

FCC Appendix RF Test Data for 5GWIFI

FCC ID : 2BVWM-S30PRO

Company : SHARE3DCAM LIMITED

EUT : Real-Scene 3D LiDAR Scanner

Model Number : SHARE3DCAM S30 PRO

Report No. : CTA26040800503

Reviewed By : Eric Wang

FCC Appendix RF Test Data for 5GWIFI Ant 1

Appendix A1: Emission Bandwidth

Test Result

TestMode	Antenna	Freq(MHz)	26db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5180	23.920	5167.800	5191.720	---	---
		5220	23.160	5209.000	5232.160	---	---
		5240	23.320	5228.400	5251.720	---	---
		5745	24.320	5732.680	5757.000	---	---
		5785	23.600	5773.280	5796.880	---	---
		5825	24.080	5812.840	5836.920	---	---
11N20SISO	Ant1	5180	24.320	5168.320	5192.640	---	---
		5220	24.320	5208.200	5232.520	---	---
		5240	23.800	5228.040	5251.840	---	---
		5745	25.080	5732.480	5757.560	---	---
		5785	24.160	5772.880	5797.040	---	---
		5825	24.640	5812.960	5837.600	---	---
11N40SISO	Ant1	5190	43.520	5168.240	5211.760	---	---
		5230	43.760	5208.480	5252.240	---	---
		5755	45.120	5732.840	5777.960	---	---
		5795	44.400	5773.480	5817.880	---	---
11AC20SISO	Ant1	5180	22.640	5169.000	5191.640	---	---
		5220	22.480	5208.920	5231.400	---	---
		5240	22.080	5228.920	5251.000	---	---
		5745	24.240	5733.320	5757.560	---	---
		5785	23.680	5773.080	5796.760	---	---
		5825	24.760	5811.920	5836.680	---	---
11AC40SISO	Ant1	5190	42.080	5169.040	5211.120	---	---
		5230	42.560	5208.880	5251.440	---	---
		5755	44.480	5733.160	5777.640	---	---
		5795	43.440	5773.640	5817.080	---	---
11AX20SISO	Ant1	5180	23.560	5168.000	5191.560	---	---
		5220	22.760	5208.880	5231.640	---	---
		5240	22.280	5229.280	5251.560	---	---
		5745	24.240	5732.520	5756.760	---	---
		5785	24.640	5772.520	5797.160	---	---
		5825	23.840	5813.200	5837.040	---	---
11AX40SISO	Ant1	5190	42.960	5168.800	5211.760	---	---
		5230	42.880	5208.880	5251.760	---	---
		5755	44.880	5732.840	5777.720	---	---
		5795	44.480	5773.160	5817.640	---	---

