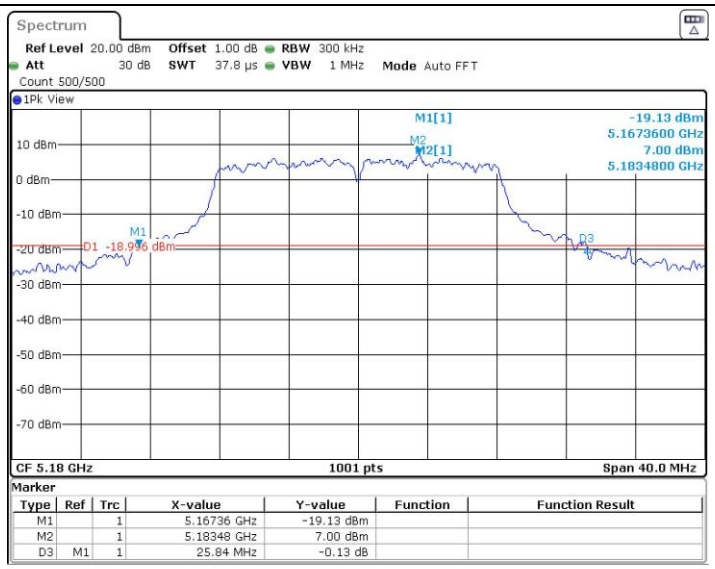
Appendix A1: Emission Bandwidth

Test Result

TestMode	Antenna	Channel	26db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5180	25.840	5167.360	5193.200	---	PASS
		5200	29.840	5185.440	5215.280	---	PASS
		5240	25.200	5227.920	5253.120	---	PASS
		5260	24.600	5248.160	5272.760	---	PASS
		5280	25.480	5266.840	5292.320	---	PASS
		5320	29.720	5304.080	5333.800	---	PASS
		5500	29.080	5483.600	5512.680	---	PASS
		5580	25.760	5566.840	5592.600	---	PASS
		5700	26.400	5687.480	5713.880	---	PASS
		5745	29.760	5728.480	5758.240	---	PASS
		5785	28.120	5770.000	5798.120	---	PASS
		5825	26.920	5811.200	5838.120	---	PASS
11N20SISO	Ant1	5180	26.840	5166.960	5193.800	---	PASS
		5200	25.360	5187.720	5213.080	---	PASS
		5240	29.160	5226.880	5256.040	---	PASS
		5260	25.400	5246.800	5272.200	---	PASS
		5280	29.880	5265.040	5294.920	---	PASS
		5320	26.400	5306.760	5333.160	---	PASS
		5500	29.840	5484.560	5514.400	---	PASS
		5580	25.840	5567.280	5593.120	---	PASS
		5700	25.400	5686.880	5712.280	---	PASS
		5745	27.200	5730.920	5758.120	---	PASS
		5785	28.320	5770.480	5798.800	---	PASS
		5825	26.800	5812.200	5839.000	---	PASS
11N40SISO	Ant1	5190	46.560	5167.360	5213.920	---	PASS
		5230	46.960	5206.640	5253.600	---	PASS
		5270	46.880	5246.480	5293.360	---	PASS
		5310	48.960	5285.040	5334.000	---	PASS
		5510	48.720	5486.160	5534.880	---	PASS
		5550	47.440	5526.080	5573.520	---	PASS
		5670	48.560	5645.520	5694.080	---	PASS
		5755	49.200	5730.040	5779.240	---	PASS
		5795	47.920	5770.920	5818.840	---	PASS
11AC20SISO	Ant1	5180	28.920	5165.480	5194.400	---	PASS
		5200	26.600	5186.200	5212.800	---	PASS
		5240	25.720	5226.920	5252.640	---	PASS
		5260	25.320	5247.120	5272.440	---	PASS

		5280	25.160	5267.320	5292.480	---	PASS
		5320	25.680	5306.840	5332.520	---	PASS
		5500	25.640	5488.200	5513.840	---	PASS
		5580	25.760	5566.840	5592.600	---	PASS
		5700	26.920	5687.040	5713.960	---	PASS
		5745	25.200	5732.520	5757.720	---	PASS
		5785	26.000	5771.960	5797.960	---	PASS
		5825	26.040	5811.840	5837.880	---	PASS
11AC40SISO	Ant1	5190	47.360	5166.880	5214.240	---	PASS
		5230	48.080	5206.240	5254.320	---	PASS
		5270	47.520	5246.320	5293.840	---	PASS
		5310	47.120	5286.480	5333.600	---	PASS
		5510	48.480	5485.760	5534.240	---	PASS
		5550	48.800	5525.920	5574.720	---	PASS
		5670	48.080	5645.920	5694.000	---	PASS
		5755	49.280	5730.200	5779.480	---	PASS
		5795	48.880	5770.520	5819.400	---	PASS
11AX20SISO	Ant1	5180	23.440	5168.600	5192.040	---	PASS
		5200	22.920	5188.840	5211.760	---	PASS
		5240	24.000	5227.680	5251.680	---	PASS
		5260	26.000	5247.080	5273.080	---	PASS
		5280	24.480	5267.440	5291.920	---	PASS
		5320	24.680	5307.960	5332.640	---	PASS
		5500	25.720	5487.400	5513.120	---	PASS
		5580	23.760	5567.880	5591.640	---	PASS
		5700	25.800	5687.000	5712.800	---	PASS
		5745	22.680	5733.640	5756.320	---	PASS
		5785	25.040	5772.960	5798.000	---	PASS
		5825	25.680	5812.360	5838.040	---	PASS
11AX40SISO	Ant1	5190	45.200	5168.160	5213.360	---	PASS
		5230	45.840	5207.120	5252.960	---	PASS
		5270	46.080	5246.960	5293.040	---	PASS
		5310	46.240	5286.720	5332.960	---	PASS
		5510	47.120	5486.800	5533.920	---	PASS
		5550	48.960	5526.560	5575.520	---	PASS
		5670	47.280	5646.560	5693.840	---	PASS
		5755	47.120	5731.320	5778.440	---	PASS
		5795	47.440	5771.160	5818.600	---	PASS

Test Graphs



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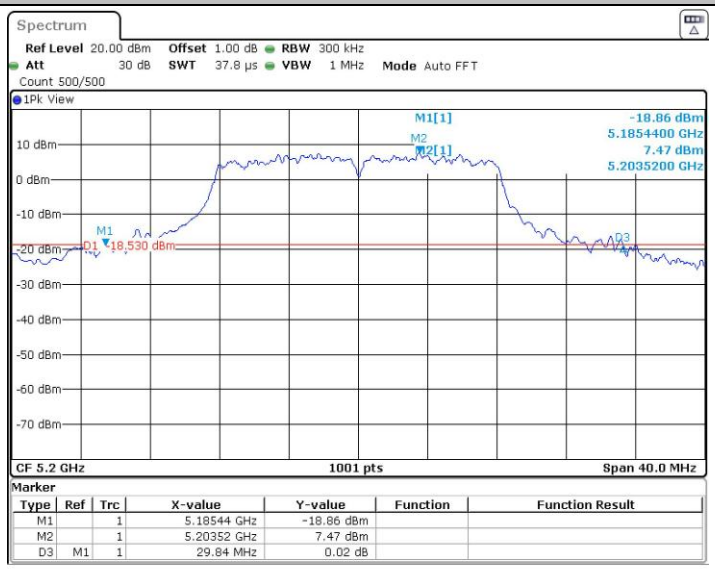

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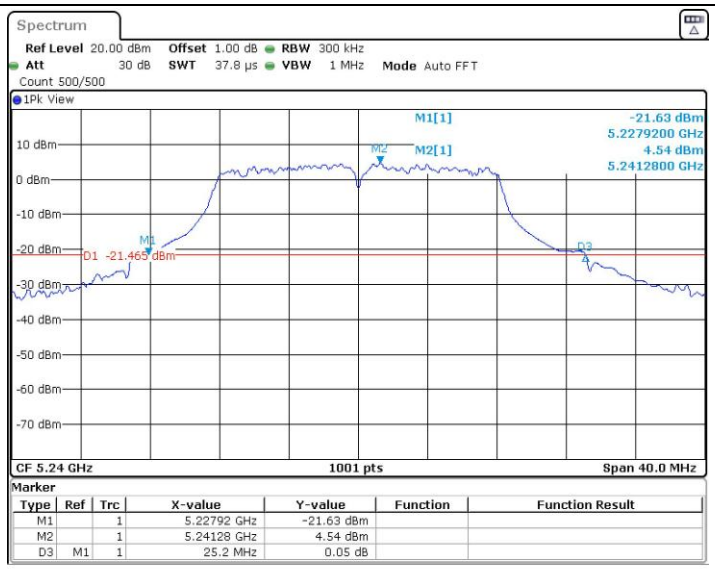

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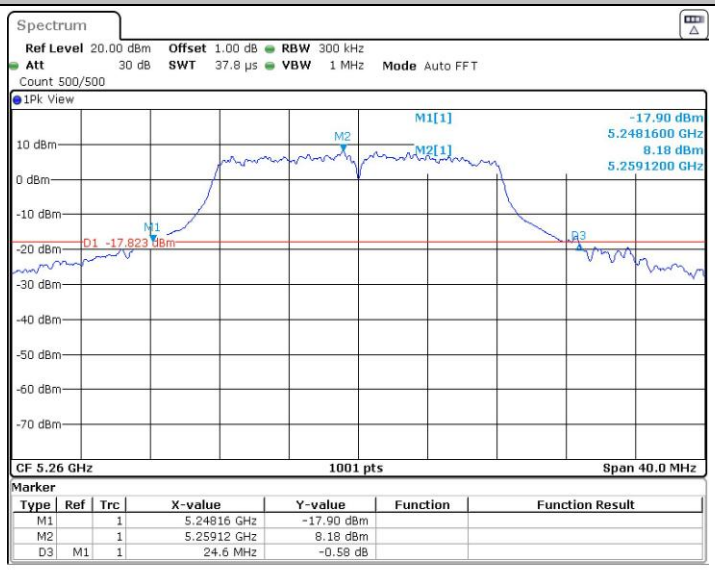

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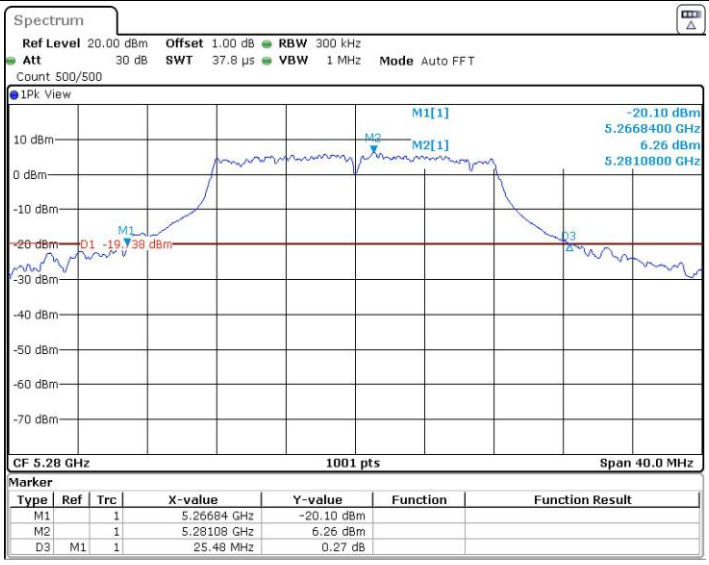

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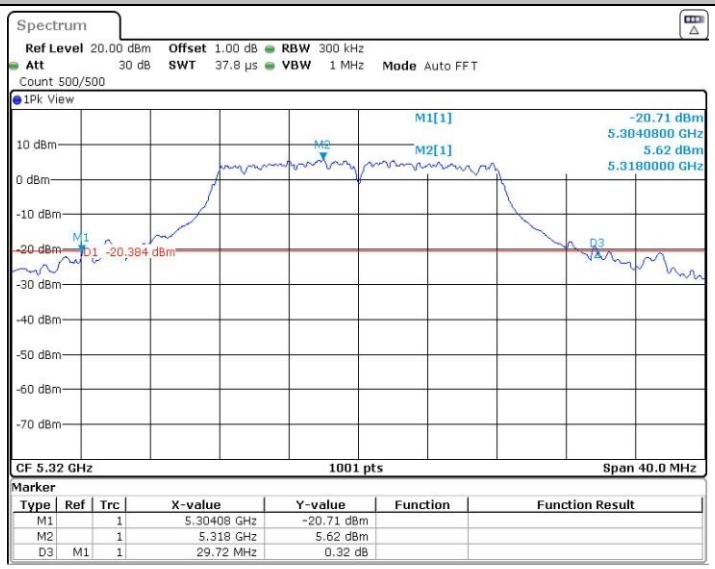

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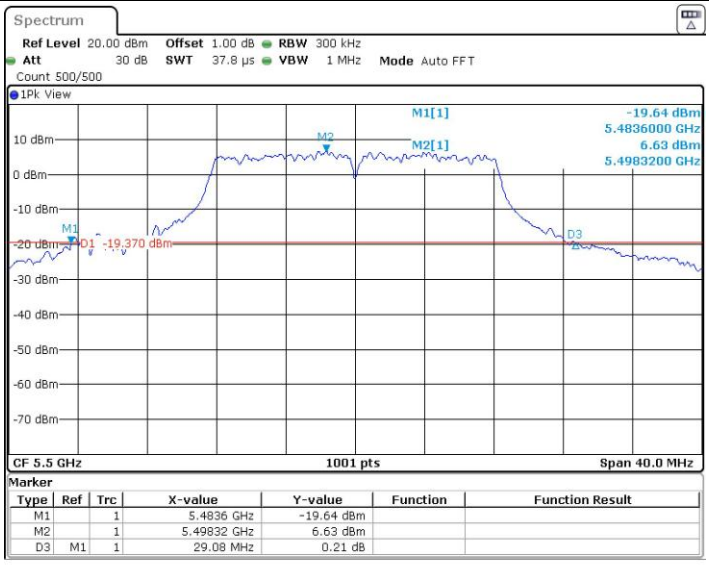

