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Appendix for 5G WIFI

FCC ID: CNFCPBN1

IC: 10193A-CPBN1

Applicant: GoPro, Inc.

**Address: 3025 Clearview Way, San Mateo, CA 94402,
USA**

Product Name: Camera

EUT Model: CPBN1

Serial Number: C34613BE17T002



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Appendix A1: Emission Bandwidth

Test Result

TestMode	Antenna	Channel	26db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5180	19.72	5170.12	5189.84	---	PASS
		5200	19.80	5190.52	5210.32	---	PASS
		5240	19.48	5230.28	5249.76	---	PASS
		5260	19.00	5250.52	5269.52	---	PASS
		5280	20.36	5269.84	5290.20	---	PASS
		5320	19.60	5310.44	5330.04	---	PASS
		5500	19.48	5489.92	5509.40	---	PASS
		5580	19.04	5570.36	5589.40	---	PASS
		5700	19.52	5690.28	5709.80	---	PASS
		5720	20.00	5709.88	5729.88	---	PASS
		5720_UNII-2C	15.12	5709.88	5725	---	PASS
		5720_UNII-3	4.88	5725	5729.88	---	PASS
		5745	19.36	5735.12	5754.48	---	PASS
		5785	18.92	5775.44	5794.36	---	PASS
		5825	18.88	5815.56	5834.44	---	PASS
11N20SISO	Ant1	5180	19.76	5170.04	5189.80	---	PASS
		5200	19.88	5190.12	5210.00	---	PASS
		5240	20.08	5229.92	5250.00	---	PASS
		5260	19.76	5250.24	5270.00	---	PASS
		5280	20.16	5269.88	5290.04	---	PASS
		5320	19.88	5310.12	5330.00	---	PASS
		5500	20.12	5489.96	5510.08	---	PASS
		5580	19.92	5570.00	5589.92	---	PASS
		5700	20.04	5690.00	5710.04	---	PASS
		5720	20.16	5709.96	5730.12	---	PASS
		5720_UNII-2C	15.04	5709.96	5725	---	PASS
		5720_UNII-3	5.12	5725	5730.12	---	PASS
		5745	19.92	5735.08	5755.00	---	PASS
		5785	19.92	5775.04	5794.96	---	PASS
		5825	19.96	5815.04	5835.00	---	PASS
11N40SISO	Ant1	5190	40.32	5170.08	5210.40	---	PASS
		5230	40.56	5209.60	5250.16	---	PASS
		5270	40.40	5249.52	5289.92	---	PASS
		5310	40.88	5289.20	5330.08	---	PASS
		5510	40.56	5489.52	5530.08	---	PASS
		5550	40.48	5529.44	5569.92	---	PASS
		5670	40.88	5649.28	5690.16	---	PASS

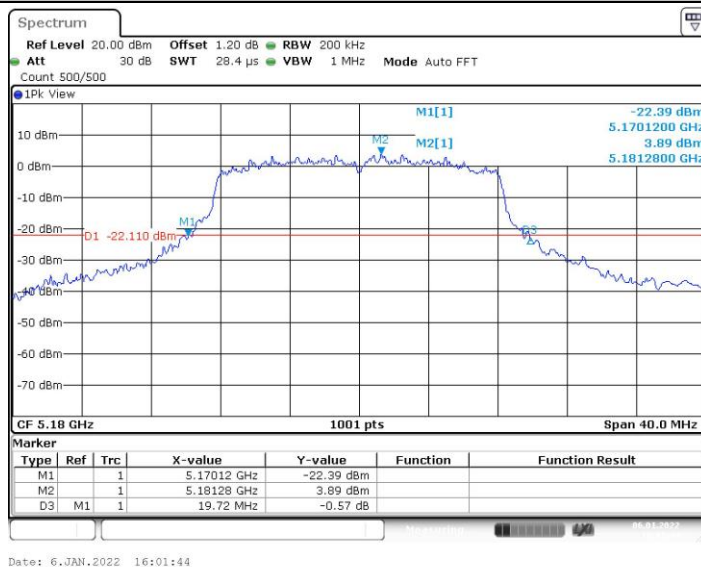


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		5710_UNII-3	5.32	5725	5730.32	---	PASS
		5755	40.88	5734.68	5775.56	---	PASS
		5795	39.84	5775.08	5814.92	---	PASS
11AC20SISO	Ant1	5180	20.24	5169.84	5190.08	---	PASS
		5200	19.88	5190.16	5210.04	---	PASS
		5240	19.84	5230.00	5249.84	---	PASS
		5260	19.80	5250.12	5269.92	---	PASS
		5280	20.52	5269.52	5290.04	---	PASS
		5320	19.76	5310.00	5329.76	---	PASS
		5500	20.08	5490.04	5510.12	---	PASS
		5580	20.16	5570.12	5590.28	---	PASS
		5700	20.00	5689.96	5709.96	---	PASS
		5720	20.08	5710.04	5730.12	---	PASS
		5720_UNII-2C	14.96	5710.04	5725	---	PASS
		5720_UNII-3	5.12	5725	5730.12	---	PASS
		5745	19.92	5735.04	5754.96	---	PASS
		5785	19.84	5775.08	5794.92	---	PASS
		5825	19.96	5814.88	5834.84	---	PASS
11AC40SISO	Ant1	5190	40.56	5169.28	5209.84	---	PASS
		5230	39.84	5210.08	5249.92	---	PASS
		5270	40.32	5249.68	5290.00	---	PASS
		5310	40.08	5289.92	5330.00	---	PASS
		5510	40.72	5489.68	5530.40	---	PASS
		5550	40.24	5530.24	5570.48	---	PASS
		5670	40.56	5650.00	5690.56	---	PASS
		5710	41.52	5688.64	5730.16	---	PASS
		5710_UNII-2C	36.36	5688.64	5725	---	PASS
		5710_UNII-3	5.16	5725	5730.16	---	PASS
		5755	39.60	5735.32	5774.92	---	PASS
		5795	39.84	5774.84	5814.68	---	PASS
11AC80SISO	Ant1	5210	83.20	5167.76	5250.96	---	PASS
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		5530	82.08	5490.32	5572.40	---	PASS
		5610	80.48	5570.16	5650.64	---	PASS
		5690	85.12	5647.76	5732.88	---	PASS
		5690_UNII-2C	77.24	5647.76	5725	---	PASS
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		5775	81.60	5733.88	5815.48	---	PASS

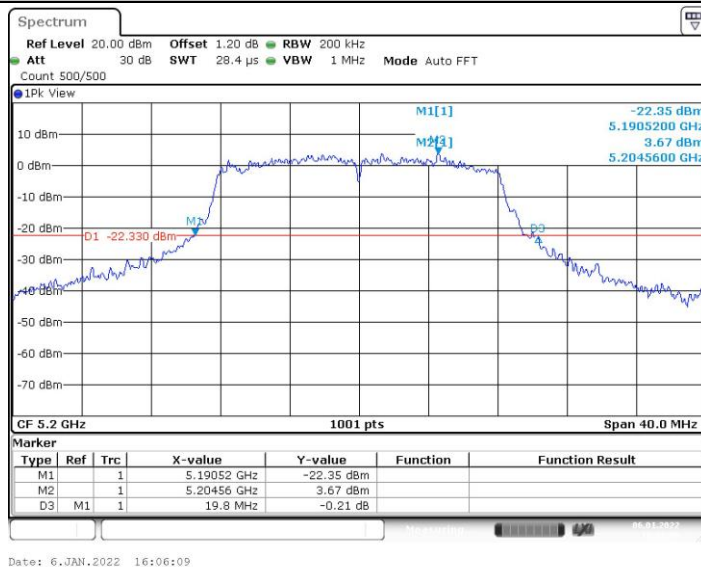


Test Graphs

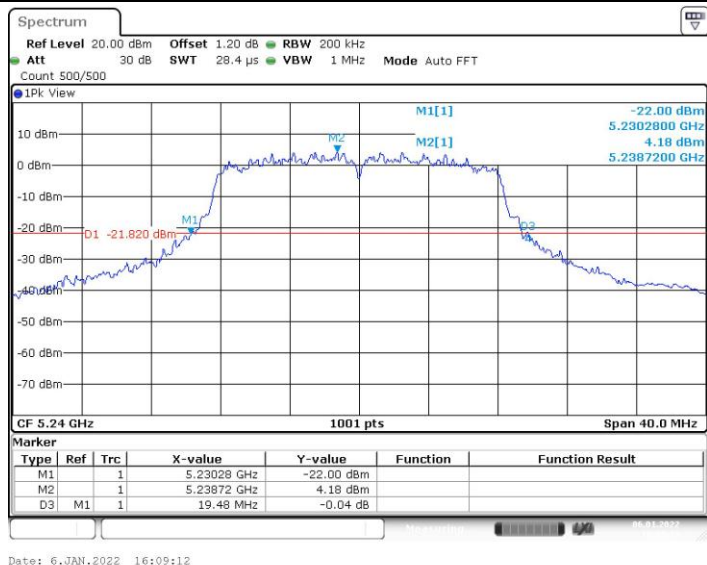
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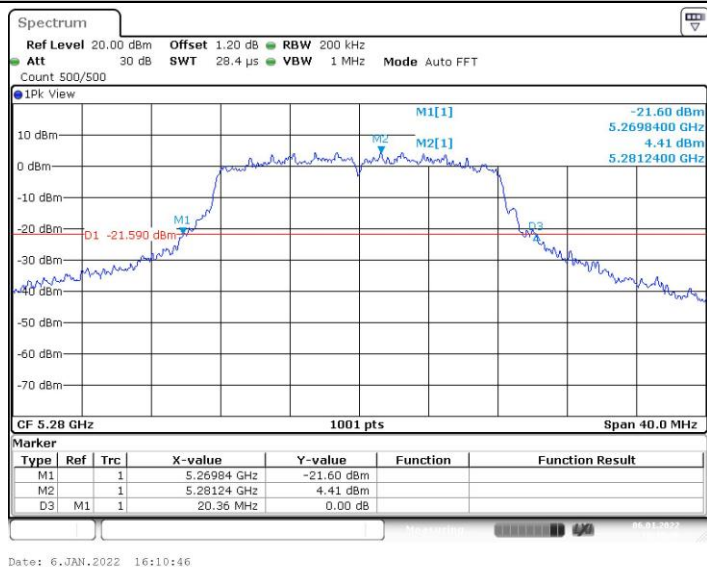
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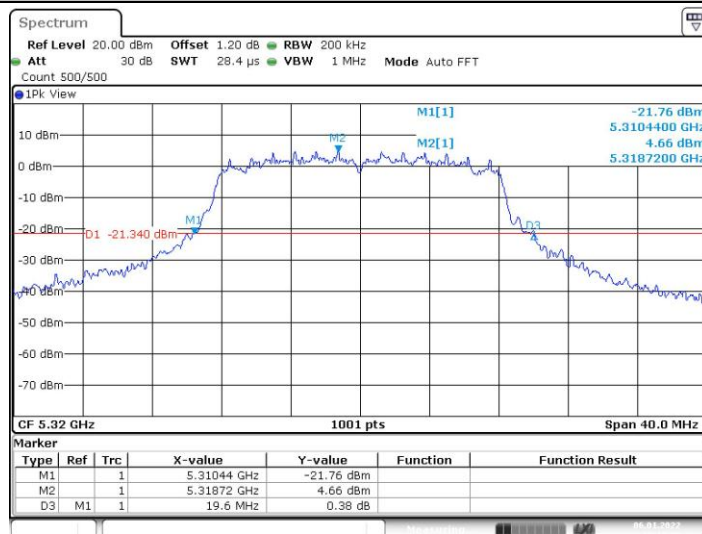


