

FCC Appendix RF Test Data for 5GWIFI

FCC ID : 2BHDZ-TL-WF701

Company : Dongguan Tianluo Electronic Technology Co.,Ltd

EUT : wireless video door phone

Model Number : TL-WF701

Report No. : CTA26050900702

Reviewed By : Eric Wang

AppendixA:EmissionBandwidth

Test Result

TestMode	Antenna	Freq(MHz)	26db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5180	22.840	5168.880	5191.720	---	---
		5220	23.320	5208.280	5231.600	---	---
		5240	23.840	5228.560	5252.400	---	---
		5745	23.920	5732.680	5756.600	---	---
		5785	24.360	5772.720	5797.080	---	---
		5825	24.520	5812.640	5837.160	---	---
11N20SISO	Ant1	5180	23.520	5168.560	5192.080	---	---
		5220	23.760	5208.320	5232.080	---	---
		5240	23.520	5228.440	5251.960	---	---
		5745	24.680	5732.760	5757.440	---	---
		5785	24.560	5772.640	5797.200	---	---
		5825	25.600	5812.080	5837.680	---	---
11N40SISO	Ant1	5190	43.360	5168.320	5211.680	---	---
		5230	42.960	5208.880	5251.840	---	---
		5755	45.760	5732.280	5778.040	---	---
		5795	44.800	5773.240	5818.040	---	---
11AC20SISO	Ant1	5180	22.640	5168.800	5191.440	---	---
		5220	23.160	5208.280	5231.440	---	---
		5240	22.880	5228.960	5251.840	---	---
		5745	24.160	5733.120	5757.280	---	---
		5785	23.640	5773.120	5796.760	---	---
		5825	23.080	5813.840	5836.920	---	---
11AC40SISO	Ant1	5190	42.240	5168.640	5210.880	---	---
		5230	43.120	5208.640	5251.760	---	---
		5755	43.040	5733.560	5776.600	---	---
		5795	44.480	5773.160	5817.640	---	---
11AC80SISO	Ant1	5210	85.440	5167.280	5252.720	---	---
		5775	84.800	5732.760	5817.560	---	---

