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DTS Bandwidth

Test Result

TestMode	Antenna	Freq(MHz)	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B-CDD	Ant1	2412	7.12	2408.48	2415.60	0.5	PASS
	Ant2	2412	7.56	2408.48	2416.04	0.5	PASS
	Ant1	2417	7.12	2413.48	2420.60	0.5	PASS
	Ant2	2417	7.12	2413.48	2420.60	0.5	PASS
	Ant1	2422	7.08	2418.48	2425.56	0.5	PASS
	Ant2	2422	7.80	2418.00	2425.80	0.5	PASS
	Ant1	2437	7.08	2433.48	2440.56	0.5	PASS
	Ant2	2437	7.08	2433.44	2440.52	0.5	PASS
	Ant1	2452	7.08	2448.48	2455.56	0.5	PASS
	Ant2	2452	7.08	2448.48	2455.56	0.5	PASS
	Ant1	2457	7.12	2453.48	2460.60	0.5	PASS
	Ant2	2457	7.08	2453.48	2460.56	0.5	PASS
	Ant1	2462	7.56	2458.00	2465.56	0.5	PASS
	Ant2	2462	7.12	2458.44	2465.56	0.5	PASS
11G-CDD	Ant1	2412	16.32	2403.84	2420.16	0.5	PASS
	Ant2	2412	16.32	2403.84	2420.16	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	2457	16.36	2448.84	2465.20	0.5	PASS
	Ant2	2457	16.36	2448.84	2465.20	0.5	PASS
	Ant1	2462	16.40	2453.80	2470.20	0.5	PASS
	Ant2	2462	16.40	2453.80	2470.20	0.5	PASS
11N20MIMO	Ant1	2412	17.60	2403.20	2420.80	0.5	PASS
	Ant2	2412	17.60	2403.20	2420.80	0.5	PASS
	Ant1	2437	17.60	2428.20	2445.80	0.5	PASS
	Ant2	2437	17.60	2428.20	2445.80	0.5	PASS
	Ant1	2462	17.60	2453.20	2470.80	0.5	PASS
	Ant2	2462	17.60	2453.20	2470.80	0.5	PASS
11N40MIMO	Ant1	2422	36.32	2403.84	2440.16	0.5	PASS
	Ant2	2422	36.32	2403.84	2440.16	0.5	PASS
	Ant1	2437	36.32	2418.84	2455.16	0.5	PASS
	Ant2	2437	36.32	2418.84	2455.16	0.5	PASS
	Ant1	2452	36.32	2433.84	2470.16	0.5	PASS
	Ant2	2452	36.32	2433.84	2470.16	0.5	PASS
11BE20MIMO	Ant1	2412	19.04	2402.48	2421.52	0.5	PASS
	Ant2	2412	19.12	2402.44	2421.56	0.5	PASS
	Ant1	2437	19.12	2427.44	2446.56	0.5	PASS
	Ant2	2437	19.12	2427.44	2446.56	0.5	PASS
	Ant1	2462	19.04	2452.48	2471.52	0.5	PASS
	Ant2	2462	19.12	2452.44	2471.56	0.5	PASS
11BE40MIMO	Ant1	2422	38.08	2403.04	2441.12	0.5	PASS
	Ant2	2422	38.24	2402.96	2441.20	0.5	PASS
	Ant1	2437	38.08	2417.96	2456.04	0.5	PASS
	Ant2	2437	38.24	2417.88	2456.12	0.5	PASS
	Ant1	2452	38.16	2432.96	2471.12	0.5	PASS
	Ant2	2452	38.16	2432.88	2471.04	0.5	PASS

Test Graphs

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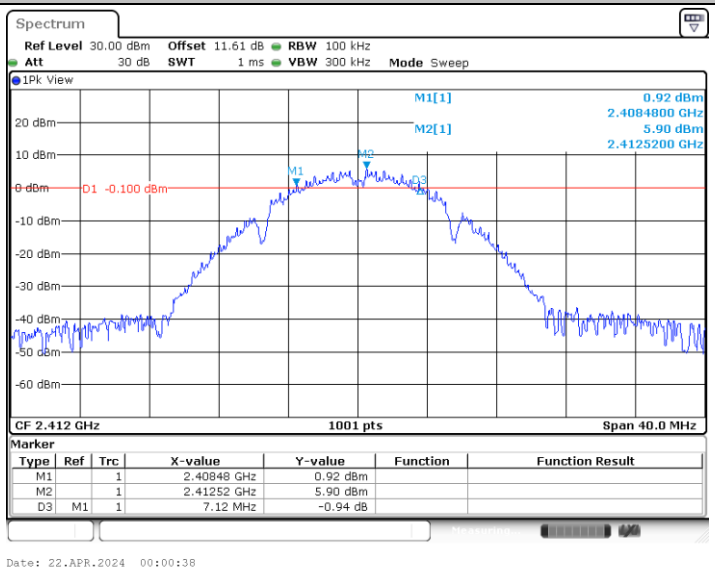

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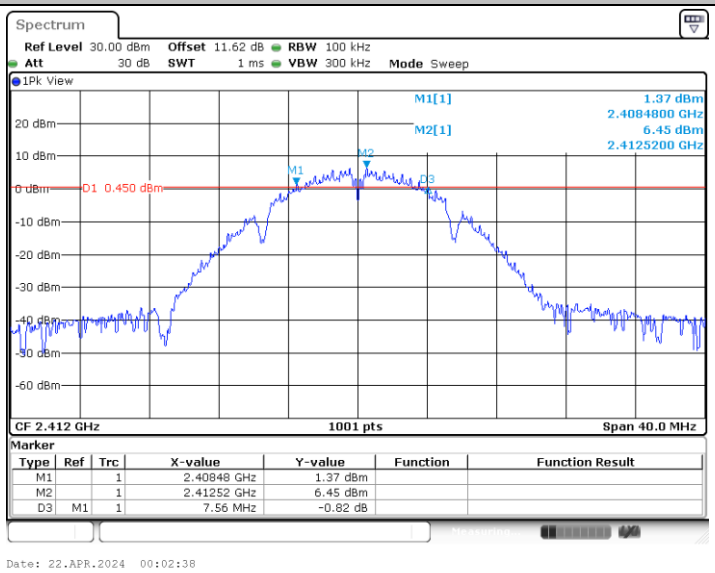

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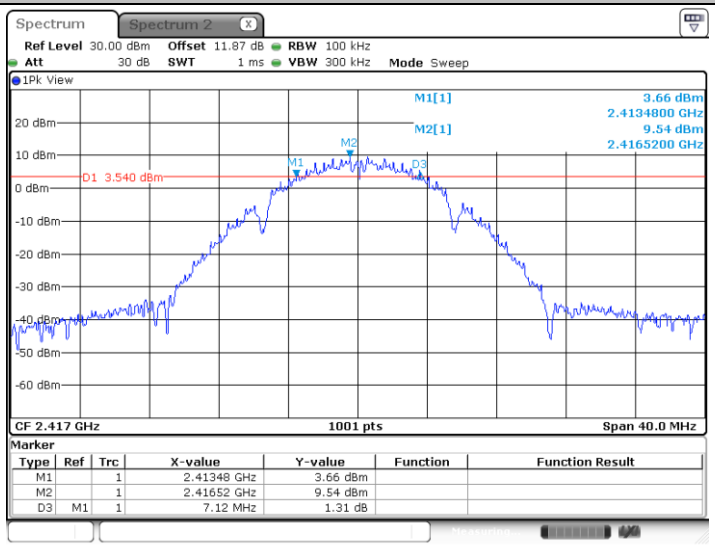

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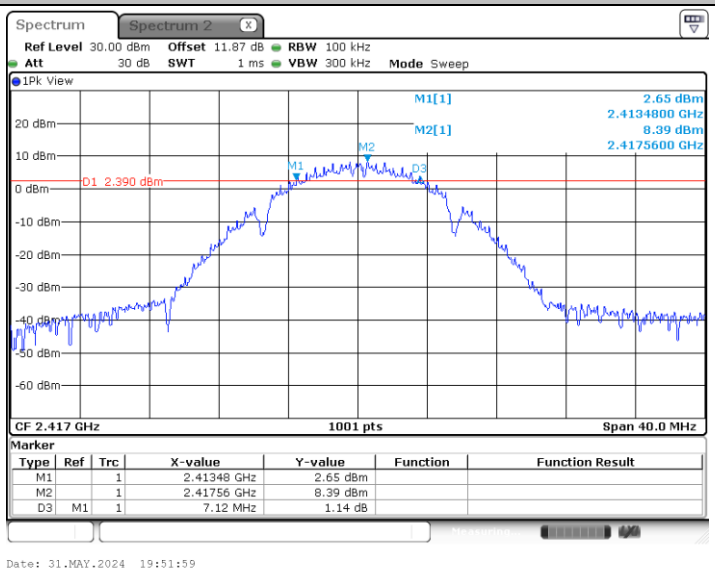

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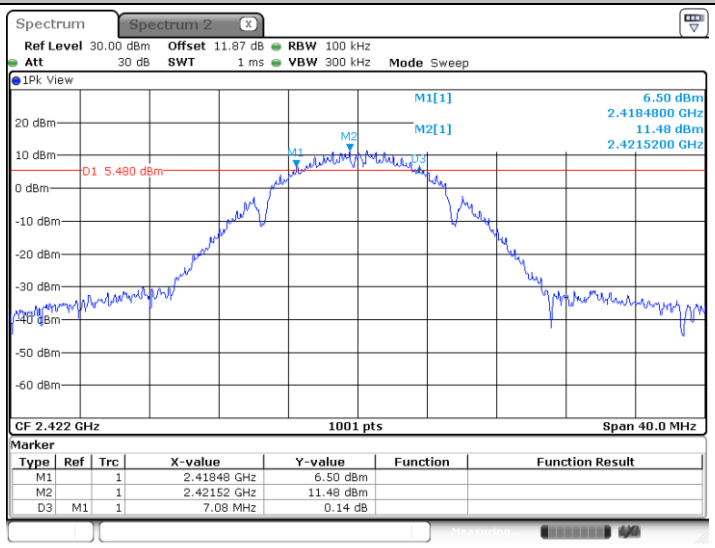

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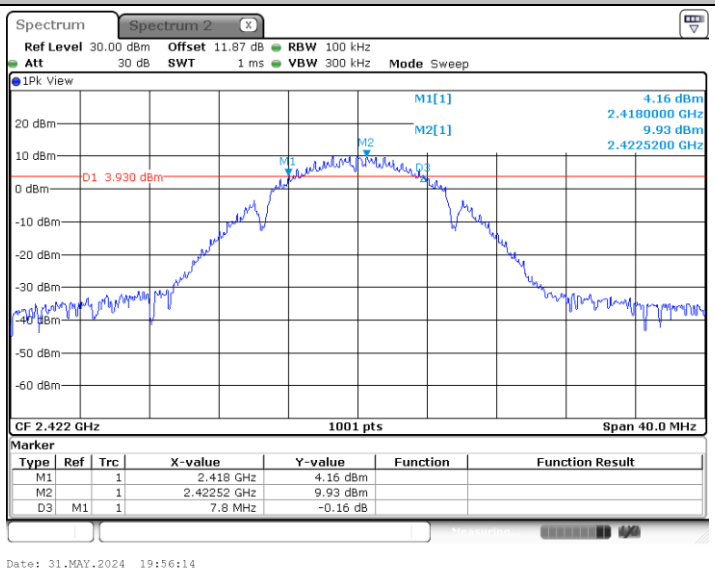

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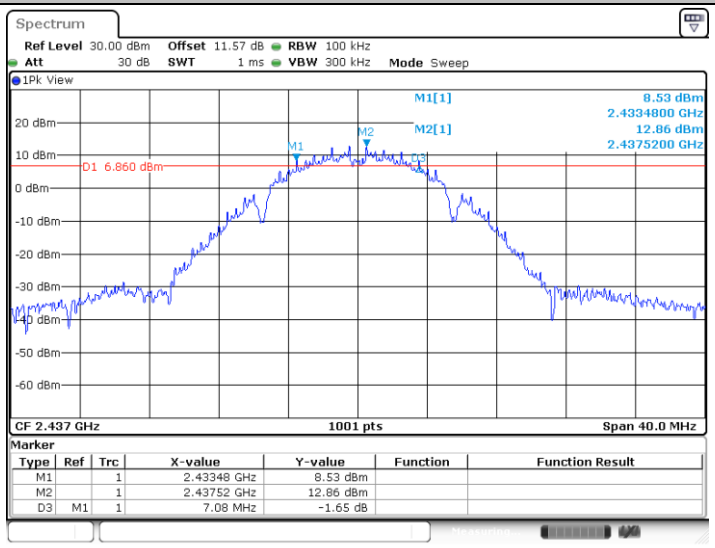

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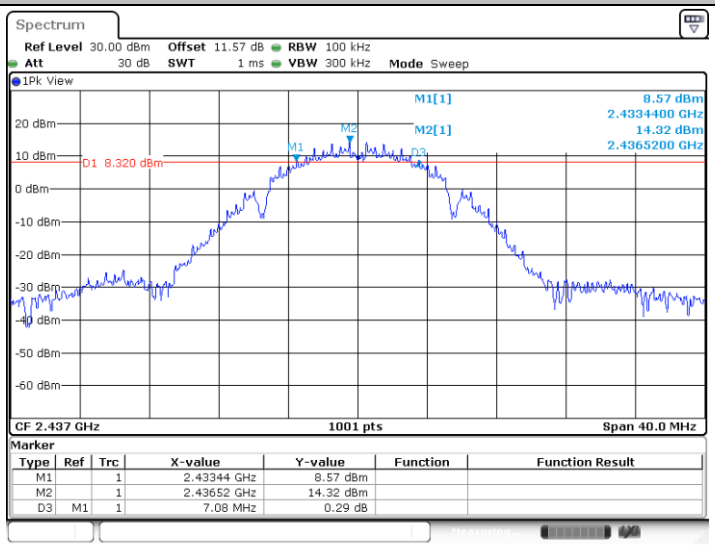

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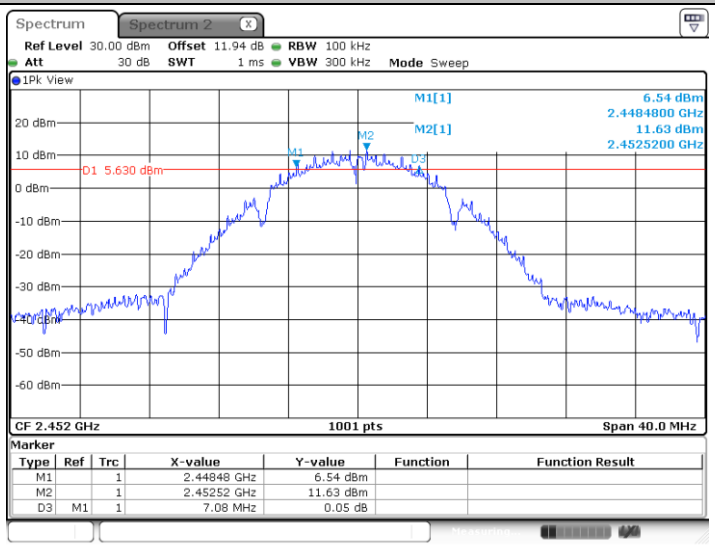

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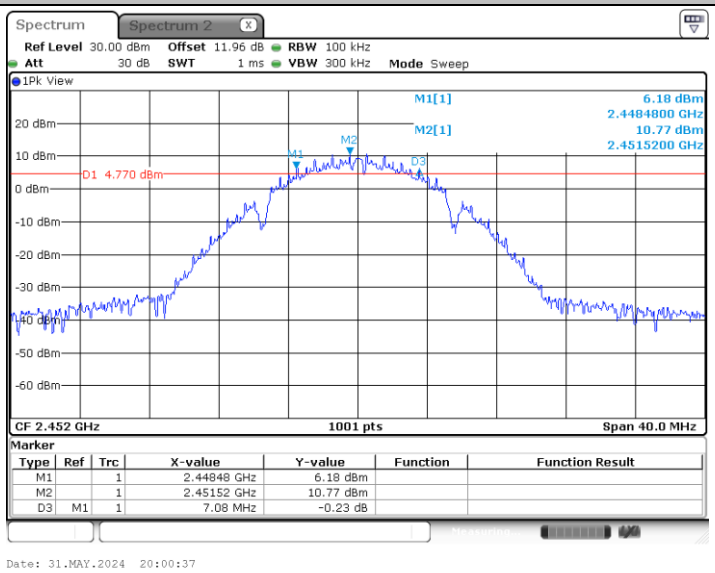