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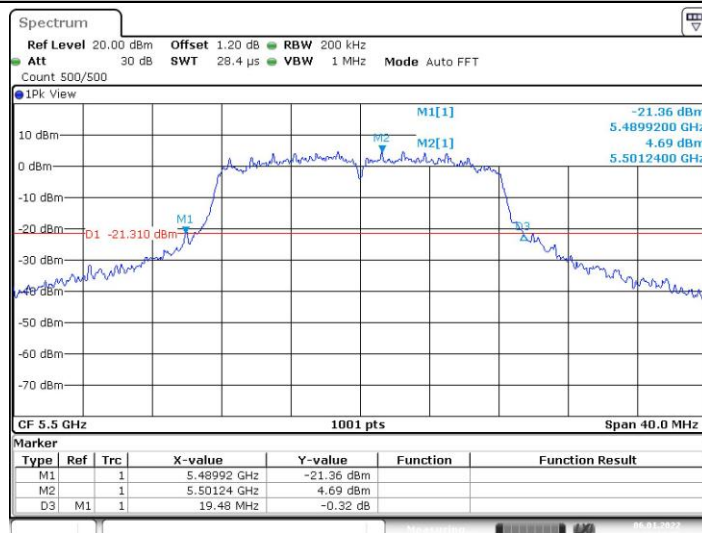


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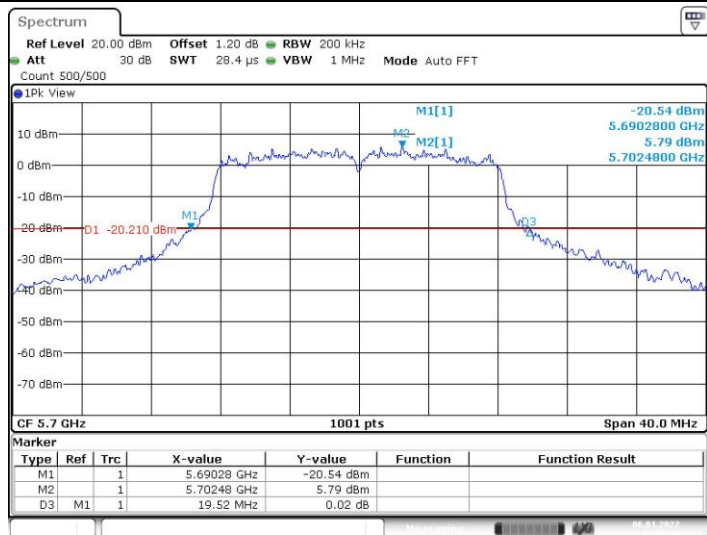


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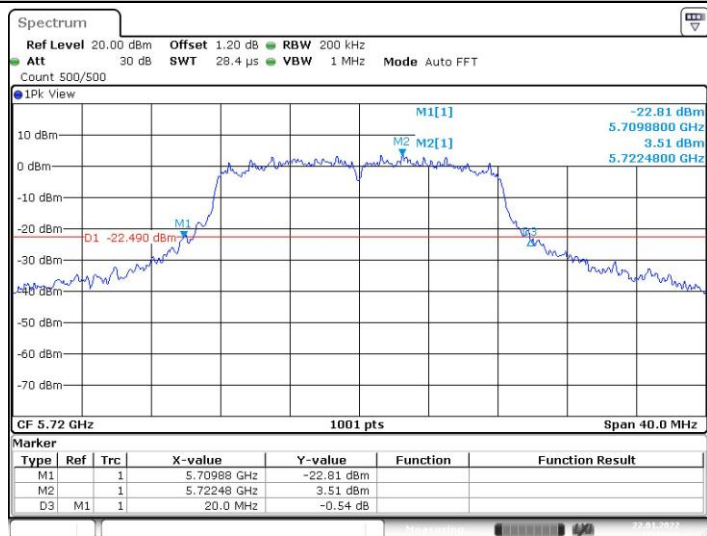
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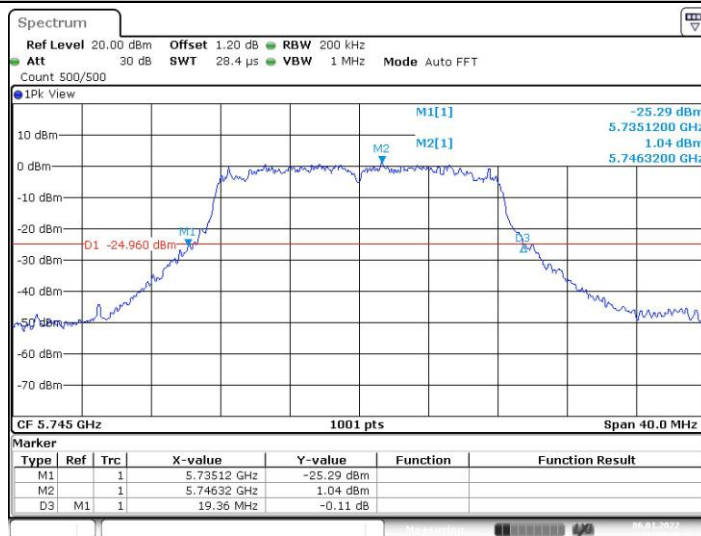


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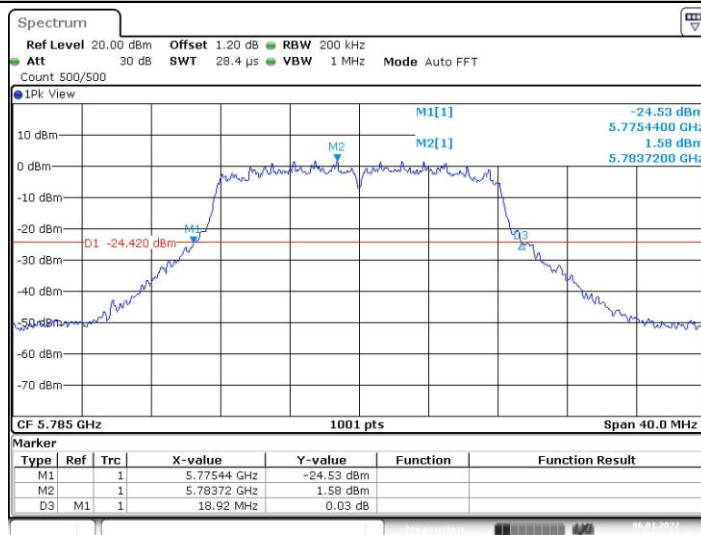


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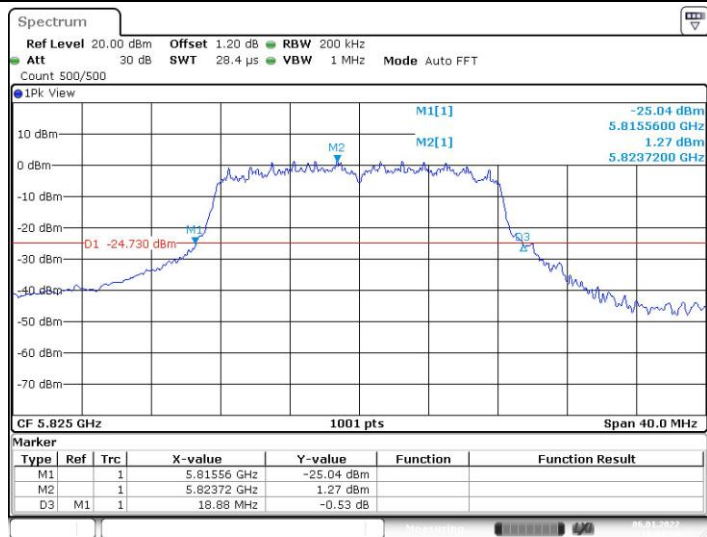
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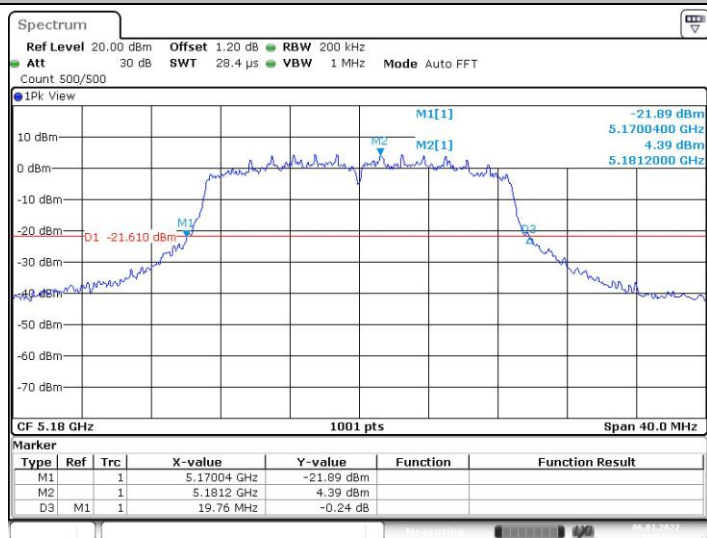


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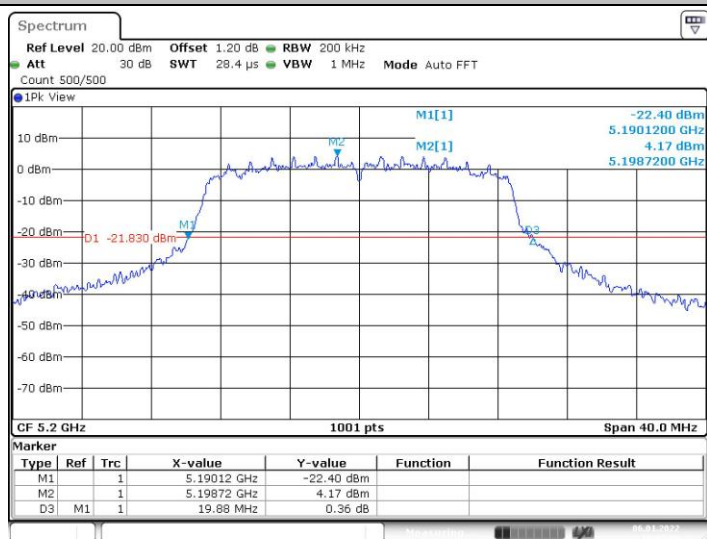
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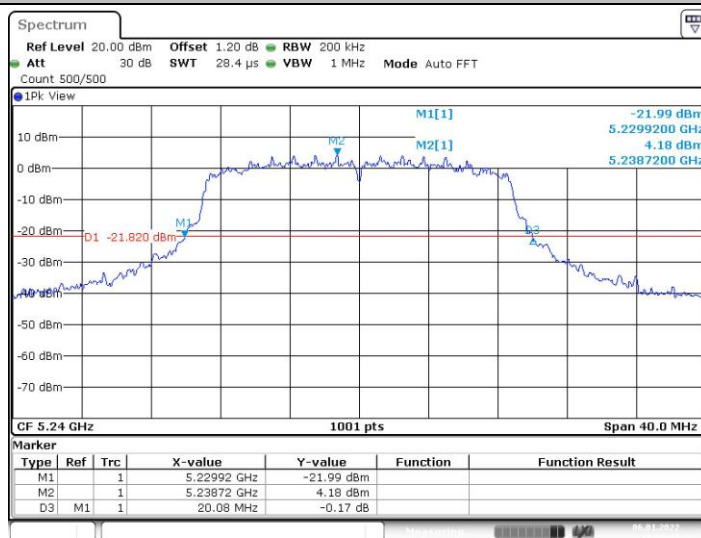


