



Table of Contents

<TX Beamforming mode>	A3-2
DTS Bandwidth	A3-2
Occupied Channel Bandwidth	A3-19
Maximum power spectral density	A3-36
Reference level measurement	A3-53
Band edge measurements	A3-70
Conducted Spurious Emission	A3-83
Duty Cycle	A3-117

<TX Beamforming mode>

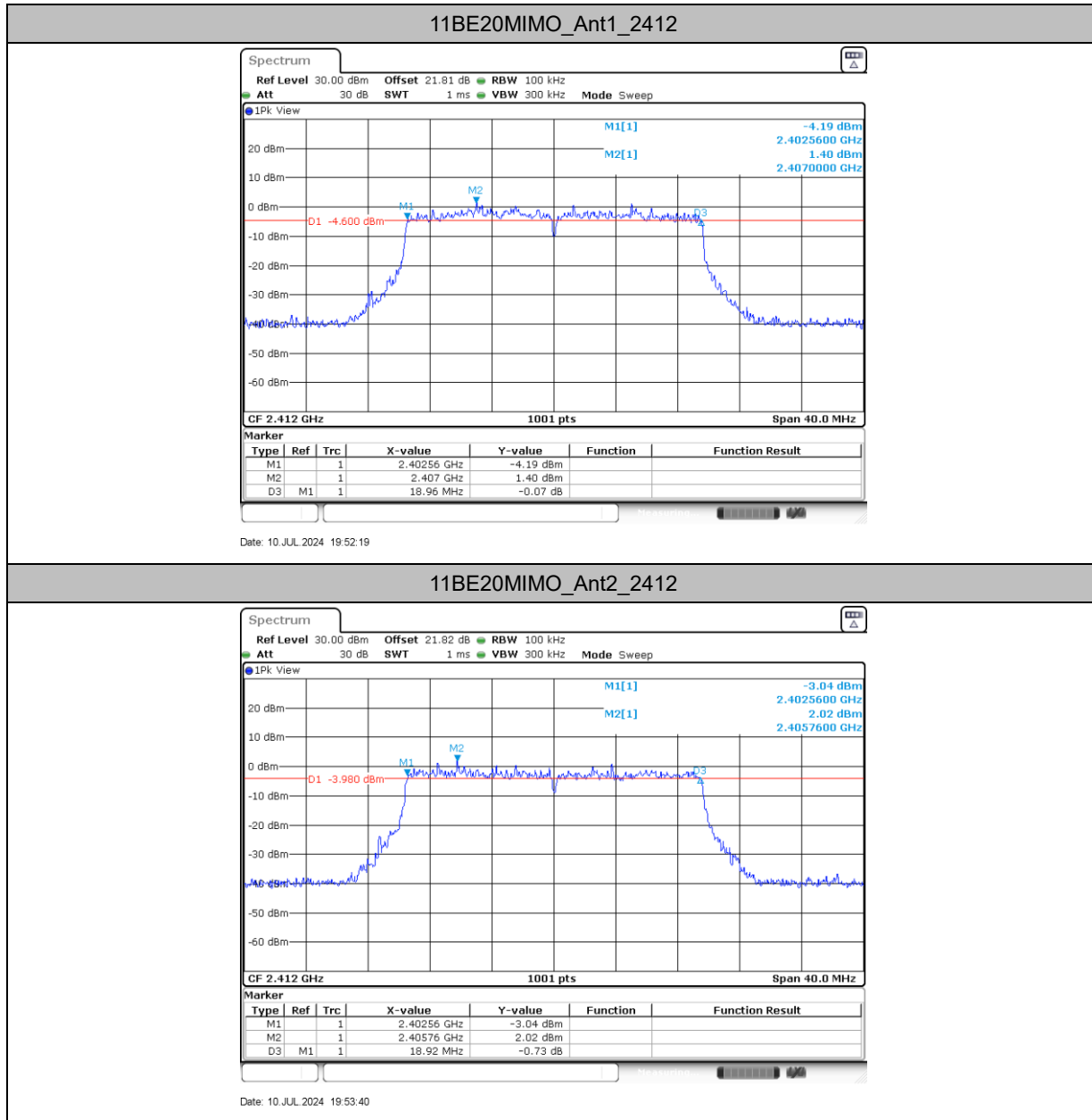
DTS Bandwidth

Test Result

TestMode	Antenna	Freq(MHz)	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11BE20MIMO	Ant1	2412	18.96	2402.56	2421.52	0.5	PASS
	Ant2	2412	18.92	2402.56	2421.48	0.5	PASS
	Ant3	2412	18.92	2402.48	2421.40	0.5	PASS
	Ant4	2412	18.96	2402.56	2421.52	0.5	PASS
	Ant1	2417	19.08	2407.48	2426.56	0.5	PASS
	Ant2	2417	19.08	2407.52	2426.60	0.5	PASS
	Ant3	2417	19.16	2407.48	2426.64	0.5	PASS
	Ant4	2417	19.12	2407.48	2426.60	0.5	PASS
	Ant1	2437	18.96	2427.52	2446.48	0.5	PASS
	Ant2	2437	18.96	2427.56	2446.52	0.5	PASS
	Ant3	2437	18.96	2427.52	2446.48	0.5	PASS
	Ant4	2437	19.00	2427.52	2446.52	0.5	PASS
	Ant1	2457	19.04	2447.48	2466.52	0.5	PASS
	Ant2	2457	18.92	2447.52	2466.44	0.5	PASS
	Ant3	2457	19.08	2447.44	2466.52	0.5	PASS
	Ant4	2457	19.04	2447.48	2466.52	0.5	PASS
	Ant1	2462	19.00	2452.52	2471.52	0.5	PASS
	Ant2	2462	19.00	2452.52	2471.52	0.5	PASS
	Ant3	2462	19.08	2452.52	2471.60	0.5	PASS
	Ant4	2462	19.00	2452.52	2471.52	0.5	PASS
11BE40MIMO	Ant1	2422	37.84	2403.20	2441.04	0.5	PASS
	Ant2	2422	37.76	2403.28	2441.04	0.5	PASS
	Ant3	2422	37.04	2403.04	2440.08	0.5	PASS
	Ant4	2422	38.24	2402.88	2441.12	0.5	PASS
	Ant1	2437	38.16	2417.88	2456.04	0.5	PASS
	Ant2	2437	38.16	2417.96	2456.12	0.5	PASS
	Ant3	2437	38.16	2417.96	2456.12	0.5	PASS
	Ant4	2437	38.16	2417.96	2456.12	0.5	PASS
	Ant1	2452	38.24	2432.88	2471.12	0.5	PASS
	Ant2	2452	38.16	2432.96	2471.12	0.5	PASS
	Ant3	2452	38.24	2432.96	2471.20	0.5	PASS
	Ant4	2452	38.24	2432.96	2471.20	0.5	PASS

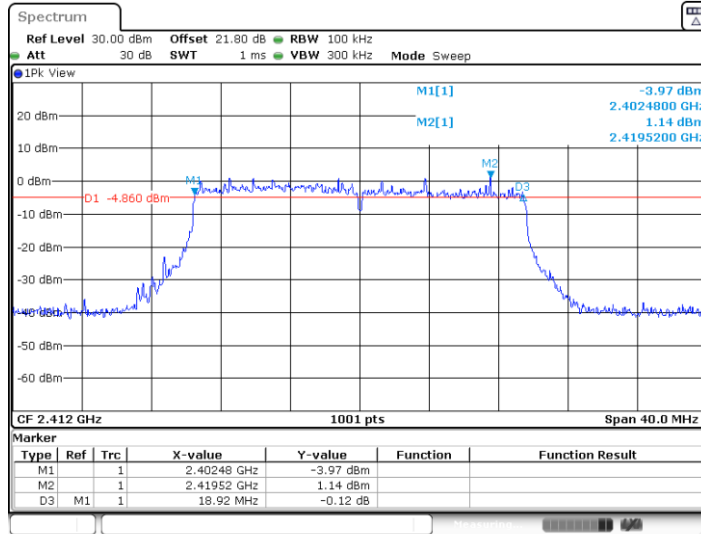


Test Graphs



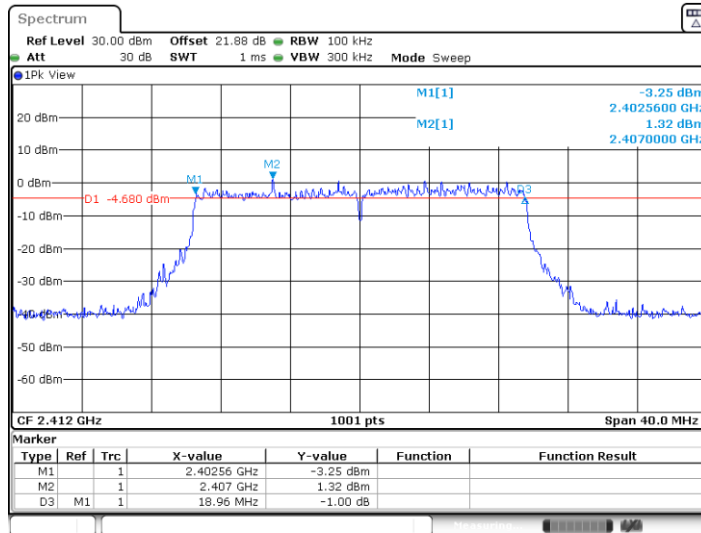


11BE20MIMO_Ant3_2412



Date: 10 JUL 2024 19:56:12

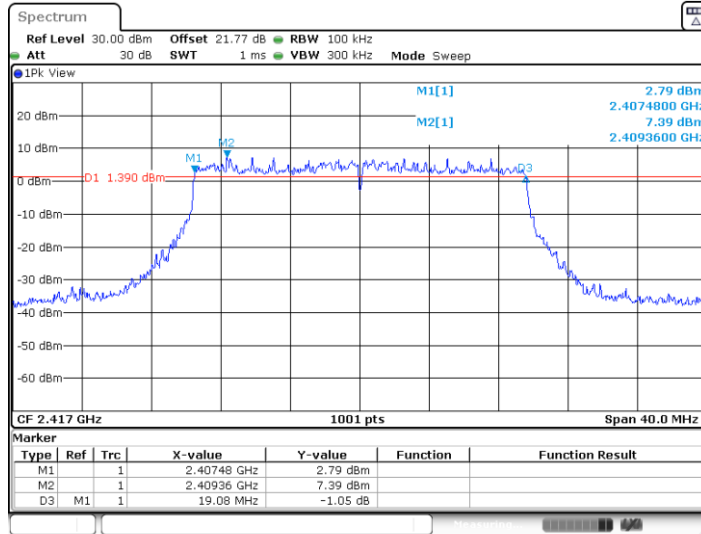
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Date: 10 JUL 2024 19:57:34

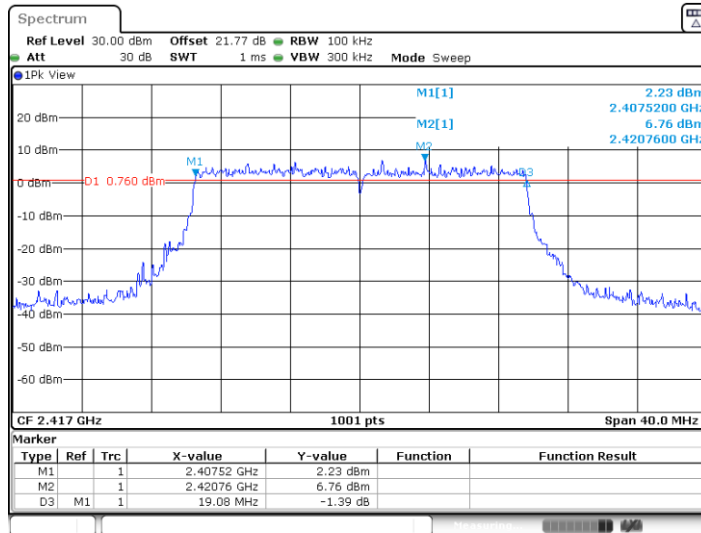


11BE20MIMO_Ant1_2417



Date: 10 JUL 2024 20:05:20

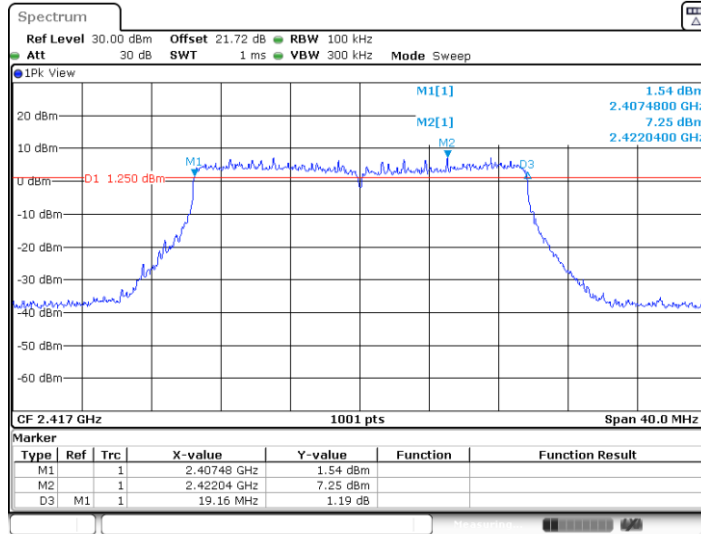
11BE20MIMO_Ant2_2417



Date: 10 JUL 2024 20:07:49

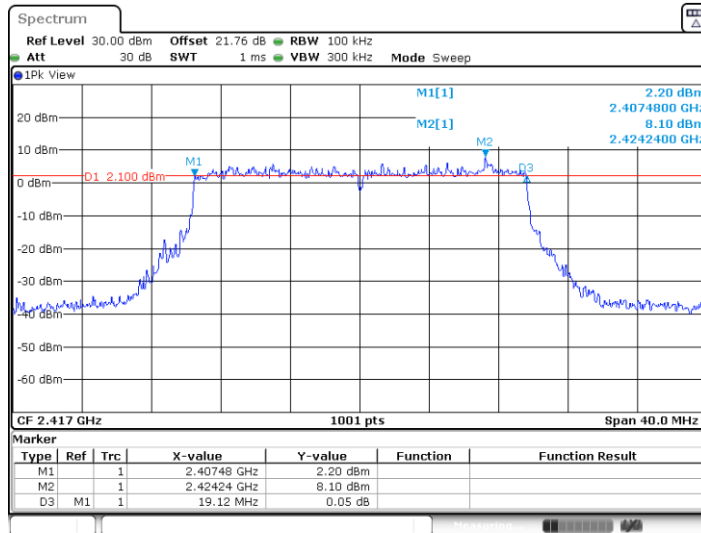


11BE20MIMO_Ant3_2417



Date: 10 JUL 2024 20:09:31

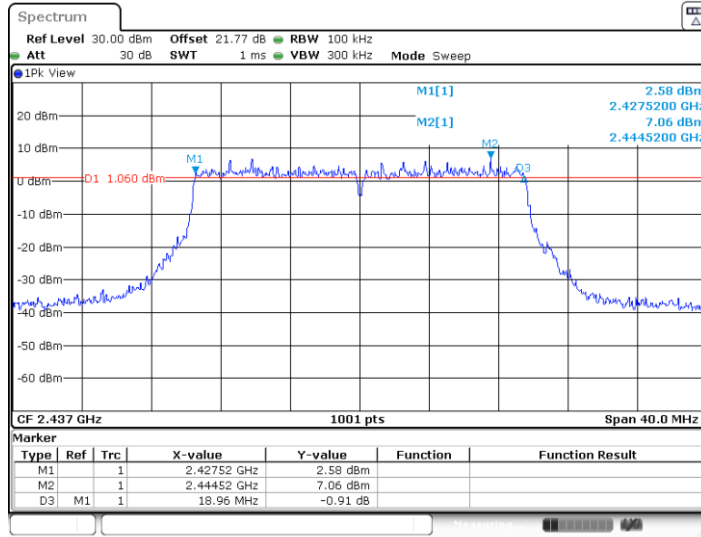
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Date: 10 JUL 2024 20:12:34

