

RF Test Data for 5G Wi-Fi (Conducted Measurements)

General Description of EUT	
Product Name:	AC1200 Dual Band Mesh Router Dual Band Whole Home Mesh WiFi System AC1200 Dual Band WiFi Repeater
Test Model:	NM1217C
Sample ID:	20210719-04-2#
Environmental Conditions	
Temperature:	24.6°C
Relative Humidity:	54%
Test Voltage:	DC 12V
Test Engineer:	Hejingchang
Note: For a more detailed features description, please refer to the report TB-FCC182889	

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1. Emission Bandwidth

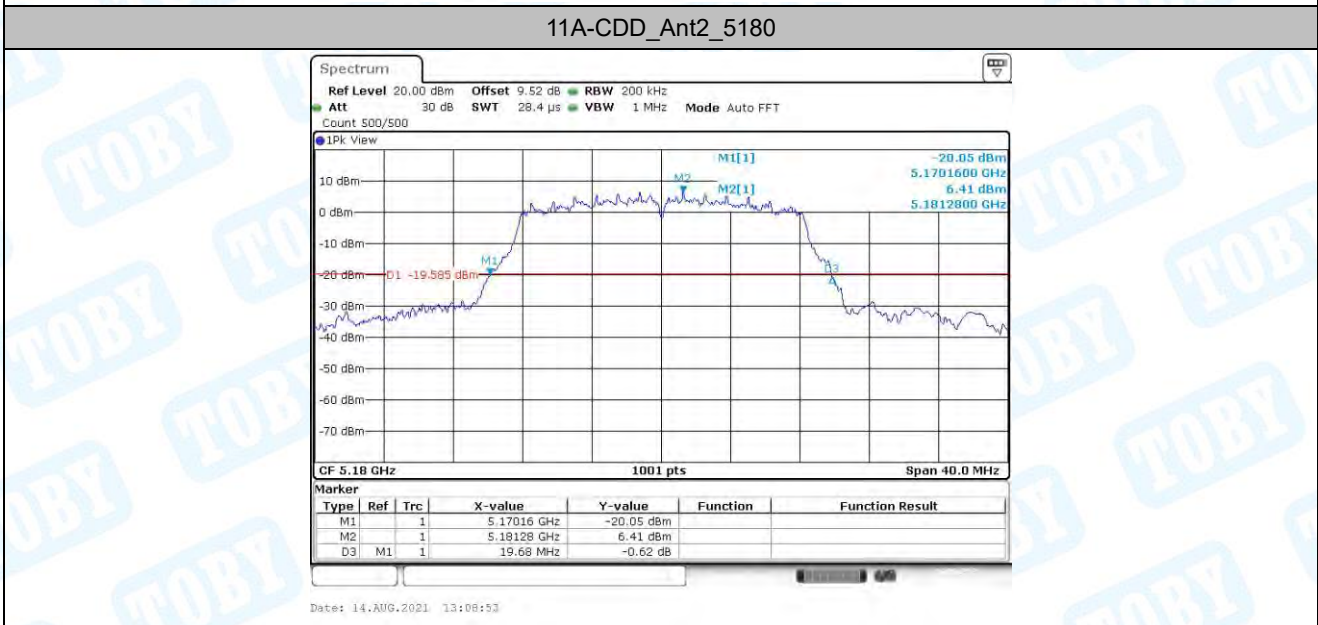
1.1. Test Result

TestMode	Antenna	Channel	26db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A-CDD	Ant1	5180	23.120	5170.080	5193.200	---	PASS
	Ant2	5180	19.680	5170.160	5189.840	---	PASS
	Ant1	5200	28.320	5186.160	5214.480	---	PASS
	Ant2	5200	31.280	5184.720	5216.000	---	PASS
	Ant1	5240	33.920	5222.400	5256.320	---	PASS
	Ant2	5240	35.600	5222.920	5258.520	---	PASS
	Ant1	5260	35.560	5242.360	5277.920	---	PASS
	Ant2	5260	35.240	5243.040	5278.280	---	PASS
	Ant1	5280	33.960	5262.720	5296.680	---	PASS
	Ant2	5280	36.840	5261.760	5298.600	---	PASS
	Ant1	5320	20.360	5310.080	5330.440	---	PASS
	Ant2	5320	20.200	5309.920	5330.120	---	PASS
	Ant1	5500	20.000	5490.040	5510.040	---	PASS
	Ant2	5500	20.480	5489.960	5510.440	---	PASS
	Ant1	5580	20.440	5569.640	5590.080	---	PASS
	Ant2	5580	27.560	5566.240	5593.800	---	PASS
	Ant1	5700	19.920	5689.960	5709.880	---	PASS
	Ant2	5700	19.960	5690.120	5710.080	---	PASS
11N20MIMO	Ant1	5180	20.440	5170.000	5190.440	---	PASS
	Ant2	5180	19.880	5169.920	5189.800	---	PASS
	Ant1	5200	27.160	5187.080	5214.240	---	PASS
	Ant2	5200	20.800	5189.520	5210.320	---	PASS
	Ant1	5240	30.840	5224.880	5255.720	---	PASS
	Ant2	5240	32.440	5223.640	5256.080	---	PASS
	Ant1	5260	24.200	5248.080	5272.280	---	PASS
	Ant2	5260	25.160	5247.760	5272.920	---	PASS
	Ant1	5280	20.640	5269.680	5290.320	---	PASS
	Ant2	5280	23.360	5269.240	5292.600	---	PASS
	Ant1	5320	20.000	5310.040	5330.040	---	PASS
	Ant2	5320	20.000	5309.960	5329.960	---	PASS
	Ant1	5500	20.040	5490.040	5510.080	---	PASS
	Ant2	5500	20.080	5489.920	5510.000	---	PASS
	Ant1	5580	20.280	5569.760	5590.040	---	PASS
	Ant2	5580	20.240	5569.920	5590.160	---	PASS
	Ant1	5700	20.400	5689.760	5710.160	---	PASS
	Ant2	5700	20.360	5689.800	5710.160	---	PASS
11N40MIMO	Ant1	5190	40.320	5170.160	5210.480	---	PASS
	Ant2	5190	40.320	5169.600	5209.920	---	PASS
	Ant1	5230	54.320	5201.760	5256.080	---	PASS
	Ant2	5230	56.960	5196.560	5253.520	---	PASS
	Ant1	5270	42.160	5248.800	5290.960	---	PASS

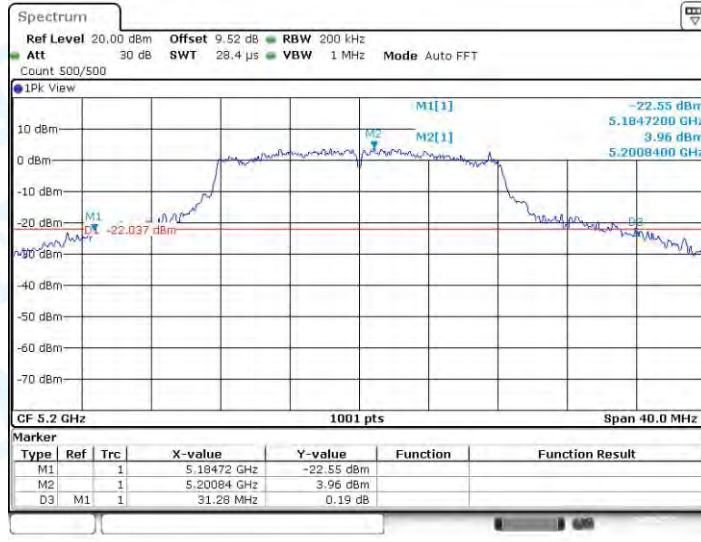
	Ant2	5270	46.720	5249.280	5296.000	---	PASS
	Ant1	5310	40.960	5289.840	5330.800	---	PASS
	Ant2	5310	39.840	5289.920	5329.760	---	PASS
	Ant1	5510	40.560	5489.520	5530.080	---	PASS
	Ant2	5510	39.600	5490.160	5529.760	---	PASS
	Ant1	5550	40.480	5530.000	5570.480	---	PASS
	Ant2	5550	39.680	5530.400	5570.080	---	PASS
	Ant1	5670	40.800	5649.680	5690.480	---	PASS
	Ant2	5670	40.320	5650.080	5690.400	---	PASS
11AC20MIMO	Ant1	5180	20.640	5169.840	5190.480	---	PASS
	Ant2	5180	19.920	5170.120	5190.040	---	PASS
	Ant1	5200	23.640	5187.440	5211.080	---	PASS
	Ant2	5200	20.560	5189.800	5210.360	---	PASS
	Ant1	5240	27.080	5226.840	5253.920	---	PASS
	Ant2	5240	30.280	5225.800	5256.080	---	PASS
	Ant1	5260	20.720	5249.720	5270.440	---	PASS
	Ant2	5260	20.400	5249.920	5270.320	---	PASS
	Ant1	5280	20.000	5270.040	5290.040	---	PASS
	Ant2	5280	22.960	5269.320	5292.280	---	PASS
	Ant1	5320	20.360	5309.880	5330.240	---	PASS
	Ant2	5320	20.040	5309.960	5330.000	---	PASS
	Ant1	5500	20.040	5489.960	5510.000	---	PASS
	Ant2	5500	19.920	5490.080	5510.000	---	PASS
	Ant1	5580	20.160	5569.960	5590.120	---	PASS
	Ant2	5580	20.320	5569.840	5590.160	---	PASS
	Ant1	5700	20.080	5690.000	5710.080	---	PASS
	Ant2	5700	19.920	5690.160	5710.080	---	PASS
11AC40MIMO	Ant1	5190	40.240	5170.080	5210.320	---	PASS
	Ant2	5190	40.320	5169.920	5210.240	---	PASS
	Ant1	5230	46.160	5209.200	5255.360	---	PASS
	Ant2	5230	53.520	5202.880	5256.400	---	PASS
	Ant1	5270	47.840	5249.680	5297.520	---	PASS
	Ant2	5270	40.160	5249.760	5289.920	---	PASS
	Ant1	5310	40.240	5290.160	5330.400	---	PASS
	Ant2	5310	40.080	5289.920	5330.000	---	PASS
	Ant1	5510	40.480	5489.680	5530.160	---	PASS
	Ant2	5510	40.320	5489.920	5530.240	---	PASS
	Ant1	5550	39.920	5530.160	5570.080	---	PASS
	Ant2	5550	40.640	5529.680	5570.320	---	PASS
	Ant1	5670	39.920	5649.840	5689.760	---	PASS
	Ant2	5670	40.320	5649.760	5690.080	---	PASS
11AC80MIMO	Ant1	5210	79.840	5170.160	5250.000	---	PASS
	Ant2	5210	79.360	5170.160	5249.520	---	PASS
	Ant1	5290	80.640	5249.360	5330.000	---	PASS
	Ant2	5290	79.680	5250.160	5329.840	---	PASS
	Ant1	5530	80.160	5489.840	5570.000	---	PASS

Ant2	5530	79.040	5490.640	5569.680	---	PASS
Ant1	5610	80.800	5569.200	5650.000	---	PASS
Ant2	5610	80.000	5569.840	5649.840	---	PASS

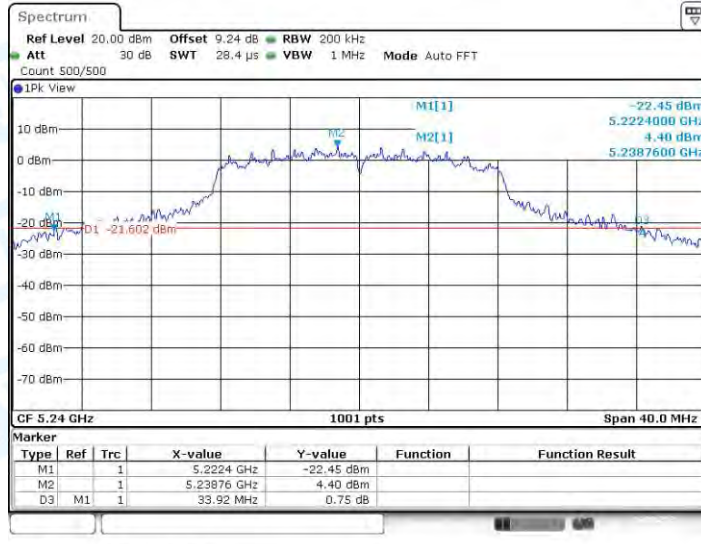
1.1. Test Graphs



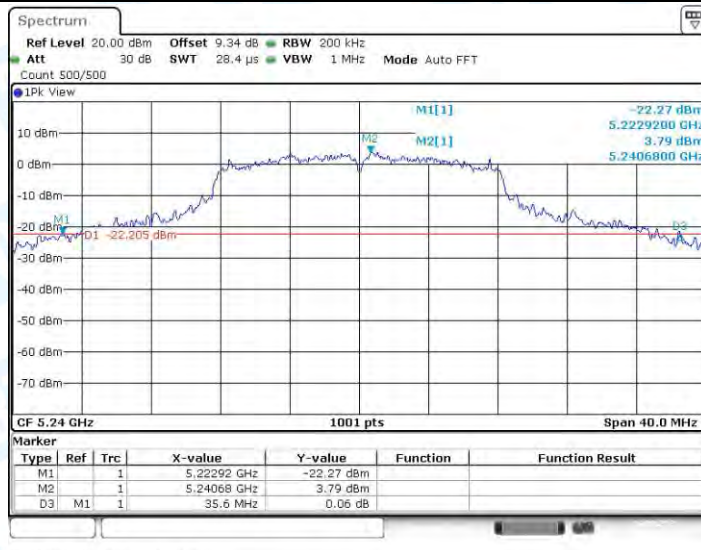
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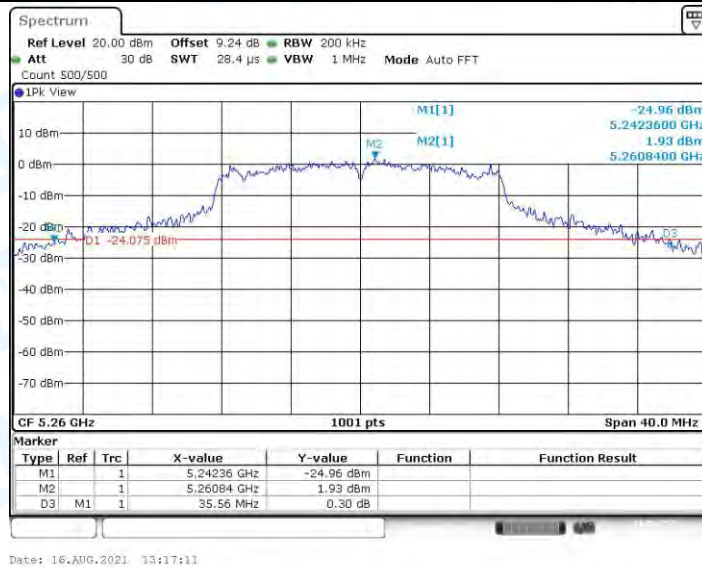
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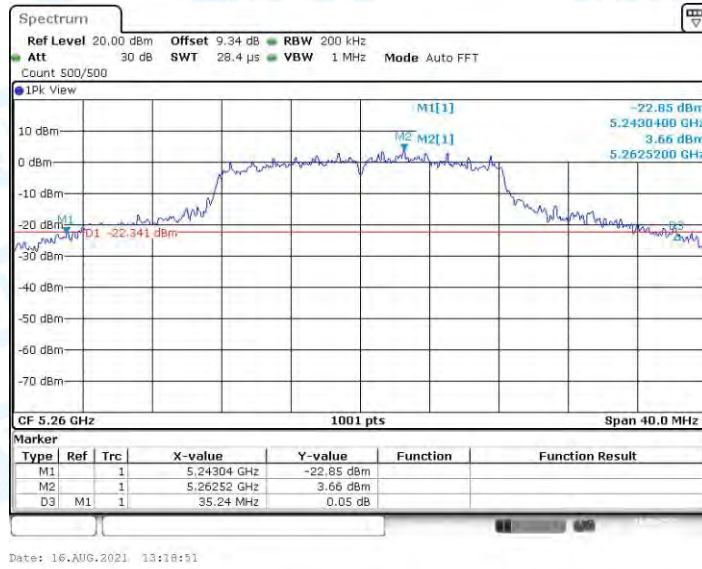
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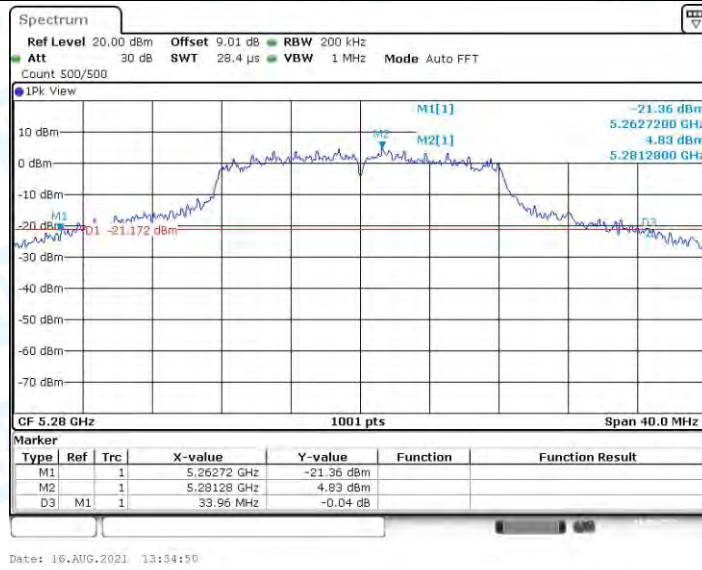
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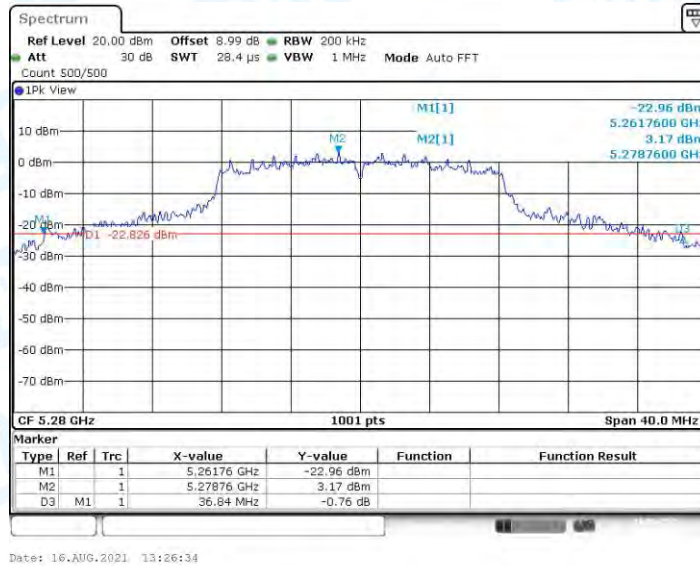
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11A-CDD_Ant1_5280



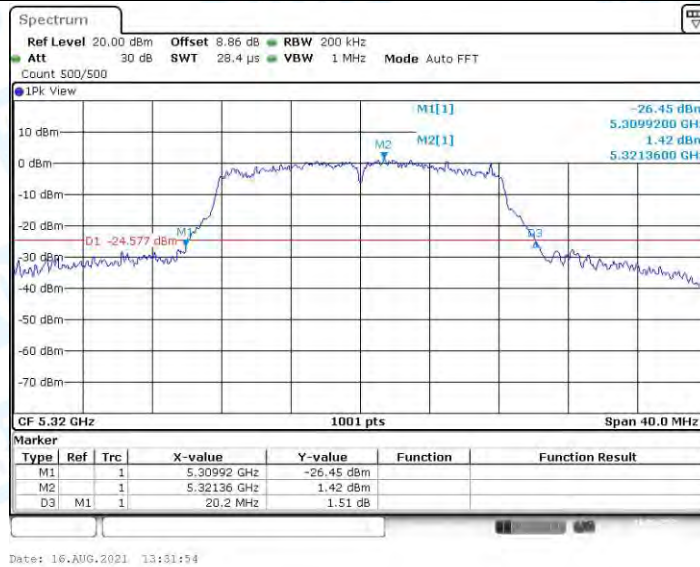
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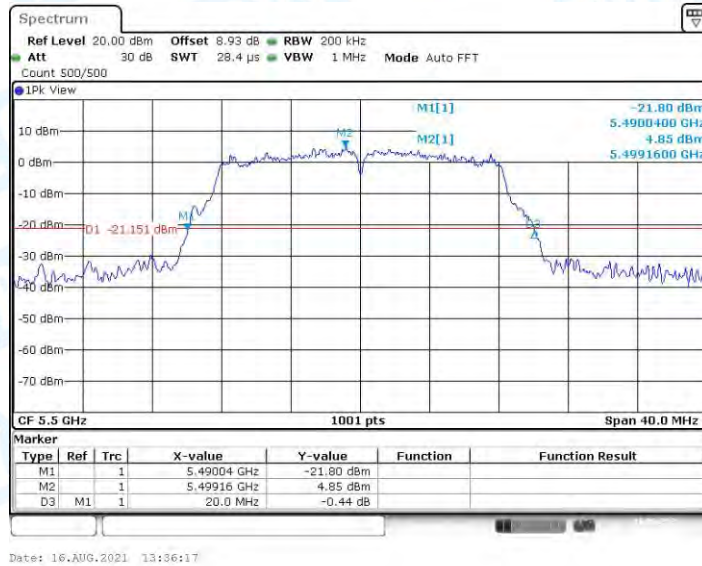
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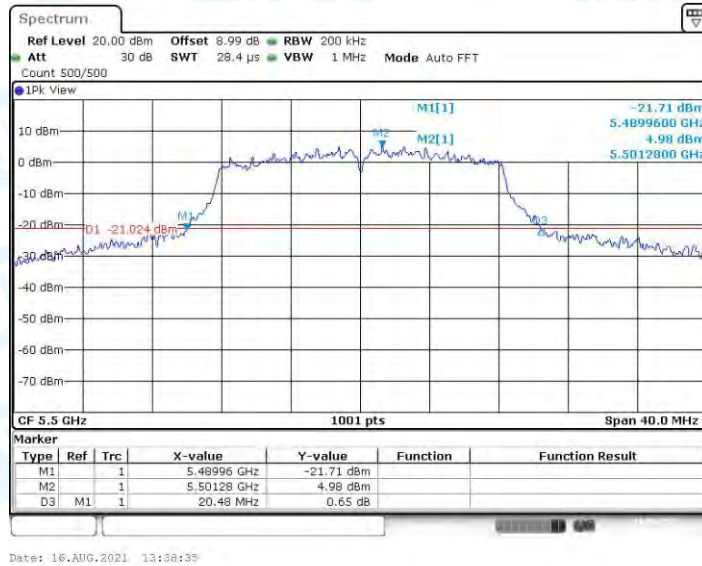
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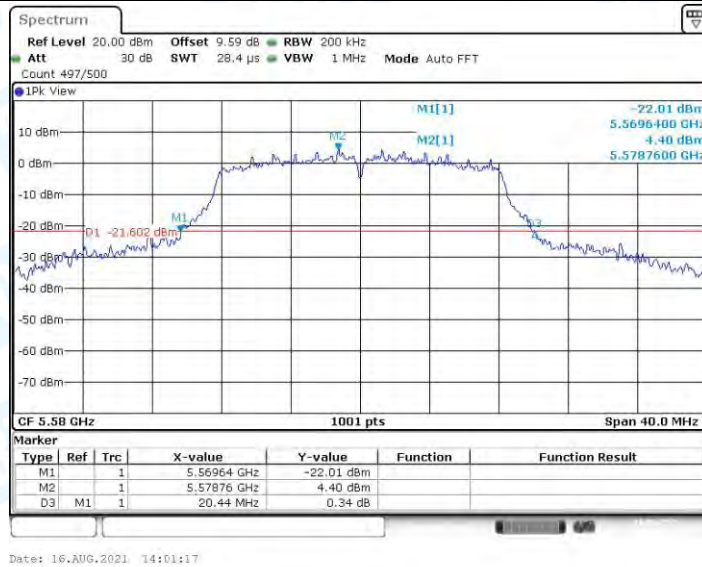
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11A-CDD_Ant2_5500



11A-CDD_Ant1_5580



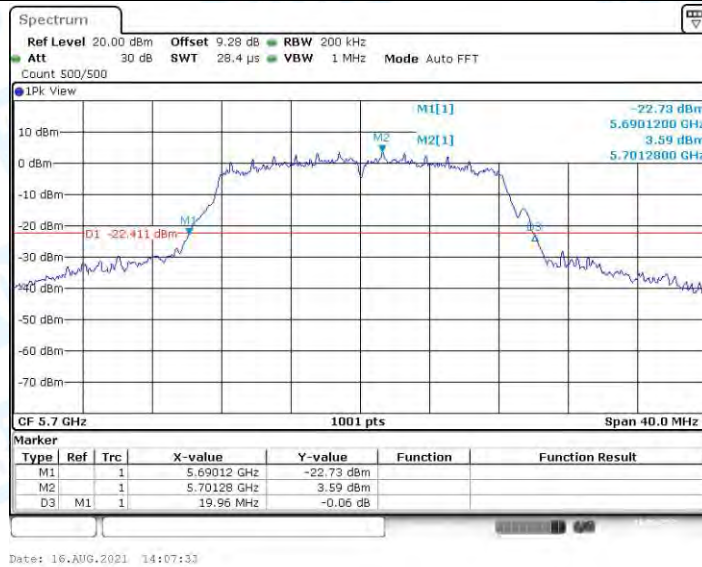
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11A-CDD_Ant1_5700



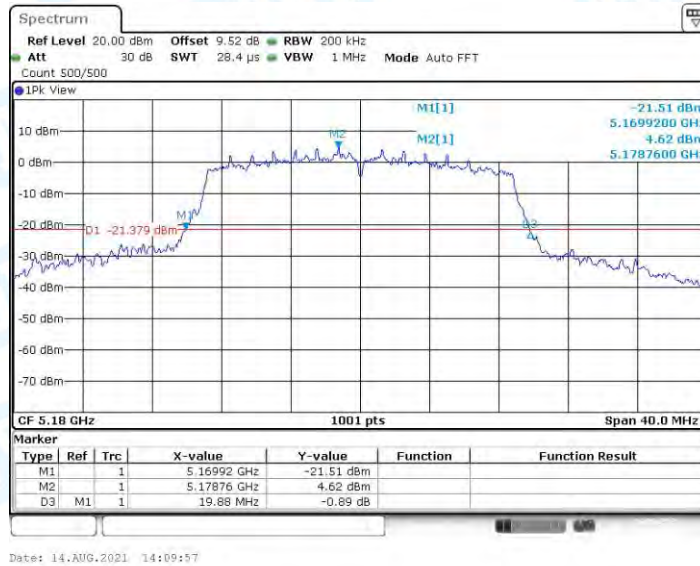
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11N20MIMO_Ant1_5180



