



Appendix A1: Emission Bandwidth

Test Result

Test Mode	Antenna	Channel	26dB EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5180	20.320	5169.560	5189.880	---	---
		5220	20.360	5210.000	5230.360	---	---
		5240	20.560	5229.800	5250.360	---	---
		5260	20.240	5249.880	5270.120	---	---
		5300	20.360	5289.640	5310.000	---	---
		5320	20.520	5309.720	5330.240	---	---
		5500	20.160	5490.040	5510.200	---	---
		5580	20.520	5569.480	5590.000	---	---
		5700	19.960	5690.000	5709.960	---	---
		5745	20.120	5734.840	5754.960	---	---
		5785	20.200	5774.880	5795.080	---	---
		5825	20.480	5814.720	5835.200	---	---
11N20SISO	Ant1	5180	20.920	5169.320	5190.240	---	---
		5220	21.280	5209.200	5230.480	---	---
		5240	21.320	5229.040	5250.360	---	---
		5260	21.080	5249.320	5270.400	---	---
		5300	20.920	5289.280	5310.200	---	---
		5320	21.000	5309.360	5330.360	---	---
		5500	21.600	5489.160	5510.760	---	---
		5580	21.640	5569.160	5590.800	---	---
		5700	21.280	5689.400	5710.680	---	---
		5745	21.160	5734.200	5755.360	---	---
		5785	21.040	5774.360	5795.400	---	---
		5825	21.160	5814.480	5835.640	---	---
11N40SISO	Ant1	5190	42.720	5168.560	5211.280	---	---
		5230	42.080	5208.960	5251.040	---	---
		5270	42.880	5248.480	5291.360	---	---
		5310	42.320	5288.800	5331.120	---	---
		5510	47.600	5487.760	5535.360	---	---
		5550	42.960	5528.240	5571.200	---	---
		5670	43.680	5647.760	5691.440	---	---
		5755	42.640	5733.560	5776.200	---	---
		5795	42.640	5773.400	5816.040	---	---
11AC20SISO	Ant1	5180	21.240	5169.320	5190.560	---	---



		5220	21.200	5209.640	5230.840	---	---
		5240	21.040	5229.440	5250.480	---	---
		5260	21.640	5249.160	5270.800	---	---
		5300	21.040	5289.360	5310.400	---	---
		5320	21.080	5309.320	5330.400	---	---
		5500	21.040	5489.520	5510.560	---	---
		5580	21.000	5569.440	5590.440	---	---
		5700	20.880	5689.480	5710.360	---	---
		5745	21.120	5734.360	5755.480	---	---
		5785	21.240	5774.360	5795.600	---	---
		5825	20.680	5814.680	5835.360	---	---
11AC40SISO	Ant1	5190	43.120	5168.480	5211.600	---	---
		5230	42.800	5208.720	5251.520	---	---
		5270	42.960	5248.400	5291.360	---	---
		5310	41.920	5288.720	5330.640	---	---
		5510	43.520	5488.160	5531.680	---	---
		5550	42.960	5528.480	5571.440	---	---
		5670	42.480	5648.640	5691.120	---	---
		5755	43.040	5733.240	5776.280	---	---
11AX20SISO	Ant1	5795	42.240	5773.880	5816.120	---	---
		5180	21.200	5169.440	5190.640	---	---
		5220	20.840	5209.600	5230.440	---	---
		5240	21.200	5229.280	5250.480	---	---
		5260	21.080	5249.400	5270.480	---	---
		5300	20.920	5289.520	5310.440	---	---
		5320	20.920	5309.400	5330.320	---	---
		5500	21.480	5489.440	5510.920	---	---
		5580	20.920	5569.520	5590.440	---	---
		5700	20.760	5689.520	5710.280	---	---
		5745	20.760	5734.520	5755.280	---	---
		5785	21.040	5774.400	5795.440	---	---
11AX40SISO	Ant1	5825	21.280	5814.280	5835.560	---	---
		5190	42.080	5169.040	5211.120	---	---
		5230	41.840	5209.200	5251.040	---	---
		5270	41.840	5249.200	5291.040	---	---
		5310	41.840	5288.800	5330.640	---	---
		5510	42.160	5488.960	5531.120	---	---
		5550	42.160	5528.560	5570.720	---	---

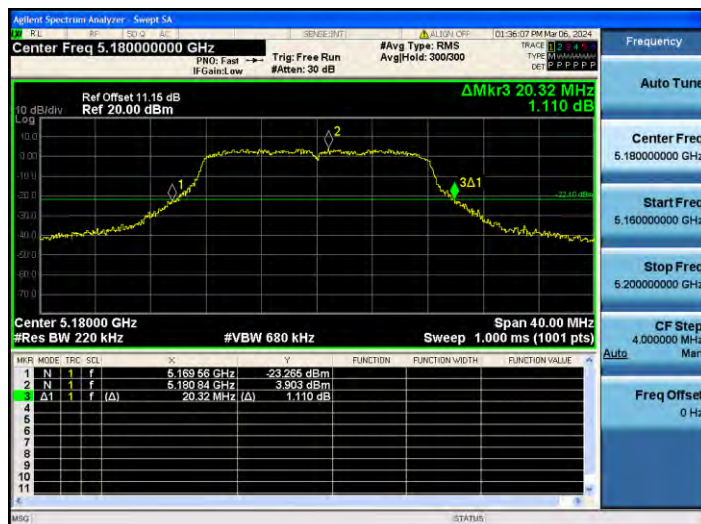


		5670	42.320	5648.560	5690.880	---	---
		5755	42.240	5733.720	5775.960	---	---
		5795	41.600	5774.200	5815.800	---	---



Test Graphs

11A_Ant1_5180



11A_Ant1_5220



11A_Ant1_5240



11A_Ant1_5260



11A_Ant1_5300



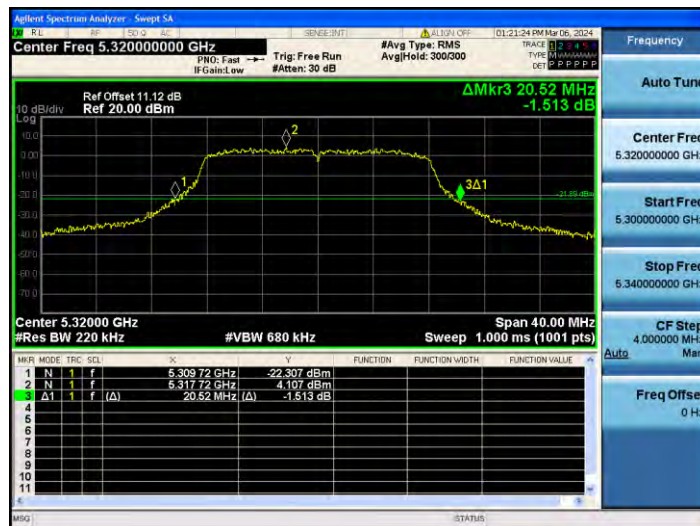
SGS-CSTC Standards Technical Services (Shanghai) Co., Ltd.

Report No.: SHCR240100007004

Page: 6 of 242



11A_Ant1_5320



11A_Ant1_5500



11A_Ant1_5580



11A_Ant1_5700



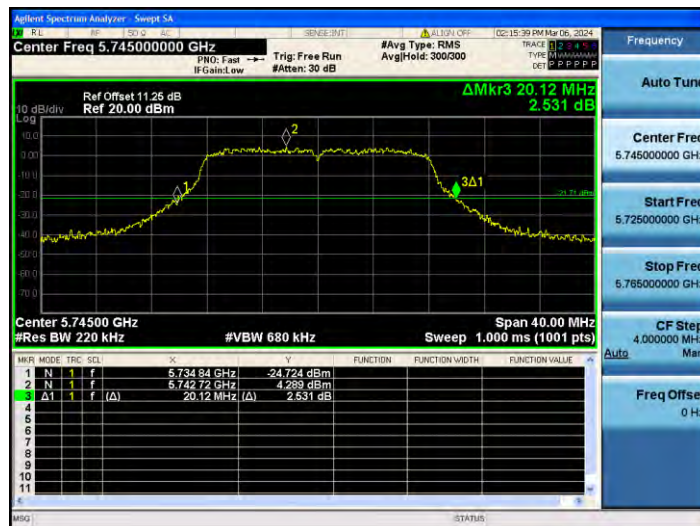
SGS-CSTC Standards Technical Services (Shanghai) Co., Ltd.

Report No.: SHCR240100007004

Page: 8 of 242



11A_Ant1_5745



11A_Ant1_5785



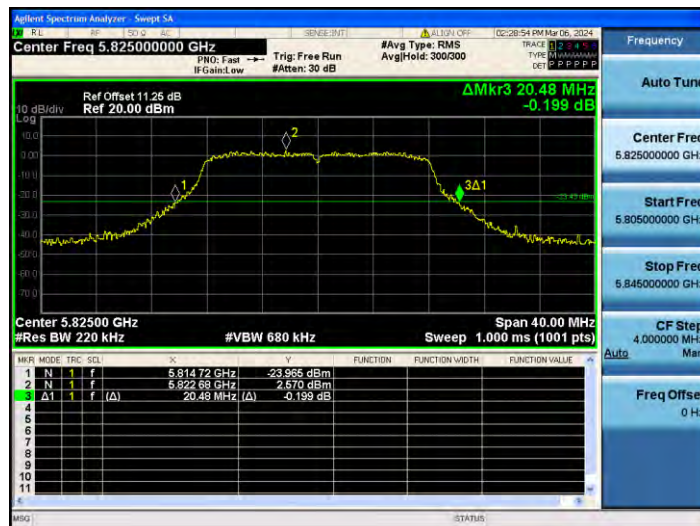
SGS-CSTC Standards Technical Services (Shanghai) Co., Ltd.

Report No.: SHCR240100007004

Page: 9 of 242



11A_Ant1_5825



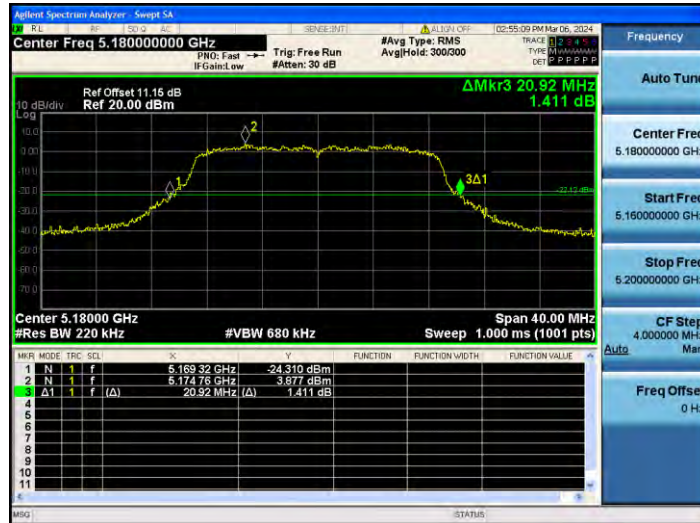
11N20SISO_Ant1_5180



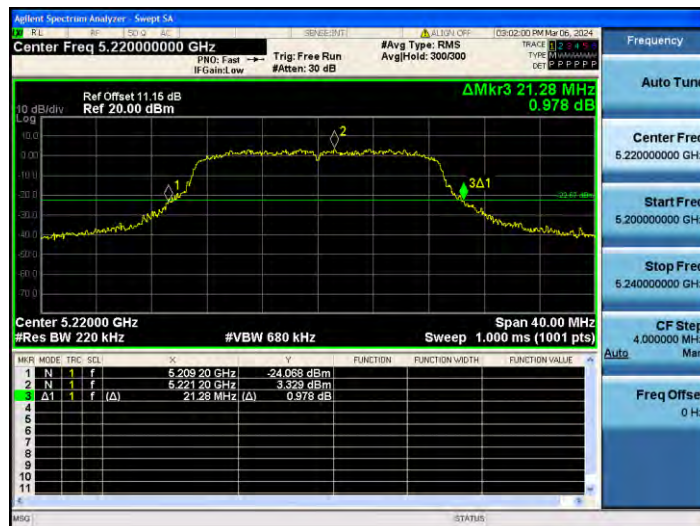
SGS-CSTC Standards Technical Services (Shanghai) Co., Ltd.

Report No.: SHCR240100007004

Page: 10 of 242



11N20SISO_Ant1_5220



11N20SISO_Ant1_5240



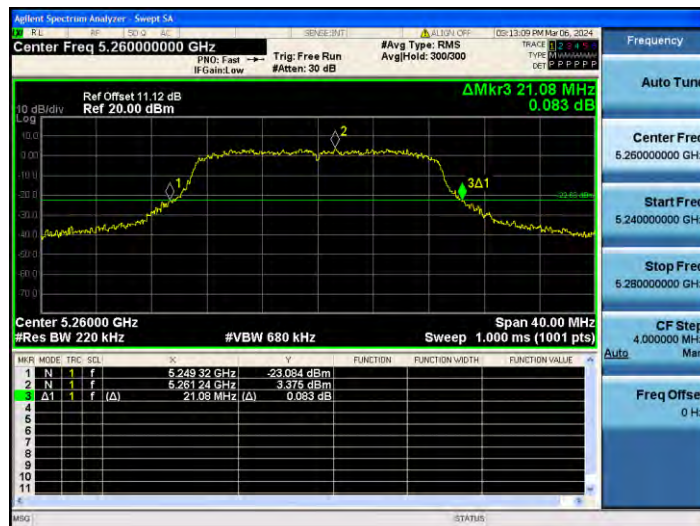
SGS-CSTC Standards Technical Services (Shanghai) Co., Ltd.

Report No.: SHCR240100007004

Page: 11 of 242



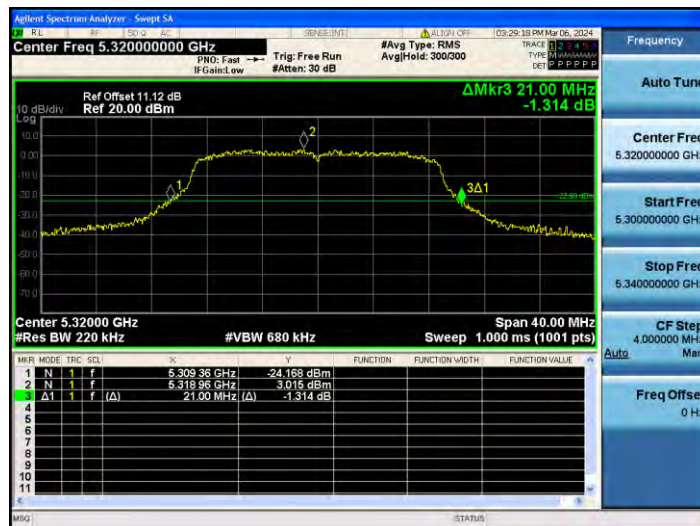
11N20SISO_Ant1_5260



11N20SISO_Ant1_5300



11N20SISO_Ant1_5320



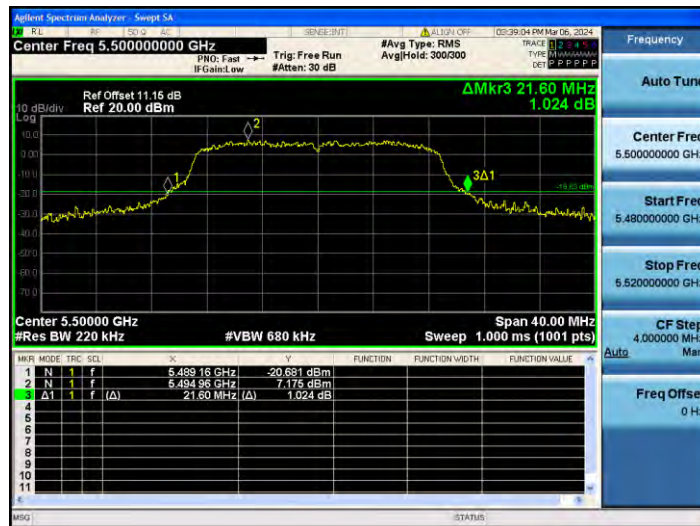
11N20SISO_Ant1_5500



SGS-CSTC Standards Technical Services (Shanghai) Co., Ltd.