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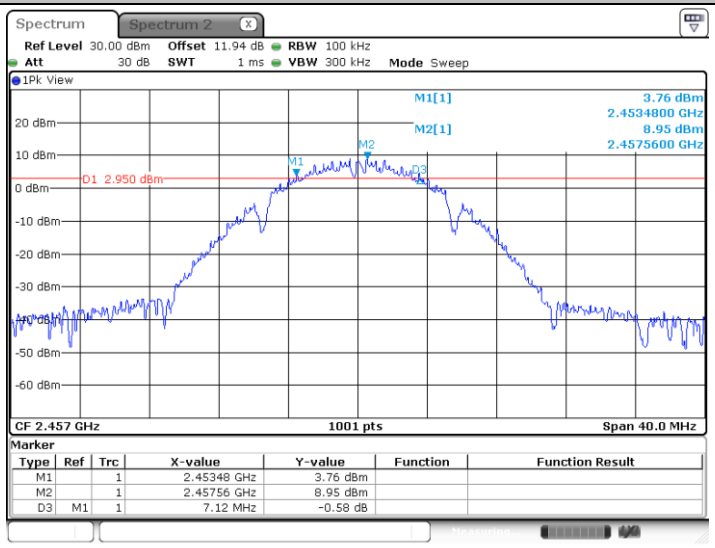

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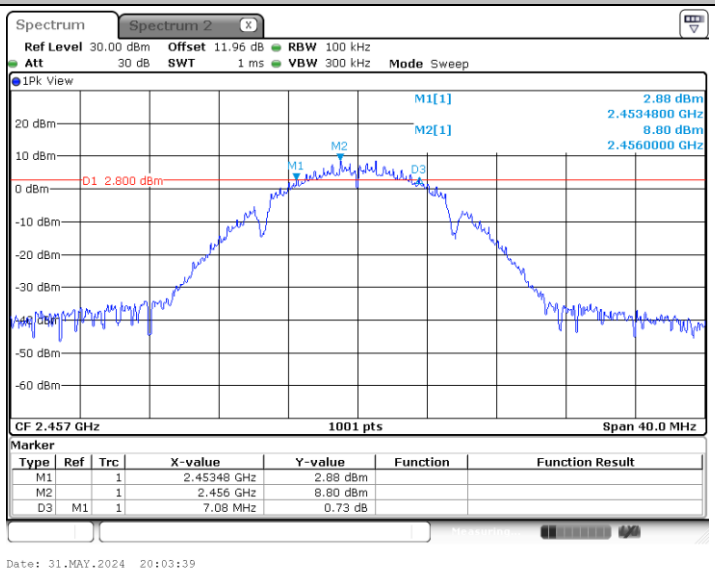

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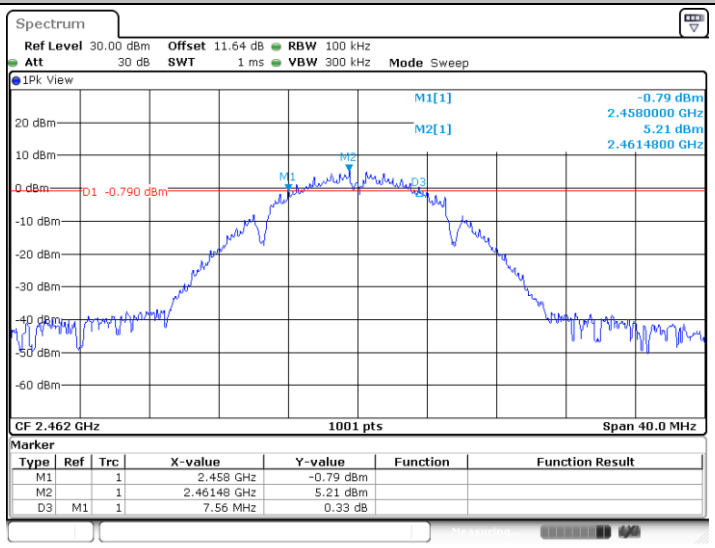

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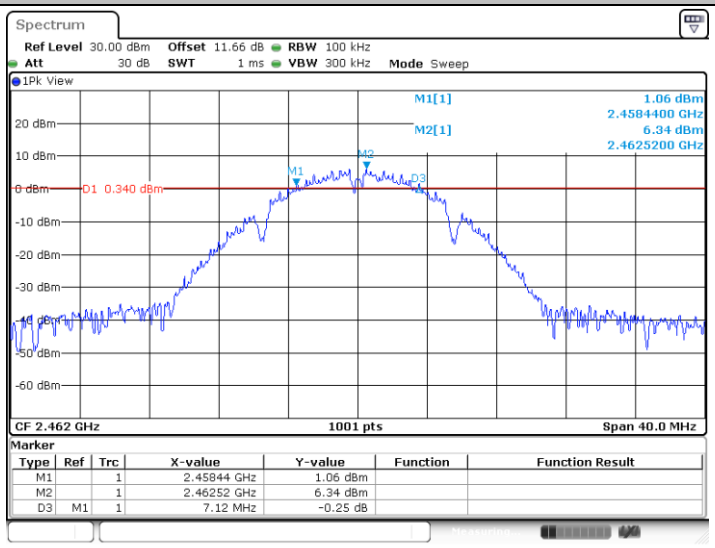

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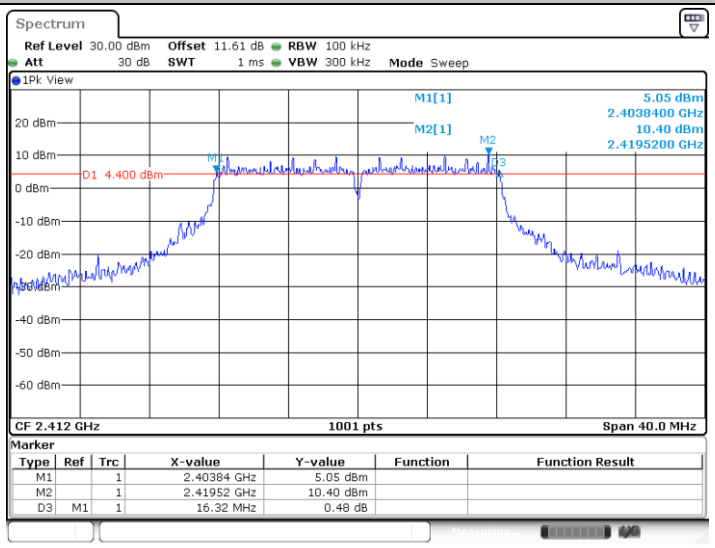

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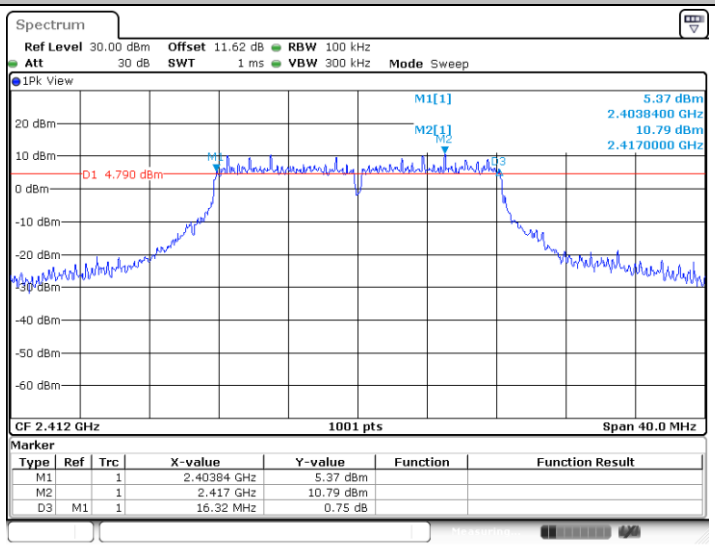

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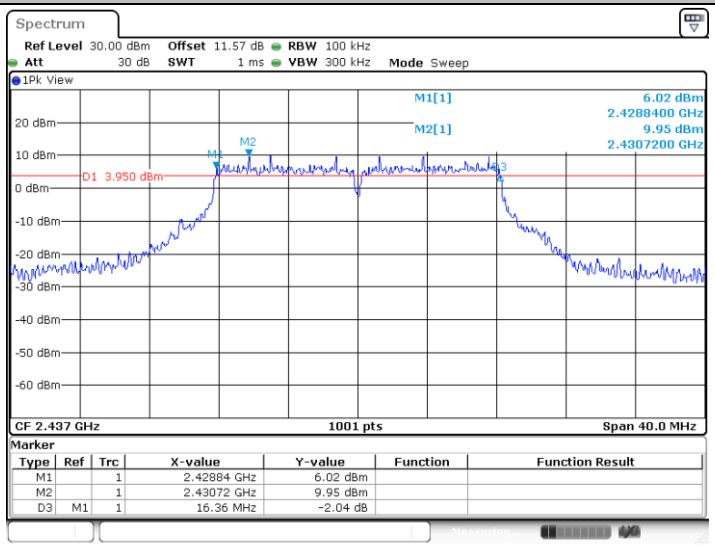

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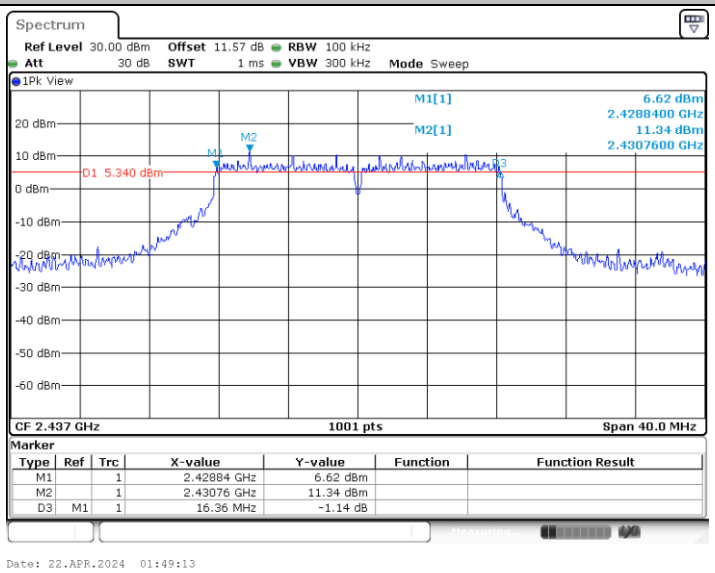

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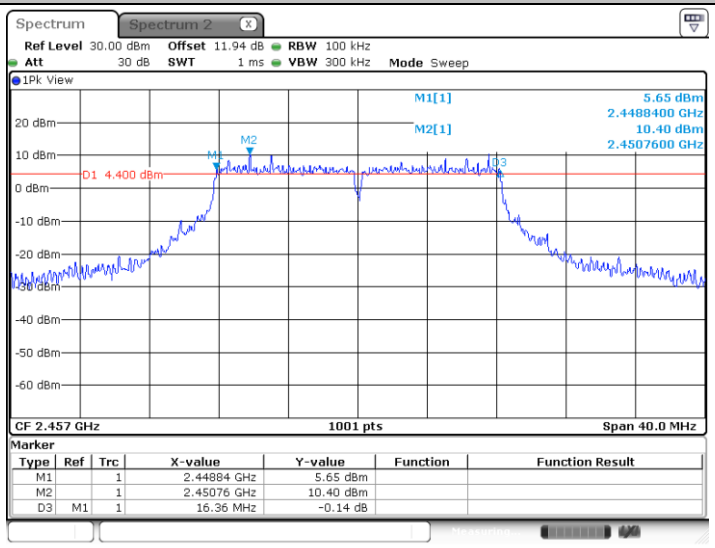

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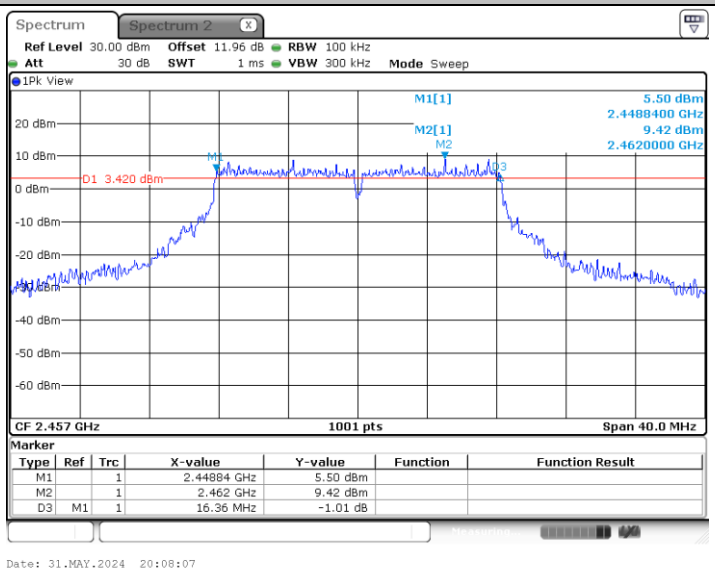

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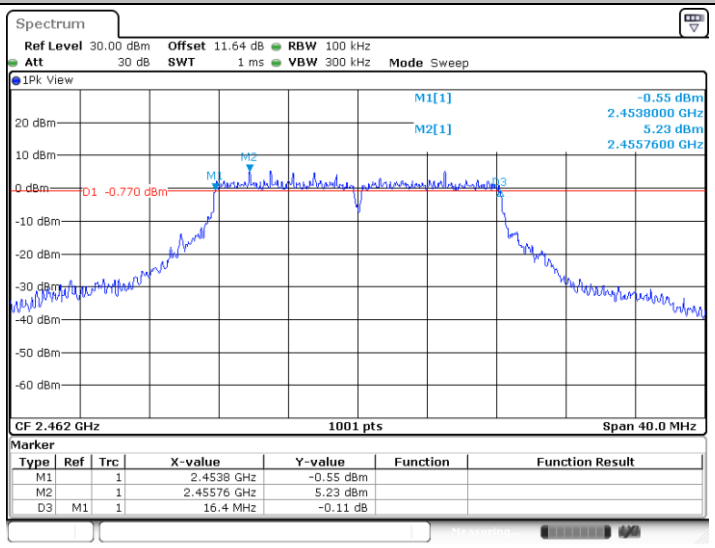

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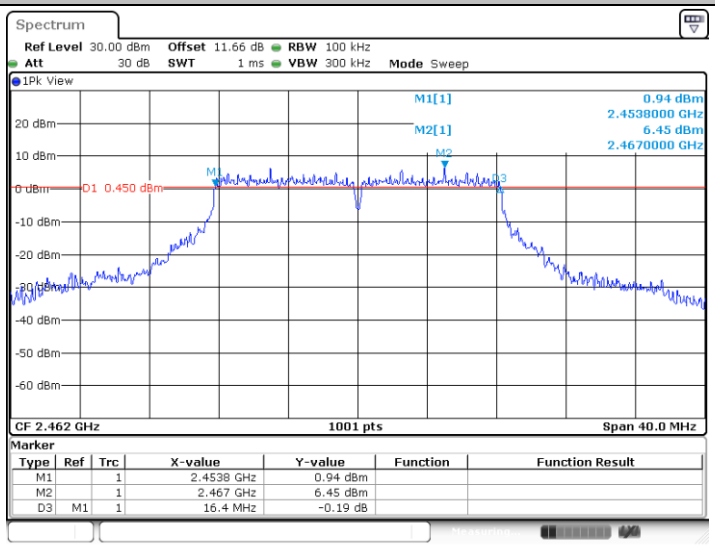

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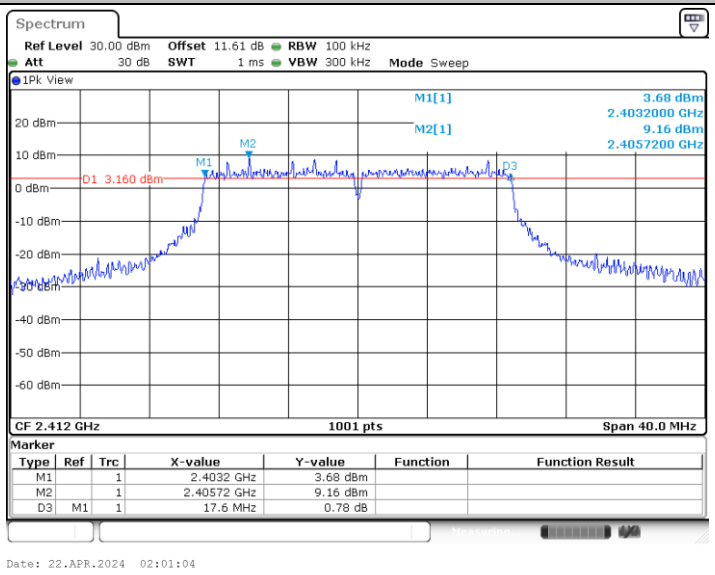

