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Appendix for 5G WIFI

Applicant: Shenzhen Skyworth Digital Technology Co.,LTD.

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Nanshan District, Shenzhen, China**

Model: HP5116

FCC ID: WNA-HP5116

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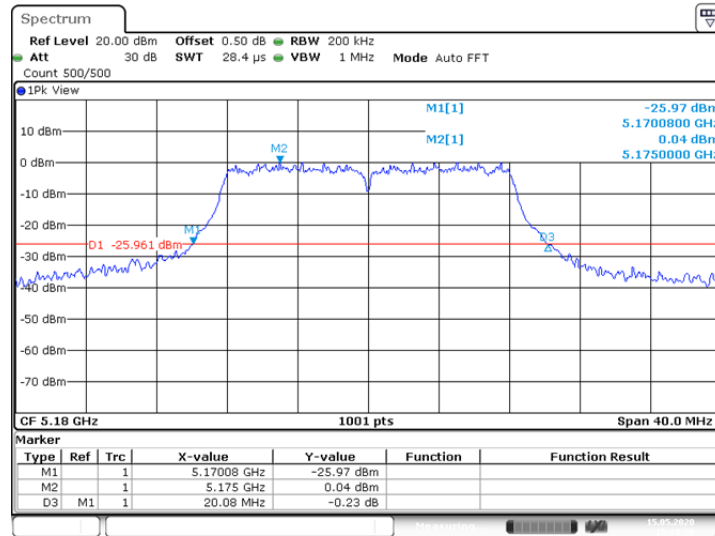
Appendix A1: Emission Bandwidth

Test Result

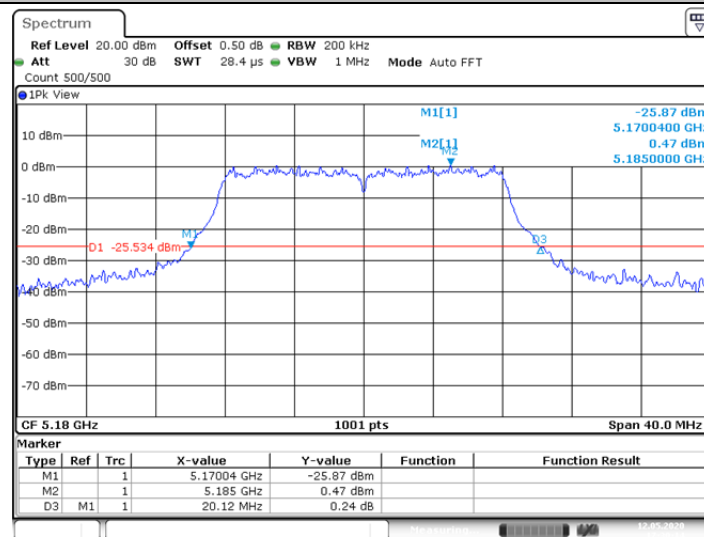
Test Mode	Antenna	Channel	26db EBW [MHz]	F _L [MHz]	F _H [MHz]	Verdict
11A	Ant1	5180	20.800	5169.640	5190.440	PASS
	Ant2	5180	20.120	5170.040	5190.160	PASS
	Ant1	5200	20.000	5190.120	5210.120	PASS
	Ant2	5200	20.040	5190.040	5210.080	PASS
	Ant1	5240	20.120	5230.040	5250.160	PASS
	Ant2	5240	19.960	5230.080	5250.040	PASS
11N20SISO	Ant1	5180	21.360	5169.200	5190.560	PASS
	Ant2	5180	21.720	5169.320	5191.040	PASS
	Ant1	5200	20.840	5189.600	5210.440	PASS
	Ant2	5200	21.200	5189.360	5210.560	PASS
	Ant1	5240	20.840	5229.600	5250.440	PASS
	Ant2	5240	21.000	5229.360	5250.360	PASS
11N40SISO	Ant1	5190	43.680	5168.160	5211.840	PASS
	Ant2	5190	43.600	5168.320	5211.920	PASS
	Ant1	5230	44.080	5208.080	5252.160	PASS
	Ant2	5230	43.360	5208.640	5252.000	PASS
11AC20SISO	Ant1	5180	21.240	5169.320	5190.560	PASS
	Ant2	5180	21.000	5169.480	5190.480	PASS
	Ant1	5200	21.040	5189.600	5210.640	PASS
	Ant2	5200	20.840	5189.680	5210.520	PASS
	Ant1	5240	20.920	5229.640	5250.560	PASS
	Ant2	5240	21.160	5229.400	5250.560	PASS
11AC40SISO	Ant1	5190	43.120	5168.320	5211.440	PASS
	Ant2	5190	43.040	5168.720	5211.760	PASS
	Ant1	5230	42.800	5208.400	5251.200	PASS
	Ant2	5230	42.800	5208.640	5251.440	PASS
11AC80SISO	Ant1	5210	82.560	5169.040	5251.600	PASS
	Ant2	5210	81.440	5169.680	5251.120	PASS

