

Appendix: 5G WIFI

Contents

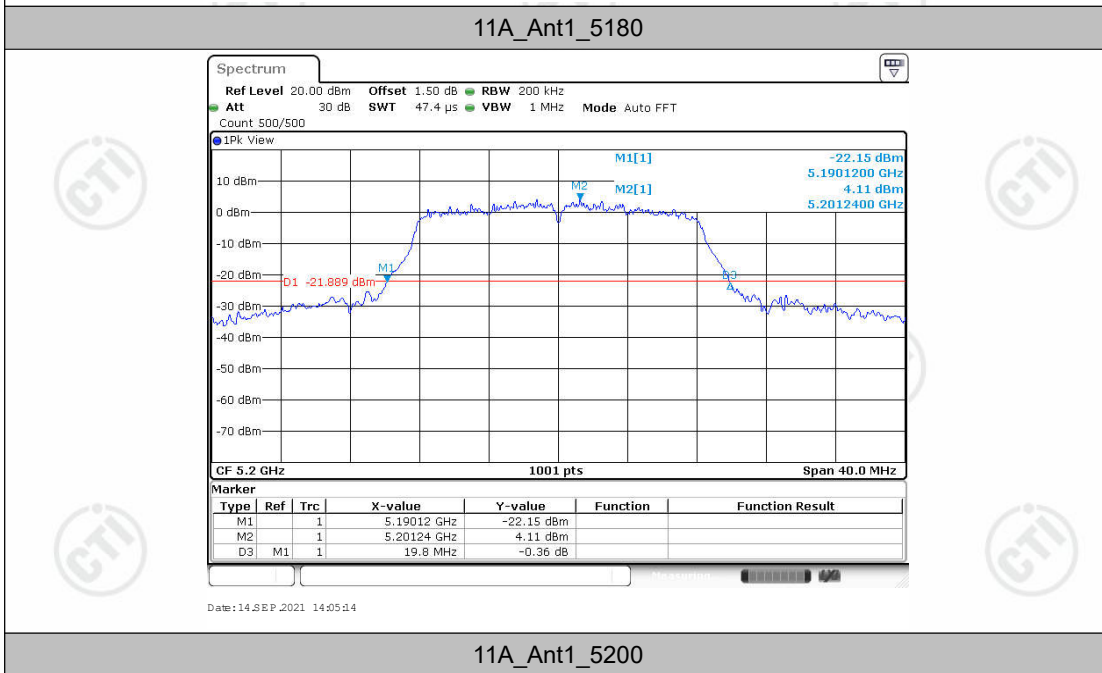
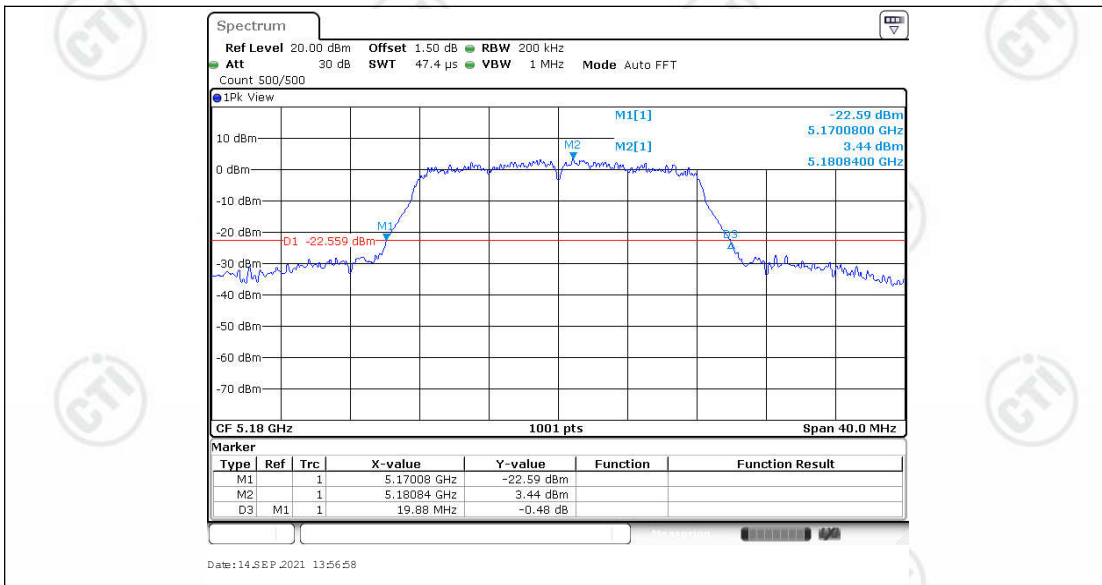
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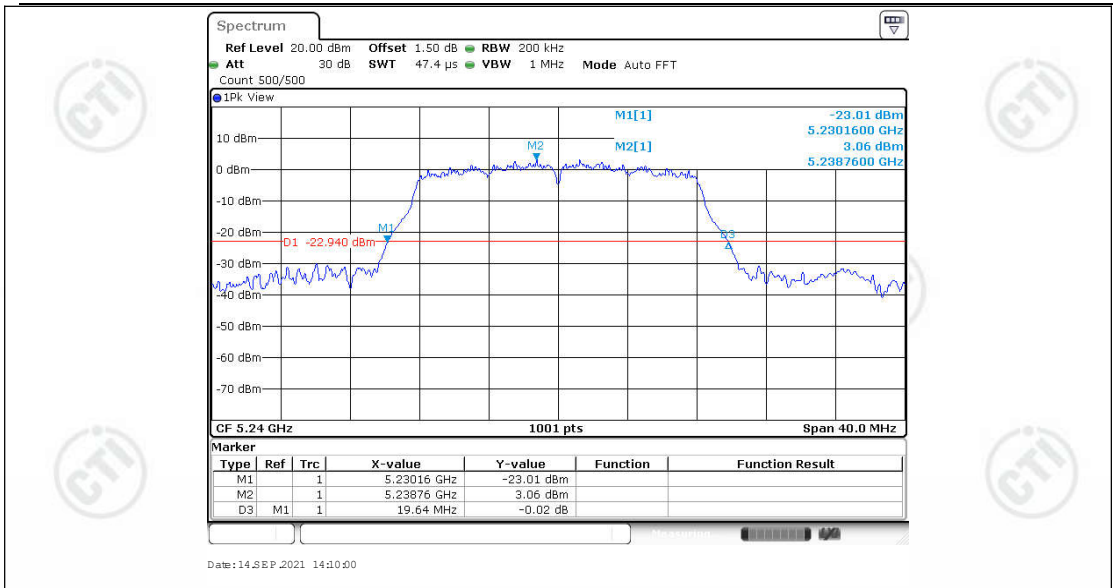
Appendix A1: Emission Bandwidth

Test Result

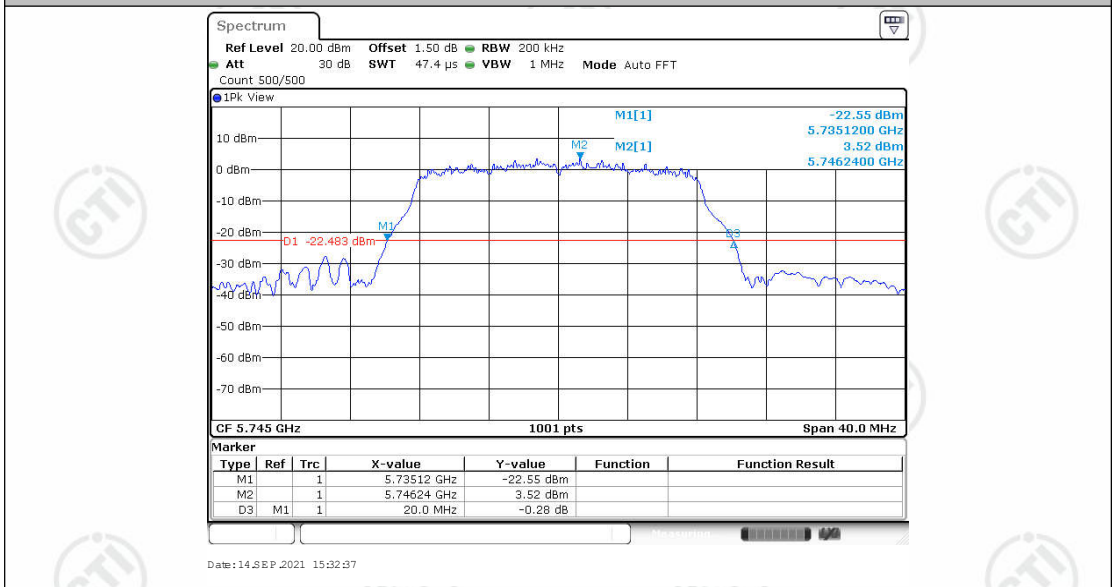
Test Mode	Antenna	Channel	26db EBW [MHz]	FL[MHz]	FH[MHz]	Limit [MHz]	Verdict
11A	Ant1	5180	19.880	5170.080	5189.960	---	PASS
		5200	19.800	5190.120	5209.920	---	PASS
		5240	19.640	5230.160	5249.800	---	PASS
		5745	20.000	5735.120	5755.120	---	PASS
		5785	19.720	5775.040	5794.760	---	PASS
		5825	20.000	5814.880	5834.880	---	PASS
11N20SISO	Ant1	5180	20.200	5169.960	5190.160	---	PASS
		5200	20.280	5189.800	5210.080	---	PASS
		5240	20.240	5229.840	5250.080	---	PASS
		5745	20.080	5734.880	5754.960	---	PASS
		5785	20.160	5774.960	5795.120	---	PASS
		5825	20.160	5814.840	5835.000	---	PASS
11N40SISO	Ant1	5190	41.200	5169.520	5210.720	---	PASS
		5230	41.280	5209.520	5250.800	---	PASS
		5755	41.200	5734.360	5775.560	---	PASS
		5795	40.960	5774.520	5815.480	---	PASS
11AC20SISO	Ant1	5180	20.080	5169.960	5190.040	---	PASS
		5200	20.080	5189.880	5209.960	---	PASS
		5240	19.800	5230.000	5249.800	---	PASS
		5745	20.120	5734.880	5755.000	---	PASS
		5785	20.080	5775.000	5795.080	---	PASS
		5825	20.200	5814.760	5834.960	---	PASS
11AC40SISO	Ant1	5190	41.040	5169.440	5210.480	---	PASS
		5230	40.960	5209.520	5250.480	---	PASS
		5755	40.960	5734.600	5775.560	---	PASS
		5795	41.120	5774.600	5815.720	---	PASS
11AC80SISO	Ant1	5210	81.280	5169.360	5250.640	---	PASS
		5775	81.120	5734.520	5815.640	---	PASS

