

Appendix: 5G WIFI

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Appendix A1: Emission Bandwidth

Test Result

Test Mode	Antenna	Channel	26db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5180	20.480	5169.640	5190.120	---	PASS
	Ant1	5200	20.560	5189.680	5210.240	---	PASS
	Ant1	5240	20.720	5229.560	5250.280	---	PASS
	Ant1	5745	20.320	5734.720	5755.040	---	PASS
	Ant1	5785	20.200	5774.880	5795.080	---	PASS
	Ant1	5825	20.520	5814.680	5835.200	---	PASS
11N20SISO	Ant1	5180	20.520	5169.840	5190.360	---	PASS
	Ant1	5200	21.320	5189.080	5210.400	---	PASS
	Ant1	5240	21.200	5229.440	5250.640	---	PASS
	Ant1	5745	20.960	5734.520	5755.480	---	PASS
	Ant1	5785	21.320	5774.240	5795.560	---	PASS
	Ant1	5825	20.840	5814.480	5835.320	---	PASS
11N40SISO	Ant1	5190	43.120	5168.400	5211.520	---	PASS
	Ant1	5230	43.040	5208.480	5251.520	---	PASS
	Ant1	5755	42.960	5733.480	5776.440	---	PASS
	Ant1	5795	42.880	5773.560	5816.440	---	PASS
11AC20SISO	Ant1	5180	20.760	5169.480	5190.240	---	PASS
	Ant1	5200	21.320	5189.200	5210.520	---	PASS
	Ant1	5240	21.360	5229.160	5250.520	---	PASS
	Ant1	5745	20.760	5734.600	5755.360	---	PASS
	Ant1	5785	20.760	5774.400	5795.160	---	PASS
	Ant1	5825	21.040	5814.320	5835.360	---	PASS
11AC40SISO	Ant1	5190	42.800	5168.320	5211.120	---	PASS
	Ant1	5230	42.640	5208.480	5251.120	---	PASS
	Ant1	5755	42.800	5733.560	5776.360	---	PASS
	Ant1	5795	43.040	5773.400	5816.440	---	PASS
11AC80SISO	Ant1	5210	83.040	5168.880	5251.920	---	PASS
	Ant1	5775	83.200	5733.560	5816.760	---	PASS