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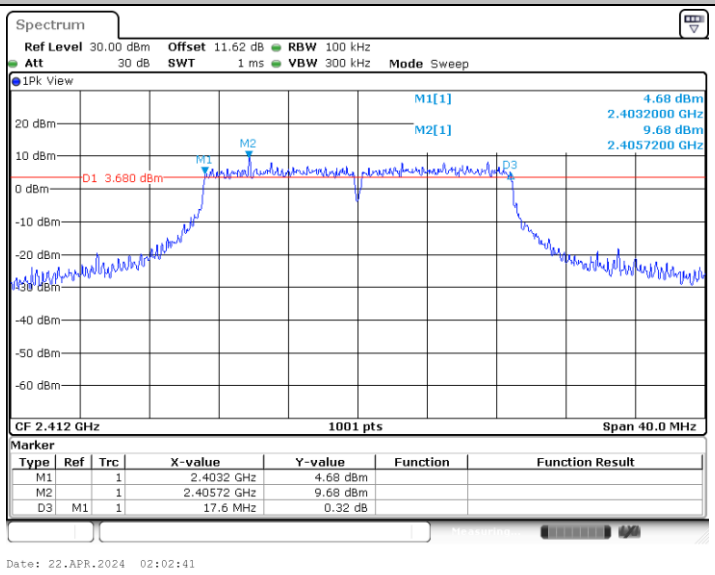

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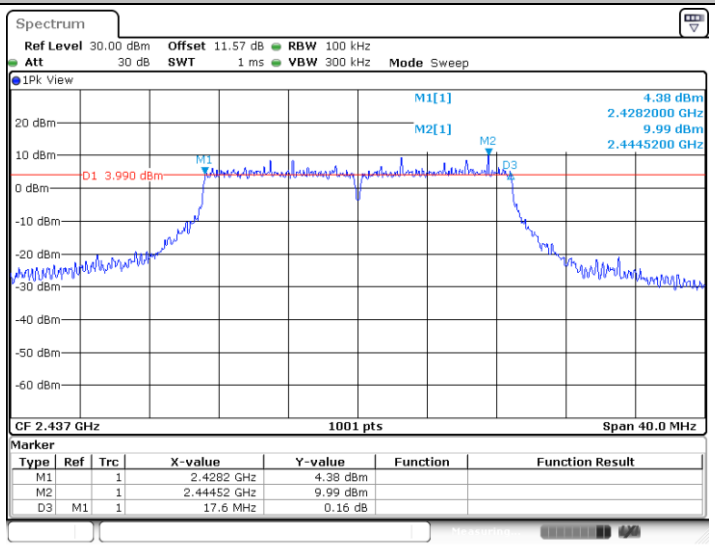

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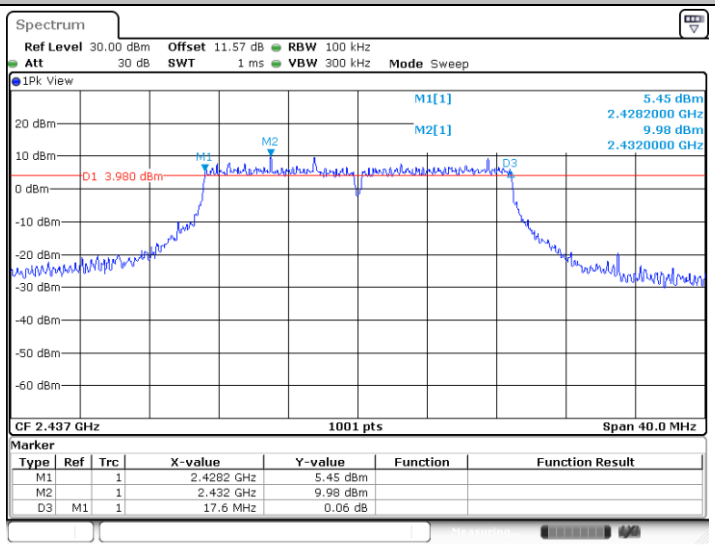

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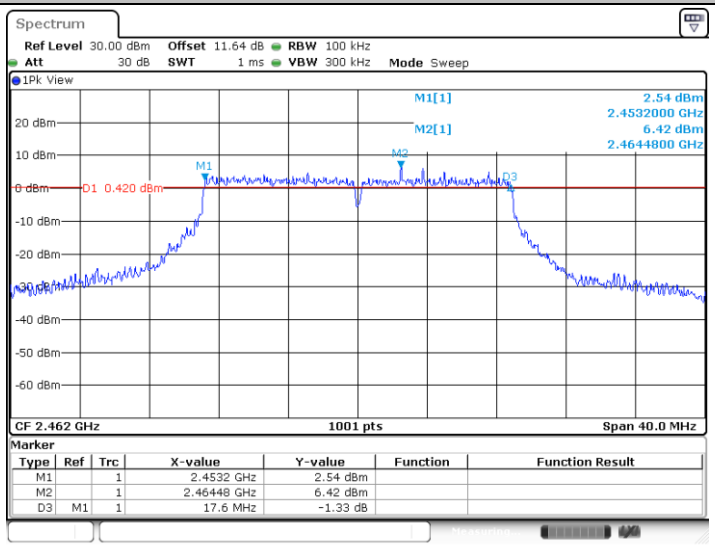

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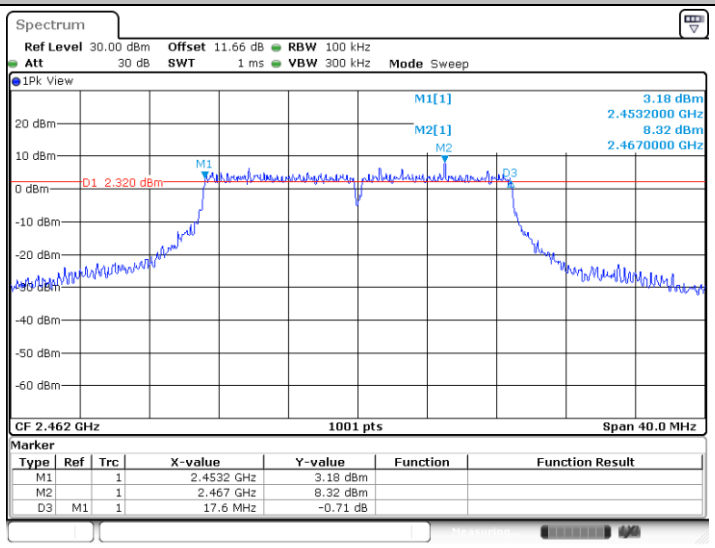

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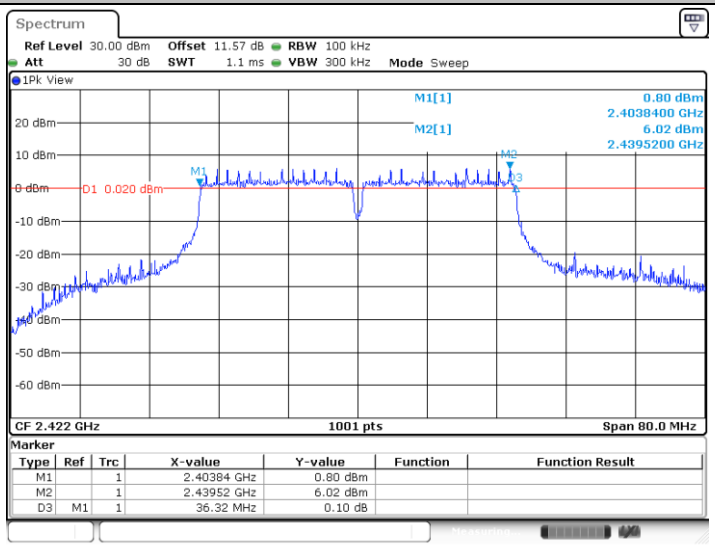

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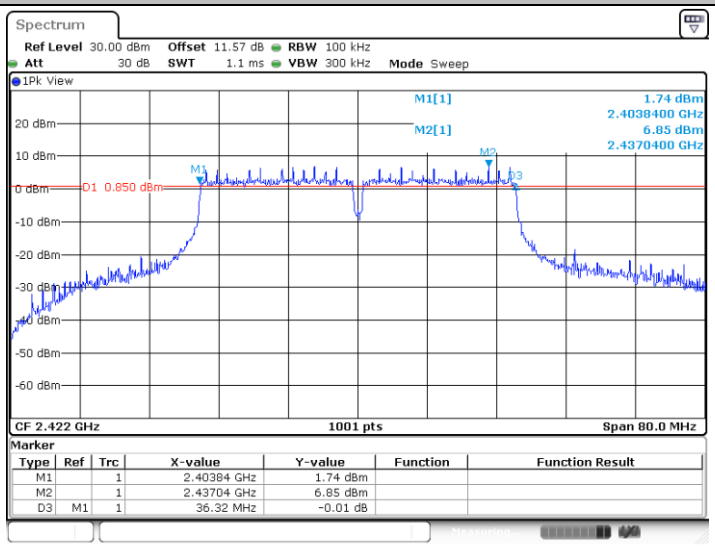

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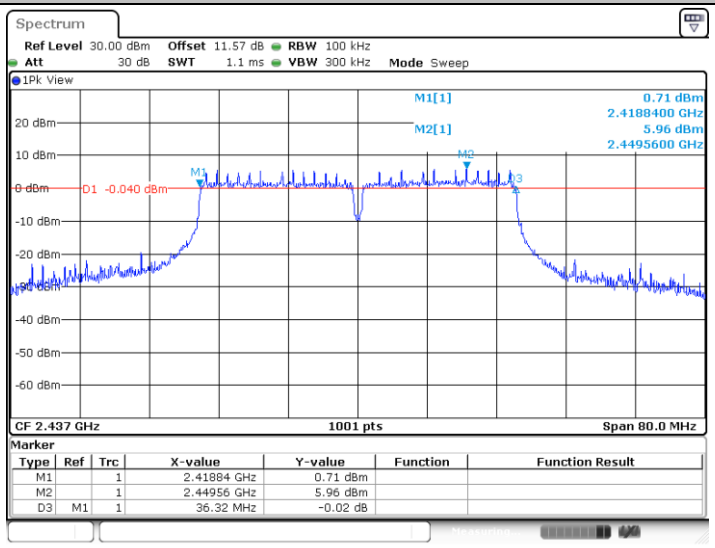

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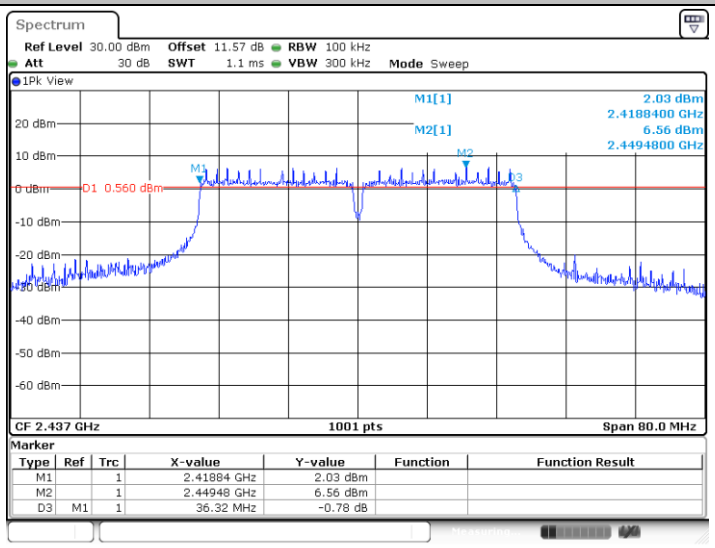

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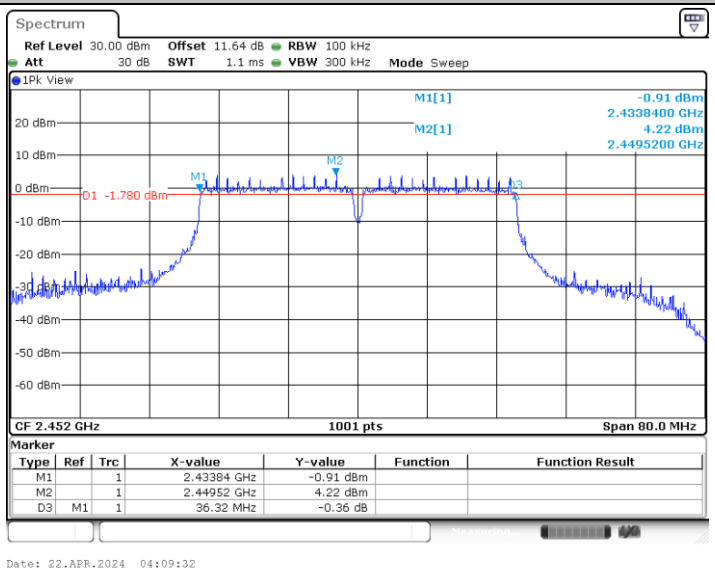

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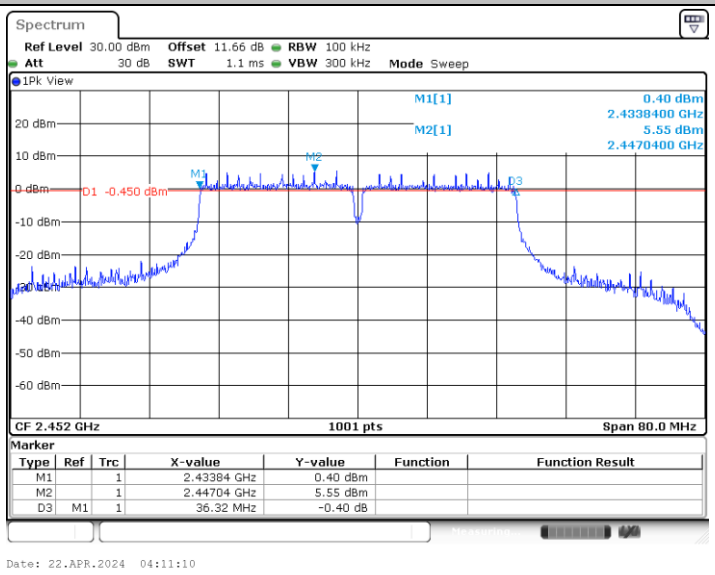

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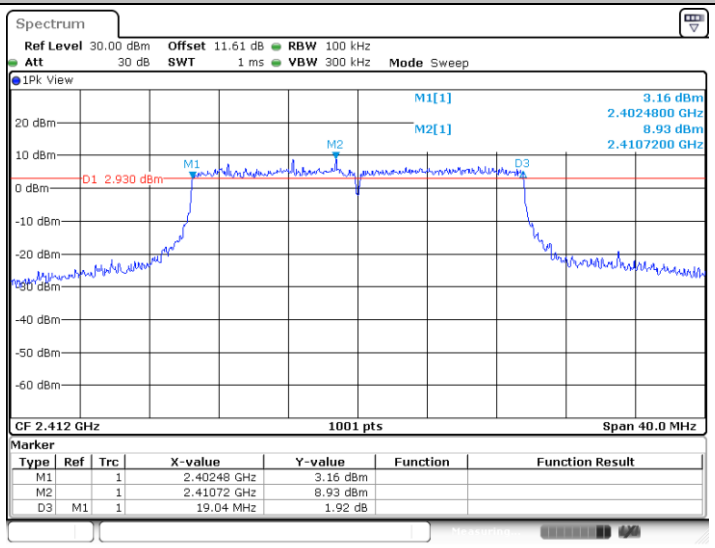

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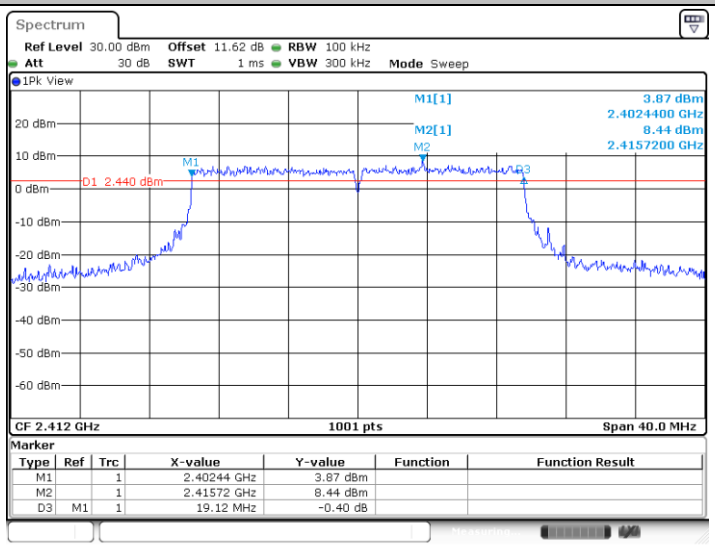

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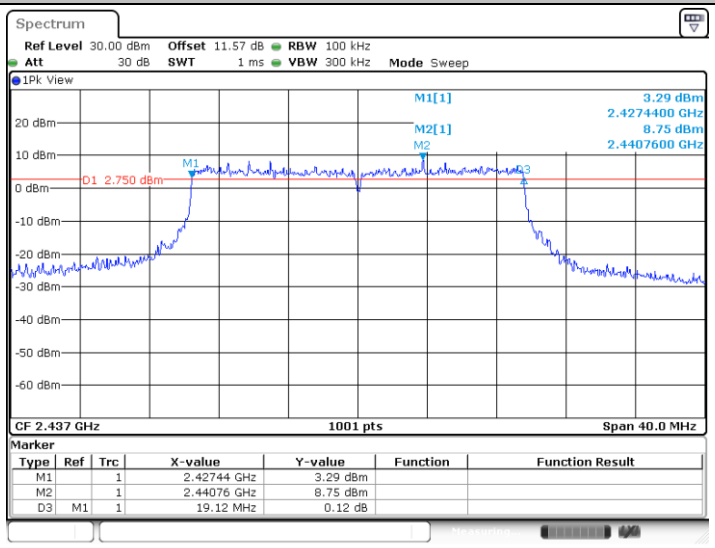