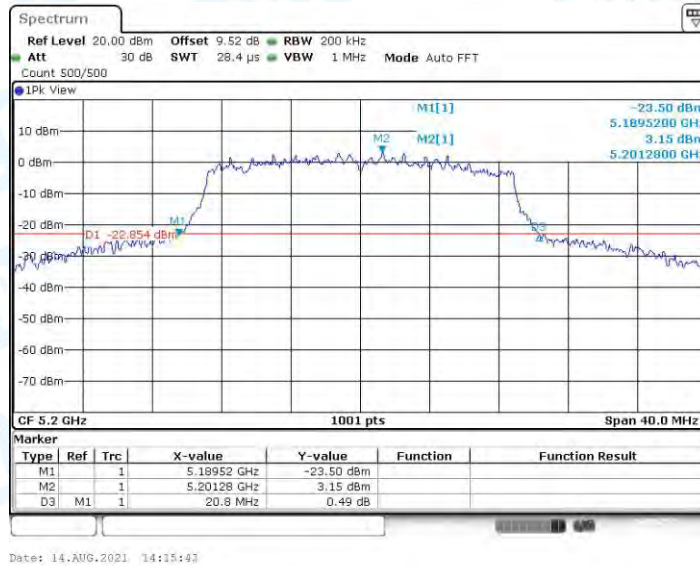
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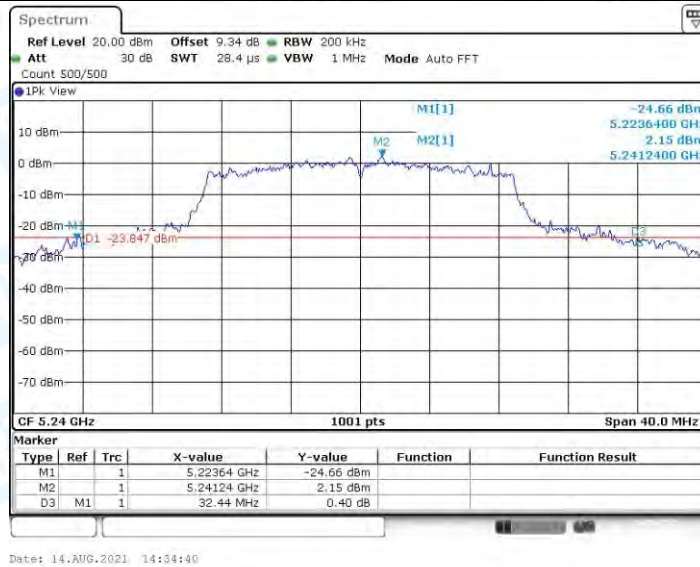
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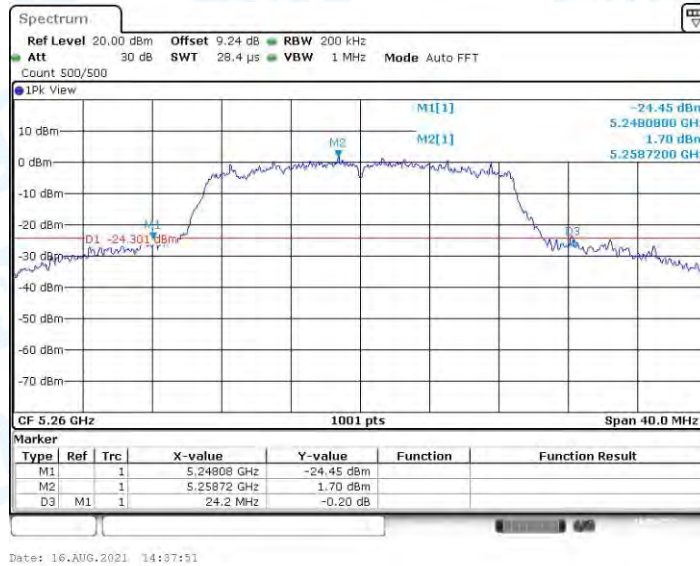
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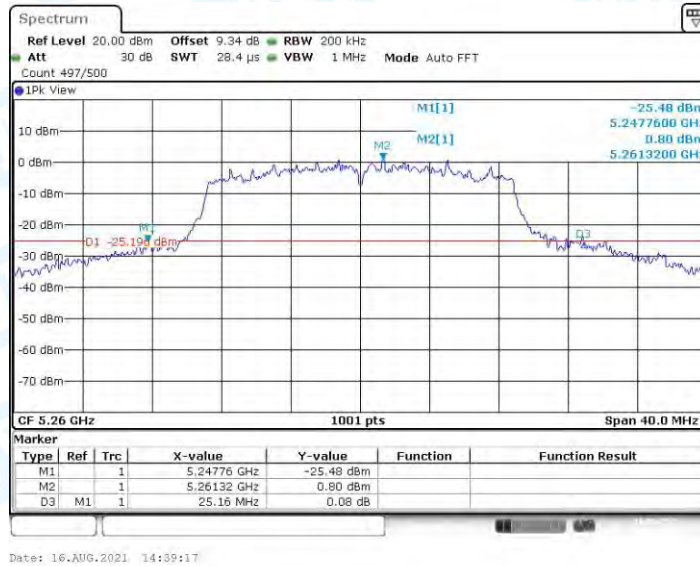
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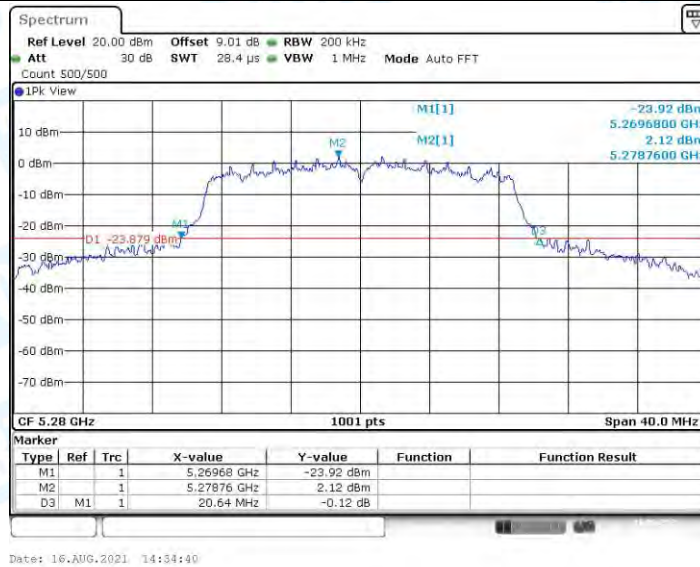
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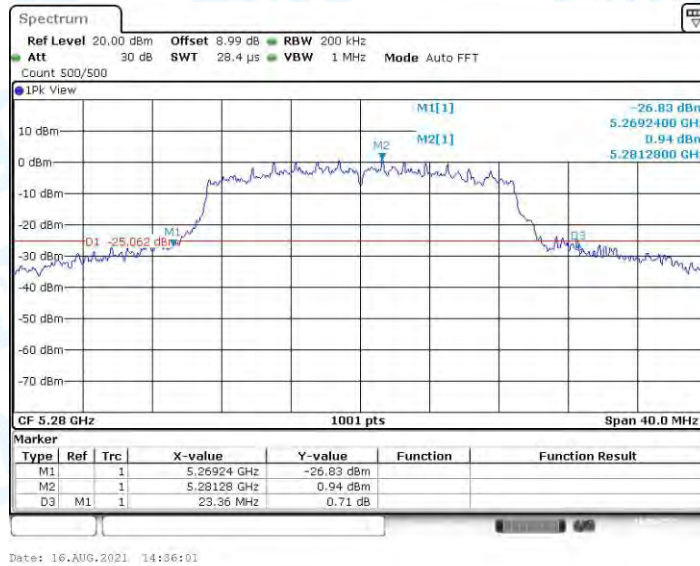
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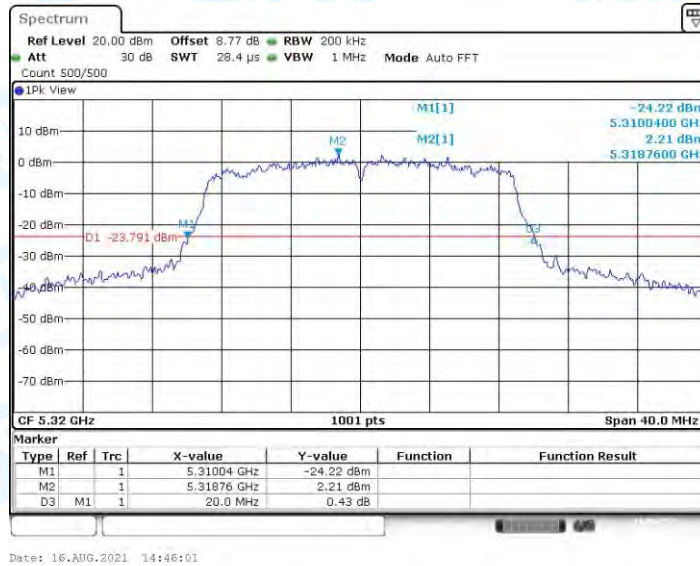
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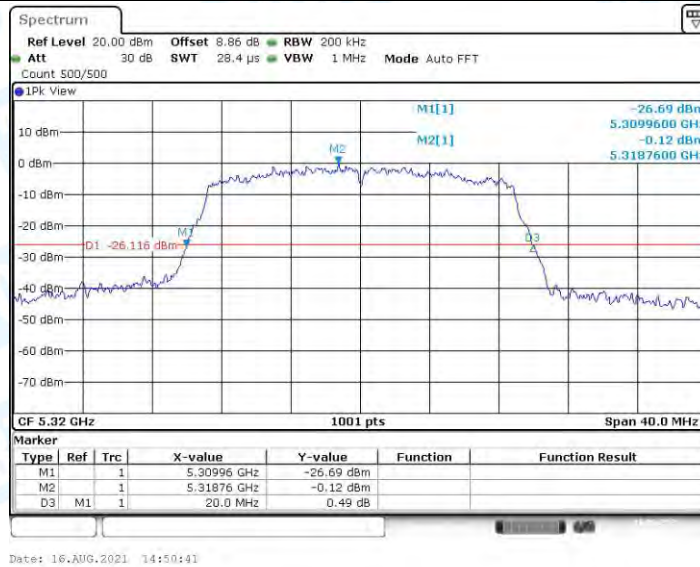
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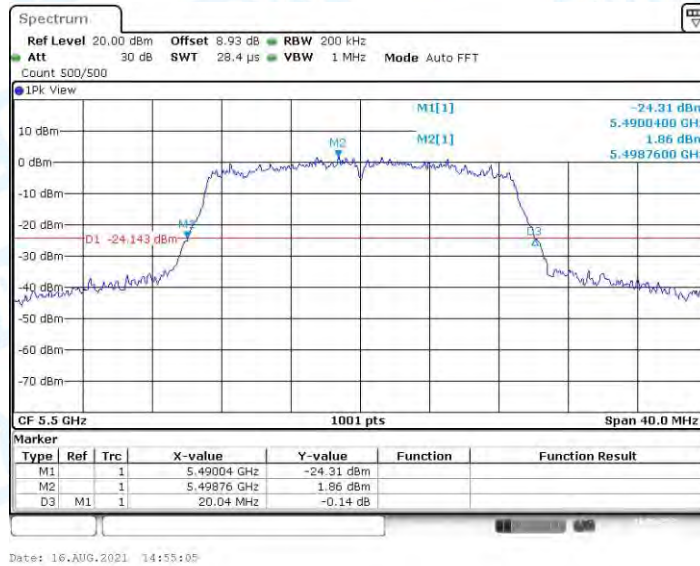
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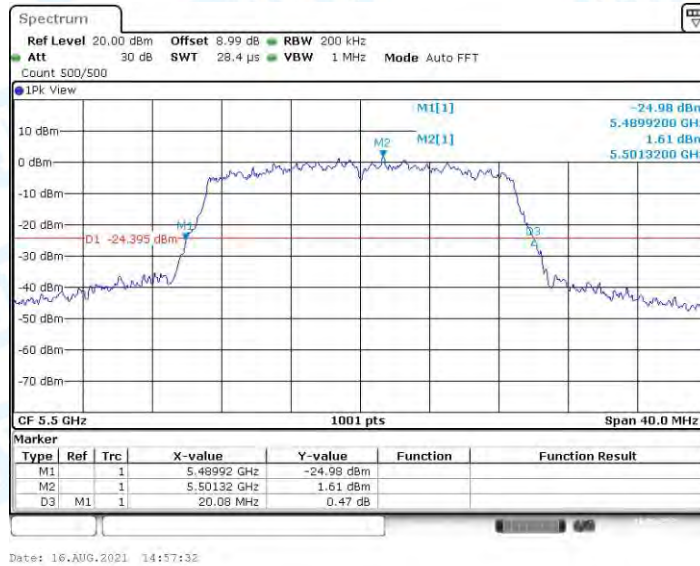
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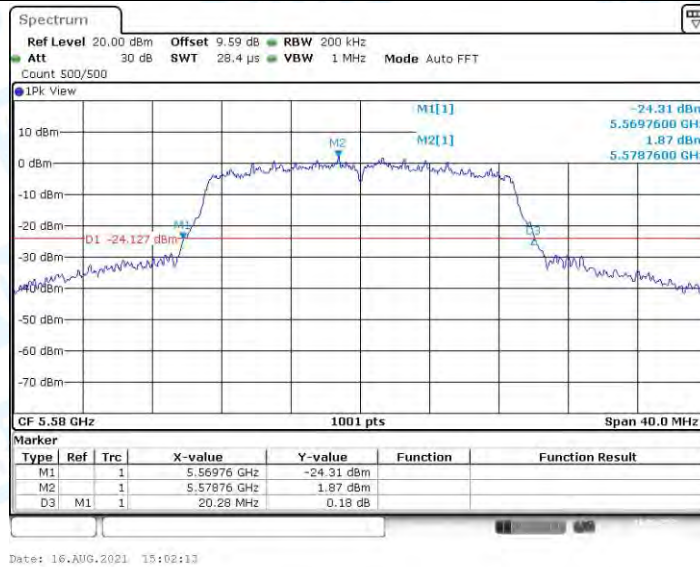
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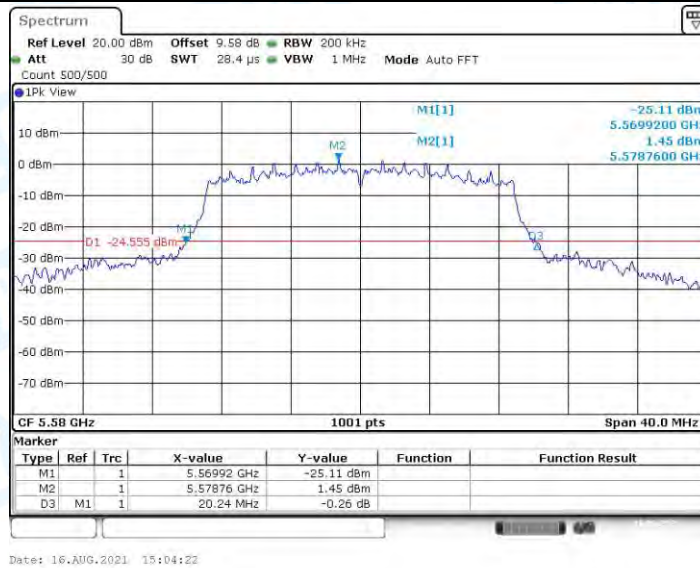
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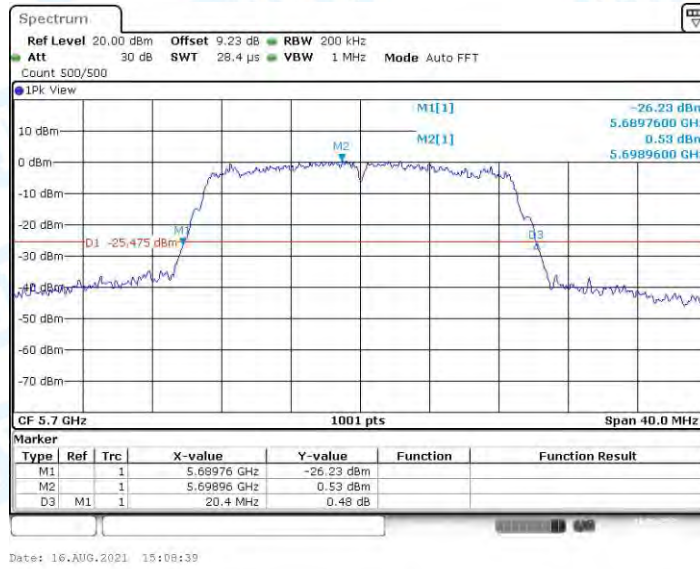
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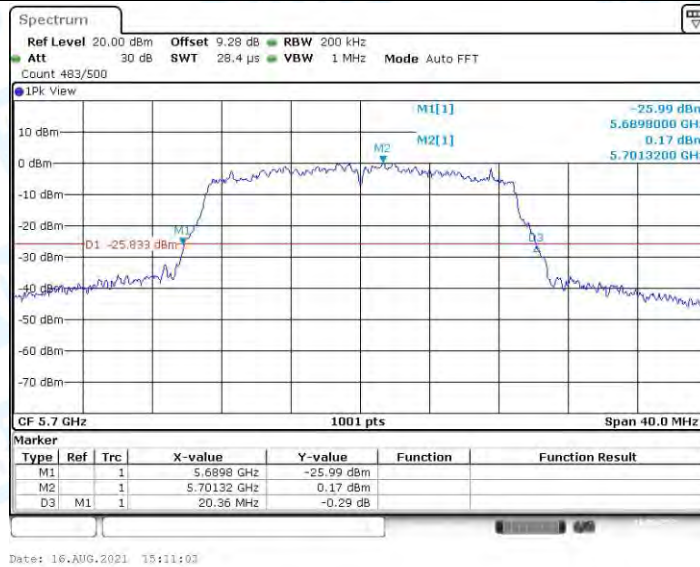
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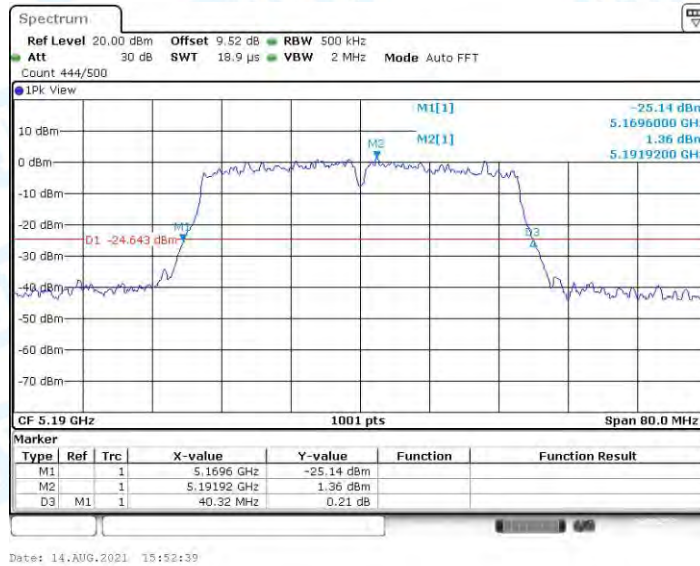
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11N40MIMO_Ant1_5190



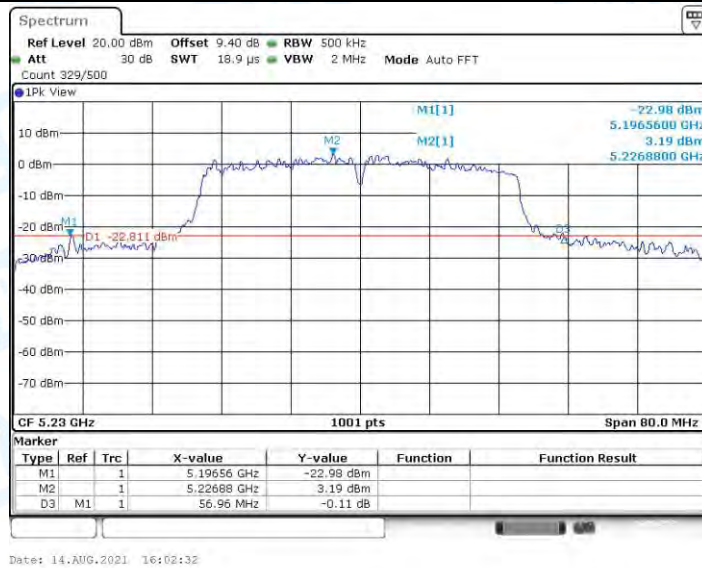
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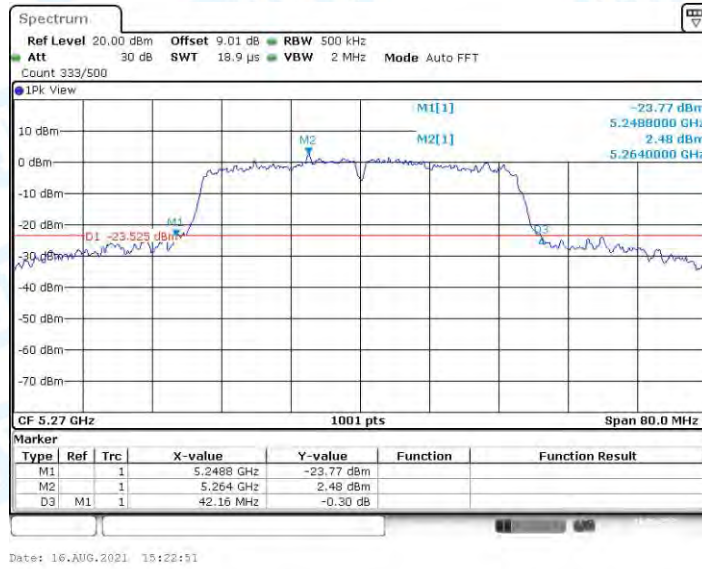
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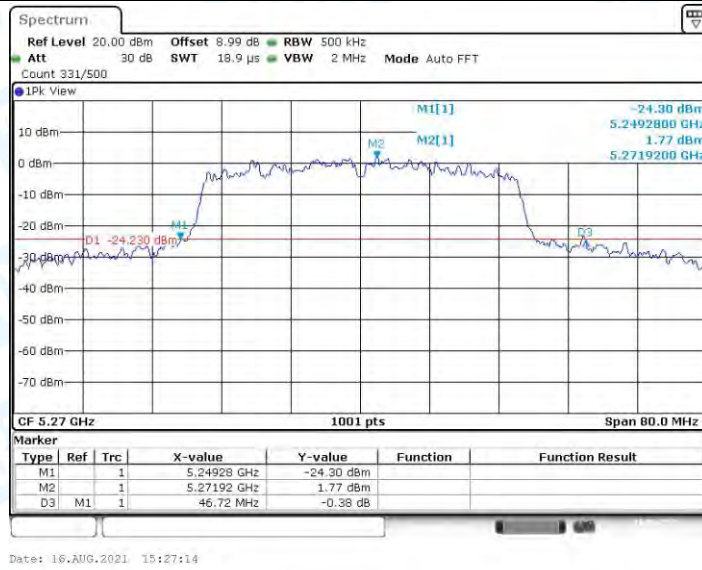
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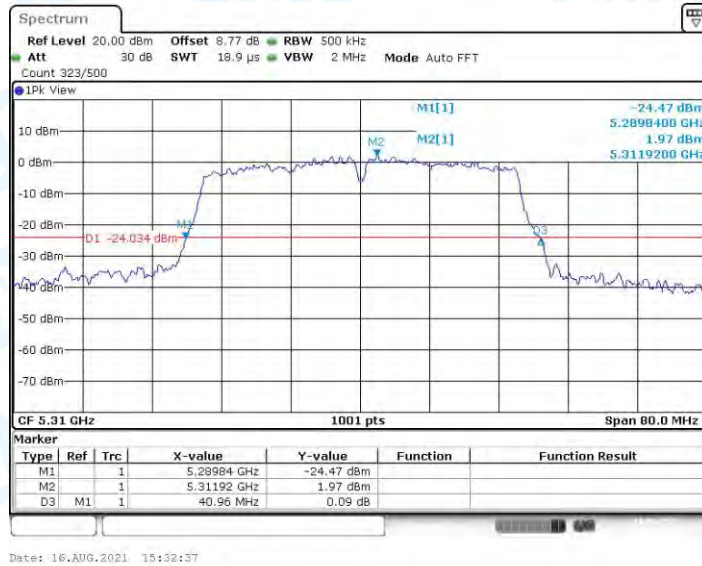
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11N40MIMO_Ant2_5270



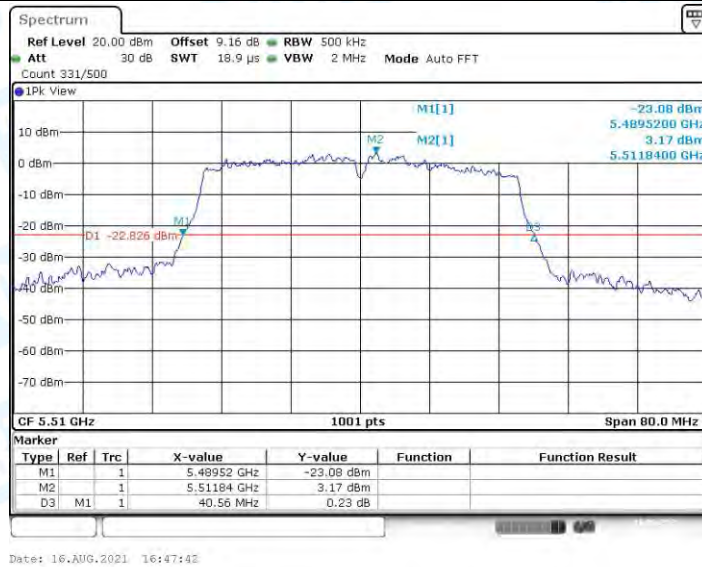
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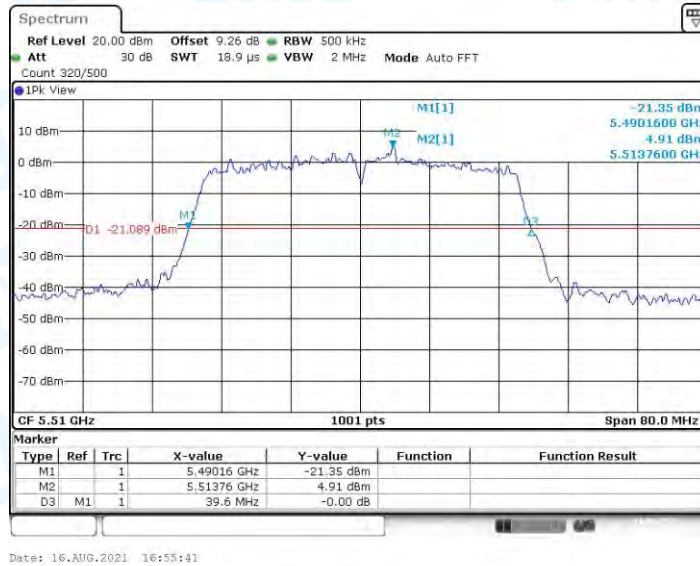
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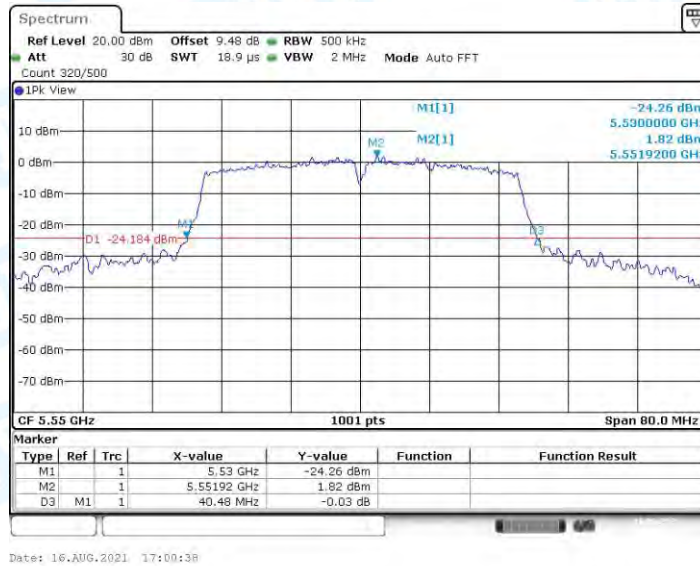
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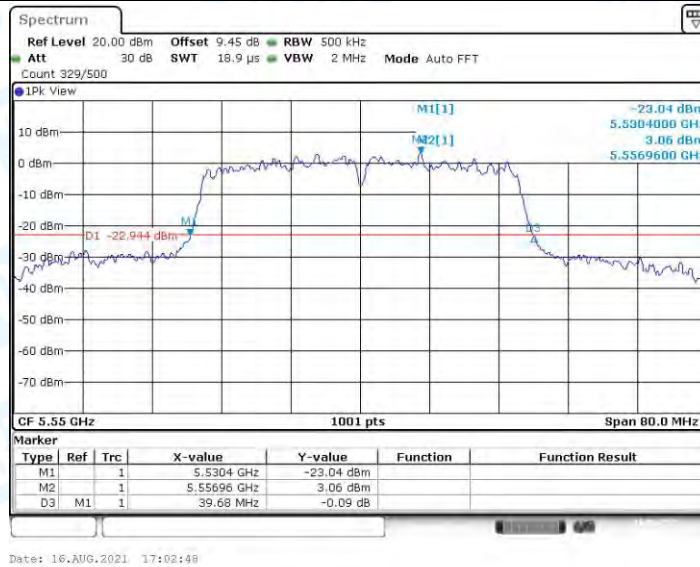
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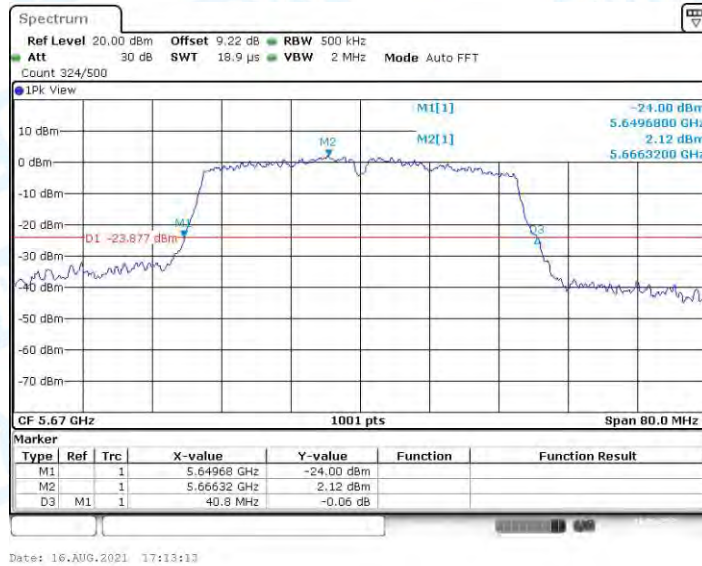
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11N40MIMO_Ant2_5550