Test Graphs













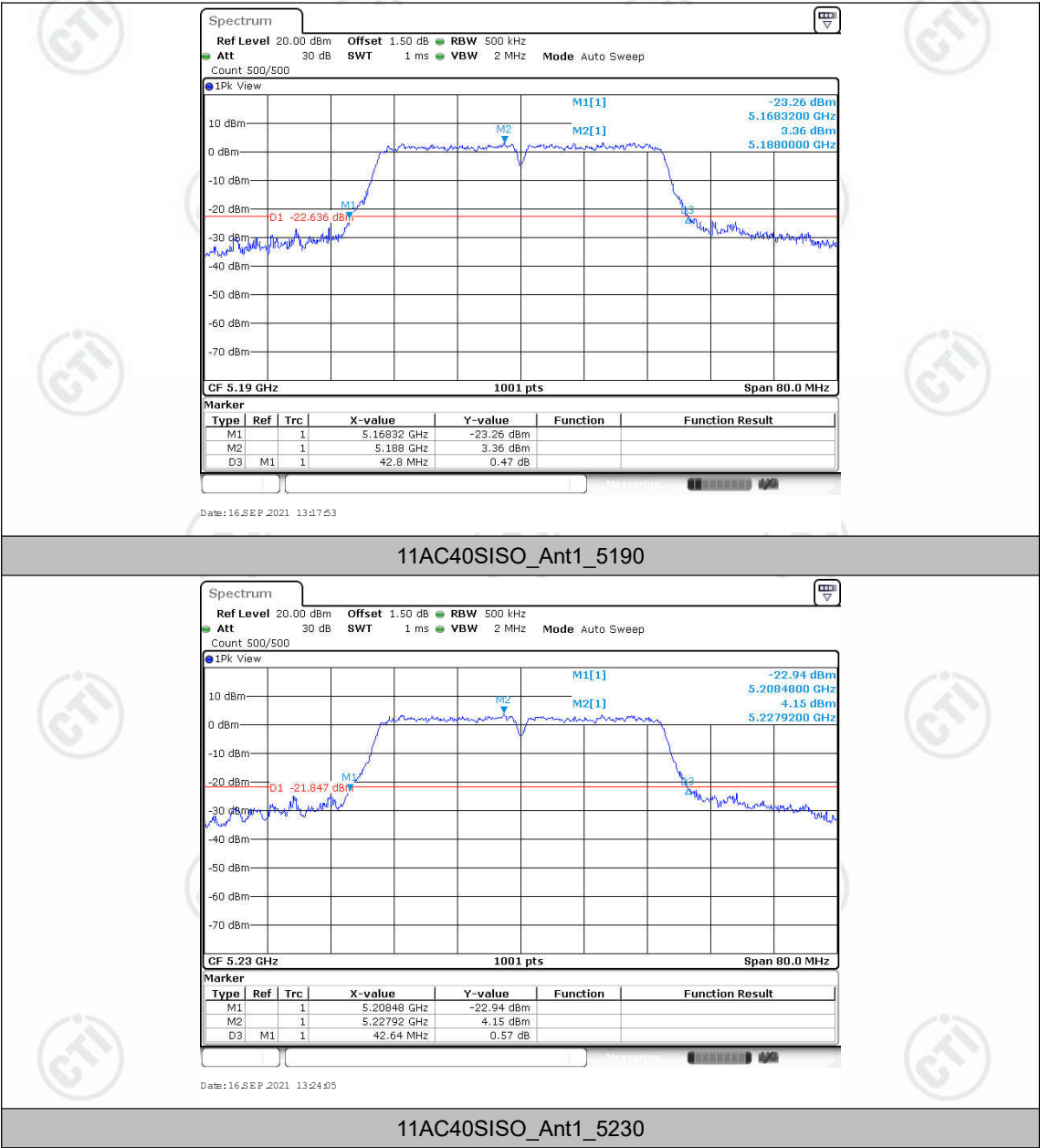




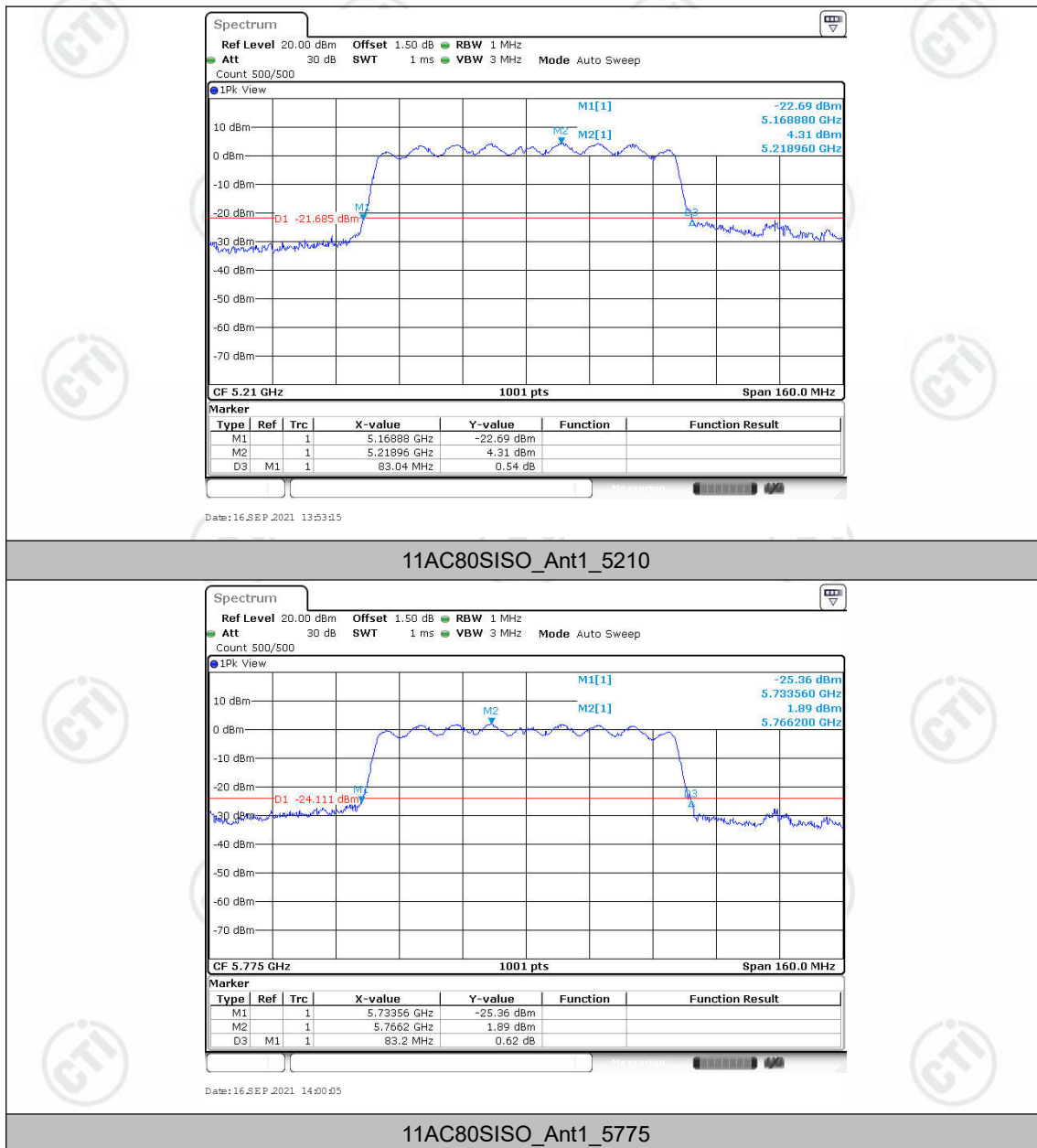












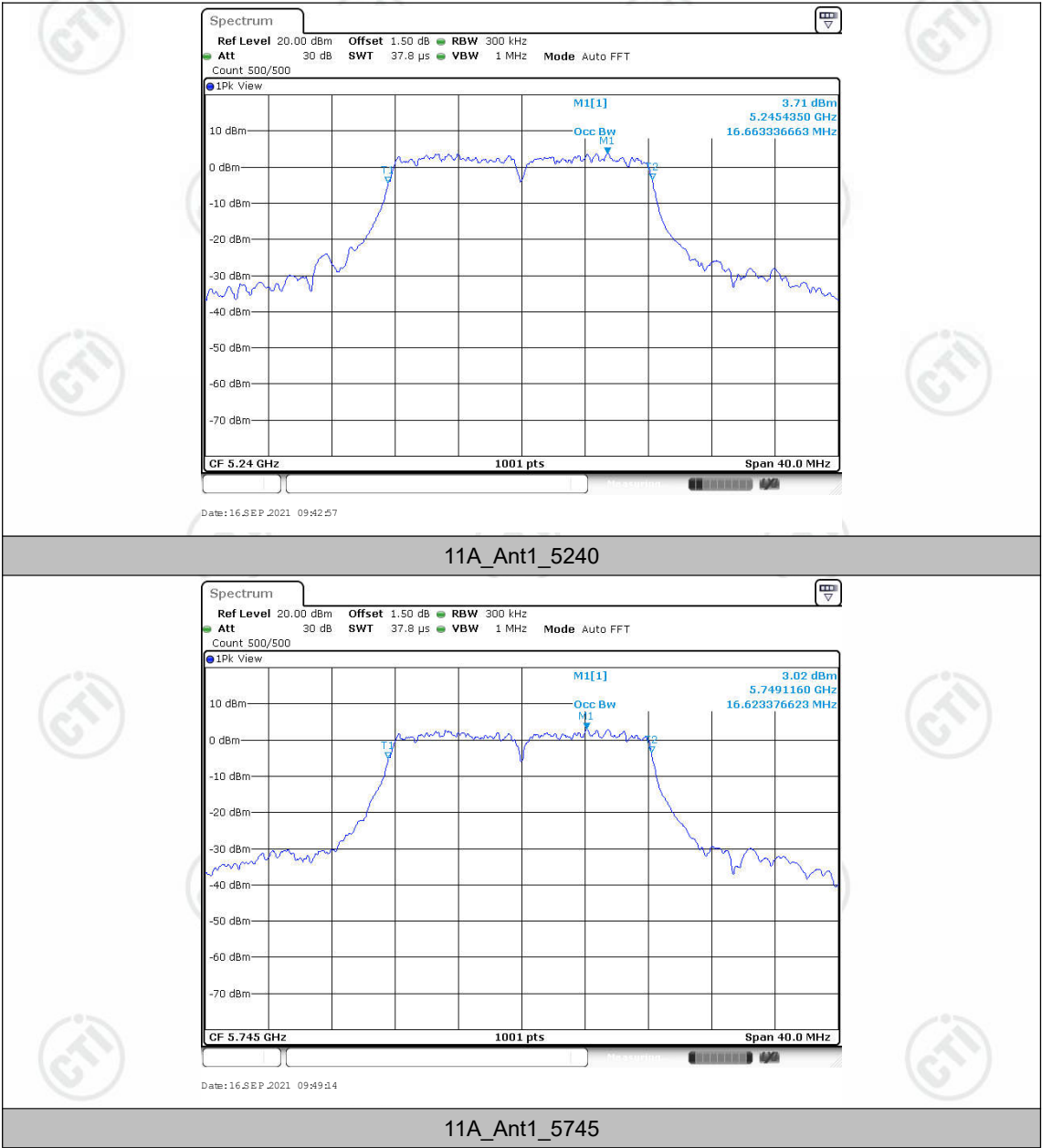
Appendix A2: Occupied channel bandwidth

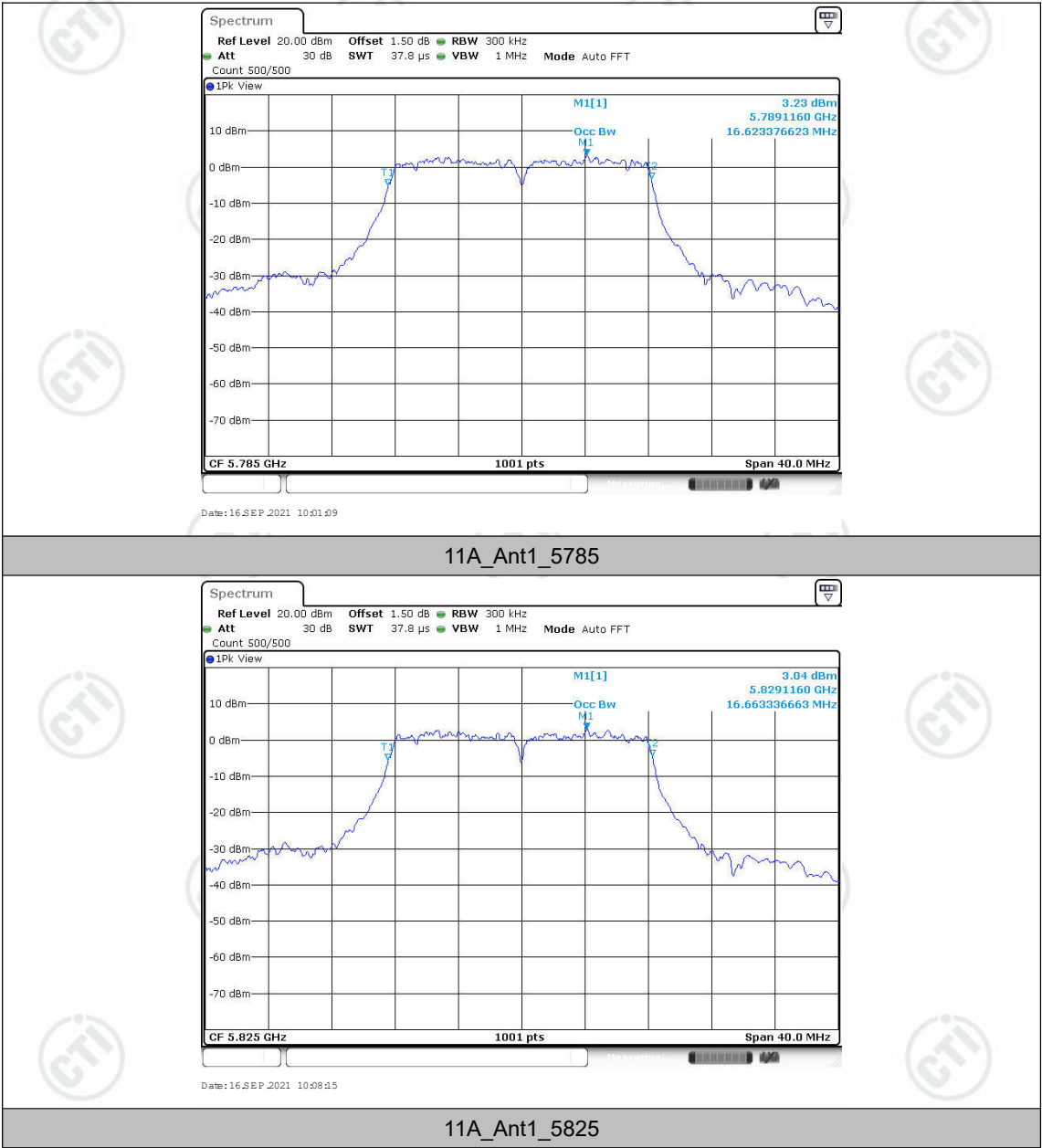
Test Result

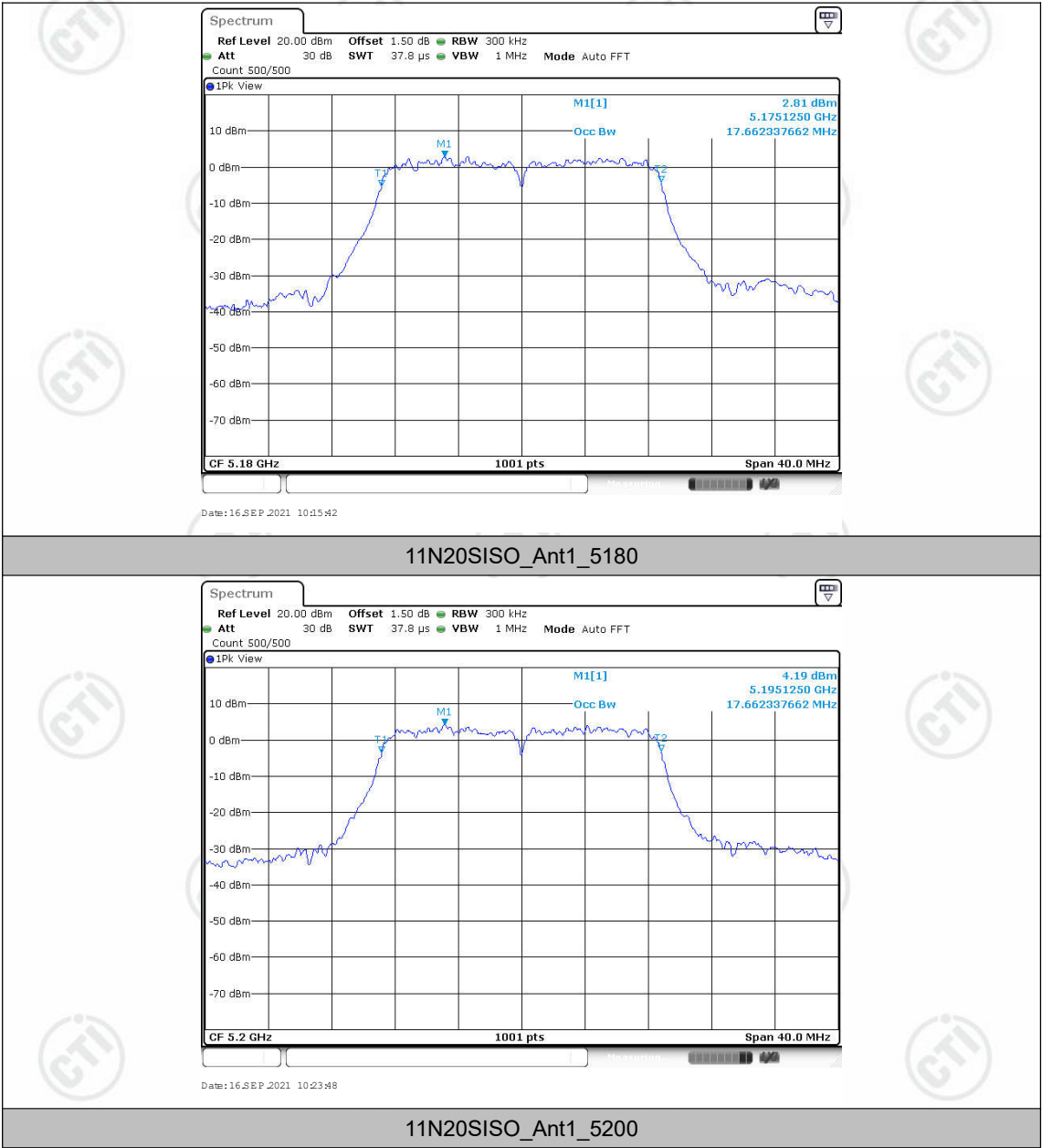
Test Mode	Antenna	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5180	16.623	5171.608	5188.232	---	PASS
	Ant1	5200	16.663	5191.568	5208.232	---	PASS
	Ant1	5240	16.663	5231.568	5248.232	---	PASS
	Ant1	5745	16.623	5736.568	5753.192	---	PASS
	Ant1	5785	16.623	5776.568	5793.192	---	PASS
	Ant1	5825	16.663	5816.568	5833.232	---	PASS
11N20SISO	Ant1	5180	17.662	5171.129	5188.791	---	PASS
	Ant1	5200	17.662	5191.129	5208.791	---	PASS
	Ant1	5240	17.702	5231.089	5248.791	---	PASS
	Ant1	5745	17.622	5736.169	5753.791	---	PASS