Test Graphs

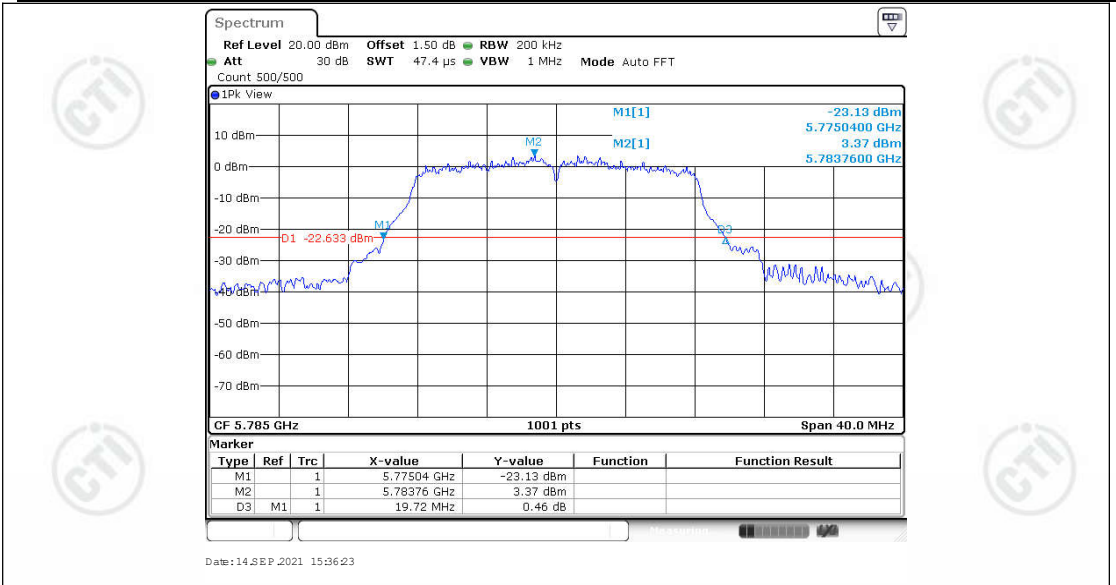




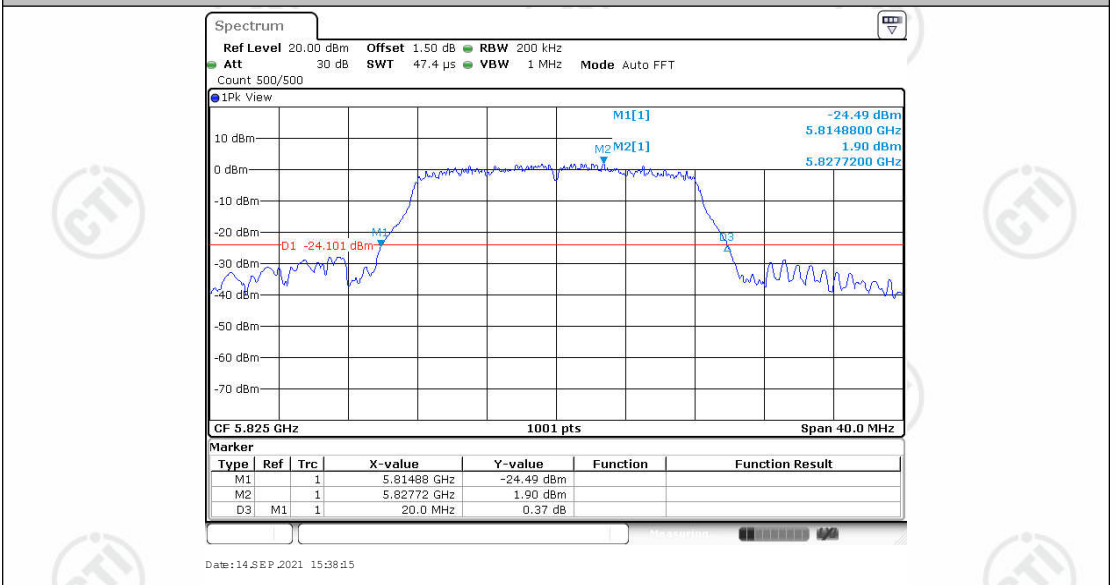
11A_Ant1_5240



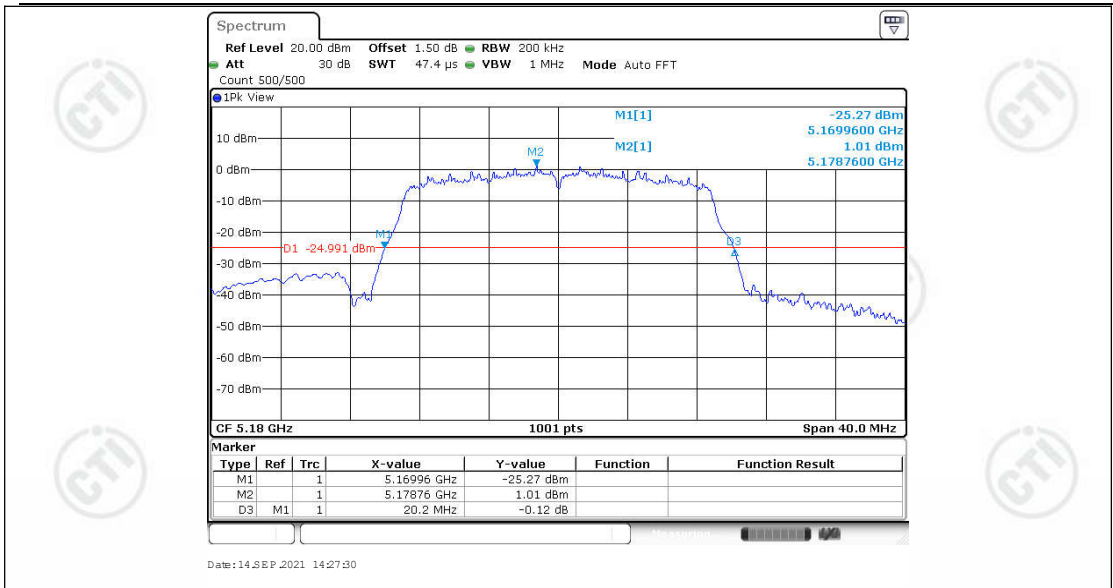
11A_Ant1_5745



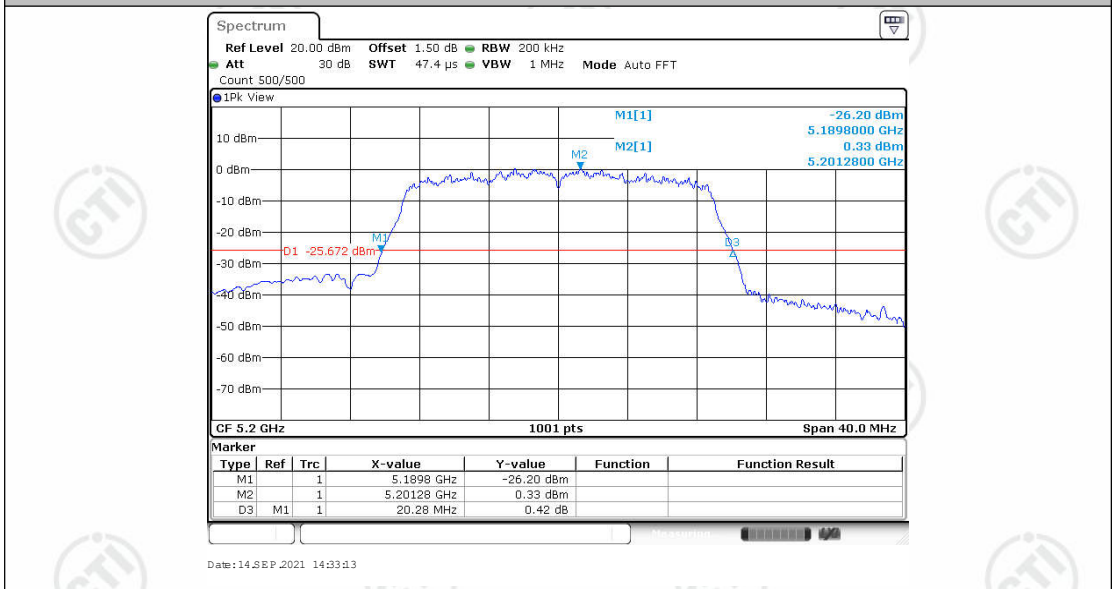
11A_Ant1_5785



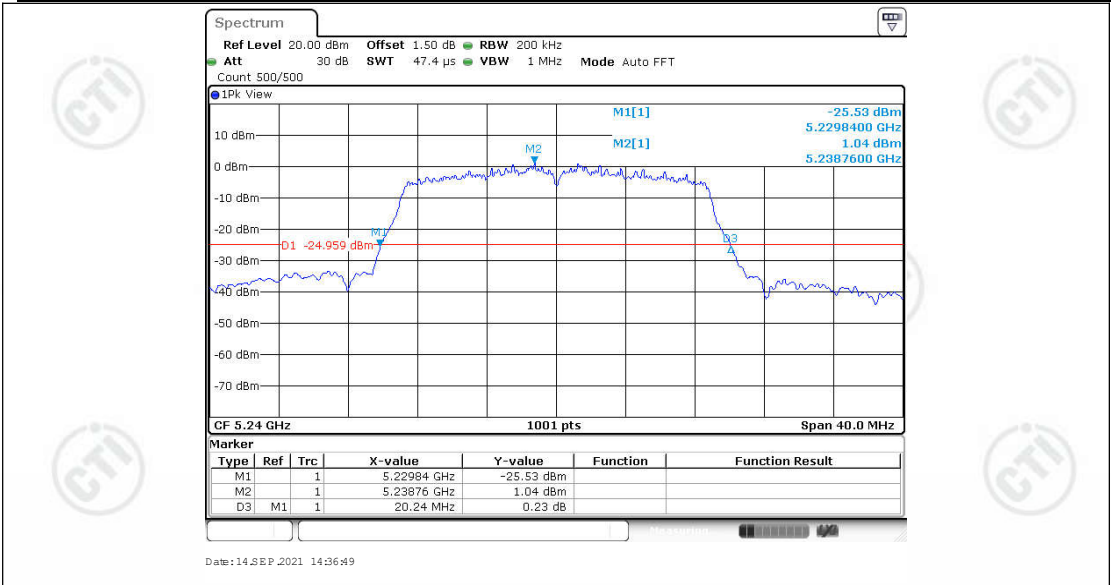
11A_Ant1_5825



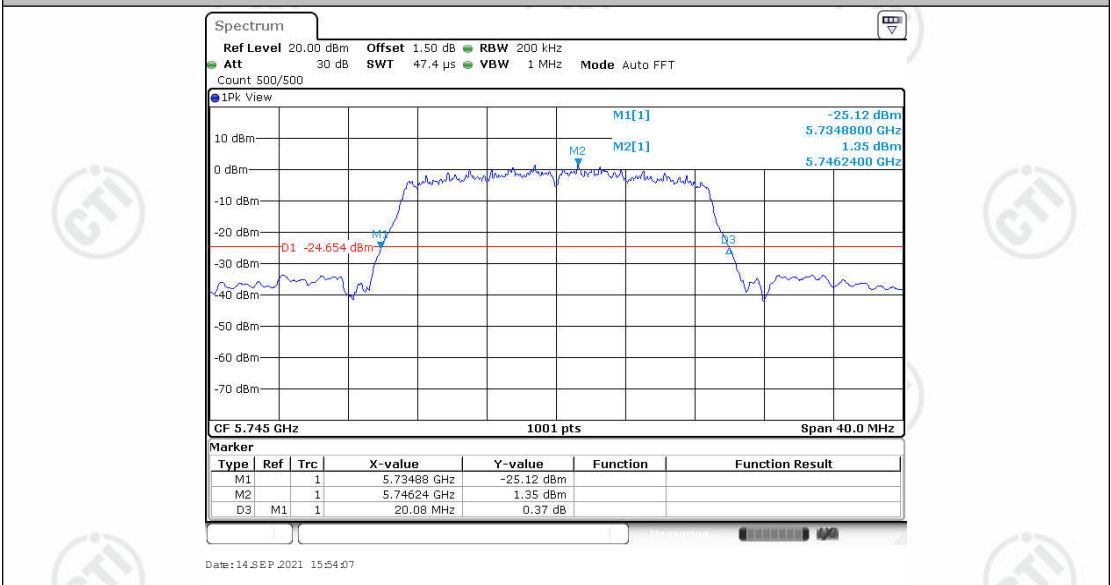
11N20SISO_Ant1_5180



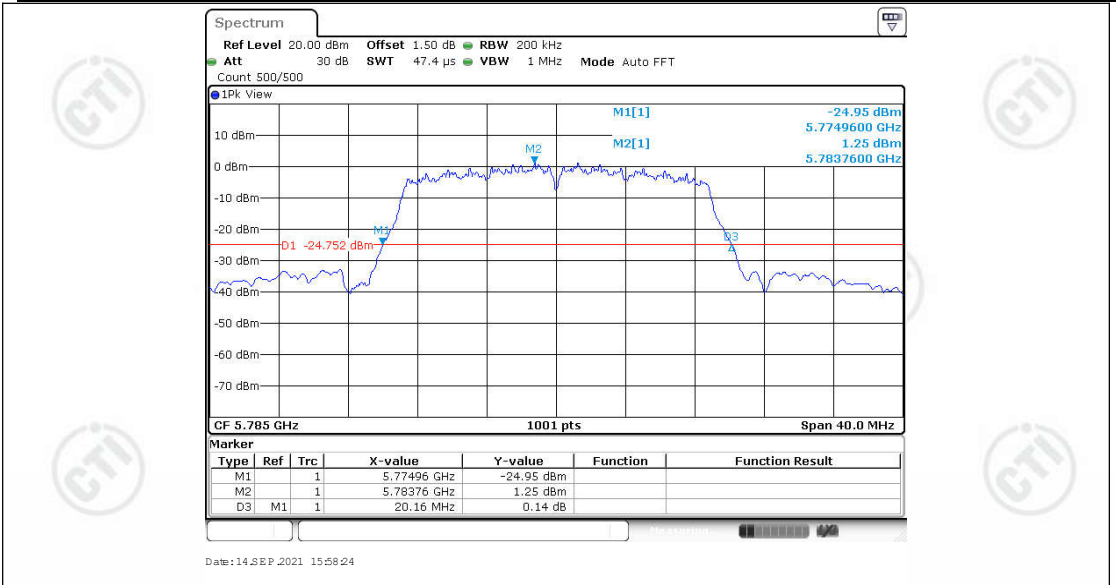
11N20SISO_Ant1_5200



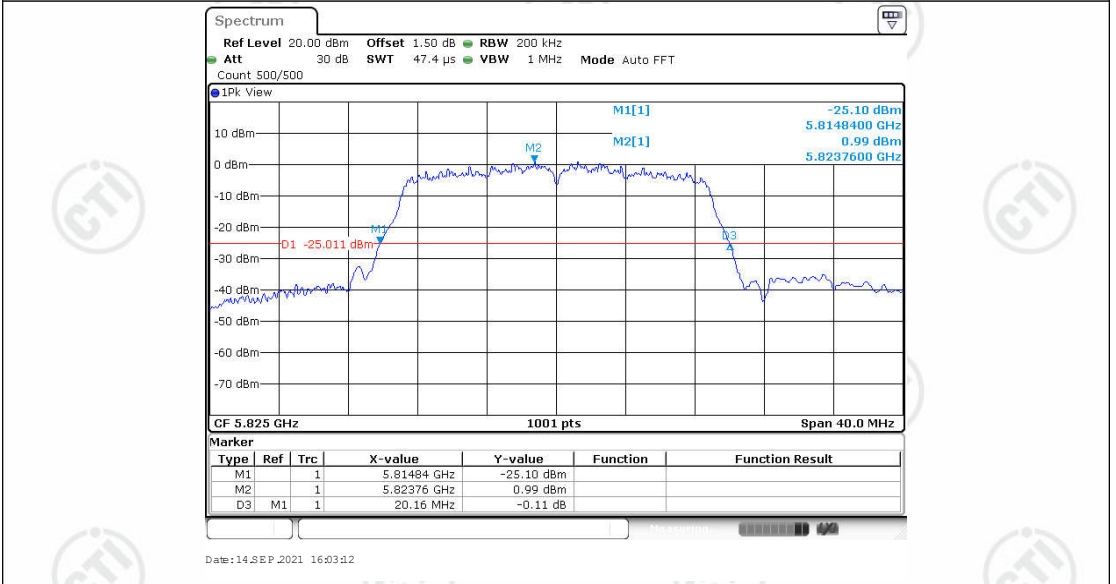
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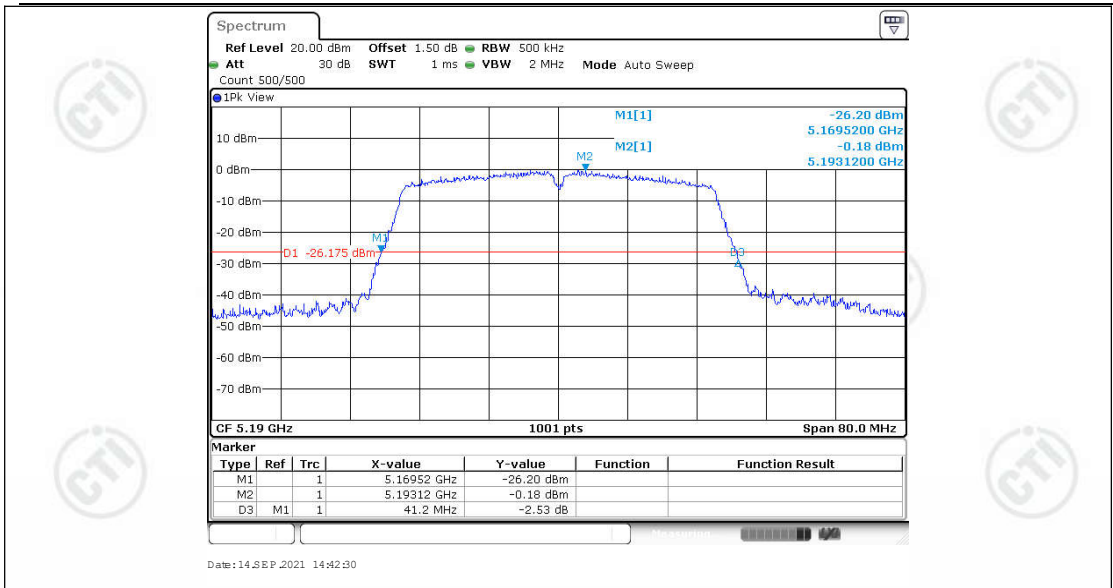
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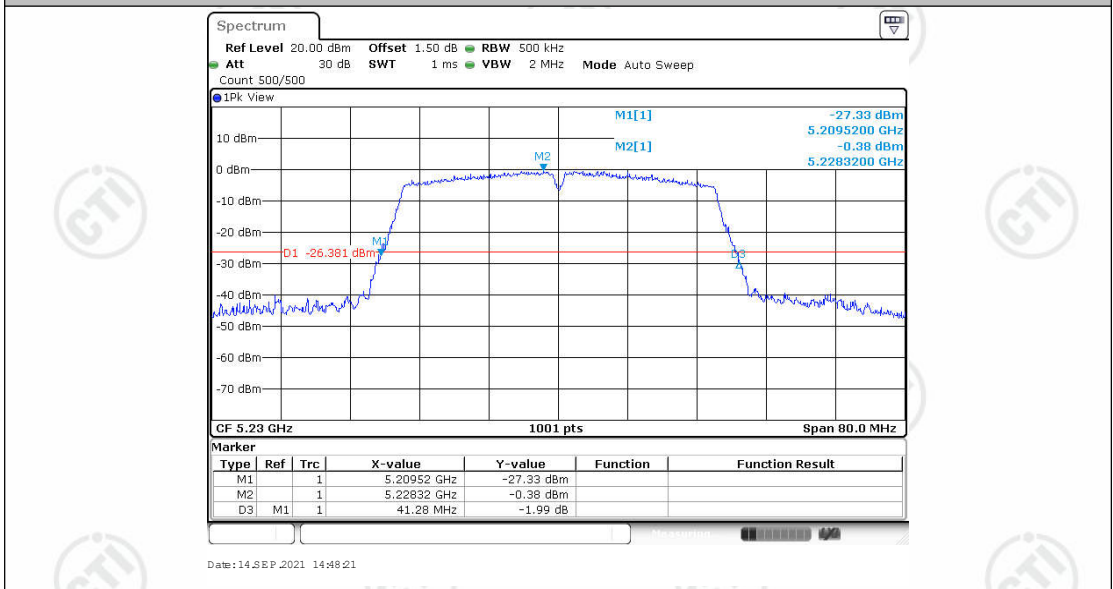
11N20SISO_Ant1_5785