Report No.: SHCR240100007004

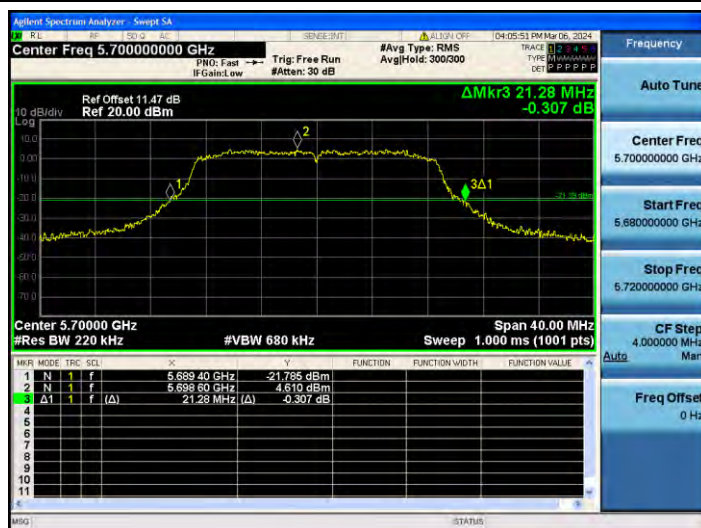
Page: 13 of 242



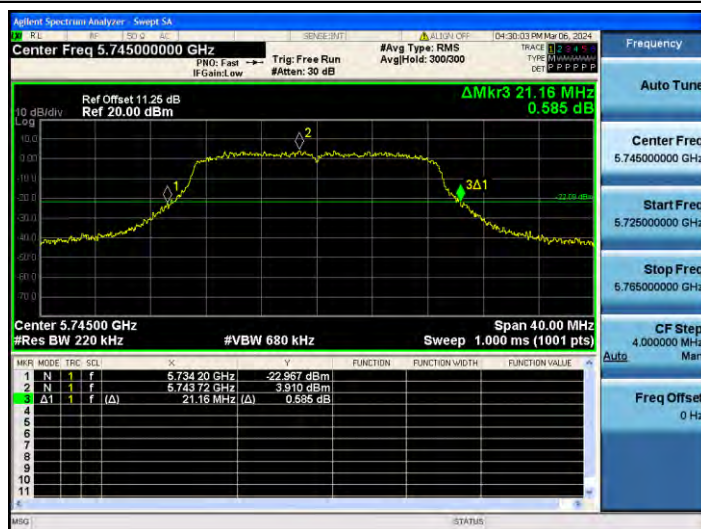
11N20SISO_Ant1_5580



11N20SISO_Ant1_5700



11N20SISO_Ant1_5745



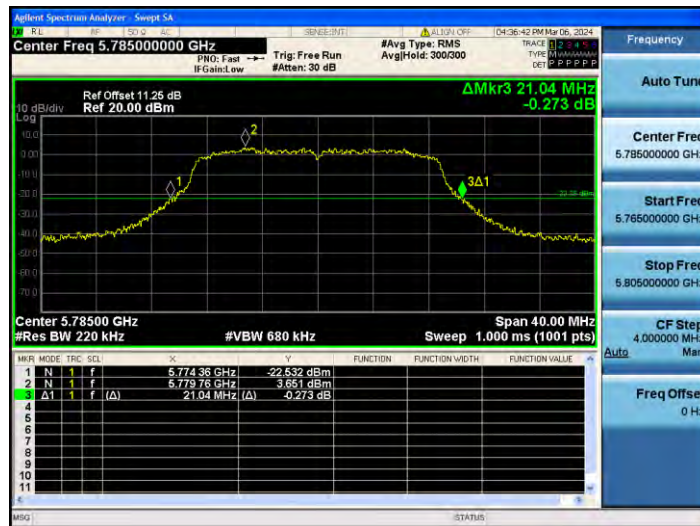
11N20SISO_Ant1_5785



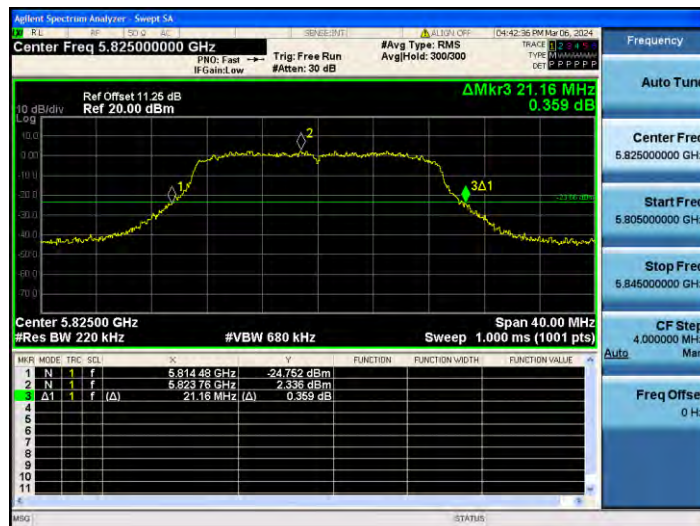
SGS-CSTC Standards Technical Services (Shanghai) Co., Ltd.

Report No.: SHCR240100007004

Page: 15 of 242



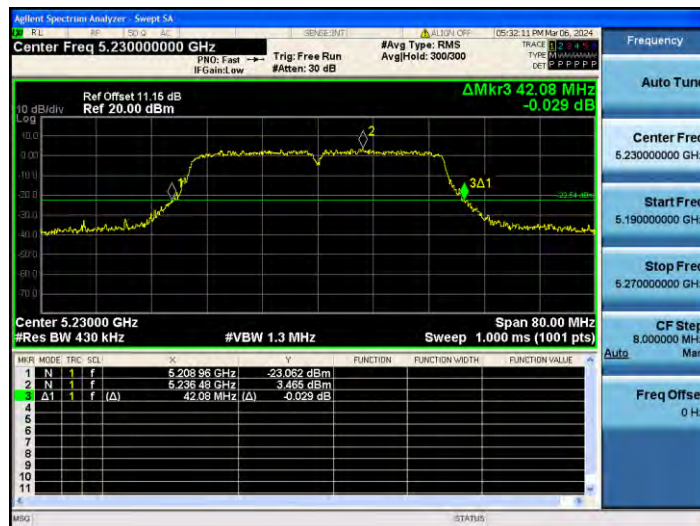
11N20SISO_Ant1_5825



11N40SISO_Ant1_5190



11N40SISO_Ant1_5230



11N40SISO_Ant1_5270



Page: 17 of 242





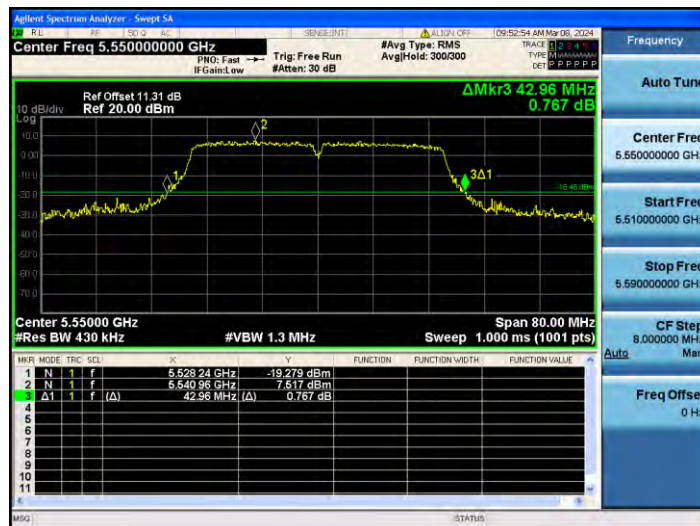
SGS-CSTC Standards Technical Services (Shanghai) Co., Ltd.

Report No.: SHCR240100007004

Page: 18 of 242



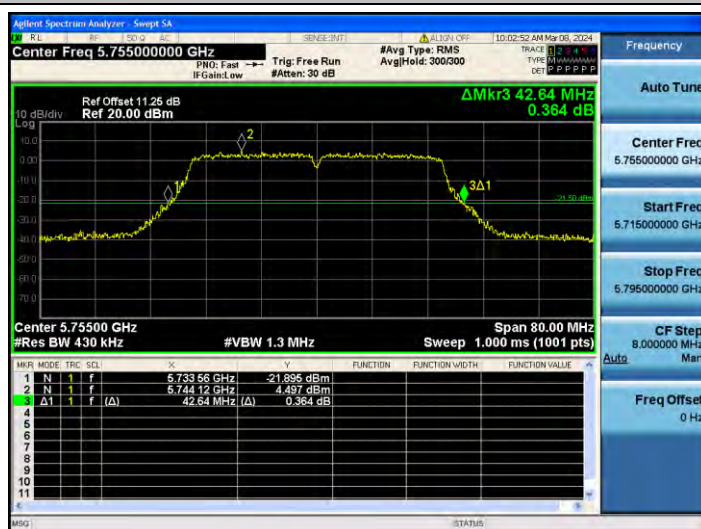
11N40SISO_Ant1_5550



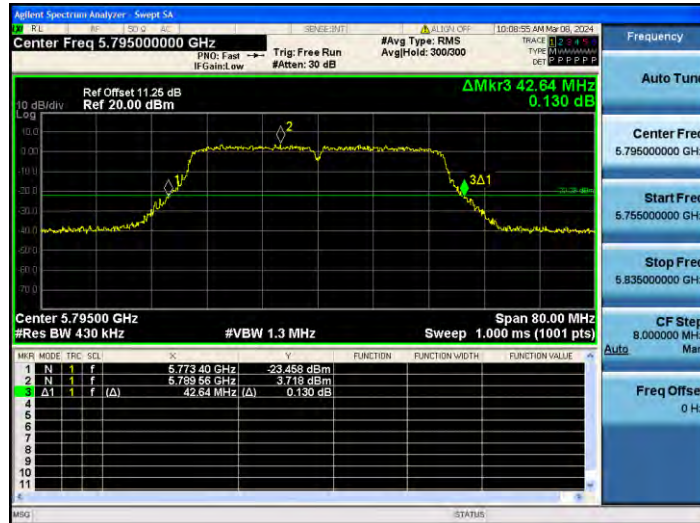
11N40SISO_Ant1_5670



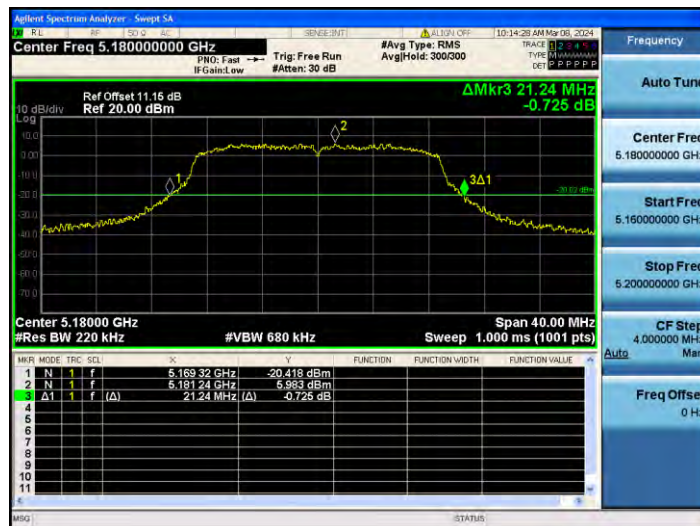
11N40SISO Ant1 5755



11N40SISO Ant1 5795



11AC20SISO_Ant1_5180



11AC20SISO_Ant1_5220



11AC20SISO_Ant1_5240



11AC20SISO_Ant1_5260



SGS-CSTC Standards Technical Services (Shanghai) Co., Ltd.

Report No.: SHCR240100007004

Page: 22 of 242



11AC20SISO_Ant1_5300



11AC20SISO_Ant1_5320



11AC20SISO_Ant1_5500



11AC20SISO_Ant1_5580



11AC20SISO_Ant1_5700



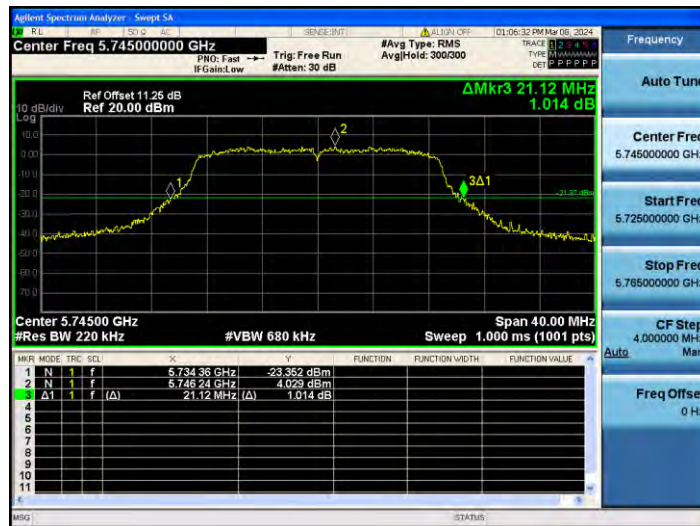
11AC20SISO_Ant1_5745



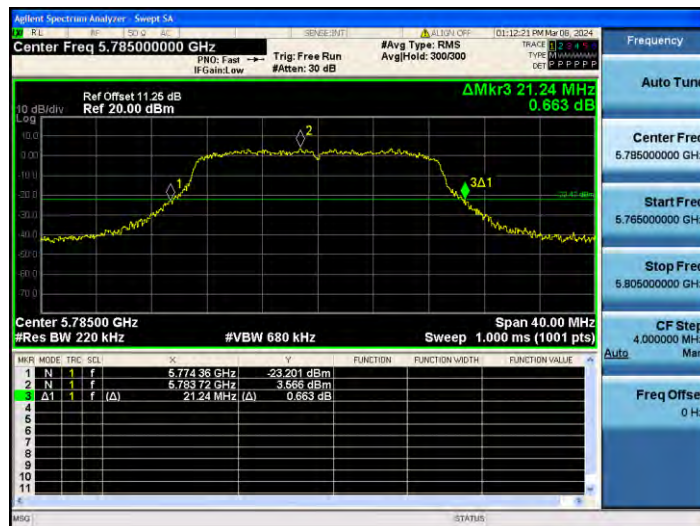
SGS-CSTC Standards Technical Services (Shanghai) Co., Ltd.

