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<TX Beamforming mode>

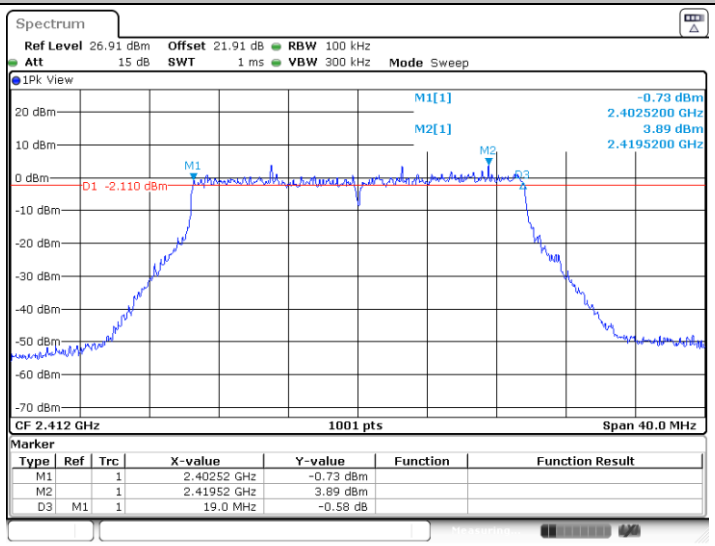
DTS Bandwidth

Test Result

TestMode	Antenna	Freq(MHz)	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11BE20MIMO	Ant1	2412	19.00	2402.52	2421.52	0.5	PASS
	Ant2	2412	17.96	2403.56	2421.52	0.5	PASS
	Ant3	2412	18.12	2403.28	2421.40	0.5	PASS
	Ant4	2412	19.00	2402.56	2421.56	0.5	PASS
	Ant1	2417	19.00	2407.52	2426.52	0.5	PASS
	Ant2	2417	17.80	2407.60	2425.40	0.5	PASS
	Ant3	2417	17.00	2409.24	2426.24	0.5	PASS
	Ant4	2417	18.88	2407.64	2426.52	0.5	PASS
	Ant1	2422	18.52	2413.00	2431.52	0.5	PASS
	Ant2	2422	18.04	2413.20	2431.24	0.5	PASS
	Ant3	2422	18.92	2412.56	2431.48	0.5	PASS
	Ant4	2422	18.40	2412.96	2431.36	0.5	PASS
	Ant1	2437	19.16	2427.44	2446.60	0.5	PASS
	Ant2	2437	19.04	2427.48	2446.52	0.5	PASS
	Ant3	2437	18.76	2427.56	2446.32	0.5	PASS
	Ant4	2437	19.04	2427.52	2446.56	0.5	PASS
	Ant1	2462	18.88	2452.52	2471.40	0.5	PASS
	Ant2	2462	19.04	2452.48	2471.52	0.5	PASS
	Ant3	2462	18.96	2452.52	2471.48	0.5	PASS
	Ant4	2462	19.16	2452.40	2471.56	0.5	PASS
11BE40MIMO	Ant1	2422	30.56	2409.04	2439.60	0.5	PASS
	Ant2	2422	38.32	2402.88	2441.20	0.5	PASS
	Ant3	2422	37.76	2403.28	2441.04	0.5	PASS
	Ant4	2422	31.04	2408.48	2439.52	0.5	PASS
	Ant1	2437	37.92	2418.20	2456.12	0.5	PASS
	Ant2	2437	38.16	2417.96	2456.12	0.5	PASS
	Ant3	2437	38.16	2417.88	2456.04	0.5	PASS
	Ant4	2437	38.08	2418.04	2456.12	0.5	PASS
	Ant1	2452	38.08	2432.88	2470.96	0.5	PASS
	Ant2	2452	38.16	2432.88	2471.04	0.5	PASS
	Ant3	2452	37.04	2434.08	2471.12	0.5	PASS
	Ant4	2452	38.08	2432.96	2471.04	0.5	PASS

Test Graphs

11BE20MIMO_Ant1_2412



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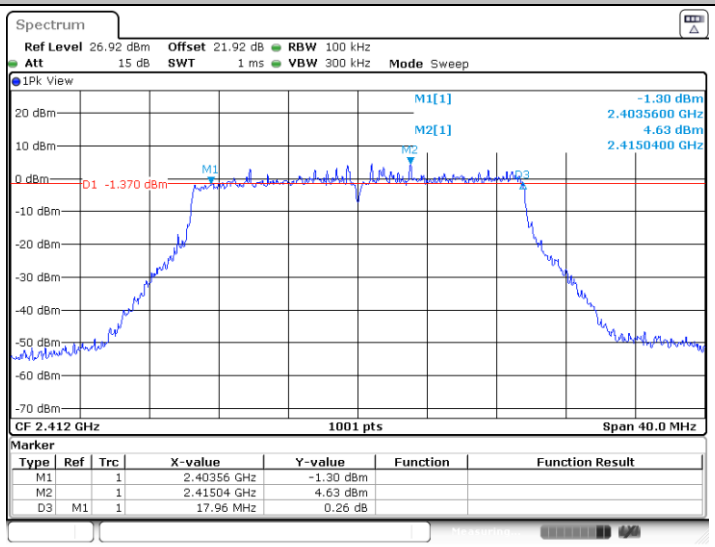
11BE20MIMO_Ant2_2412



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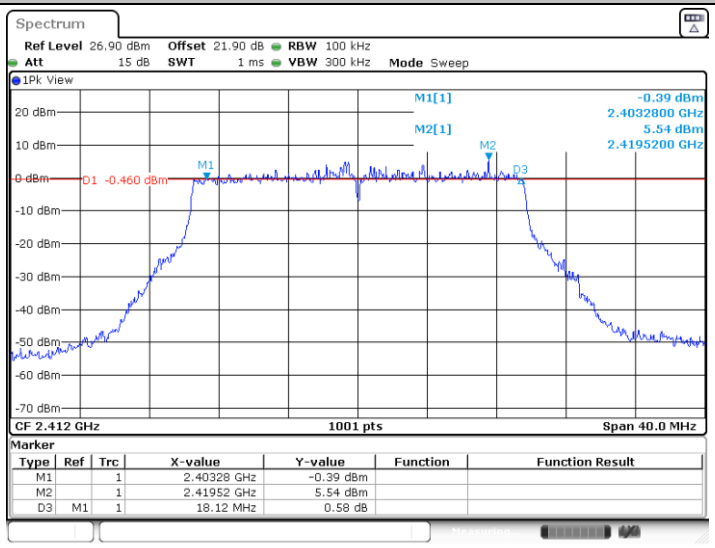

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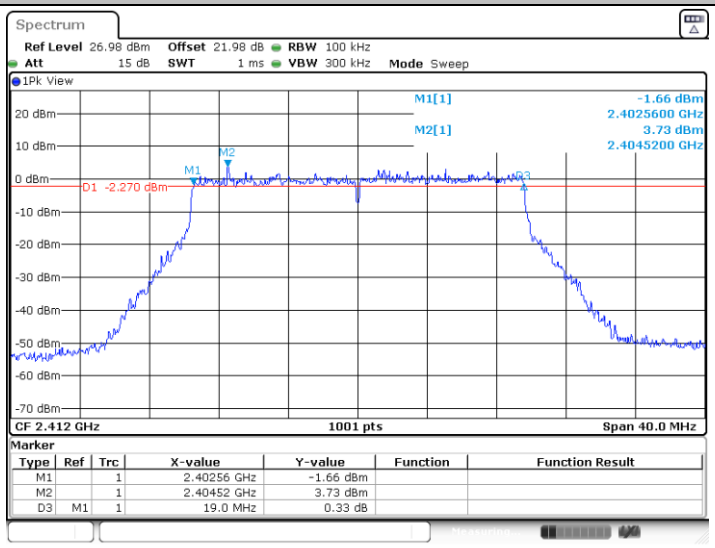
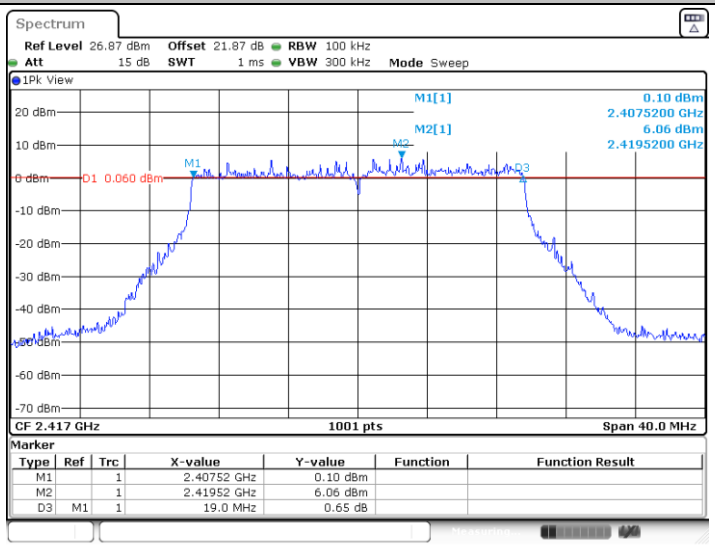
11BE20MIMO_Ant4_2412



Date: 13.SEP.2024 19:42:45

11BE20MIMO_Ant1_2417



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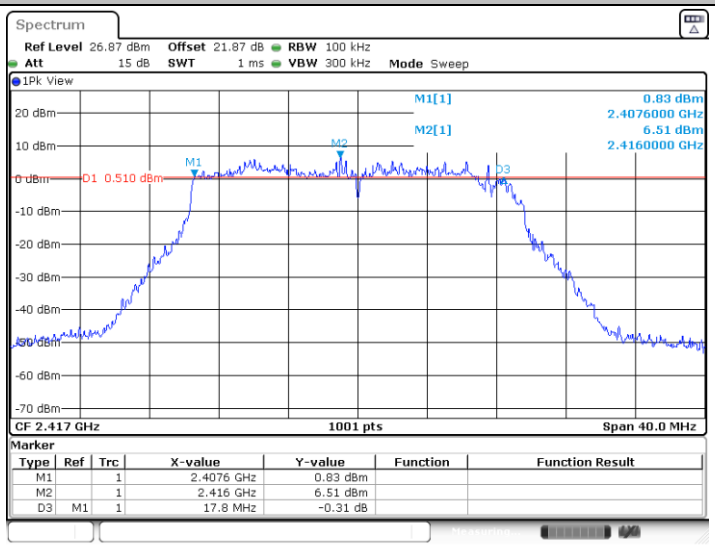

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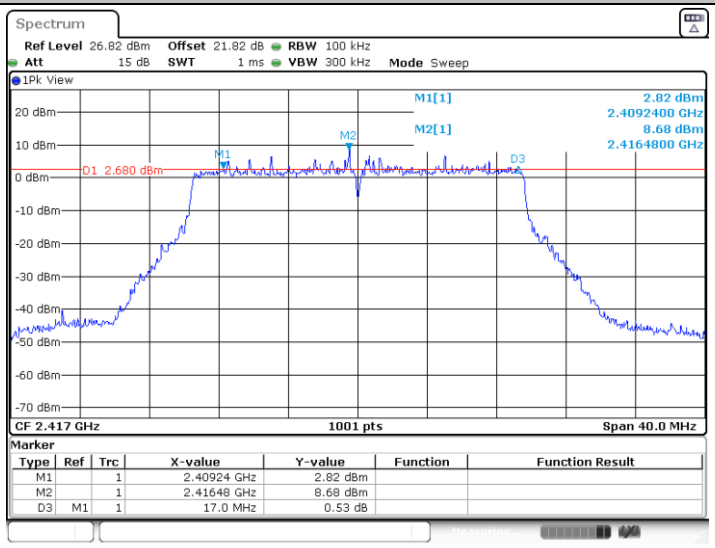
11BE20MIMO_Ant3_2417



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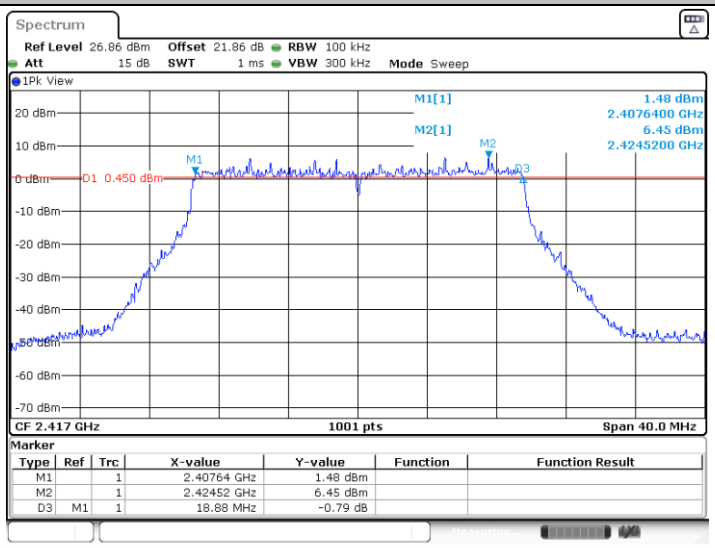
11BE20MIMO_Ant4_2417



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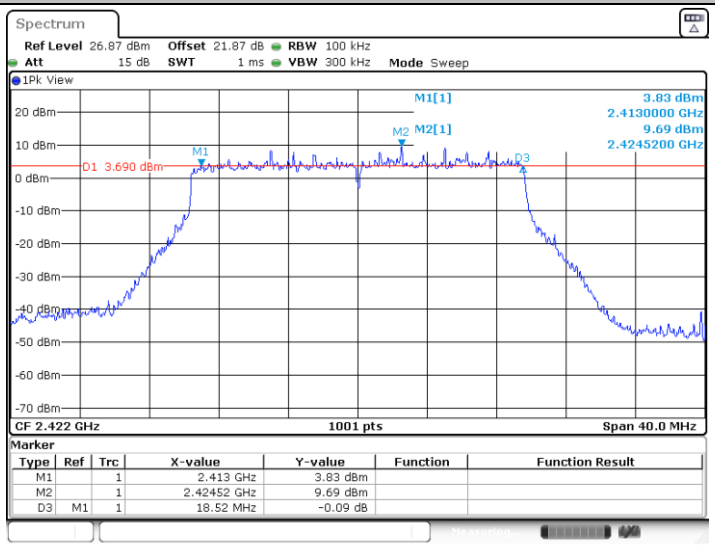

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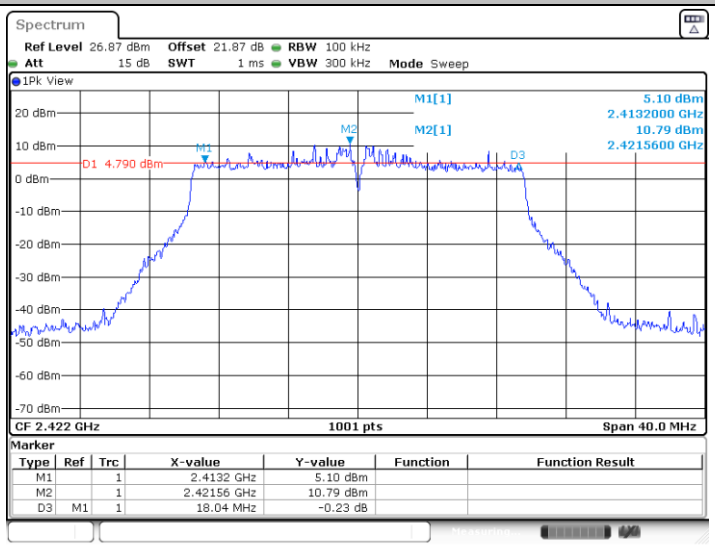

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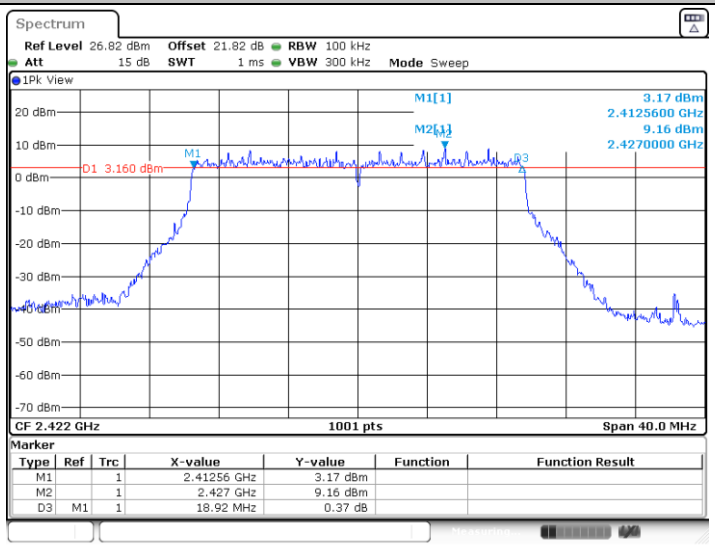