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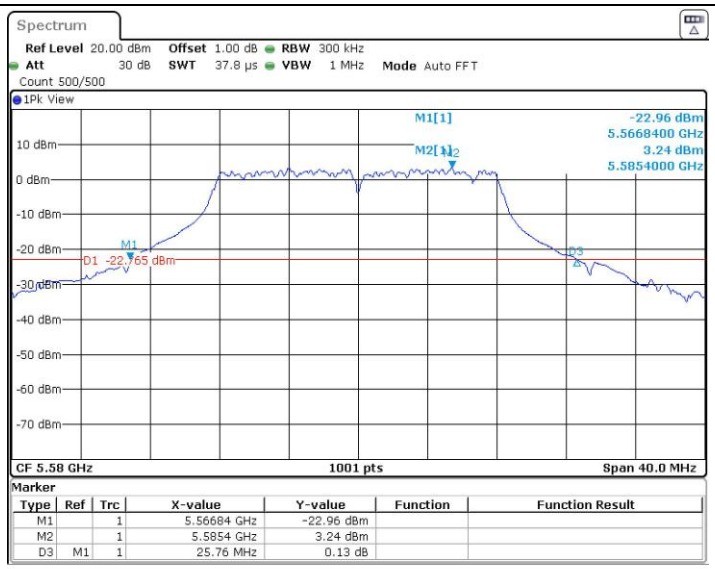

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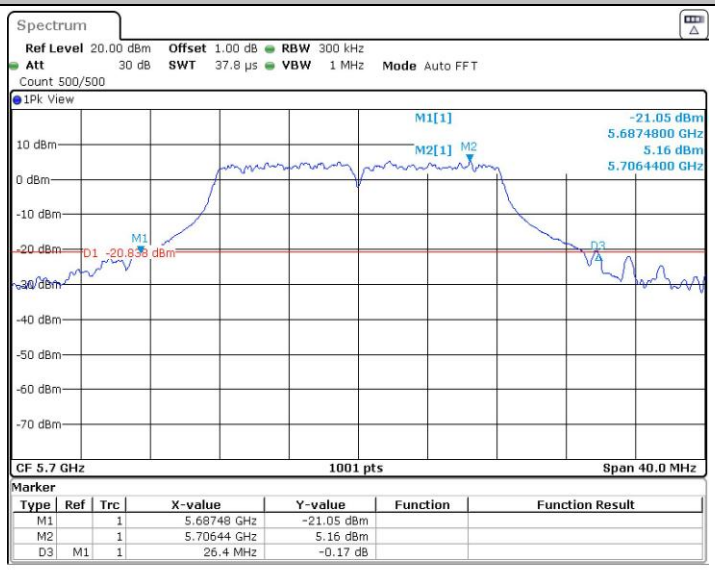

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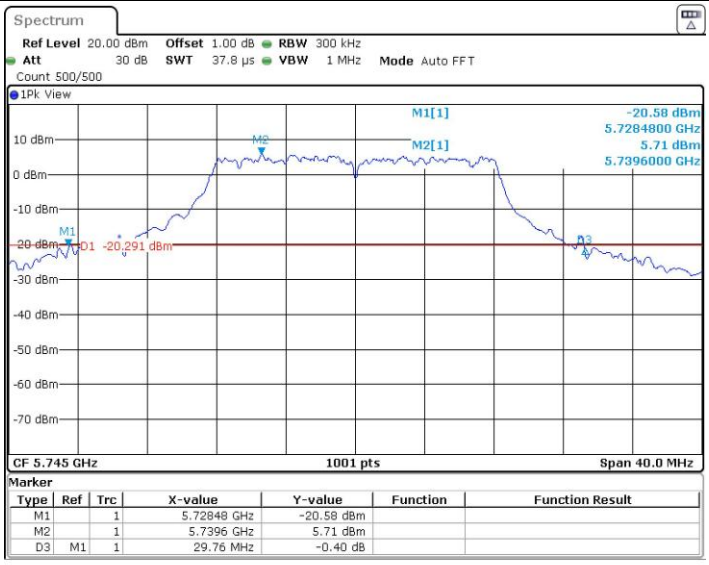

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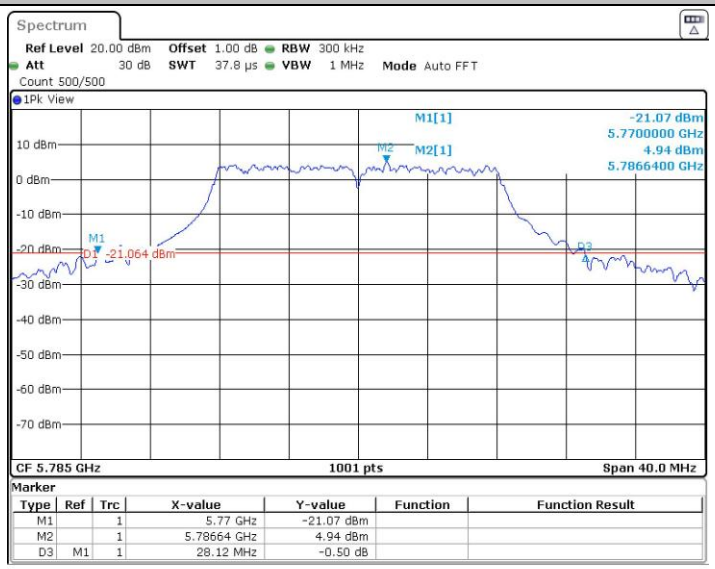

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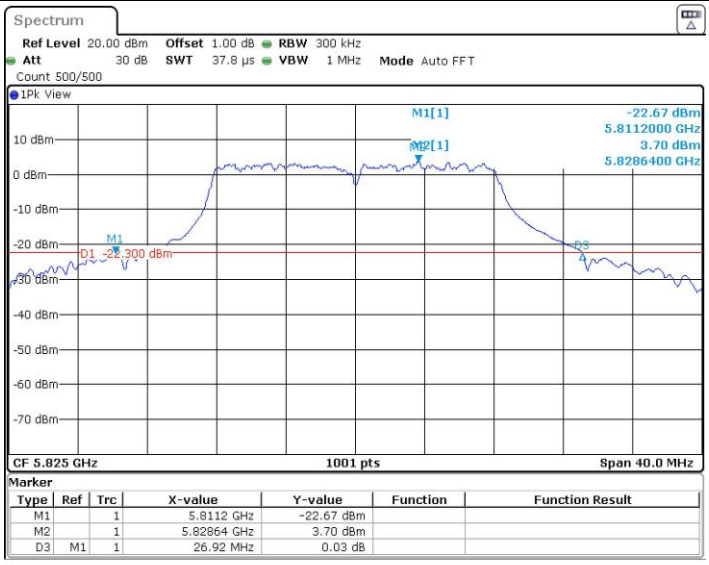

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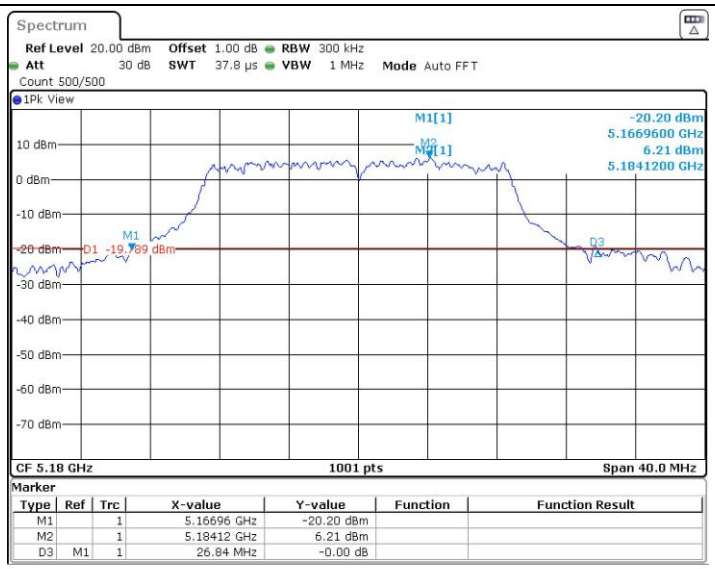

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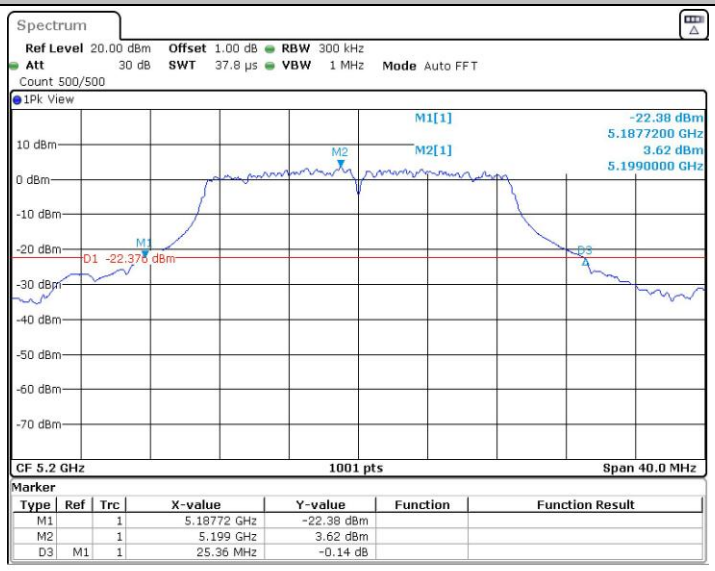

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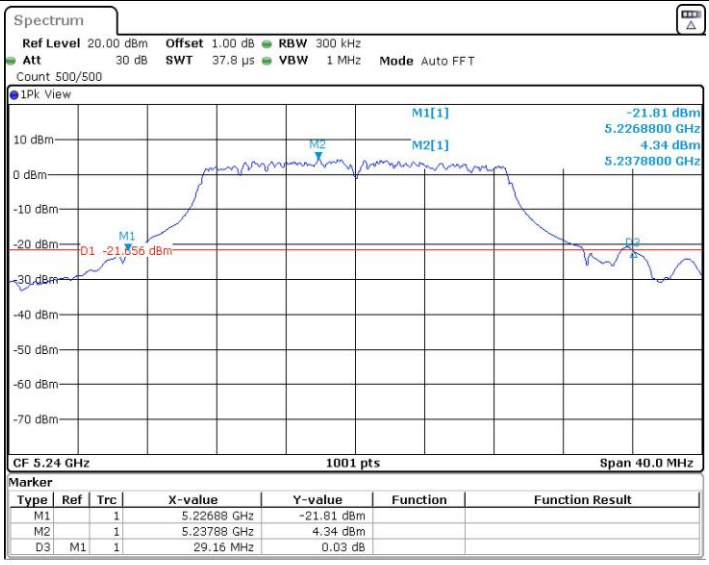

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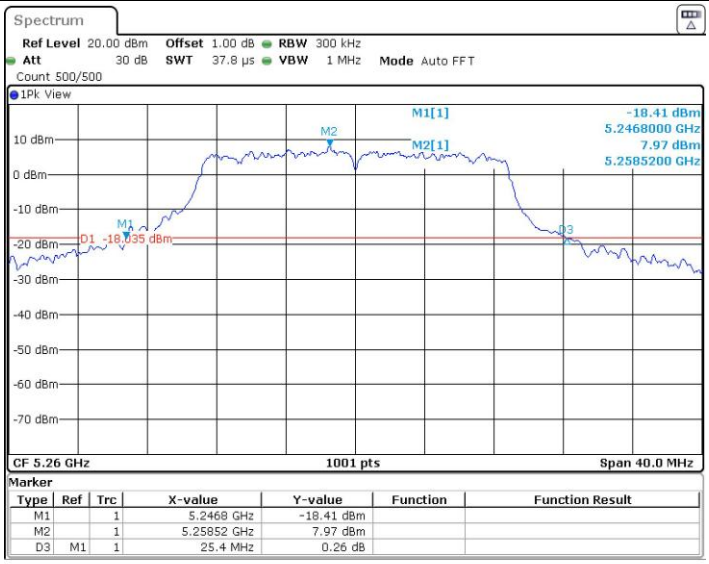

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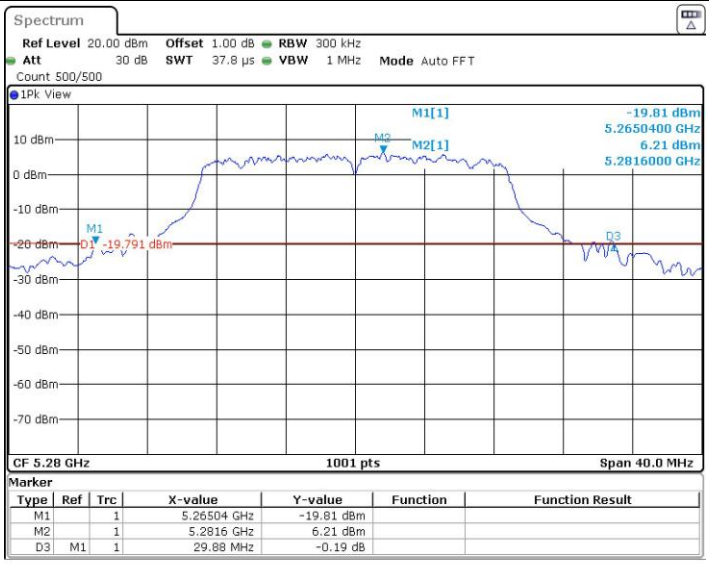

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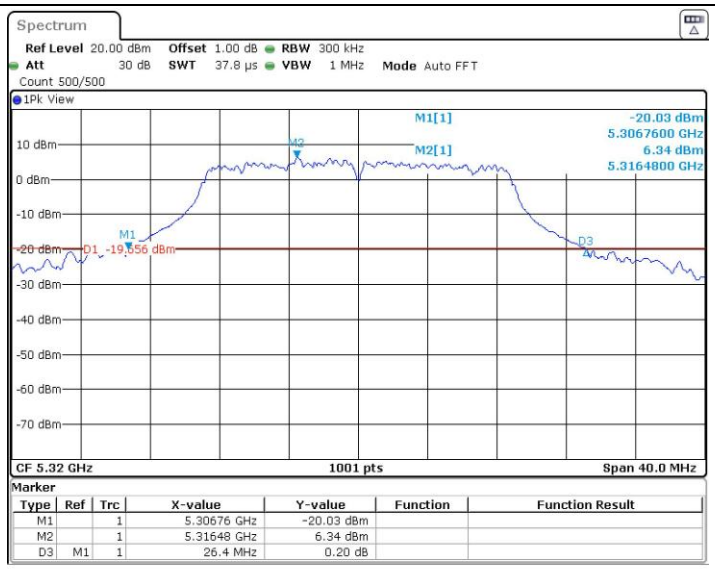

