

RF Test Data for 2.4G 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-202204-0125-112. 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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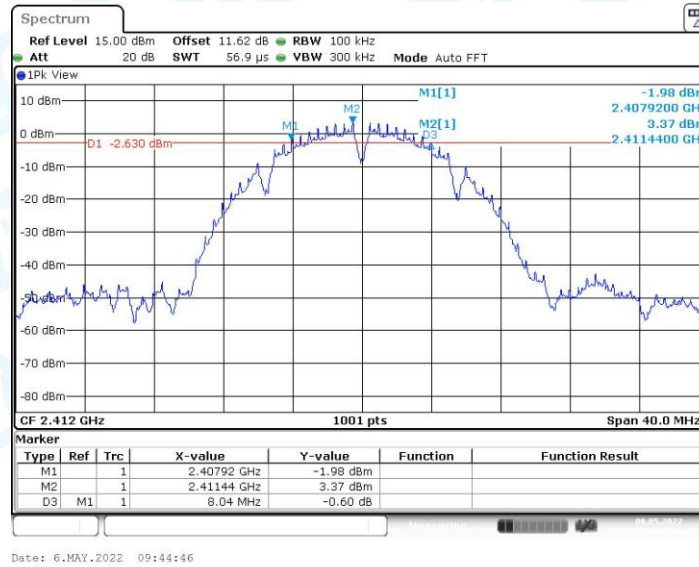
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1. DTS Bandwidth

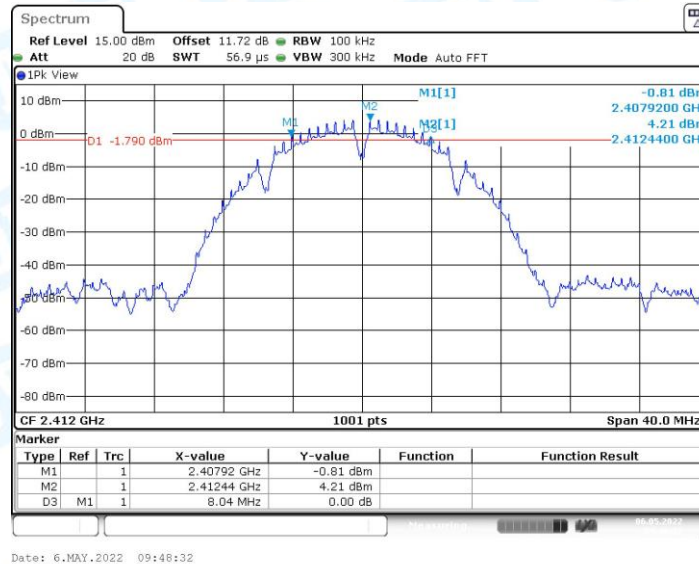
1.1. Test Result

TestMode	Antenna	Channel	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11BMIMO	Ant0	2412	8.04	2407.92	2415.96	0.5	PASS
	Ant1	2412	8.04	2407.92	2415.96	0.5	PASS
	Ant0	2437	8.04	2432.92	2440.96	0.5	PASS
	Ant1	2437	8.04	2432.92	2440.96	0.5	PASS
	Ant0	2462	8.04	2457.92	2465.96	0.5	PASS
	Ant1	2462	8.04	2457.96	2466.00	0.5	PASS
11GMIMO	Ant0	2412	15.08	2404.40	2419.48	0.5	PASS
	Ant1	2412	16.32	2403.80	2420.12	0.5	PASS
	Ant0	2437	16.28	2428.80	2445.08	0.5	PASS
	Ant1	2437	15.48	2429.04	2444.52	0.5	PASS
	Ant0	2462	16.28	2453.80	2470.08	0.5	PASS
	Ant1	2462	15.72	2454.40	2470.12	0.5	PASS
11N20MIMO	Ant0	2412	15.72	2403.80	2419.52	0.5	PASS