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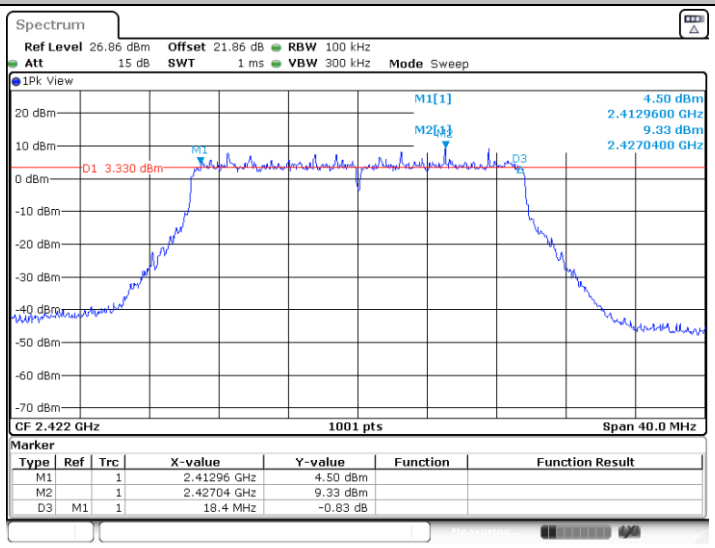
11BE20MIMO_Ant4_2422



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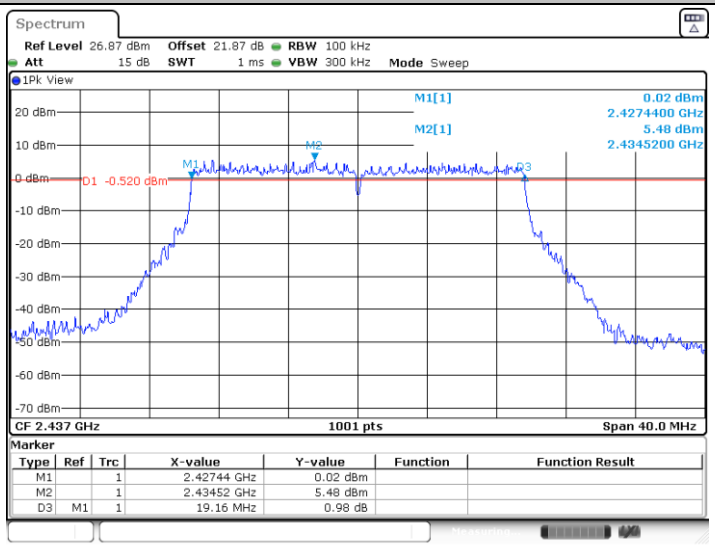

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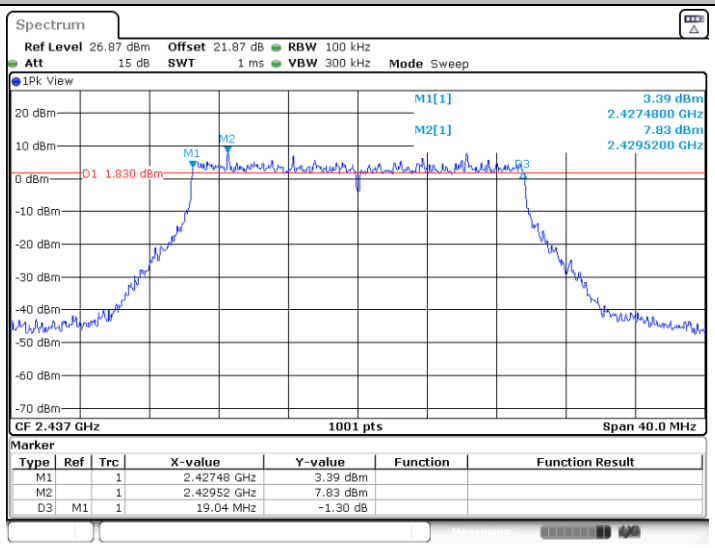

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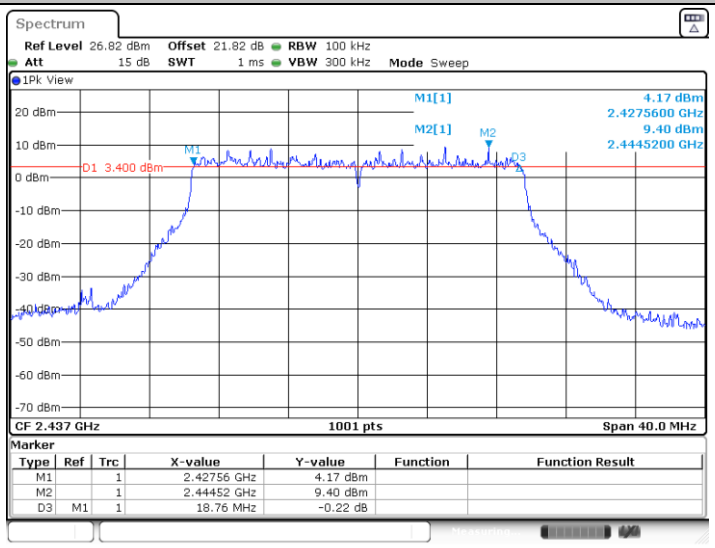
11BE20MIMO_Ant3_2437



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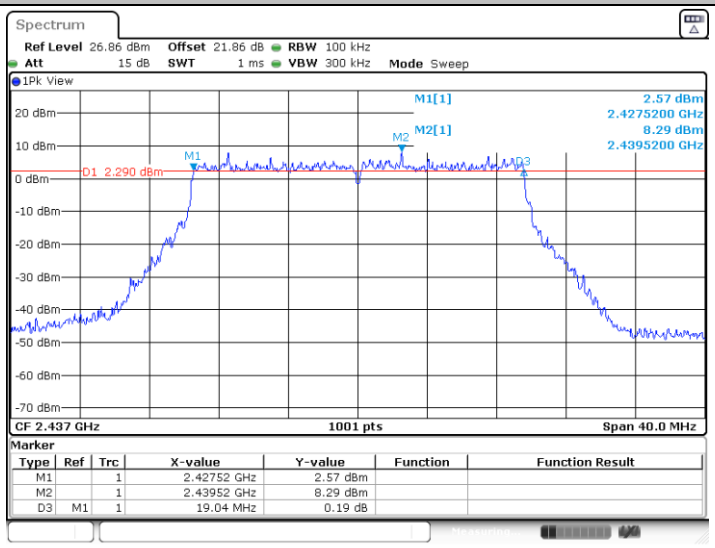
11BE20MIMO_Ant4_2437



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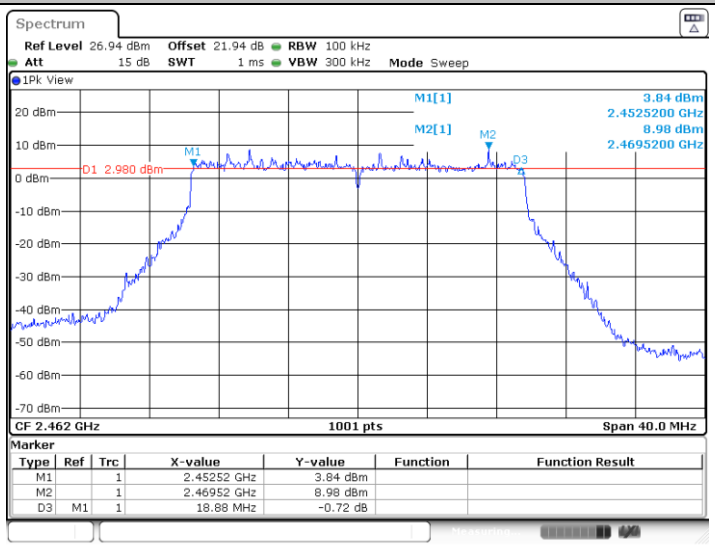
11BE20MIMO_Ant1_2462



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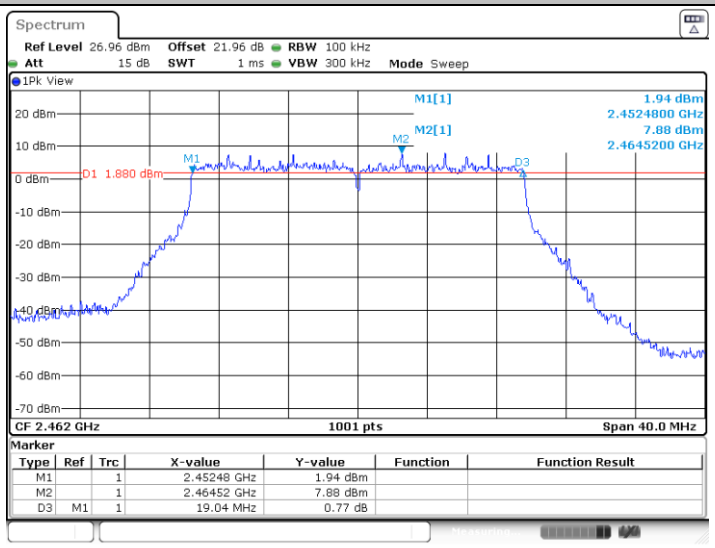

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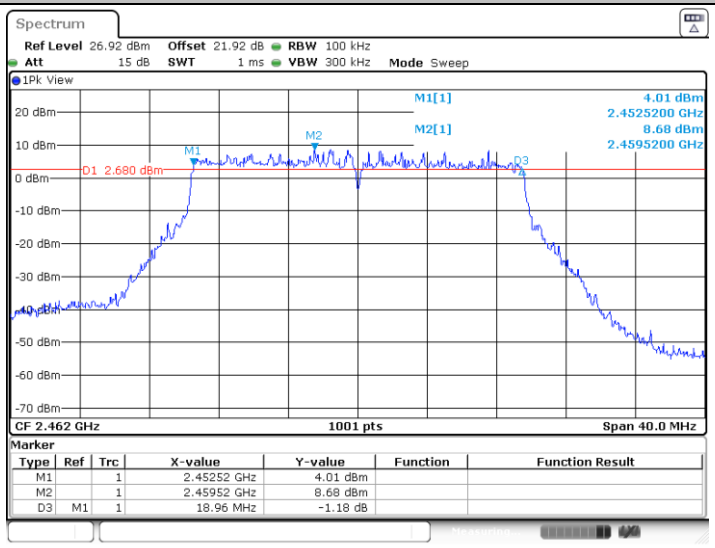
11BE20MIMO_Ant3_2462



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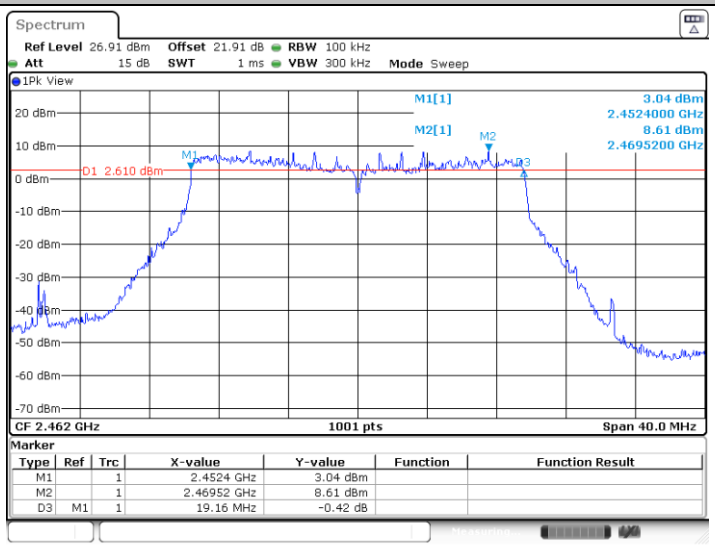
11BE20MIMO_Ant4_2462



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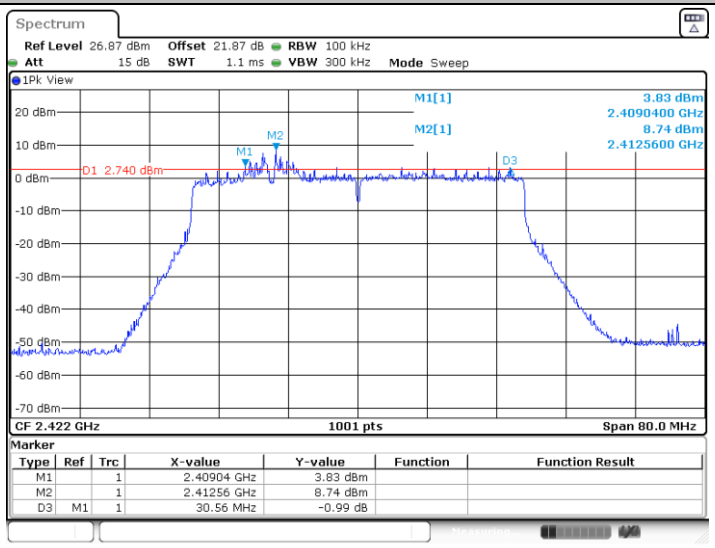
11BE40MIMO_Ant1_2422



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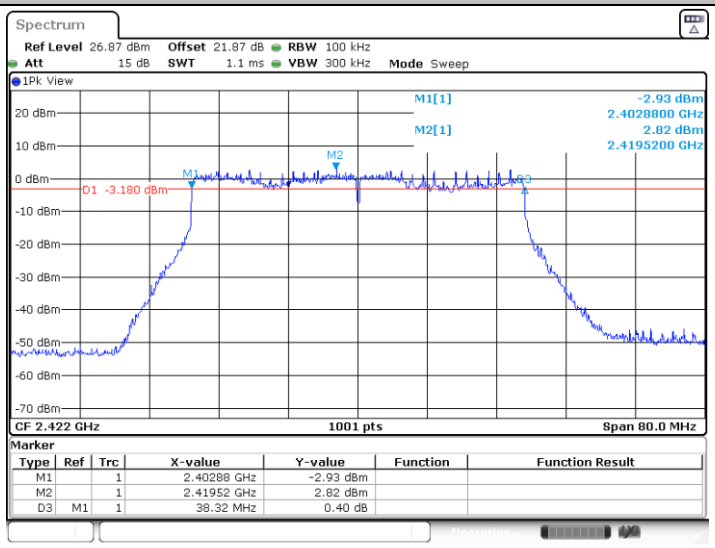
11BE40MIMO_Ant2_2422



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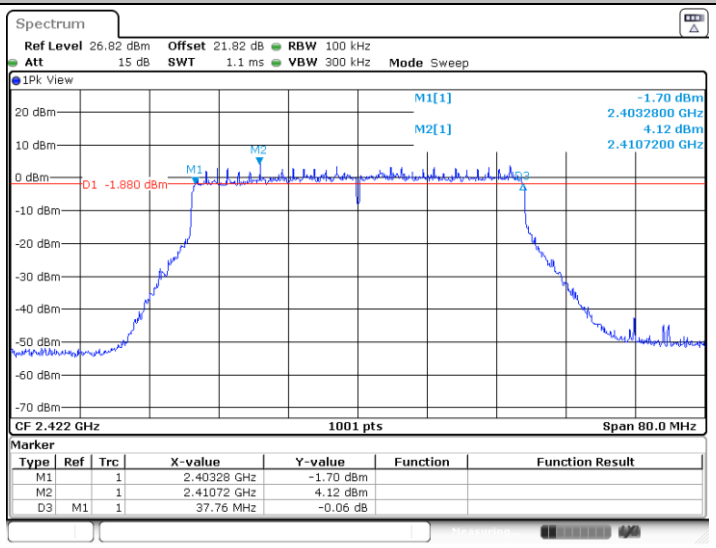
11BE40MIMO_Ant3_2422



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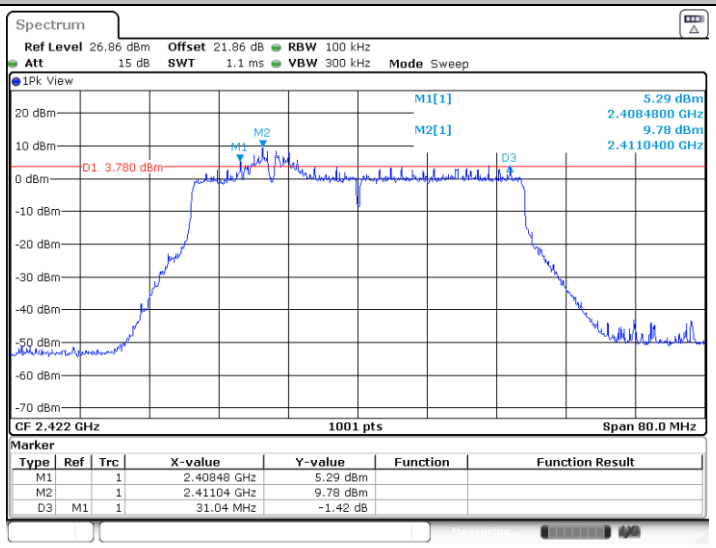
11BE40MIMO_Ant4_2422



