795	36.862	5776.6781	5813.5401	---	---
11AC20SISO	Ant1	5180	19.114	5170.4876	5189.6016	---	---
		5220	19.153	5210.4894	5229.6424	---	---
		5240	19.065	5230.5282	5249.5932	---	---
		5745	19.418	5735.3011	5754.7191	---	---
		5785	19.361	5775.3684	5794.7294	---	---
		5825	19.465	5815.2929	5834.7579	---	---
11AC40SISO	Ant1	5190	37.728	5171.2183	5208.9463	---	---
		5230	37.805	5211.1455	5248.9505	---	---
		5755	38.305	5735.9473	5774.2523	---	---
		5795	38.298	5775.9596	5814.2576	---	---
11AC80SISO	Ant1	5210	76.962	5171.6099	5248.5719	---	---
		5775	77.114	5736.6886	5813.8026	---	---

Test Graphs

11A_Ant1_5180



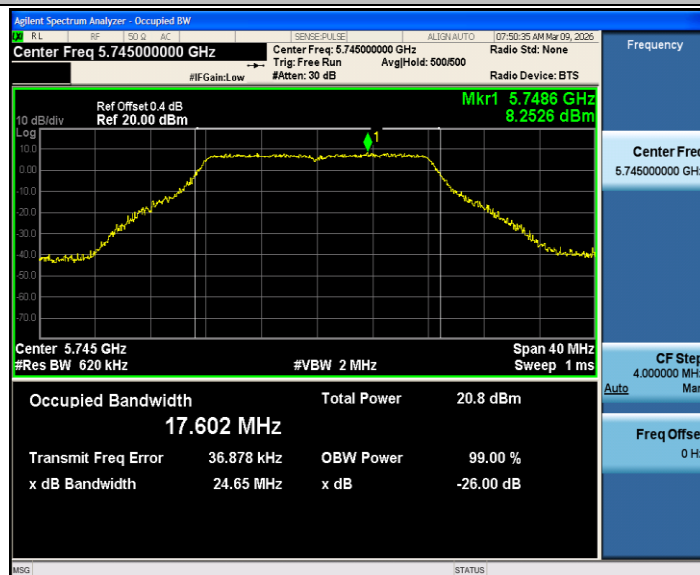
11A_Ant1_5220



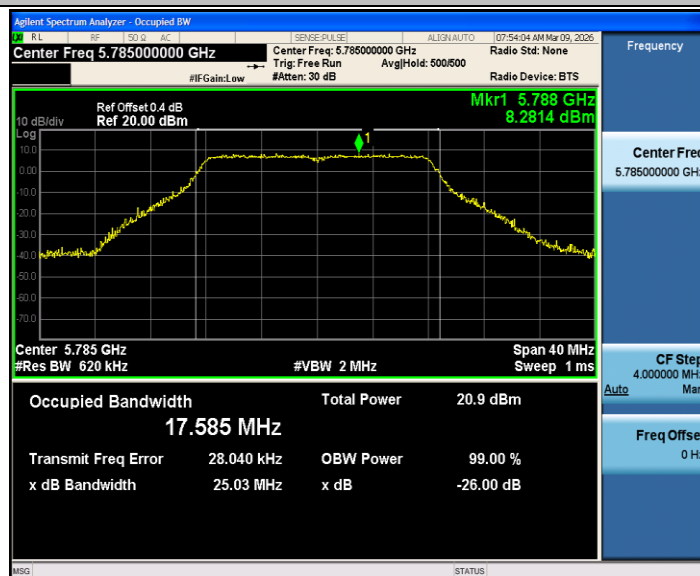