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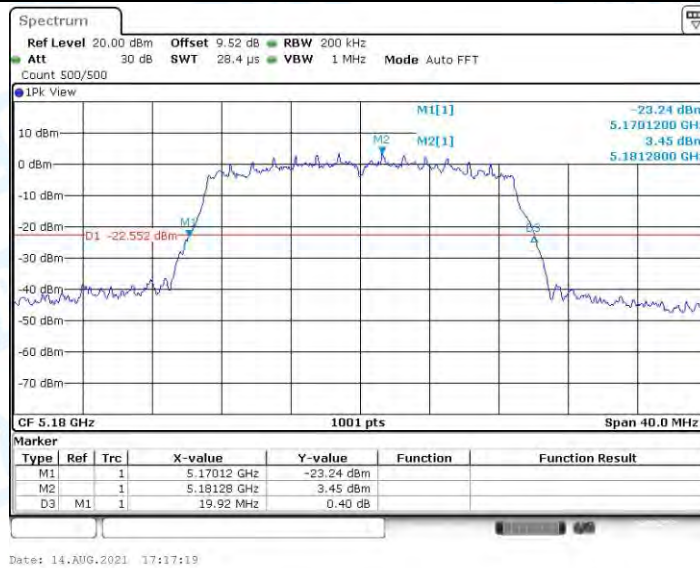
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11AC20MIMO_Ant1_5180



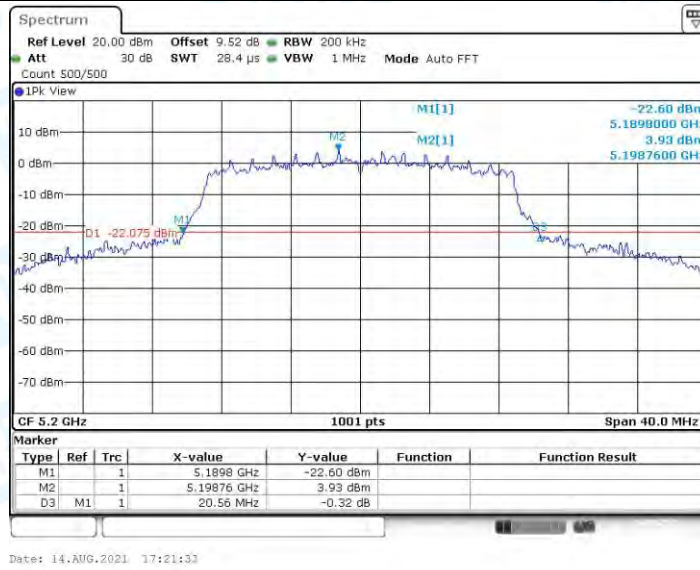
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11AC20MIMO_Ant1_5200



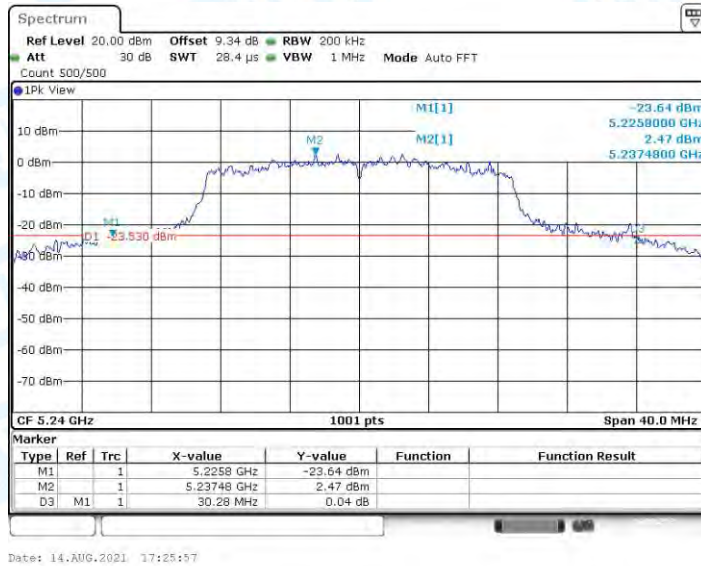
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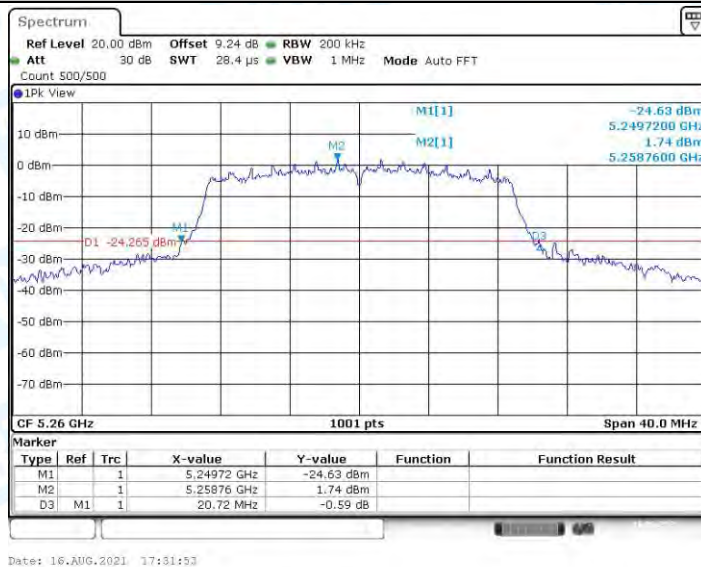
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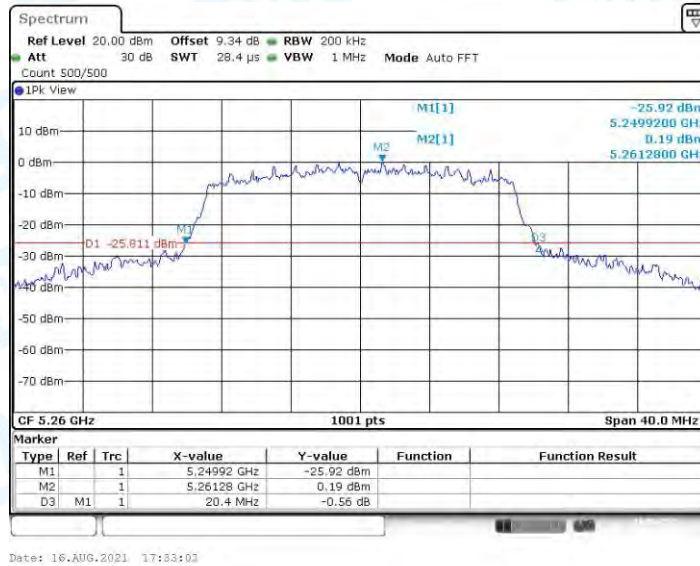
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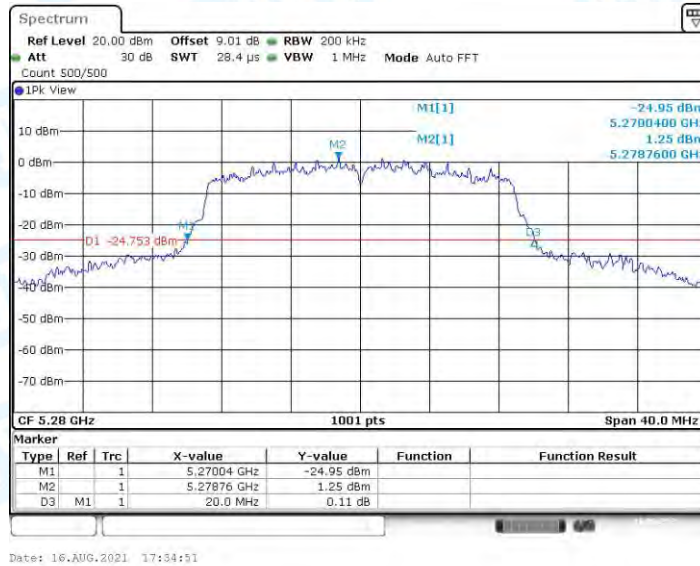
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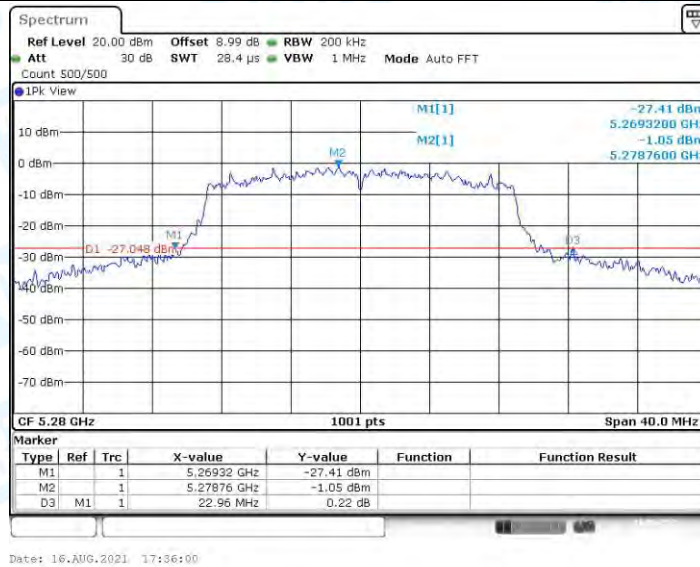
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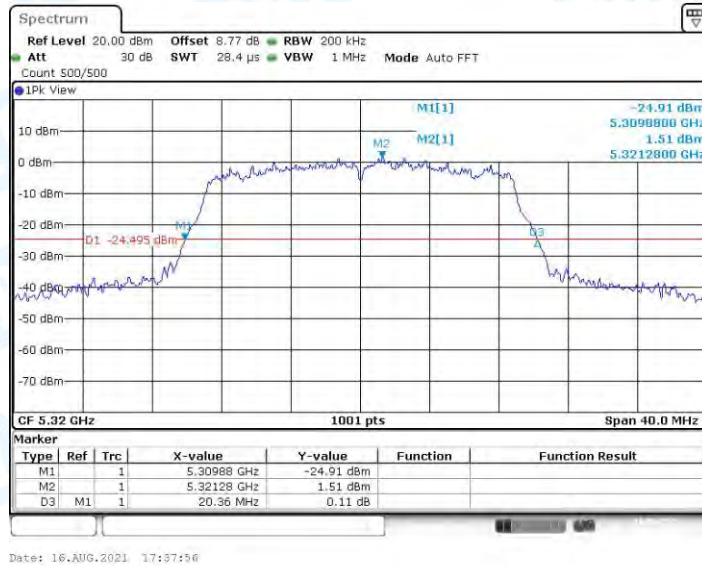
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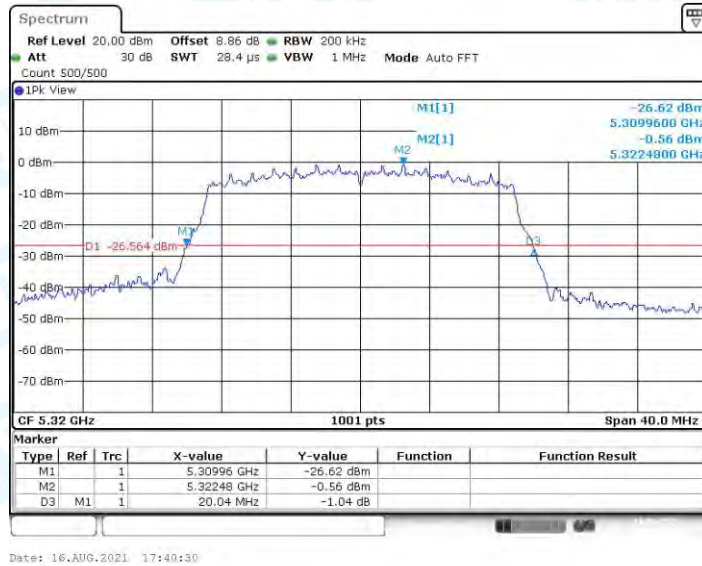
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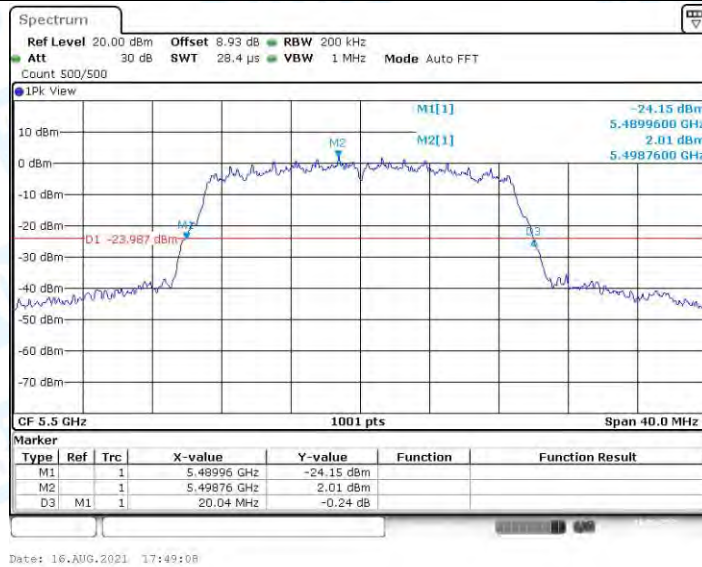
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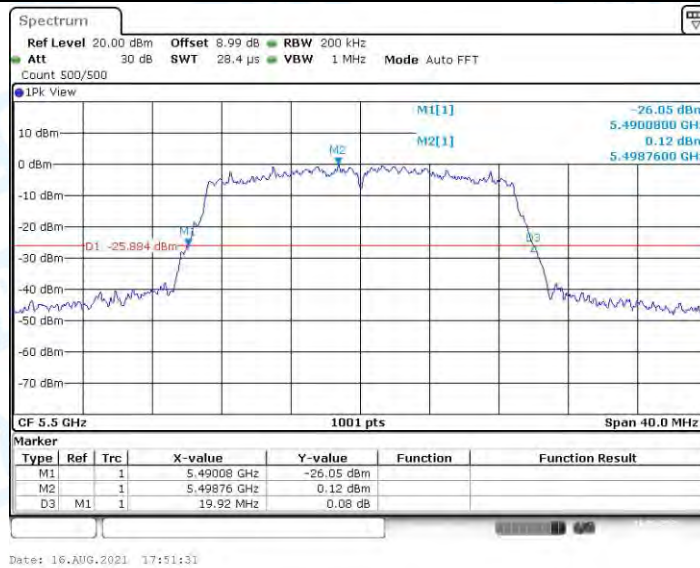
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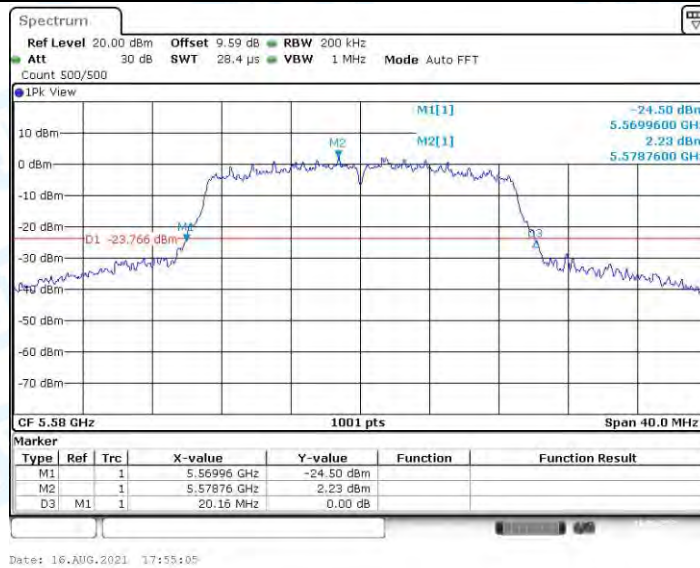
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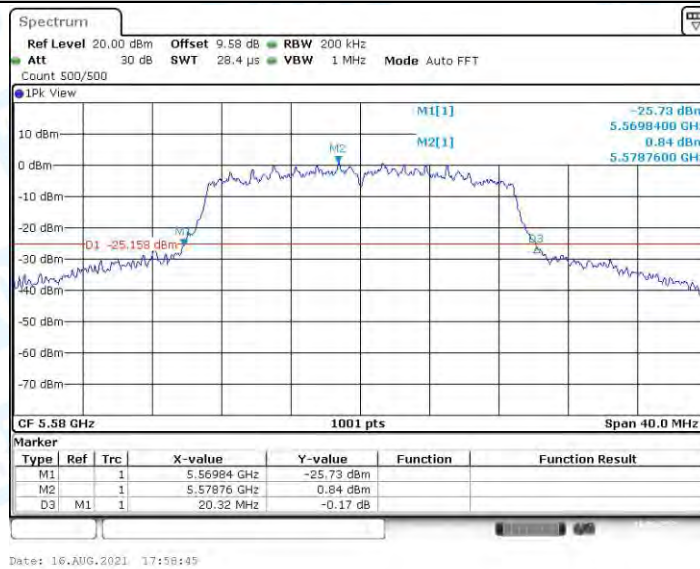
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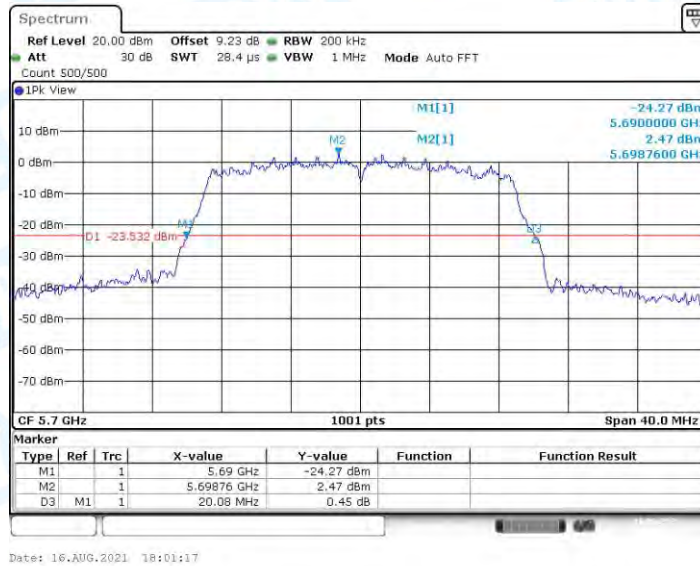
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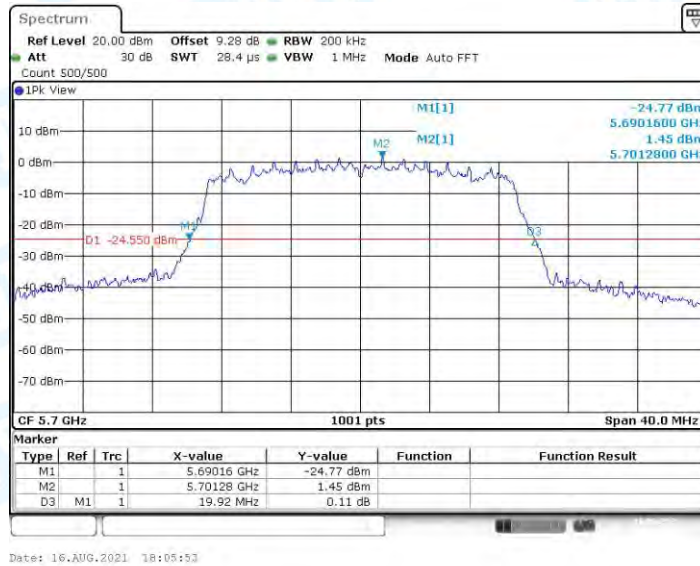
11AC20MIMO_Ant2_5580