Test Graphs

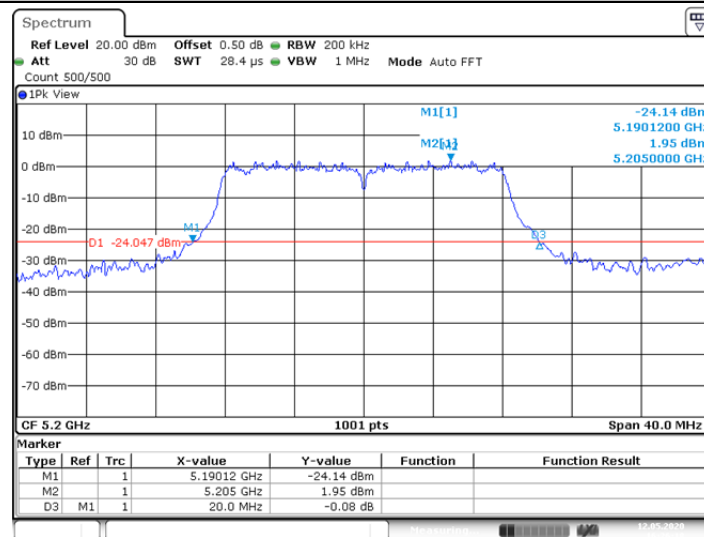
11A_Ant1_5180



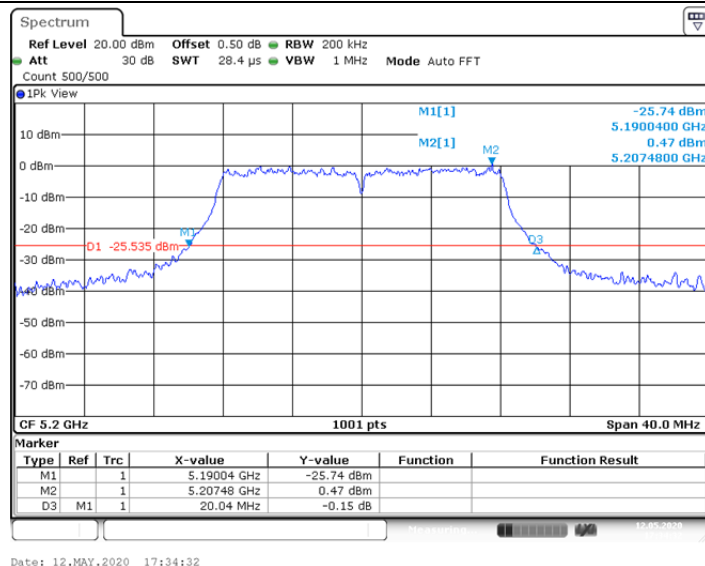
11A_Ant2_5180



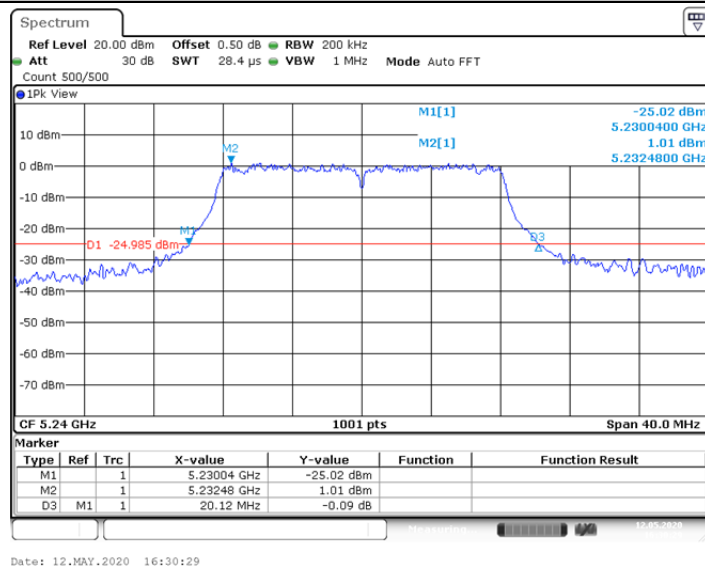
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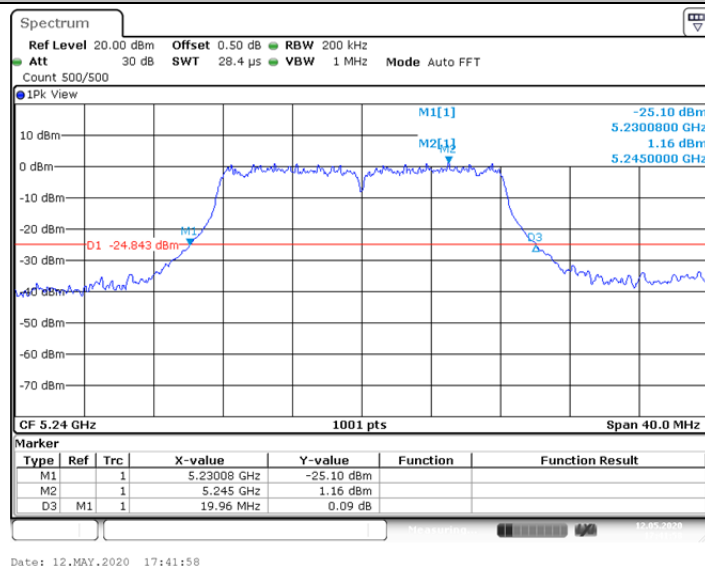
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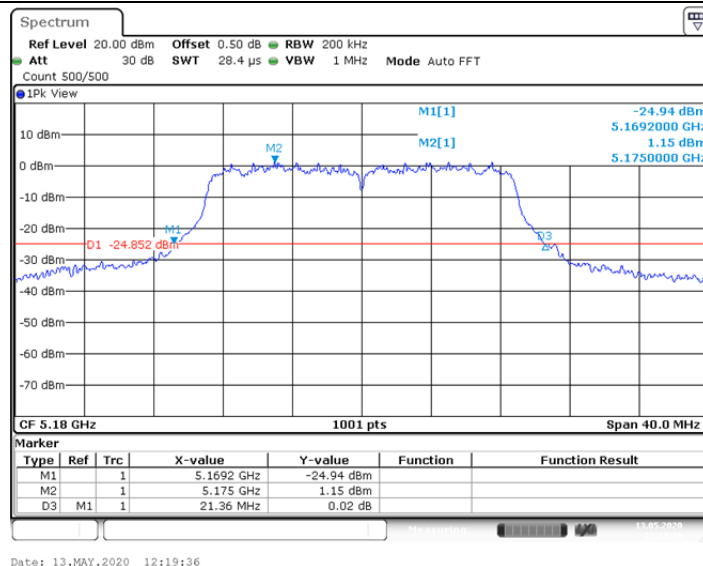
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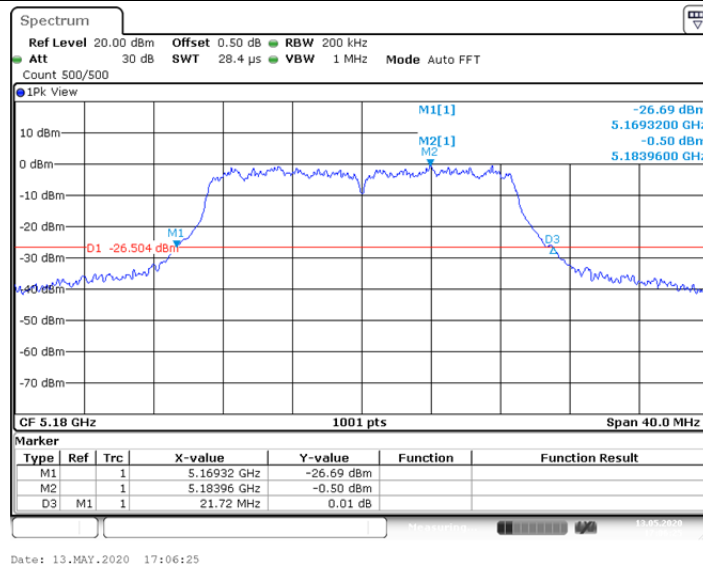
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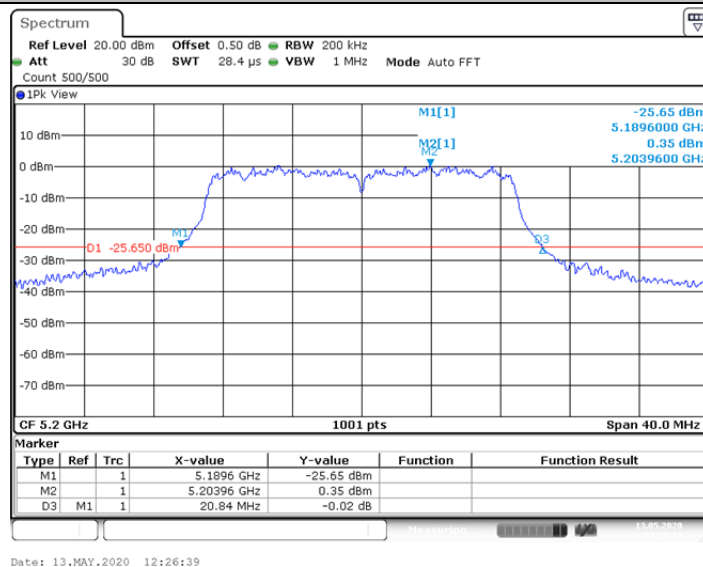
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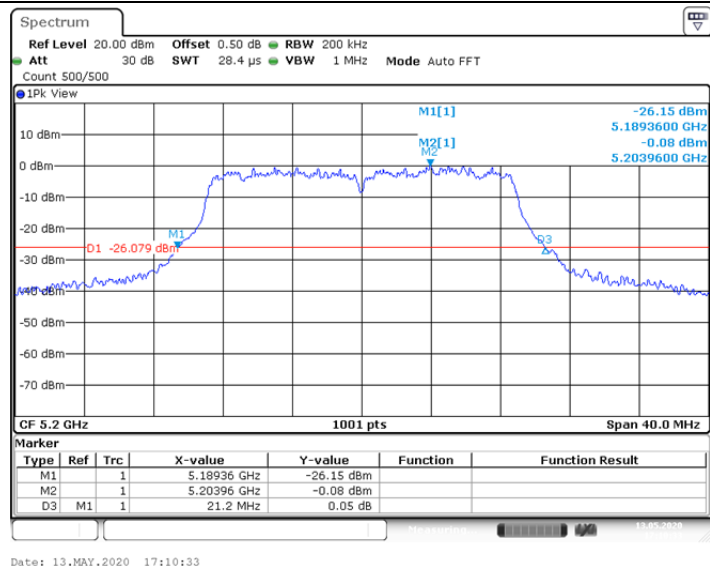
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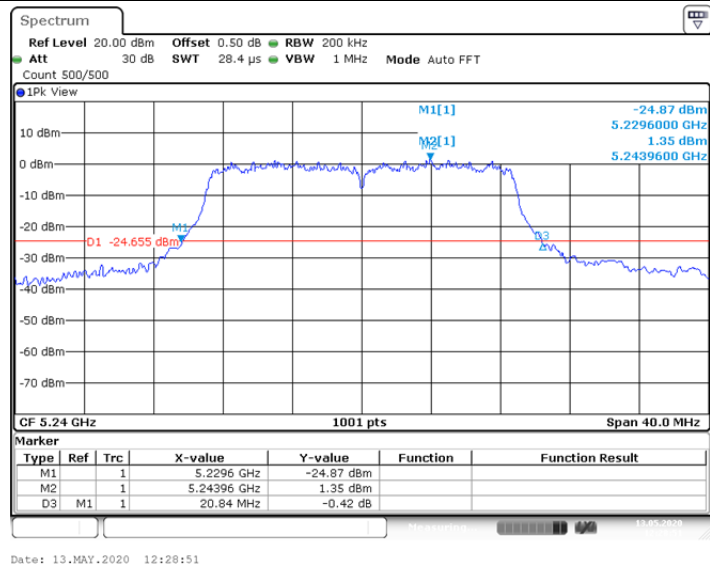
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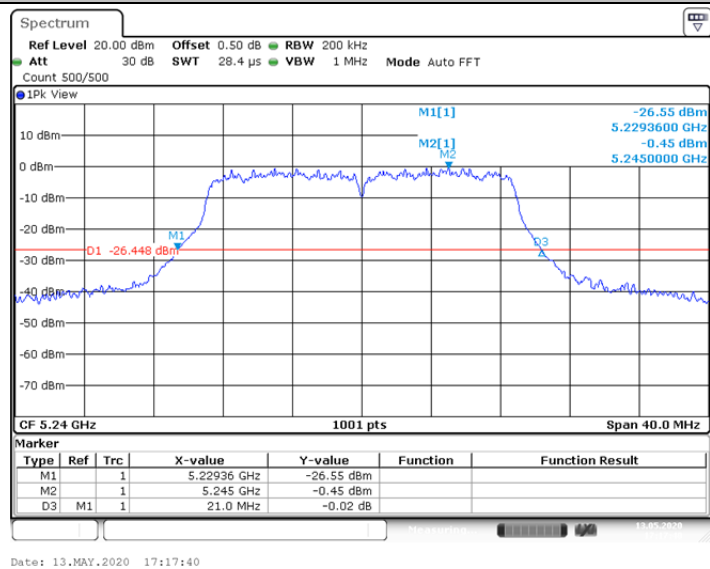
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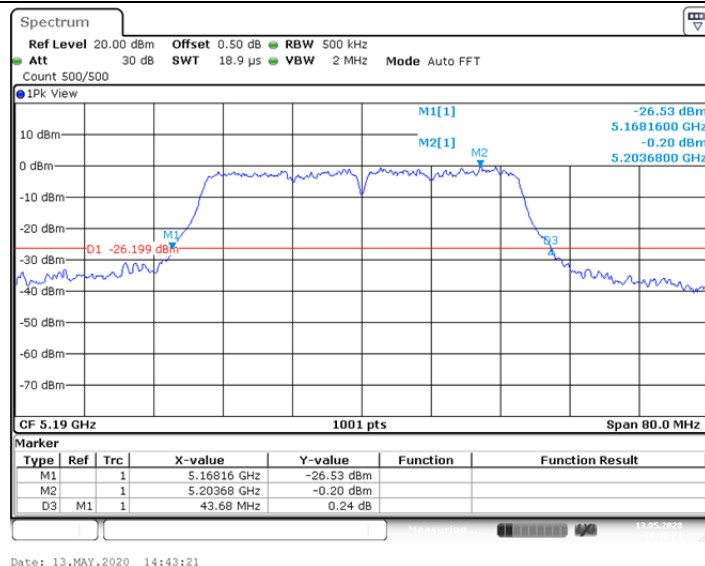
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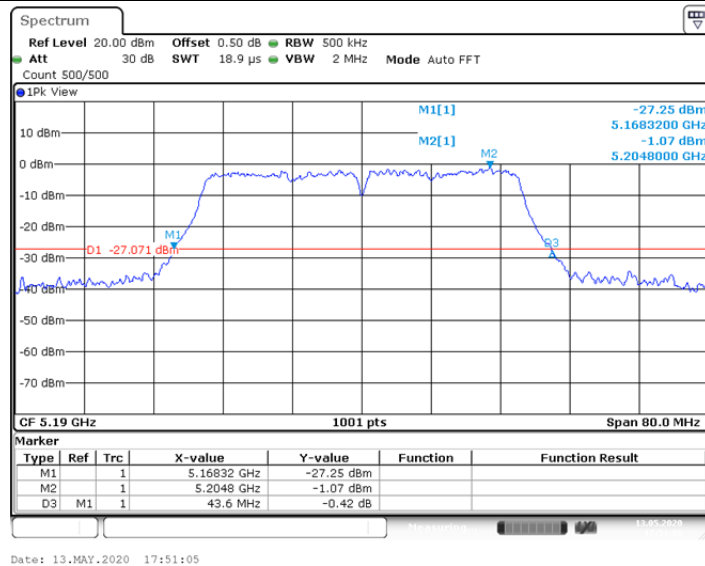
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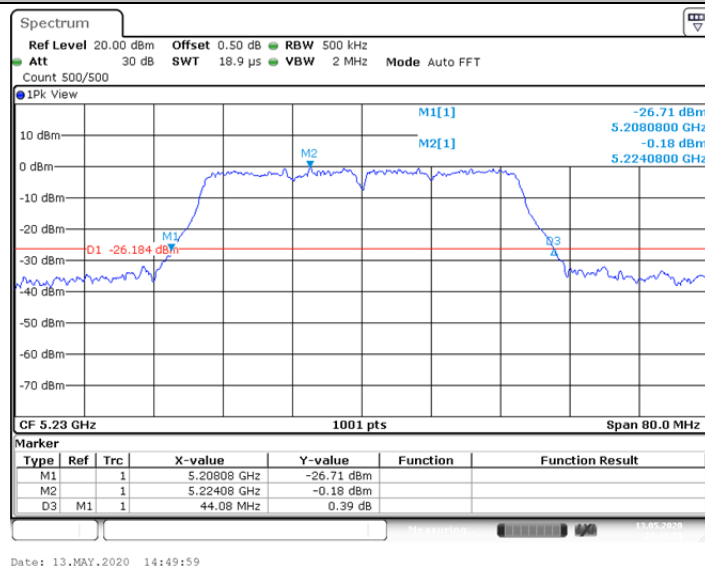
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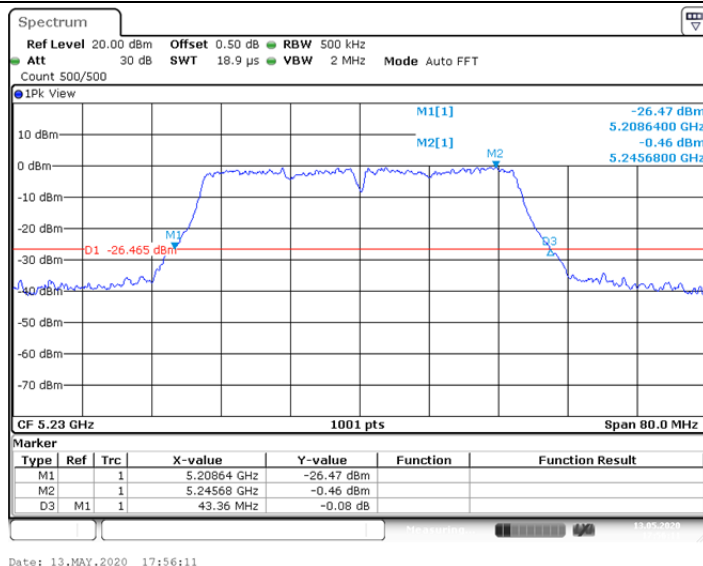