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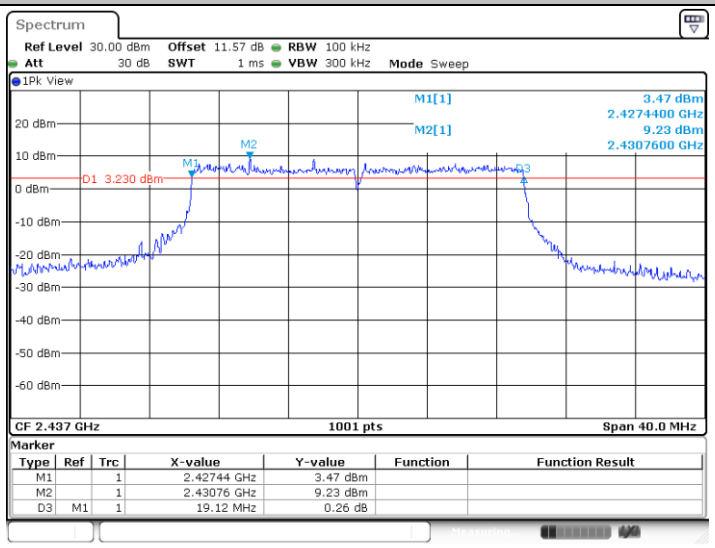

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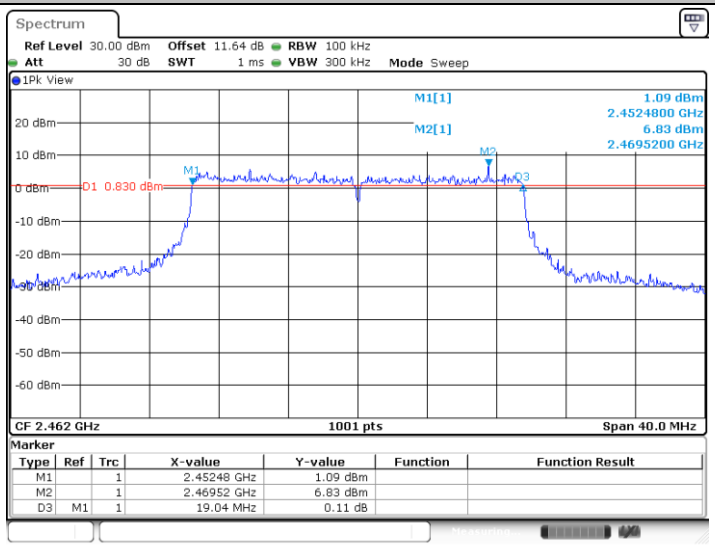

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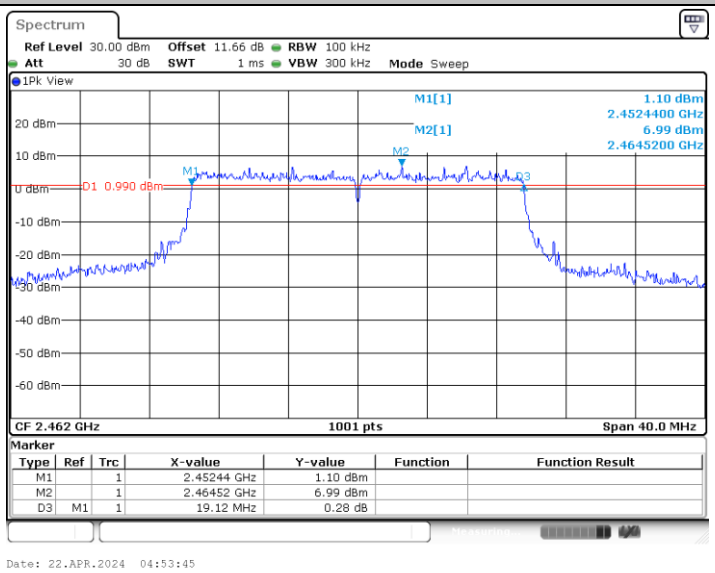

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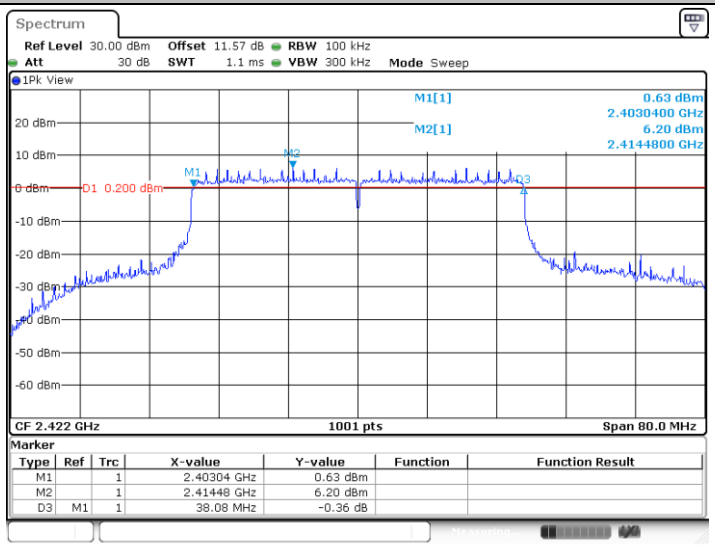

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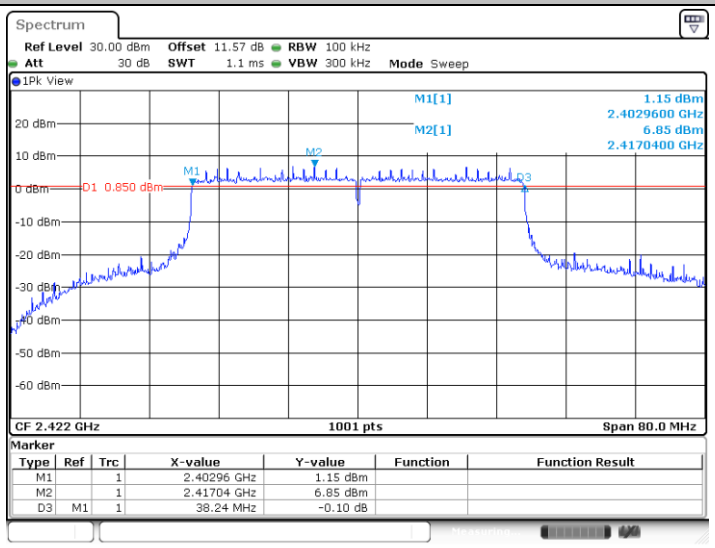

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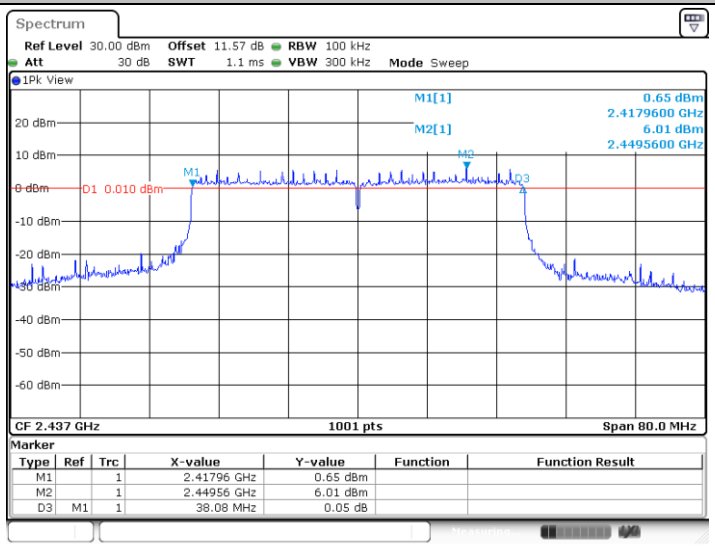
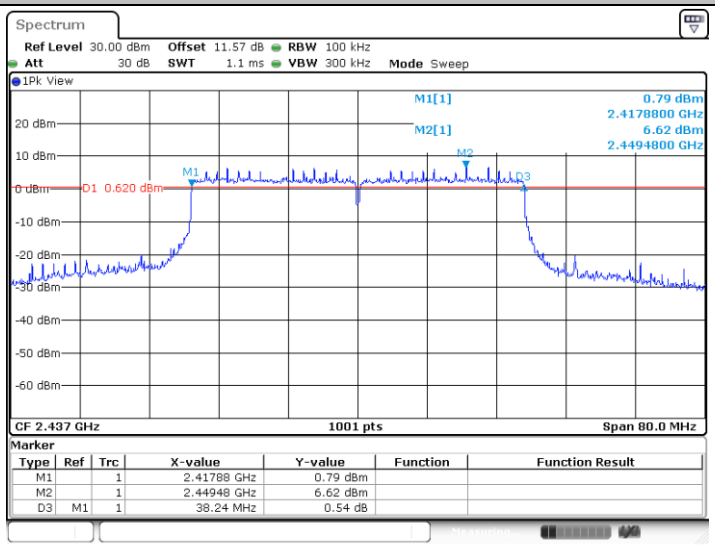


11BE40MIMO_Ant2_2437



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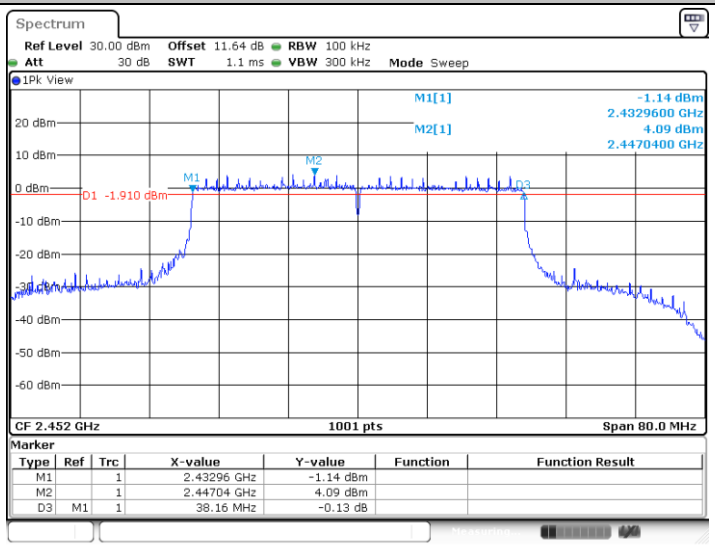

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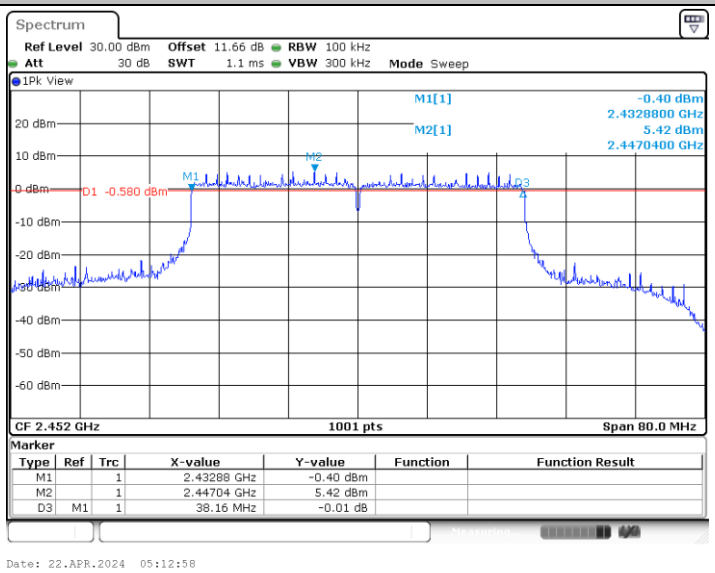


Occupied Channel Bandwidth

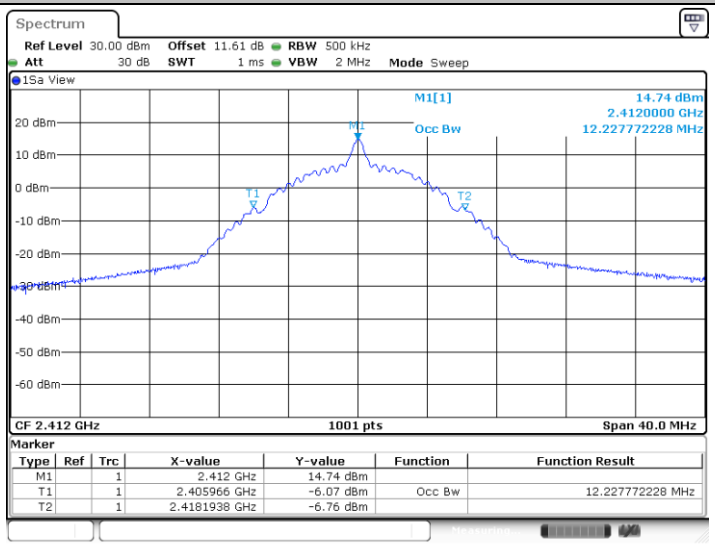
Test Result

TestMode	Antenna	Freq(MHz)	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B-CDD	Ant1	2412	12.228	2405.9660	2418.1938	---	---
	Ant2	2412	12.148	2406.0060	2418.1538	---	---
	Ant1	2417	11.948	2411.0859	2423.0340	---	---
	Ant2	2417	11.868	2411.1259	2422.9940	---	---
	Ant1	2422	11.908	2416.0460	2427.9540	---	---
	Ant2	2422	11.868	2416.0859	2427.9540	---	---
	Ant1	2437	12.188	2430.9261	2443.1139	---	---
	Ant2	2437	11.988	2431.0060	2442.9940	---	---
	Ant1	2452	11.988	2446.0060	2457.9940	---	---
	Ant2	2452	11.948	2446.0060	2457.9540	---	---
	Ant1	2457	12.188	2450.8861	2463.0739	---	---
	Ant2	2457	12.148	2450.8861	2463.0340	---	---
	Ant1	2462	12.428	2455.7263	2468.1538	---	---
	Ant2	2462	12.228	2455.8462	2468.0739	---	---
11G-CDD	Ant1	2412	17.542	2403.1289	2420.6713	---	---
	Ant2	2412	17.263	2403.3686	2420.6314	---	---
	Ant1	2437	17.782	2427.9690	2445.7512	---	---
	Ant2	2437	17.502	2428.2088	2445.7113	---	---
	Ant1	2457	17.622	2448.0490	2465.6713	---	---
	Ant2	2457	17.343	2448.2488	2465.5914	---	---
	Ant1	2462	17.662	2452.9690	2470.6314	---	---
	Ant2	2462	17.343	2453.2088	2470.5514	---	---
11N20MIMO	Ant1	2412	18.581	2402.6893	2421.2707	---	---
	Ant2	2412	18.501	2402.7692	2421.2707	---	---
	Ant1	2437	18.741	2427.5694	2446.3107	---	---
	Ant2	2437	18.501	2427.7293	2446.2308	---	---
	Ant1	2462	18.661	2452.5295	2471.1908	---	---
	Ant2	2462	18.462	2452.6893	2471.1508	---	---
11N40MIMO	Ant1	2422	37.483	2403.2987	2440.7812	---	---
	Ant2	2422	37.163	2403.5385	2440.7013	---	---
	Ant1	2437	37.642	2418.1389	2455.7812	---	---
	Ant2	2437	37.243	2418.3786	2455.6214	---	---
	Ant1	2452	37.403	2433.2188	2470.6214	---	---
	Ant2	2452	37.243	2433.2987	2470.5415	---	---
11BE20MIMO	Ant1	2412	19.341	2402.3696	2421.7103	---	---
	Ant2	2412	19.301	2402.3696	2421.6703	---	---
	Ant1	2437	19.381	2427.3297	2446.7103	---	---

	Ant2	2437	19.421	2427.2897	2446.7103	---	---
	Ant1	2462	19.381	2452.2897	2471.6703	---	---
	Ant2	2462	19.421	2452.2498	2471.6703	---	---
11BE40MIMO	Ant1	2422	38.521	2402.7393	2441.2607	---	---
	Ant2	2422	38.521	2402.7393	2441.2607	---	---
	Ant1	2437	38.521	2417.7393	2456.2607	---	---
	Ant2	2437	38.521	2417.7393	2456.2607	---	---
	Ant1	2452	38.442	2432.7393	2471.1808	---	---
	Ant2	2452	38.442	2432.7393	2471.1808	---	---

