

FCC 5G WLAN Test Data

FCC ID : 2BKLE-ARIES

Company: : Versa World Inc.

EUT : POC/IP Two Way Radio

Model Number : G232

Reviewed By : Eric Wang

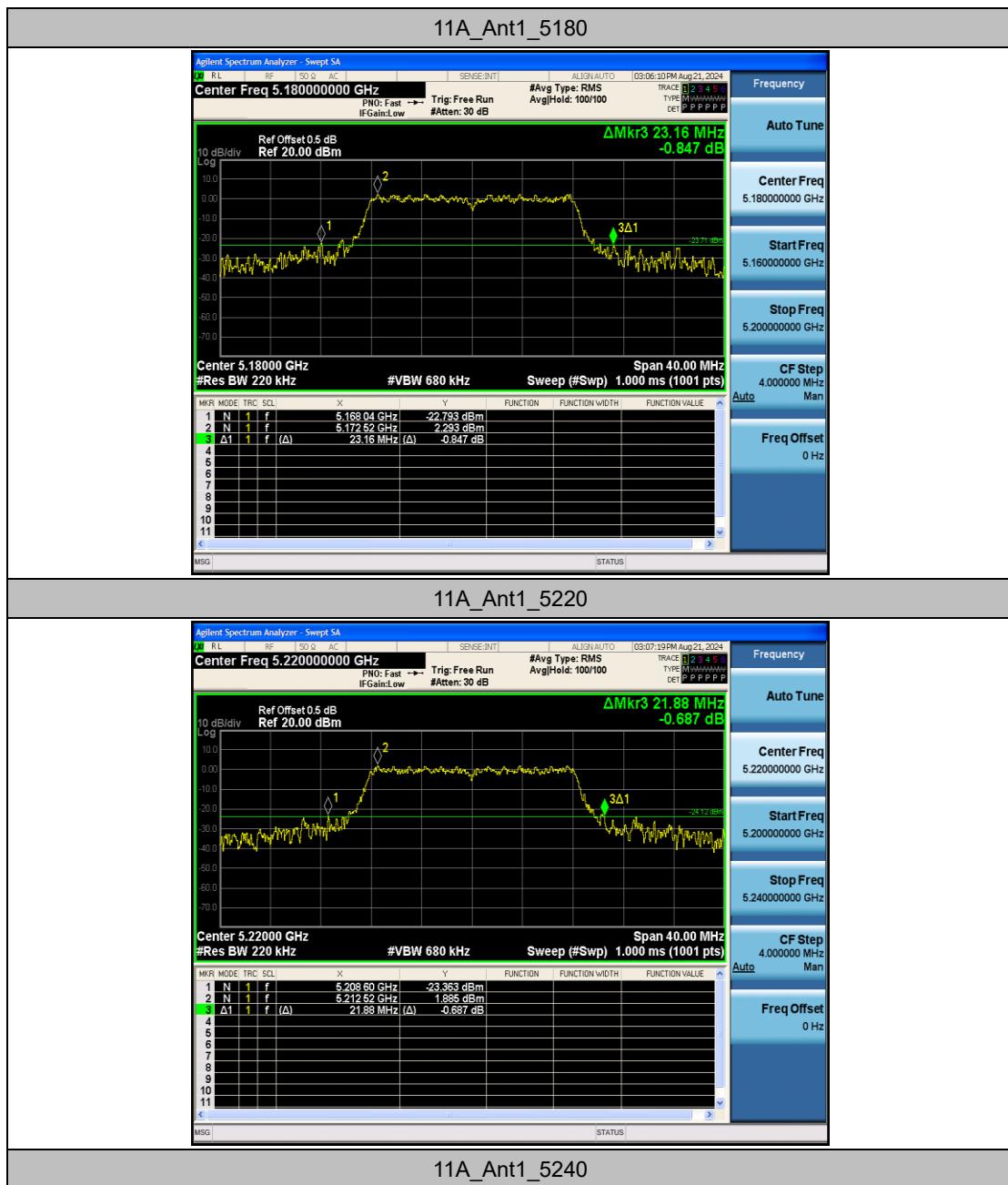
Appendix A1: Emission Bandwidth

Test Result

TestMode	Antenna	Freq(MHz)	26db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5180	23.160	5168.040	5191.200	---	---
		5220	21.880	5208.600	5230.480	---	---
		5240	21.480	5228.960	5250.440	---	---
		5260	27.240	5247.200	5274.440	---	---
		5300	24.560	5287.560	5312.120	---	---
		5320	22.520	5310.040	5332.560	---	---
		5500	22.120	5489.480	5511.600	---	---
		5580	25.120	5567.880	5593.000	---	---
		5700	20.160	5690.120	5710.280	---	---
		5745	23.120	5732.400	5755.520	---	---
		5785	21.600	5773.280	5794.880	---	---
		5825	23.440	5811.440	5834.880	---	---
11N20SISO	Ant1	5180	25.680	5167.760	5193.440	---	---
		5220	25.560	5207.240	5232.800	---	---
		5240	25.360	5227.960	5253.320	---	---
		5260	24.680	5248.000	5272.680	---	---
		5300	24.680	5288.040	5312.720	---	---
		5320	25.240	5308.040	5333.280	---	---
		5500	25.480	5487.240	5512.720	---	---
		5580	25.960	5567.160	5593.120	---	---
		5700	25.560	5687.160	5712.720	---	---
		5745	27.760	5730.000	5757.760	---	---
		5785	24.280	5773.040	5797.320	---	---
		5825	24.920	5812.600	5837.520	---	---
11N40SISO	Ant1	5190	58.080	5162.880	5220.960	---	---
		5230	50.960	5202.960	5253.920	---	---
		5270	43.680	5248.880	5292.560	---	---
		5310	48.080	5288.800	5336.880	---	---
		5510	49.680	5482.880	5532.560	---	---
		5550	49.600	5522.880	5572.480	---	---
		5670	49.680	5642.800	5692.480	---	---
		5755	58.000	5727.800	5785.800	---	---
		5795	49.760	5767.880	5817.640	---	---
11AC20SISO	Ant1	5180	26.600	5163.600	5190.200	---	---
		5220	26.520	5205.800	5232.320	---	---
		5240	23.440	5228.720	5252.160	---	---
		5260	30.960	5245.960	5276.920	---	---

		5300	22.520	5287.520	5310.040	---	---
		5320	21.680	5309.600	5331.280	---	---
		5500	22.640	5487.320	5509.960	---	---
		5580	22.040	5567.800	5589.840	---	---
		5700	24.720	5687.680	5712.400	---	---
		5745	25.200	5731.840	5757.040	---	---
		5785	25.560	5772.800	5798.360	---	---
		5825	24.000	5812.080	5836.080	---	---
11AC40SISO	Ant1	5190	52.080	5163.760	5215.840	---	---
		5230	49.920	5206.720	5256.640	---	---
		5270	52.000	5246.800	5298.800	---	---
		5310	50.000	5288.720	5338.720	---	---
		5510	44.080	5488.640	5532.720	---	---
		5550	48.960	5523.840	5572.800	---	---
		5670	48.320	5643.680	5692.000	---	---
		5755	55.040	5727.720	5782.760	---	---
		5795	46.160	5771.560	5817.720	---	---