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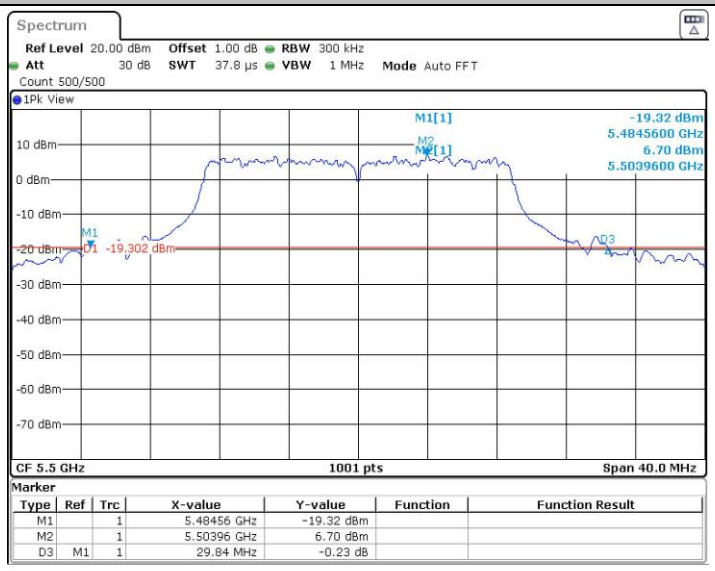

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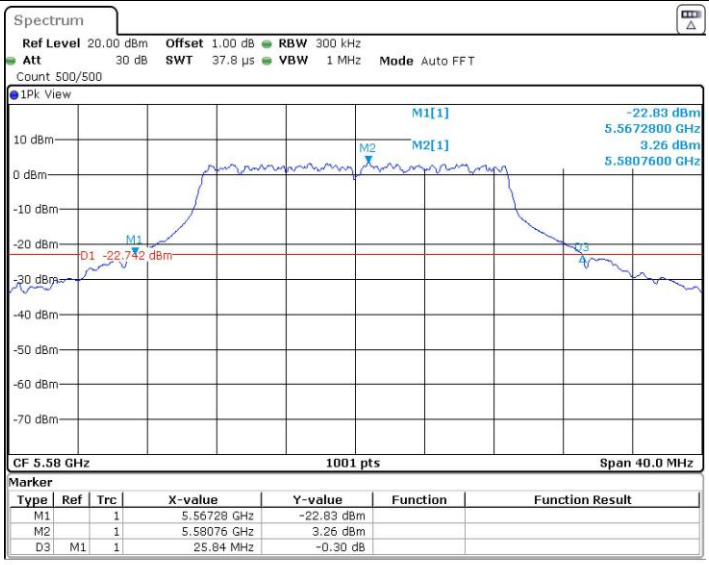

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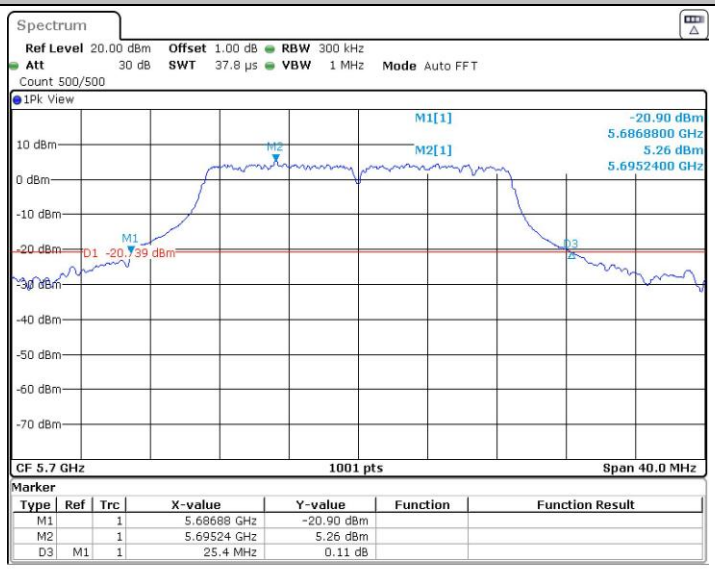

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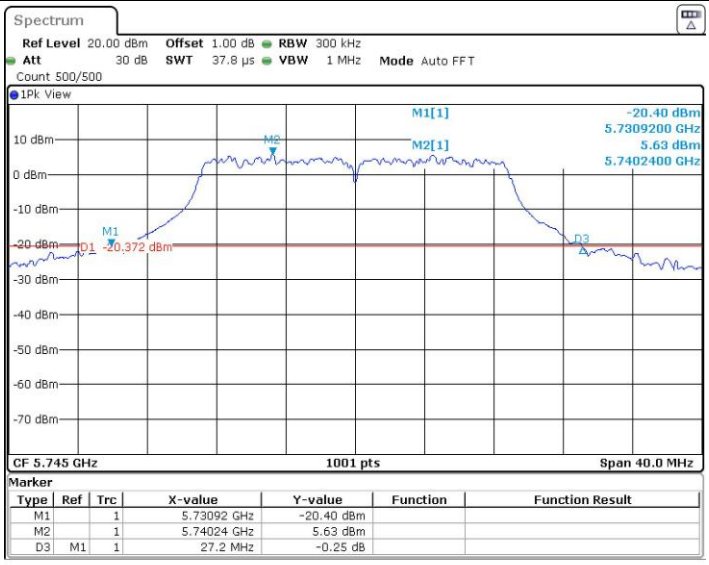

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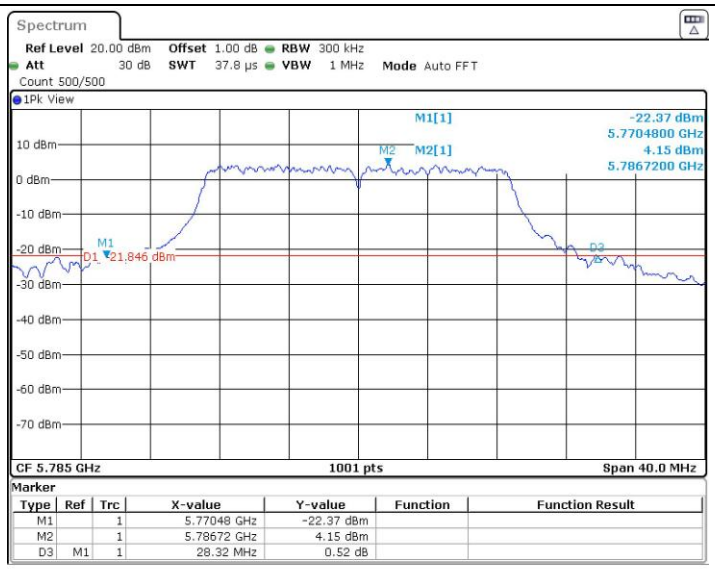

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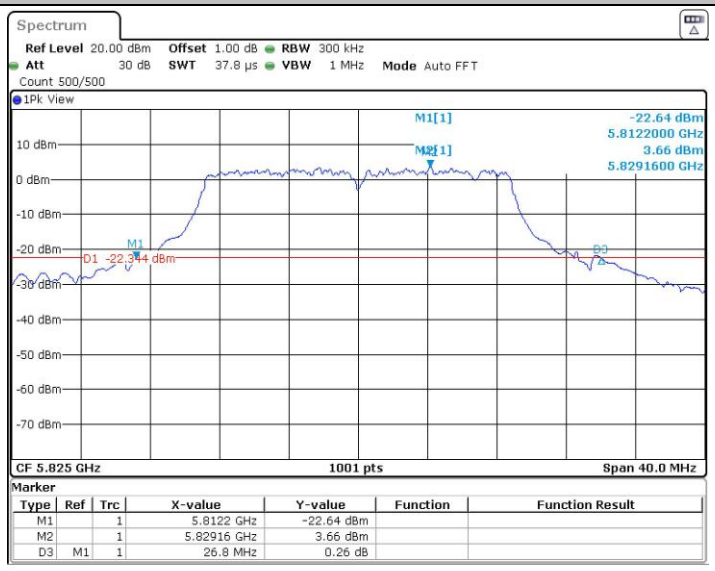

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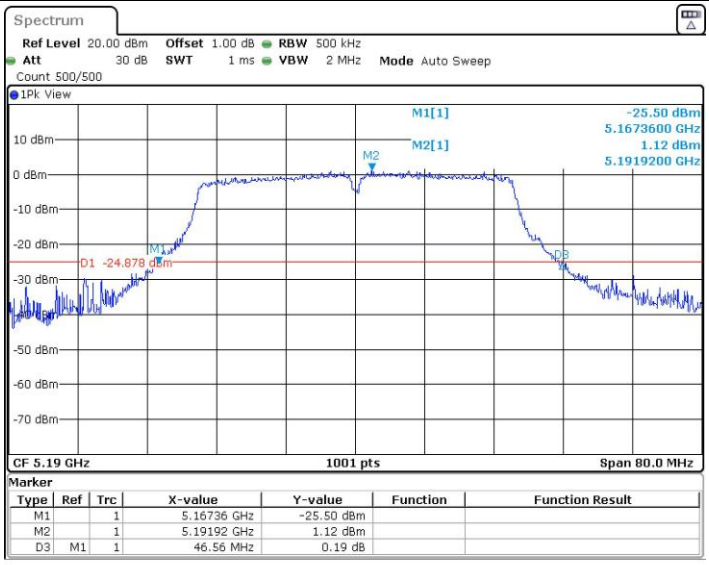

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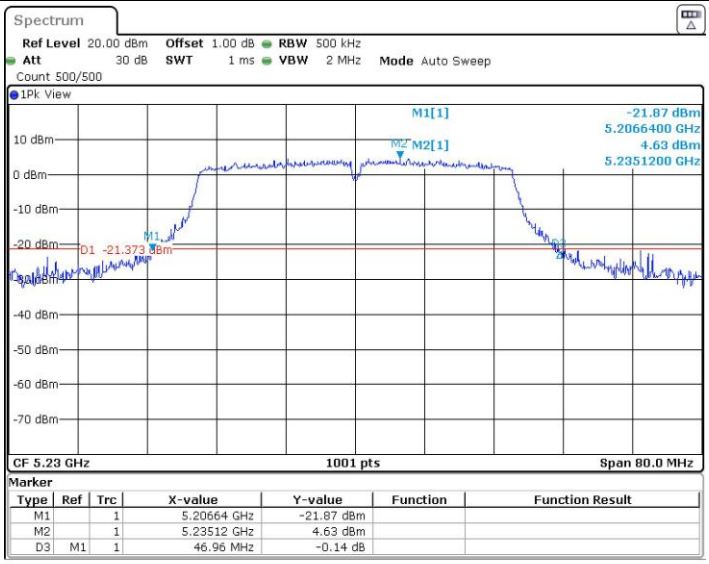

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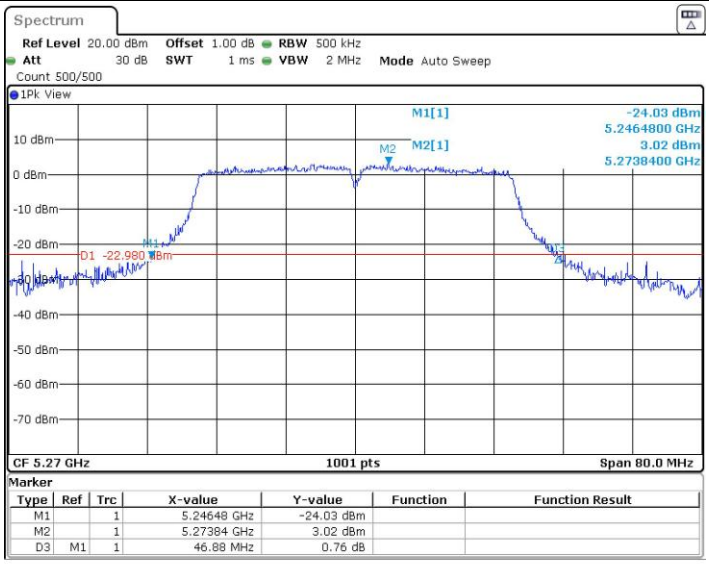

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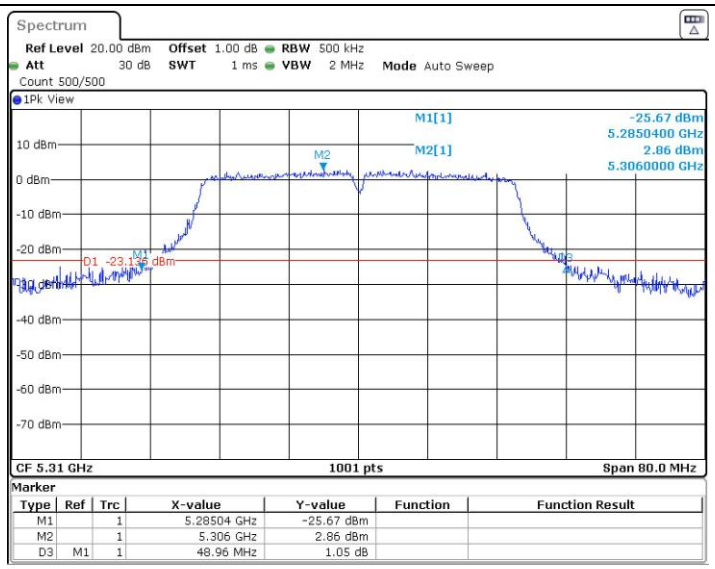

