

FCC Appendix RF Test Data for 5GWiFi

FCC ID : 2BVWM-S30SE

Company : SHARE3DCAM LIMITED

EUT : Real-Scene 3D LiDAR Scanner

Model Number : SHARE3DCAM S30 SE

Report No. : CTA26040801103

Reviewed By : Eric Wang

FCC Appendix RF Test Data for 5GWiFi Antenna 1

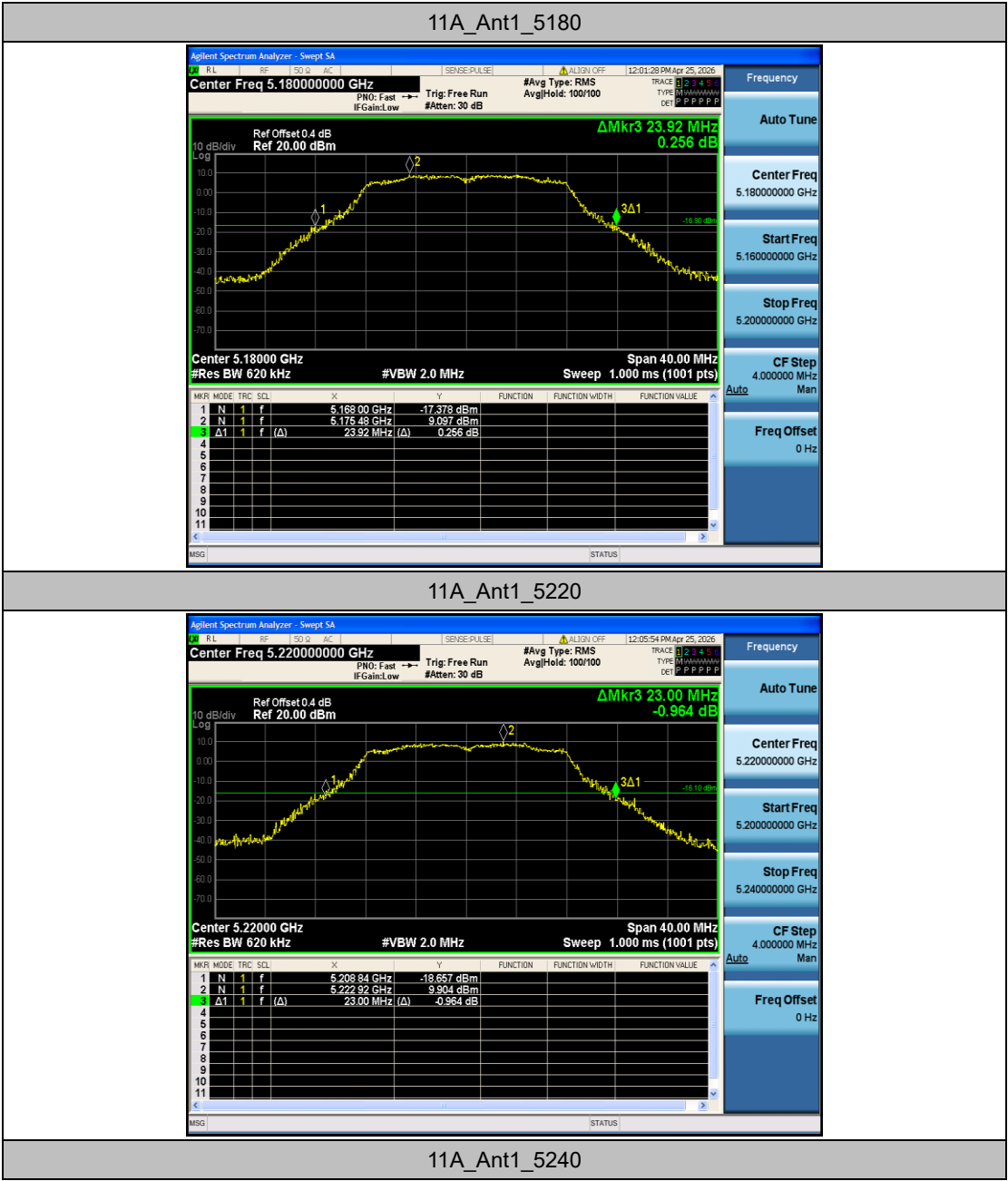
Appendix A1: Emission Bandwidth

Test Result

TestMode	Antenna	Freq(MHz)	26db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5180	23.920	5168.000	5191.920	---	---
		5220	23.000	5208.840	5231.840	---	---
		5240	23.360	5228.440	5251.800	---	---
		5745	24.480	5732.920	5757.400	---	---
		5785	24.320	5772.720	5797.040	---	---
		5825	24.120	5812.800	5836.920	---	---
11N20SISO	Ant1	5180	24.200	5168.240	5192.440	---	---
		5220	23.440	5208.200	5231.640	---	---
		5240	23.560	5228.200	5251.760	---	---
		5745	24.080	5733.040	5757.120	---	---
		5785	23.560	5773.080	5796.640	---	---
		5825	25.080	5812.640	5837.720	---	---
11N40SISO	Ant1	5190	43.840	5168.080	5211.920	---	---
		5230	42.880	5208.720	5251.600	---	---
		5755	44.640	5733.400	5778.040	---	---
		5795	45.040	5773.080	5818.120	---	---
11AC20SISO	Ant1	5180	22.800	5169.160	5191.960	---	---
		5220	23.640	5208.440	5232.080	---	---
		5240	22.800	5228.760	5251.560	---	---
		5745	23.600	5733.280	5756.880	---	---
		5785	24.840	5771.960	5796.800	---	---
		5825	23.480	5813.320	5836.800	---	---
11AC40SISO	Ant1	5190	42.960	5169.040	5212.000	---	---
		5230	42.640	5208.880	5251.520	---	---
		5755	44.560	5732.840	5777.400	---	---
		5795	44.000	5773.640	5817.640	---	---
11AX20SISO	Ant1	5180	22.880	5168.720	5191.600	---	---
		5220	23.040	5208.480	5231.520	---	---
		5240	22.760	5228.880	5251.640	---	---
		5745	23.720	5732.840	5756.560	---	---
		5785	24.840	5773.120	5797.960	---	---
		5825	24.120	5812.640	5836.760	---	---
11AX40SISO	Ant1	5190	42.400	5168.960	5211.360	---	---
		5230	42.320	5208.800	5251.120	---	---
		5755	44.720	5733.000	5777.720	---	---