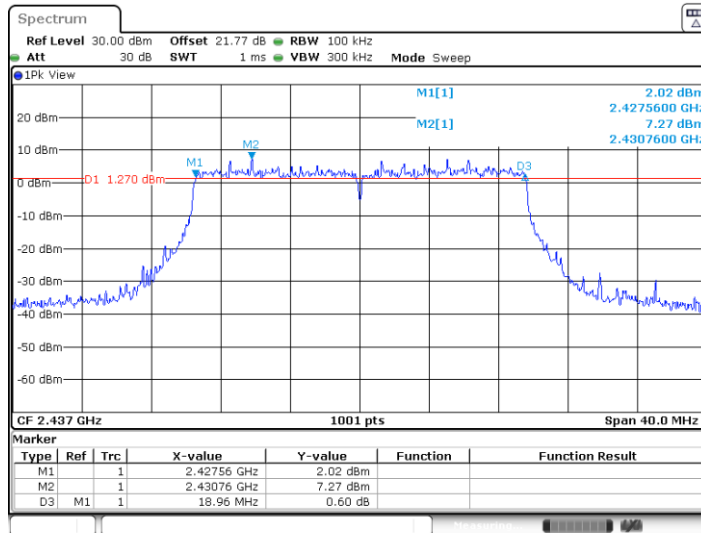


11BE20MIMO_Ant1_2437



Date: 11 JUL 2024 02:18:22

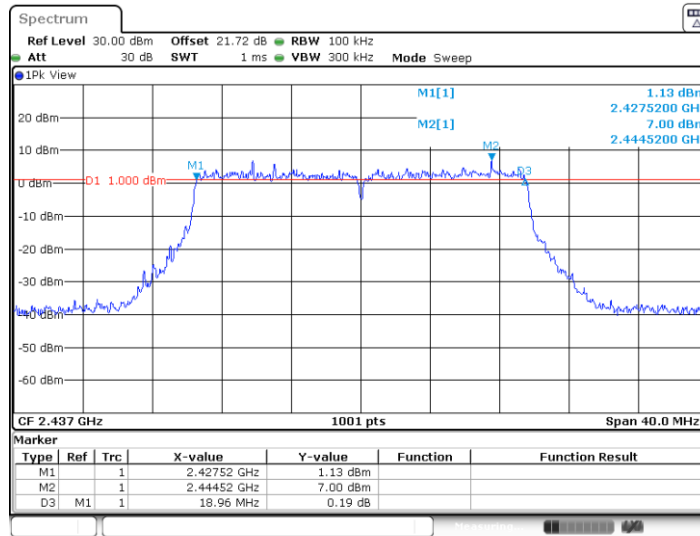
11BE20MIMO_Ant2_2437



Date: 11 JUL 2024 02:19:26

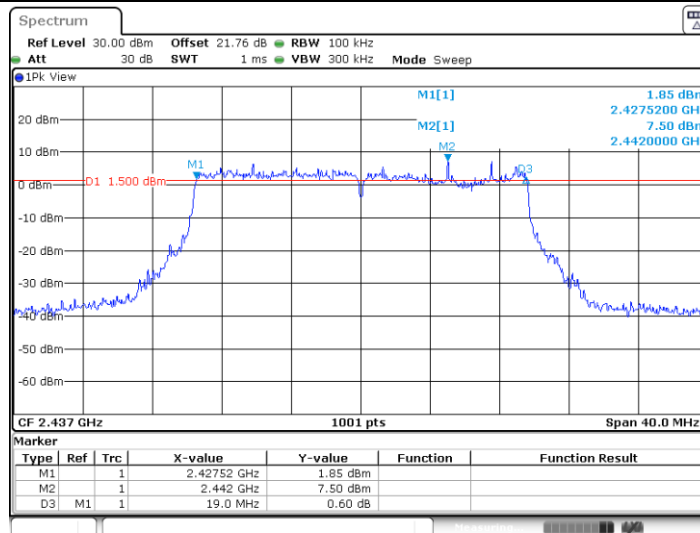


11BE20MIMO_Ant3_2437



Date: 11 JUL 2024 02:20:31

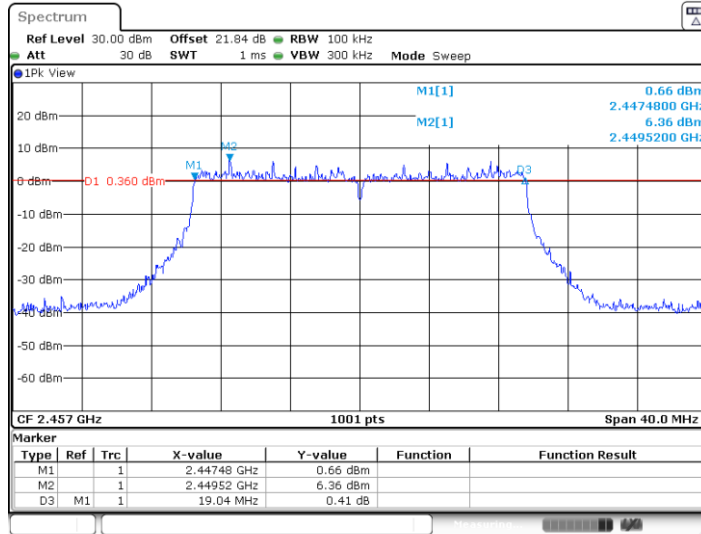
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Date: 11 JUL 2024 02:21:37

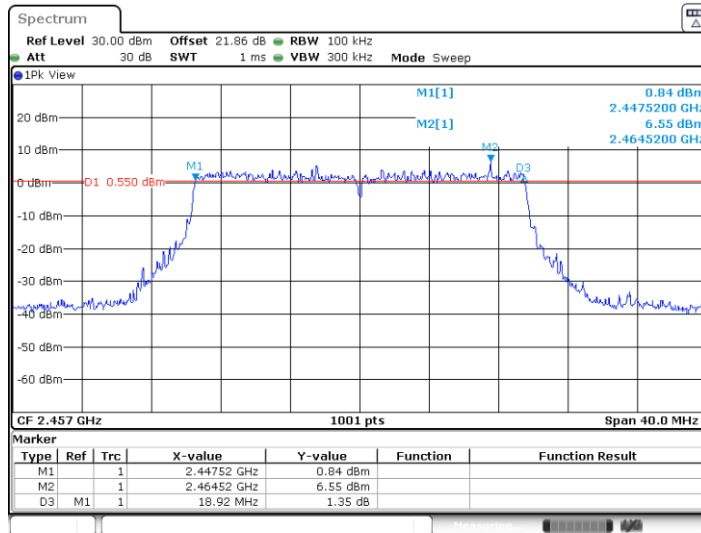


11BE20MIMO_Ant1_2457



Date: 11 JUL 2024 02:25:55

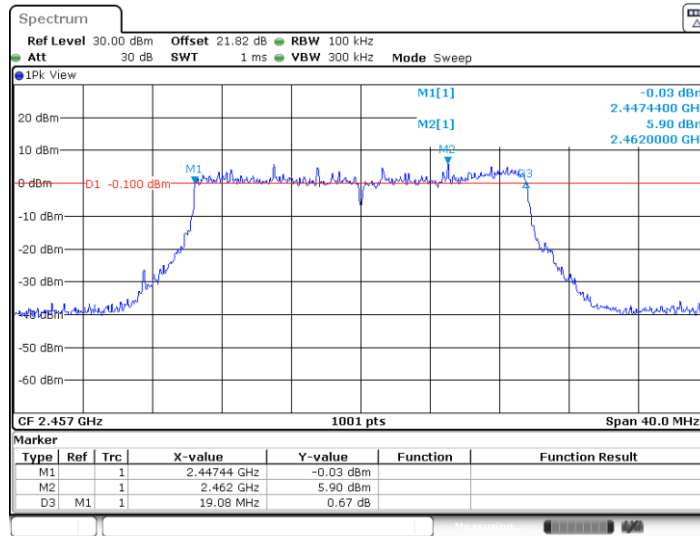
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Date: 11 JUL 2024 02:27:14

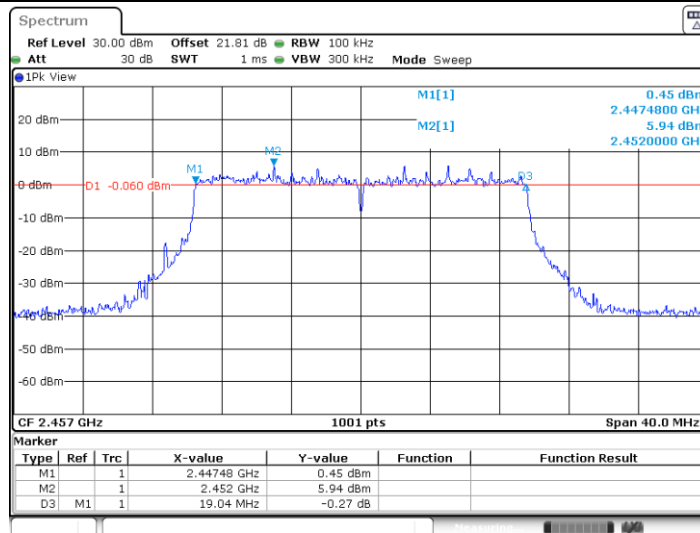


11BE20MIMO_Ant3_2457



Date: 11 JUL 2024 02:28:36

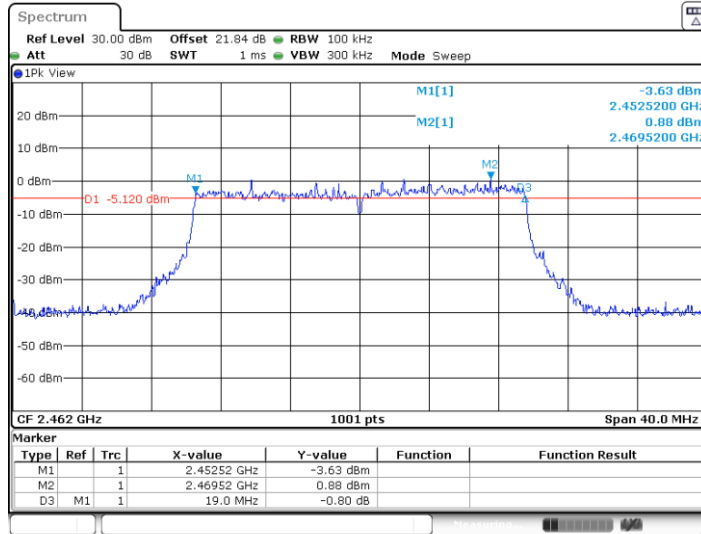
11BE20MIMO_Ant4_2457



Date: 11 JUL 2024 02:29:56

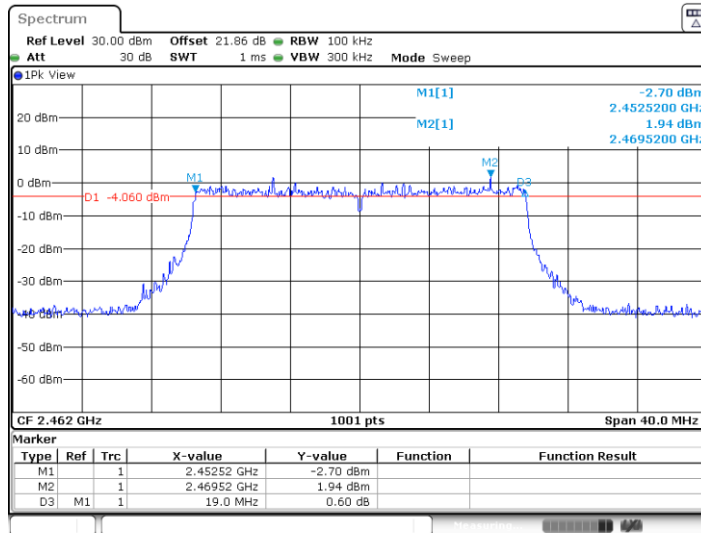


11BE20MIMO_Ant1_2462



Date: 11 JUL 2024 02:34:14

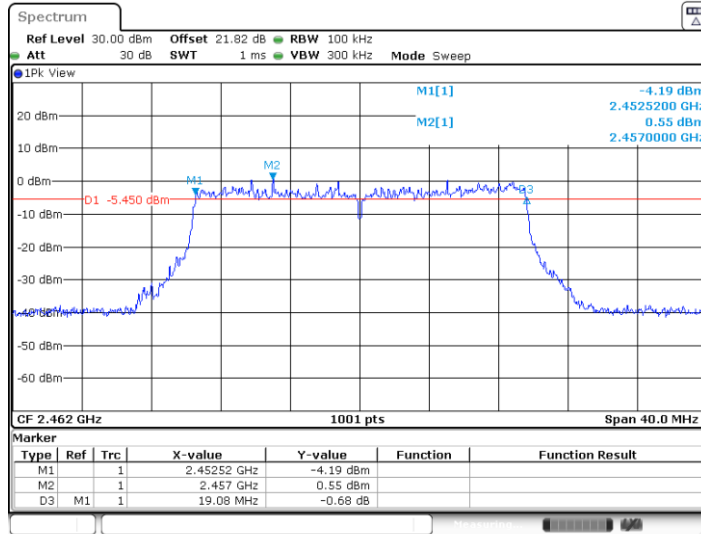
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Date: 11 JUL 2024 02:35:33

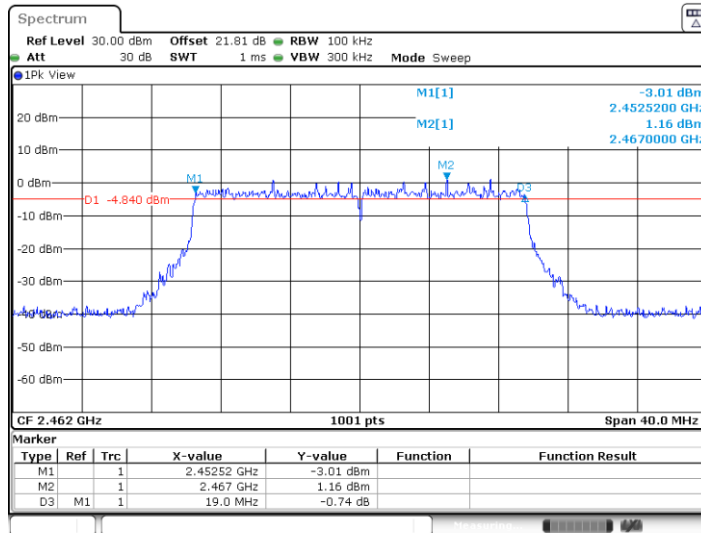


11BE20MIMO_Ant3_2462



Date: 11 JUL 2024 02:36:54

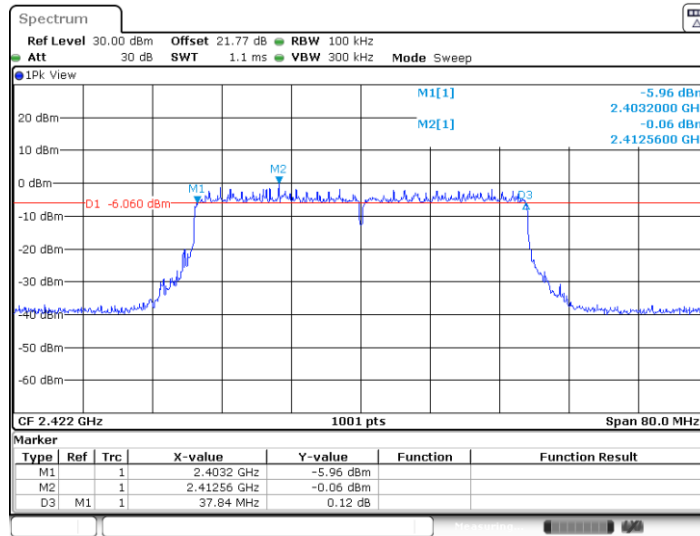
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Date: 11 JUL 2024 02:38:16