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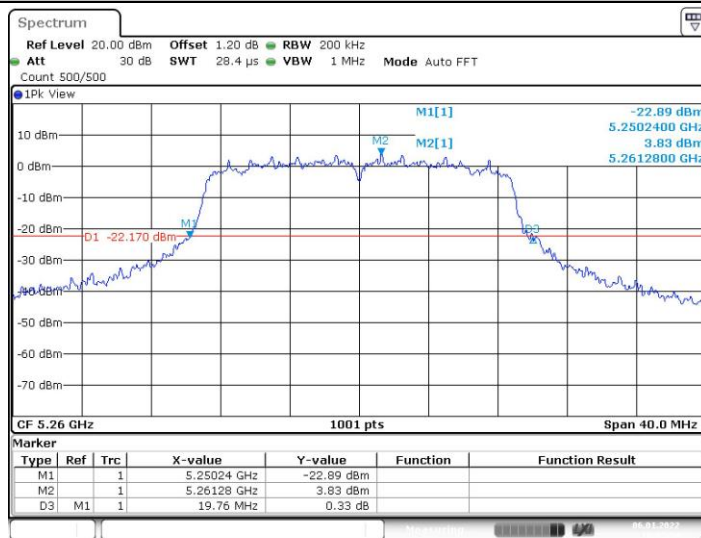


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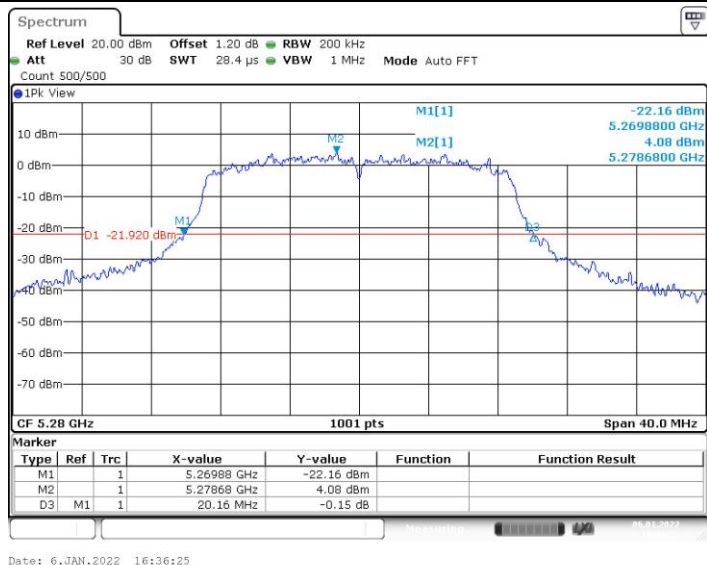
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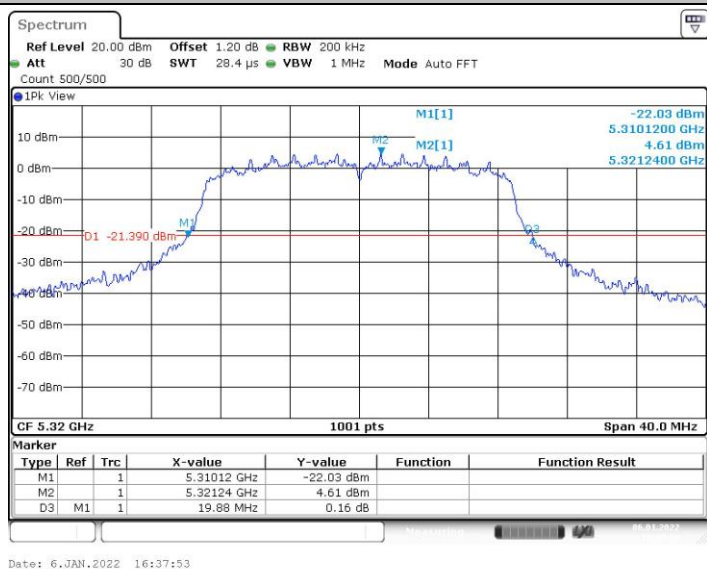


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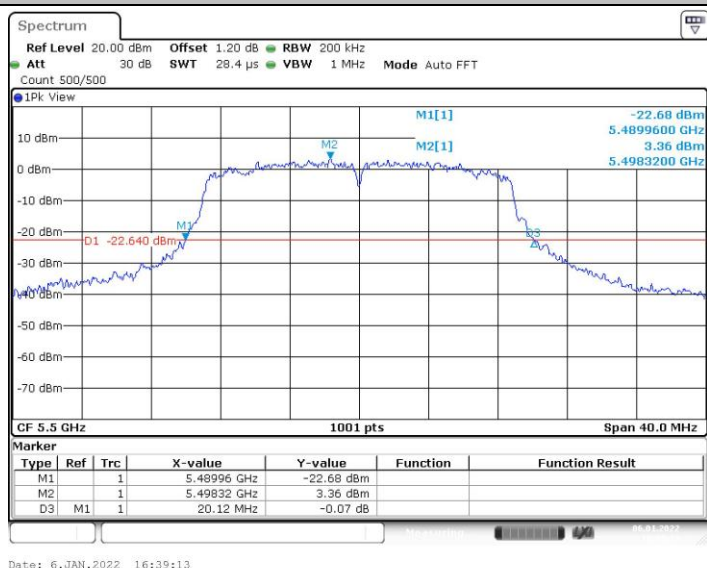
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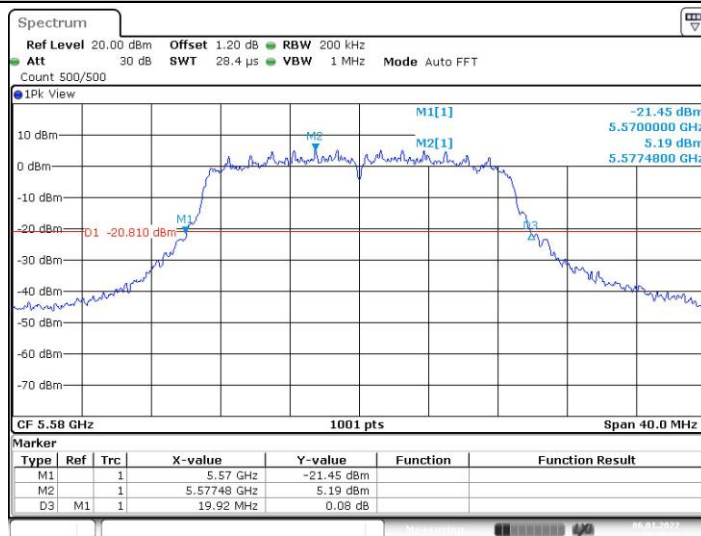


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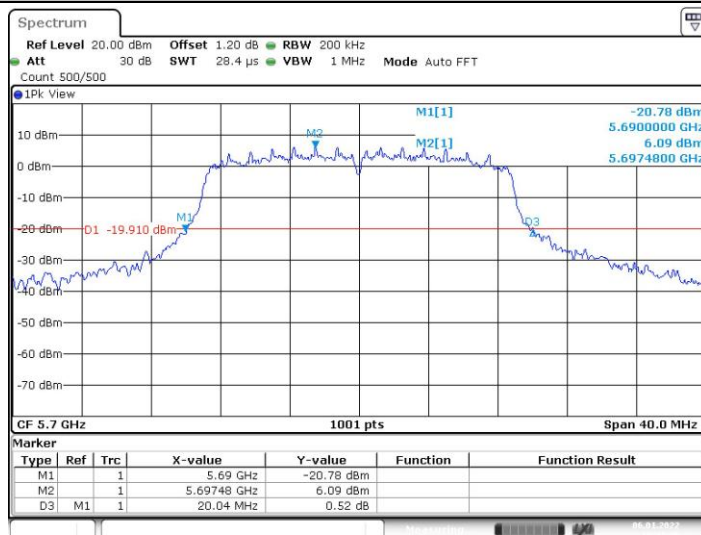


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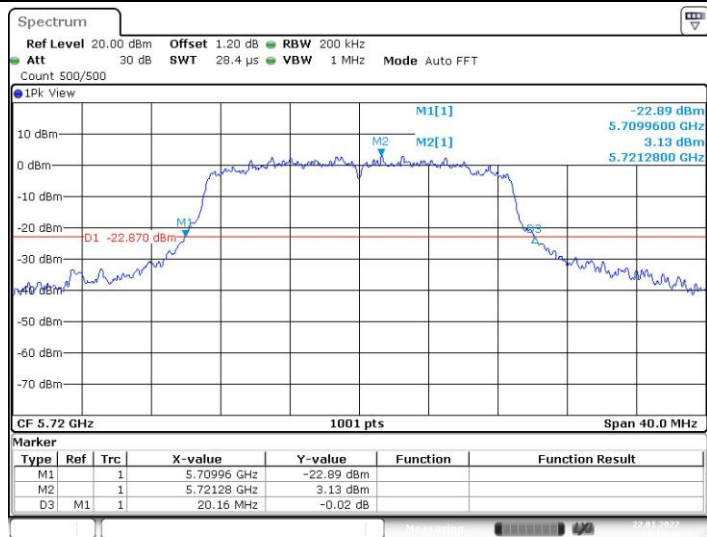
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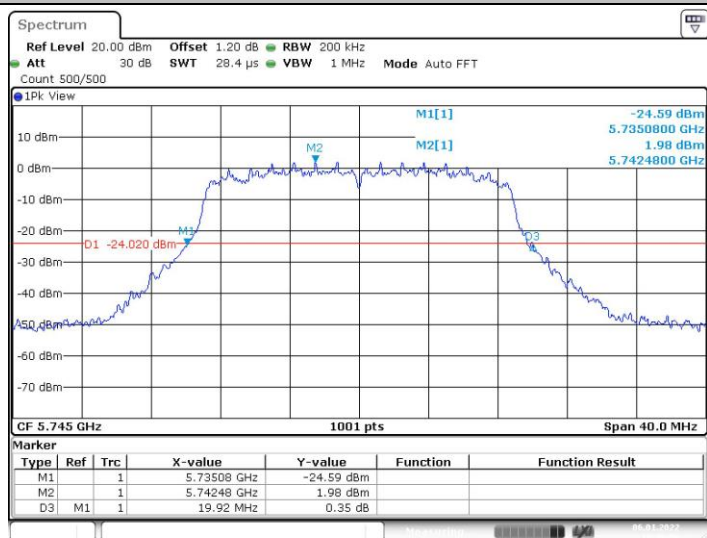