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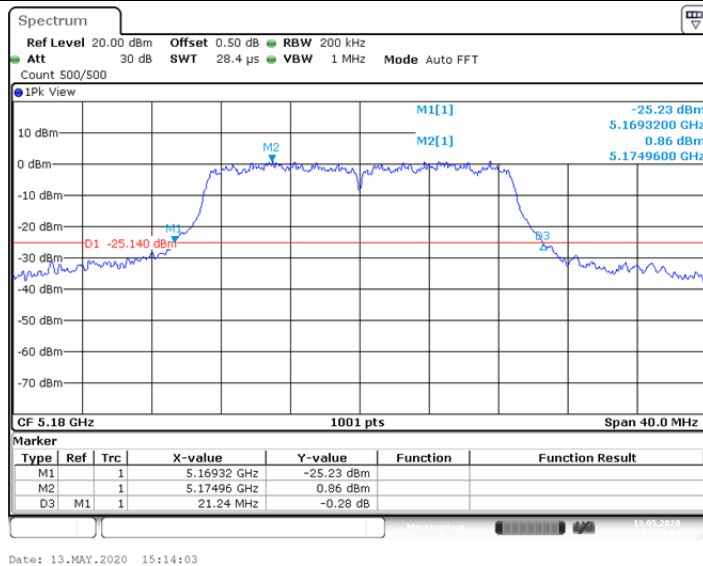
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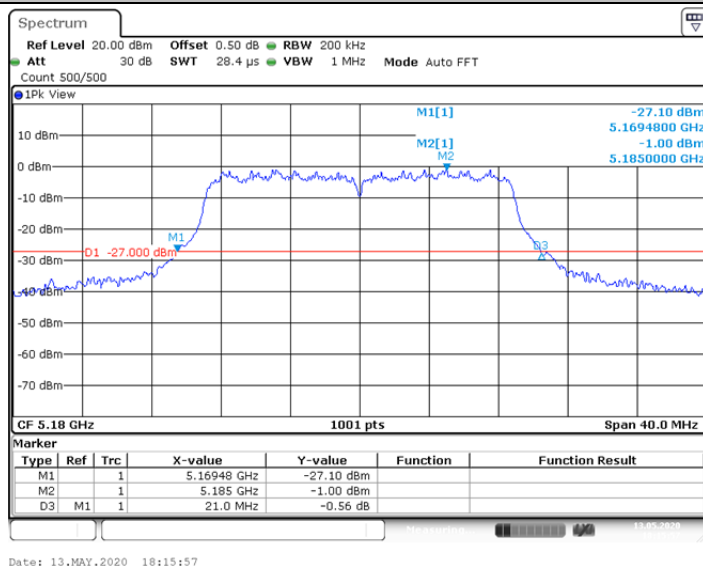
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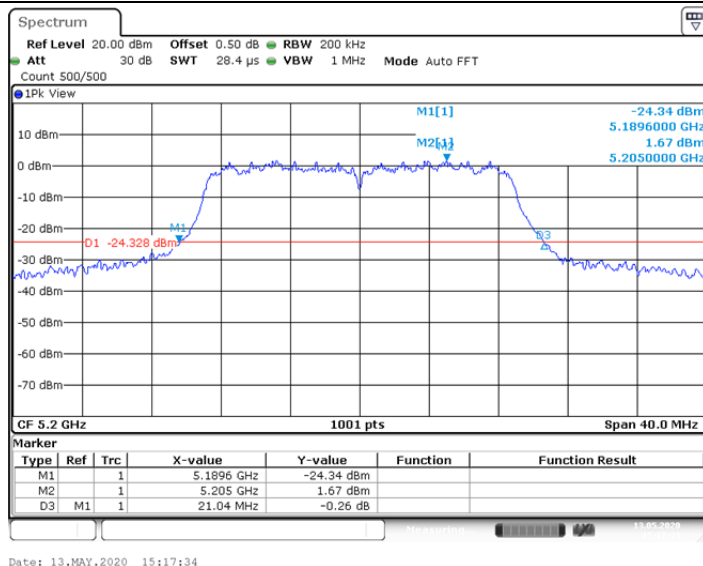
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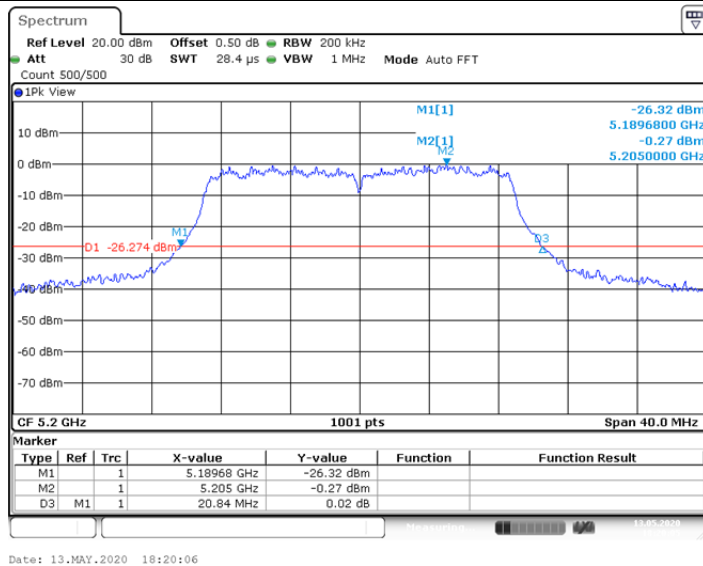
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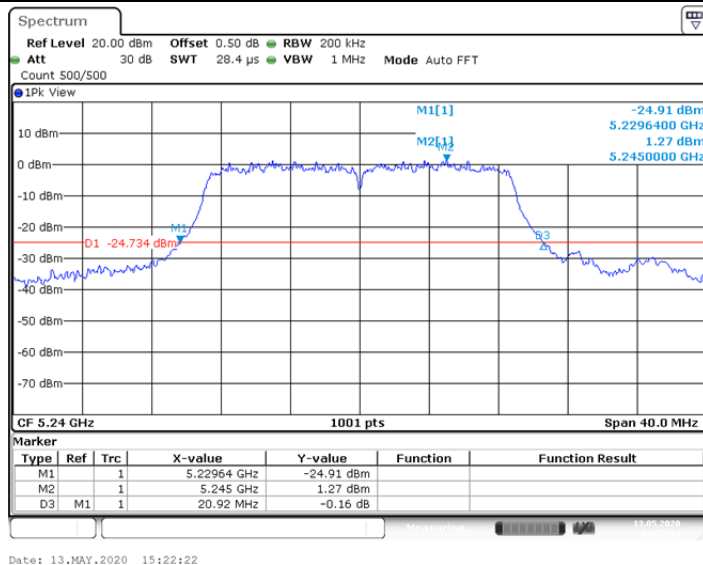
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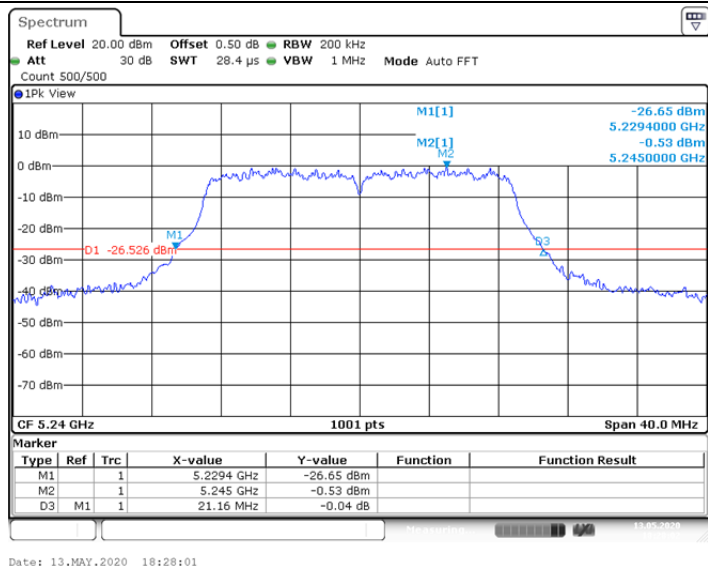
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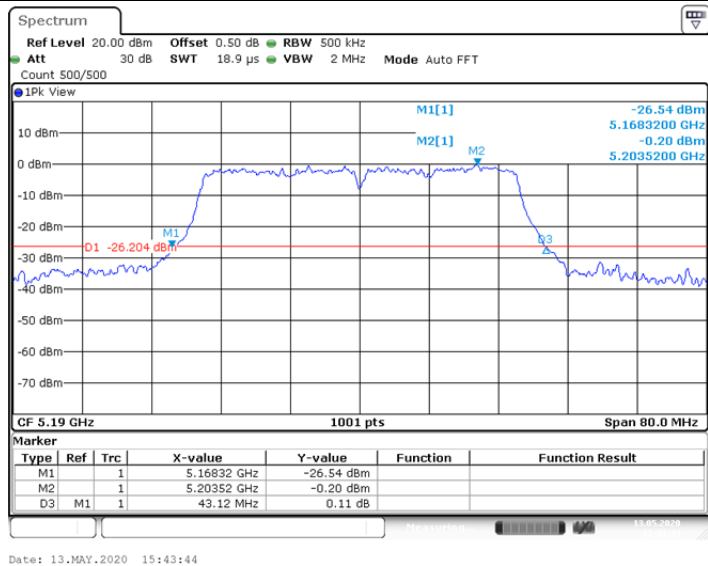
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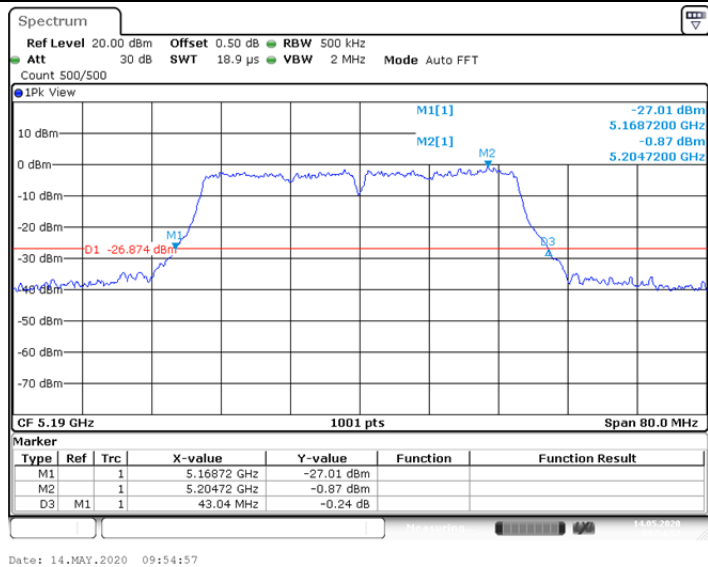
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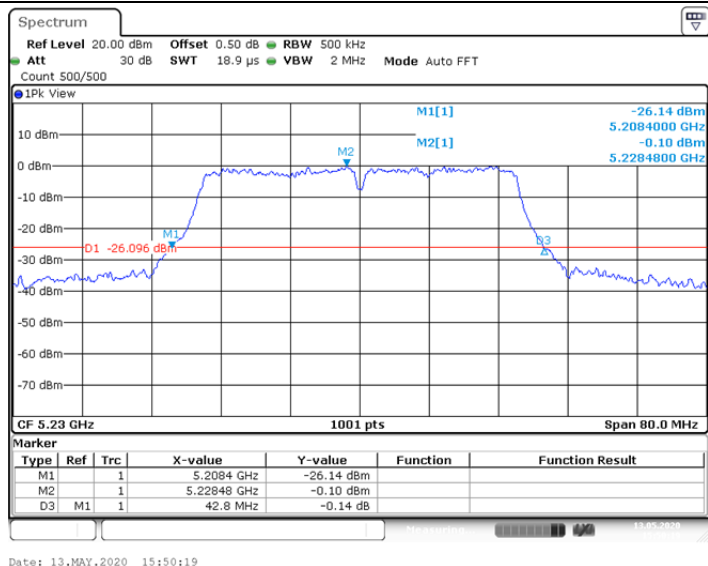
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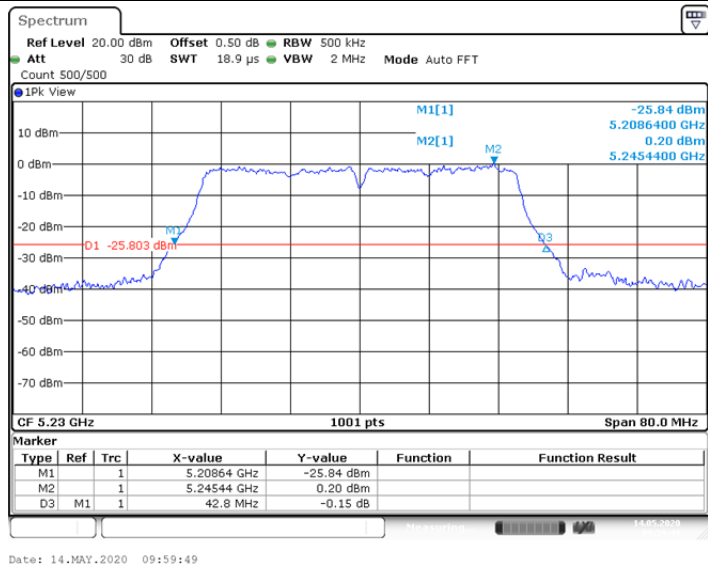
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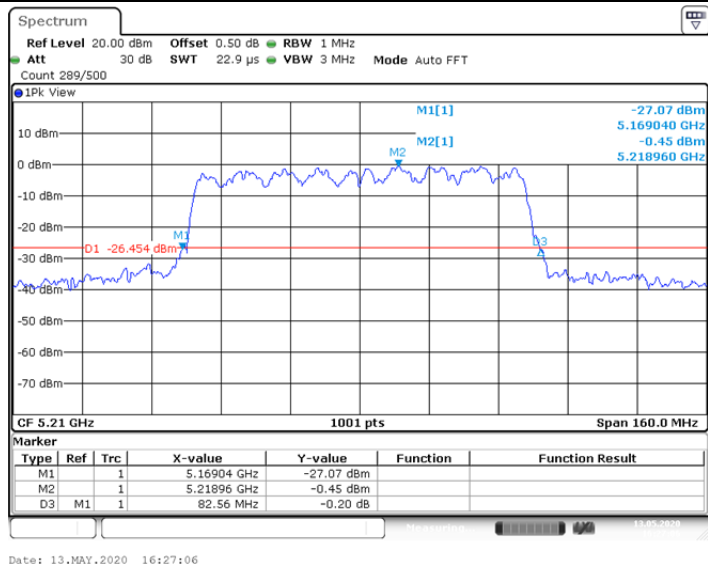
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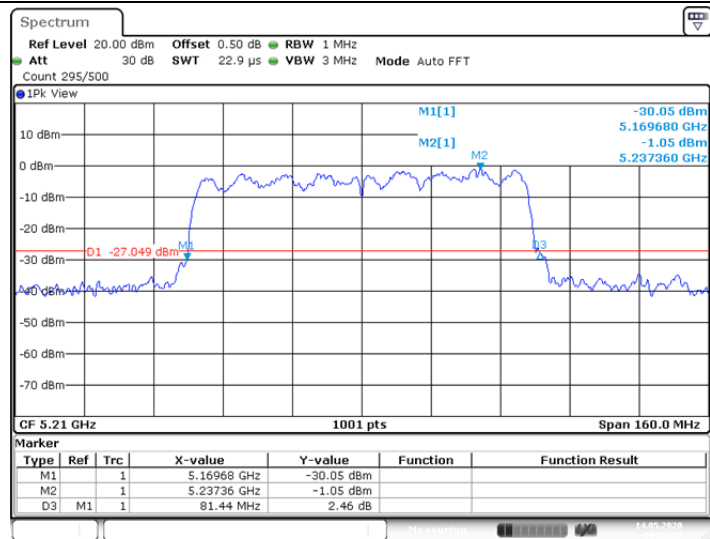
11AC40SISO_Ant2_5230