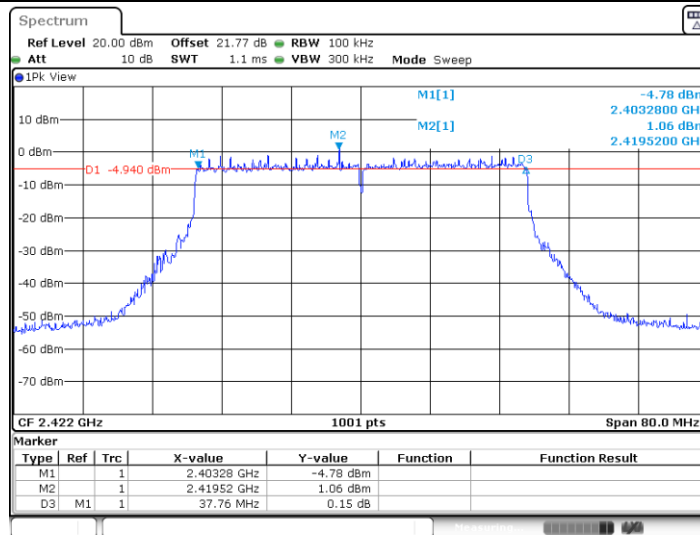


11BE40MIMO_Ant1_2422



Date: 11 JUL 2024 02:43:23

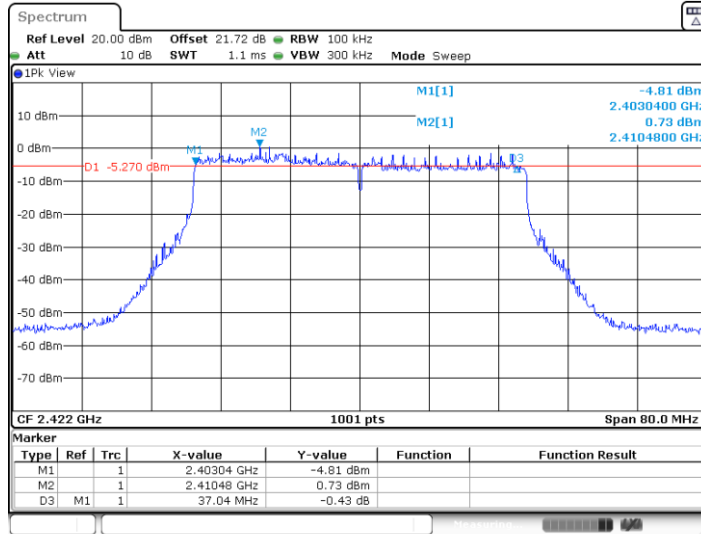
11BE40MIMO_Ant2_2422



Date: 11 JUL 2024 02:50:59

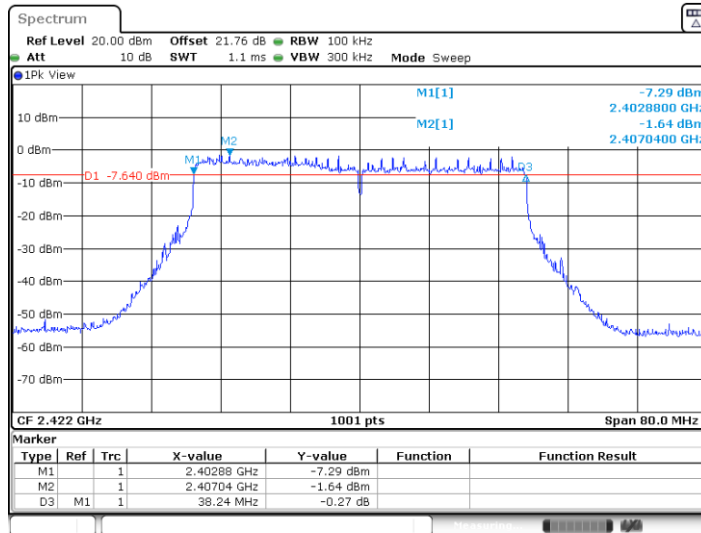


11BE40MIMO_Ant3_2422



Date: 11 JUL 2024 02:53:32

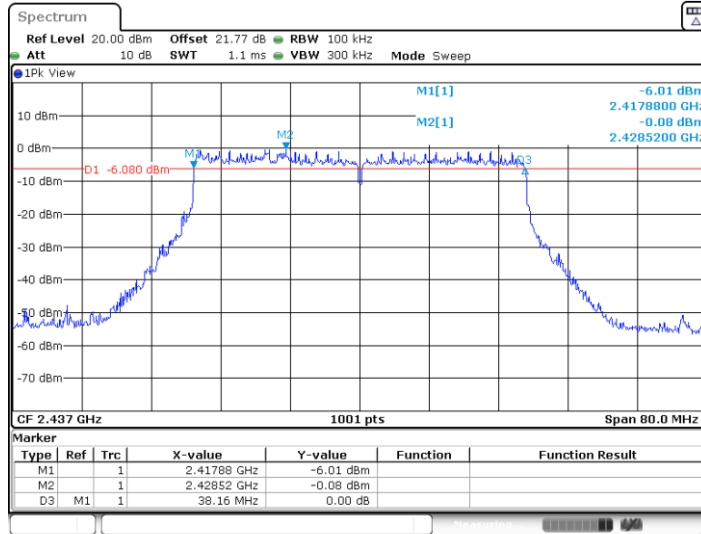
11BE40MIMO_Ant4_2422



Date: 11 JUL 2024 02:55:05

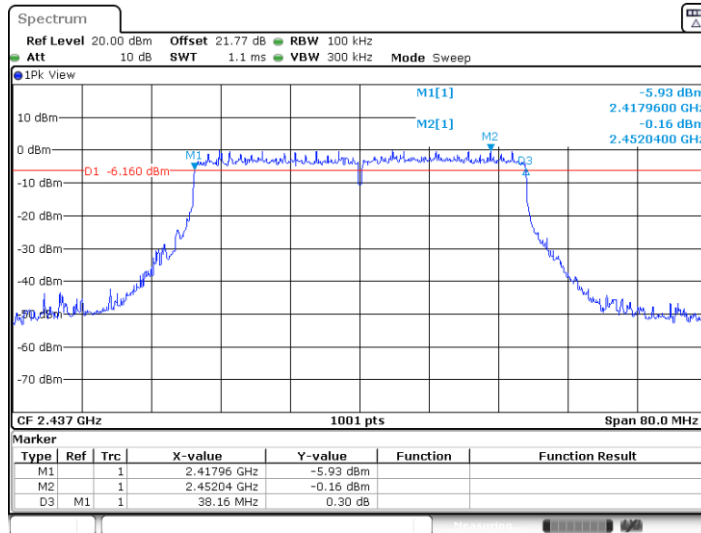


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Date: 11 JUL 2024 03:00:23

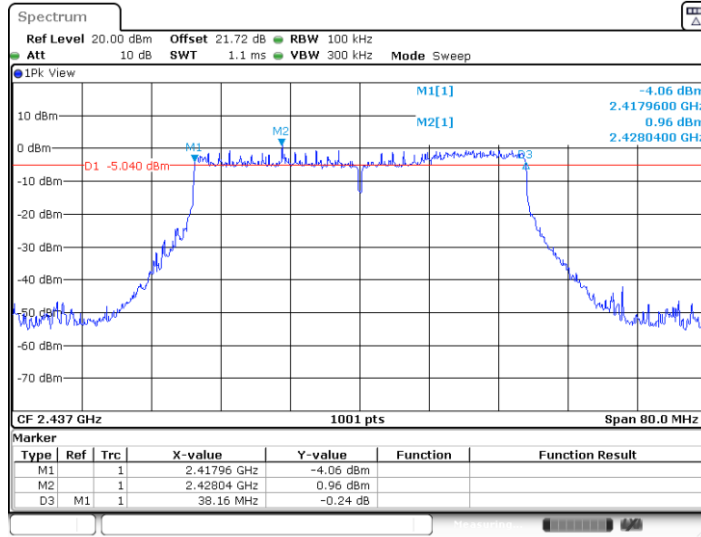
11BE40MIMO_Ant2_2437



Date: 11 JUL 2024 03:01:30

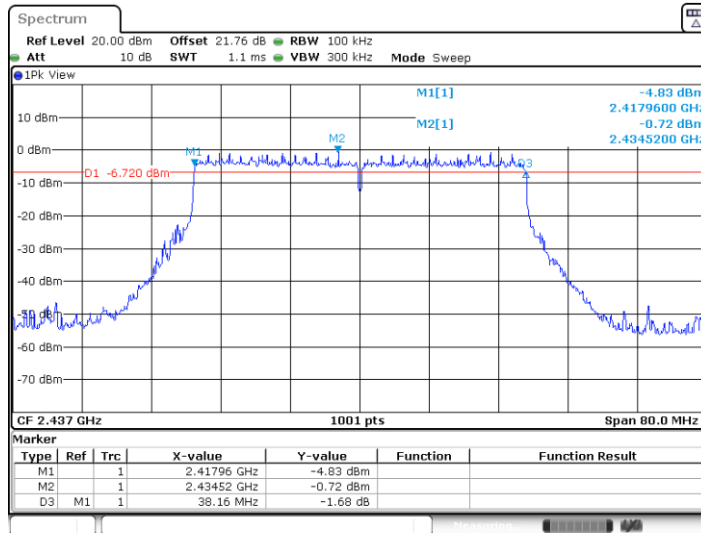


11BE40MIMO_Ant3_2437



Date: 11 JUL 2024 03:03:15

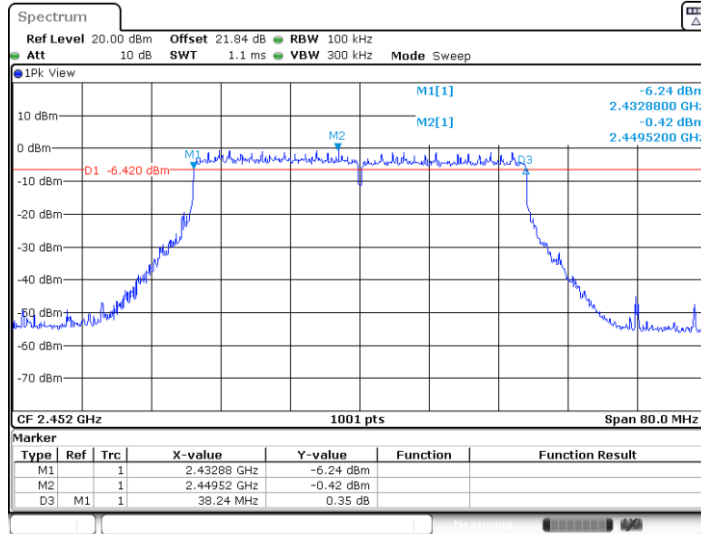
11BE40MIMO_Ant4_2437



Date: 11 JUL 2024 03:04:22

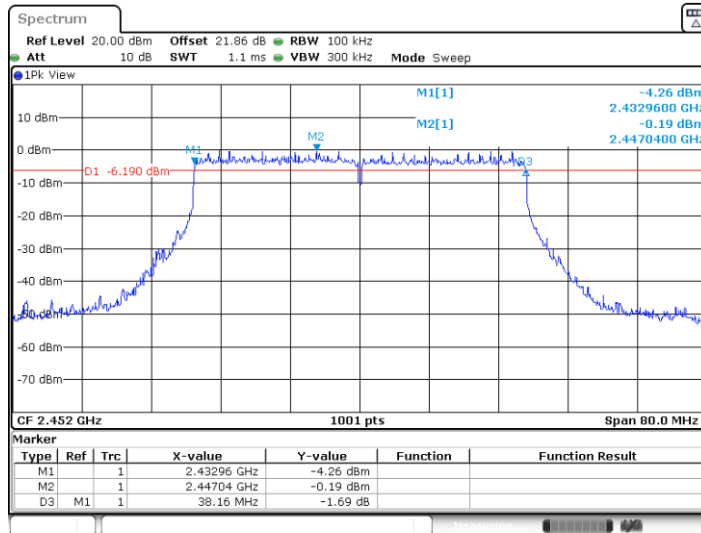


11BE40MIMO_Ant1_2452



Date: 11 JUL 2024 03:06:21

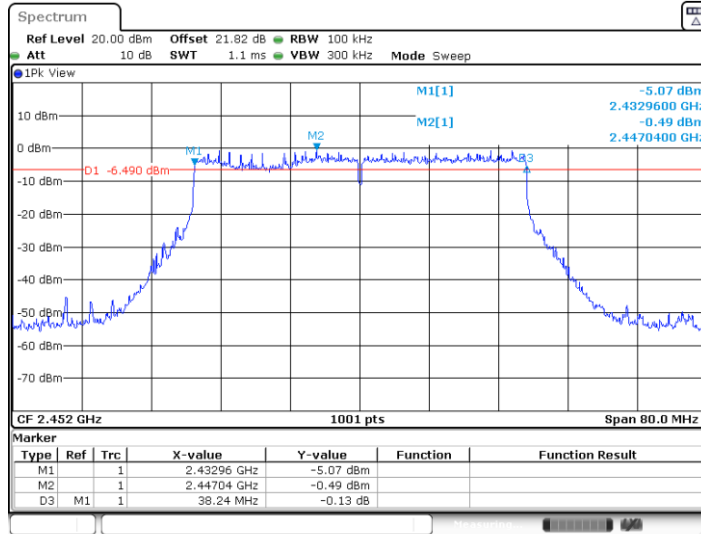
11BE40MIMO_Ant2_2452



Date: 11 JUL 2024 03:07:41

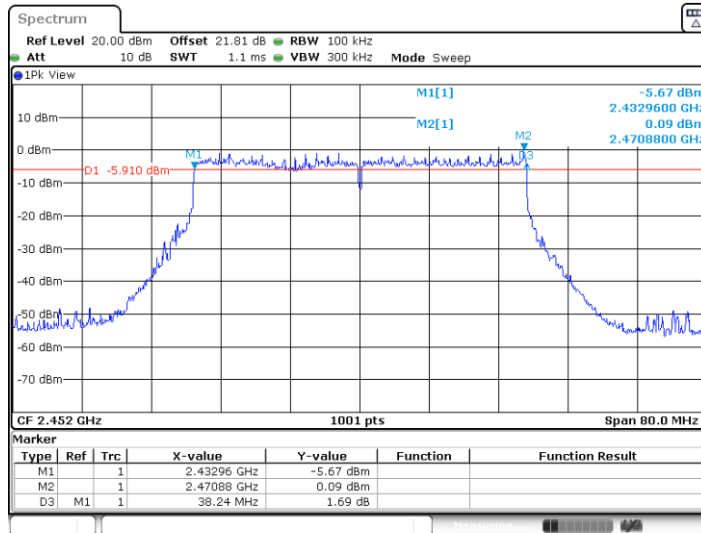


11BE40MIMO_Ant3_2452



Date: 11 JUL 2024 03:09:02

11BE40MIMO_Ant4_2452



Date: 11 JUL 2024 03:10:58



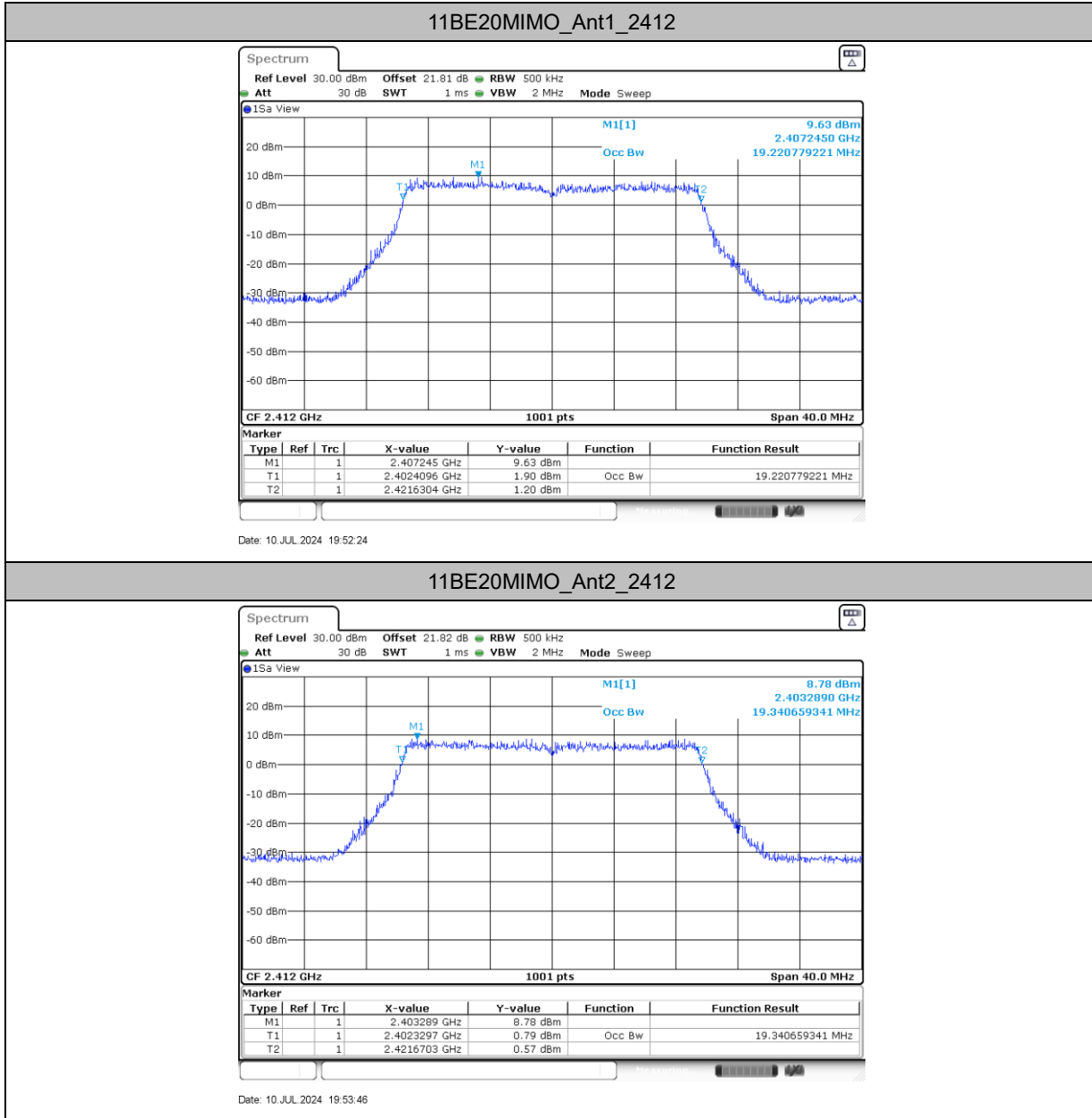
Occupied Channel Bandwidth

Test Result

TestMode	Antenna	Freq(MHz)	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11BE20MIMO	Ant1	2412	19.221	2402.4096	2421.6304	---	---
	Ant2	2412	19.341	2402.3297	2421.6703	---	---
	Ant3	2412	19.181	2402.4096	2421.5904	---	---
	Ant4	2412	19.261	2402.4096	2421.6703	---	---
	Ant1	2417	19.301	2407.3696	2426.6703	---	---
	Ant2	2417	19.301	2407.3696	2426.6703	---	---
	Ant3	2417	19.461	2407.2897	2426.7502	---	---
	Ant4	2417	18.901	2407.8092	2426.7103	---	---
	Ant1	2437	19.381	2427.3297	2446.7103	---	---
	Ant2	2437	19.301	2427.3696	2446.6703	---	---
	Ant3	2437	19.301	2427.3696	2446.6703	---	---
	Ant4	2437	19.341	2427.3297	2446.6703	---	---
	Ant1	2457	19.421	2447.2897	2466.7103	---	---
	Ant2	2457	19.341	2447.3297	2466.6703	---	---
	Ant3	2457	19.461	2447.3297	2466.7902	---	---
	Ant4	2457	19.341	2447.3297	2466.6703	---	---
	Ant1	2462	19.301	2452.4096	2471.7103	---	---
	Ant2	2462	19.381	2452.2897	2471.6703	---	---
	Ant3	2462	19.381	2452.3297	2471.7103	---	---
	Ant4	2462	19.341	2452.3297	2471.6703	---	---
11BE40MIMO	Ant1	2422	38.442	2402.8192	2441.2607	---	---
	Ant2	2422	38.362	2402.8991	2441.2607	---	---
	Ant3	2422	38.442	2402.7393	2441.1808	---	---
	Ant4	2422	38.362	2402.7393	2441.1009	---	---
	Ant1	2437	38.521	2417.5794	2456.1009	---	---
	Ant2	2437	38.521	2417.7393	2456.2607	---	---
	Ant3	2437	38.761	2417.7393	2456.5005	---	---
	Ant4	2437	38.442	2417.7393	2456.1808	---	---
	Ant1	2452	38.442	2432.7393	2471.1808	---	---
	Ant2	2452	38.442	2432.8192	2471.2607	---	---
	Ant3	2452	38.601	2432.8192	2471.4206	---	---
	Ant4	2452	38.601	2432.6593	2471.2607	---	---