	Ant1	2412	15.12	2404.40	2419.52	0.5	PASS
	Ant0	2437	17.52	2428.20	2445.72	0.5	PASS
	Ant1	2437	17.56	2428.16	2445.72	0.5	PASS
	Ant0	2462	17.16	2453.16	2470.32	0.5	PASS
	Ant1	2462	16.28	2454.44	2470.72	0.5	PASS
11N40MIMO	Ant0	2422	35.12	2404.40	2439.52	0.5	PASS
	Ant1	2422	35.52	2404.00	2439.52	0.5	PASS
	Ant0	2437	35.04	2419.40	2454.44	0.5	PASS
	Ant1	2437	36.00	2418.76	2454.76	0.5	PASS
	Ant0	2452	35.12	2434.40	2469.52	0.5	PASS
	Ant1	2452	35.12	2434.40	2469.52	0.5	PASS
11AX20MIMO	Ant0	2412	16.40	2404.08	2420.48	0.5	PASS
	Ant1	2412	16.80	2402.68	2419.48	0.5	PASS
	Ant0	2437	17.12	2428.16	2445.28	0.5	PASS
	Ant1	2437	17.68	2427.88	2445.56	0.5	PASS
	Ant0	2462	18.00	2452.72	2470.72	0.5	PASS
	Ant1	2462	17.36	2453.96	2471.32	0.5	PASS
11AX40MIMO	Ant0	2422	37.20	2403.60	2440.80	0.5	PASS
	Ant1	2422	36.40	2403.12	2439.52	0.5	PASS
	Ant0	2437	36.32	2419.40	2455.72	0.5	PASS
	Ant1	2437	37.60	2418.12	2455.72	0.5	PASS
	Ant0	2452	36.32	2434.40	2470.72	0.5	PASS
	Ant1	2452	36.56	2434.40	2470.96	0.5	PASS

