



5.5 Appendix E: POWER SPECTRAL DENSITY MEASUREMENT

5.5.1 Test Result

TestMode	Antenna	Frequency[MHz]	PSD [dBm/MHz]	PSD Limit[dBm/MHz]	EIRP.PSD [dBm/MHz]	EIRP.PSD Limit[dBm/MHz]	Verdict
11A	Ant1	5180	4.47	11	9.77	10	PASS
	Ant2	5180	3.24	11	8.54	10	PASS
	Ant1	5200	3.95	11	9.25	10	PASS
	Ant2	5200	3.61	11	8.91	10	PASS
	Ant1	5240	4.35	11	9.65	10	PASS
	Ant2	5240	3.65	11	8.95	10	PASS
11N20MIMO	Ant1	5180	-0.85	8.69	4.45	7.69	PASS
	Ant2	5180	-1.18	8.69	4.12	7.69	PASS
	total	5180	2	8.69	7.3	7.69	PASS
	Ant1	5200	-0.73	8.69	4.57	7.69	PASS
	Ant2	5200	-0.99	8.69	4.31	7.69	PASS
	total	5200	2.15	8.69	7.45	7.69	PASS
	Ant1	5240	-0.92	8.69	4.38	7.69	PASS
	Ant2	5240	-1.19	8.69	4.11	7.69	PASS
	total	5240	1.96	8.69	7.26	7.69	PASS
11N40MIMO	Ant1	5190	-2.14	8.69	3.16	7.69	PASS
	Ant2	5190	-2.28	8.69	3.02	7.69	PASS
	total	5190	0.8	8.69	6.1	7.69	PASS
	Ant1	5230	-2.64	8.69	2.66	7.69	PASS
	Ant2	5230	-2.2	8.69	3.1	7.69	PASS
	total	5230	0.6	8.69	5.9	7.69	PASS
11AC80MIMO	Ant1	5210	-7.03	8.69	-1.73	7.69	PASS
	Ant2	5210	-6.72	8.69	-1.42	7.69	PASS
	total	5210	-3.86	8.69	1.44	7.69	PASS
11AX80MIMO	Ant1	5210	-8.16	8.69	-2.86	7.69	PASS
	Ant2	5210	-7.54	8.69	-2.24	7.69	PASS
	total	5210	-4.83	8.69	0.47	7.69	PASS



TestMode	Antenna	Frequency[MHz]	PSD [dBm/MHz]	PSD Limit[dBm/MHz]	Verdict
11A	Ant1	5180	4.47	8.69	PASS
	Ant2	5180	3.24	8.69	PASS
	Ant1	5200	3.95	8.69	PASS
	Ant2	5200	3.61	8.69	PASS
	Ant1	5240	4.35	8.69	PASS
	Ant2	5240	3.65	8.69	PASS
	Ant1	5260	4.74	9.59	PASS
	Ant2	5260	4.68	9.59	PASS
	Ant1	5280	4.66	9.59	PASS
	Ant2	5280	4.59	9.59	PASS
	Ant1	5320	5.34	9.59	PASS
	Ant2	5320	4.85	9.59	PASS
	Ant1	5500	4.97	11.00	PASS
	Ant2	5500	3.17	11.00	PASS
	Ant1	5600	4.29	11.00	PASS
	Ant2	5600	4.50	11.00	PASS
	Ant1	5700	4.05	11.00	PASS
	Ant2	5700	1.26	11.00	PASS
	Ant1	5720_UNII-2C	4.67	11.00	PASS
	Ant2	5720_UNII-2C	0.38	11.00	PASS
	Ant1	5720_UNII-3	0.09	11.00	PASS
	Ant2	5720_UNII-3	-4.17	11.00	PASS
	Ant1	5745	0.44	29.79	PASS
	Ant2	5745	-1.96	29.79	PASS
	Ant1	5785	0.10	29.79	PASS
	Ant2	5785	-1.59	29.79	PASS
	Ant1	5825	-0.47	29.79	PASS
	Ant2	5825	-1.50	29.79	PASS
11N20MIMO	Ant1	5180	-0.85	29.79	PASS
	Ant2	5180	-1.18	8.69	PASS
	total	5180	2.00	8.69	PASS
	Ant1	5200	-0.73	8.69	PASS
	Ant2	5200	-0.99	8.69	PASS
	total	5200	2.15	8.69	PASS
	Ant1	5240	-0.92	8.69	PASS
	Ant2	5240	-1.19	8.69	PASS
	total	5240	1.96	8.69	PASS
	Ant1	5260	4.68	9.59	PASS
	Ant2	5260	4.11	9.59	PASS
	total	5260	7.41	9.59	PASS
	Ant1	5280	3.98	9.59	PASS
	Ant2	5280	3.98	9.59	PASS
	total	5280	6.99	9.59	PASS
	Ant1	5320	0.98	9.59	PASS
	Ant2	5320	1.07	9.59	PASS
	total	5320	4.04	9.59	PASS
	Ant1	5500	1.97	11.00	PASS
	Ant2	5500	0.31	11.00	PASS
	total	5500	4.23	11.00	PASS
	Ant1	5600	1.16	11.00	PASS
	Ant2	5600	1.96	11.00	PASS



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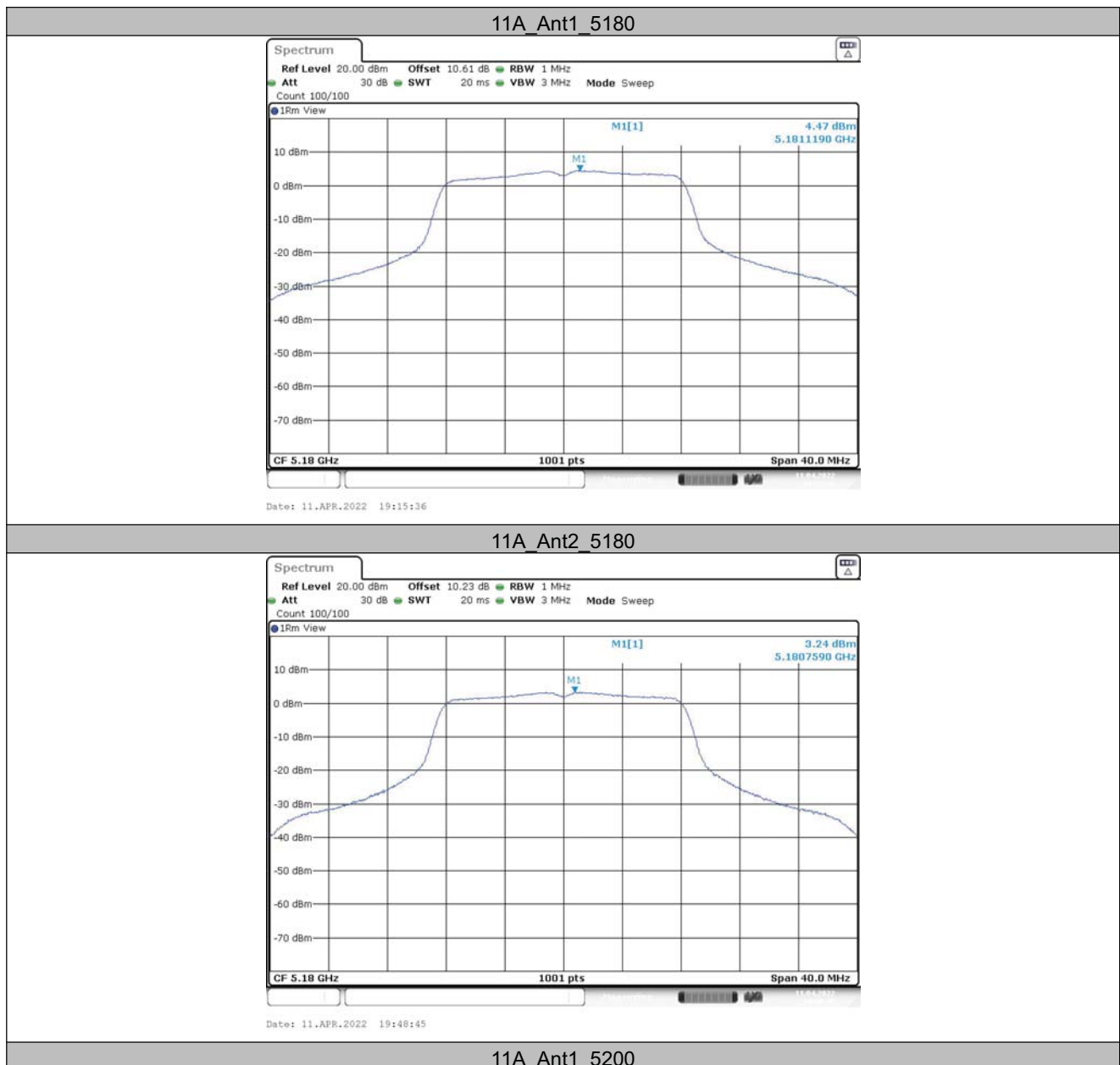
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	Ant1	5720_UNII-2C	0.83	11.00	PASS
	Ant2	5720_UNII-2C	-2.39	11.00	PASS
	total	5720_UNII-2C	2.52	11.00	PASS
	Ant1	5720_UNII-3	-3.65	11.00	PASS
	Ant2	5720_UNII-3	-6.81	11.00	PASS
	total	5720_UNII-3	-1.94	11.00	PASS
	Ant1	5745	-2.58	29.79	PASS
	Ant2	5745	-4.66	29.79	PASS
	total	5745	-0.49	29.79	PASS
	Ant1	5785	-3.03	29.79	PASS
	Ant2	5785	-4.64	29.79	PASS
	total	5785	-0.75	29.79	PASS
	Ant1	5825	-3.51	29.79	PASS
	Ant2	5825	-4.82	29.79	PASS
	total	5825	-1.11	29.79	PASS
11N40MIMO	Ant1	5190	-2.14	8.69	PASS
	Ant2	5190	-2.28	8.69	PASS
	total	5190	0.80	8.69	PASS
	Ant1	5230	-2.64	8.69	PASS
	Ant2	5230	-2.20	8.69	PASS
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	Ant2	5270	-2.65	9.59	PASS
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	Ant1	5310	-2.42	9.59	PASS
	Ant2	5310	-2.56	9.59	PASS
	total	5310	0.52	9.59	PASS
	Ant1	5510	-1.65	11.00	PASS
	Ant2	5510	-3.28	11.00	PASS
	total	5510	0.62	11.00	PASS
	Ant1	5630	-1.34	11.00	PASS
	Ant2	5630	-0.01	11.00	PASS
	total	5630	2.39	11.00	PASS
	Ant1	5670	-2.16	11.00	PASS
	Ant2	5670	-4.59	11.00	PASS
	total	5670	-0.20	11.00	PASS
	Ant1	5710_UNII-2C	-2.48	11.00	PASS
	Ant2	5710_UNII-2C	-5.31	11.00	PASS
	total	5710_UNII-2C	-0.66	11.00	PASS
	Ant1	5710_UNII-3	-10.02	11.00	PASS
	Ant2	5710_UNII-3	-13.12	11.00	PASS
	total	5710_UNII-3	-8.29	11.00	PASS
	Ant1	5755	-5.52	29.79	PASS
	Ant2	5755	-7.53	29.79	PASS
	total	5755	-3.40	29.79	PASS
	Ant1	5795	-6.28	29.79	PASS
	Ant2	5795	-7.69	29.79	PASS
	total	5795	-3.92	29.79	PASS
11AC80MIMO	Ant1	5210	-7.03	8.69	PASS
	Ant2	5210	-6.72	8.69	PASS



