

FCC Appendix RF Test Data for 5GWIFI

FCC ID : 2AZ2R-M5

Company : Shenzhen USEER Robotics Co.,Ltd.

EUT : Robotic Vacuum Cleaner

Model Number : M5

Report No. : CTA25110501803

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	23.640	5168.680	5192.320	---	---
		5200	23.200	5188.640	5211.840	---	---
		5240	23.480	5228.280	5251.760	---	---
		5260	24.160	5248.160	5272.320	---	---
		5280	23.680	5268.160	5291.840	---	---
		5320	23.440	5307.960	5331.400	---	---
		5500	24.280	5488.160	5512.440	---	---
		5580	23.560	5568.360	5591.920	---	---
		5700	23.840	5688.080	5711.920	---	---
		5745	23.600	5733.600	5757.200	---	---
		5785	24.160	5773.120	5797.280	---	---
		5825	24.600	5812.320	5836.920	---	---
11N20SISO	Ant1	5180	23.960	5168.360	5192.320	---	---
		5200	24.680	5187.960	5212.640	---	---
		5240	24.400	5227.960	5252.360	---	---
		5260	24.400	5247.680	5272.080	---	---
		5280	23.200	5268.160	5291.360	---	---
		5320	23.680	5308.160	5331.840	---	---
		5500	24.840	5487.720	5512.560	---	---
		5580	23.960	5567.960	5591.920	---	---
		5700	24.160	5687.720	5711.880	---	---
		5745	24.720	5732.640	5757.360	---	---
		5785	24.480	5772.800	5797.280	---	---
		5825	24.880	5812.680	5837.560	---	---