Test Graphs

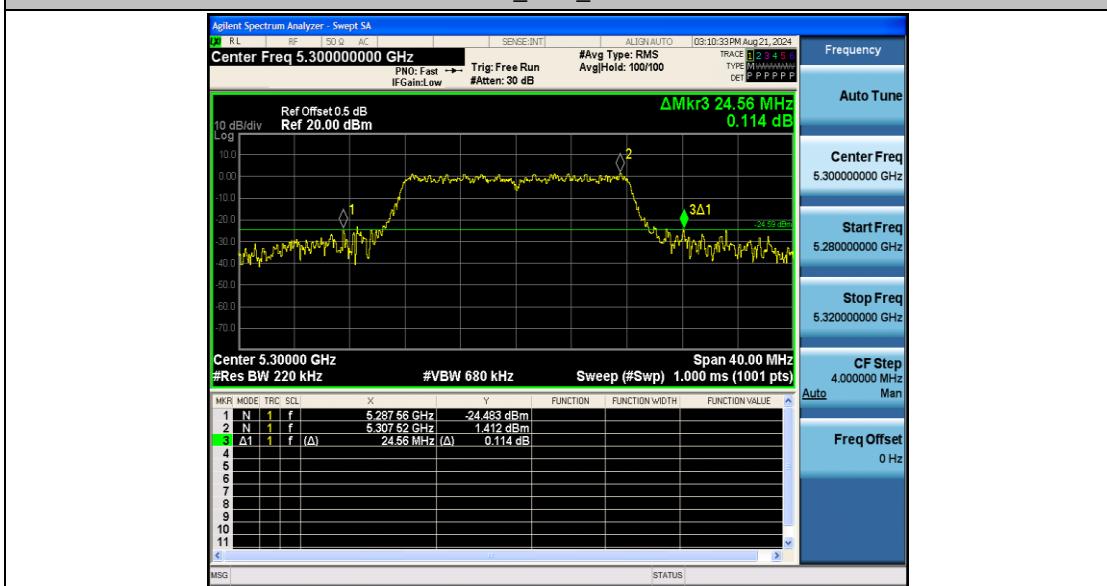


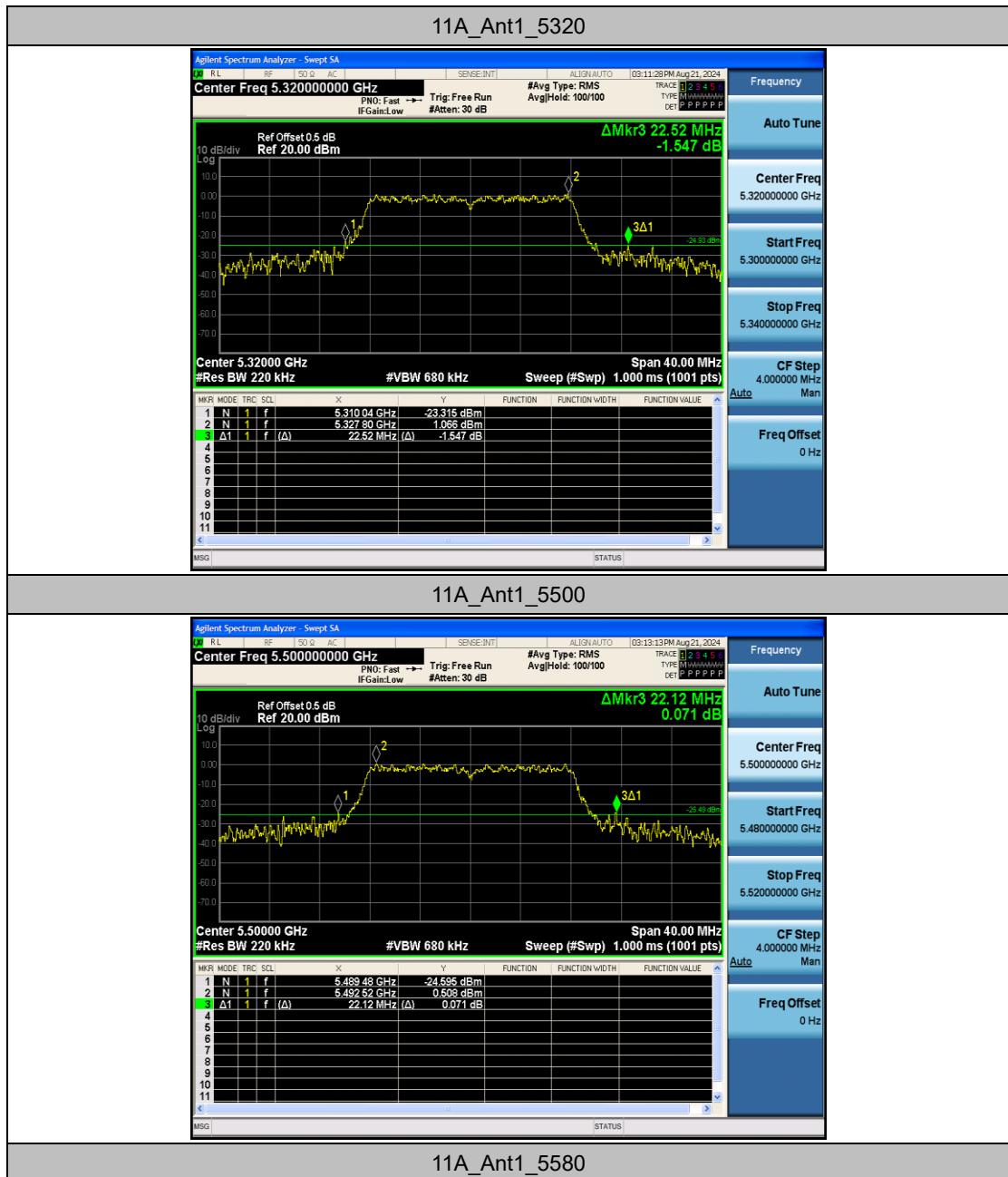


11A_Ant1_5260



11A_Ant1_5300







11A_Ant1_5700



11A_Ant1_5745