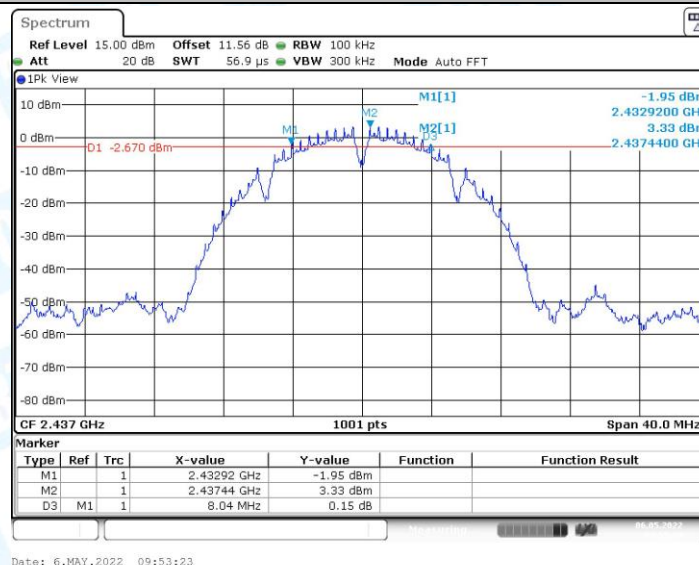
1.2. Test Graphs



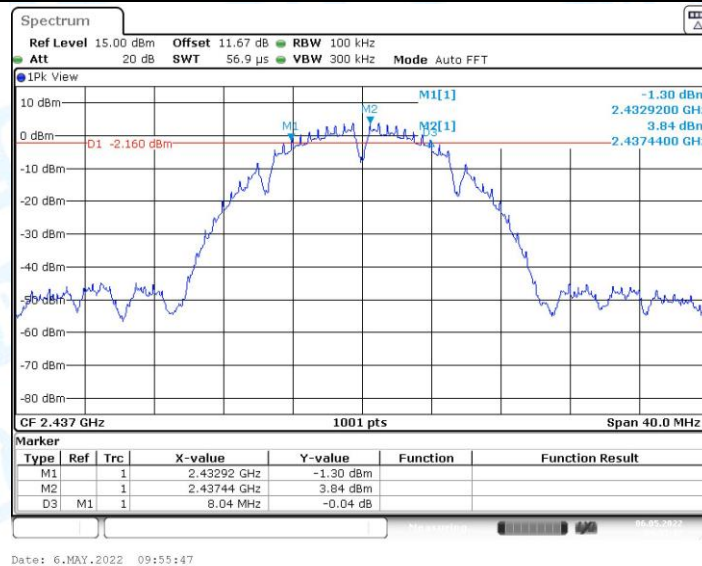
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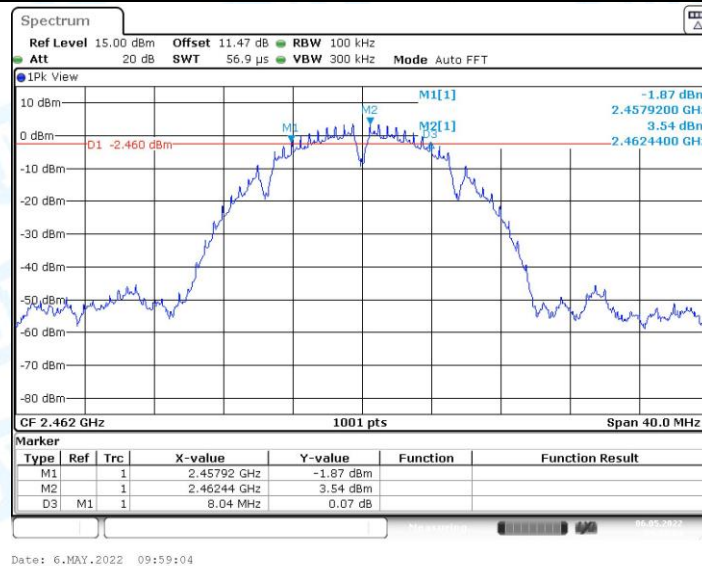
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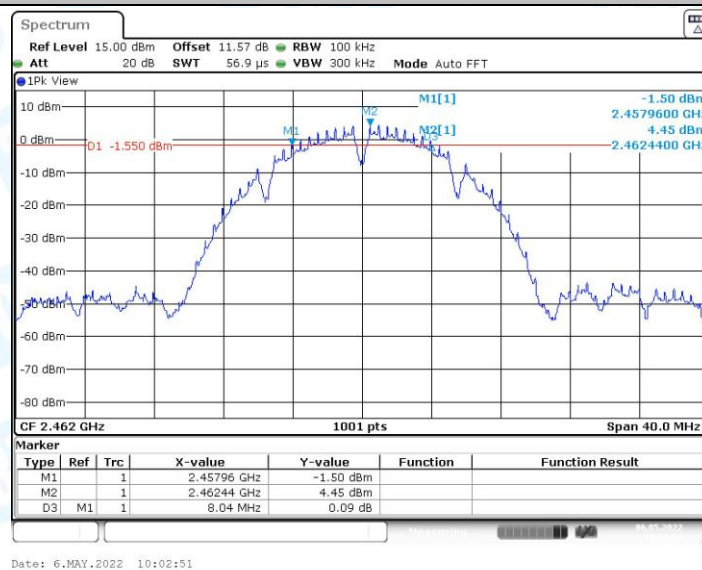
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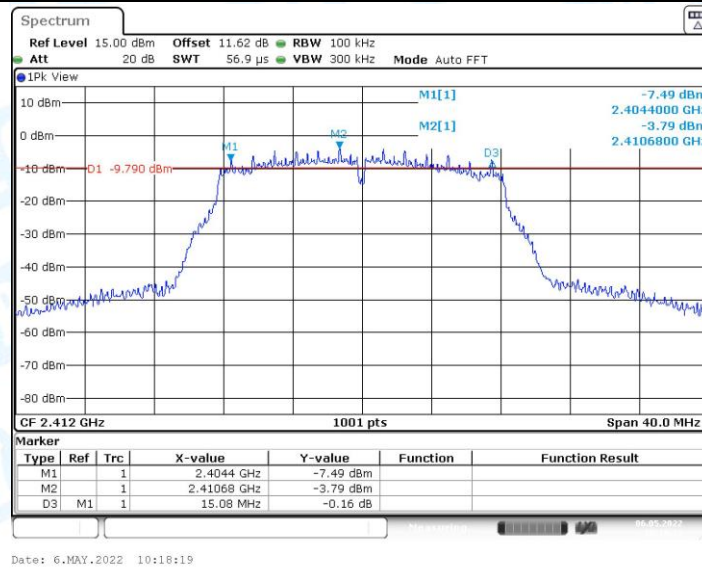
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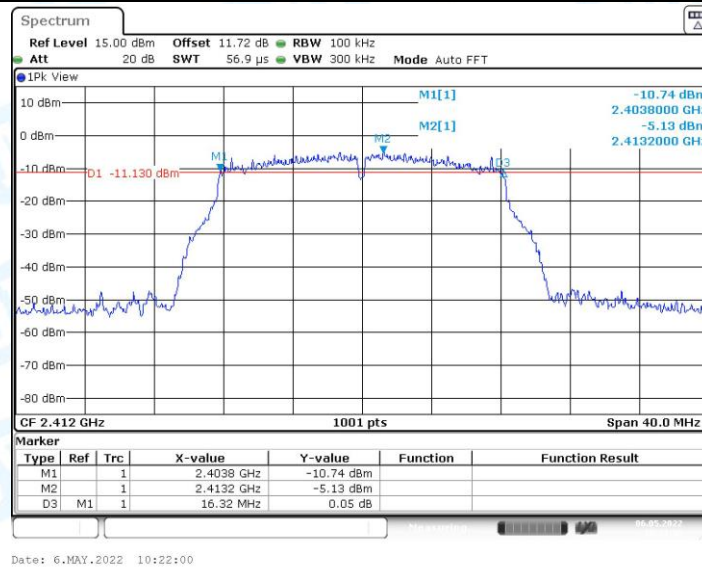
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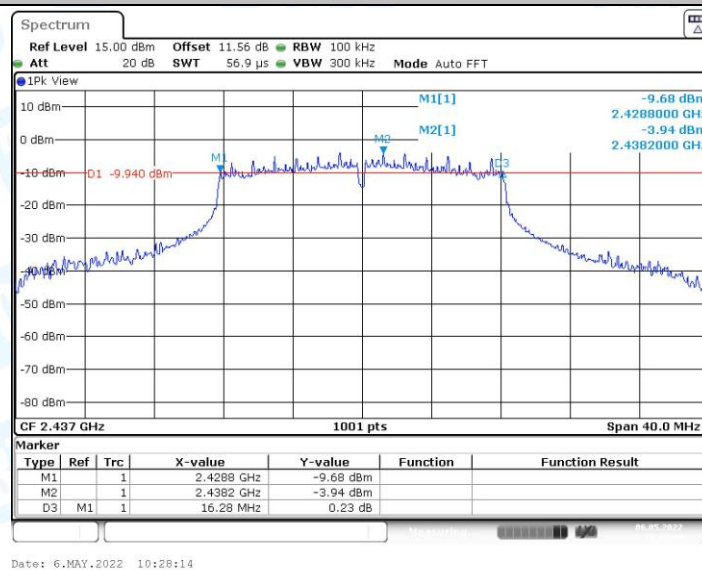
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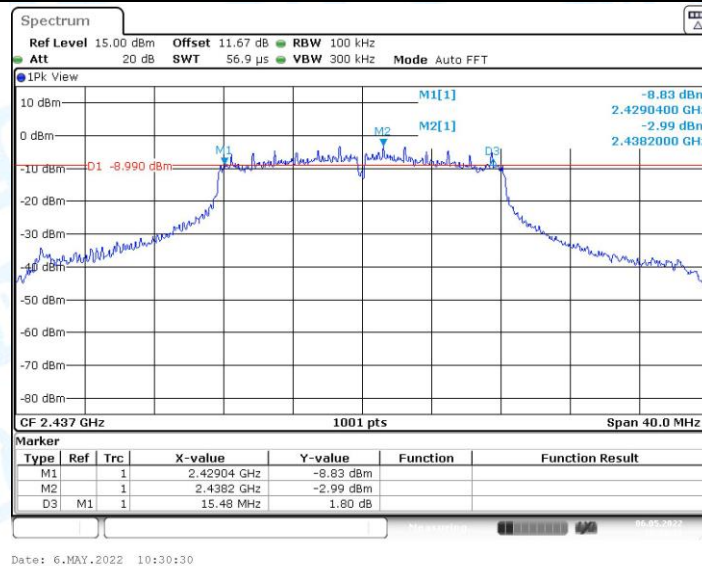
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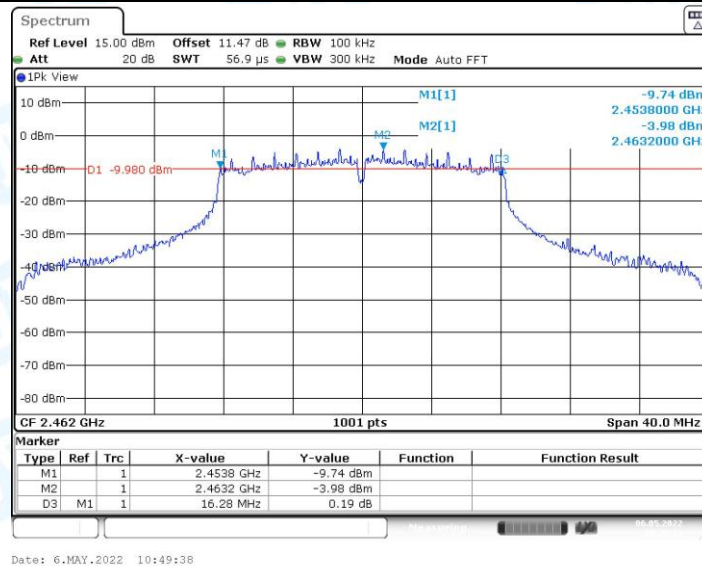
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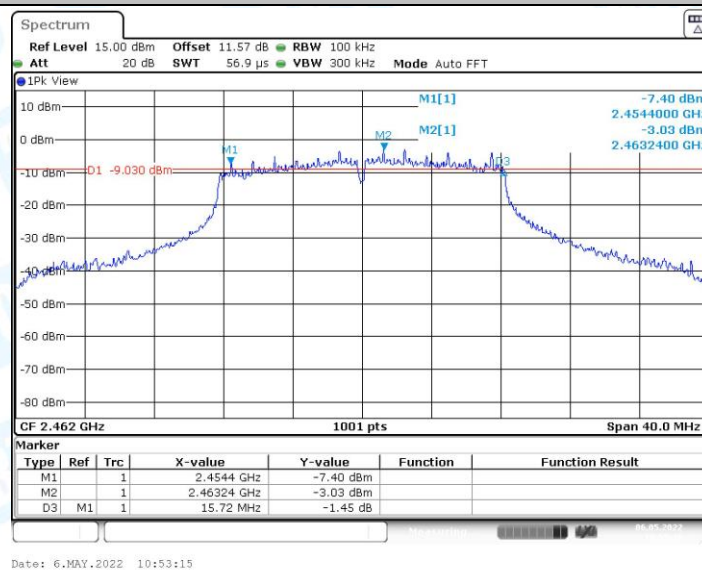
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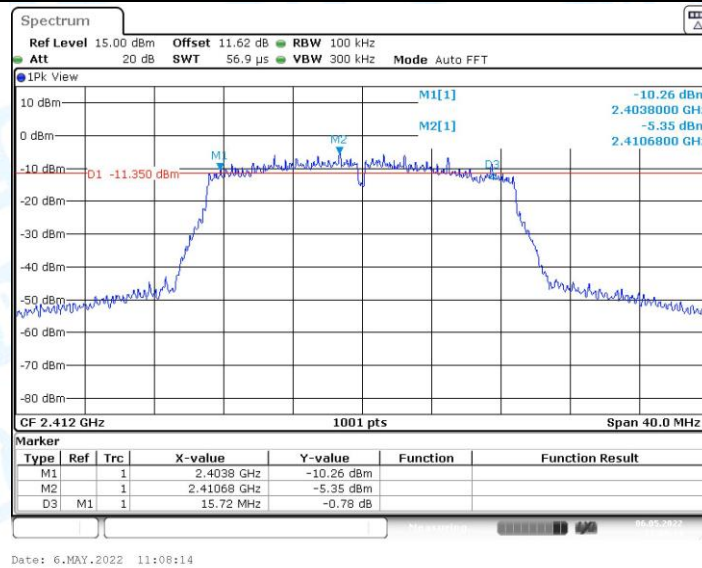
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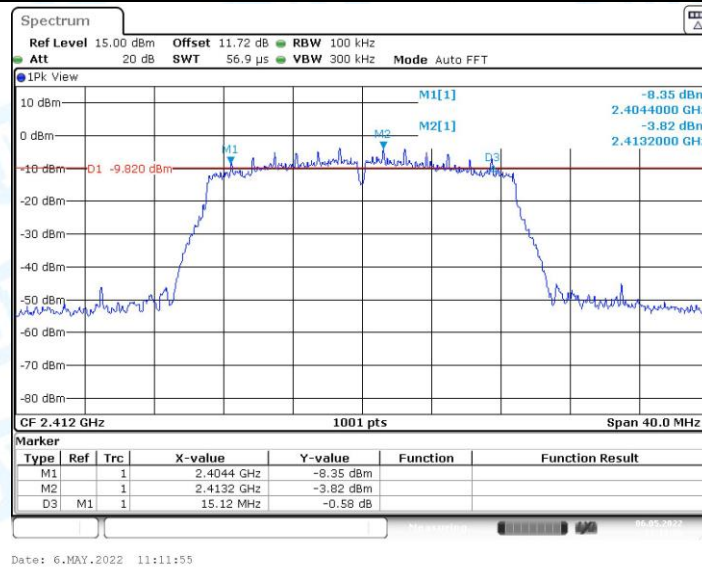