	Ant1	5785	17.662	5776.089	5793.751	---	PASS
	Ant1	5825	17.662	5816.089	5833.751	---	PASS
11N40SISO	Ant1	5190	36.444	5171.858	5208.302	---	PASS
	Ant1	5230	36.523	5211.778	5248.302	---	PASS
	Ant1	5755	36.444	5736.778	5773.222	---	PASS
	Ant1	5795	36.444	5776.778	5813.222	---	PASS
11AC20SISO	Ant1	5180	17.622	5171.169	5188.791	---	PASS
	Ant1	5200	17.582	5191.169	5208.751	---	PASS
	Ant1	5240	17.662	5231.129	5248.791	---	PASS
	Ant1	5745	17.702	5736.089	5753.791	---	PASS
	Ant1	5785	17.702	5776.089	5793.791	---	PASS
	Ant1	5825	17.702	5816.089	5833.791	---	PASS
11AC40SISO	Ant1	5190	36.444	5171.858	5208.302	---	PASS
	Ant1	5230	36.523	5211.778	5248.302	---	PASS
	Ant1	5755	36.444	5736.778	5773.222	---	PASS
	Ant1	5795	36.523	5776.698	5813.222	---	PASS
11AC80SISO	Ant1	5210	75.445	5172.438	5247.882	---	PASS
	Ant1	5775	75.445	5737.278	5812.722	---	PASS