Report No.: SHCR240100007004

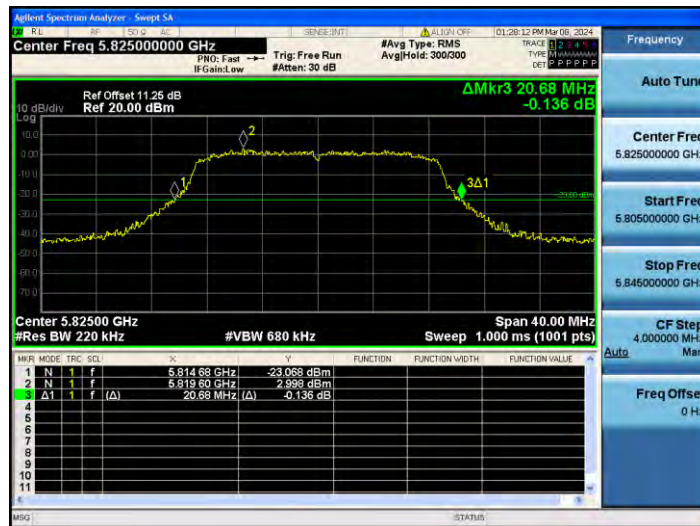
Page: 25 of 242



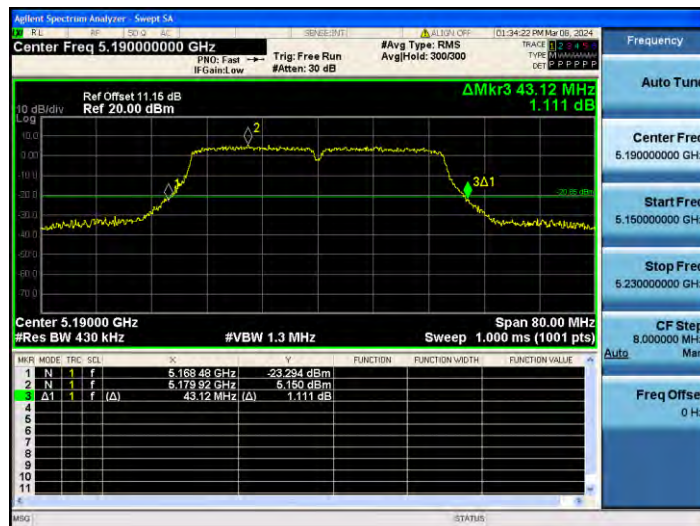
11AC20SISO_Ant1_5785



11AC20SISO_Ant1_5825



11AC40SISO_Ant1_5190



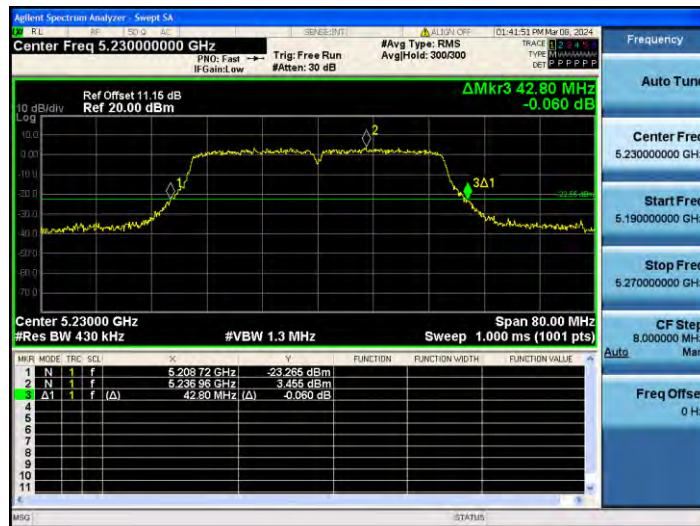
11AC40SISO_Ant1_5230



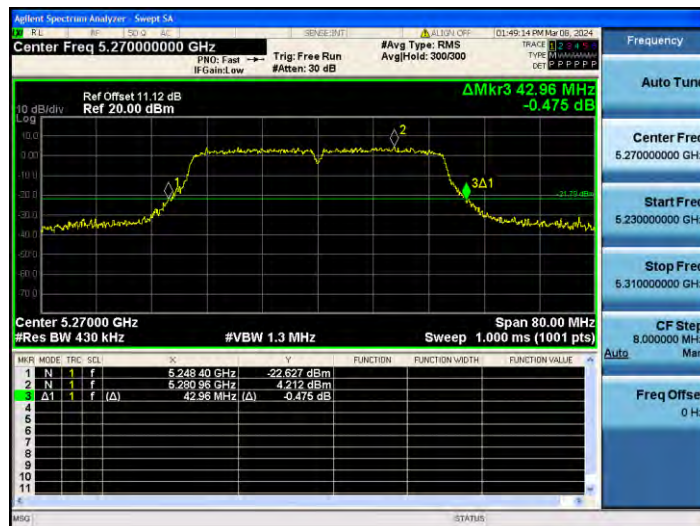
SGS-CSTC Standards Technical Services (Shanghai) Co., Ltd.

Report No.: SHCR240100007004

Page: 27 of 242



11AC40SISO_Ant1_5270



11AC40SISO_Ant1_5310



11AC40SISO_Ant1_5510



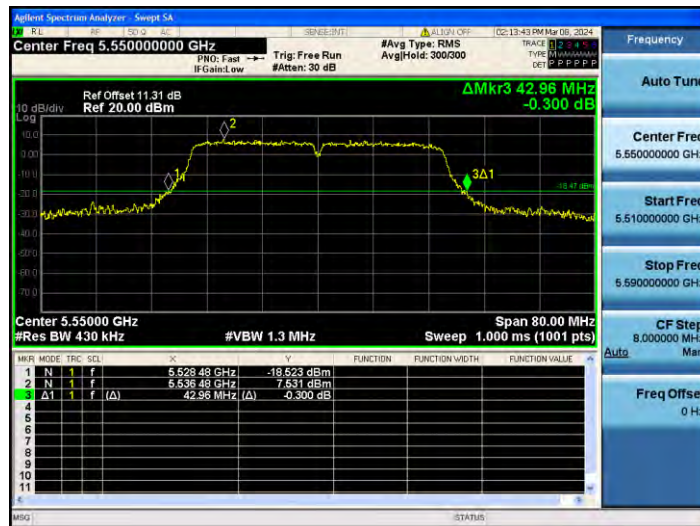
11AC40SISO_Ant1_5550



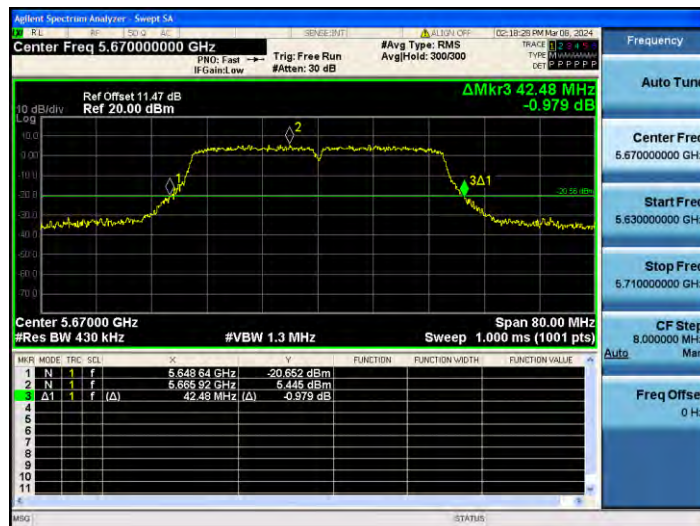
SGS-CSTC Standards Technical Services (Shanghai) Co., Ltd.

Report No.: SHCR240100007004

Page: 29 of 242



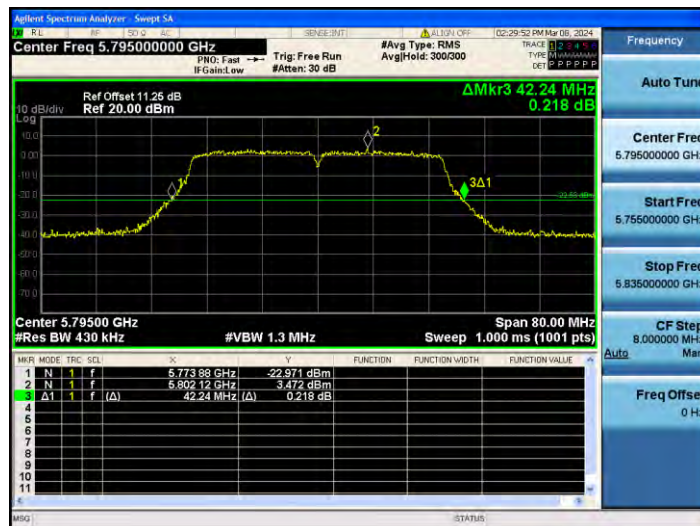
11AC40SISO_Ant1_5670



11AC40SISO_Ant1_5755



11AC40SISO_Ant1_5795



11AX20SISO_Ant1_5180



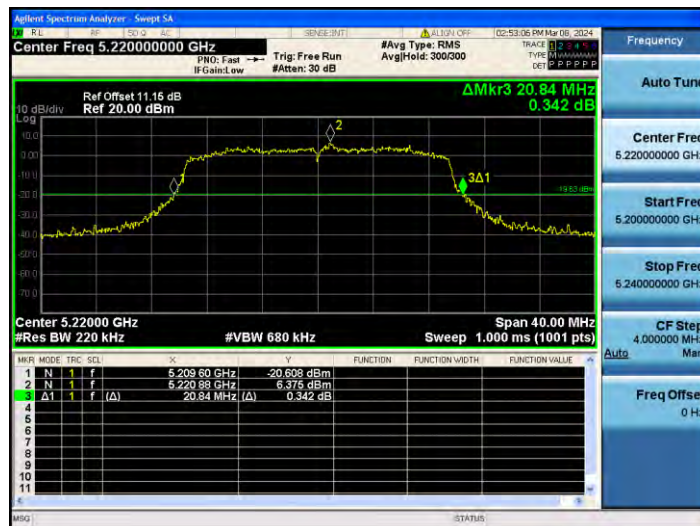
SGS-CSTC Standards Technical Services (Shanghai) Co., Ltd.

Report No.: SHCR240100007004

Page: 31 of 242



11AX20SISO_Ant1_5220



11AX20SISO_Ant1_5240



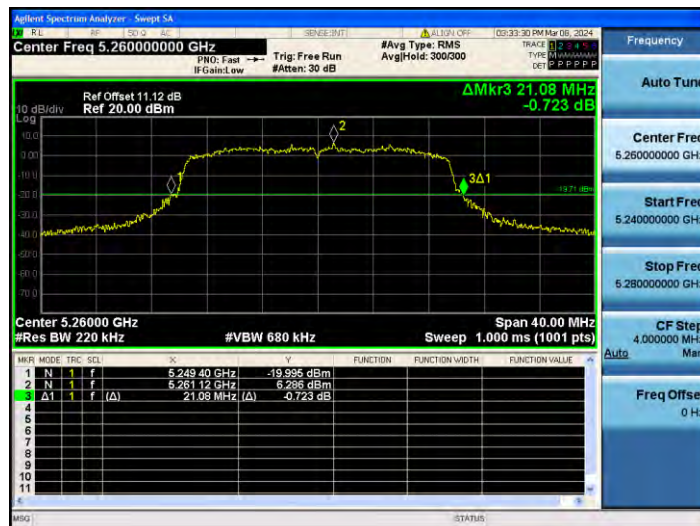
SGS-CSTC Standards Technical Services (Shanghai) Co., Ltd.

Report No.: SHCR240100007004

Page: 32 of 242



11AX20SISO_Ant1_5260



11AX20SISO_Ant1_5300



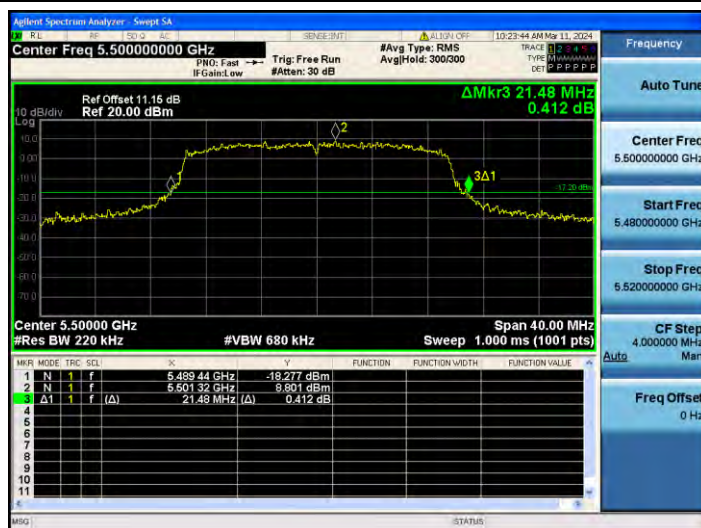
11AX20SISO_Ant1_5320



11AX20SISO_Ant1_5500

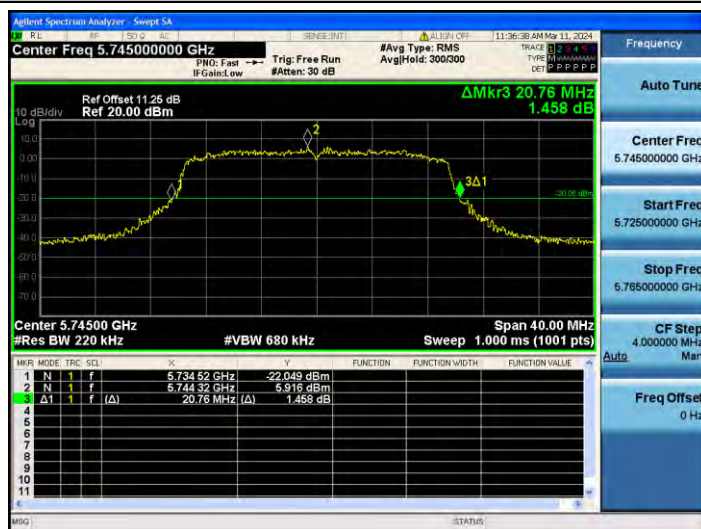


Page: 34 of 242





Page: 35 of 242

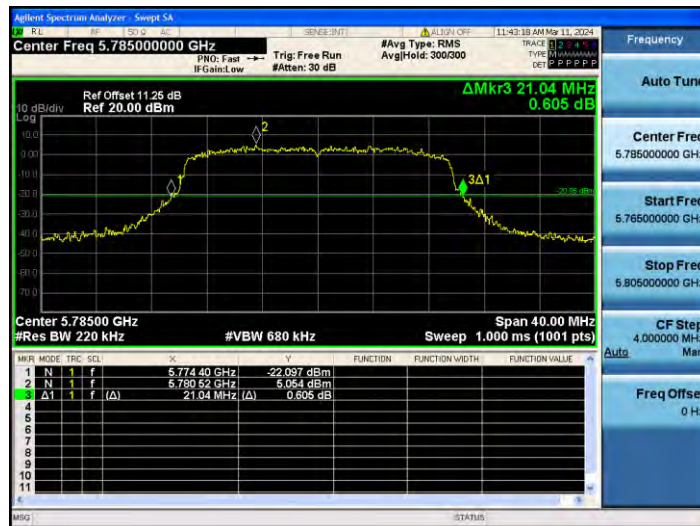




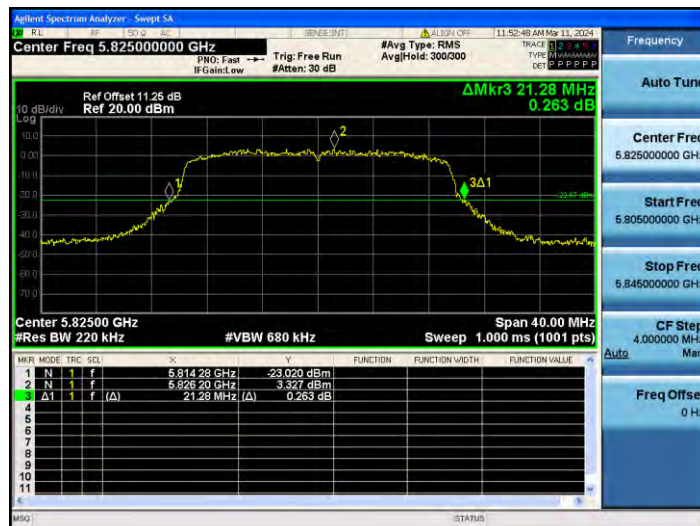
SGS-CSTC Standards Technical Services (Shanghai) Co., Ltd.

Report No.: SHCR240100007004

Page: 36 of 242



11AX20SISO_Ant1_5825



11AX40SISO_Ant1_5190



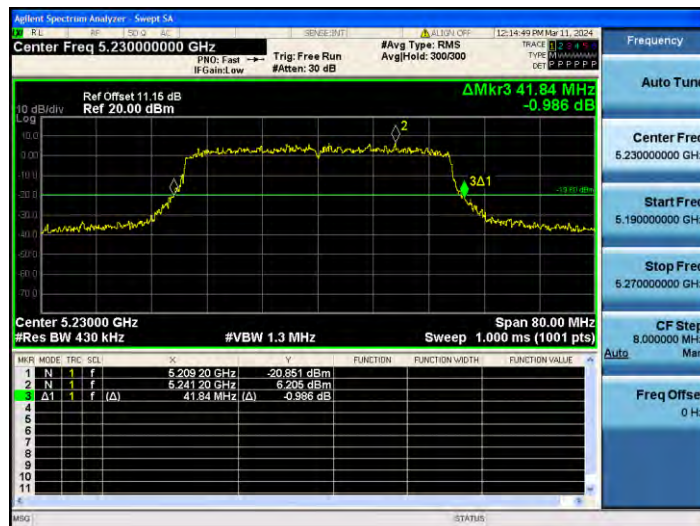
SGS-CSTC Standards Technical Services (Shanghai) Co., Ltd.