Test Graphs

11A_Ant1_5180



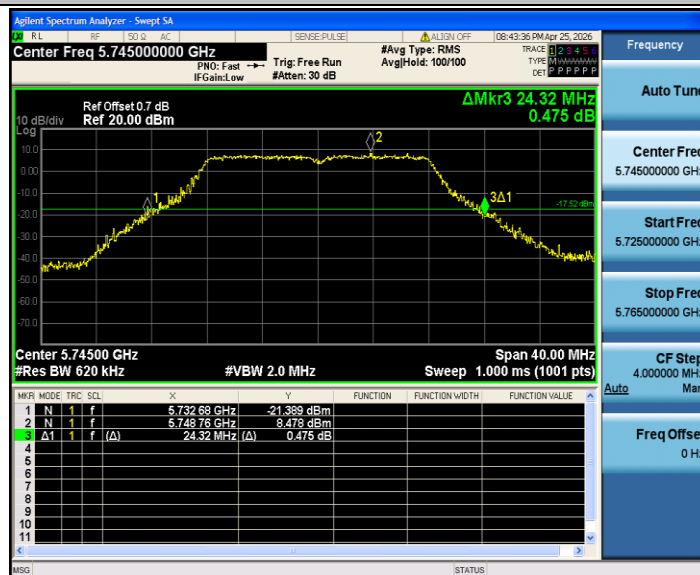
11A_Ant1_5220



11A_Ant1_5240



11A_Ant1_5745



11A_Ant1_5785



11A_Ant1_5825



11N20SISO_Ant1_5180



11N20SISO_Ant1_5220



11N20SISO_Ant1_5240



11N20SISO_Ant1_5745





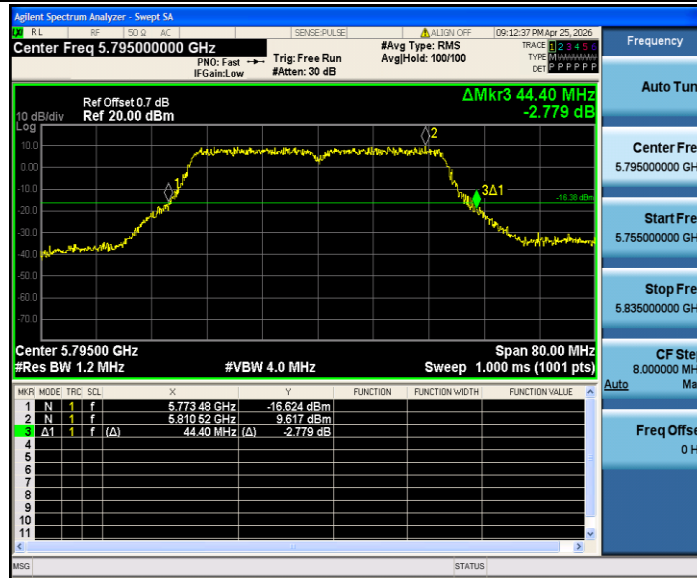
11N40SISO_Ant1_5230



11N40SISO_Ant1_5755



11N40SISO_Ant1_5795



11AC20SISO_Ant1_5180



11AC20SISO_Ant1_5220



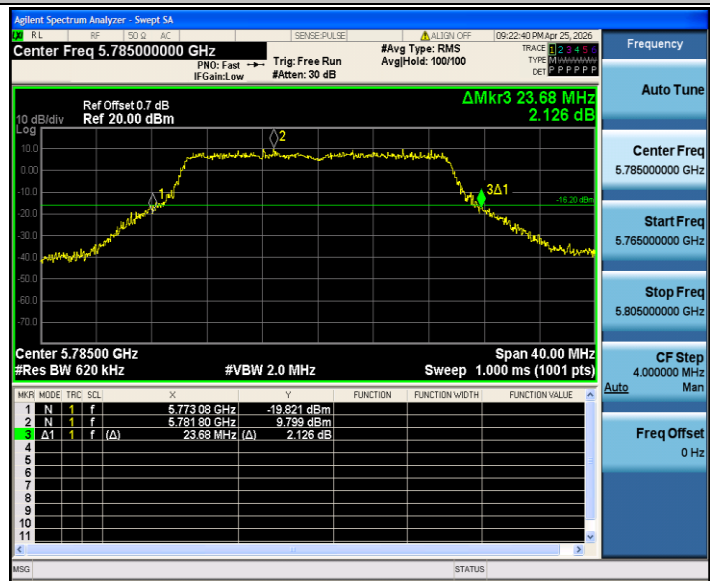
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11AC20SISO_Ant1_5745



