

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

General Description of EUT	
Product Name:	tablet computer
Test Model:	AYANEO NEXT Pro, AYANEO NEXT
Sample ID:	RW-C-202204-0125-1-2#
Environmental Conditions	
Temperature:	23.8°C
Relative Humidity:	48%
Test Voltage:	DC 11.55V
Test Engineer:	Huang jian ping
Note: For a more detailed features description, please refer to the report TBR-C-202204-0125-113. All these models are identical in the same PCB, layout and electrical circuit, the only difference is model name (AYANEO NEXT Pro for test only).	

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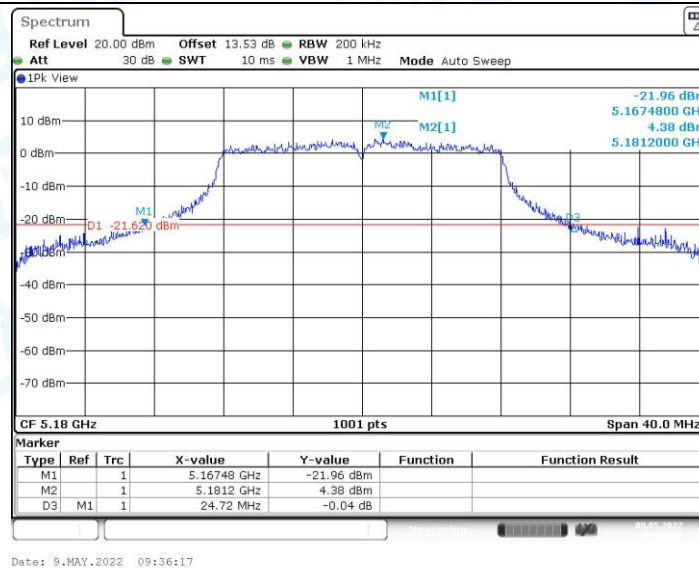
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1. Emission Bandwidth

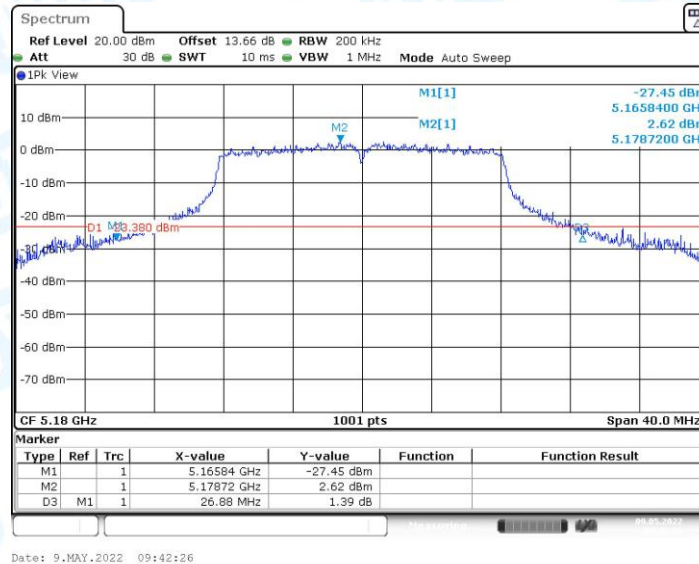
1.1. Test Result

TestMode	Antenna	Channel	26db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11AMIMO	Ant0	5180	24.72	5167.48	5192.20	---	---
	Ant1	5180	26.88	5165.84	5192.72	---	---
	Ant0	5220	25.16	5207.20	5232.36	---	---
	Ant1	5220	29.24	5205.96	5235.20	---	---
	Ant0	5240	20.08	5229.84	5249.92	---	---
	Ant1	5240	20.00	5229.84	5249.84	---	---
11N20MIMO	Ant0	5180	28.16	5166.68	5194.84	---	---
	Ant1	5180	26.04	5167.48	5193.52	---	---
	Ant0	5220	24.96	5207.24	5232.20	---	---
	Ant1	5220	30.00	5205.44	5235.44	---	---
	Ant0	5240	20.20	5229.84	5250.04	---	---
	Ant1	5240	20.12	5229.92	5250.04	---	---
11N40MIMO	Ant0	5190	40.72	5169.60	5210.32	---	---
	Ant1	5190	40.16	5169.68	5209.84	---	---
	Ant0	5230	40.88	5209.44	5250.32	---	---
	Ant1	5230	41.12	5209.60	5250.72	---	---
11AC20MIMO	Ant0	5180	25.48	5167.16	5192.64	---	---
	Ant1	5180	27.24	5167.08	5194.32	---	---
	Ant0	5220	24.96	5207.64	5232.60	---	---
	Ant1	5220	28.80	5205.72	5234.52	---	---
	Ant0	5240	20.28	5229.68	5249.96	---	---
	Ant1	5240	20.28	5229.68	5249.96	---	---
11AC40MIMO	Ant0	5190	40.96	5169.52	5210.48	---	---
	Ant1	5190	40.08	5170.08	5210.16	---	---
	Ant0	5230	40.56	5209.52	5250.08	---	---
	Ant1	5230	40.16	5209.76	5249.92	---	---
11AC80MIMO	Ant0	5210	80.32	5169.68	5250.00	---	---
	Ant1	5210	80.16	5169.84	5250.00	---	---
11AX20MIMO	Ant0	5180	25.48	5166.28	5191.76	---	---
	Ant1	5180	22.20	5168.88	5191.08	---	---
	Ant0	5220	23.00	5208.80	5231.80	---	---
	Ant1	5220	23.28	5208.72	5232.00	---	---
	Ant0	5240	19.96	5229.92	5249.88	---	---
	Ant1	5240	19.92	5229.92	5249.84	---	---
11AX40MIMO	Ant0	5190	39.84	5170.08	5209.92	---	---
	Ant1	5190	39.60	5170.16	5209.76	---	---
	Ant0	5230	39.92	5209.92	5249.84	---	---
	Ant1	5230	39.84	5210.00	5249.84	---	---
11AX80MIMO	Ant0	5210	80.64	5169.52	5250.16	---	---
	Ant1	5210	80.48	5169.68	5250.16	---	---