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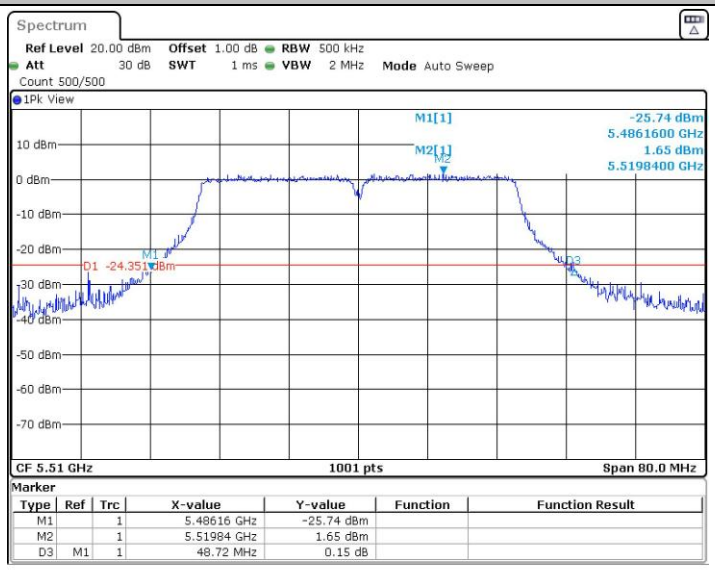

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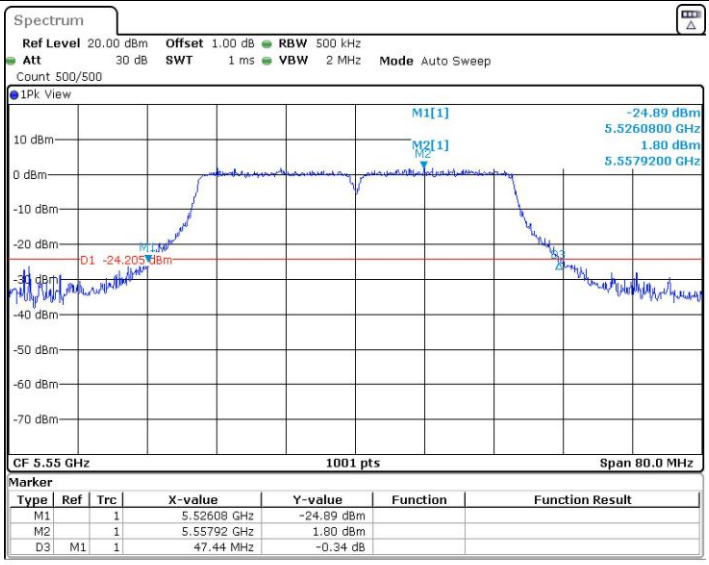

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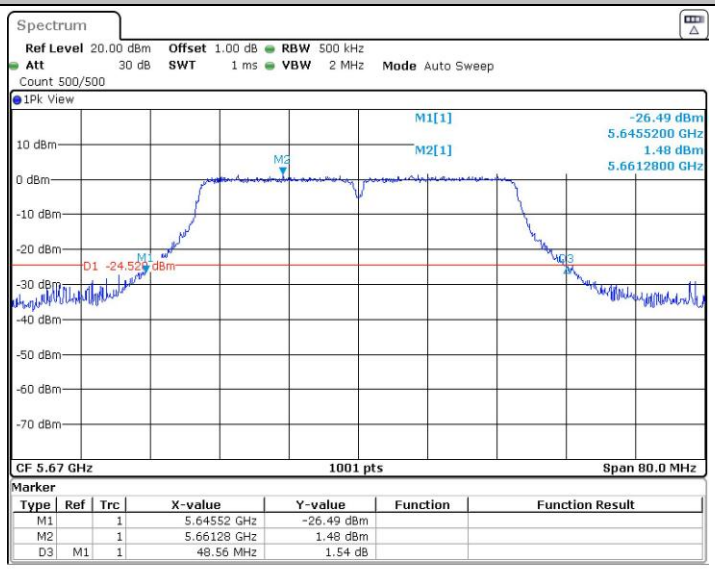

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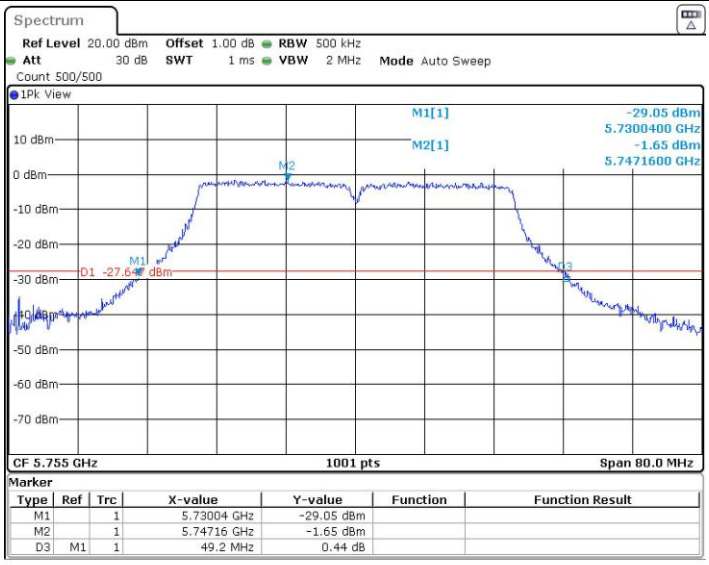

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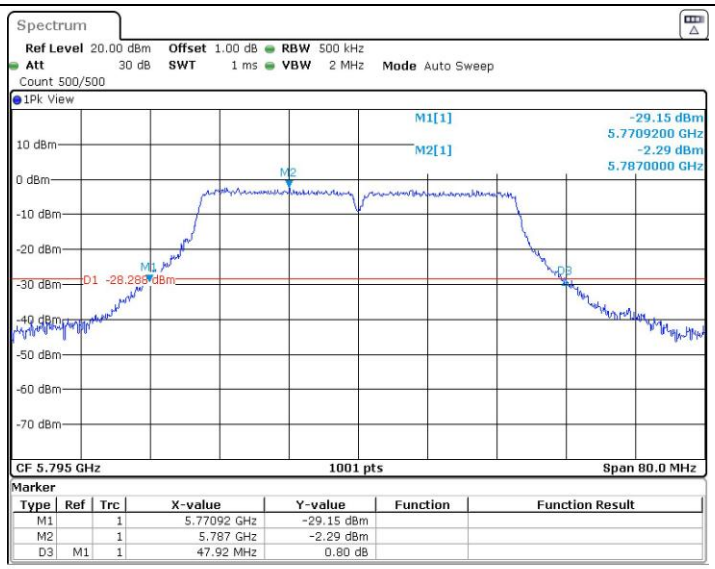

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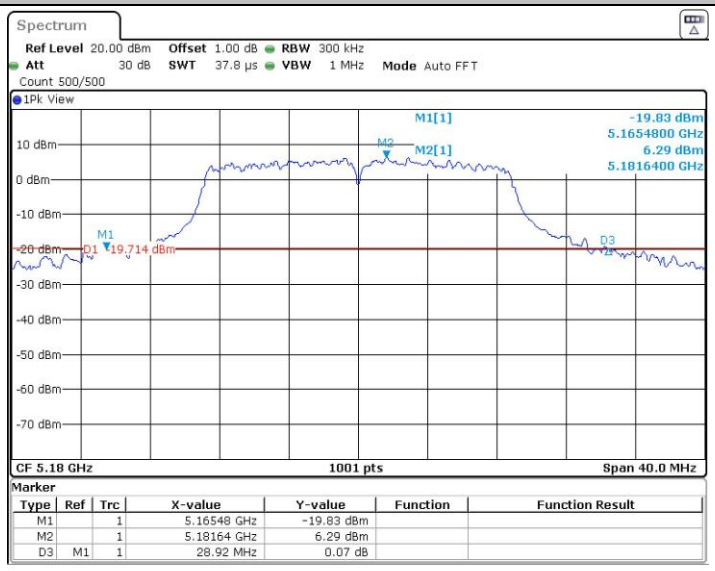

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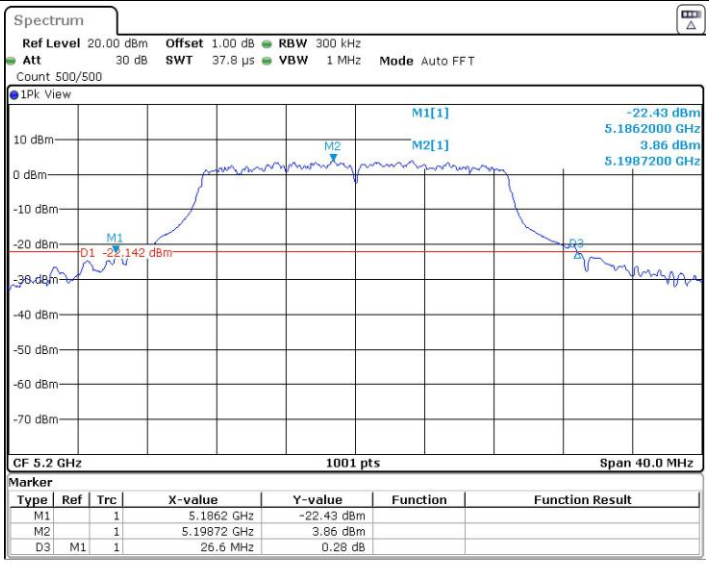

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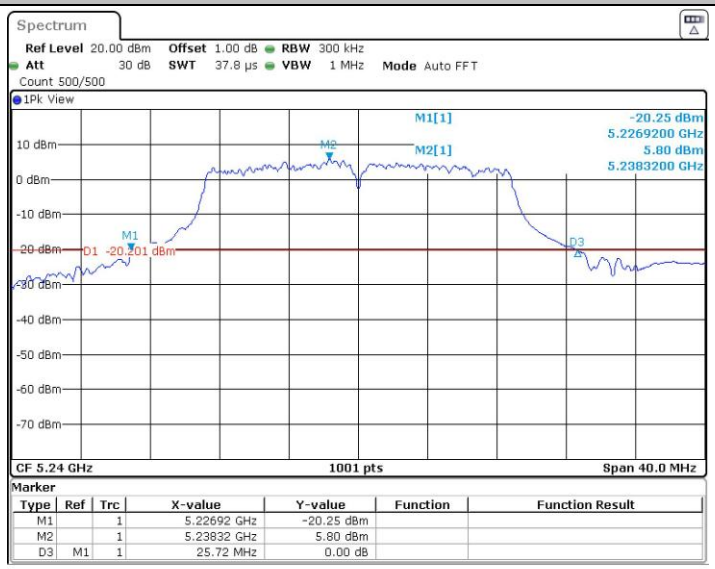
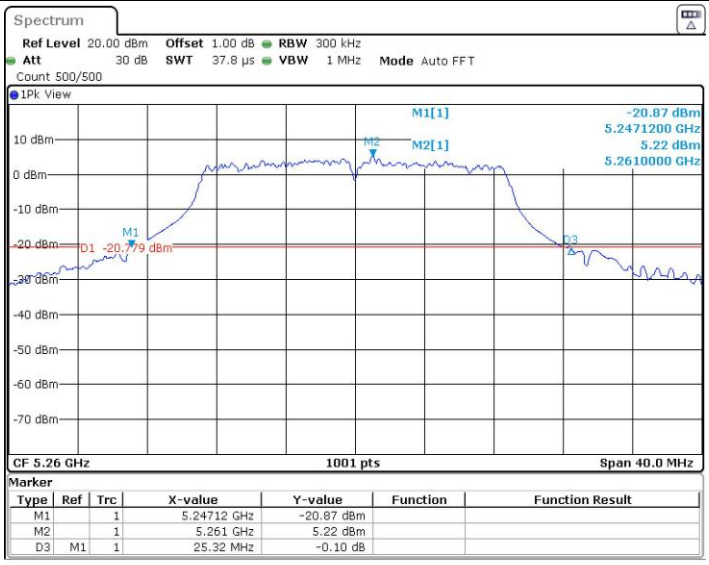


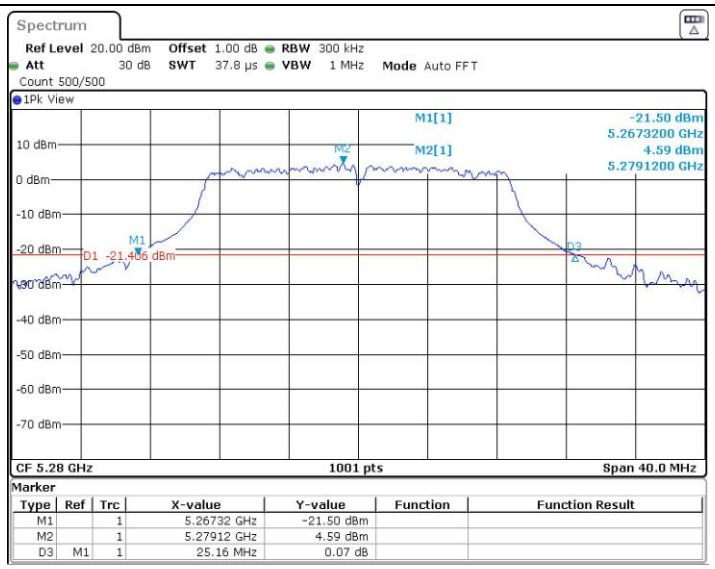
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.22692 GHz	-20.25 dBm		
M2		1	5.23832 GHz	5.80 dBm		
D3	M1	1	25.72 MHz	0.00 dB		

11AC20SISO_Ant1_5240



Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.24712 GHz	-20.87 dBm		
M2		1	5.261 GHz	5.22 dBm		
D3	M1	1	25.32 MHz	-0.10 dB		

11AC20SISO_Ant1_5260



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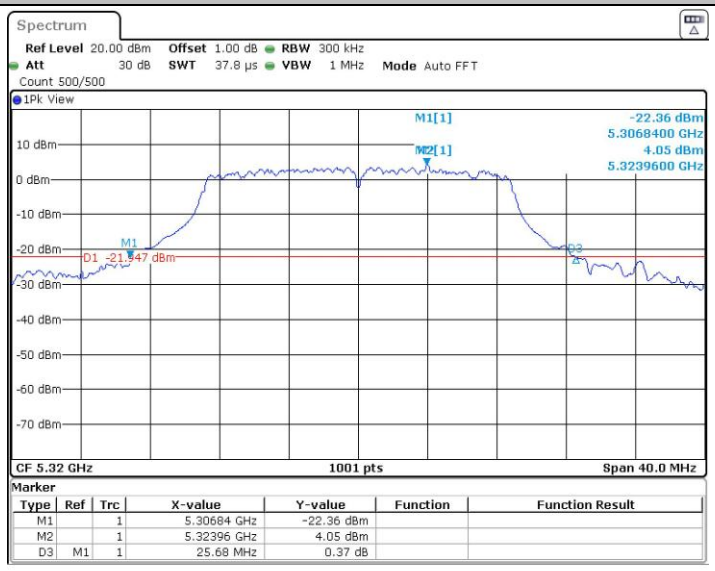