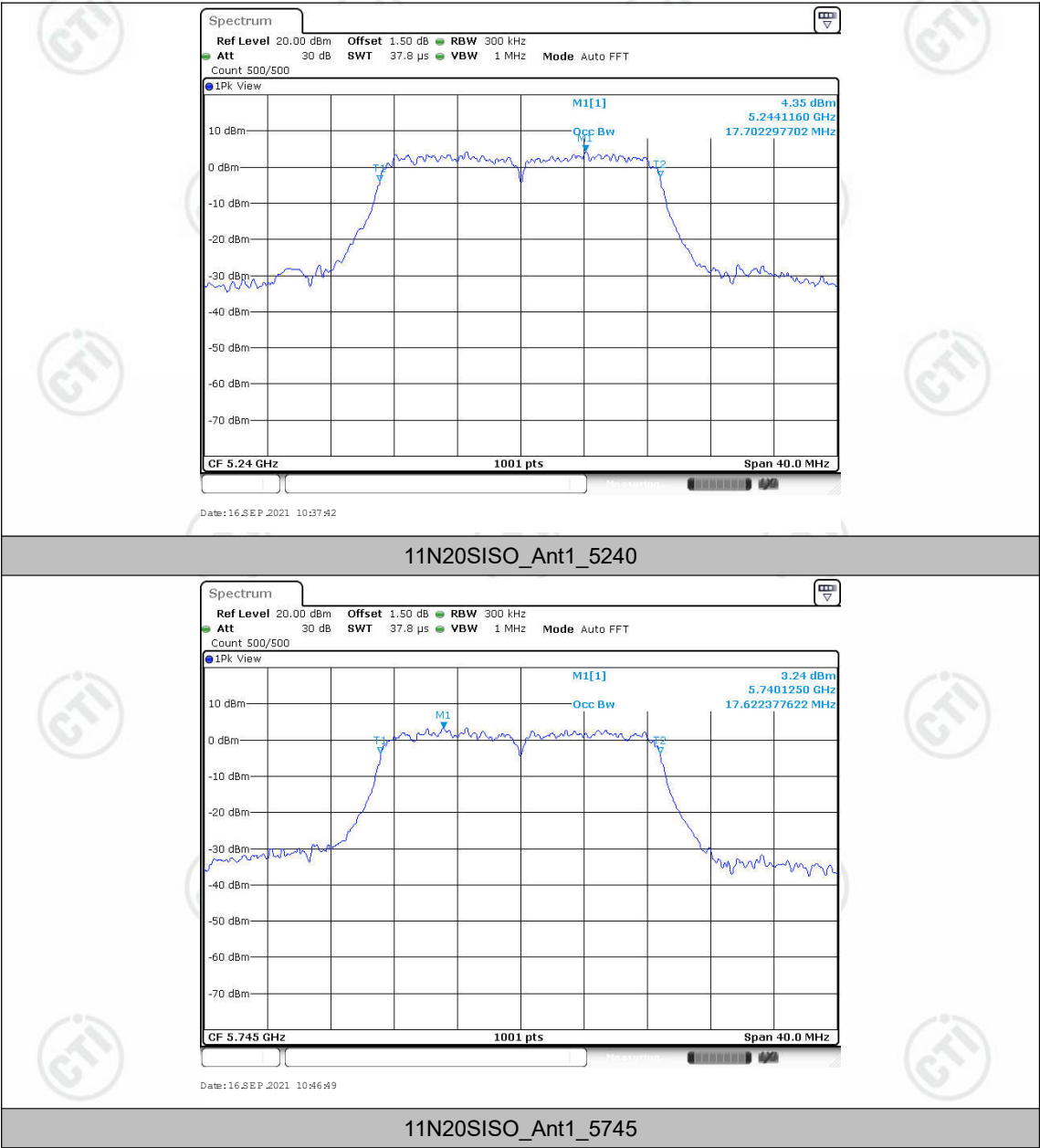
Test Graphs

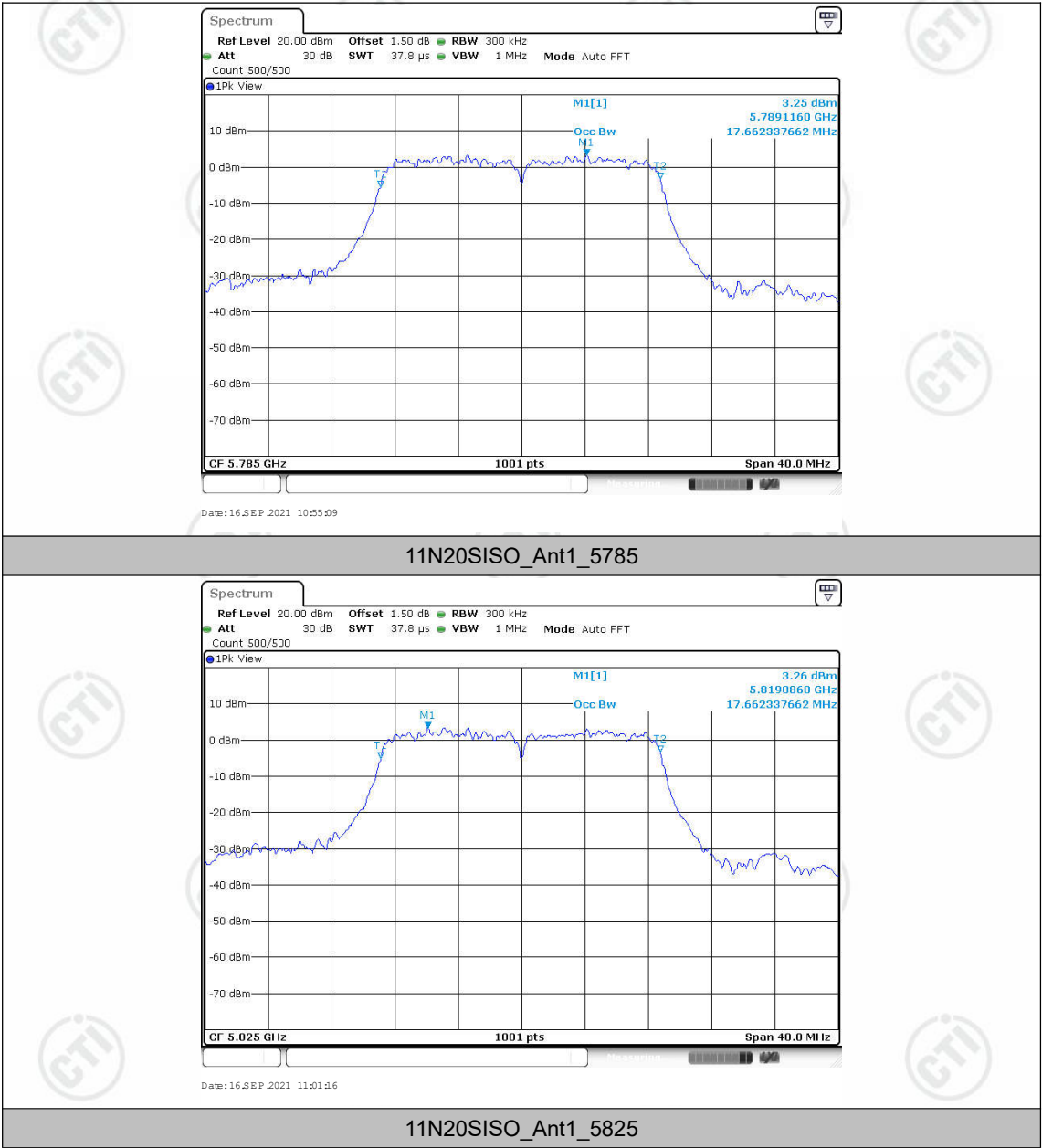


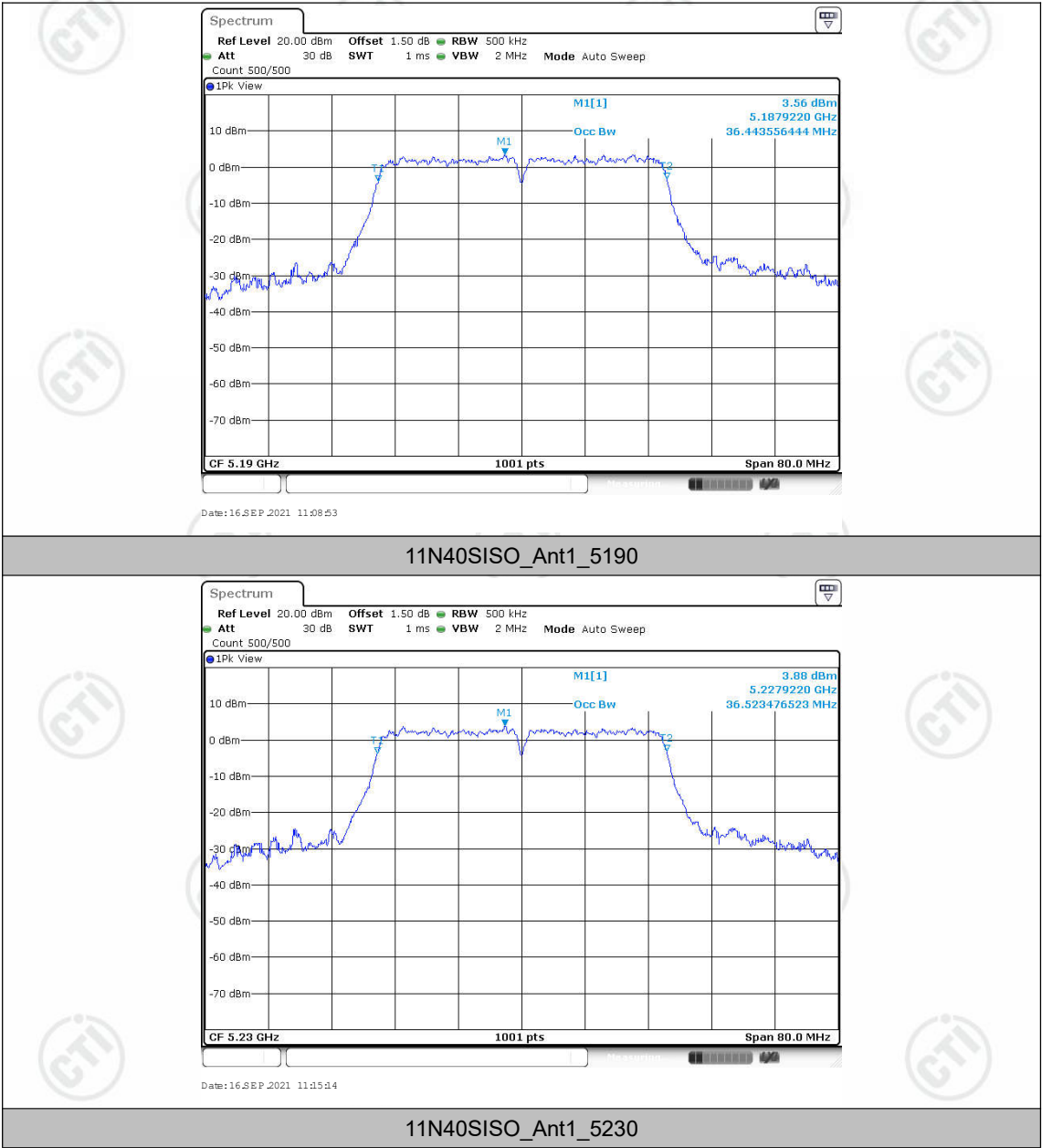


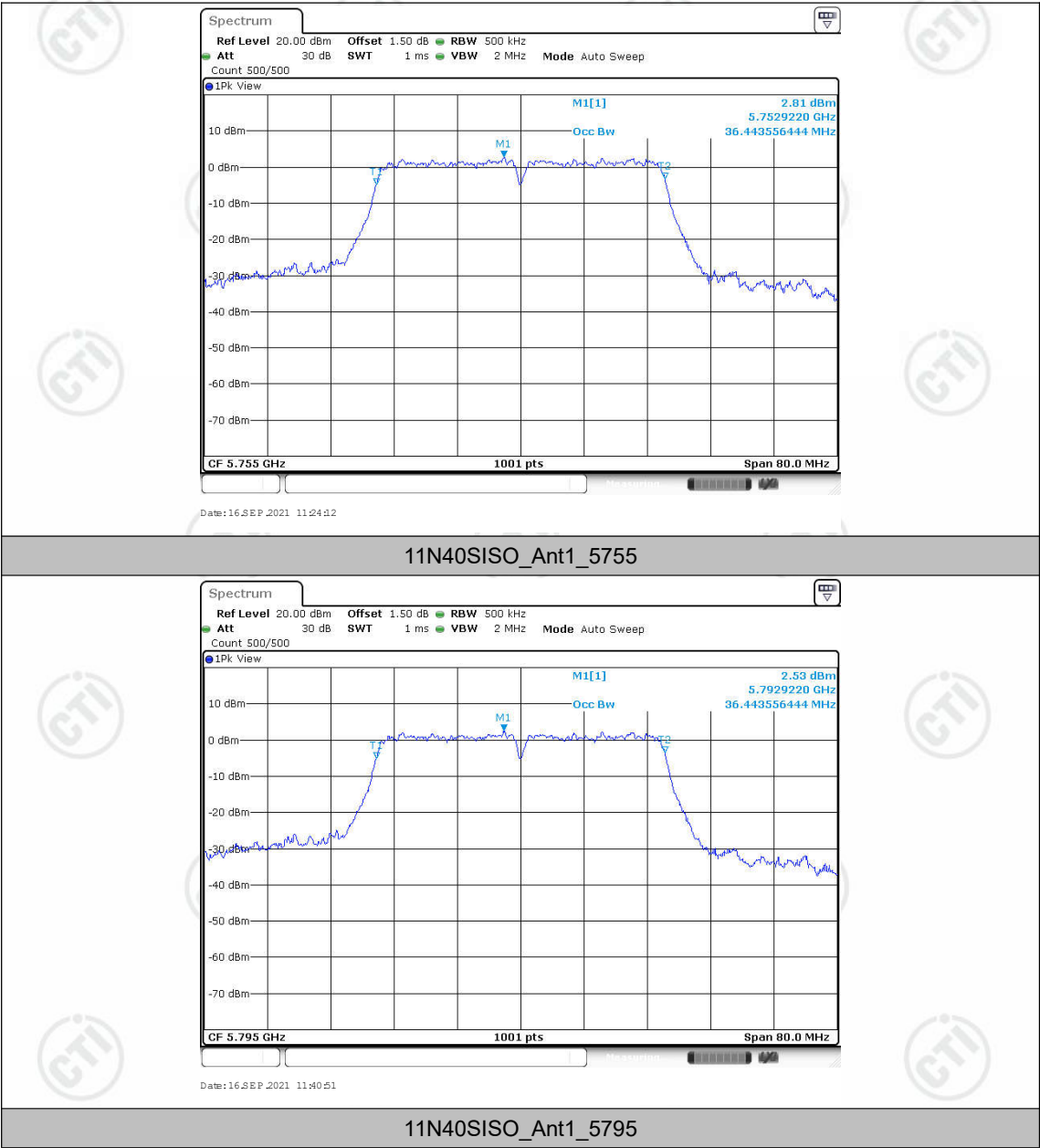


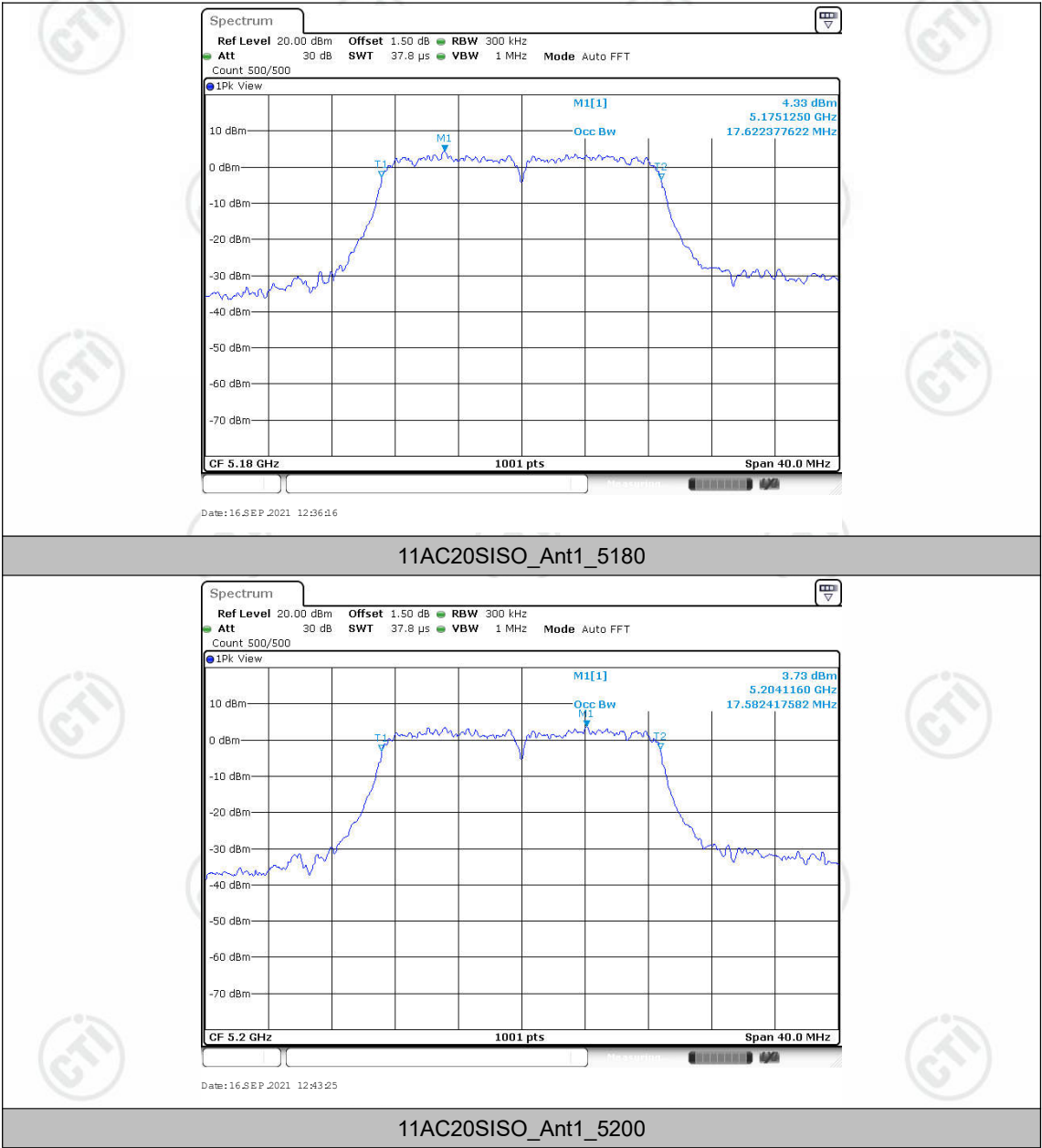


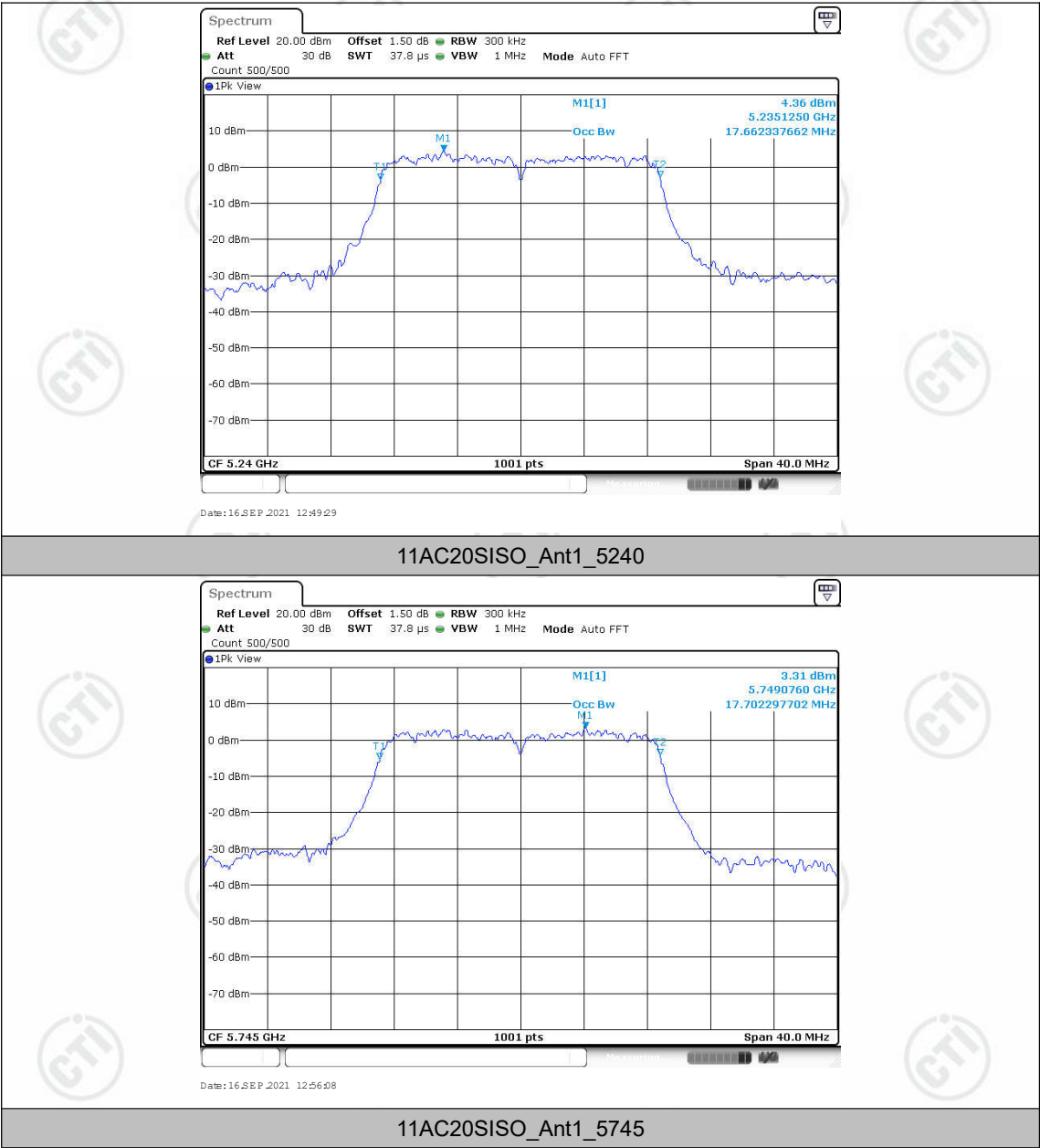