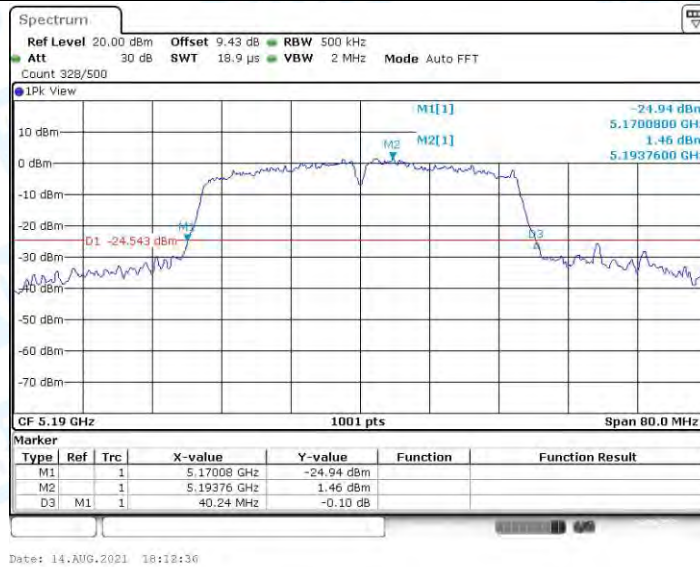
11AC20MIMO_Ant1_5700



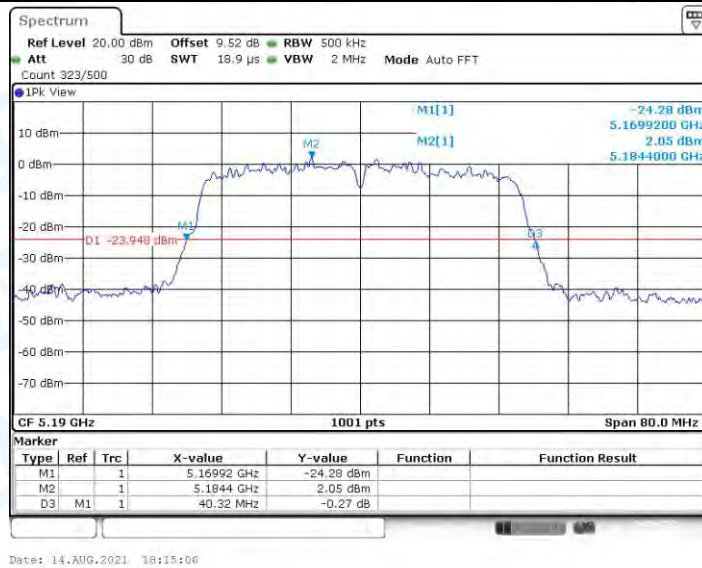
11AC20MIMO_Ant2_5700



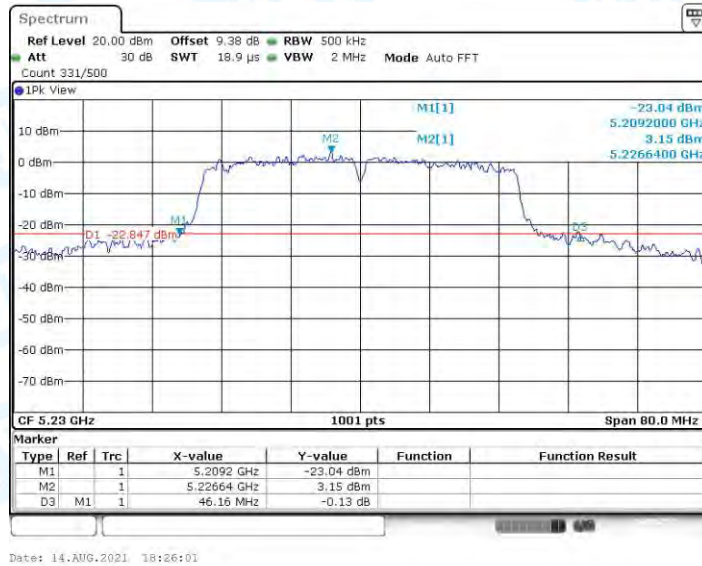
11AC40MIMO_Ant1_5190



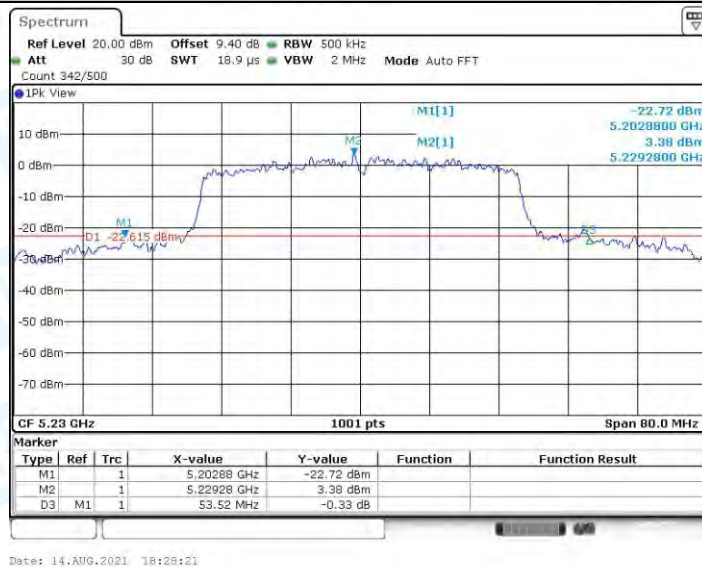
11AC40MIMO_Ant2_5190



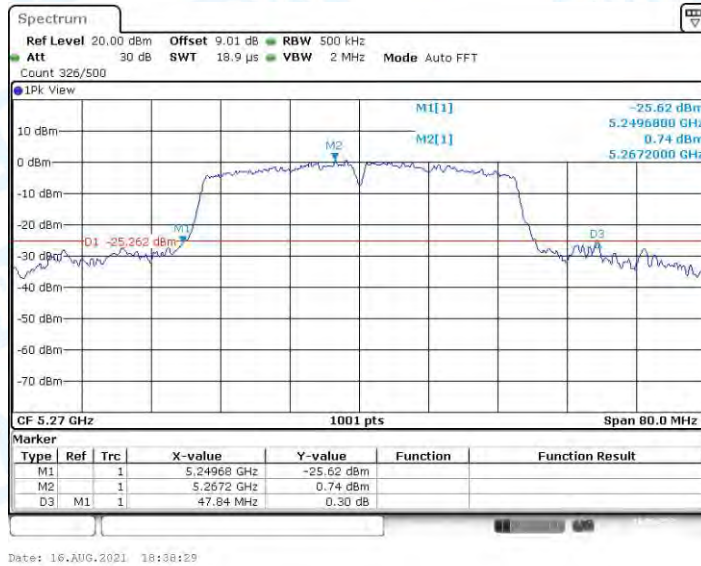
11AC40MIMO_Ant1_5230



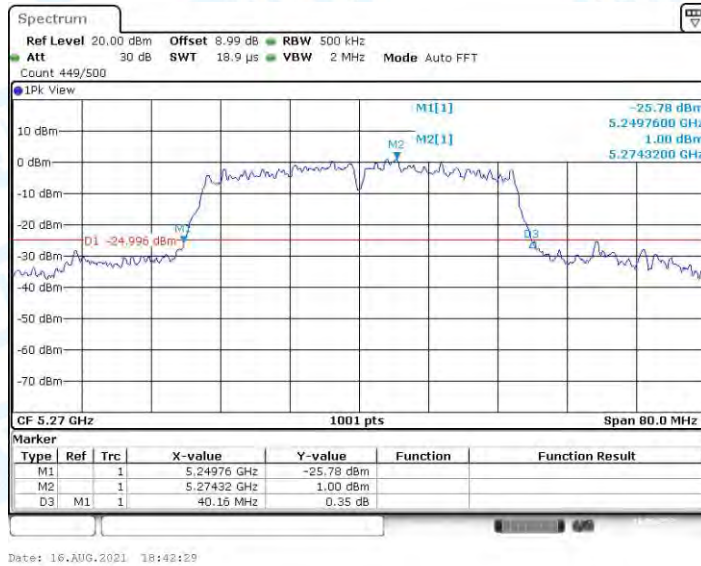
11AC40MIMO_Ant2_5230



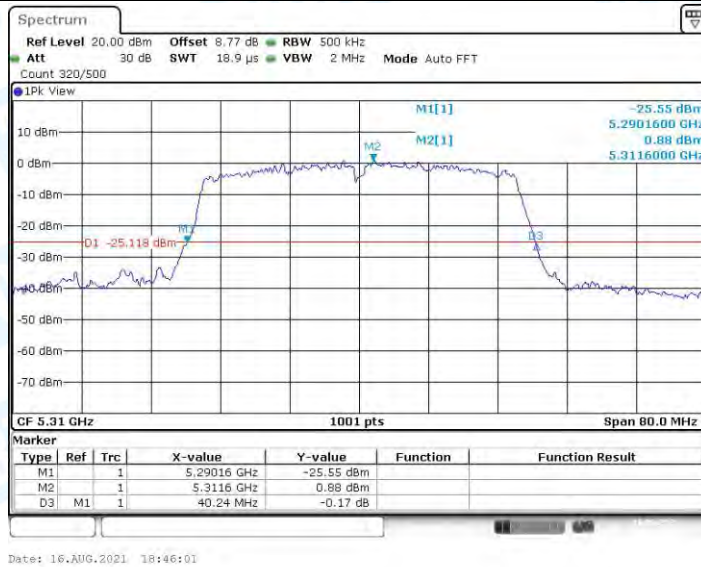
11AC40MIMO_Ant1_5270



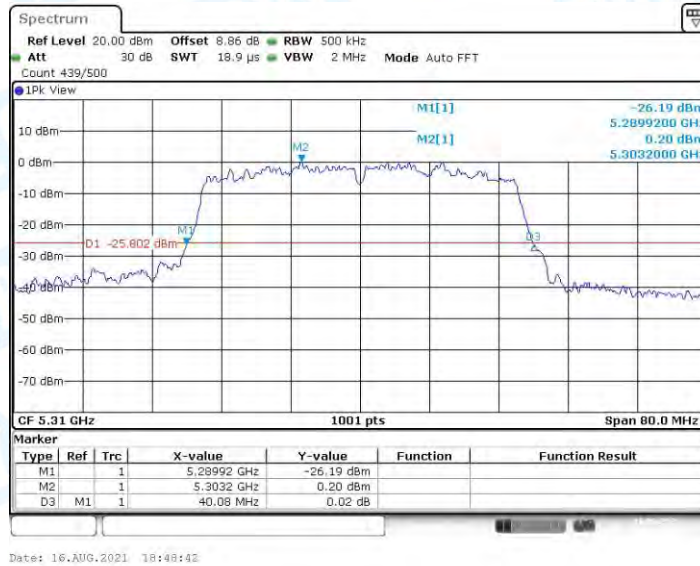
11AC40MIMO_Ant2_5270



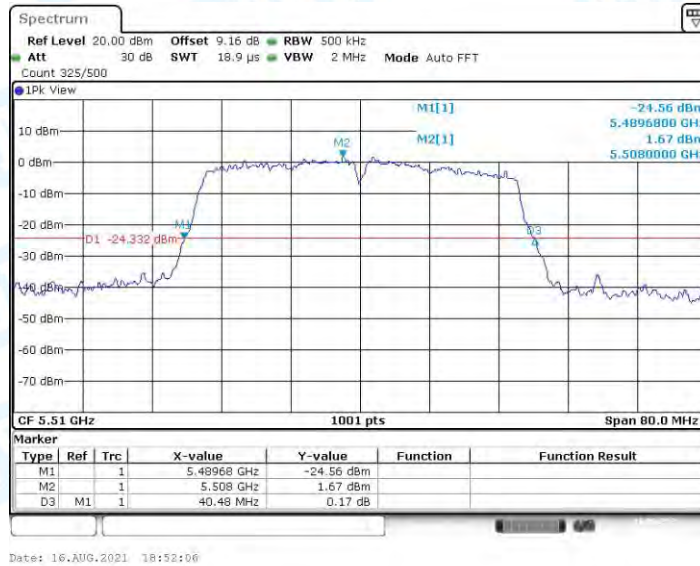
11AC40MIMO_Ant1_5310



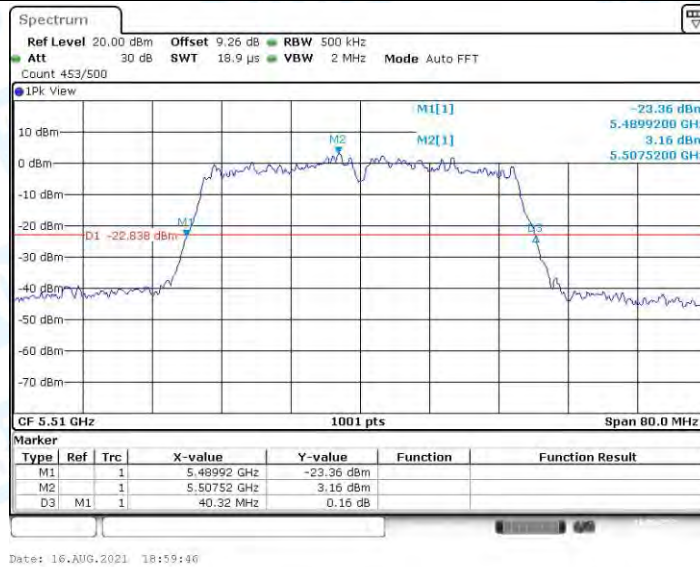
11AC40MIMO_Ant2_5310



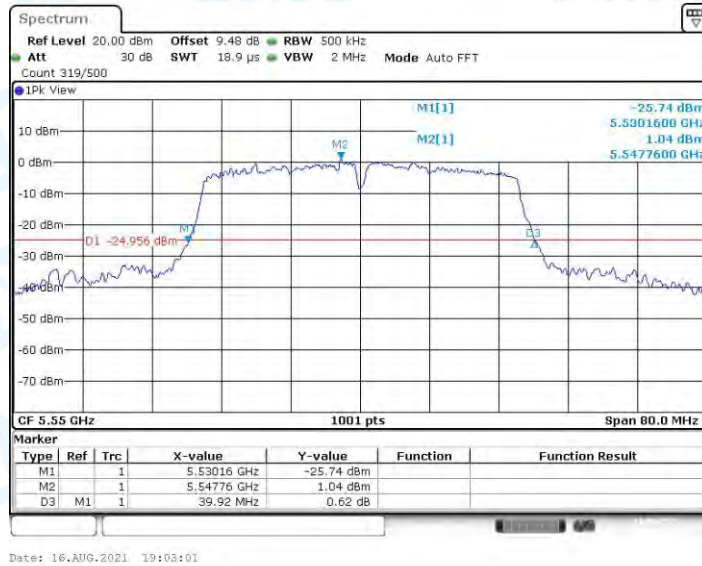
11AC40MIMO_Ant1_5510



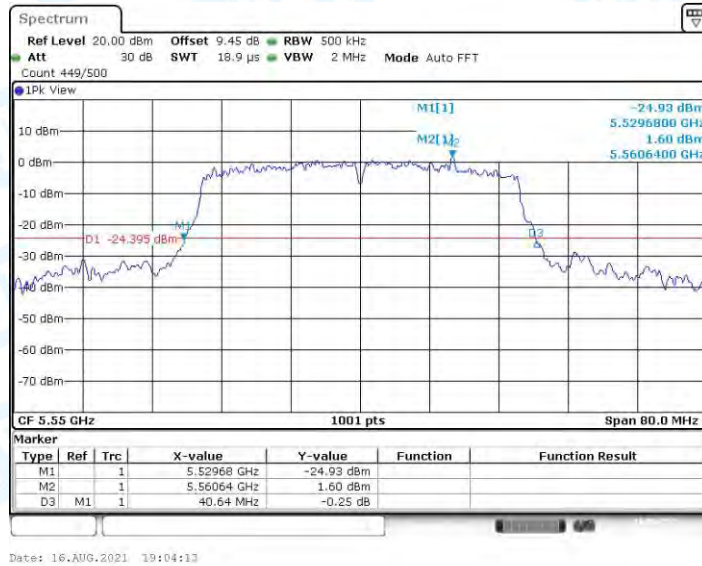
11AC40MIMO_Ant2_5510



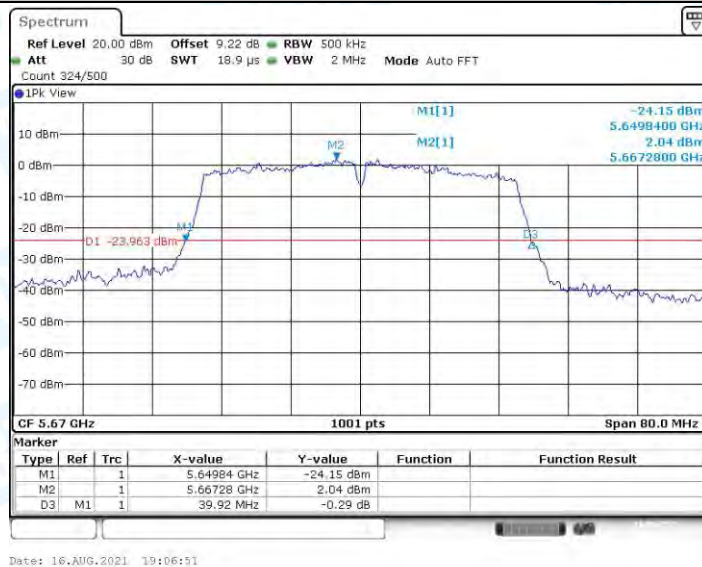
11AC40MIMO_Ant1_5550



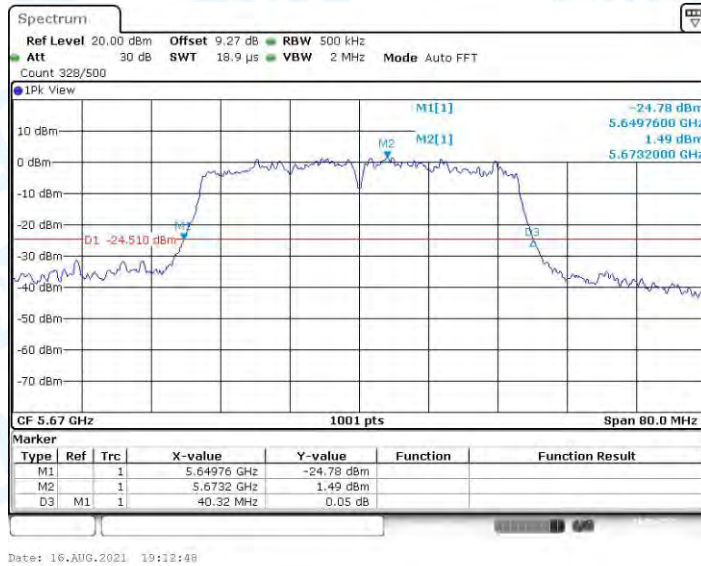
11AC40MIMO_Ant2_5550



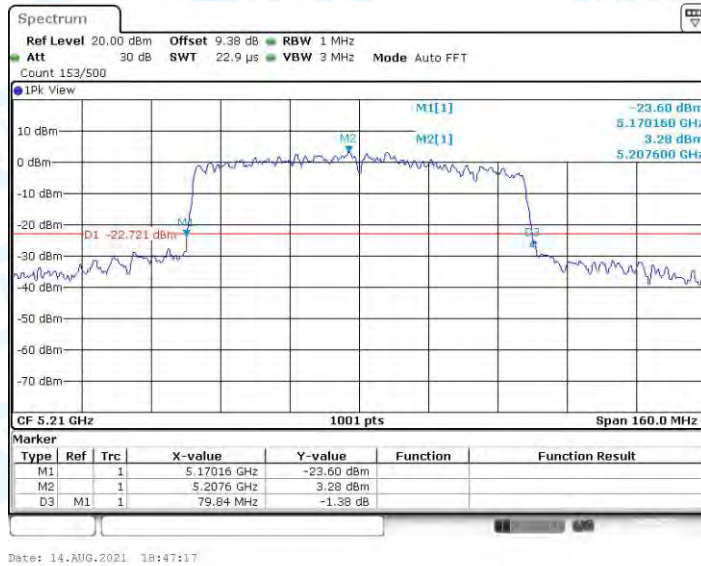
11AC40MIMO_Ant1_5670



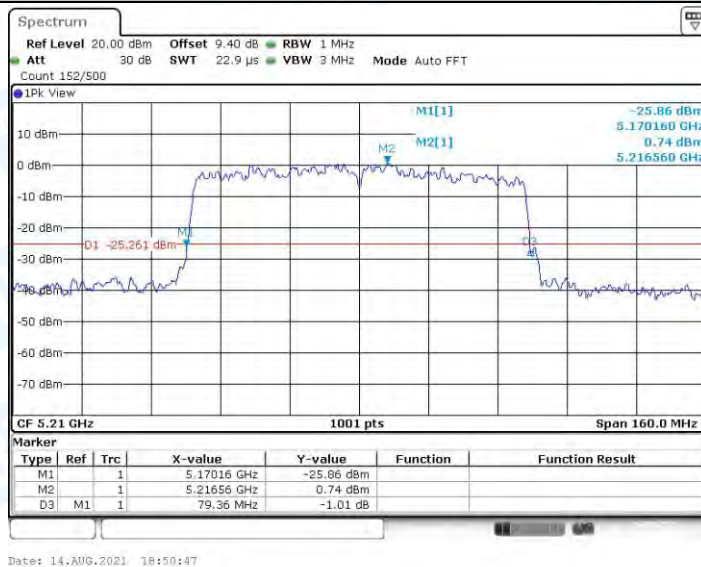
11AC40MIMO_Ant2_5670



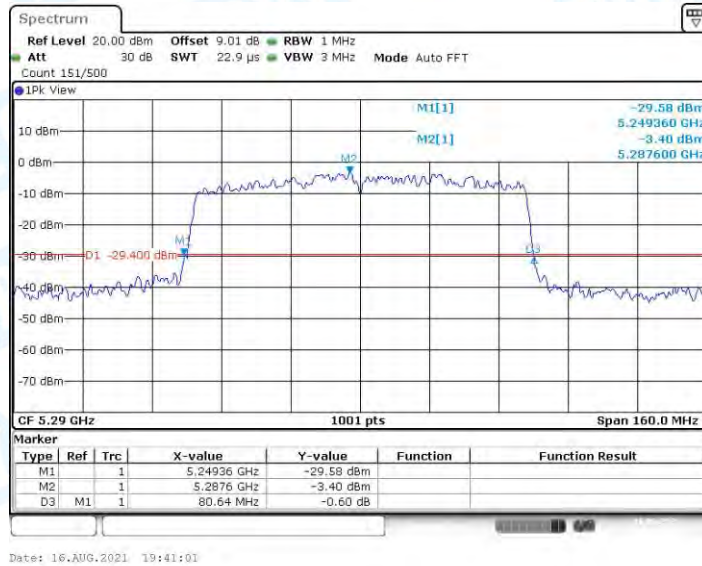
11AC80MIMO_Ant1_5210



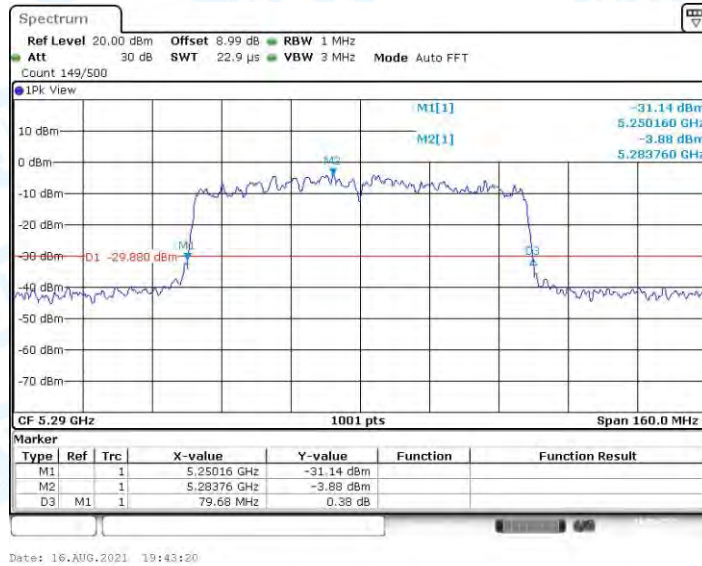
11AC80MIMO_Ant2_5210



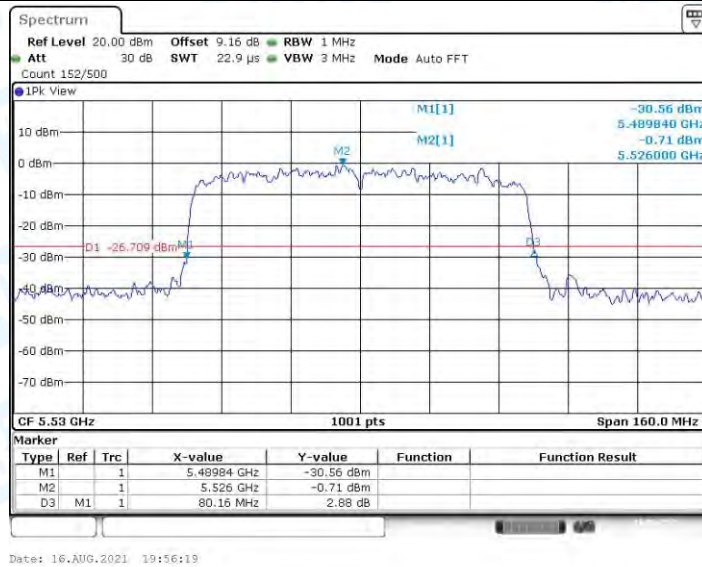
11AC80MIMO_Ant1_5290



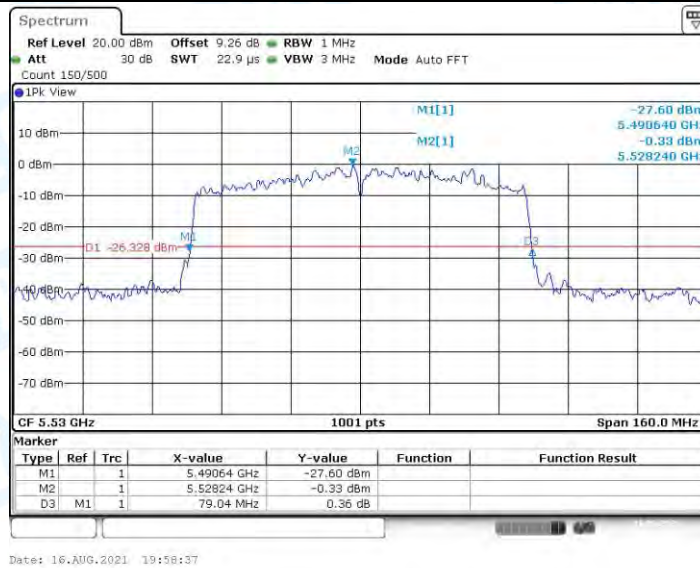
11AC80MIMO_Ant2_5290



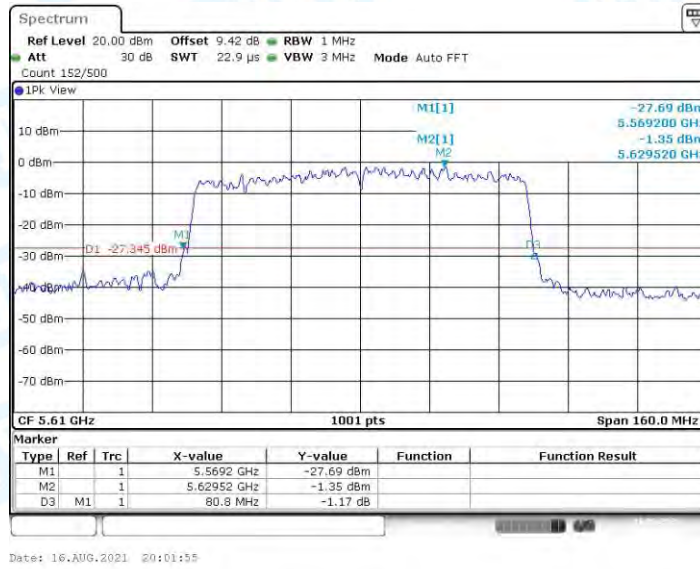
11AC80MIMO_Ant1_5530



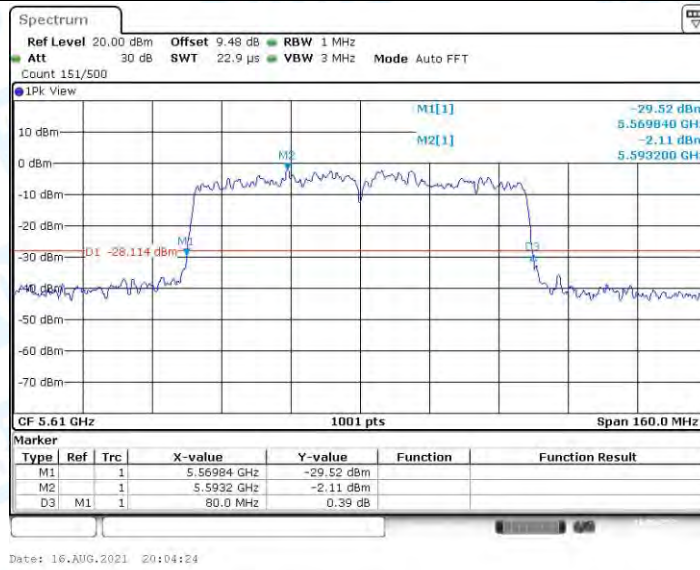
11AC80MIMO_Ant2_5530



11AC80MIMO_Ant1_5610



11AC80MIMO_Ant2_5610

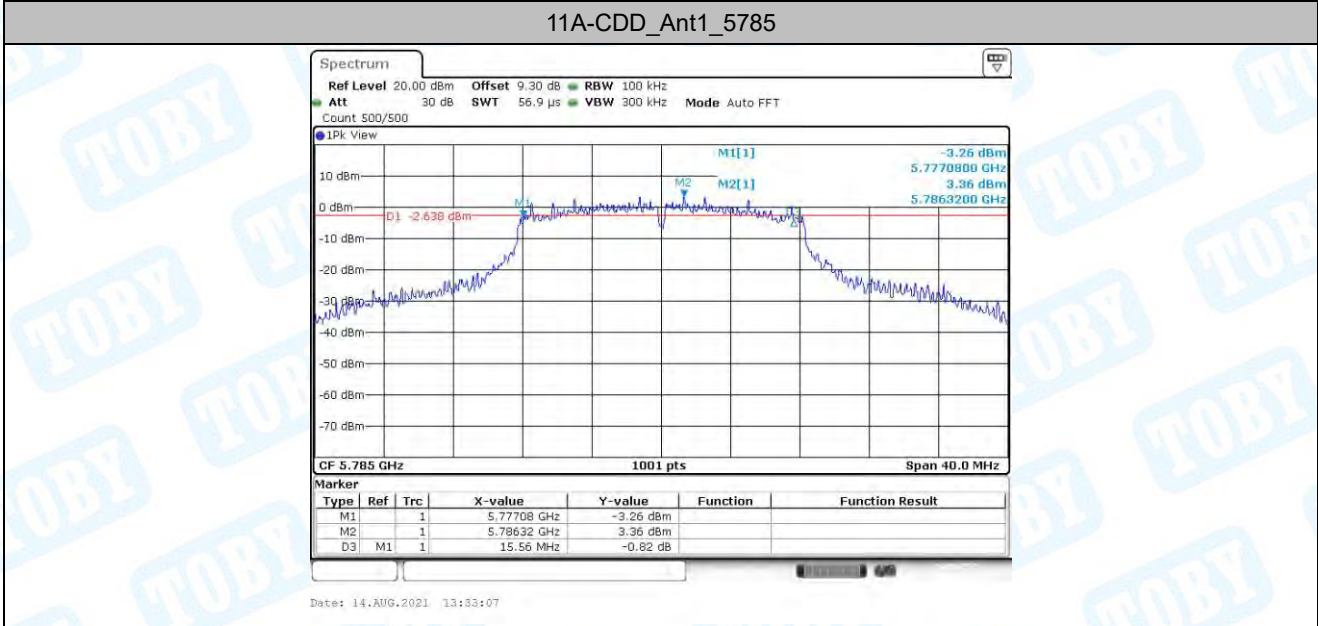
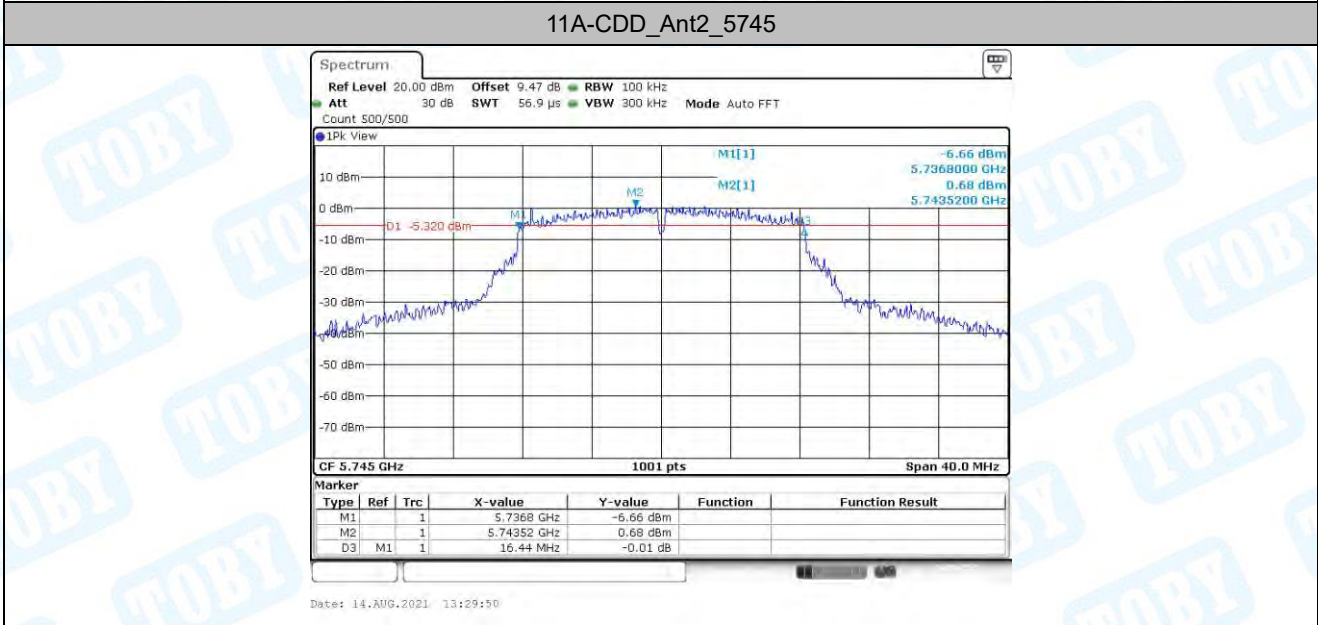
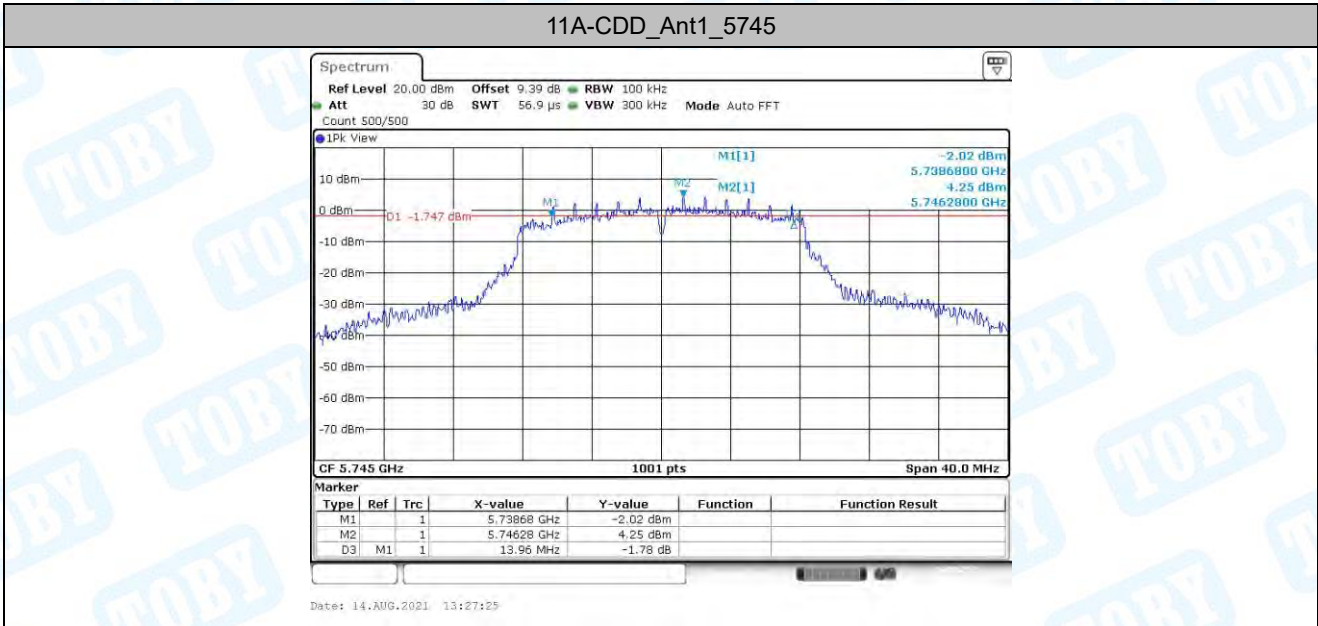