	total	5210	-3.86	8.69	PASS
	Ant1	5290	-5.55	9.59	PASS
	Ant2	5290	-6.77	9.59	PASS
	total	5290	-3.11	9.59	PASS
	Ant1	5530	-5.88	11.00	PASS
	Ant2	5530	-6.38	11.00	PASS
	total	5530	-3.11	11.00	PASS
	Ant1	5610	-6.41	11.00	PASS
	Ant2	5610	-6.05	11.00	PASS
	total	5610	-3.22	11.00	PASS
	Ant1	5690_UNII-2C	-6.33	11.00	PASS
	Ant2	5690_UNII-2C	-9.18	11.00	PASS
	total	5690_UNII-2C	-4.51	11.00	PASS
	Ant1	5690_UNII-3	-13.74	11.00	PASS
	Ant2	5690_UNII-3	-16.63	11.00	PASS
	total	5690_UNII-3	-11.94	11.00	PASS
	Ant1	5775	-9.95	29.79	PASS
	Ant2	5775	-11.93	29.79	PASS
	total	5775	-7.82	29.79	PASS
11AX80MIMO	Ant1	5210	-8.16	8.69	PASS
	Ant2	5210	-7.54	8.69	PASS
	total	5210	-4.83	8.69	PASS
	Ant1	5290	-7.26	9.59	PASS
	Ant2	5290	-8.41	9.59	PASS
	total	5290	-4.79	9.59	PASS
	Ant1	5530	-6.8	11.00	PASS
	Ant2	5530	-7.31	11.00	PASS
	total	5530	-4.04	11.00	PASS
	Ant1	5610	-7.16	11.00	PASS
	Ant2	5610	-7.01	11.00	PASS
	total	5610	-4.07	11.00	PASS
	Ant1	5690_UNII-2C	-7.23	11.00	PASS
	Ant2	5690_UNII-2C	-10.03	11.00	PASS
	total	5690_UNII-2C	-5.40	11.00	PASS
	Ant1	5690_UNII-3	-14.67	11.00	PASS
	Ant2	5690_UNII-3	-17.5	11.00	PASS
	total	5690_UNII-3	-12.85	11.00	PASS
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	Ant2	5775	-12.58	29.79	PASS
	total	5775	-8.60	29.79	PASS



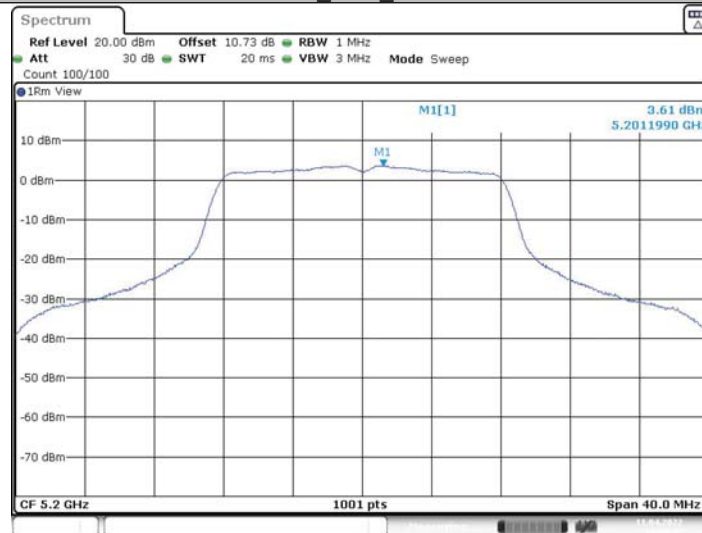
5.5.2 Test Graphs





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11A_Ant2_5200



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11A_Ant1_5240



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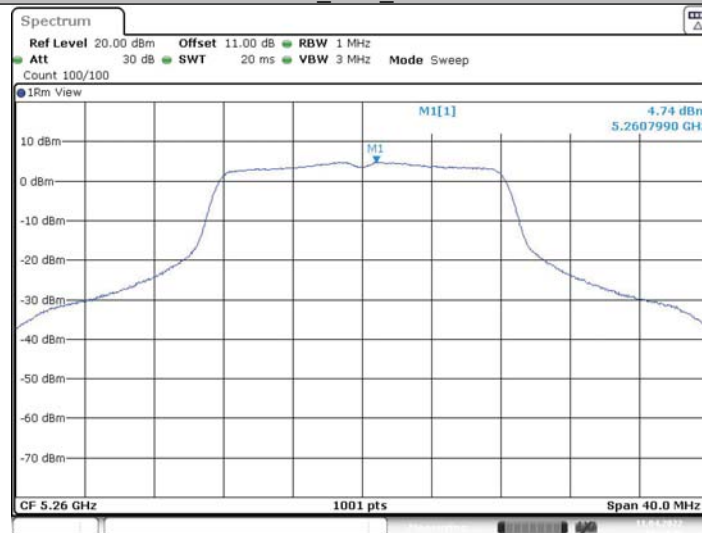


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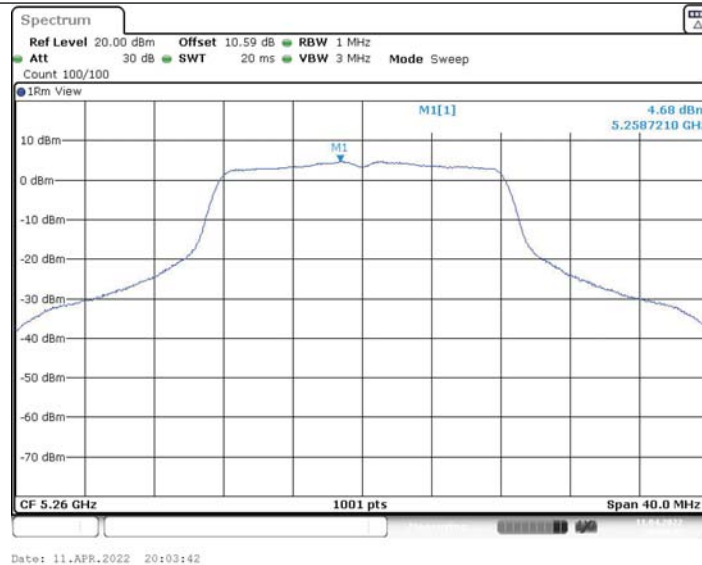
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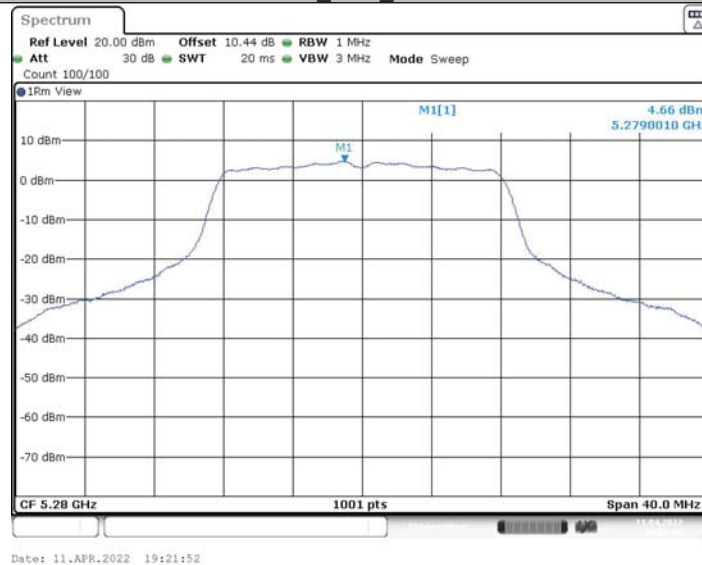


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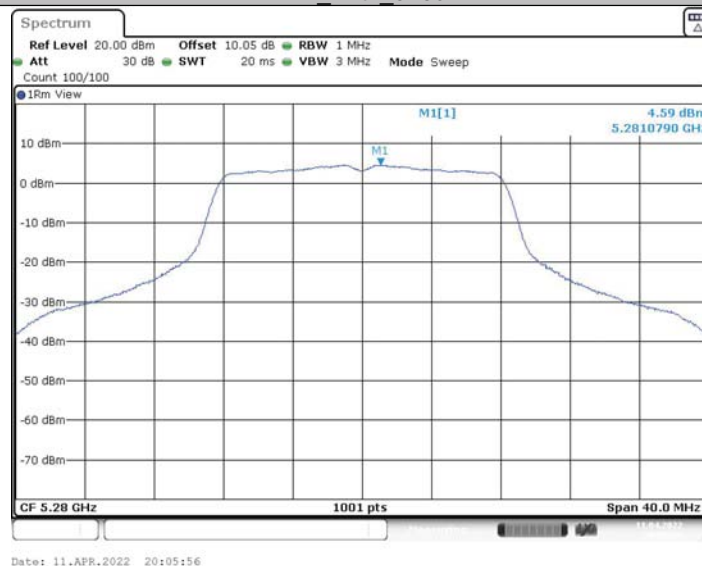
11A_Ant2_5260



11A Ant1_5280



11A Ant2_5280





11A_Ant1_5320



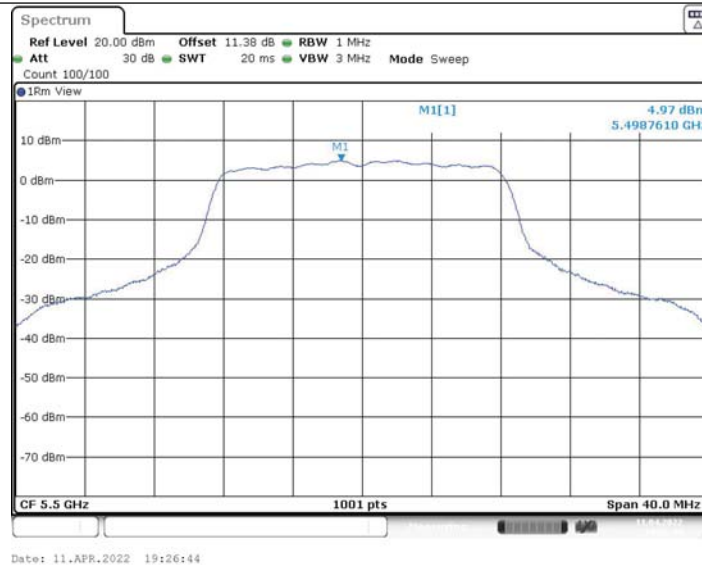
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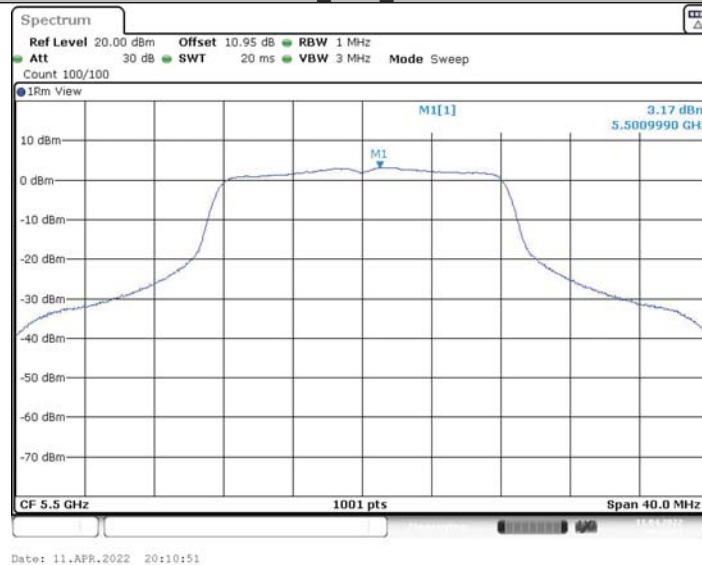