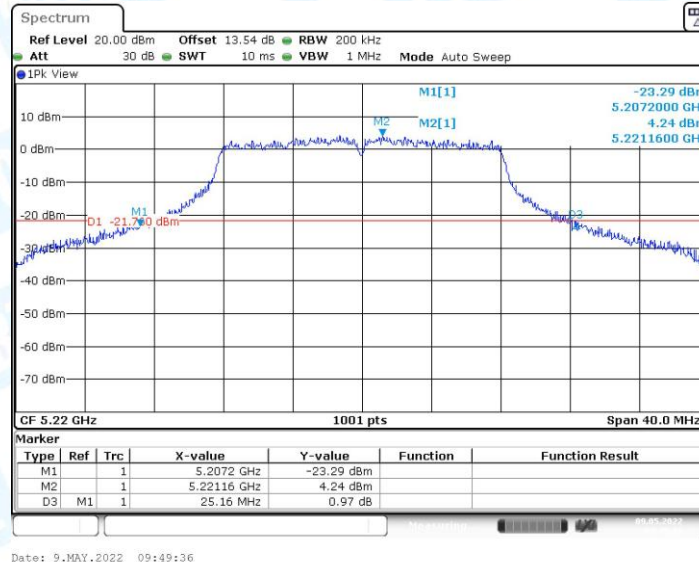
2.1. Test Graphs



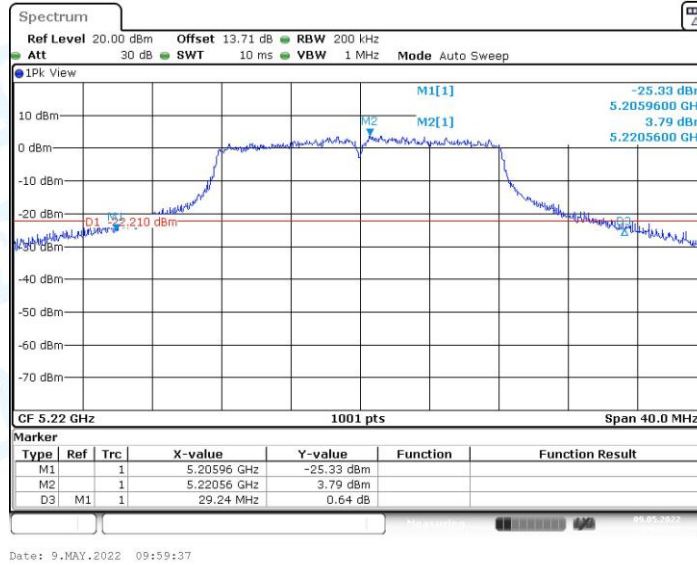
11AMIMO_Ant0_5180



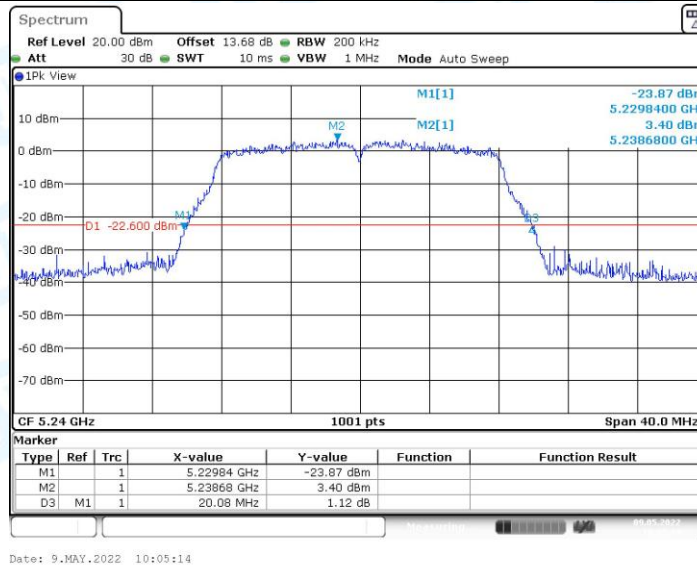
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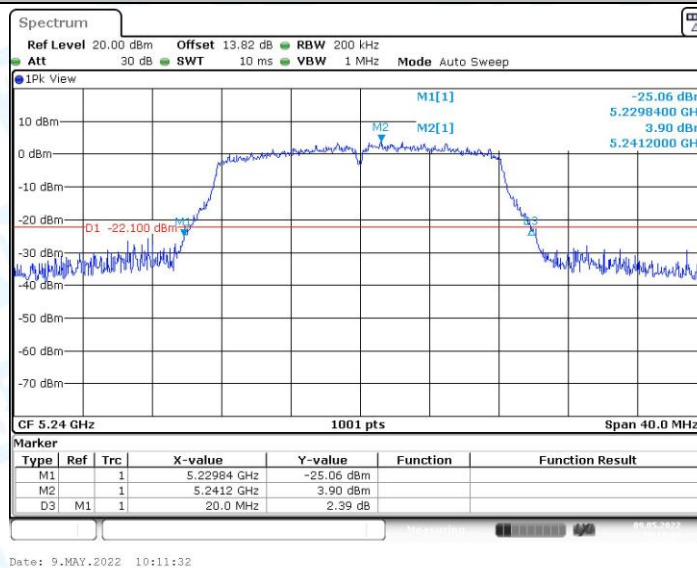
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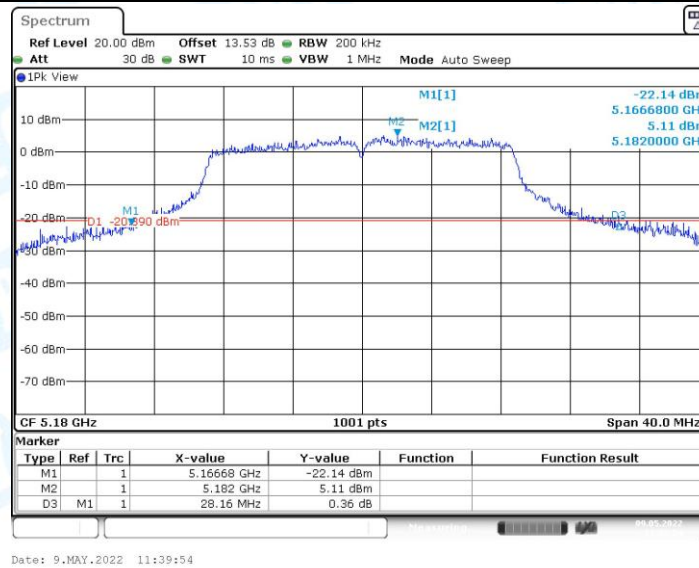
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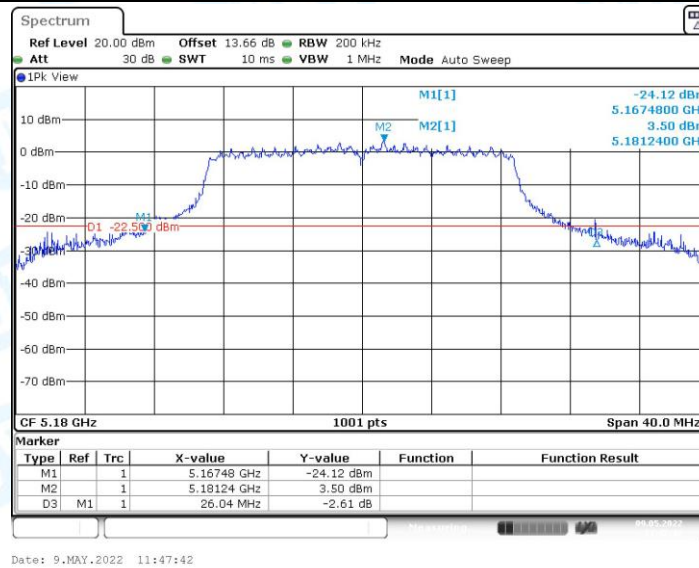
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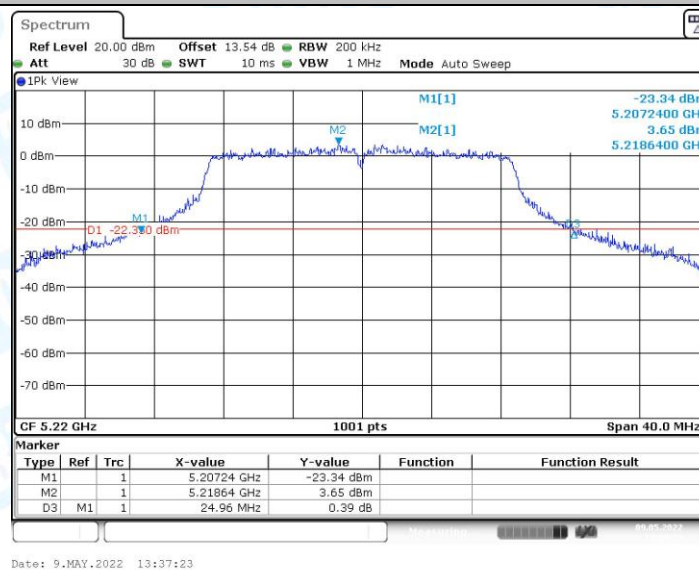
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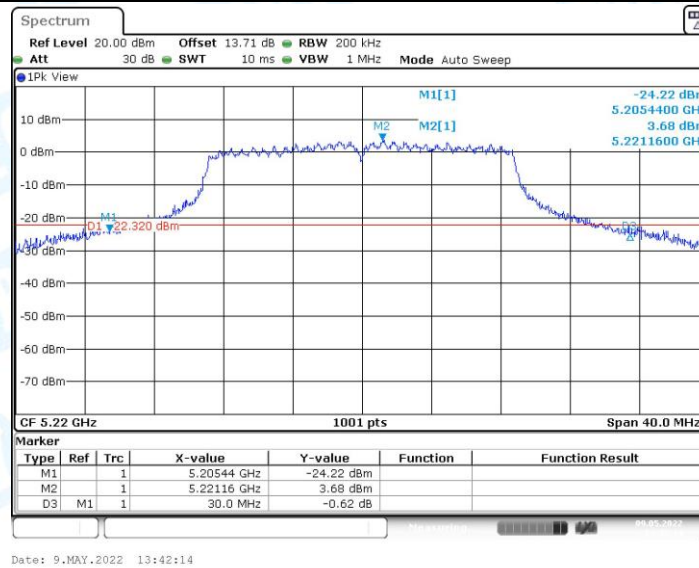
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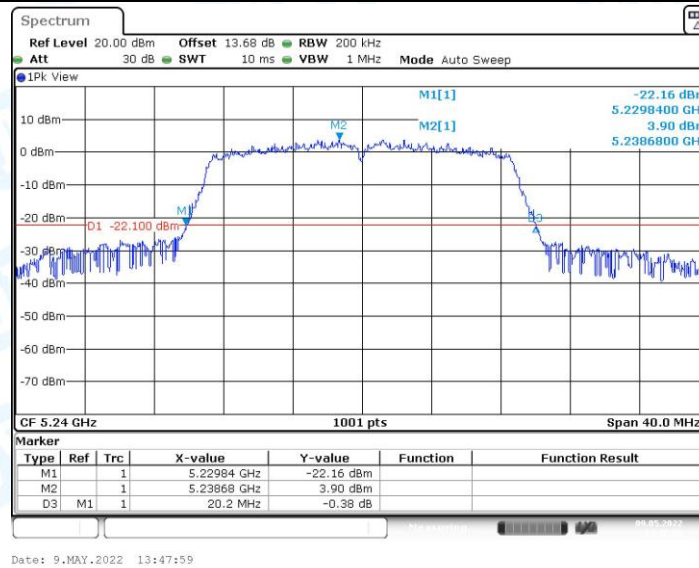