11A_Ant1_5240



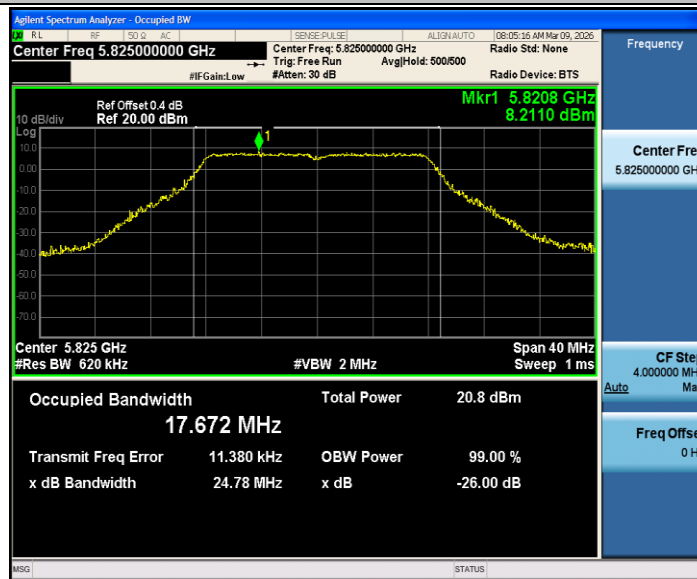
11A_Ant1_5745



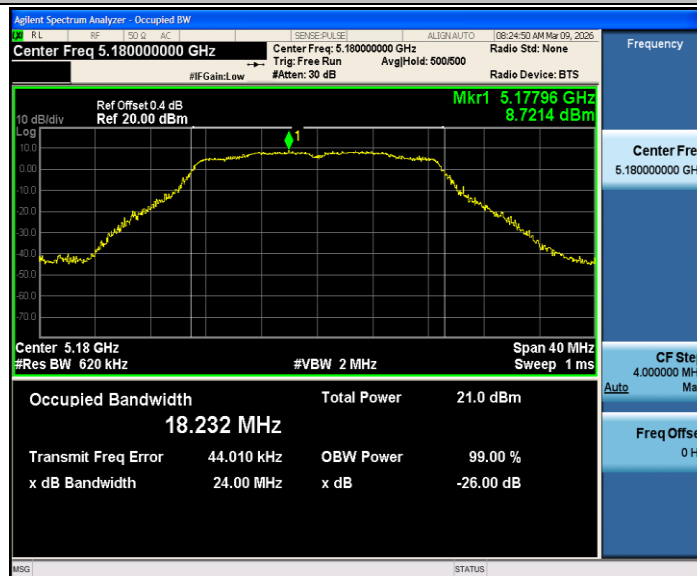
11A_Ant1_5785



11A_Ant1_5825



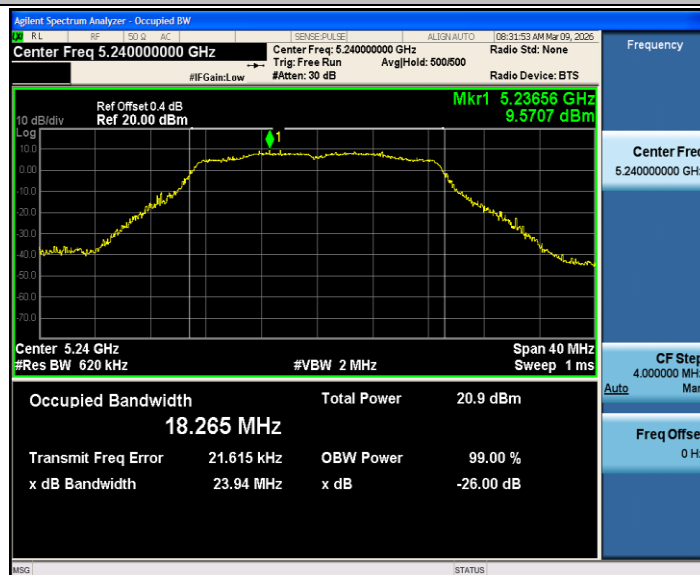
11N20SISO_Ant1_5180



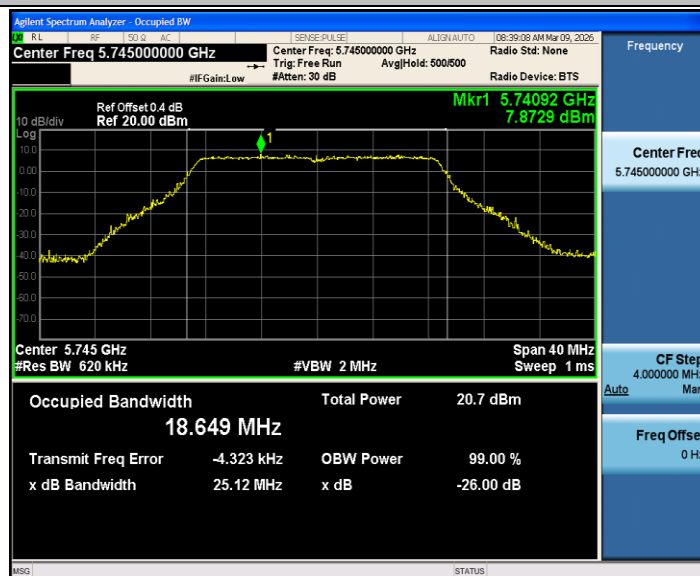
11N20SISO_Ant1_5220



11N20SISO_Ant1_5240



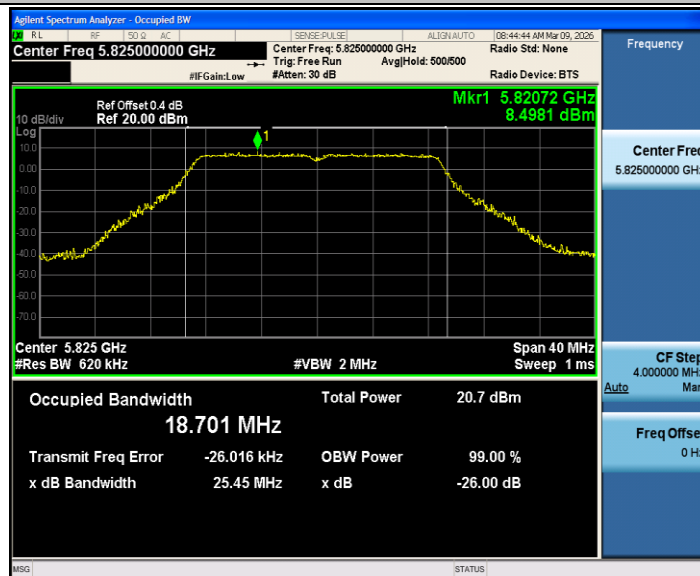
11N20SISO_Ant1_5745