11AC80SISO_Ant1_5210



11AC80SISO_Ant2_5210



Date: 14.MAY.2020 10:38:58

Appendix A2: Occupied channel bandwidth

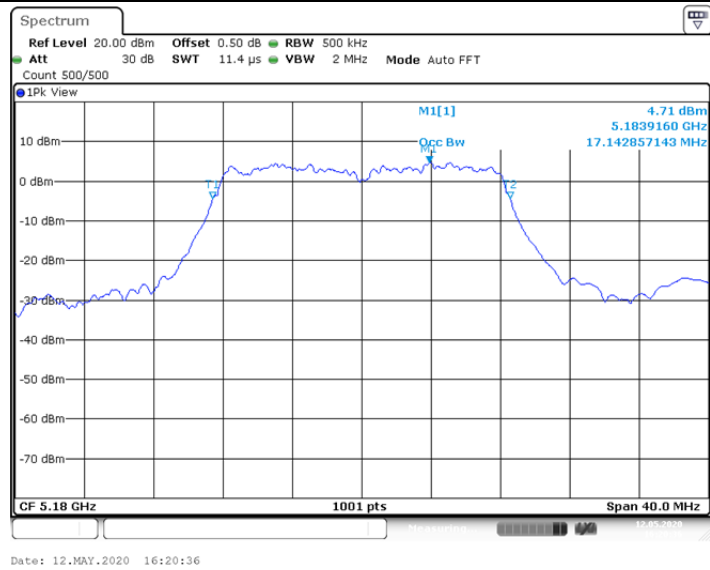
Test Result

Test Mode	Antenna	Channel	OCB [MHz]	F _L [MHz]	F _H [MHz]	Verdict
11A	Ant1	5180	17.143	5171.409	5188.551	PASS
	Ant2	5180	16.863	5171.608	5188.472	PASS
	Ant1	5200	17.183	5191.528	5208.711	PASS
	Ant2	5200	17.303	5191.369	5208.671	PASS
	Ant1	5240	17.063	5231.489	5248.551	PASS
	Ant2	5240	16.943	5231.608	5248.551	PASS
	Ant1	5745	17.143	5736.449	5753.591	PASS
	Ant2	5745	16.983	5736.489	5753.472	PASS
	Ant1	5785	17.063	5776.489	5793.551	PASS
	Ant2	5785	16.943	5776.528	5793.472	PASS
	Ant1	5825	16.983	5816.409	5833.392	PASS
	Ant2	5825	16.983	5816.489	5833.472	PASS
11N20SISO	Ant1	5180	18.262	5170.969	5189.231	PASS
	Ant2	5180	18.182	5170.969	5189.151	PASS
	Ant1	5200	18.222	5191.009	5209.231	PASS
	Ant2	5200	18.102	5191.049	5209.151	PASS
	Ant1	5240	18.062	5230.929	5248.991	PASS
	Ant2	5240	17.982	5231.009	5248.991	PASS
	Ant1	5745	18.182	5736.049	5754.231	PASS
	Ant2	5745	18.222	5736.009	5754.231	PASS
	Ant1	5785	18.062	5775.889	5793.951	PASS
	Ant2	5785	18.222	5775.929	5794.151	PASS
	Ant1	5825	18.142	5816.049	5834.191	PASS
	Ant2	5825	18.102	5816.009	5834.111	PASS
11N40SISO	Ant1	5190	37.403	5171.299	5208.701	PASS
	Ant2	5190	37.323	5171.219	5208.541	PASS
	Ant1	5230	36.923	5211.618	5248.541	PASS
	Ant2	5230	36.523	5211.778	5248.302	PASS
	Ant1	5755	36.683	5736.538	5773.222	PASS
	Ant2	5755	37.323	5736.538	5773.861	PASS
	Ant1	5795	36.683	5776.618	5813.302	PASS
	Ant2	5795	36.923	5776.618	5813.541	PASS
11AC20SISO	Ant1	5180	18.062	5170.929	5188.991	PASS
	Ant2	5180	18.102	5170.929	5189.031	PASS
	Ant1	5200	18.302	5190.889	5209.191	PASS
	Ant2	5200	18.022	5191.009	5209.031	PASS
	Ant1	5240	18.022	5231.049	5249.071	PASS
	Ant2	5240	17.982	5230.969	5248.951	PASS
	Ant1	5745	18.062	5735.969	5754.031	PASS
	Ant2	5745	18.222	5735.969	5754.191	PASS
	Ant1	5785	18.222	5775.929	5794.151	PASS

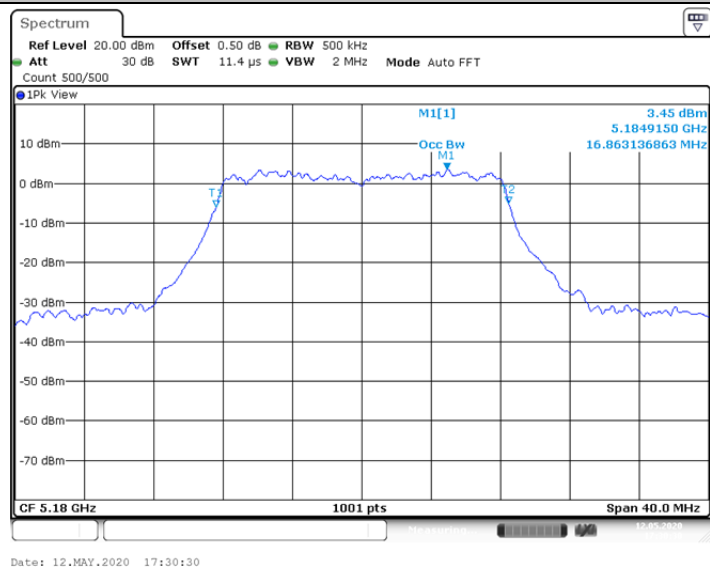
	Ant2	5785	18.342	5775.929	5794.271	PASS
	Ant1	5825	18.102	5815.929	5834.031	PASS
	Ant2	5825	17.902	5816.009	5833.911	PASS
11AC40SISO	Ant1	5190	36.683	5171.618	5208.302	PASS
	Ant2	5190	36.923	5171.618	5208.541	PASS
	Ant1	5230	36.843	5211.459	5248.302	PASS
	Ant2	5230	36.923	5211.459	5248.382	PASS
	Ant1	5755	36.843	5736.618	5773.462	PASS
	Ant2	5755	36.763	5736.618	5773.382	PASS
	Ant1	5795	36.683	5776.698	5813.382	PASS
	Ant2	5795	37.163	5776.618	5813.781	PASS
11AC80SISO	Ant1	5210	75.764	5172.438	5248.202	PASS
	Ant2	5210	75.764	5172.438	5248.202	PASS
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	Ant2	5775	75.924	5737.118	5813.042	PASS