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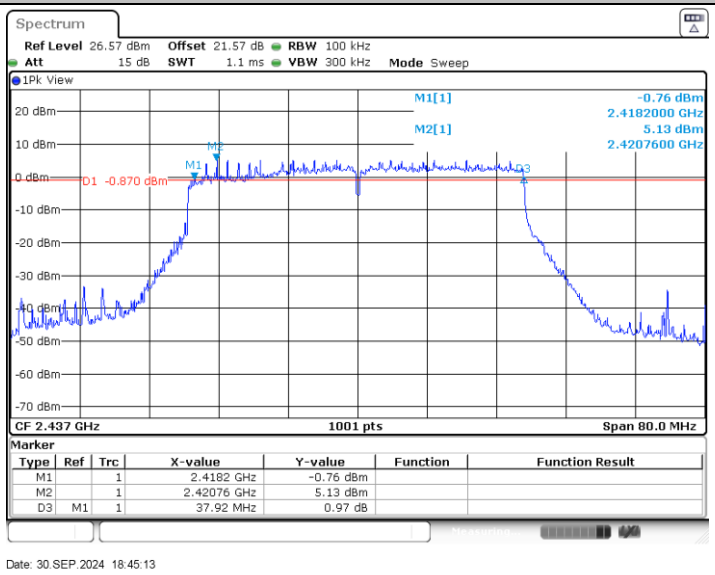
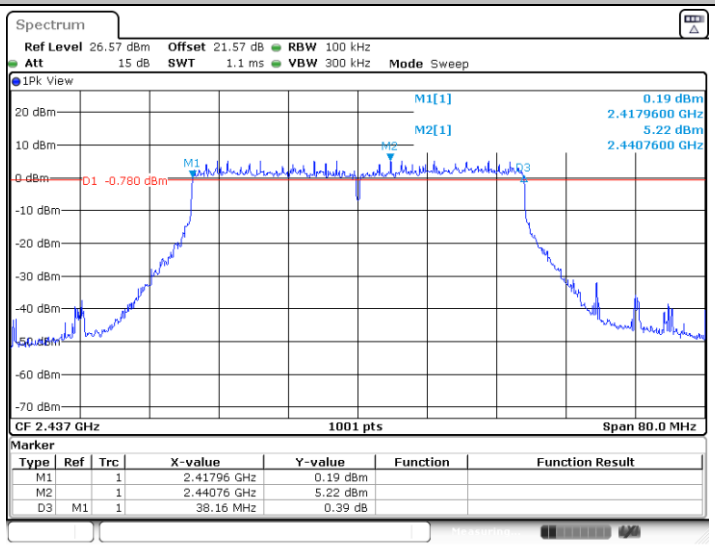
11BE40MIMO_Ant1_2437



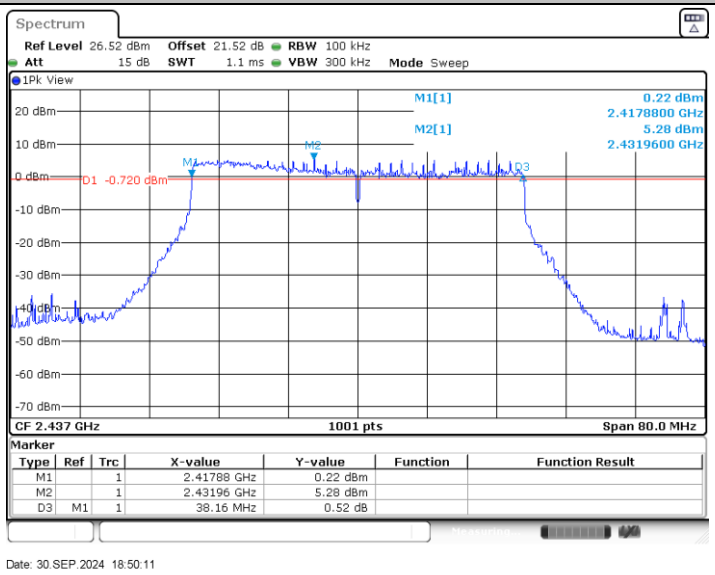
Date: 30.SEP.2024 18:45:13

11BE40MIMO_Ant2_2437



Date: 30.SEP.2024 18:48:25

11BE40MIMO_Ant3_2437



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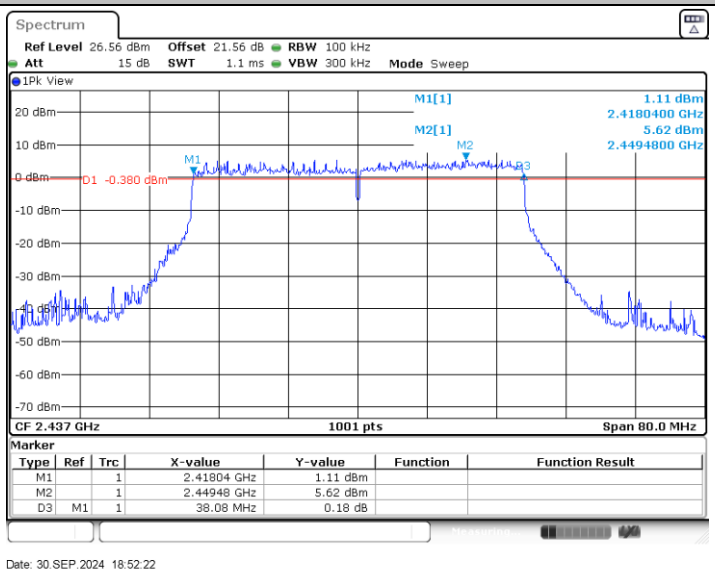

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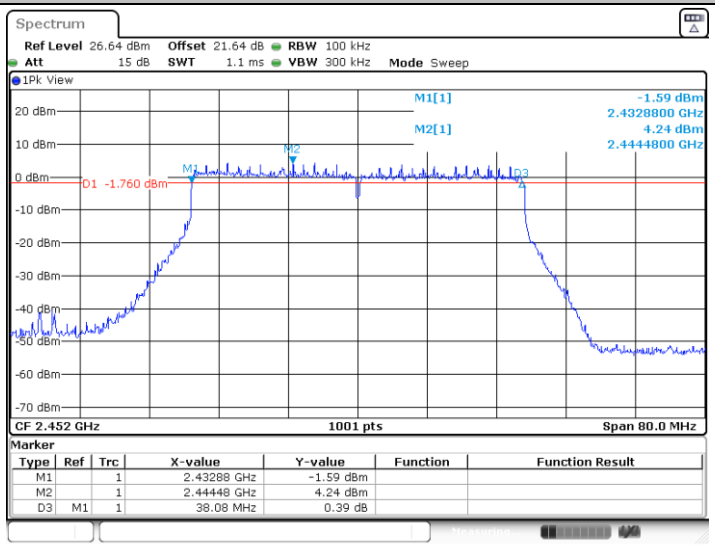
11BE40MIMO_Ant1_2452



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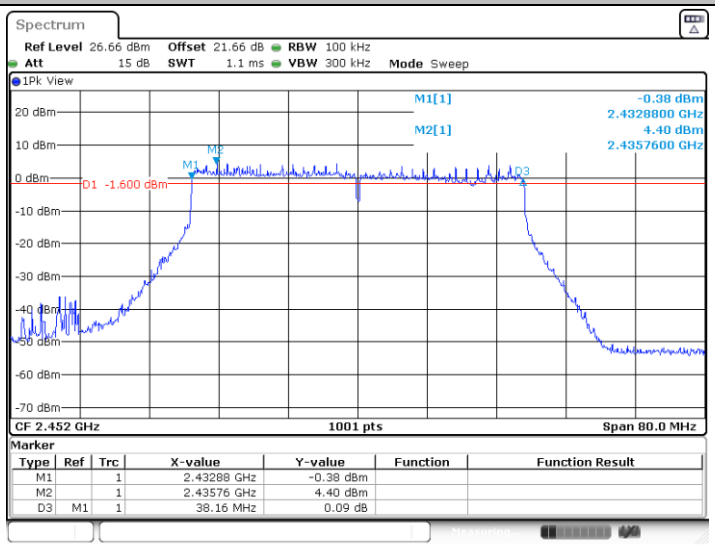
11BE40MIMO_Ant2_2452



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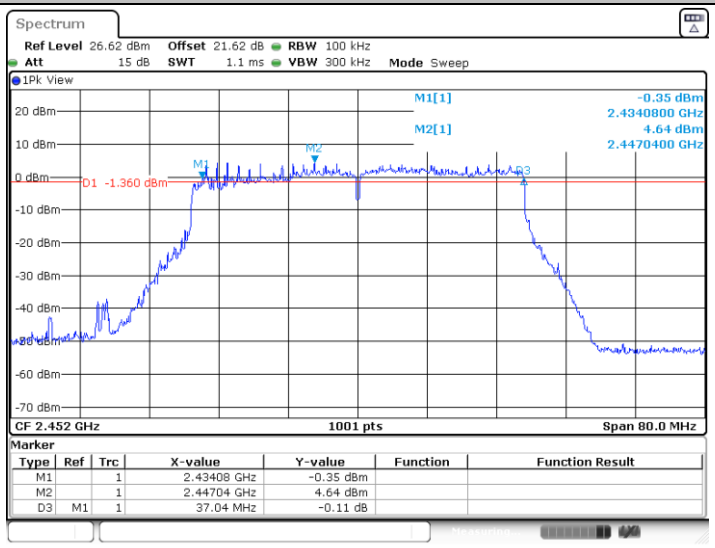

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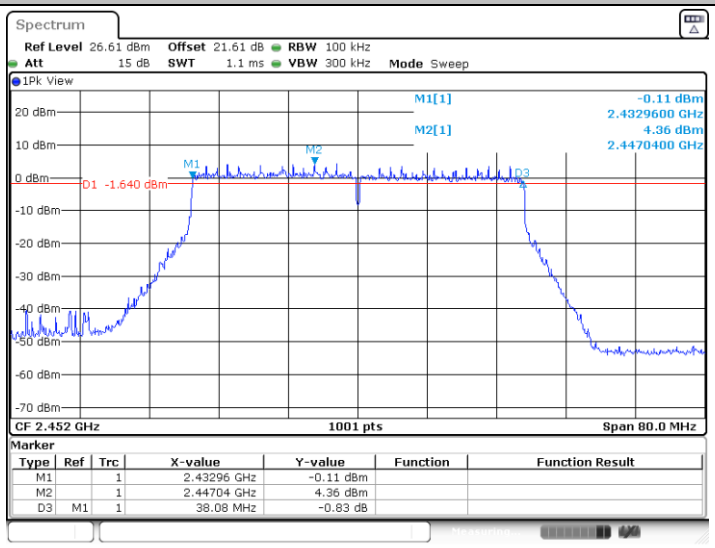


Date: 30.SEP.2024 18:59:51

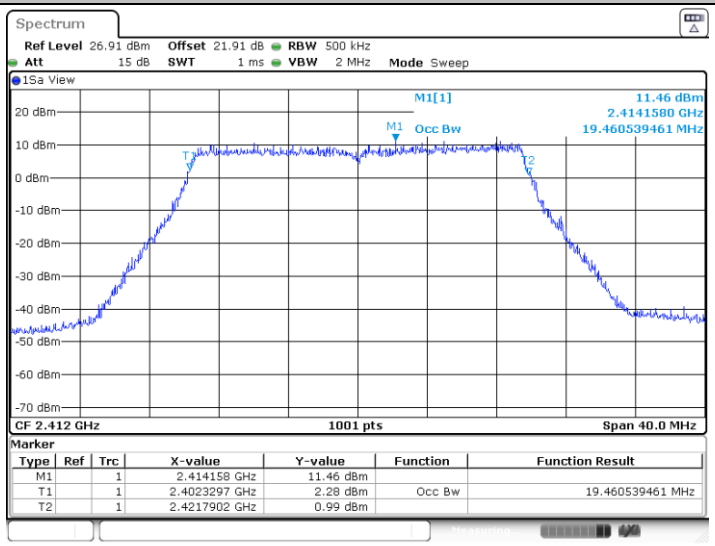
Occupied Channel Bandwidth

Test Result

TestMode	Antenna	Freq(MHz)	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11BE20MIMO	Ant1	2412	19.461	2402.3297	2421.7902	---	---
	Ant2	2412	19.341	2402.4096	2421.7502	---	---
	Ant3	2412	19.301	2402.4096	2421.7103	---	---
	Ant4	2412	19.341	2402.4096	2421.7502	---	---
	Ant1	2417	19.381	2407.3696	2426.7502	---	---
	Ant2	2417	18.901	2407.4096	2426.3107	---	---
	Ant3	2417	19.341	2407.3696	2426.7103	---	---
	Ant4	2417	19.301	2407.4096	2426.7103	---	---
	Ant1	2422	19.301	2412.4096	2431.7103	---	---
	Ant2	2422	19.261	2412.4096	2431.6703	---	---
	Ant3	2422	19.341	2412.3297	2431.6703	---	---
	Ant4	2422	19.301	2412.3696	2431.6703	---	---
	Ant1	2437	19.341	2427.3297	2446.6703	---	---
	Ant2	2437	19.381	2427.2098	2446.5904	---	---
	Ant3	2437	19.341	2427.2897	2446.6304	---	---
	Ant4	2437	19.341	2427.3696	2446.7103	---	---
	Ant1	2462	19.341	2452.3297	2471.6703	---	---
	Ant2	2462	19.341	2452.2897	2471.6304	---	---
	Ant3	2462	19.341	2452.2897	2471.6304	---	---
	Ant4	2462	19.421	2452.2498	2471.6703	---	---
11BE40MIMO	Ant1	2422	38.442	2402.8991	2441.3407	---	---
	Ant2	2422	38.681	2402.6593	2441.3407	---	---
	Ant3	2422	38.202	2402.9790	2441.1808	---	---
	Ant4	2422	38.442	2402.8991	2441.3407	---	---
	Ant1	2437	38.202	2418.0589	2456.2607	---	---
	Ant2	2437	38.521	2417.8192	2456.3407	---	---
	Ant3	2437	38.521	2417.6593	2456.1808	---	---
	Ant4	2437	38.442	2417.7393	2456.1808	---	---
	Ant1	2452	38.442	2432.6593	2471.1009	---	---
	Ant2	2452	38.601	2432.5794	2471.1808	---	---
	Ant3	2452	38.122	2433.1389	2471.2607	---	---
	Ant4	2452	38.442	2432.6593	2471.1009	---	---

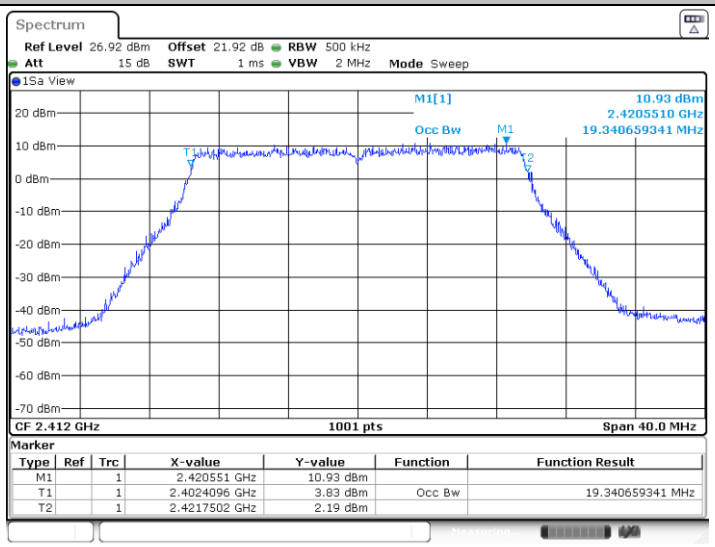
Test Graphs

11BE20MIMO_Ant1_2412



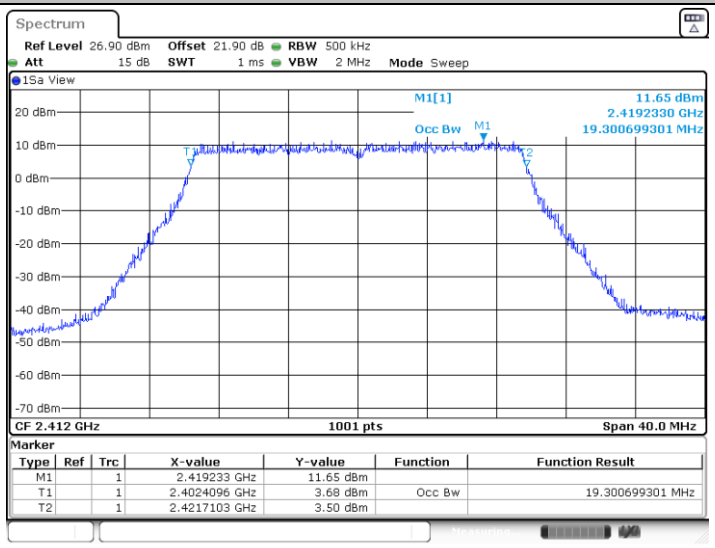
Date: 13.SEP.2024 19:35:15

11BE20MIMO_Ant2_2412



Date: 13.SEP.2024 19:37:41

11BE20MIMO_Ant3_2412



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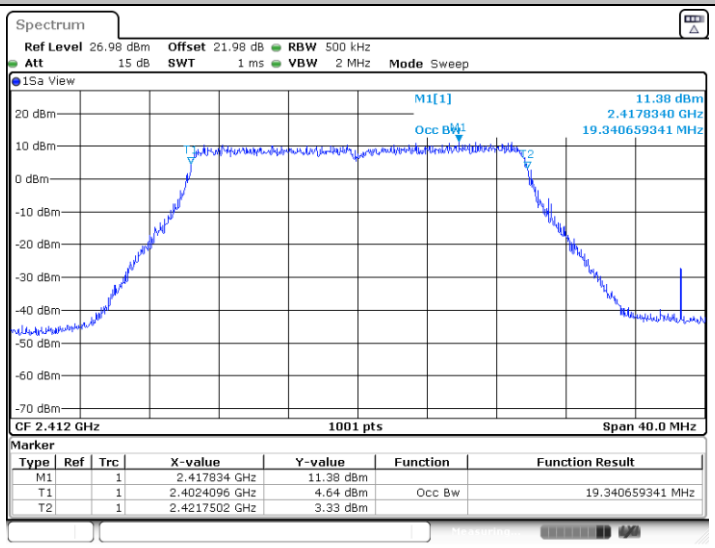
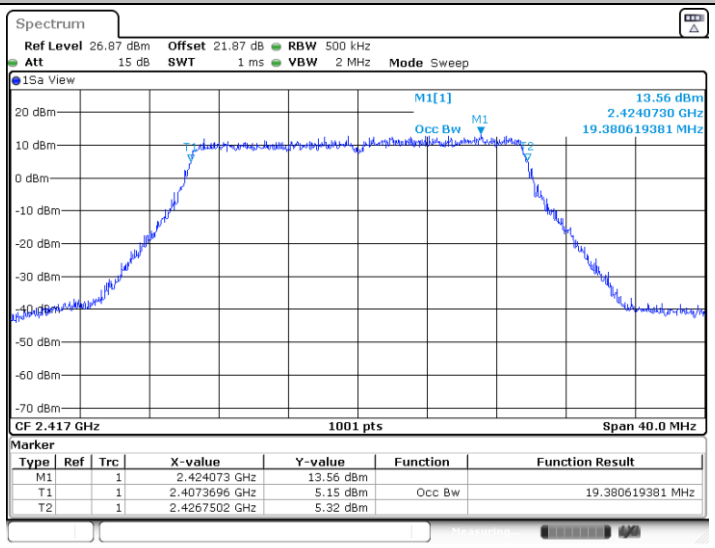
11BE20MIMO_Ant4_2412



