RF Test Data for 2.4G Wi-Fi (Conducted Measurements)

General Description of EUT	
Product Name:	TV DECODER
Test Model:	VIP7300
Sample ID:	202202-0006-4-1#
Environmental Conditions	
Temperature:	23.5℃
Relative Humidity:	44%
Test Voltage:	DC 12V
Test Engineer:	Jianping Huang
Note: For a more detailed features description, please refer to the report TBR-C-202202-0006-42. The report only show the worst case data.	

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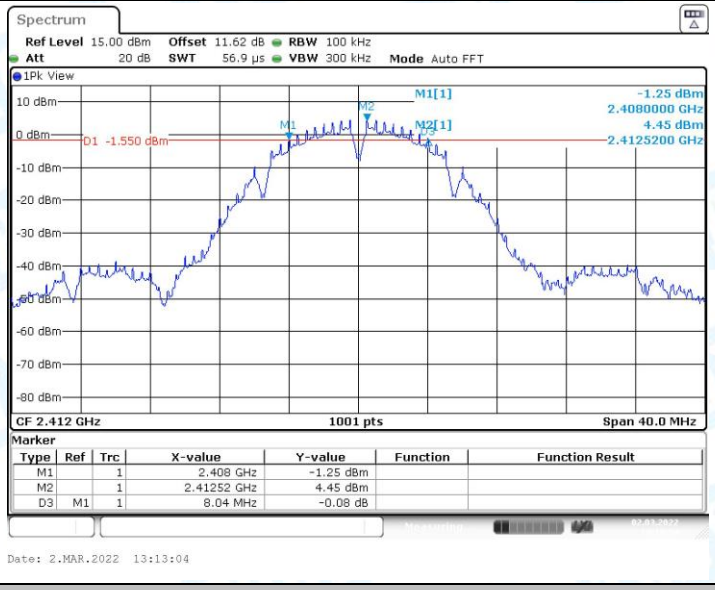
1. DTS Bandwidth

1.1.Test Result

TestMode	Antenna	Channel	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	8.04	2408.00	2416.04	0.5	PASS
	Ant2	2412	7.56	2408.48	2416.04	0.5	PASS
	Ant1	2437	7.56	2433.48	2441.04	0.5	PASS
	Ant2	2437	7.56	2433.48	2441.04	0.5	PASS
	Ant1	2462	7.52	2458.48	2466.00	0.5	PASS
	Ant2	2462	8.04	2458.00	2466.04	0.5	PASS
11G	Ant1	2412	16.36	2403.84	2420.20	0.5	PASS
	Ant2	2412	16.36	2403.84	2420.20	0.5	PASS
	Ant1	2437	16.36	2428.84	2445.20	0.5	PASS
	Ant2	2437	16.36	2428.84	2445.20	0.5	PASS
	Ant1	2462	16.36	2453.84	2470.20	0.5	PASS
	Ant2	2462	16.36	2453.84	2470.20	0.5	PASS
11N20MIMO	Ant1	2412	17.56	2403.24	2420.80	0.5	PASS
	Ant2	2412	17.56	2403.24	2420.80	0.5	PASS
	Ant1	2437	17.56	2428.24	2445.80	0.5	PASS
	Ant2	2437	17.60	2428.20	2445.80	0.5	PASS
	Ant1	2462	17.56	2453.24	2470.80	0.5	PASS
	Ant2	2462	17.56	2453.24	2470.80	0.5	PASS
11AX20MIMO	Ant1	2412	18.24	2403.24	2421.48	0.5	PASS
	Ant2	2412	18.56	2402.96	2421.52	0.5	PASS
	Ant1	2437	18.64	2427.80	2446.44	0.5	PASS
	Ant2	2437	18.76	2427.56	2446.32	0.5	PASS
	Ant1	2462	18.04	2453.48	2471.52	0.5	PASS
	Ant2	2462	17.96	2453.44	2471.40	0.5	PASS

1.2.Test Graphs



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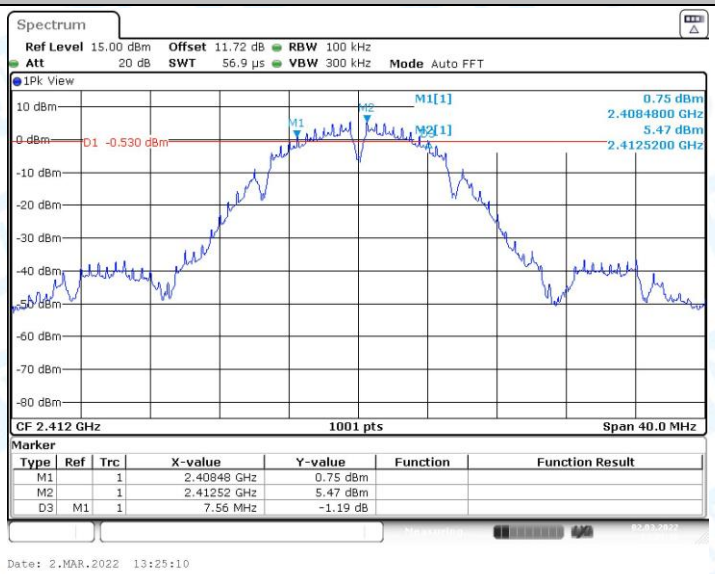

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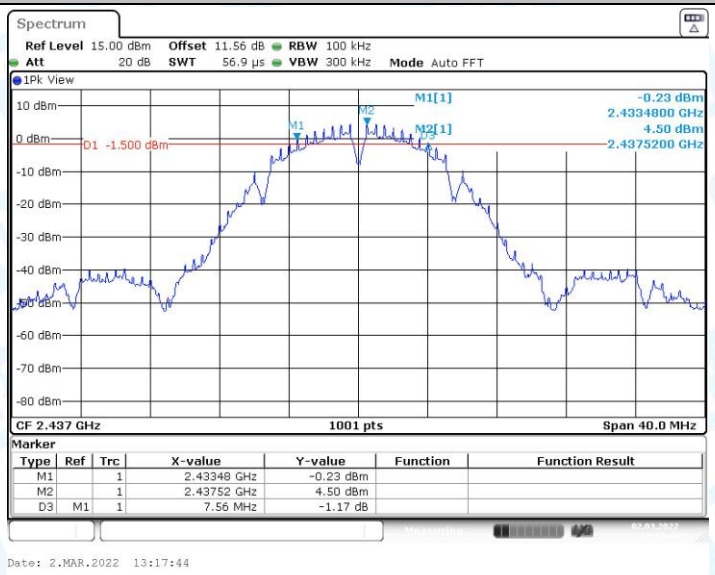

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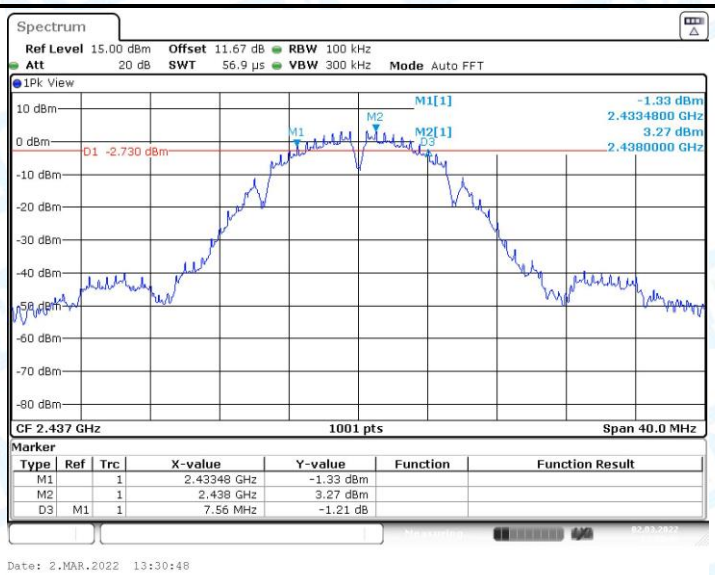