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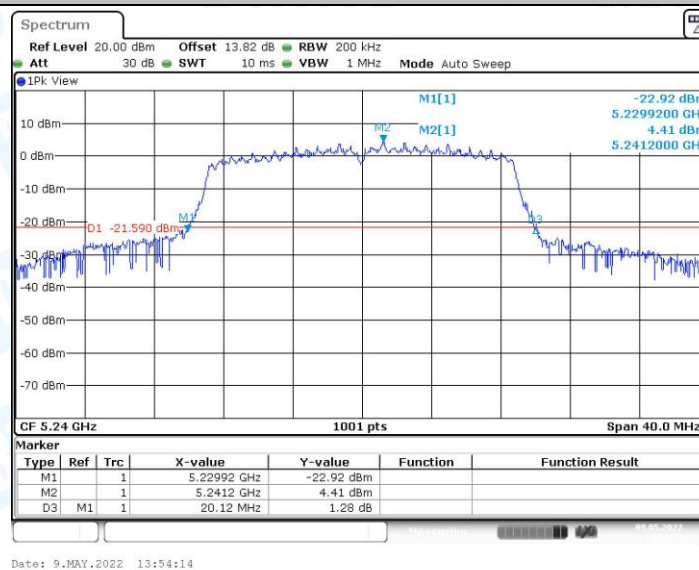
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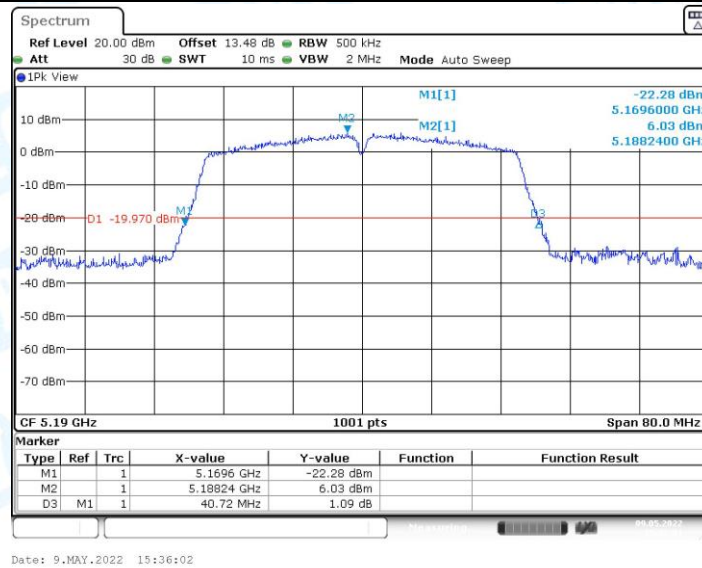
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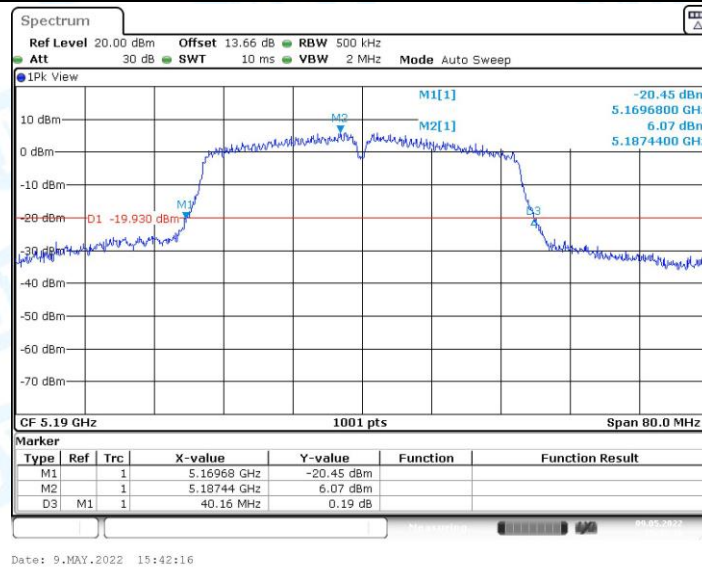
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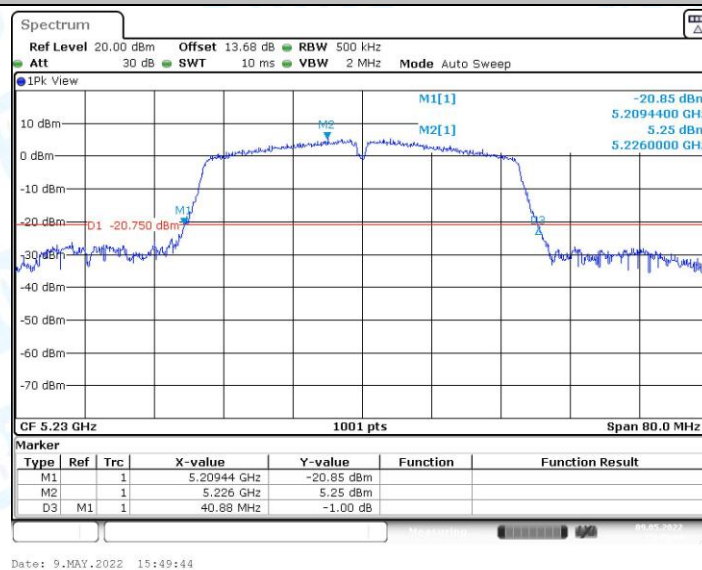
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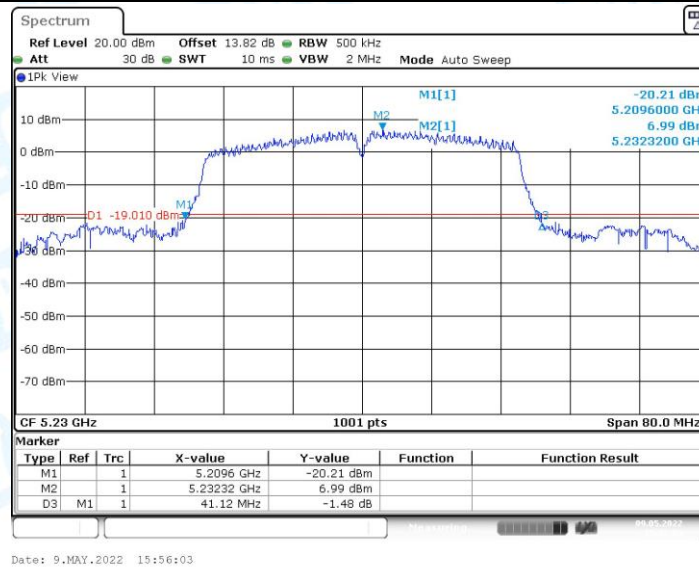
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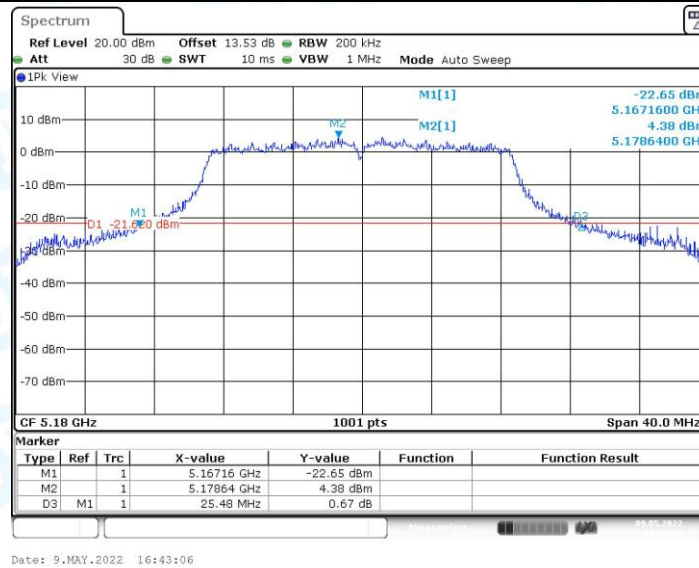
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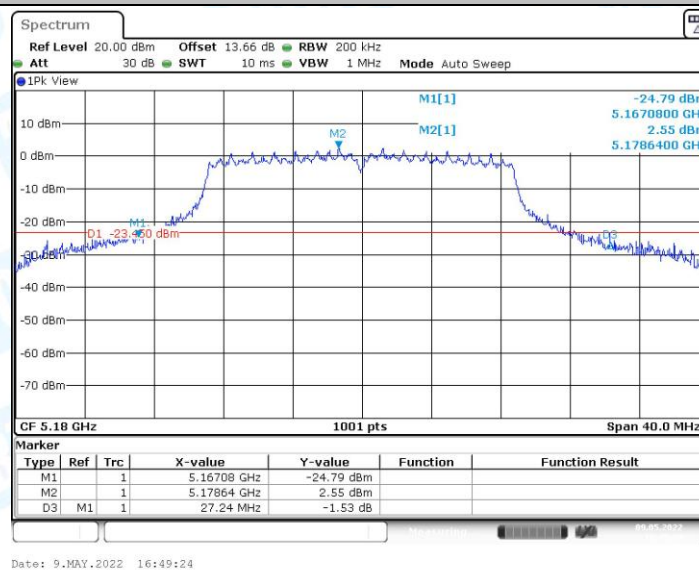