Date: 13.SEP.2024 19:42:50

11BE20MIMO_Ant1_2417



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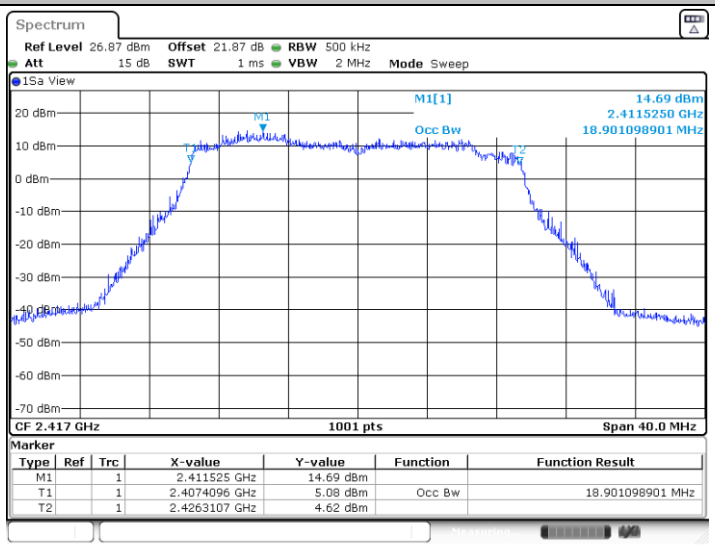
11BE20MIMO_Ant2_2417



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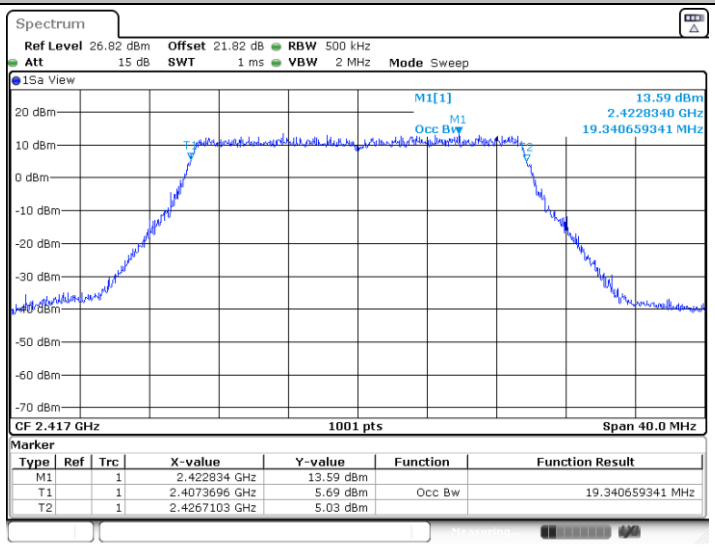
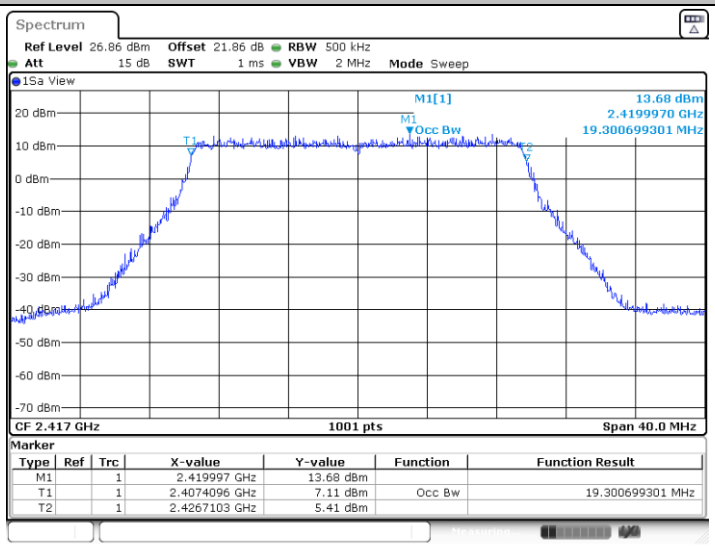
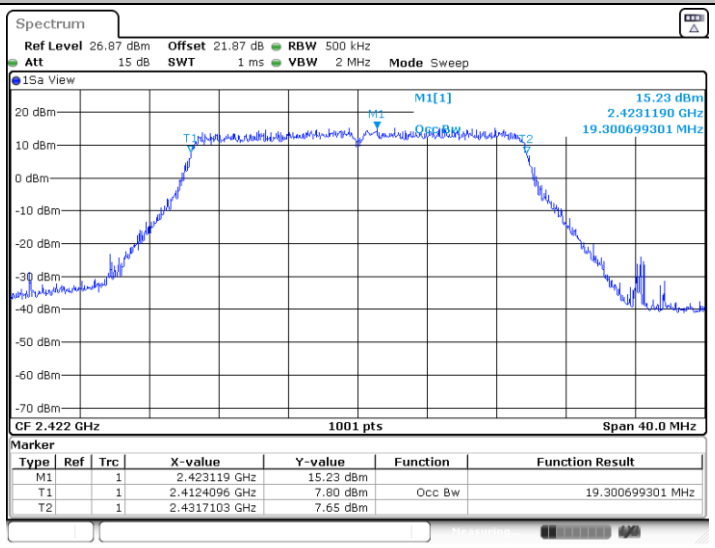
11BE20MIMO_Ant3_2417



11BE20MIMO_Ant4_2417



11BE20MIMO_Ant1_2422



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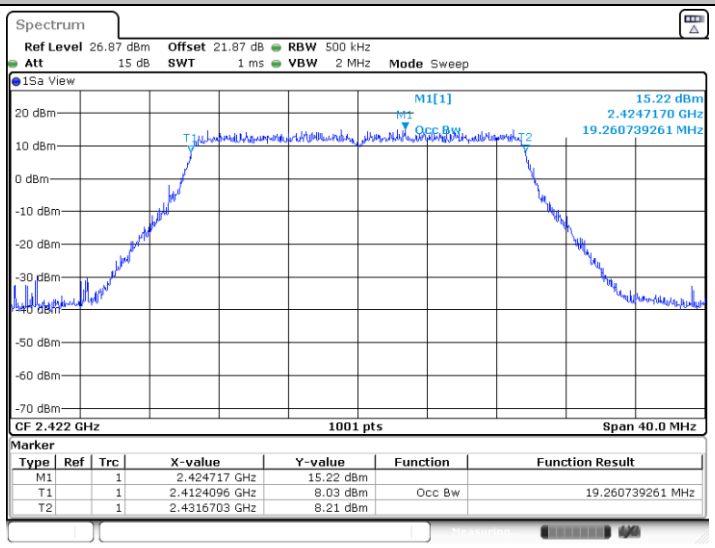

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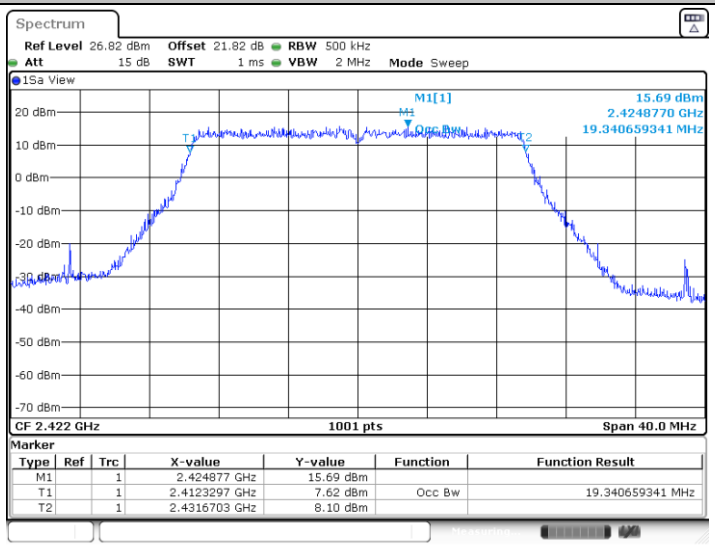
11BE20MIMO_Ant3_2422



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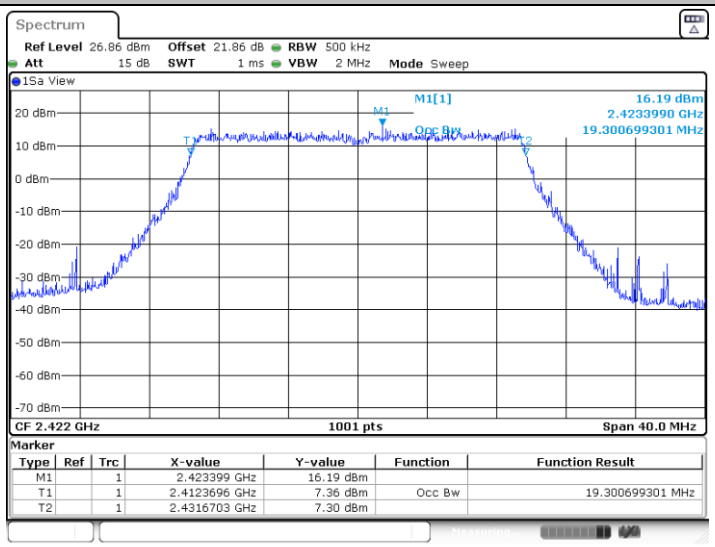
11BE20MIMO_Ant4_2422



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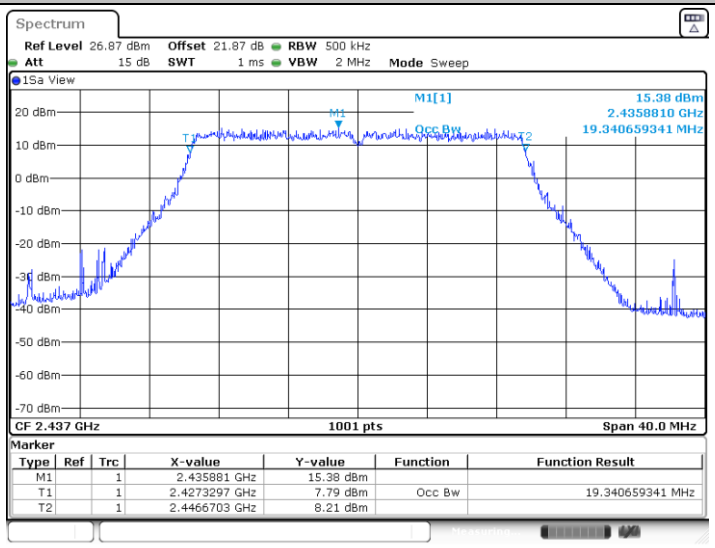
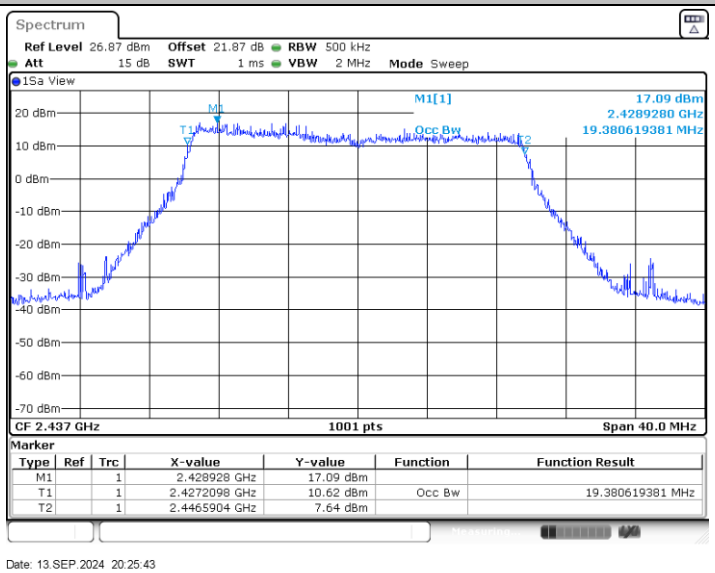
11BE20MIMO_Ant1_2437



11BE20MIMO_Ant2_2437



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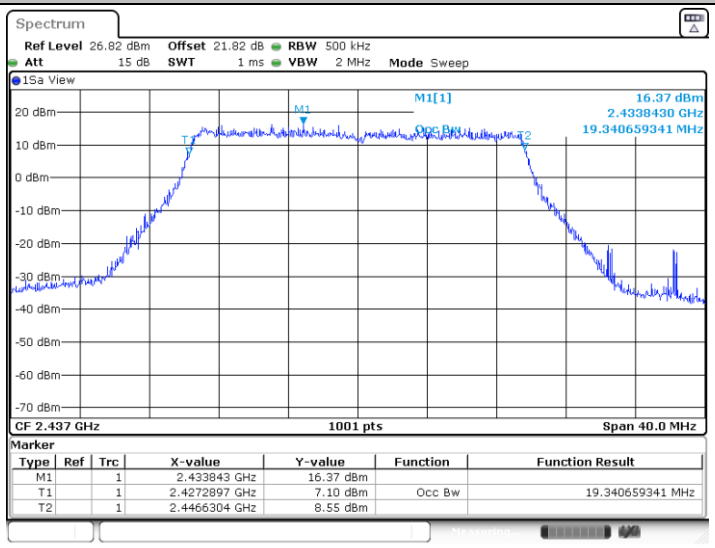

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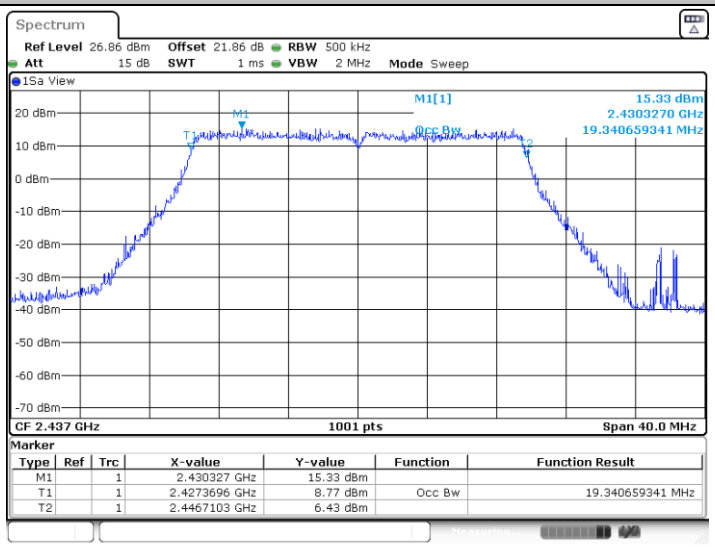
11BE20MIMO_Ant4_2437



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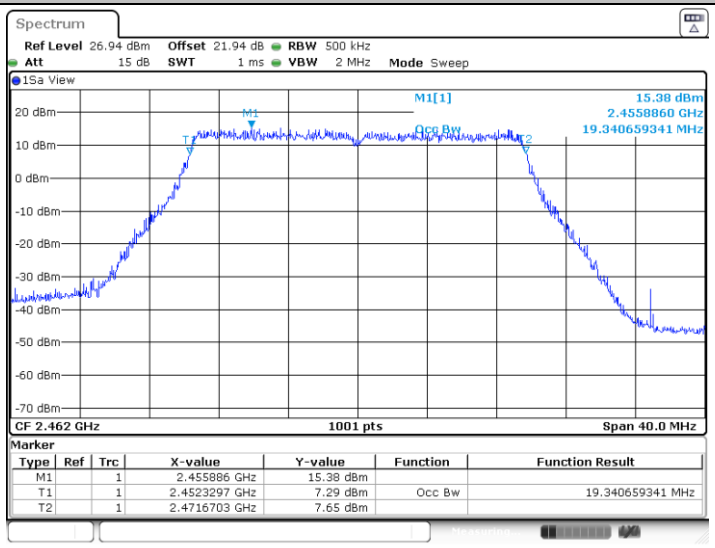
11BE20MIMO_Ant1_2462