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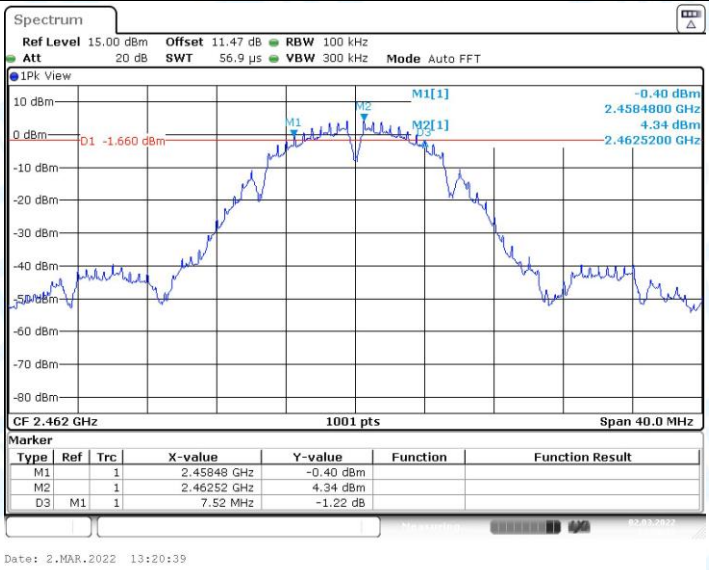

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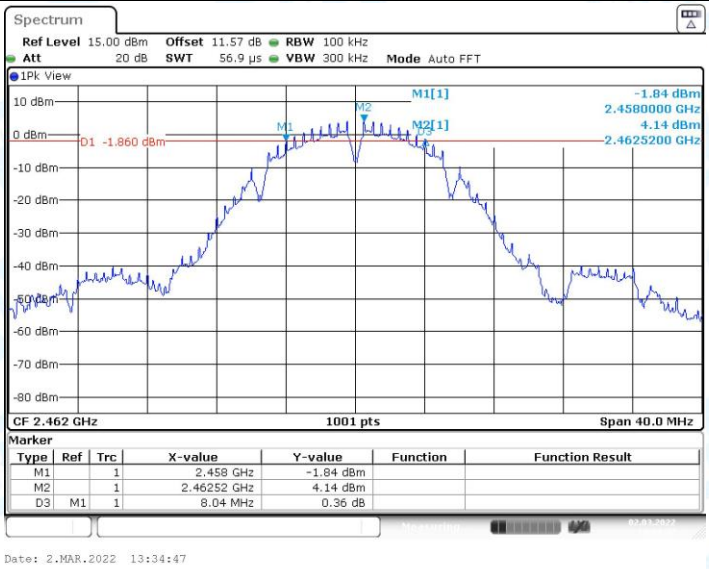

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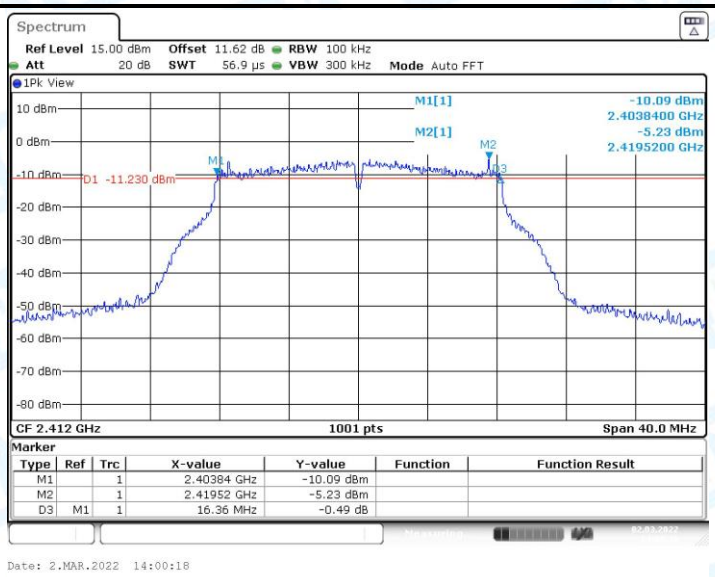

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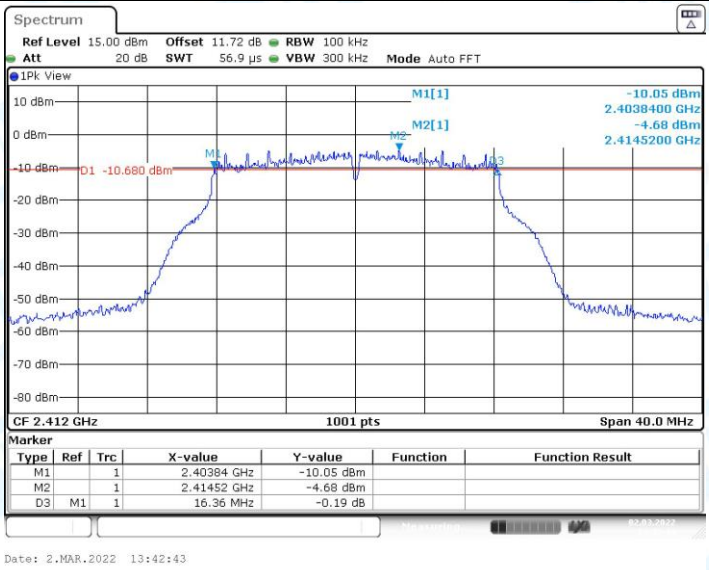

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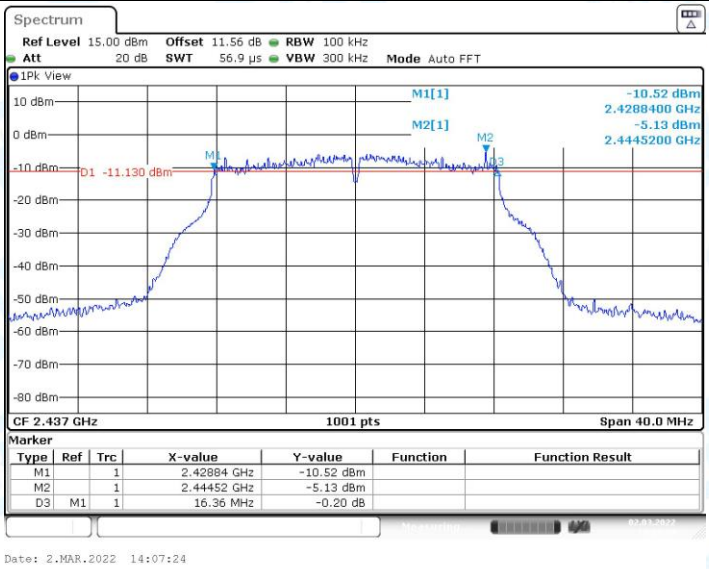

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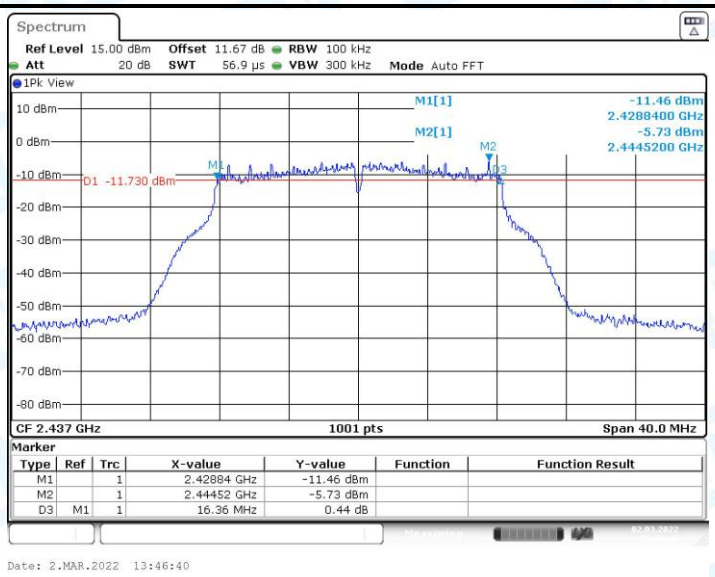