11AC20SISO_Ant1_5785



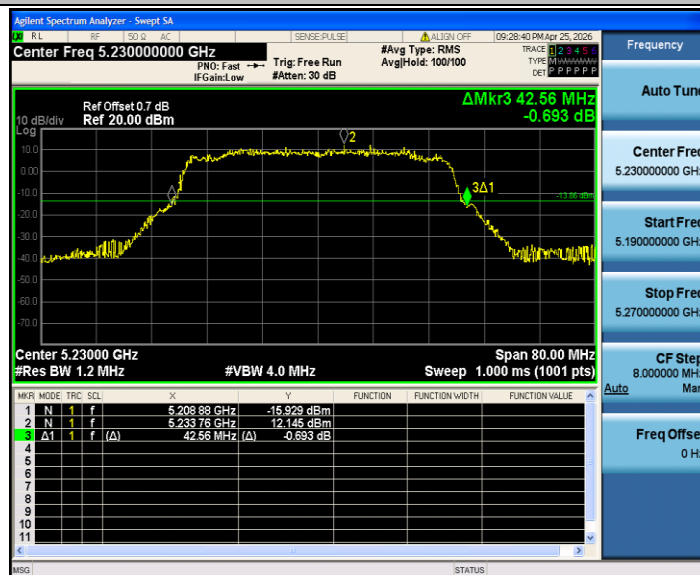
11AC20SISO_Ant1_5825



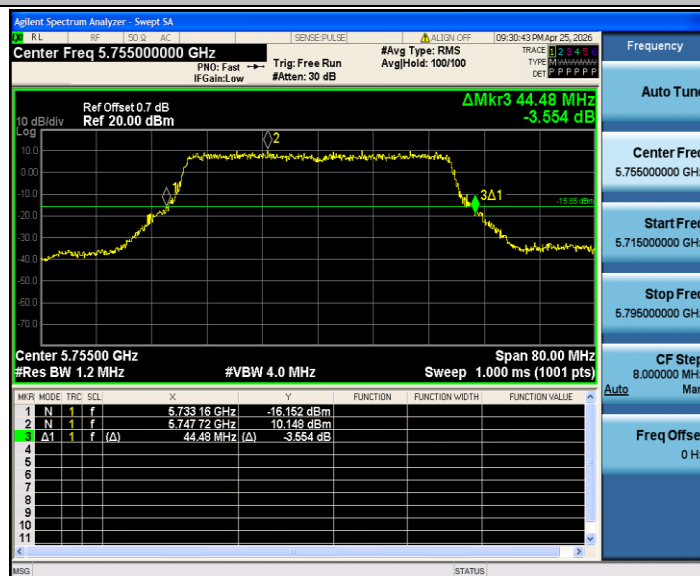
11AC40SISO_Ant1_5190



11AC40SISO_Ant1_5230



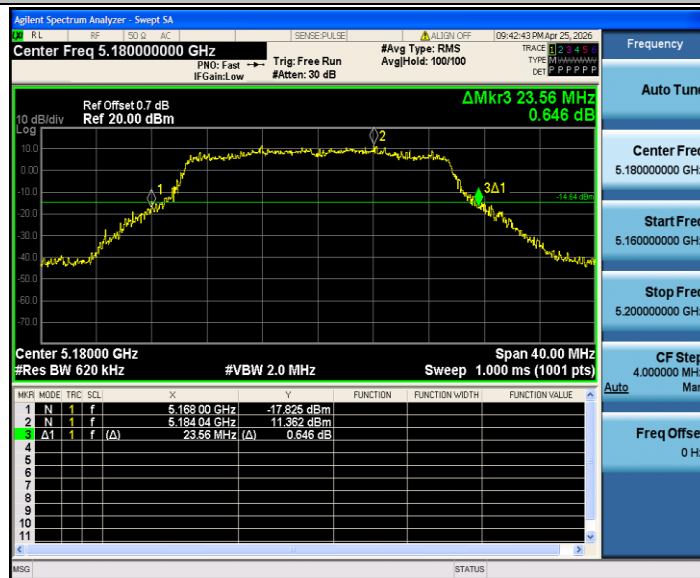
11AC40SISO_Ant1_5755



11AC40SISO_Ant1_5795



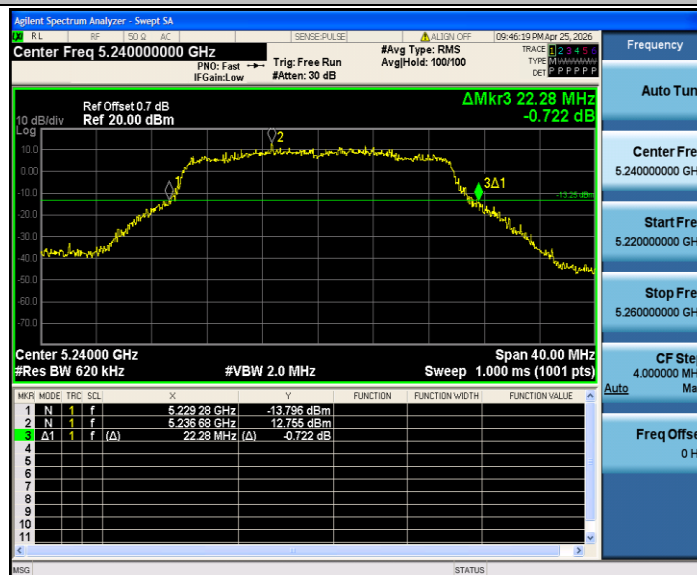
11AX20SISO_Ant1_5180



11AX20SISO_Ant1_5220



11AX20SISO_Ant1_5240



11AX20SISO_Ant1_5745



11AX20SISO_Ant1_5785



11AX20SISO_Ant1_5825



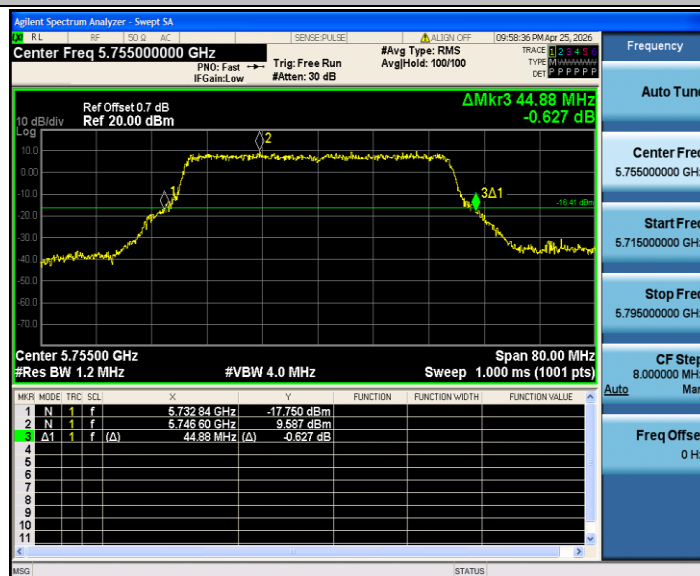
11AX40SISO_Ant1_5190



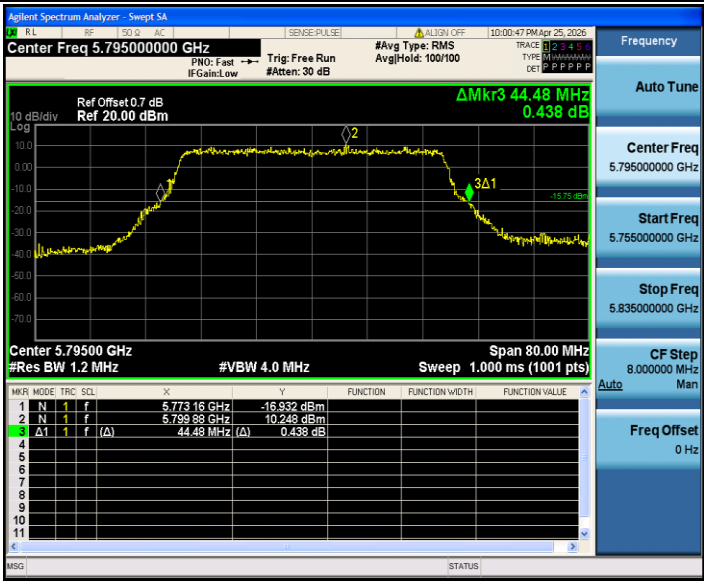
11AX40SISO_Ant1_5230



11AX40SISO_Ant1_5755



11AX40SISO_Ant1_5795



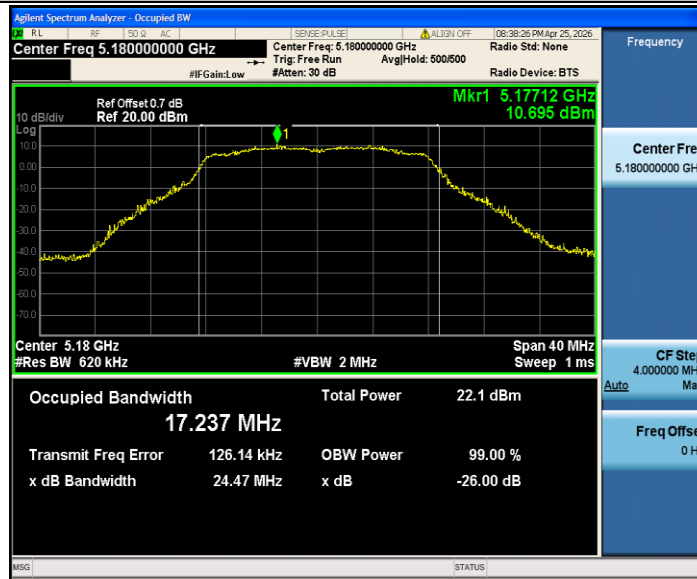
Appendix A2: Occupied channel bandwidth

Test Result

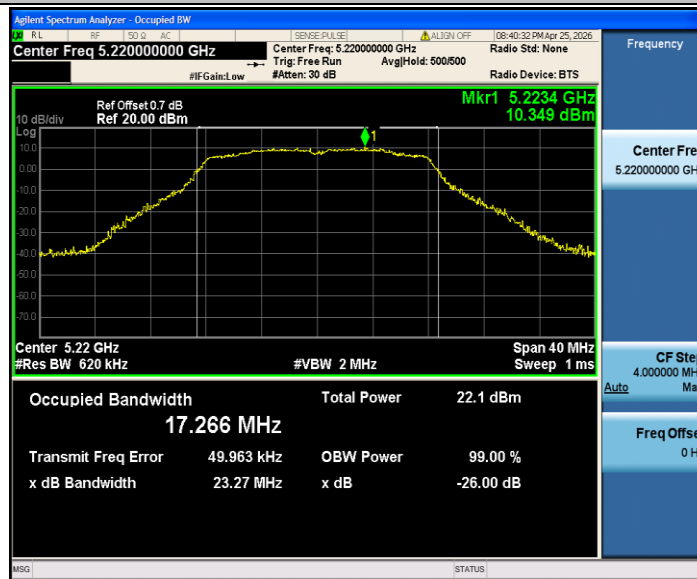
TestMode	Antenna	Freq(MHz)	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5180	17.237	5171.5076	5188.7446	---	---
		5220	17.266	5211.4170	5228.6830	---	---
		5240	17.346	5231.3687	5248.7147	---	---
		5745	17.687	5736.2002	5753.8872	---	---
		5785	17.652	5776.1724	5793.8244	---	---
		5825	17.693	5816.1351	5833.8281	---	---
11N20SISO	Ant1	5180	18.307	5170.8743	5189.1813	---	---
		5220	18.211	5210.9526	5229.1636	---	---
		5240	18.227	5230.9429	5249.1699	---	---