Report No.: SHCR240100007004

Page: 37 of 242



11AX40SISO_Ant1_5230



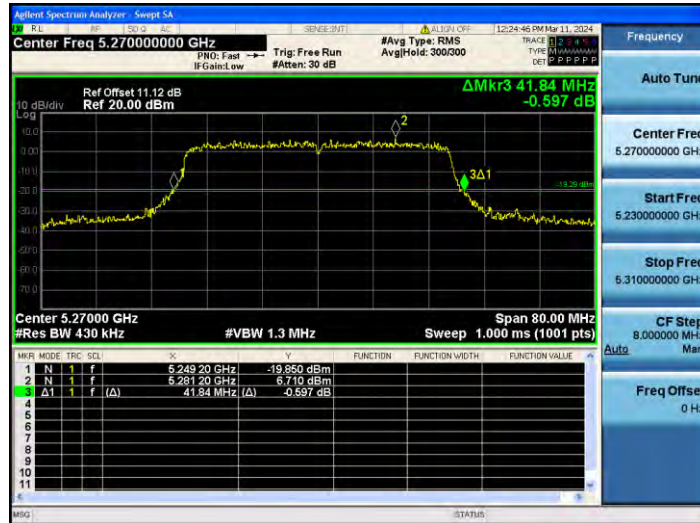
11AX40SISO_Ant1_5270



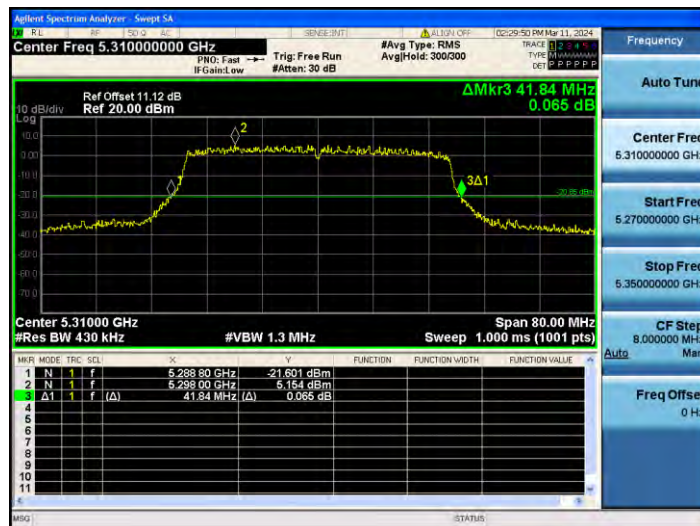
SGS-CSTC Standards Technical Services (Shanghai) Co., Ltd.

Report No.: SHCR240100007004

Page: 38 of 242



11AX40SISO_Ant1_5310



11AX40SISO_Ant1_5510



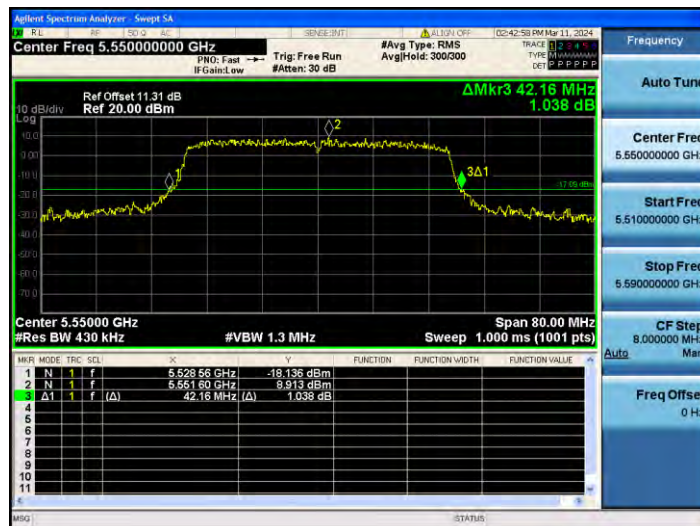
SGS-CSTC Standards Technical Services (Shanghai) Co., Ltd.

Report No.: SHCR240100007004

Page: 39 of 242



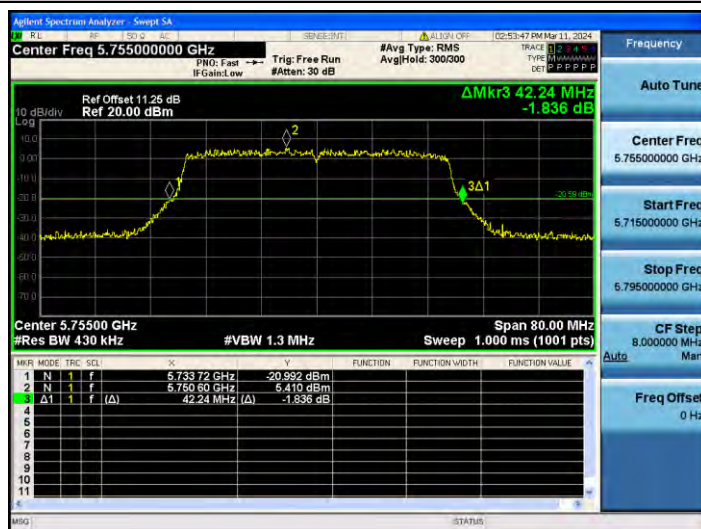
11AX40SISO_Ant1_5550

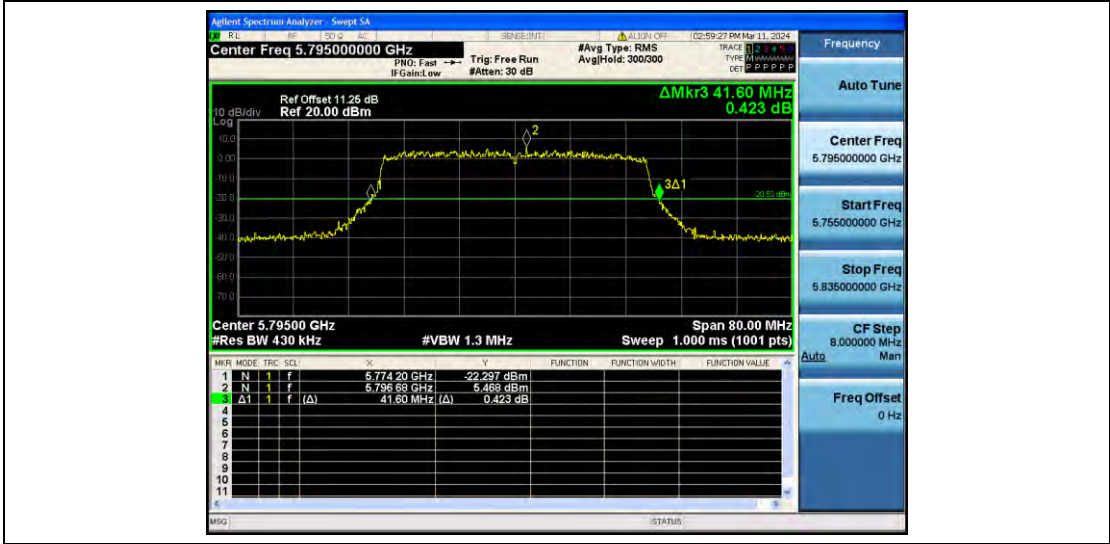


11AX40SISO_Ant1_5670



Page: 40 of 242







Appendix A2: Occupied channel bandwidth

Test Result

Test Mode	Antenna	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5180	16.714	5171.5862	5188.3002	---	---
		5220	16.678	5211.6544	5228.3324	---	---
		5240	16.687	5231.6315	5248.3185	---	---
		5260	16.660	5251.6664	5268.3264	---	---
		5300	16.657	5291.6347	5308.2917	---	---
		5320	16.703	5311.5615	5328.2645	---	---
		5500	16.779	5491.5910	5508.3700	---	---
		5580	16.712	5571.5863	5588.2983	---	---
		5700	16.712	5691.5842	5708.2962	---	---
		5745	16.712	5736.6172	5753.3292	---	---
		5785	16.643	5776.6315	5793.2745	---	---
		5825	16.708	5816.5990	5833.3070	---	---
11N20SISO	Ant1	5180	17.728	5171.0899	5188.8179	---	---
		5220	17.670	5211.1611	5228.8311	---	---
		5240	17.696	5231.1301	5248.8261	---	---
		5260	17.710	5251.1280	5268.8380	---	---
		5300	17.660	5291.1433	5308.8033	---	---
		5320	17.678	5311.0958	5328.7738	---	---
		5500	17.750	5491.0893	5508.8393	---	---
		5580	17.754	5571.1066	5588.8606	---	---
		5700	17.709	5691.1291	5708.8381	---	---
		5745	17.676	5736.1281	5753.8041	---	---
		5785	17.694	5776.1293	5793.8233	---	---
		5825	17.681	5816.1263	5833.8073	---	---
11N40SISO	Ant1	5190	36.714	5171.5484	5208.2624	---	---
		5230	36.626	5211.7483	5248.3743	---	---
		5270	36.762	5251.6079	5288.3699	---	---
		5310	36.639	5291.5665	5328.2055	---	---
		5510	36.866	5491.5707	5528.4367	---	---
		5550	36.794	5531.4661	5568.2601	---	---
		5670	36.721	5651.5828	5688.3038	---	---
		5755	36.728	5736.5965	5773.3245	---	---
		5795	36.683	5776.5538	5813.2368	---	---
11AC20SISO	Ant1	5180	17.711	5171.1089	5188.8199	---	---
		5220	17.698	5211.1892	5228.8872	---	---



		5240	17.696	5231.1392	5248.8352	---	---
		5260	17.754	5251.1329	5268.8869	---	---
		5300	17.707	5291.1548	5308.8618	---	---
		5320	17.714	5311.1083	5328.8223	---	---
		5500	17.759	5491.1264	5508.8854	---	---
		5580	17.790	5571.0867	5588.8767	---	---
		5700	17.709	5691.1260	5708.8350	---	---
		5745	17.706	5736.1306	5753.8366	---	---
		5785	17.674	5776.1465	5793.8205	---	---
		5825	17.680	5816.1267	5833.8067	---	---
11AC40SISO	Ant1	5190	36.752	5171.5757	5208.3277	---	---
		5230	36.573	5211.7593	5248.3323	---	---
		5270	36.723	5251.6896	5288.4126	---	---
		5310	36.634	5291.6308	5328.2648	---	---
		5510	36.690	5491.7176	5528.4076	---	---
		5550	36.775	5531.5201	5568.2951	---	---
		5670	36.637	5651.6755	5688.3125	---	---
		5755	36.655	5736.6343	5773.2893	---	---
		5795	36.692	5776.6036	5813.2956	---	---
11AX20SISO	Ant1	5180	18.780	5170.5951	5189.3751	---	---
		5220	18.742	5210.6320	5229.3740	---	---
		5240	18.773	5230.6186	5249.3916	---	---
		5260	18.792	5250.5967	5269.3887	---	---
		5300	18.734	5290.6227	5309.3567	---	---
		5320	18.774	5310.5877	5329.3617	---	---
		5500	18.762	5490.6052	5509.3672	---	---
		5580	18.735	5570.6074	5589.3424	---	---
		5700	18.759	5690.6096	5709.3686	---	---
		5745	18.689	5735.6304	5754.3194	---	---
		5785	18.735	5775.5916	5794.3266	---	---
		5825	18.773	5815.5838	5834.3568	---	---
11AX40SISO	Ant1	5190	37.870	5171.0121	5208.8821	---	---
		5230	37.805	5211.0925	5248.8975	---	---
		5270	37.745	5251.1412	5288.8862	---	---
		5310	37.727	5291.0700	5328.7970	---	---
		5510	37.916	5491.0608	5528.9768	---	---
		5550	37.827	5530.9699	5568.7969	---	---
		5670	37.735	5651.1278	5688.8628	---	---

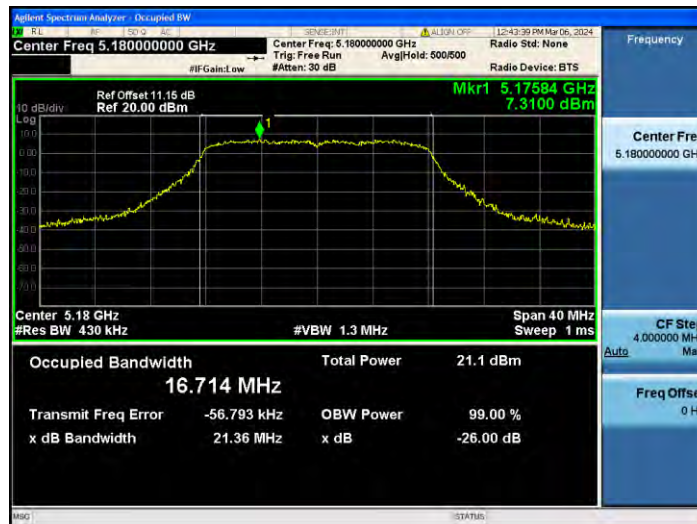


		5755	37.823	5736.0481	5773.8711	---	---
		5795	37.770	5776.0438	5813.8138	---	---