11A_Ant1_5785



11A_Ant1_5825



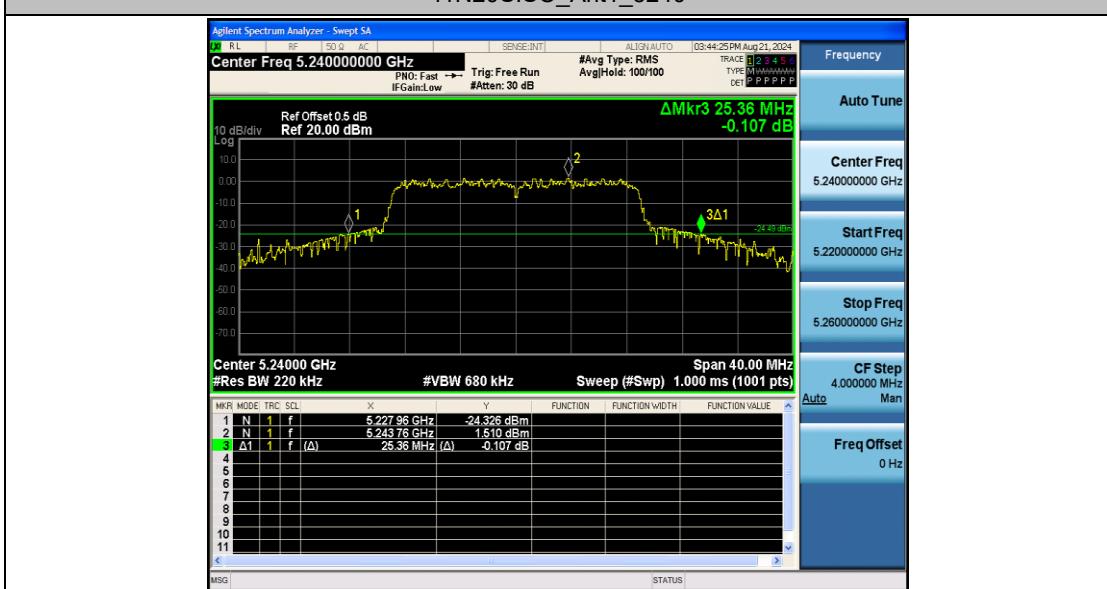
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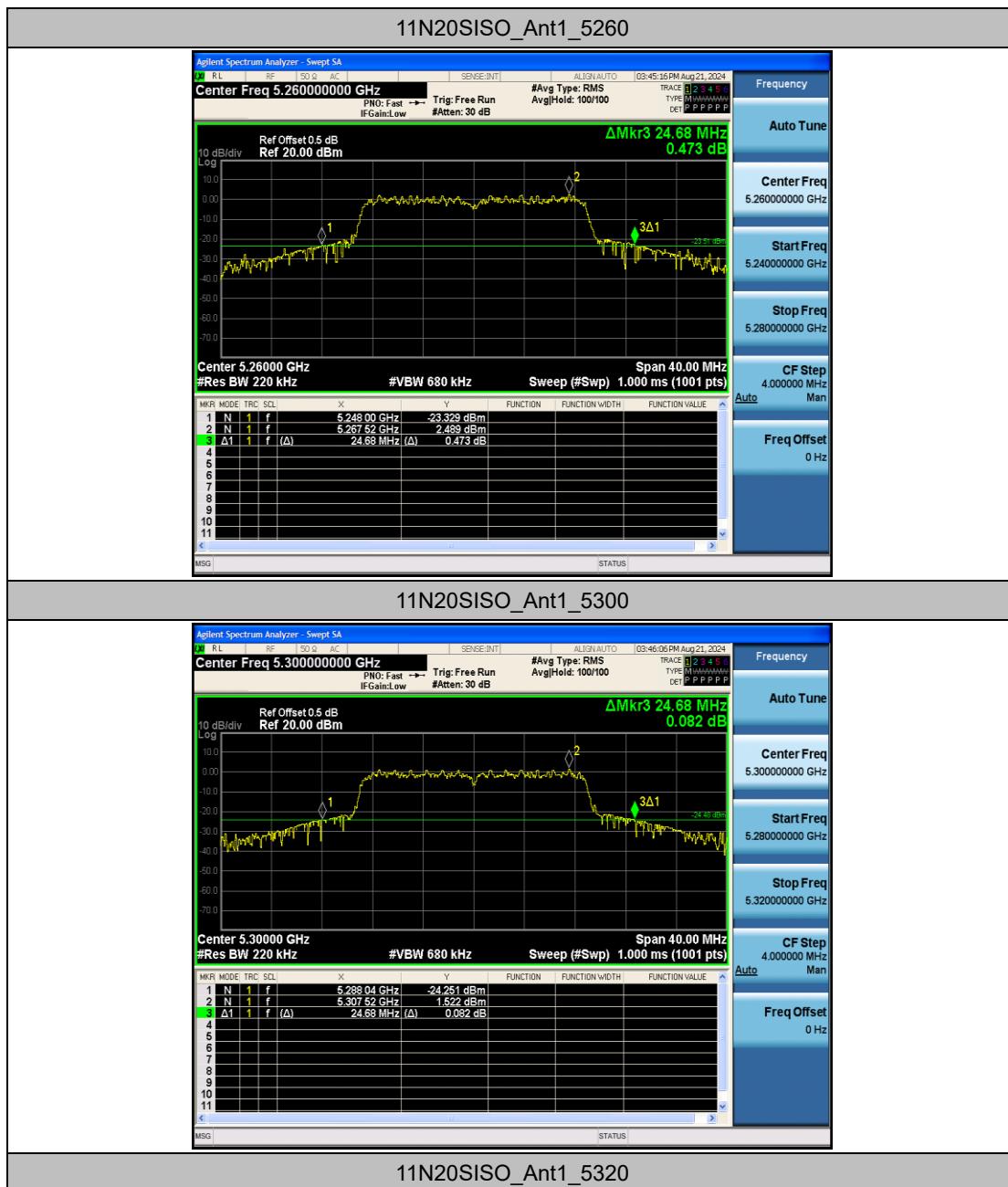