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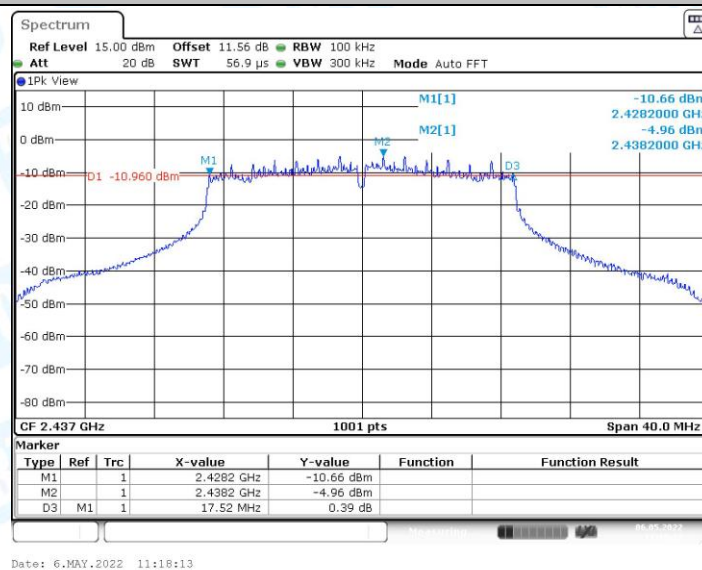
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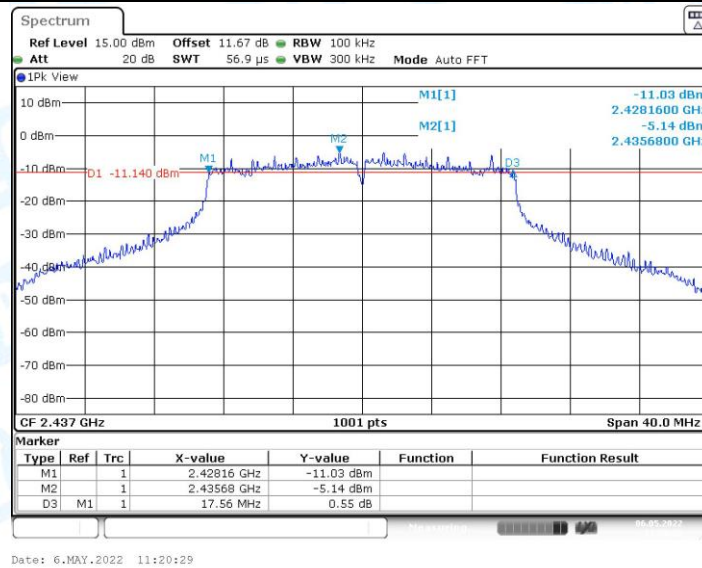
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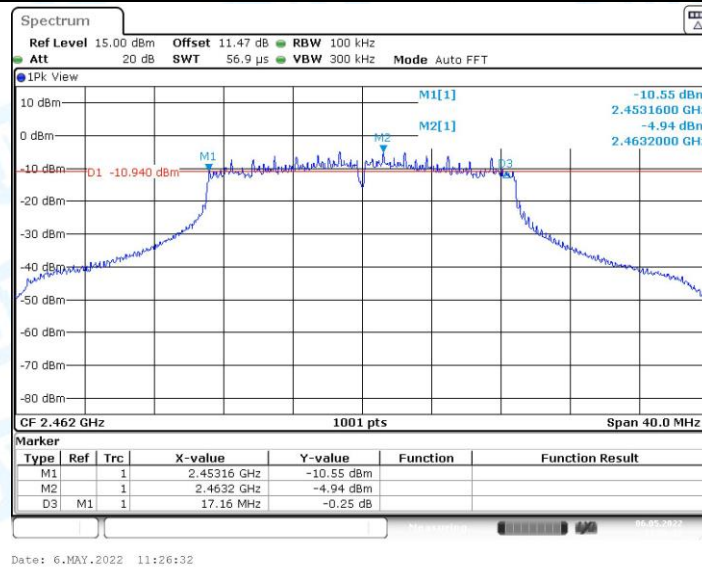
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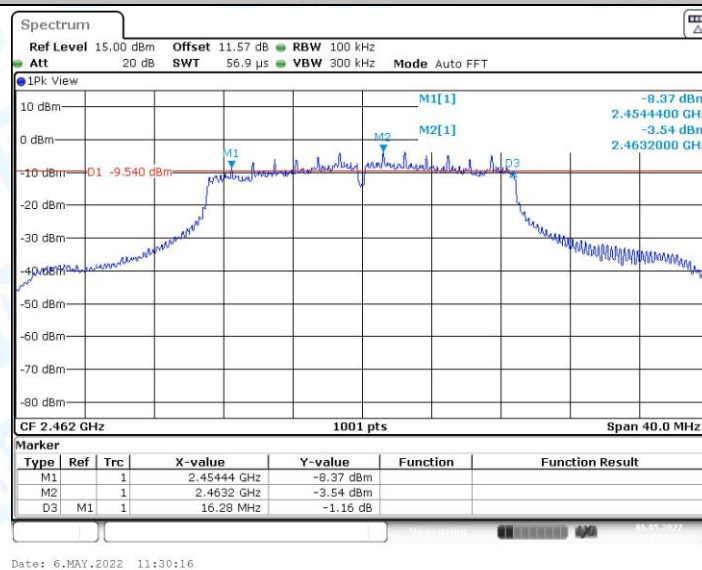
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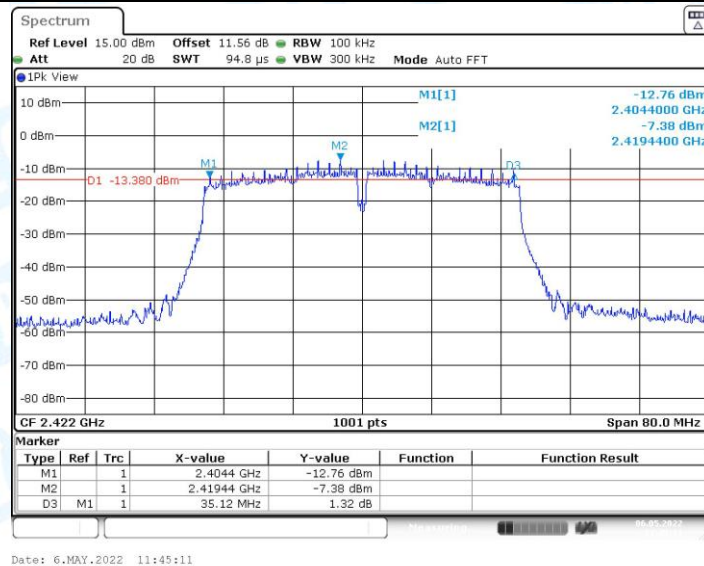
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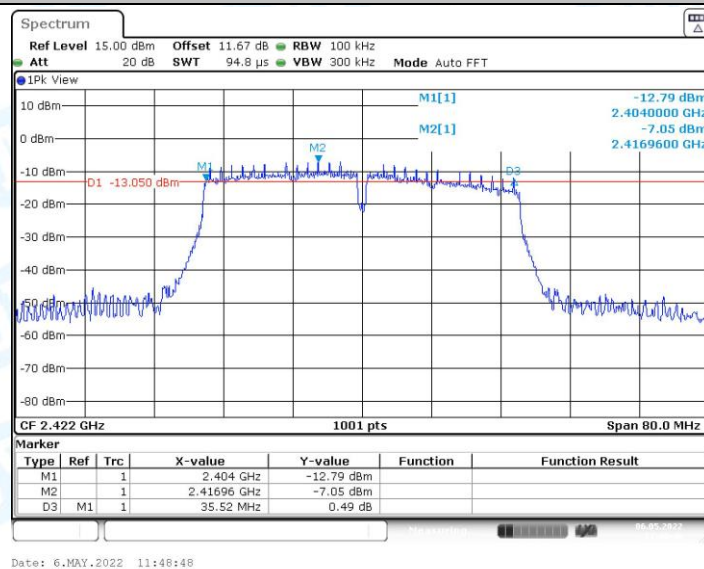
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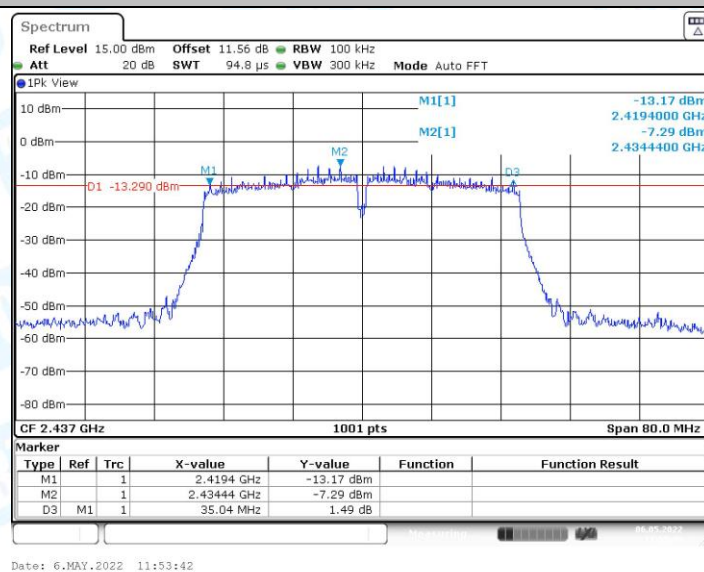
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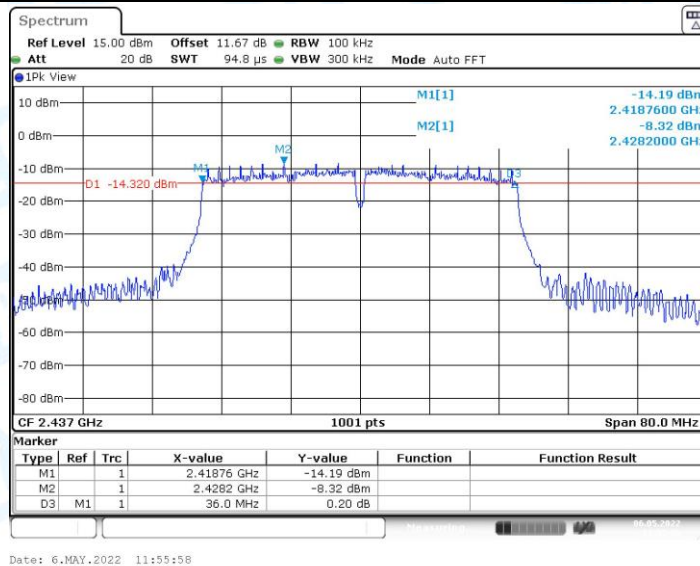
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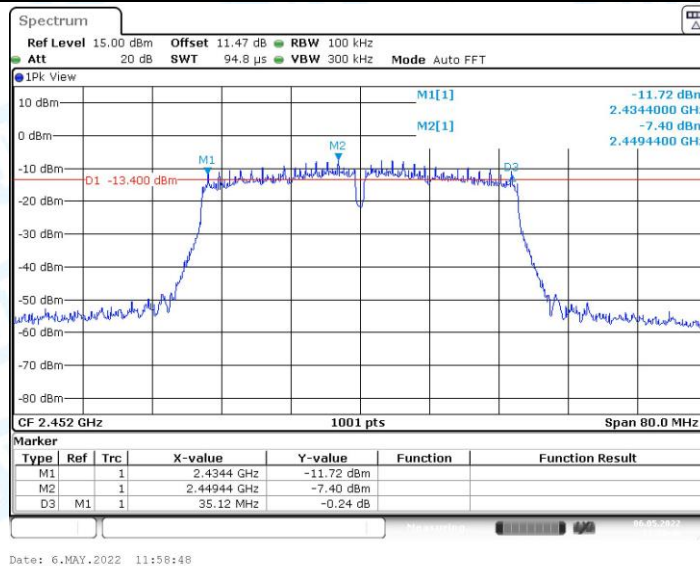
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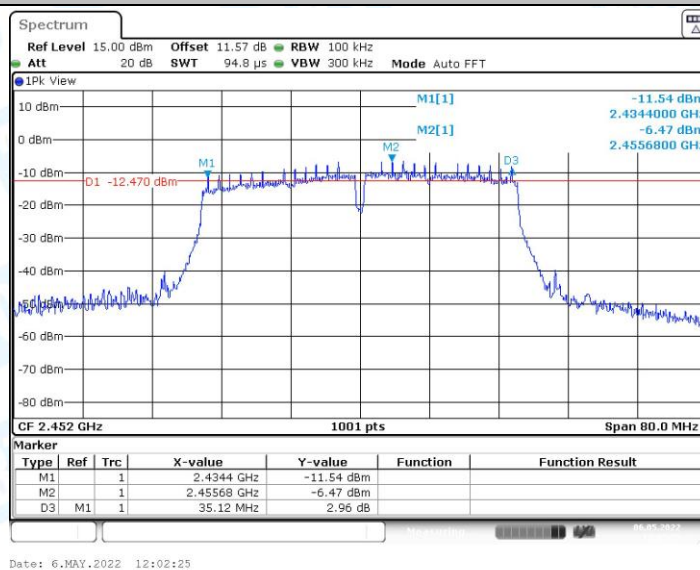