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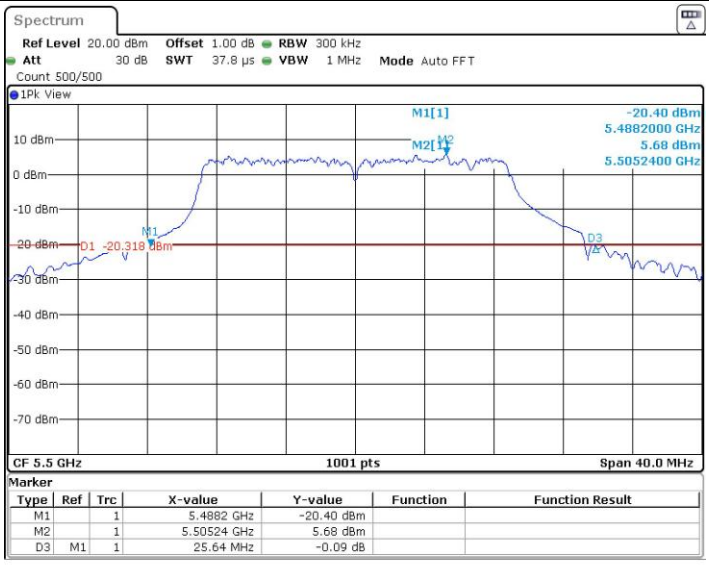
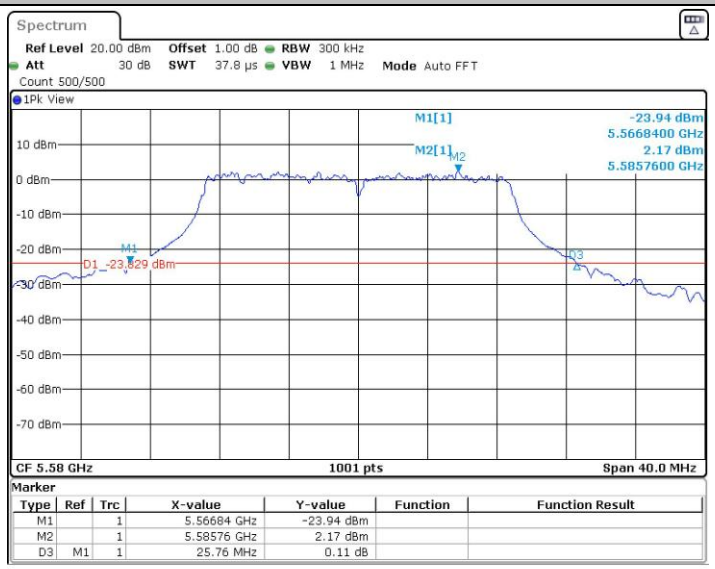
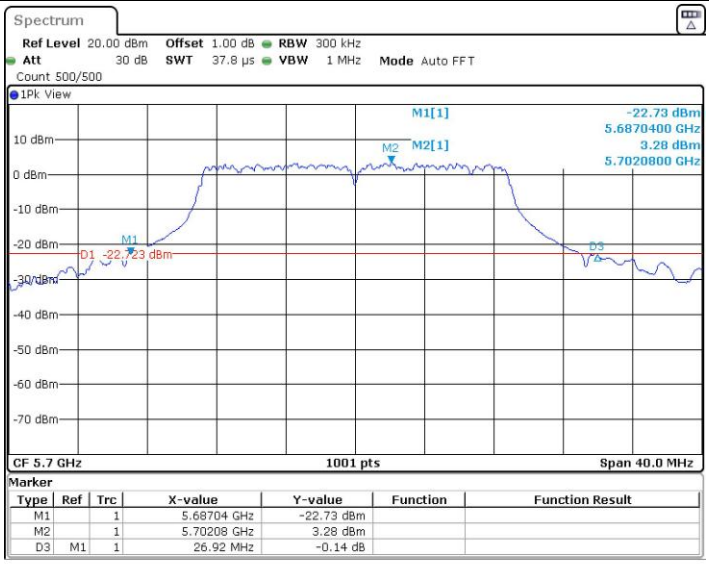


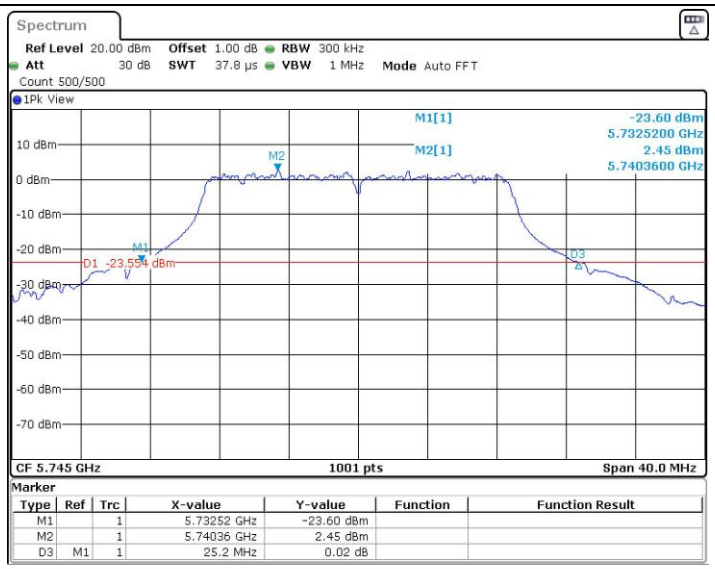
11AC20SISO_Ant1_5500



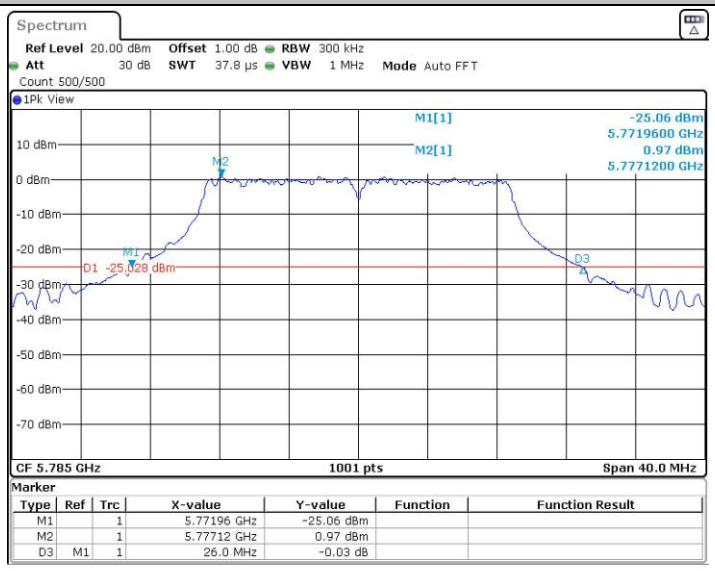
11AC20SISO_Ant1_5580



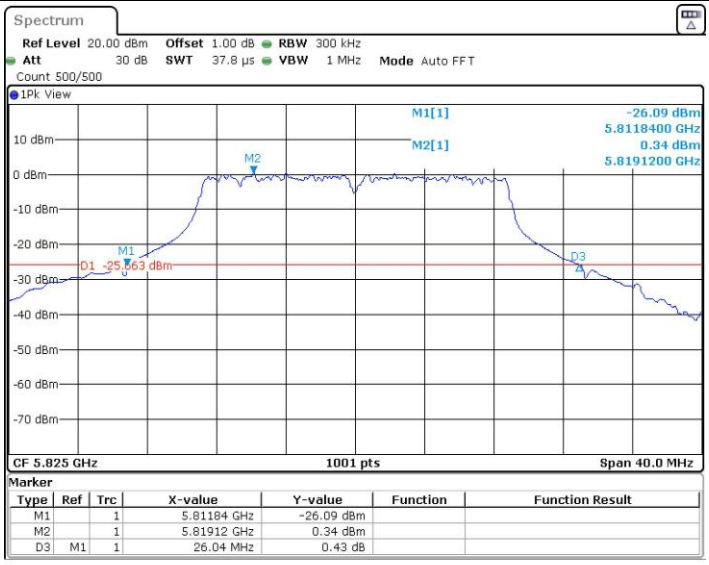
11AC20SISO_Ant1_5700



11AC20SISO_Ant1_5745



11AC20SISO_Ant1_5785



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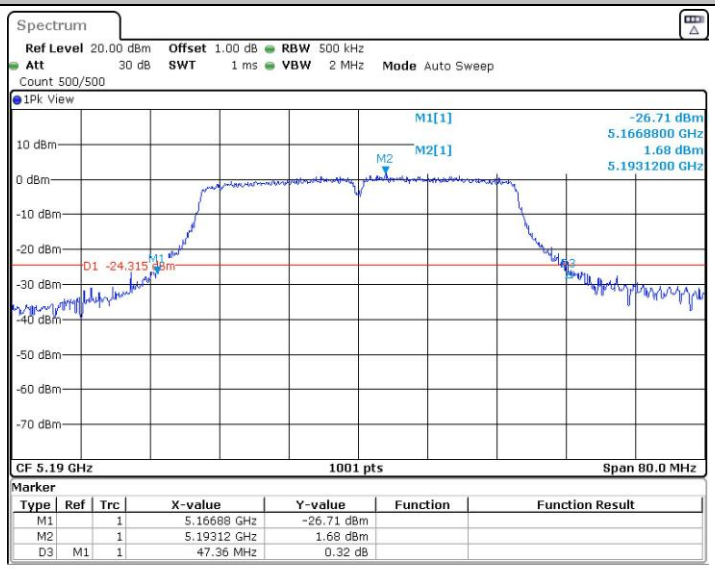
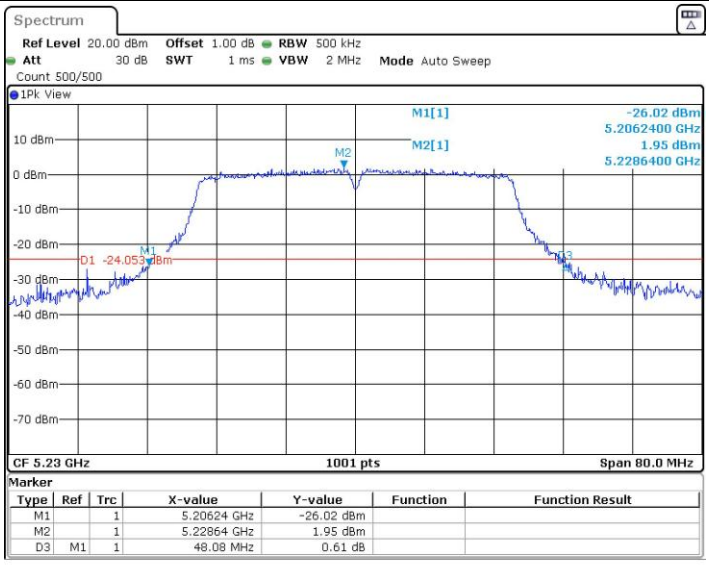


11AC40SISO_Ant1_5190



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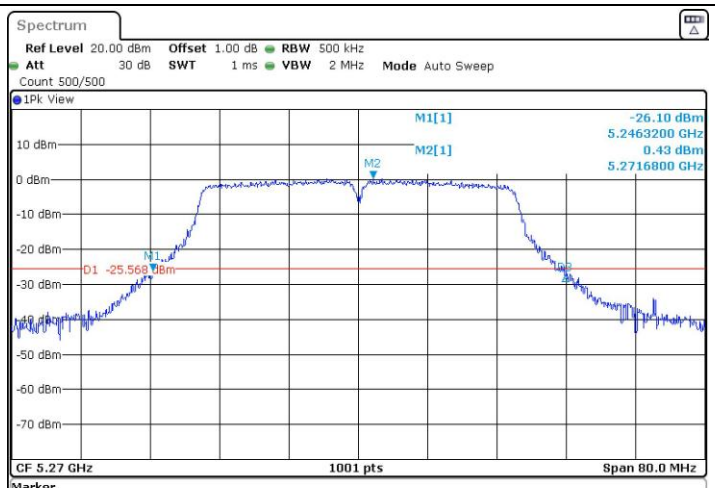
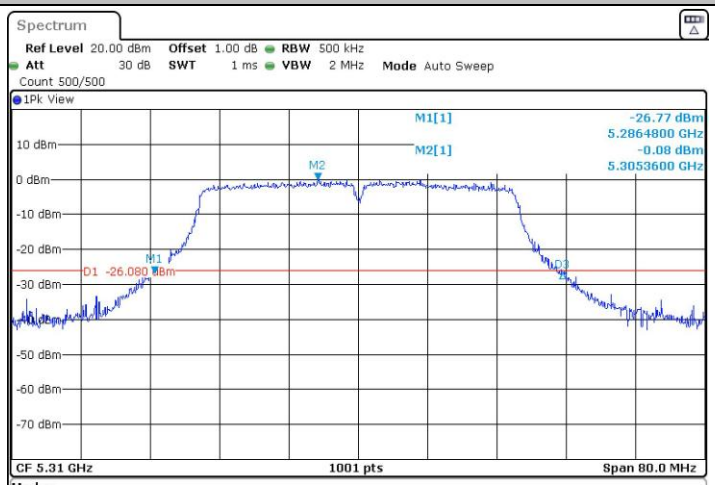


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.24632 GHz	-26.10 dBm		
M2		1	5.27168 GHz	0.43 dBm		
D3	M1	1	47.52 MHz	-1.38 dB		