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



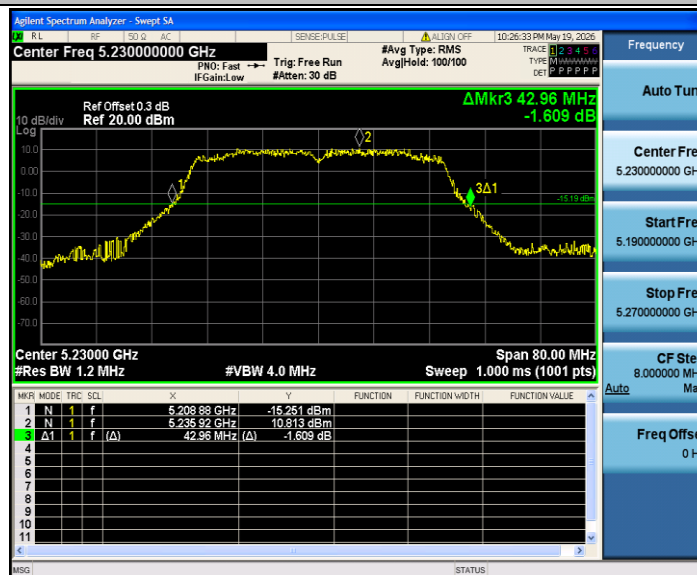
11N20SISO_Ant1_5825



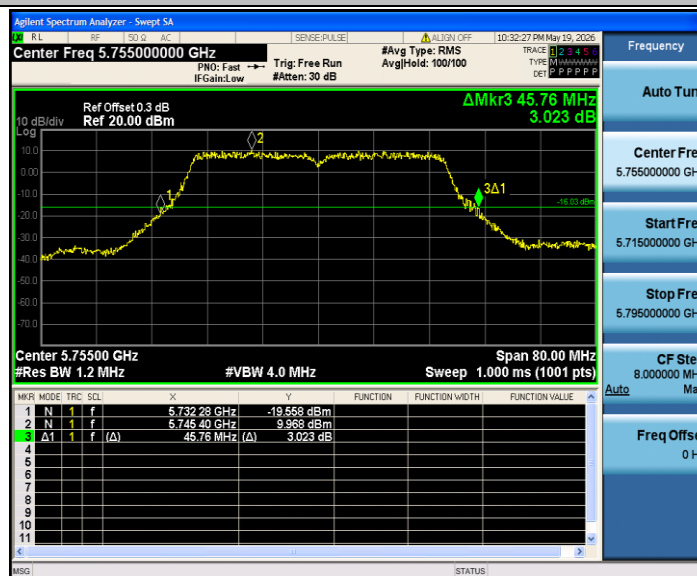
11N40SISO_Ant1_5190



11N40SISO_Ant1_5230



11N40SISO_Ant1_5755

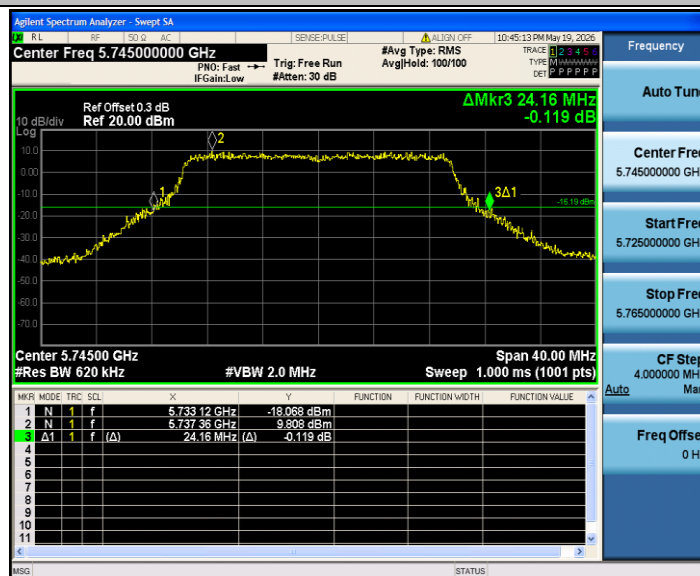




11AC20SISO_Ant1_5240



11AC20SISO_Ant1_5745



11AC20SISO_Ant1_5785



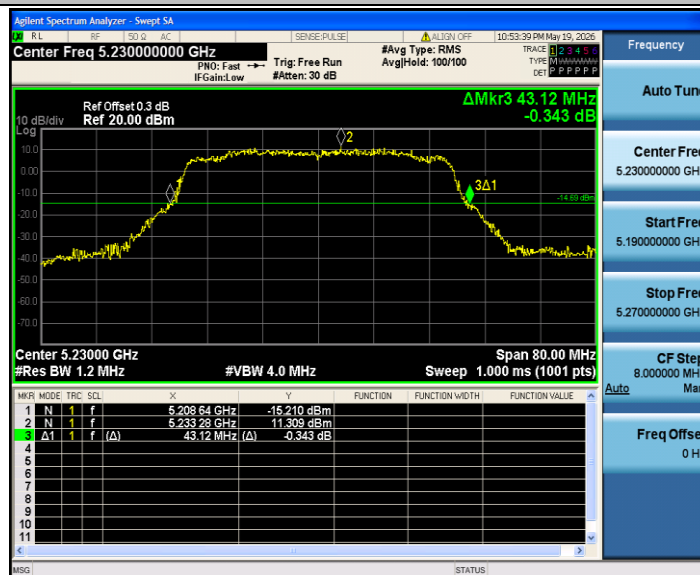
11AC20SISO_Ant1_5825



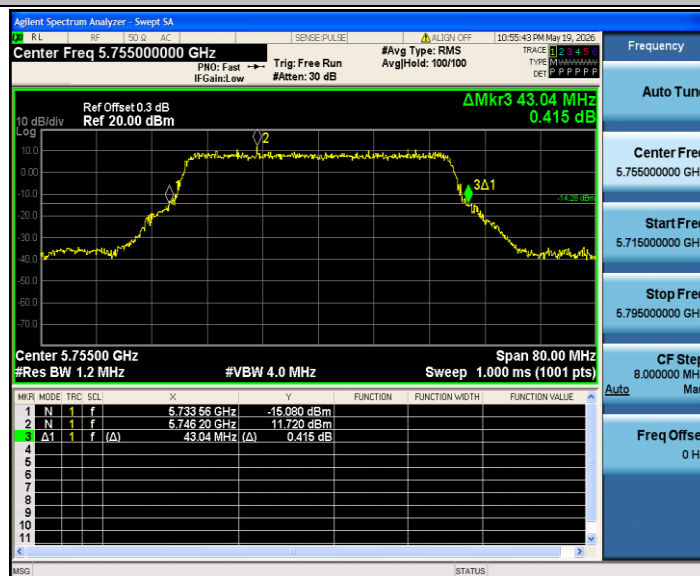
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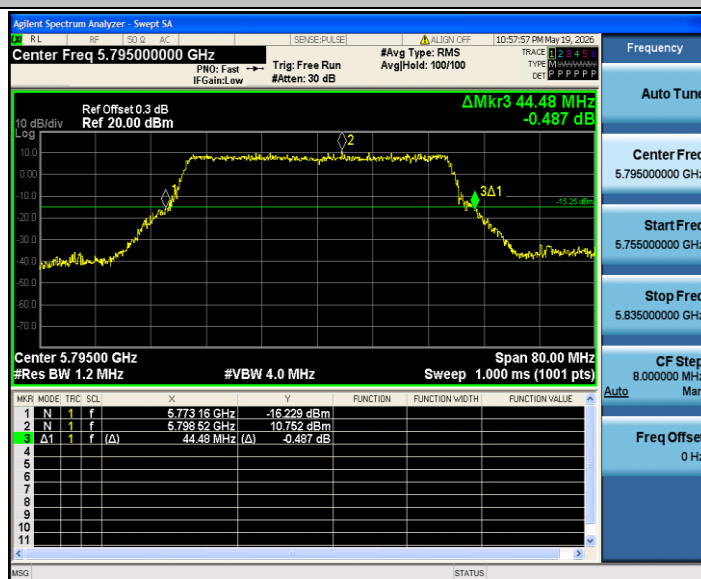
11AC40SISO_Ant1_5230