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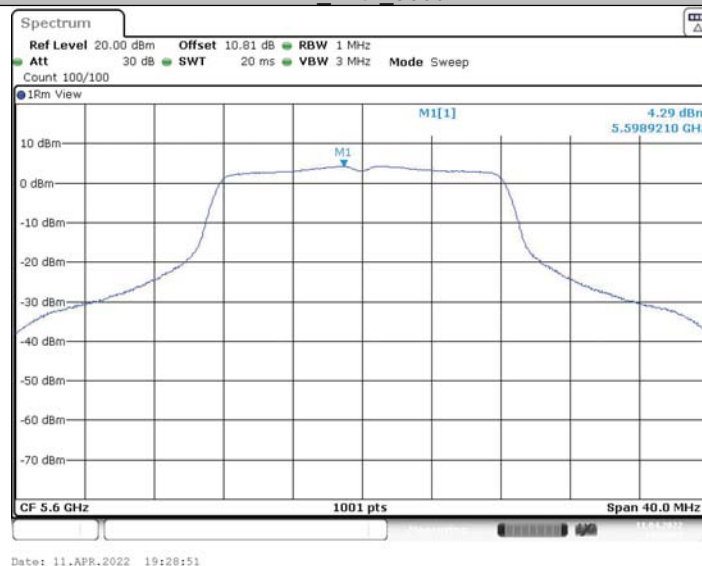
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11A Ant2_5500

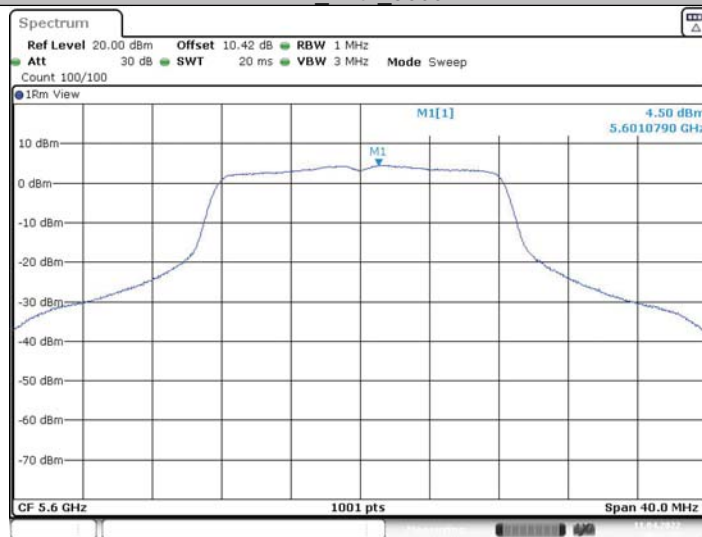


11A Ant1_5600



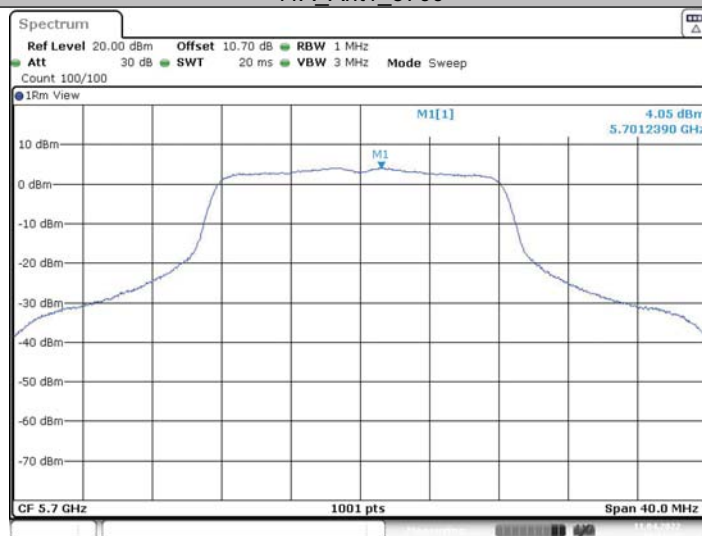


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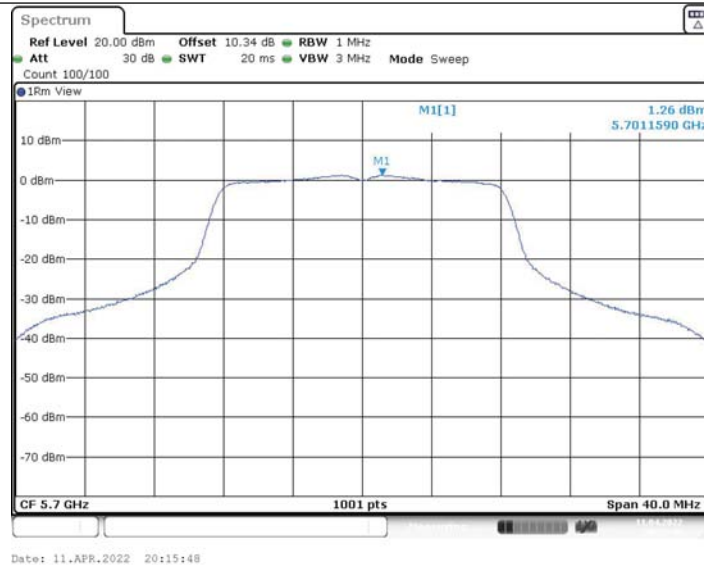
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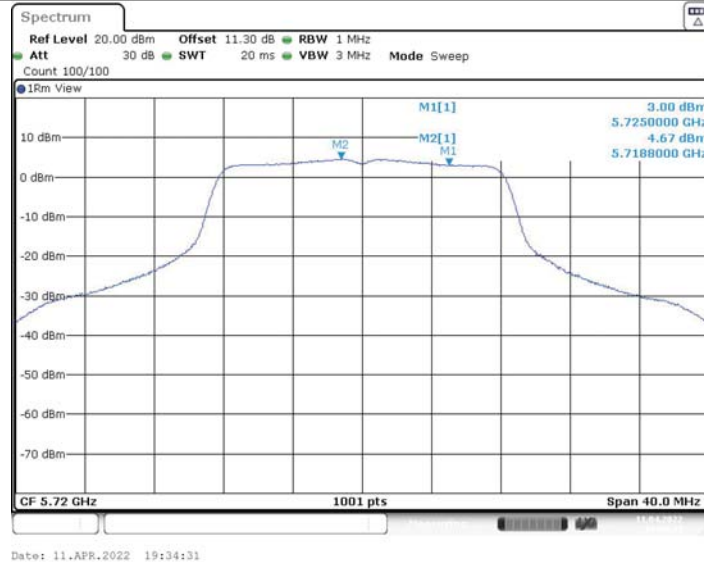


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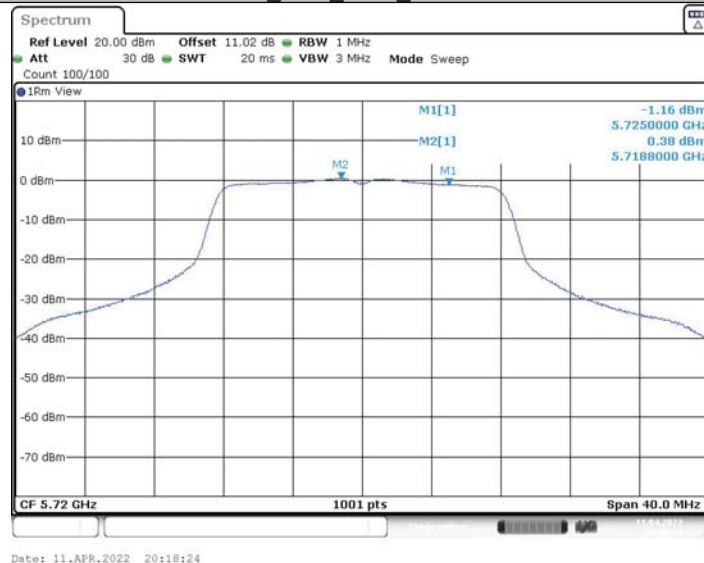
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11A Ant1 5720 UNII-2C

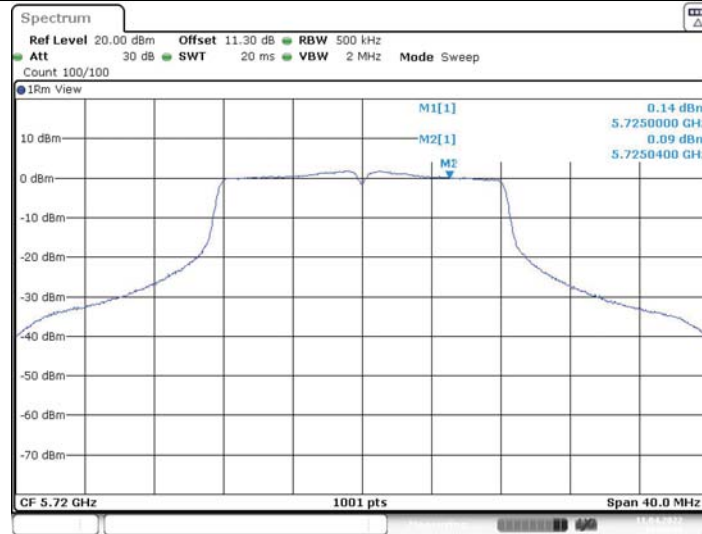


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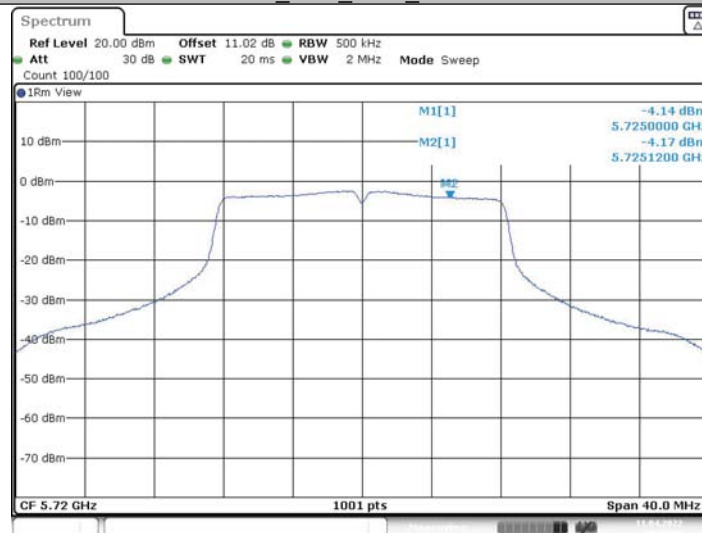