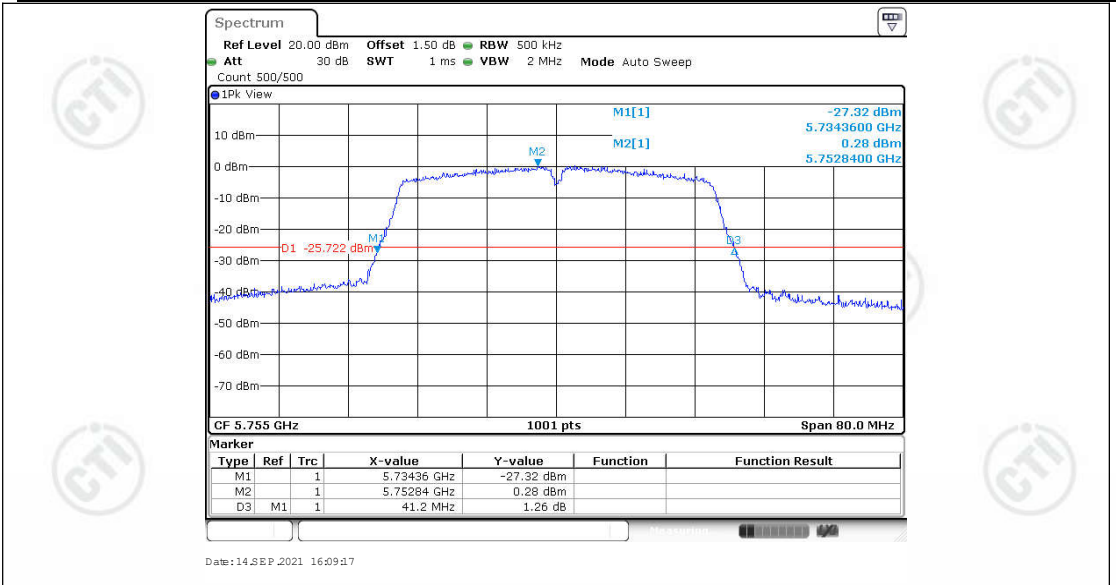
11N20SISO_Ant1_5825



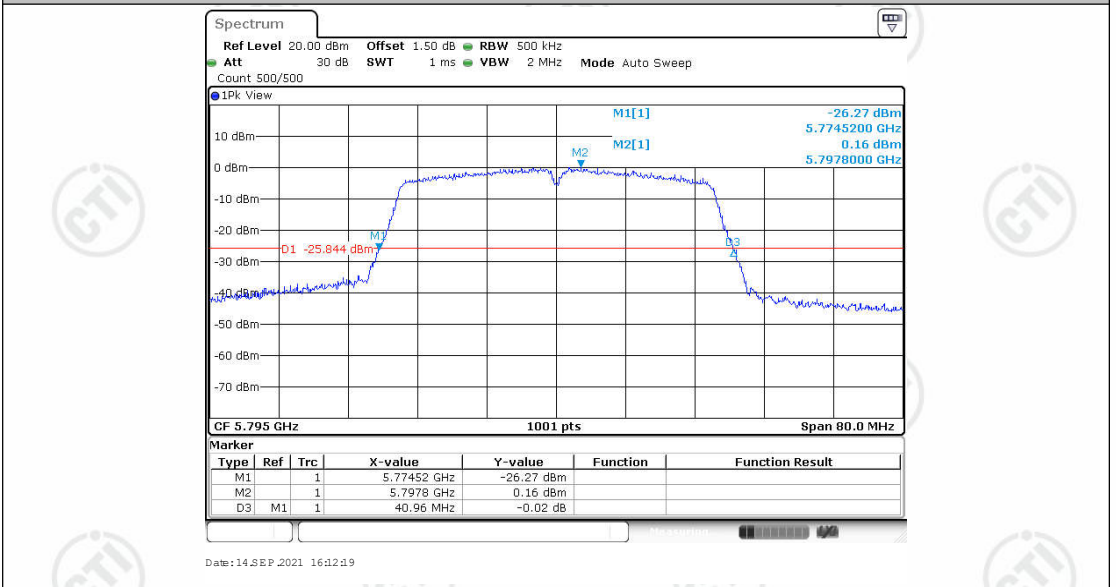
11N40SISO_Ant1_5190



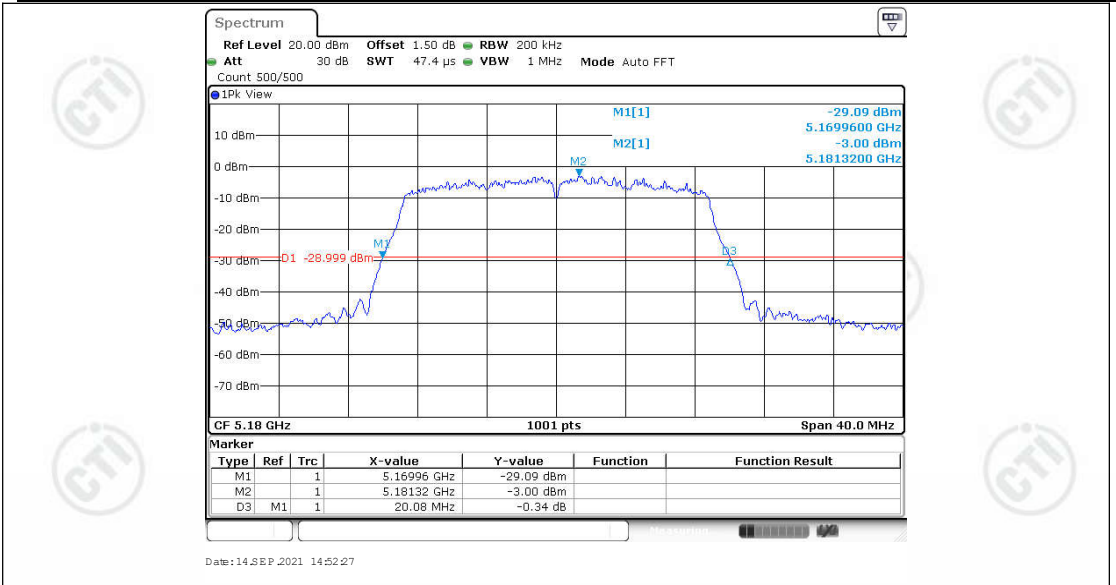
11N40SISO_Ant1_5230



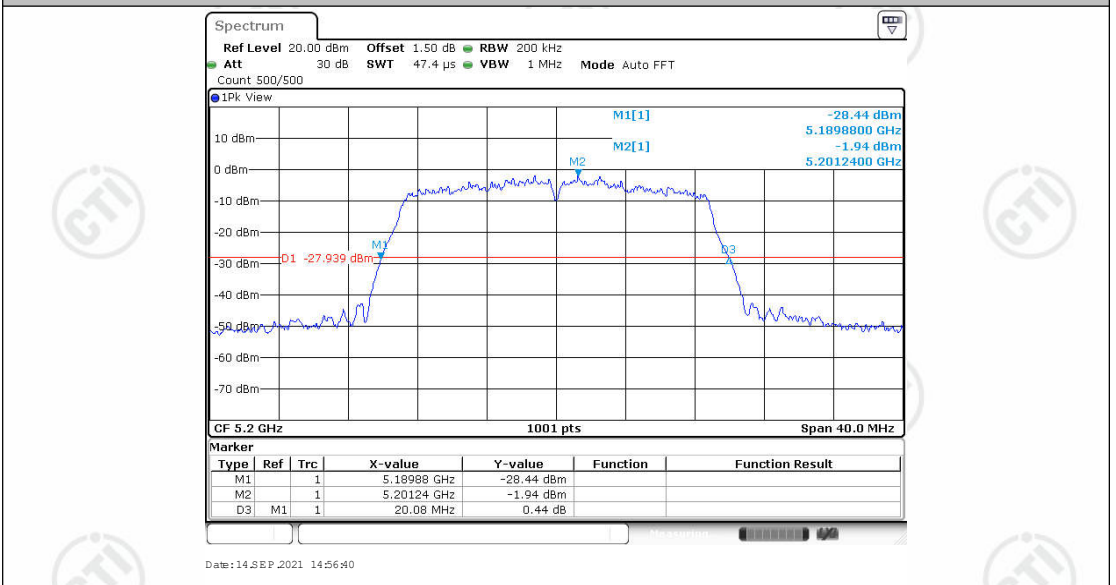
11N40SISO_Ant1_5755



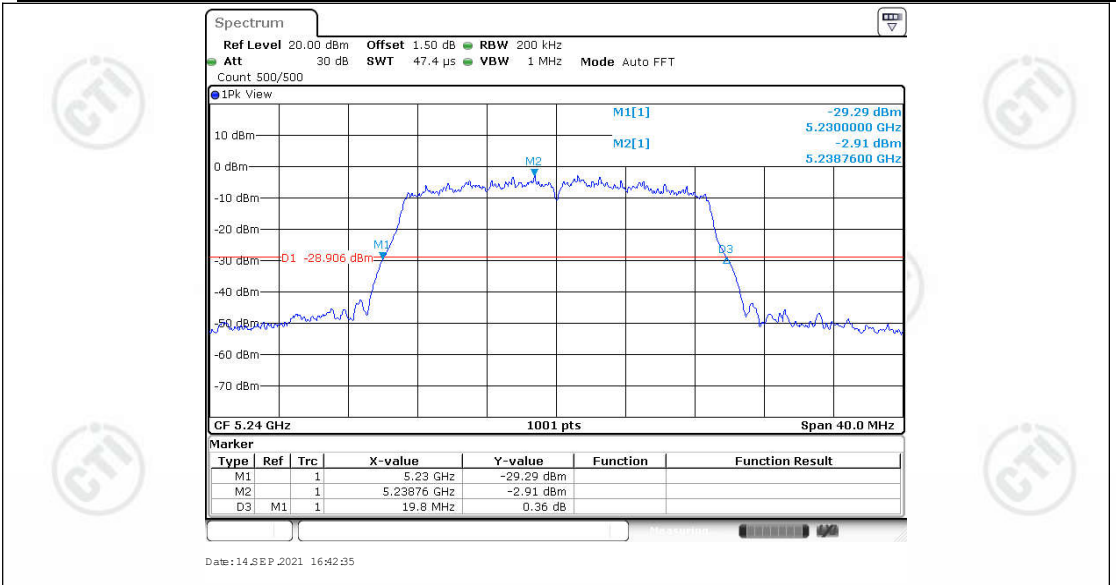
11N40SISO_Ant1_5795



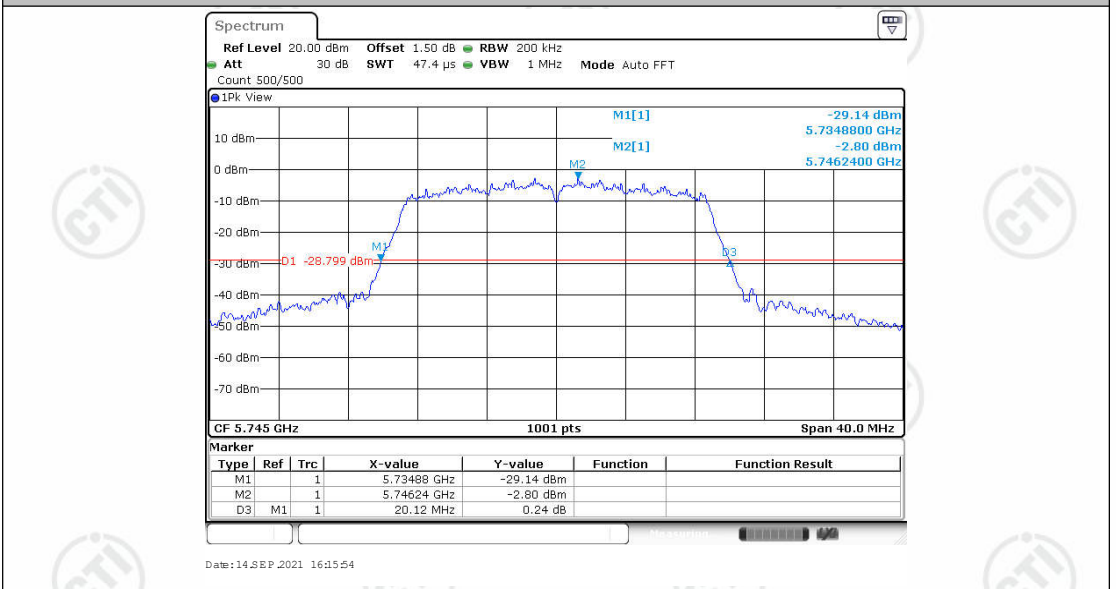
11AC20SISO_Ant1_5180



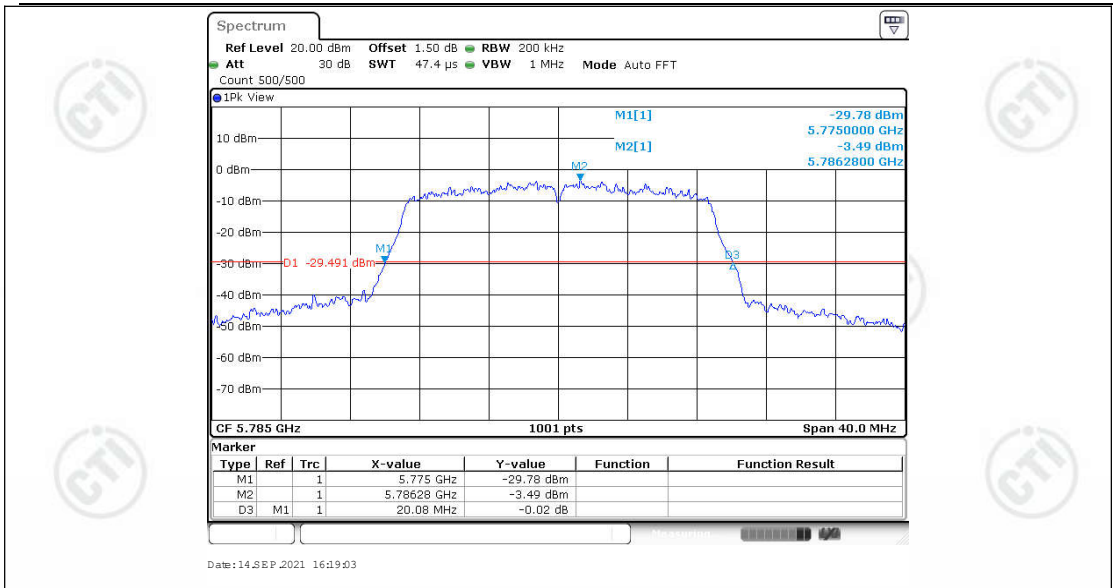
11AC20SISO_Ant1_5200



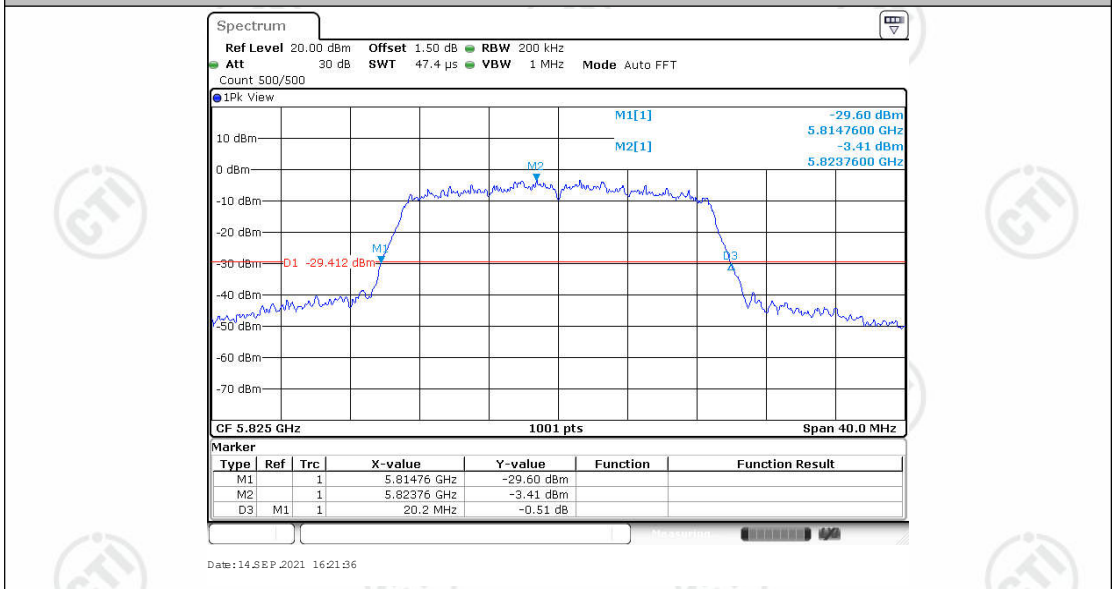
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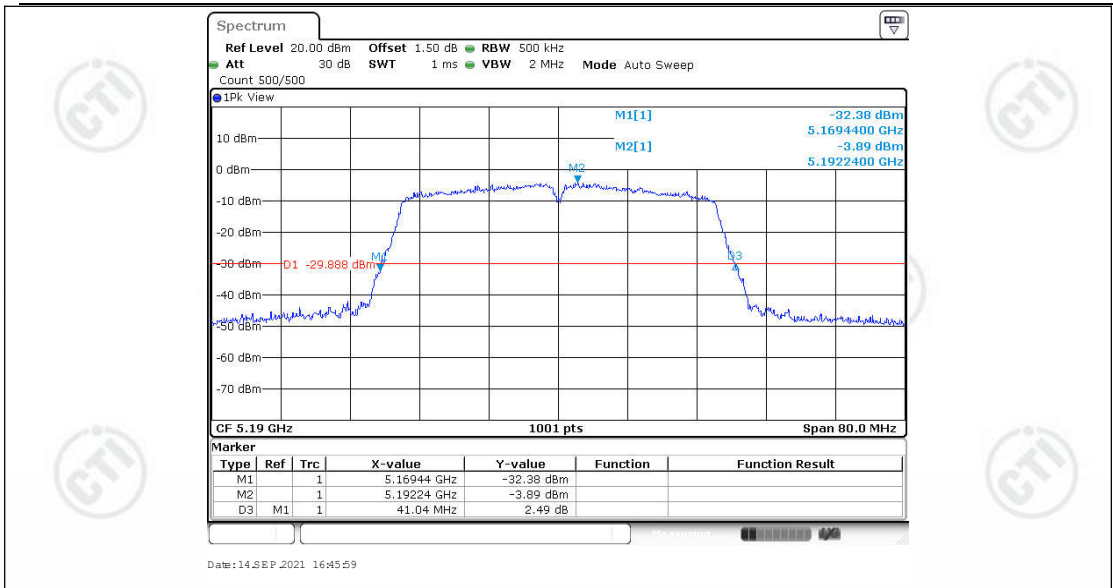
11AC20SISO_Ant1_5745