Test Graphs

11A_Ant1_5180



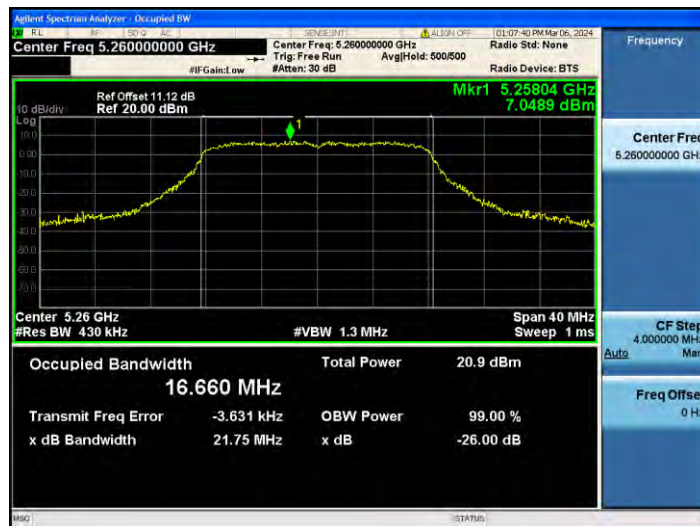
11A_Ant1_5220



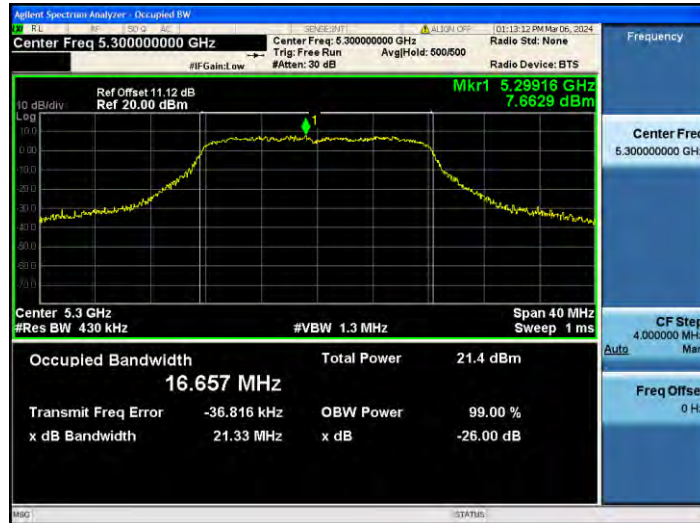
11A_Ant1_5240



11A_Ant1_5260



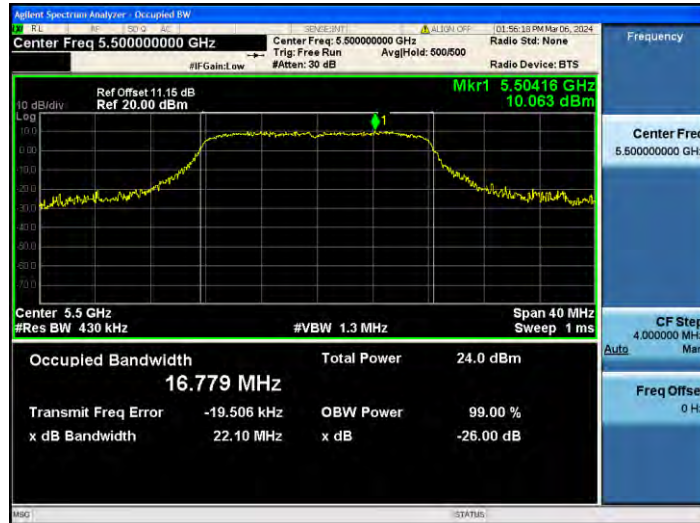
11A_Ant1_5300



11A_Ant1_5320



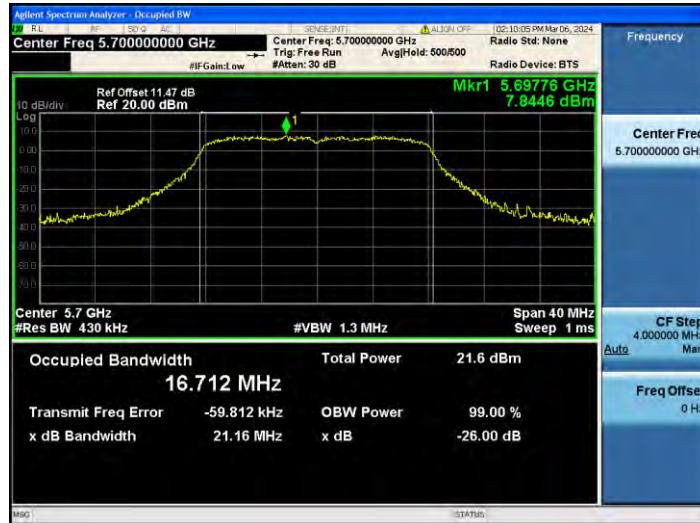
11A_Ant1_5500



11A_Ant1_5580



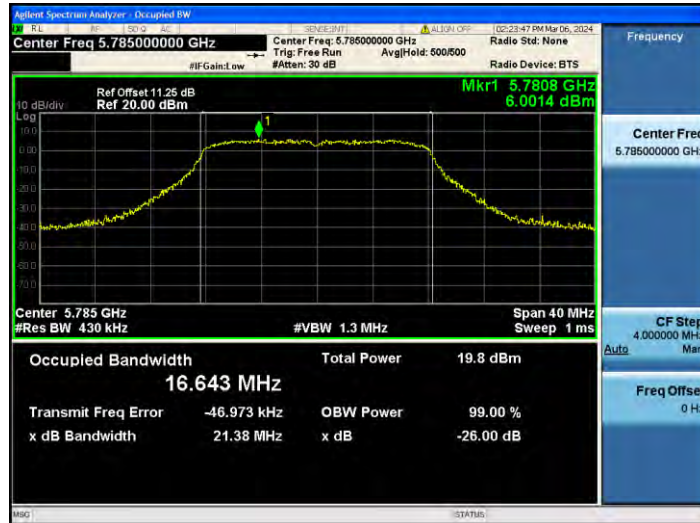
11A_Ant1_5700



11A_Ant1_5745



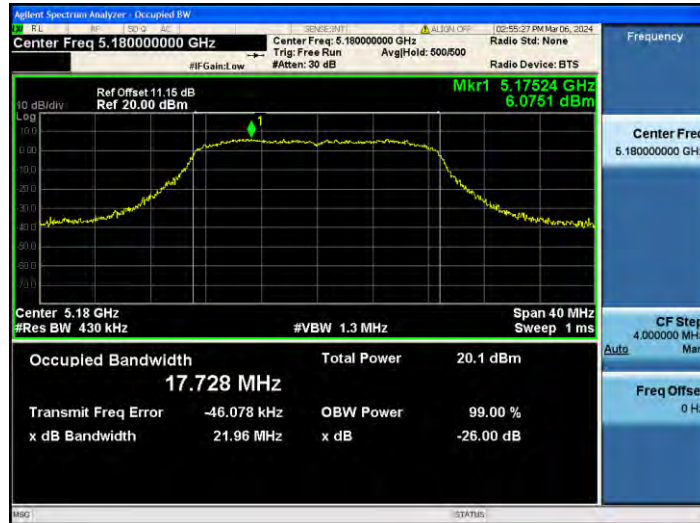
11A_Ant1_5785



11A_Ant1_5825



11N20SISO_Ant1_5180



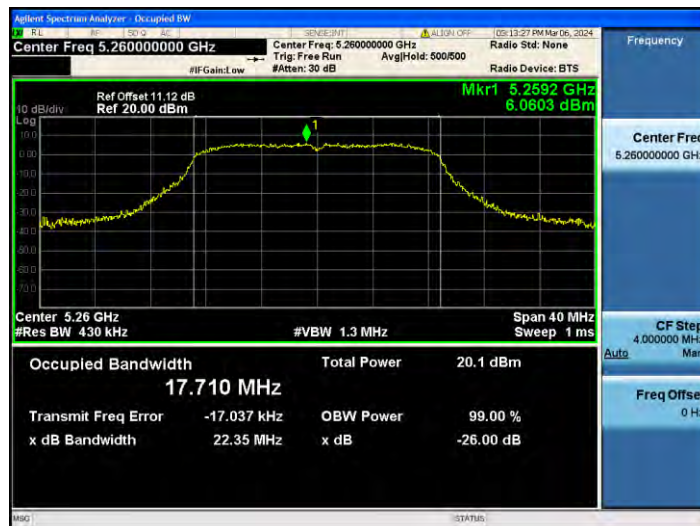
11N20SISO_Ant1_5220



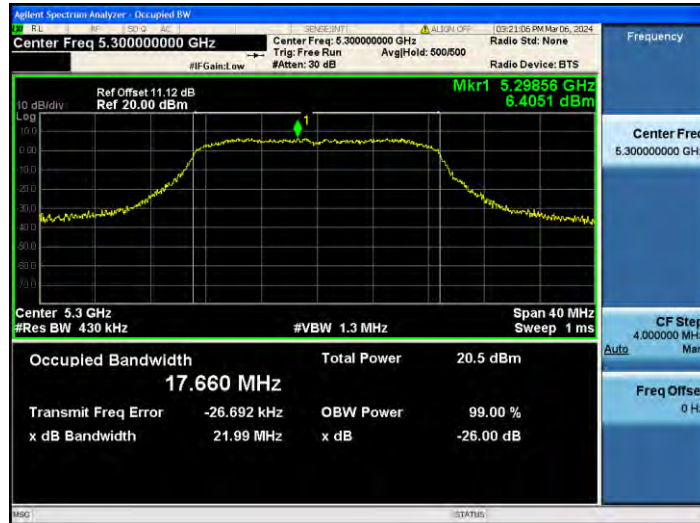
11N20SISO_Ant1_5240



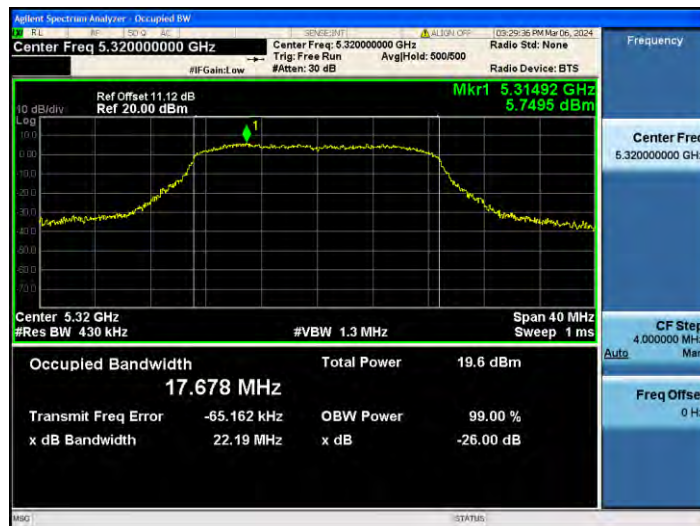
11N20SISO_Ant1_5260



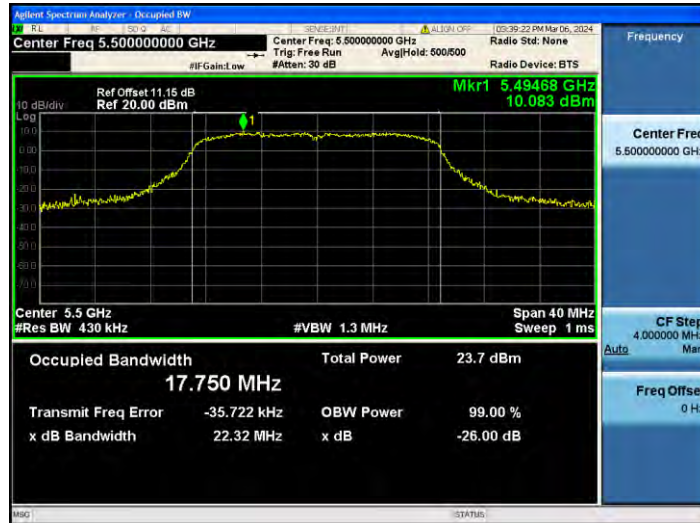
11N20SISO_Ant1_5300



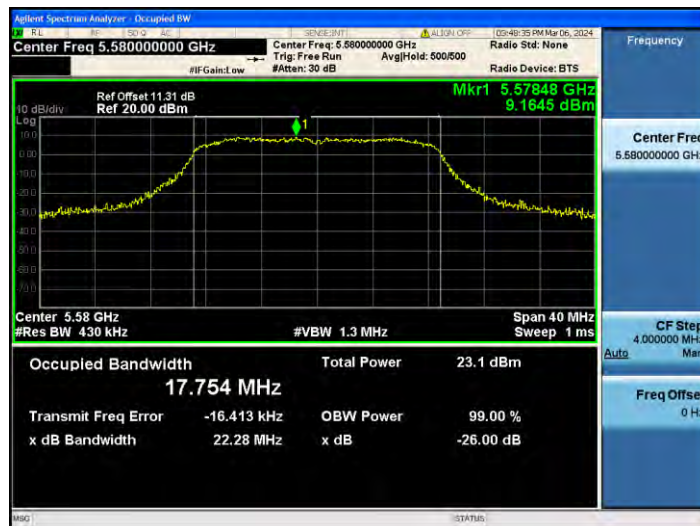
11N20SISO_Ant1_5320



11N20SISO_Ant1_5500



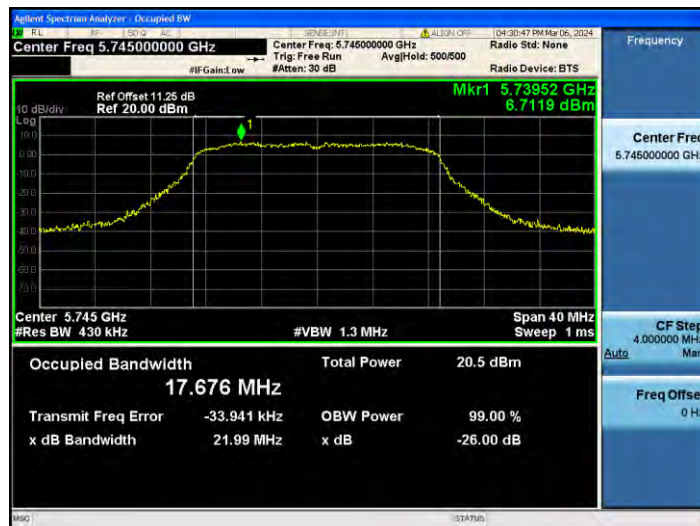
11N20SISO_Ant1_5580



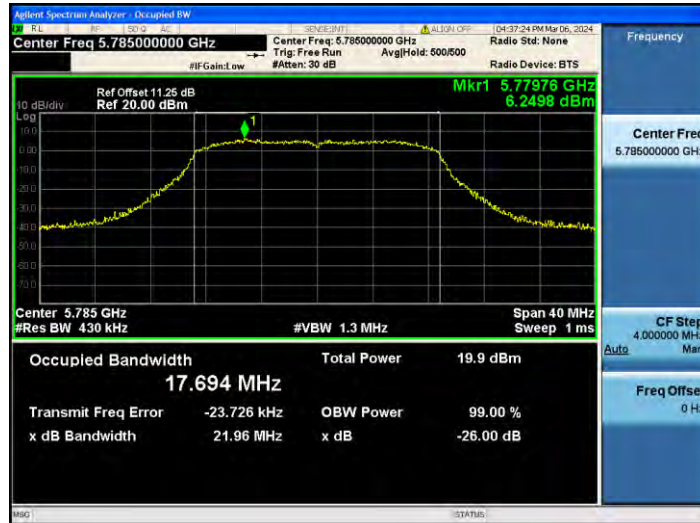
11N20SISO_Ant1_5700



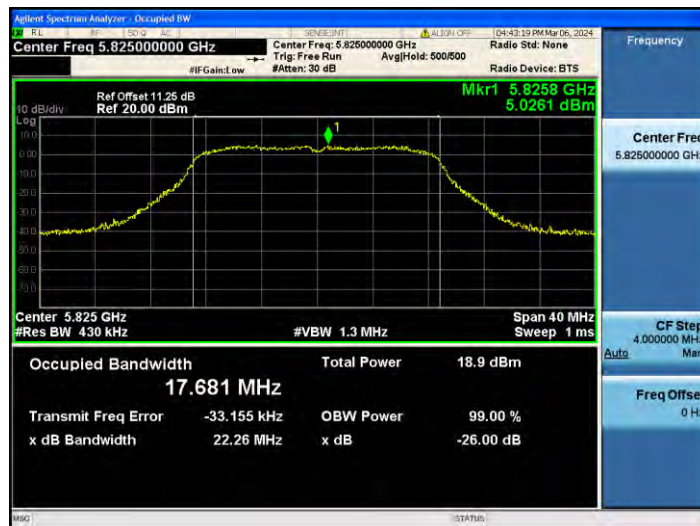