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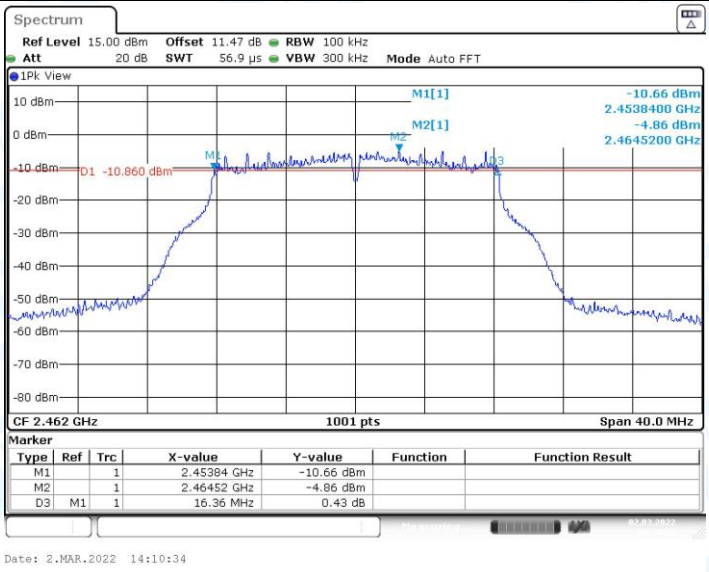

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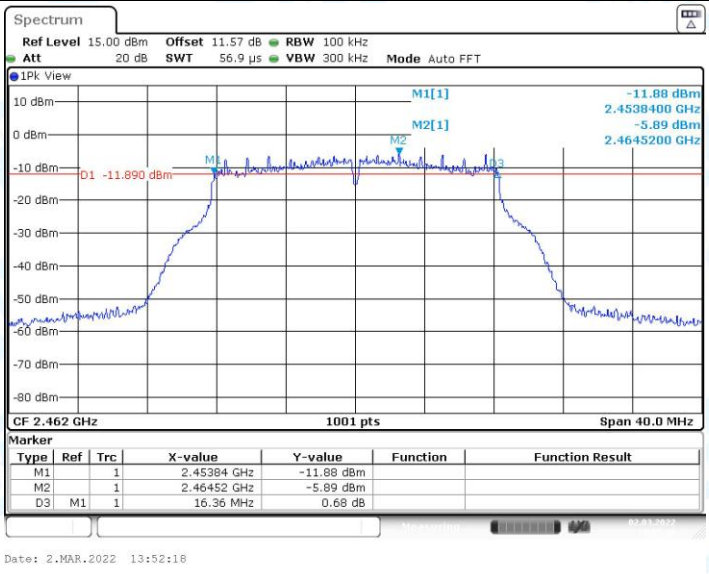

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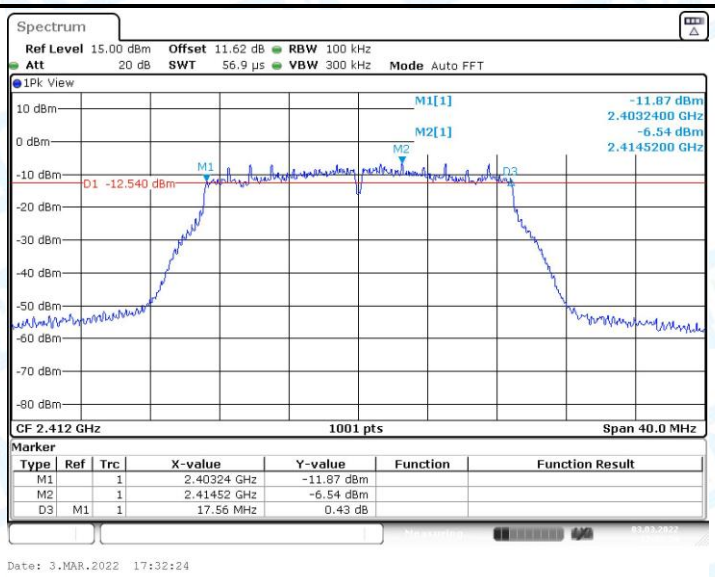

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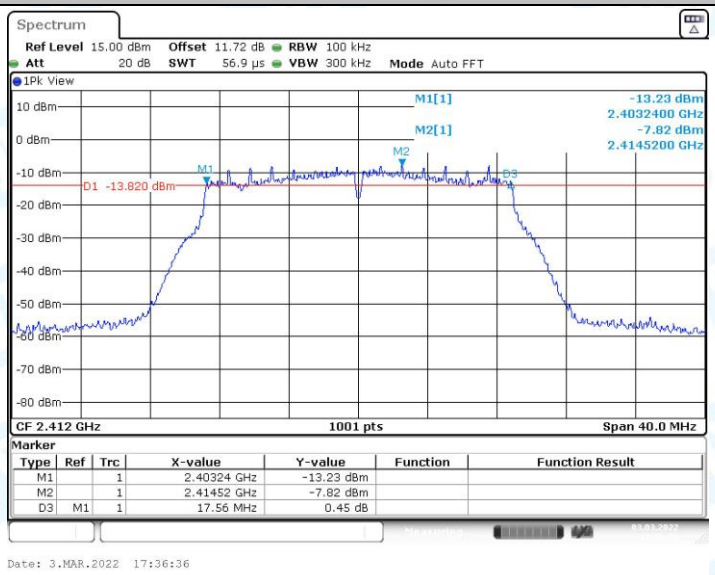

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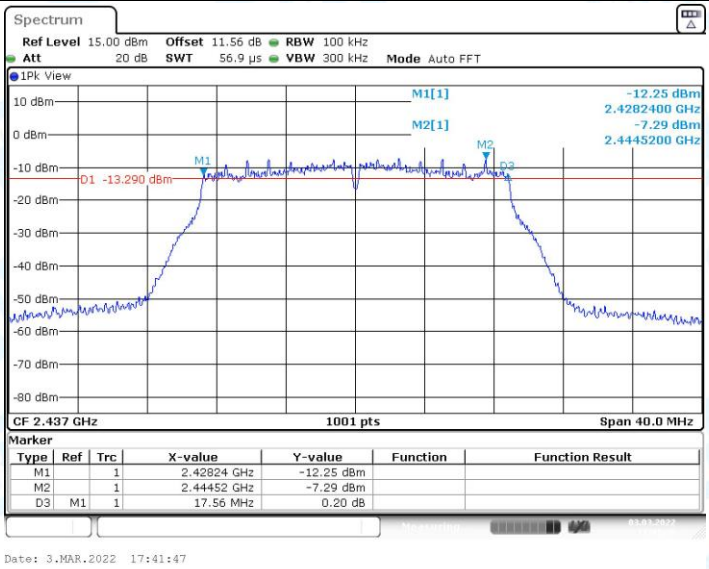

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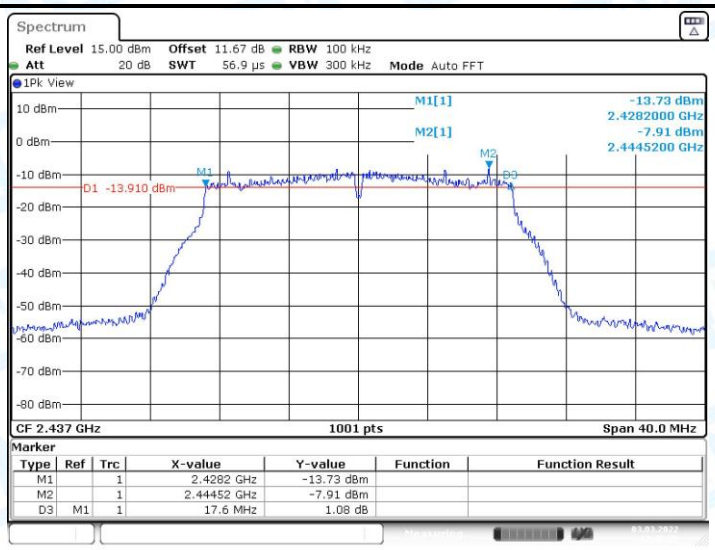