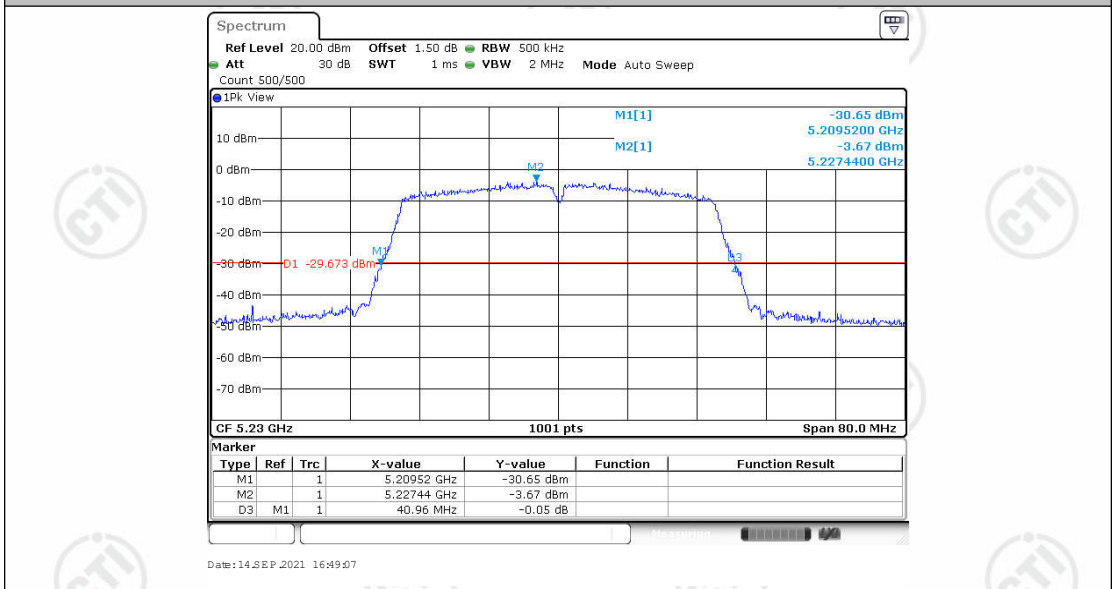
11AC20SISO_Ant1_5785



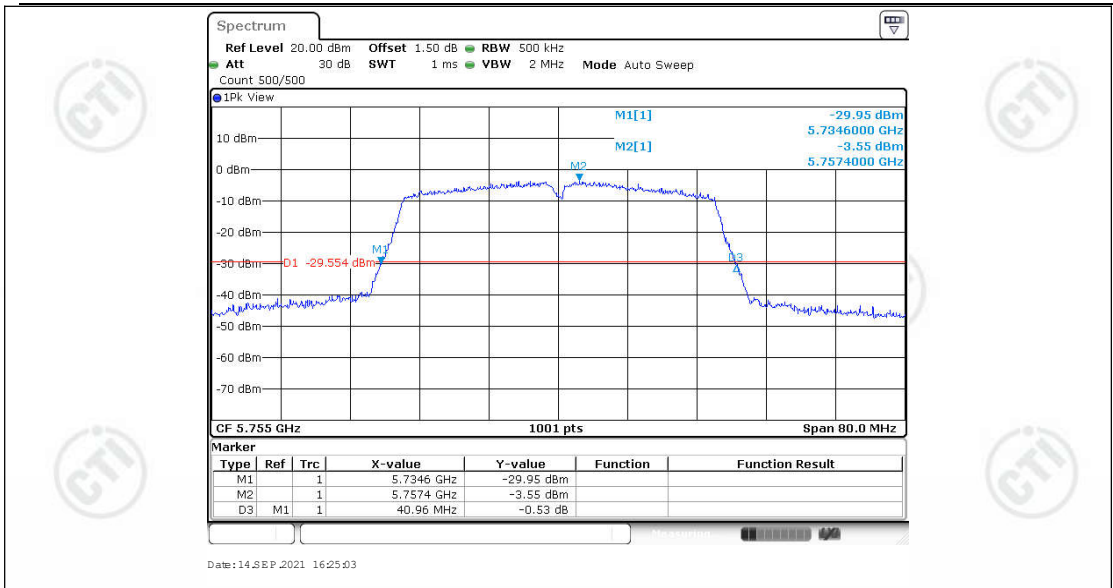
11AC20SISO_Ant1_5825



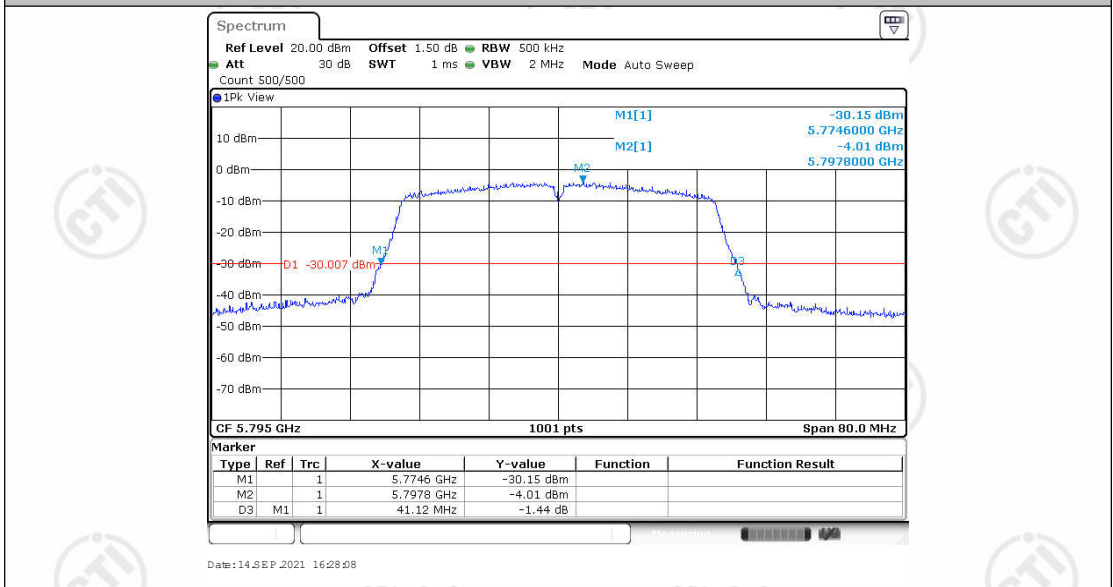
11AC40SISO_Ant1_5190



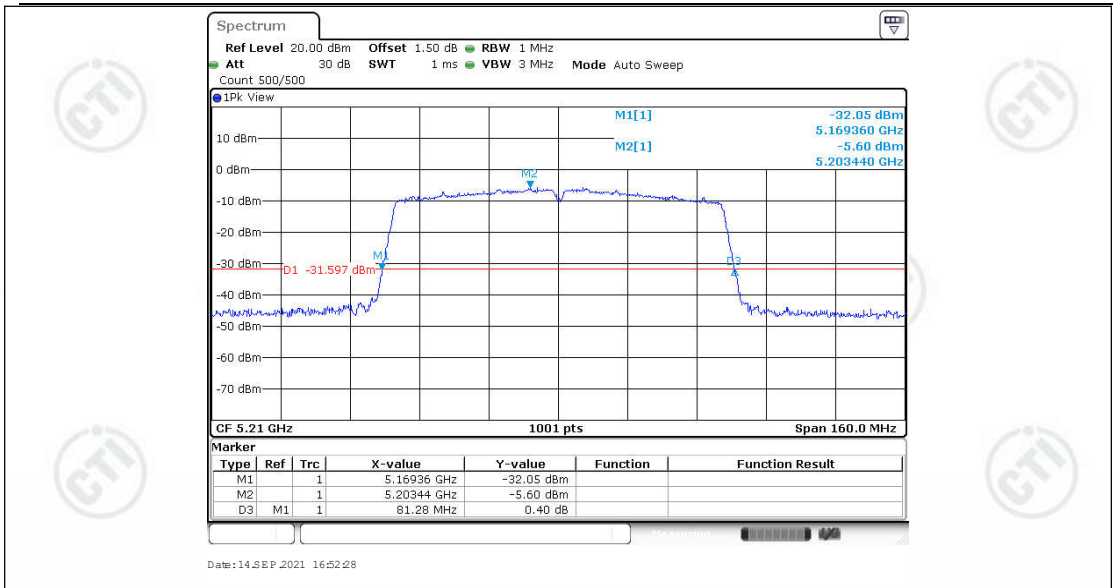
11AC40SISO_Ant1_5230



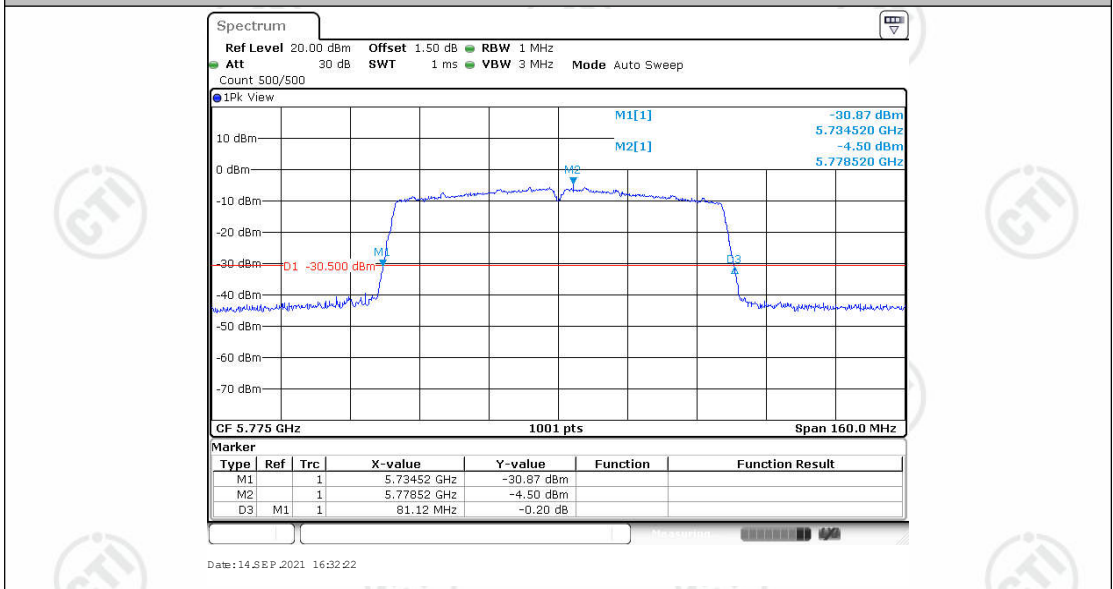
11AC40SISO_Ant1_5755



11AC40SISO_Ant1_5795



11AC80SISO_Ant1_5210



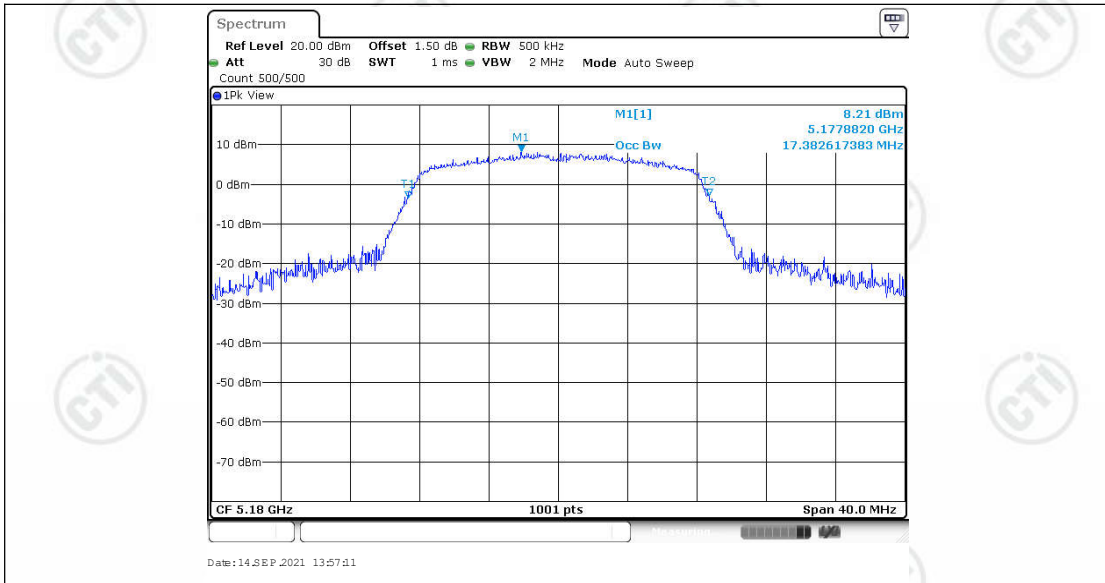
11AC80SISO_Ant1_5775

Appendix A2: Occupied channel bandwidth

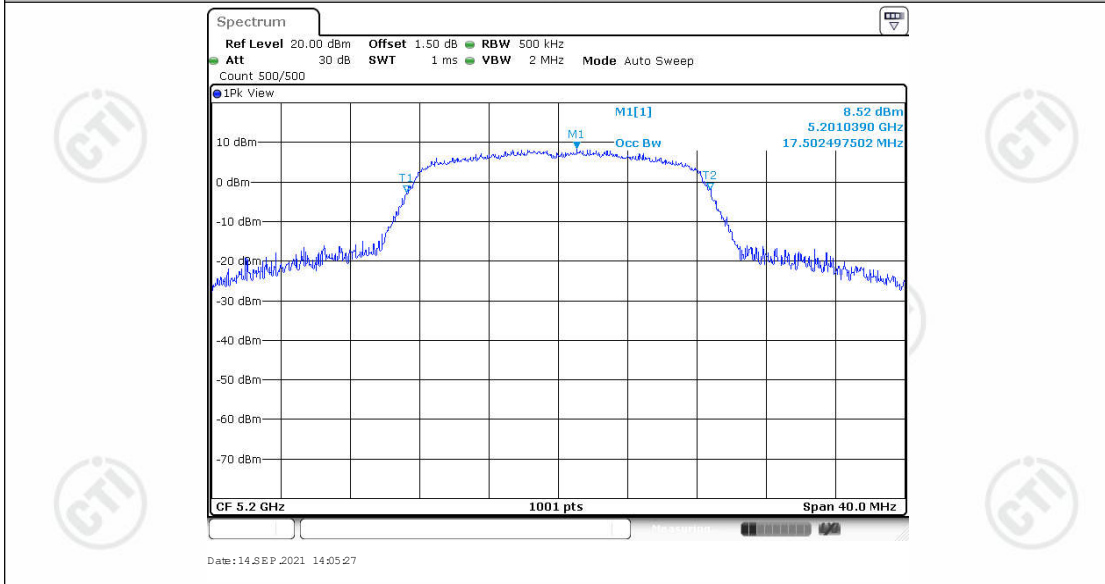
Test Result

Test Mode	Antenna	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5180	17.383	5171.329	5188.711	---	PASS
		5200	17.502	5191.249	5208.751	---	PASS
		5240	17.423	5231.289	5248.711	---	PASS
		5745	17.383	5736.329	5753.711	---	PASS
		5785	17.383	5776.329	5793.711	---	PASS
		5825	17.343	5816.329	5833.671	---	PASS
11N20SISO	Ant1	5180	18.222	5170.889	5189.111	---	PASS
		5200	18.222	5190.889	5209.111	---	PASS
		5240	18.182	5230.929	5249.111	---	PASS
		5745	18.102	5735.969	5754.071	---	PASS
		5785	18.182	5775.929	5794.111	---	PASS
		5825	18.142	5815.929	5834.071	---	PASS
11N40SISO	Ant1	5190	36.603	5171.698	5208.302	---	PASS
		5230	36.444	5211.778	5248.222	---	PASS
		5755	36.523	5736.778	5773.302	---	PASS
		5795	36.523	5776.698	5813.222	---	PASS
11AC20SISO	Ant1	5180	18.062	5170.969	5189.031	---	PASS
		5200	18.062	5190.969	5209.031	---	PASS
		5240	18.062	5230.969	5249.031	---	PASS
		5745	18.062	5736.009	5754.071	---	PASS
		5785	18.102	5775.969	5794.071	---	PASS
		5825	18.102	5815.929	5834.031	---	PASS
11AC40SISO	Ant1	5190	36.444	5171.778	5208.222	---	PASS
		5230	36.364	5211.858	5248.222	---	PASS
		5755	36.523	5736.698	5773.222	---	PASS
		5795	36.444	5776.778	5813.222	---	PASS
11AC80SISO	Ant1	5210	75.285	5172.278	5247.562	---	PASS
		5775	75.285	5737.438	5812.722	---	PASS