11N20SISO_Ant1_5220



11N20SISO_Ant1_5240





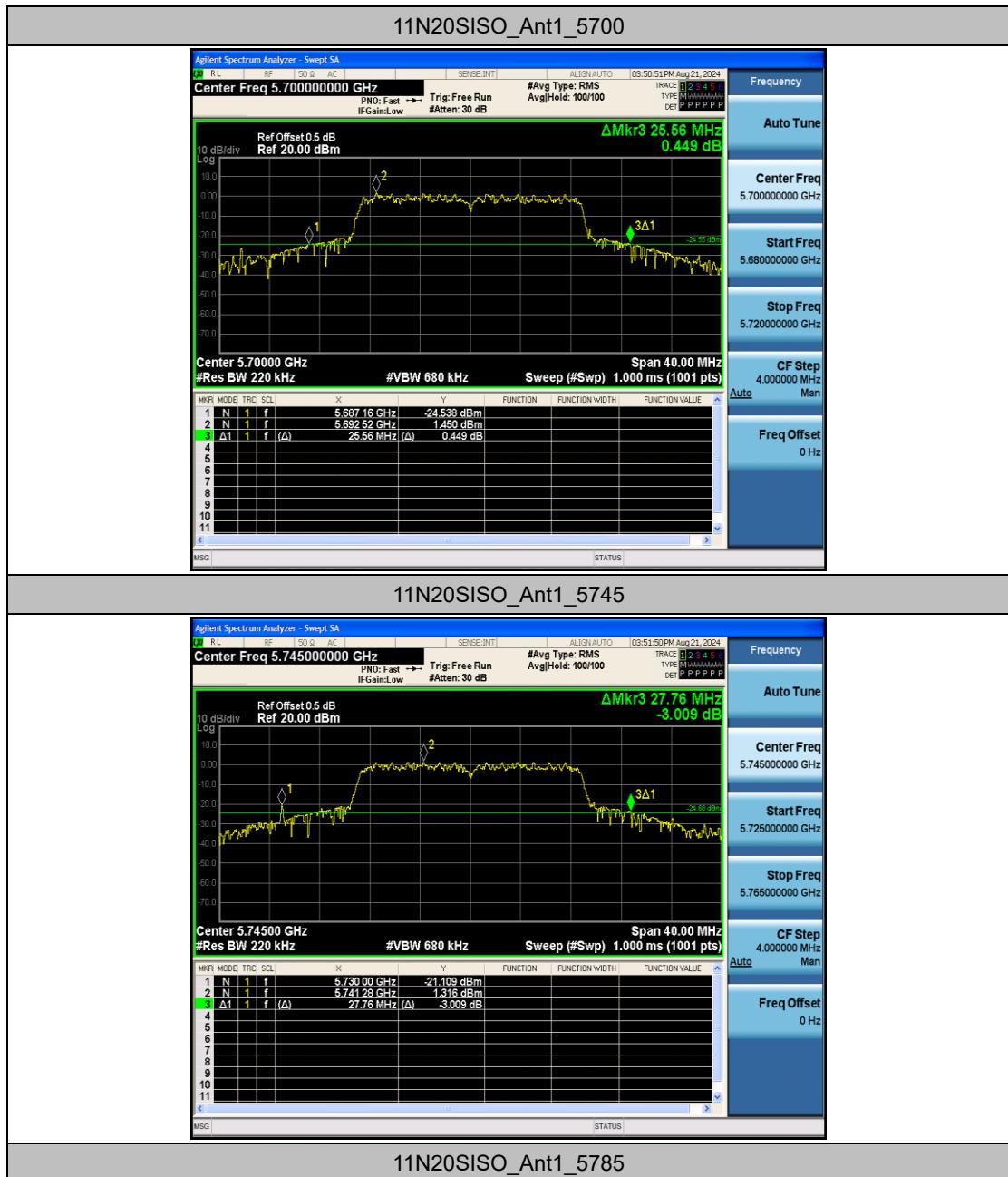


11N20SISO_Ant1_5500



11N20SISO_Ant1_5580





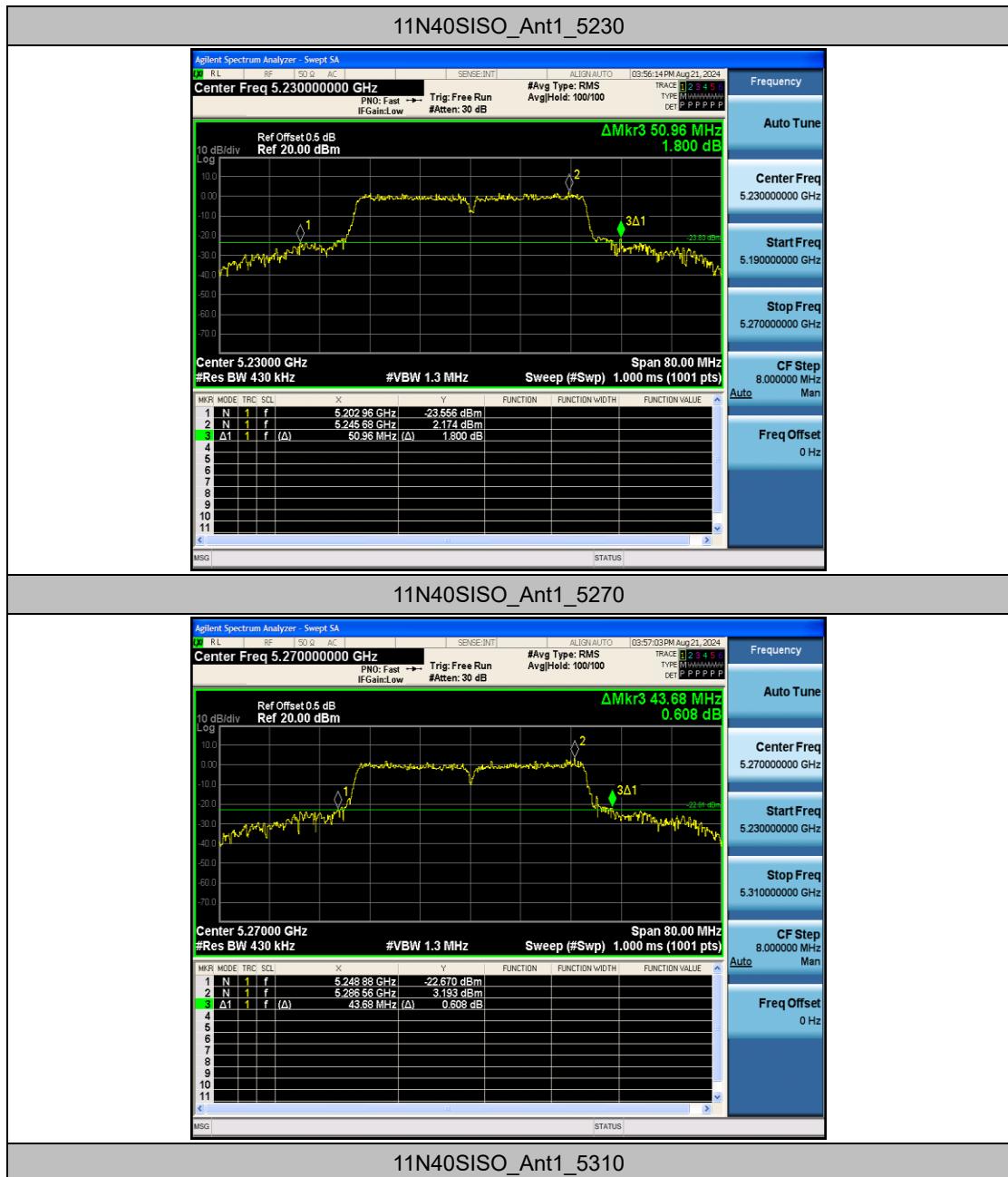


11N20SISO_Ant1_5825



11N40SISO_Ant1_5190





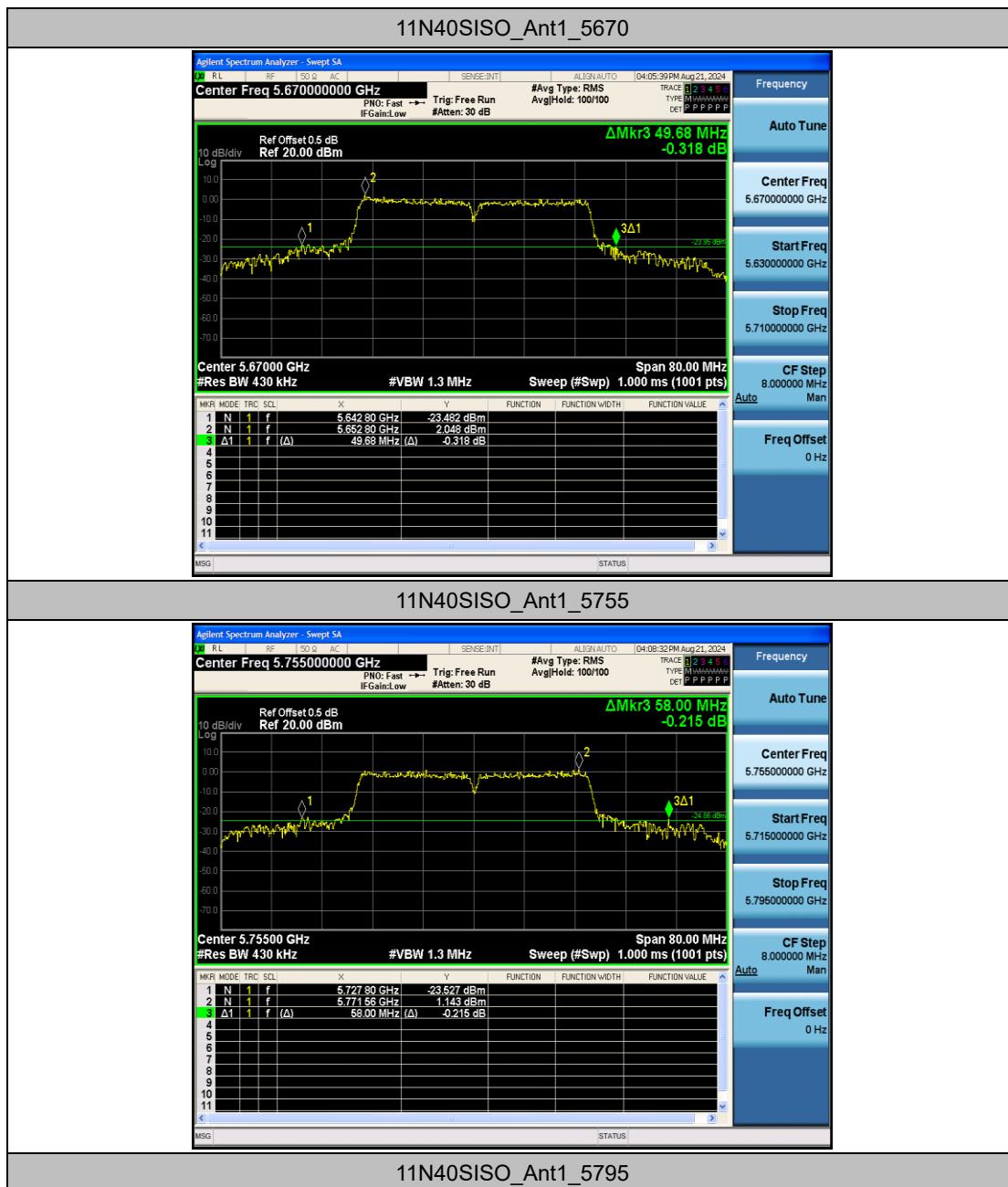


11N40SISO_Ant1_5510



11N40SISO Ant1 5550





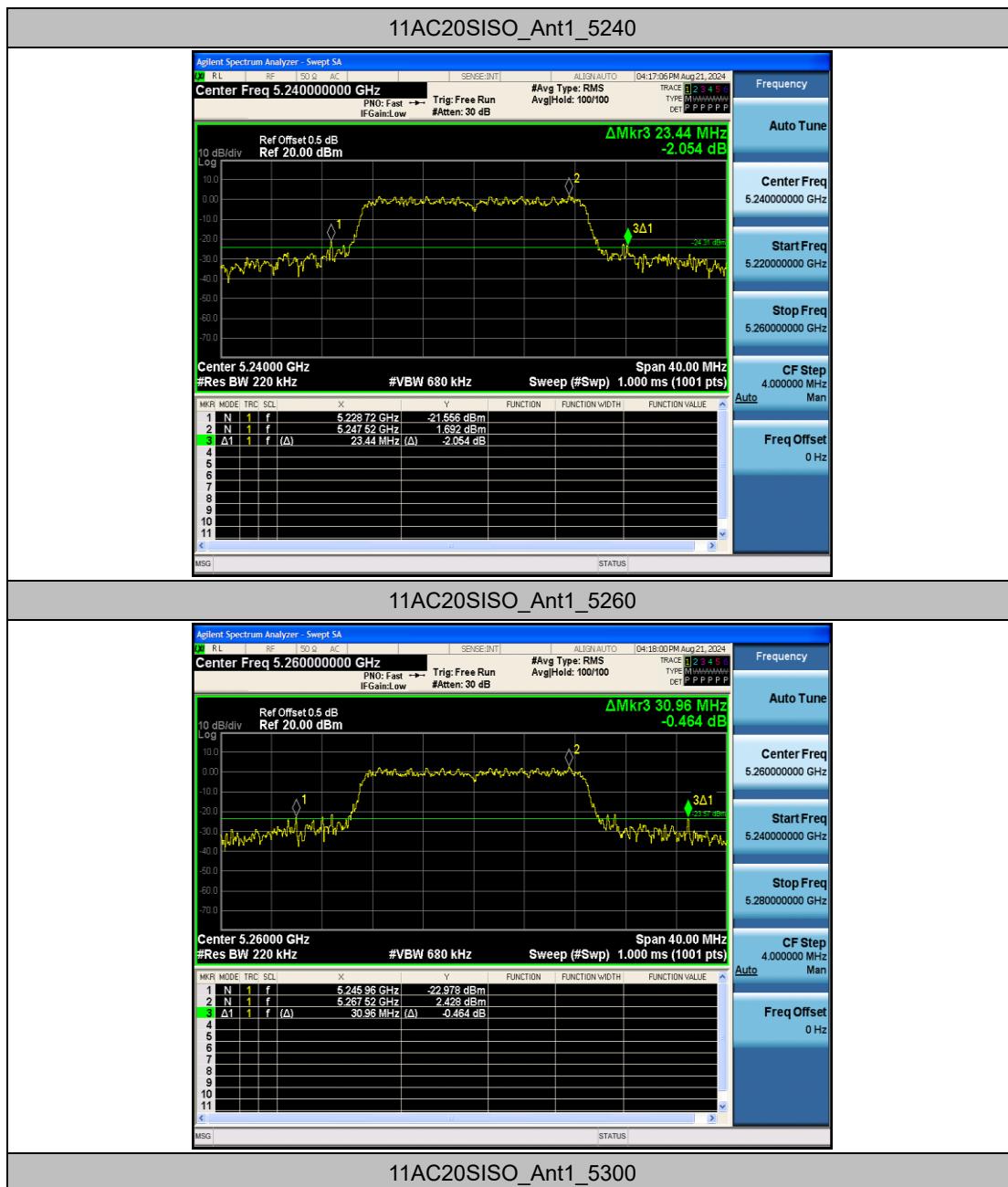


11AC20SISO_Ant1_5180



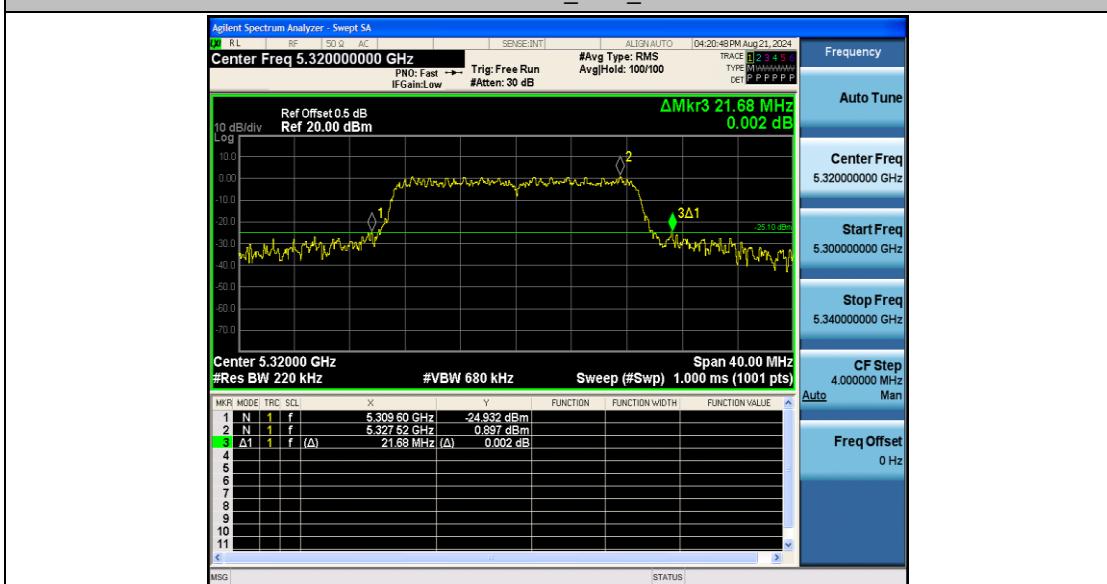
11AC20SISO_Ant1_5220





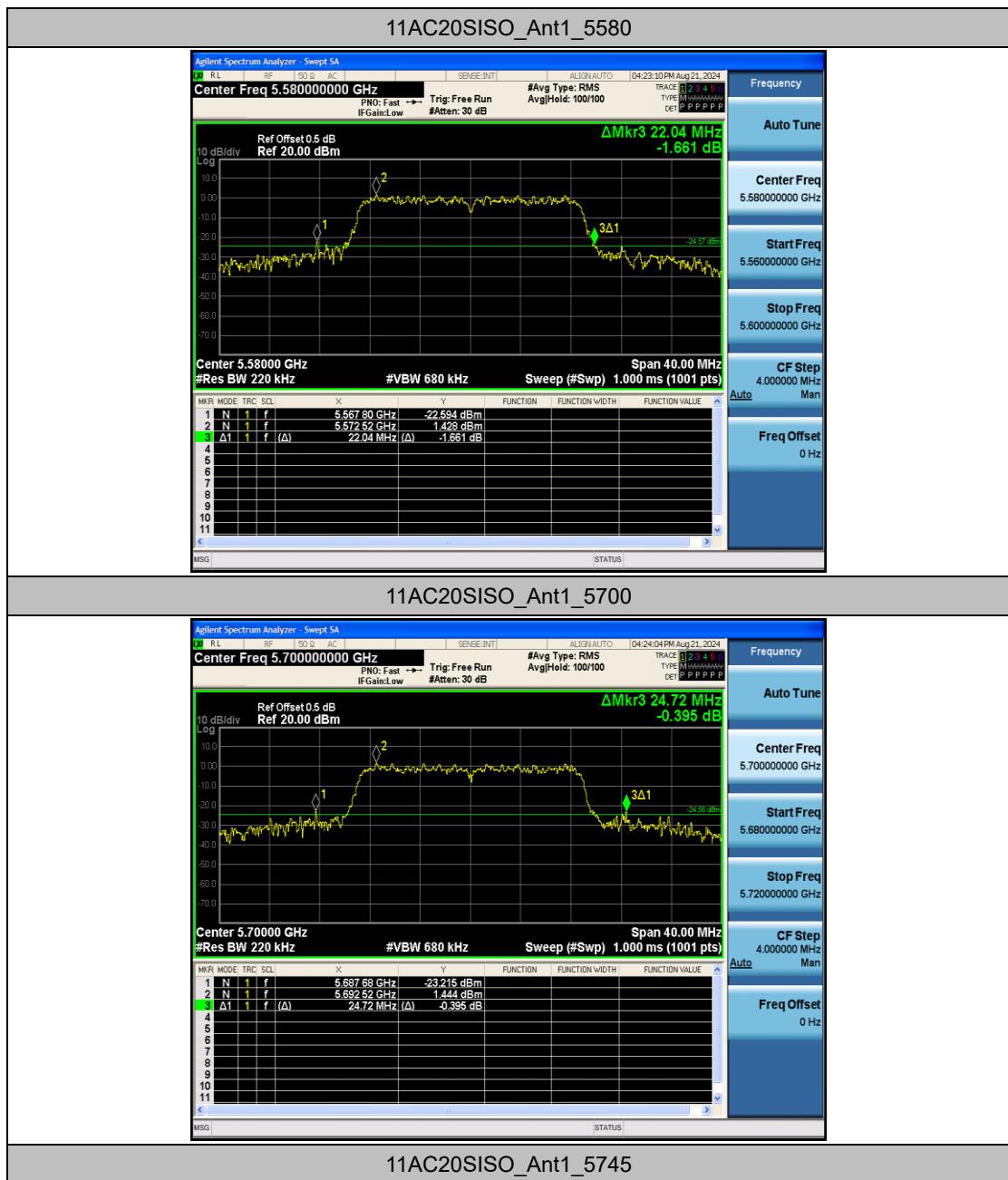


11AC20SISO_Ant1_5320



11AC20SISO_Ant1_5500





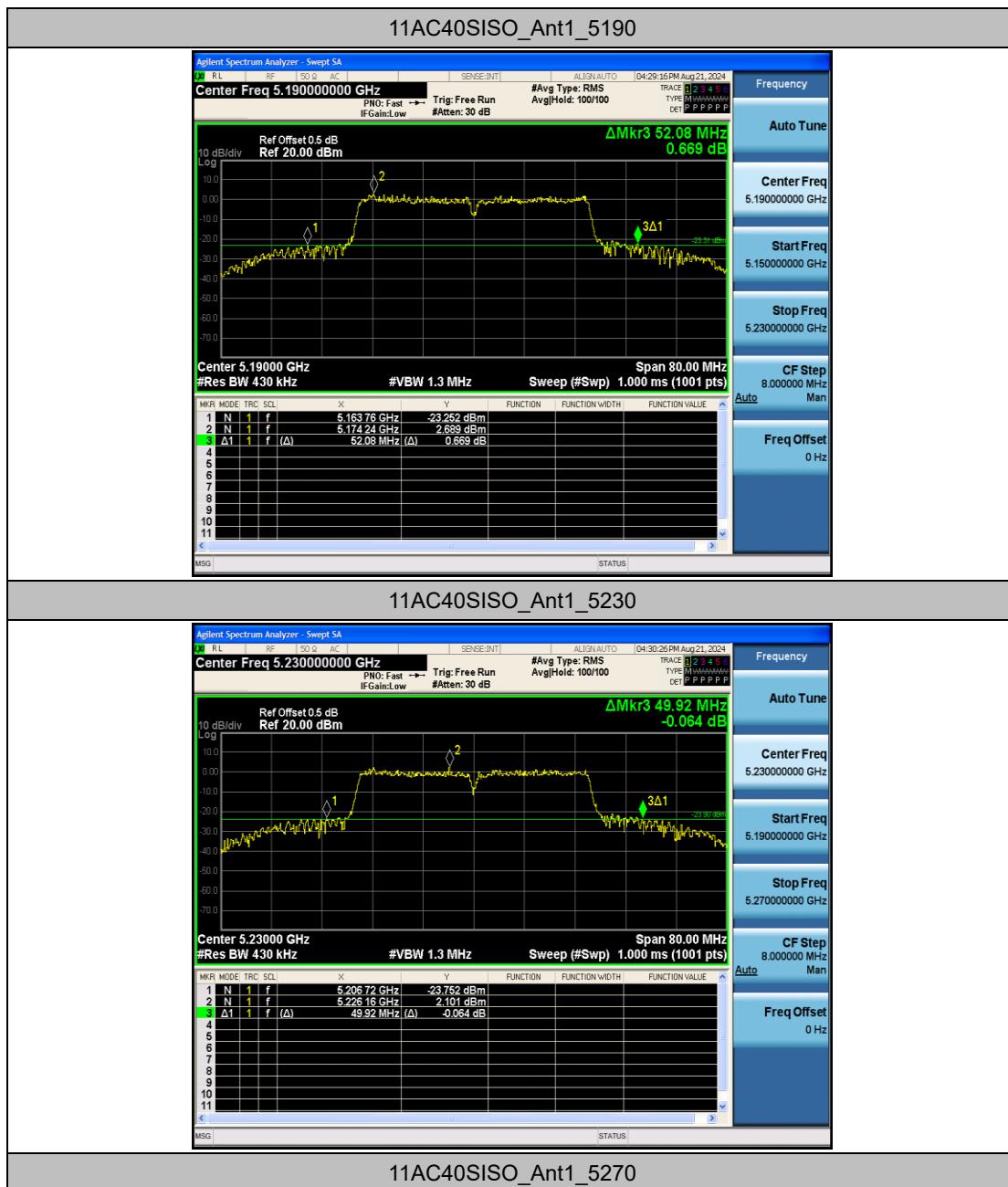


11AC20SISO_Ant1_5785



11AC20SISO_Ant1_5825