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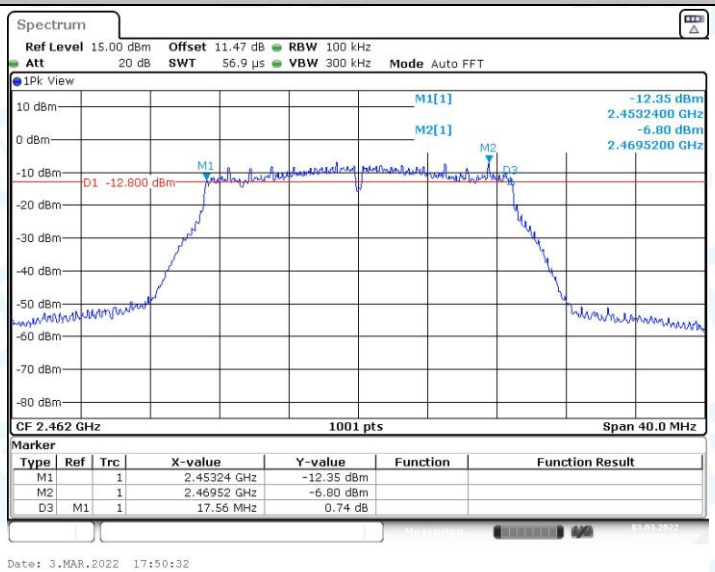

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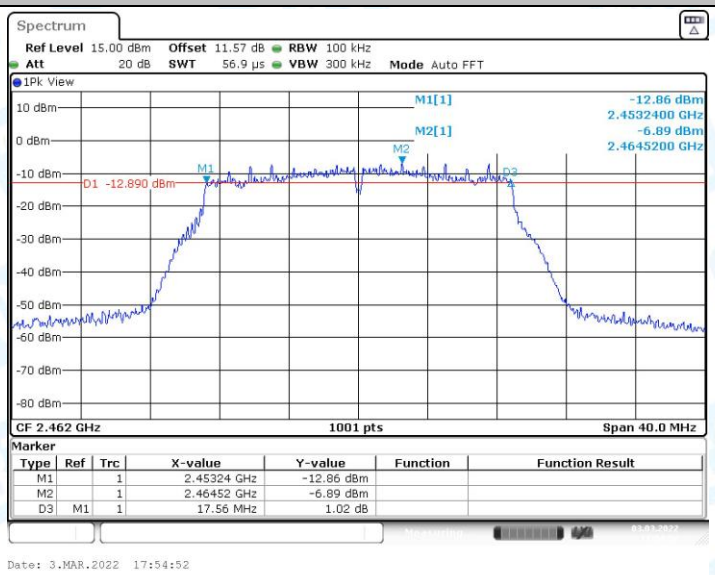

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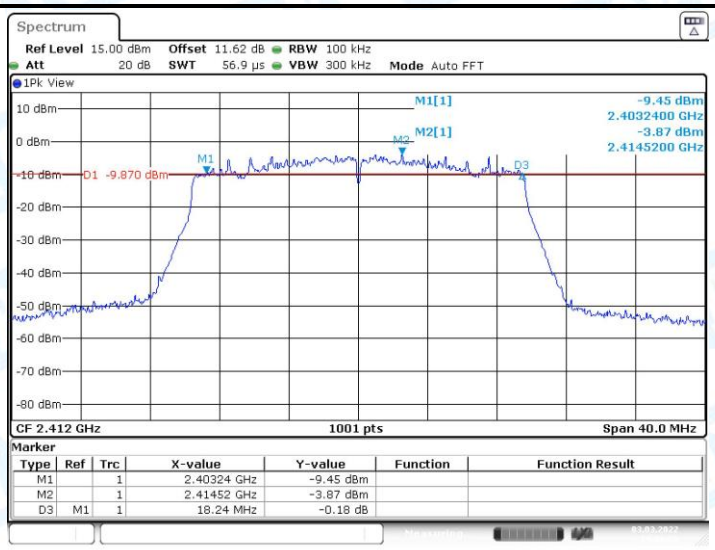

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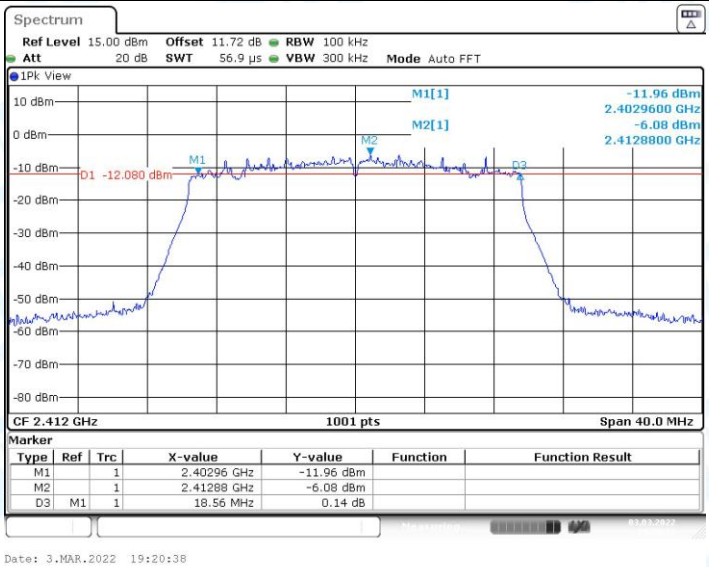

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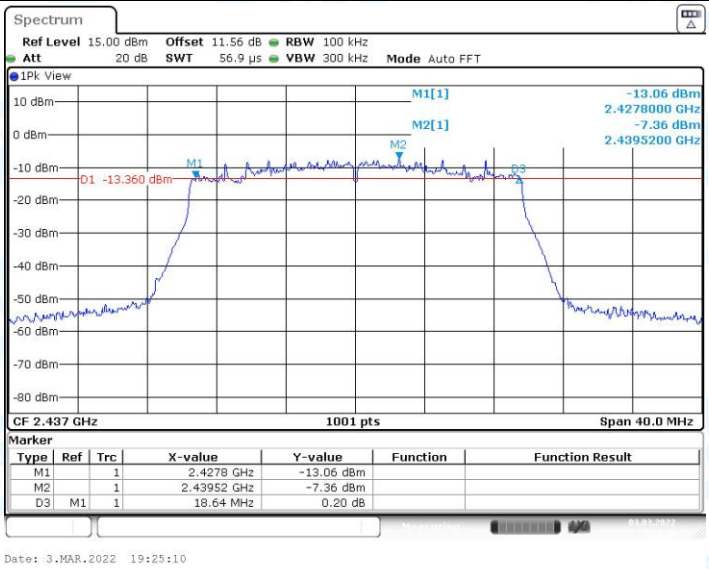

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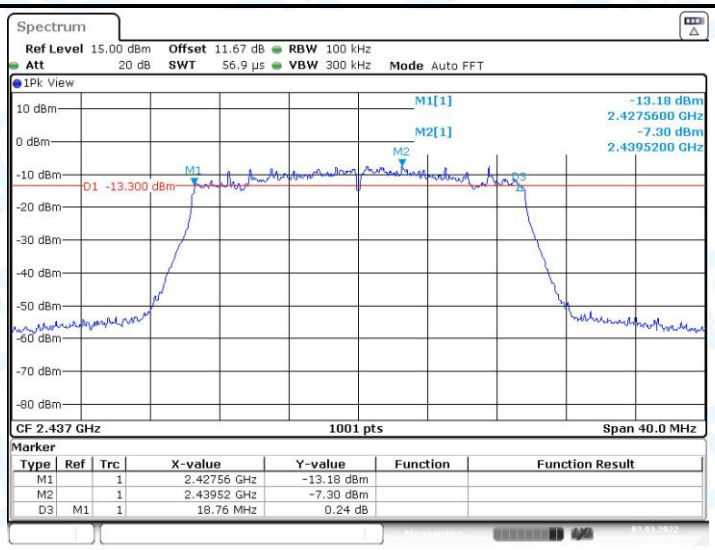