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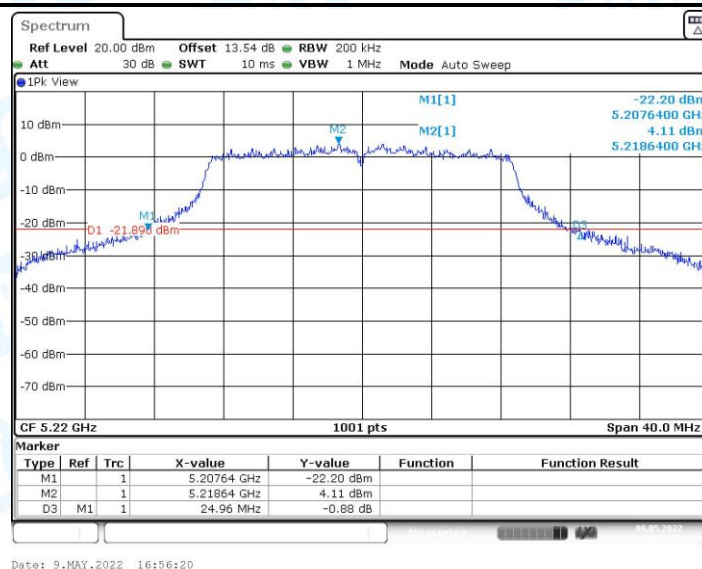
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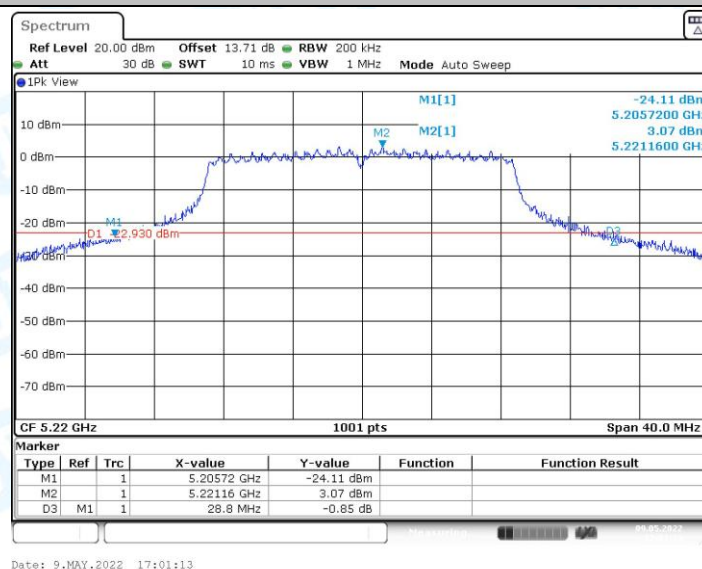
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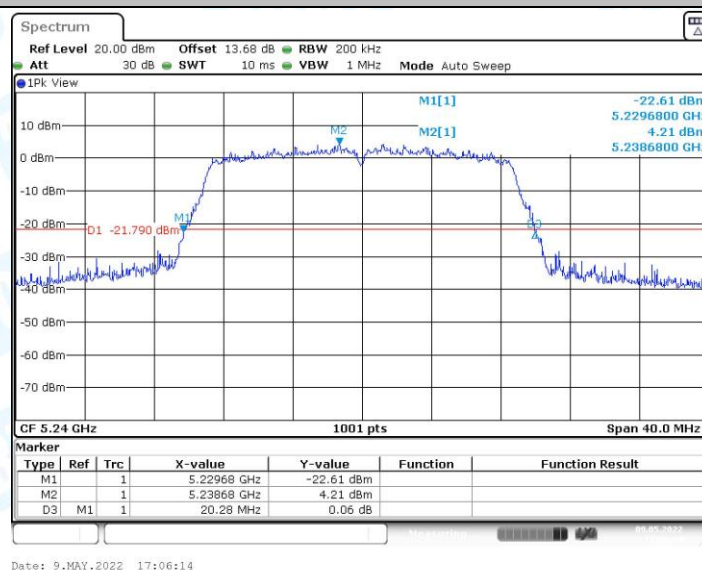
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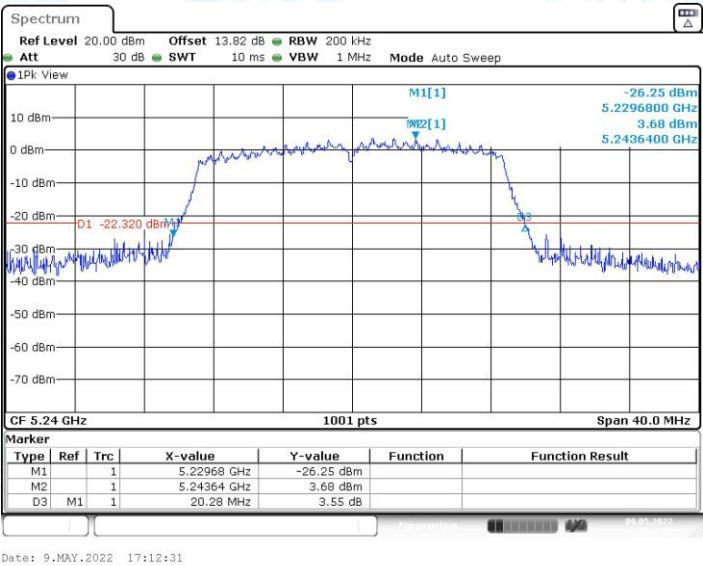
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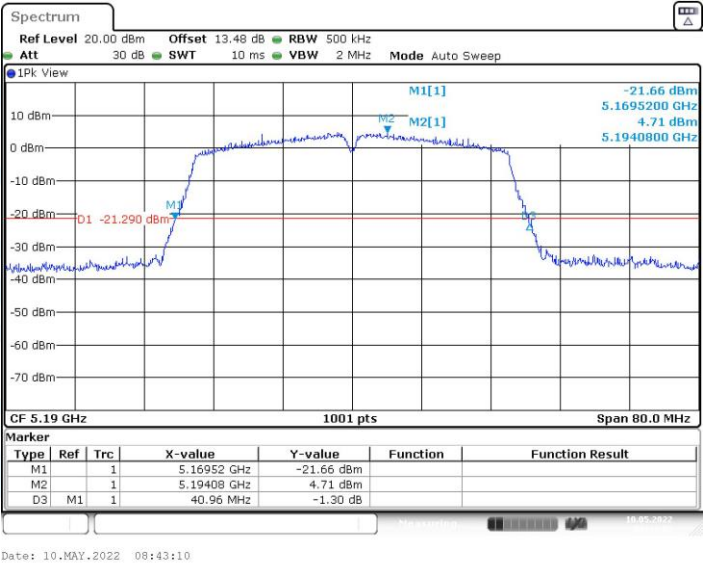
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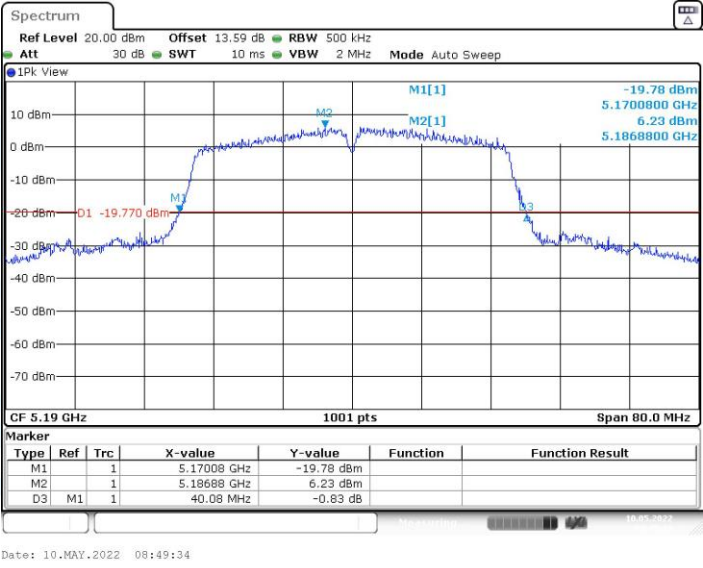
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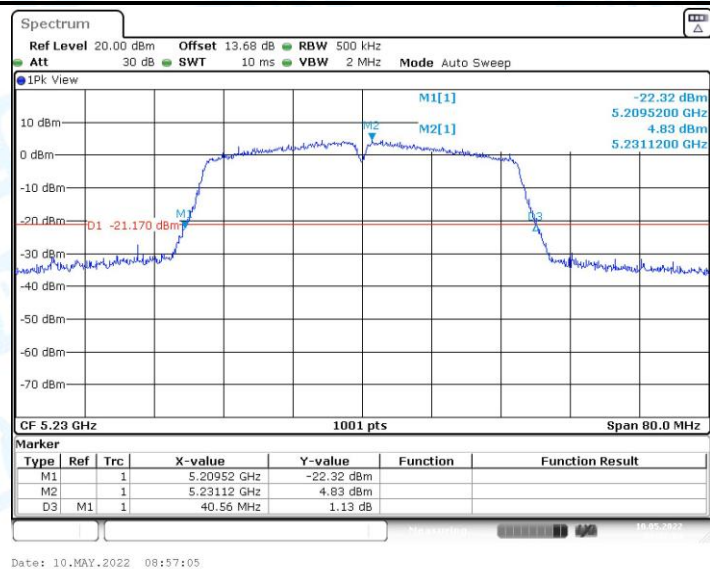
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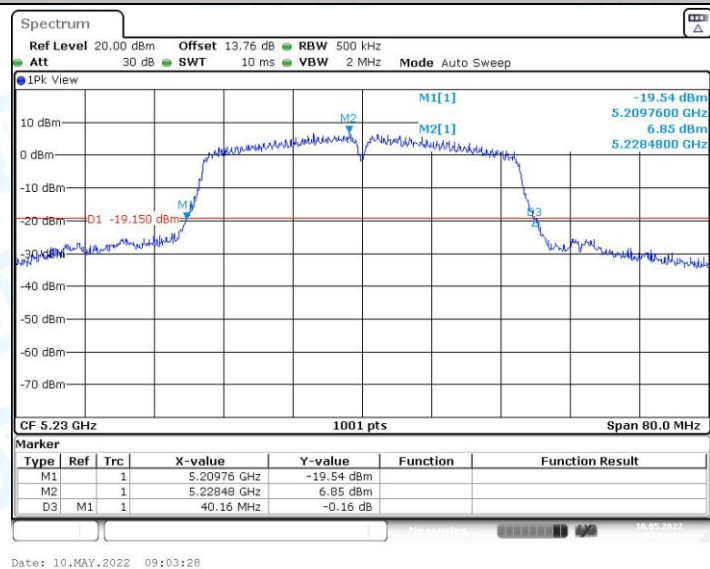