11AC40SISO_Ant1_5755



11AC40SISO_Ant1_5795



11AC80SISO_Ant1_5210



11AC80SISO_Ant1_5775



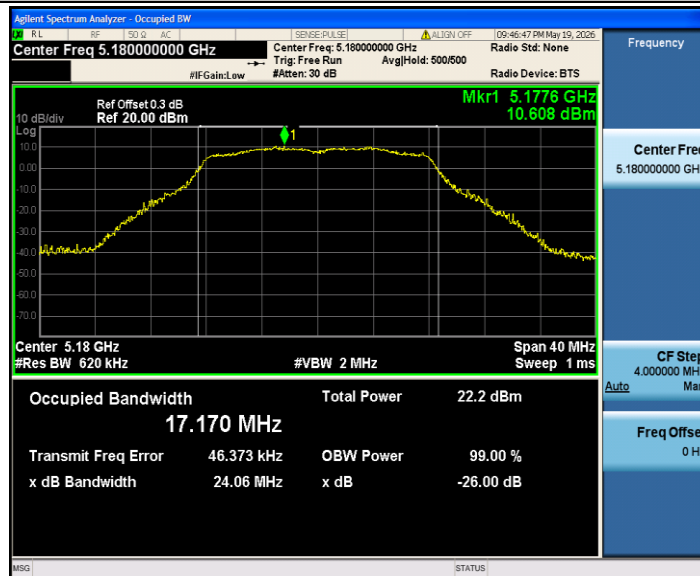
AppendixB: Occupied channel bandwidth

Test Result

TestMode	Antenna	Freq(MHz)	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5180	17.170	5171.4614	5188.6314	---	---
		5220	17.258	5211.3855	5228.6435	---	---
		5240	17.240	5231.4255	5248.6655	---	---
		5745	17.648	5736.1728	5753.8208	---	---
		5785	17.743	5776.1452	5793.8882	---	---
		5825	17.610	5816.2489	5833.8589	---	---
11N20SISO	Ant1	5180	18.317	5170.8572	5189.1742	---	---
		5220	18.232	5210.9089	5229.1409	---	---
		5240	18.248	5230.9058	5249.1538	---	---
		5745	18.708	5735.6671	5754.3751	---	---
		5785	18.604	5775.7156	5794.3196	---	---
		5825	18.640	5815.6811	5834.3211	---	---
11N40SISO	Ant1	5190	36.349	5171.9138	5208.2628	---	---
		5230	36.271	5211.9774	5248.2484	---	---
		5755	36.991	5736.5736	5773.5646	---	---
		5795	36.943	5776.6389	5813.5819	---	---
11AC20SISO	Ant1	5180	19.094	5170.5028	5189.5968	---	---
		5220	19.098	5210.4734	5229.5714	---	---
		5240	19.074	5230.4981	5249.5721	---	---
		5745	19.332	5735.3585	5754.6905	---	---
		5785	19.373	5775.3446	5794.7176	---	---
		5825	19.402	5815.3331	5834.7351	---	---
11AC40SISO	Ant1	5190	37.765	5171.1740	5208.9390	---	---
		5230	37.821	5211.1568	5248.9778	---	---
		5755	38.339	5735.8723	5774.2113	---	---
		5795	38.431	5775.8601	5814.2911	---	---
11AC80SISO	Ant1	5210	76.999	5171.5965	5248.5955	---	---
		5775	77.041	5736.5903	5813.6313	---	---