11N20SISO_Ant1_5745



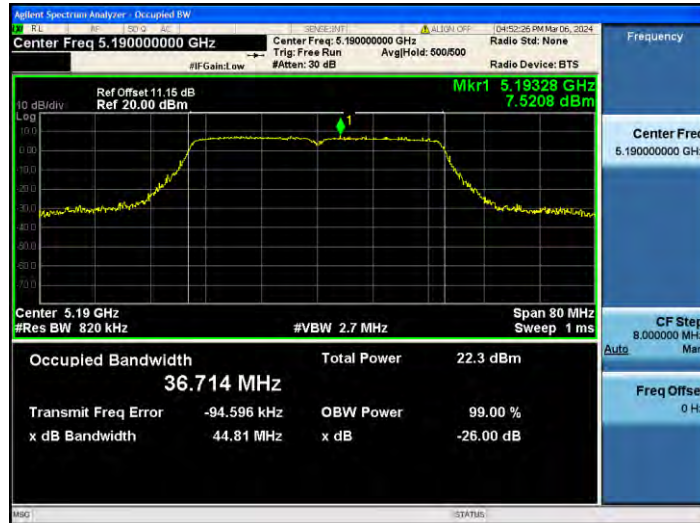
11N20SISO_Ant1_5785



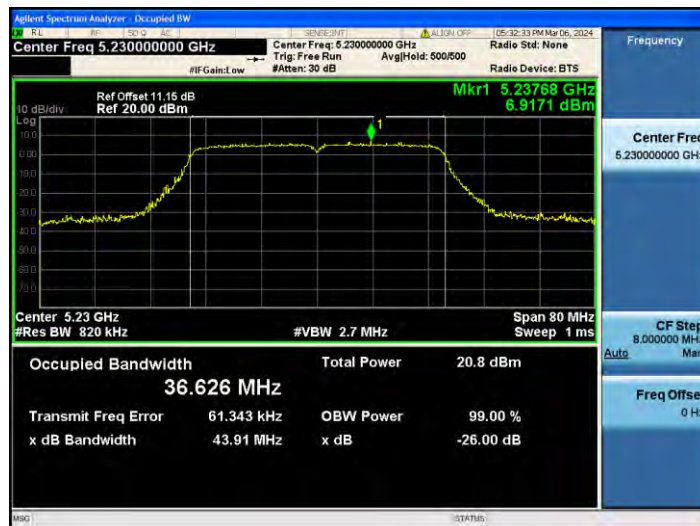
11N20SISO_Ant1_5825



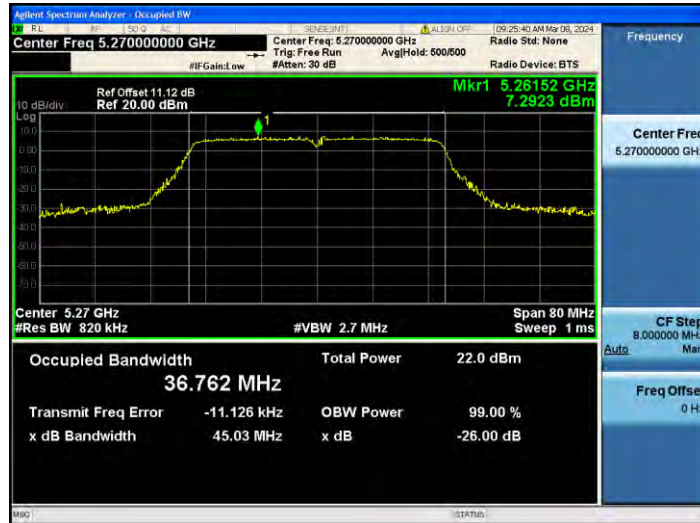
11N40SISO_Ant1_5190



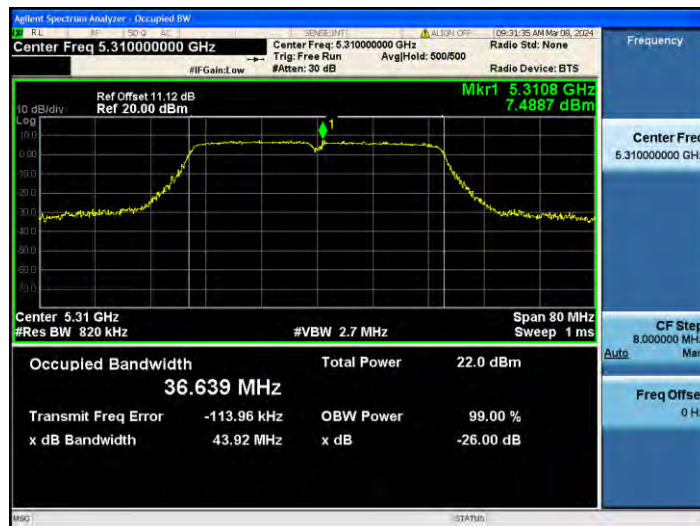
11N40SISO_Ant1_5230



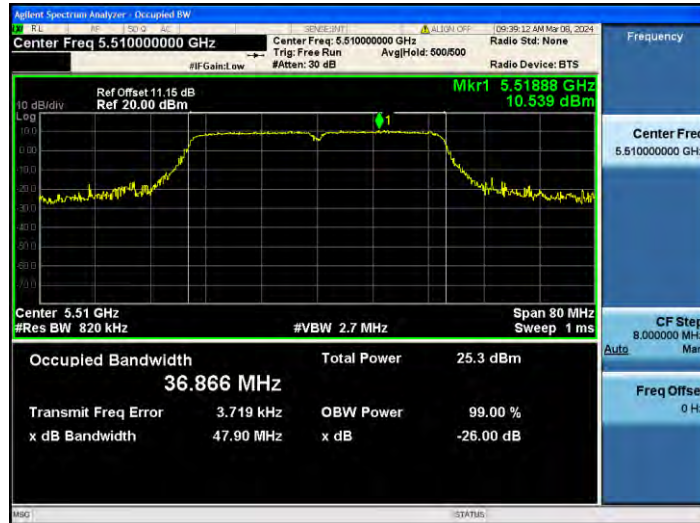
11N40SISO_Ant1_5270



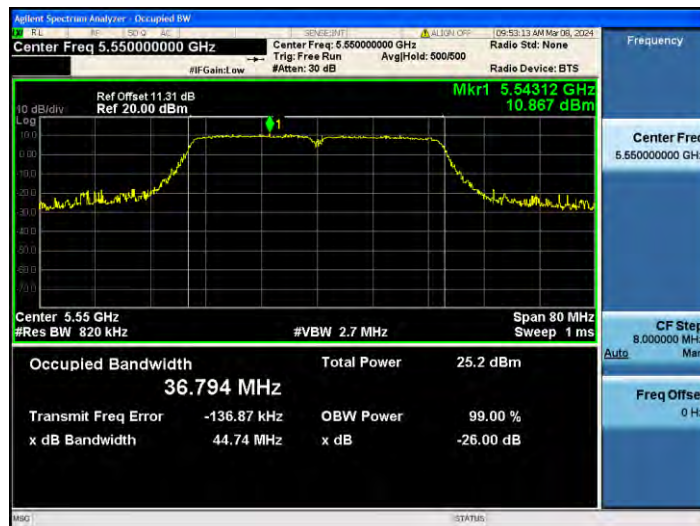
11N40SISO_Ant1_5310



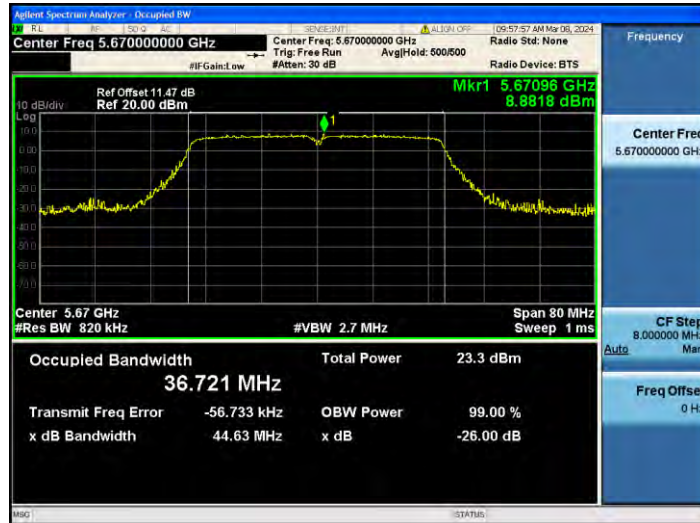
11N40SISO_Ant1_5510



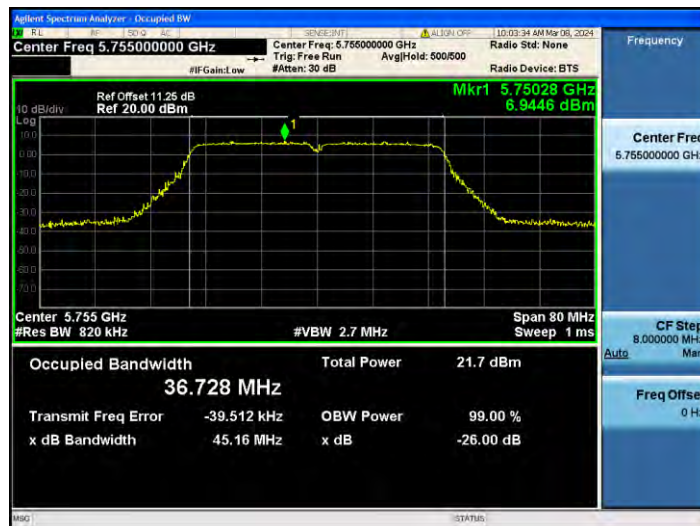
11N40SISO_Ant1_5550



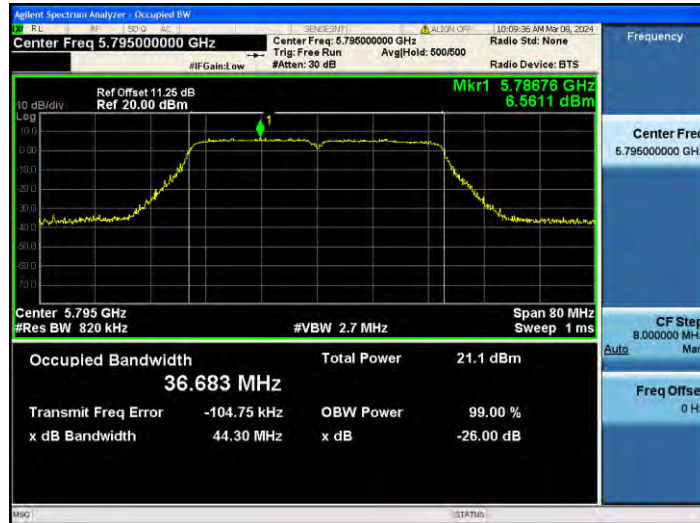
11N40SISO_Ant1_5670



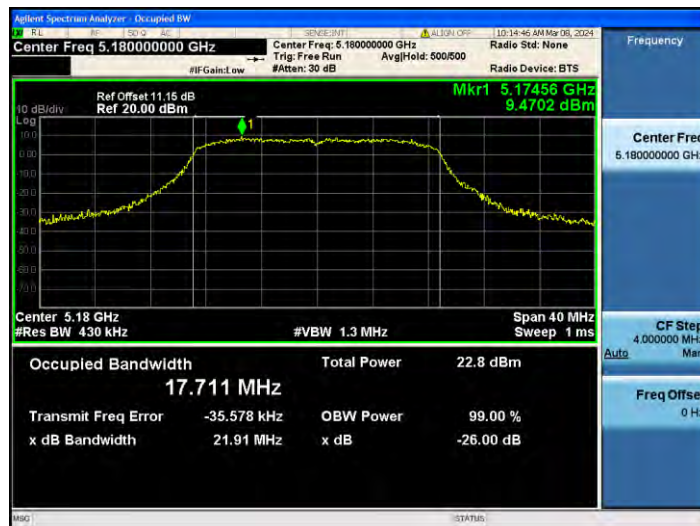
11N40SISO_Ant1_5755



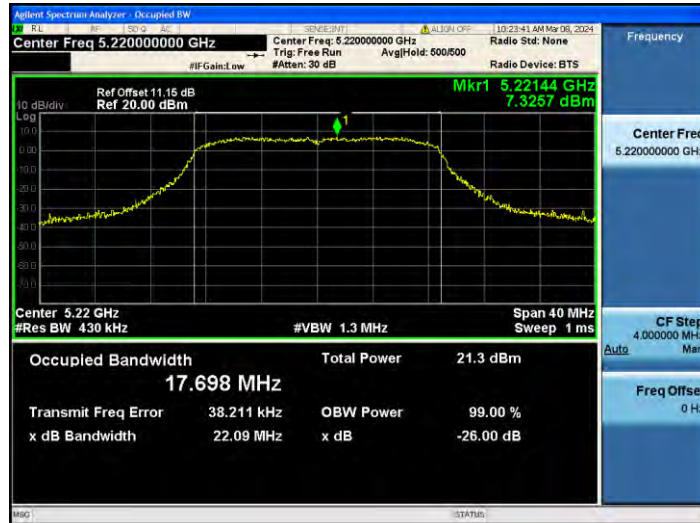
11N40SISO_Ant1_5795



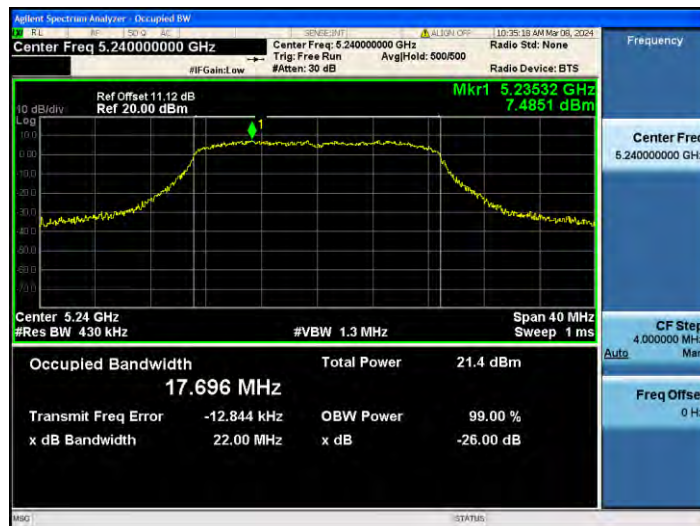
11AC20SISO_Ant1_5180



11AC20SISO_Ant1_5220



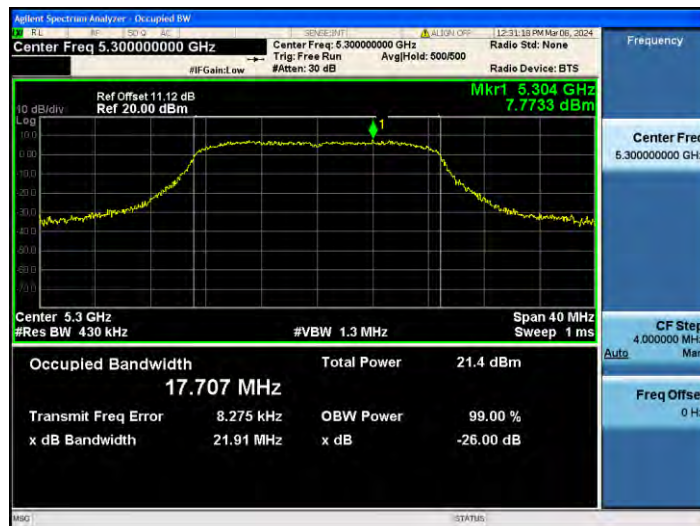
11AC20SISO_Ant1_5240



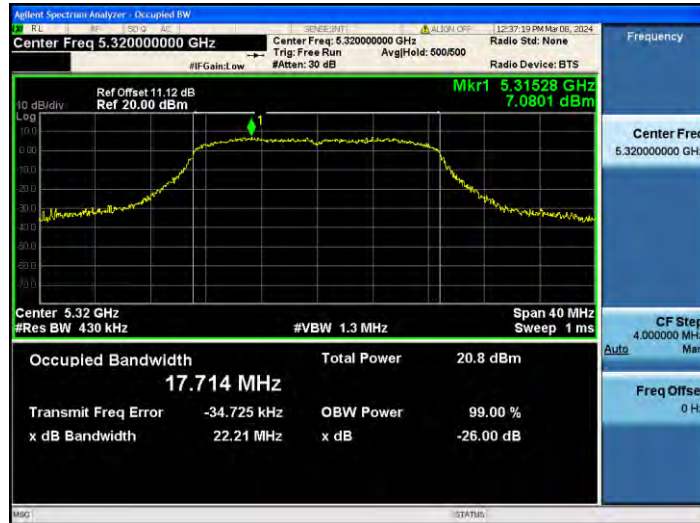
11AC20SISO_Ant1_5260



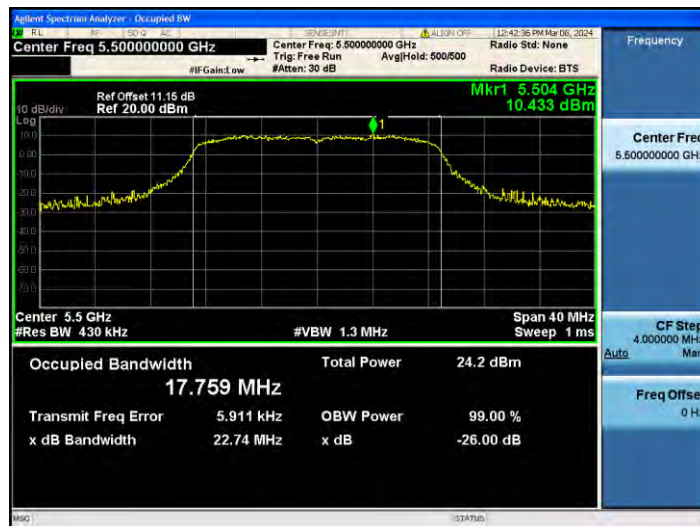