2. Min emission bandwidth

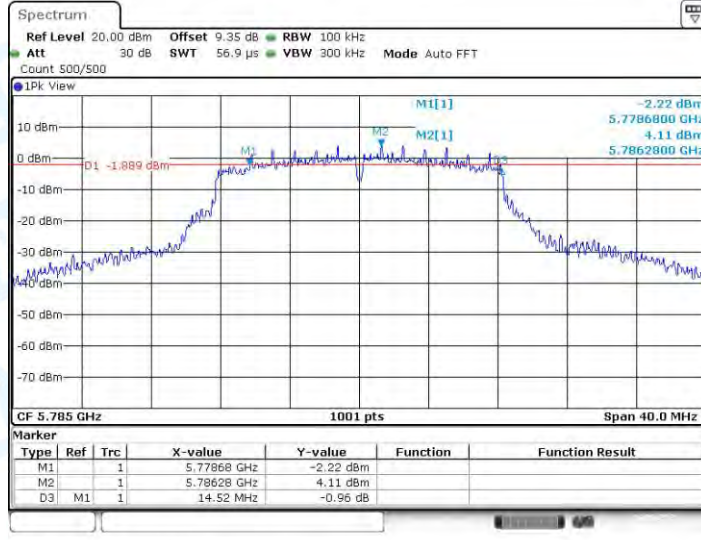
2.1. Test Result

TestMode	Antenna	Channel	6db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A-CDD	Ant1	5745	13.960	5738.680	5752.640	0.5	PASS
	Ant2	5745	16.440	5736.800	5753.240	0.5	PASS
	Ant1	5785	15.560	5777.080	5792.640	0.5	PASS
	Ant2	5785	14.520	5778.680	5793.200	0.5	PASS
	Ant1	5825	15.240	5817.400	5832.640	0.5	PASS
	Ant2	5825	15.080	5817.520	5832.600	0.5	PASS
11N20MIMO	Ant1	5745	15.120	5737.480	5752.600	0.5	PASS
	Ant2	5745	16.360	5736.840	5753.200	0.5	PASS
	Ant1	5785	15.200	5777.400	5792.600	0.5	PASS
	Ant2	5785	16.760	5777.080	5793.840	0.5	PASS
	Ant1	5825	15.160	5817.440	5832.600	0.5	PASS
	Ant2	5825	17.600	5816.200	5833.800	0.5	PASS
11N40MIMO	Ant1	5755	35.280	5737.400	5772.680	0.5	PASS
	Ant2	5755	36.080	5737.160	5773.240	0.5	PASS
	Ant1	5795	35.200	5777.400	5812.600	0.5	PASS
	Ant2	5795	35.280	5777.400	5812.680	0.5	PASS
11AC20MIMO	Ant1	5745	15.160	5737.440	5752.600	0.5	PASS
	Ant2	5745	15.800	5737.400	5753.200	0.5	PASS
	Ant1	5785	13.960	5778.640	5792.600	0.5	PASS
	Ant2	5785	15.760	5777.440	5793.200	0.5	PASS
	Ant1	5825	17.360	5816.440	5833.800	0.5	PASS
	Ant2	5825	15.760	5816.840	5832.600	0.5	PASS
11AC40MIMO	Ant1	5755	35.200	5737.400	5772.600	0.5	PASS
	Ant2	5755	35.280	5737.320	5772.600	0.5	PASS
	Ant1	5795	35.200	5777.400	5812.600	0.5	PASS
	Ant2	5795	35.280	5777.400	5812.680	0.5	PASS
11AC80MIMO	Ant1	5775	69.280	5737.240	5806.520	0.5	PASS
	Ant2	5775	75.520	5737.240	5812.760	0.5	PASS