		5745	18.664	5735.6610	5754.3250	---	---
		5785	18.613	5775.6960	5794.3090	---	---
		5825	18.634	5815.6623	5834.2963	---	---
11N40SISO	Ant1	5190	36.252	5171.9725	5208.2245	---	---
		5230	36.275	5211.9072	5248.1822	---	---
		5755	36.950	5736.6105	5773.5605	---	---
		5795	36.917	5776.6212	5813.5382	---	---
11AC20SISO	Ant1	5180	19.094	5170.4749	5189.5689	---	---
		5220	19.086	5210.5159	5229.6019	---	---
		5240	19.130	5230.4772	5249.6072	---	---
		5745	19.310	5735.3774	5754.6874	---	---
		5785	19.430	5775.2910	5794.7210	---	---
		5825	19.473	5815.2723	5834.7453	---	---
11AC40SISO	Ant1	5190	37.785	5171.2044	5208.9894	---	---
		5230	37.731	5211.2368	5248.9678	---	---
		5755	38.306	5735.9260	5774.2320	---	---
		5795	38.308	5775.9304	5814.2384	---	---
11AX20SISO	Ant1	5180	19.069	5170.5101	5189.5791	---	---
		5220	19.148	5210.4896	5229.6376	---	---
		5240	19.087	5230.4936	5249.5806	---	---
		5745	19.418	5735.3109	5754.7289	---	---
		5785	19.396	5775.2803	5794.6763	---	---
		5825	19.392	5815.3095	5834.7015	---	---
11AX40SISO	Ant1	5190	37.815	5171.1876	5209.0026	---	---
		5230	37.803	5211.1958	5248.9988	---	---
		5755	38.352	5735.9217	5774.2737	---	---
		5795	38.326	5775.9320	5814.2580	---	---