11AC20SISO_Ant1_5300



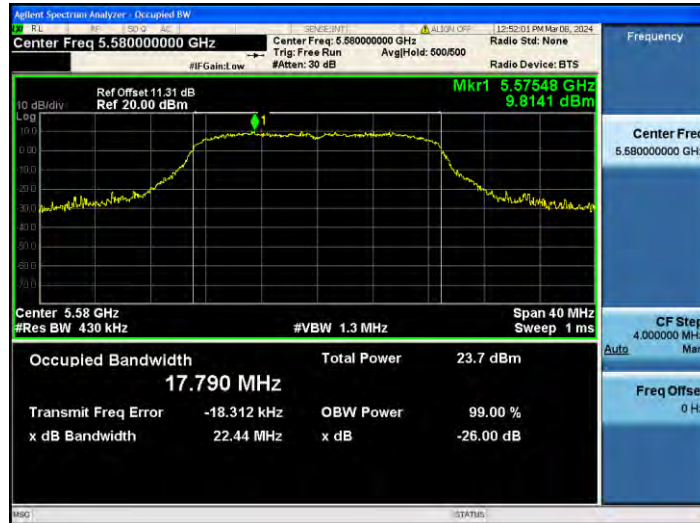
11AC20SISO_Ant1_5320



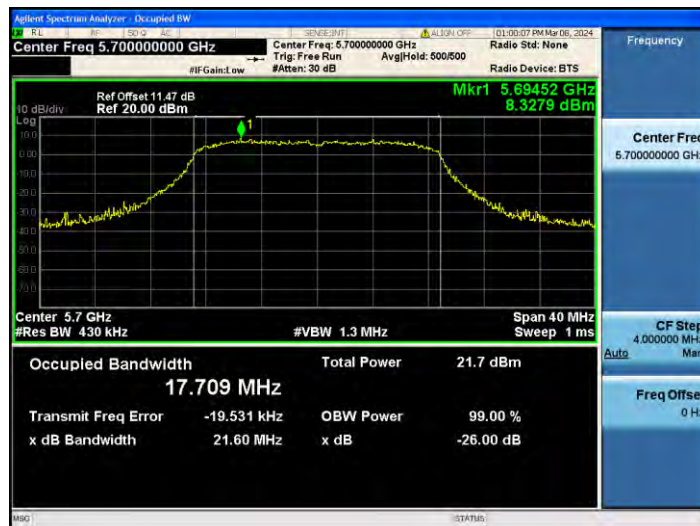
11AC20SISO_Ant1_5500



11AC20SISO_Ant1_5580



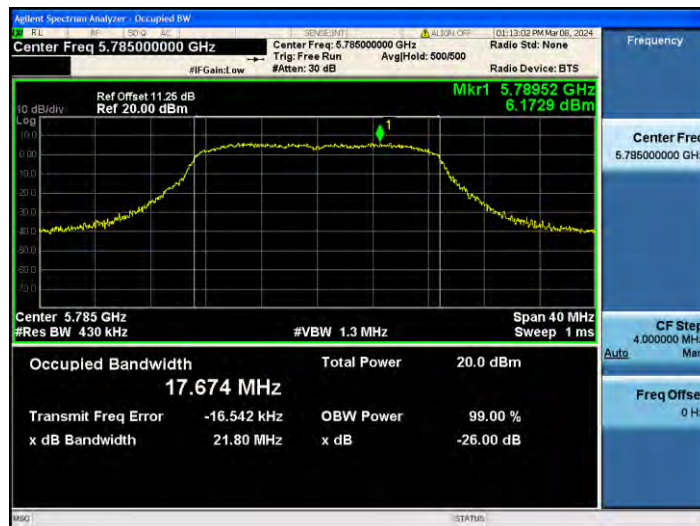
11AC20SISO_Ant1_5700



11AC20SISO_Ant1_5745



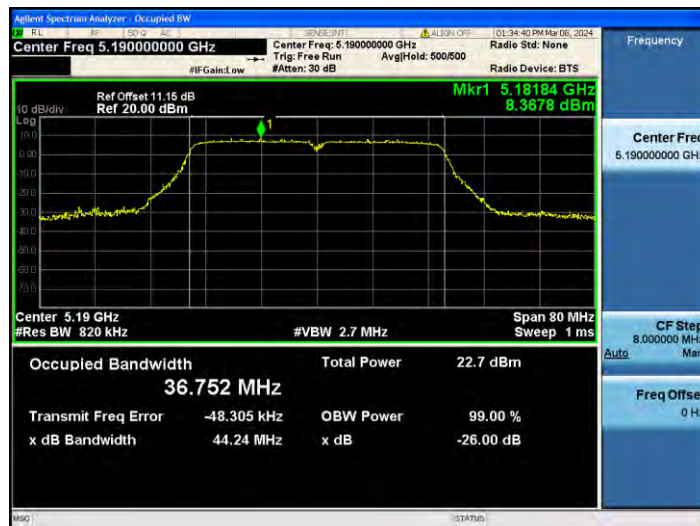
11AC20SISO_Ant1_5785



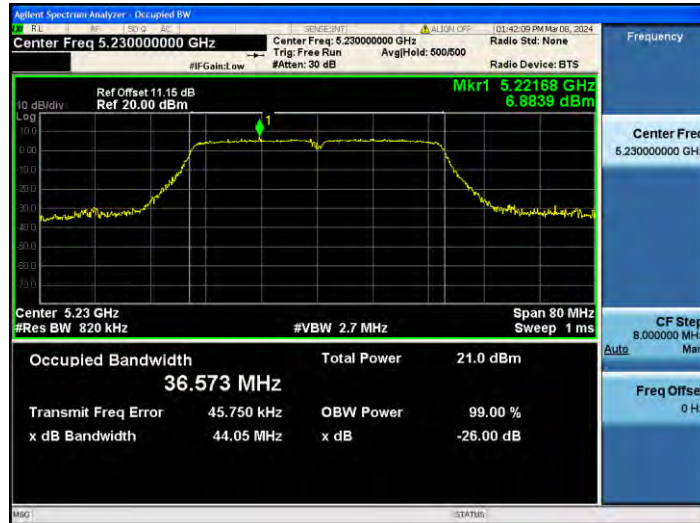
11AC20SISO_Ant1_5825



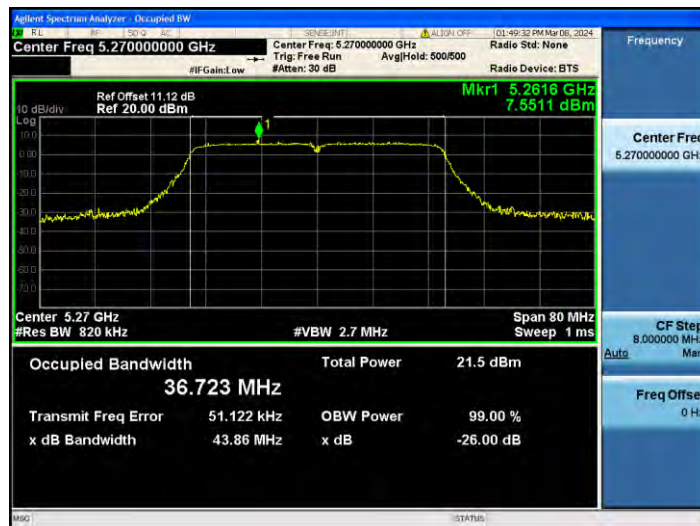
11AC40SISO_Ant1_5190



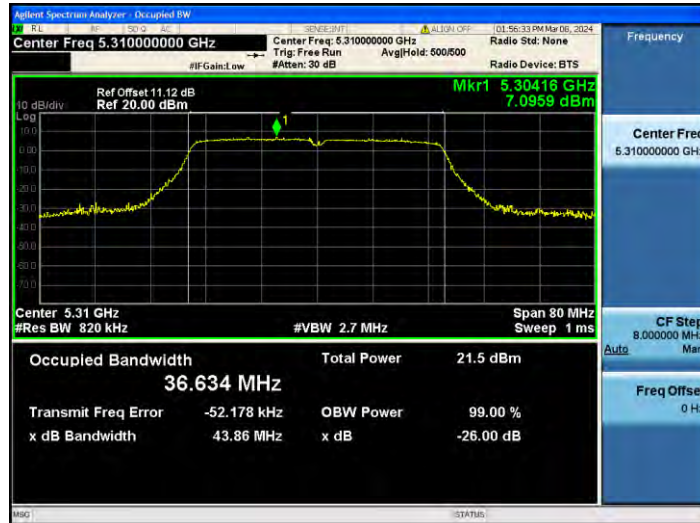
11AC40SISO_Ant1_5230



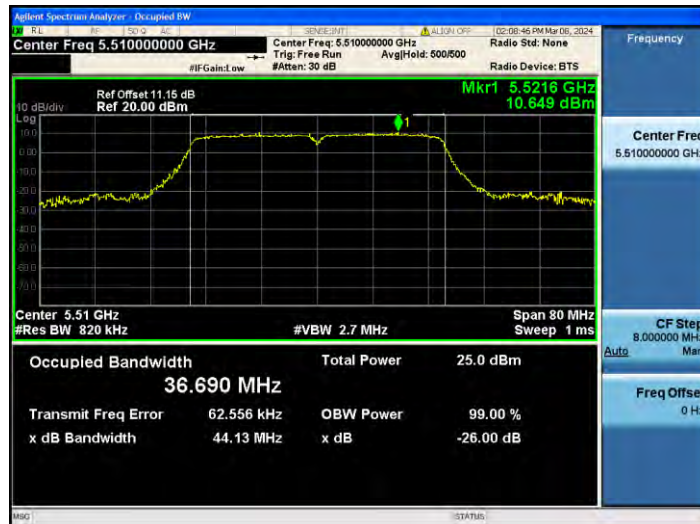
11AC40SISO_Ant1_5270



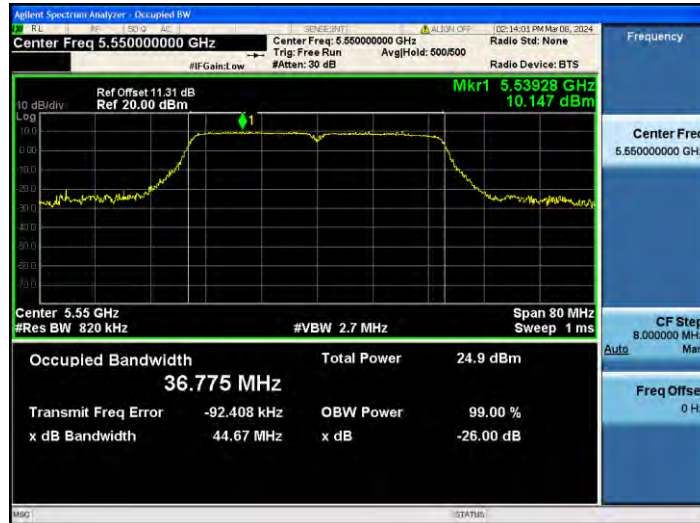
11AC40SISO_Ant1_5310



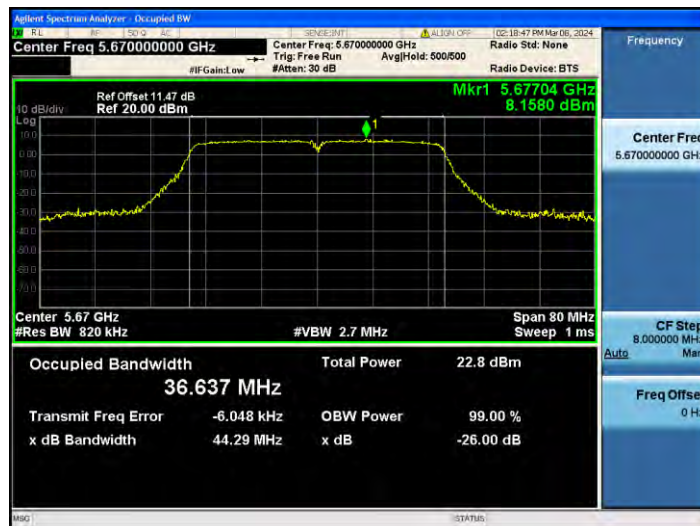
11AC40SISO_Ant1_5510



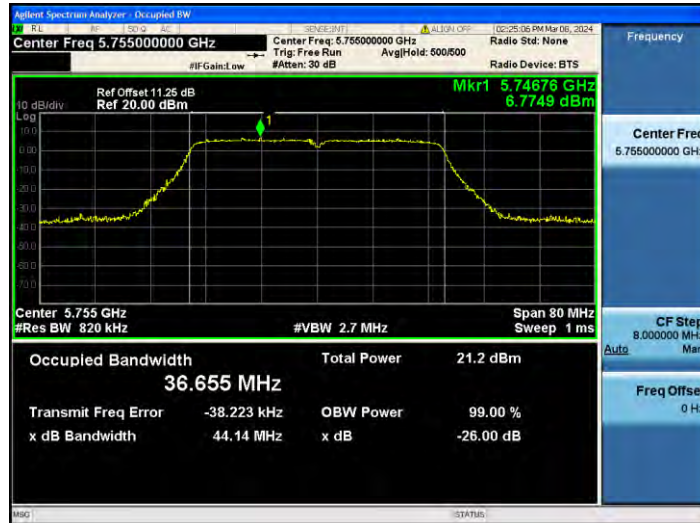
11AC40SISO_Ant1_5550



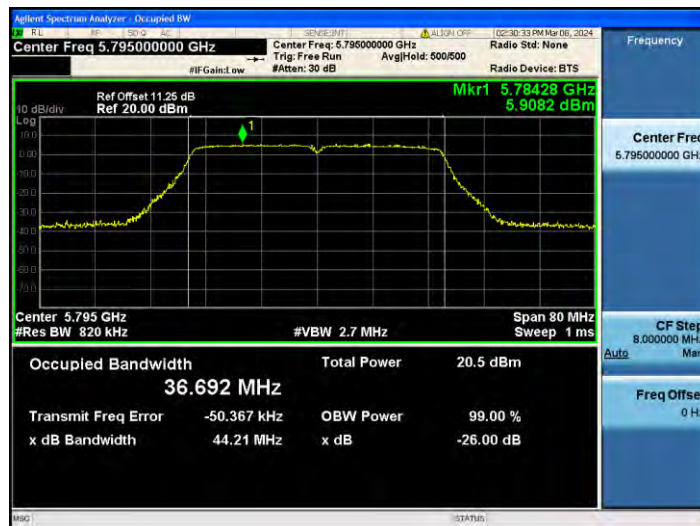
11AC40SISO_Ant1_5670



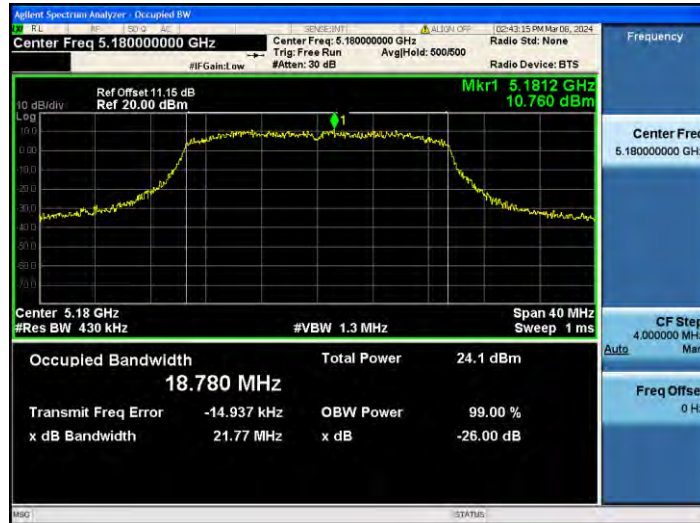
11AC40SISO_Ant1_5755



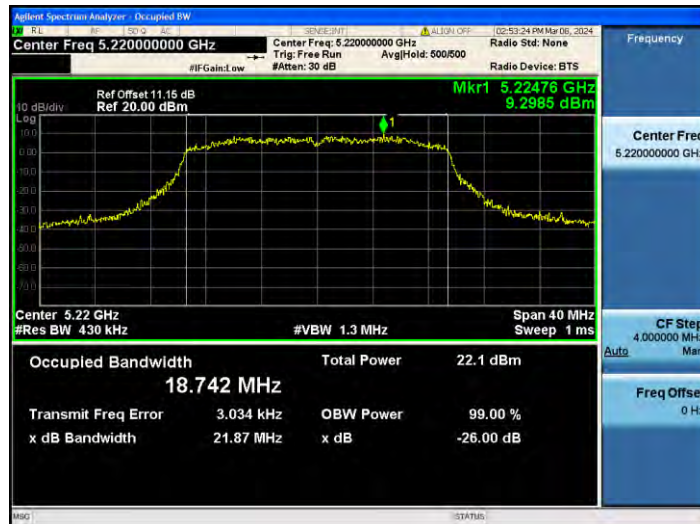
11AC40SISO_Ant1_5795