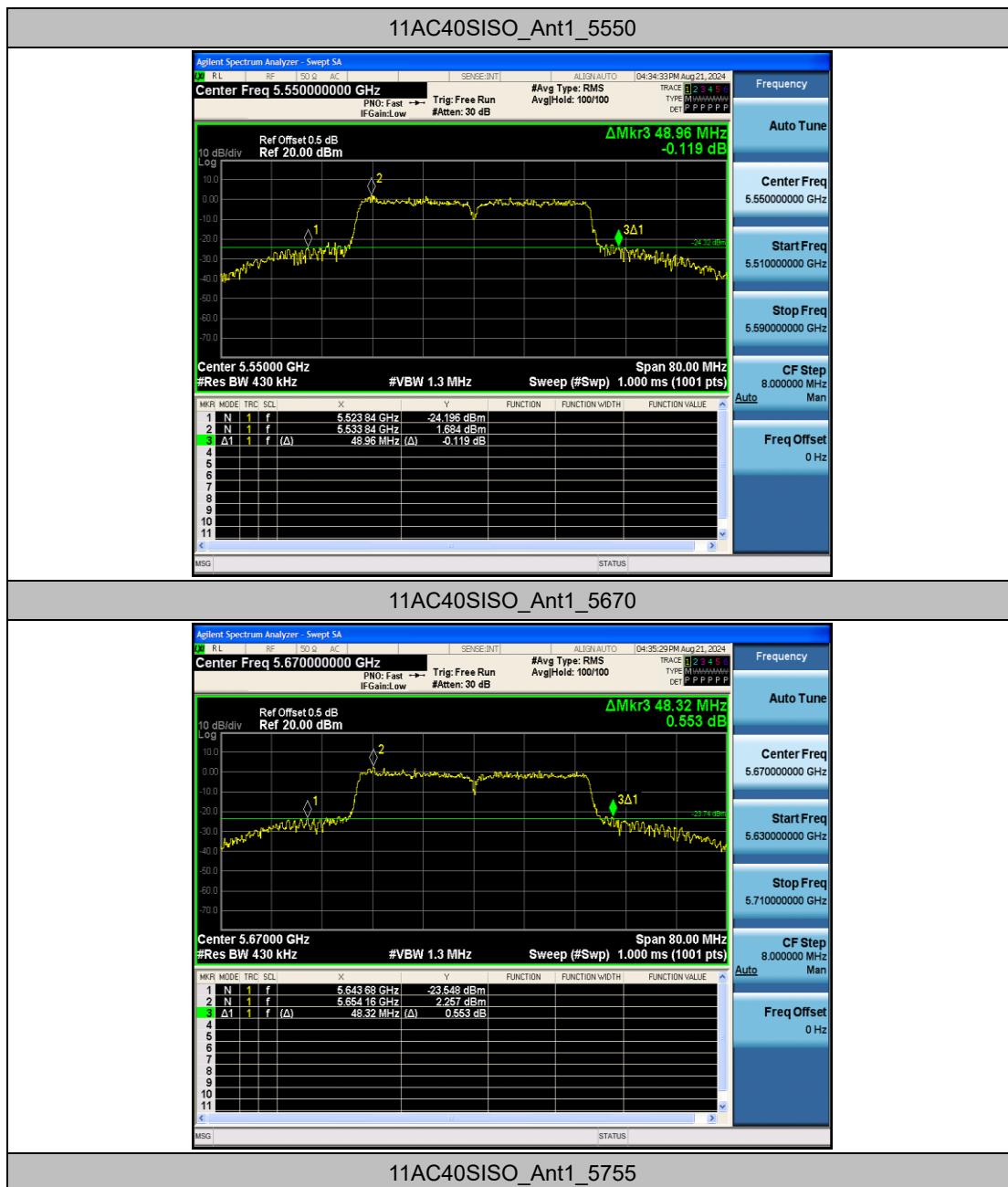


11AC40SISO_Ant1_5310



11AC40SISO_Ant1_5510







11AC40SISO_Ant1_5795



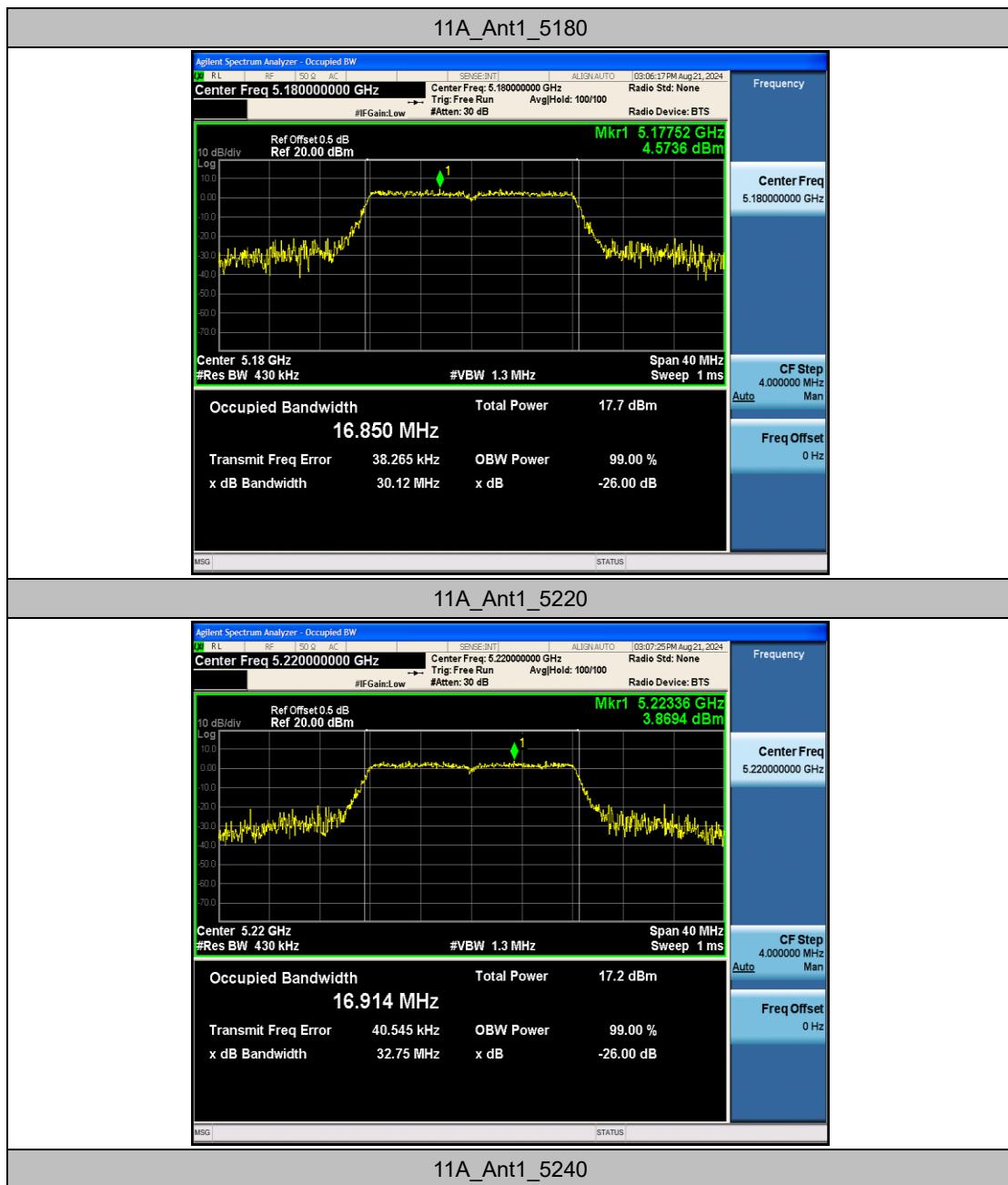
Appendix A2: Occupied channel bandwidth

Test Result

TestMode	Antenna	Freq(MHz)	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5180	16.850	5171.6133	5188.4633	---	---
		5220	16.914	5211.5836	5228.4976	---	---
		5240	16.885	5231.6160	5248.5010	---	---
		5260	16.893	5251.5787	5268.4717	---	---
		5300	16.893	5291.6321	5308.5251	---	---
		5320	16.881	5311.5772	5328.4582	---	---
		5500	16.858	5491.5672	5508.4252	---	---
		5580	16.887	5571.5666	5588.4536	---	---