Test Graphs

11A_Ant1_5180



11A_Ant1_5200



11A_Ant1_5240



11A_Ant1_5260



11A_Ant1_5280



11A_Ant1_5320



11A_Ant1_5500



11A_Ant1_5580



11A_Ant1_5700



11A_Ant1_5745



11A_Ant1_5785



11A_Ant1_5825



11N20SISO_Ant1_5180



11N20SISO_Ant1_5200



11N20SISO_Ant1_5240





11N20SISO_Ant1_5500



11N20SISO_Ant1_5580



11N20SISO_Ant1_5700



11N20SISO_Ant1_5745



11N20SISO_Ant1_5785



11N20SISO_Ant1_5825



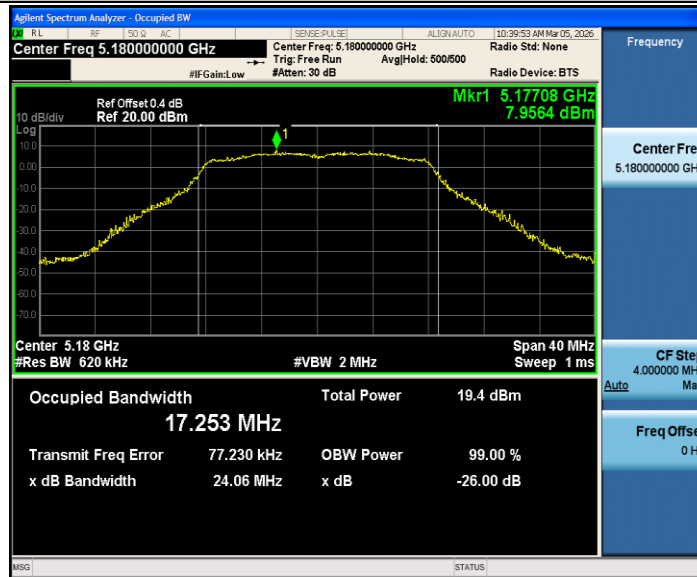
Appendix A2: Occupied channel bandwidth

Test Result

TestMode	Antenna	Freq(MHz)	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5180	17.253	5171.4507	5188.7037	---	---
		5200	17.336	5191.3583	5208.6943	---	---
		5240	17.209	5231.4615	5248.6705	---	---
		5260	17.240	5251.4055	5268.6455	---	---
		5280	17.249	5271.3956	5288.6446	---	---
		5320	17.281	5311.3942	5328.6752	---	---
		5500	17.219	5491.4383	5508.6573	---	---
		5580	17.265	5571.4219	5588.6869	---	---
		5700	17.272	5691.4004	5708.6724	---	---
		5745	17.644	5736.2345	5753.8785	---	---
		5785	17.602	5776.2365	5793.8385	---	---
		5825	17.643	5816.1938	5833.8368	---	---
11N20SISO	Ant1	5180	18.242	5170.9509	5189.1929	---	---
		5200	18.266	5190.9330	5209.1990	---	---
		5240	18.309	5230.8838	5249.1928	---	---
		5260	18.268	5250.9168	5269.1848	---	---
		5280	18.310	5270.8465	5289.1565	---	---
		5320	18.269	5310.8640	5329.1330	---	---
		5500	18.286	5490.8884	5509.1744	---	---
		5580	18.299	5570.8572	5589.1562	---	---
		5700	18.219	5690.9122	5709.1312	---	---
		5745	18.677	5735.6730	5754.3500	---	---
		5785	18.640	5775.6813	5794.3213	---	---
		5825	18.692	5815.6603	5834.3523	---	---