Test Graphs

11A_Ant1_5180



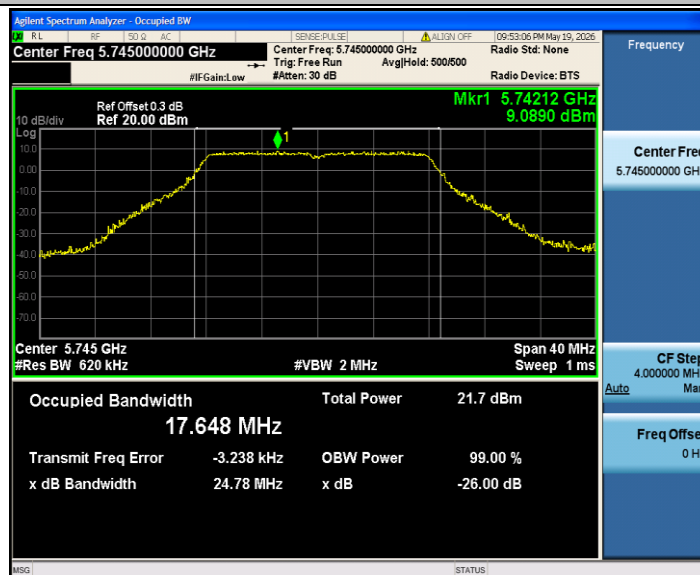
11A_Ant1_5220



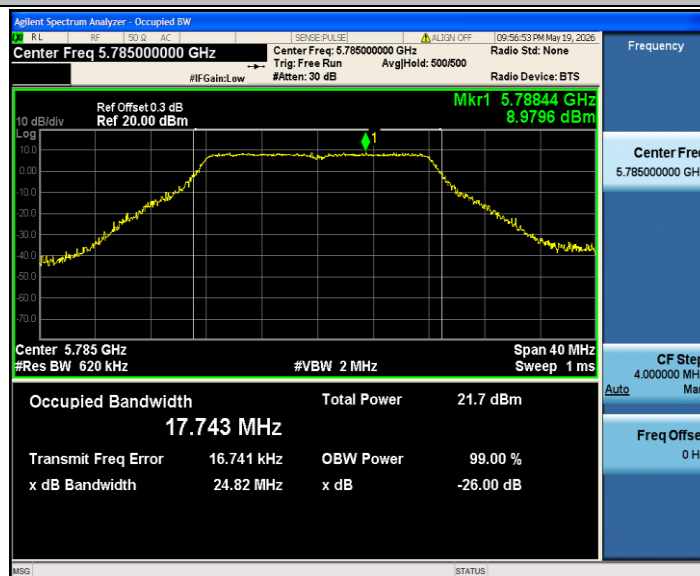
11A_Ant1_5240



11A_Ant1_5745



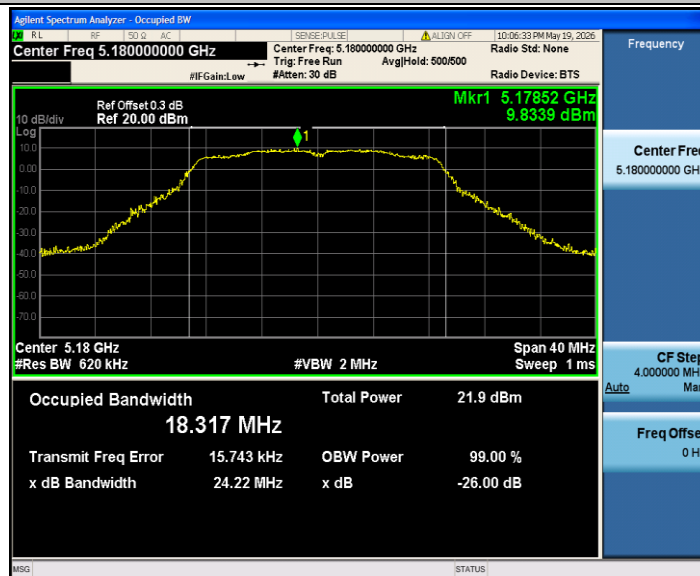
11A_Ant1_5785



11A_Ant1_5825



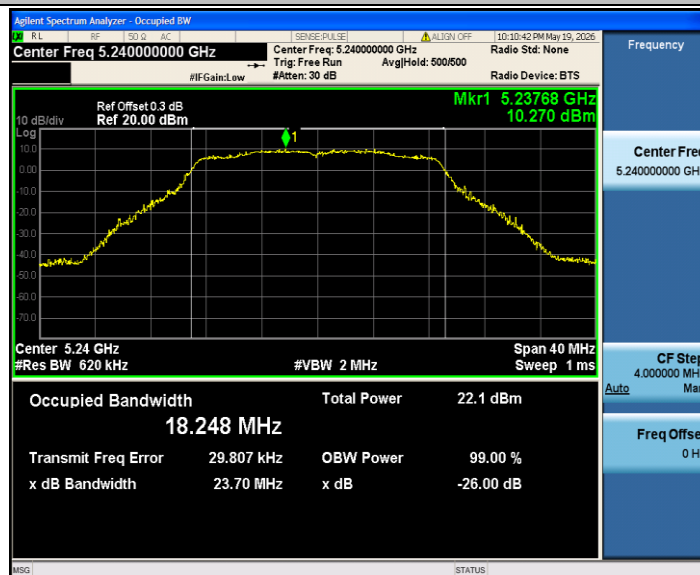
11N20SISO_Ant1_5180



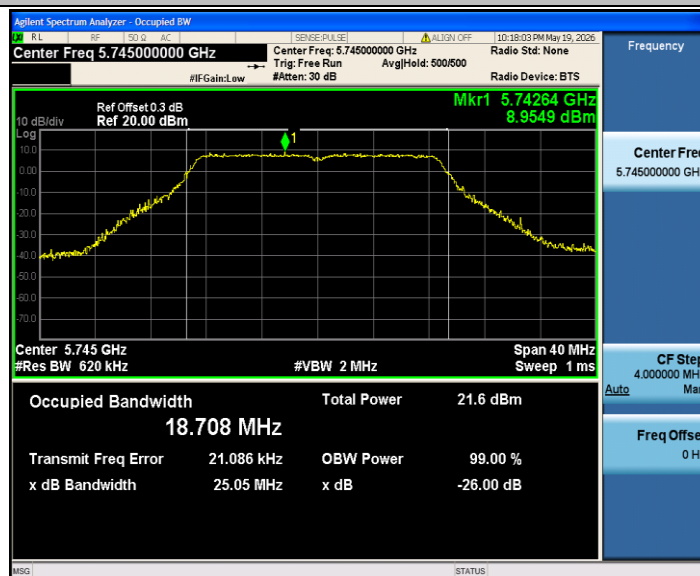
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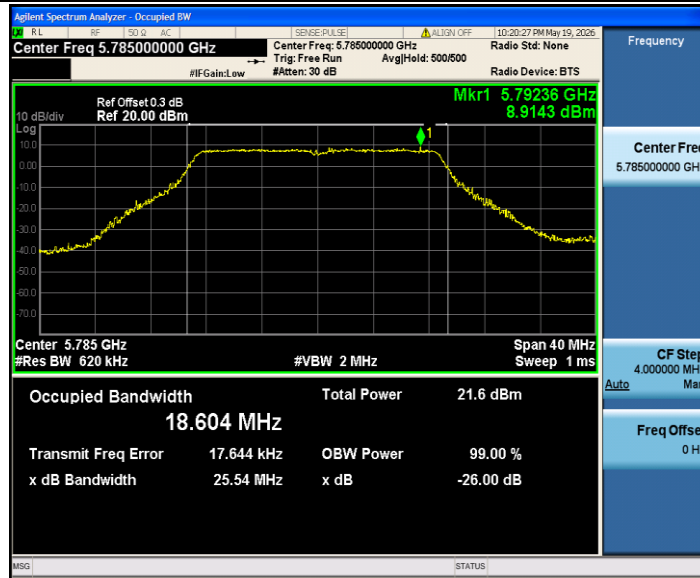
11N20SISO_Ant1_5240