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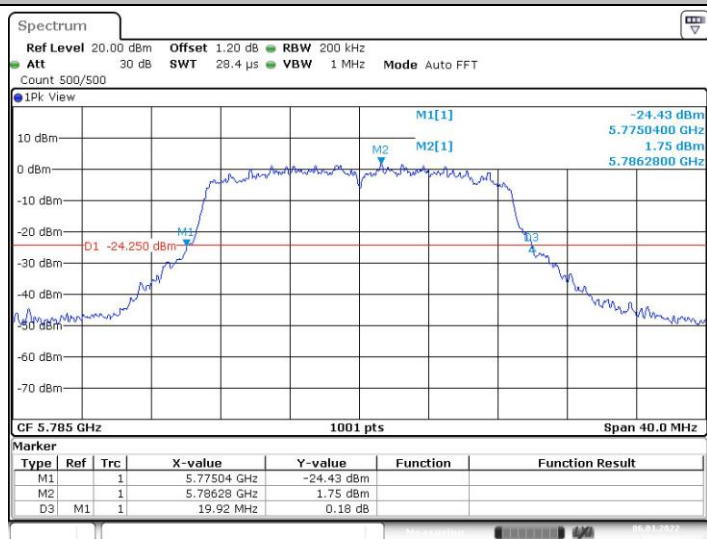
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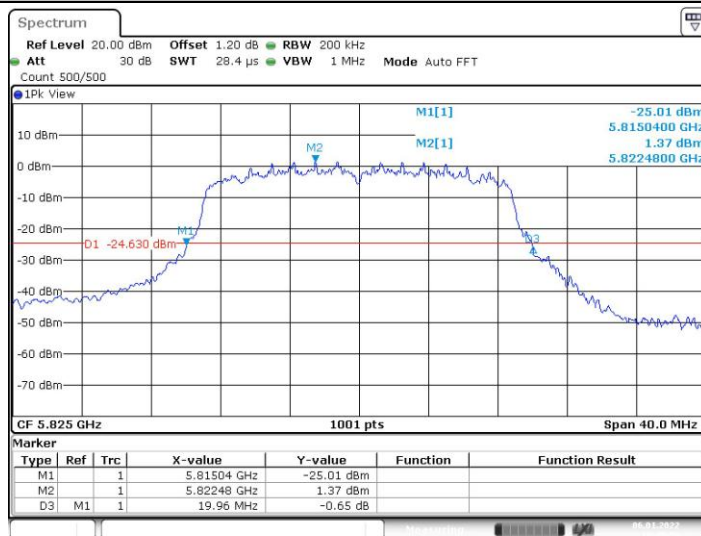


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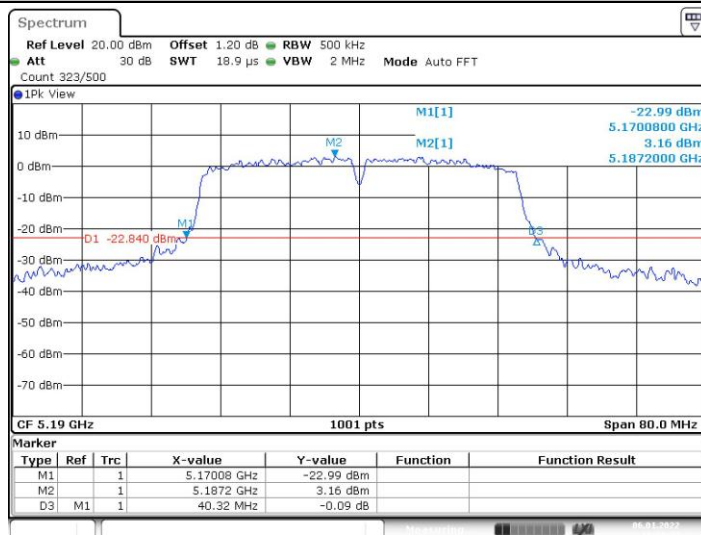


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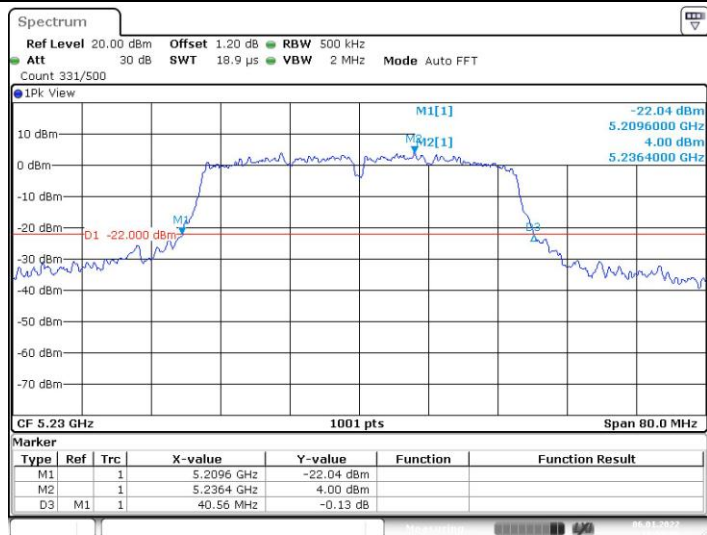
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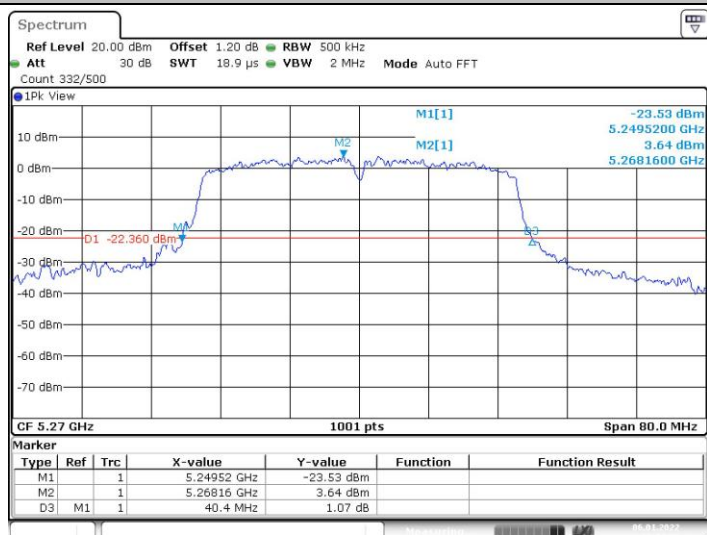


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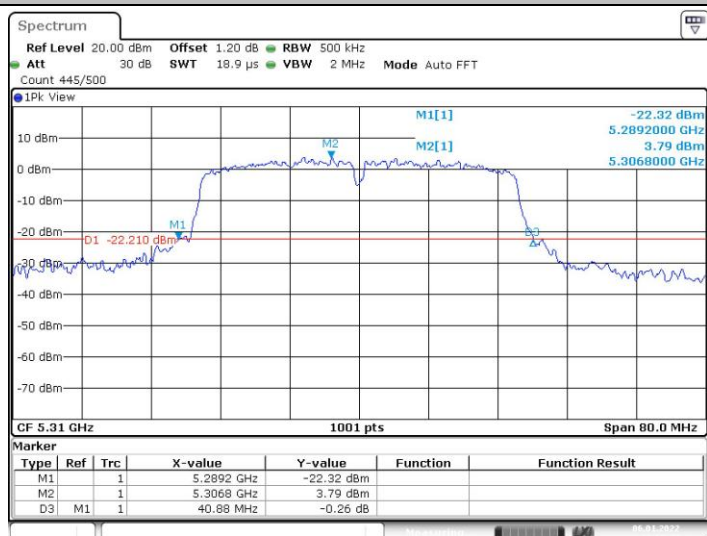
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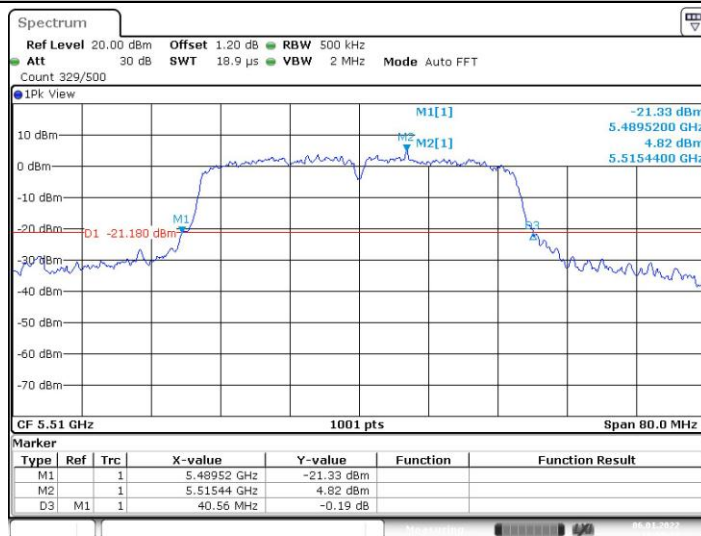


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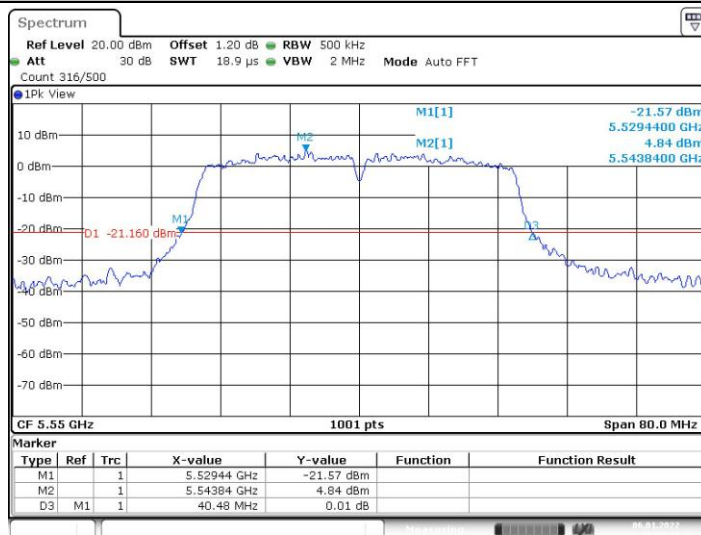


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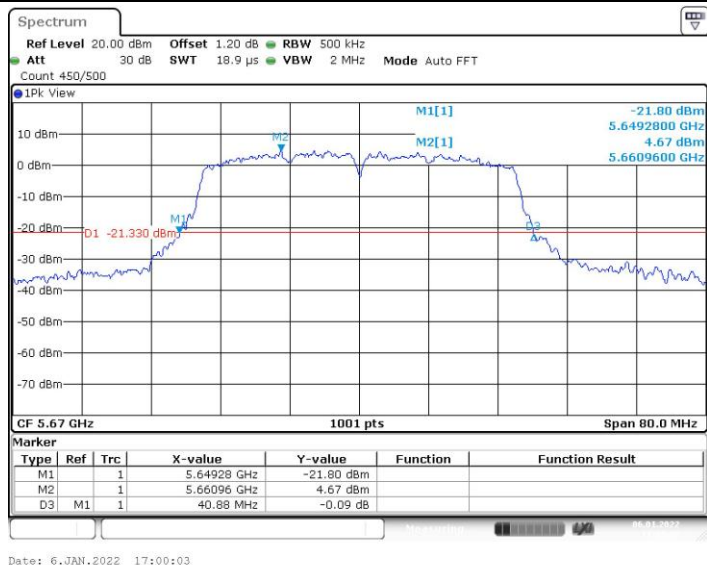
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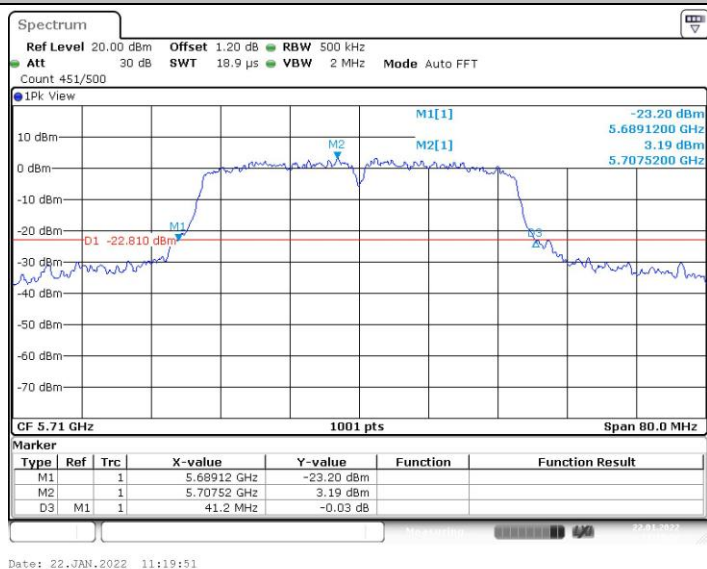