Test Graphs

11A_Ant1_5180



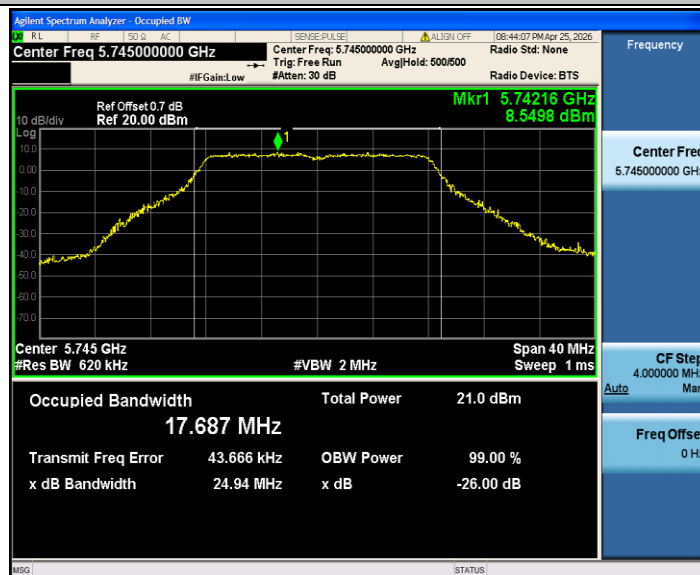
11A_Ant1_5220



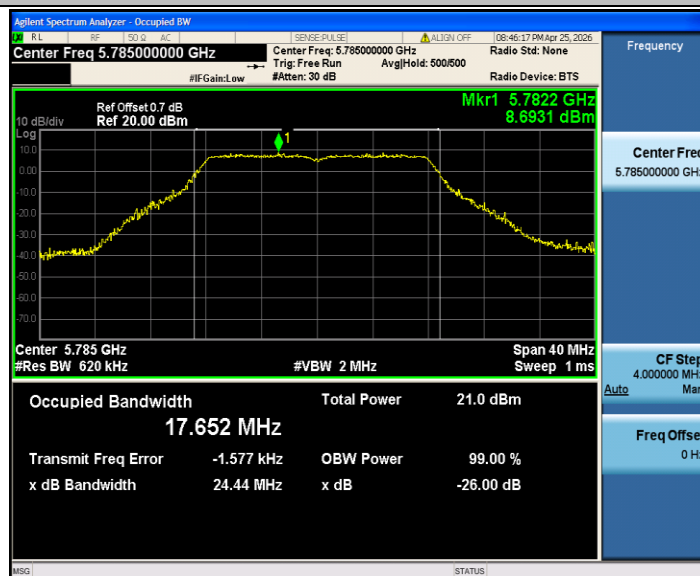
11A_Ant1_5240



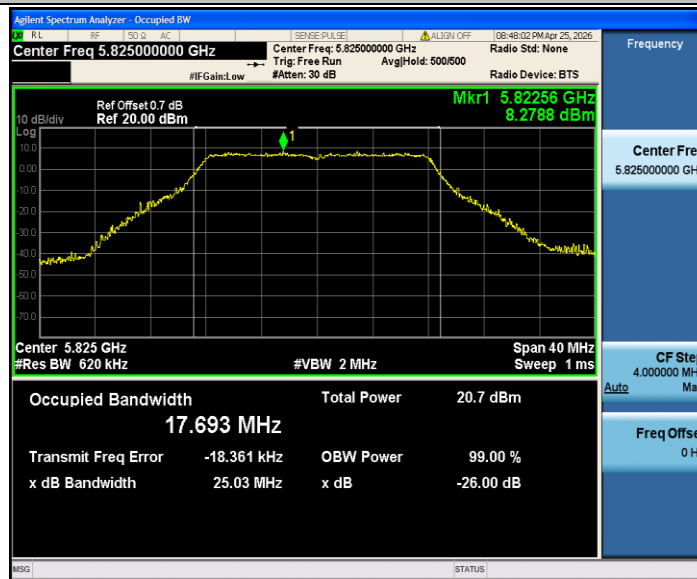
11A_Ant1_5745



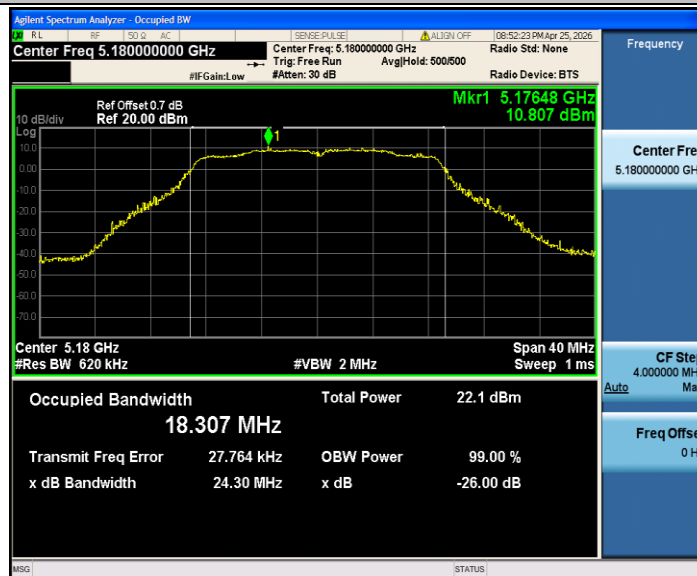
11A_Ant1_5785



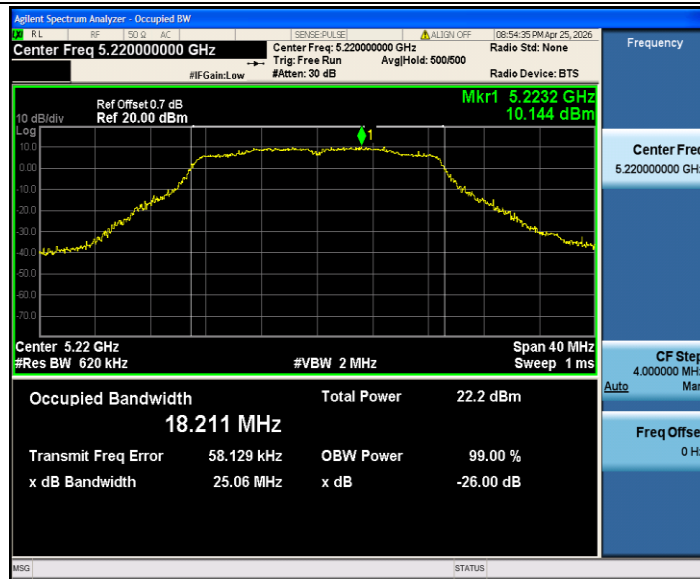
11A_Ant1_5825