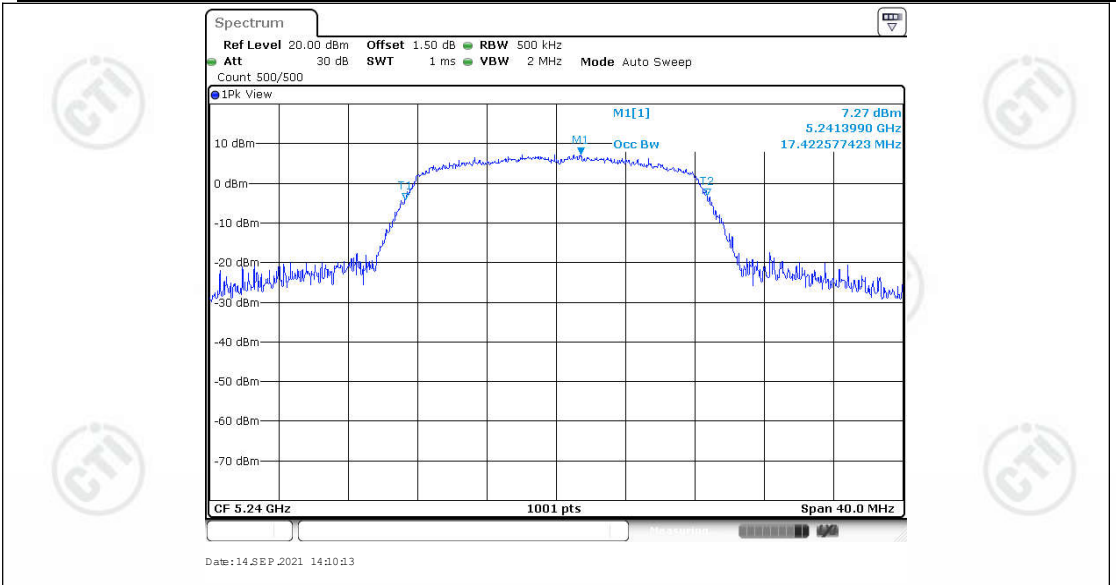
Test Graphs



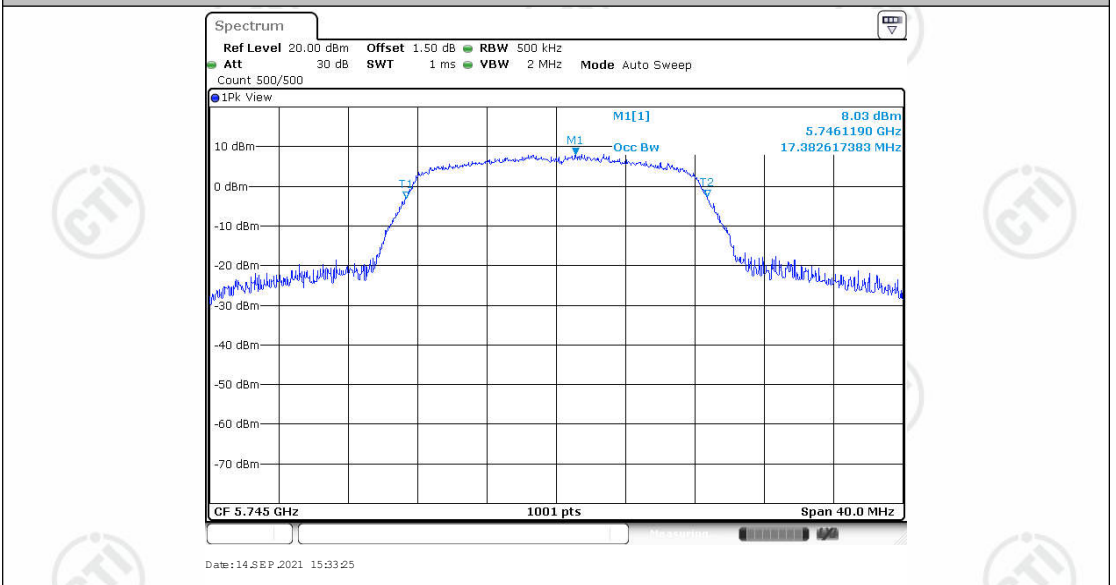
11A_Ant1_5180



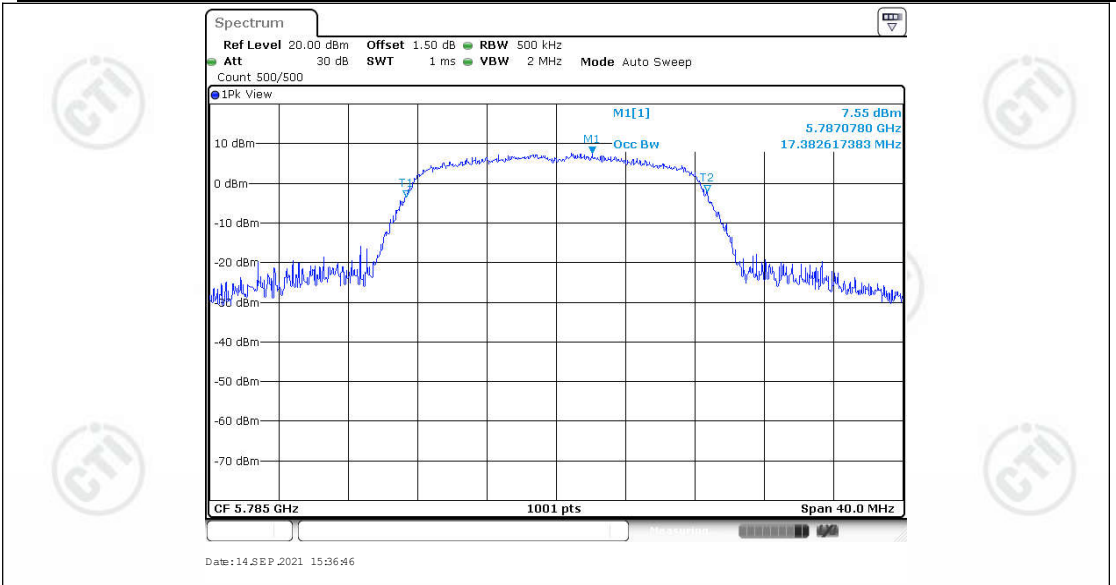
11A_Ant1_5200



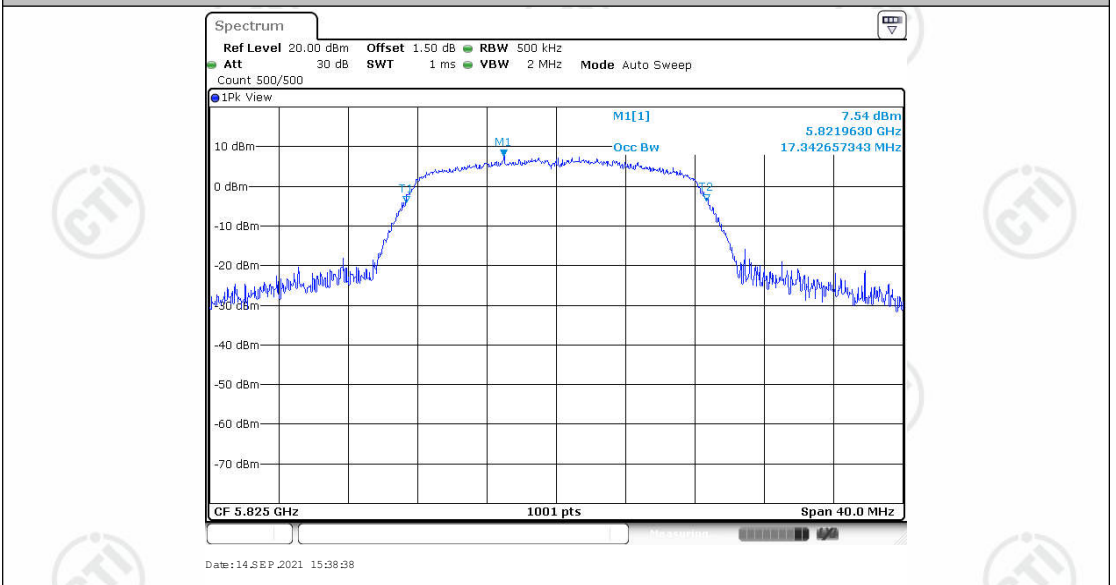
11A_Ant1_5240



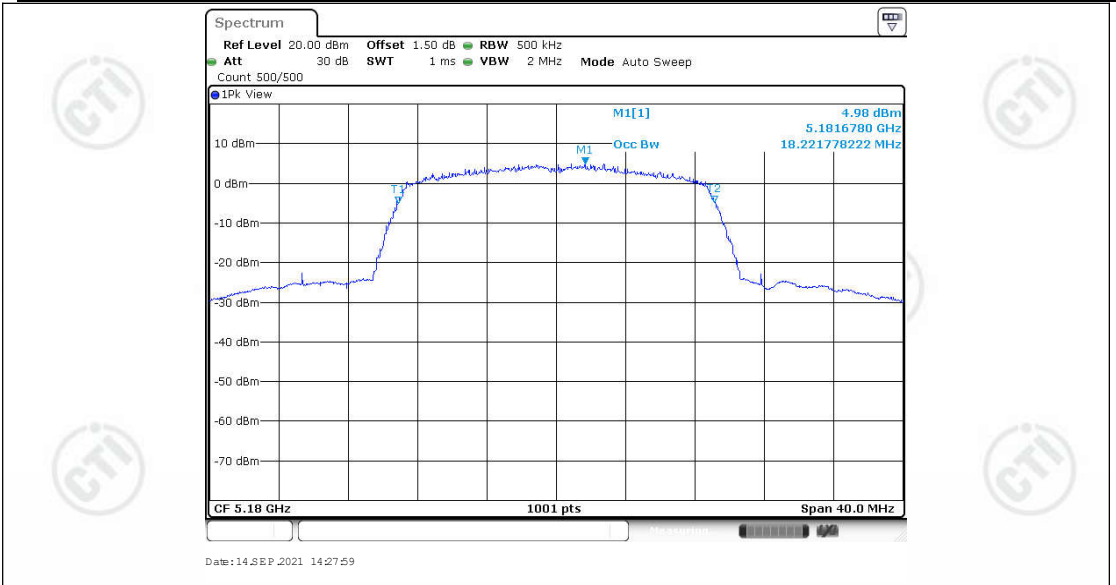
11A_Ant1_5745



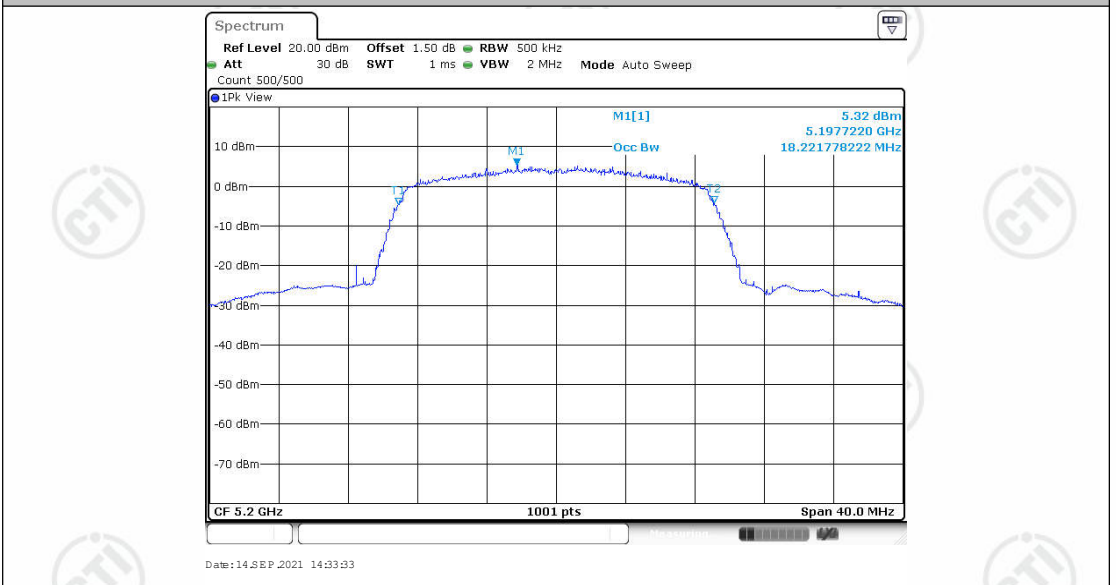
11A_Ant1_5785



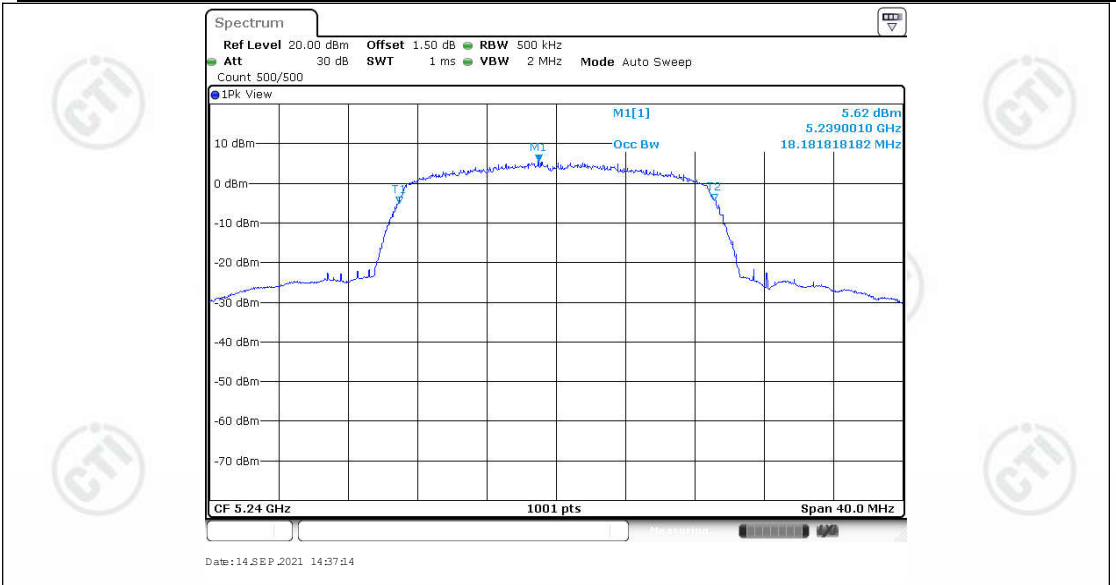
11A_Ant1_5825



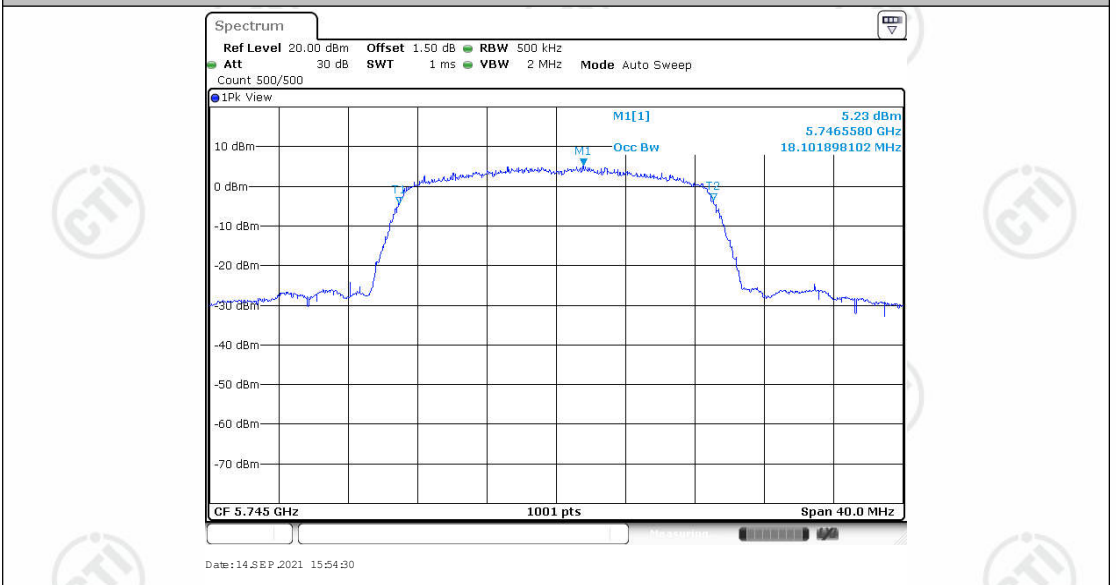
11N20SISO_Ant1_5180