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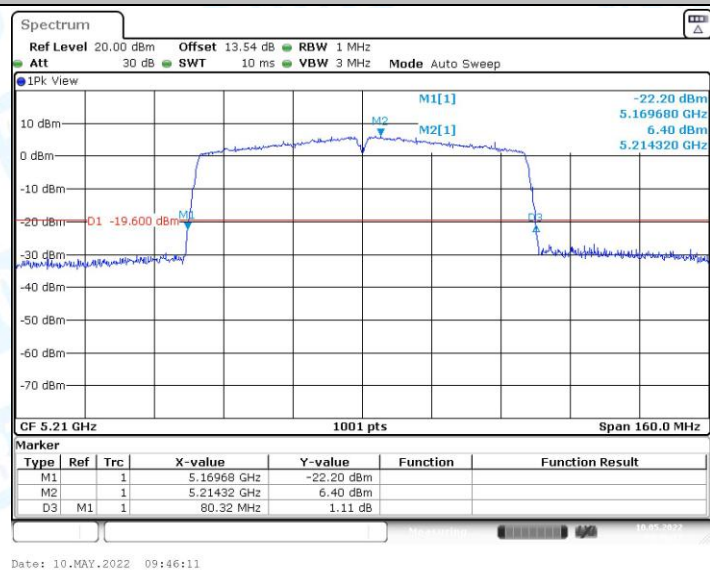
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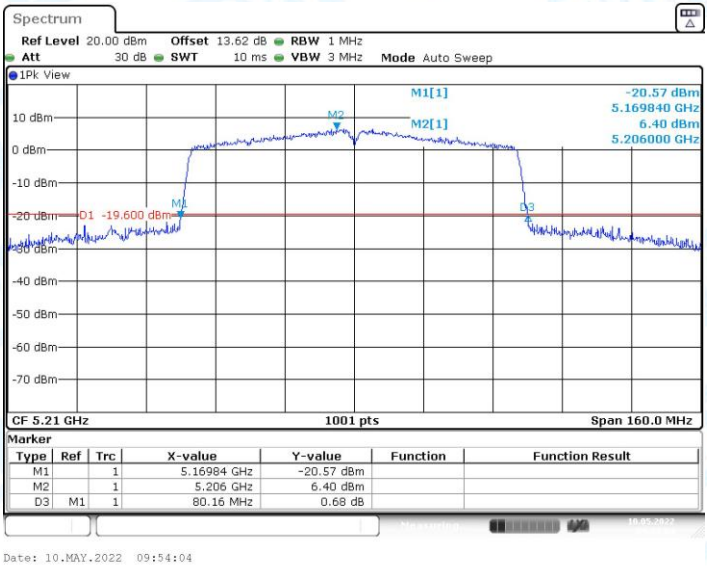
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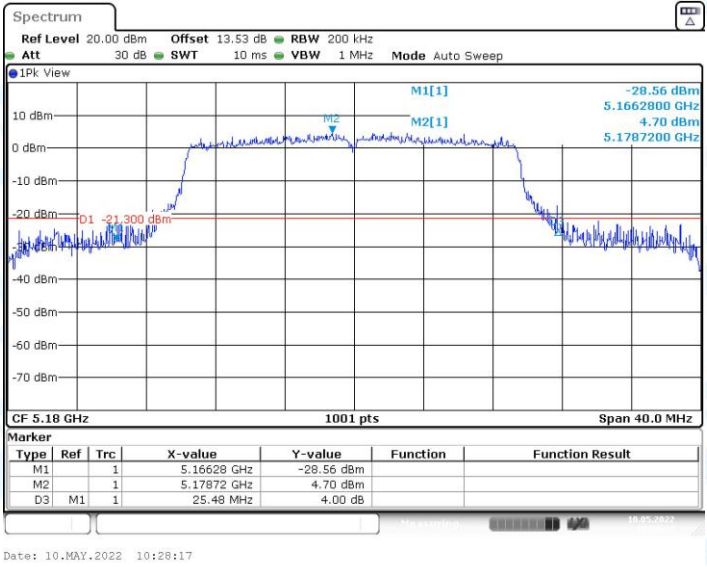
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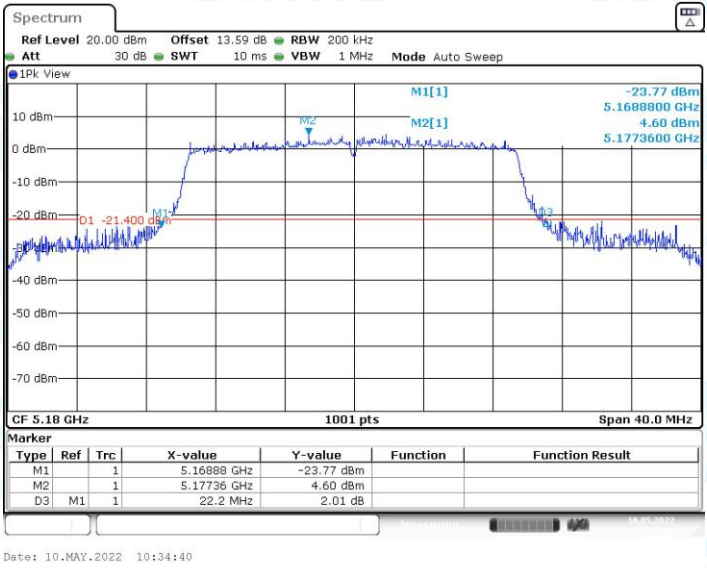
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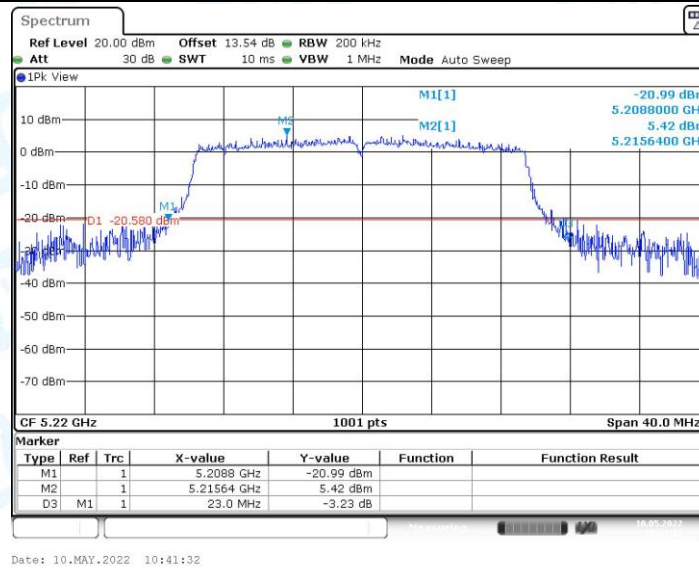
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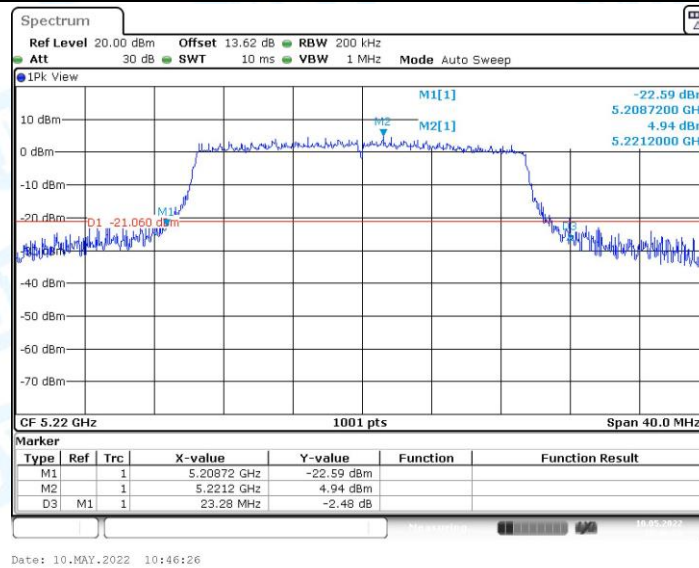
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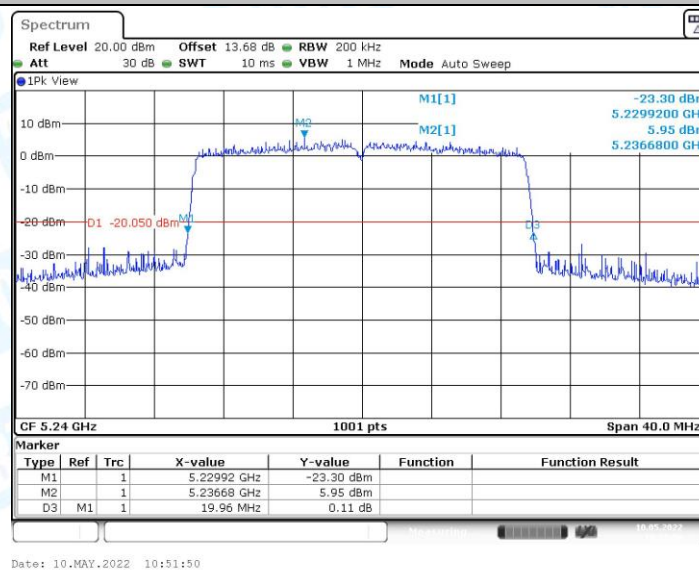