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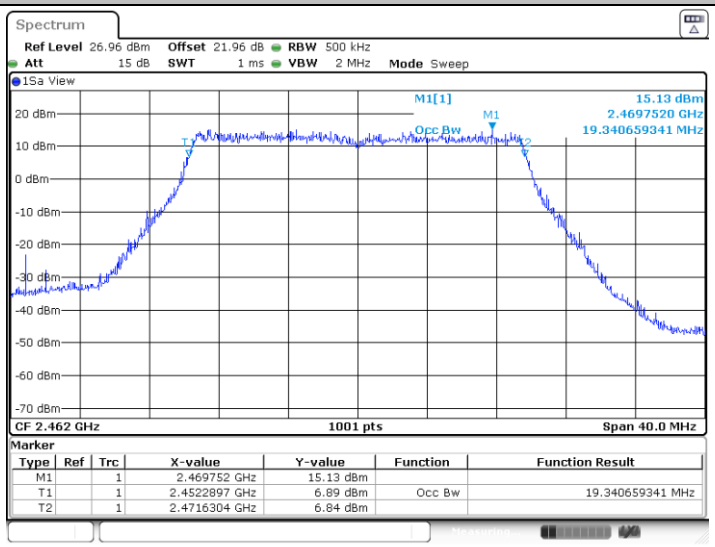
11BE20MIMO_Ant2_2462



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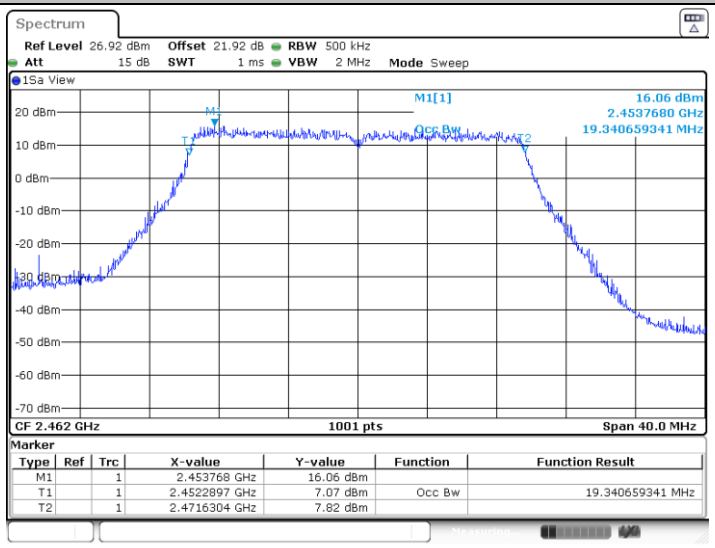
11BE20MIMO_Ant3_2462



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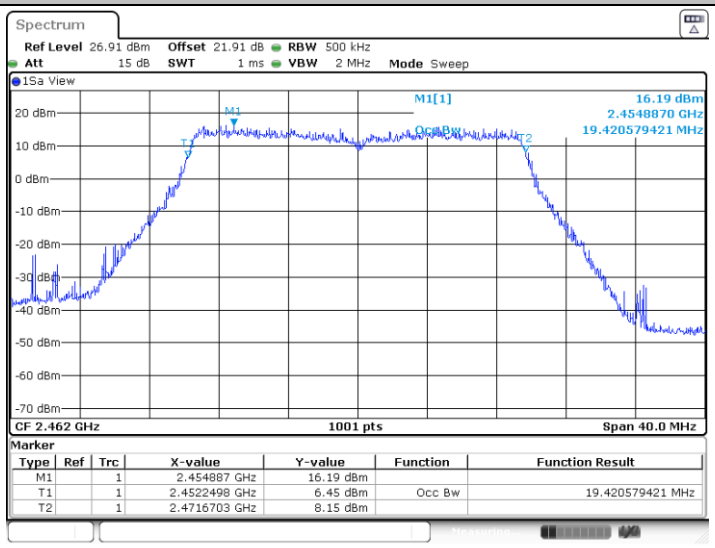
11BE20MIMO_Ant4_2462



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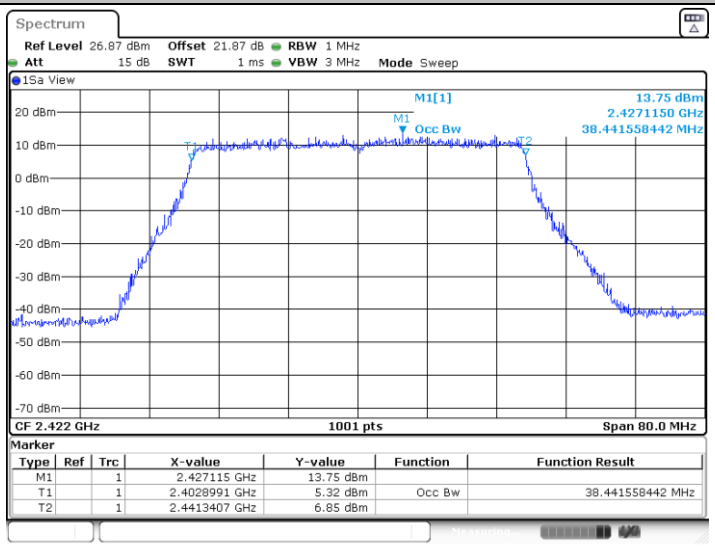
11BE40MIMO_Ant1_2422



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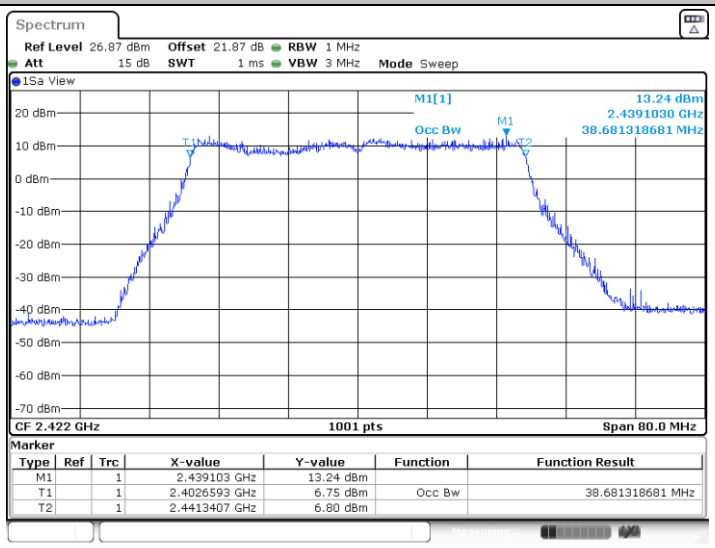
11BE40MIMO_Ant2_2422



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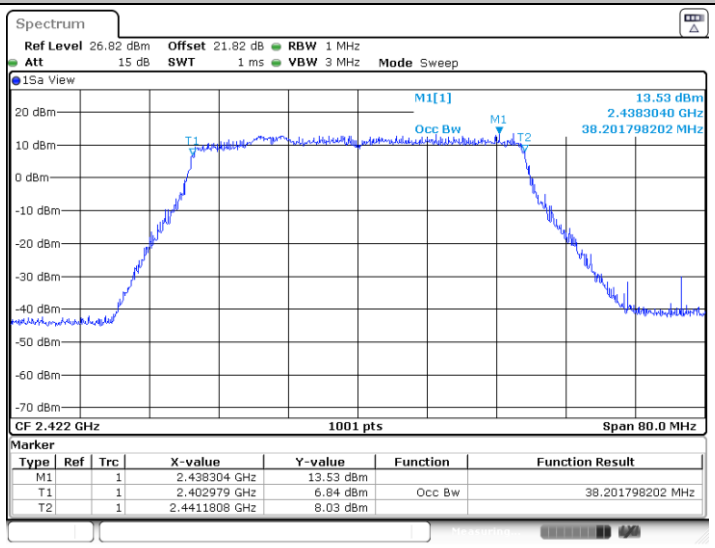
11BE40MIMO_Ant3_2422



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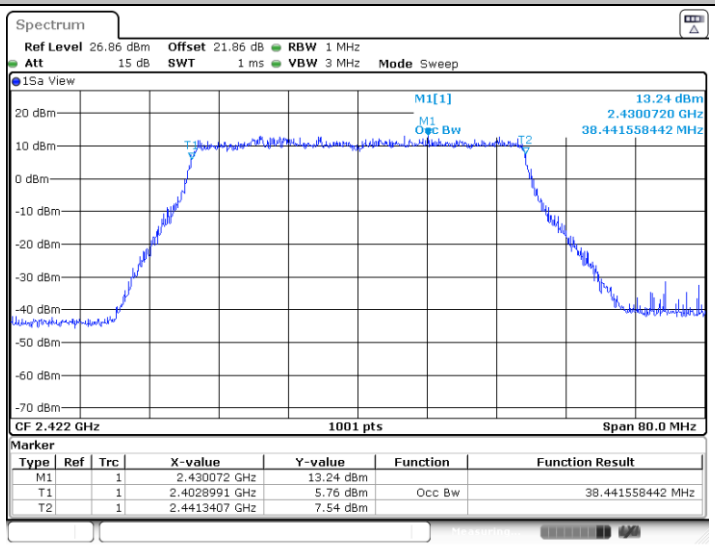
11BE40MIMO_Ant4_2422



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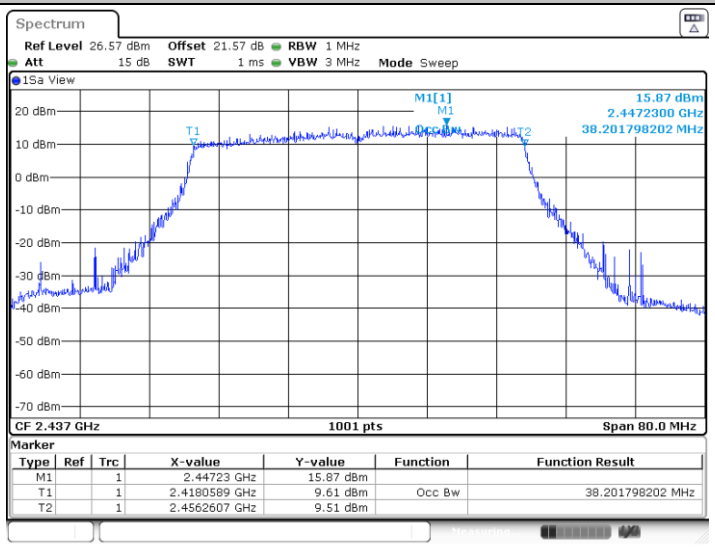
11BE40MIMO_Ant1_2437



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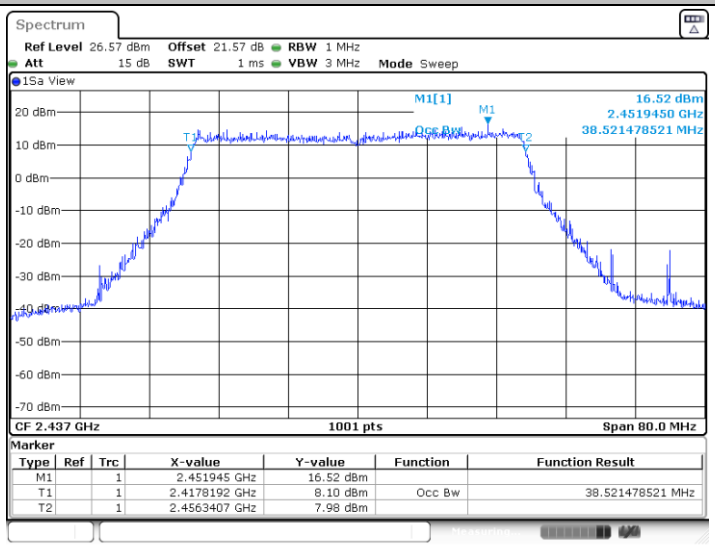
11BE40MIMO_Ant2_2437



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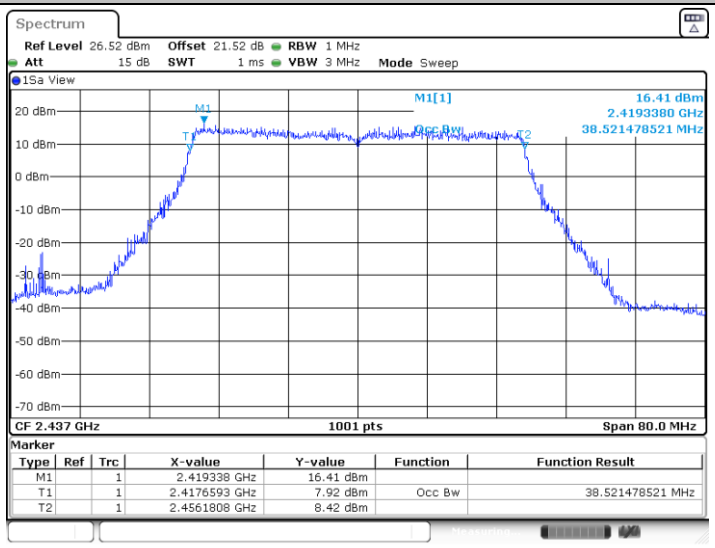
11BE40MIMO_Ant3_2437



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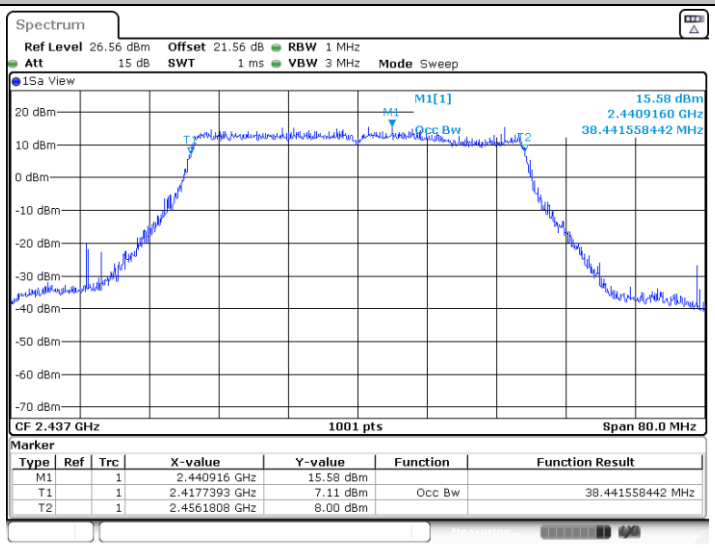

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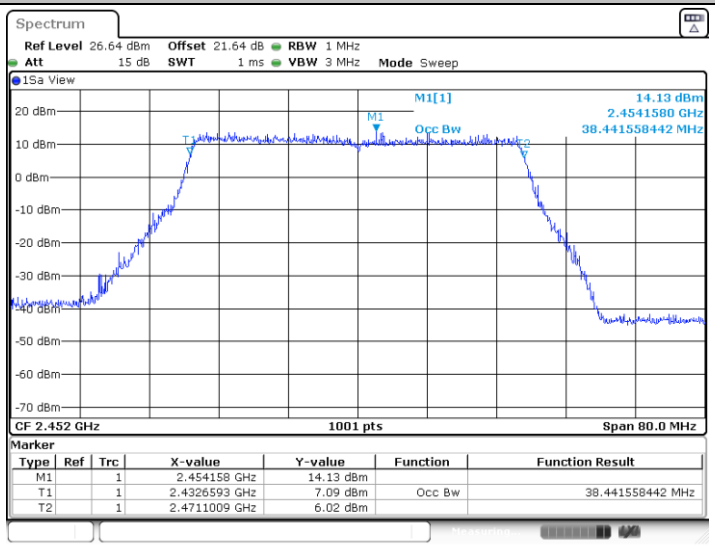
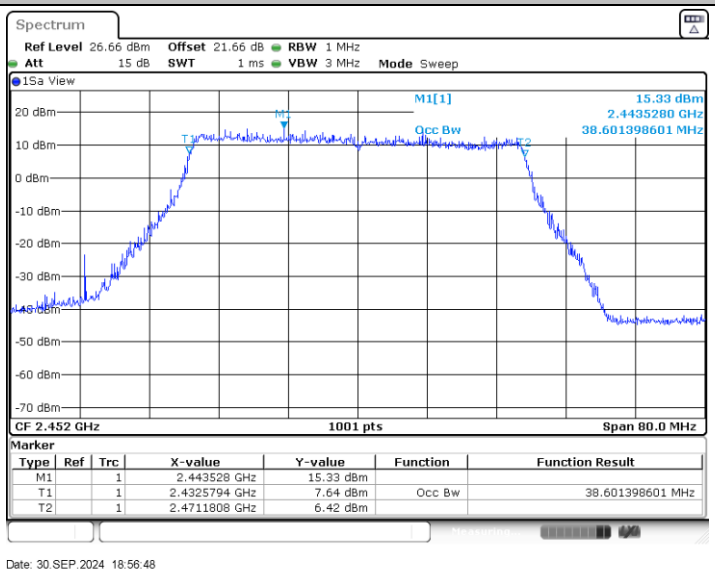
11BE40MIMO_Ant1_2452