Test Graphs

11B-CDD_Ant1_2412



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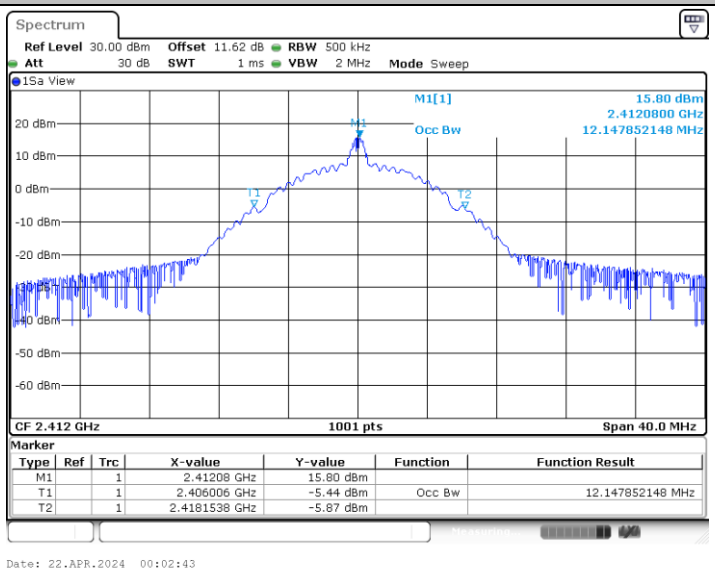

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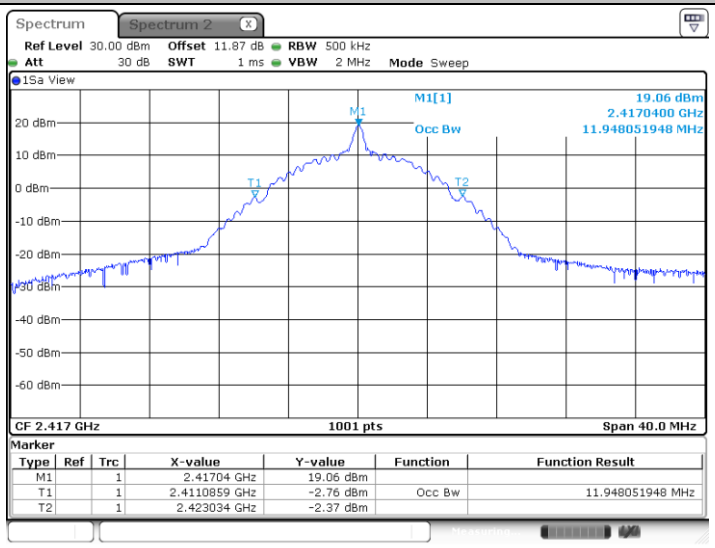

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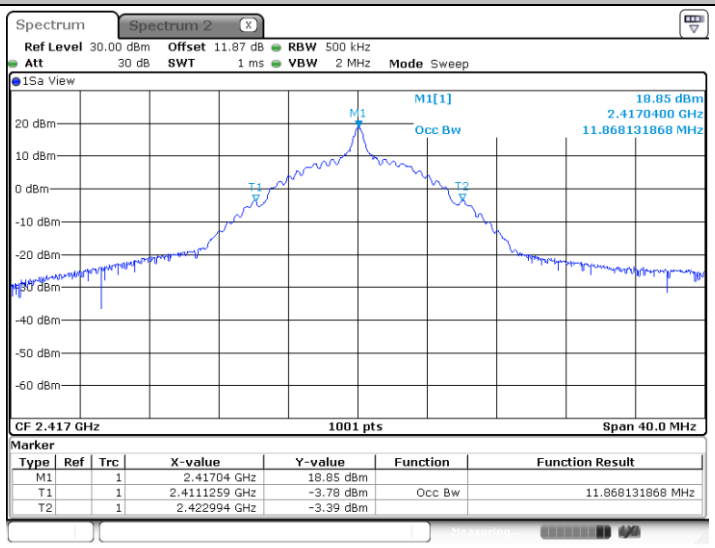

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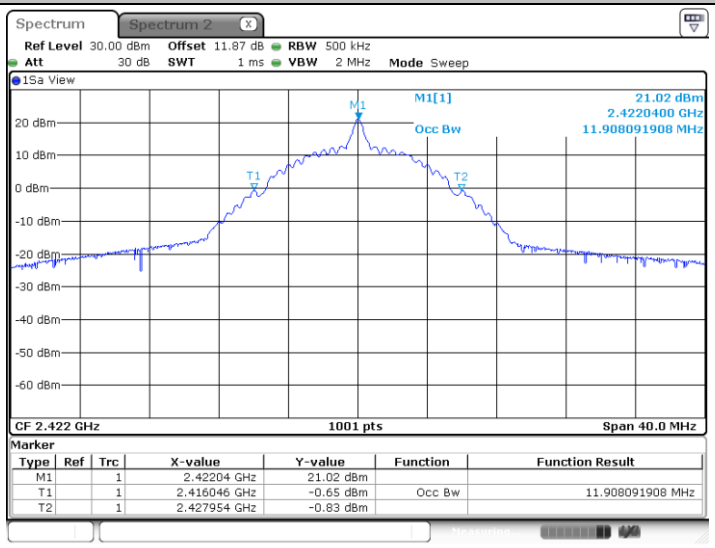

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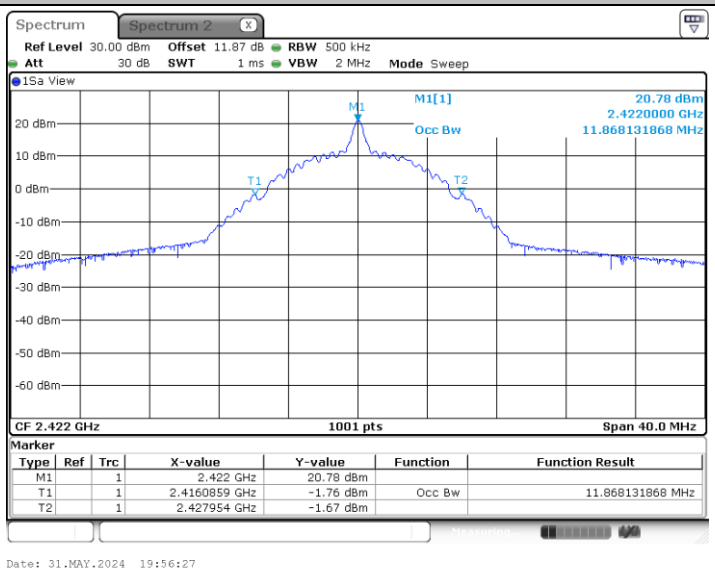

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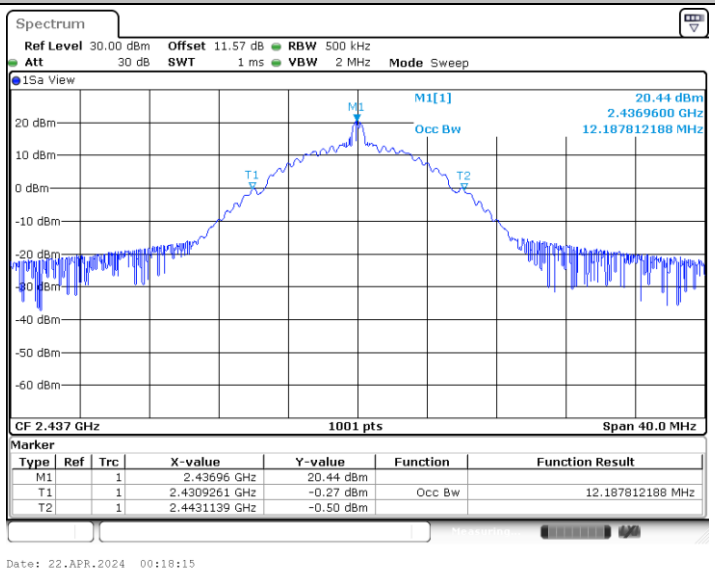

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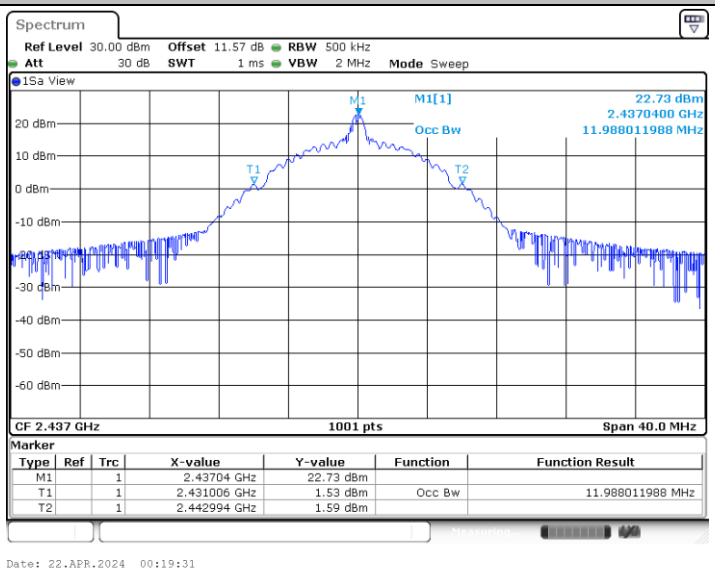

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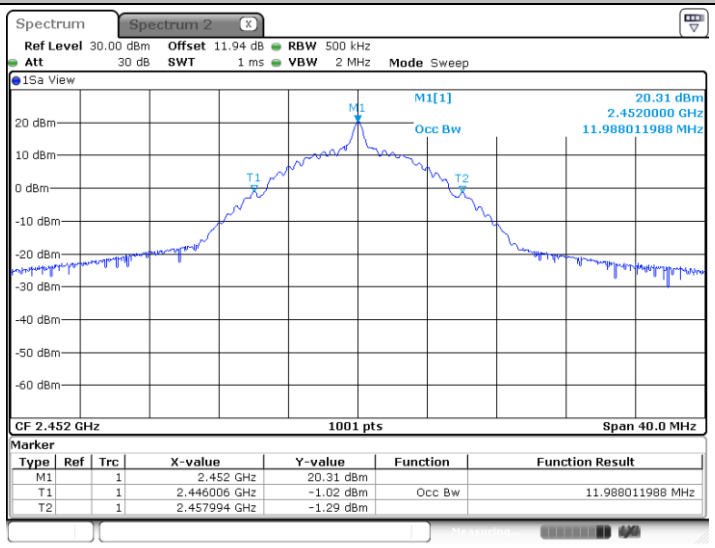

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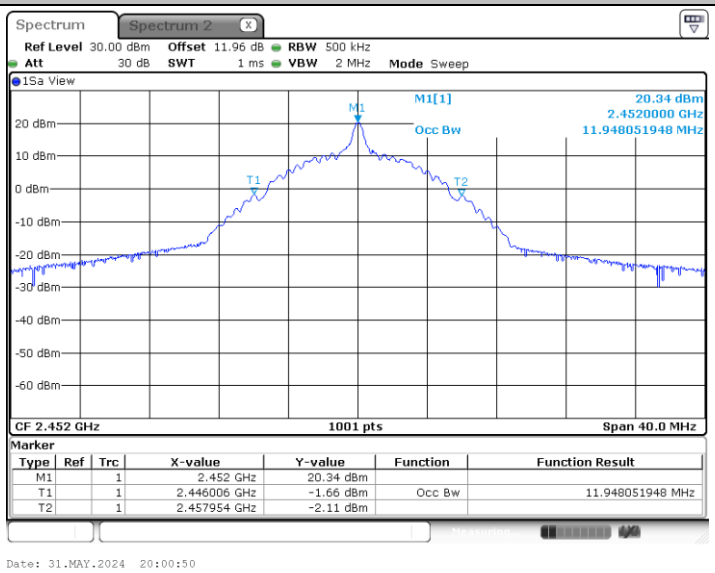

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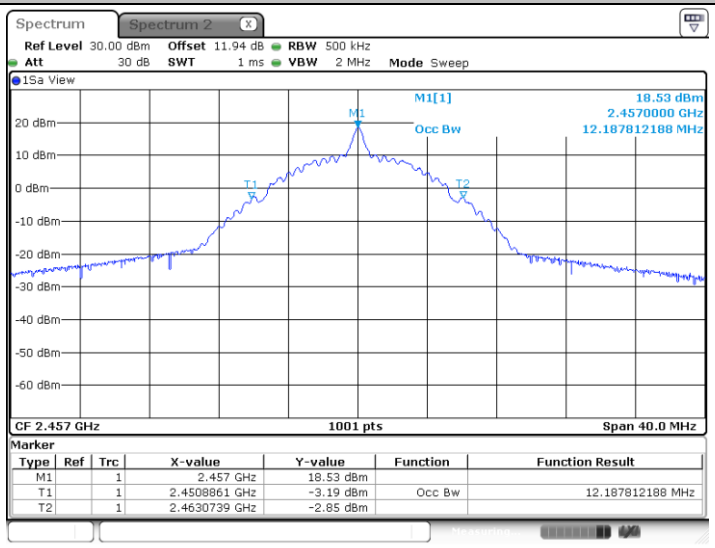

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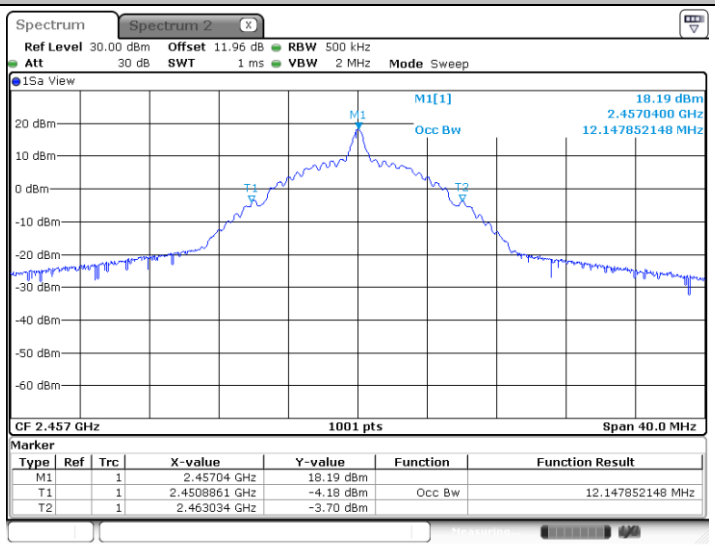

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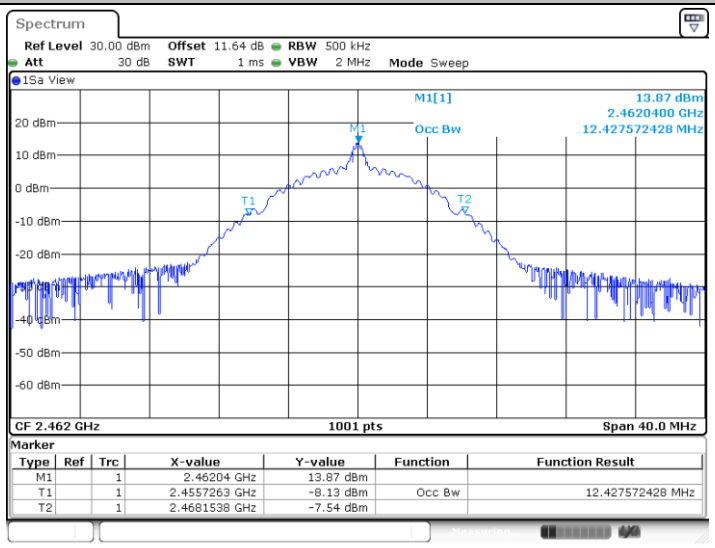

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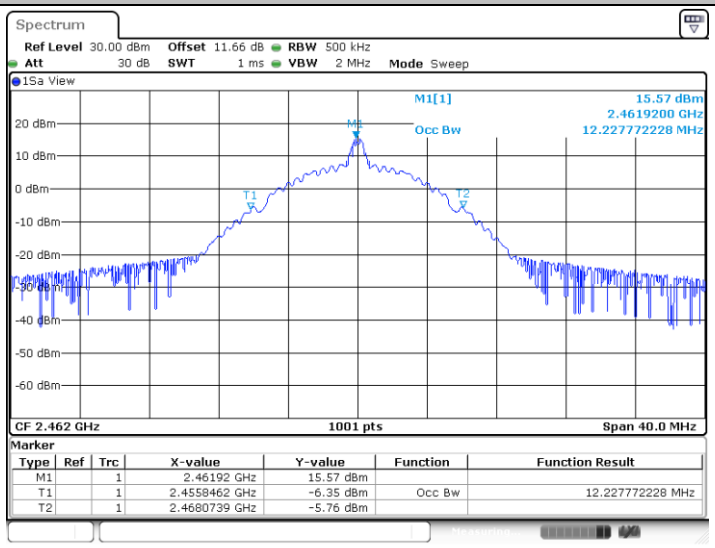