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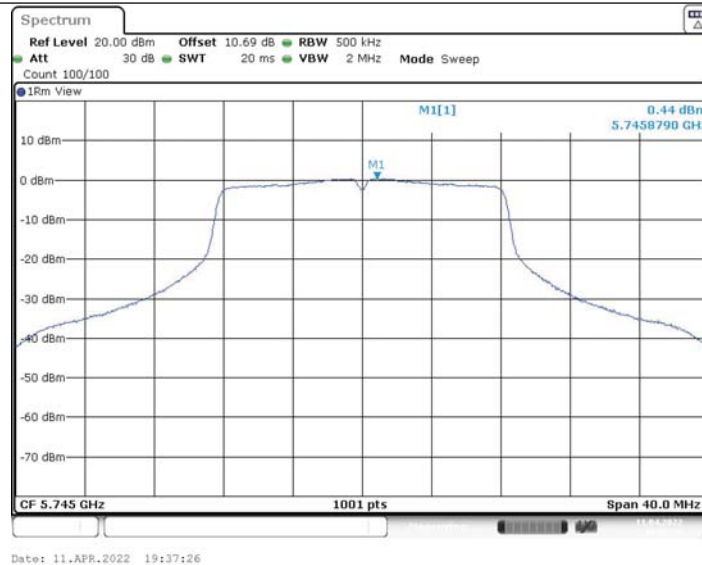
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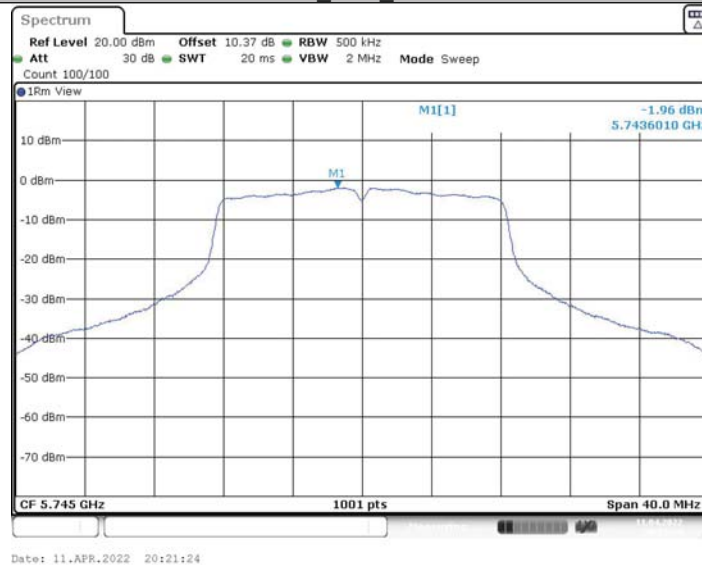


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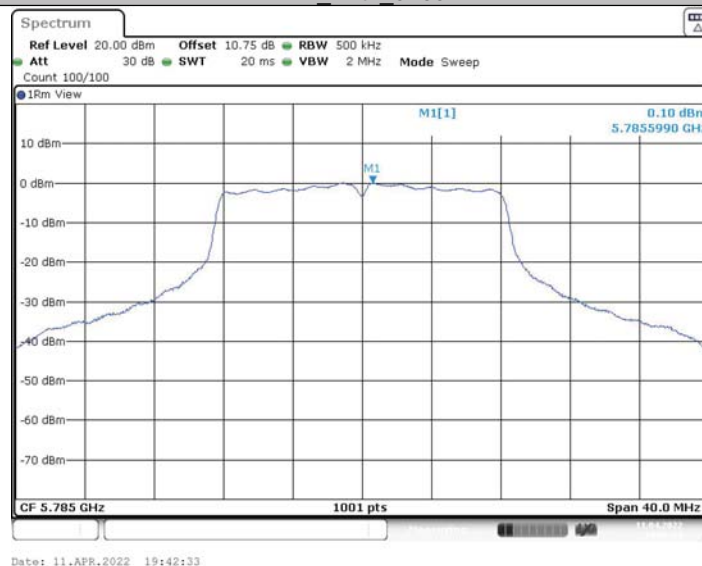
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11A Ant2_5745

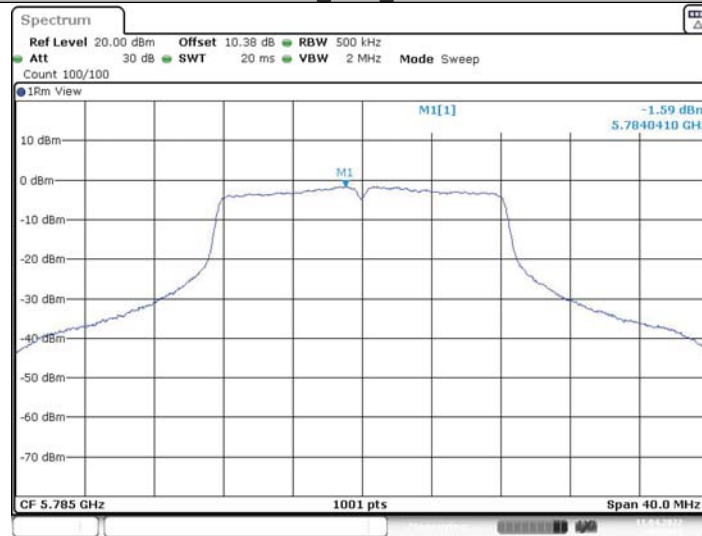


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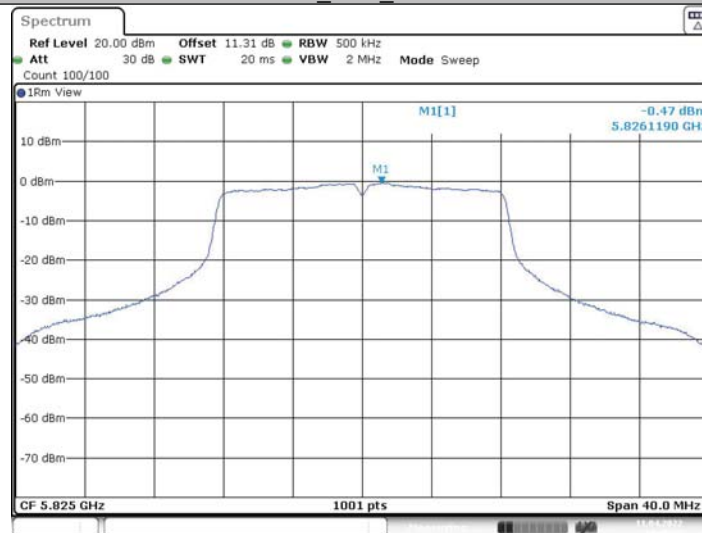


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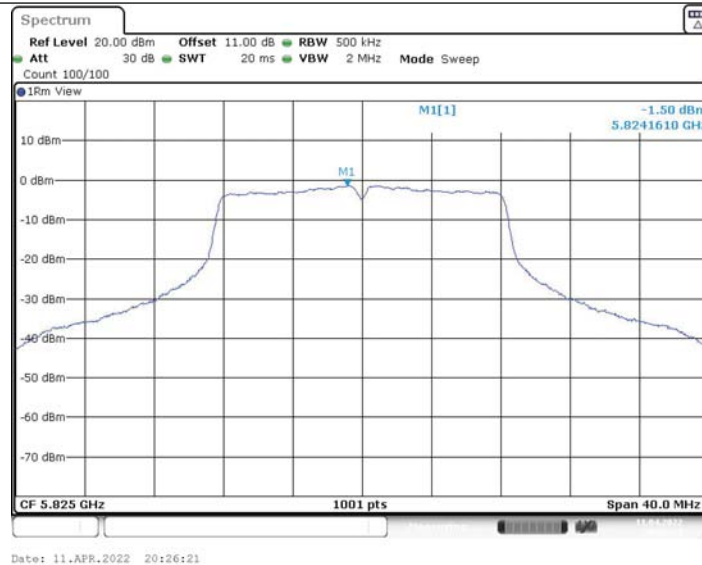
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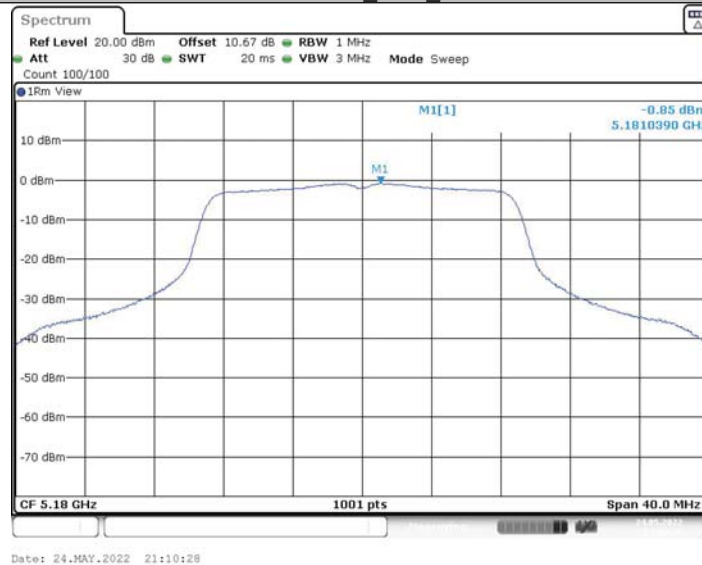