		5795	43.840	5773.320	5817.160	---	---
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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



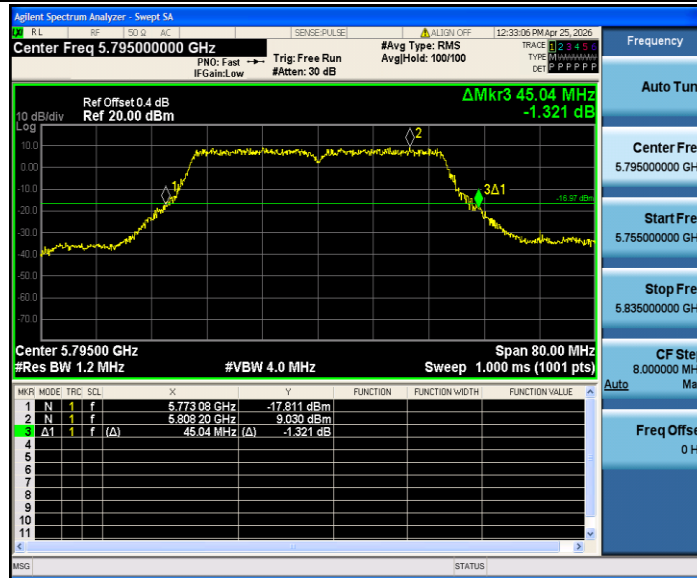
11N40SISO_Ant1_5230



11N40SISO_Ant1_5755



11N40SISO_Ant1_5795



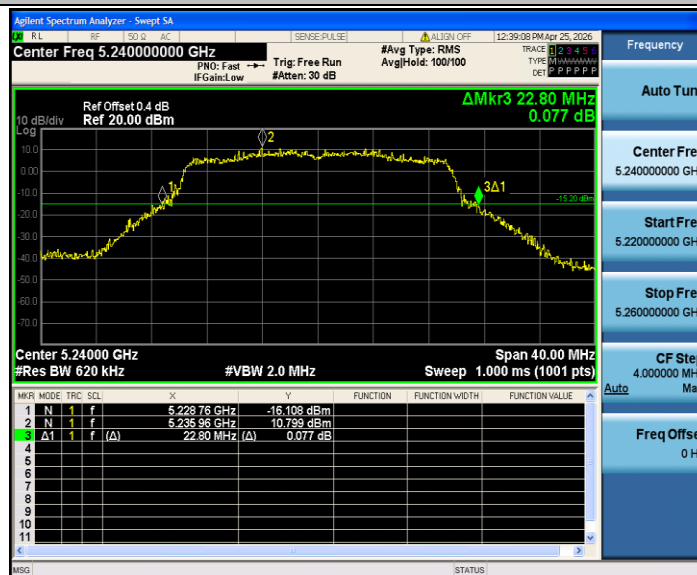
11AC20SISO_Ant1_5180



11AC20SISO_Ant1_5220



11AC20SISO_Ant1_5240



11AC20SISO_Ant1_5745



11AC20SISO_Ant1_5785



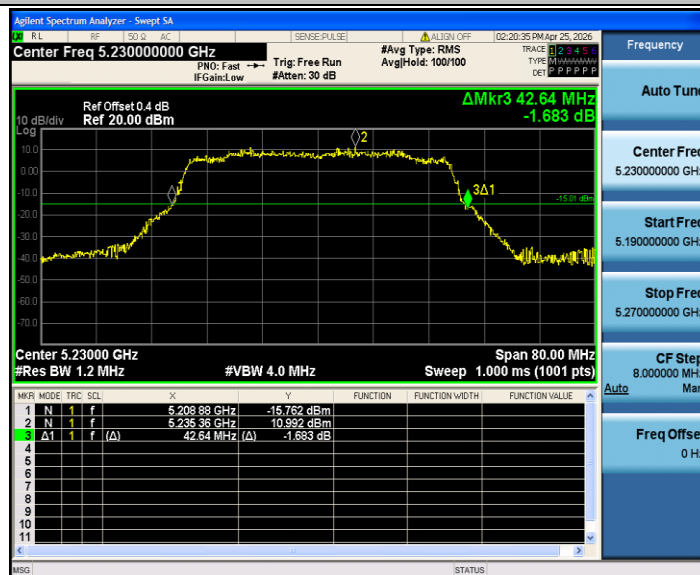