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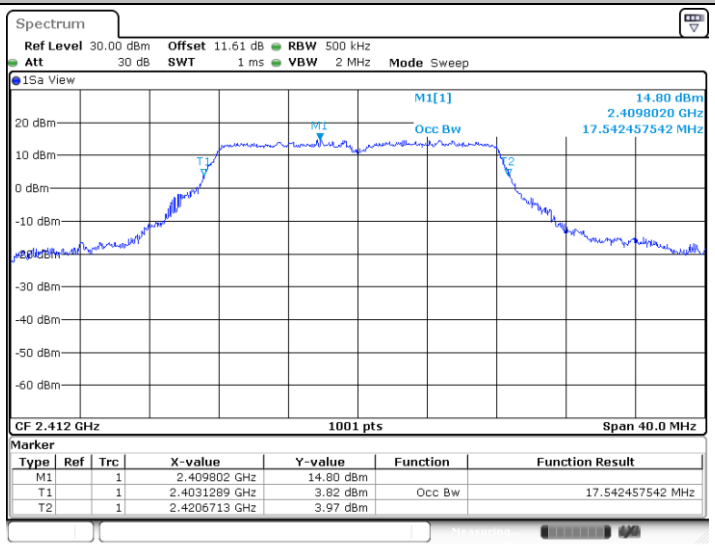

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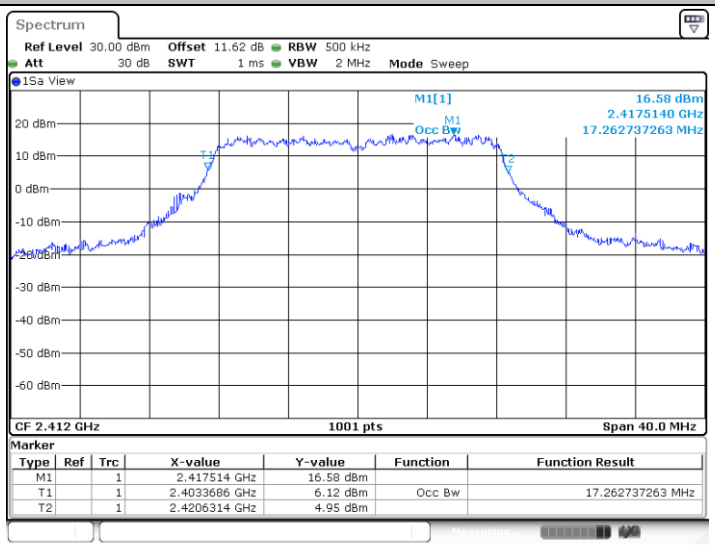

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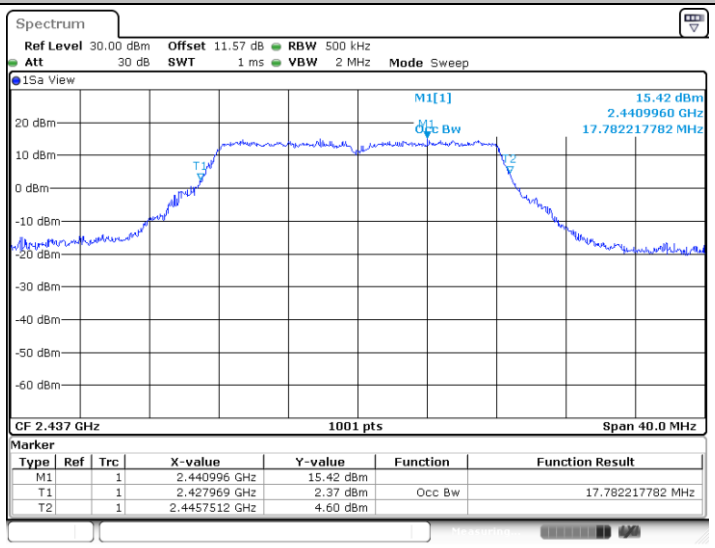

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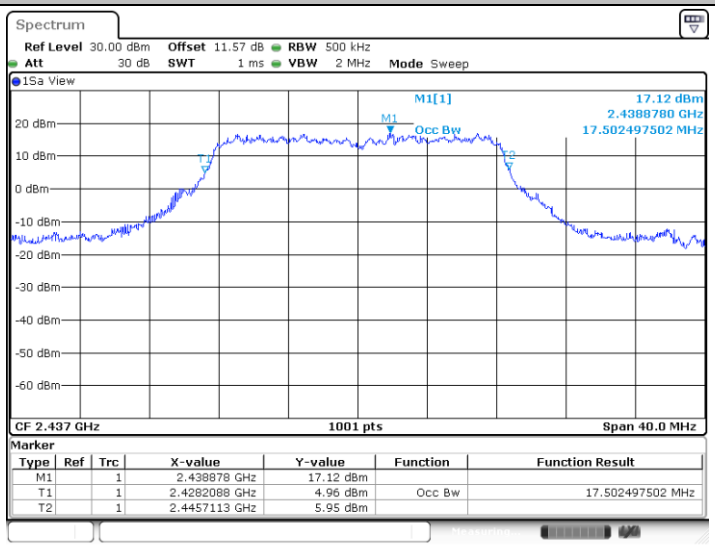

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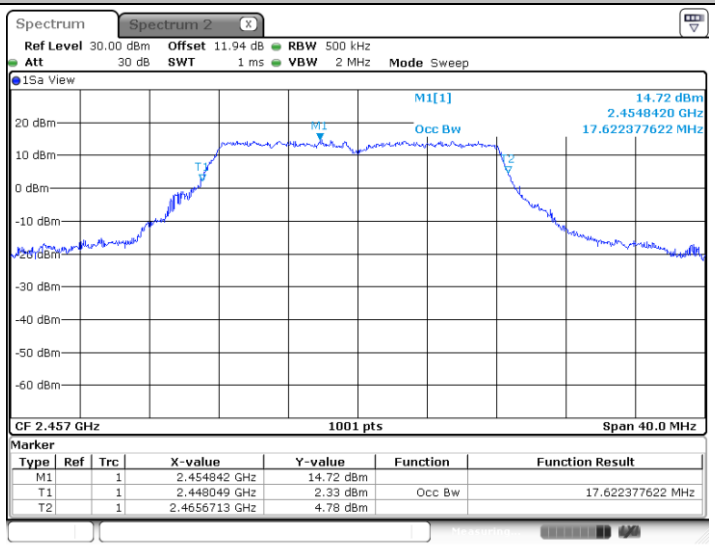

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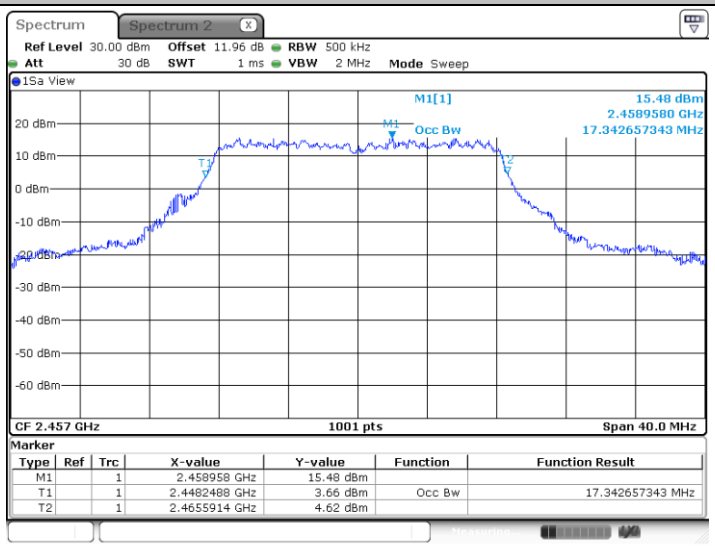

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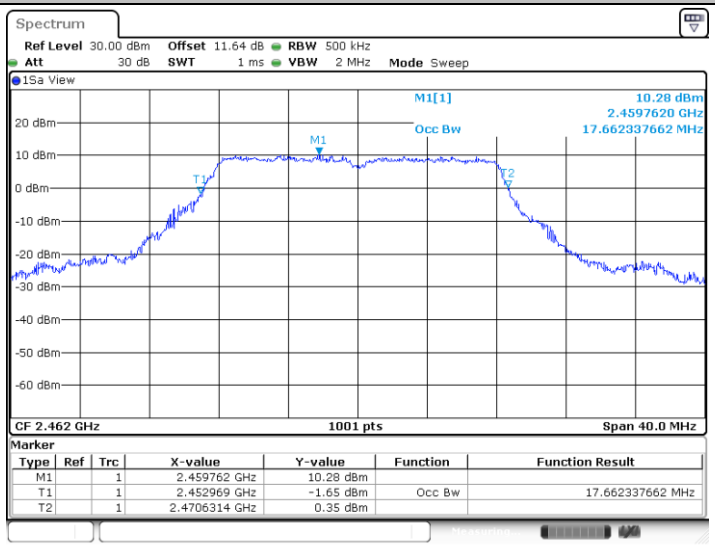

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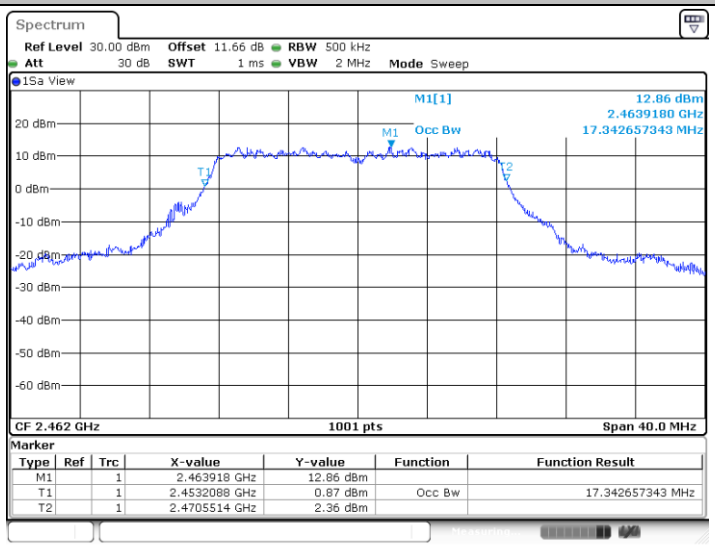

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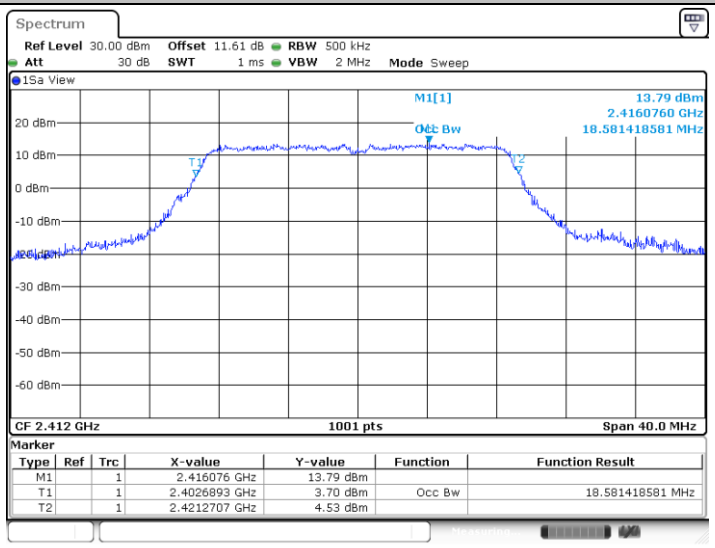

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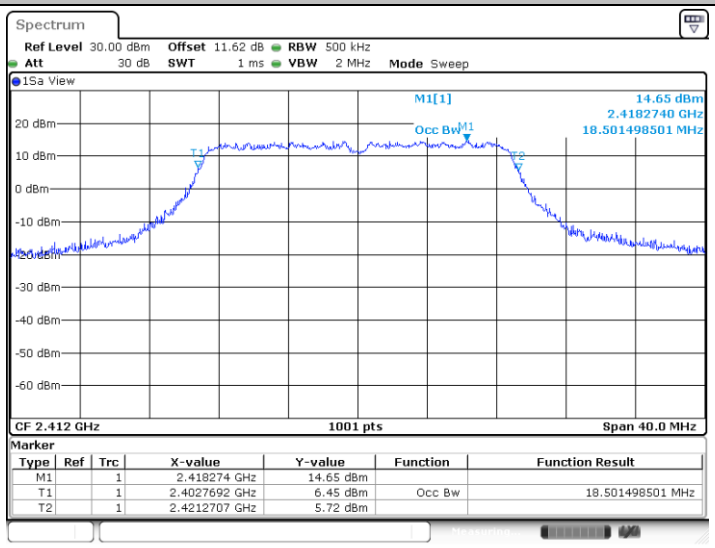

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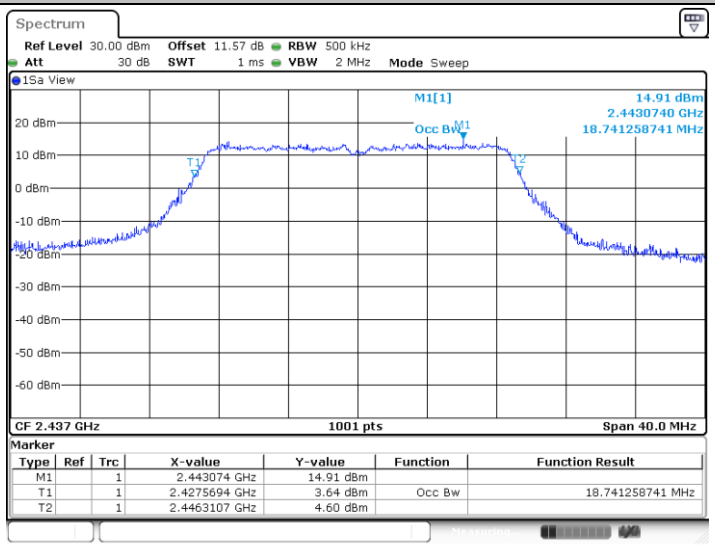

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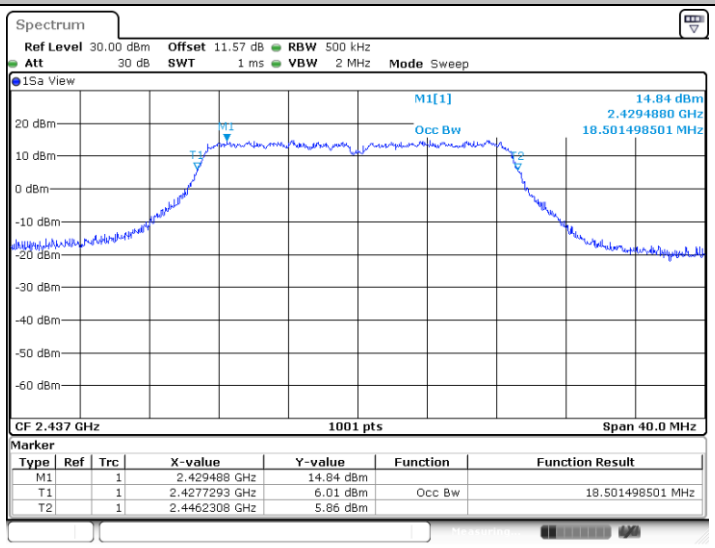

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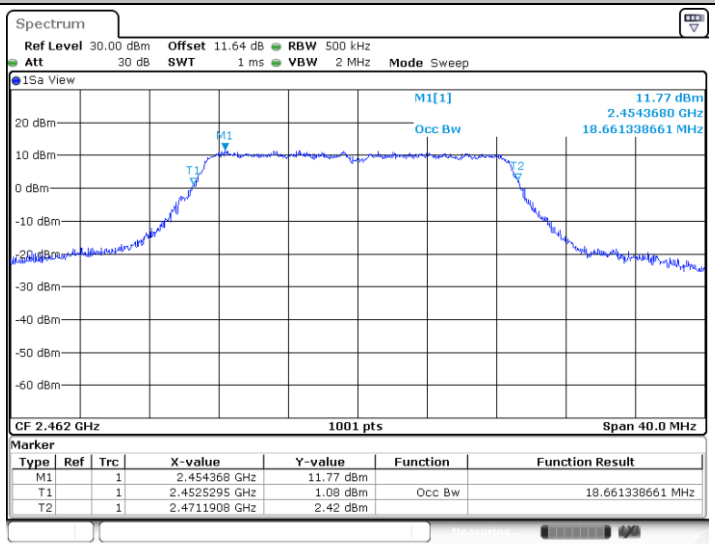