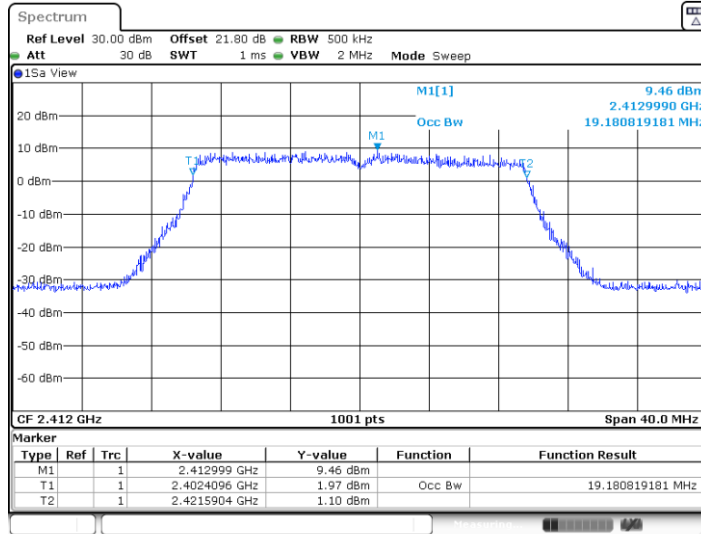


Test Graphs



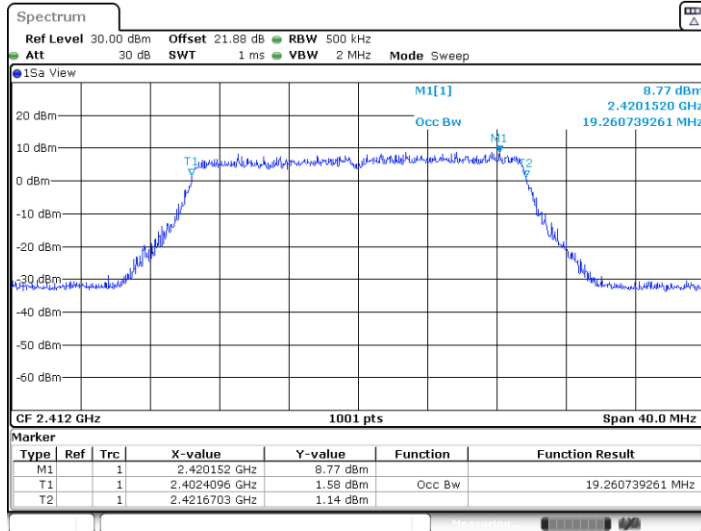


11BE20MIMO_Ant3_2412



Date: 10 JUL 2024 19:56:17

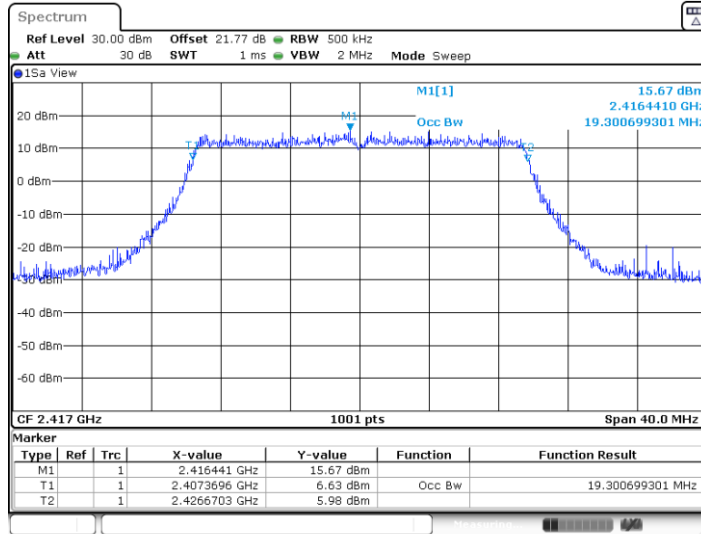
11BE20MIMO_Ant4_2412



Date: 10 JUL 2024 19:57:39

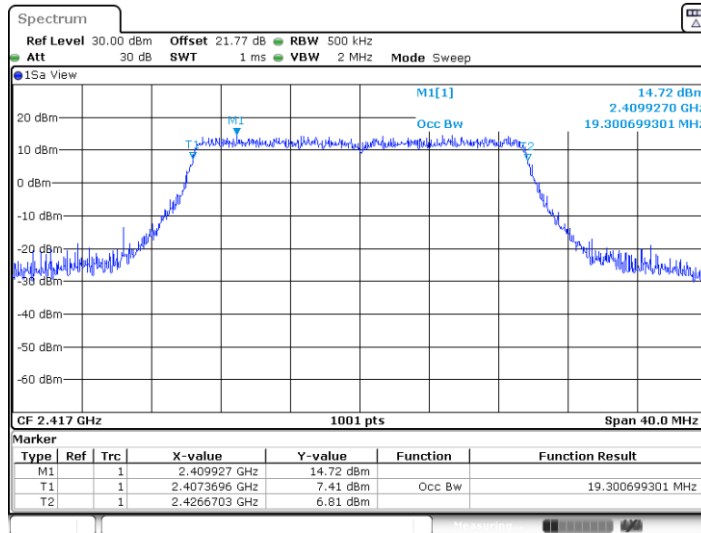


11BE20MIMO_Ant1_2417



Date: 10 JUL 2024 20:05:26

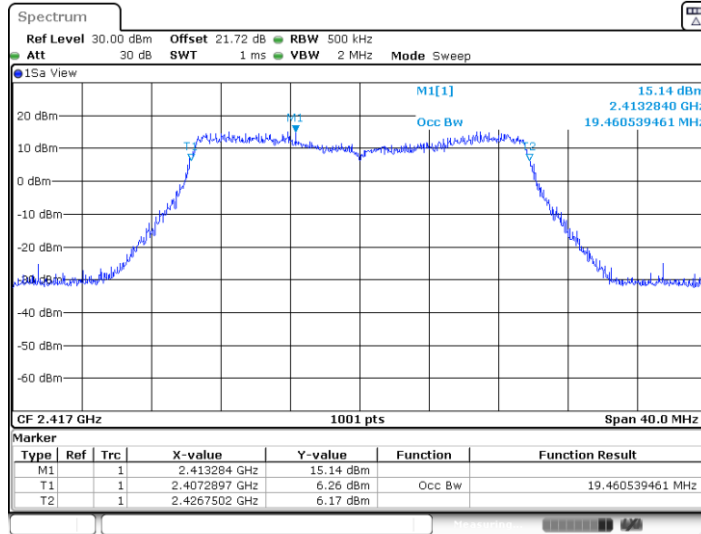
11BE20MIMO_Ant2_2417



Date: 10 JUL 2024 20:07:54

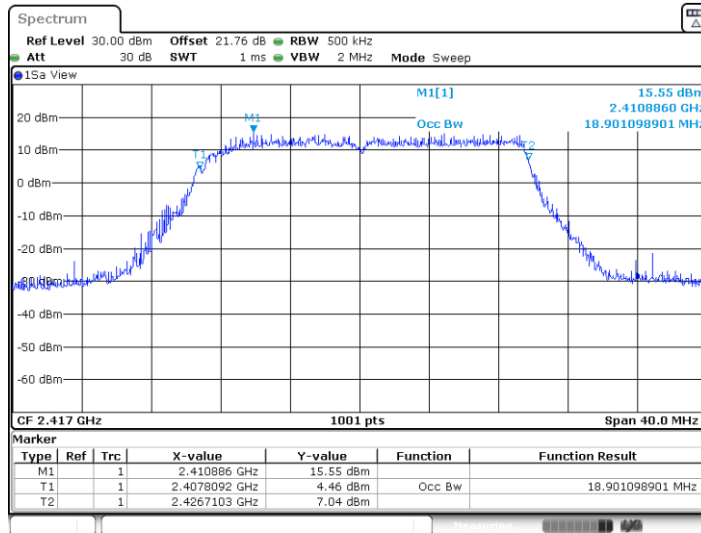


11BE20MIMO_Ant3_2417



Date: 10 JUL 2024 20:09:37

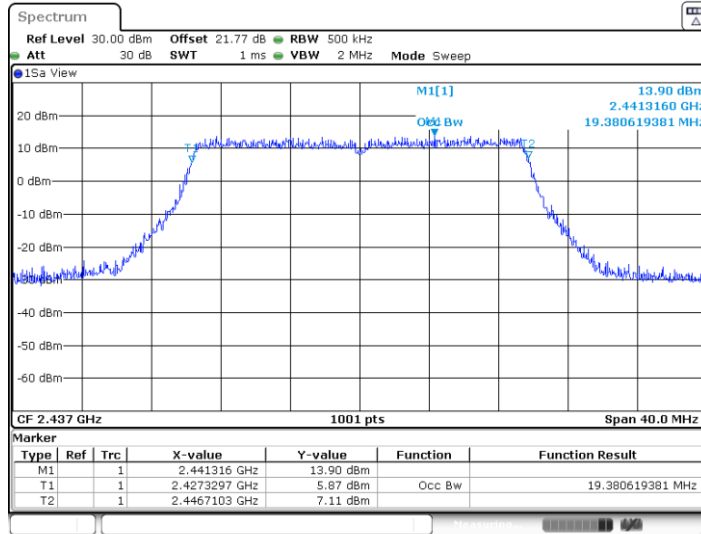
11BE20MIMO_Ant4_2417



Date: 10 JUL 2024 20:12:40

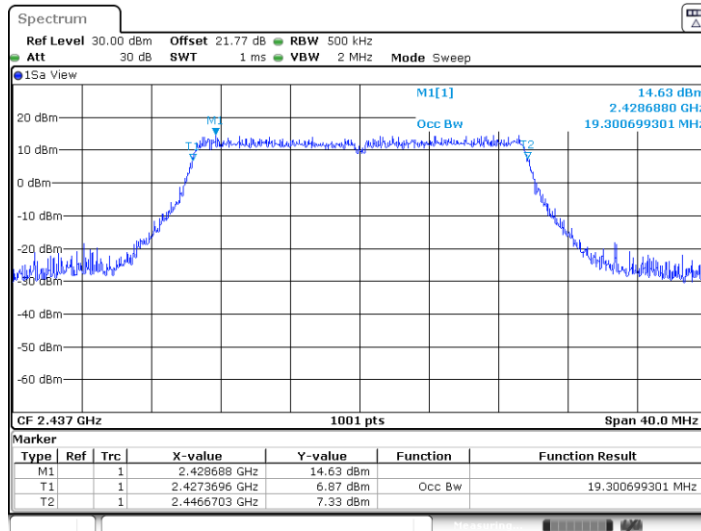


11BE20MIMO_Ant1_2437



Date: 11 JUL 2024 02:18:28

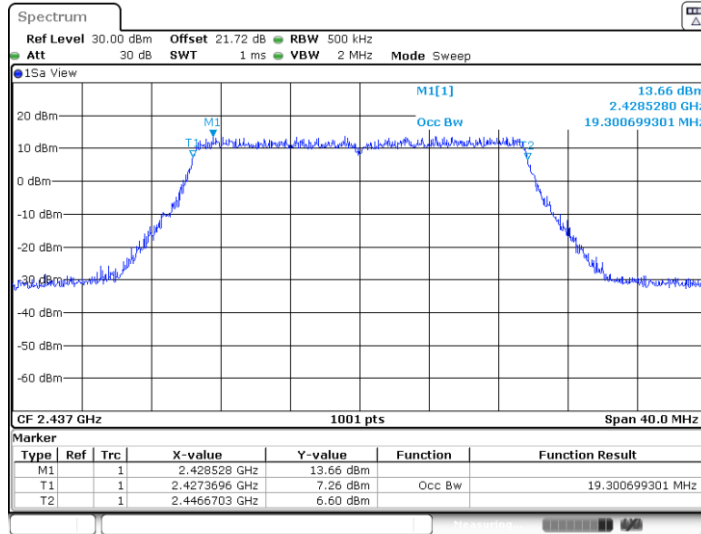
11BE20MIMO_Ant2_2437



Date: 11 JUL 2024 02:19:31

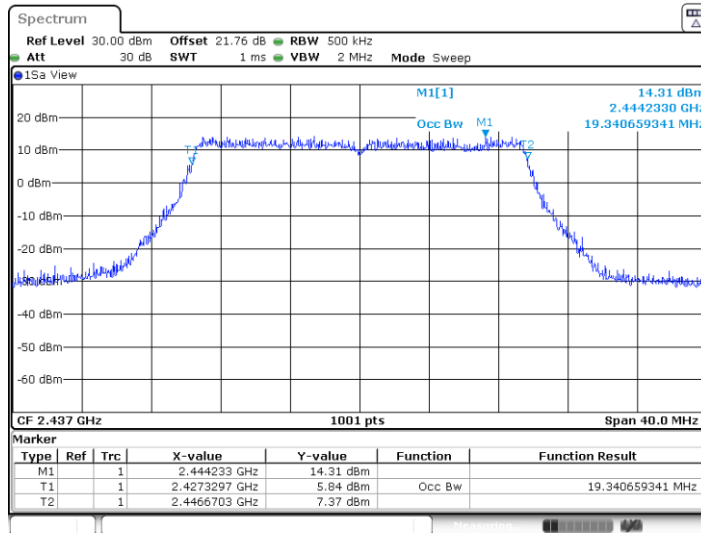


11BE20MIMO_Ant3_2437



Date: 11 JUL 2024 02:20:36

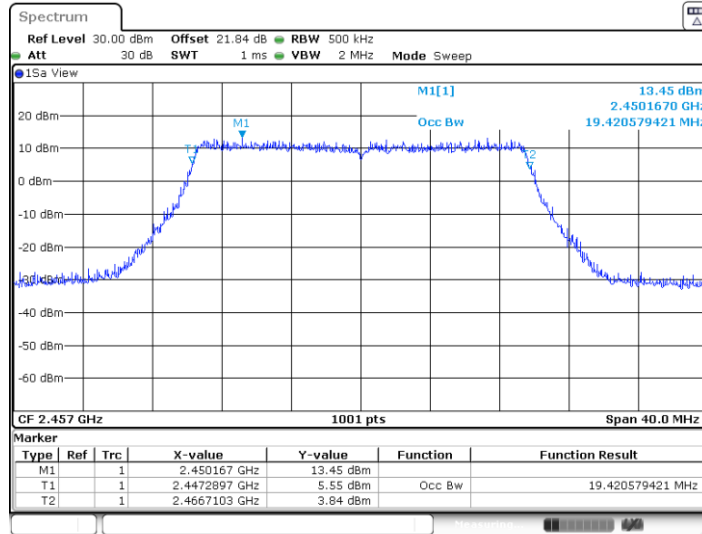
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Date: 11 JUL 2024 02:21:42

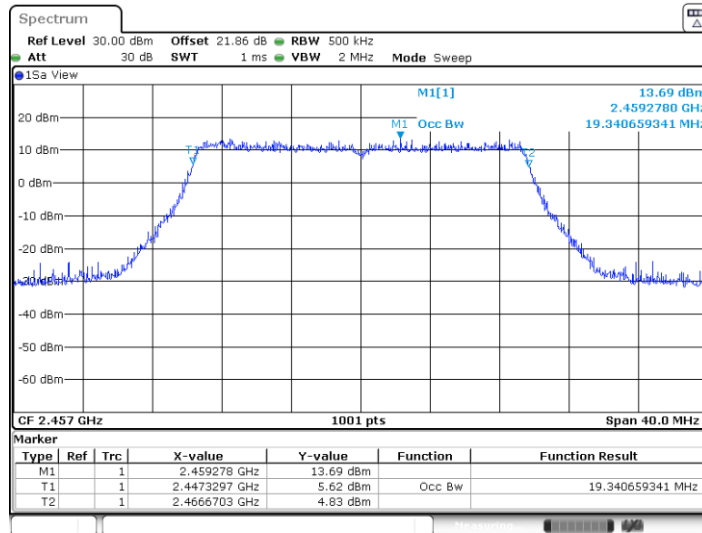


11BE20MIMO_Ant1_2457



Date: 11 JUL 2024 02:26:01

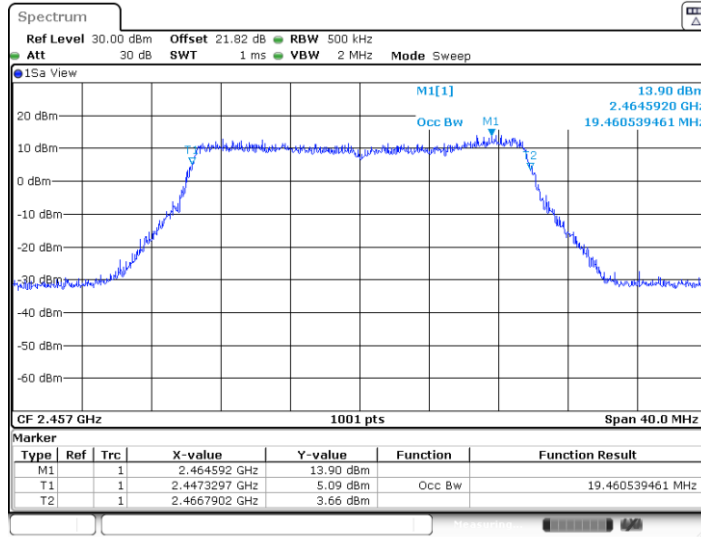
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Date: 11 JUL 2024 02:27:19