Test Graphs

11A_Ant1_5180



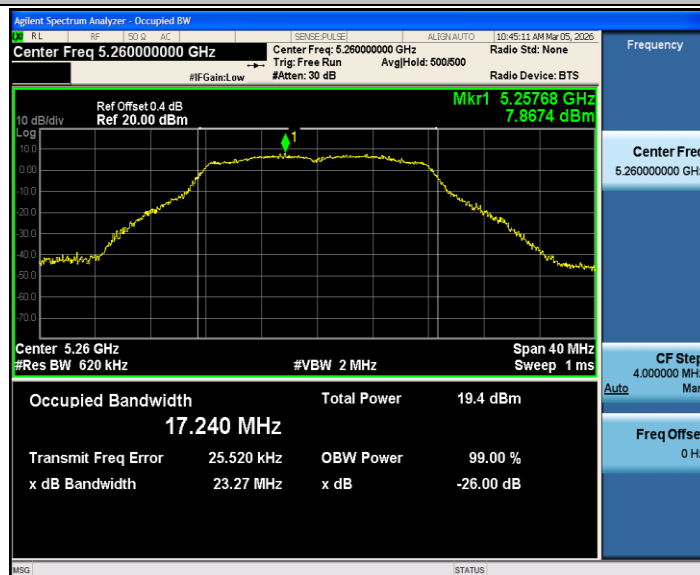
11A_Ant1_5200



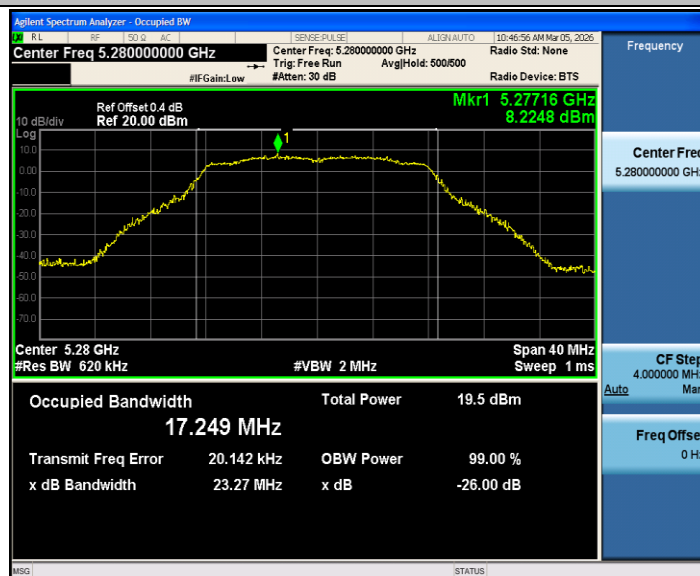
11A_Ant1_5240



11A_Ant1_5260



11A_Ant1_5280



11A_Ant1_5320



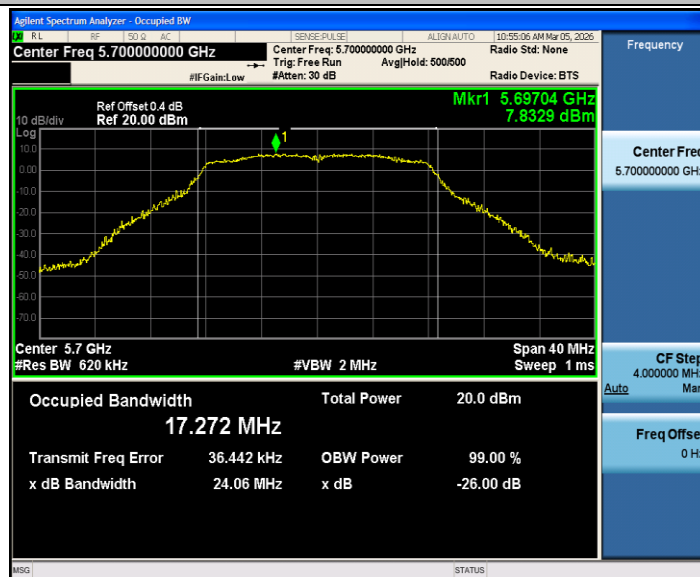
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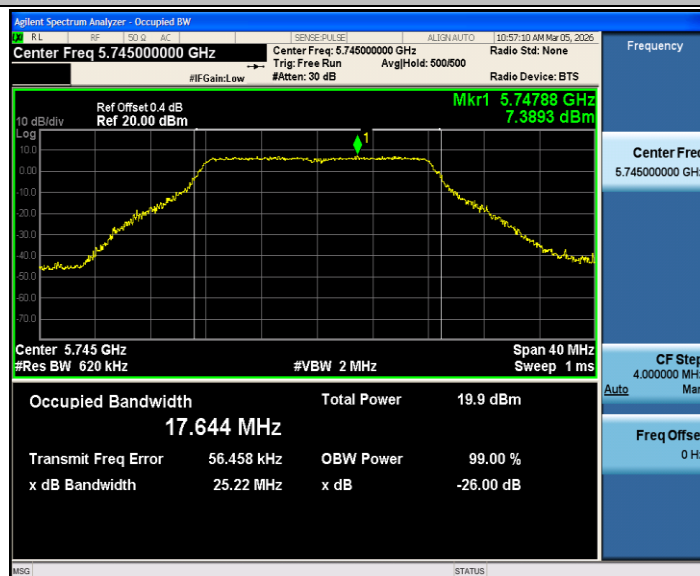
11A_Ant1_5580