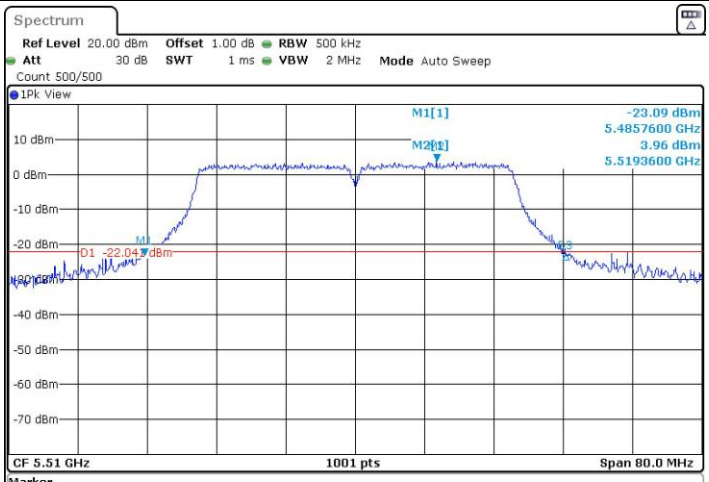
11AC40SISO_Ant1_5270



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.28648 GHz	-26.77 dBm		
M2		1	5.30536 GHz	-0.08 dBm		
D3	M1	1	47.12 MHz	0.18 dB		

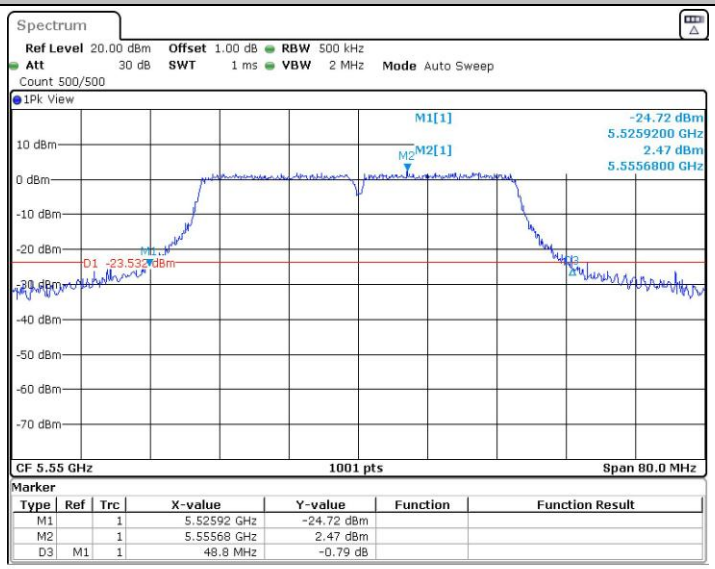
11AC40SISO_Ant1_5310



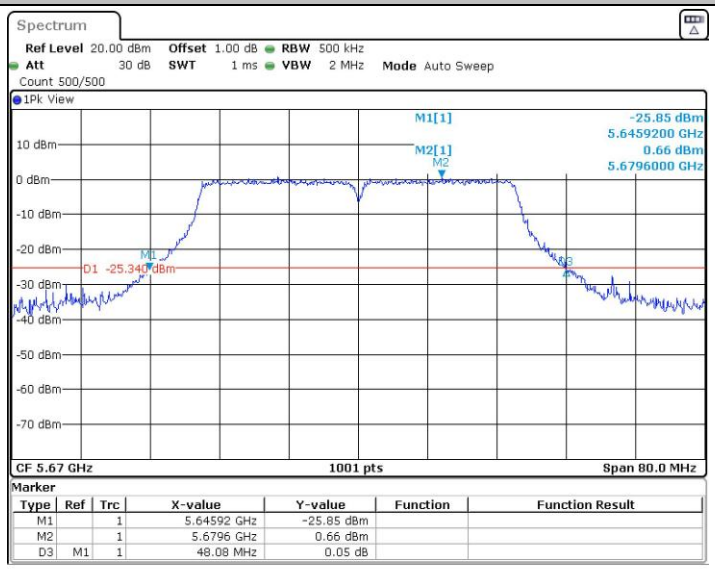
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.48576 GHz	-23.09 dBm		
M2		1	5.51936 GHz	3.96 dBm		
D3	M1	1	48.48 MHz	0.44 dB		

11AC40SISO_Ant1_5510



11AC40SISO_Ant1_5550



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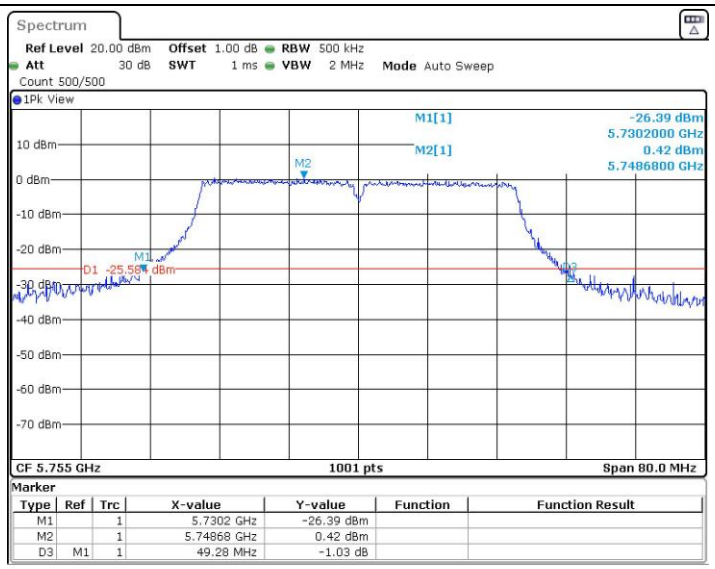
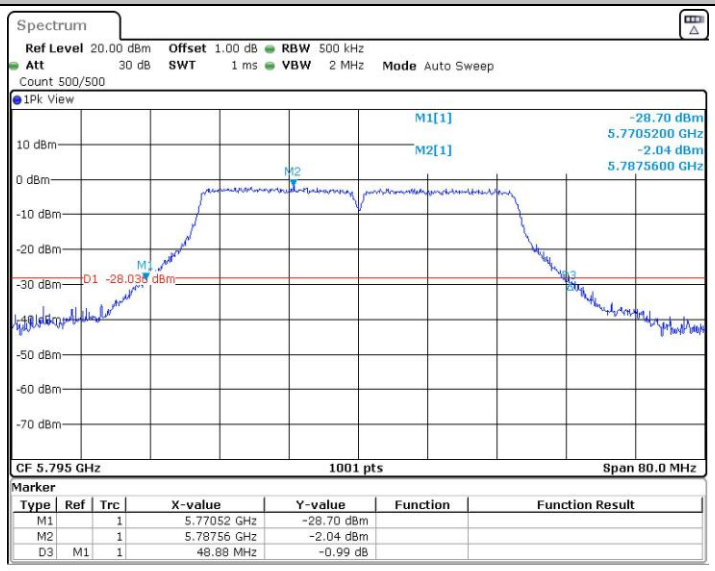
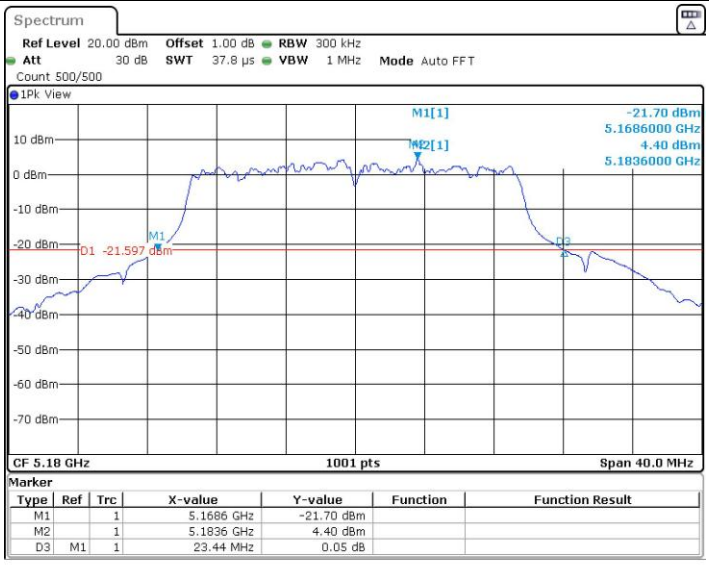


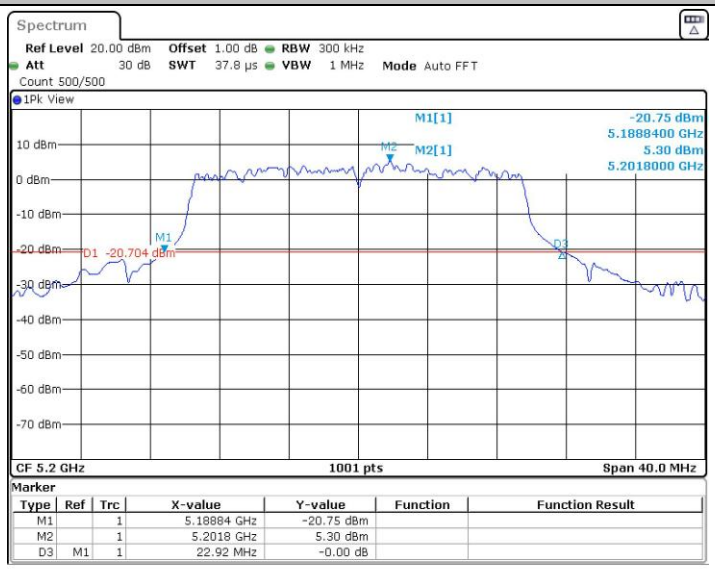
11AC40SISO_Ant1_5755



11AC40SISO_Ant1_5795



11AX20SISO_Ant1_5180



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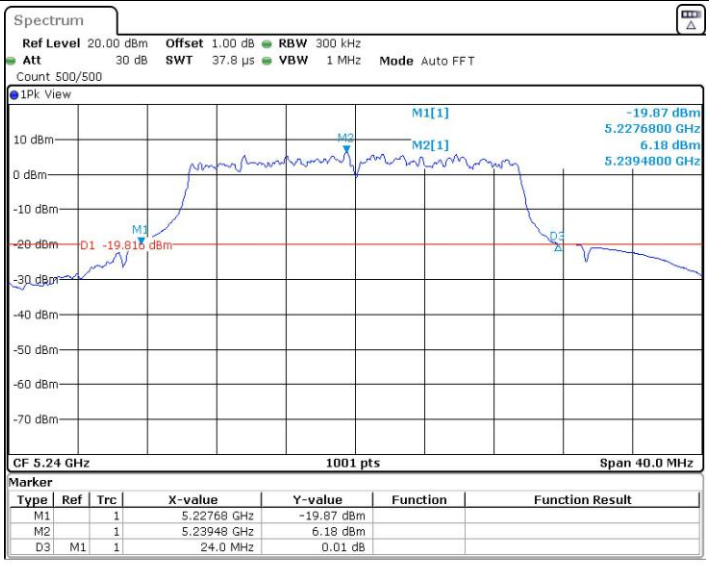

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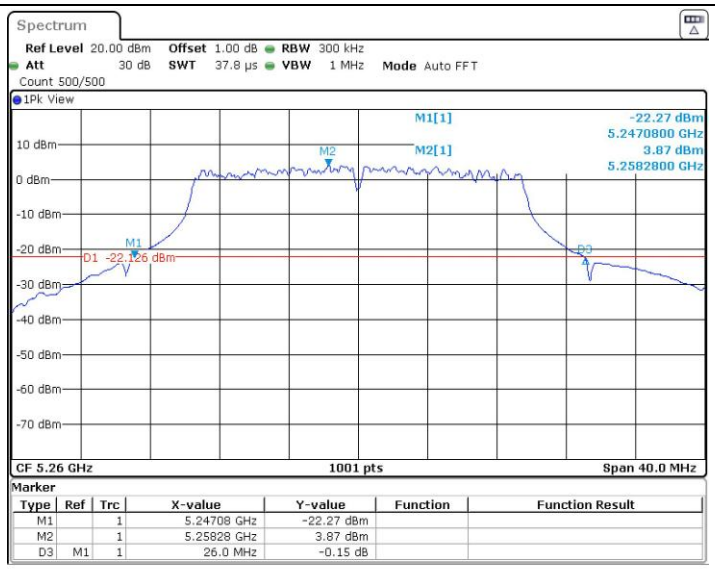

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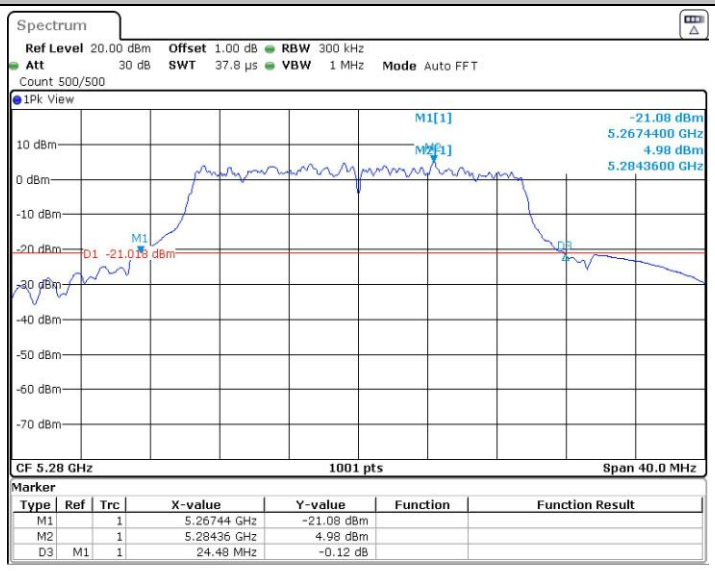