11BE40MIMO_Ant2_2452



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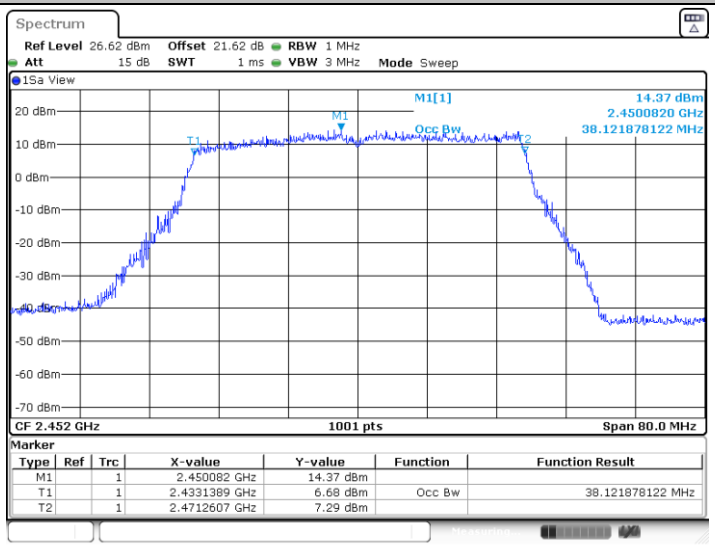

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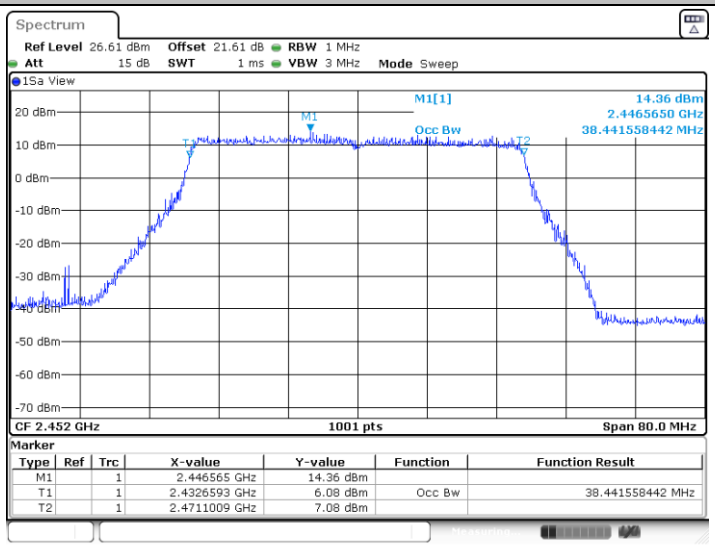
11BE40MIMO_Ant4_2452



Date: 30.SEP.2024 18:59:57

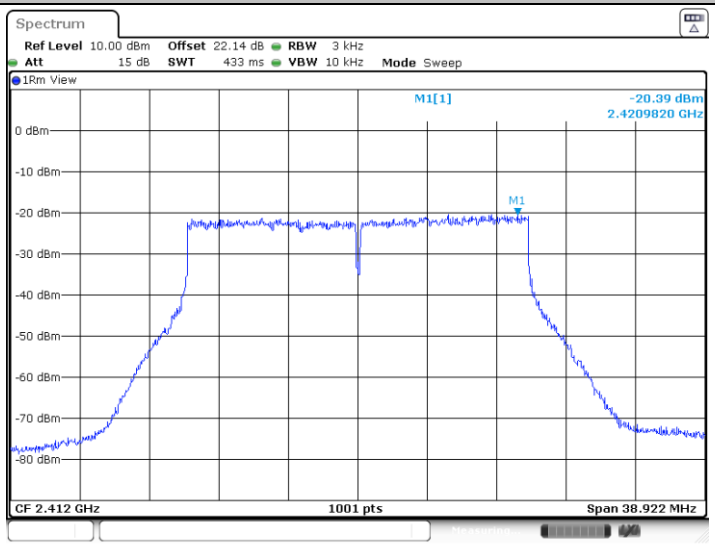
Maximum power spectral density

Test Result

TestMode	Antenna	Freq(MHz)	Result [dBm/3kHz]	Limit [dBm/3kHz]	Verdict
11BE20MIMO	Ant1	2412	-20.39	≤8.00	PASS
	Ant2	2412	-20.43	≤8.00	PASS
	Ant3	2412	-19.92	≤8.00	PASS
	Ant4	2412	-19.56	≤8.00	PASS
	total	2412	-14.04	≤8.00	PASS
	Ant1	2417	-18.29	≤8.00	PASS
	Ant2	2417	-16.78	≤8.00	PASS
	Ant3	2417	-17.97	≤8.00	PASS
	Ant4	2417	-18.46	≤8.00	PASS
	total	2417	-11.80	≤8.00	PASS
	Ant1	2422	-12.98	≤8.00	PASS
	Ant2	2422	-13.36	≤8.00	PASS
	Ant3	2422	-13.58	≤8.00	PASS
	Ant4	2422	-13.48	≤8.00	PASS
	total	2422	-7.32	≤8.00	PASS
	Ant1	2437	-13.72	≤8.00	PASS
	Ant2	2437	-13.06	≤8.00	PASS
	Ant3	2437	-13.37	≤8.00	PASS
	Ant4	2437	-13.5	≤8.00	PASS
	total	2437	-7.39	≤8.00	PASS
	Ant1	2462	-15.26	≤8.00	PASS
	Ant2	2462	-15.67	≤8.00	PASS
	Ant3	2462	-15.38	≤8.00	PASS
	Ant4	2462	-14.6	≤8.00	PASS
	total	2462	-9.19	≤8.00	PASS
11BE40MIMO	Ant1	2422	-21.48	≤8.00	PASS
	Ant2	2422	-21.39	≤8.00	PASS
	Ant3	2422	-21.05	≤8.00	PASS
	Ant4	2422	-21.53	≤8.00	PASS
	total	2422	-15.34	≤8.00	PASS
	Ant1	2437	-19.26	≤8.00	PASS
	Ant2	2437	-18.87	≤8.00	PASS
	Ant3	2437	-19.24	≤8.00	PASS
	Ant4	2437	-19.5	≤8.00	PASS
	total	2437	-13.19	≤8.00	PASS
	Ant1	2452	-20.77	≤8.00	PASS
	Ant2	2452	-19.65	≤8.00	PASS
	Ant3	2452	-20.39	≤8.00	PASS
	Ant4	2452	-20.64	≤8.00	PASS
	total	2452	-14.32	≤8.00	PASS

Test Graphs

11BE20MIMO_Ant1_2412



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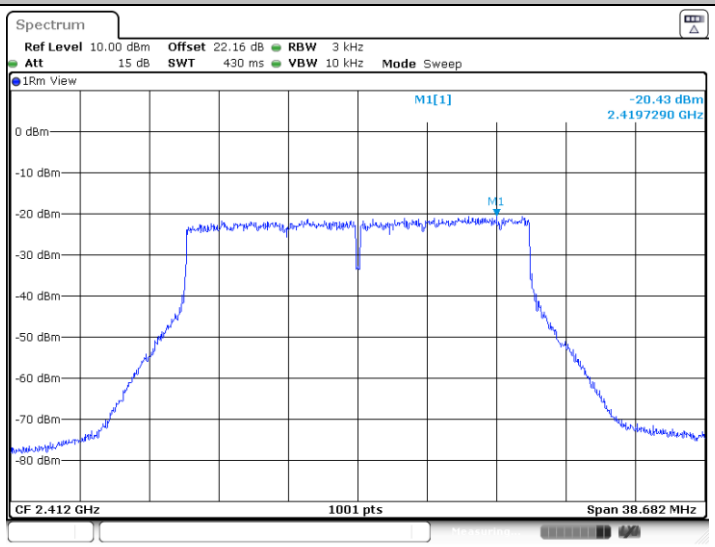
11BE20MIMO_Ant2_2412



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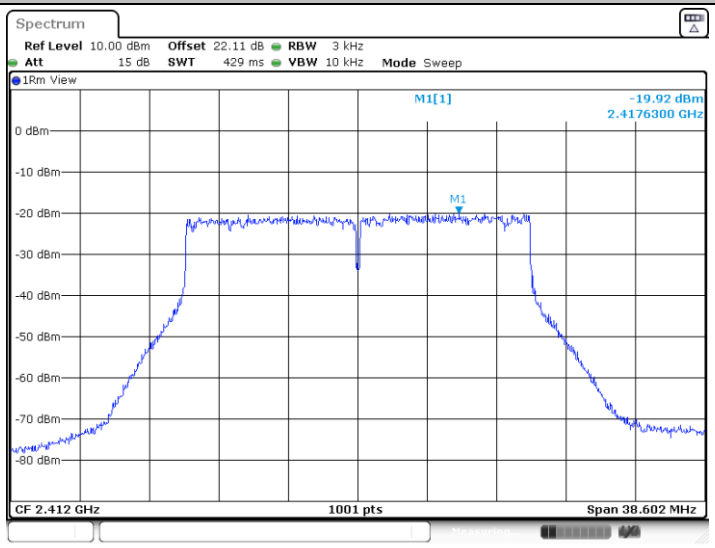
11BE20MIMO_Ant3_2412



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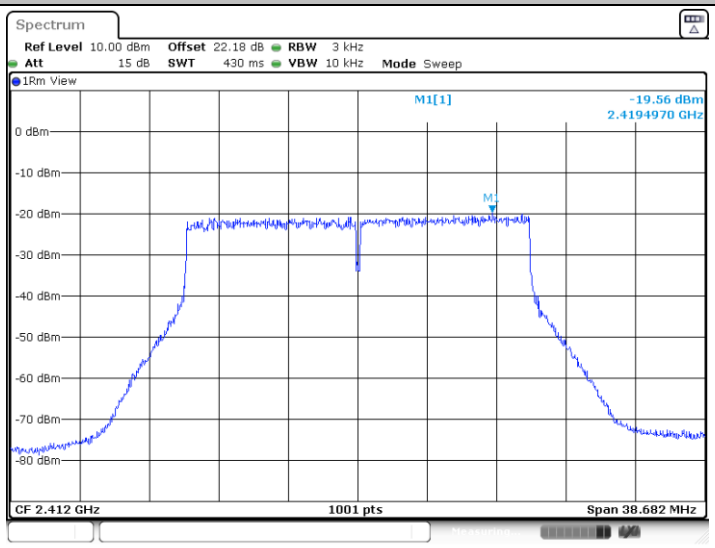
11BE20MIMO_Ant4_2412



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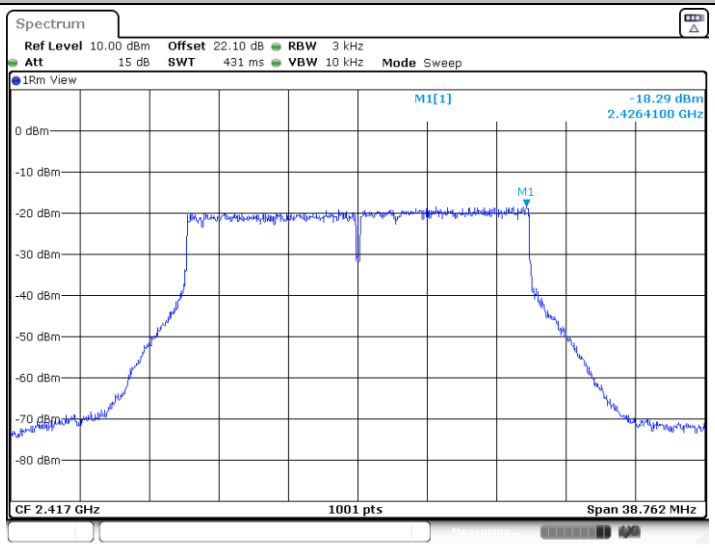
11BE20MIMO_Ant1_2417



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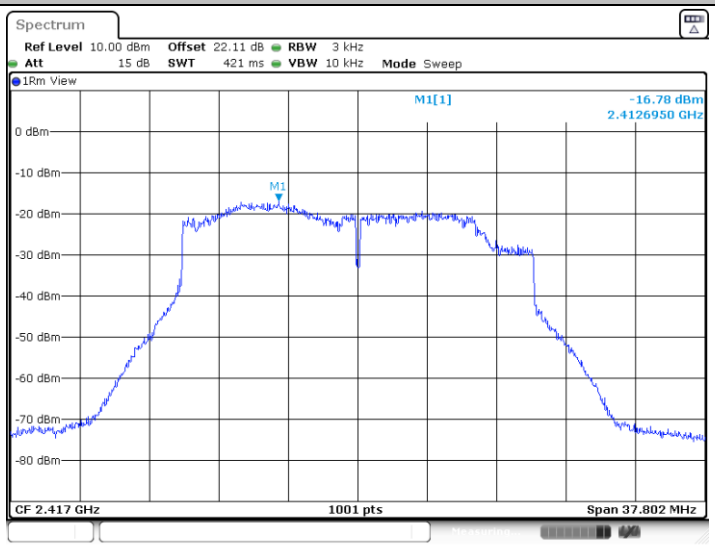

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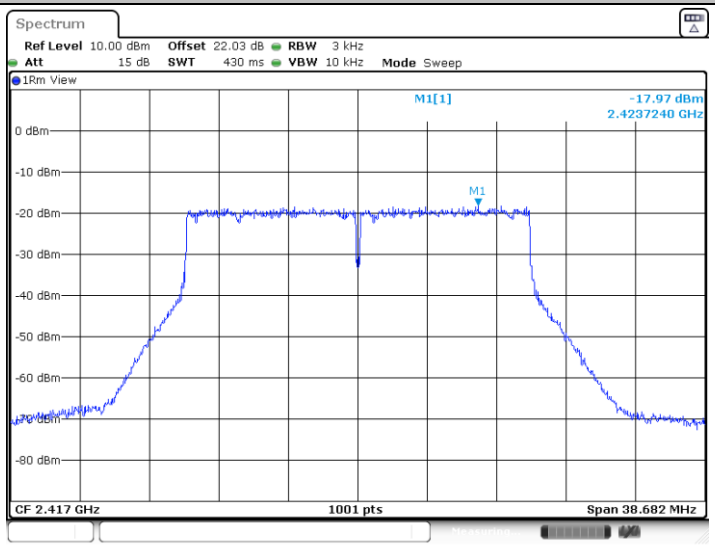
11BE20MIMO_Ant3_2417



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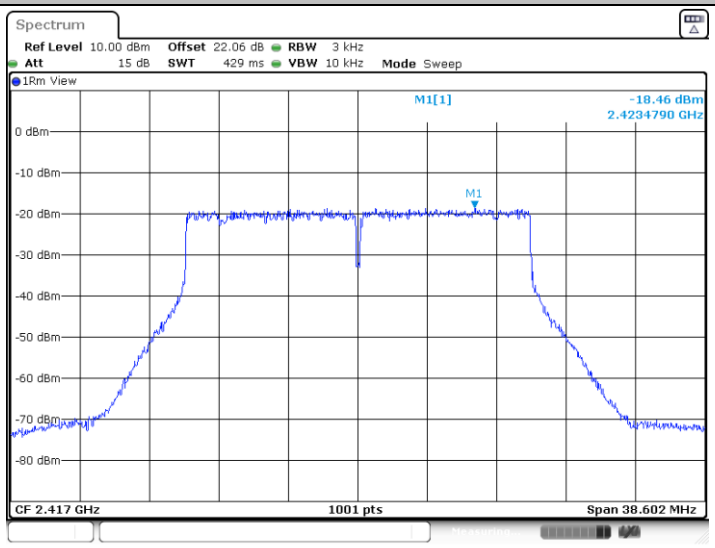
11BE20MIMO_Ant4_2417



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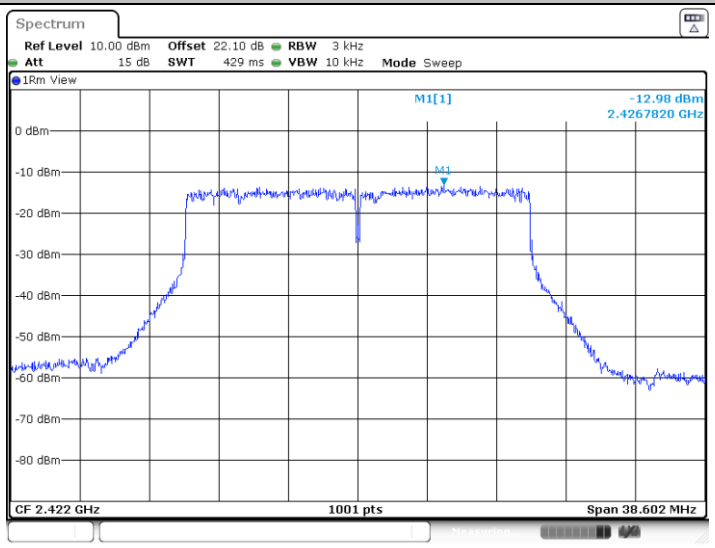
11BE20MIMO_Ant1_2422