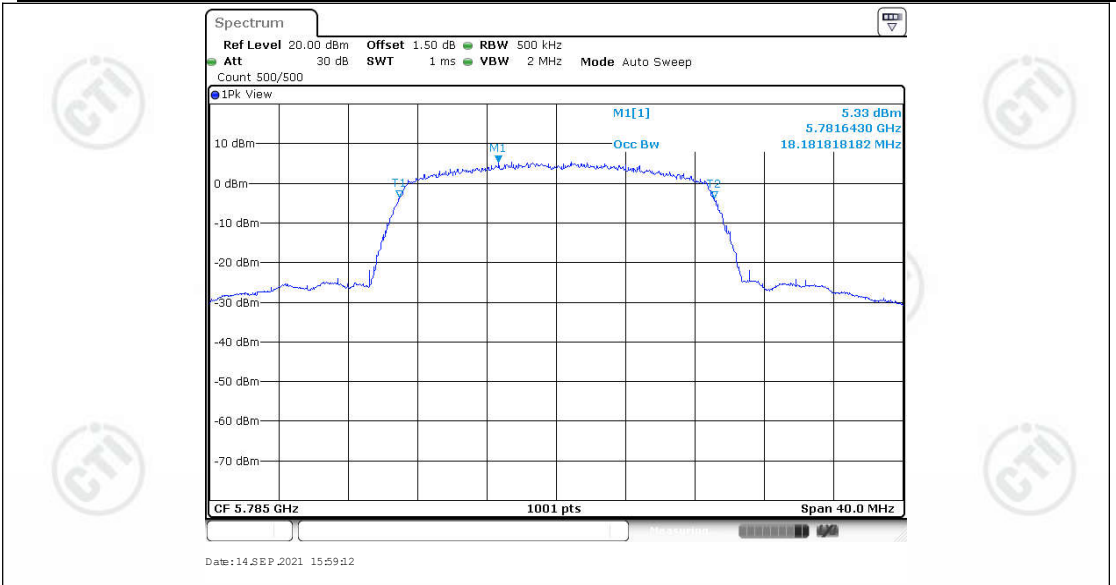
11N20SISO_Ant1_5200



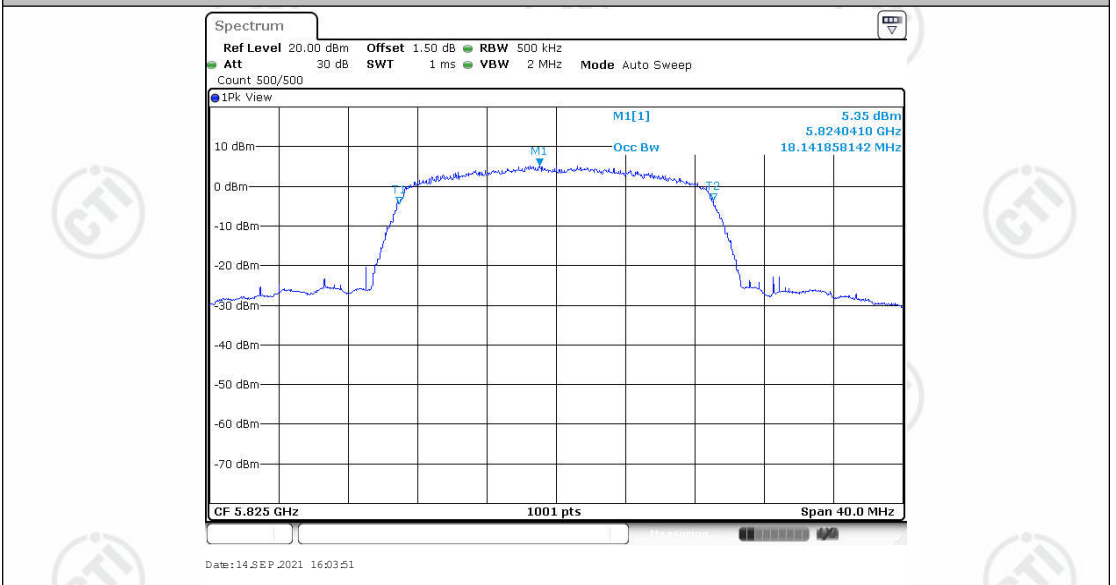
11N20SISO_Ant1_5240



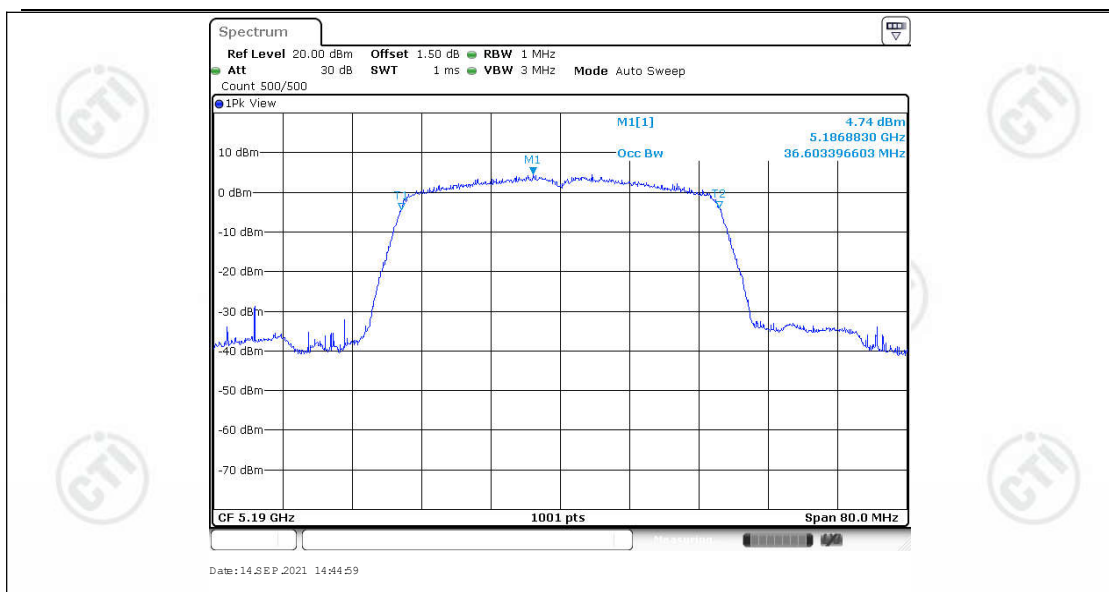
11N20SISO_Ant1_5745



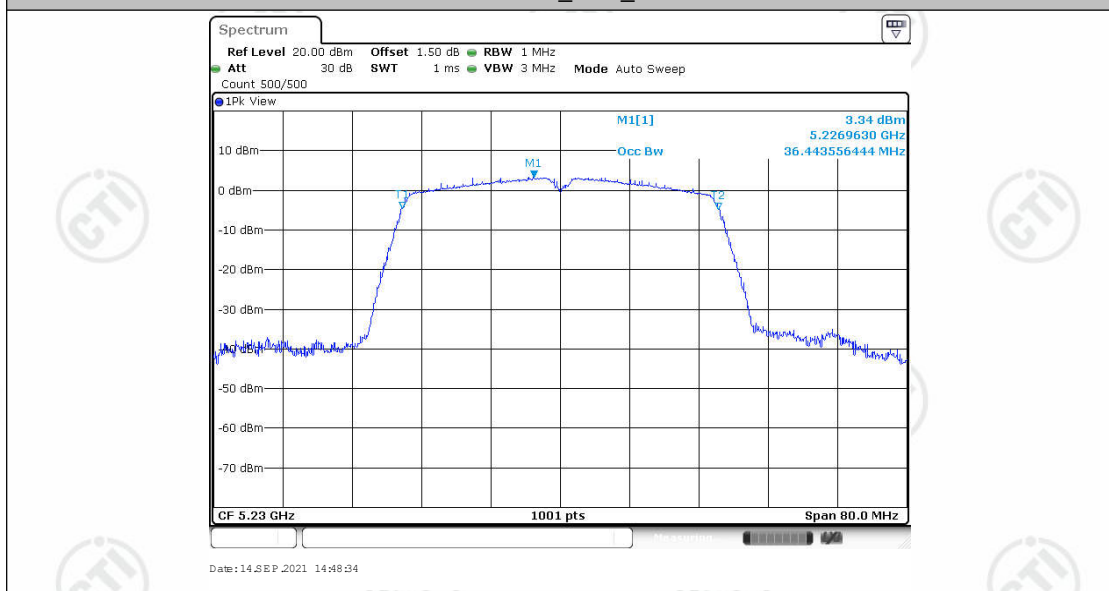
11N20SISO_Ant1_5785



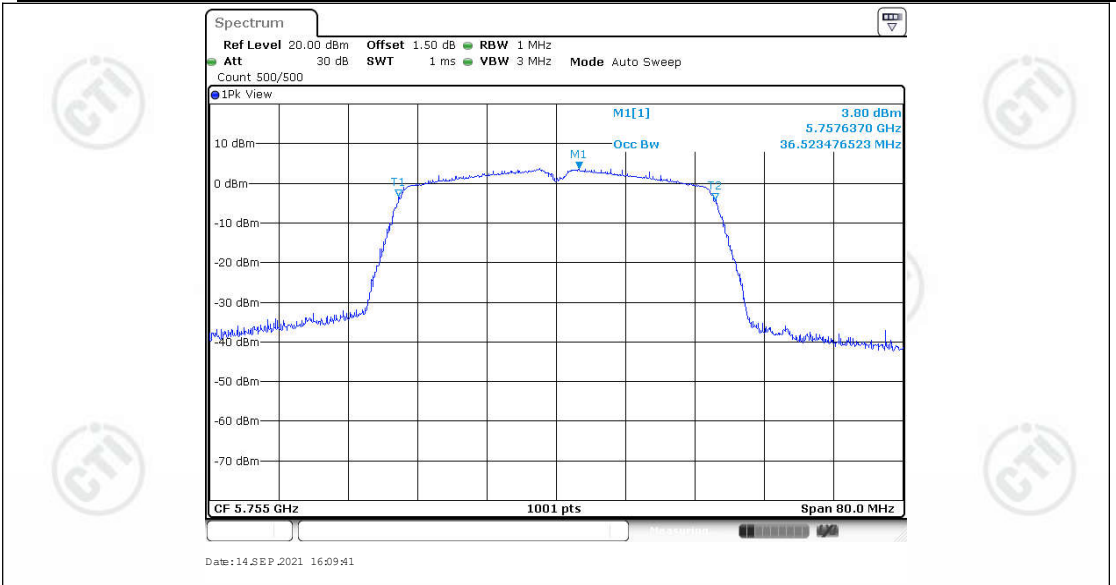
11N20SISO_Ant1_5825



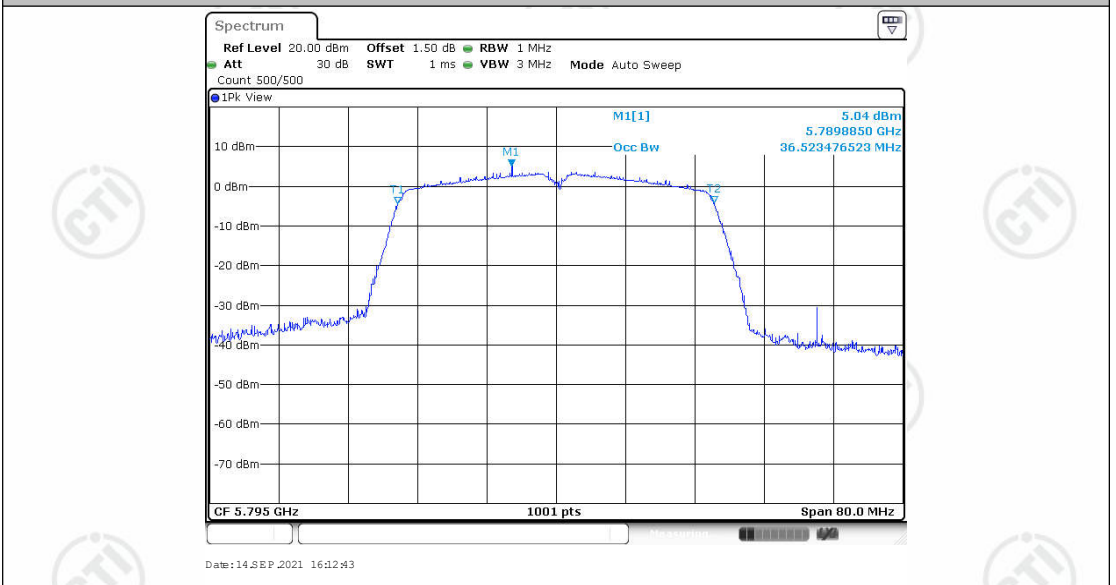
11N40SISO_Ant1_5190



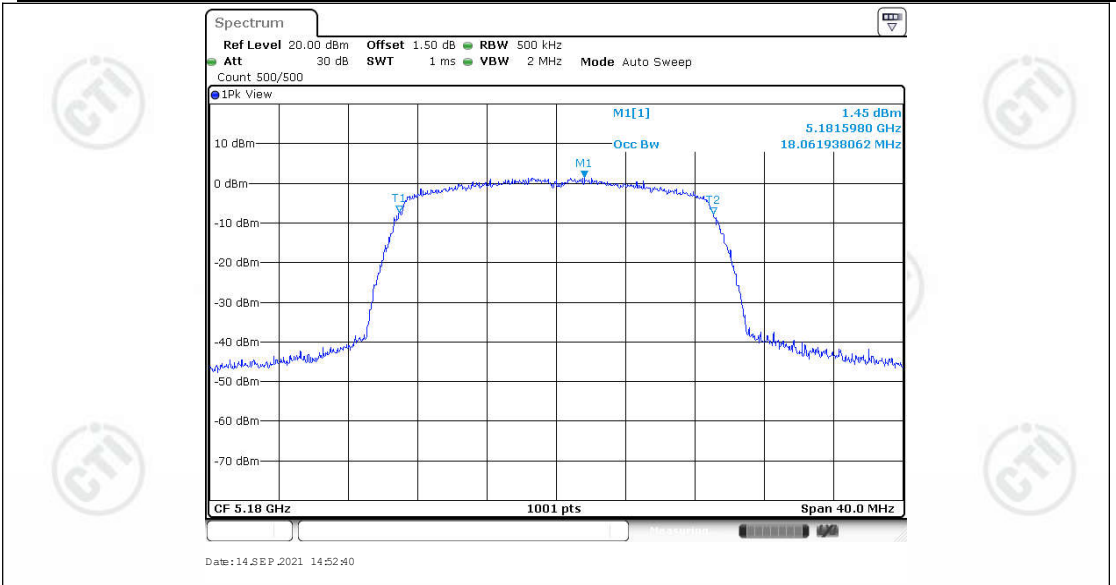
11N40SISO_Ant1_5230