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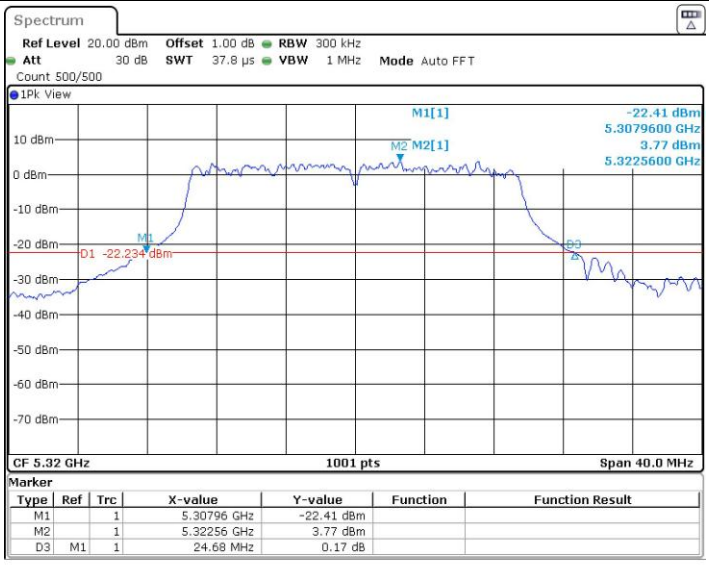

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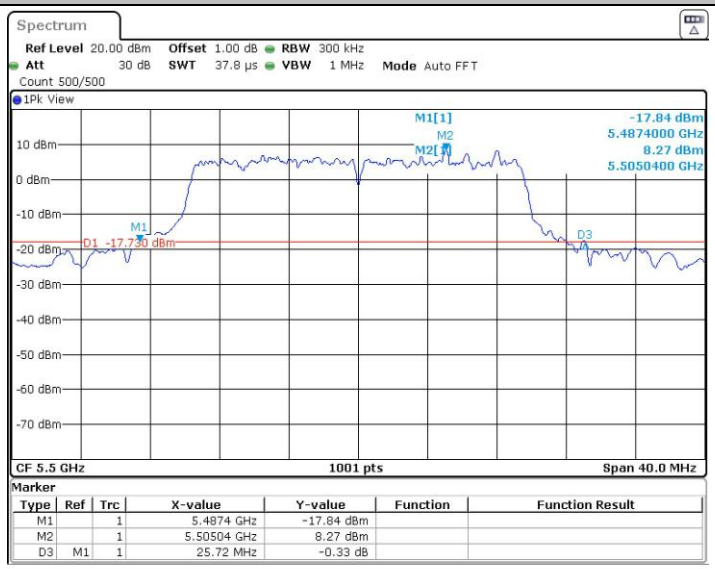

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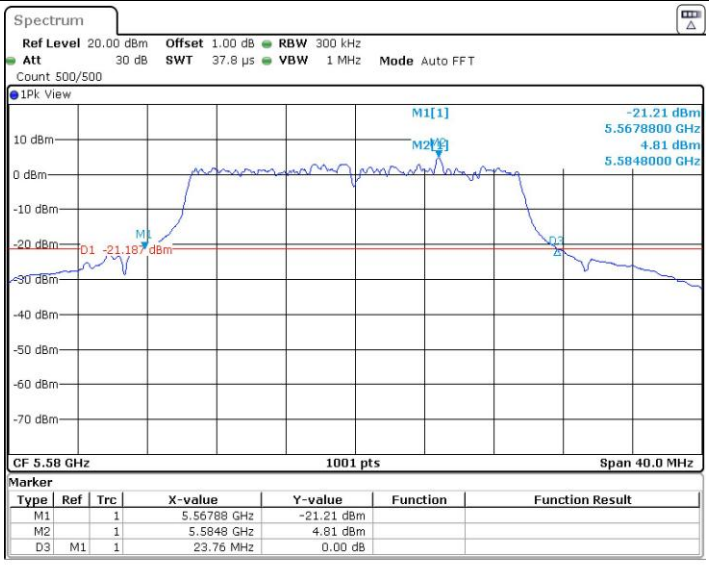

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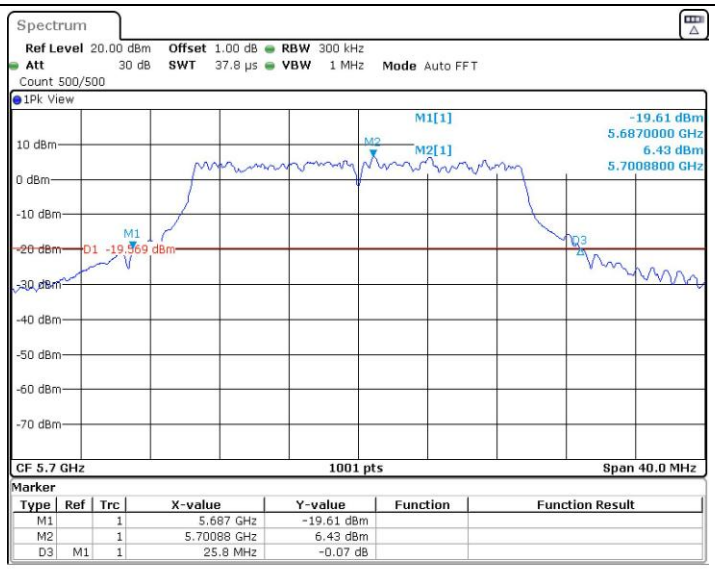

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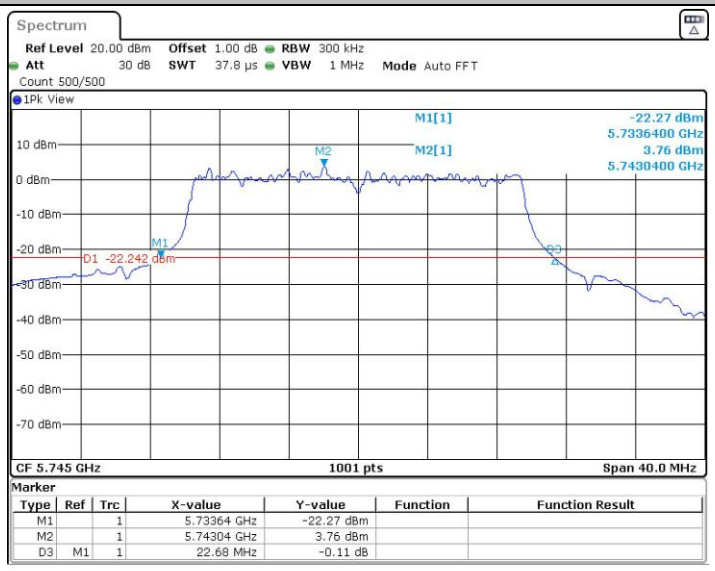

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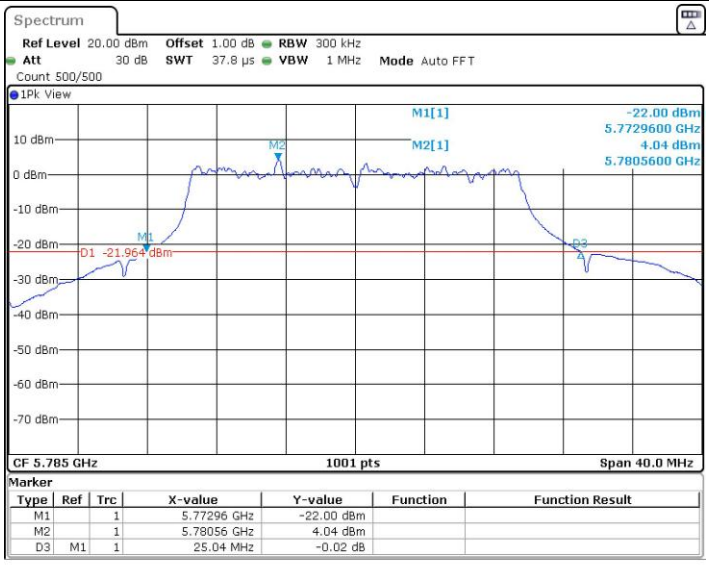

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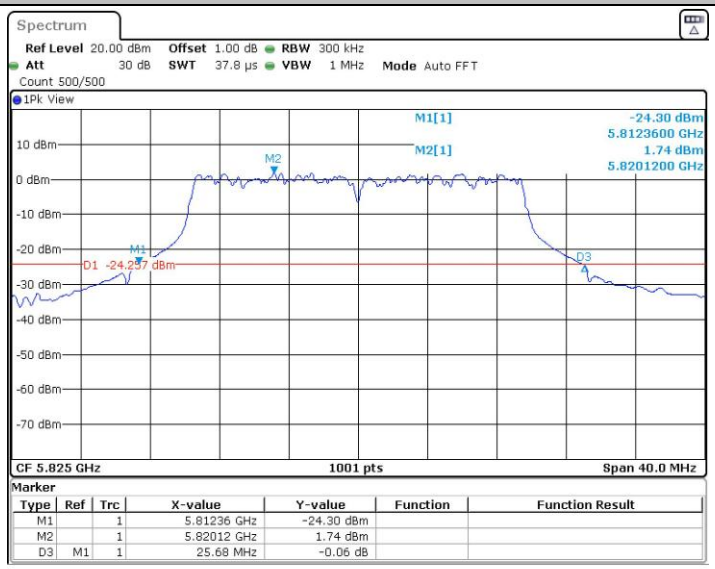

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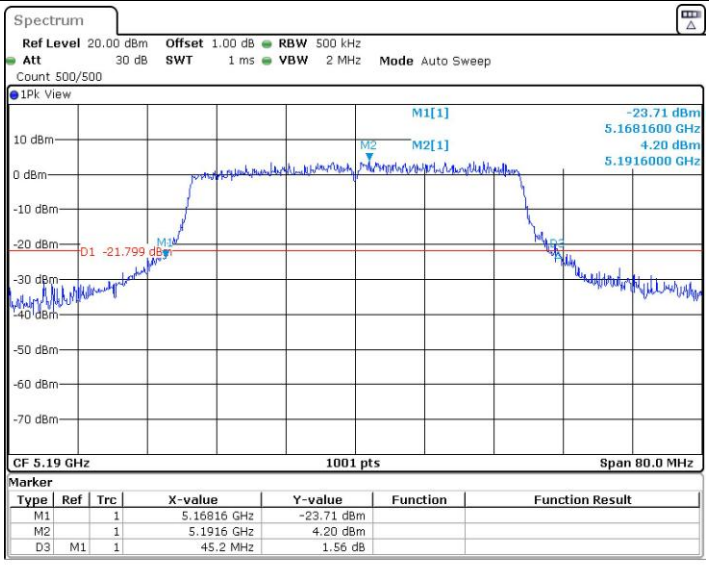

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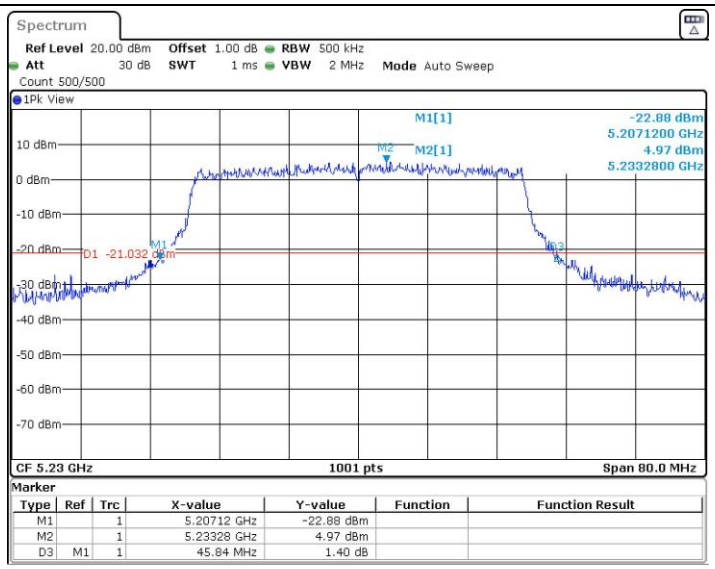

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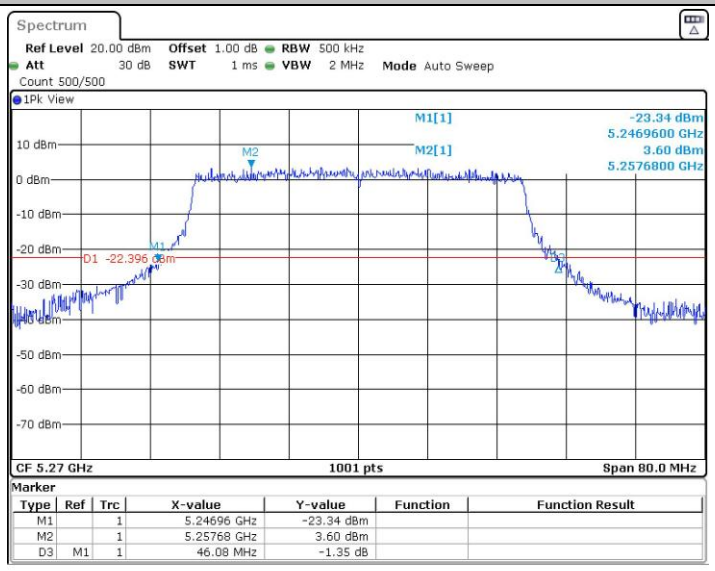

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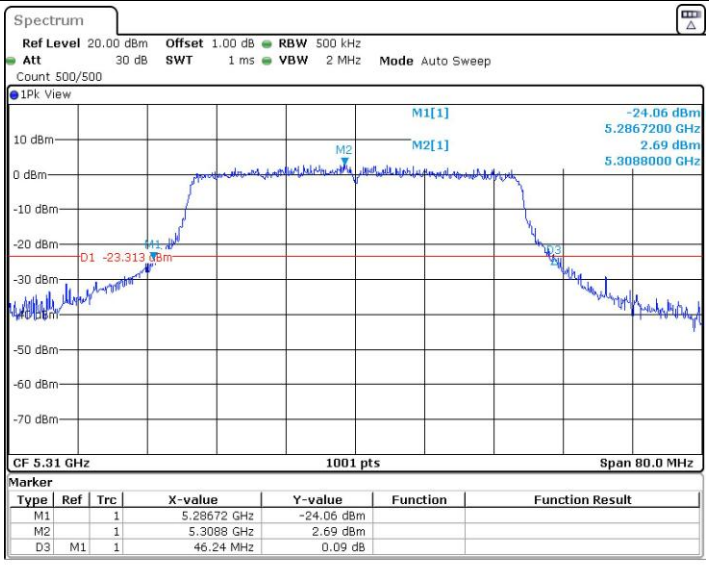