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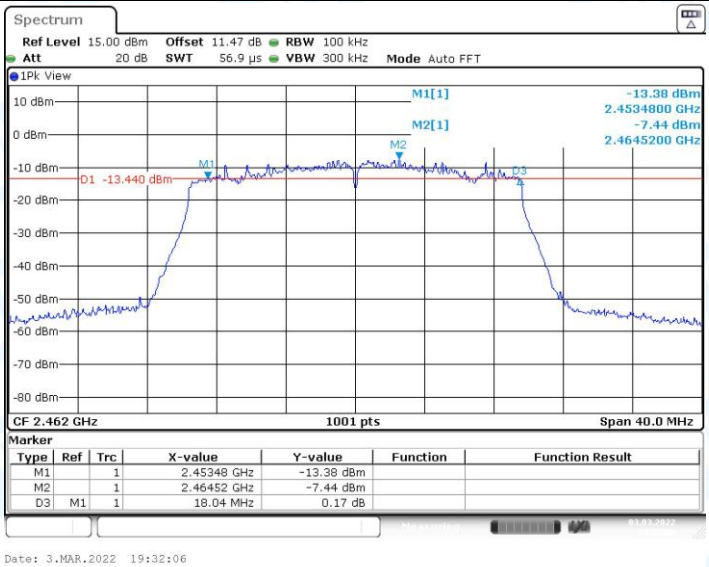

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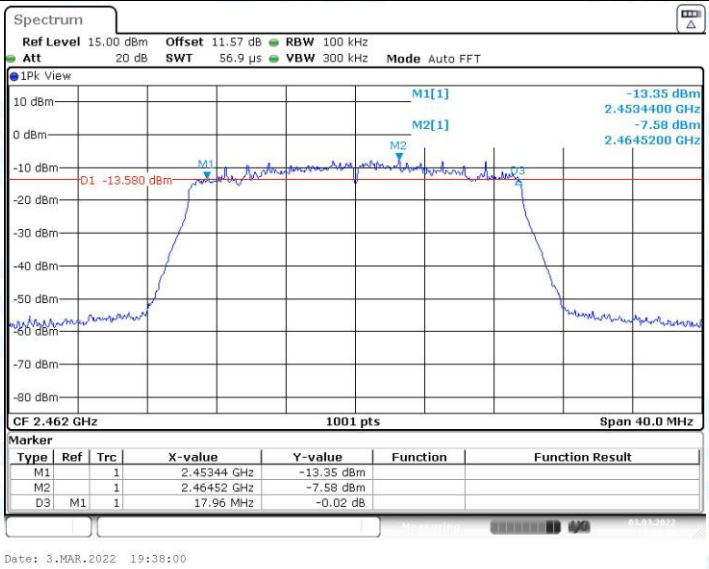


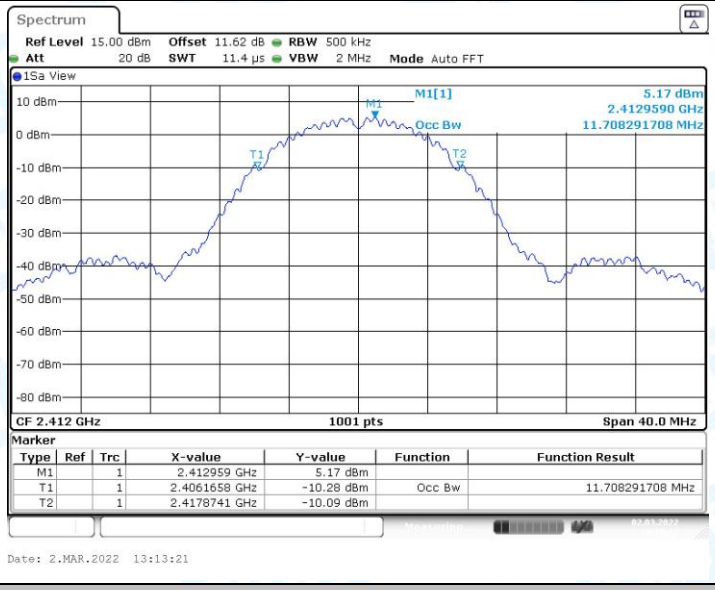
11AX20MIMO_Ant2_2462

2. Occupied Channel Bandwidth

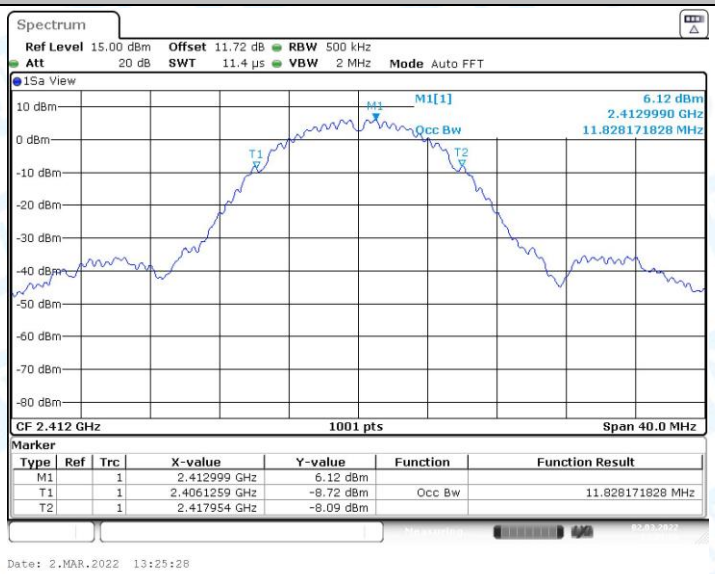
2.1.Test Result

TestMode	Antenna	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	11.708	2406.166	2417.874	---	---
	Ant2	2412	11.828	2406.126	2417.954	---	---
	Ant1	2437	11.708	2431.206	2442.914	---	---
	Ant2	2437	11.868	2431.086	2442.954	---	---
	Ant1	2462	11.668	2456.246	2467.914	---	---
	Ant2	2462	11.868	2456.166	2468.034	---	---
11G	Ant1	2412	17.183	2403.449	2420.631	---	---
	Ant2	2412	17.383	2403.249	2420.631	---	---
	Ant1	2437	17.622	2428.249	2445.871	---	---
	Ant2	2437	17.463	2428.329	2445.791	---	---
	Ant1	2462	17.582	2453.369	2470.951	---	---
	Ant2	2462	17.502	2453.249	2470.751	---	---
11N20MIMO	Ant1	2412	18.621	2402.889	2421.510	---	---
	Ant2	2412	18.462	2402.809	2421.271	---	---
	Ant1	2437	18.422	2427.889	2446.311	---	---
	Ant2	2437	18.581	2427.729	2446.311	---	---
	Ant1	2462	18.382	2452.929	2471.311	---	---
	Ant2	2462	18.541	2452.809	2471.351	---	---
11AX20MIMO	Ant1	2412	19.221	2402.370	2421.590	---	---
	Ant2	2412	19.061	2402.529	2421.590	---	---
	Ant1	2437	18.981	2427.529	2446.510	---	---
	Ant2	2437	19.101	2427.410	2446.510	---	---
	Ant1	2462	19.101	2452.490	2471.590	---	---
	Ant2	2462	19.021	2452.569	2471.590	---	---

2.2.Test Graphs



11B_Ant1_2412



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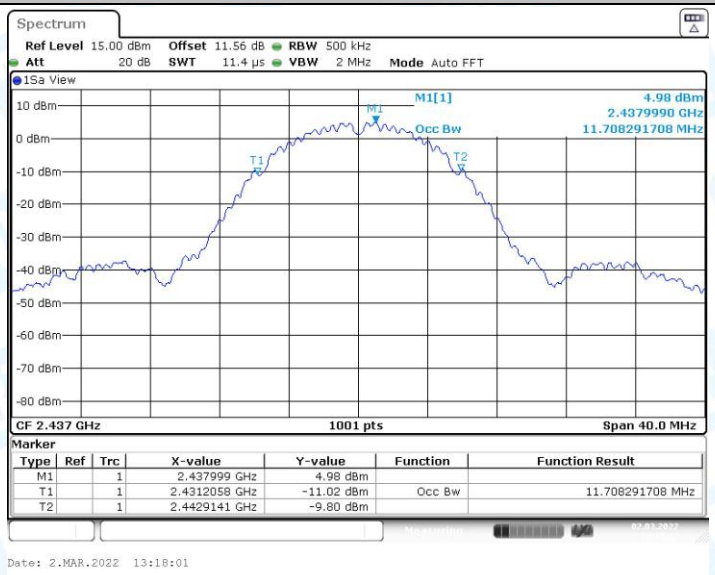