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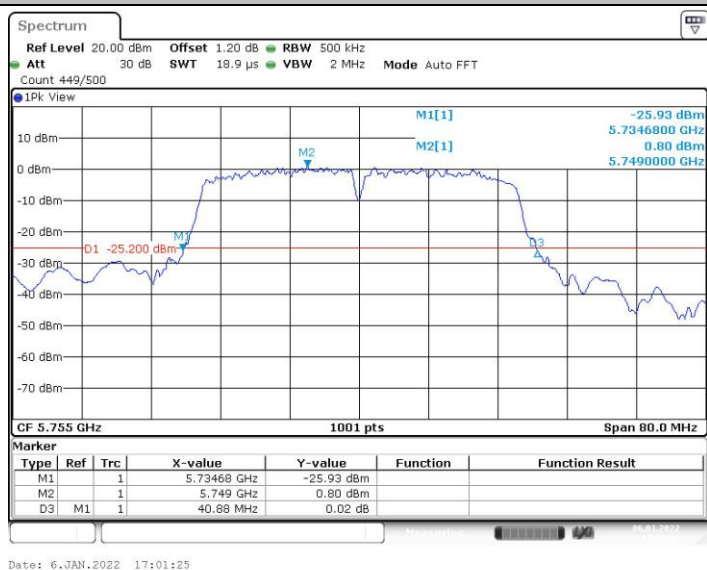
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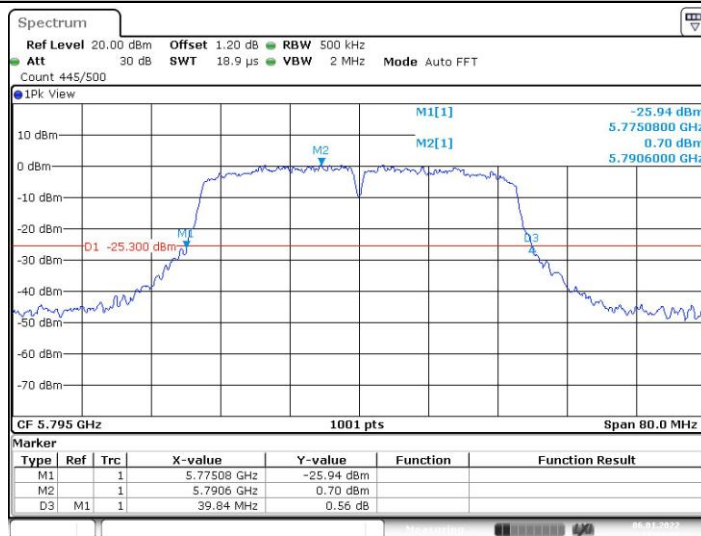


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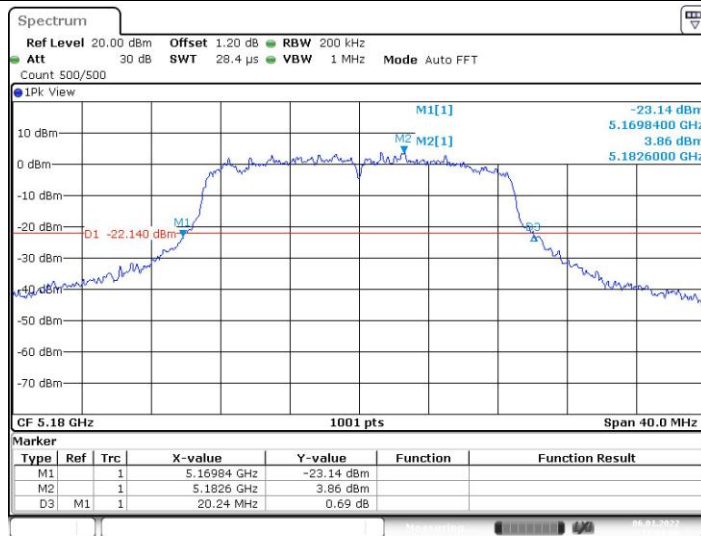


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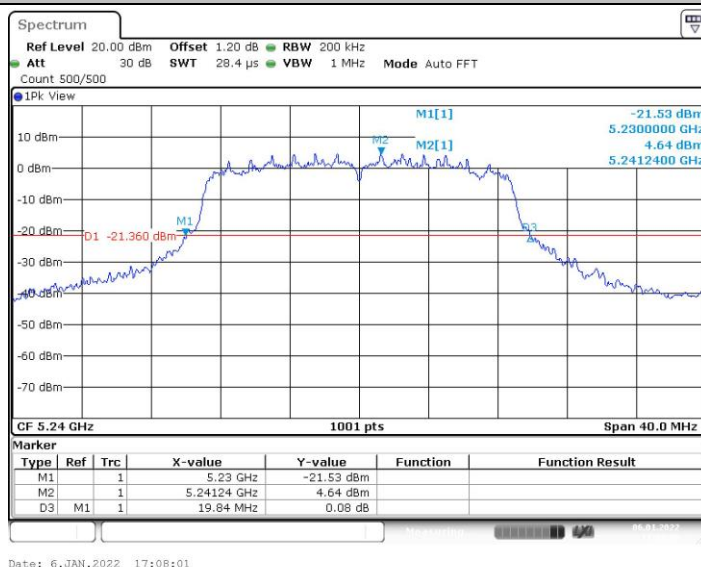


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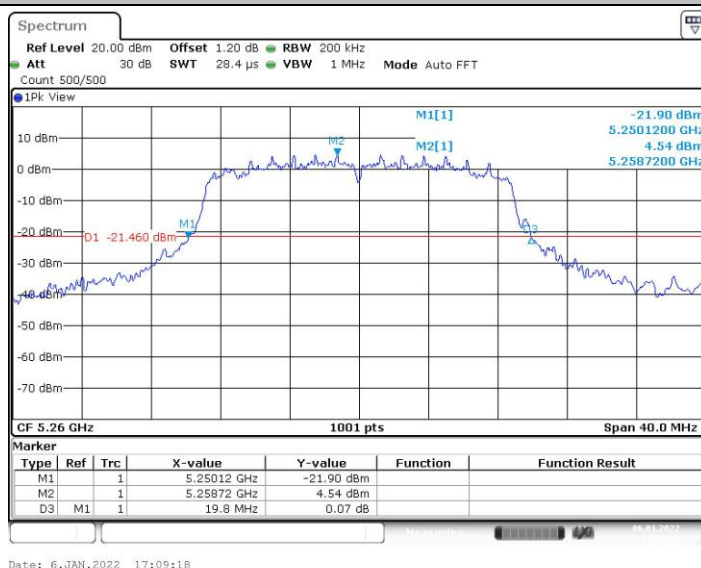
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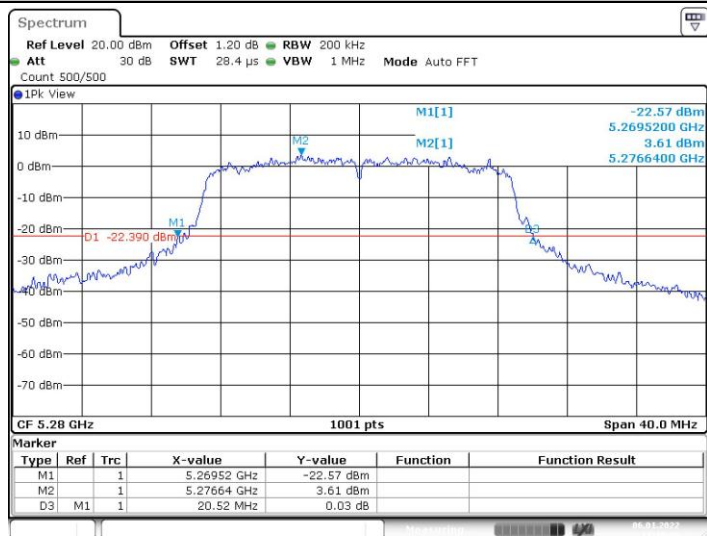


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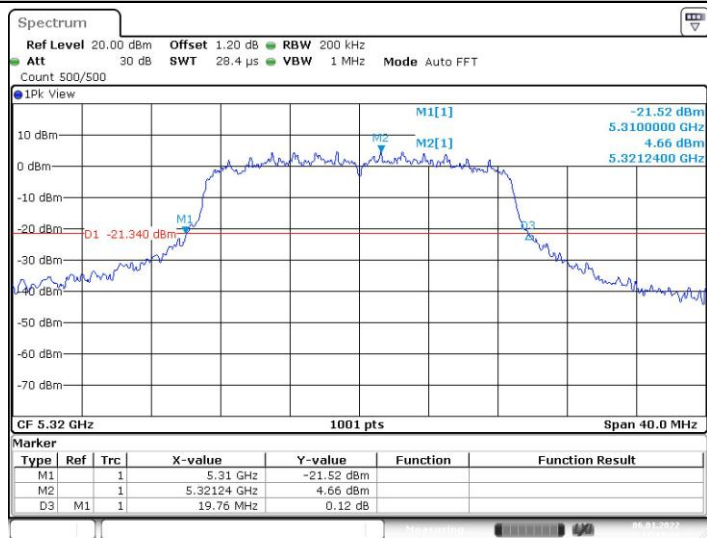