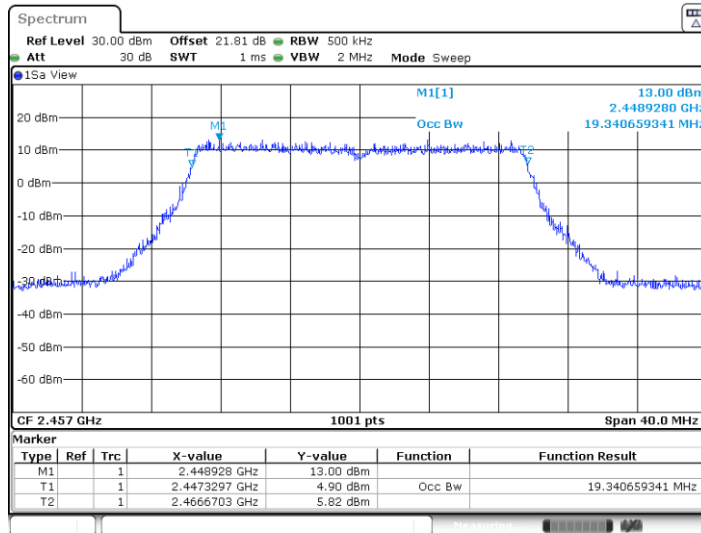


11BE20MIMO_Ant3_2457



Date: 11 JUL 2024 02:28:41

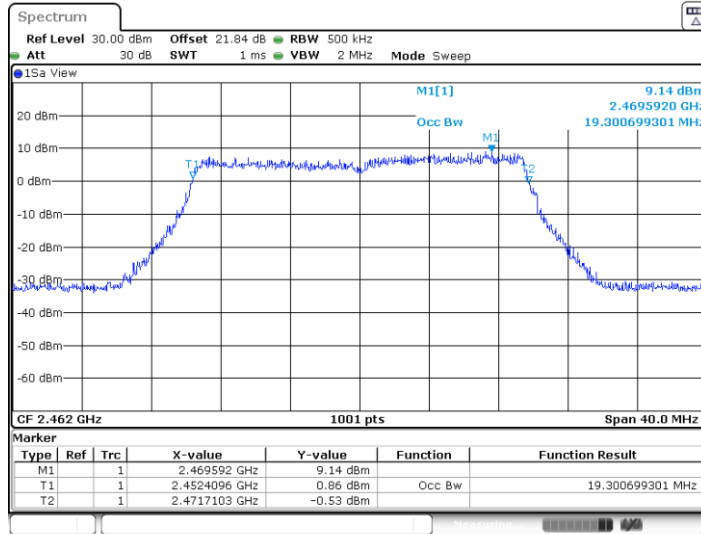
11BE20MIMO_Ant4_2457



Date: 11 JUL 2024 02:30:02

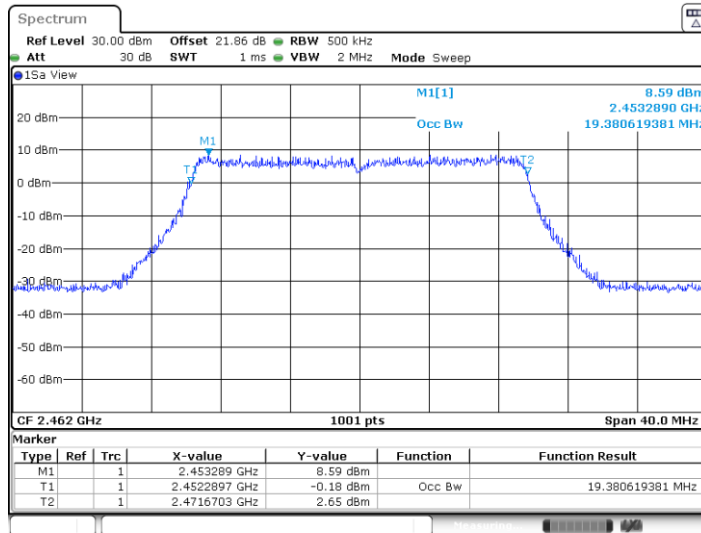


11BE20MIMO_Ant1_2462



Date: 11 JUL 2024 02:34:20

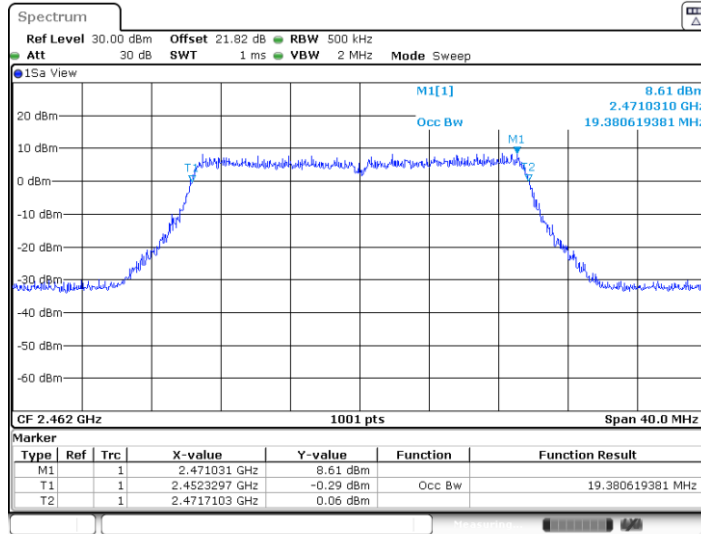
11BE20MIMO_Ant2_2462



Date: 11 JUL 2024 02:35:39

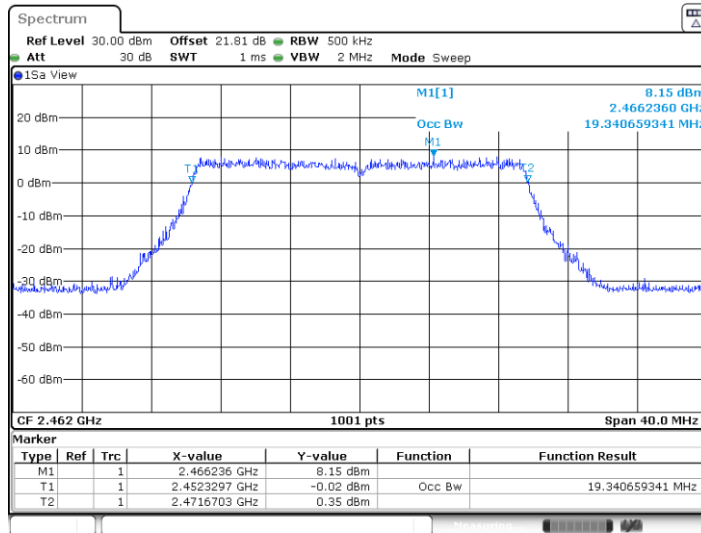


11BE20MIMO_Ant3_2462



Date: 11 JUL 2024 02:37:00

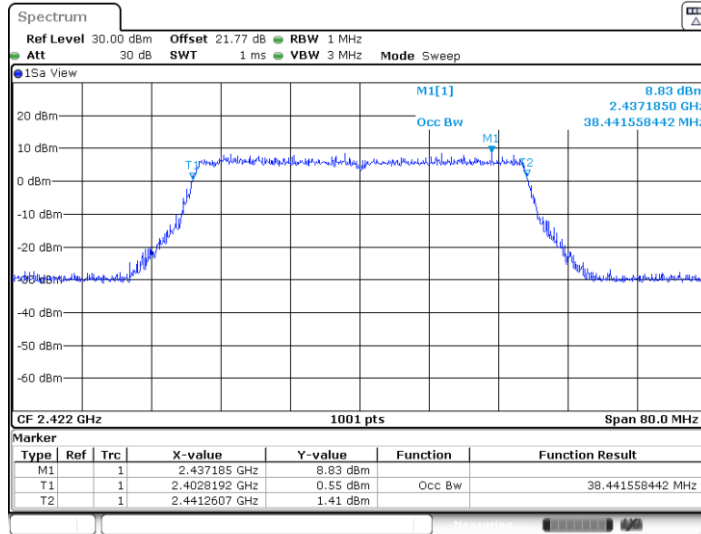
11BE20MIMO_Ant4_2462



Date: 11 JUL 2024 02:38:21

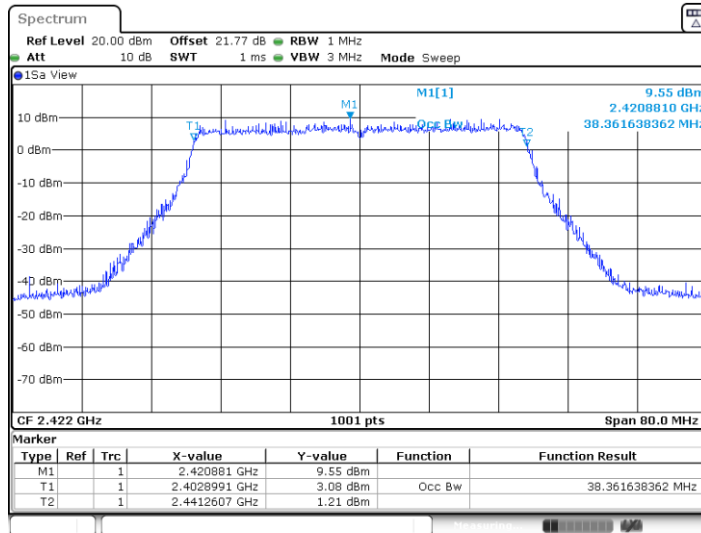


11BE40MIMO_Ant1_2422



Date: 11 JUL 2024 02:43:28

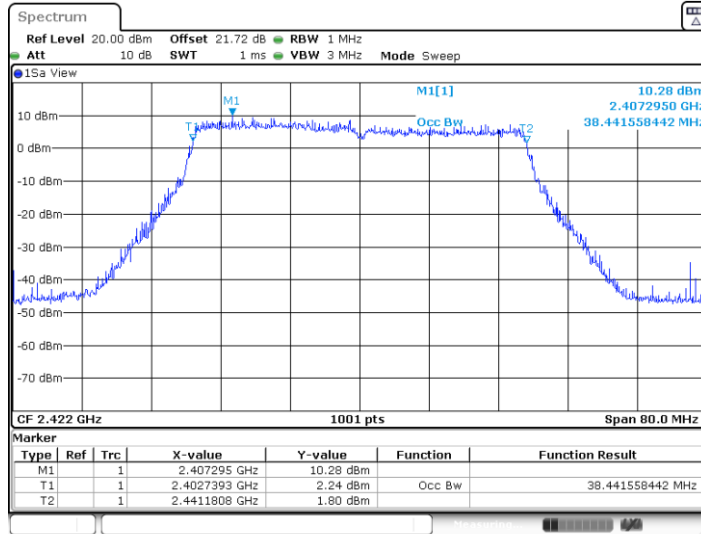
11BE40MIMO_Ant2_2422



Date: 11 JUL 2024 02:51:04

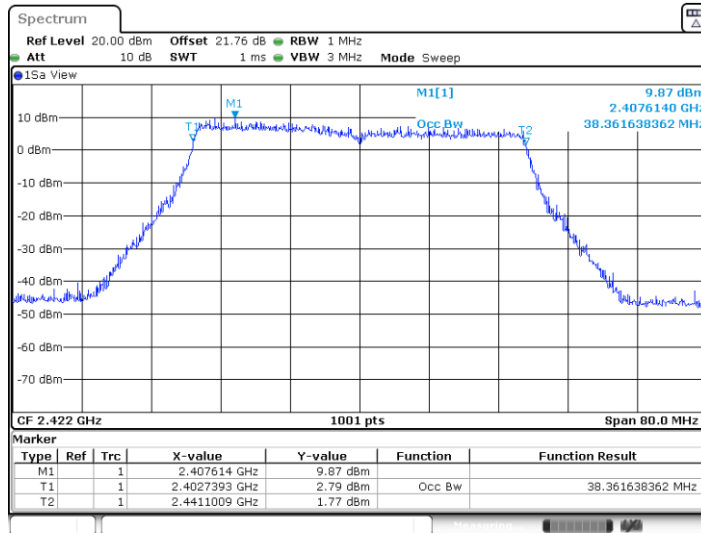


11BE40MIMO_Ant3_2422



Date: 11 JUL 2024 02:53:38

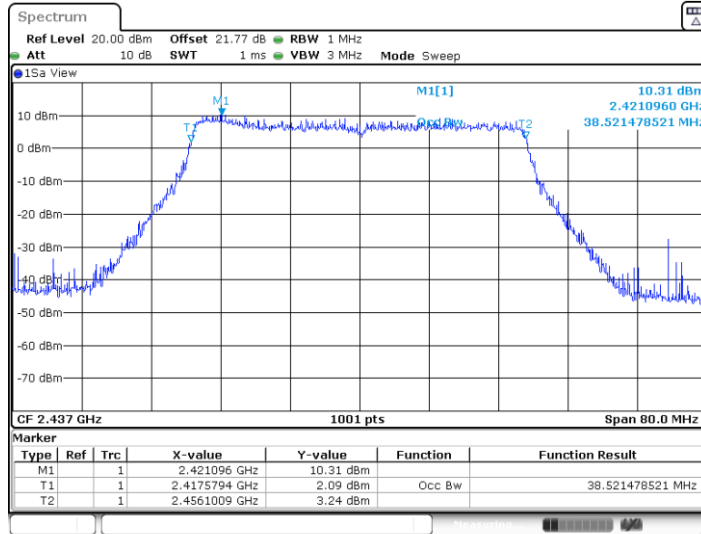
11BE40MIMO_Ant4_2422



Date: 11 JUL 2024 02:55:11

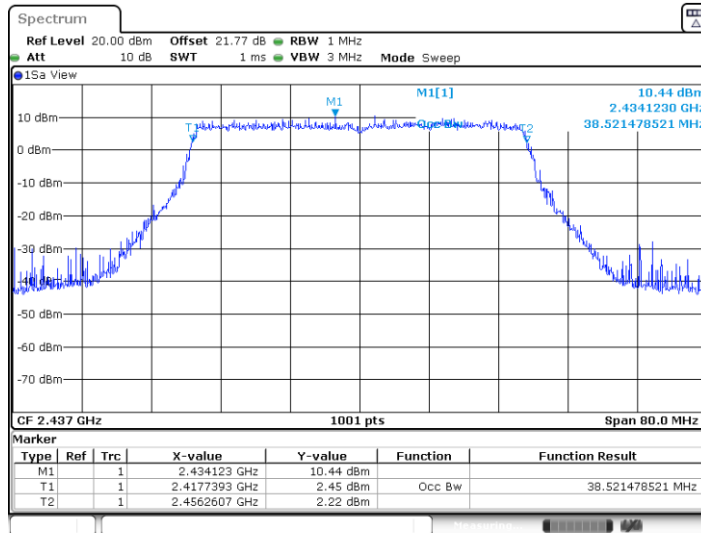


11BE40MIMO_Ant1_2437



Date: 11 JUL 2024 03:00:29

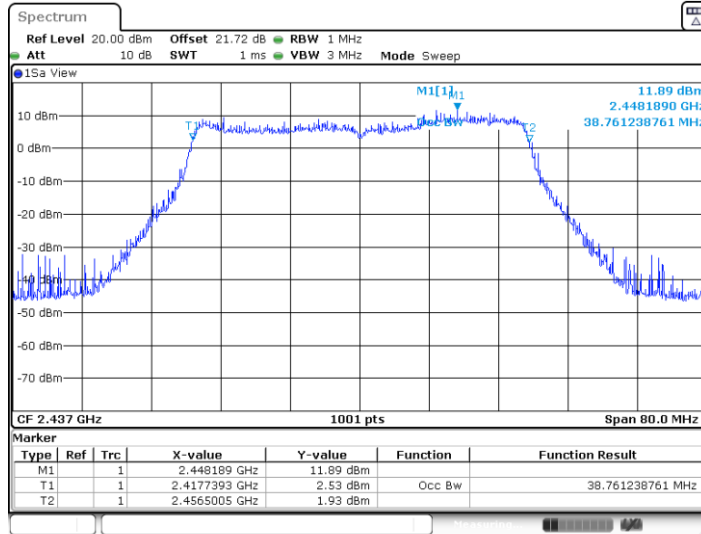
11BE40MIMO_Ant2_2437



Date: 11 JUL 2024 03:01:36

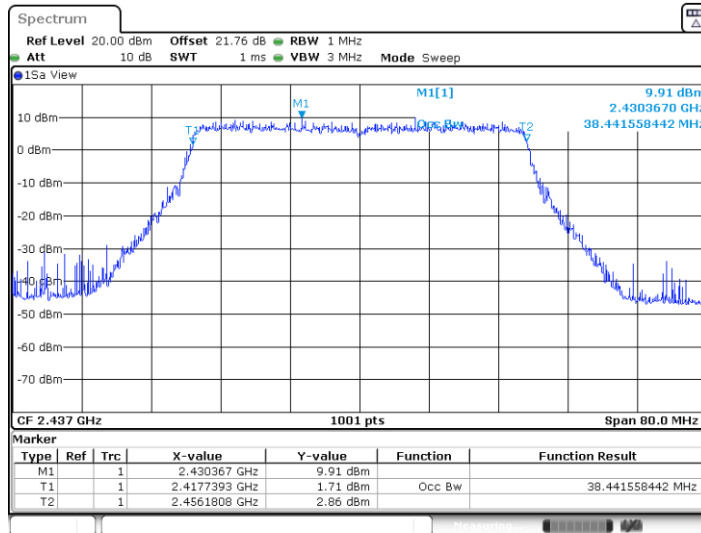


11BE40MIMO_Ant3_2437



Date: 11 JUL 2024 03:03:22

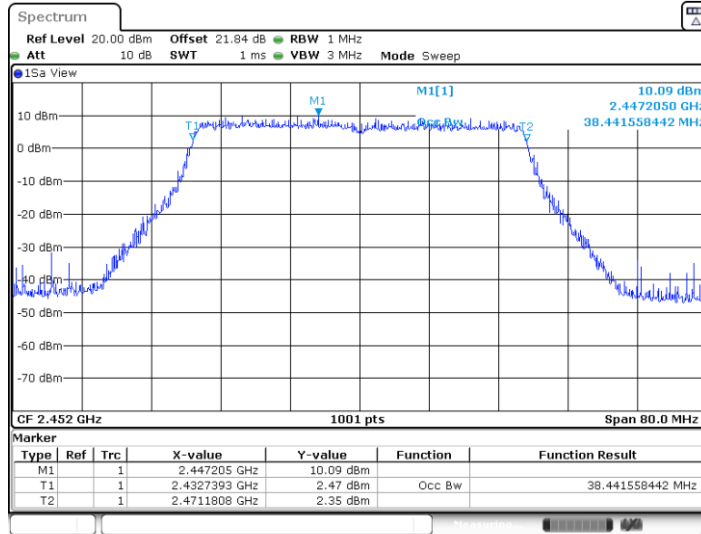
11BE40MIMO_Ant4_2437



Date: 11 JUL 2024 03:04:27

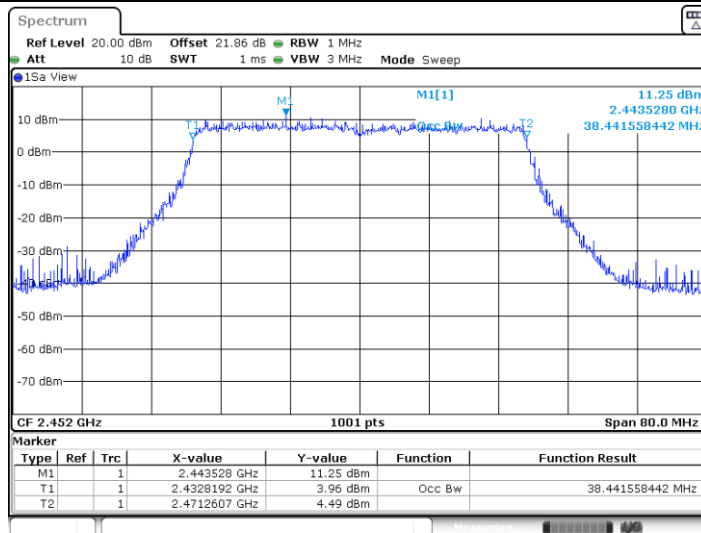


11BE40MIMO_Ant1_2452



Date: 11 JUL 2024 03:06:27

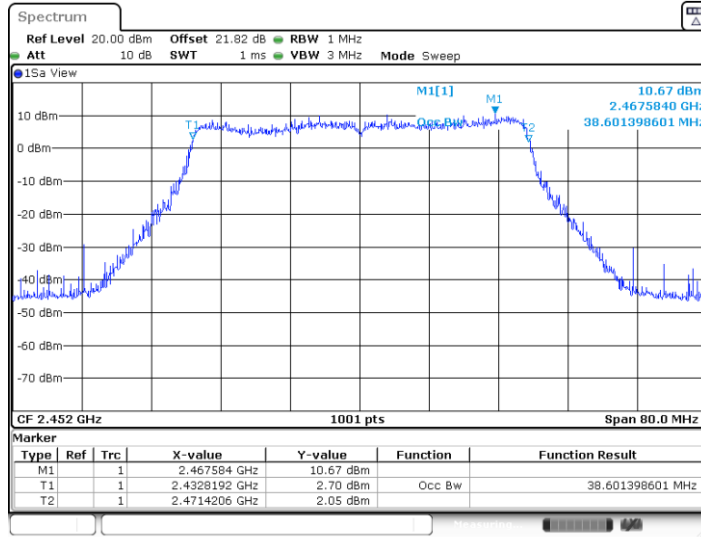
11BE40MIMO_Ant2_2452



Date: 11 JUL 2024 03:07:47