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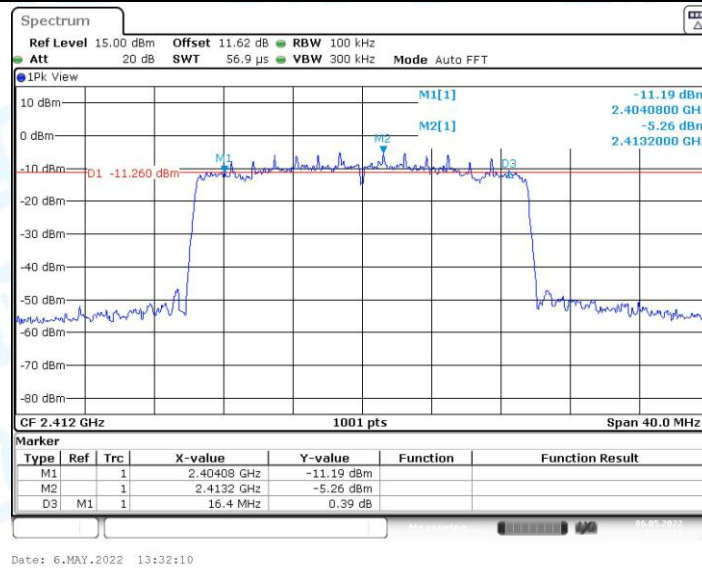
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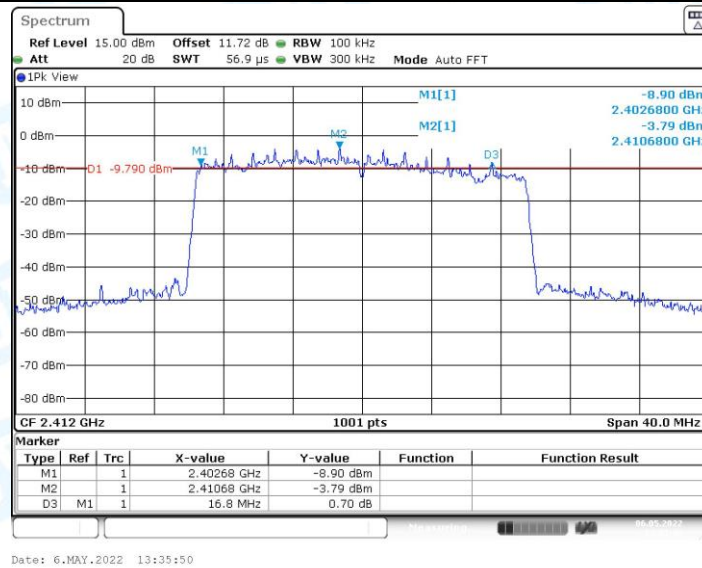
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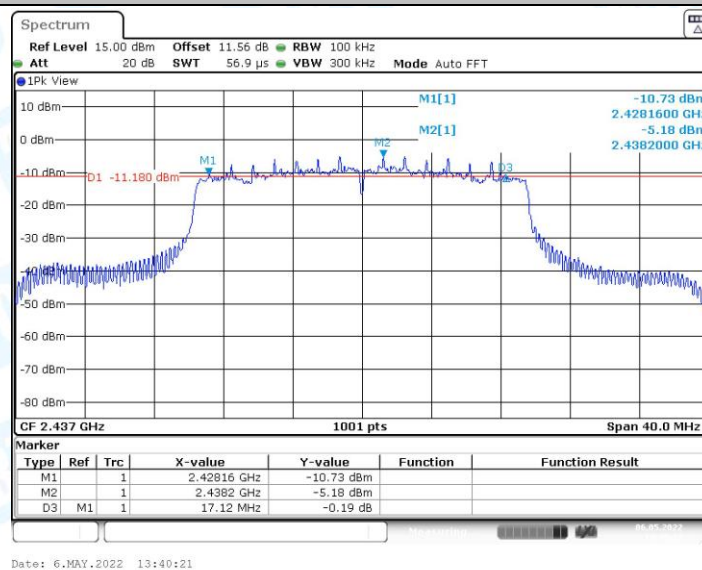
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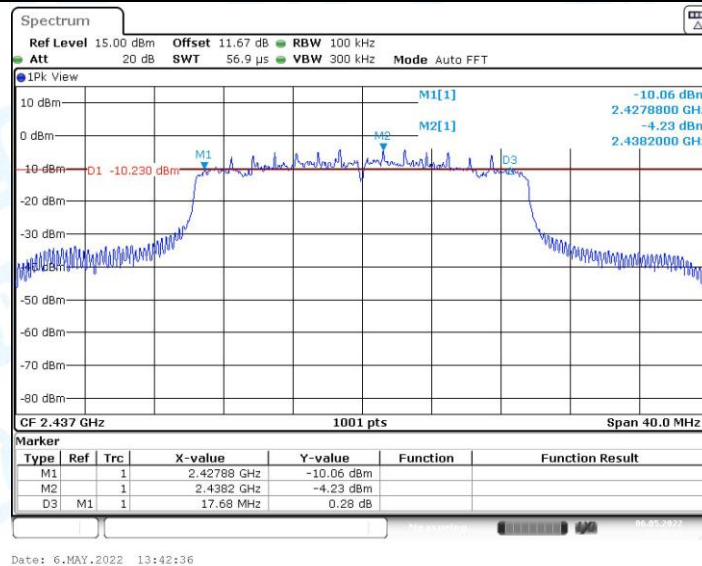
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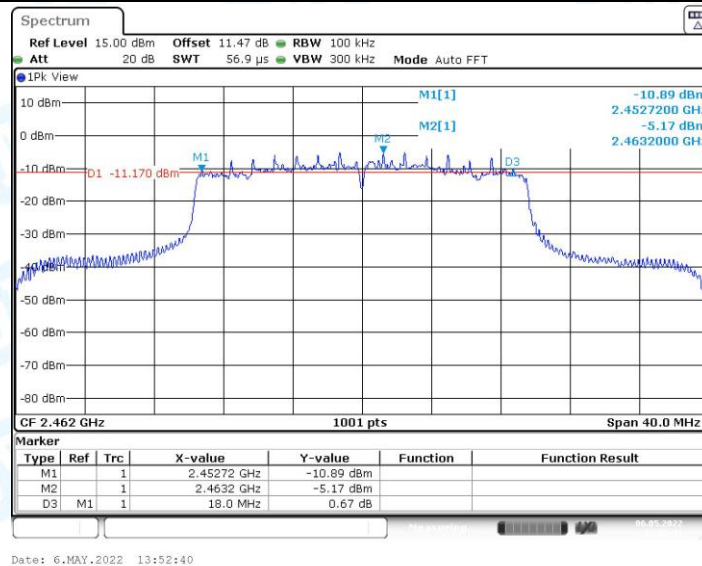
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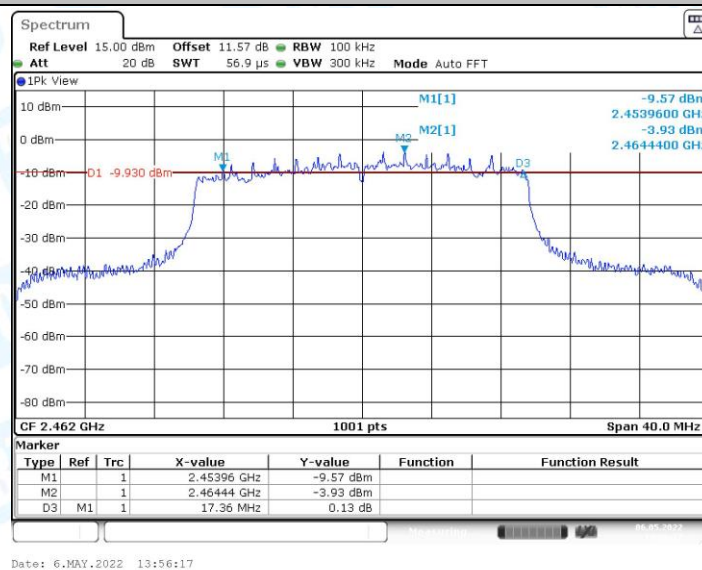
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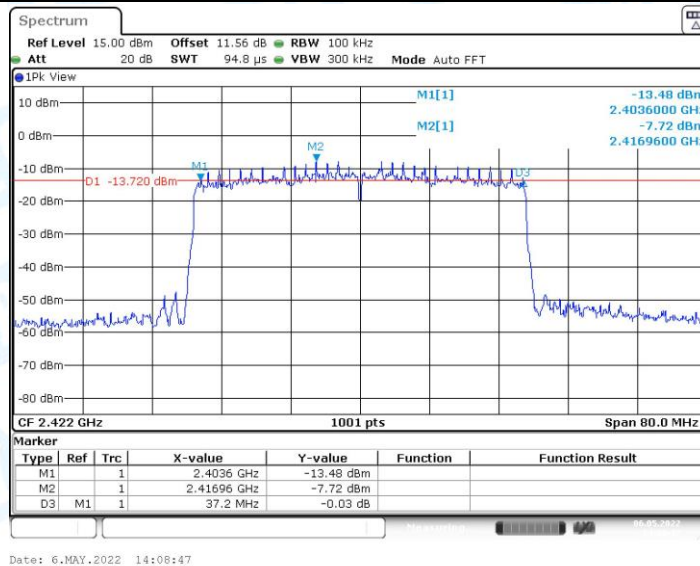
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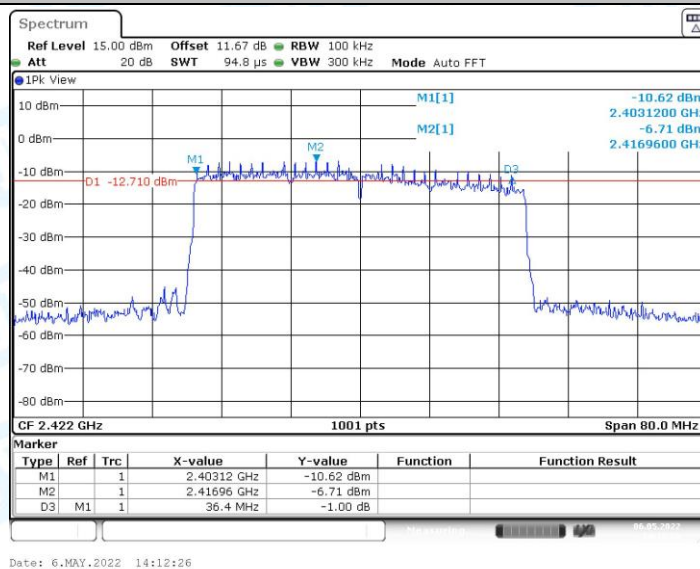
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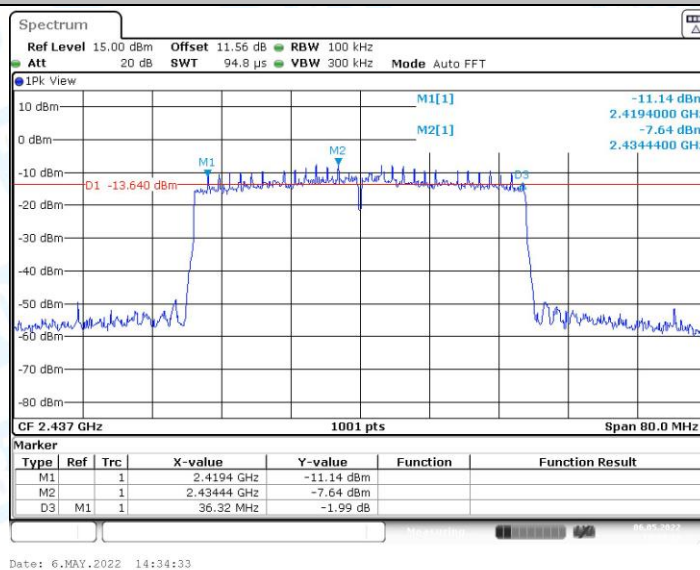
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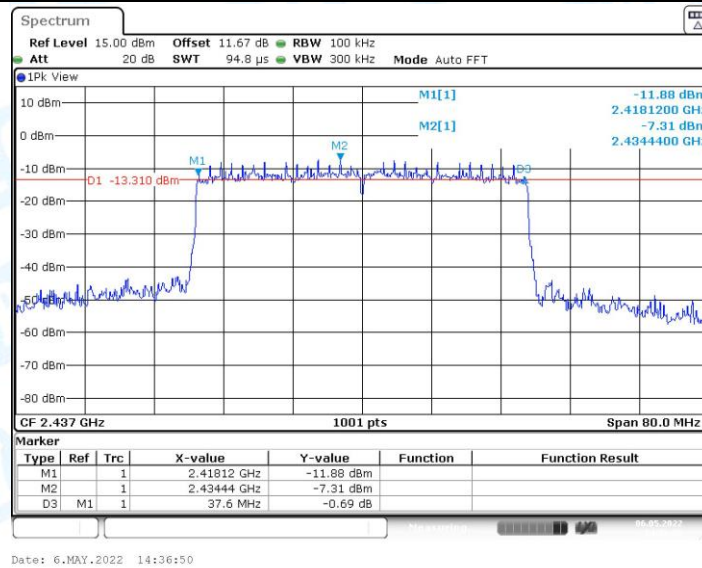
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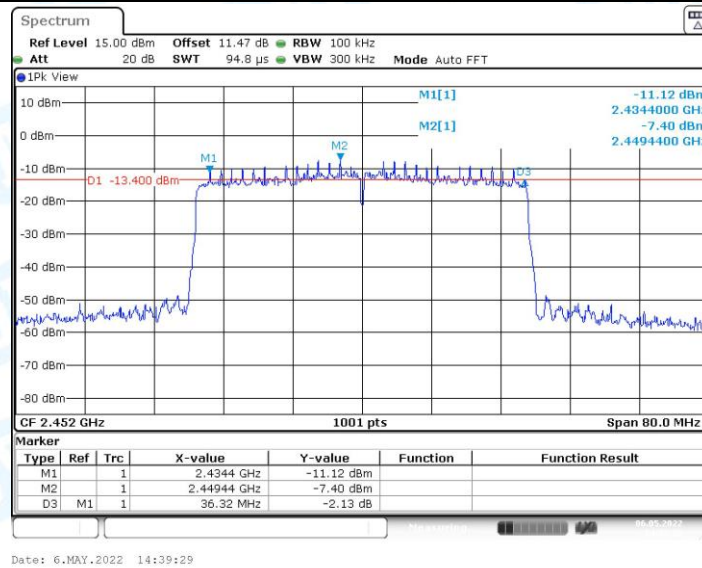