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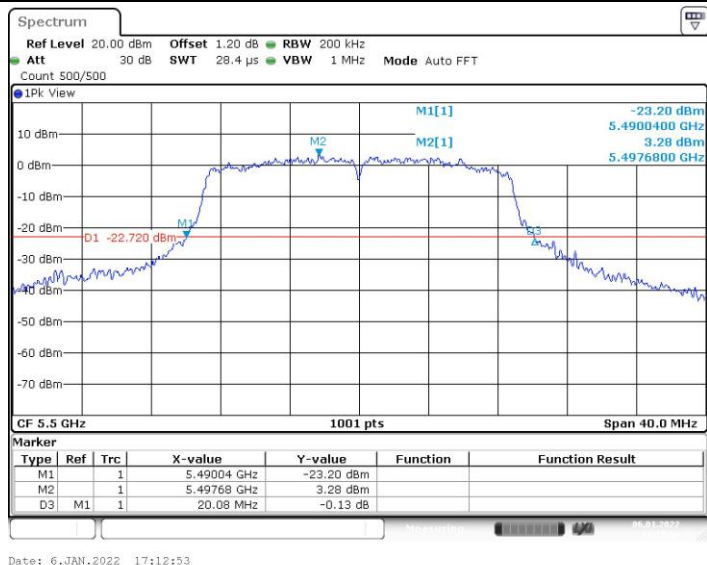
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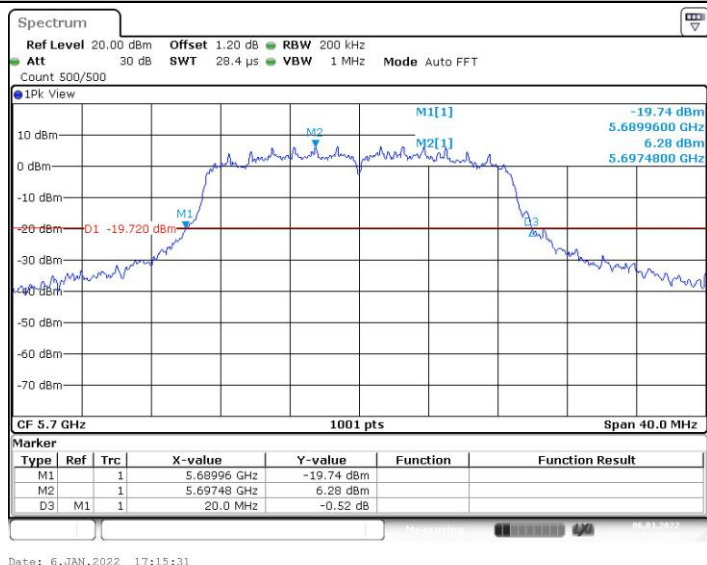
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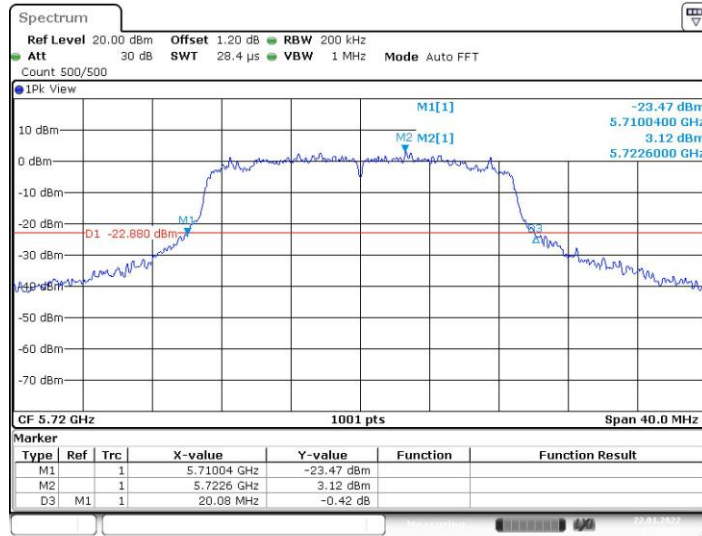


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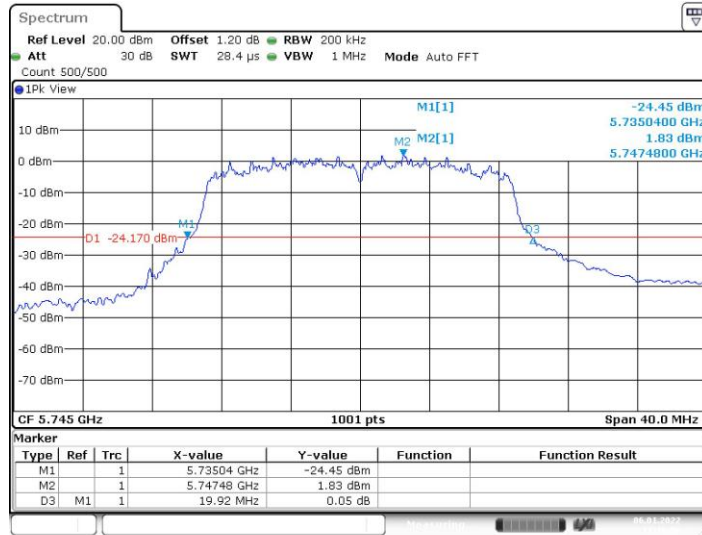




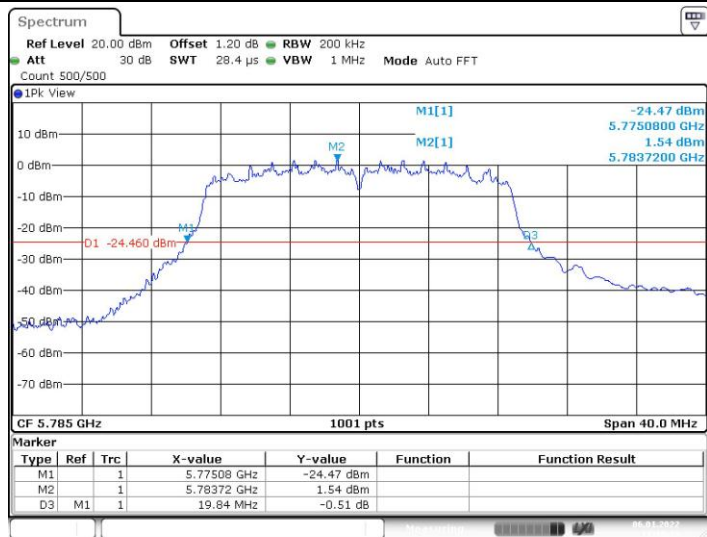
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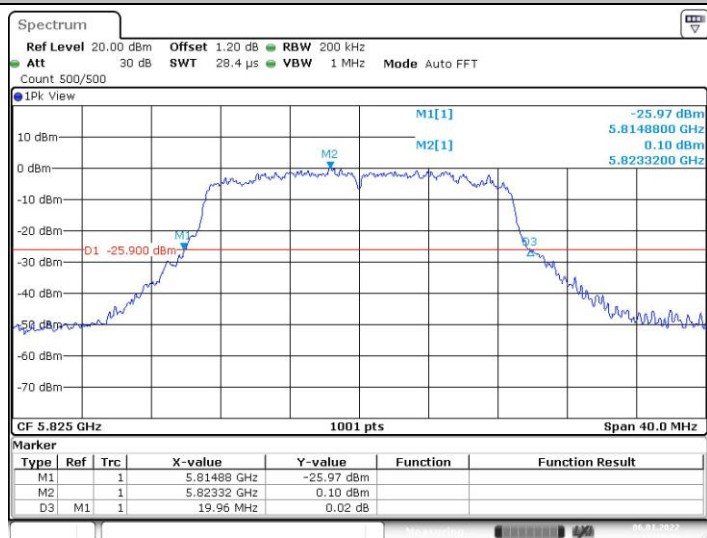
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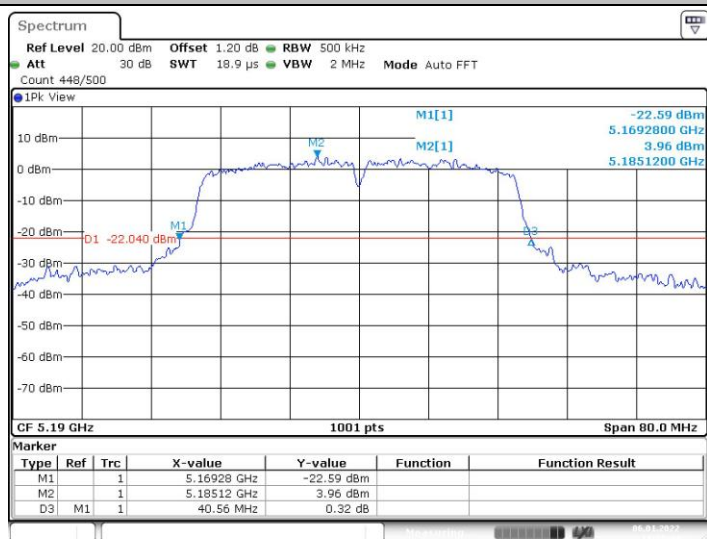
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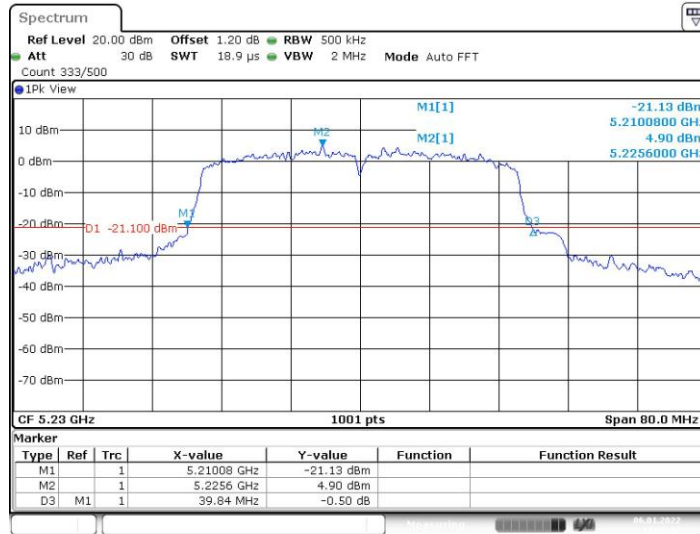


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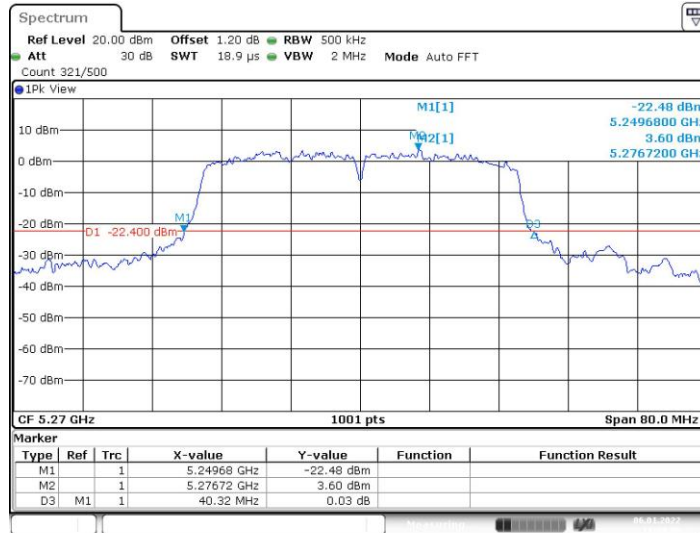