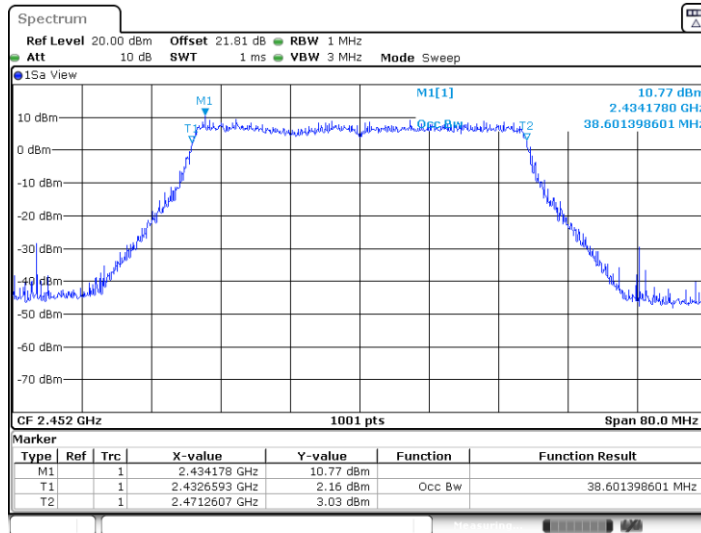


11BE40MIMO_Ant3_2452



Date: 11 JUL 2024 03:09:07

11BE40MIMO_Ant4_2452



Date: 11 JUL 2024 03:11:04



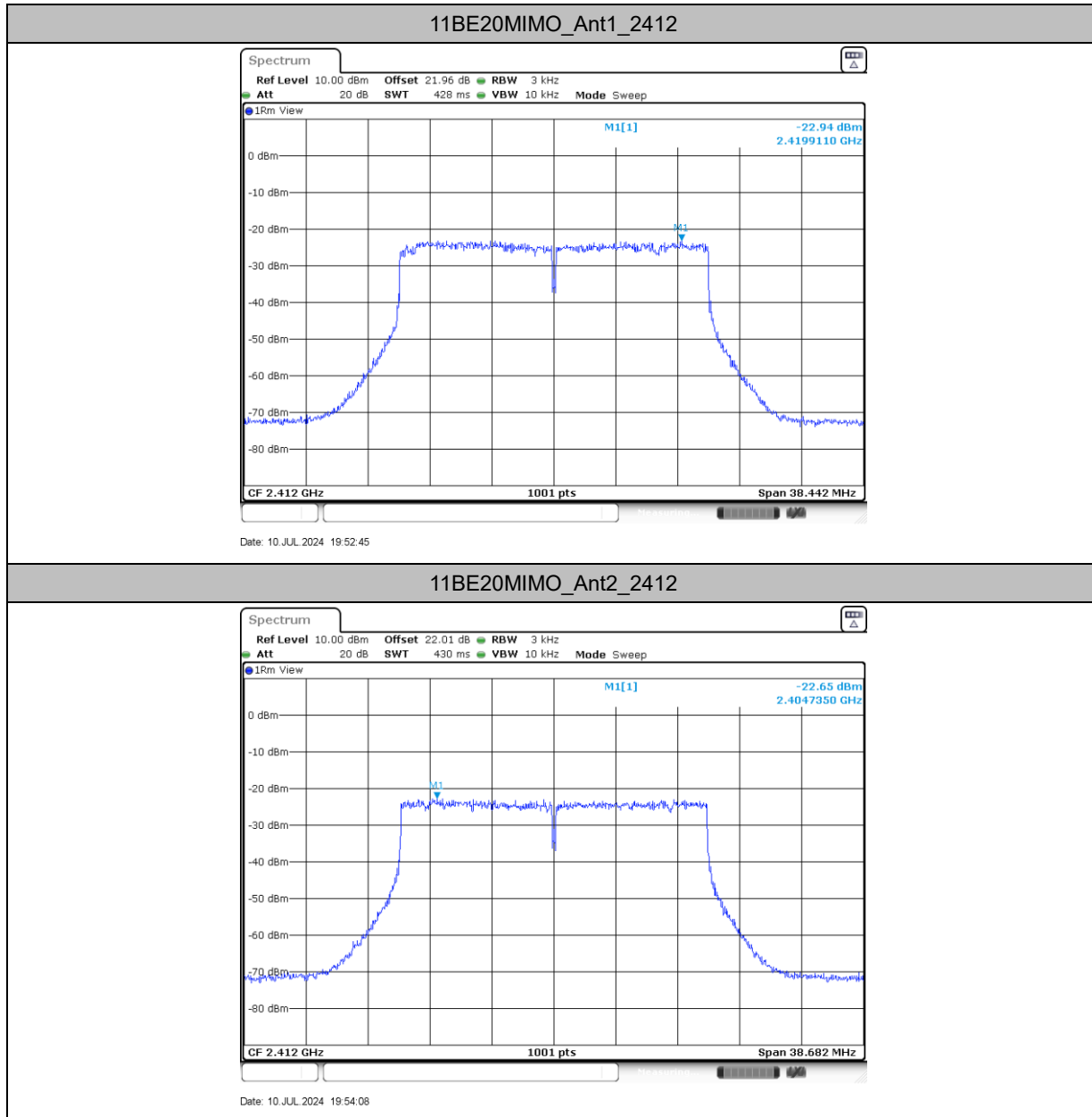
Maximum power spectral density

Test Result

TestMode	Antenna	Freq(MHz)	Result [dBm/3kHz]	Limit [dBm/3kHz]	Verdict
11BE20MIMO	Ant1	2412	-22.94	≤8.00	PASS
	Ant2	2412	-22.65	≤8.00	PASS
	Ant3	2412	-22.88	≤8.00	PASS
	Ant4	2412	-22.36	≤8.00	PASS
	total	2412	-16.68	≤8.00	PASS
	Ant1	2417	-17.28	≤8.00	PASS
	Ant2	2417	-16.96	≤8.00	PASS
	Ant3	2417	-17.29	≤8.00	PASS
	Ant4	2417	-17.93	≤8.00	PASS
	total	2417	-11.33	≤8.00	PASS
	Ant1	2437	-17.89	≤8.00	PASS
	Ant2	2437	-17.23	≤8.00	PASS
	Ant3	2437	-17.36	≤8.00	PASS
	Ant4	2437	-17.63	≤8.00	PASS
	total	2437	-11.50	≤8.00	PASS
	Ant1	2457	-18.7	≤8.00	PASS
	Ant2	2457	-18.21	≤8.00	PASS
	Ant3	2457	-17.56	≤8.00	PASS
	Ant4	2457	-18.74	≤8.00	PASS
	total	2457	-12.26	≤8.00	PASS
	Ant1	2462	-23.14	≤8.00	PASS
	Ant2	2462	-22.65	≤8.00	PASS
	Ant3	2462	-23.18	≤8.00	PASS
	Ant4	2462	-23.67	≤8.00	PASS
	total	2462	-17.12	≤8.00	PASS
11BE40MIMO	Ant1	2422	-26.16	≤8.00	PASS
	Ant2	2422	-25.59	≤8.00	PASS
	Ant3	2422	-25.97	≤8.00	PASS
	Ant4	2422	-25.23	≤8.00	PASS
	total	2422	-19.70	≤8.00	PASS
	Ant1	2437	-25.3	≤8.00	PASS
	Ant2	2437	-24.63	≤8.00	PASS
	Ant3	2437	-24.83	≤8.00	PASS
	Ant4	2437	-25.56	≤8.00	PASS
	total	2437	-19.04	≤8.00	PASS
	Ant1	2452	-24.48	≤8.00	PASS
	Ant2	2452	-24.37	≤8.00	PASS
	Ant3	2452	-24.8	≤8.00	PASS
	Ant4	2452	-25.24	≤8.00	PASS
	total	2452	-18.69	≤8.00	PASS