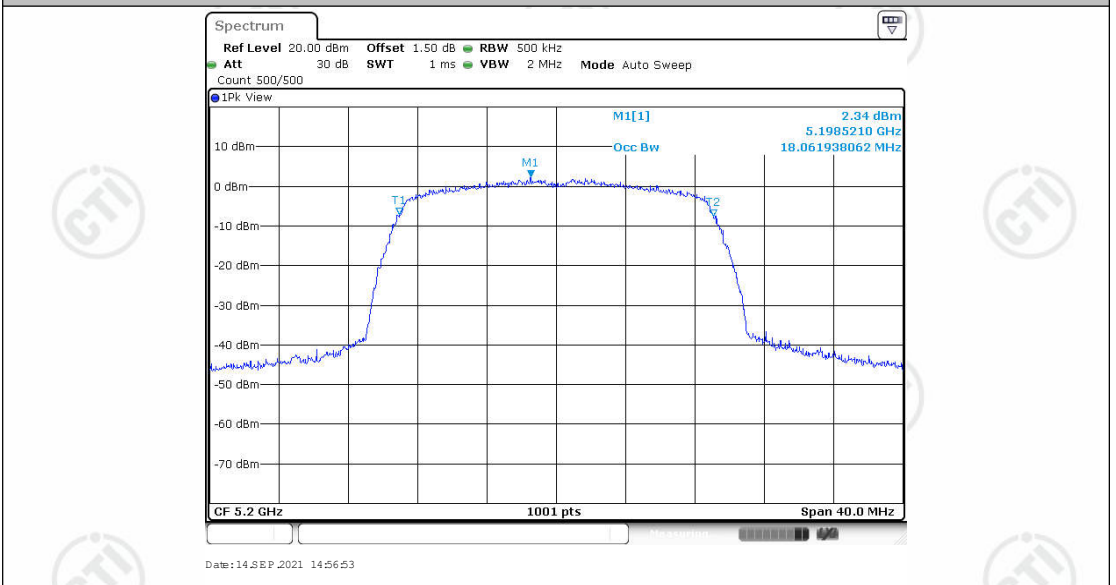
11N40SISO_Ant1_5755



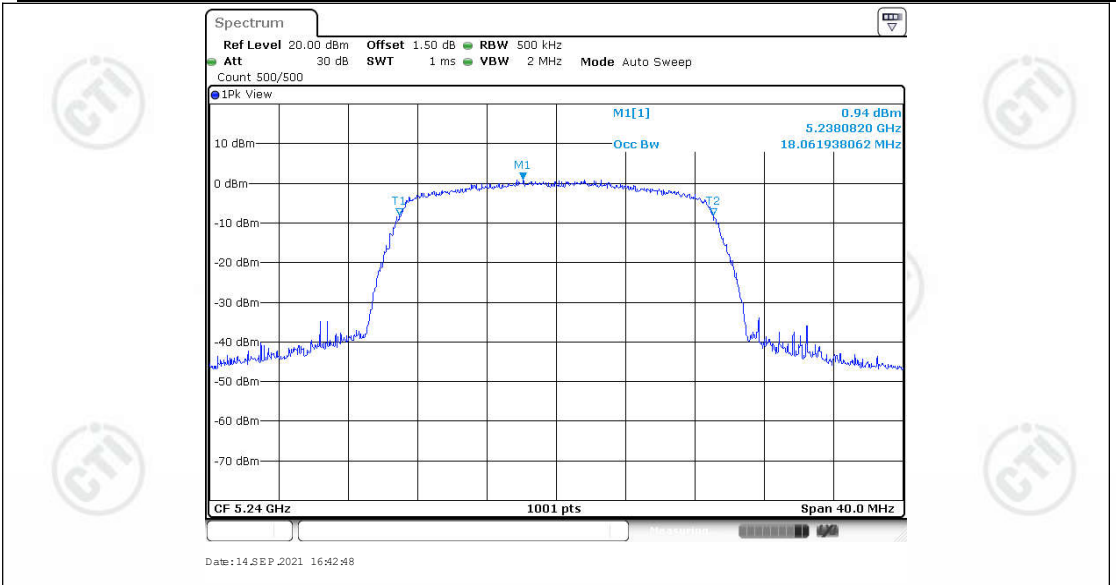
11N40SISO_Ant1_5795



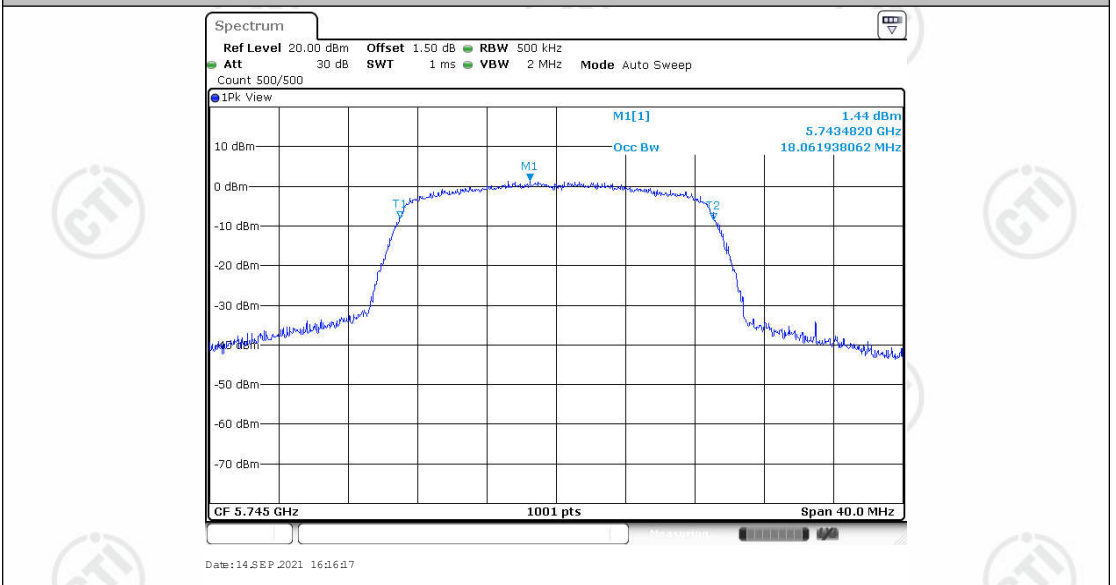
11AC20SISO_Ant1_5180



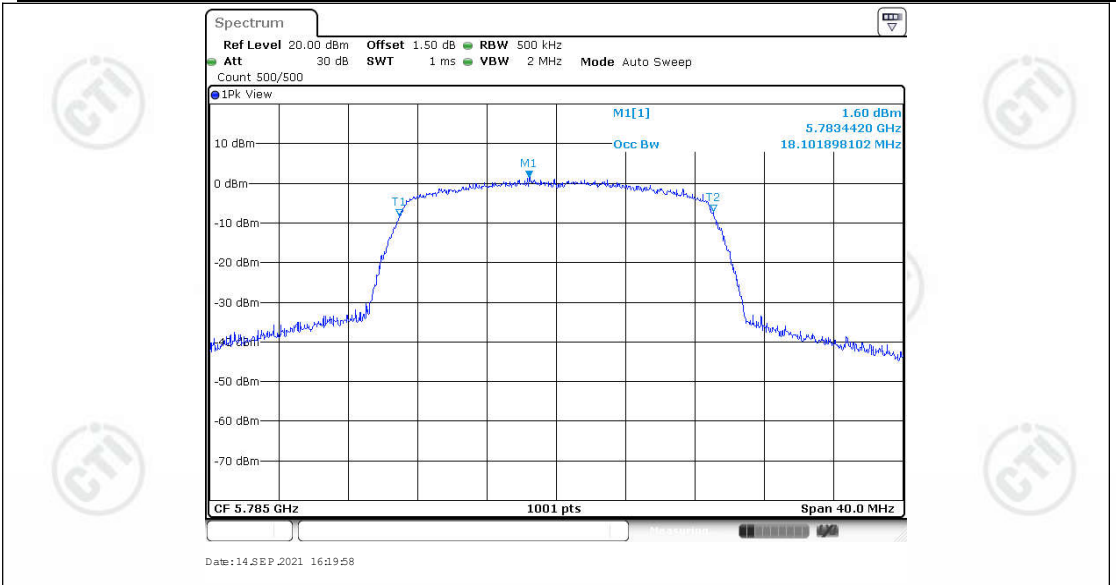
11AC20SISO_Ant1_5200



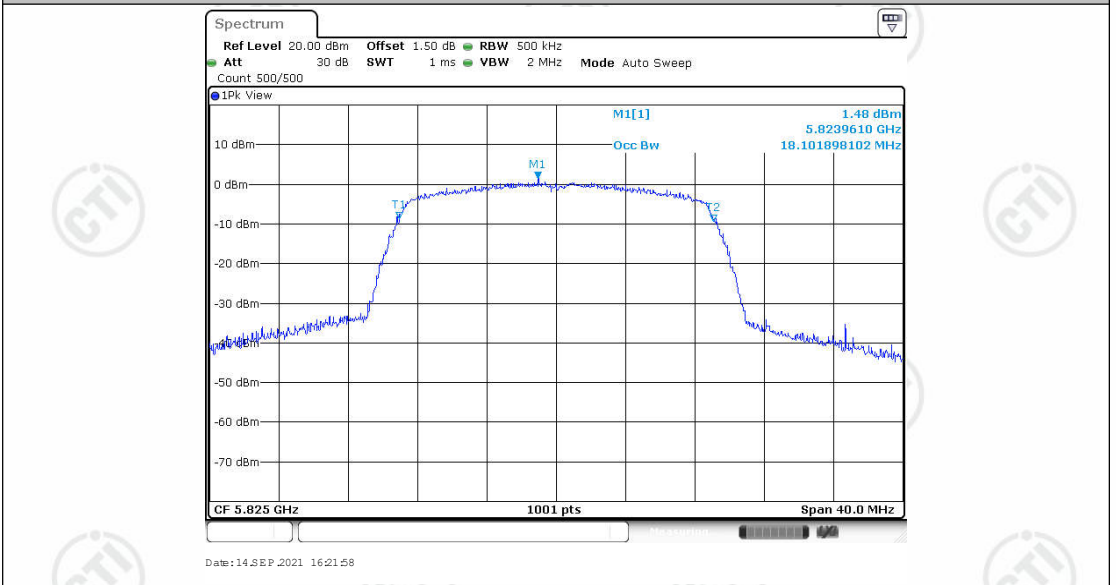
11AC20SISO_Ant1_5240



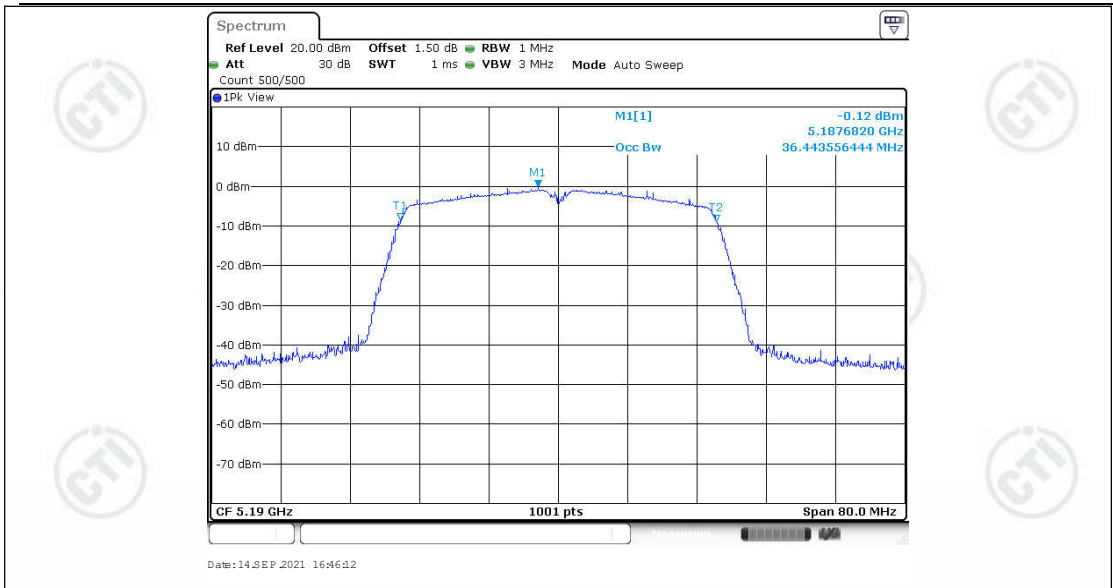
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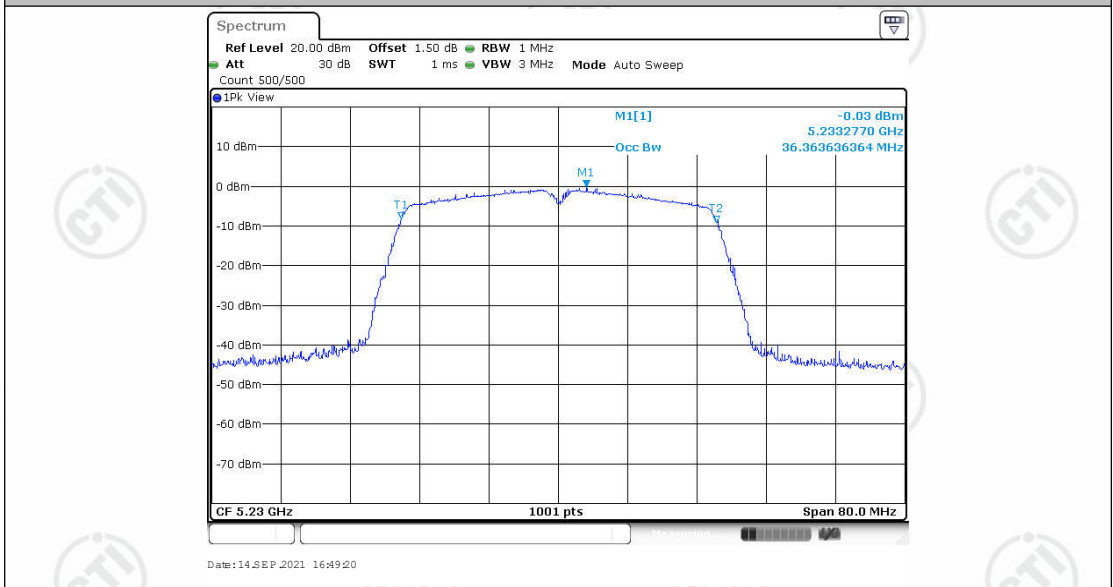
11AC20SISO_Ant1_5785