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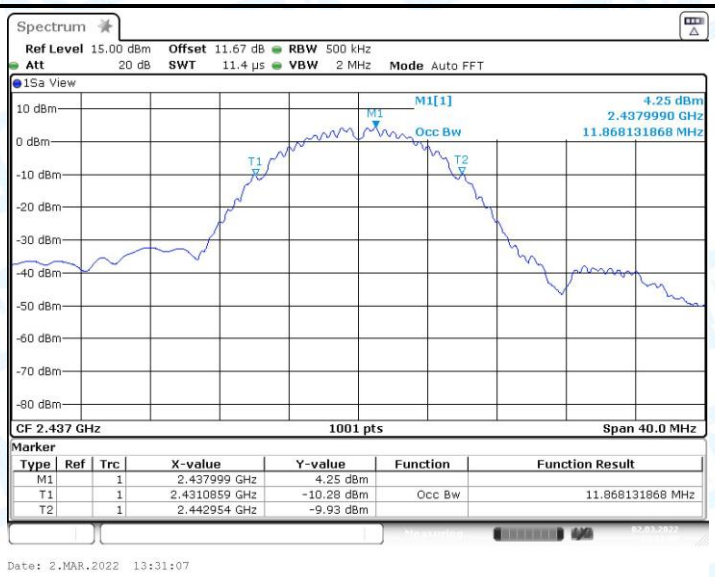

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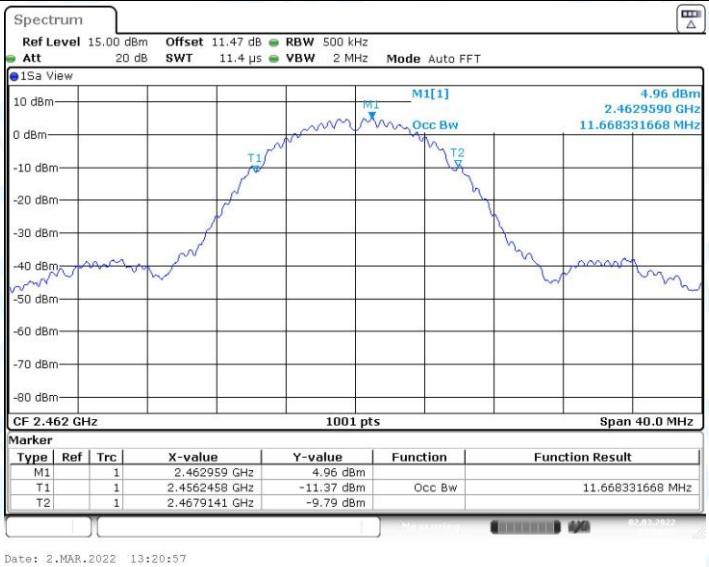

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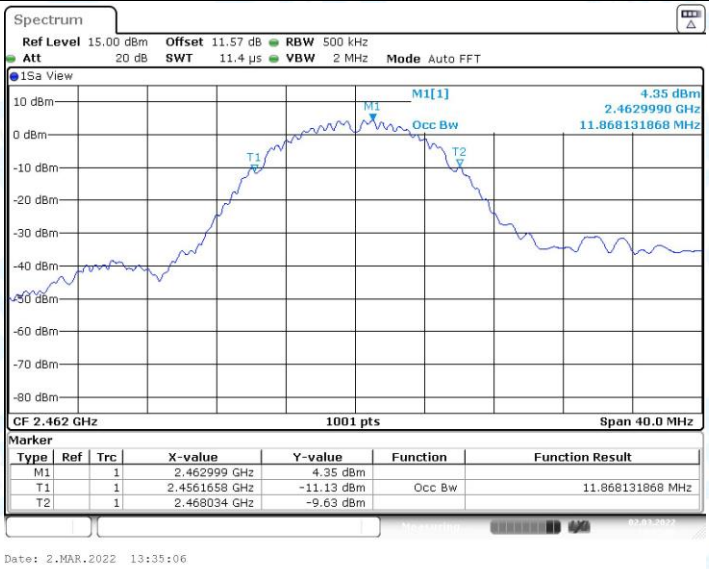

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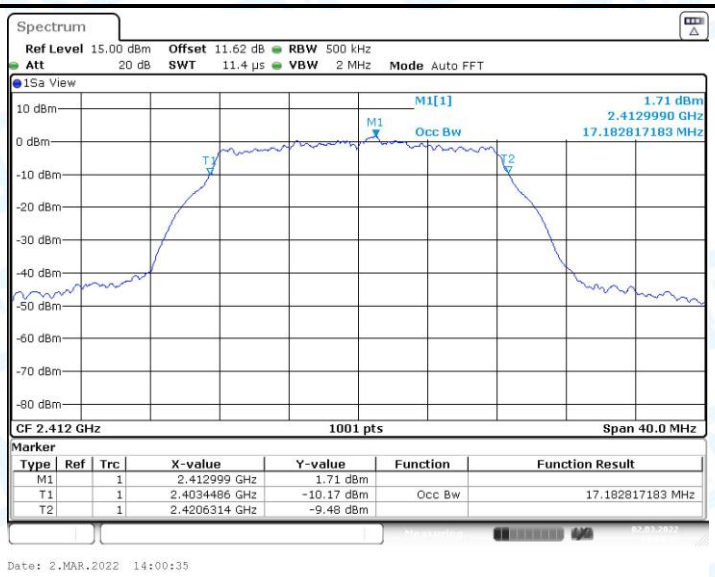

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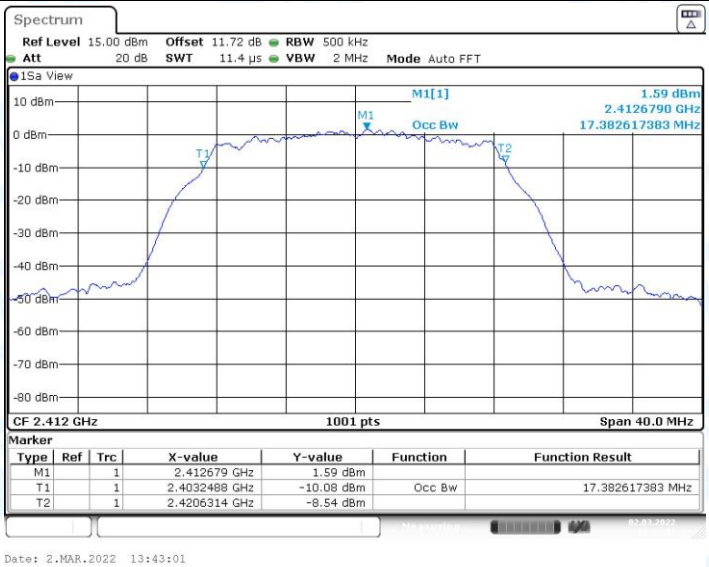

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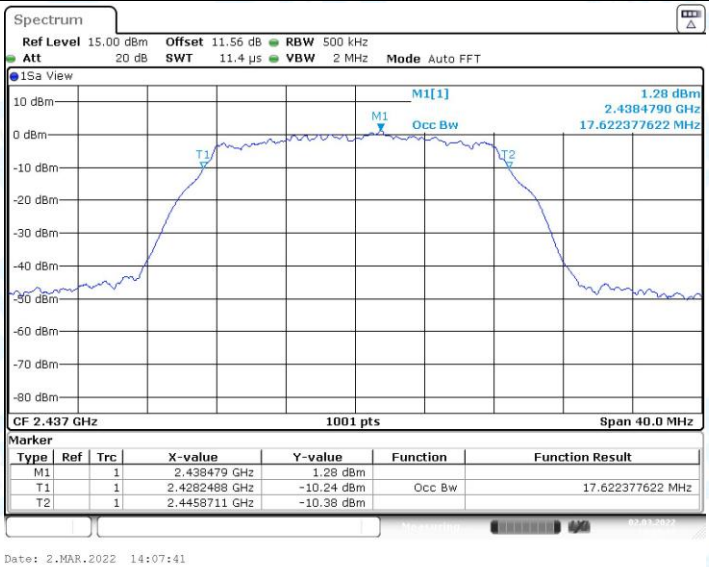