11N20SISO_Ant1_5785



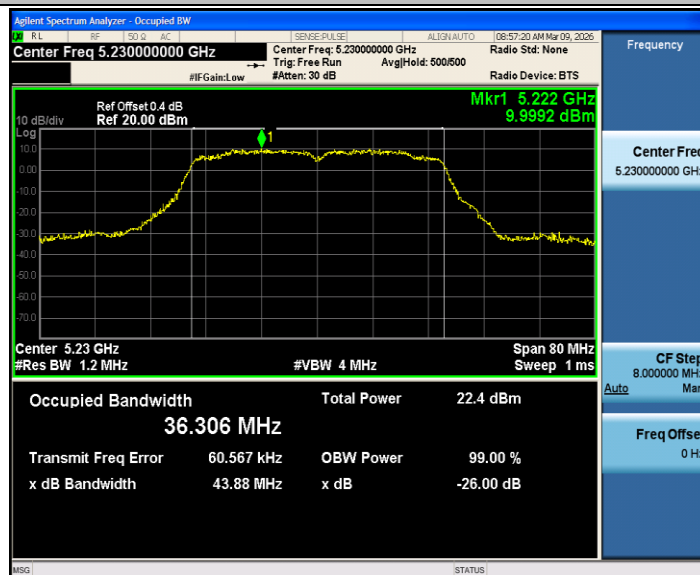
11N20SISO_Ant1_5825



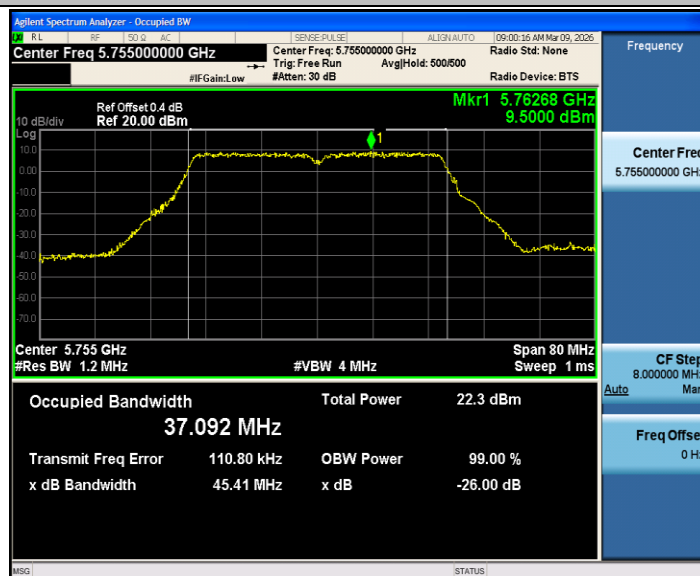
11N40SISO_Ant1_5190



11N40SISO_Ant1_5230



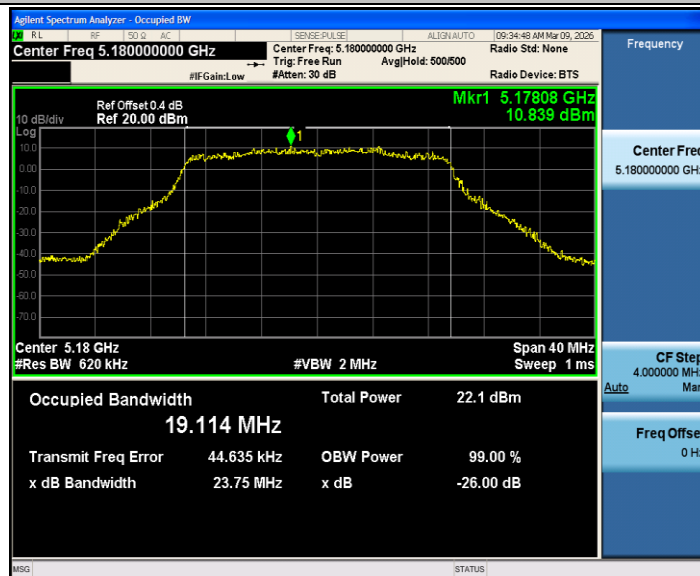
11N40SISO_Ant1_5755



11N40SISO_Ant1_5795



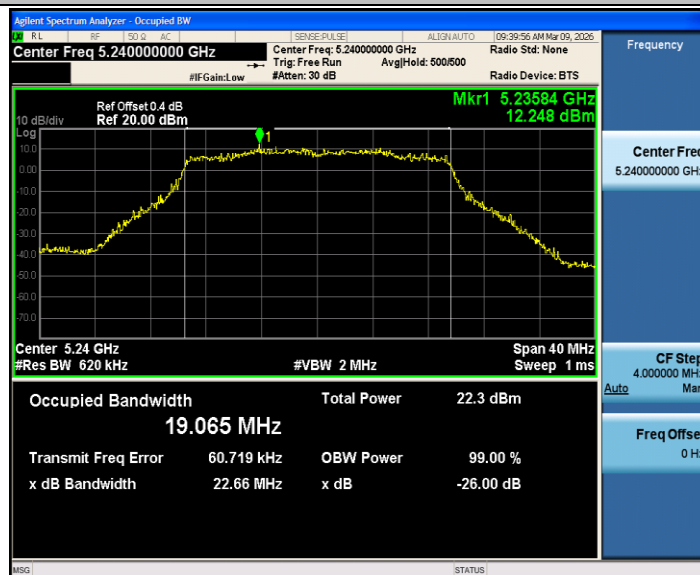
11AC20SISO_Ant1_5180



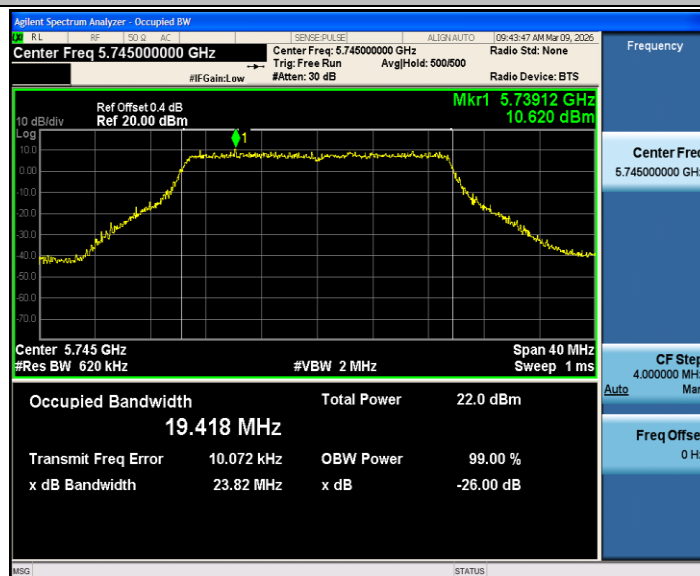