		5700	16.915	5691.5590	5708.4740	---	---
		5745	16.923	5736.5512	5753.4742	---	---
		5785	16.952	5776.5591	5793.5111	---	---
		5825	16.971	5816.5284	5833.4994	---	---
11N20SISO	Ant1	5180	17.984	5171.0379	5189.0219	---	---
		5220	18.007	5211.0353	5229.0423	---	---
		5240	18.001	5231.0455	5249.0465	---	---
		5260	17.956	5251.0589	5269.0149	---	---
		5300	17.909	5291.0999	5309.0089	---	---
		5320	17.963	5311.0921	5329.0551	---	---
		5500	17.960	5491.0193	5508.9793	---	---
		5580	17.962	5571.0211	5588.9831	---	---
		5700	17.973	5691.0151	5708.9881	---	---
		5745	17.986	5736.0360	5754.0220	---	---
		5785	17.962	5776.0269	5793.9889	---	---
		5825	17.978	5816.0203	5833.9983	---	---
11N40SISO	Ant1	5190	36.556	5171.8153	5208.3713	---	---
		5230	36.610	5211.7964	5248.4064	---	---
		5270	36.640	5251.7762	5288.4162	---	---
		5310	36.592	5291.8424	5328.4344	---	---
		5510	36.510	5491.7470	5528.2570	---	---
		5550	36.601	5531.7015	5568.3025	---	---
		5670	36.556	5651.7050	5688.2610	---	---
		5755	36.727	5736.6663	5773.3933	---	---
		5795	36.737	5776.6724	5813.4094	---	---
11AC20SISO	Ant1	5180	17.798	5171.1208	5188.9188	---	---
		5220	17.746	5211.1464	5228.8924	---	---
		5240	17.769	5231.1487	5248.9177	---	---
		5260	17.749	5251.1694	5268.9184	---	---