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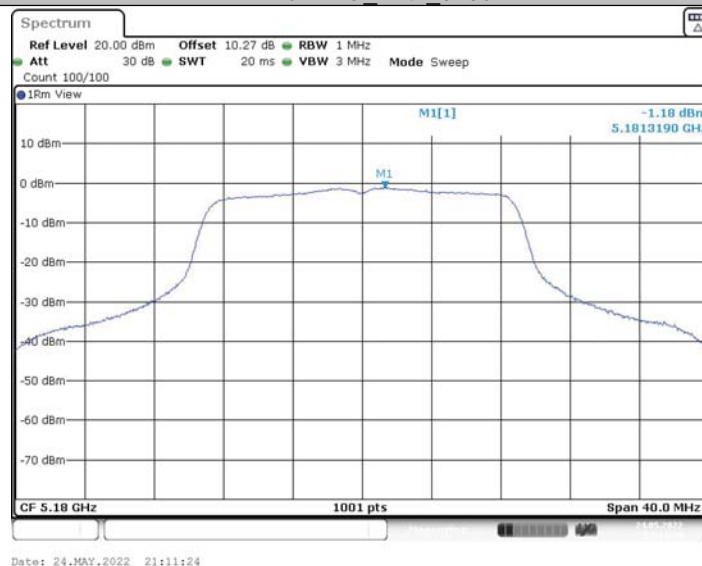
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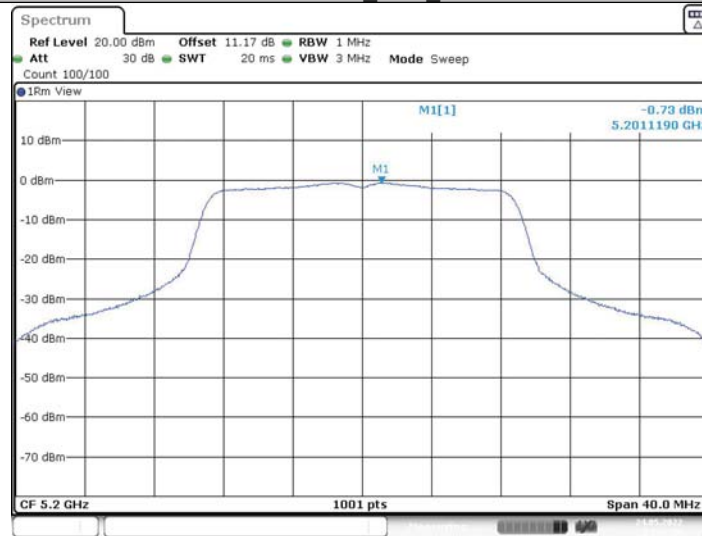


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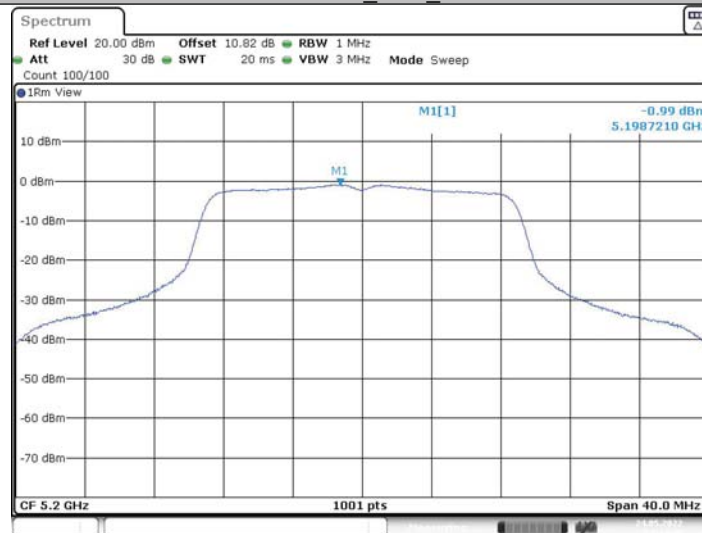


11N20MIMO_Ant1_5200



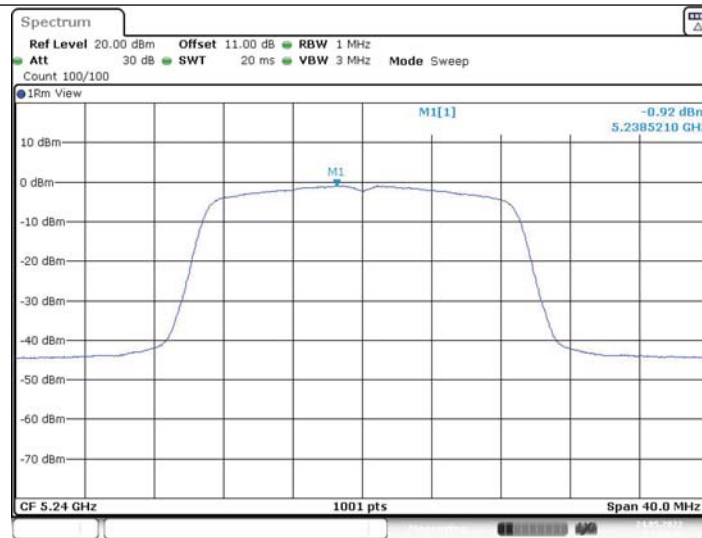
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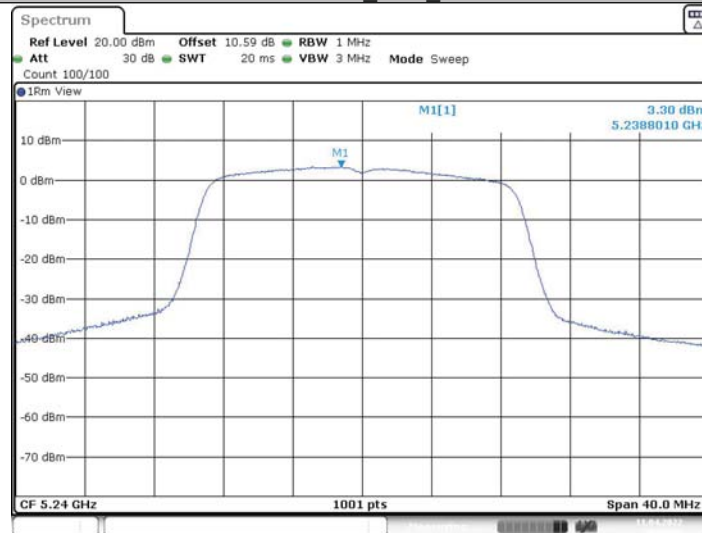
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11N20MIMO_Ant1_5240



Date: 24.MAY.2022 21:20:49

11N20MIMO_Ant2_5240



Date: 11.APR.2022 20:39:00

11N20MIMO_Ant1_5260



Date: 11.APR.2022 20:40:59

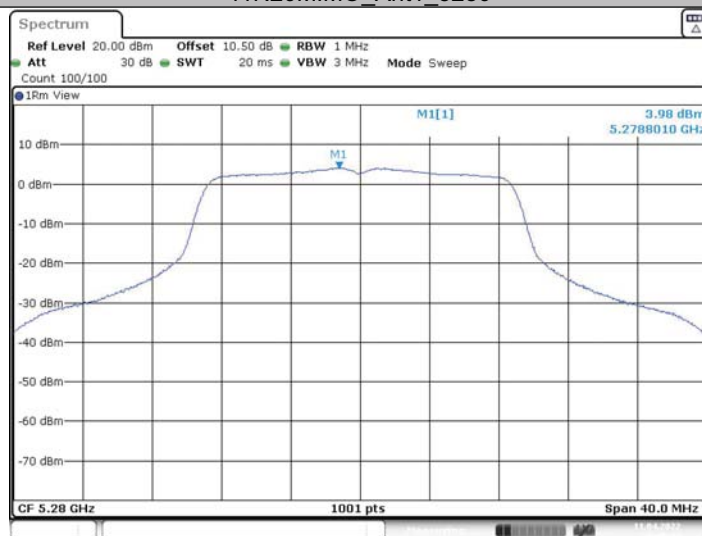


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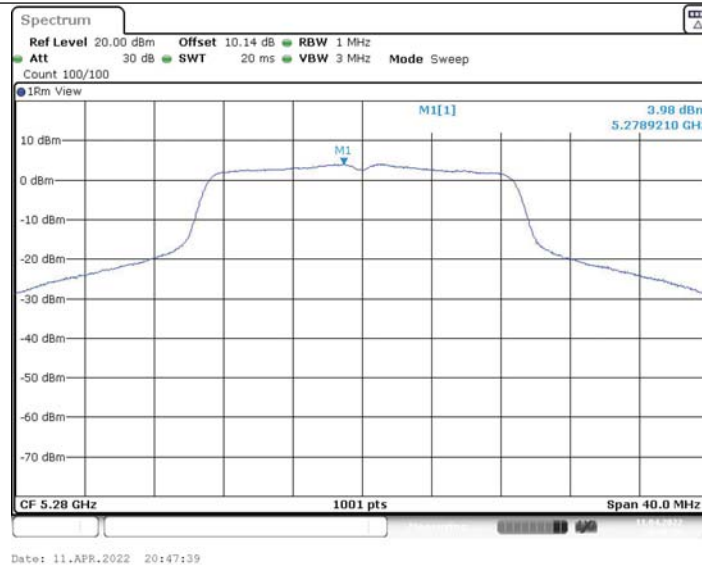
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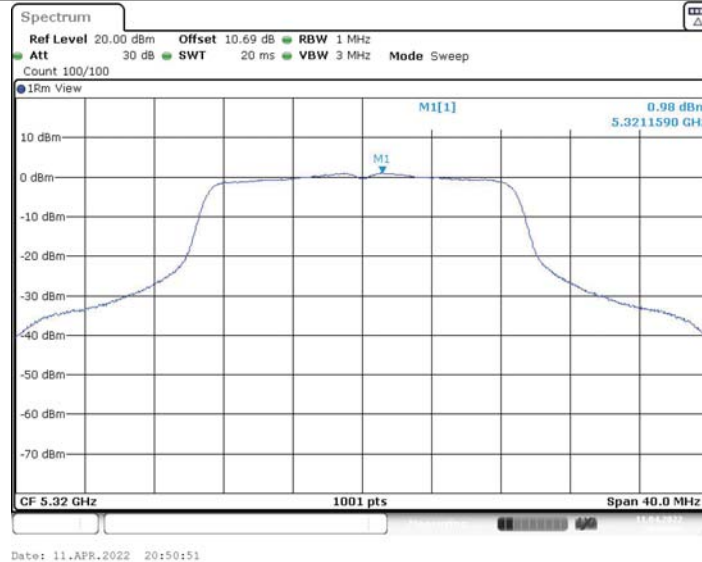


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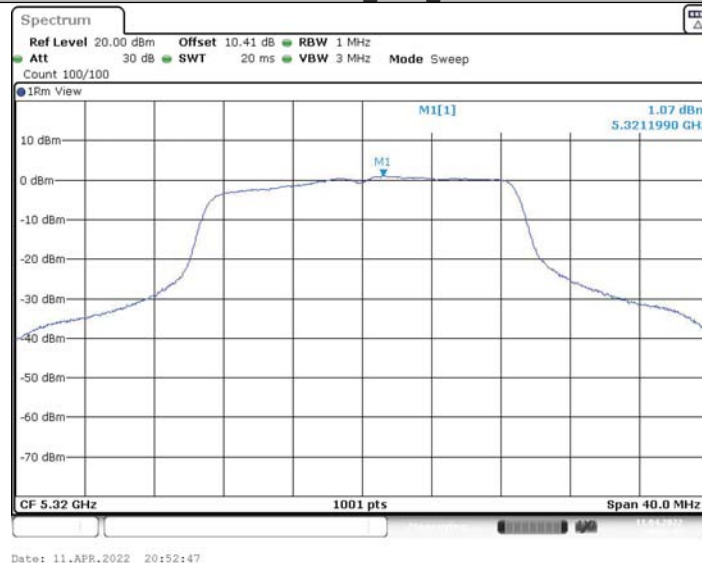
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11N20MIMO_Ant1_5320