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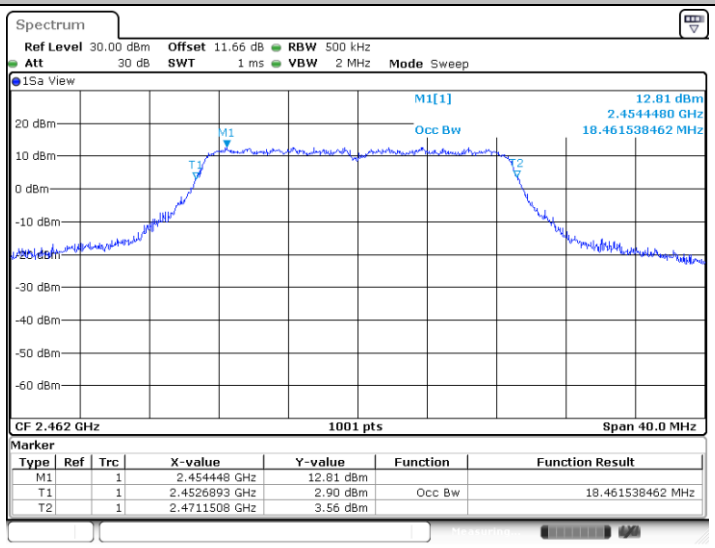

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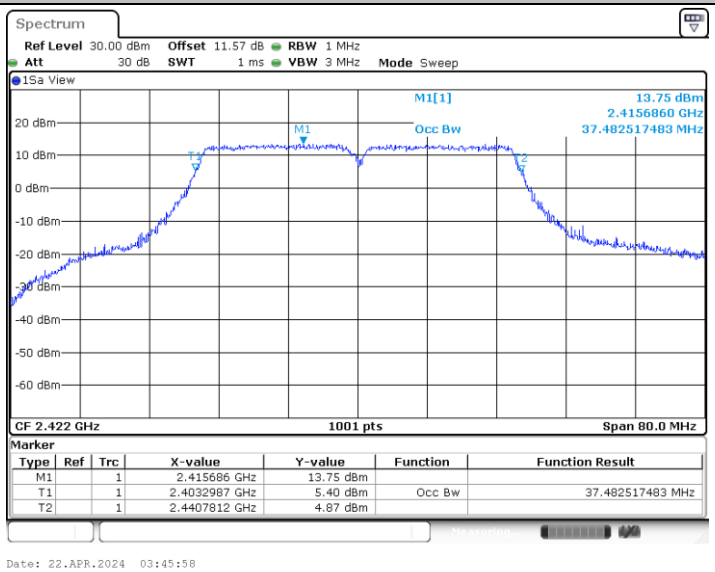

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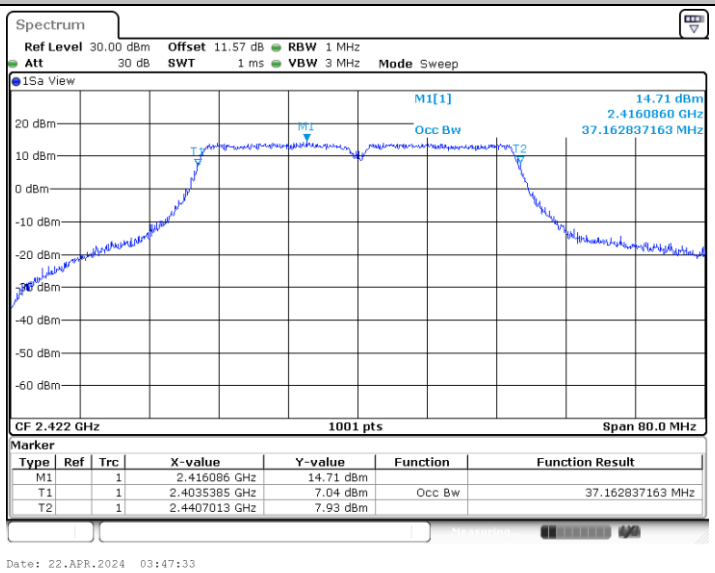

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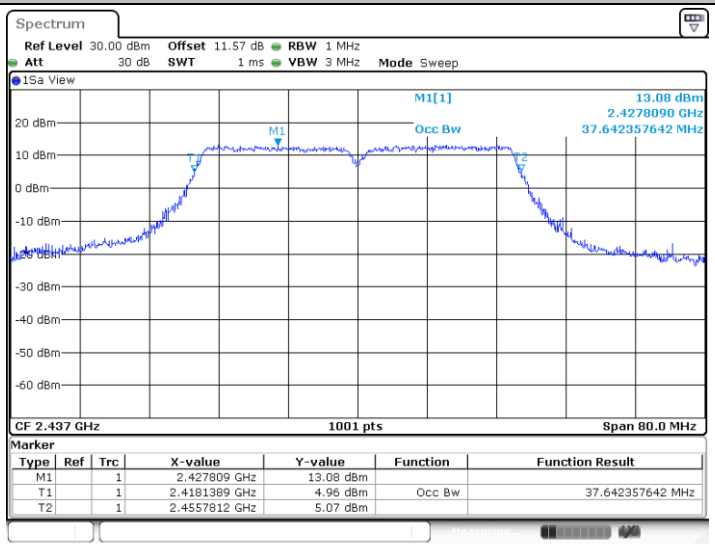

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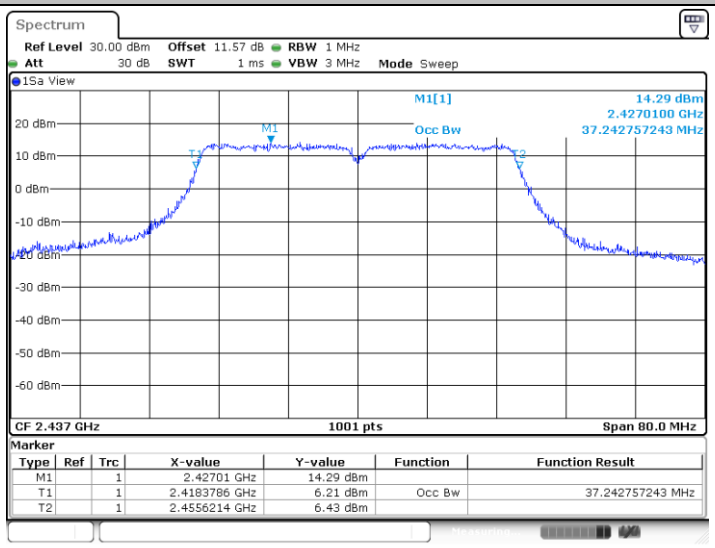

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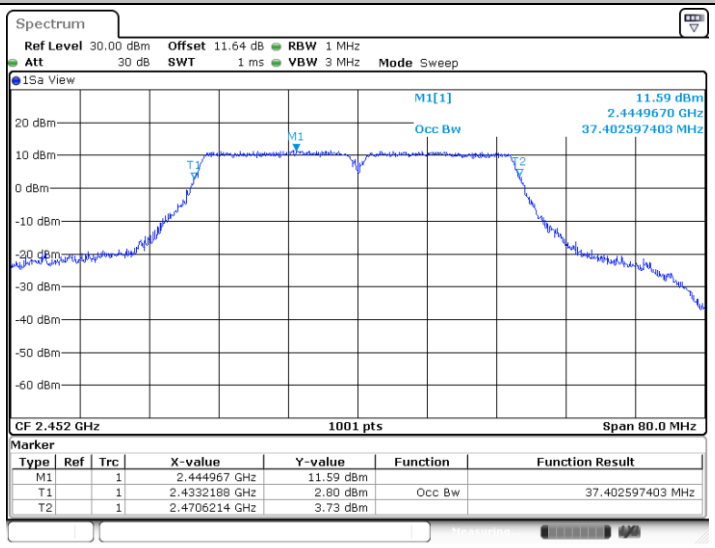

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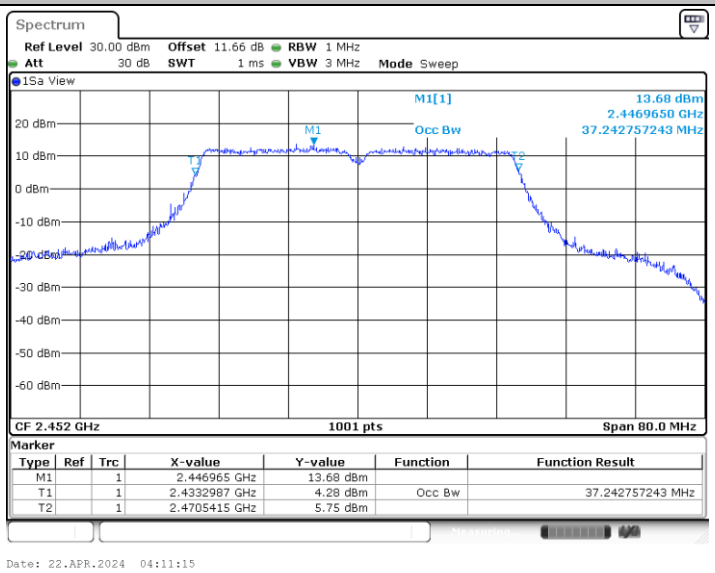

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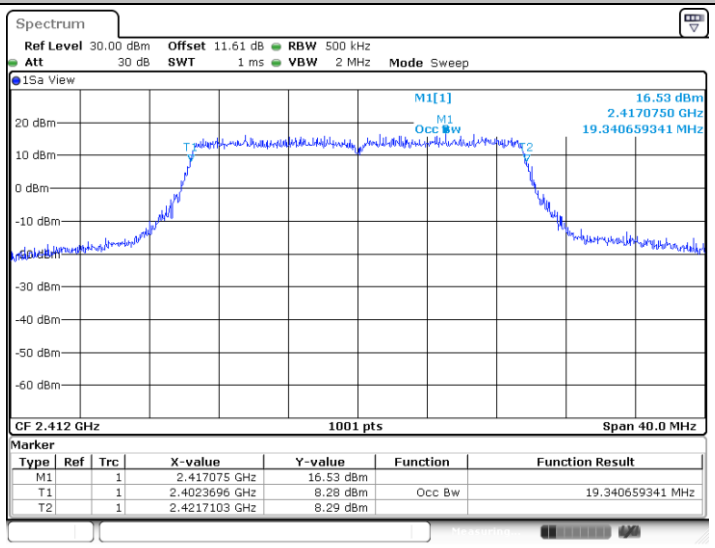

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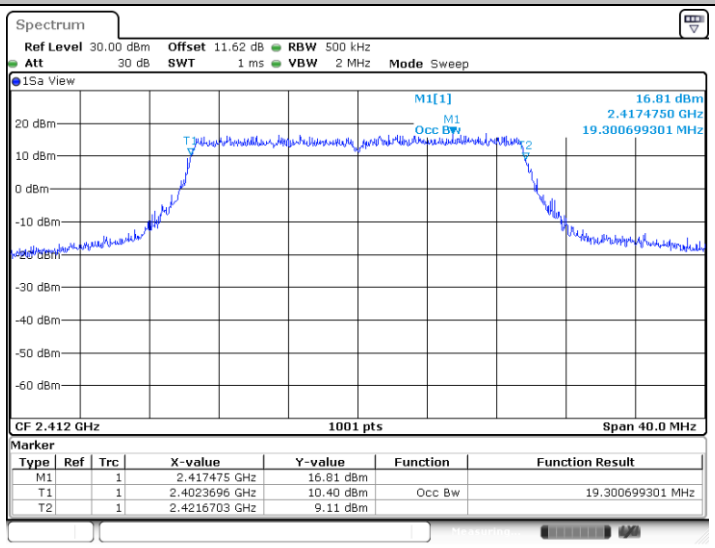

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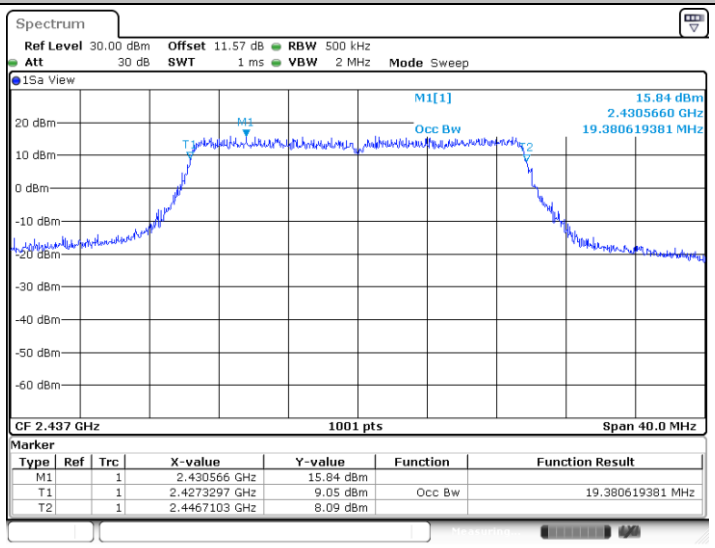

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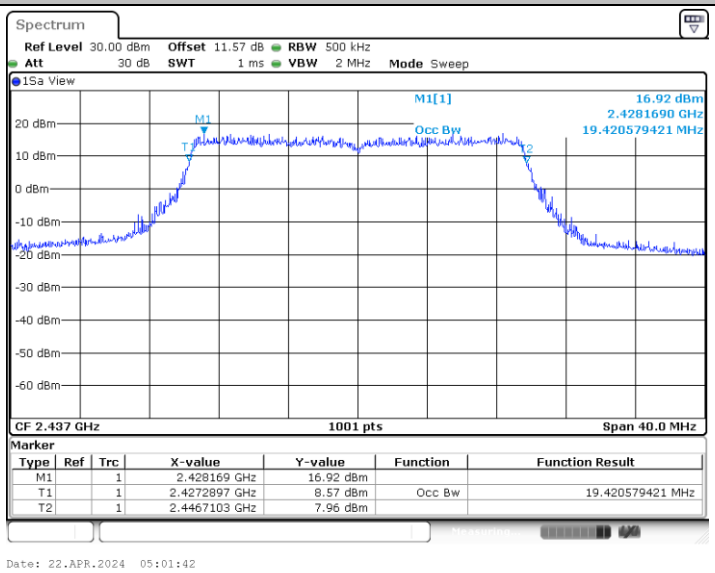

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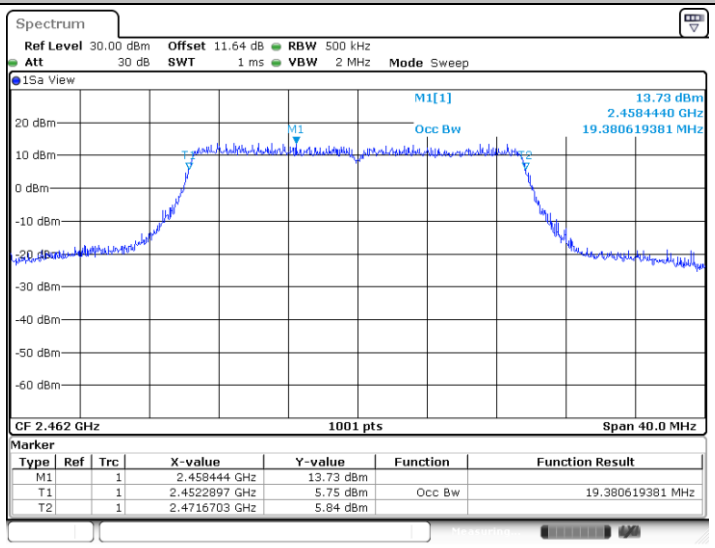