11AC20SISO_Ant1_5825



11AC40SISO_Ant1_5190



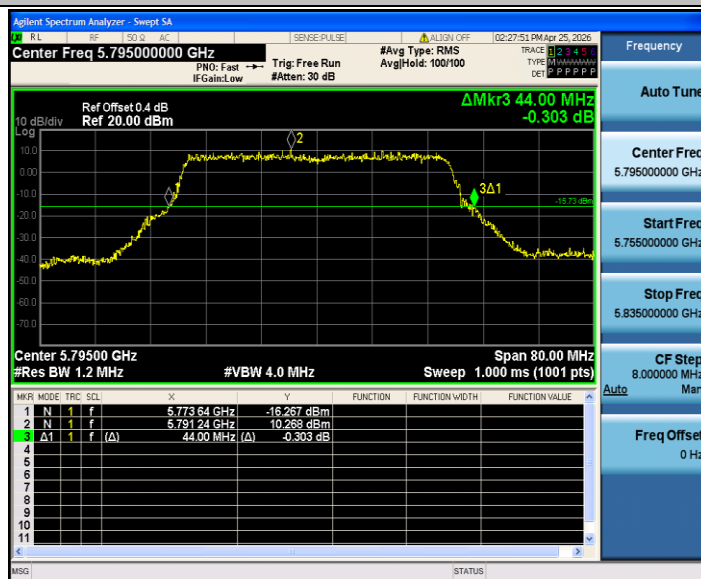
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11AC40SISO_Ant1_5755



11AC40SISO_Ant1_5795



11AX20SISO_Ant1_5180



11AX20SISO_Ant1_5220



11AX20SISO_Ant1_5240



11AX20SISO_Ant1_5745



11AX20SISO_Ant1_5785



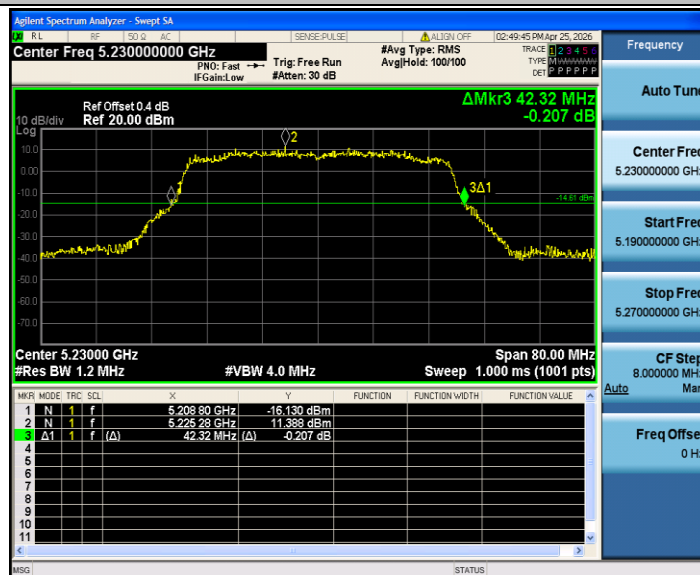
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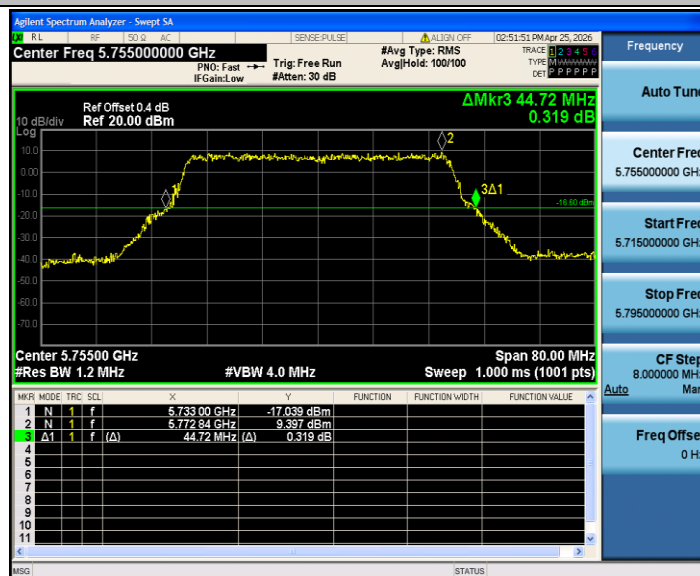
11AX40SISO_Ant1_5190