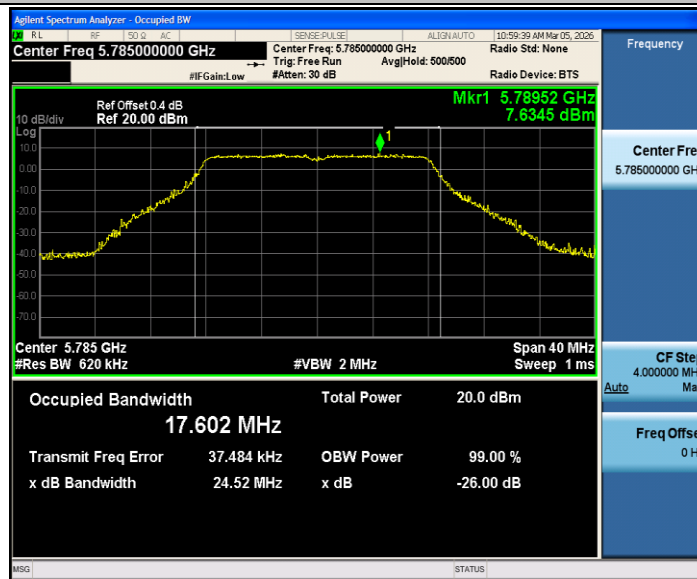
11A_Ant1_5700



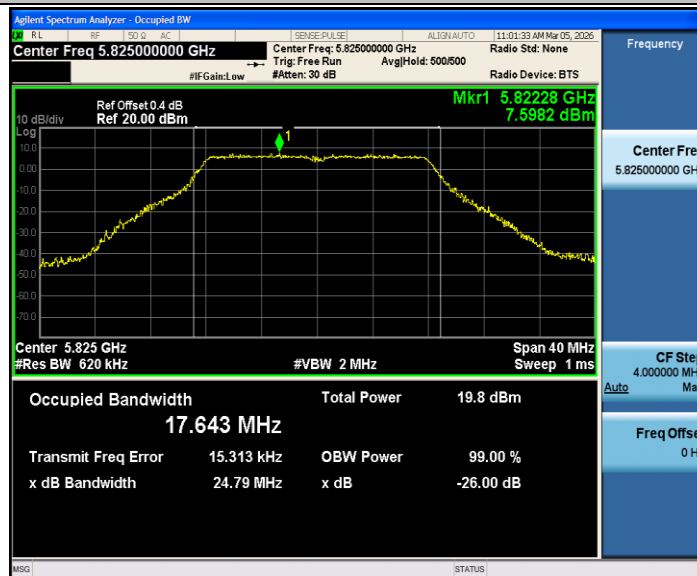
11A_Ant1_5745



11A_Ant1_5785



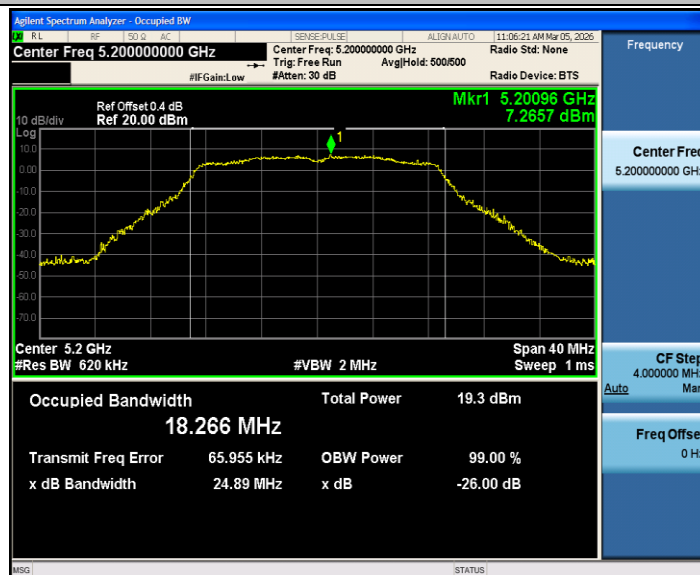
11A_Ant1_5825



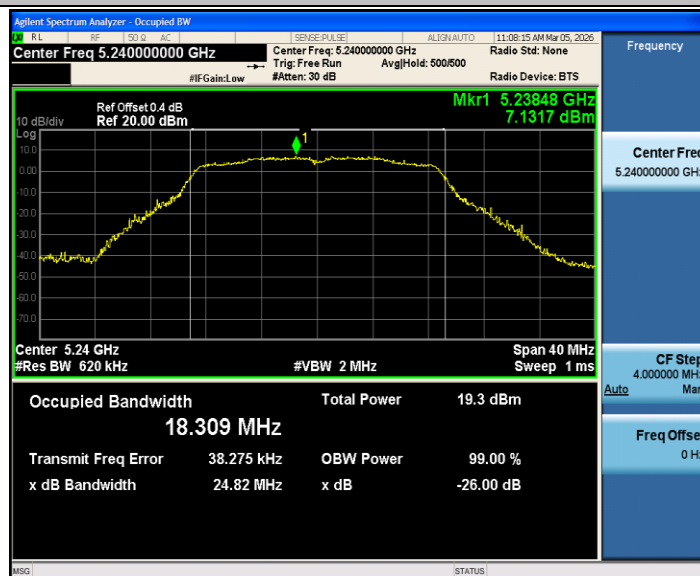
11N20SISO_Ant1_5180



11N20SISO_Ant1_5200



11N20SISO_Ant1_5240