11AX20SISO_Ant1_5180



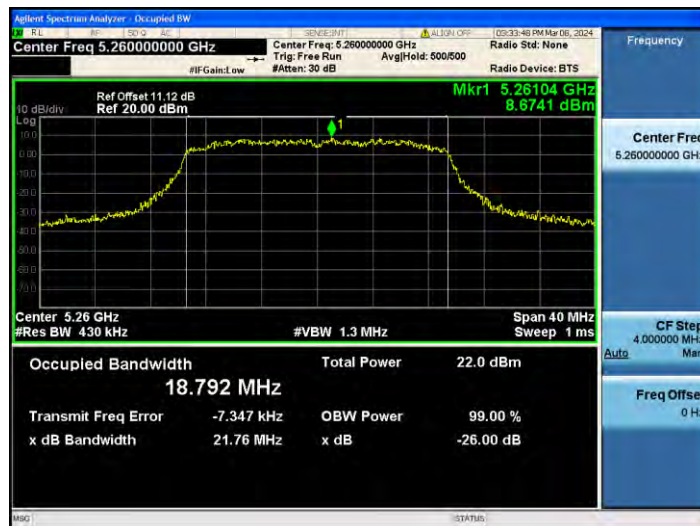
11AX20SISO_Ant1_5220



11AX20SISO_Ant1_5240



11AX20SISO_Ant1_5260



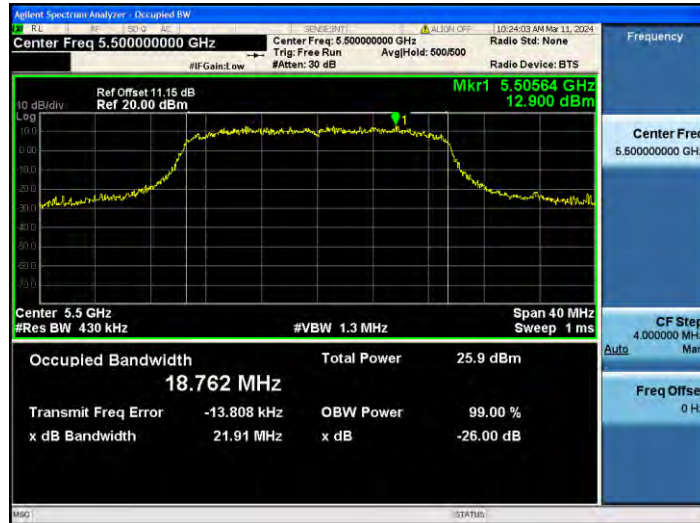
11AX20SISO_Ant1_5300



11AX20SISO_Ant1_5320



11AX20SISO_Ant1_5500



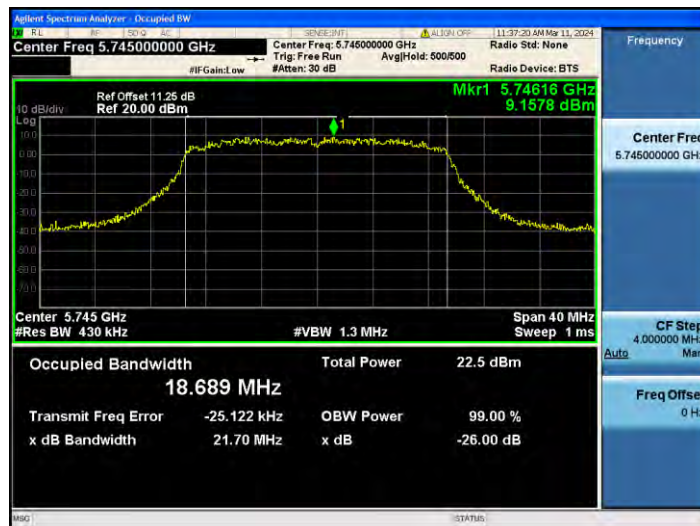
11AX20SISO_Ant1_5580



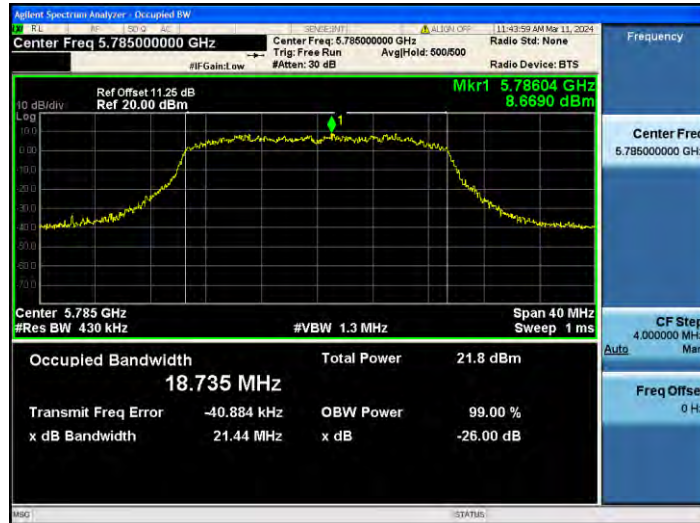
11AX20SISO_Ant1_5700



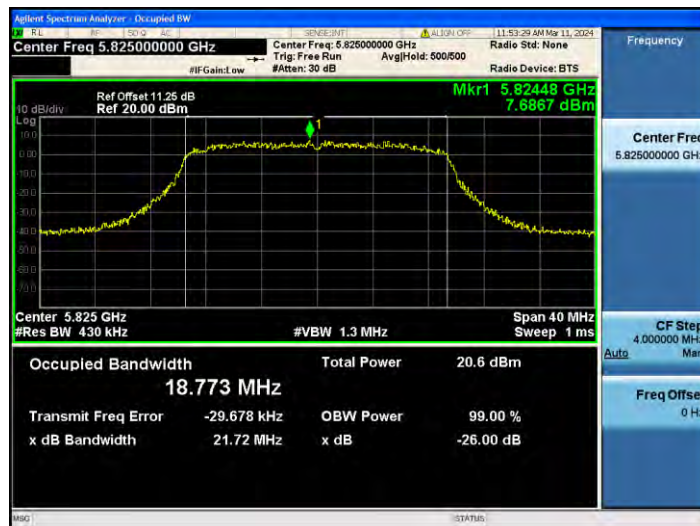
11AX20SISO_Ant1_5745



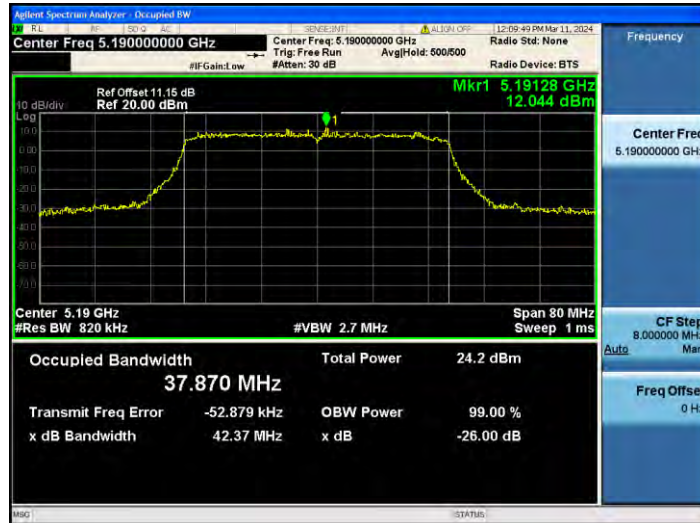
11AX20SISO_Ant1_5785



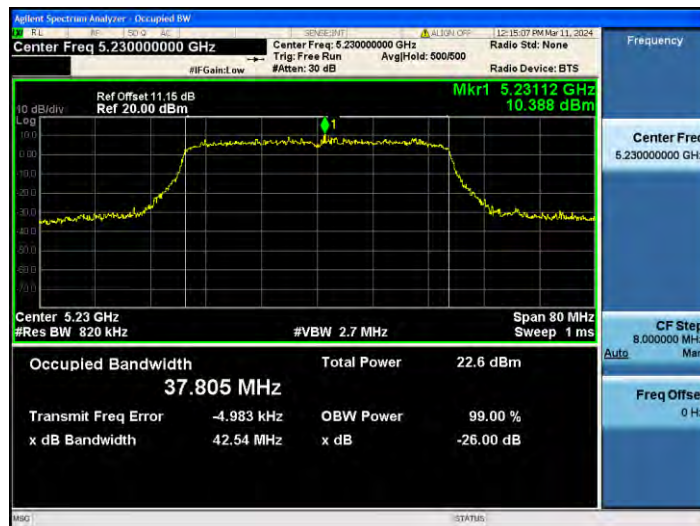
11AX20SISO_Ant1_5825



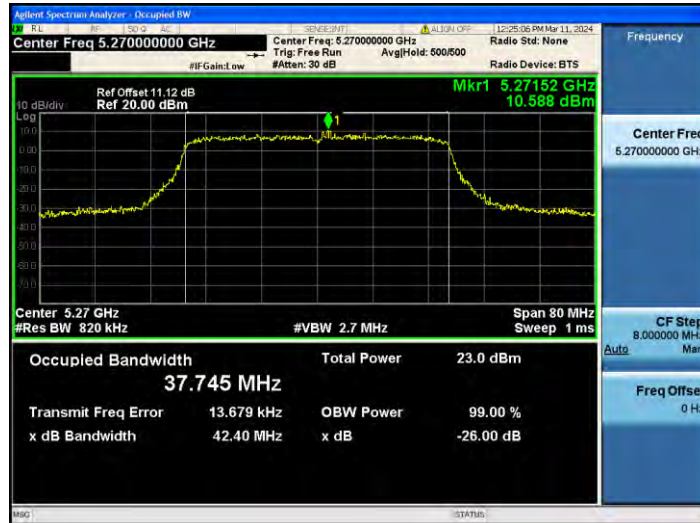
11AX40SISO_Ant1_5190



11AX40SISO_Ant1_5230



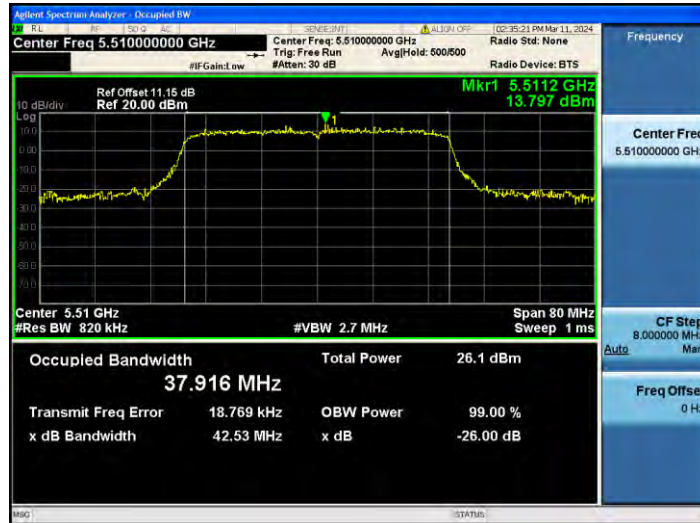
11AX40SISO_Ant1_5270



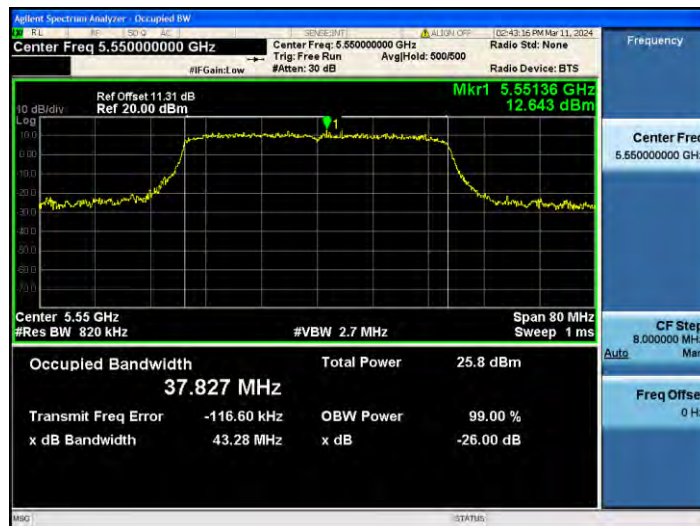
11AX40SISO_Ant1_5310



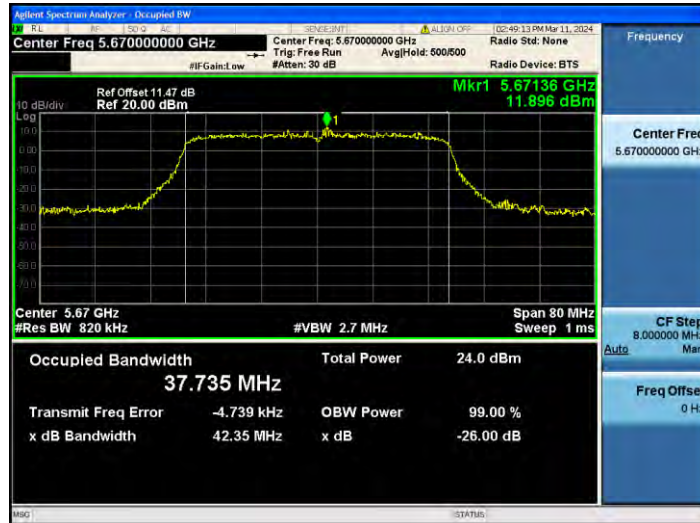
11AX40SISO_Ant1_5510



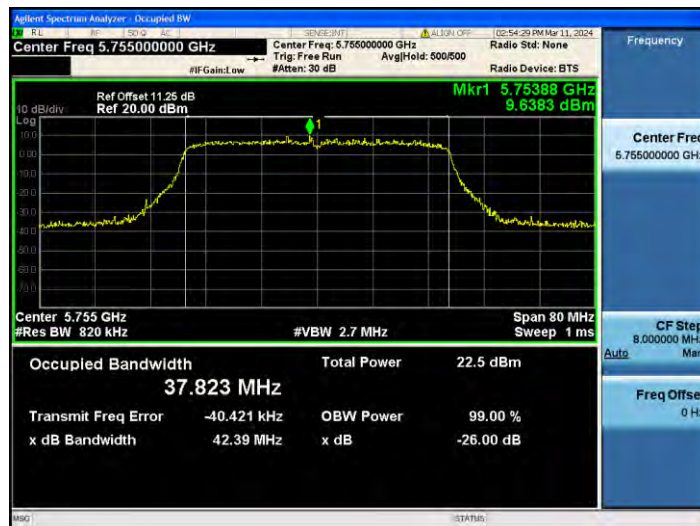
11AX40SISO_Ant1_5550



11AX40SISO_Ant1_5670



11AX40SISO_Ant1_5755



11AX40SISO_Ant1_5795