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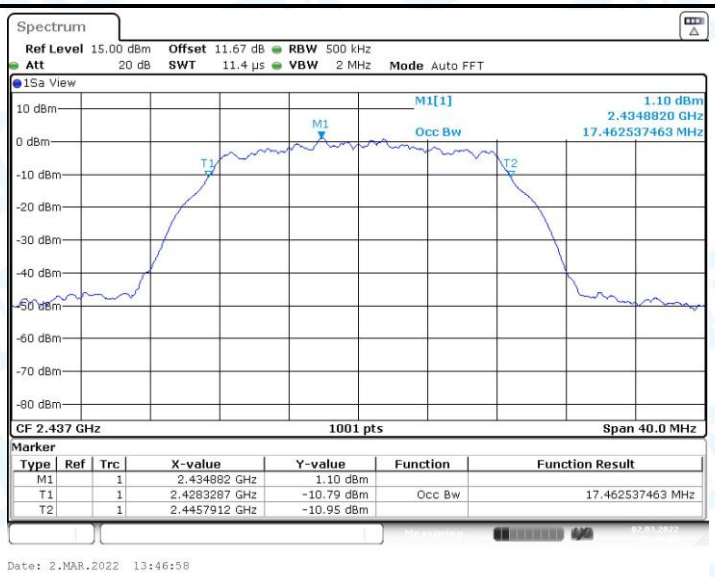

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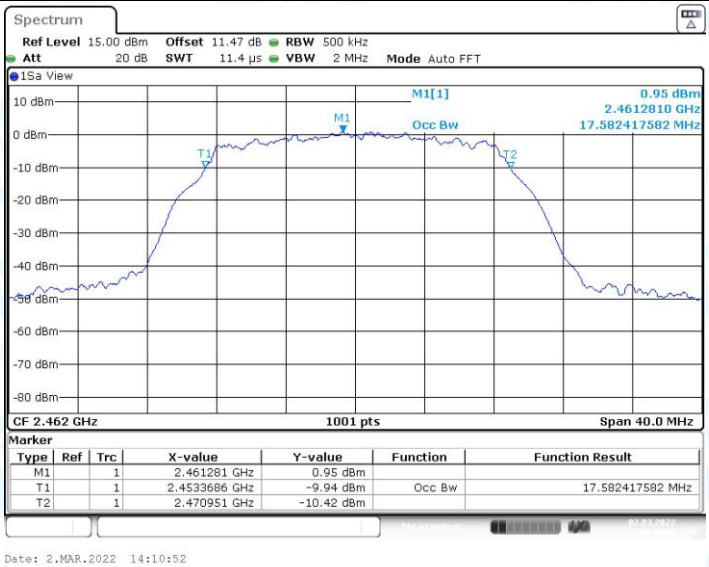

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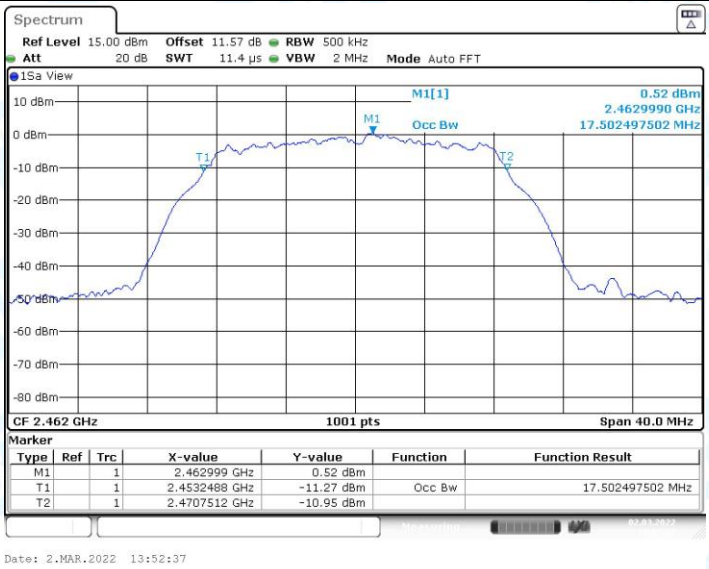

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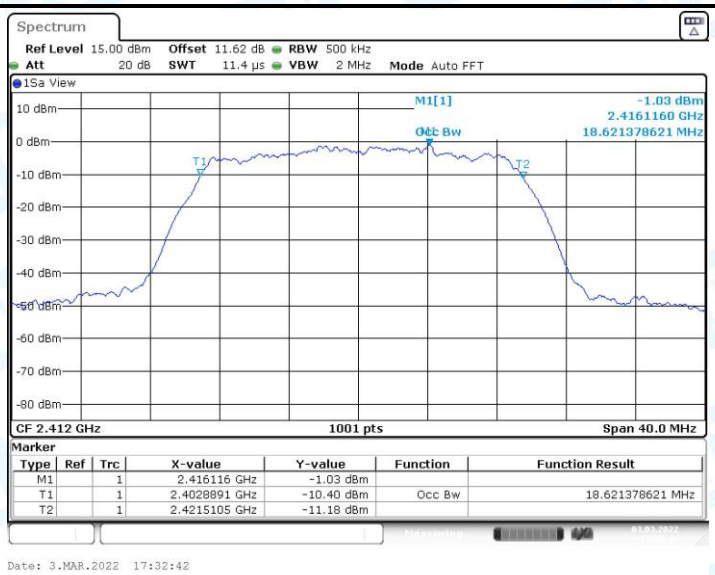

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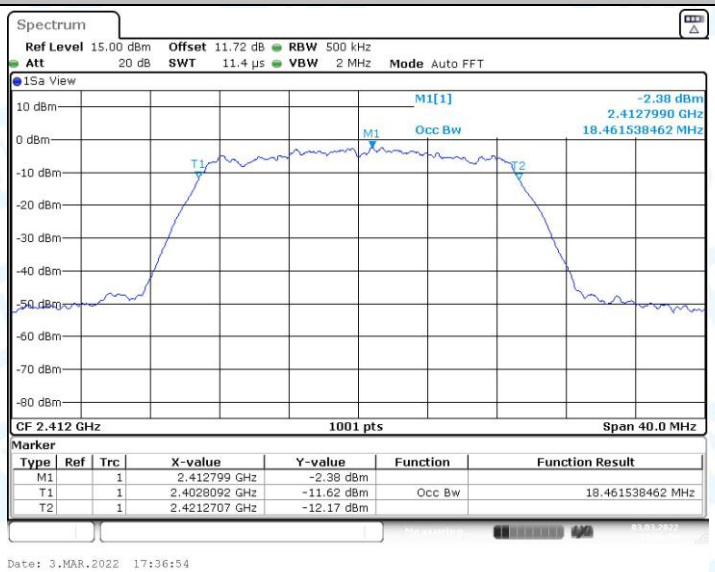

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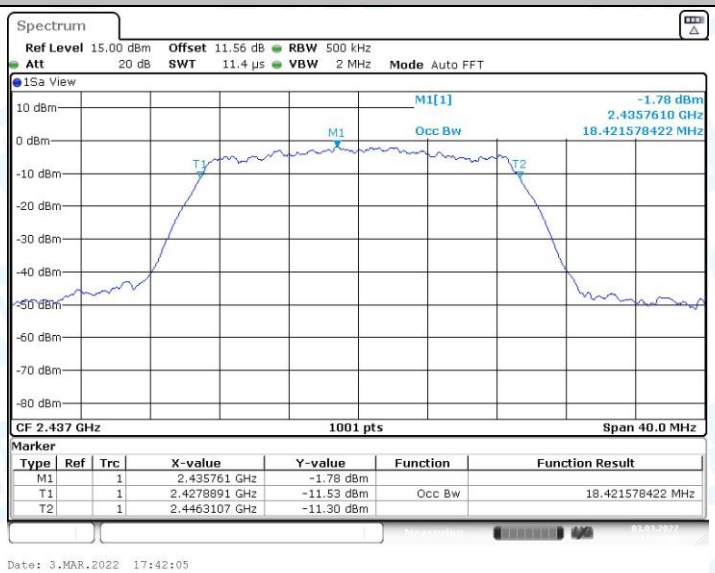