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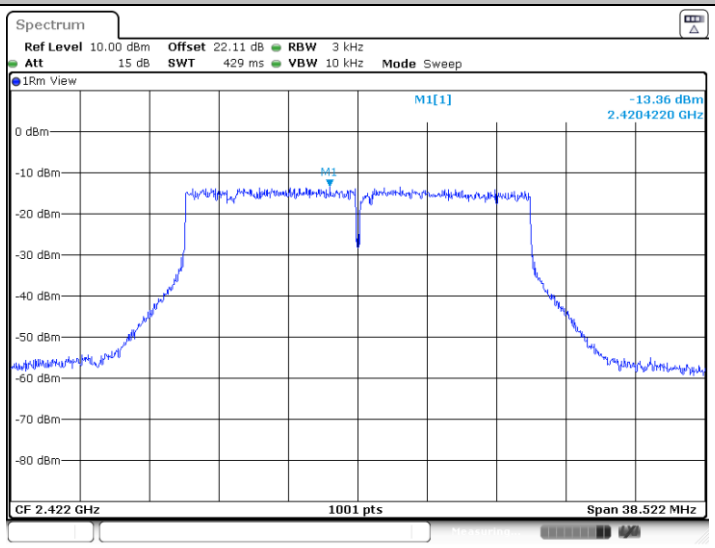
11BE20MIMO_Ant2_2422



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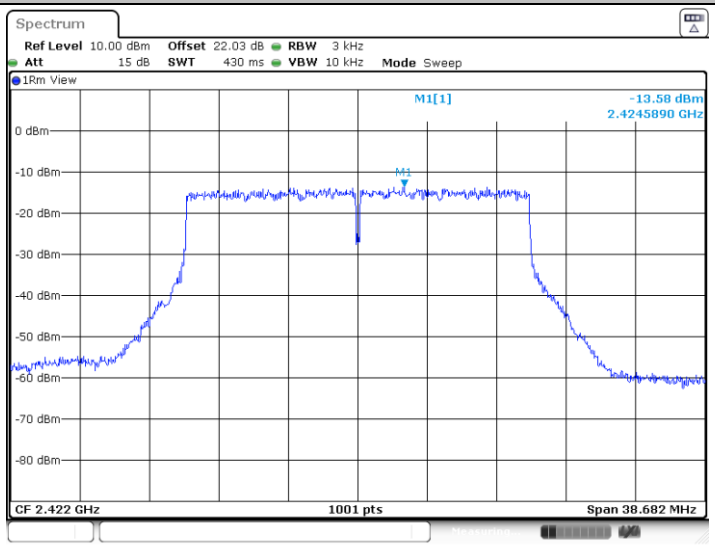
11BE20MIMO_Ant3_2422



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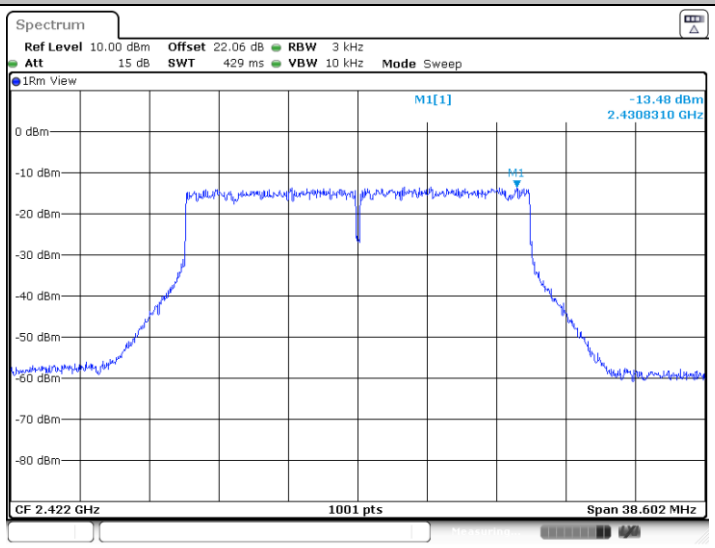
11BE20MIMO_Ant4_2422



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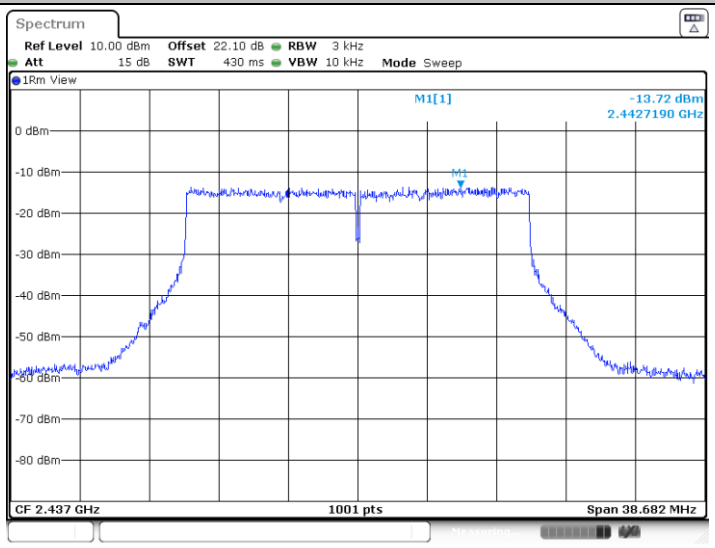
11BE20MIMO_Ant1_2437



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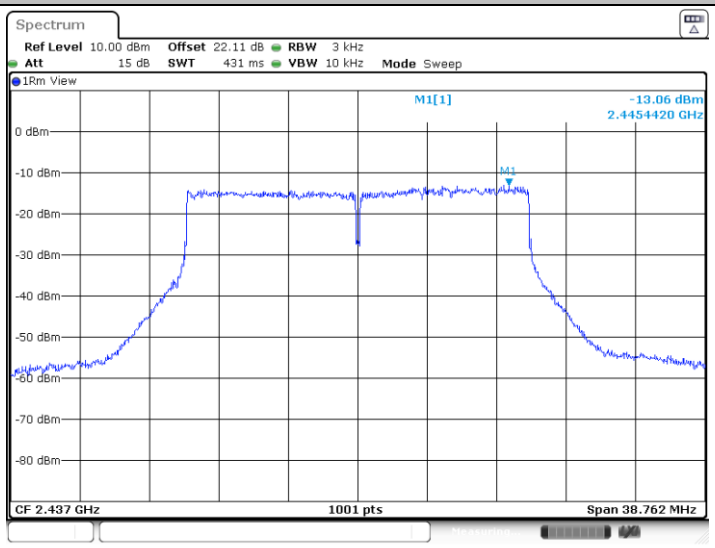
11BE20MIMO_Ant2_2437



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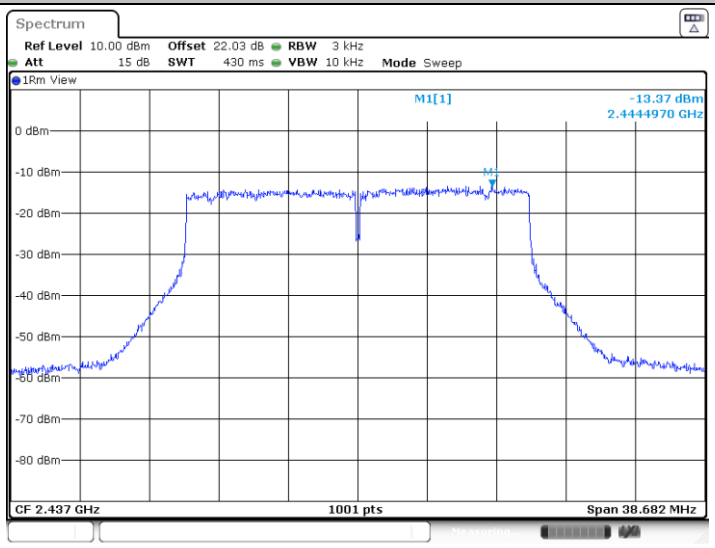
11BE20MIMO_Ant3_2437



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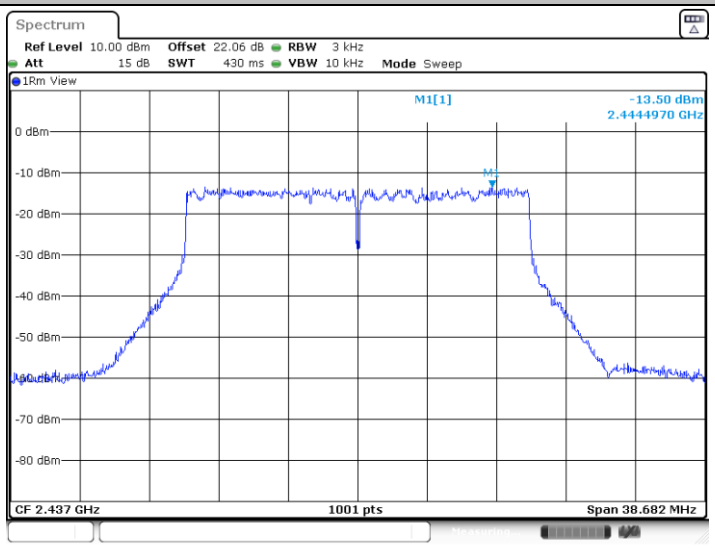
11BE20MIMO_Ant4_2437



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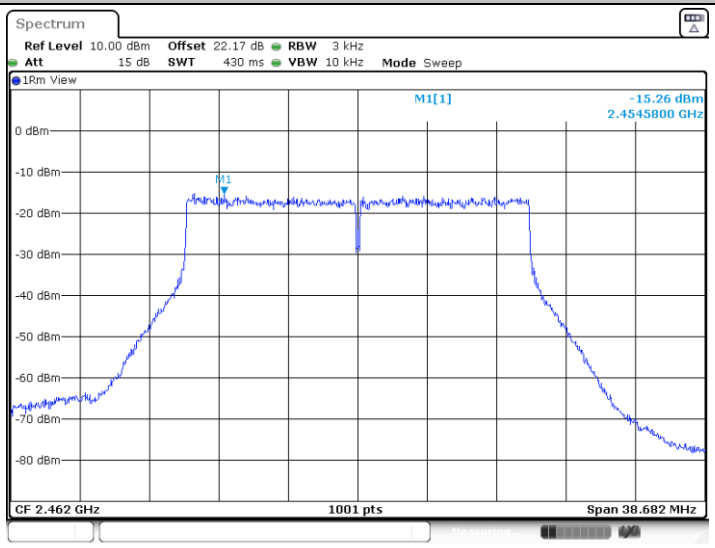
11BE20MIMO_Ant1_2462



Date: 26.OCT.2024 13:05:34

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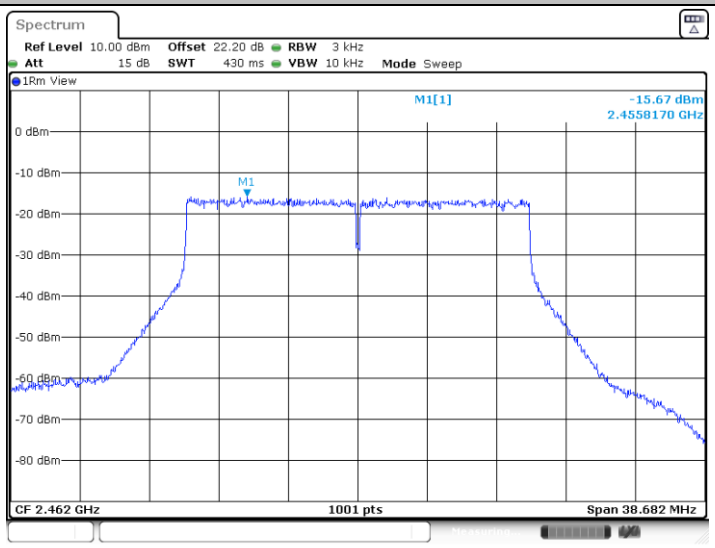

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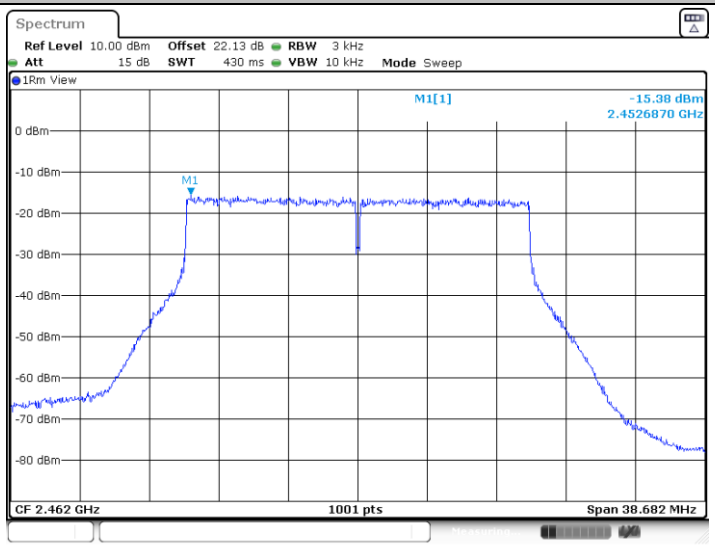

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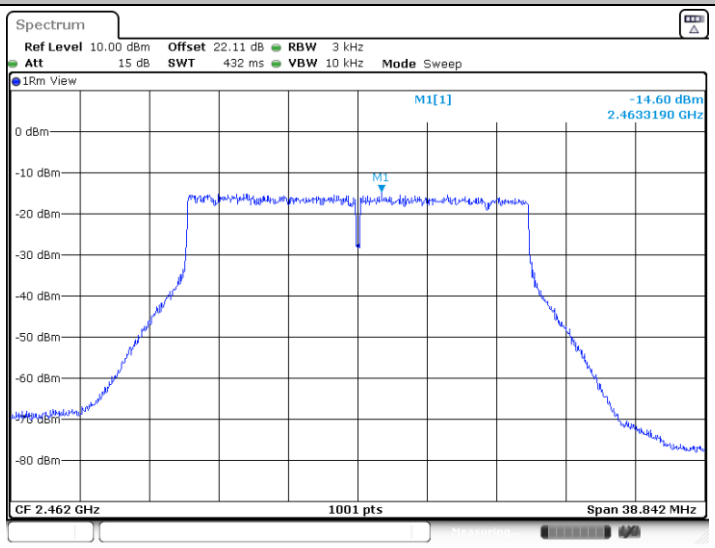
11BE20MIMO_Ant4_2462



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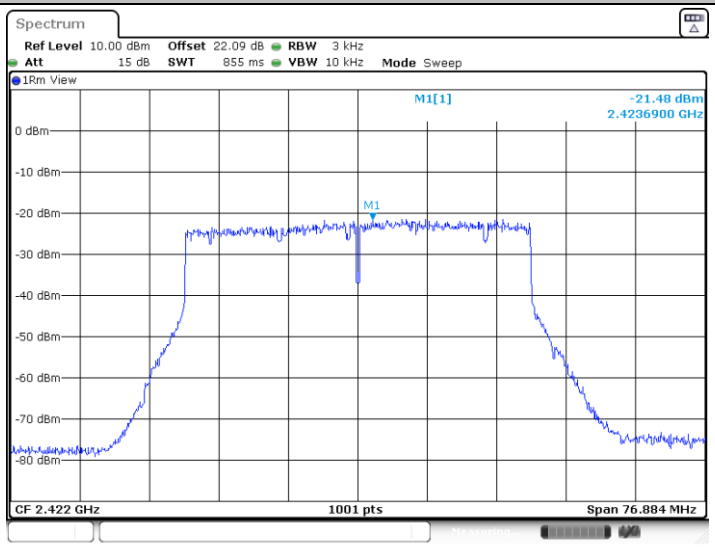
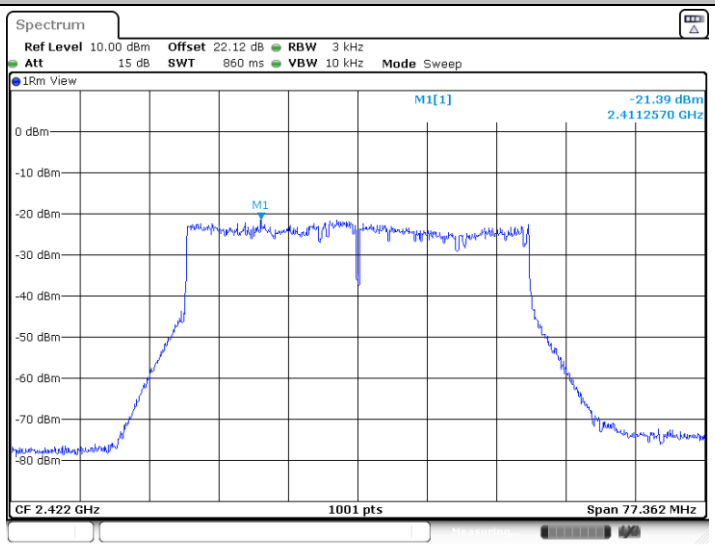
11BE40MIMO_Ant1_2422