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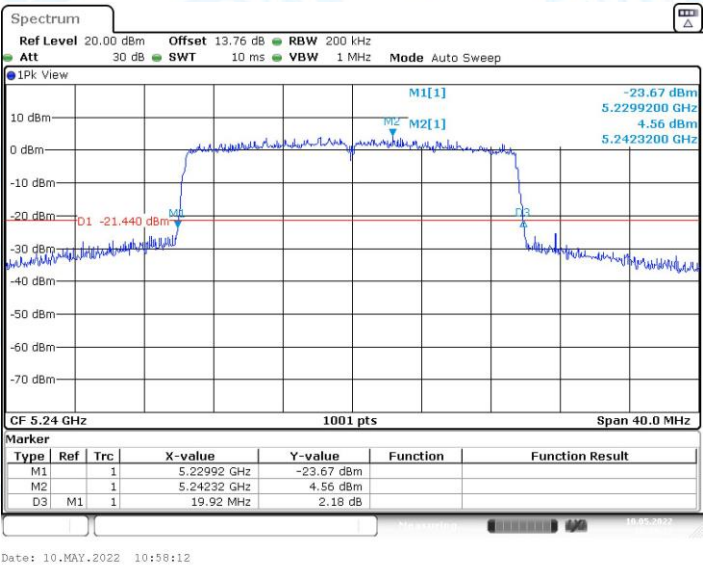
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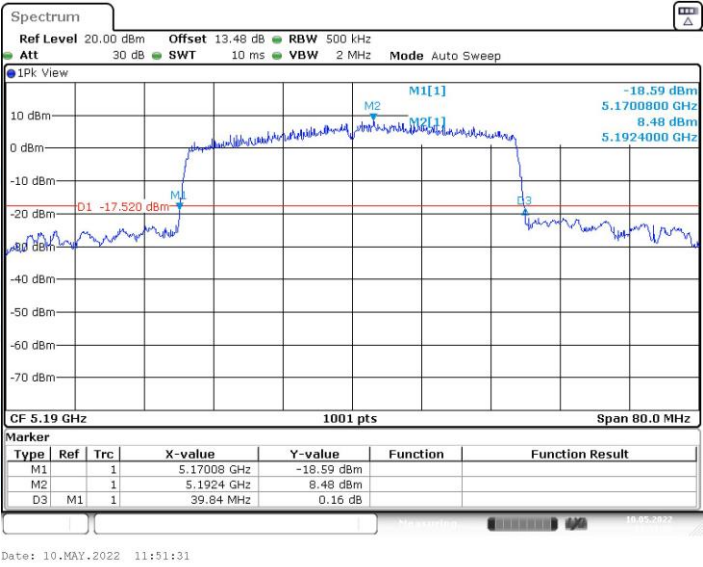
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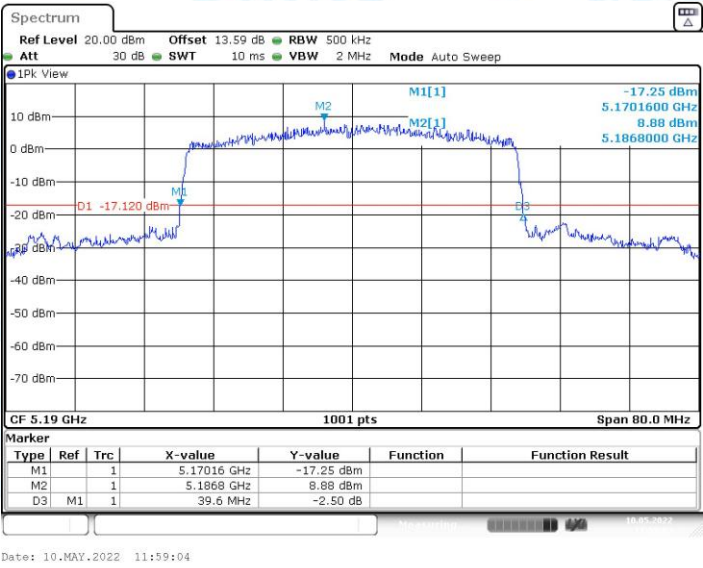
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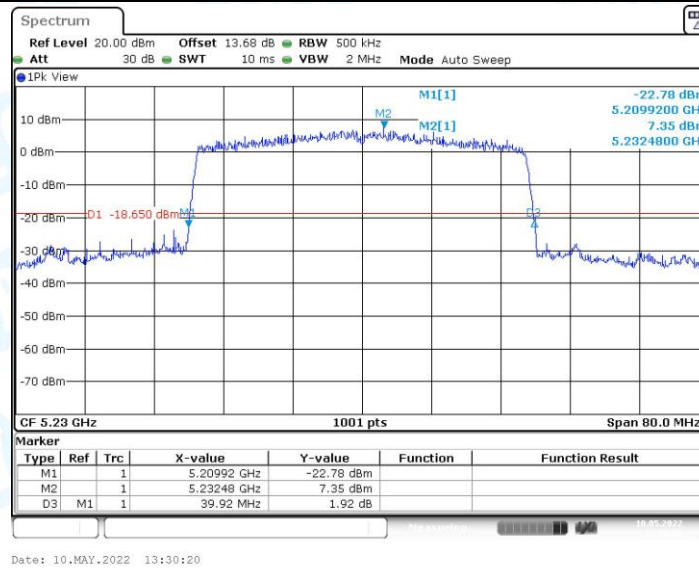
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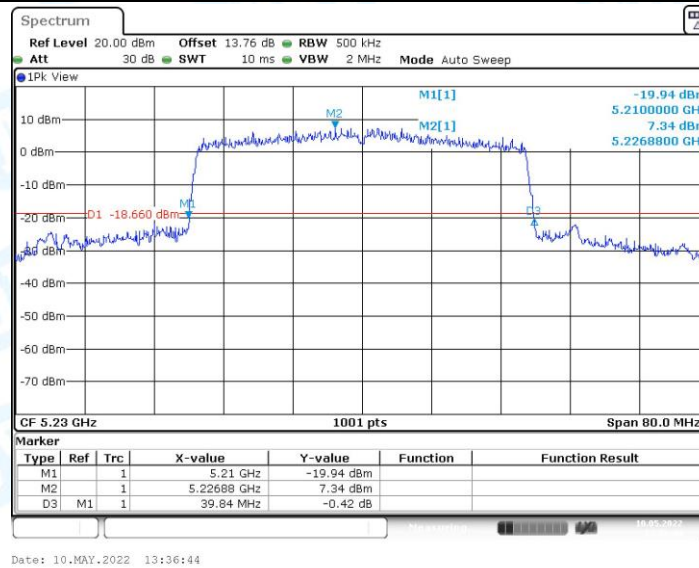
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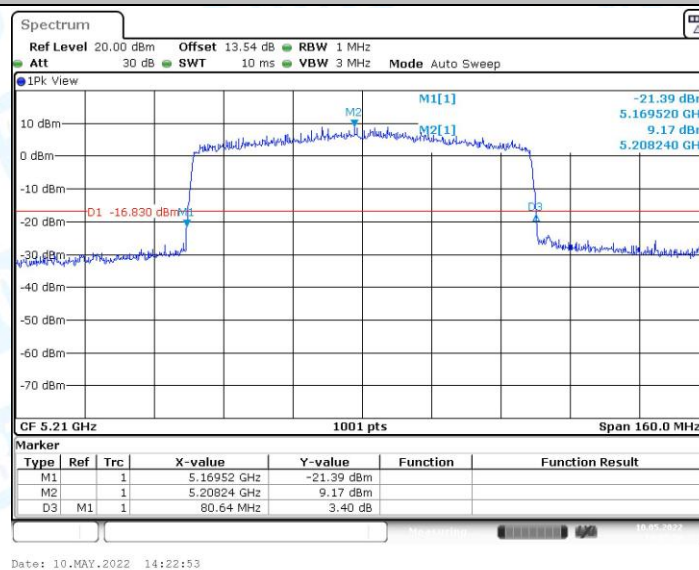
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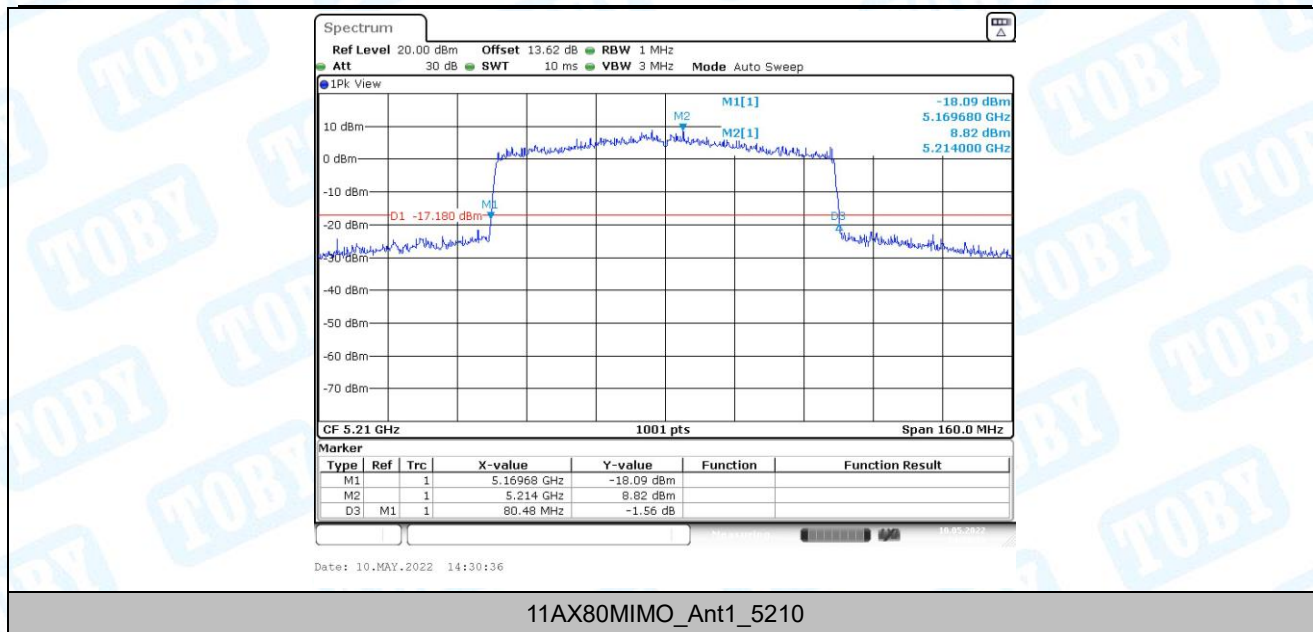
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11AX40MIMO_Ant1_5230