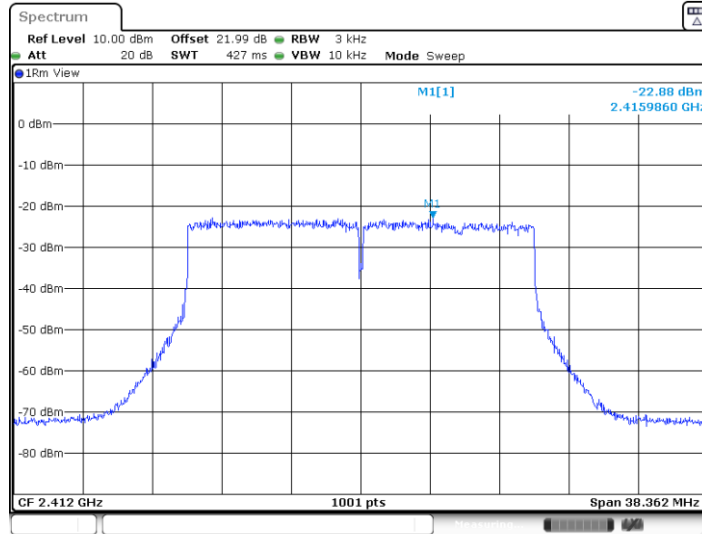


Test Graphs



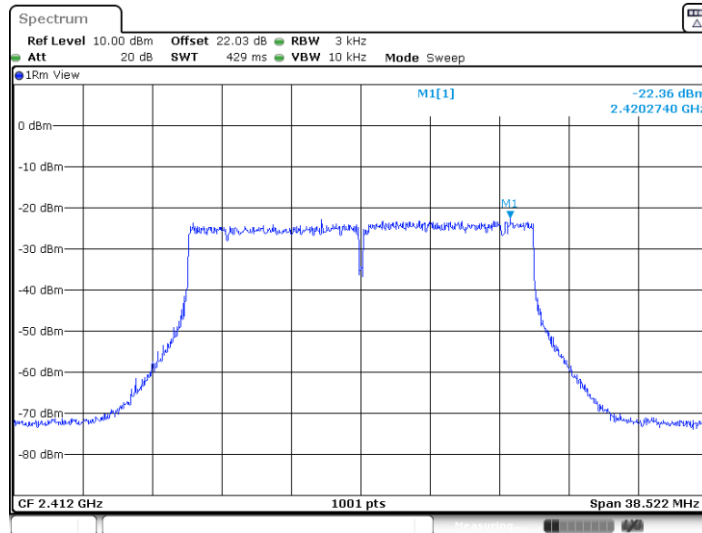


11BE20MIMO_Ant3_2412



Date: 10 JUL 2024 19:56:41

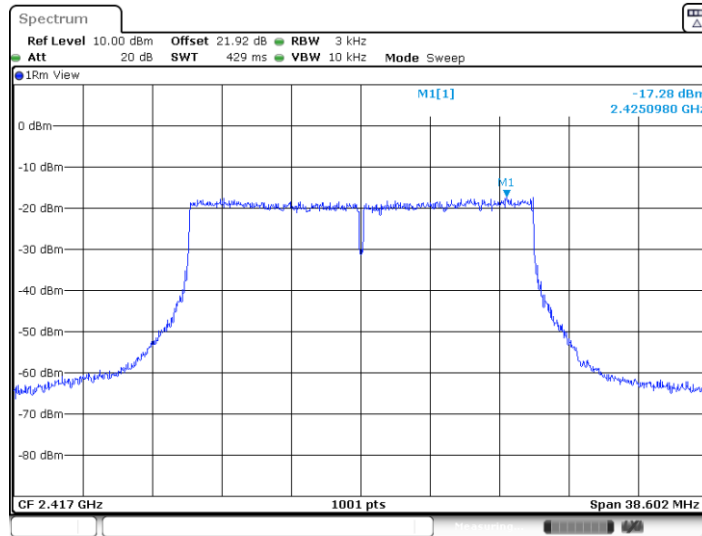
11BE20MIMO_Ant4_2412



Date: 10 JUL 2024 19:58:03

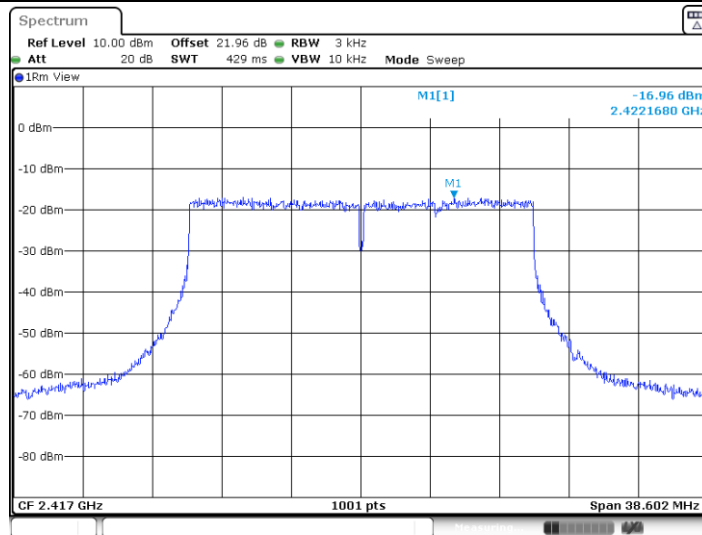


11BE20MIMO_Ant1_2417



Date: 10 JUL 2024 20:06:56

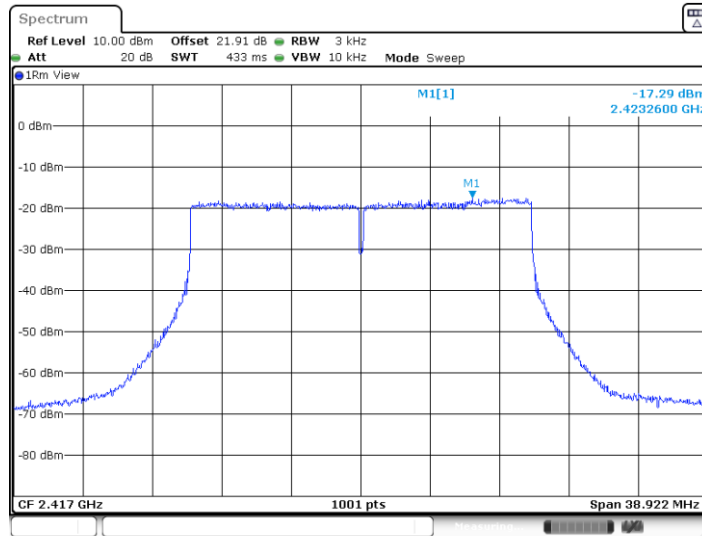
11BE20MIMO_Ant2_2417



Date: 10 JUL 2024 20:08:17

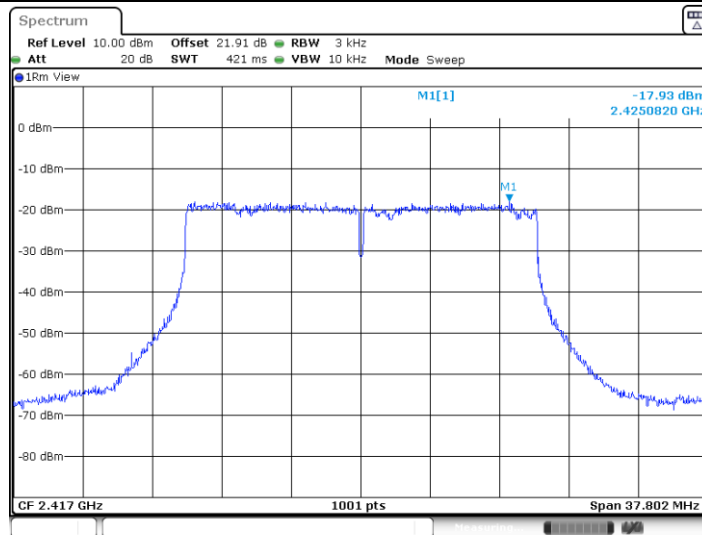


11BE20MIMO_Ant3_2417



Date: 10 JUL 2024 20:10:55

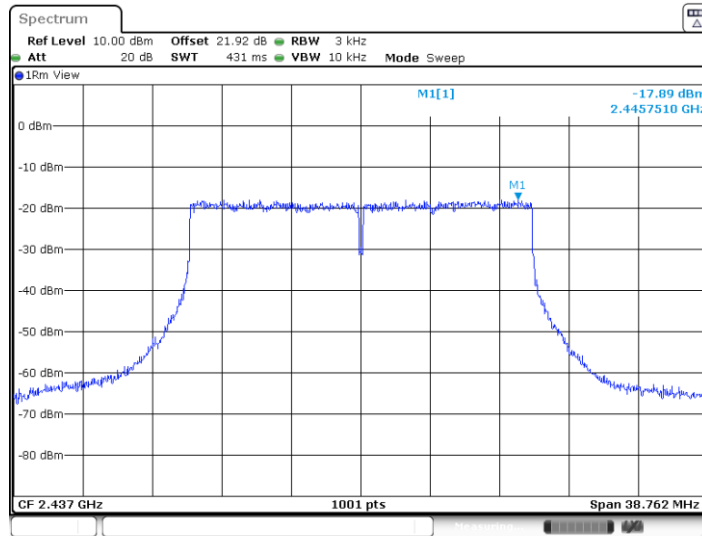
11BE20MIMO_Ant4_2417



Date: 10 JUL 2024 20:13:07

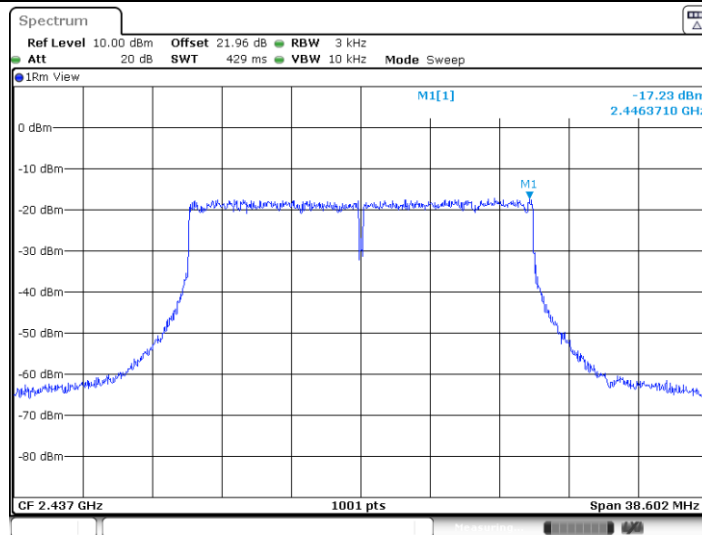


11BE20MIMO_Ant1_2437



Date: 11 JUL 2024 02:18:48

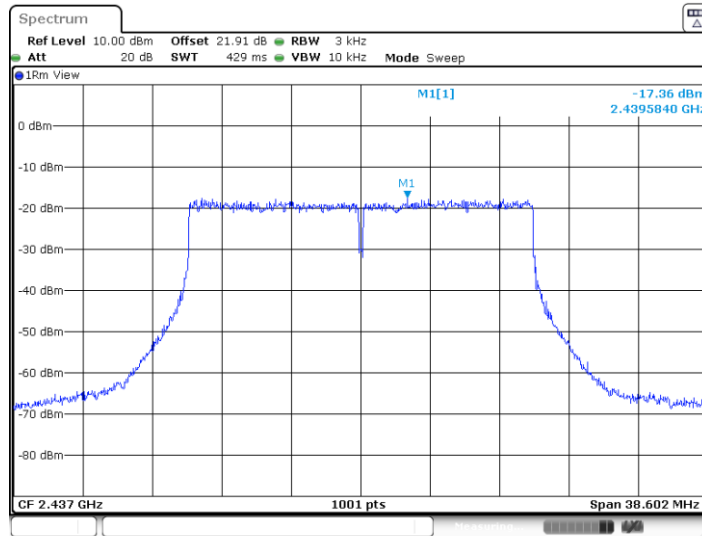
11BE20MIMO_Ant2_2437



Date: 11 JUL 2024 02:19:53

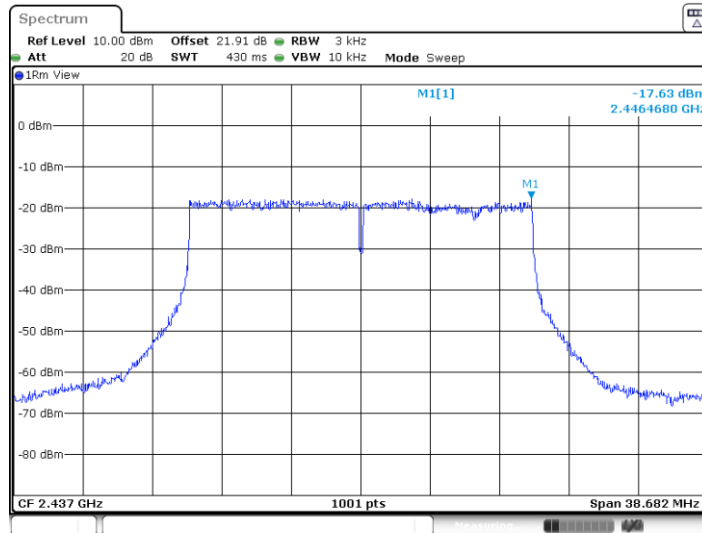


11BE20MIMO_Ant3_2437