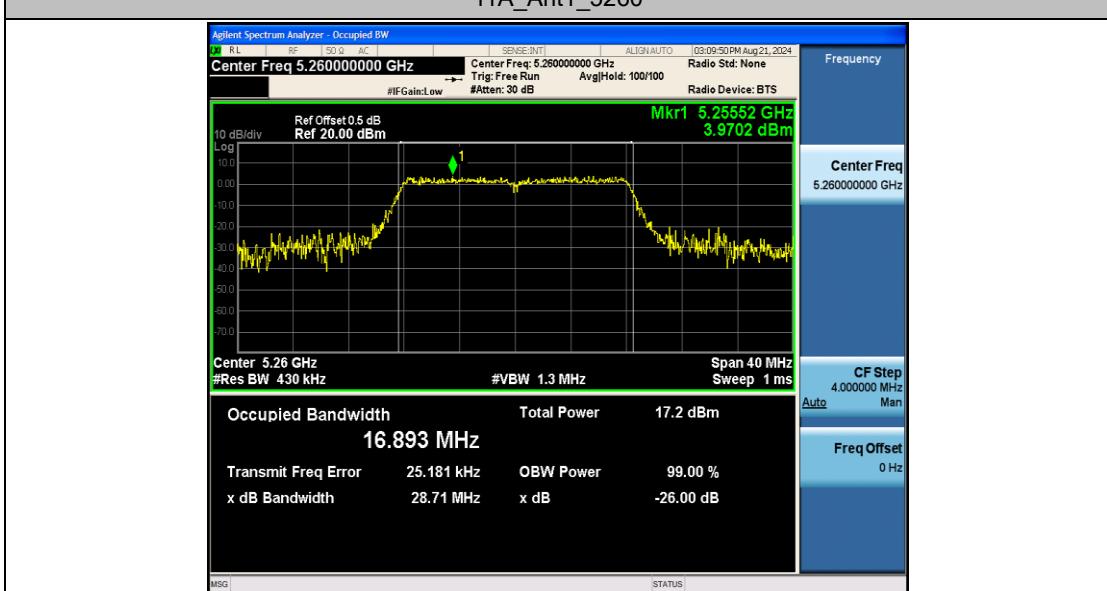
		5300	17.804	5291.1345	5308.9385	---	---
		5320	17.802	5311.1430	5328.9450	---	---
		5500	17.753	5491.1291	5508.8821	---	---
		5580	17.770	5571.1383	5588.9083	---	---
		5700	17.854	5691.0783	5708.9323	---	---
		5745	17.812	5736.1095	5753.9215	---	---
		5785	17.786	5776.1170	5793.9030	---	---
		5825	17.792	5816.1304	5833.9224	---	---
11AC40SISO	Ant1	5190	36.601	5171.7874	5208.3884	---	---
		5230	36.613	5211.7948	5248.4078	---	---
		5270	36.575	5251.8127	5288.3877	---	---
		5310	36.620	5291.8489	5328.4689	---	---
		5510	36.541	5491.7485	5528.2895	---	---
		5550	36.598	5531.7234	5568.3214	---	---
		5670	36.550	5651.7292	5688.2792	---	---
		5755	36.635	5736.7821	5773.4171	---	---
		5795	36.602	5776.7455	5813.3475	---	---

Test Graphs

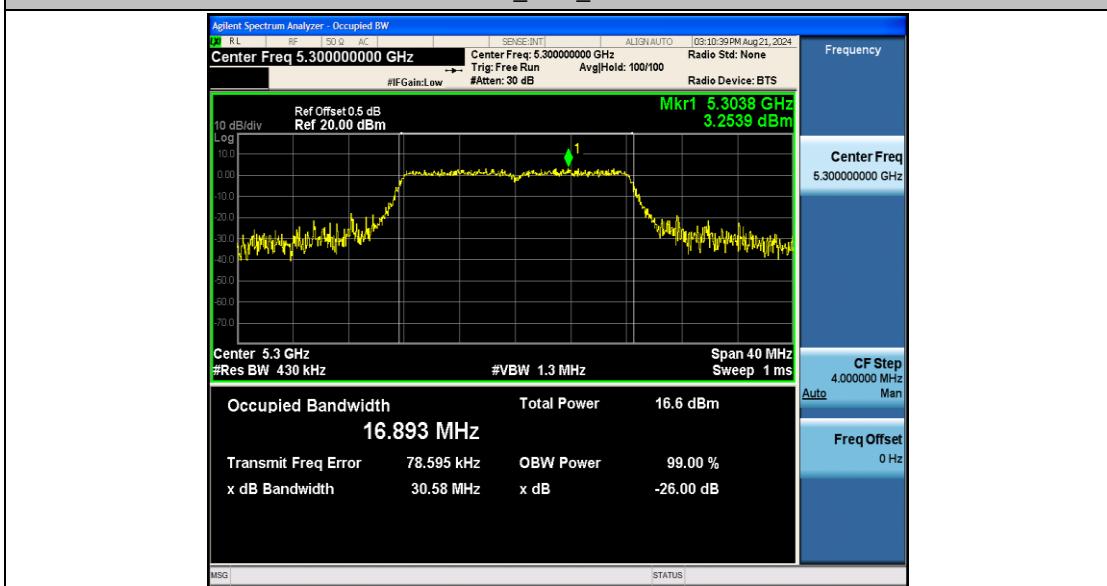




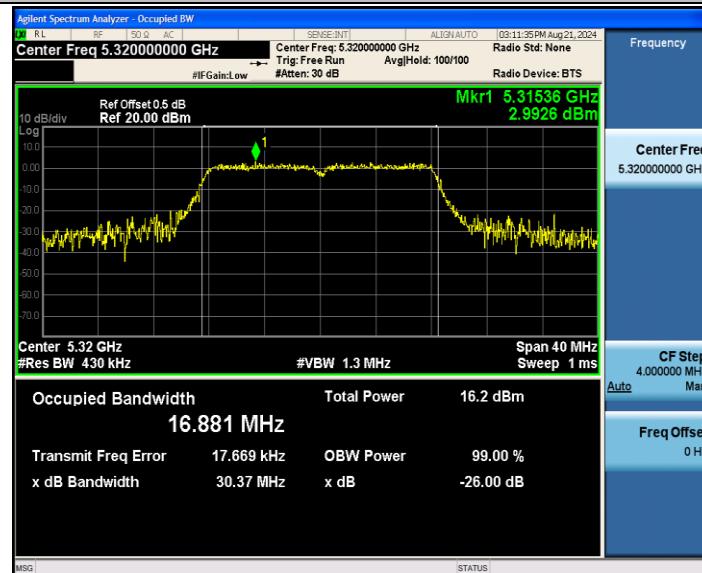
11A_Ant1_5260



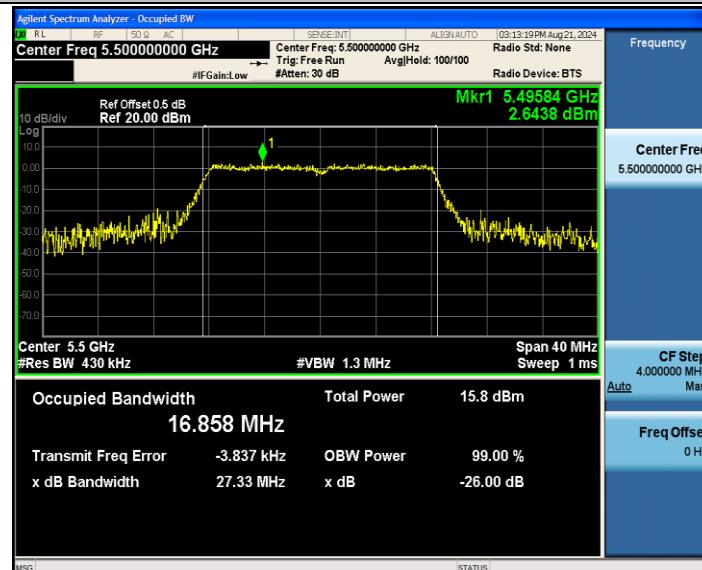
11A_Ant1_5300



11A_Ant1_5320



11A_Ant1_5500



11A_Ant1_5580