11AX80MIMO_Ant0_5210



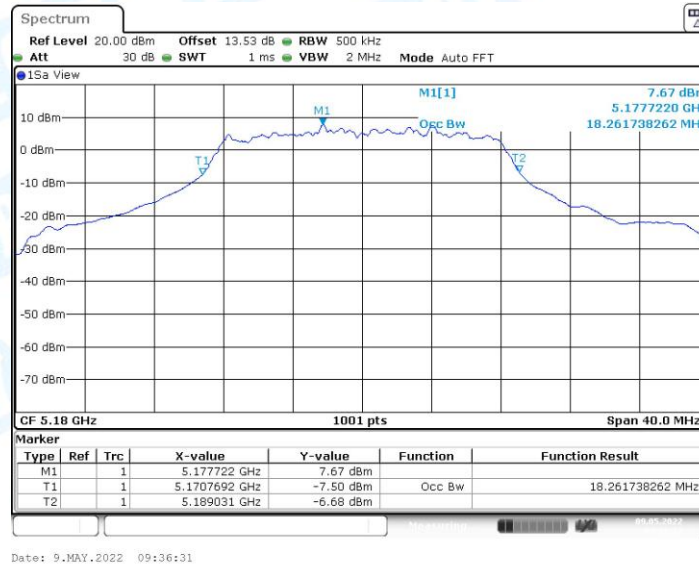
2. Occupied channel bandwidth

2.1. Test Result

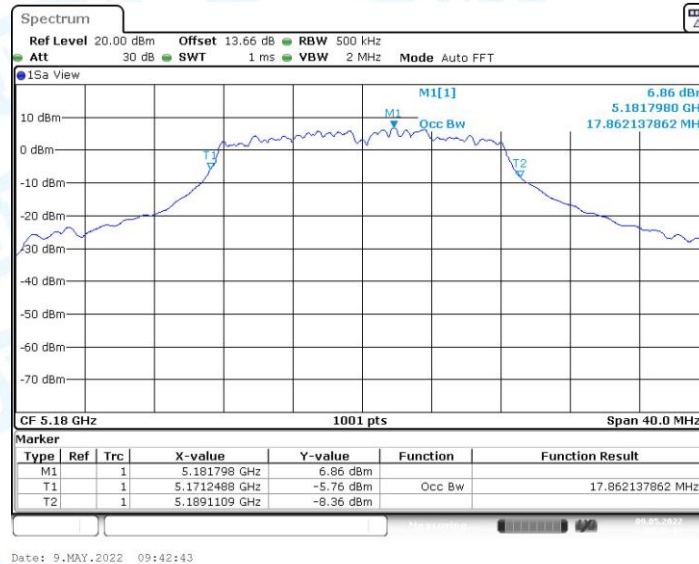
TestMode	Antenna	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11AMIMO	Ant0	5180	18.262	5170.769	5189.031	---	---
	Ant1	5180	17.862	5171.249	5189.111	---	---
	Ant0	5220	18.102	5210.769	5228.871	---	---
	Ant1	5220	17.662	5211.209	5228.871	---	---
	Ant0	5240	16.983	5231.489	5248.472	---	---
	Ant1	5240	17.103	5231.608	5248.711	---	---
	Ant0	5745	17.982	5735.849	5753.831	---	---
	Ant1	5745	17.942	5735.889	5753.831	---	---
	Ant0	5785	17.942	5775.729	5793.671	---	---
	Ant1	5785	17.782	5776.009	5793.791	---	---
	Ant0	5825	17.942	5815.889	5833.831	---	---
	Ant1	5825	17.862	5816.089	5833.951	---	---
11N20MIMO	Ant0	5180	19.421	5170.490	5189.910	---	---
	Ant1	5180	18.422	5170.649	5189.071	---	---
	Ant0	5220	19.221	5209.850	5229.071	---	---
	Ant1	5220	18.541	5210.769	5229.311	---	---
	Ant0	5240	18.102	5230.769	5248.871	---	---
	Ant1	5240	17.822	5231.089	5248.911	---	---
	Ant0	5745	19.141	5735.330	5754.471	---	---
	Ant1	5745	18.501	5735.689	5754.191	---	---
	Ant0	5785	18.302	5775.729	5794.031	---	---
	Ant1	5785	18.581	5775.649	5794.231	---	---
	Ant0	5825	19.061	5815.450	5834.510	---	---
	Ant1	5825	18.422	5816.009	5834.431	---	---
11N40MIMO	Ant0	5190	35.884	5172.018	5207.902	---	---
	Ant1	5190	36.204	5171.698	5207.902	---	---
	Ant0	5230	35.804	5211.938	5247.742	---	---
	Ant1	5230	36.124	5211.938	5248.062	---	---
	Ant0	5755	35.884	5737.018	5772.902	---	---
	Ant1	5755	36.124	5736.858	5772.982	---	---
	Ant0	5795	35.964	5776.938	5812.902	---	---
	Ant1	5795	35.884	5776.778	5812.662	---	---
11AC20MIMO	Ant0	5180	19.66	5170.569	5190.230	---	---
	Ant1	5180	18.861	5170.290	5189.151	---	---
	Ant0	5220	18.821	5210.529	5229.351	---	---
	Ant1	5220	18.262	5210.729	5228.991	---	---
	Ant0	5240	17.822	5231.049	5248.871	---	---
	Ant1	5240	17.662	5231.089	5248.751	---	---
	Ant0	5745	18.901	5735.330	5754.231	---	---
	Ant1	5745	18.501	5735.529	5754.031	---	---
	Ant0	5785	18.462	5775.529	5793.991	---	---

	Ant1	5785	18.501	5775.729	5794.231	---	---
	Ant0	5825	19.261	5815.689	5834.950	---	---
	Ant1	5825	18.581	5815.769	5834.351	---	---
11AC40MIMO	Ant0	5190	35.964	5172.018	5207.982	---	---
	Ant1	5190	35.804	5172.098	5207.902	---	---
	Ant0	5230	35.884	5211.858	5247.742	---	---
	Ant1	5230	36.124	5211.698	5247.822	---	---
	Ant0	5755	35.884	5736.938	5772.822	---	---
	Ant1	5755	36.204	5736.858	5773.062	---	---
	Ant0	5795	35.964	5776.938	5812.902	---	---
	Ant1	5795	36.204	5777.018	5813.222	---	---
11AC80MIMO	Ant0	5210	75.285	5172.438	5247.722	---	---
	Ant1	5210	75.764	5171.958	5247.722	---	---
	Ant0	5775	75.604	5736.958	5812.562	---	---
	Ant1	5775	75.604	5737.438	5813.042	---	---
11AX20MIMO	Ant0	5180	19.461	5170.290	5189.750	---	---
	Ant1	5180	19.181	5170.330	5189.510	---	---
	Ant0	5220	19.181	5210.250	5229.431	---	---
	Ant1	5220	19.261	5210.170	5229.431	---	---
	Ant0	5240	18.821	5230.490	5249.311	---	---
	Ant1	5240	18.941	5230.410	5249.351	---	---
	Ant0	5745	19.061	5735.370	5754.431	---	---
	Ant1	5745	19.221	5735.210	5754.431	---	---
	Ant0	5785	19.141	5775.330	5794.471	---	---
	Ant1	5785	19.101	5775.330	5794.431	---	---
	Ant0	5825	19.381	5815.090	5834.471	---	---
	Ant1	5825	19.141	5815.330	5834.471	---	---
11AX40MIMO	Ant0	5190	37.722	5171.219	5208.941	---	---
	Ant1	5190	37.562	5171.299	5208.861	---	---
	Ant0	5230	37.403	5211.219	5248.621	---	---
	Ant1	5230	37.483	5211.059	5248.541	---	---
	Ant0	5755	37.722	5736.059	5773.781	---	---
	Ant1	5755	37.802	5736.139	5773.941	---	---
	Ant0	5795	37.642	5776.059	5813.701	---	---
	Ant1	5795	37.403	5776.379	5813.781	---	---
11AX80MIMO	Ant0	5210	77.363	5171.319	5248.681	---	---
	Ant1	5210	76.563	5171.479	5248.042	---	---
	Ant0	5775	77.363	5735.999	5813.362	---	---
	Ant1	5775	77.043	5736.798	5813.841	---	---