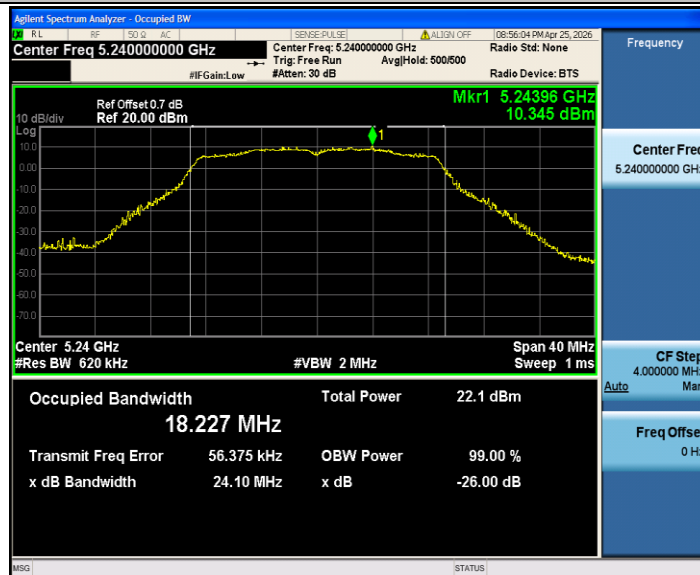
11N20SISO_Ant1_5180



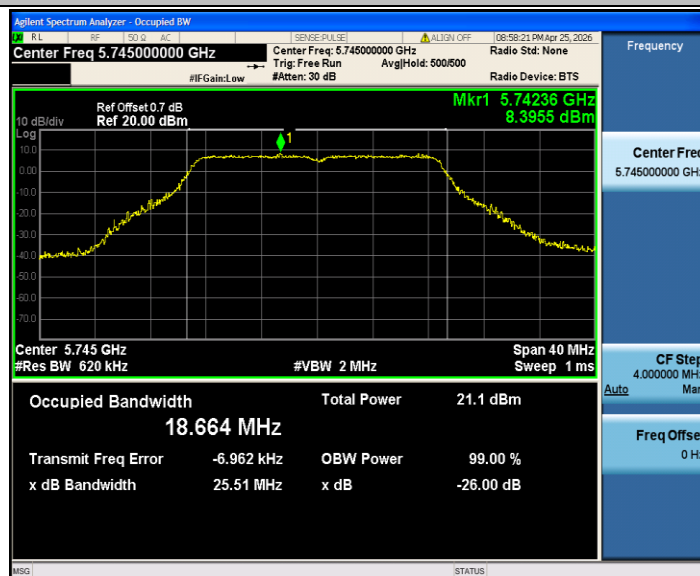
11N20SISO_Ant1_5220



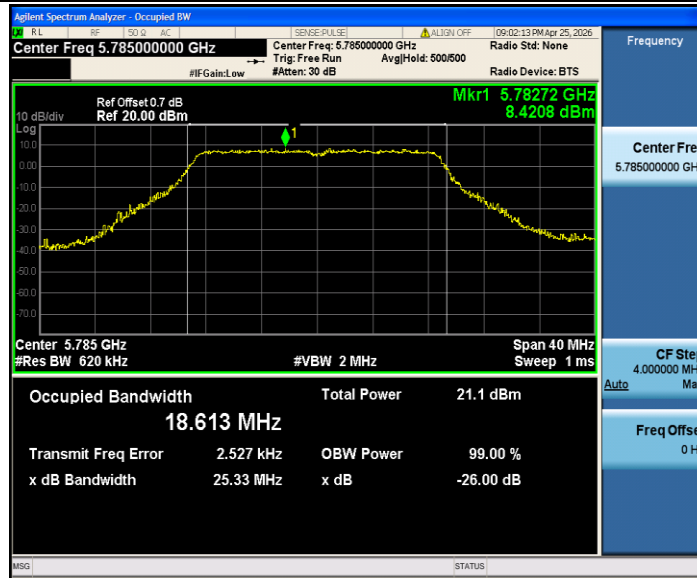
11N20SISO_Ant1_5240



11N20SISO_Ant1_5745



11N20SISO_Ant1_5785



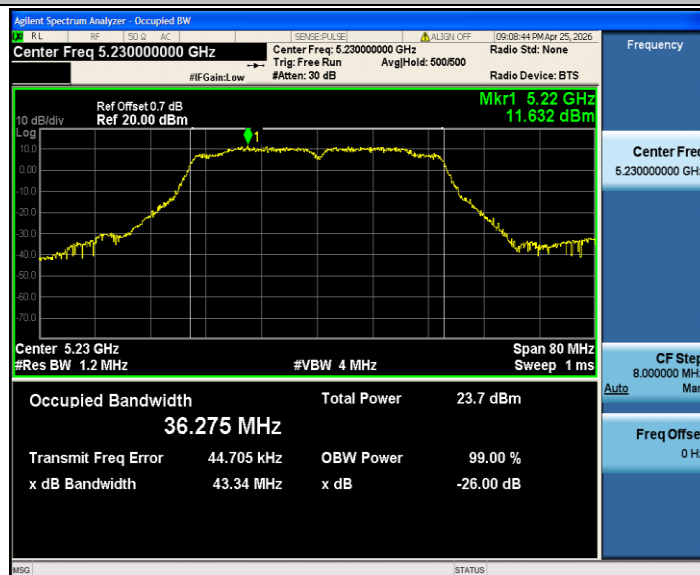
11N20SISO_Ant1_5825



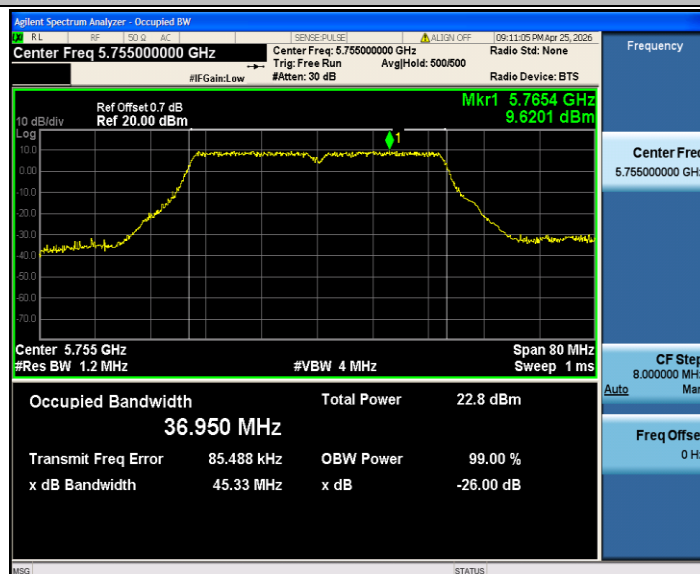
11N40SISO_Ant1_5190