Test Graphs

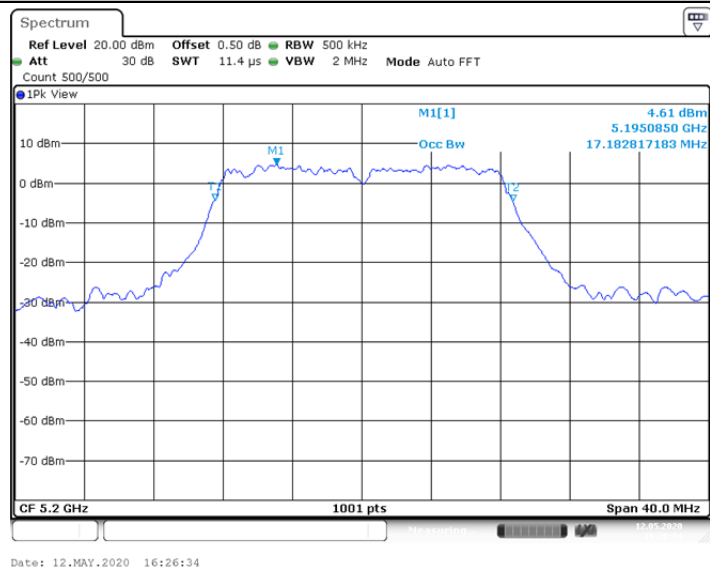
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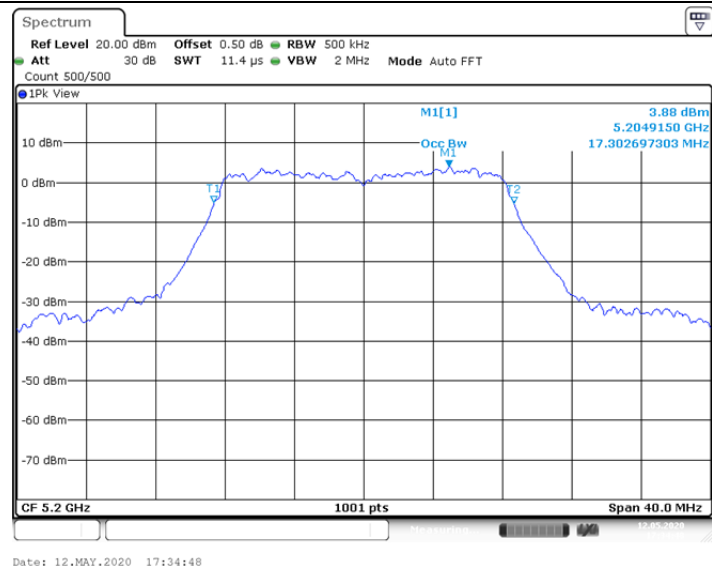
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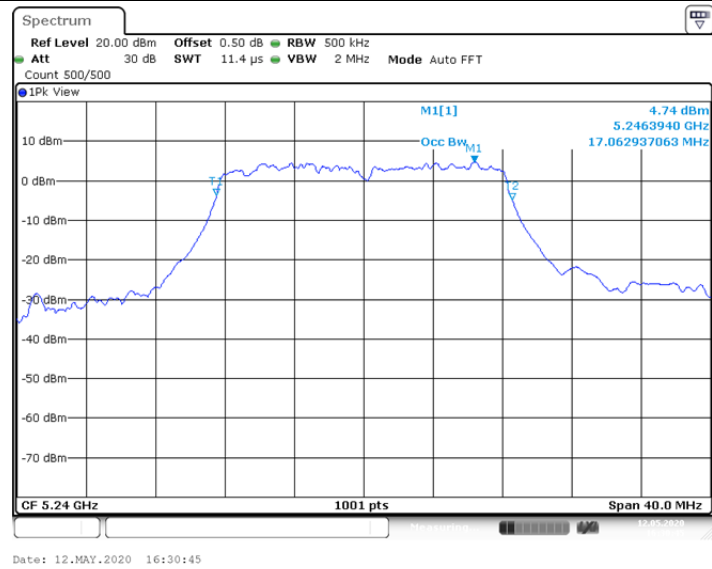
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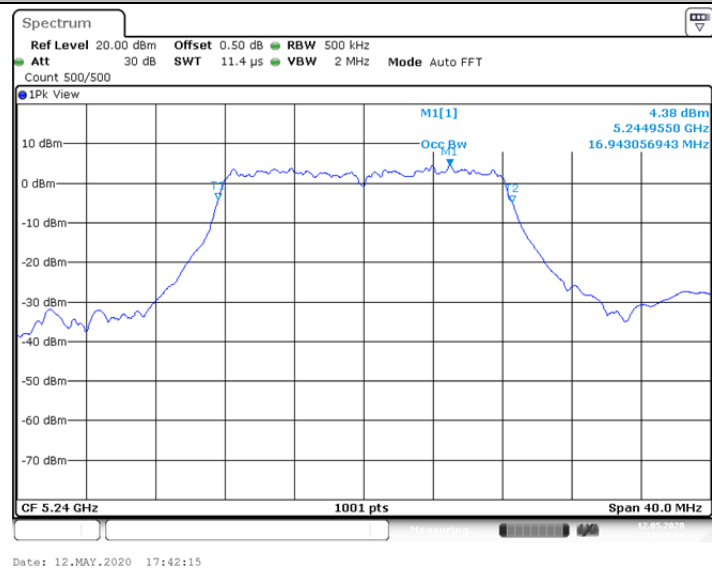
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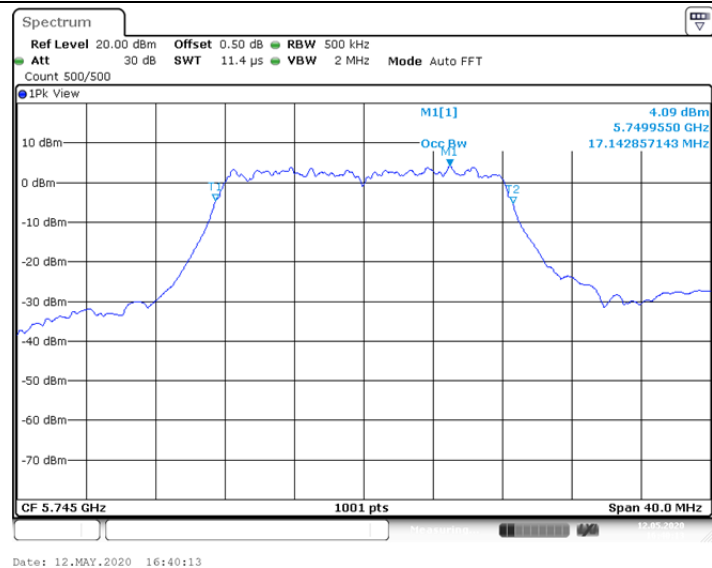
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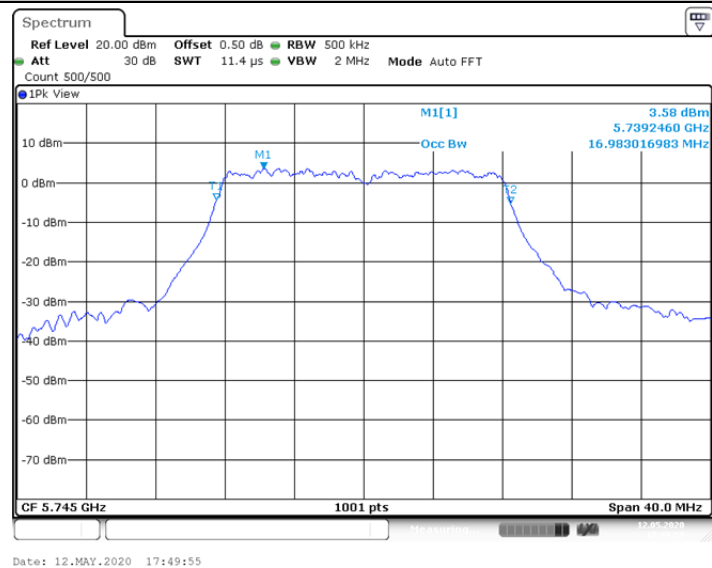
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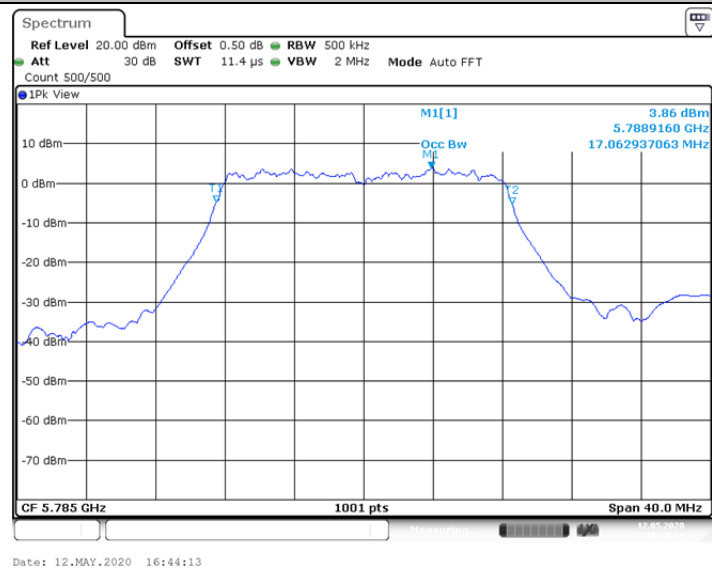
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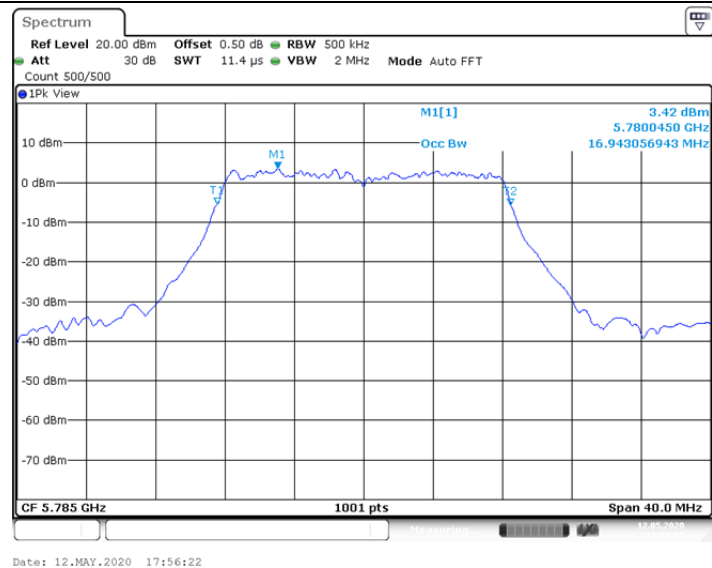
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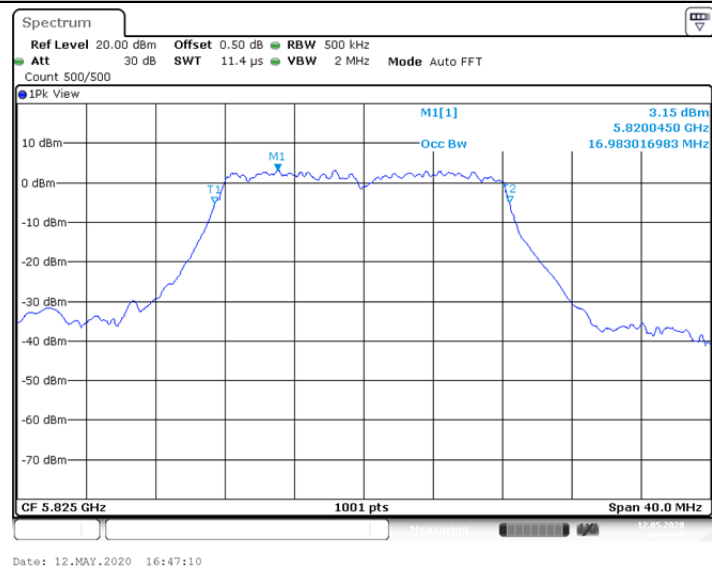
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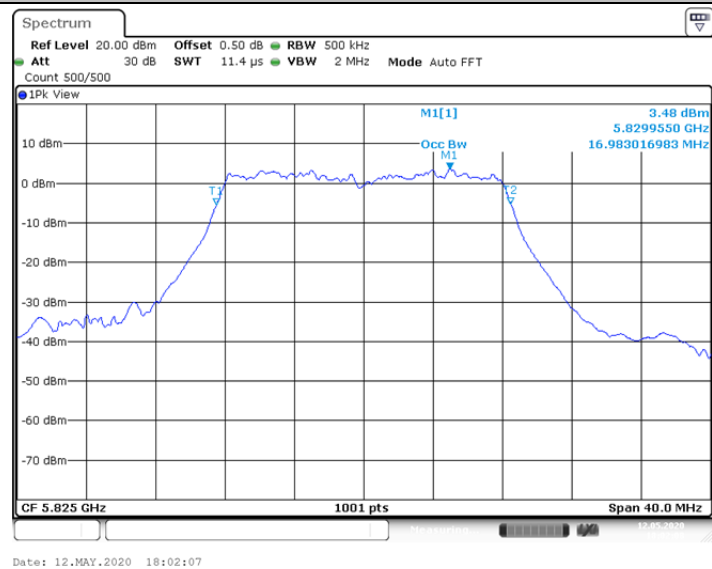
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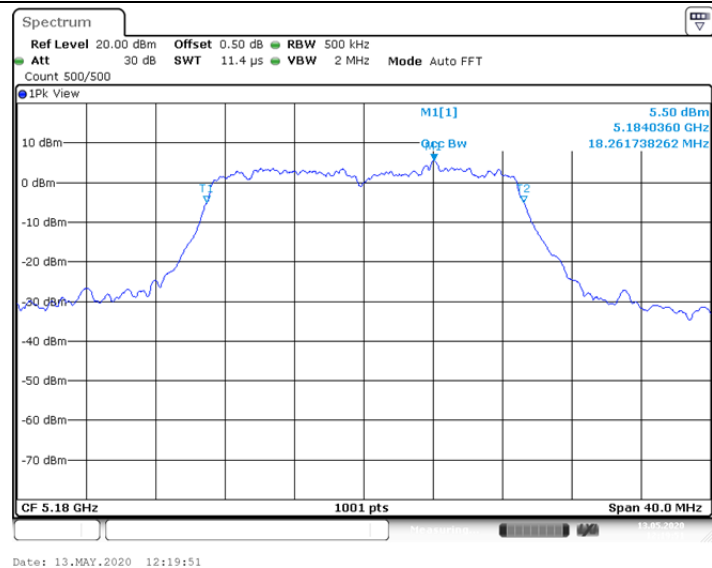
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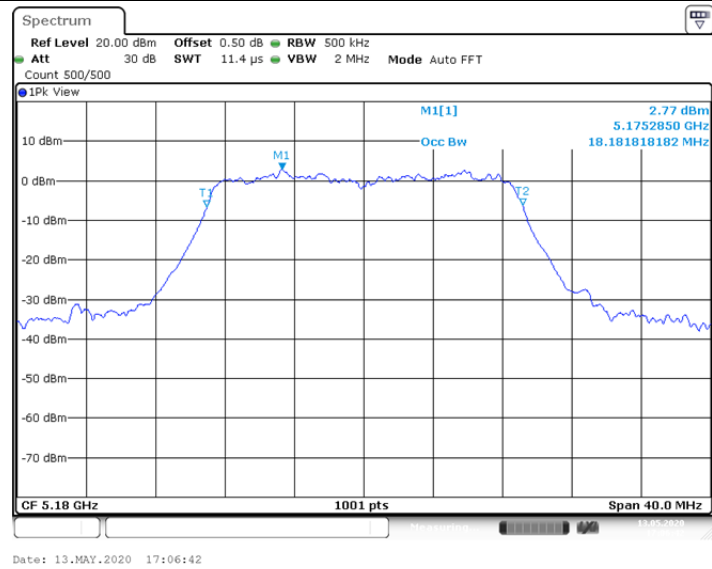
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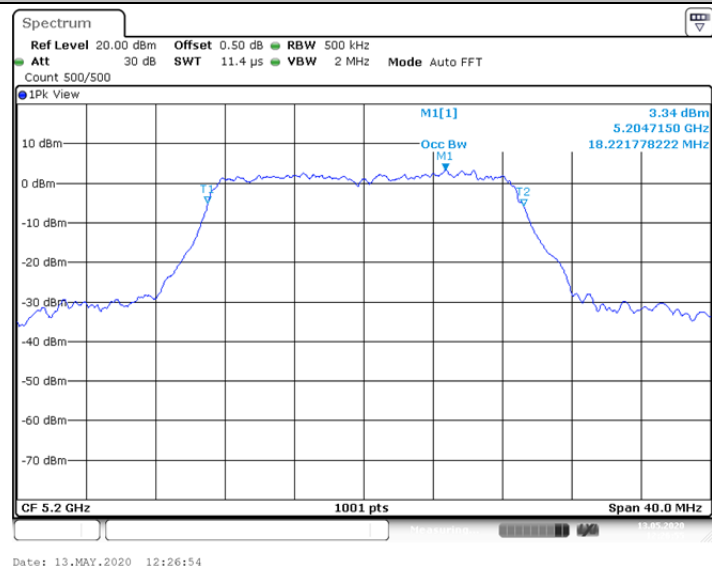
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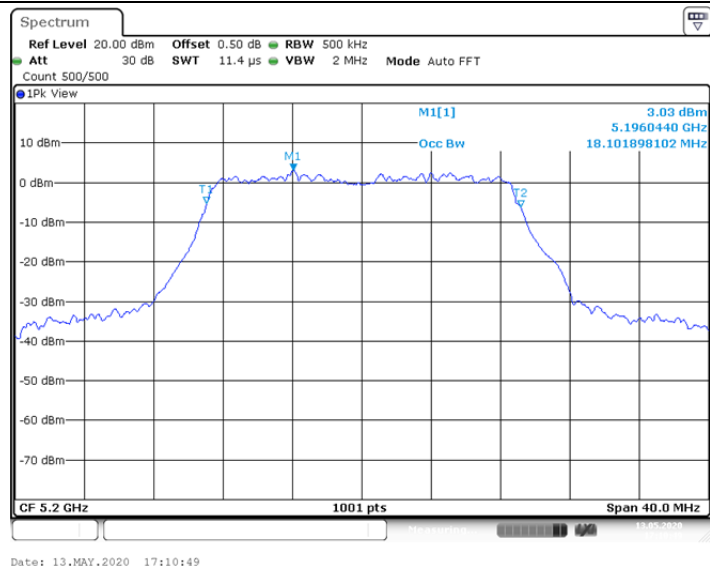
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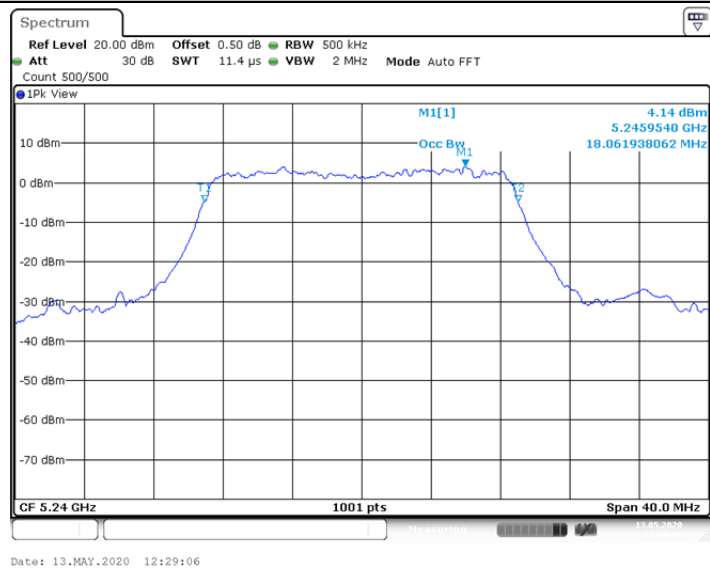
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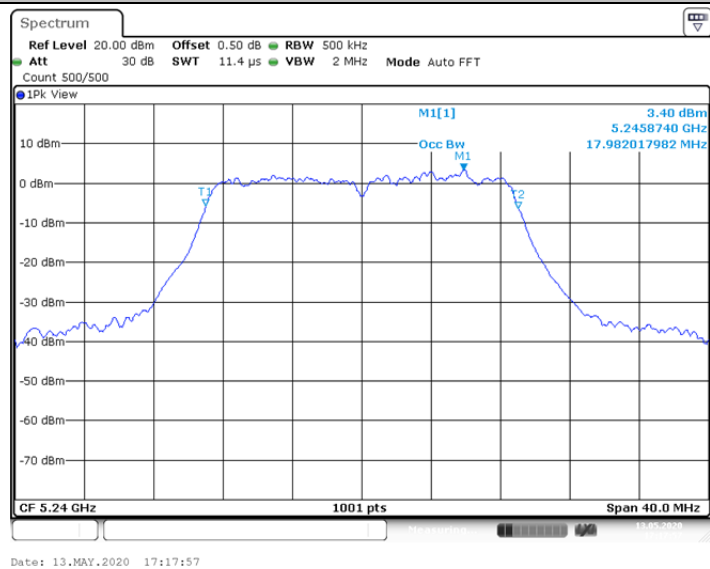
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11N20SISO_Ant1_5240