Date: 13.SEP.2024 21:17:33

11BE40MIMO_Ant2_2422



Date: 13.SEP.2024 21:19:48

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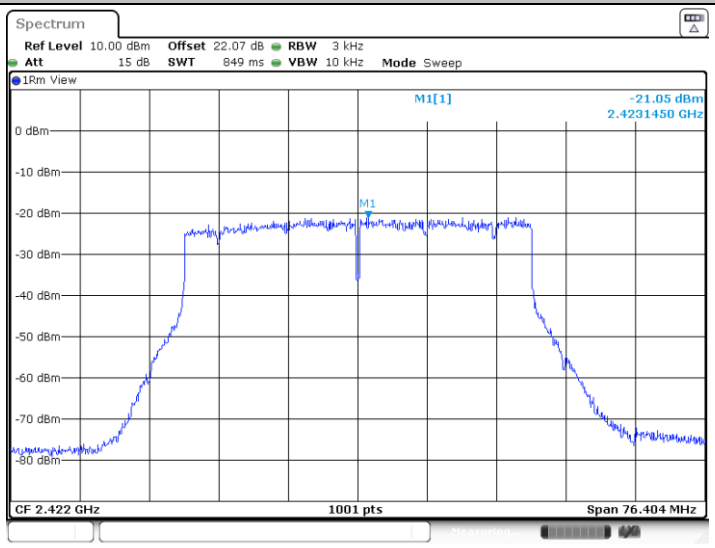

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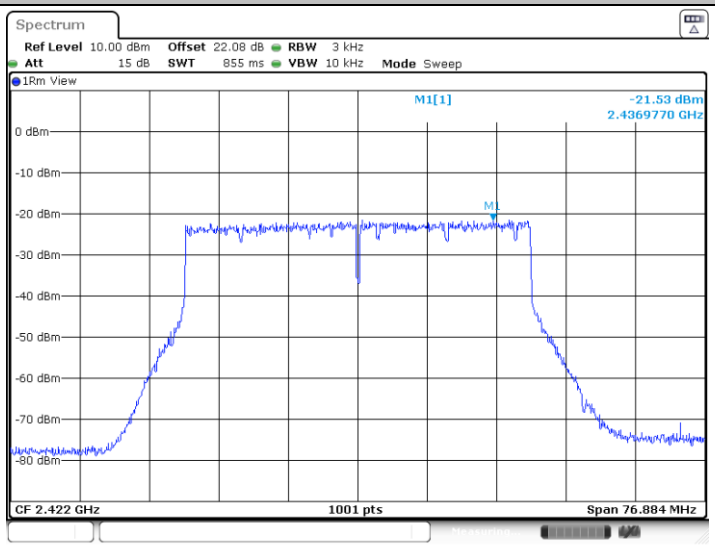
11BE40MIMO_Ant4_2422



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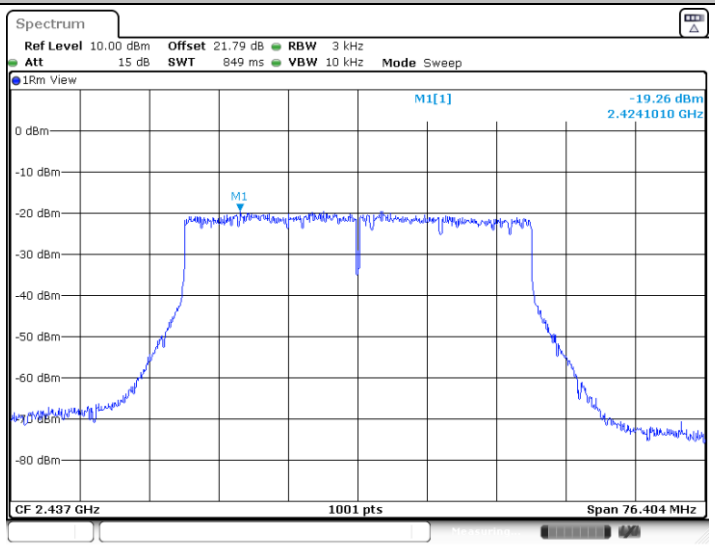
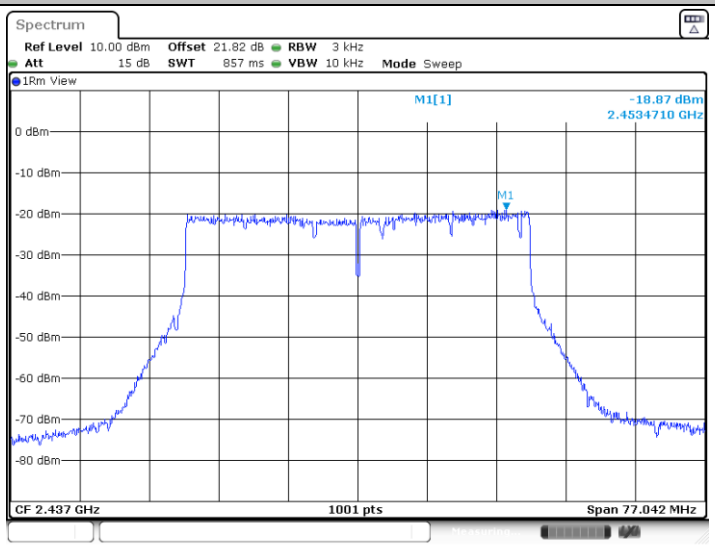
11BE40MIMO_Ant1_2437



Date: 30.SEP.2024 18:47:23

11BE40MIMO_Ant2_2437



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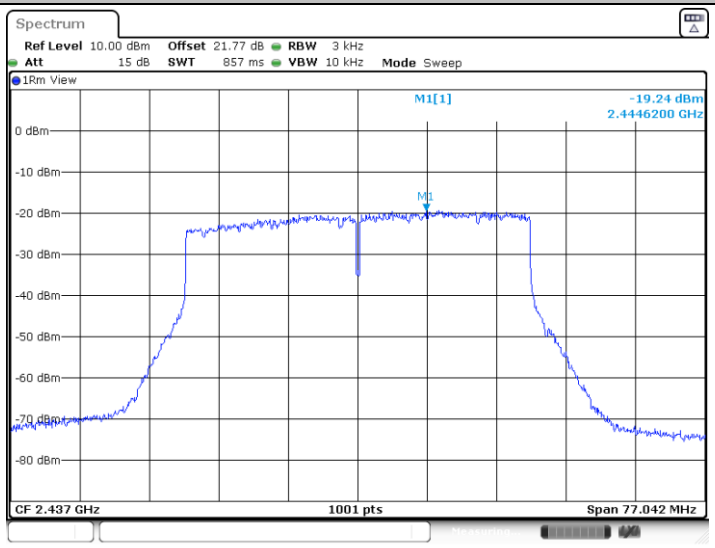
11BE40MIMO_Ant3_2437



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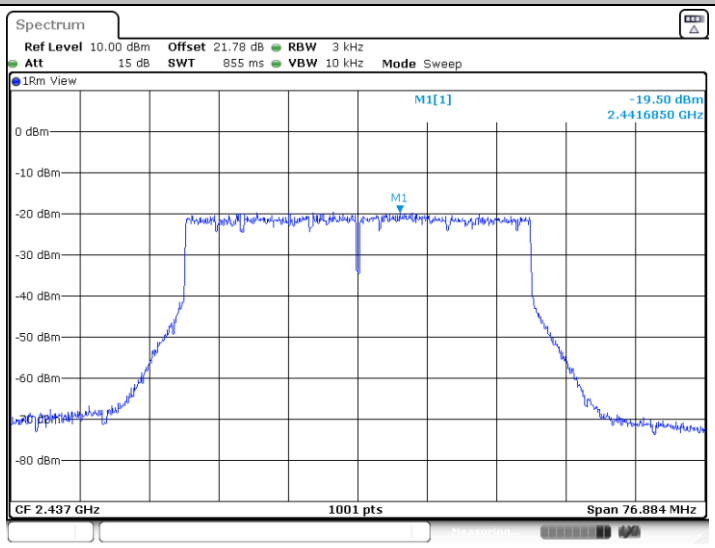
11BE40MIMO_Ant4_2437



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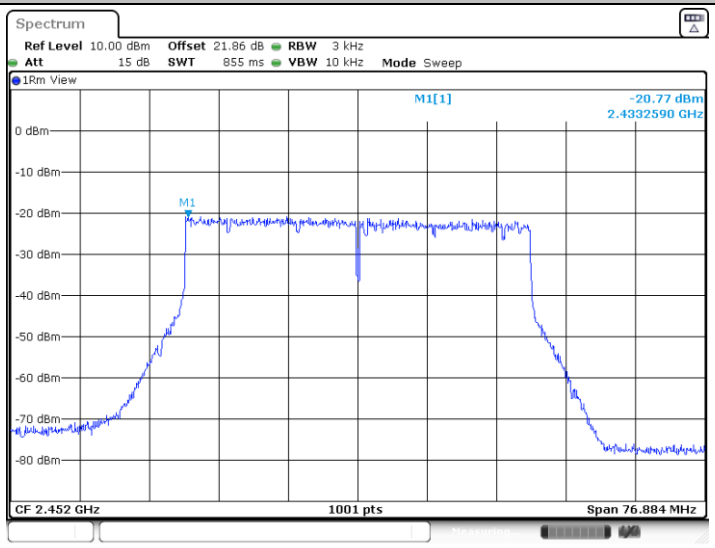
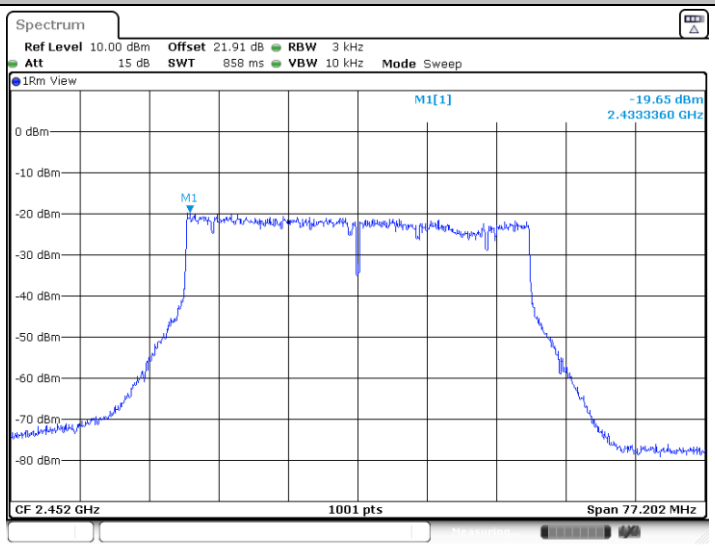
11BE40MIMO_Ant1_2452



Date: 30.SEP.2024 18:55:48

11BE40MIMO_Ant2_2452



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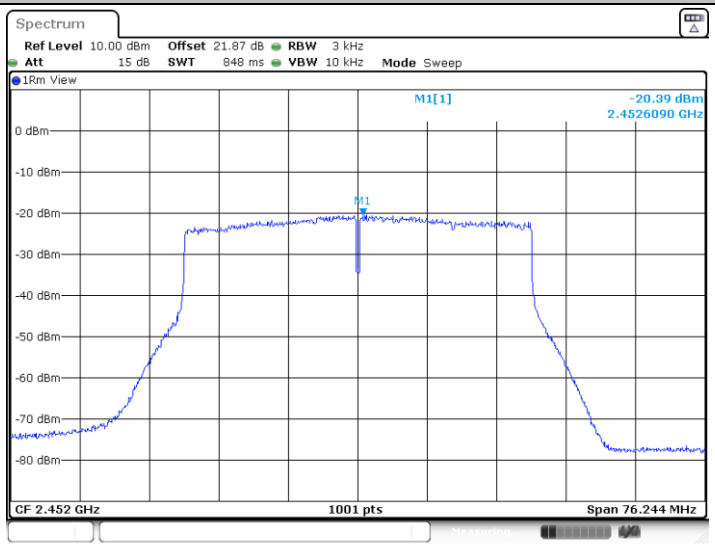
11BE40MIMO_Ant3_2452



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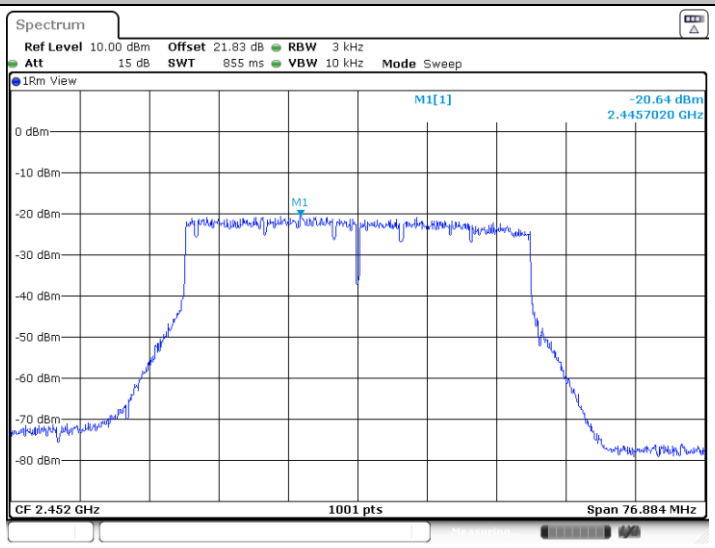
11BE40MIMO_Ant4_2452



Date: 30.SEP.2024 19:01:48

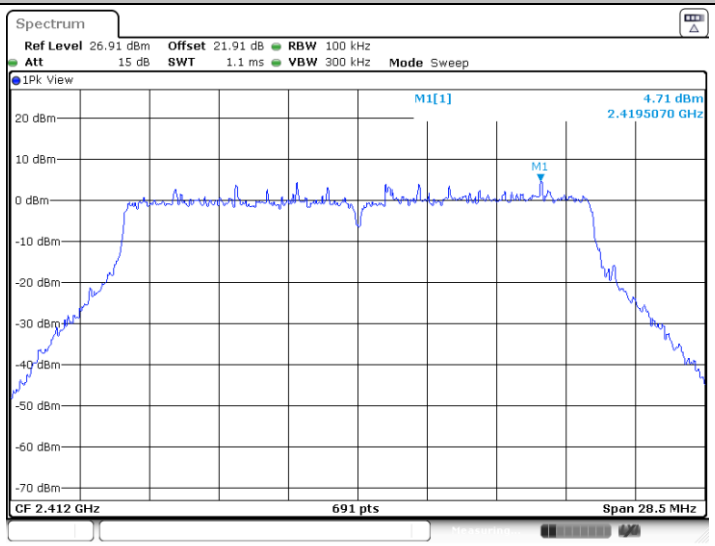
Reference level measurement

Test Result

TestMode	Antenna	Freq(MHz)	Max.Point[MHz]	Result[dBm/100KHz]
11BE20MIMO	Ant1	2412	2419.51	4.71
	Ant2	2412	2412.74	4.54
	Ant3	2412	2411.02	5.65
	Ant4	2412	2419.51	5.34
	Ant1	2417	2416.51	7.23
	Ant2	2417	2424.50	5.92
	Ant3	2417	2424.49	7.09
	Ant4	2417	2418.56	7.63
	Ant1	2422	2427.03	8.40
	Ant2	2422	2419.53	11.11
	Ant3	2422	2420.44	10.01
	Ant4	2422	2420.52	11.98
	Ant1	2437	2437.54	11.34
	Ant2	2437	2437.99	10.61
	Ant3	2437	2444.53	10.97
	Ant4	2437	2442.00	10.84
	Ant1	2462	2462.53	11.25
	Ant2	2462	2462.50	11.75
	Ant3	2462	2460.02	10.80
	Ant4	2462	2463.04	10.82
11BE40MIMO	Ant1	2422	2414.50	5.95
	Ant2	2422	2412.52	6.43
	Ant3	2422	2411.51	6.91
	Ant4	2422	2412.97	6.63
	Ant1	2437	2420.78	5.24
	Ant2	2437	2432.03	5.16
	Ant3	2437	2453.65	6.46
	Ant4	2437	2429.56	5.65
	Ant1	2452	2444.48	4.43
	Ant2	2452	2447.03	4.57
	Ant3	2452	2447.02	4.43
	Ant4	2452	2447.04	4.32

Test Graphs

11BE20MIMO_Ant1_2412



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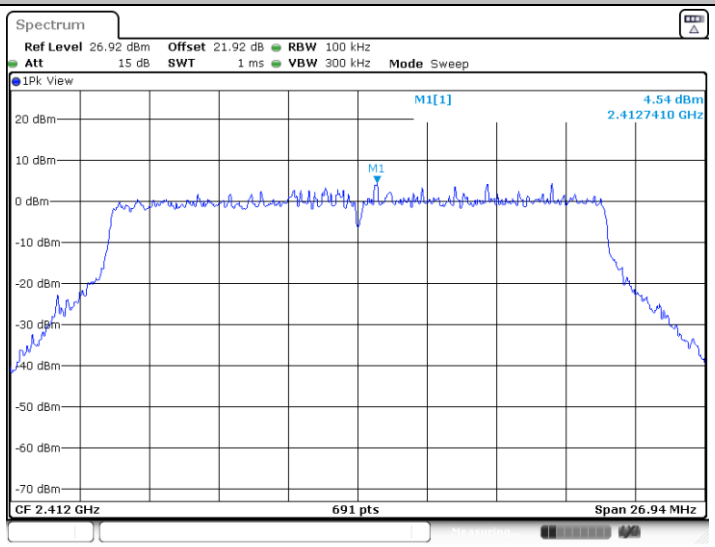
11BE20MIMO_Ant2_2412



Date: 13.SEP.2024 19:40:05