2.2. Test Graphs

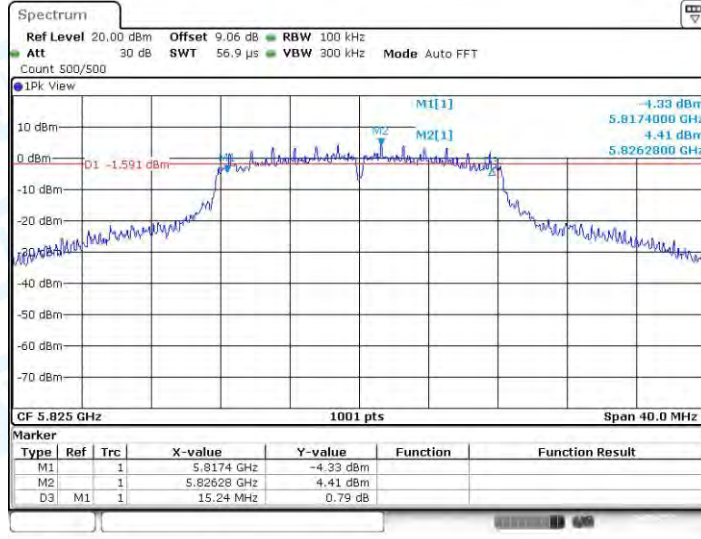


11A-CDD_Ant2_5785



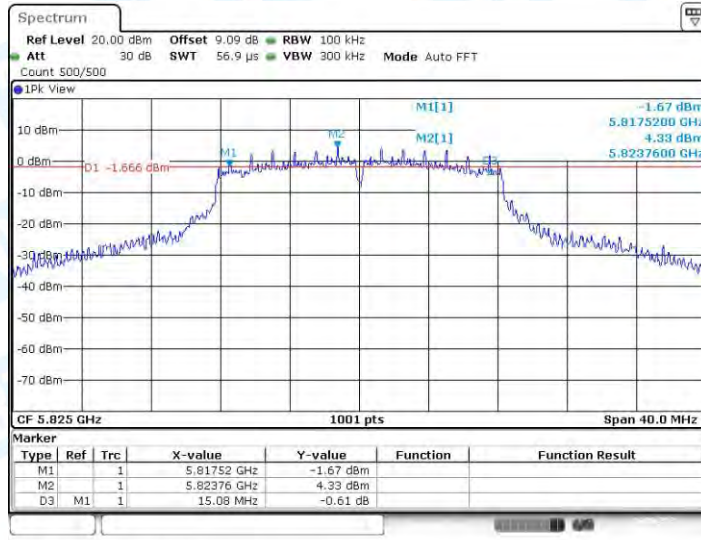
Date: 14.AUG.2021 13:54:27

11A-CDD_Ant1_5825



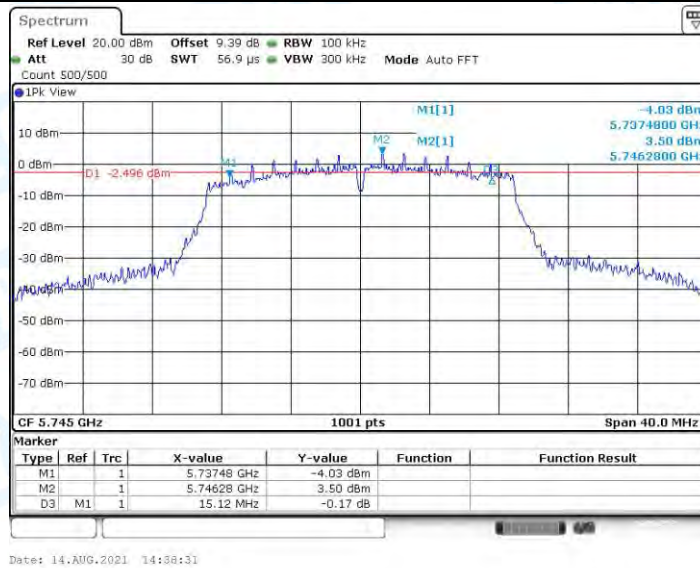
Date: 14.AUG.2021 13:57:40

11A-CDD_Ant2_5825

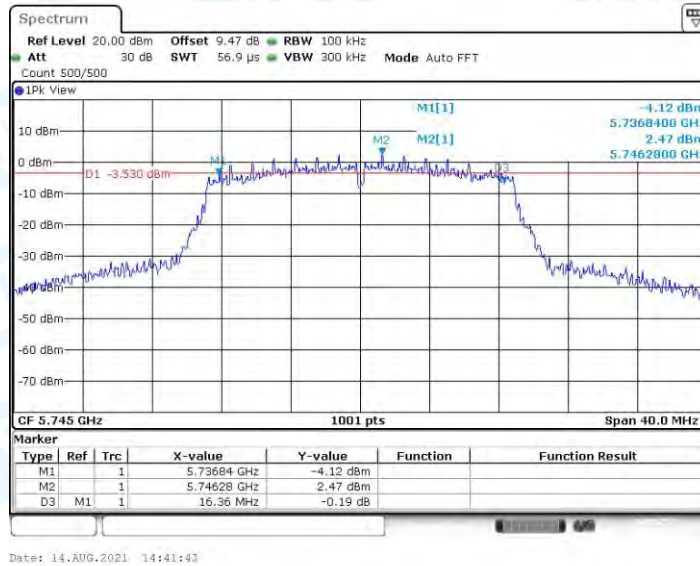


Date: 14.AUG.2021 13:43:25

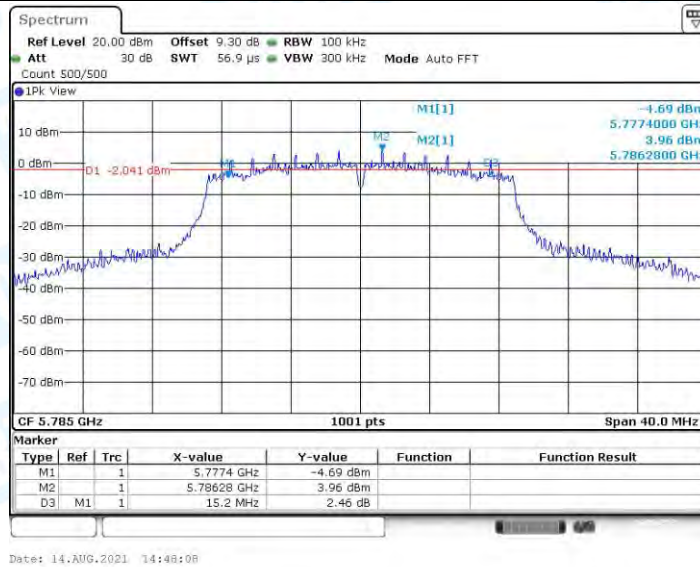
11N20MIMO_Ant1_5745



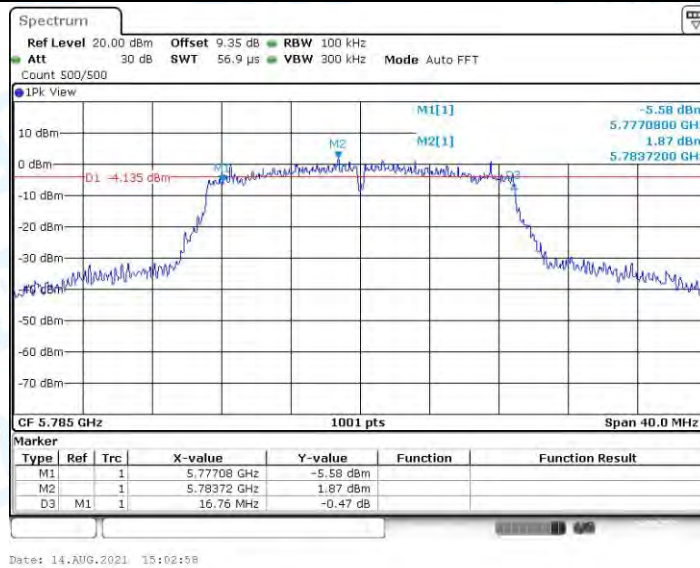
11N20MIMO_Ant2_5745



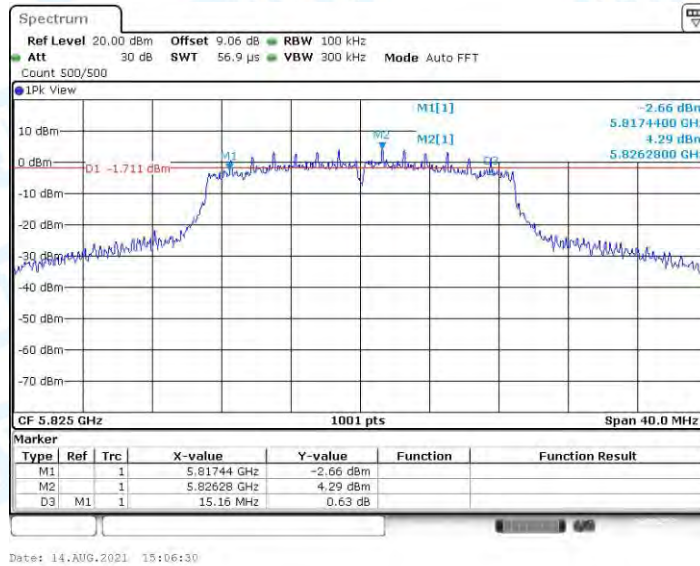
11N20MIMO_Ant1_5785



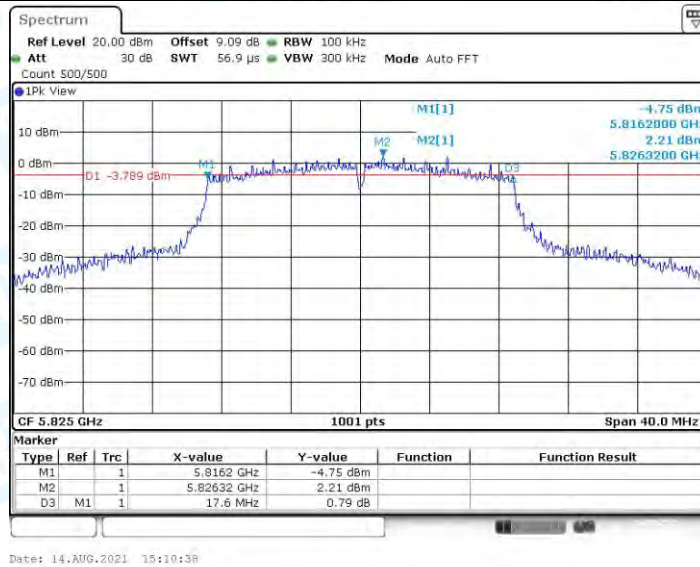
11N20MIMO_Ant2_5785



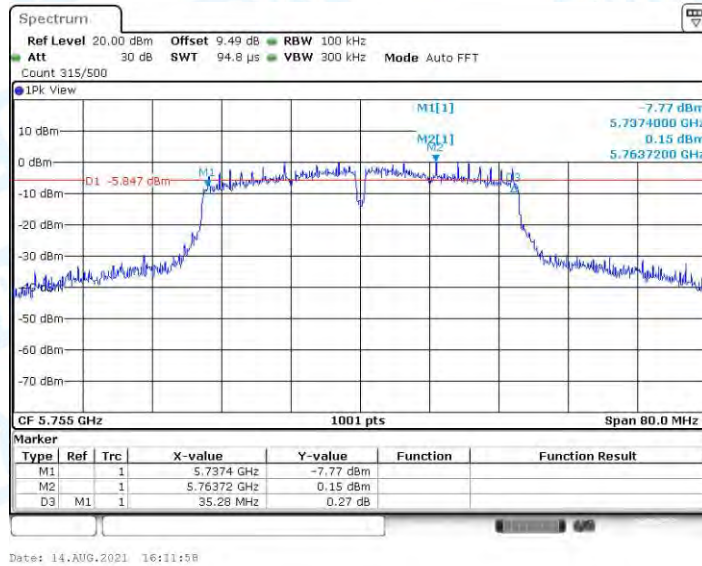
11N20MIMO_Ant1_5825



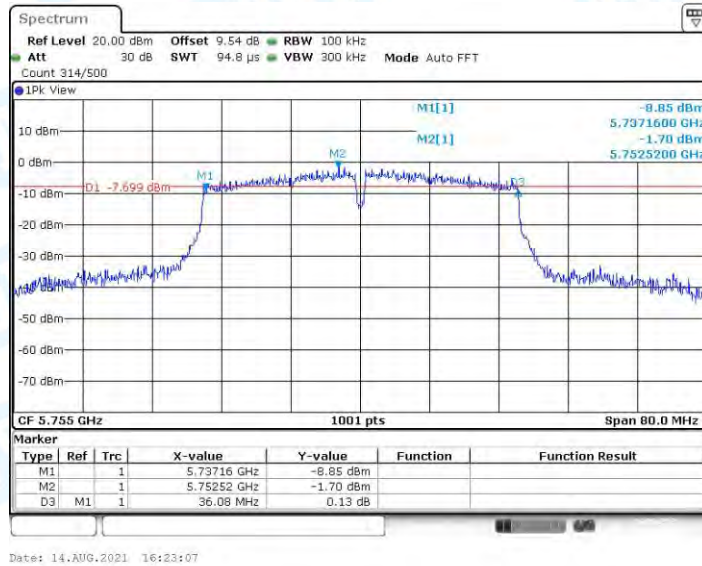
11N20MIMO_Ant2_5825



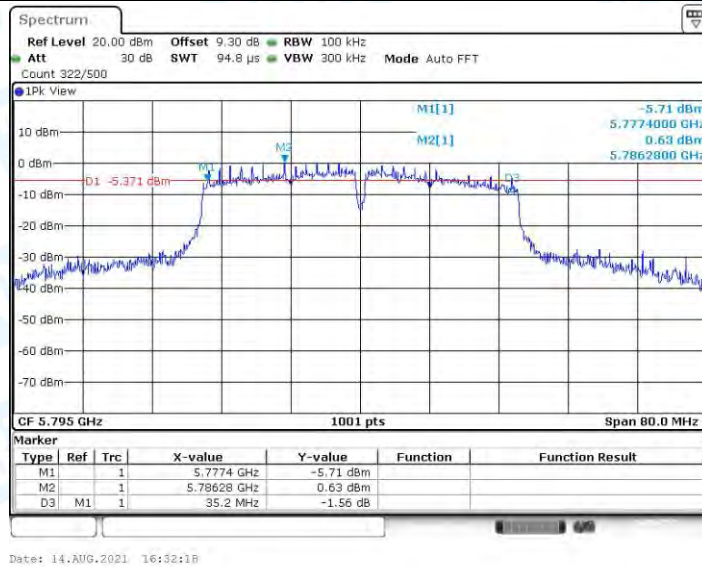
11N40MIMO_Ant1_5755



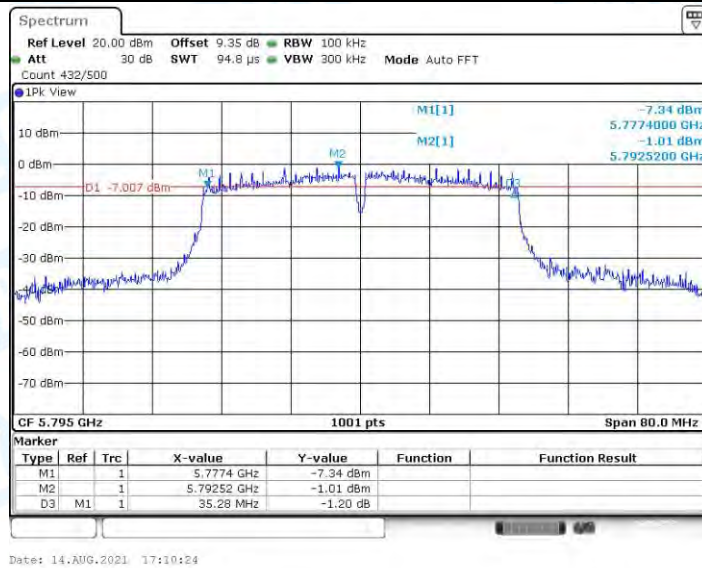
11N40MIMO_Ant2_5755



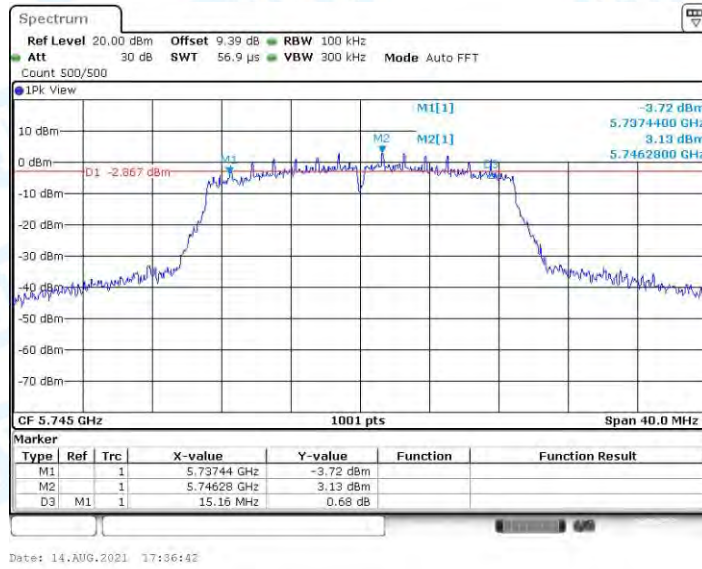
11N40MIMO_Ant1_5795



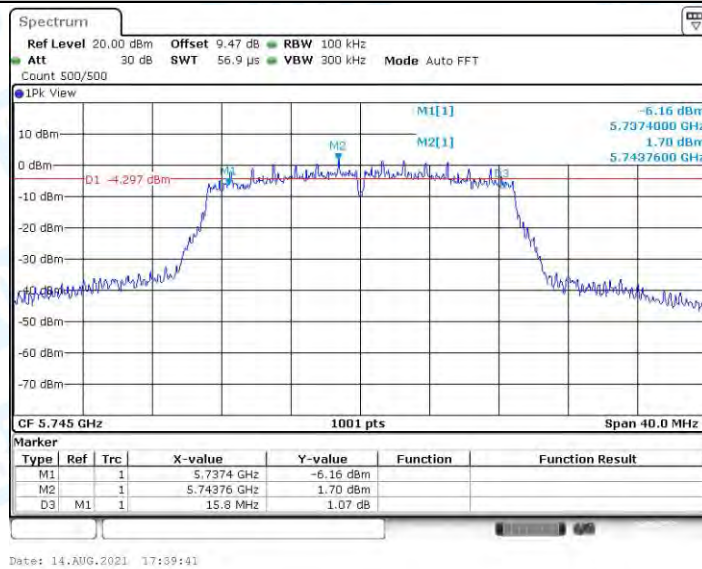
11N40MIMO_Ant2_5795



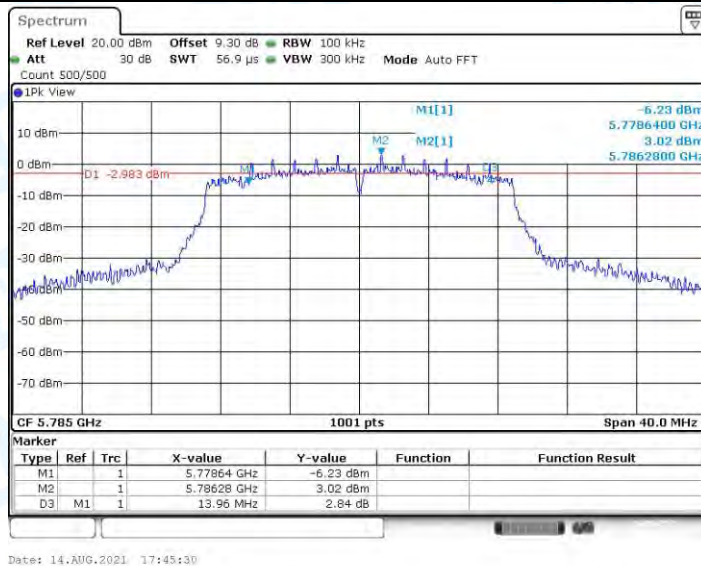
11AC20MIMO_Ant1_5745



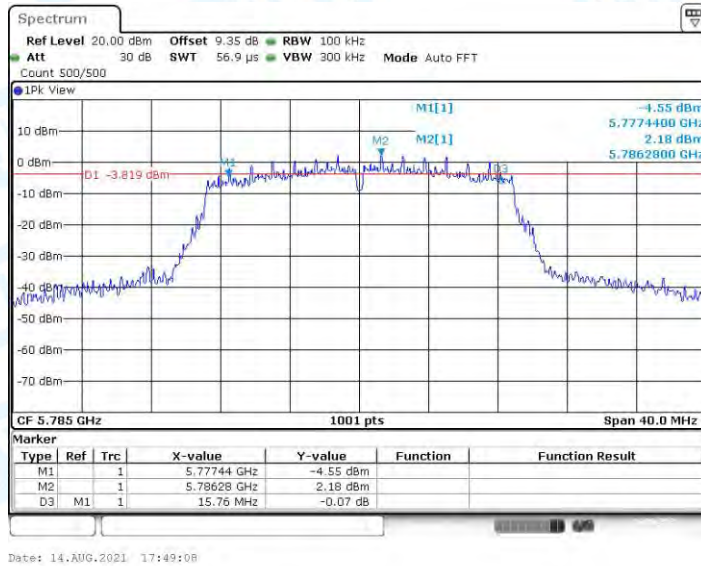
11AC20MIMO_Ant2_5745



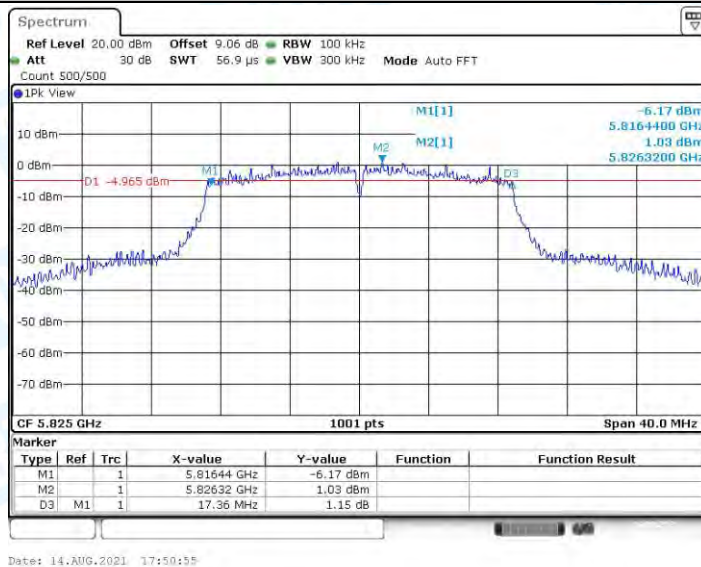
11AC20MIMO_Ant1_5785



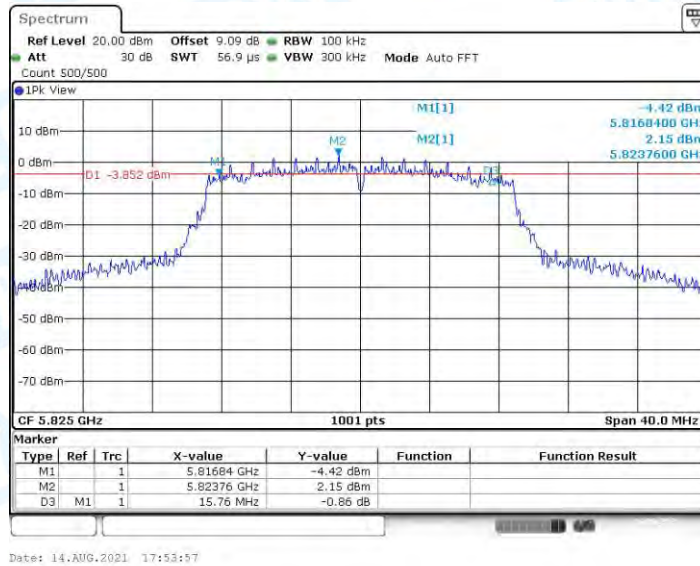
11AC20MIMO_Ant2_5785



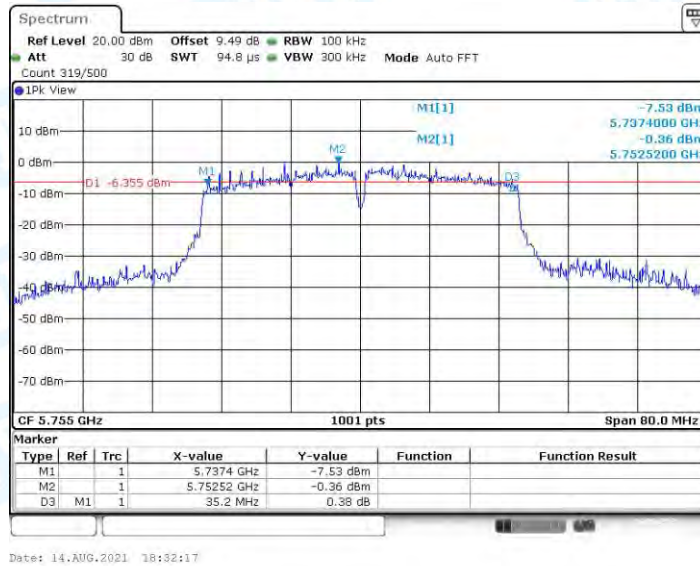
11AC20MIMO_Ant1_5825



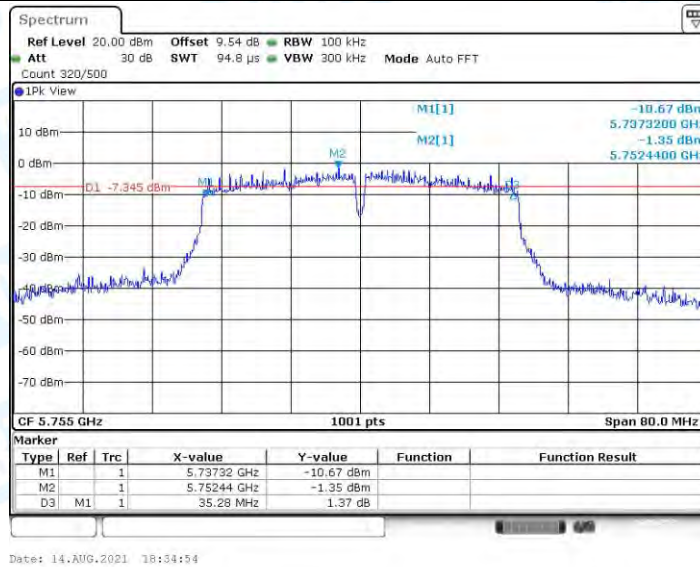
11AC20MIMO_Ant2_5825



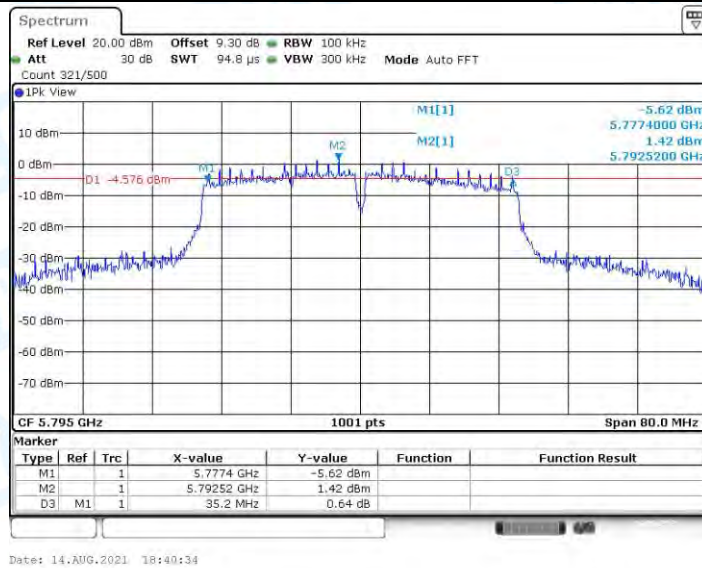
11AC40MIMO_Ant1_5755



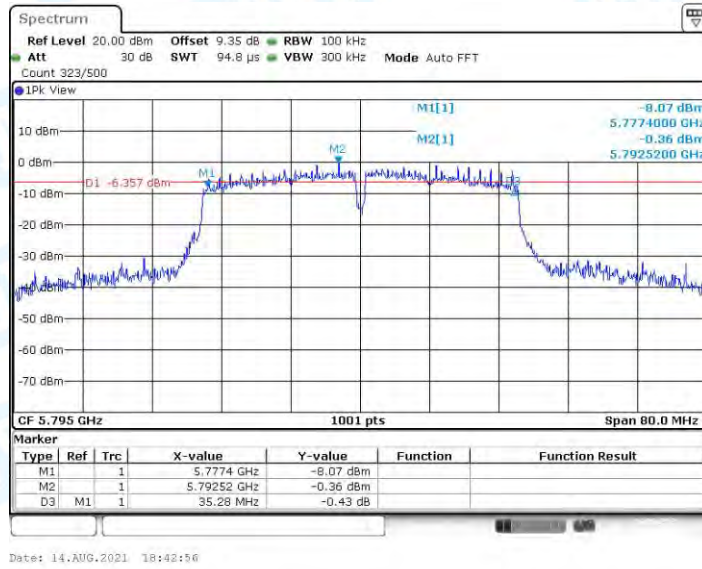
11AC40MIMO_Ant2_5755



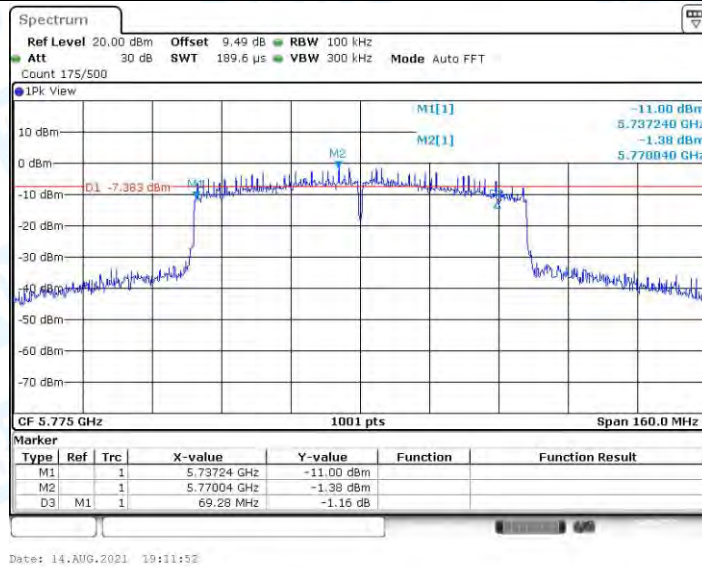
11AC40MIMO_Ant1_5795



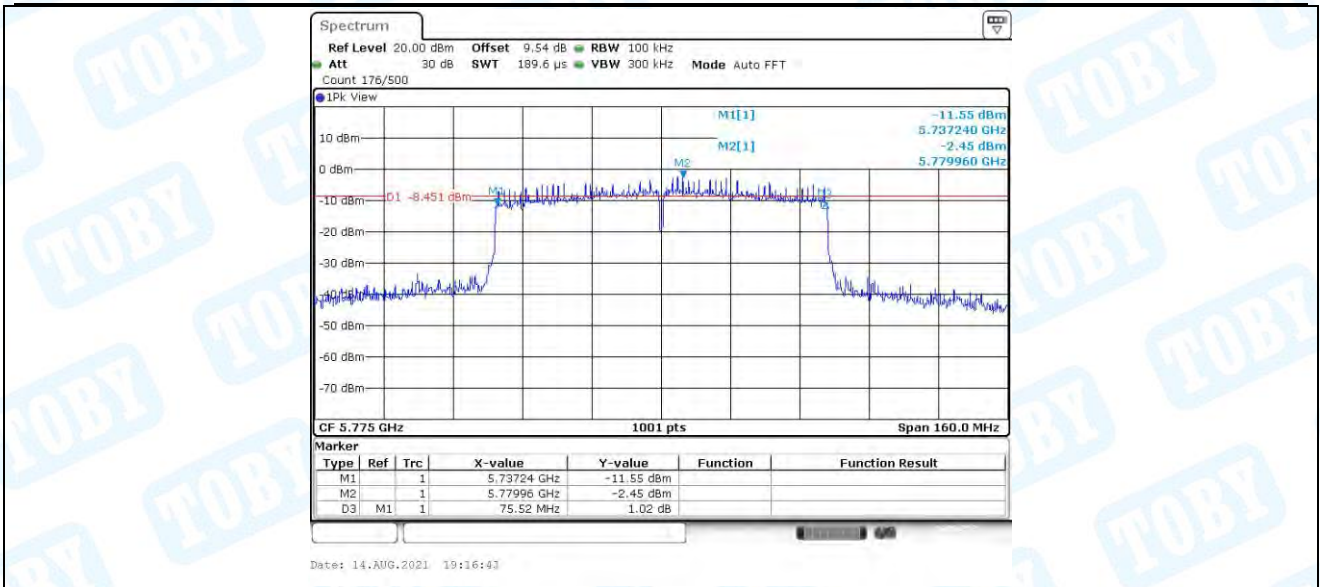
11AC40MIMO_Ant2_5795



11AC80MIMO_Ant1_5775



11AC80MIMO_Ant2_5775



3. Maximum conducted output power

3.1. Test Result

TestMode	Antenna	Channel	Conducted power [dBm]	Limit [dBm]	EIRP [dBm]	Limit [dBm]	Verdict
11A-CDD	Ant1	5180	8.33	≤30	11.33	≤36	PASS
	Ant2	5180	8.23	≤30	11.23	≤36	PASS
	total	5180	11.3	≤29.99	14.29	≤36	PASS
	Ant1	5200	8.34	≤30	11.34	≤36	PASS
	Ant2	5200	8.44	≤30	11.44	≤36	PASS
	total	5200	11.4	≤29.99	14.40	≤36	PASS
	Ant1	5240	8.40	≤30	11.40	≤36	PASS
	Ant2	5240	8.53	≤30	11.53	≤36	PASS
	total	5240	11.5	≤29.99	14.48	≤36	PASS
	Ant1	5260	8.06	≤23.99	11.06	≤30	PASS
	Ant2	5260	8.25	≤23.99	11.25	≤30	PASS
	total	5260	11.2	≤23.98	14.17	≤30	PASS
	Ant1	5280	8.71	≤23.99	11.71	≤30	PASS
	Ant2	5280	7.30	≤23.99	10.30	≤30	PASS
	total	5280	11.1	≤23.98	14.07	≤30	PASS
	Ant1	5320	8.01	≤23.99	11.01	≤30	PASS
	Ant2	5320	7.59	≤23.99	10.59	≤30	PASS
	total	5320	10.8	≤23.98	13.82	≤30	PASS
	Ant1	5500	8.13	≤23.99	11.13	≤30	PASS
	Ant2	5500	7.99	≤23.99	10.99	≤30	PASS
	total	5500	11.1	≤23.98	14.07	≤30	PASS
	Ant1	5580	7.63	≤23.99	10.63	≤30	PASS
	Ant2	5580	8.56	≤23.99	11.56	≤30	PASS
	total	5580	11.1	≤23.98	14.13	≤30	PASS
	Ant1	5700	8.36	≤23.99	11.36	≤30	PASS
	Ant2	5700	9.13	≤23.99	12.13	≤30	PASS
	total	5700	11.8	≤23.98	14.77	≤30	PASS
	Ant1	5745	7.66	≤23.99	10.66	≤36	PASS
	Ant2	5745	8.88	≤23.99	11.88	≤36	PASS
	total	5745	11.3	≤23.98	14.32	≤36	PASS
Ant1	5785	8.05	≤23.99	11.05	≤36	PASS	
Ant2	5785	8.76	≤23.99	11.76	≤36	PASS	
total	5785	11.4	≤23.98	14.43	≤36	PASS	
Ant1	5825	7.96	≤23.99	10.96	≤36	PASS	
Ant2	5825	9.24	≤23.99	12.24	≤36	PASS	
total	5825	11.7	≤23.98	14.66	≤36	PASS	
11N20MIMO	Ant1	5180	7.87	≤23.99	10.87	≤36	PASS
	Ant2	5180	8.85	≤23.99	11.85	≤36	PASS
	total	5180	11.4	≤23.98	14.40	≤36	PASS
	Ant1	5200	7.90	≤23.99	10.90	≤36	PASS
	Ant2	5200	8.16	≤23.99	11.16	≤36	PASS
	total	5200	11.0	≤23.98	14.04	≤36	PASS
	Ant1	5240	8.16	≤23.99	11.16	≤36	PASS
	Ant2	5240	8.30	≤23.99	11.30	≤36	PASS
	total	5240	11.2	≤23.98	14.24	≤36	PASS
	Ant1	5260	8.36	≤23.99	11.36	≤30	PASS
	Ant2	5260	8.93	≤23.99	11.93	≤30	PASS
	total	5260	11.7	≤23.98	14.66	≤30	PASS
	Ant1	5280	7.92	≤23.99	10.92	≤30	PASS
	Ant2	5280	8.21	≤23.99	11.21	≤30	PASS
	total	5280	11.1	≤23.98	14.08	≤30	PASS

	Ant1	5320	7.92	<=23.99	10.92	≤30	PASS
	Ant2	5320	8.68	<=23.99	11.68	≤30	PASS
	total	5320	11.3	<=23.98	14.33	≤30	PASS
	Ant1	5500	8.23	<=23.99	11.23	≤30	PASS
	Ant2	5500	8.29	<=23.99	11.29	≤30	PASS
	total	5500	11.3	<=23.98	14.27	≤30	PASS
	Ant1	5580	8.31	<=23.99	11.31	≤30	PASS
	Ant2	5580	8.29	<=23.99	11.29	≤30	PASS
	total	5580	11.3	<=23.98	14.31	≤30	PASS
	Ant1	5700	8.09	<=23.99	11.09	≤30	PASS
	Ant2	5700	7.92	<=23.99	10.92	≤30	PASS
	total	5700	11.0	<=23.98	14.02	≤30	PASS
	Ant1	5745	8.61	≤30.0	11.61	≤36	PASS
	Ant2	5745	7.64	≤30.0	10.64	≤36	PASS
	total	5745	11.2	≤29.99	14.16	≤36	PASS
	Ant1	5785	8.33	≤30.0	11.33	≤36	PASS
	Ant2	5785	8.12	≤30.0	11.12	≤36	PASS
	total	5785	11.2	≤29.99	14.24	≤36	PASS
Ant1	5825	7.96	≤30.0	10.96	≤36	PASS	
Ant2	5825	8.28	≤30.0	11.28	≤36	PASS	
total	5825	11.1	≤29.99	14.13	≤36	PASS	
11N40MIMO	Ant1	5190	11.06	≤30.0	14.06	≤36	PASS
	Ant2	5190	10.52	≤30.0	13.52	≤36	PASS
	total	5190	13.8	≤29.99	16.81	≤36	PASS
	Ant1	5230	12.48	≤30.0	15.48	≤36	PASS
	Ant2	5230	11.96	≤30.0	14.96	≤36	PASS
	total	5230	15.2	≤29.99	18.24	≤36	PASS
	Ant1	5270	11.42	≤30.0	14.42	≤30	PASS
	Ant2	5270	10.27	≤30.0	13.27	≤30	PASS
	total	5270	13.9	≤29.99	16.89	≤30	PASS
	Ant1	5310	12.07	≤30.0	15.07	≤30	PASS
	Ant2	5310	10.47	≤30.0	13.47	≤30	PASS
	total	5310	14.4	≤29.99	17.35	≤30	PASS
	Ant1	5510	12.34	≤30.0	15.34	≤30	PASS
	Ant2	5510	11.59	≤30.0	14.59	≤30	PASS
	total	5510	15.0	≤29.99	17.99	≤30	PASS
	Ant1	5550	11.45	≤30.0	14.45	≤30	PASS
	Ant2	5550	11.47	≤30.0	14.47	≤30	PASS
	total	5550	14.5	≤29.99	17.47	≤30	PASS
	Ant1	5670	11.81	<=23.99	14.81	≤30	PASS
	Ant2	5670	10.71	<=23.99	13.71	≤30	PASS
	total	5670	14.3	<=23.98	17.31	≤30	PASS
	Ant1	5755	14.45	≤30.0	17.45	≤36	PASS
	Ant2	5755	13.29	≤30.0	16.29	≤36	PASS
	total	5755	16.9	≤29.99	19.92	≤36	PASS
Ant1	5795	14.34	≤30.0	17.34	≤36	PASS	
Ant2	5795	13.60	≤30.0	16.60	≤36	PASS	
total	5795	17.0	≤29.99	20.00	≤36	PASS	
11AC20MIMO	Ant1	5180	7.93	≤30.0	10.93	≤36	PASS
	Ant2	5180	8.19	≤30.0	11.19	≤36	PASS
	total	5180	11.1	≤29.99	14.07	≤36	PASS
	Ant1	5200	8.45	≤30.0	11.45	≤36	PASS
	Ant2	5200	8.16	≤30.0	11.16	≤36	PASS
	total	5200	11.3	≤29.99	14.32	≤36	PASS
	Ant1	5240	8.08	≤30.0	11.08	≤36	PASS
	Ant2	5240	8.58	≤30.0	11.58	≤36	PASS
total	5240	11.3	≤29.99	14.35	≤36	PASS	
Ant1	5260	8.22	<=23.99	11.22	≤30	PASS	
Ant2	5260	8.31	<=23.99	11.31	≤30	PASS	

	total	5260	11.3	<=23.98	14.28	≤30	PASS
	Ant1	5280	8.01	<=23.99	11.01	≤30	PASS
	Ant2	5280	8.17	<=23.99	11.17	≤30	PASS
	total	5280	11.1	<=23.98	14.10	≤30	PASS
	Ant1	5320	8.54	<=23.99	11.54	≤30	PASS
	Ant2	5320	8.37	<=23.99	11.37	≤30	PASS
	total	5320	11.5	<=23.98	14.47	≤30	PASS
	Ant1	5500	8.45	<=23.99	11.45	≤30	PASS
	Ant2	5500	8.19	<=23.99	11.19	≤30	PASS
	total	5500	11.3	<=23.98	14.33	≤30	PASS
	Ant1	5580	8.09	<=23.99	11.09	≤30	PASS
	Ant2	5580	7.99	<=23.99	10.99	≤30	PASS
	total	5580	11.1	<=23.98	14.05	≤30	PASS
	Ant1	5700	8.91	<=23.99	11.91	≤30	PASS
	Ant2	5700	7.85	<=23.99	10.85	≤30	PASS
	total	5700	11.4	<=23.98	14.42	≤30	PASS
	Ant1	5745	7.95	≤30.0	10.95	≤36	PASS
	Ant2	5745	8.57	≤30.0	11.57	≤36	PASS
	total	5745	11.3	≤29.99	14.28	≤36	PASS
	Ant1	5785	8.49	≤30.0	11.49	≤36	PASS
	Ant2	5785	7.96	≤30.0	10.96	≤36	PASS
	total	5785	11.2	≤29.99	14.24	≤36	PASS
	Ant1	5825	8.20	≤30.0	11.20	≤36	PASS
	Ant2	5825	8.17	≤30.0	11.17	≤36	PASS
	total	5825	11.2	≤29.99	14.20	≤36	PASS
11AC40MIMO	Ant1	5190	10.90	≤30.0	13.90	≤36	PASS
	Ant2	5190	10.27	≤30.0	13.27	≤36	PASS
	total	5190	13.6	≤29.99	16.61	≤36	PASS
	Ant1	5230	12.32	≤30.0	15.32	≤36	PASS
	Ant2	5230	11.81	≤30.0	14.81	≤36	PASS
	total	5230	15.1	≤29.99	18.08	≤36	PASS
	Ant1	5270	10.50	<=23.99	13.50	≤30	PASS
	Ant2	5270	9.28	<=23.99	12.28	≤30	PASS
	total	5270	12.9	<=23.98	15.94	≤30	PASS
	Ant1	5310	10.67	<=23.99	13.67	≤30	PASS
	Ant2	5310	9.11	<=23.99	12.11	≤30	PASS
	total	5310	13.0	<=23.98	15.97	≤30	PASS
	Ant1	5510	11.21	<=23.99	14.21	≤30	PASS
	Ant2	5510	10.61	<=23.99	13.61	≤30	PASS
	total	5510	13.9	<=23.98	16.93	≤30	PASS
	Ant1	5550	10.34	<=23.99	13.34	≤30	PASS
	Ant2	5550	10.35	<=23.99	13.35	≤30	PASS
	total	5550	13.4	<=23.98	16.36	≤30	PASS
	Ant1	5670	11.52	<=23.99	14.52	≤30	PASS
	Ant2	5670	10.57	<=23.99	13.57	≤30	PASS
	total	5670	14.1	<=23.98	17.08	≤30	PASS
	Ant1	5755	14.07	≤30.0	17.07	≤36	PASS
	Ant2	5755	12.86	≤30.0	15.86	≤36	PASS
	total	5755	16.5	≤29.99	19.52	≤36	PASS
	Ant1	5795	14.37	≤30.0	17.37	≤36	PASS
	Ant2	5795	13.58	≤30.0	16.58	≤36	PASS
	total	5795	17.0	≤29.99	20.00	≤36	PASS
	11AC80MIMO	Ant1	5210	12.87	≤30.0	15.87	≤36
Ant2		5210	9.90	≤30.0	12.90	≤36	PASS
total		5210	14.6	≤29.99	17.64	≤36	PASS
Ant1		5290	9.35	<=23.99	12.35	≤30	PASS
Ant2		5290	7.96	<=23.99	10.96	≤30	PASS
total		5290	11.7	<=23.98	14.72	≤30	PASS
	Ant1	5530	9.11	<=23.99	12.11	≤30	PASS

Ant2	5530	8.11	≤ 23.99	11.11	≤ 30	PASS
total	5530	11.6	≤ 23.98	14.65	≤ 30	PASS
Ant1	5610	8.82	≤ 23.99	11.82	≤ 30	PASS
Ant2	5610	7.16	≤ 23.99	10.16	≤ 30	PASS
total	5610	11.1	≤ 23.98	14.08	≤ 30	PASS
Ant1	5775	14.79	≤ 30.0	17.79	≤ 36	PASS
Ant2	5775	13.65	≤ 30.0	16.65	≤ 36	PASS
total	5775	17.3	≤ 29.99	20.27	≤ 36	PASS

Note: The Duty Cycle Factor is compensated in the graph.