11AC20SISO_Ant1_5220



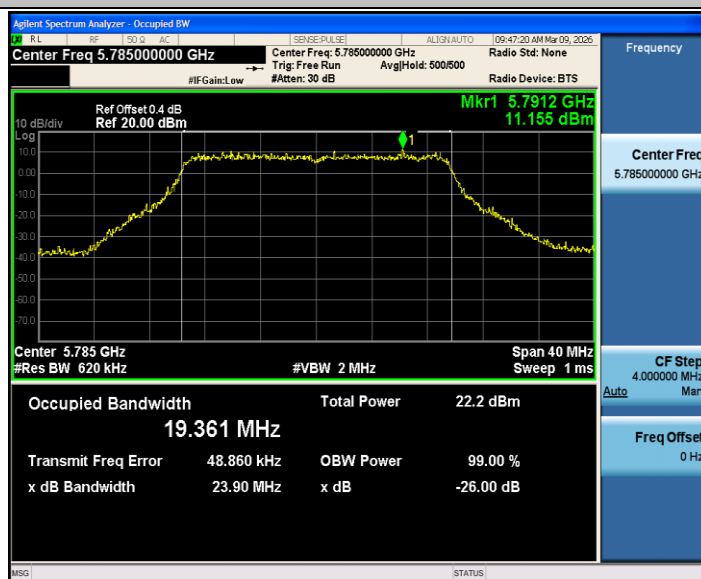
11AC20SISO_Ant1_5240



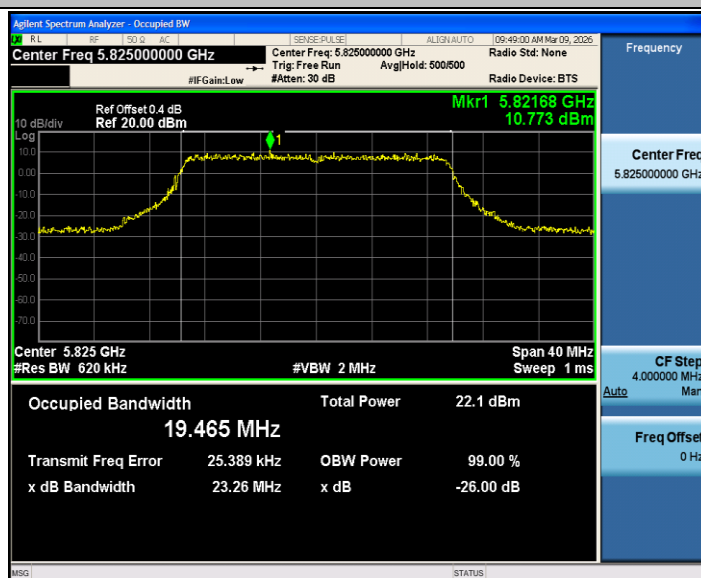
11AC20SISO_Ant1_5745



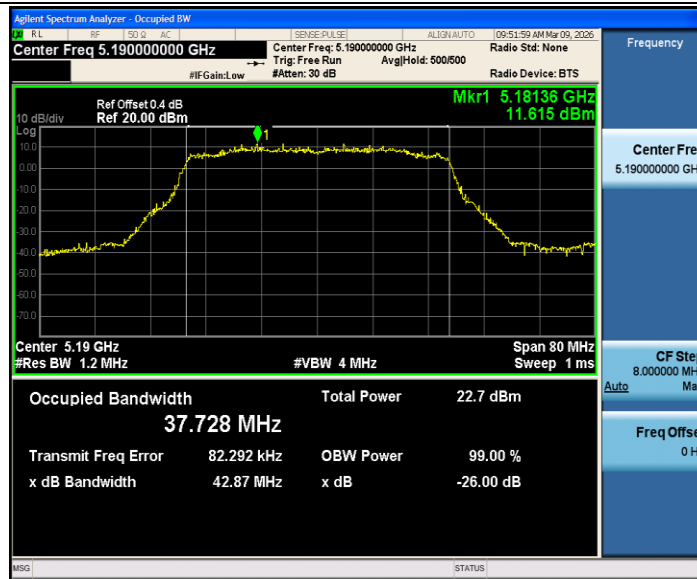
11AC20SISO_Ant1_5785



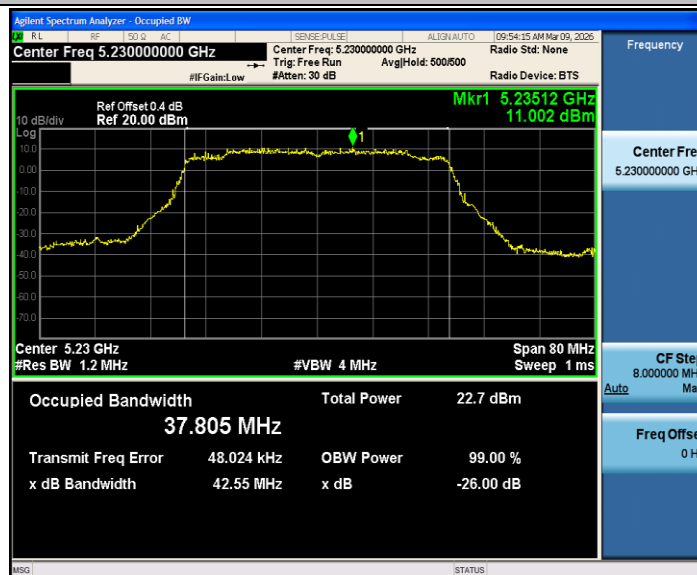
11AC20SISO_Ant1_5825



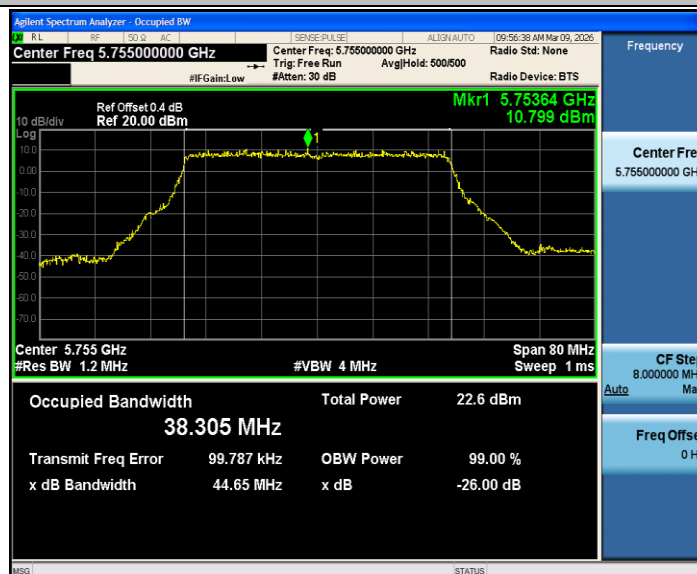
11AC40SISO_Ant1_5190