11N20SISO_Ant2_5240



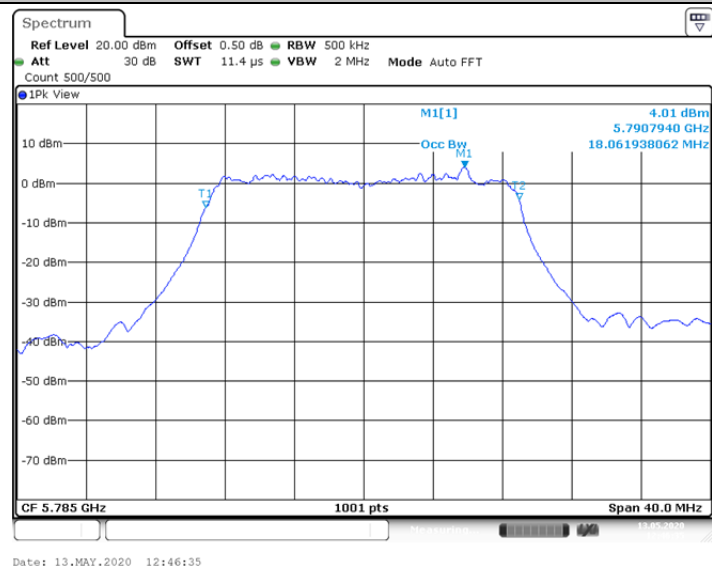
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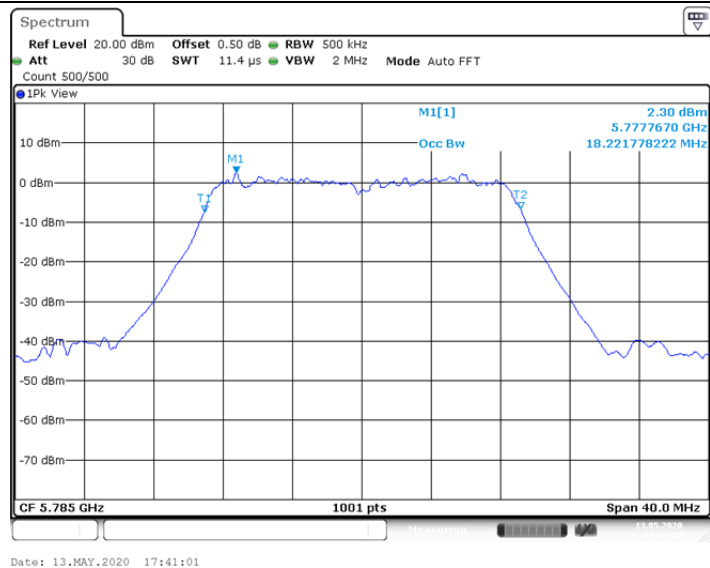
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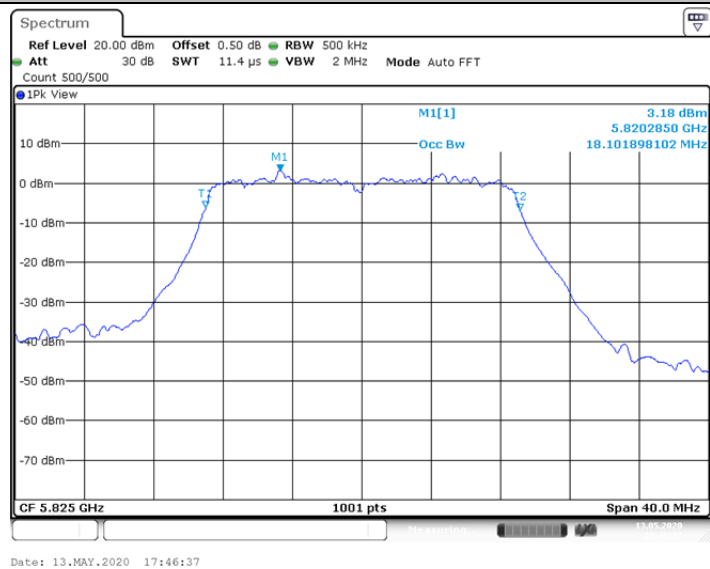
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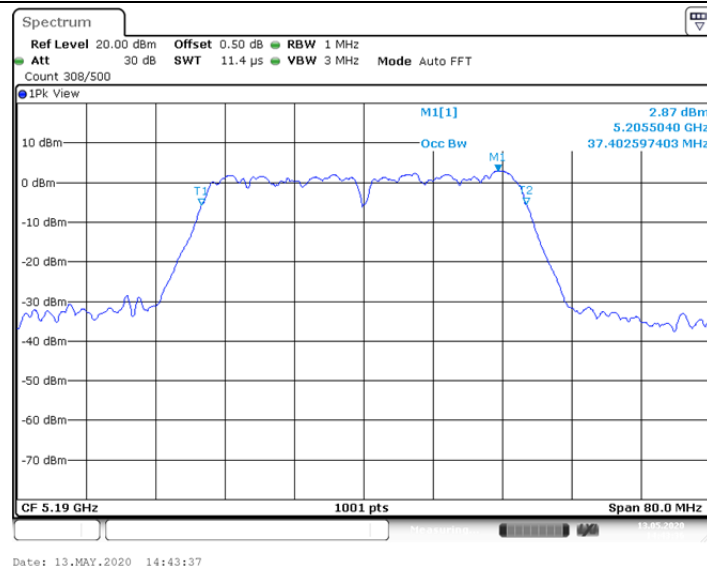
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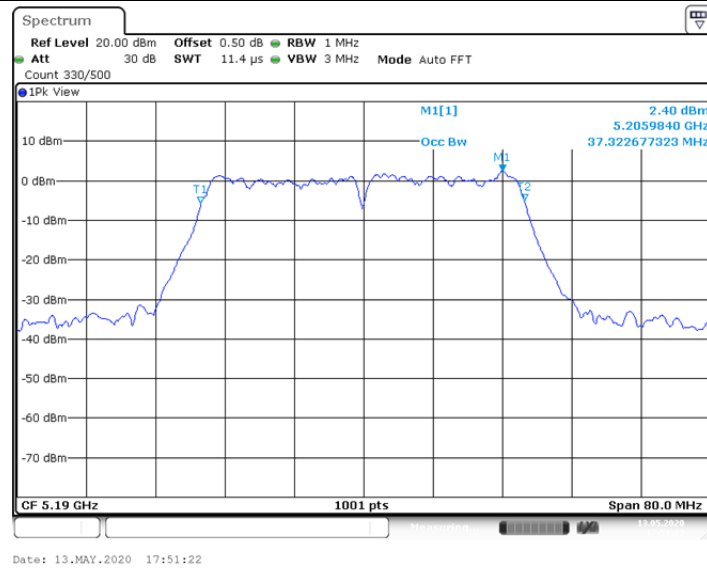
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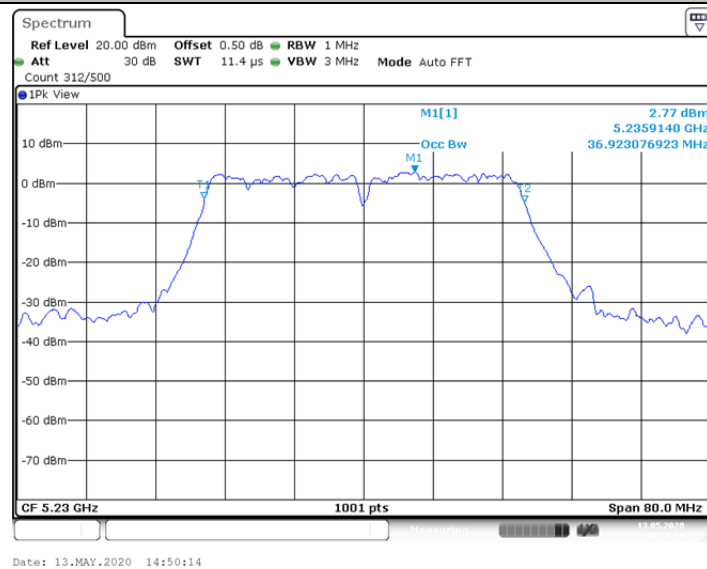
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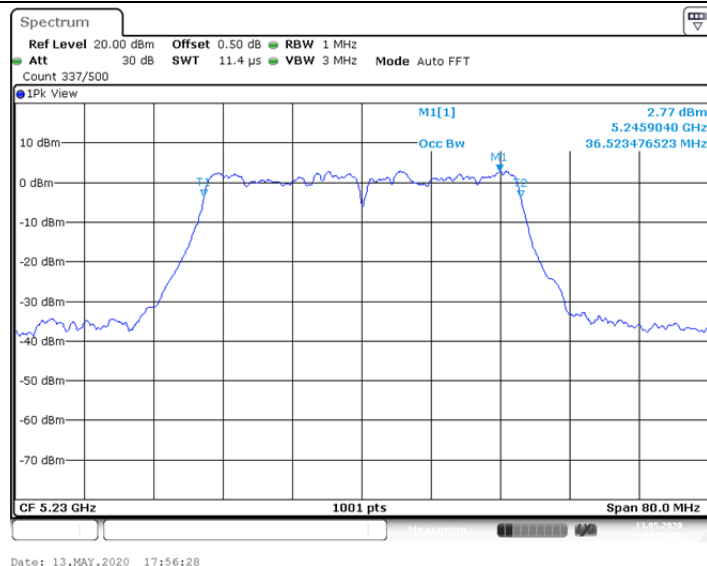
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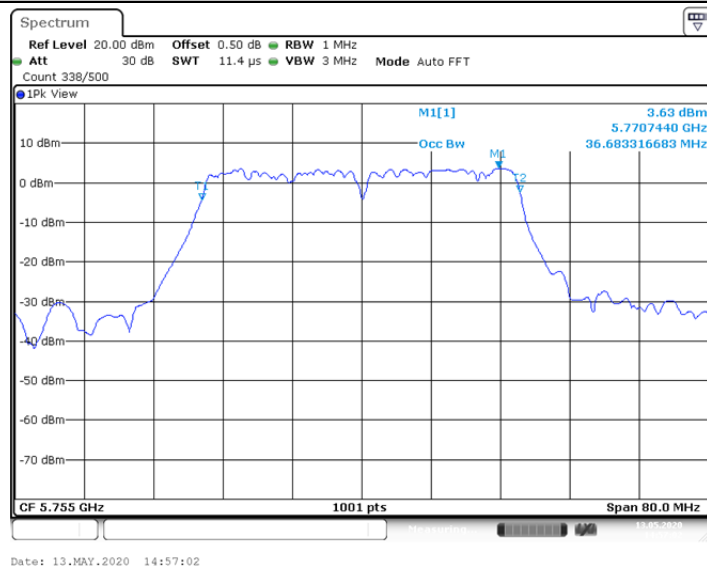
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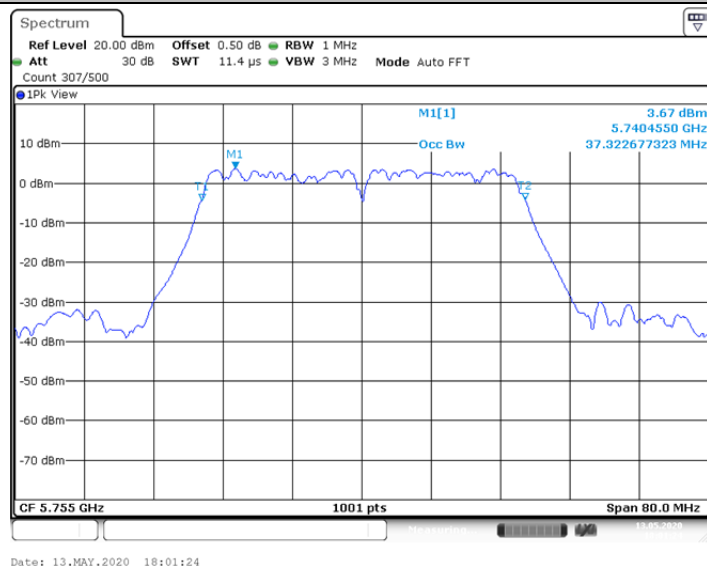