4. Maximum power spectral density

4.1. Test Result

TestMode	Antenna	Channel	Result [dBm/MHz]	Limit[dBm/MHz]	Verdict
11A-CDD	Ant1	5180	4.35	<=17.0	PASS
	Ant2	5180	5.39	<=17.0	PASS
	total	5180	7.91	<=16.99	PASS
	Ant1	5200	3.71	<=17.0	PASS
	Ant2	5200	4.07	<=17.0	PASS
	total	5200	6.90	<=16.99	PASS
	Ant1	5240	3.33	<=17.0	PASS
	Ant2	5240	4.09	<=17.0	PASS
	total	5240	6.74	<=16.99	PASS
	Ant1	5260	1.32	<=11.0	PASS
	Ant2	5260	2.42	<=11.0	PASS
	total	5260	4.92	<=10.99	PASS
	Ant1	5280	0.7	<=11.0	PASS
	Ant2	5280	2.12	<=11.0	PASS
	total	5280	4.48	<=10.99	PASS
	Ant1	5320	3.57	<=11.0	PASS
	Ant2	5320	1.74	<=11.0	PASS
	total	5320	5.76	<=10.99	PASS
	Ant1	5500	4.3	<=11.0	PASS
	Ant2	5500	4.03	<=11.0	PASS
	total	5500	7.18	<=10.99	PASS
	Ant1	5580	3.22	<=11.0	PASS
	Ant2	5580	1.71	<=11.0	PASS
	total	5580	5.54	<=10.99	PASS
	Ant1	5700	3.07	<=11.0	PASS
	Ant2	5700	2.17	<=11.0	PASS
	total	5700	5.65	<=10.99	PASS
	Ant1	5745	1.34	<=30.0	PASS
	Ant2	5745	0.69	<=30.0	PASS
	total	5745	4.04	<=29.99	PASS
	Ant1	5785	1.76	<=30.0	PASS
	Ant2	5785	1.13	<=30.0	PASS
	total	5785	4.47	<=29.99	PASS
Ant1	5825	1.74	<=30.0	PASS	
Ant2	5825	1.53	<=30.0	PASS	
total	5825	4.65	<=29.99	PASS	
11N20MIMO	Ant1	5180	2.33	<=17.0	PASS
	Ant2	5180	3.2	<=17.0	PASS
	total	5180	5.80	<=16.99	PASS
	Ant1	5200	1.77	<=17.0	PASS
	Ant2	5200	2.46	<=17.0	PASS

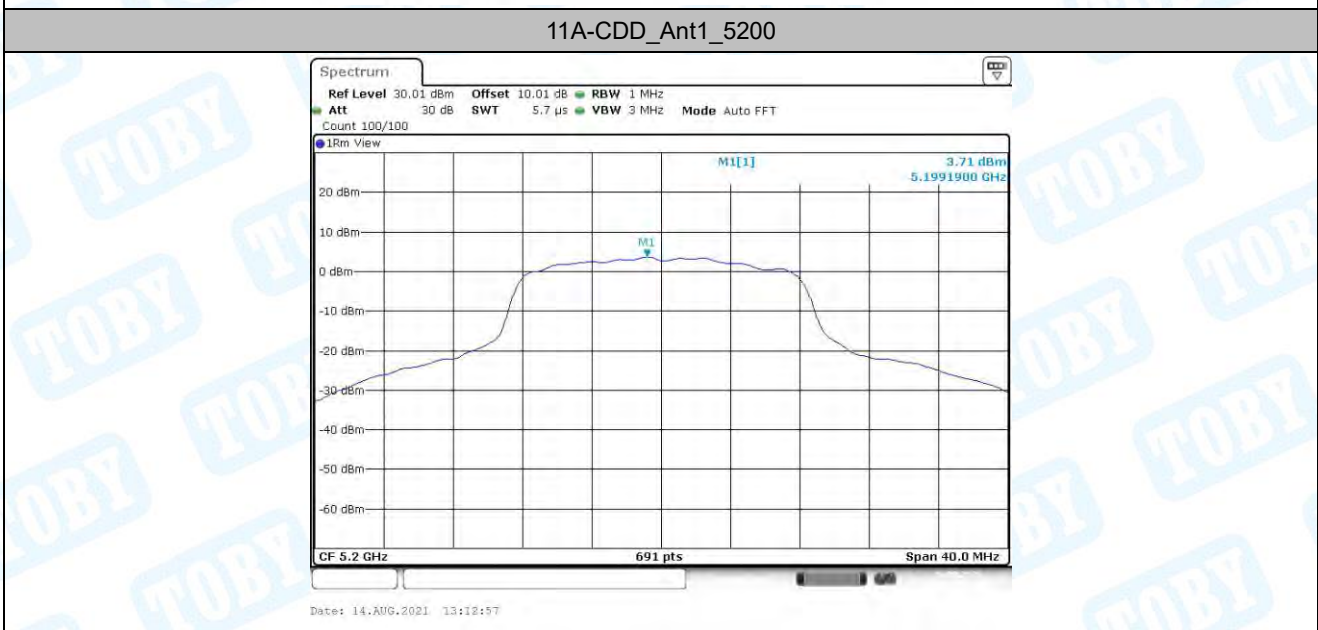
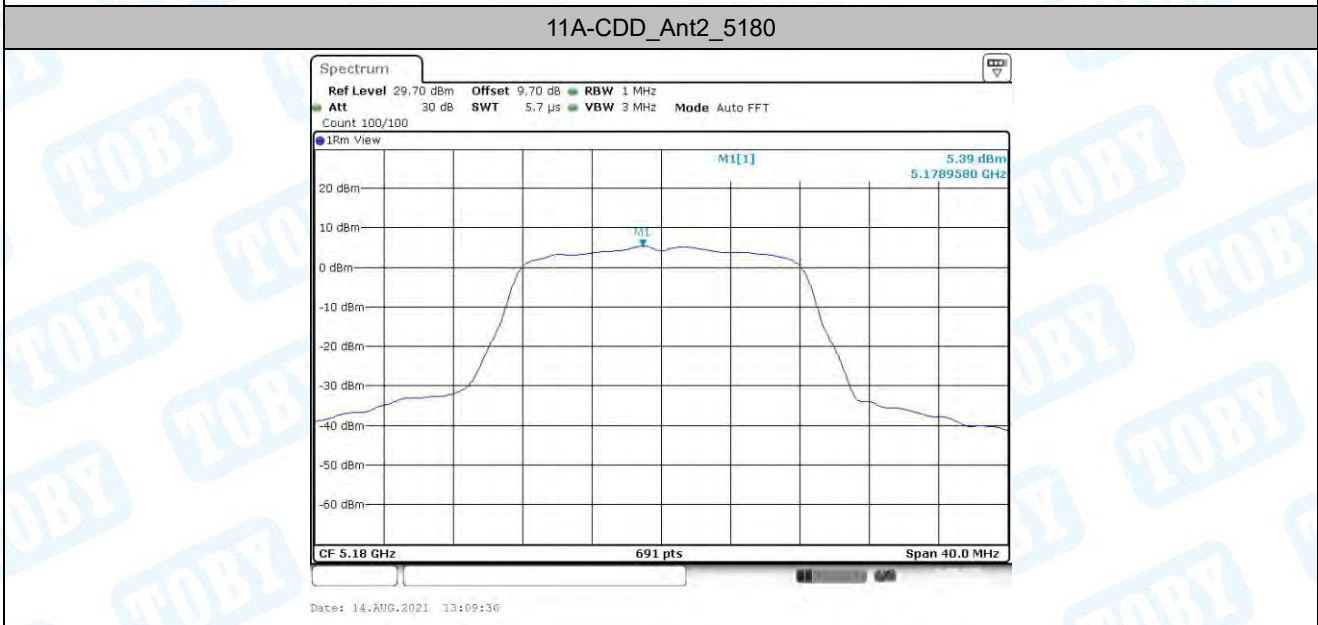
	total	5200	5.14	<=16.99	PASS
	Ant1	5240	1.45	<=17.0	PASS
	Ant2	5240	2.19	<=17.0	PASS
	total	5240	4.85	<=16.99	PASS
	Ant1	5260	0.99	<=11.0	PASS
	Ant2	5260	0.07	<=11.0	PASS
	total	5260	3.56	<=10.99	PASS
	Ant1	5280	0.97	<=11.0	PASS
	Ant2	5280	-0.55	<=11.0	PASS
	total	5280	3.29	<=10.99	PASS
	Ant1	5320	1.5	<=11.0	PASS
	Ant2	5320	-0.73	<=11.0	PASS
	total	5320	3.54	<=10.99	PASS
	Ant1	5500	1.04	<=11.0	PASS
	Ant2	5500	0.61	<=11.0	PASS
	total	5500	3.84	<=10.99	PASS
	Ant1	5580	1.07	<=11.0	PASS
	Ant2	5580	-0.34	<=11.0	PASS
	total	5580	3.43	<=10.99	PASS
	Ant1	5700	0.67	<=11.0	PASS
	Ant2	5700	0.14	<=11.0	PASS
	total	5700	3.42	<=10.99	PASS
	Ant1	5745	0.16	<=30.0	PASS
	Ant2	5745	-0.51	<=30.0	PASS
	total	5745	2.85	<=29.99	PASS
	Ant1	5785	0.97	<=30.0	PASS
	Ant2	5785	-0.1	<=30.0	PASS
	total	5785	3.48	<=29.99	PASS
	Ant1	5825	0.89	<=30.0	PASS
	Ant2	5825	0.23	<=30.0	PASS
	total	5825	3.58	<=29.99	PASS
11N40MIMO	Ant1	5190	-1.99	<=17.0	PASS
	Ant2	5190	-2.76	<=17.0	PASS
	total	5190	0.65	<=16.99	PASS
	Ant1	5230	-0.54	<=17.0	PASS
	Ant2	5230	-1.09	<=17.0	PASS
	total	5230	2.20	<=16.99	PASS
	Ant1	5270	-1.73	<=11.0	PASS
	Ant2	5270	-2.14	<=11.0	PASS
	total	5270	1.08	<=10.99	PASS
	Ant1	5310	-1.67	<=11.0	PASS
	Ant2	5310	-2.48	<=11.0	PASS
	total	5310	0.95	<=10.99	PASS
	Ant1	5510	-1.05	<=11.0	PASS
	Ant2	5510	-1.46	<=11.0	PASS
total	5510	1.76	<=10.99	PASS	

	Ant1	5550	-1.57	<=11.0	PASS
	Ant2	5550	-1.54	<=11.0	PASS
	total	5550	1.46	<=10.99	PASS
	Ant1	5670	-1.44	<=11.0	PASS
	Ant2	5670	-2.26	<=11.0	PASS
	total	5670	1.18	<=10.99	PASS
	Ant1	5755	-1.27	<=30.0	PASS
	Ant2	5755	-2.63	<=30.0	PASS
	total	5755	1.11	<=29.99	PASS
	Ant1	5795	-1.74	<=30.0	PASS
	Ant2	5795	-2.52	<=30.0	PASS
	total	5795	0.90	<=29.99	PASS
11AC20MIMO	Ant1	5180	2.46	<=17.0	PASS
	Ant2	5180	2.03	<=17.0	PASS
	total	5180	5.26	<=16.99	PASS
	Ant1	5200	3.2	<=17.0	PASS
	Ant2	5200	2.43	<=17.0	PASS
	total	5200	5.84	<=16.99	PASS
	Ant1	5240	2.36	<=17.0	PASS
	Ant2	5240	2.07	<=17.0	PASS
	total	5240	5.23	<=16.99	PASS
	Ant1	5260	-0.14	<=11.0	PASS
	Ant2	5260	-0.56	<=11.0	PASS
	total	5260	2.67	<=10.99	PASS
	Ant1	5280	-0.11	<=11.0	PASS
	Ant2	5280	-1.49	<=11.0	PASS
	total	5280	2.26	<=10.99	PASS
	Ant1	5320	0.39	<=11.0	PASS
	Ant2	5320	-1.21	<=11.0	PASS
	total	5320	2.67	<=10.99	PASS
	Ant1	5500	0.41	<=11.0	PASS
	Ant2	5500	-0.27	<=11.0	PASS
	total	5500	3.09	<=10.99	PASS
	Ant1	5580	0.88	<=11.0	PASS
	Ant2	5580	-0.45	<=11.0	PASS
	total	5580	3.28	<=10.99	PASS
	Ant1	5700	0.99	<=11.0	PASS
	Ant2	5700	0.18	<=11.0	PASS
	total	5700	3.61	<=10.99	PASS
	Ant1	5745	-0.33	<=30.0	PASS
	Ant2	5745	-1.4	<=30.0	PASS
	total	5745	2.18	<=29.99	PASS
Ant1	5785	-0.47	<=30.0	PASS	
Ant2	5785	-1.14	<=30.0	PASS	
total	5785	2.22	<=29.99	PASS	
Ant1	5825	-0.27	<=30.0	PASS	

	Ant2	5825	-1.02	<=30.0	PASS
	total	5825	2.38	<=29.99	PASS
11AC40MIMO	Ant1	5190	-2.01	<=17.0	PASS
	Ant2	5190	-2.77	<=17.0	PASS
	total	5190	0.64	<=16.99	PASS
	Ant1	5230	-1.18	<=17.0	PASS
	Ant2	5230	-0.66	<=17.0	PASS
	total	5230	2.10	<=16.99	PASS
	Ant1	5270	-3.04	<=11.0	PASS
	Ant2	5270	-3.3	<=11.0	PASS
	total	5270	-0.16	<=10.99	PASS
	Ant1	5310	-2.74	<=11.0	PASS
	Ant2	5310	-3.54	<=11.0	PASS
	total	5310	-0.11	<=10.99	PASS
	Ant1	5510	-2.27	<=11.0	PASS
	Ant2	5510	-3.09	<=11.0	PASS
	total	5510	0.35	<=10.99	PASS
	Ant1	5550	-2.75	<=11.0	PASS
	Ant2	5550	-2.85	<=11.0	PASS
	total	5550	0.21	<=10.99	PASS
	Ant1	5670	-1.42	<=11.0	PASS
	Ant2	5670	-2.2	<=11.0	PASS
	total	5670	1.22	<=10.99	PASS
	Ant1	5755	-1.59	<=30.0	PASS
	Ant2	5755	-3.28	<=30.0	PASS
	total	5755	0.66	<=29.99	PASS
Ant1	5795	-1.29	<=30.0	PASS	
Ant2	5795	-2.63	<=30.0	PASS	
total	5795	1.10	<=29.99	PASS	
11AC80MIMO	Ant1	5210	-2.87	<=17.0	PASS
	Ant2	5210	-5.93	<=17.0	PASS
	total	5210	-1.13	<=16.99	PASS
	Ant1	5290	-10.1	<=11.0	PASS
	Ant2	5290	-11.24	<=11.0	PASS
	total	5290	-7.62	<=10.99	PASS
	Ant1	5530	-7.03	<=11.0	PASS
	Ant2	5530	-7.63	<=11.0	PASS
	total	5530	-4.31	<=10.99	PASS
	Ant1	5610	-7.36	<=11.0	PASS
	Ant2	5610	-9.37	<=11.0	PASS
	total	5610	-5.24	<=10.99	PASS
	Ant1	5775	-3.74	<=30.0	PASS
	Ant2	5775	-5	<=30.0	PASS
total	5775	-1.31	<=29.99	PASS	

Note: 1.The Result and Limit Unit is dBm/500 kHz in the band 5.725–5.85 GHz.
 2.The Duty Cycle Factor and RBW Factor is compensated in the graph.