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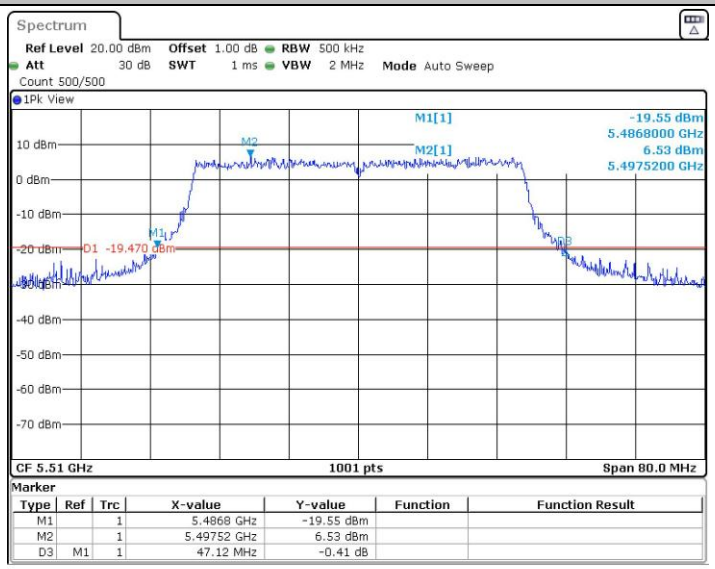
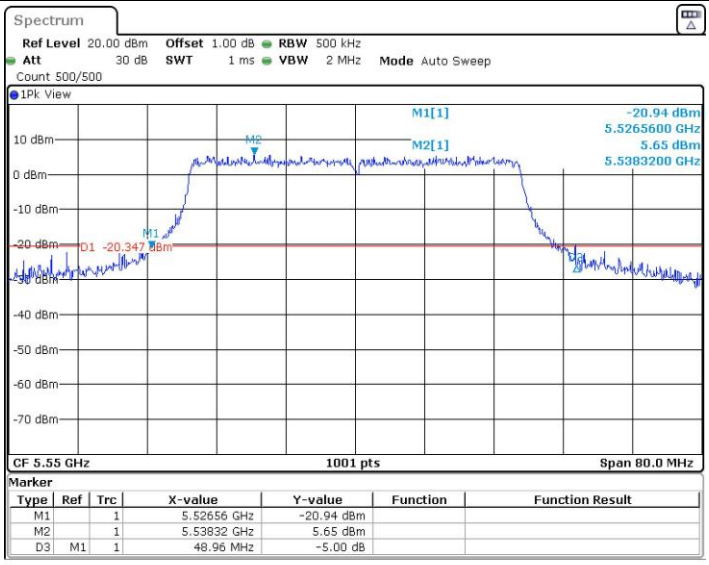
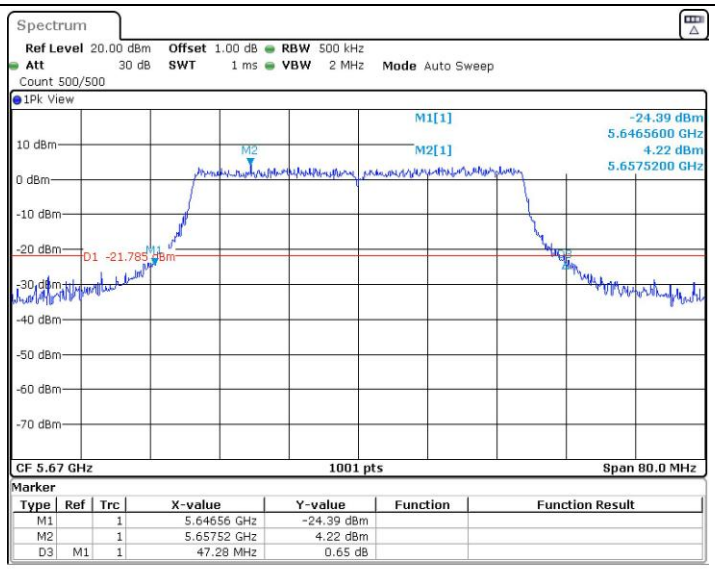


11AX40SISO_Ant1_5510



11AX40SISO_Ant1_5550



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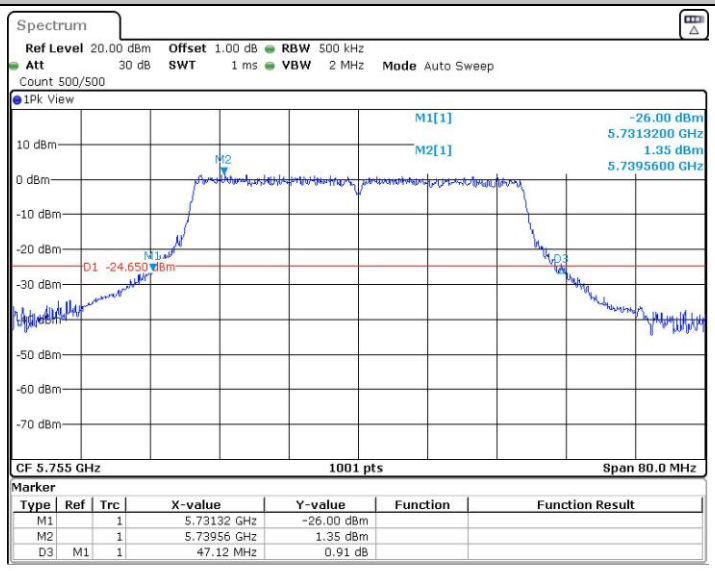

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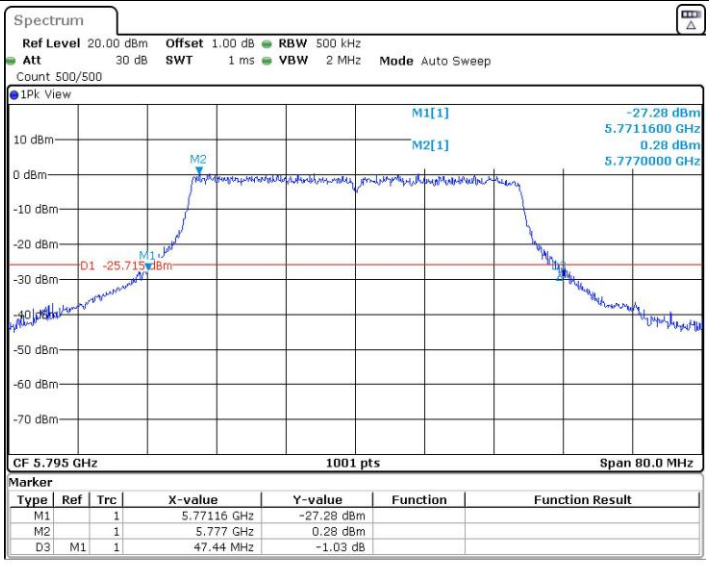


11AX40SISO_Ant1_5795

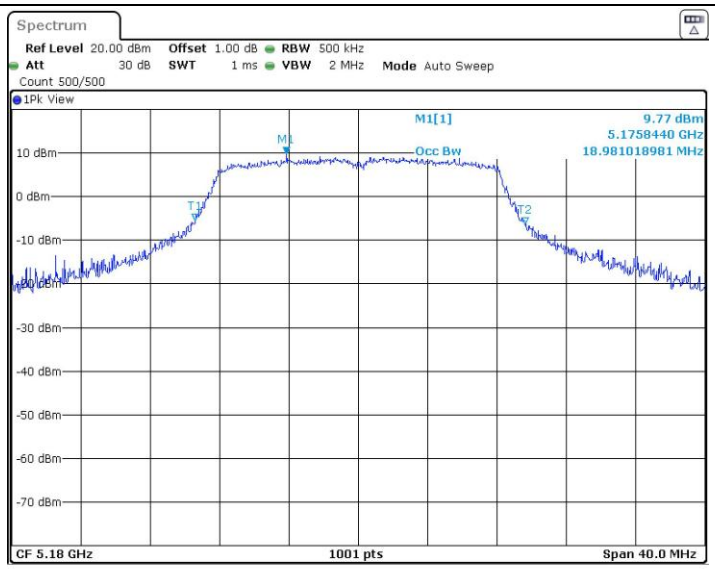
Appendix A2: Occupied channel bandwidth

Test Result

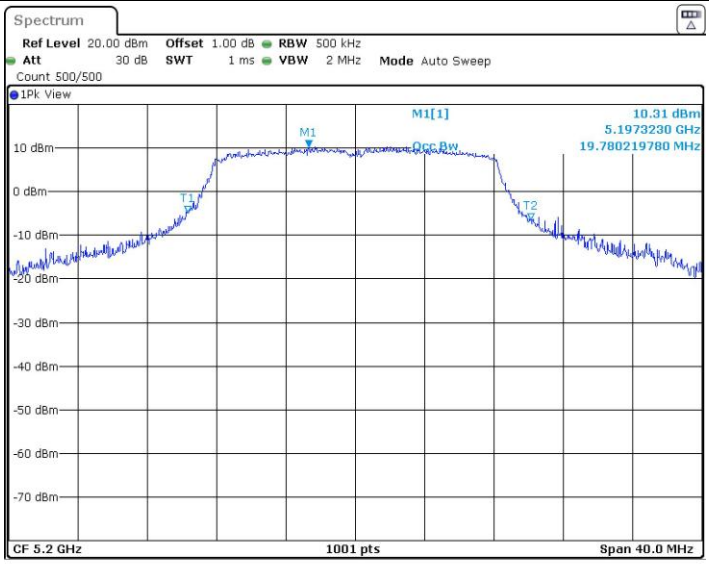
TestMode	Antenna	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5180	18.981	5170.609	5189.590	---	PASS
		5200	19.78	5190.330	5210.110	---	PASS
		5240	20.539	5229.770	5250.310	---	PASS
		5260	19.101	5250.330	5269.431	---	PASS
		5280	19.021	5270.370	5289.391	---	PASS
		5320	19.301	5310.250	5329.550	---	PASS
		5500	19.5	5490.250	5509.750	---	PASS
		5580	19.021	5570.330	5589.351	---	PASS
		5700	19.101	5690.370	5709.471	---	PASS
		5745	19.62	5734.970	5754.590	---	PASS
		5785	19.381	5775.170	5794.550	---	PASS
		5825	19.221	5815.330	5834.550	---	PASS
11N20SISO	Ant1	5180	19.98	5170.130	5190.110	---	PASS
		5200	20.699	5189.890	5210.589	---	PASS
		5240	21.259	5229.451	5250.709	---	PASS
		5260	19.86	5250.010	5269.870	---	PASS
		5280	19.86	5270.010	5289.870	---	PASS
		5320	20.14	5309.890	5330.030	---	PASS
		5500	20.38	5489.890	5510.270	---	PASS
		5580	19.98	5569.970	5589.950	---	PASS
		5700	20.02	5689.930	5709.950	---	PASS
		5745	20.5	5734.650	5755.150	---	PASS
		5785	20.3	5774.730	5795.030	---	PASS
		5825	20.1	5814.930	5835.030	---	PASS
11N40SISO	Ant1	5190	38.681	5170.979	5209.660	---	PASS
		5230	38.761	5210.739	5249.500	---	PASS
		5270	38.362	5250.819	5289.181	---	PASS
		5310	38.601	5290.579	5329.181	---	PASS
		5510	41.718	5488.901	5530.619	---	PASS
		5550	44.915	5526.104	5571.019	---	PASS
		5670	39.481	5650.180	5689.660	---	PASS
		5755	39.72	5734.700	5774.421	---	PASS
		5795	39.321	5775.100	5814.421	---	PASS
11AC20SISO	Ant1	5180	20.26	5170.050	5190.310	---	PASS
		5200	20.579	5189.970	5210.549	---	PASS
		5240	21.459	5229.291	5250.749	---	PASS
		5260	19.94	5249.970	5269.910	---	PASS

		5280	20.02	5269.850	5289.870	---	PASS
		5320	20.42	5309.730	5330.150	---	PASS
		5500	23.257	5488.332	5511.588	---	PASS
		5580	20.46	5569.690	5590.150	---	PASS
		5700	21.019	5689.411	5710.430	---	PASS
		5745	20.859	5734.371	5755.230	---	PASS
		5785	20.38	5774.730	5795.110	---	PASS
		5825	20.06	5814.970	5835.030	---	PASS
11AC40SISO	Ant1	5190	39.081	5170.979	5210.060	---	PASS
		5230	39.88	5210.420	5250.300	---	PASS
		5270	38.521	5250.659	5289.181	---	PASS
		5310	38.841	5290.420	5329.261	---	PASS
		5510	43.956	5488.102	5532.058	---	PASS
		5550	45.554	5526.344	5571.898	---	PASS
		5670	40.04	5650.020	5690.060	---	PASS
		5755	39.64	5734.940	5774.580	---	PASS
		5795	38.921	5775.500	5814.421	---	PASS
11AX20SISO	Ant1	5180	19.74	5170.250	5189.990	---	PASS
		5200	19.82	5190.210	5210.030	---	PASS
		5240	19.86	5230.130	5249.990	---	PASS
		5260	19.9	5250.090	5269.990	---	PASS
		5280	19.86	5270.130	5289.990	---	PASS
		5320	19.9	5310.090	5329.990	---	PASS
		5500	20.18	5489.970	5510.150	---	PASS
		5580	20.3	5569.850	5590.150	---	PASS
		5700	20.3	5689.850	5710.150	---	PASS
		5745	20.3	5734.810	5755.110	---	PASS
		5785	20.18	5774.890	5795.070	---	PASS
		5825	20.18	5814.970	5835.150	---	PASS
11AX40SISO	Ant1	5190	39.161	5170.659	5209.820	---	PASS
		5230	39.481	5210.340	5249.820	---	PASS
		5270	38.921	5250.579	5289.500	---	PASS
		5310	39.001	5290.420	5329.421	---	PASS
		5510	40.28	5489.780	5530.060	---	PASS
		5550	39.401	5530.340	5569.740	---	PASS
		5670	39.56	5650.180	5689.740	---	PASS
		5755	39.56	5735.100	5774.660	---	PASS
		5795	39.481	5775.180	5814.660	---	PASS

Test Graphs



11A_Ant1_5180



11A_Ant1_5200