11N20SISO_Ant1_5260



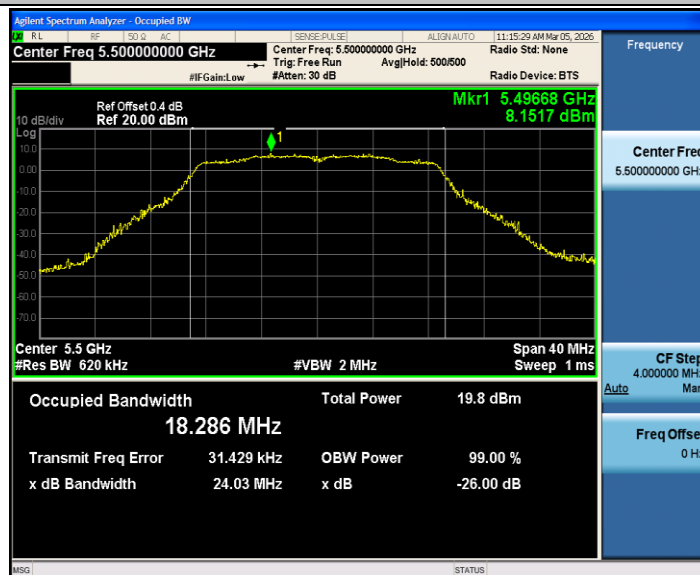
11N20SISO_Ant1_5280



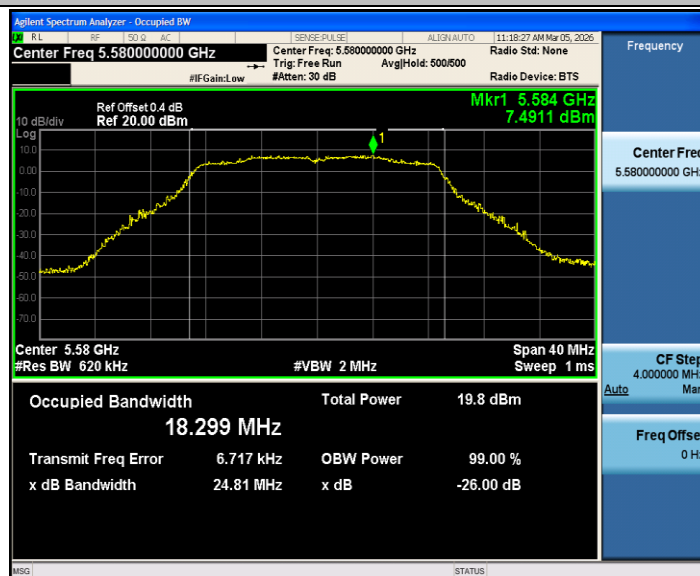
11N20SISO_Ant1_5320



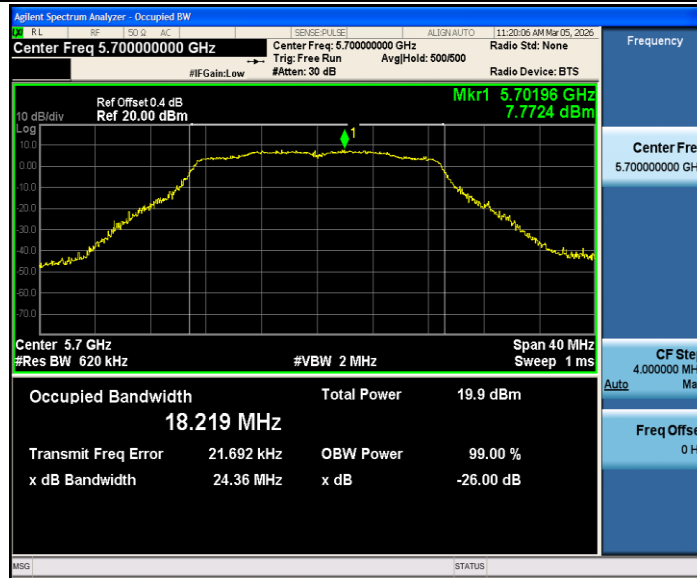
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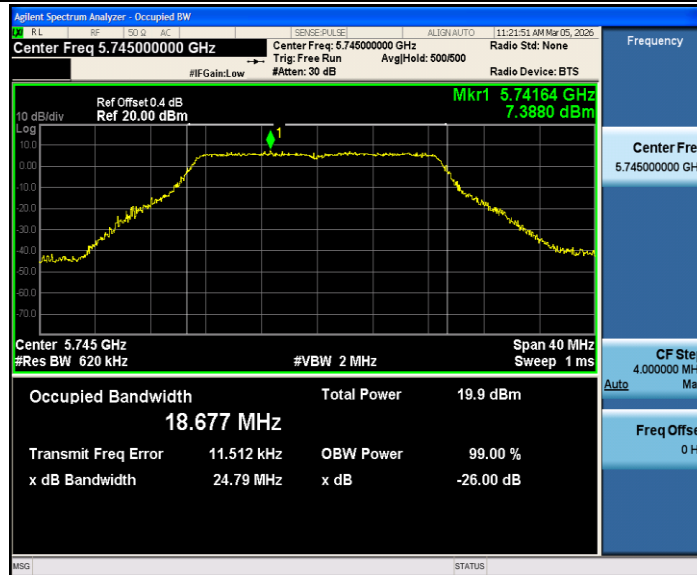
11N20SISO_Ant1_5580