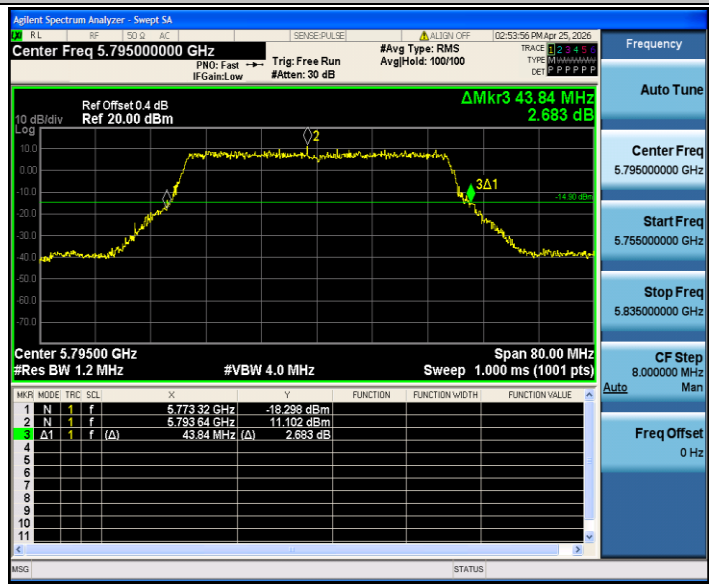
11AX40SISO_Ant1_5230



11AX40SISO_Ant1_5755



11AX40SISO_Ant1_5795



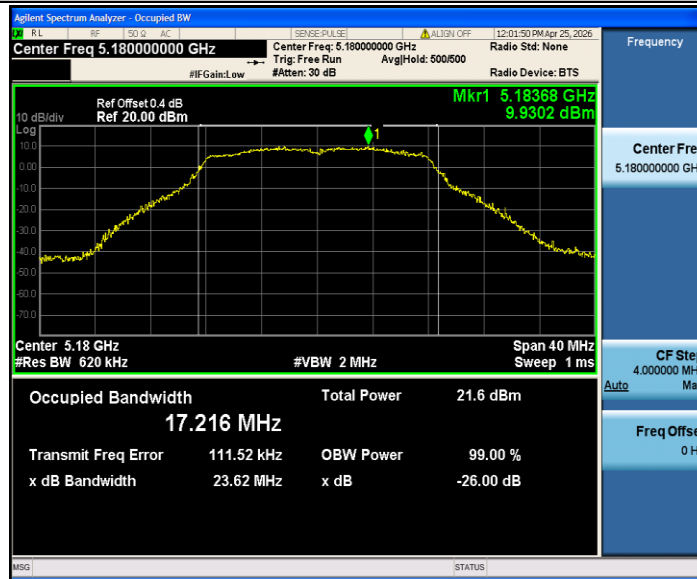
Appendix A2: Occupied channel bandwidth

Test Result

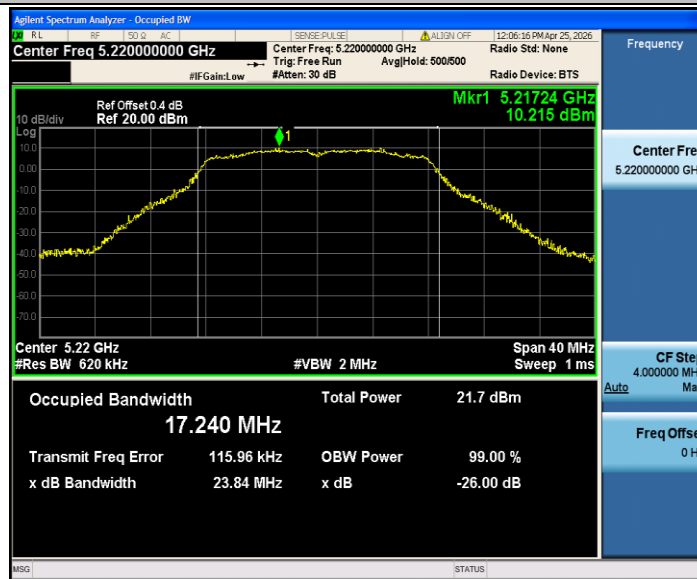
TestMode	Antenna	Freq(MHz)	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5180	17.216	5171.5035	5188.7195	---	---
		5220	17.240	5211.4960	5228.7360	---	---
		5240	17.254	5231.4578	5248.7118	---	---
		5745	17.607	5736.2447	5753.8517	---	---
		5785	17.610	5776.2470	5793.8570	---	---
		5825	17.650	5816.1797	5833.8297	---	---
11N20SISO	Ant1	5180	18.311	5170.9080	5189.2190	---	---
		5220	18.248	5210.8941	5229.1421	---	---
		5240	18.334	5230.8578	5249.1918	---	---
		5745	18.639	5735.6991	5754.3381	---	---
		5785	18.652	5775.7124	5794.3644	---	---
		5825	18.728	5815.6426	5834.3706	---	---
11N40SISO	Ant1	5190	36.296	5171.9557	5208.2517	---	---
		5230	36.299	5211.9231	5248.2221	---	---
		5755	36.929	5736.6448	5773.5738	---	---
		5795	36.977	5776.6071	5813.5841	---	---
11AC20SISO	Ant1	5180	19.147	5170.4934	5189.6404	---	---
		5220	19.128	5210.5206	5229.6486	---	---
		5240	19.179	5230.4285	5249.6075	---	---
		5745	19.455	5735.3093	5754.7643	---	---
		5785	19.416	5775.3241	5794.7401	---	---
		5825	19.457	5815.2712	5834.7282	---	---
11AC40SISO	Ant1	5190	37.760	5171.2462	5209.0062	---	---
		5230	37.800	5211.2152	5249.0152	---	---
		5755	38.259	5735.9666	5774.2256	---	---
		5795	38.227	5775.9890	5814.2160	---	---
11AX20SISO	Ant1	5180	19.155	5170.4915	5189.6465	---	---
		5220	19.073	5210.5003	5229.5733	---	---
		5240	19.086	5230.5157	5249.6017	---	---
		5745	19.346	5735.3571	5754.7031	---	---
		5785	19.400	5775.3828	5794.7828	---	---
		5825	19.382	5815.3687	5834.7507	---	---
11AX40SISO	Ant1	5190	37.817	5171.1887	5209.0057	---	---
		5230	37.793	5211.1913	5248.9843	---	---
		5755	38.337	5735.8999	5774.2369	---	---
		5795	38.334	5775.9350	5814.2690	---	---