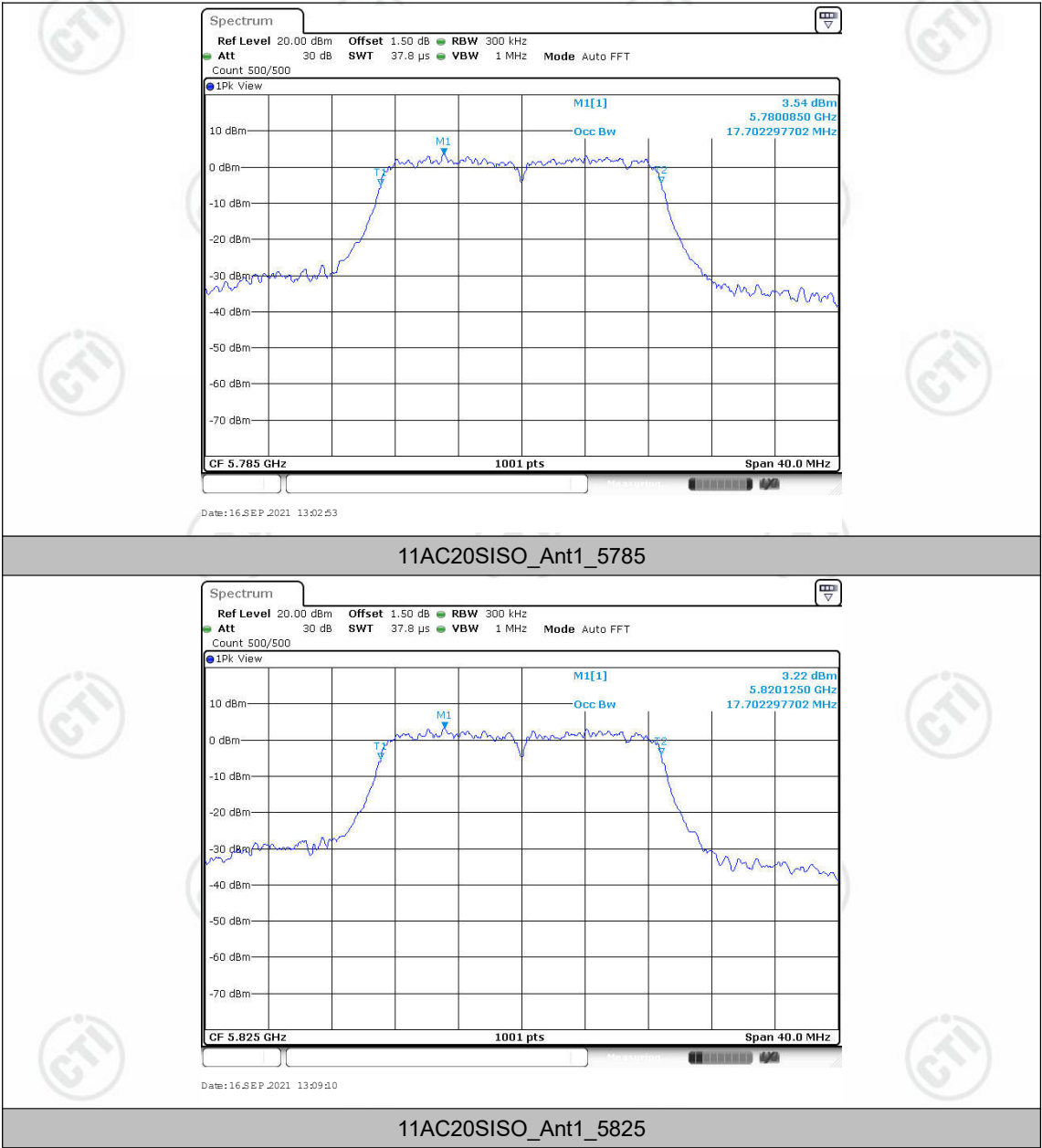


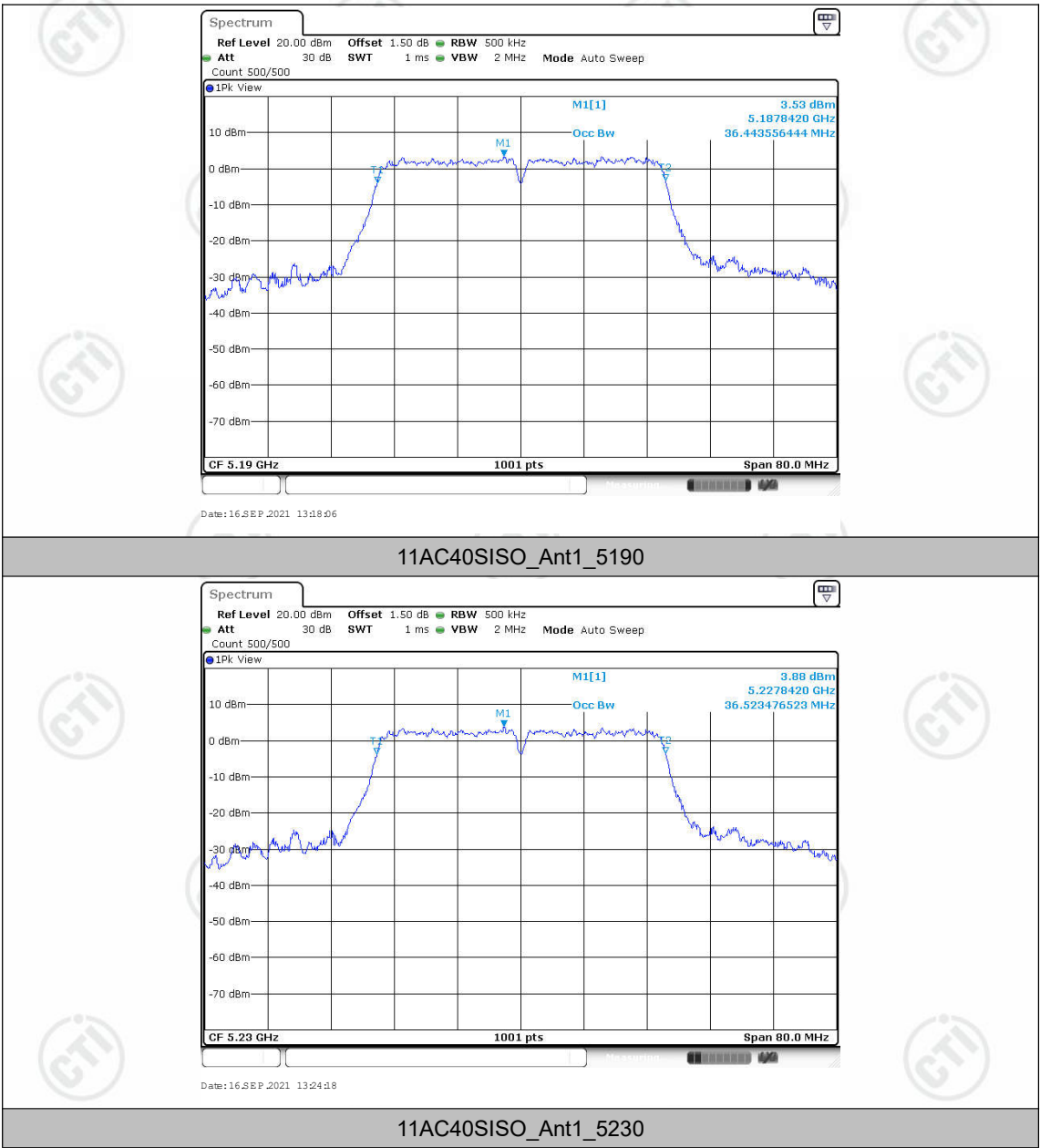


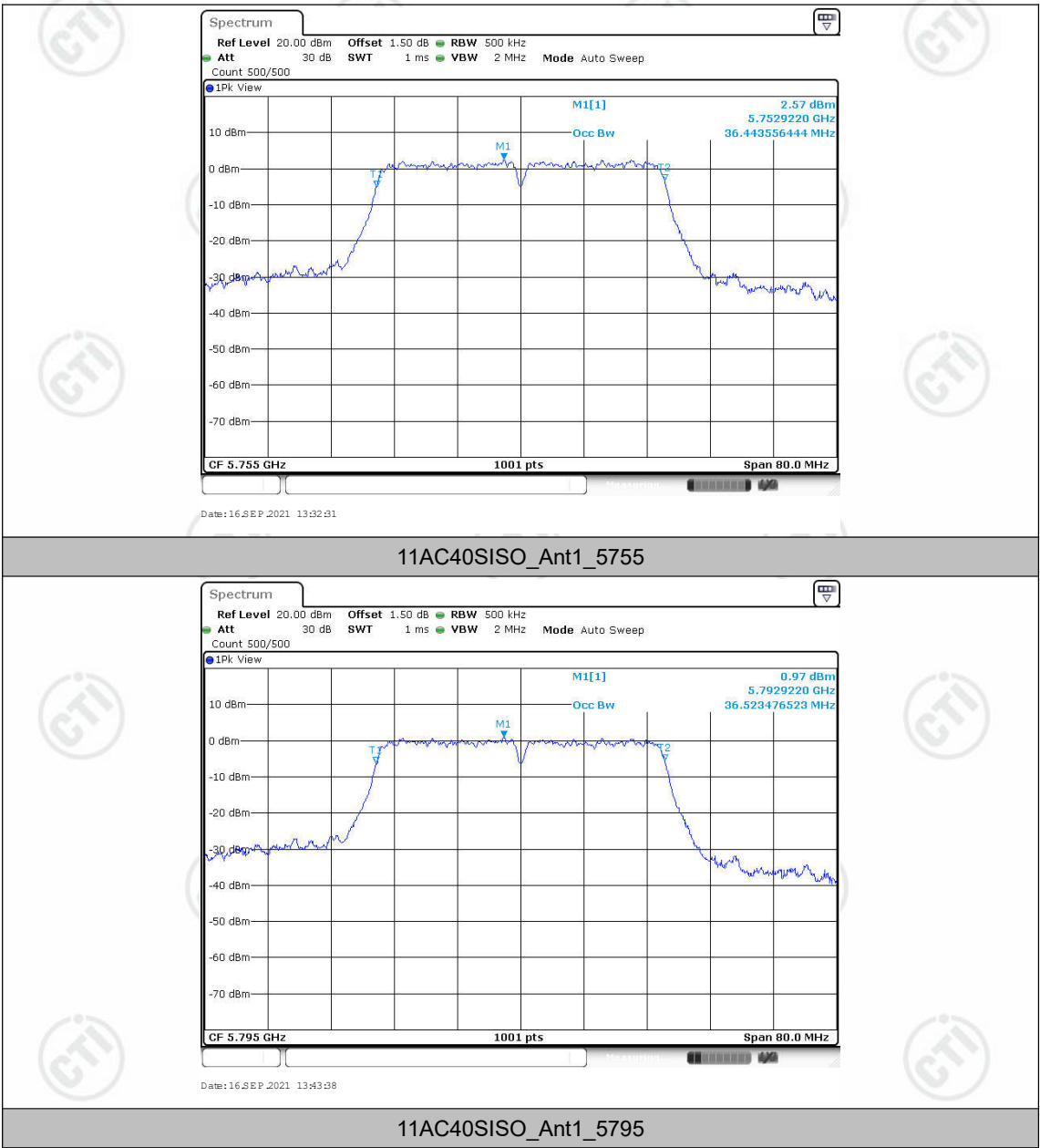


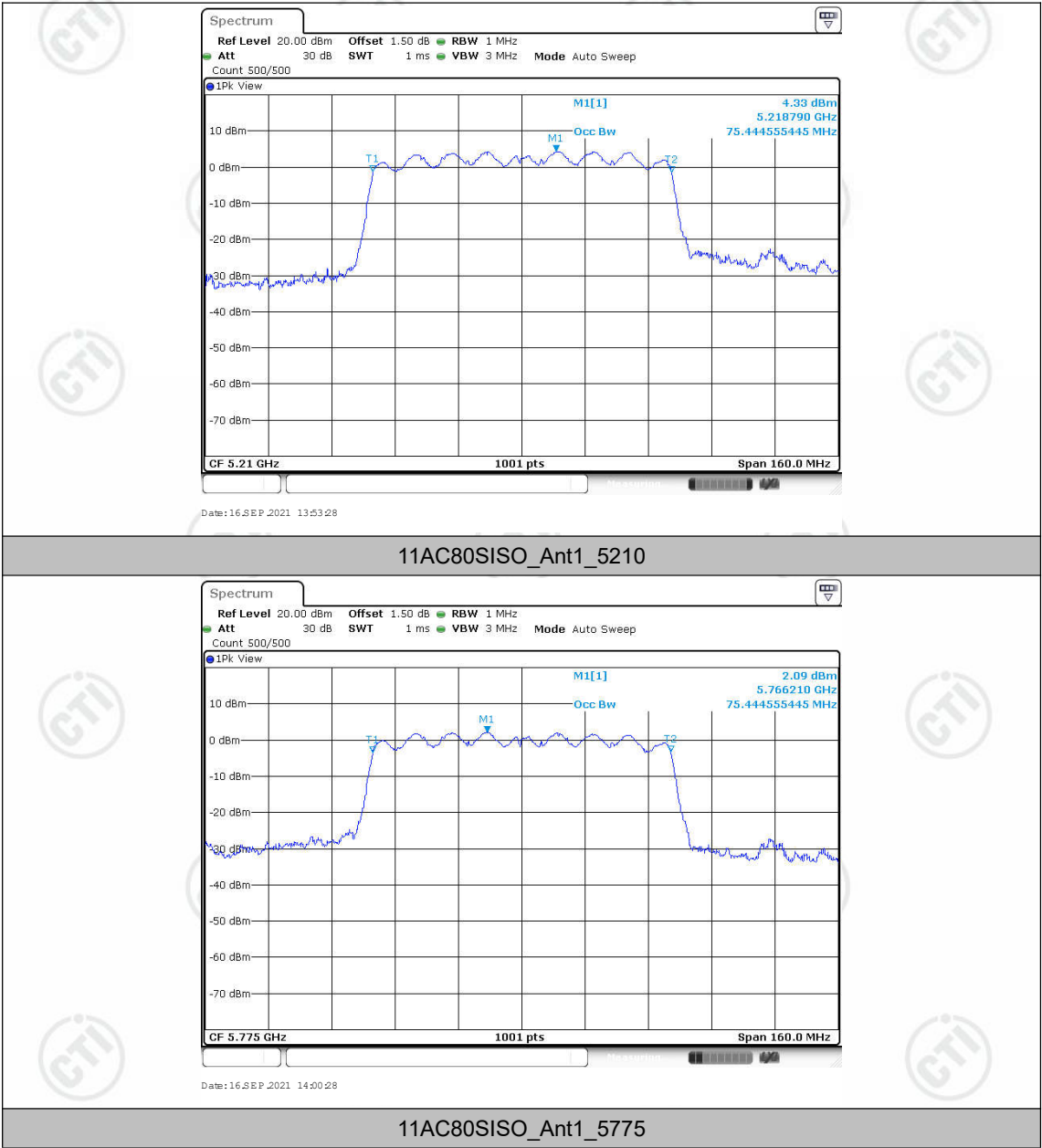












Appendix A3: Min emission bandwidth

Test Result

Test Mode	Antenna	Channel	6db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5745	16.520	5736.680	5753.200	0.5	PASS
	Ant1	5785	16.560	5776.680	5793.240	0.5	PASS
	Ant1	5825	16.560	5816.640	5833.200	0.5	PASS
11N20SISO	Ant1	5745	17.680	5736.120	5753.800	0.5	PASS
	Ant1	5785	17.680	5776.120	5793.800	0.5	PASS
	Ant1	5825	17.680	5816.120	5833.800	0.5	PASS
11N40SISO	Ant1	5755	36.640	5736.680	5773.320	0.5	PASS
	Ant1	5795	36.560	5776.680	5813.240	0.5	PASS
11AC20SISO	Ant1	5745	17.680	5736.120	5753.800	0.5	PASS
	Ant1	5785	17.680	5776.120	5793.800	0.5	PASS
	Ant1	5825	17.680	5816.120	5833.800	0.5	PASS
11AC40SISO	Ant1	5755	36.560	5736.680	5773.240	0.5	PASS
	Ant1	5795	36.560	5776.680	5813.240	0.5	PASS
11AC80SISO	Ant1	5775	75.840	5736.920	5812.760	0.5	PASS

Test Graphs