11N40SISO_Ant1_5230



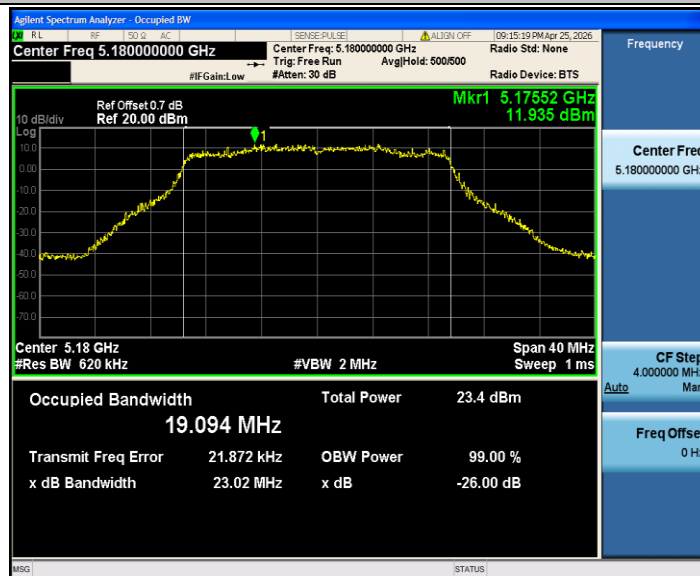
11N40SISO_Ant1_5755



11N40SISO_Ant1_5795



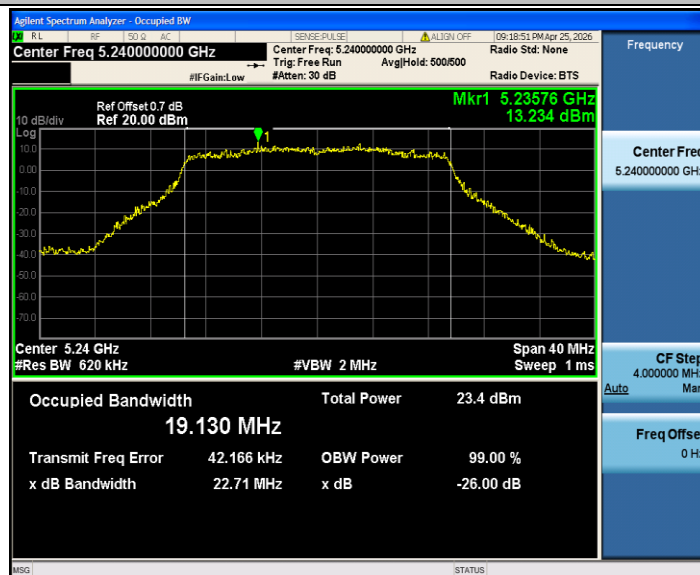
11AC20SISO_Ant1_5180



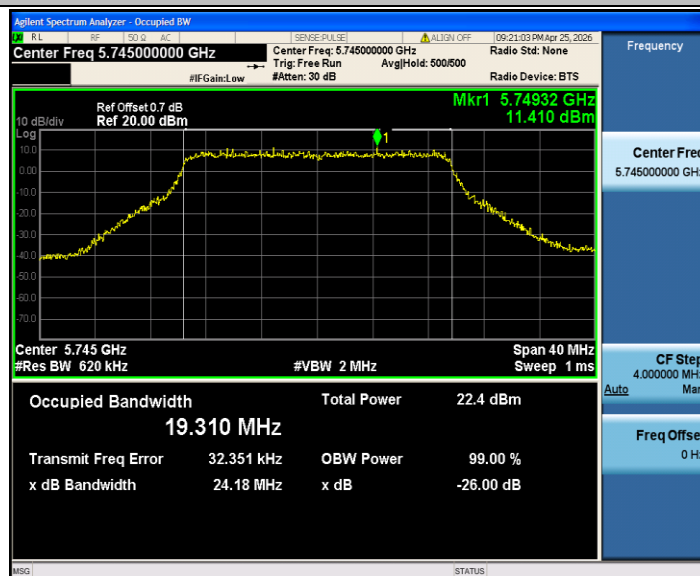
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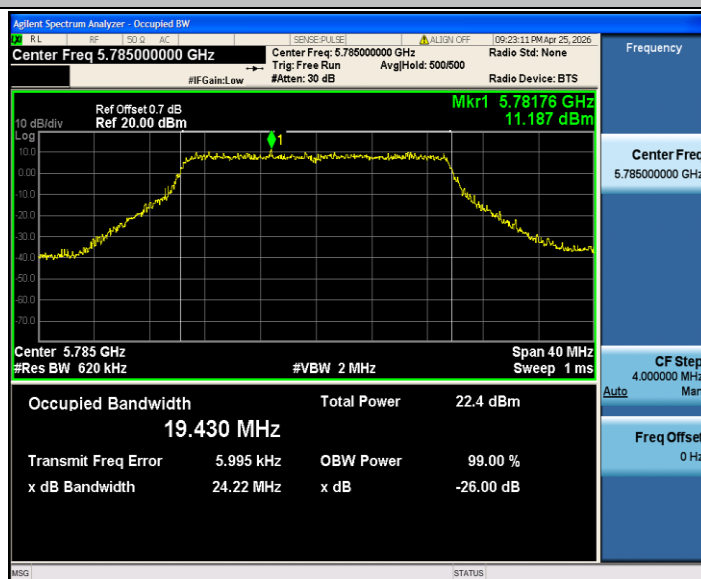
11AC20SISO_Ant1_5240