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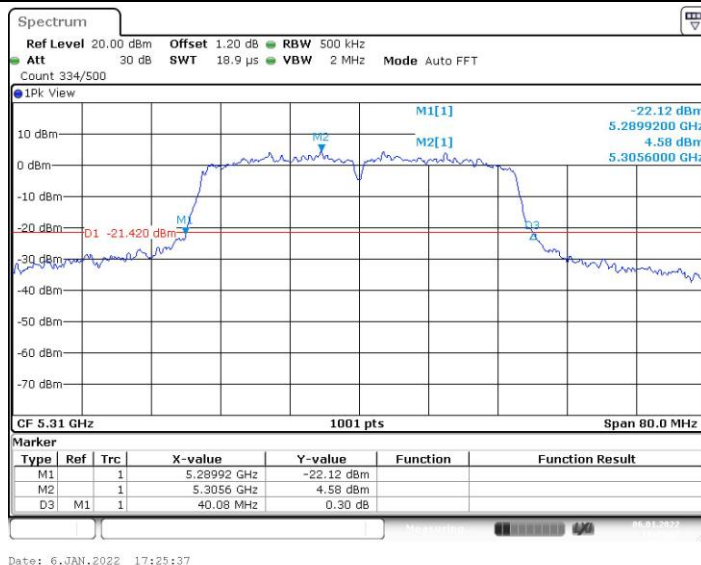
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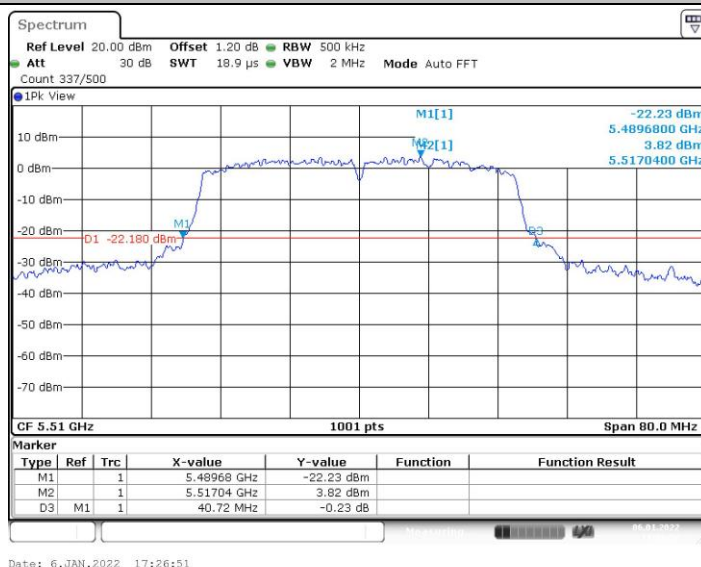


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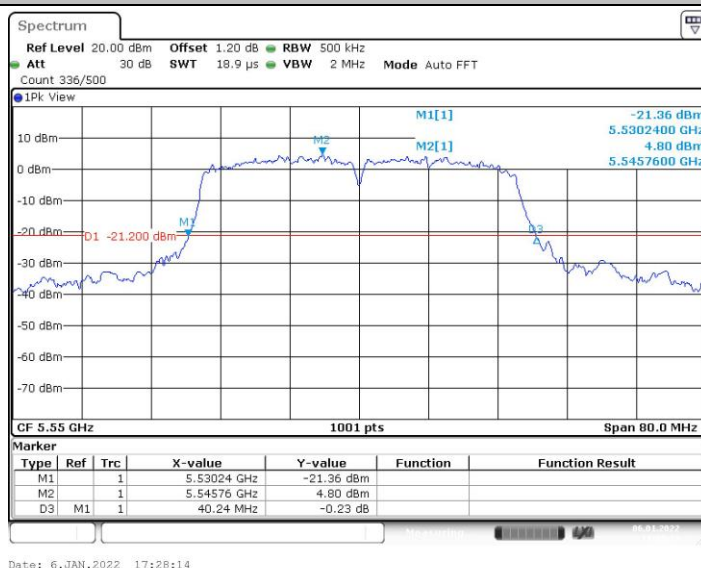
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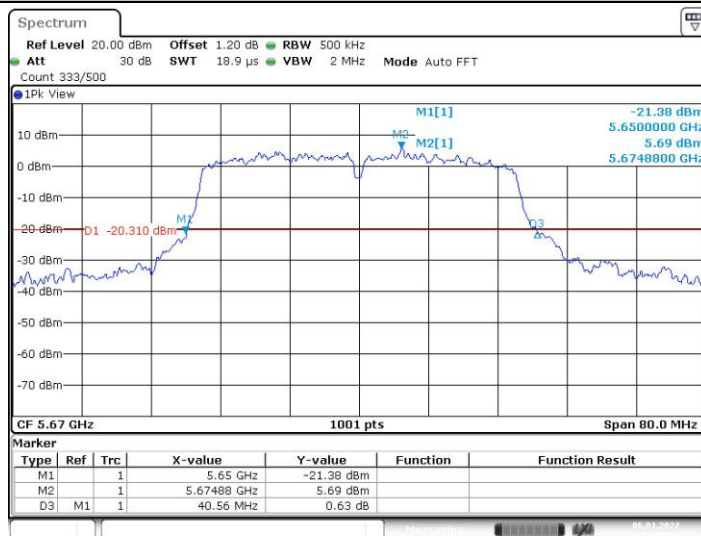


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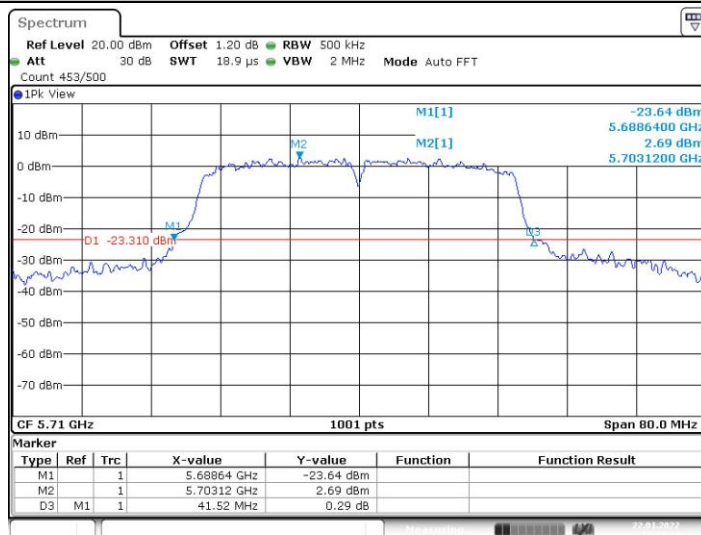


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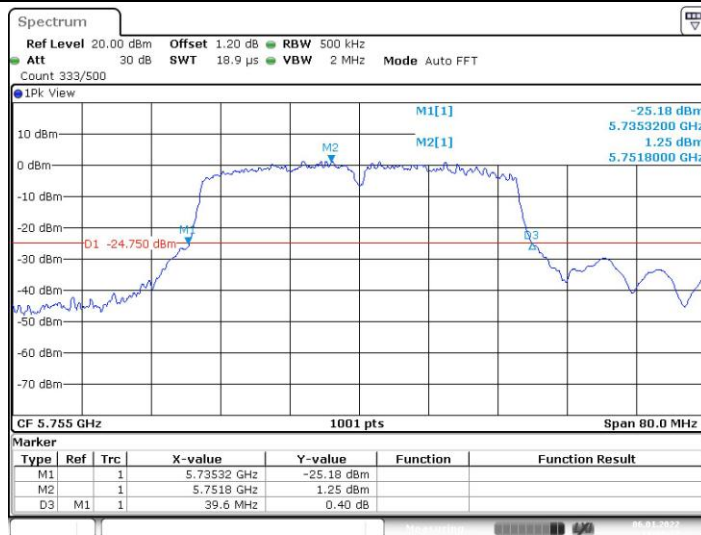
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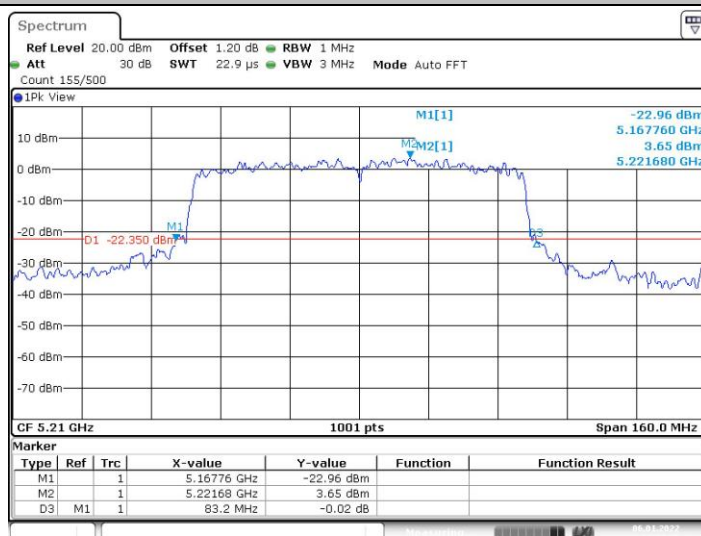
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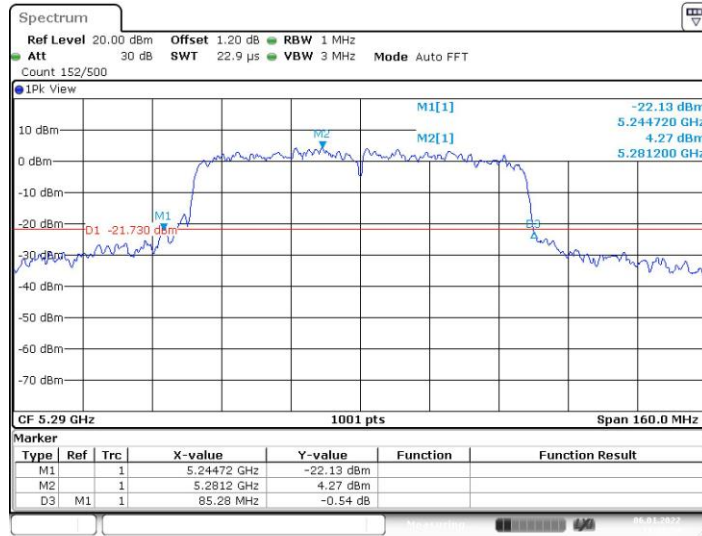


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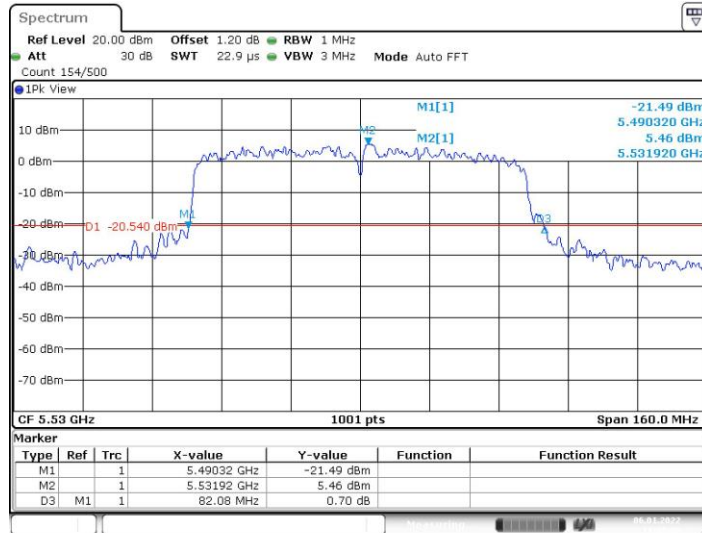