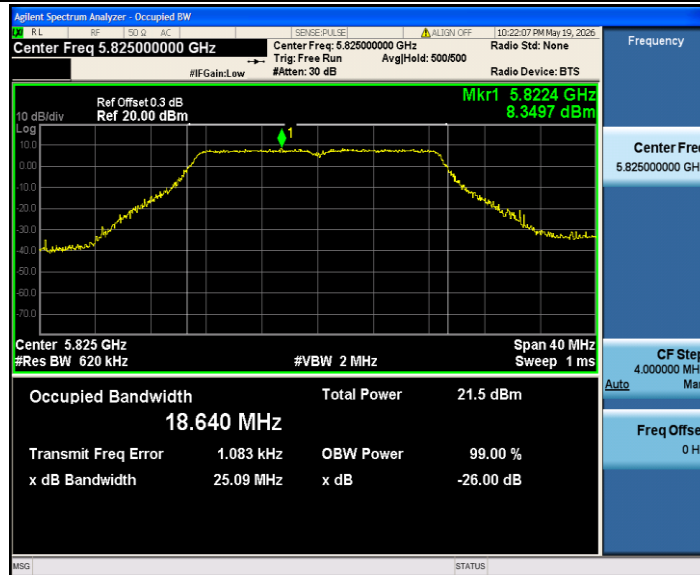
11N20SISO_Ant1_5745



11N20SISO_Ant1_5785



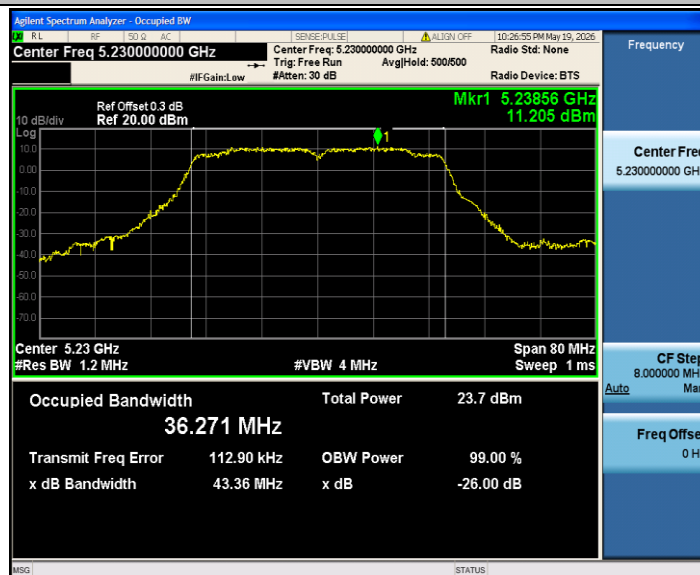
11N20SISO_Ant1_5825



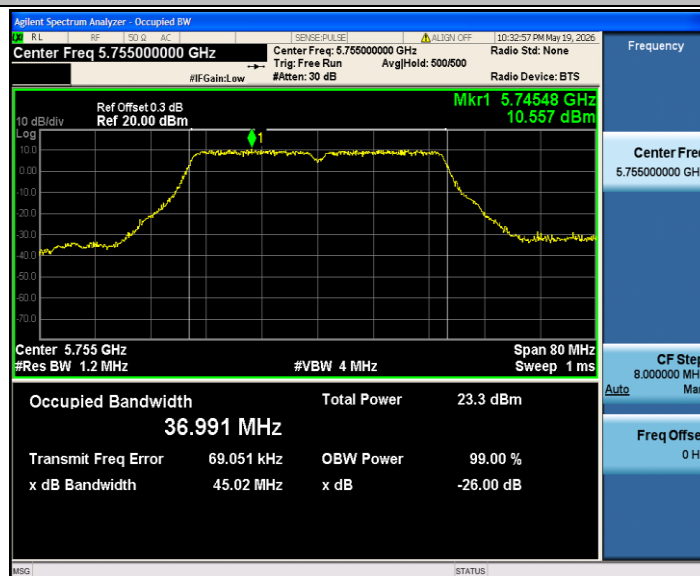
11N40SISO_Ant1_5190



11N40SISO_Ant1_5230



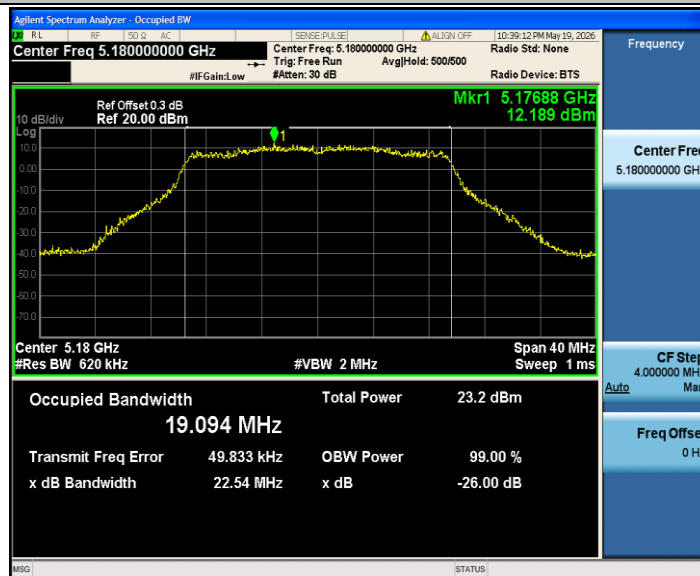
11N40SISO_Ant1_5755



11N40SISO_Ant1_5795



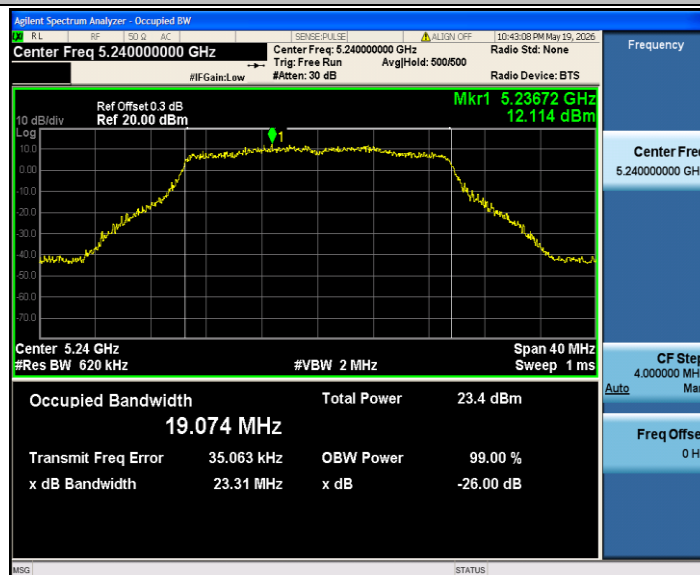
11AC20SISO_Ant1_5180



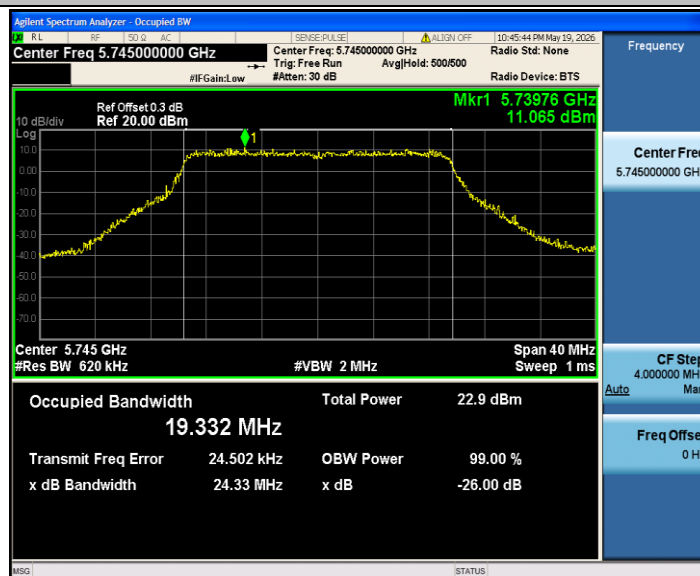
11AC20SISO_Ant1_5220



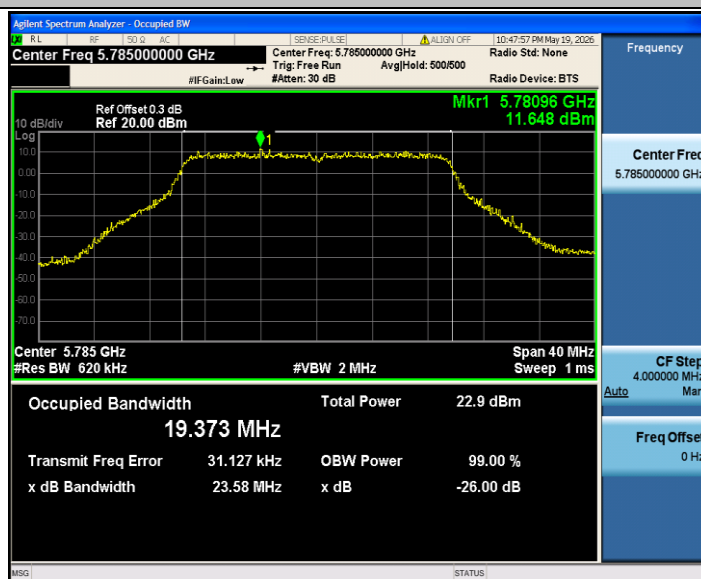
11AC20SISO_Ant1_5240



11AC20SISO_Ant1_5745



11AC20SISO_Ant1_5785



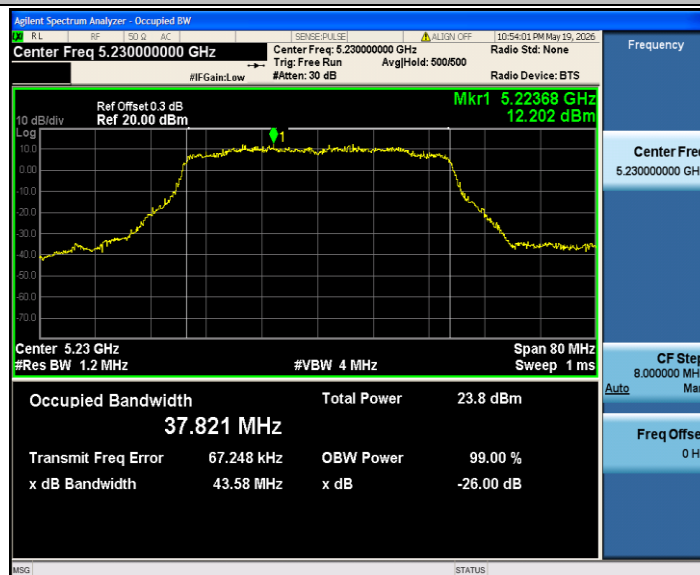