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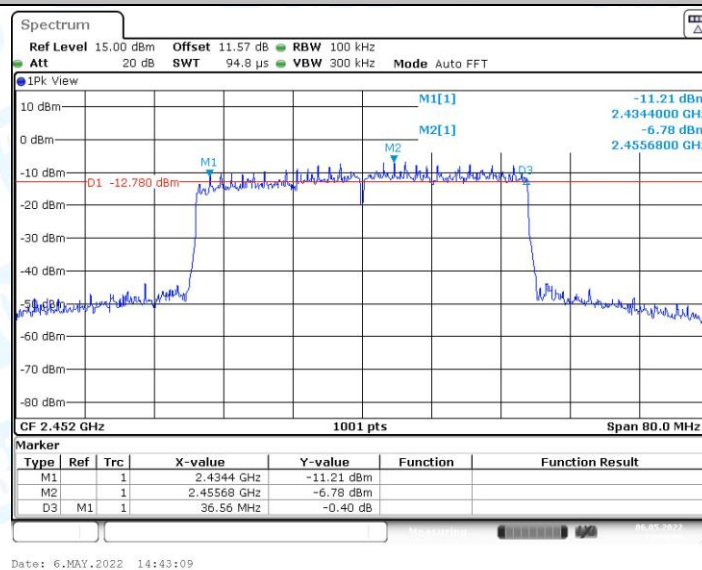
11AX40MIMO_Ant0_2437



11AX40MIMO_Ant1_2437



11AX40MIMO_Ant0_2452



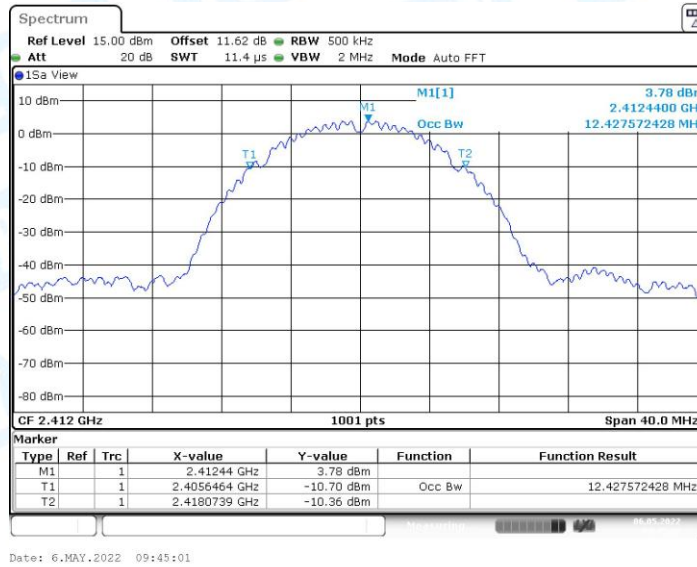
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2. Occupied Channel Bandwidth

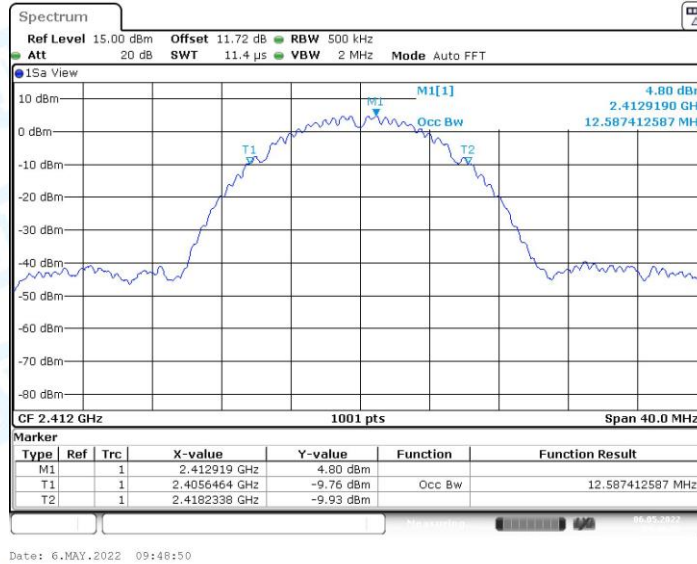
2.1. Test Result

TestMode	Antenna	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11BMIMO	Ant0	2412	12.428	2405.646	2418.074	---	---
	Ant1	2412	12.587	2405.646	2418.234	---	---
	Ant0	2437	12.468	2430.726	2443.194	---	---
	Ant1	2437	12.627	2430.606	2443.234	---	---
	Ant0	2462	12.468	2455.726	2468.194	---	---
	Ant1	2462	12.587	2455.806	2468.394	---	---
11GMIMO	Ant0	2412	16.663	2403.608	2420.272	---	---
	Ant1	2412	16.743	2403.568	2420.312	---	---
	Ant0	2437	17.662	2428.249	2445.911	---	---
	Ant1	2437	17.702	2428.129	2445.831	---	---
	Ant0	2462	17.303	2453.209	2470.511	---	---
	Ant1	2462	18.222	2453.249	2471.471	---	---
11N20MIMO	Ant0	2412	17.662	2403.049	2420.711	---	---