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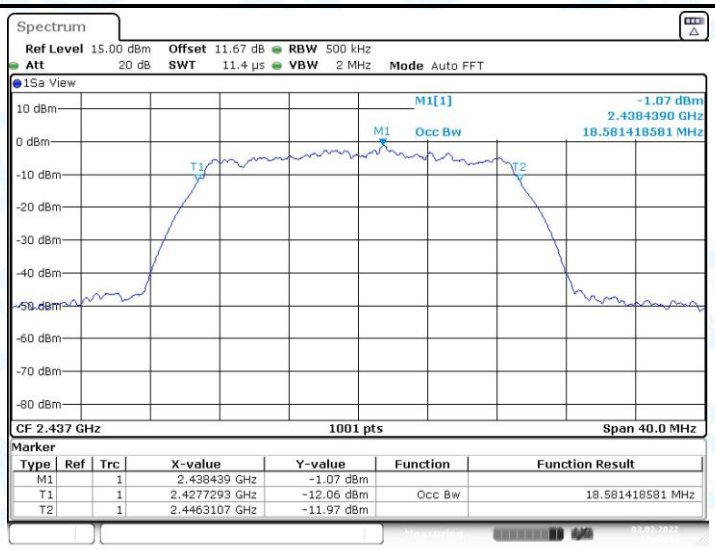

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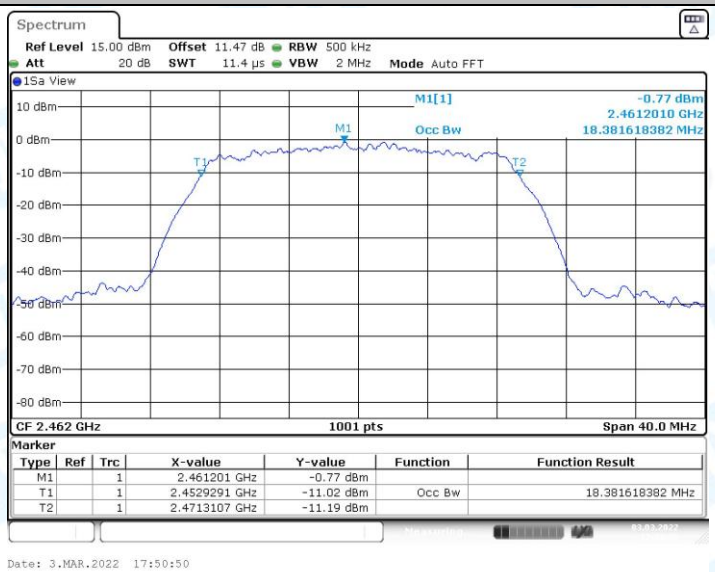

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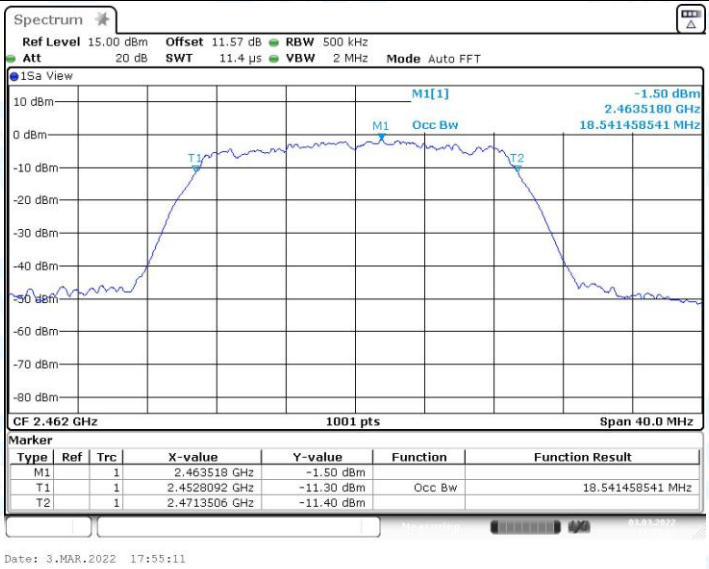

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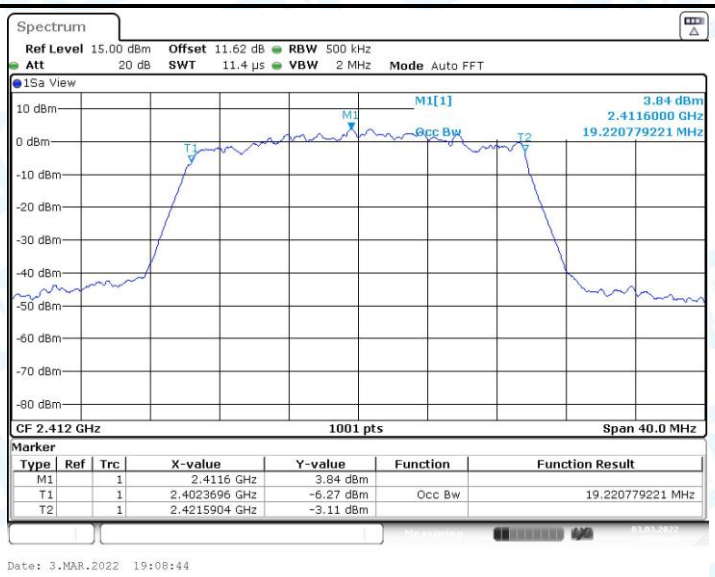

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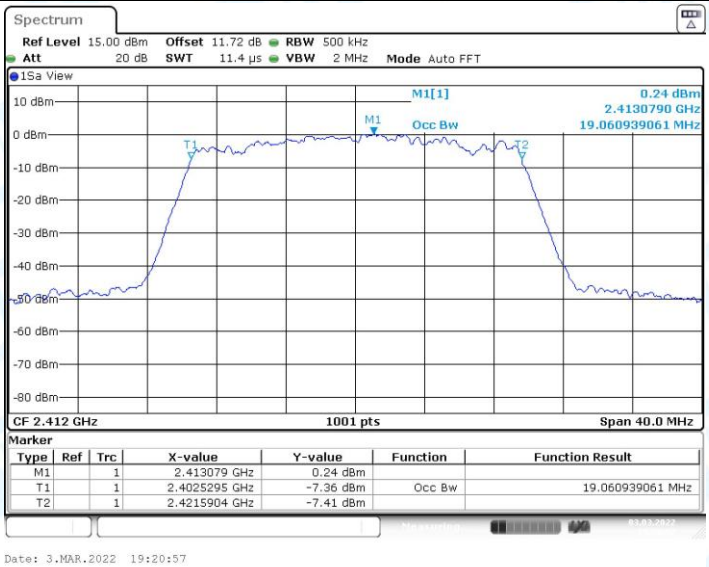

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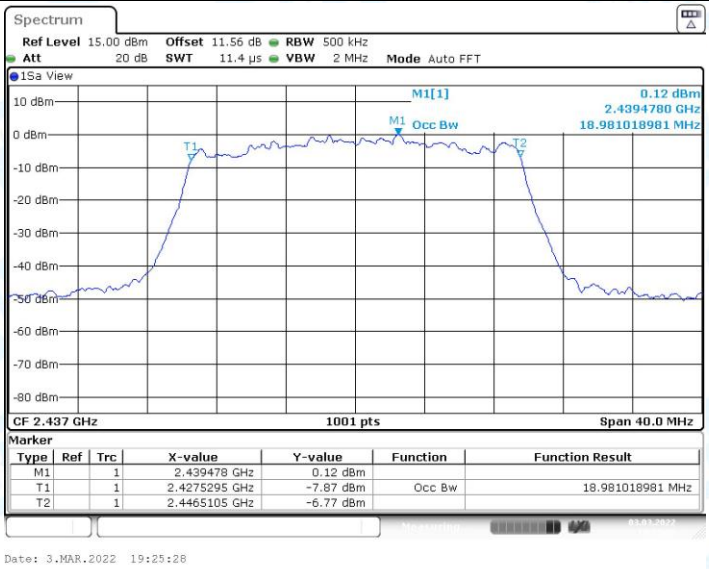

11AX20MIMO_Ant1_2437