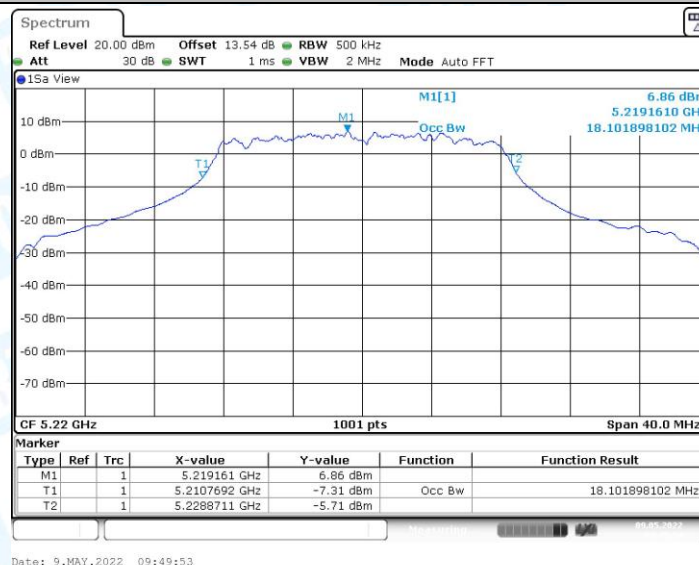
2.2. Test Graphs



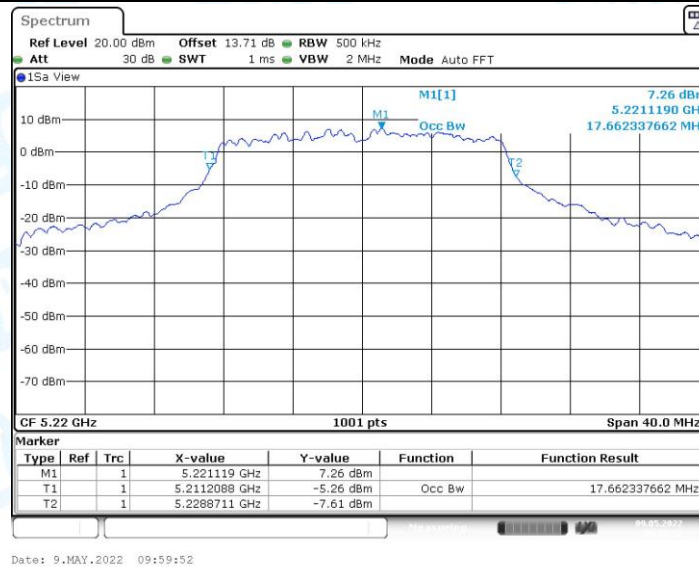
11AMIMO_Ant0_5180



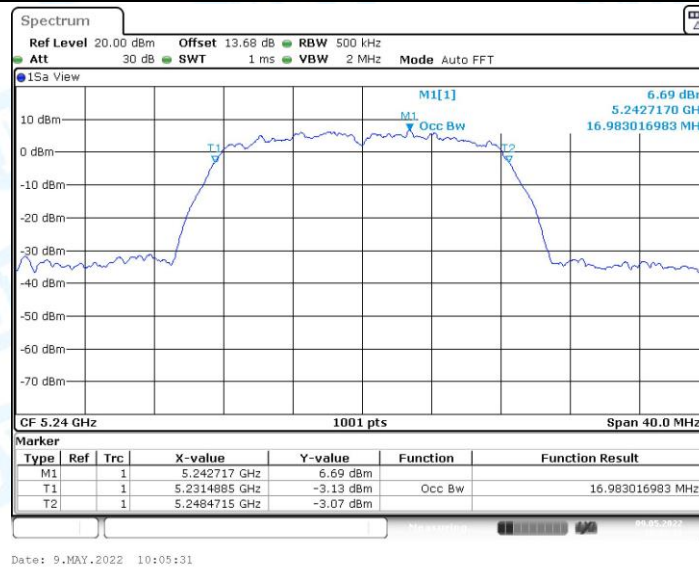
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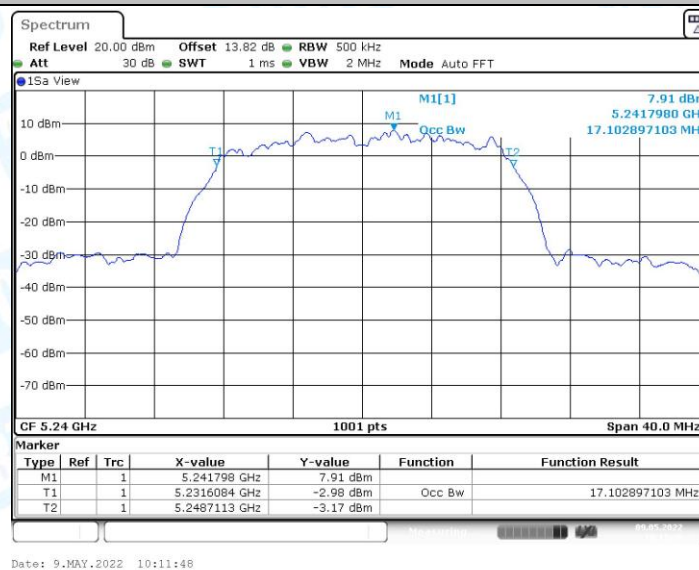
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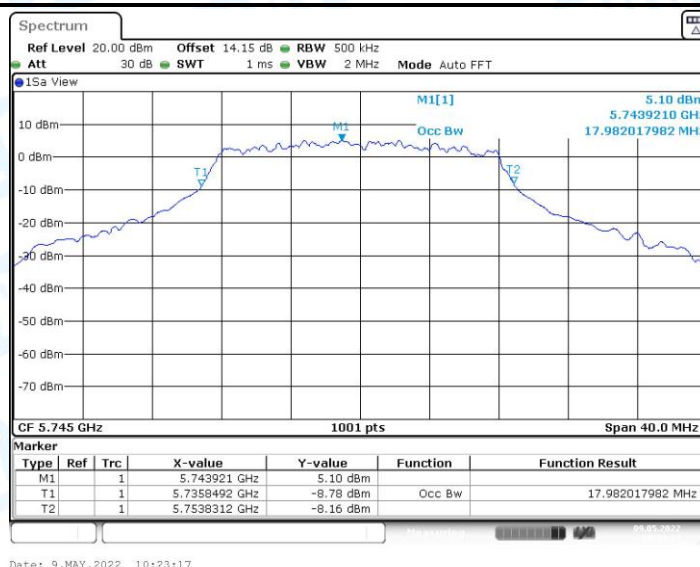
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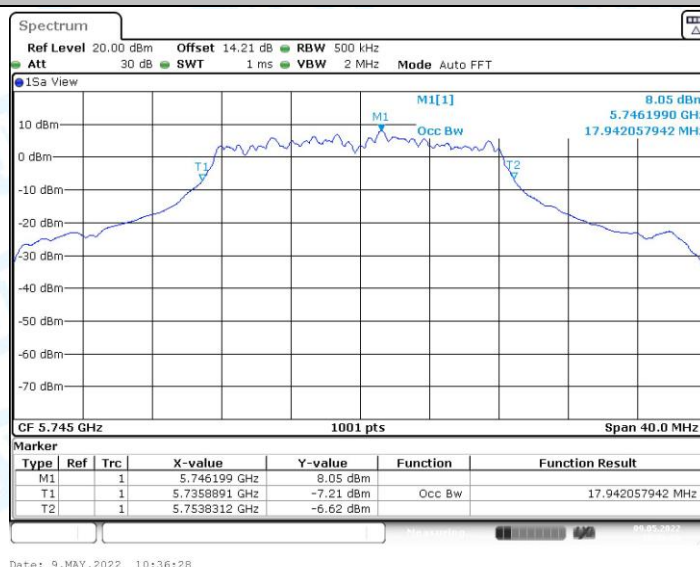
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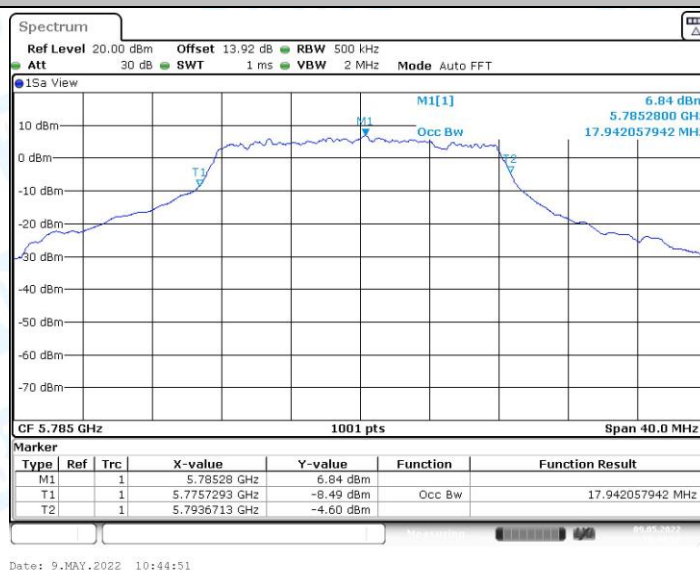
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11AMIMO_Ant0_5745



11AMIMO_Ant1_5745



11AMIMO_Ant0_5785