	Ant1	2412	17.742	2403.129	2420.871	---	---
	Ant0	2437	18.781	2427.529	2446.311	---	---
	Ant1	2437	19.86	2426.690	2446.550	---	---
	Ant0	2462	18.342	2452.649	2470.991	---	---
	Ant1	2462	19.421	2452.529	2471.950	---	---
11N40MIMO	Ant0	2422	36.044	2403.938	2439.982	---	---
	Ant1	2422	36.124	2403.618	2439.742	---	---
	Ant0	2437	35.964	2418.938	2454.902	---	---
	Ant1	2437	36.204	2418.858	2455.062	---	---
	Ant0	2452	35.964	2433.938	2469.902	---	---
	Ant1	2452	36.044	2434.098	2470.142	---	---
11AX20MIMO	Ant0	2412	18.741	2402.609	2421.351	---	---
	Ant1	2412	18.861	2402.450	2421.311	---	---
	Ant0	2437	19.301	2427.569	2446.870	---	---
	Ant1	2437	19.021	2427.450	2446.471	---	---
	Ant0	2462	19.101	2452.410	2471.510	---	---
	Ant1	2462	19.101	2452.410	2471.510	---	---
11AX40MIMO	Ant0	2422	37.642	2403.219	2440.861	---	---
	Ant1	2422	37.642	2402.979	2440.621	---	---
	Ant0	2437	37.483	2418.219	2455.701	---	---
	Ant1	2437	38.042	2417.899	2455.941	---	---
	Ant0	2452	37.722	2433.139	2470.861	---	---