Test Graphs

11A_Ant1_5180



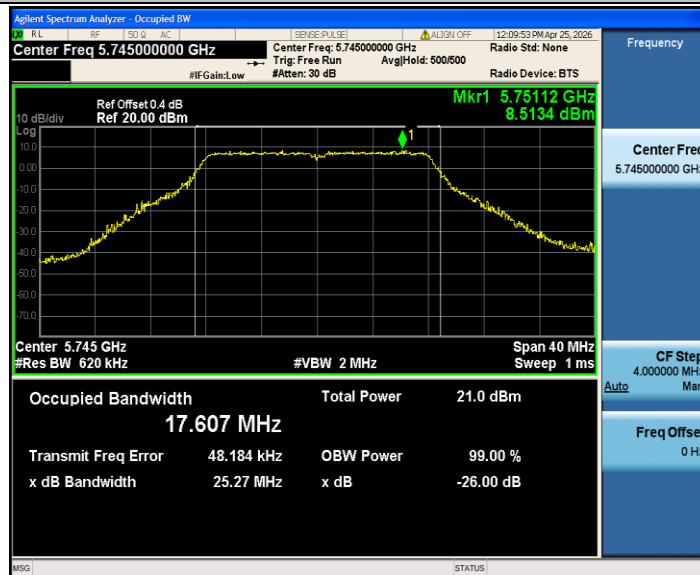
11A_Ant1_5220



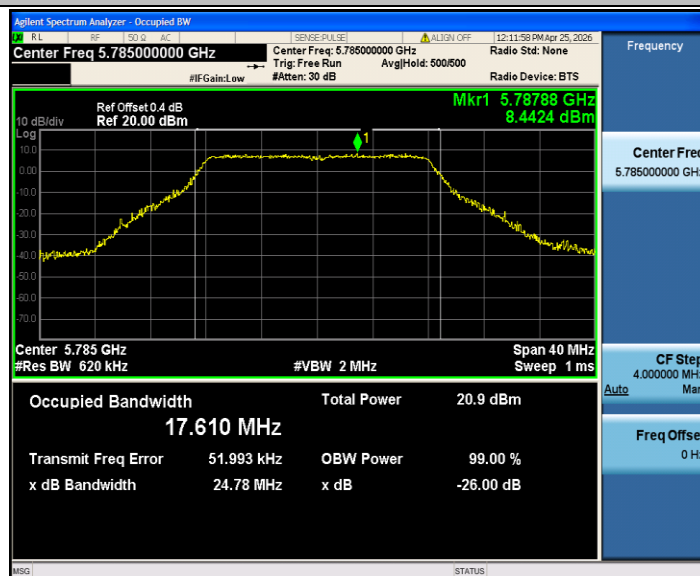
11A_Ant1_5240



11A_Ant1_5745



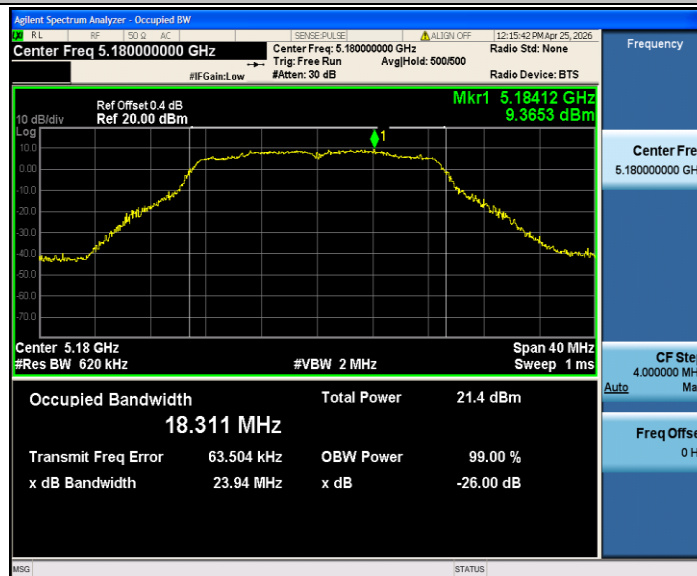
11A_Ant1_5785



11A_Ant1_5825



11N20SISO_Ant1_5180



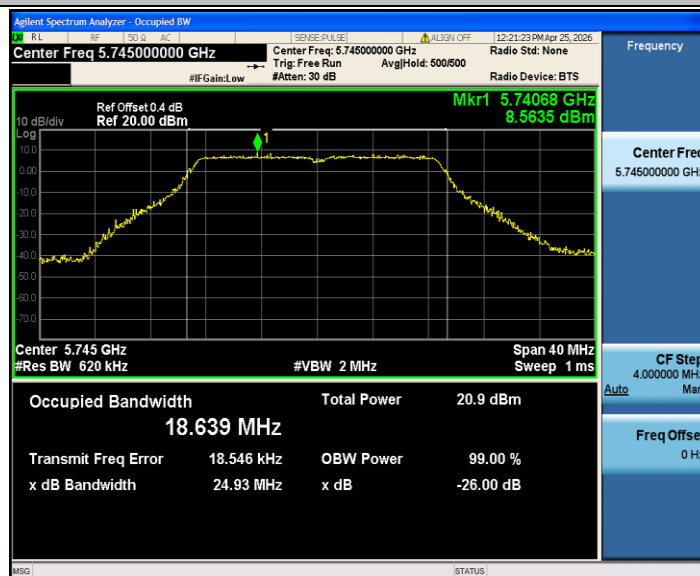
11N20SISO_Ant1_5220



11N20SISO_Ant1_5240



11N20SISO_Ant1_5745



11N20SISO_Ant1_5785



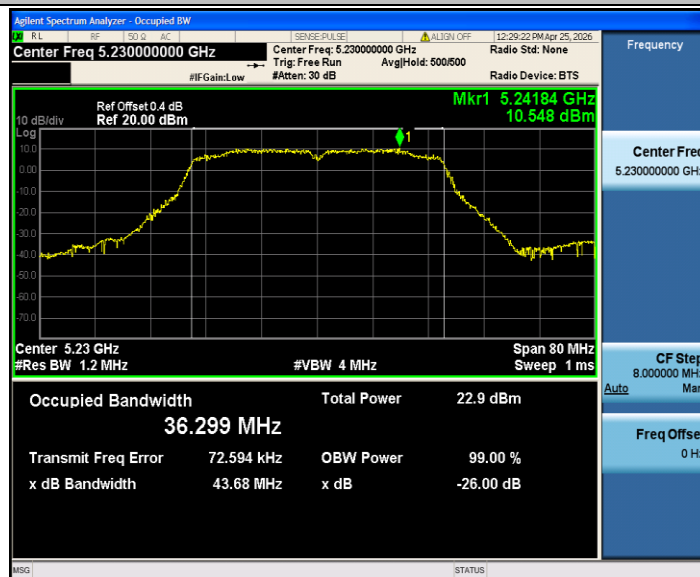
11N20SISO_Ant1_5825