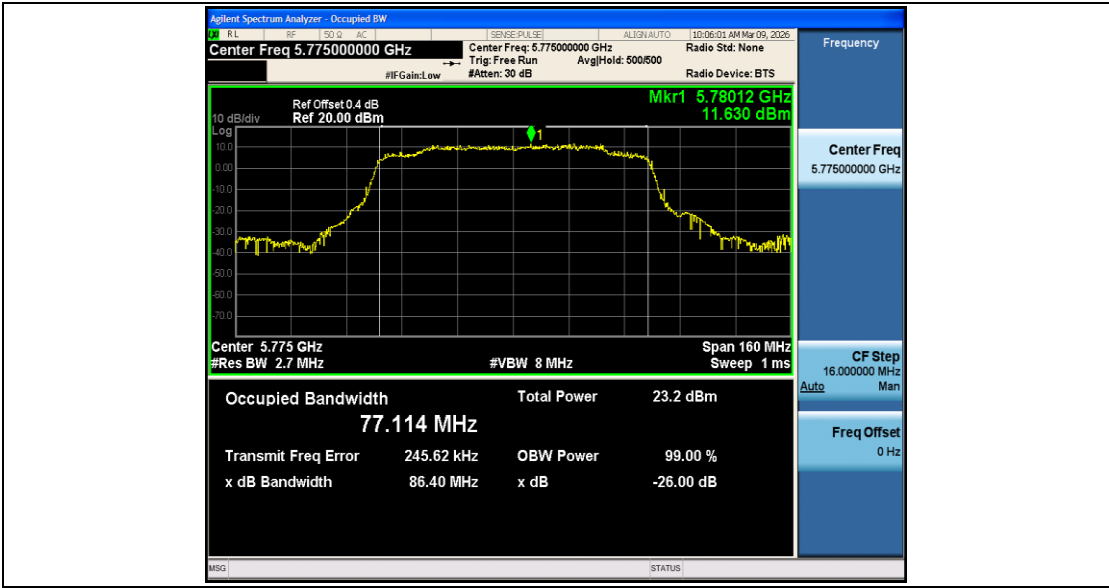


11AC40SISO_Ant1_5230



11AC40SISO_Ant1_5755





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	16.120	5737.040	5753.160	0.5	PASS
		5785	16.280	5776.880	5793.160	0.5	PASS
		5825	16.320	5816.840	5833.160	0.5	PASS
11N20SISO	Ant1	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
11N40SISO	Ant1	5755	36.320	5736.840	5773.160	0.5	PASS
		5795	35.920	5777.240	5813.160	0.5	PASS
11AC20SISO	Ant1	5745	18.640	5735.640	5754.280	0.5	PASS
		5785	18.560	5775.720	5794.280	0.5	PASS
		5825	18.560	5815.680	5834.240	0.5	PASS
11AC40SISO	Ant1	5755	37.680	5736.200	5773.880	0.5	PASS
		5795	37.680	5776.280	5813.960	0.5	PASS
11AC80SISO	Ant1	5775	75.040	5737.560	5812.600	0.5	PASS