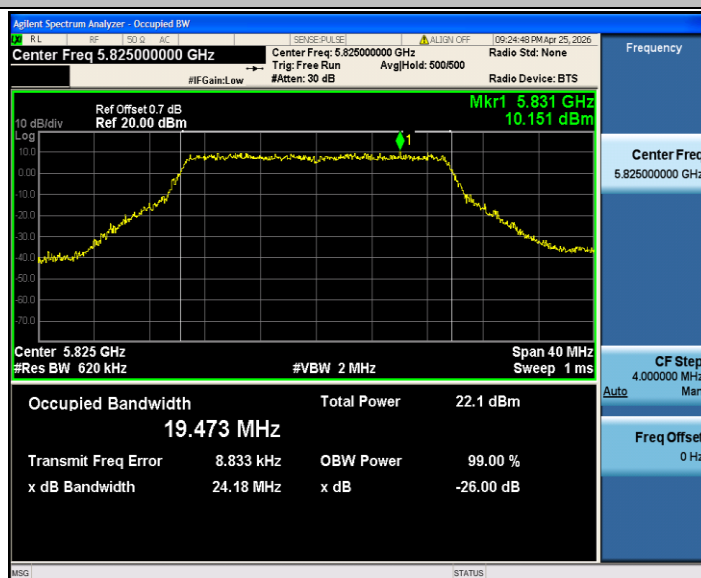
11AC20SISO_Ant1_5745



11AC20SISO_Ant1_5785



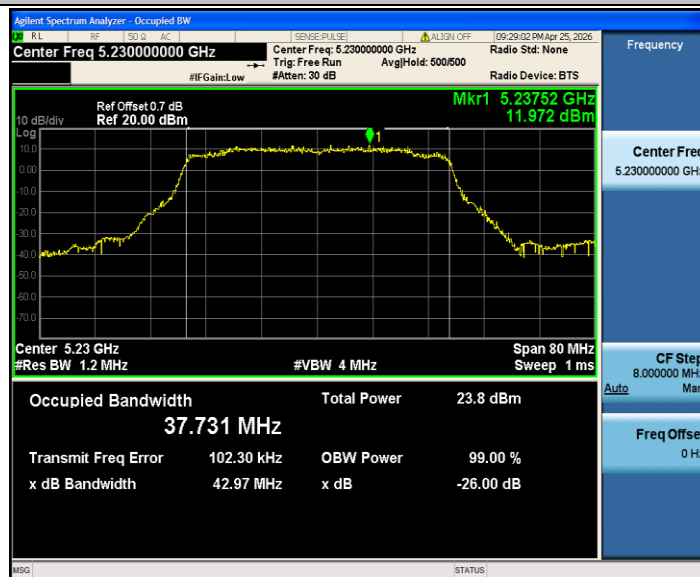
11AC20SISO_Ant1_5825



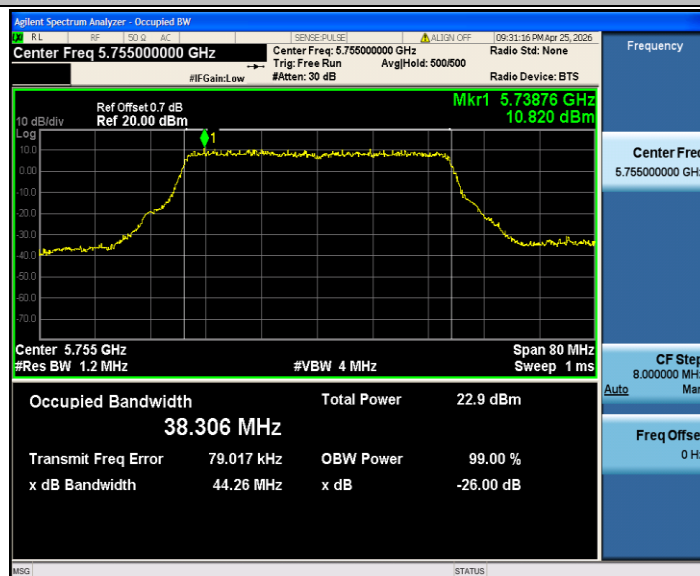
11AC40SISO_Ant1_5190



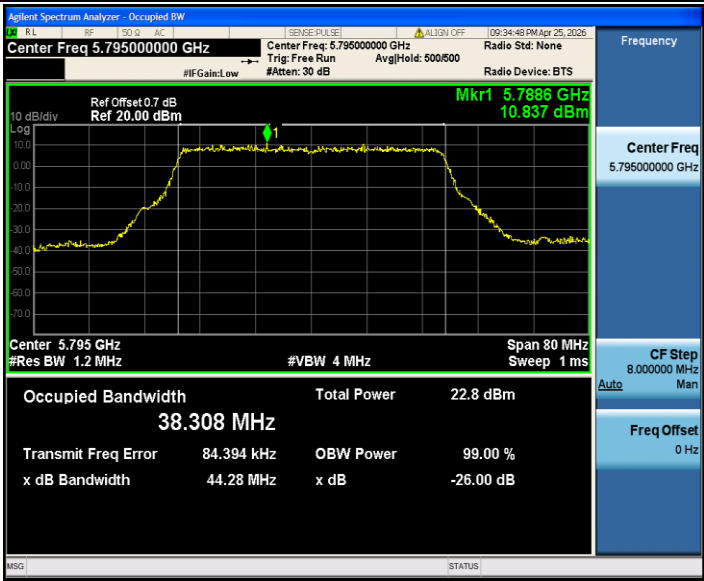
11AC40SISO_Ant1_5230



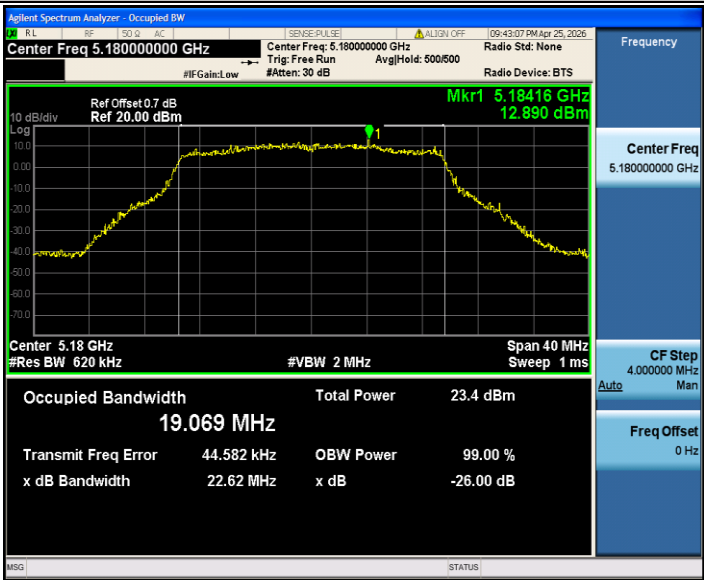
11AC40SISO_Ant1_5755



11AC40SISO_Ant1_5795



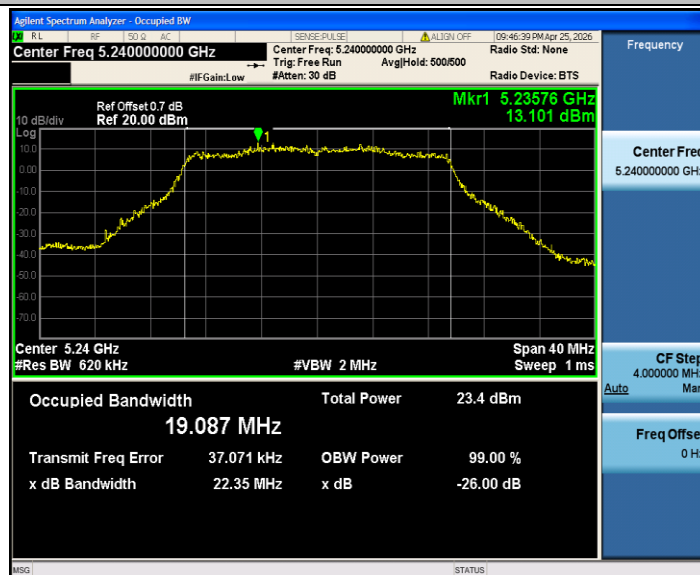
11AX20SISO_Ant1_5180



11AX20SISO_Ant1_5220



11AX20ISO_Ant1_5240



11AX20ISO_Ant1_5745