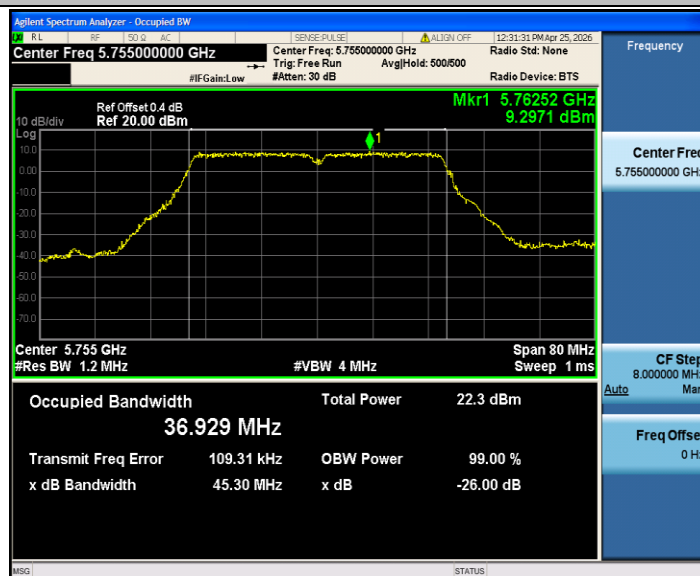
11N40SISO_Ant1_5190



11N40SISO_Ant1_5230



11N40SISO_Ant1_5755



11N40SISO_Ant1_5795



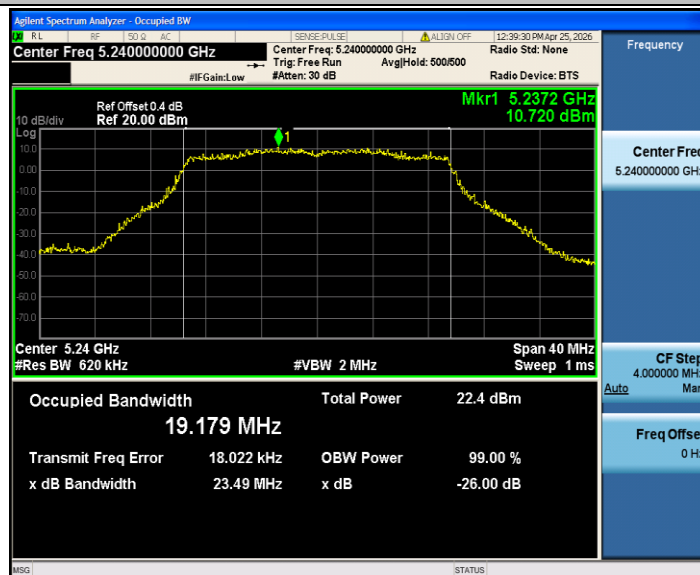
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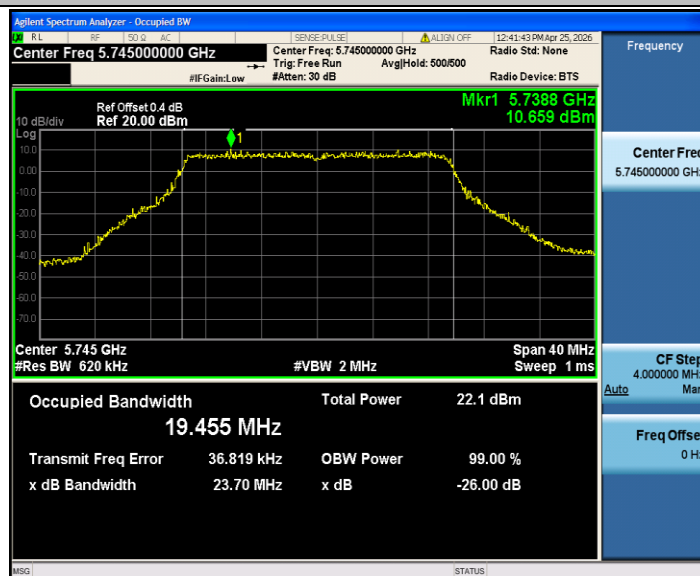
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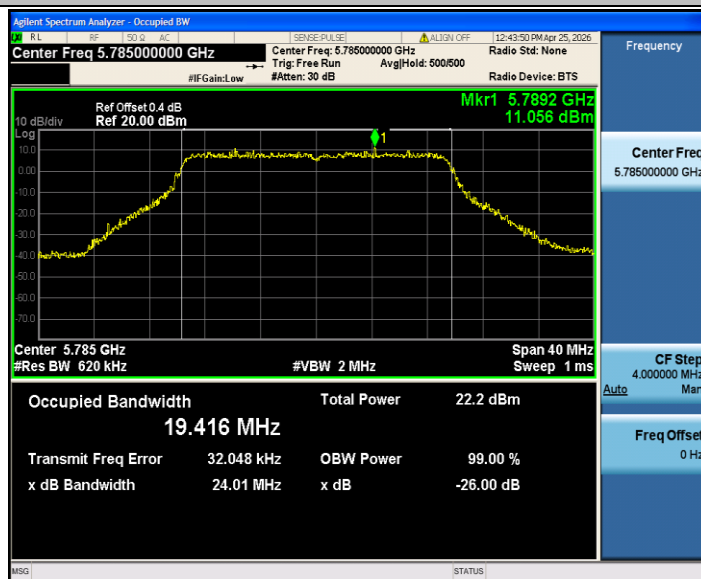
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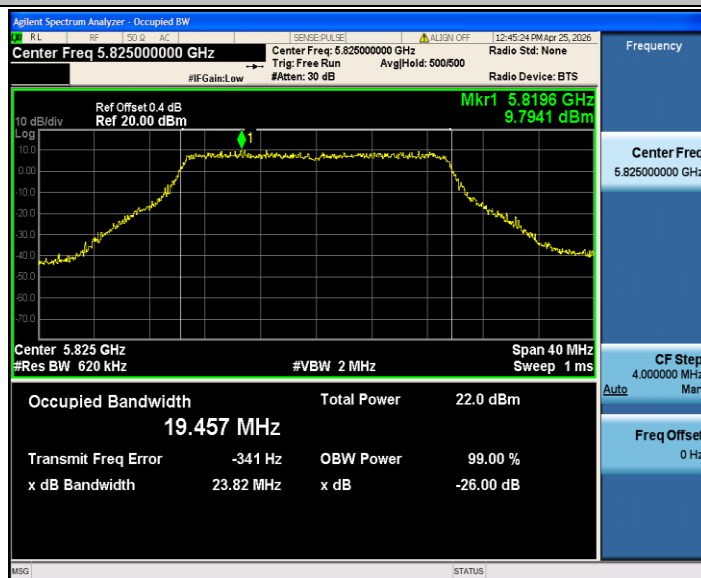
11AC20SISO_Ant1_5745