11N20SISO_Ant1_5700



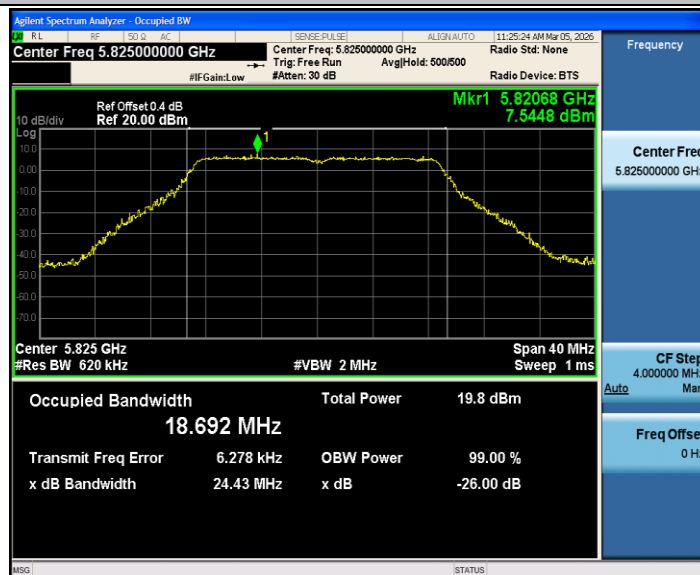
11N20SISO_Ant1_5745



11N20SISO_Ant1_5785



11N20SISO_Ant1_5825



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	17.320	5736.200	5753.520	0.5	PASS
		5785	17.520	5776.240	5793.760	0.5	PASS
		5825	17.520	5816.200	5833.720	0.5	PASS

Test Graphs B4