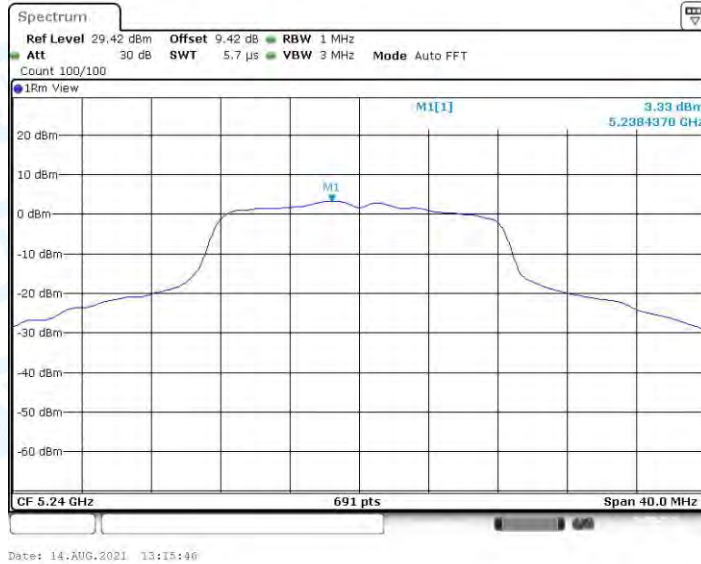
4.2. Test Graphs



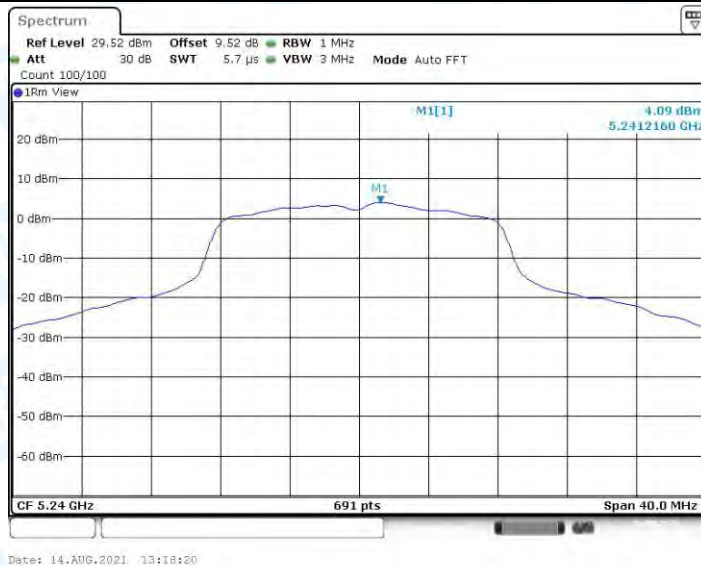
11A-CDD_Ant2_5200



11A-CDD_Ant1_5240



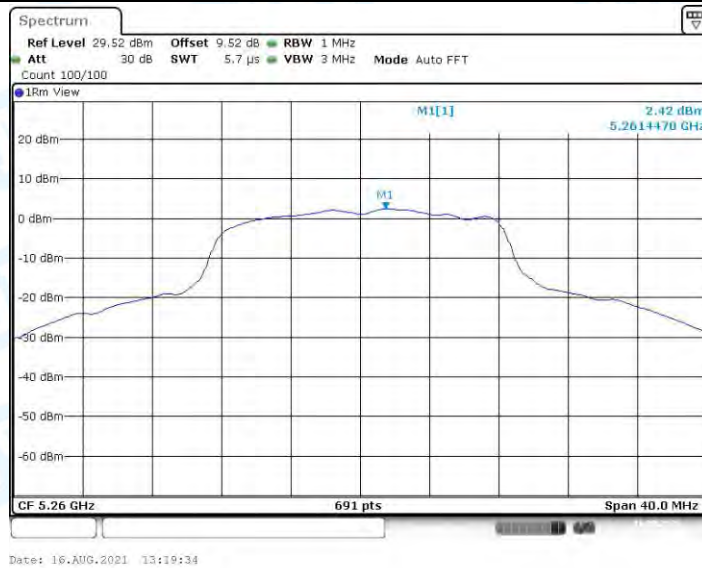
11A-CDD_Ant2_5240



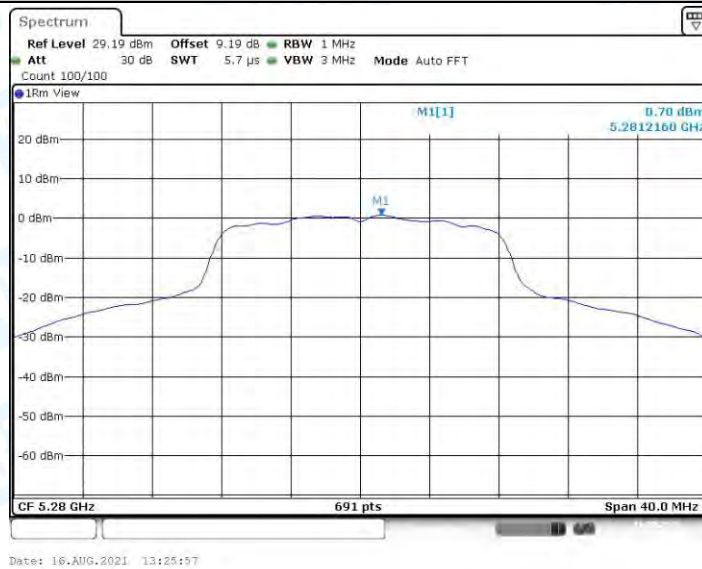
11A-CDD_Ant1_5260



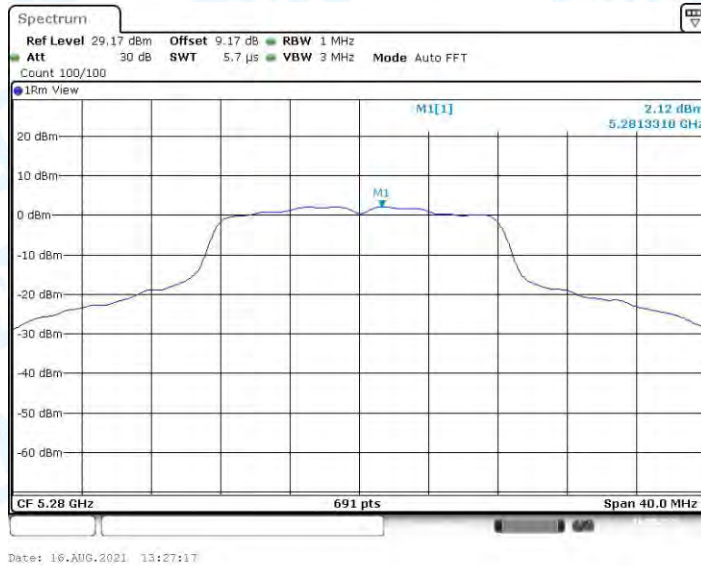
11A-CDD_Ant2_5260



11A-CDD_Ant1_5280



11A-CDD_Ant2_5280



11A-CDD_Ant1_5320



11A-CDD_Ant2_5320



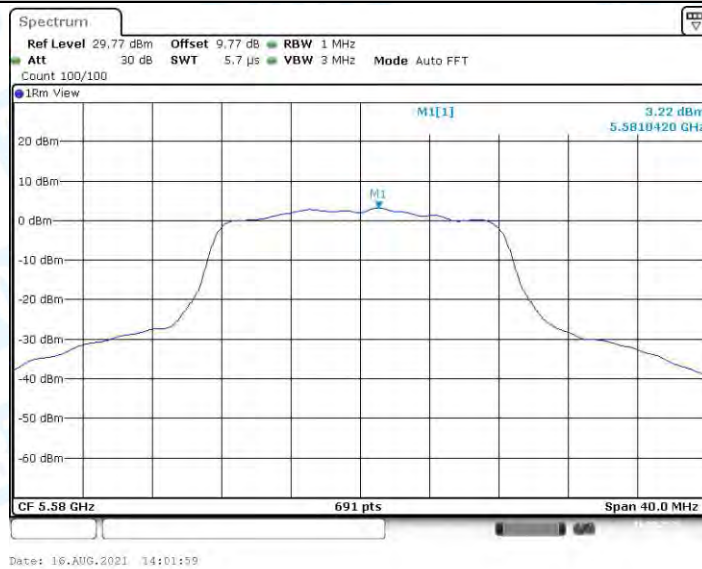
11A-CDD_Ant1_5500



11A-CDD_Ant2_5500



11A-CDD_Ant1_5580



11A-CDD_Ant2_5580



11A-CDD_Ant1_5700



11A-CDD_Ant2_5700



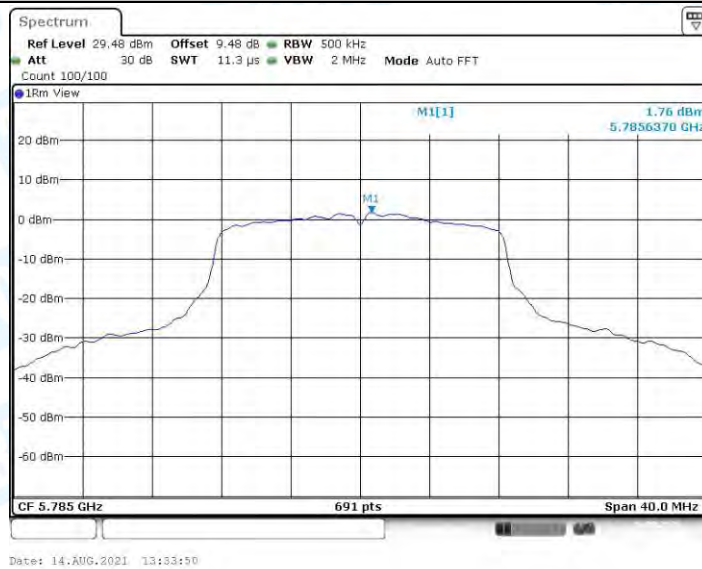
11A-CDD_Ant1_5745



11A-CDD_Ant2_5745



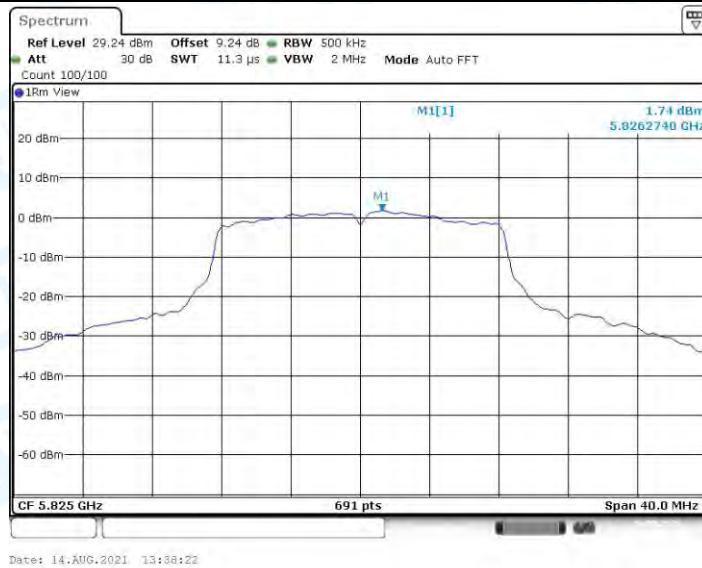
11A-CDD_Ant1_5785



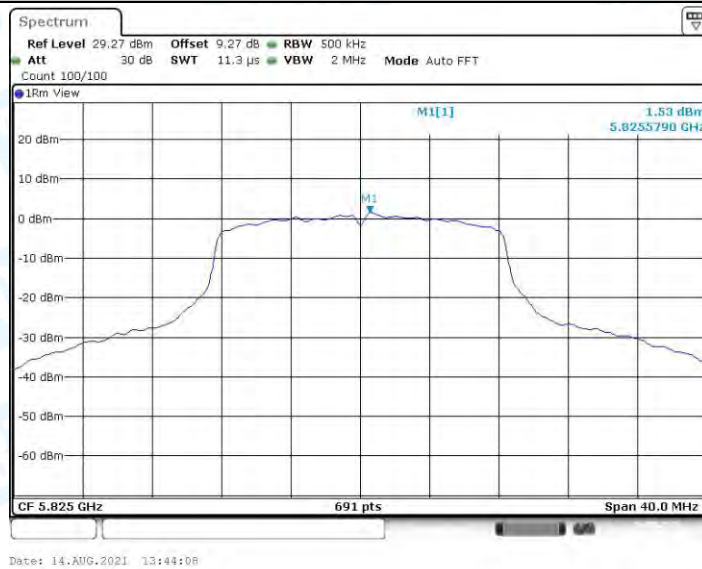
11A-CDD_Ant2_5785



11A-CDD_Ant1_5825



11A-CDD_Ant2_5825



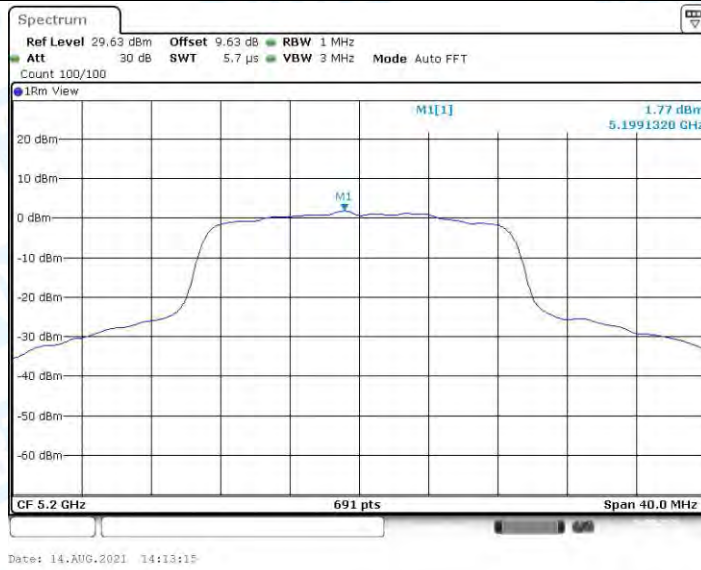
11N20MIMO_Ant1_5180



11N20MIMO_Ant2_5180



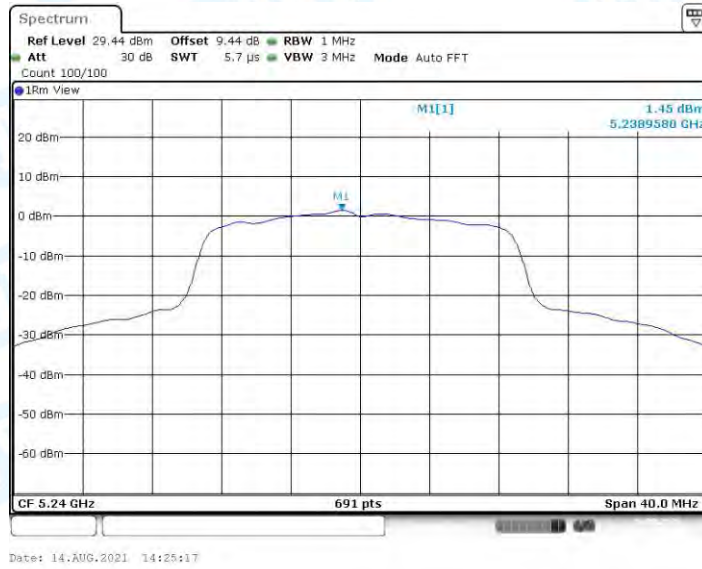
11N20MIMO_Ant1_5200



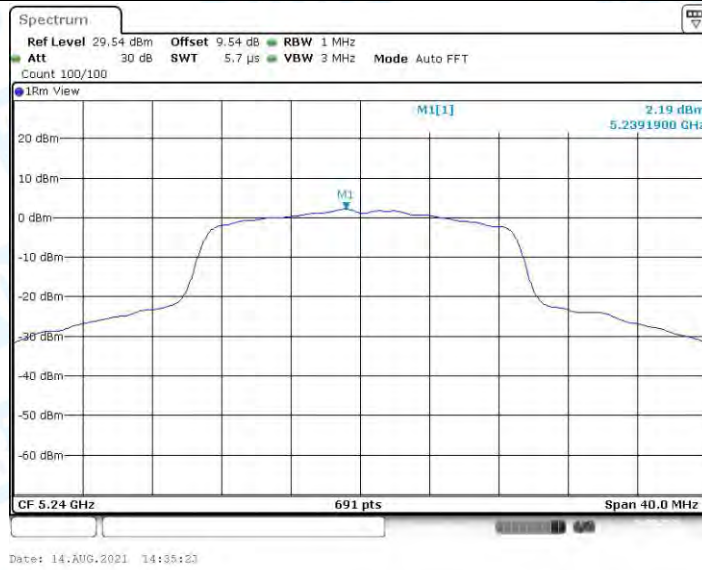
11N20MIMO_Ant2_5200



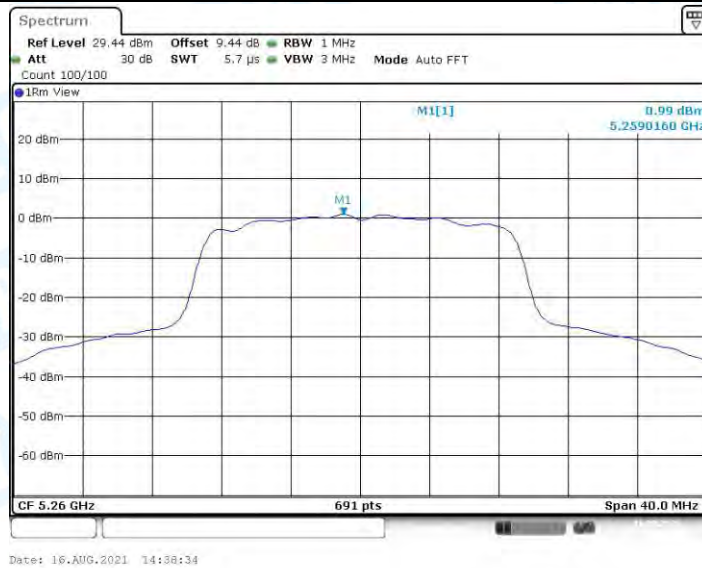
11N20MIMO_Ant1_5240



11N20MIMO_Ant2_5240



11N20MIMO_Ant1_5260



11N20MIMO_Ant2_5260



11N20MIMO_Ant1_5280



11N20MIMO_Ant2_5280



11N20MIMO_Ant1_5320



11N20MIMO_Ant2_5320



11N20MIMO_Ant1_5500



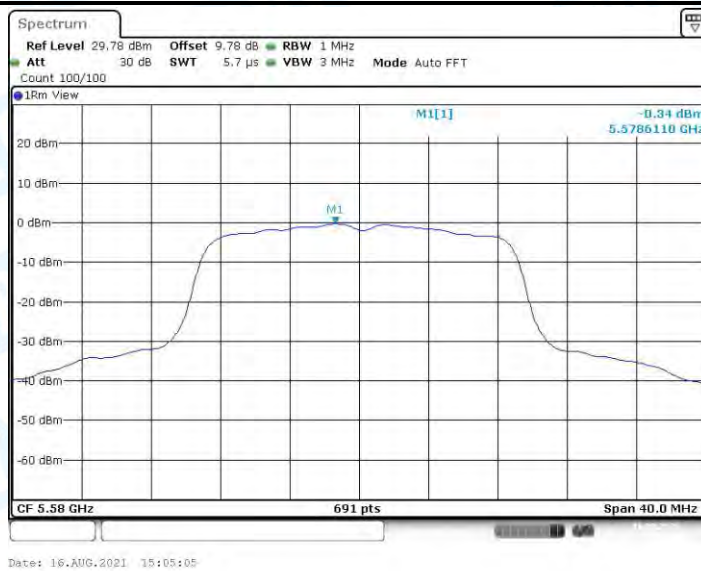
11N20MIMO_Ant2_5500



11N20MIMO_Ant1_5580



11N20MIMO_Ant2_5580



11N20MIMO_Ant1_5700



11N20MIMO_Ant2_5700



11N20MIMO_Ant1_5745



11N20MIMO_Ant2_5745



11N20MIMO_Ant1_5785



11N20MIMO_Ant2_5785



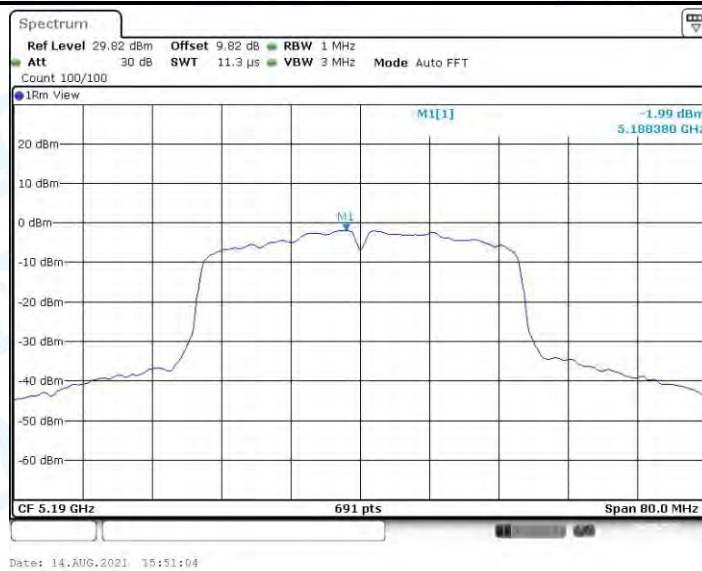
11N20MIMO_Ant1_5825



11N20MIMO_Ant2_5825



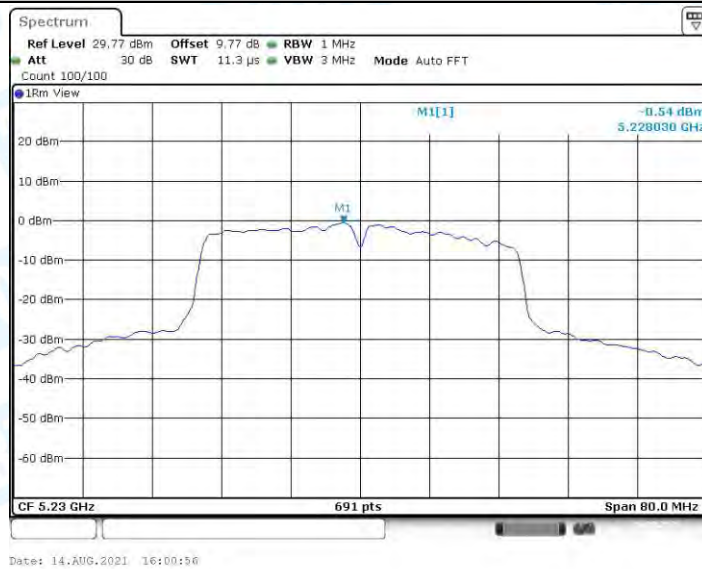
11N40MIMO_Ant1_5190



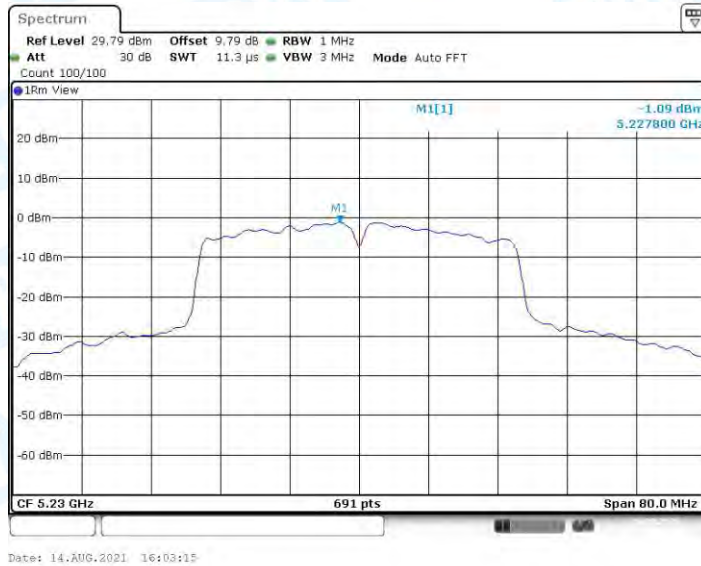
11N40MIMO_Ant2_5190



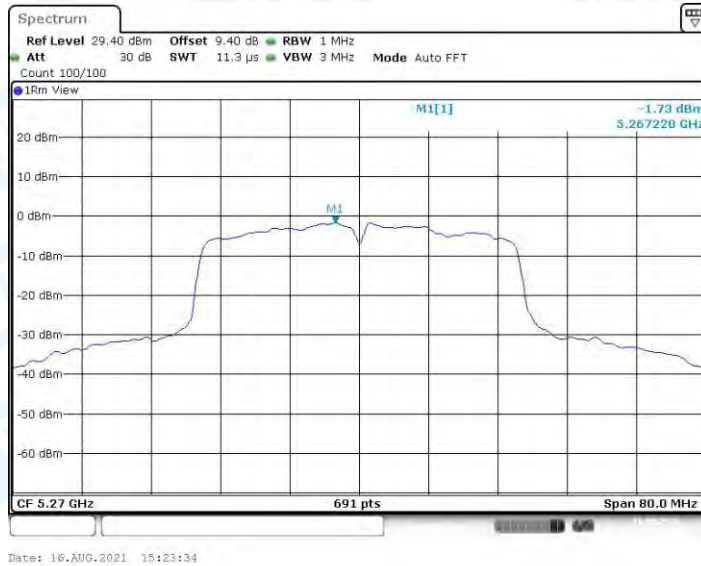
11N40MIMO_Ant1_5230



11N40MIMO_Ant2_5230



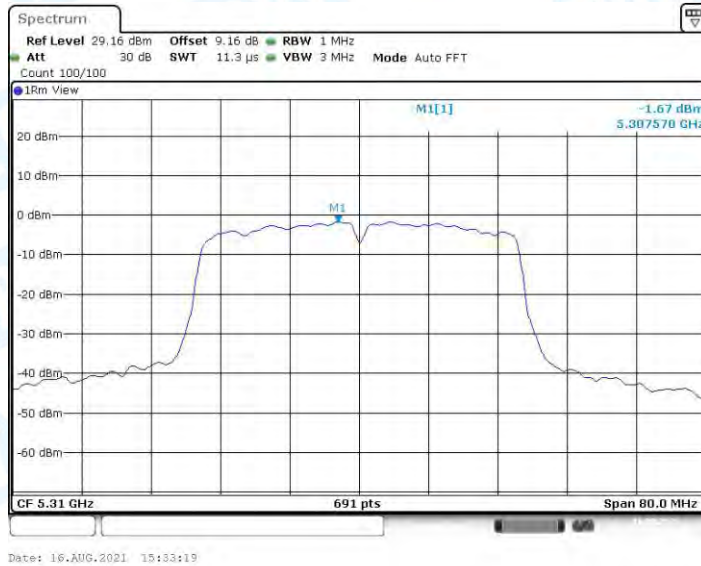
11N40MIMO_Ant1_5270



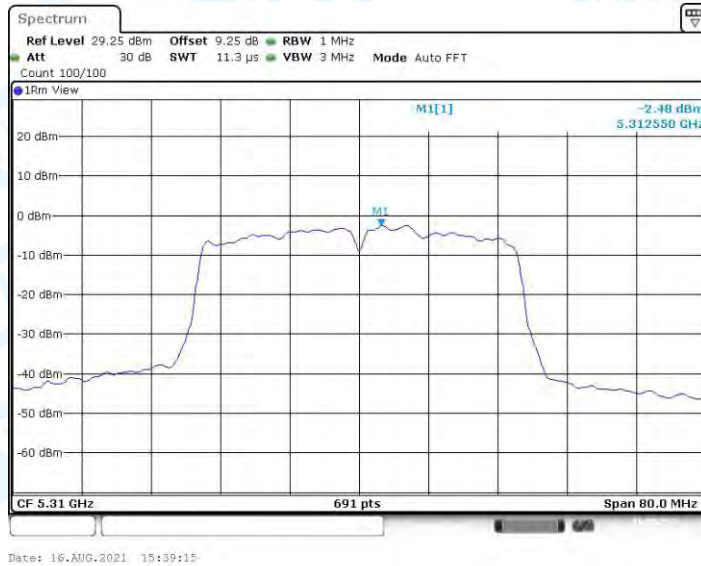
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11N40MIMO_Ant1_5310



11N40MIMO_Ant2_5310



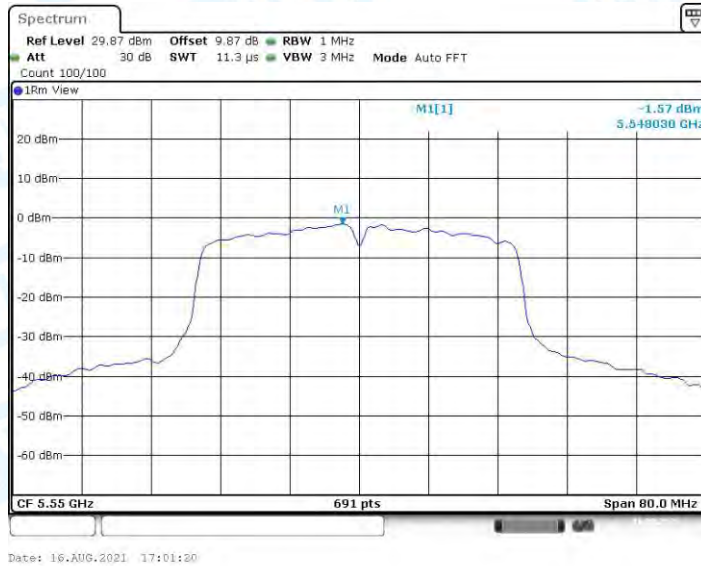
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11N40MIMO_Ant2_5510



11N40MIMO_Ant1_5550



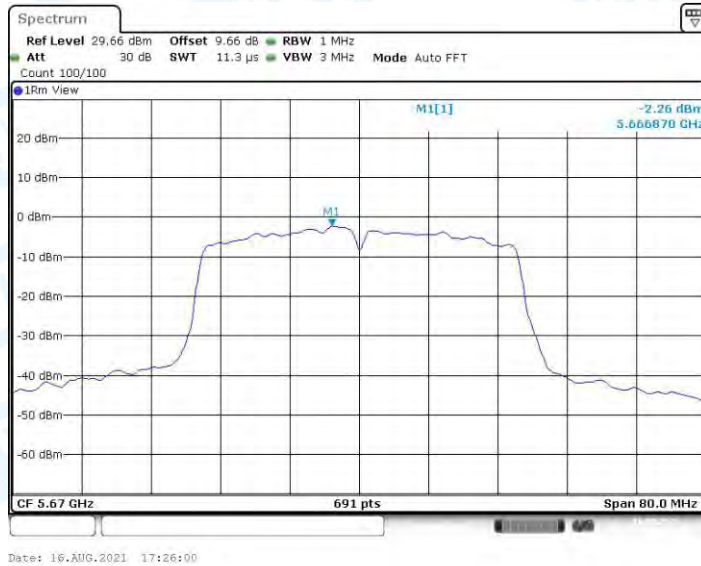
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11N40MIMO_Ant1_5670



11N40MIMO_Ant2_5670



11N40MIMO_Ant1_5755



11N40MIMO_Ant2_5755



11N40MIMO_Ant1_5795



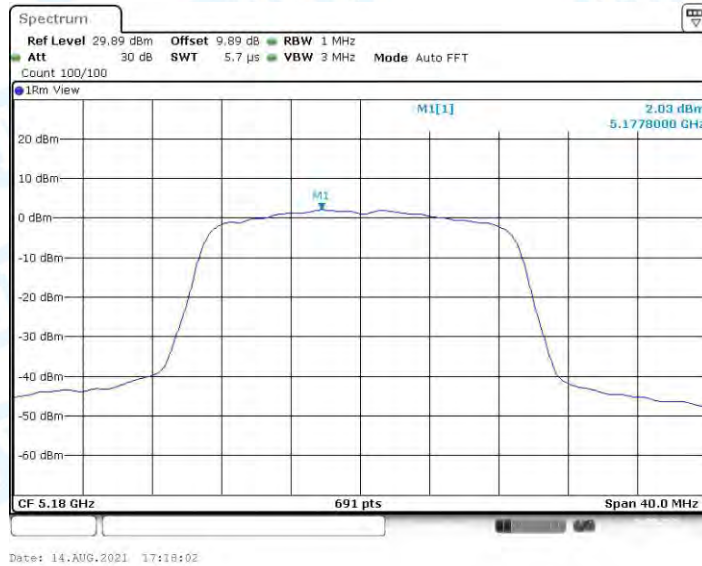
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11AC20MIMO_Ant1_5180



11AC20MIMO_Ant2_5180



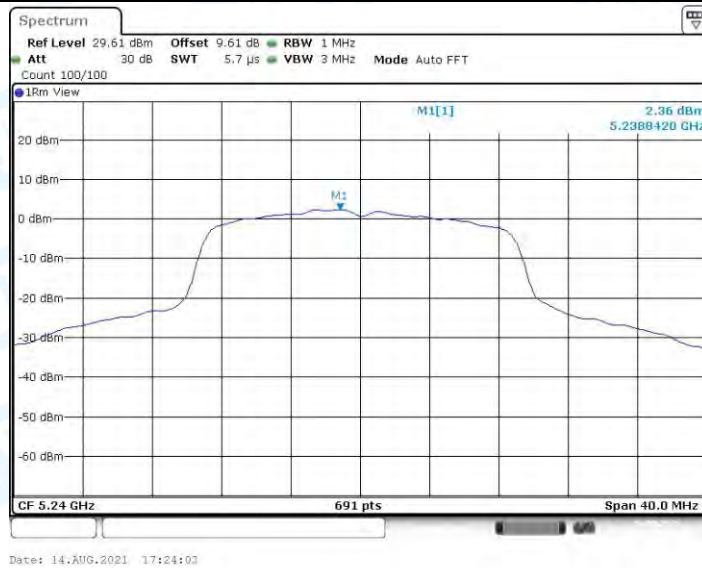
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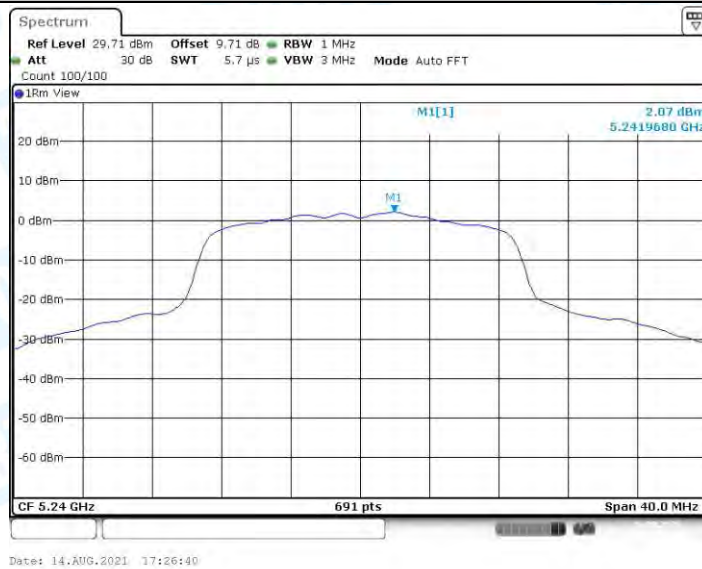
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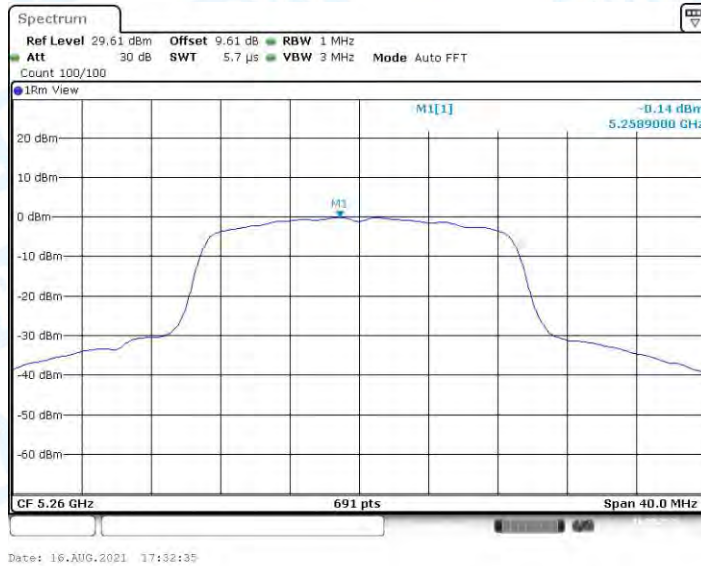
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11AC20MIMO_Ant2_5240



11AC20MIMO_Ant1_5260



11AC20MIMO_Ant2_5260



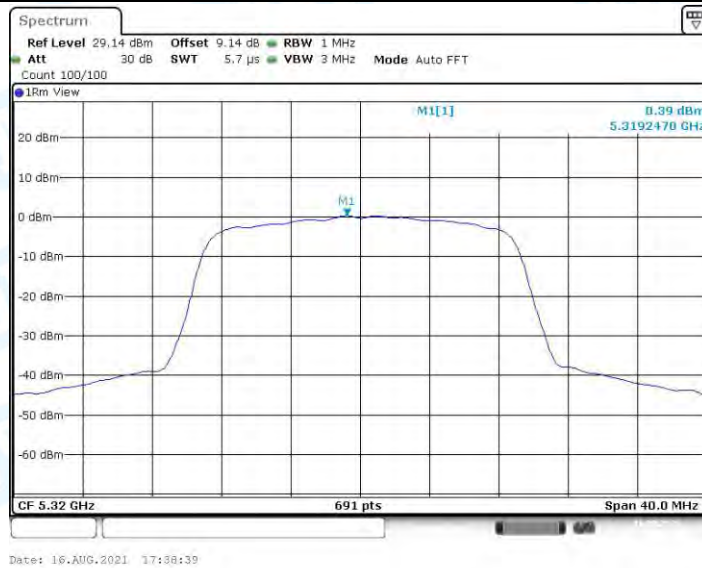
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11AC20MIMO_Ant2_5280



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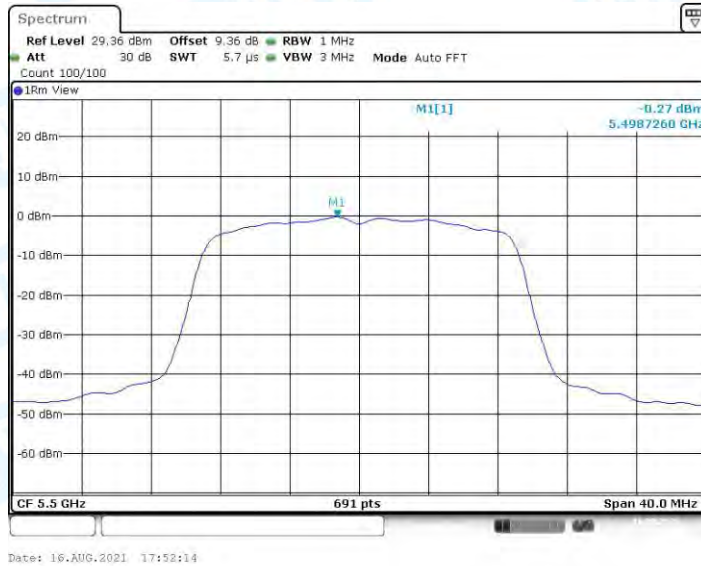
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11AC20MIMO_Ant1_5500



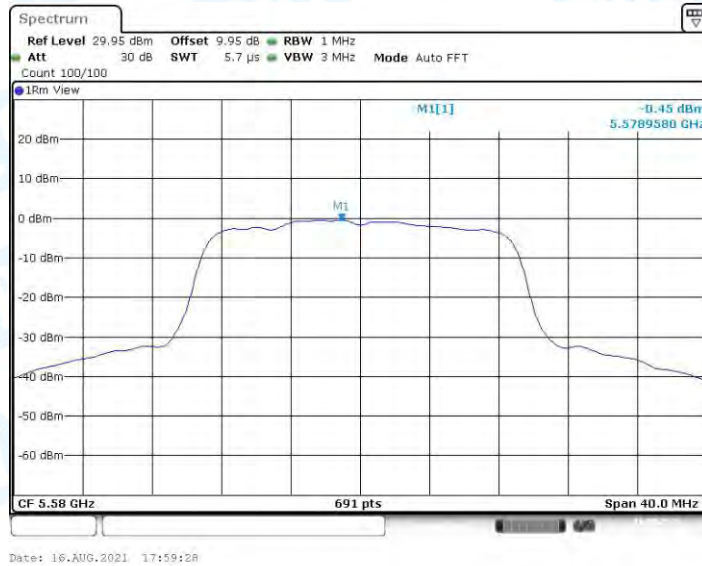
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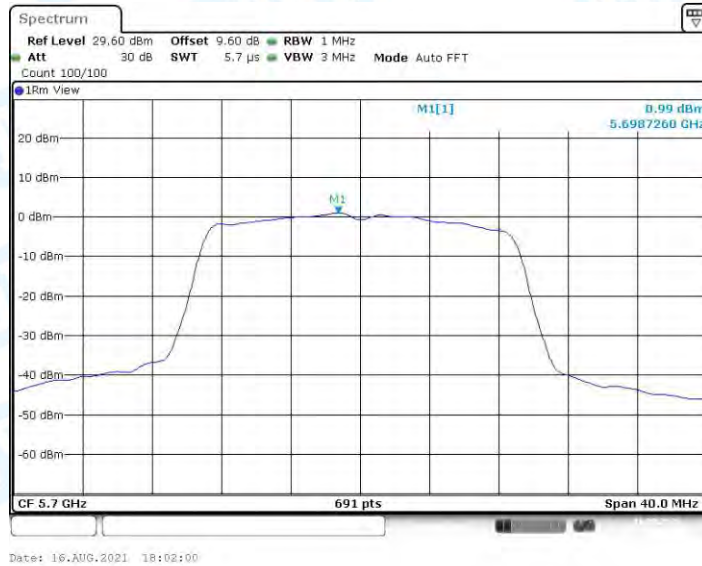
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11AC20MIMO_Ant2_5580



11AC20MIMO_Ant1_5700



11AC20MIMO_Ant2_5700



11AC20MIMO_Ant1_5745



11AC20MIMO_Ant2_5745



11AC20MIMO_Ant1_5785



11AC20MIMO_Ant2_5785