	Ant1	2452	37.722	2433.299	2471.021	---	---

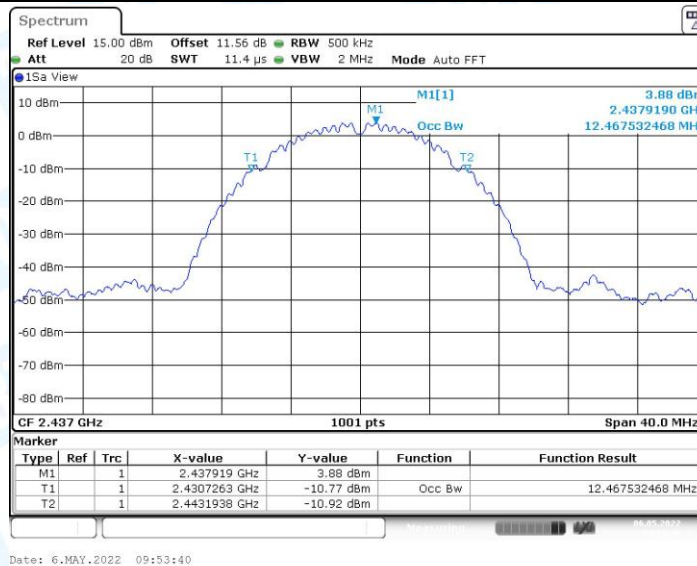
2.2. Test Graphs



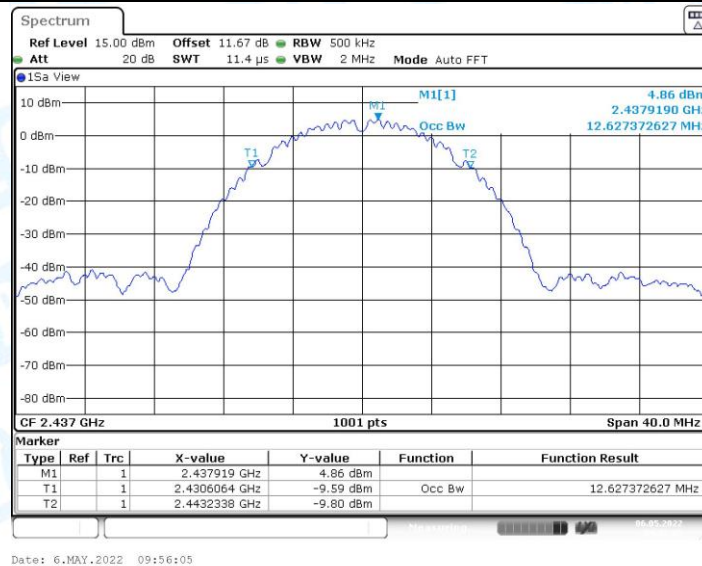
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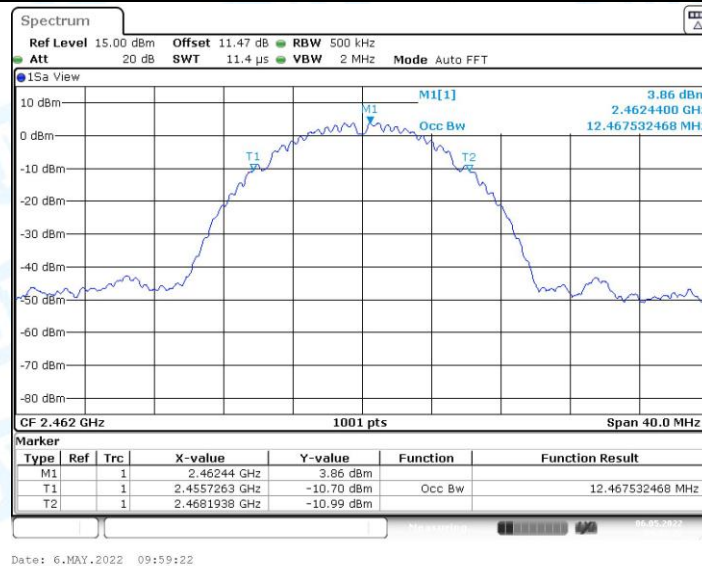
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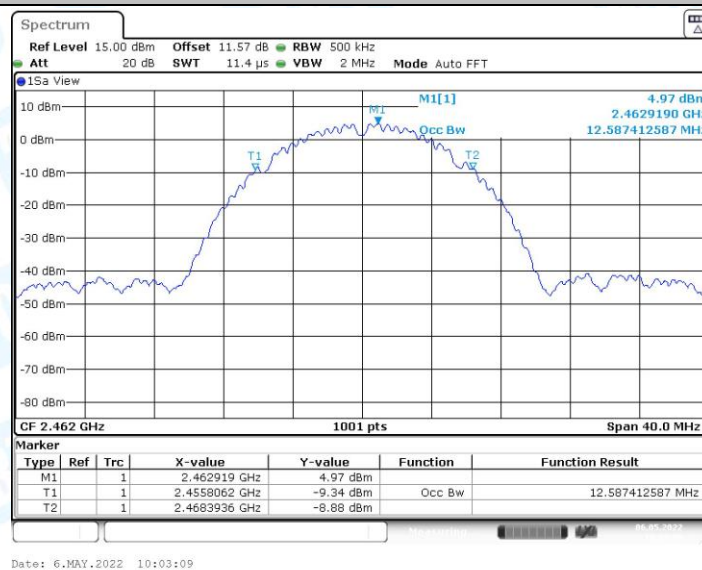
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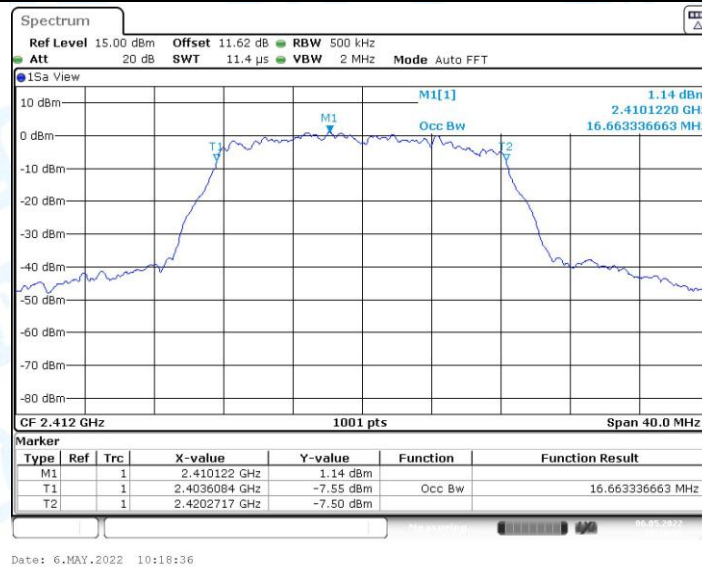
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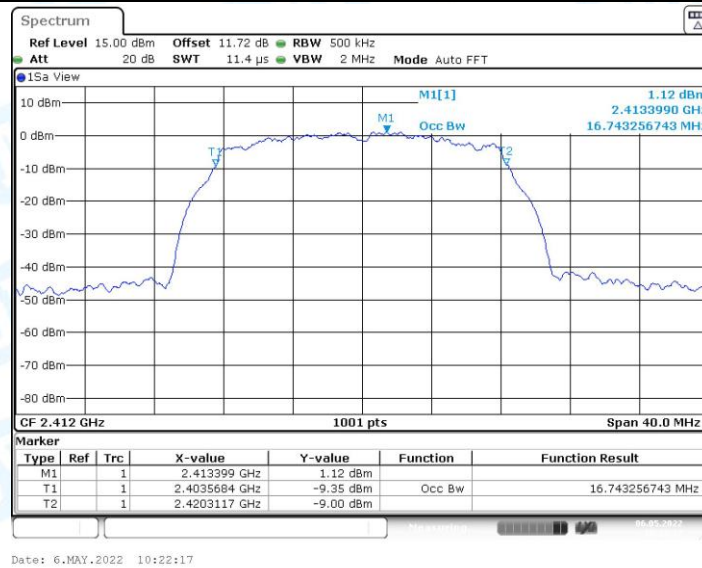
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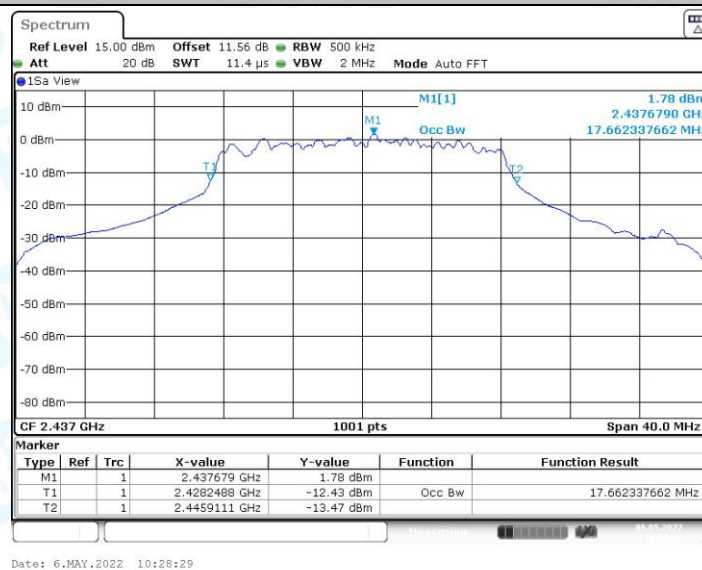
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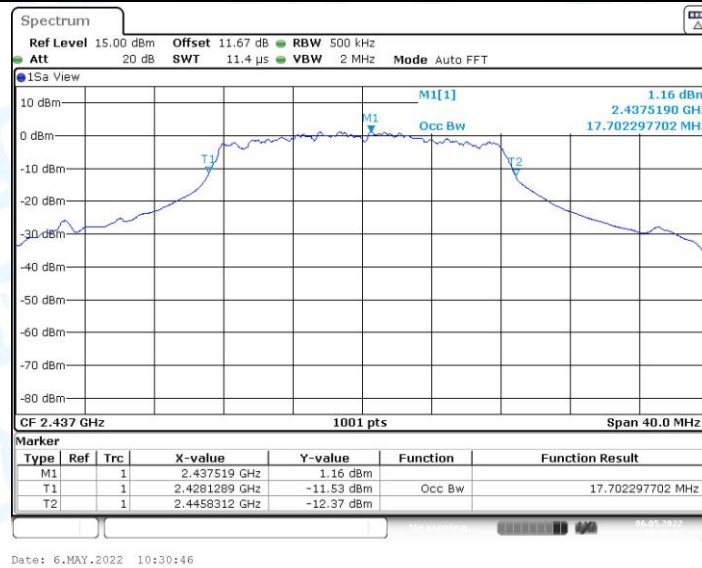
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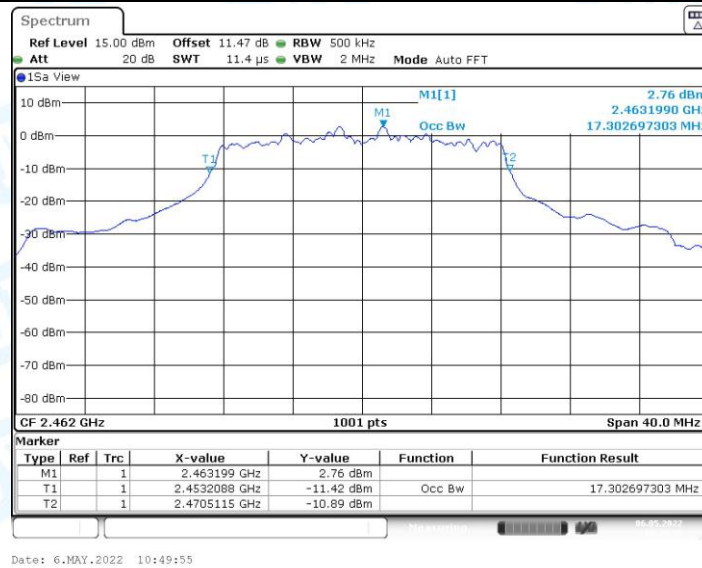
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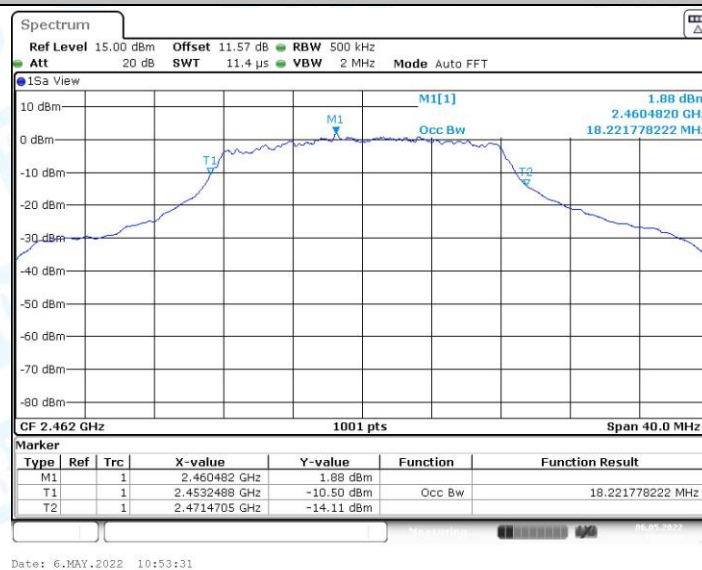
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11GMIMO_Ant1_2437



11GMIMO_Ant0_2462



11GMIMO_Ant1_2462