11AC20SISO_Ant1_5825



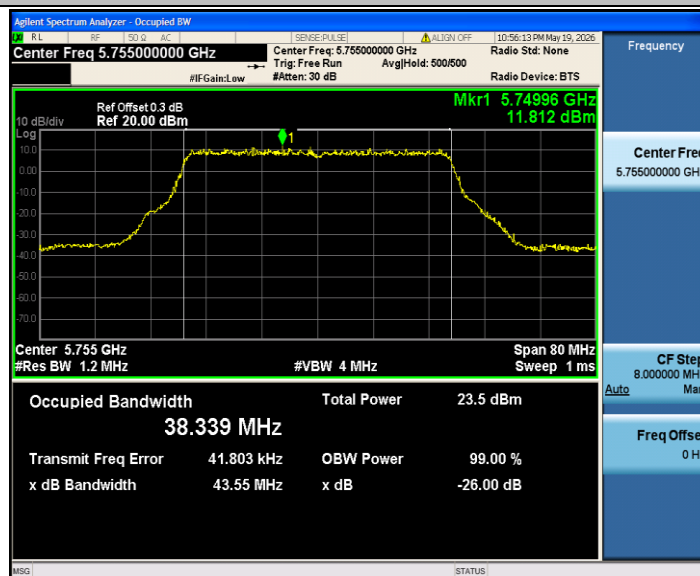
11AC40SISO_Ant1_5190



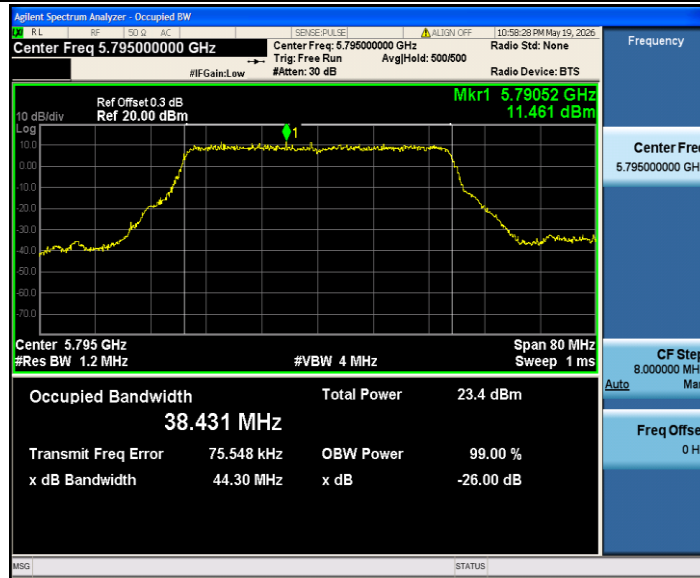
11AC40SISO_Ant1_5230



11AC40SISO_Ant1_5755



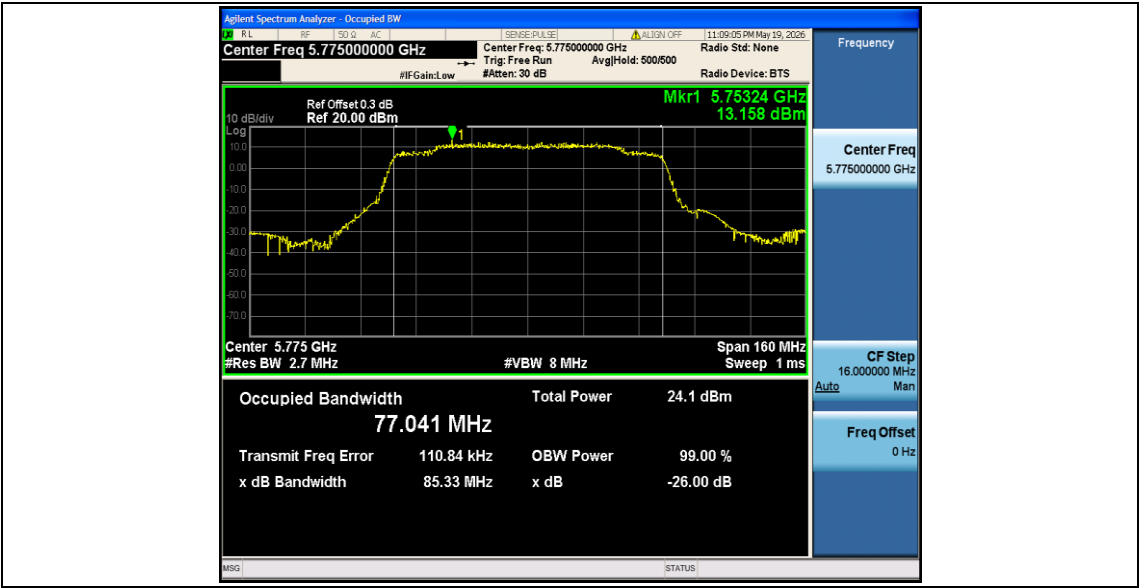
11AC40SISO_Ant1_5795



11AC80SISO_Ant1_5210



11AC80SISO_Ant1_5775

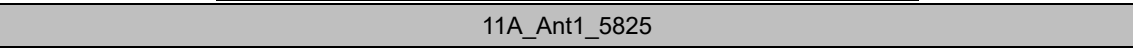
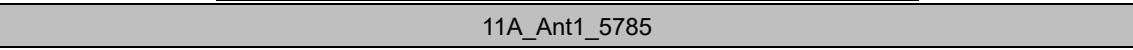


AppendixC: Min emission bandwidth

Test Result B4

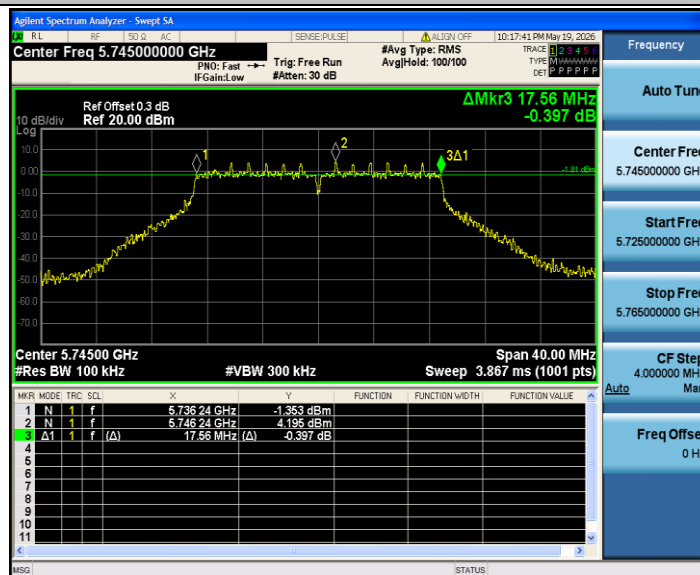
TestMode	Antenna	Freq(MHz)	6db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5745	16.320	5736.840	5753.160	0.5	PASS
		5785	16.320	5776.840	5793.160	0.5	PASS
		5825	16.320	5816.840	5833.160	0.5	PASS
11N20SISO	Ant1	5745	17.560	5736.240	5753.800	0.5	PASS
		5785	17.560	5776.240	5793.800	0.5	PASS
		5825	17.560	5816.240	5833.800	0.5	PASS
11N40SISO	Ant1	5755	36.320	5736.840	5773.160	0.5	PASS
		5795	36.320	5776.840	5813.160	0.5	PASS
11AC20SISO	Ant1	5745	18.320	5735.680	5754.000	0.5	PASS
		5785	18.480	5775.640	5794.120	0.5	PASS
		5825	18.440	5815.600	5834.040	0.5	PASS
11AC40SISO	Ant1	5755	37.680	5736.280	5773.960	0.5	PASS
		5795	37.920	5776.040	5813.960	0.5	PASS
11AC80SISO	Ant1	5775	75.200	5737.400	5812.600	0.5	PASS