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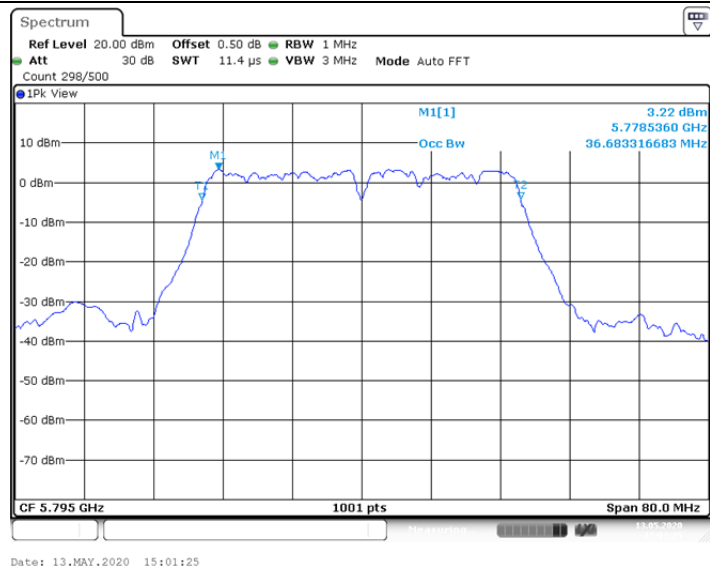
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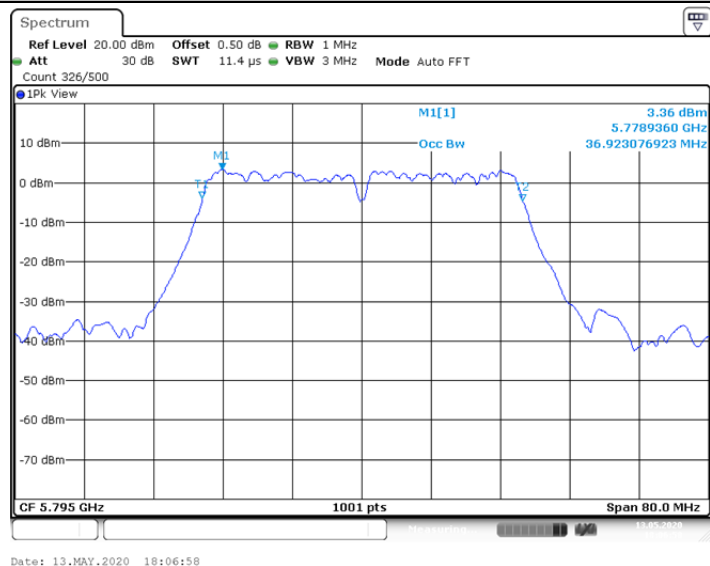
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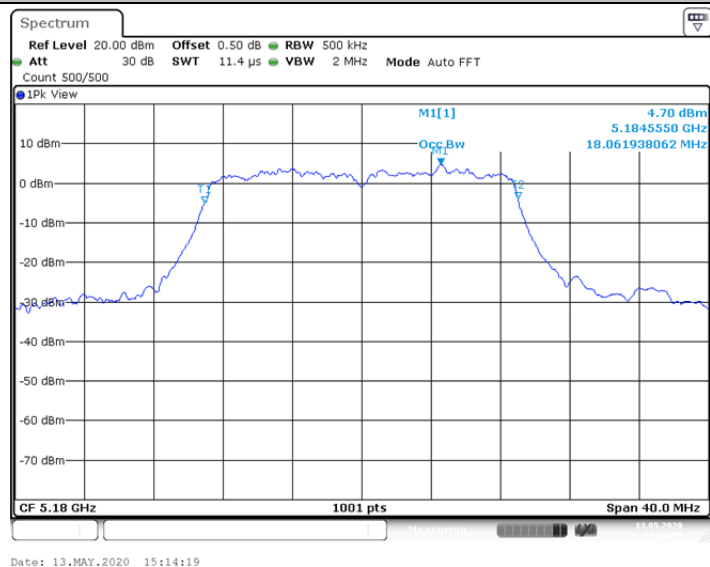
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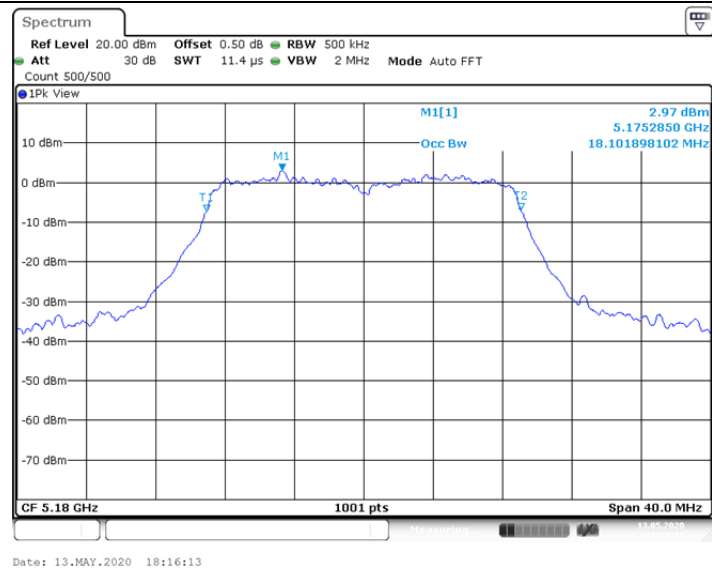
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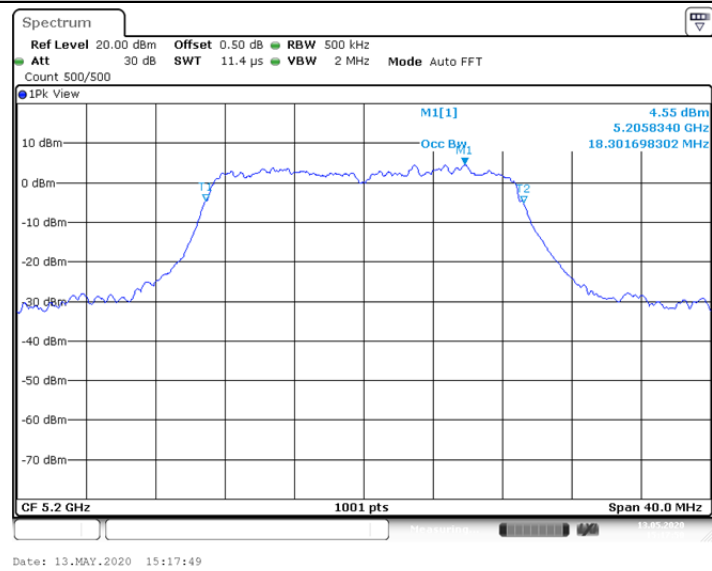
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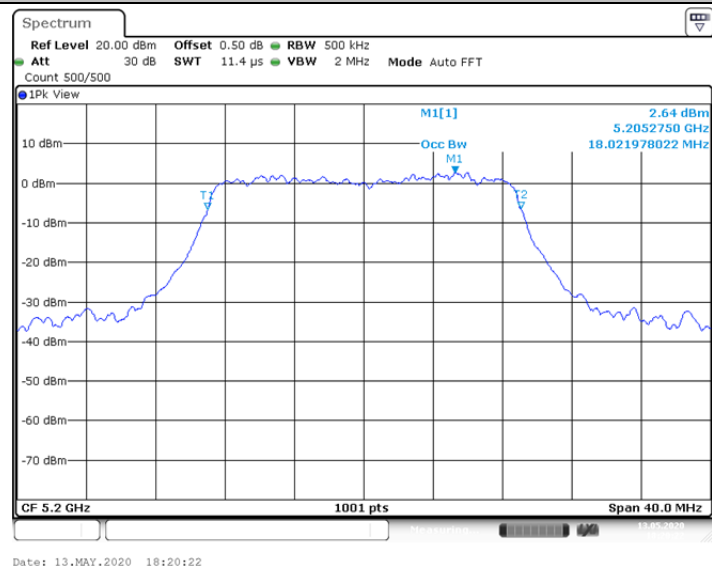
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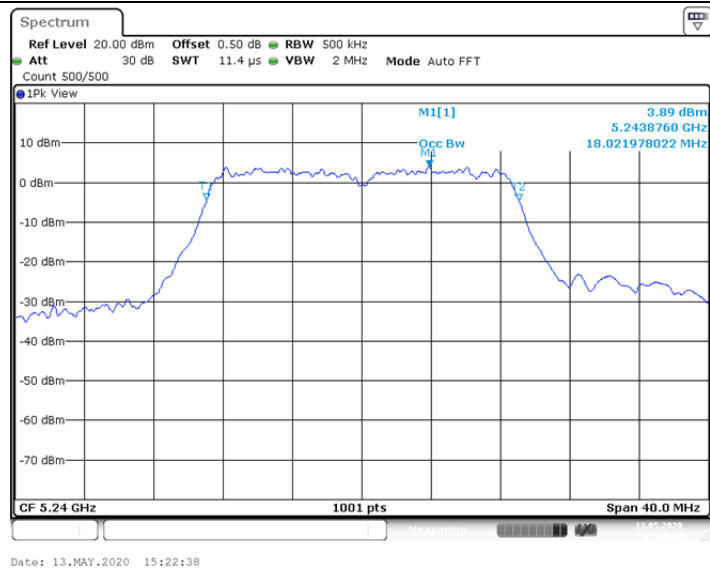
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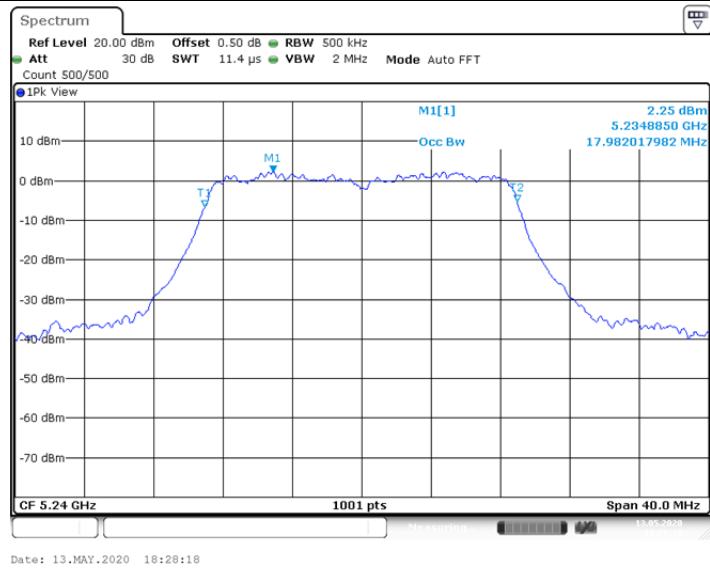
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11AC20SISO_Ant1_5240