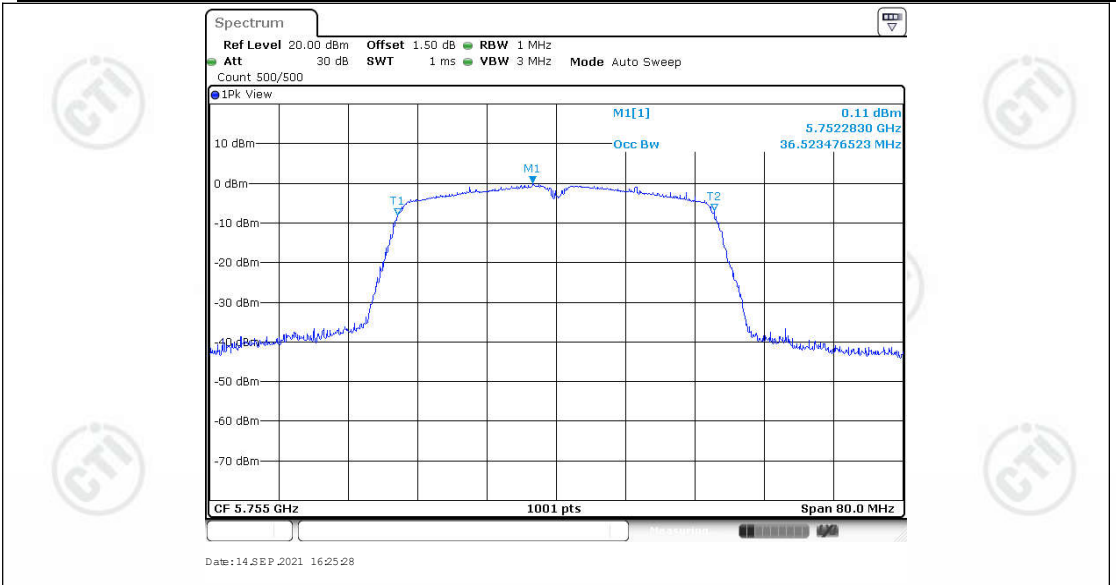
11AC20SISO_Ant1_5825



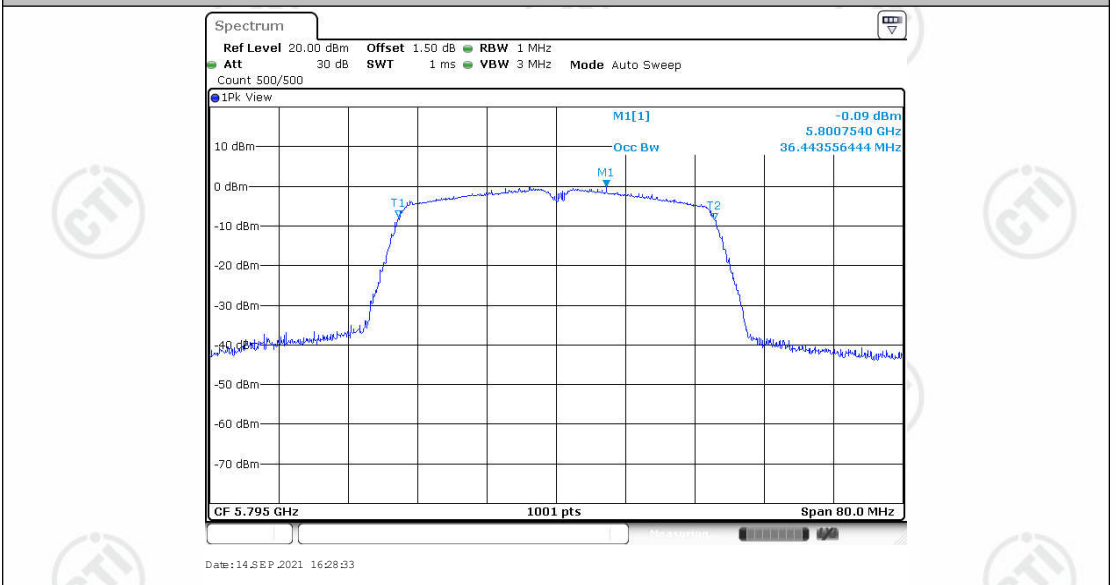
11AC40SISO_Ant1_5190



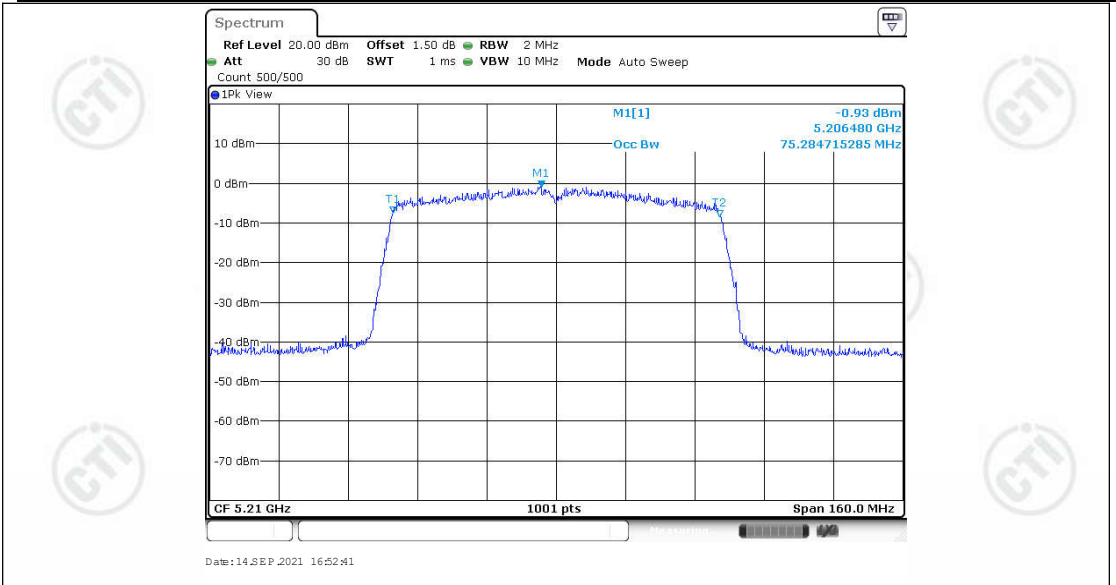
11AC40SISO_Ant1_5230



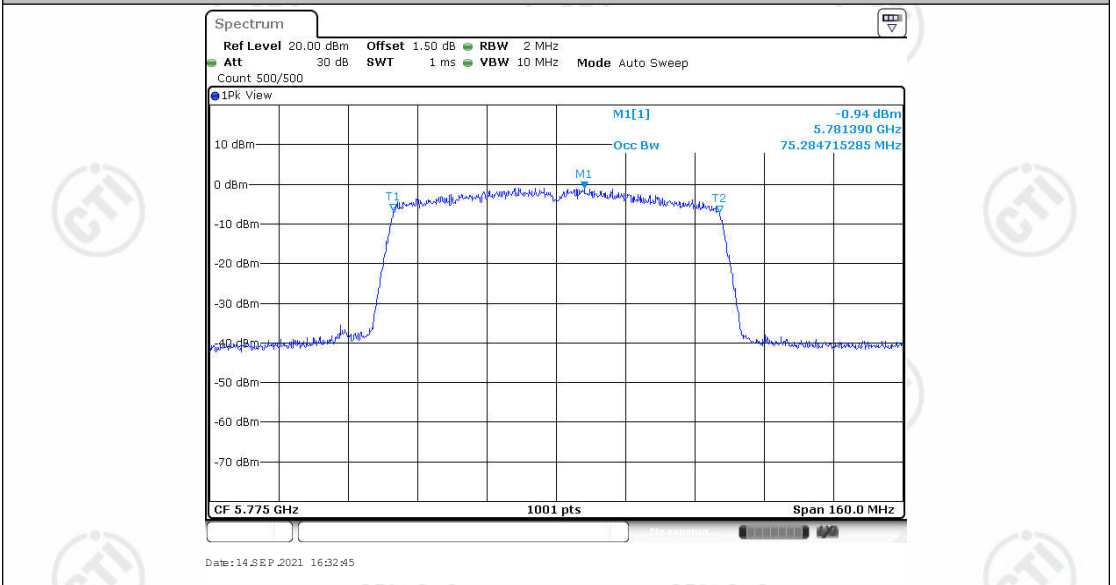
11AC40SISO_Ant1_5755



11AC40SISO_Ant1_5795



11AC80SISO_Ant1_5210



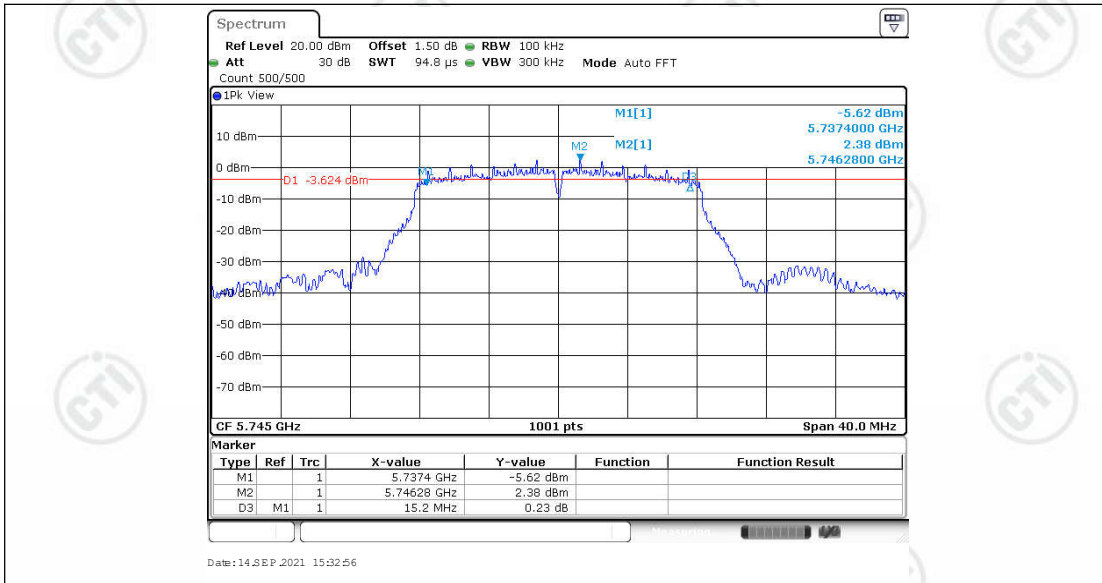
11AC80SISO_Ant1_5775

Appendix A3: Min emission bandwidth

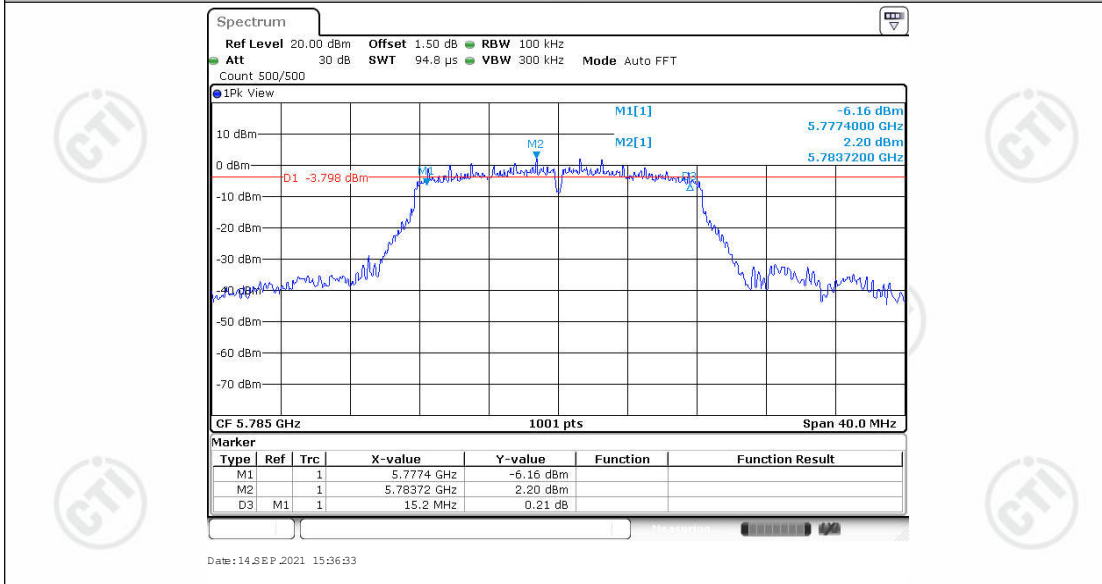
Test Result

Test Mode	Antenna	Channel	6db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5745	15.200	5737.400	5752.600	0.5	PASS
		5785	15.200	5777.400	5792.600	0.5	PASS
		5825	15.200	5817.400	5832.600	0.5	PASS
11N20SISO	Ant1	5745	15.200	5737.400	5752.600	0.5	PASS
		5785	17.000	5776.440	5793.440	0.5	PASS
		5825	15.120	5817.440	5832.560	0.5	PASS
11N40SISO	Ant1	5755	35.280	5737.400	5772.680	0.5	PASS
		5795	35.280	5777.400	5812.680	0.5	PASS
11AC20SISO	Ant1	5745	15.200	5737.400	5752.600	0.5	PASS
		5785	15.200	5777.400	5792.600	0.5	PASS
		5825	15.200	5817.400	5832.600	0.5	PASS
11AC40SISO	Ant1	5755	35.280	5737.400	5772.680	0.5	PASS
		5795	35.280	5777.400	5812.680	0.5	PASS
11AC80SISO	Ant1	5775	75.520	5737.240	5812.760	0.5	PASS

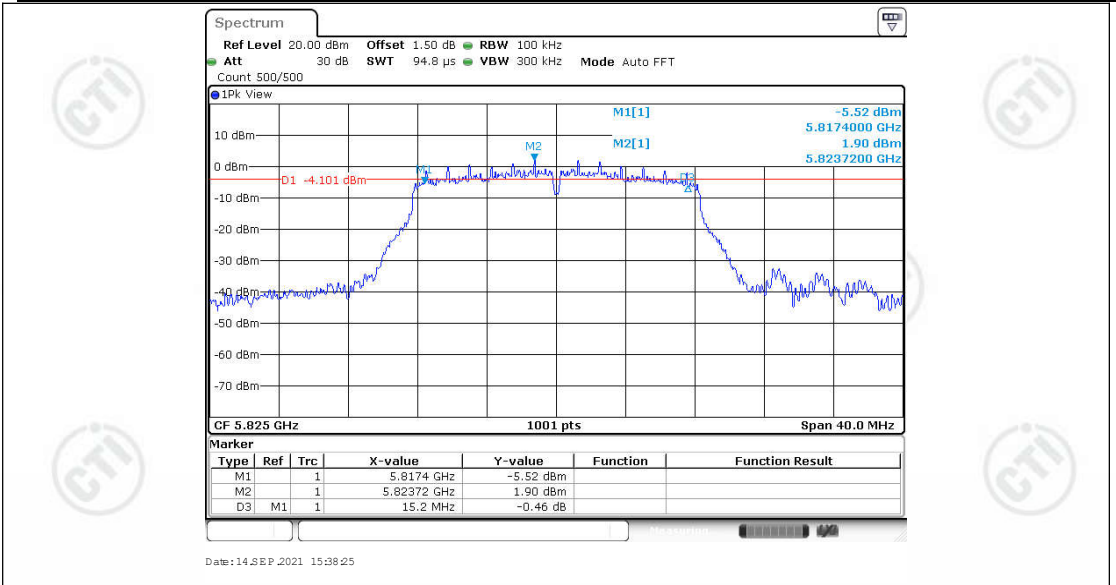
Test Graphs



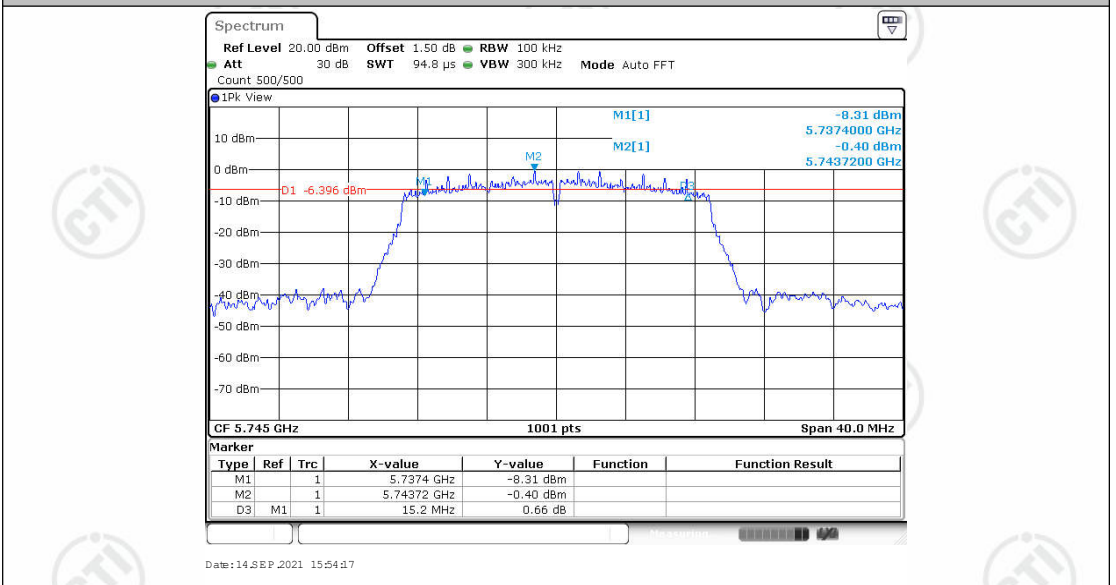
11A_Ant1_5745



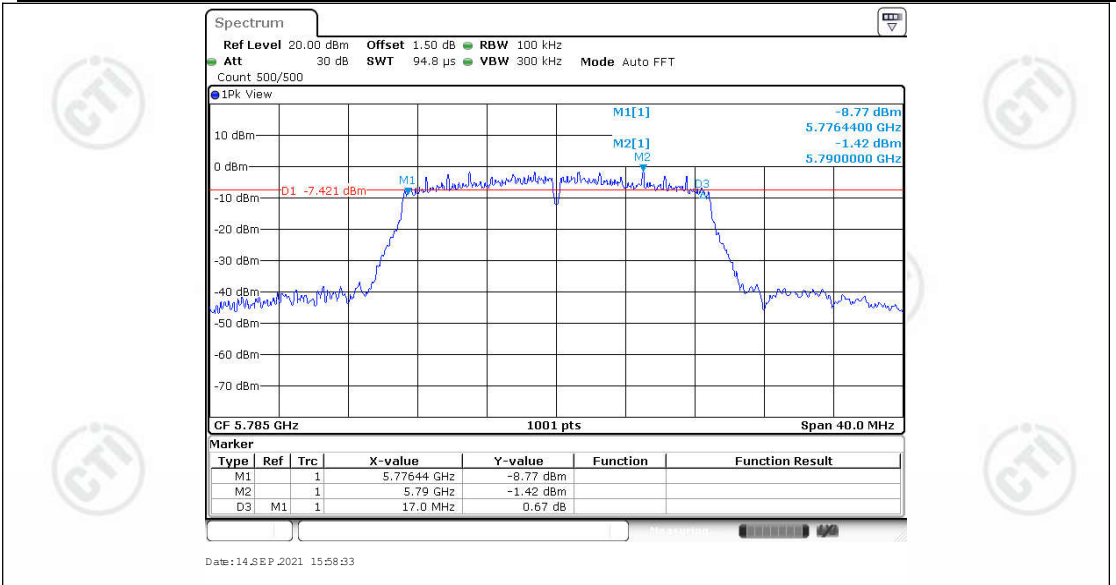
11A_Ant1_5785



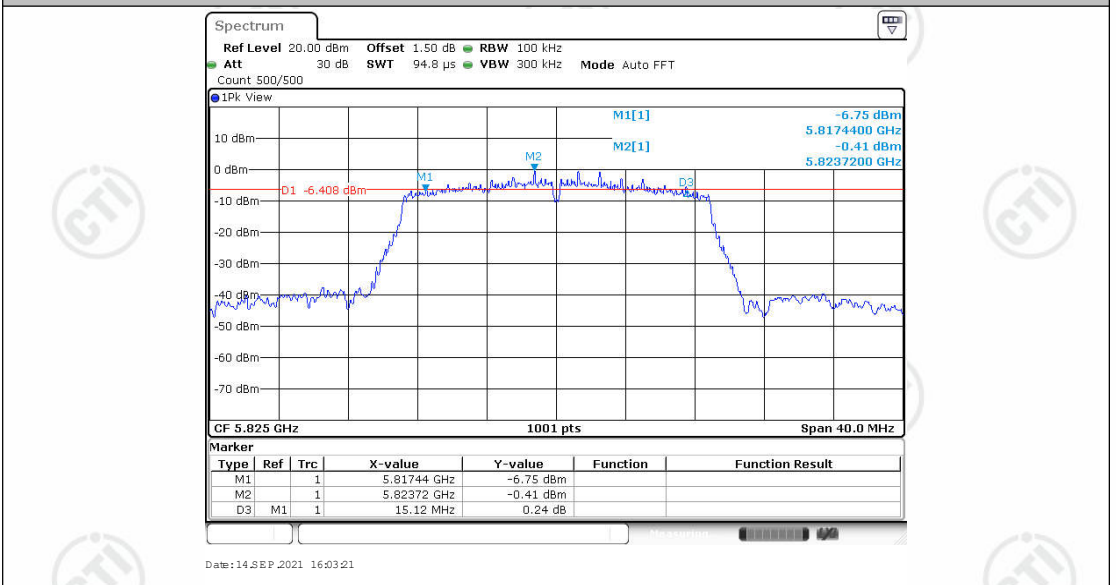
11A_Ant1_5825



11N20SISO_Ant1_5745



11N20SISO_Ant1_5785



11N20SISO_Ant1_5825