11N20MIMO_Ant2_5320



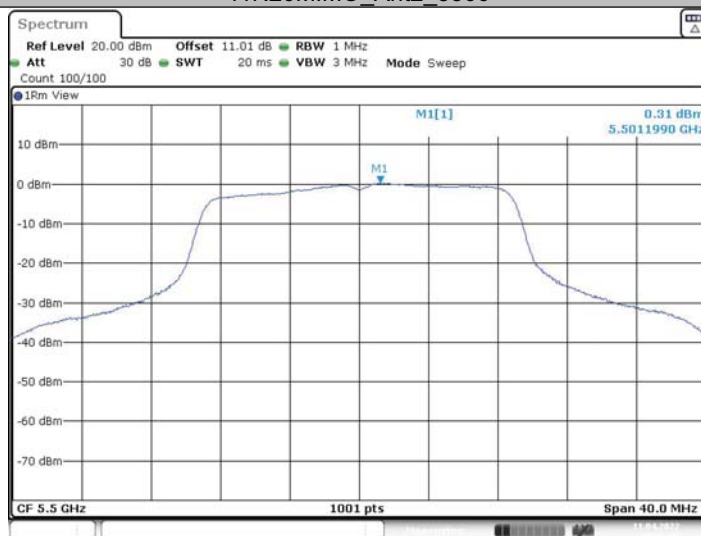


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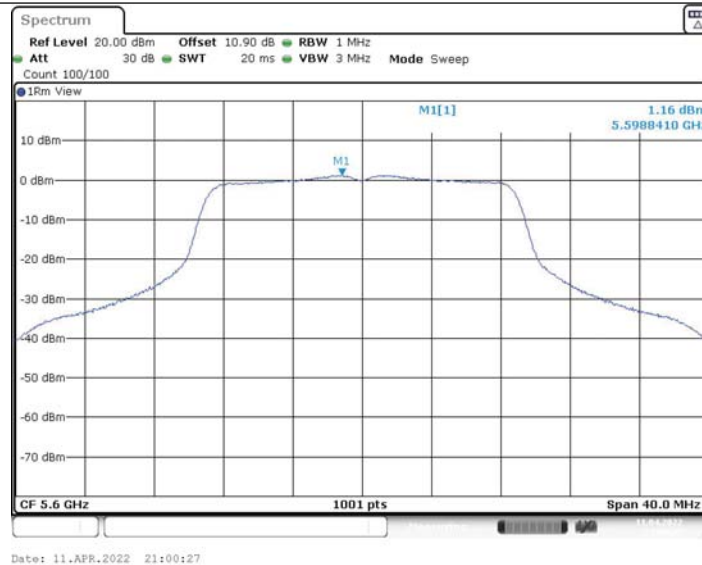
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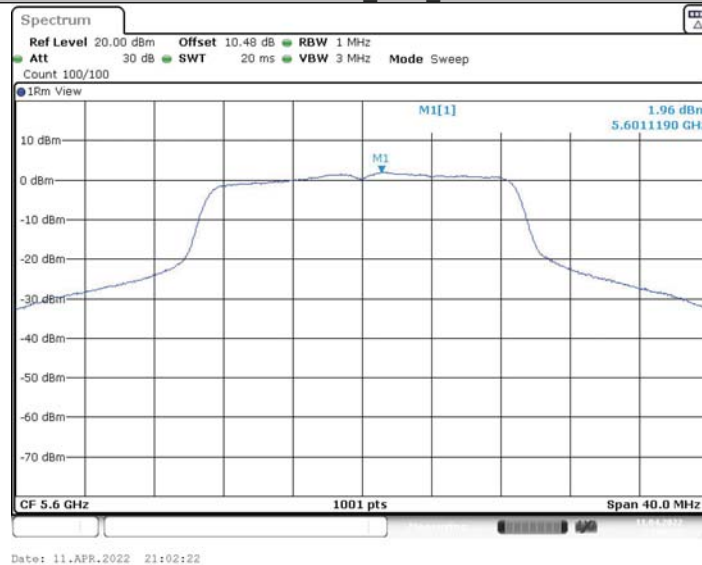


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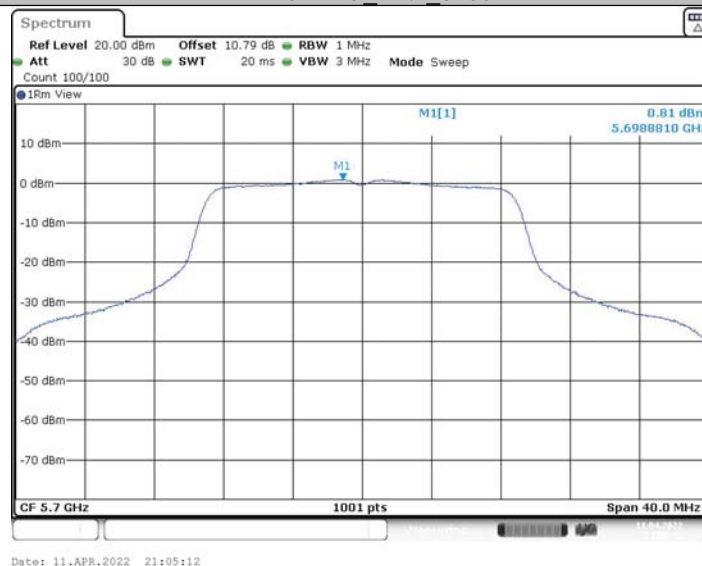
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11N20MIMO_Ant2_5600

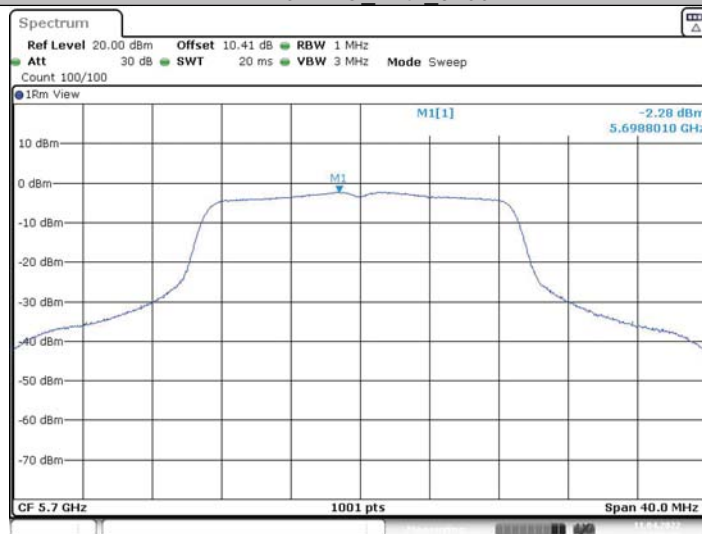


11N20MIMO_Ant1_5700



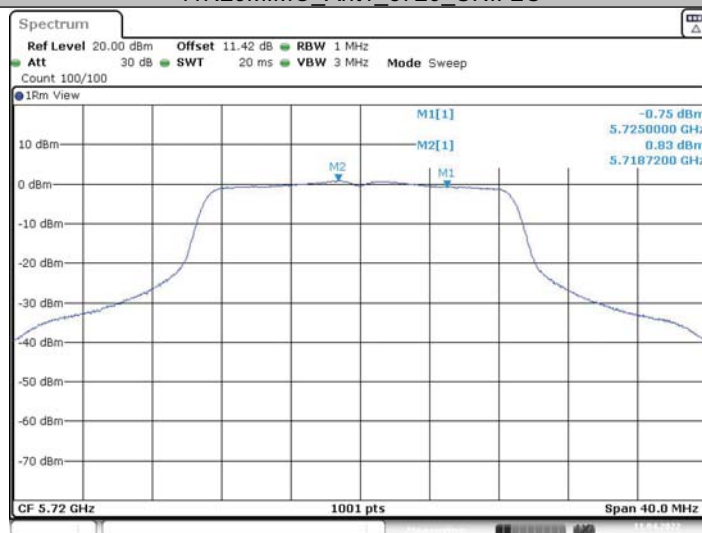


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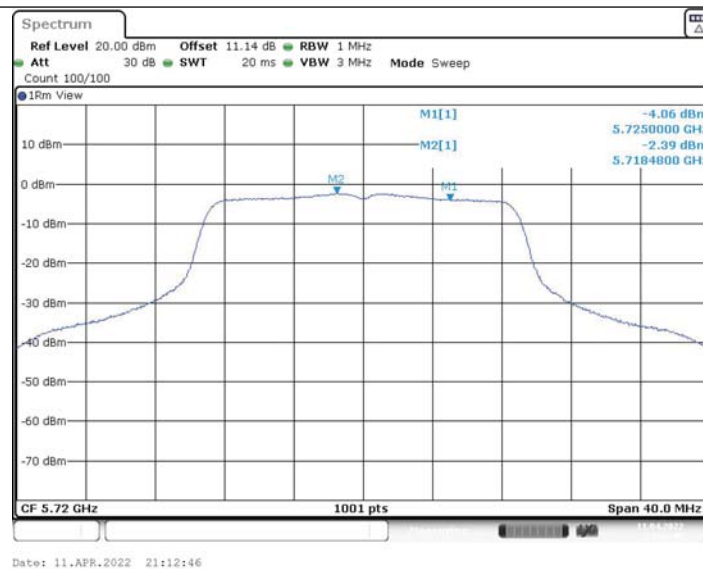
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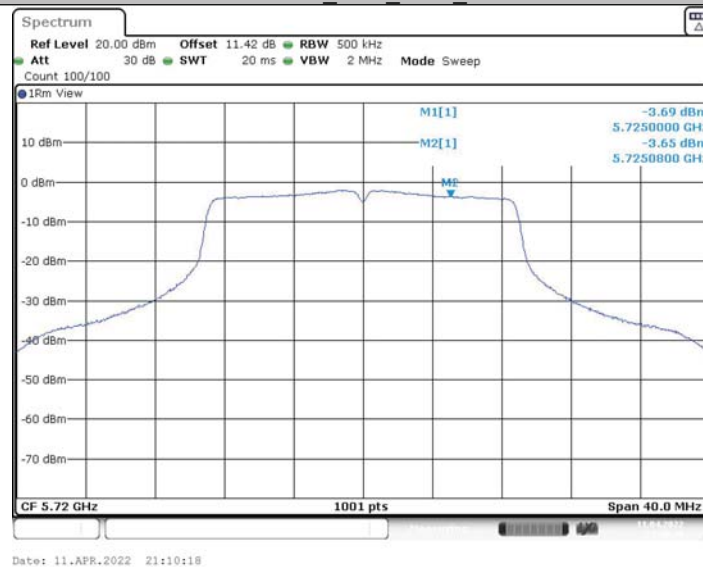