11AC20SISO_Ant2_5240



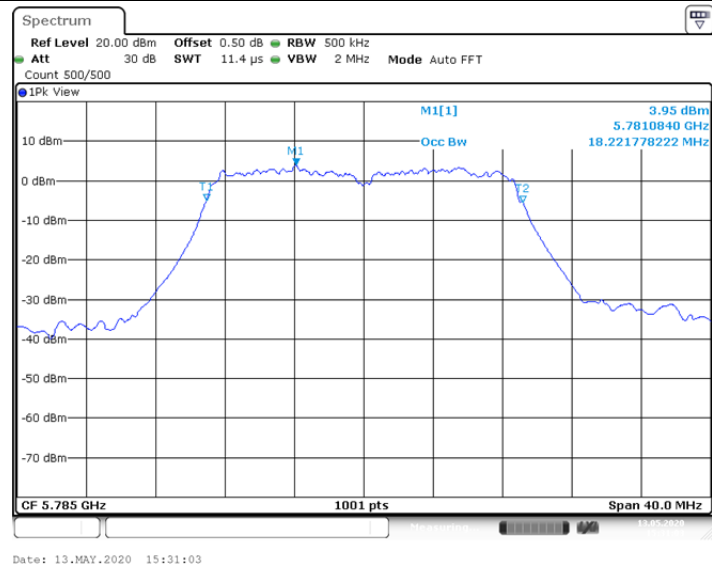
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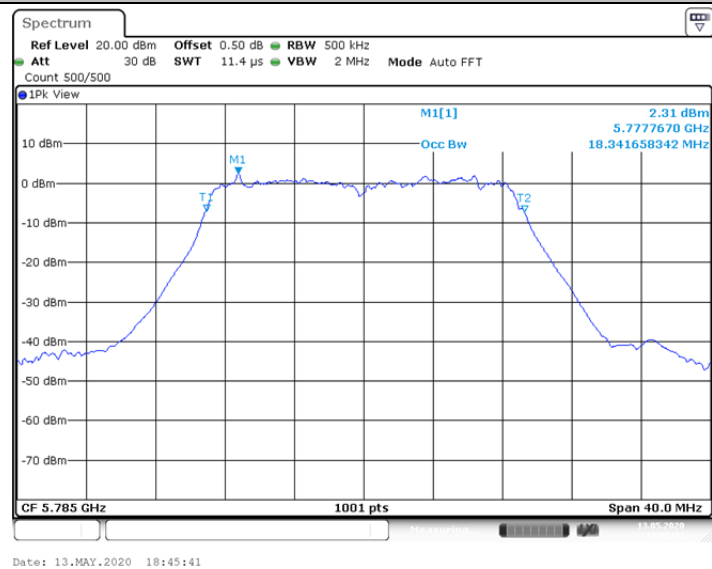
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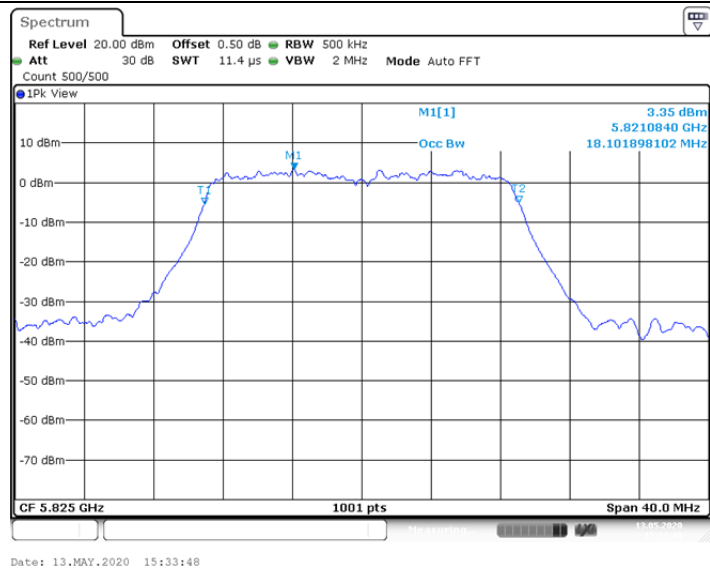
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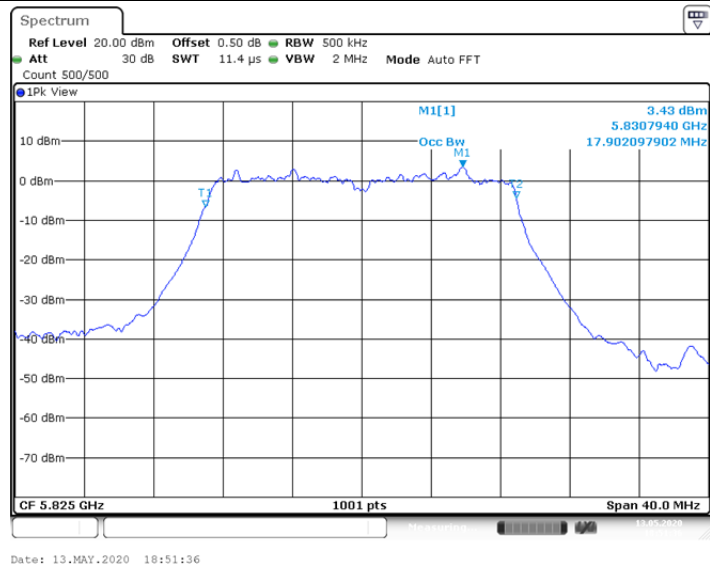
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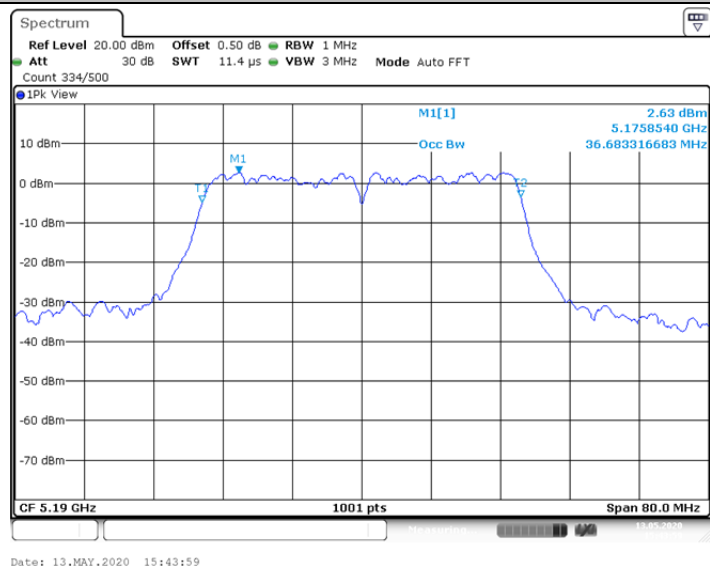
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11AC20SISO_Ant2_5825



11AC40SISO_Ant1_5190



11AC40SISO_Ant2_5190