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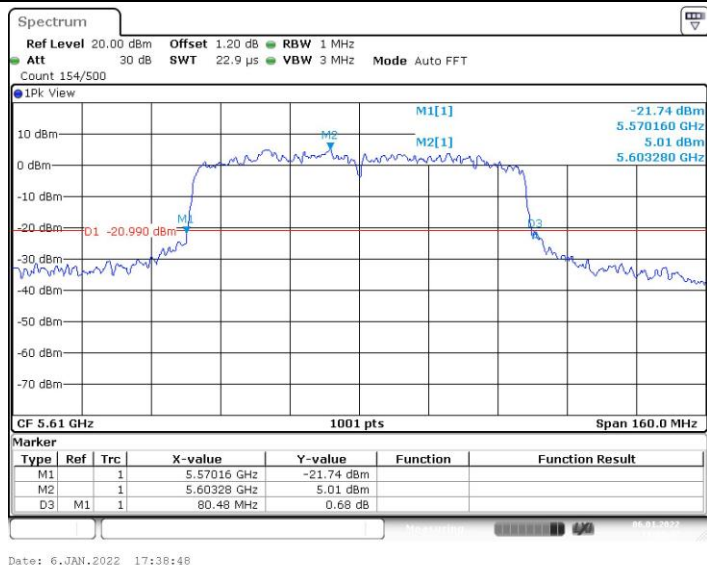
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11AC80SISO_Ant1_5530

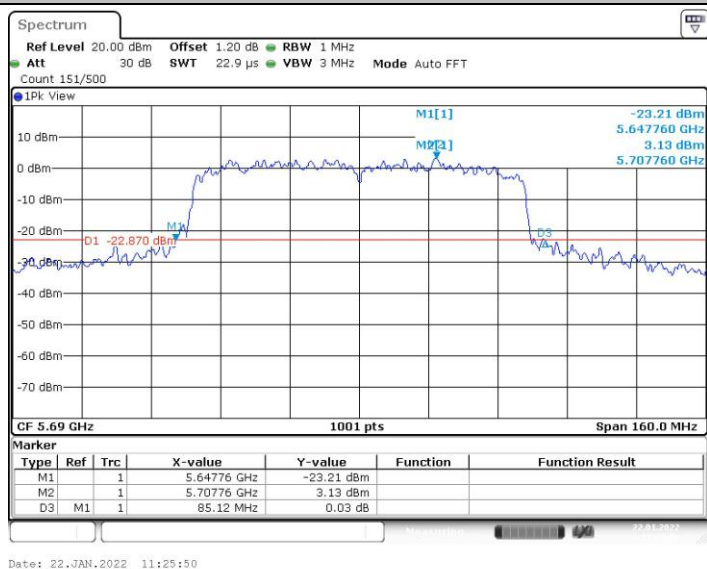


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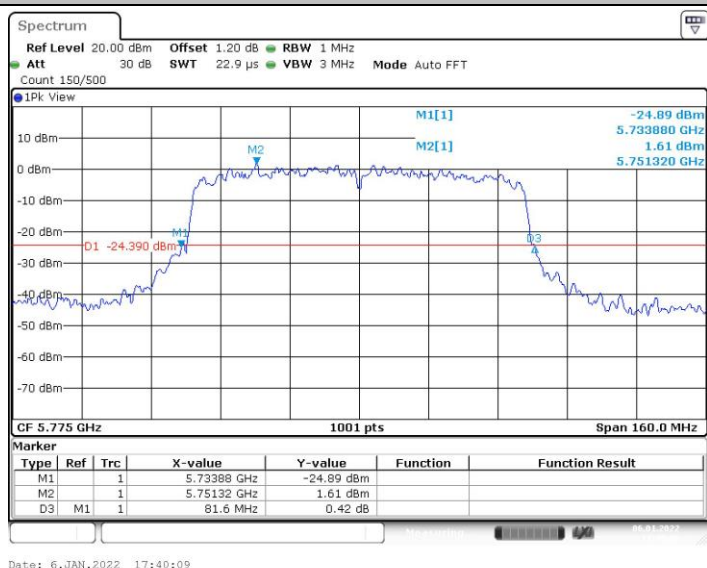
11AC80SISO_Ant1_5610



11AC80SISO_Ant1_5690



11AC80SISO_Ant1_5775





Appendix A2: Occupied channel bandwidth

Test Result

TestMode	Antenna	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5180	16.503	5171.688	5188.192	---	PASS
		5200	16.543	5191.688	5208.232	---	PASS
		5240	16.583	5231.688	5248.272	---	PASS
		5260	16.424	5251.808	5268.232	---	PASS
		5280	16.583	5271.648	5288.232	---	PASS
		5320	16.464	5311.728	5328.192	---	PASS
		5500	16.503	5491.648	5508.152	---	PASS
		5580	16.663	5571.648	5588.312	---	PASS
		5700	16.503	5691.688	5708.192	---	PASS
		5720	16.543	5711.728	5728.272	---	PASS
		5720_UNII-2C	13.272	5711.728	5725	---	PASS
		5720_UNII-3	3.272	5725	5728.272	---	PASS
		5745	16.424	5736.728	5753.152	---	PASS
		5785	16.503	5776.688	5793.192	---	PASS
		5825	16.543	5816.608	5833.152	---	PASS
11N20SISO	Ant1	5180	17.582	5171.209	5188.791	---	PASS
		5200	17.502	5191.209	5208.711	---	PASS
		5240	17.502	5231.209	5248.711	---	PASS
		5260	17.542	5251.249	5268.791	---	PASS
		5280	17.622	5271.129	5288.751	---	PASS
		5320	17.582	5311.169	5328.751	---	PASS
		5500	17.702	5491.129	5508.831	---	PASS
		5580	17.662	5571.169	5588.831	---	PASS
		5700	17.542	5691.169	5708.711	---	PASS
		5720	17.662	5711.209	5728.871	---	PASS
		5720_UNII-2C	13.791	5711.209	5725	---	PASS
		5720_UNII-3	3.871	5725	5728.871	---	PASS
		5745	17.542	5736.169	5753.711	---	PASS
		5785	17.582	5776.169	5793.751	---	PASS
		5825	17.622	5816.169	5833.791	---	PASS
11N40SISO	Ant1	5190	36.204	5171.778	5207.982	---	PASS
		5230	35.884	5212.018	5247.902	---	PASS
		5270	36.204	5251.778	5287.982	---	PASS
		5310	35.884	5292.018	5327.902	---	PASS
		5510	36.444	5491.459	5527.902	---	PASS
		5550	35.884	5532.018	5567.902	---	PASS
		5670	36.124	5651.778	5687.902	---	PASS
		5710	35.964	5691.938	5727.902	---	PASS

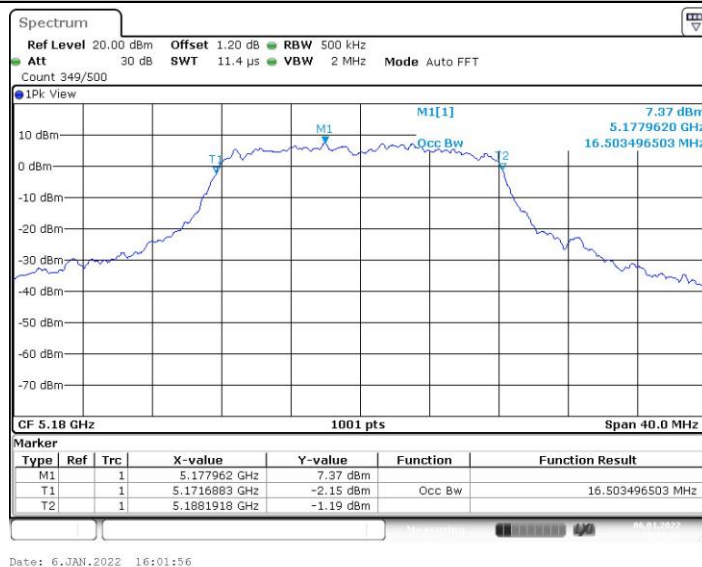


		5710_UNII-2C	33.062	5691.938	5725	---	PASS
		5710_UNII-3	2.902	5725	5727.902	---	PASS
		5755	35.884	5737.018	5772.902	---	PASS
		5795	35.804	5777.018	5812.822	---	PASS
11AC20SISO	Ant1	5180	17.542	5171.169	5188.711	---	PASS
		5200	17.582	5191.249	5208.831	---	PASS
		5240	17.582	5231.209	5248.791	---	PASS
		5260	17.622	5251.209	5268.831	---	PASS
		5280	17.542	5271.209	5288.751	---	PASS
		5320	17.542	5311.209	5328.751	---	PASS
		5500	17.582	5491.169	5508.751	---	PASS
		5580	17.662	5571.169	5588.831	---	PASS
		5700	17.662	5691.169	5708.831	---	PASS
		5720	17.622	5711.169	5728.791	---	PASS
		5720_UNII-2C	13.831	5711.169	5725	---	PASS
		5720_UNII-3	3.791	5725	5728.791	---	PASS
		5745	17.622	5736.169	5753.791	---	PASS
		5785	17.542	5776.169	5793.711	---	PASS
		5825	17.582	5816.129	5833.711	---	PASS
11AC40SISO	Ant1	5190	36.284	5171.698	5207.982	---	PASS
		5230	36.044	5212.018	5248.062	---	PASS
		5270	35.964	5252.018	5287.982	---	PASS
		5310	35.884	5292.018	5327.902	---	PASS
		5510	36.044	5491.938	5527.982	---	PASS
		5550	35.884	5532.018	5567.902	---	PASS
		5670	36.044	5651.938	5687.982	---	PASS
		5710	36.124	5691.858	5727.982	---	PASS
		5710_UNII-2C	33.142	5691.858	5725	---	PASS
		5710_UNII-3	2.982	5725	5727.982	---	PASS
		5755	35.884	5737.018	5772.902	---	PASS
		5795	35.804	5777.018	5812.822	---	PASS
11AC80SISO	Ant1	5210	74.965	5172.438	5247.403	---	PASS
		5290	75.285	5252.278	5327.562	---	PASS
		5530	75.285	5492.118	5567.403	---	PASS
		5610	75.764	5571.958	5647.722	---	PASS
		5690	75.604	5652.118	5727.722	---	PASS
		5690_UNII-2C	72.882	5652.118	5725	---	PASS
		5690_UNII-3	2.722	5725	5727.722	---	PASS
		5775	75.125	5737.118	5812.243	---	PASS

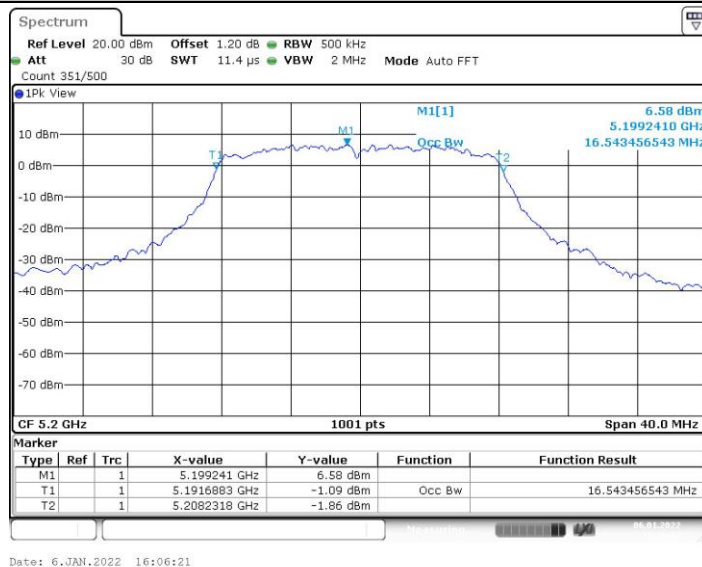


Test Graphs

11A_Ant1_5180



11A_Ant1_5200



11A_Ant1_5240