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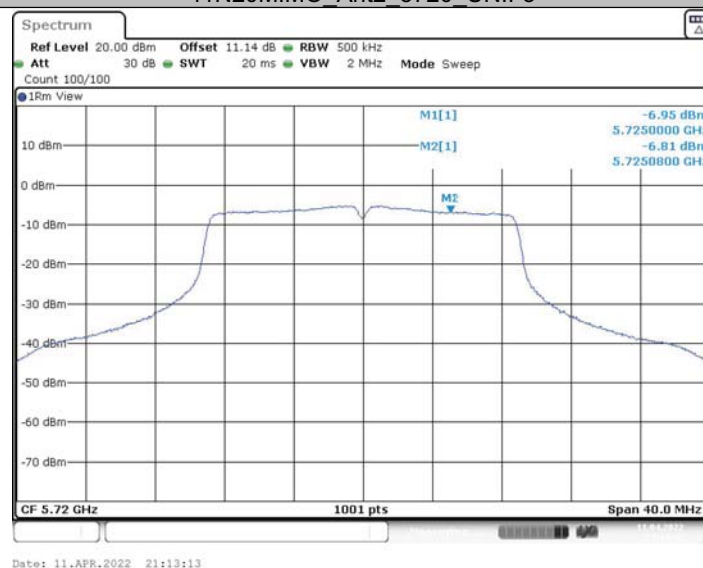
11N20MIMO_Ant2_5720_UNII-2C



11N20MIMO_Ant1_5720_UNII-3

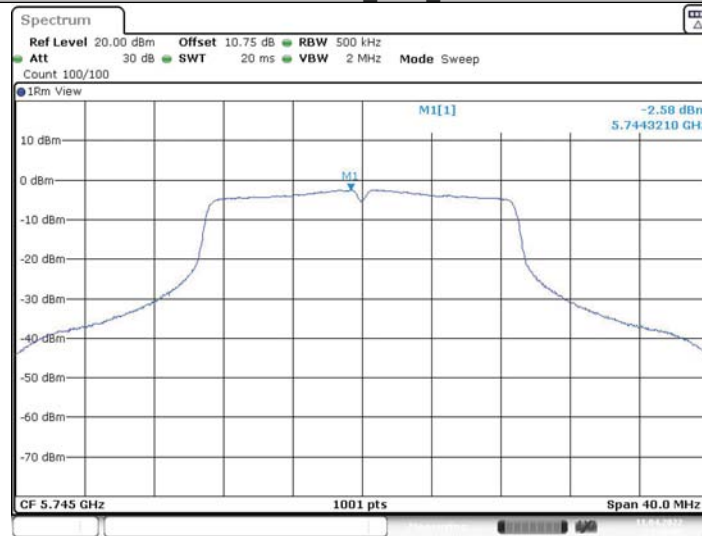


11N20MIMO_Ant2_5720_UNII-3





11N20MIMO_Ant1_5745



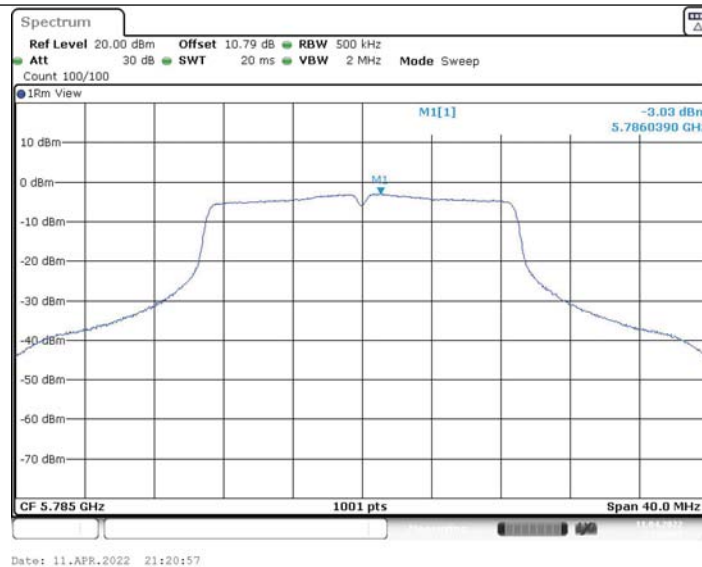
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11N20MIMO_Ant2_5745

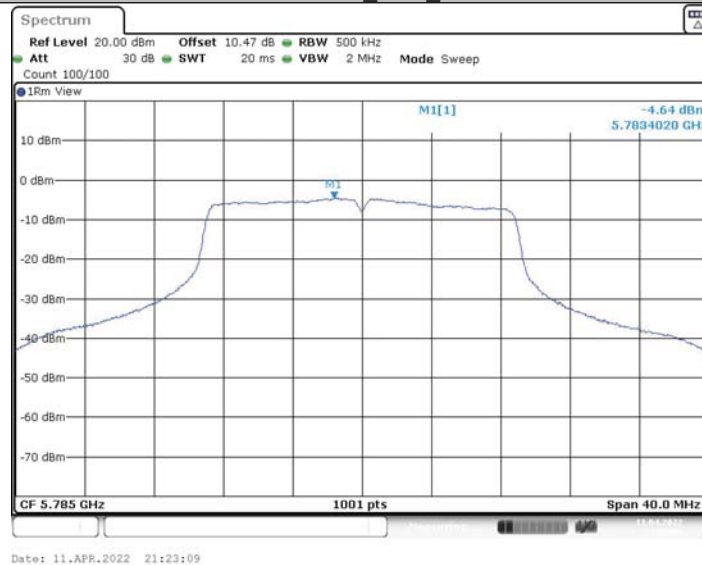


Date: 11.APR.2022 21:18:18

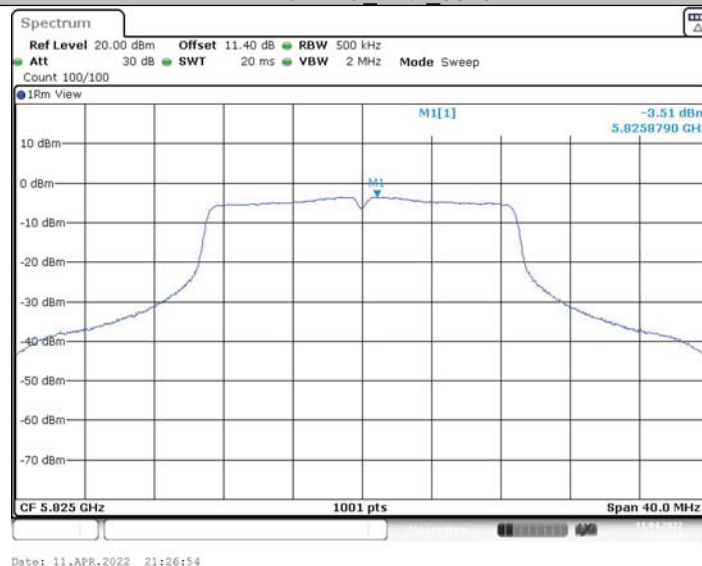
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11N20MIMO_Ant2_5785



11N20MIMO_Ant1_5825





11N20MIMO_Ant2_5825



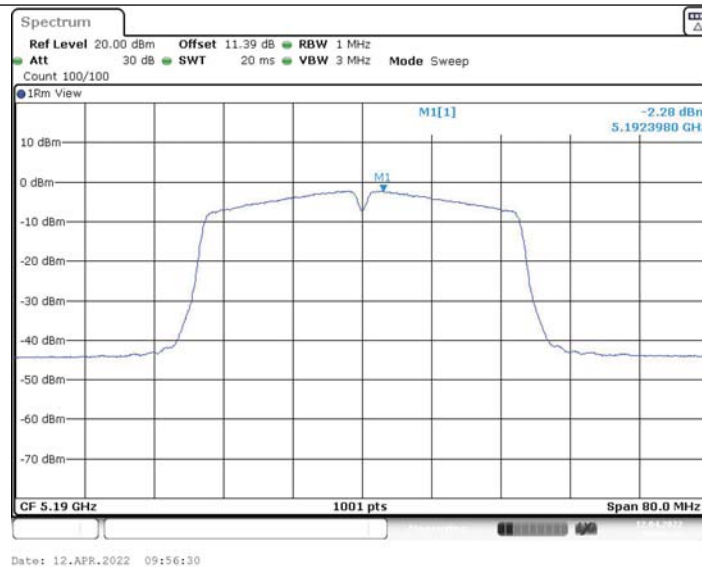
Date: 11.APR.2022 21:29:06

11N40MIMO_Ant1_5190



Date: 12.APR.2022 09:54:35

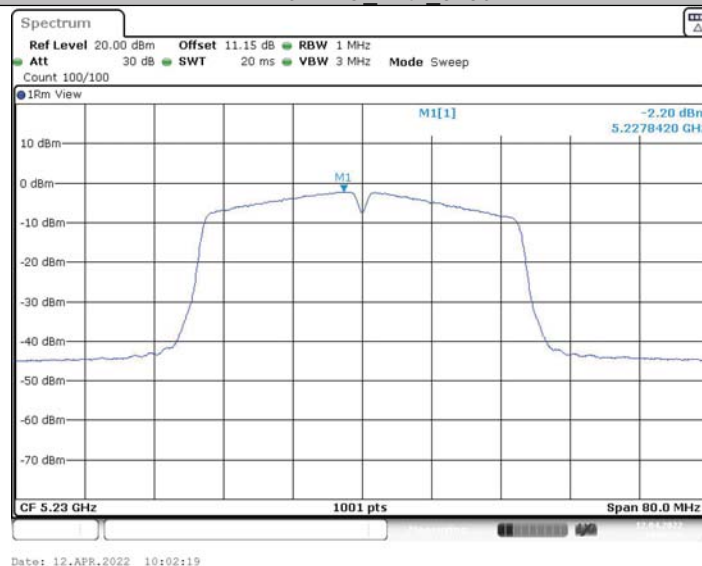
11N40MIMO_Ant2_5190



11N40MIMO_Ant1_5230



11N40MIMO_Ant2_5230





11N40MIMO_Ant1_5270



Date: 12.APR.2022 10:05:07

11N40MIMO_Ant2_5270



Date: 12.APR.2022 10:07:02

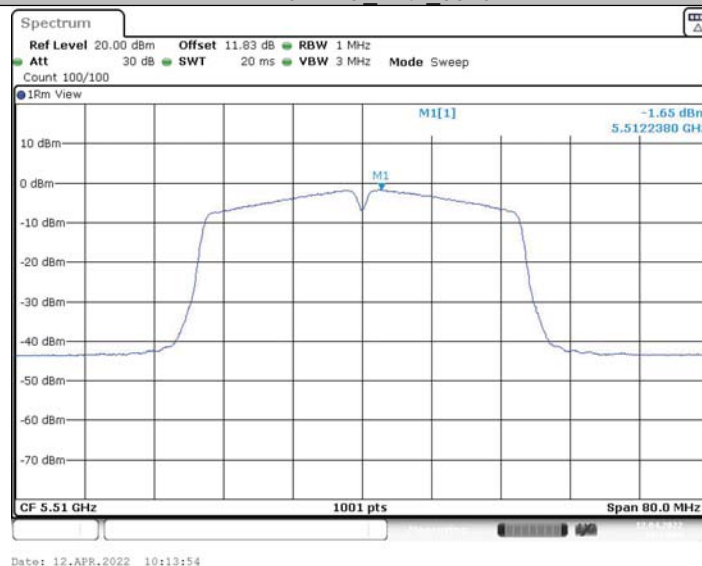
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11N40MIMO_Ant2_5310