11A_Ant1_5745

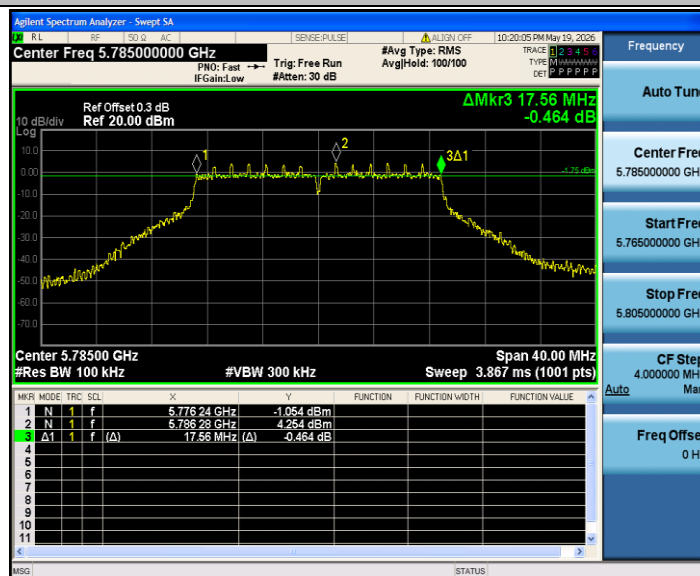




11N20SISO_Ant1_5745



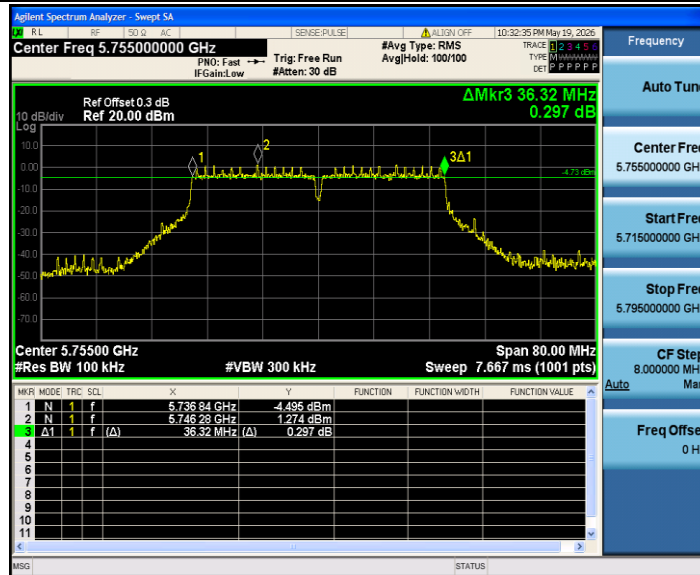
11N20SISO_Ant1_5785



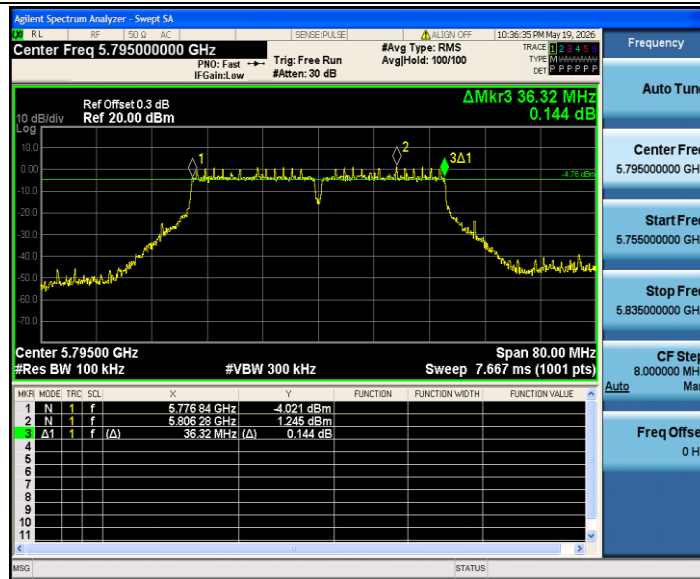
11N20SISO_Ant1_5825



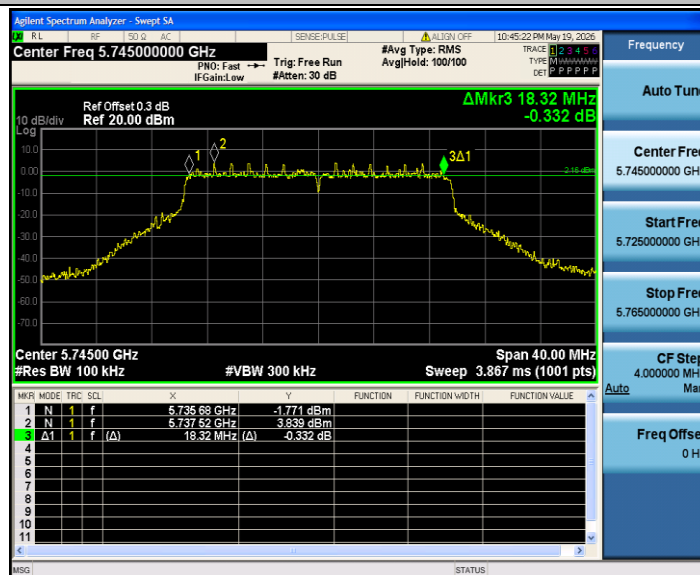
11N40SISO_Ant1_5755



11N40SISO_Ant1_5795



11AC20SISO_Ant1_5745



11AC20SISO_Ant1_5785