11AC20SISO_Ant1_5785



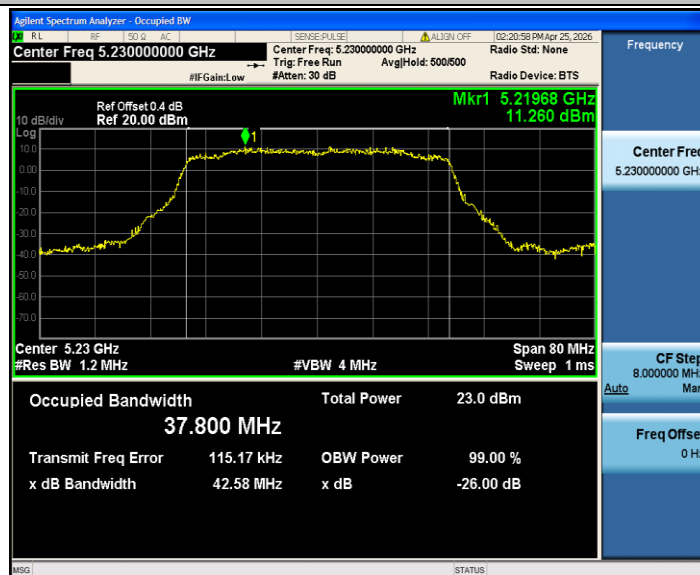
11AC20SISO_Ant1_5825



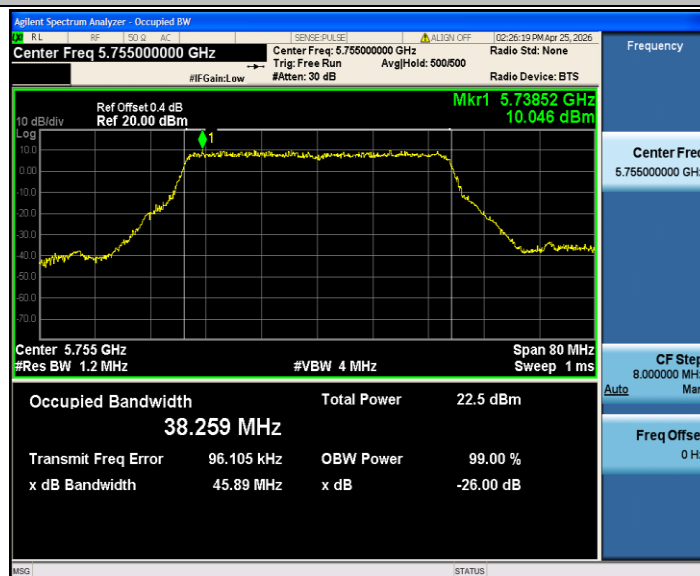
11AC40SISO_Ant1_5190



11AC40SISO_Ant1_5230



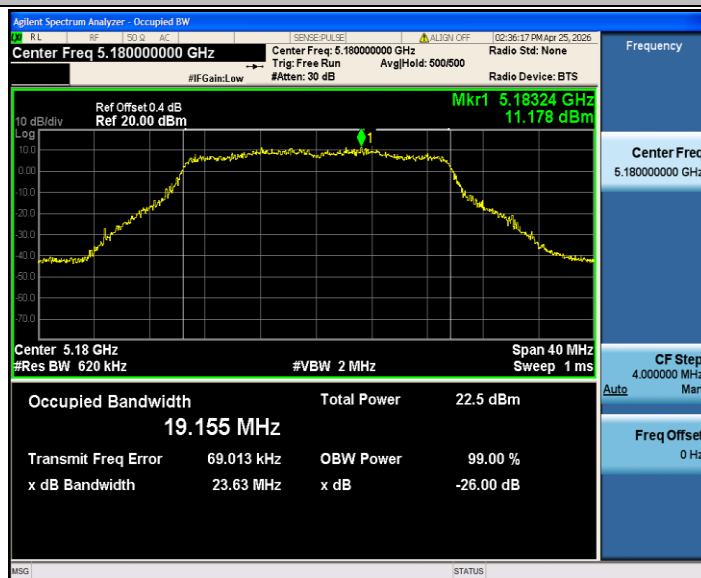
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11AC40SISO_Ant1_5795