11N40MIMO_Ant1_5510





11N40MIMO_Ant2_5510



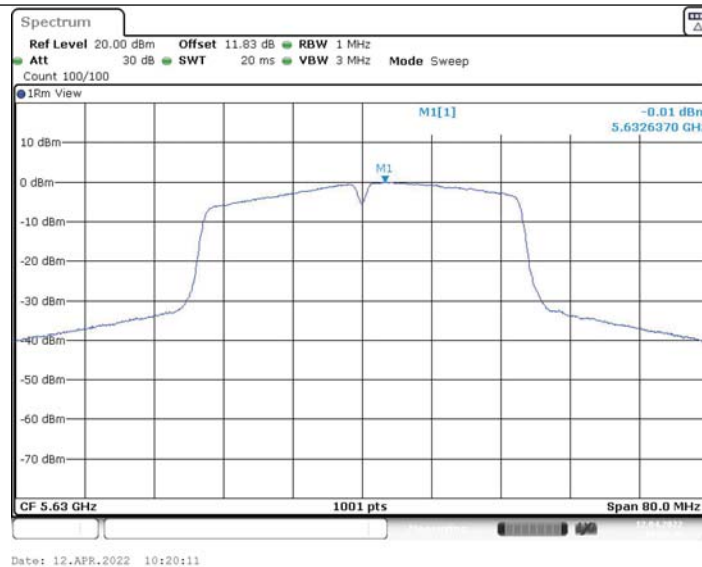
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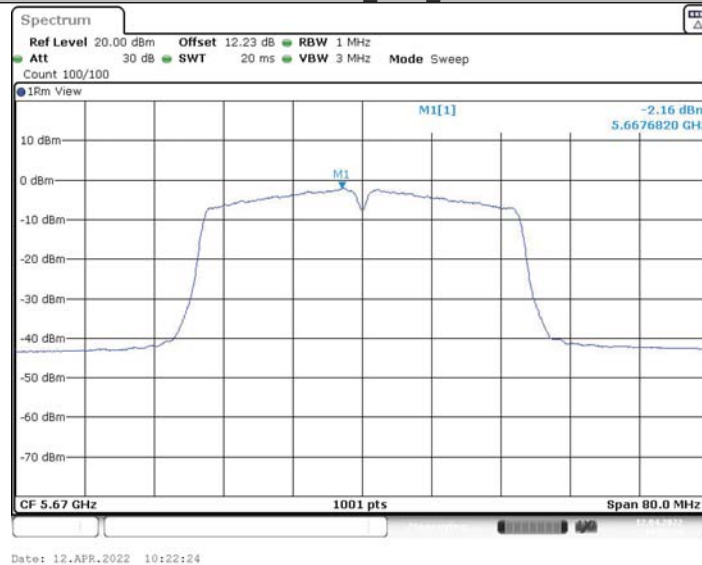


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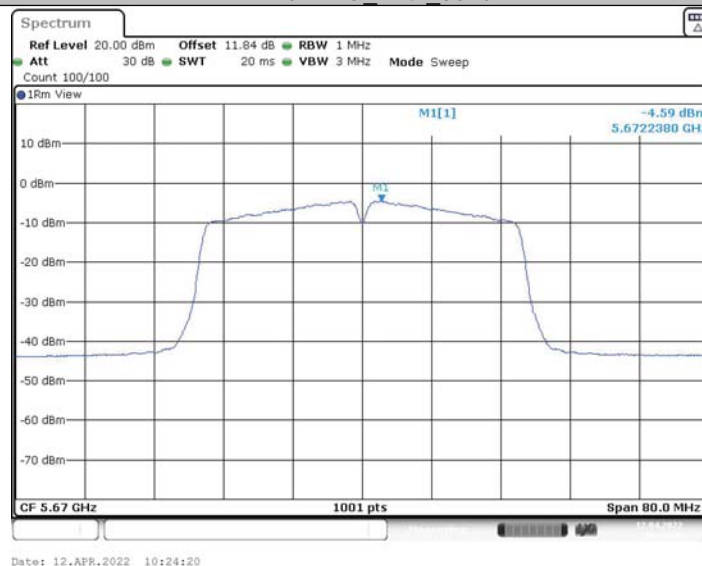
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11N40MIMO_Ant1_5670



11N40MIMO_Ant2_5670





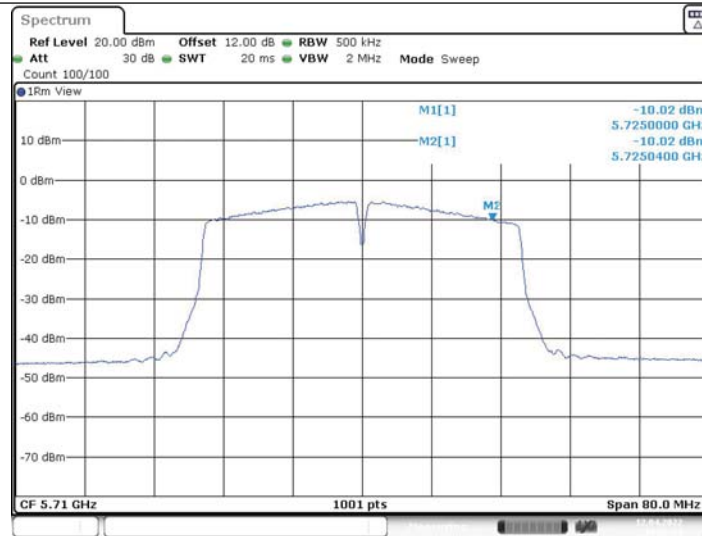
11N40MIMO_Ant1_5710_UNII-2C



11N40MIMO_Ant2_5710_UNII-2C

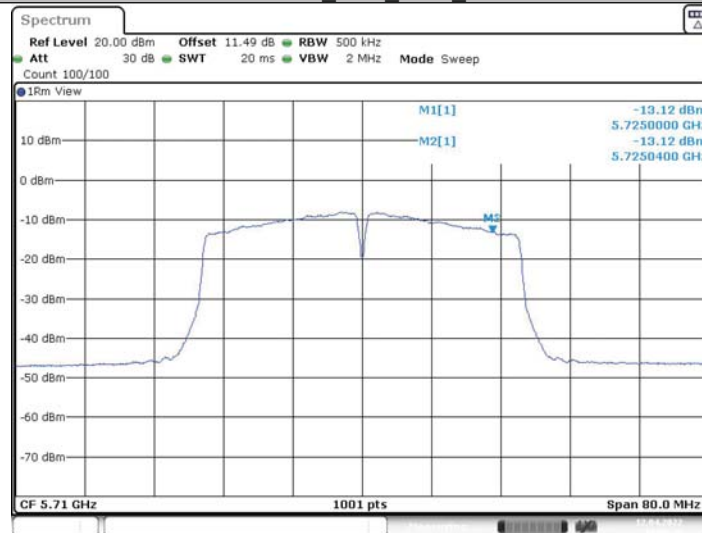


11N40MIMO_Ant1_5710_UNII-3



Date: 12.APR.2022 10:27:34

11N40MIMO_Ant2_5710_UNII-3



Date: 12.APR.2022 10:30:28

11N40MIMO_Ant1_5755



Date: 12.APR.2022 10:35:11



11N40MIMO_Ant2_5755



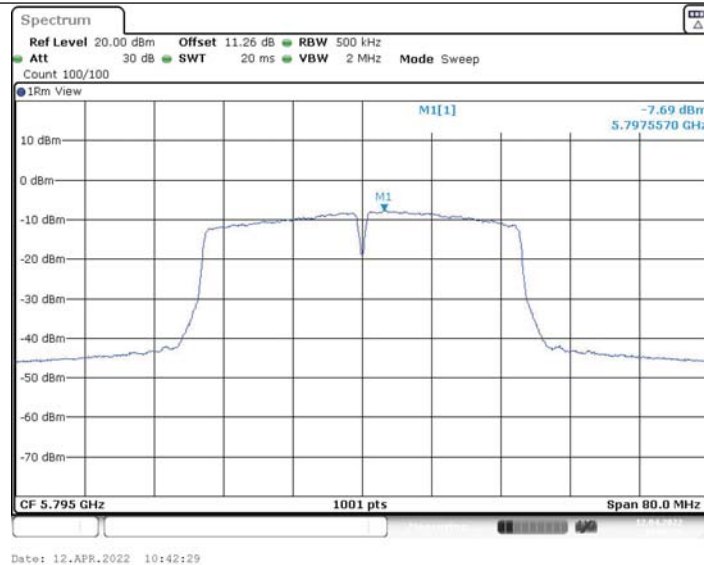
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11N40MIMO_Ant1_5795

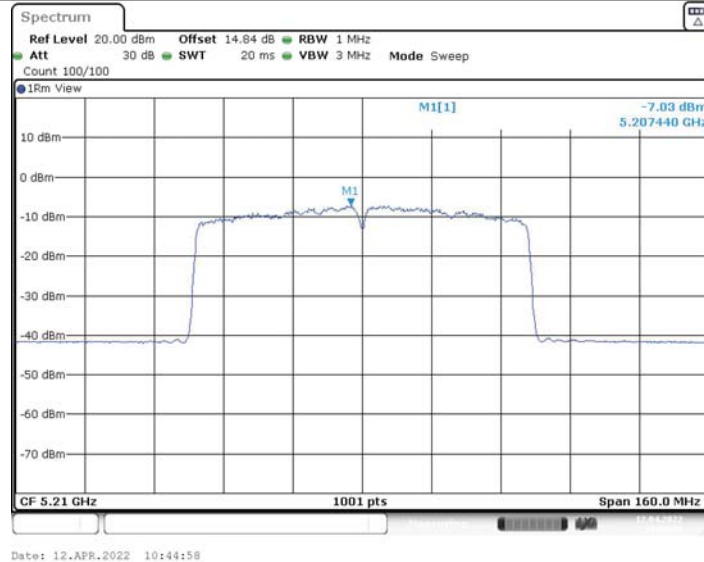


Date: 12.APR.2022 10:40:16

11N40MIMO_Ant2_5795



11AC80MIMO_Ant1_5210



11AC80MIMO_Ant2_5210