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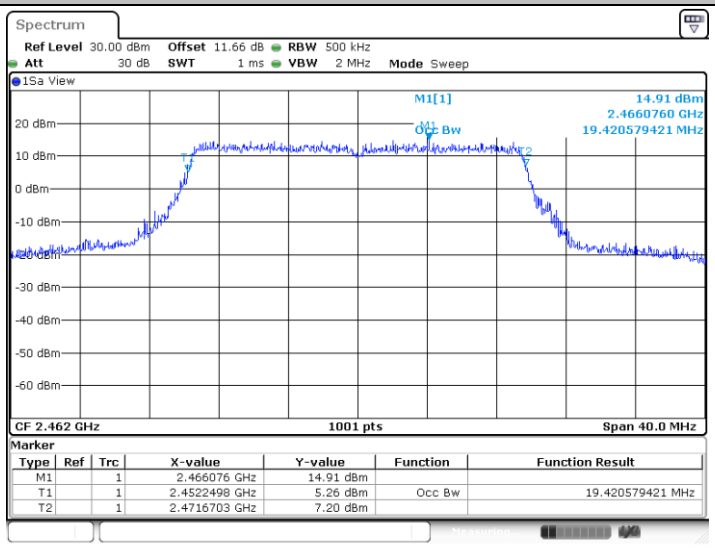
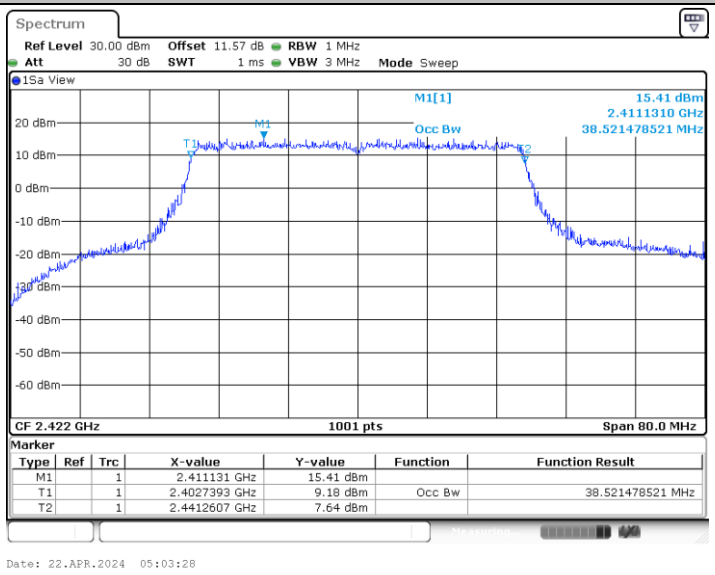
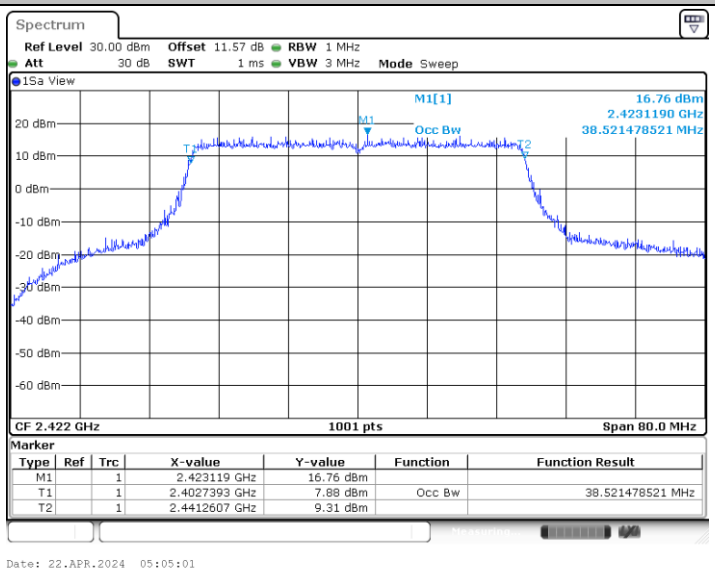


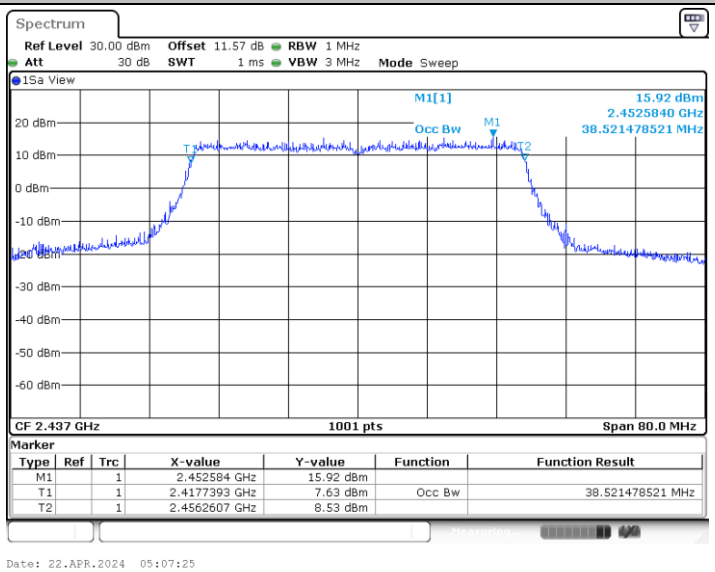
11BE40MIMO_Ant1_2422



11BE40MIMO_Ant2_2422



11BE40MIMO_Ant1_2437



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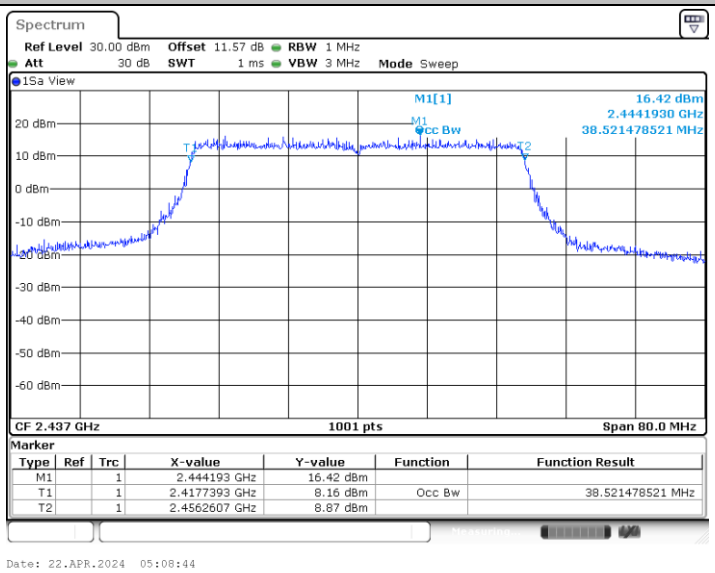
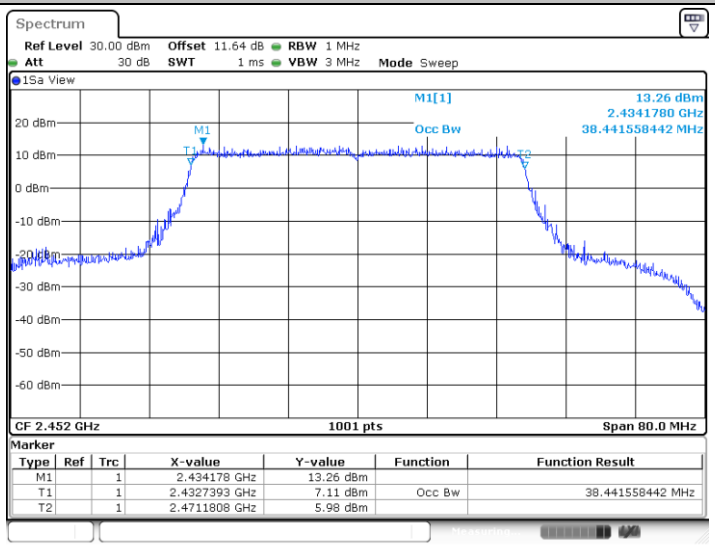
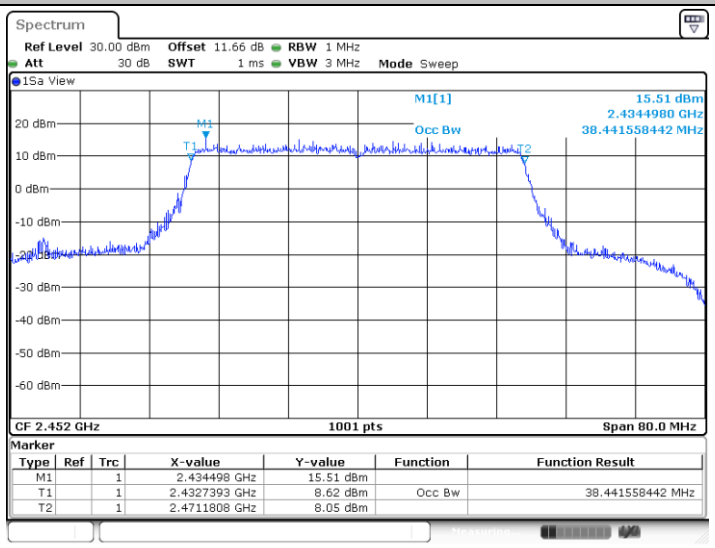


11BE40MIMO_Ant1_2452



11BE40MIMO_Ant2_2452



Maximum power spectral density

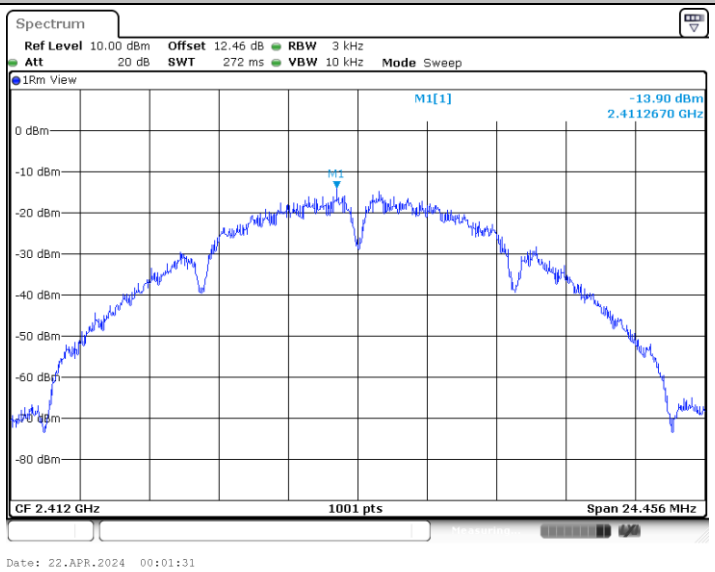
Test Result

TestMode	Antenna	Freq(MHz)	Result [dBm/3kHz]	Limit [dBm/3kHz]	Verdict
11B-CDD	Ant1	2412	-13.9	≤8.00	PASS
	Ant2	2412	-14.26	≤8.00	PASS
	total	2412	-11.07	≤8.00	PASS
	Ant1	2417	-11.05	≤8.00	PASS
	Ant2	2417	-12.04	≤8.00	PASS
	total	2417	-8.51	≤8.00	PASS
	Ant1	2422	-9.25	≤8.00	PASS
	Ant2	2422	-10.25	≤8.00	PASS
	total	2422	-6.71	≤8.00	PASS
	Ant1	2437	-8.61	≤8.00	PASS
	Ant2	2437	-6.9	≤8.00	PASS
	total	2437	-4.66	≤8.00	PASS
	Ant1	2452	-9.64	≤8.00	PASS
	Ant2	2452	-10.56	≤8.00	PASS
	total	2452	-7.07	≤8.00	PASS
	Ant1	2457	-12.2	≤8.00	PASS
	Ant2	2457	-13.53	≤8.00	PASS
	total	2457	-9.80	≤8.00	PASS
	Ant1	2462	-15.72	≤8.00	PASS
	Ant2	2462	-15.37	≤8.00	PASS
	total	2462	-12.53	≤8.00	PASS
11G-CDD	Ant1	2412	-13.06	≤8.00	PASS
	Ant2	2412	-12.67	≤8.00	PASS
	total	2412	-9.85	≤8.00	PASS
	Ant1	2437	-13.12	≤8.00	PASS
	Ant2	2437	-12.41	≤8.00	PASS
	total	2437	-9.74	≤8.00	PASS
	Ant1	2457	-12.54	≤8.00	PASS
	Ant2	2457	-13.93	≤8.00	PASS
	total	2457	-10.17	≤8.00	PASS
	Ant1	2462	-17.7	≤8.00	PASS
	Ant2	2462	-16.72	≤8.00	PASS
	total	2462	-14.17	≤8.00	PASS
11N20MIMO	Ant1	2412	-14.06	≤8.00	PASS
	Ant2	2412	-14.55	≤8.00	PASS
	total	2412	-11.29	≤8.00	PASS

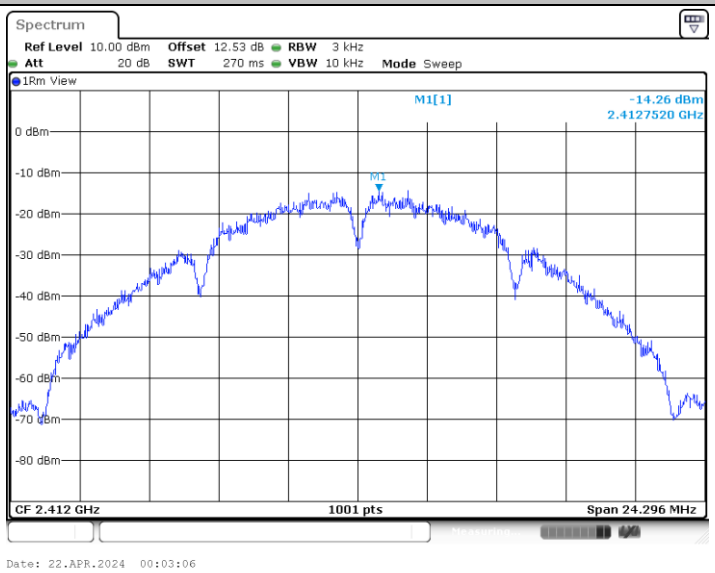
	Ant1	2437	-14.16	≤8.00	PASS
	Ant2	2437	-14.9	≤8.00	PASS
	total	2437	-11.50	≤8.00	PASS
	Ant1	2462	-16.29	≤8.00	PASS
	Ant2	2462	-17.1	≤8.00	PASS
	total	2462	-13.67	≤8.00	PASS
11N40MIMO	Ant1	2422	-19.28	≤8.00	PASS
	Ant2	2422	-20.33	≤8.00	PASS
	total	2422	-16.76	≤8.00	PASS
	Ant1	2437	-18.94	≤8.00	PASS
	Ant2	2437	-19.36	≤8.00	PASS
	total	2437	-16.13	≤8.00	PASS
	Ant1	2452	-20.41	≤8.00	PASS
	Ant2	2452	-21.24	≤8.00	PASS
	total	2452	-17.79	≤8.00	PASS
11BE20MIMO	Ant1	2412	-14.49	≤8.00	PASS
	Ant2	2412	-13.89	≤8.00	PASS
	total	2412	-11.17	≤8.00	PASS
	Ant1	2437	-14.92	≤8.00	PASS
	Ant2	2437	-13.69	≤8.00	PASS
	total	2437	-11.25	≤8.00	PASS
	Ant1	2462	-17.34	≤8.00	PASS
	Ant2	2462	-15.98	≤8.00	PASS
	total	2462	-13.60	≤8.00	PASS
11BE40MIMO	Ant1	2422	-19.18	≤8.00	PASS
	Ant2	2422	-18.49	≤8.00	PASS
	total	2422	-15.81	≤8.00	PASS
	Ant1	2437	-18.99	≤8.00	PASS
	Ant2	2437	-18.87	≤8.00	PASS
	total	2437	-15.92	≤8.00	PASS
	Ant1	2452	-21.2	≤8.00	PASS
	Ant2	2452	-20.42	≤8.00	PASS
	total	2452	-17.78	≤8.00	PASS

Test Graphs

11B-CDD_Ant1_2412



11B-CDD_Ant2_2412



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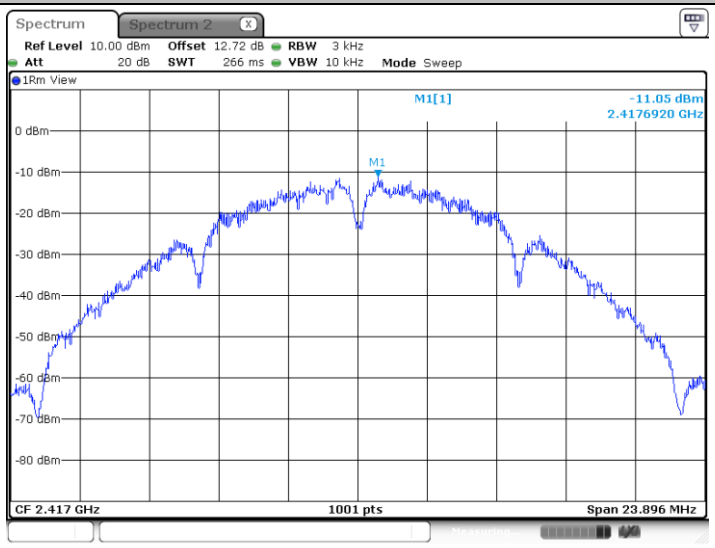

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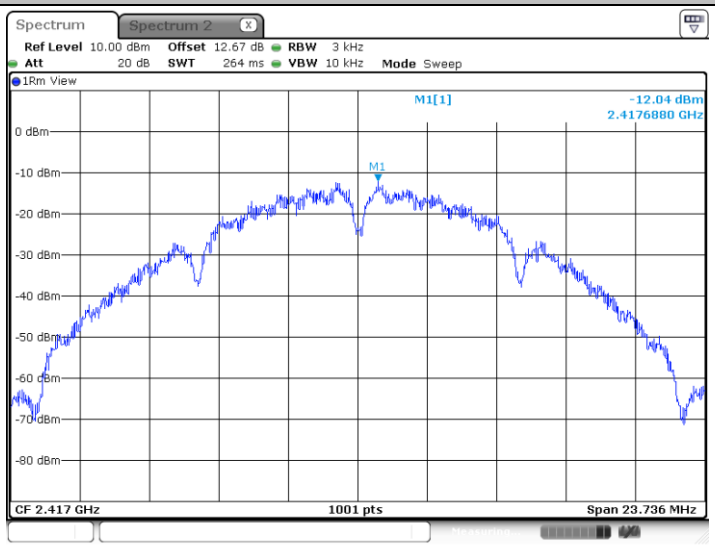
11B-CDD_Ant2_2417



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