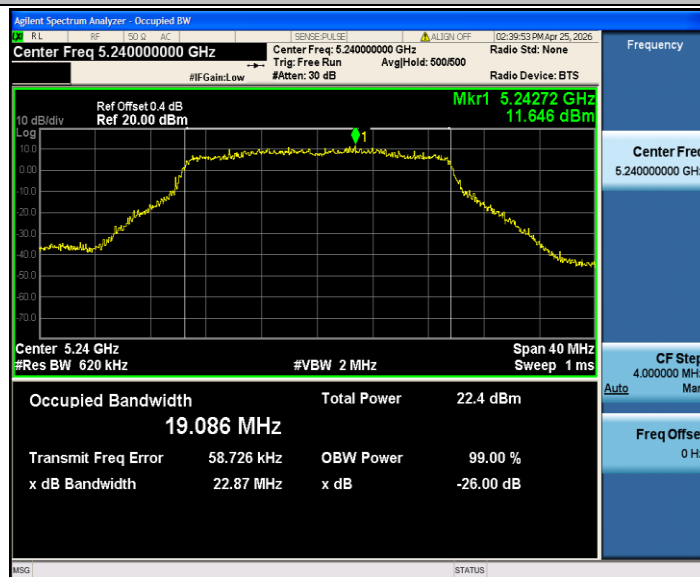
11AX20SISO_Ant1_5180



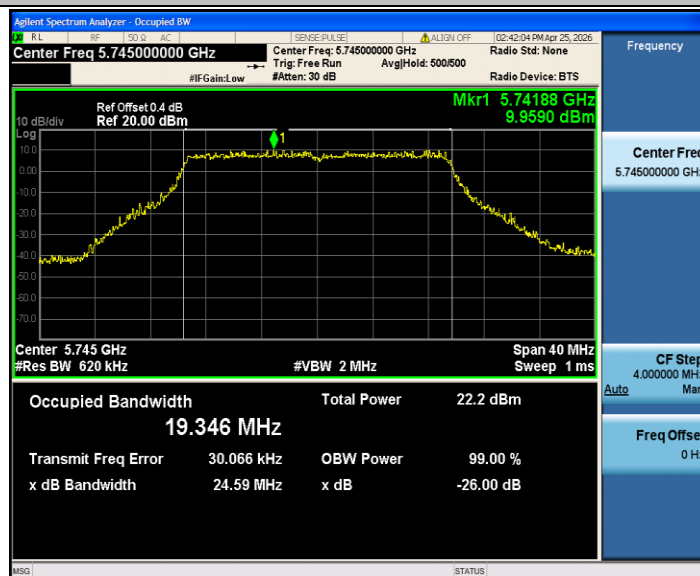
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11AX20ISO_Ant1_5240



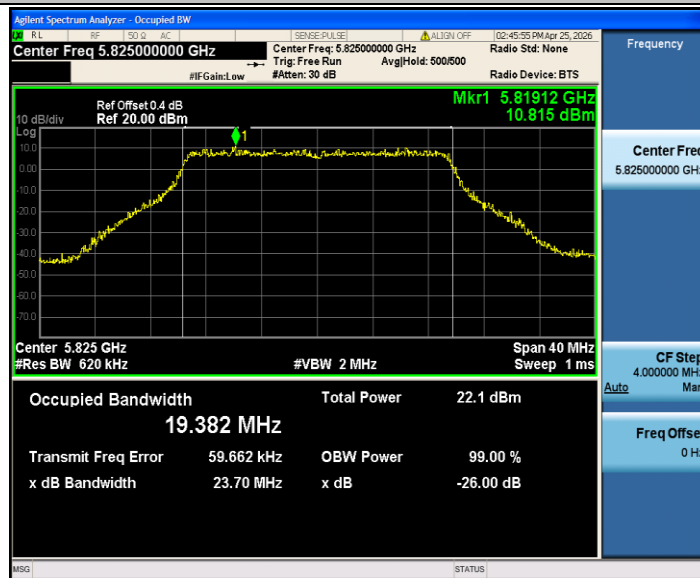
11AX20ISO_Ant1_5745



11AX20SISO_Ant1_5785



11AX20SISO_Ant1_5825



11AX40SISO_Ant1_5190