Date: 11 JUL 2024 02:20:58

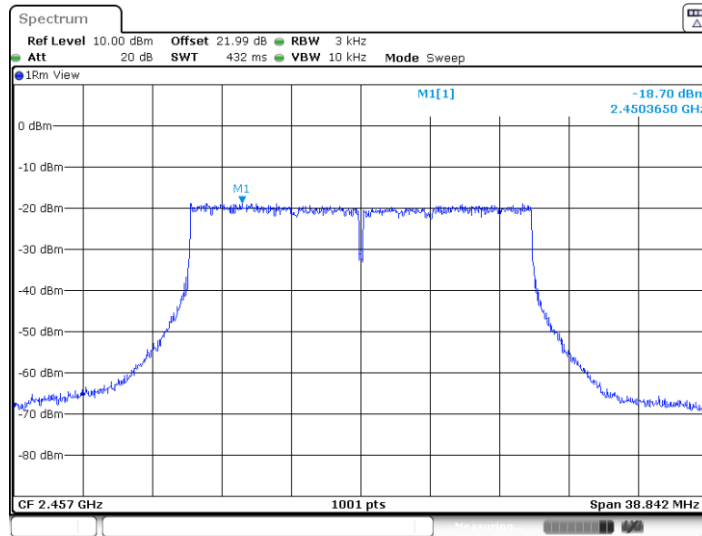
11BE20MIMO_Ant4_2437



Date: 11 JUL 2024 02:22:04

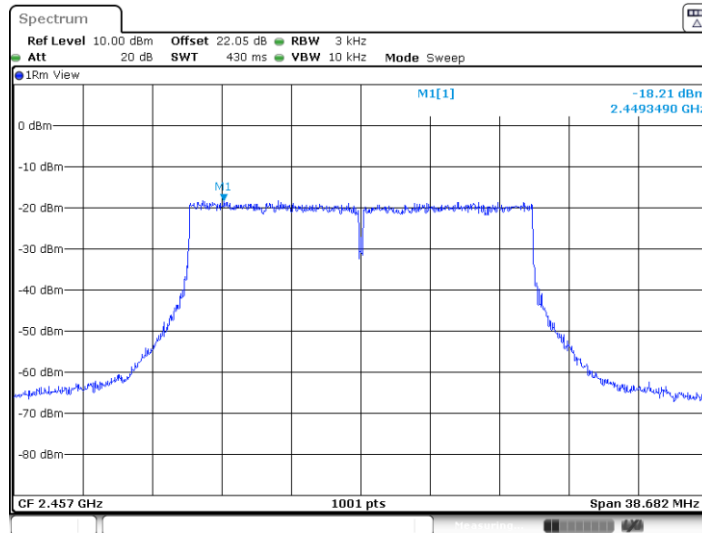


11BE20MIMO_Ant1_2457



Date: 11 JUL 2024 02:26:21

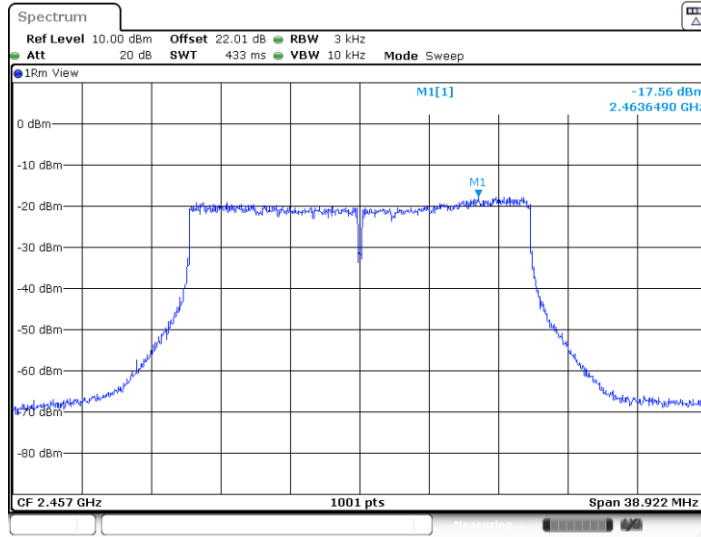
11BE20MIMO_Ant2_2457



Date: 11 JUL 2024 02:27:42

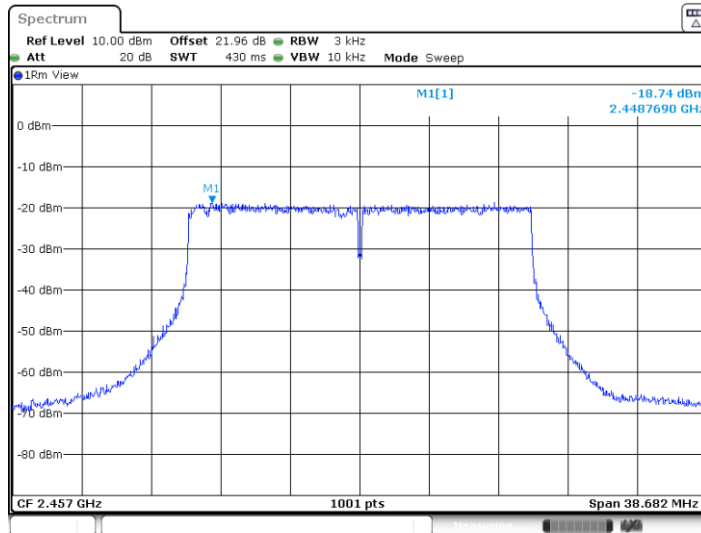


11BE20MIMO_Ant3_2457



Date: 11 JUL 2024 02:29:03

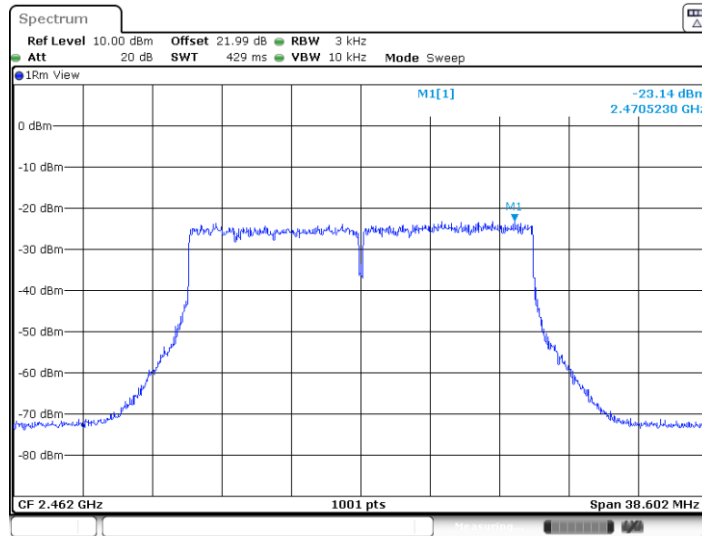
11BE20MIMO_Ant4_2457



Date: 11 JUL 2024 02:30:24

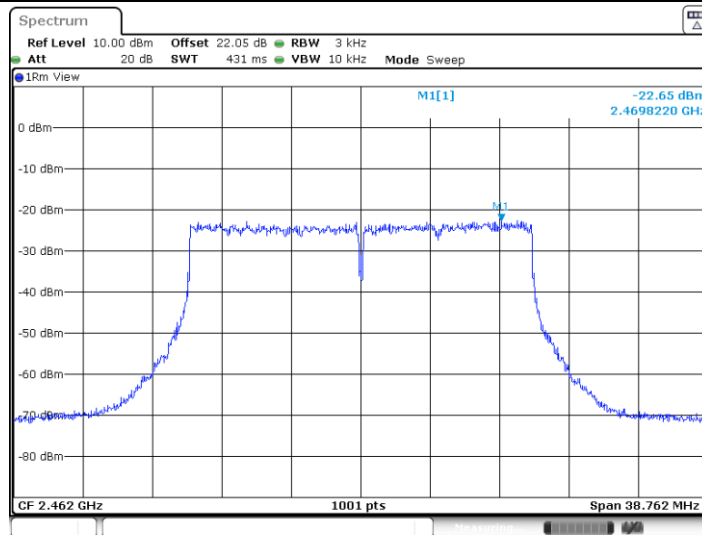


11BE20MIMO_Ant1_2462



Date: 11 JUL 2024 02:34:40

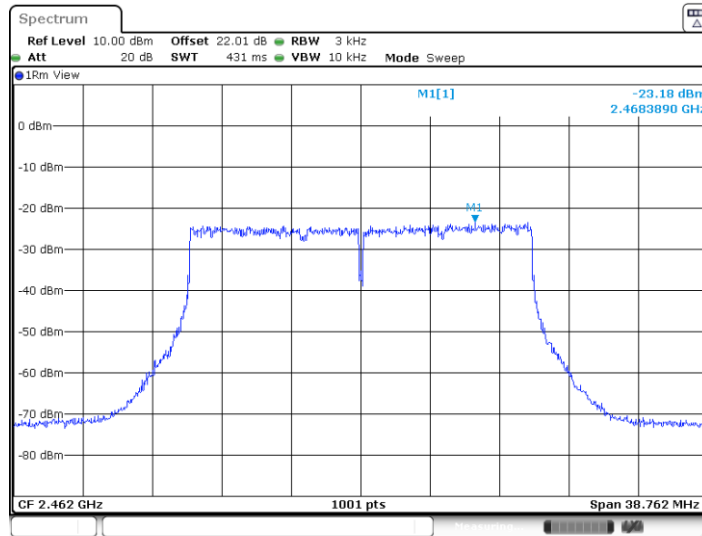
11BE20MIMO_Ant2_2462



Date: 11 JUL 2024 02:36:01

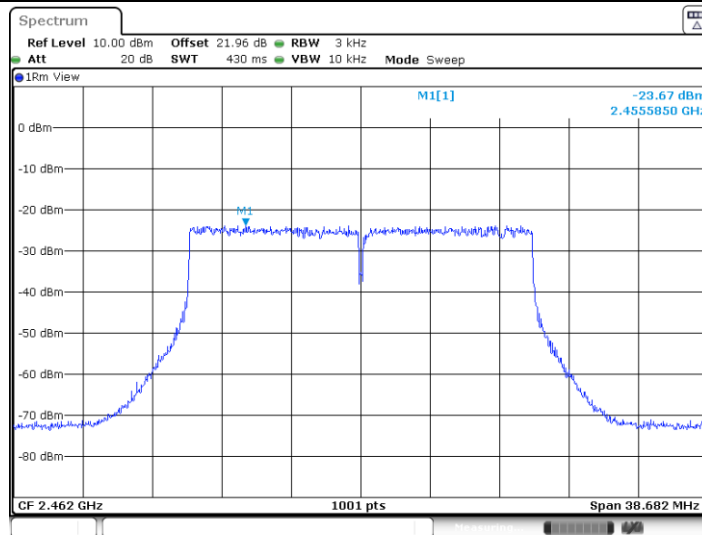


11BE20MIMO_Ant3_2462



Date: 11 JUL 2024 02:37:21

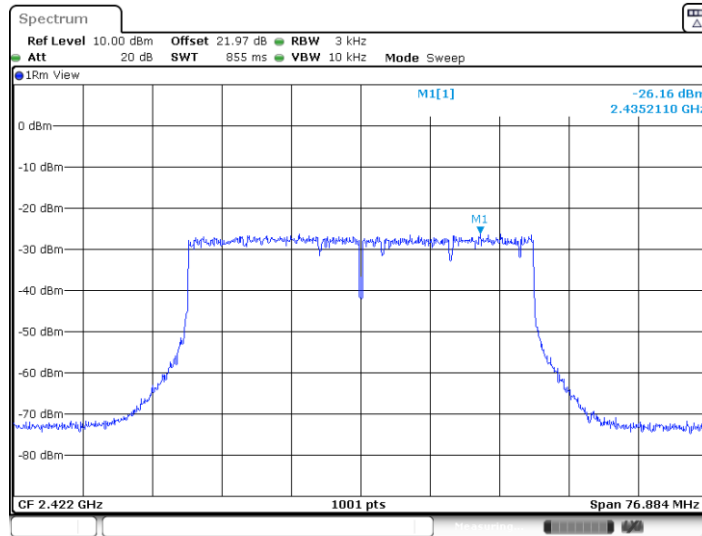
11BE20MIMO_Ant4_2462



Date: 11 JUL 2024 02:38:43

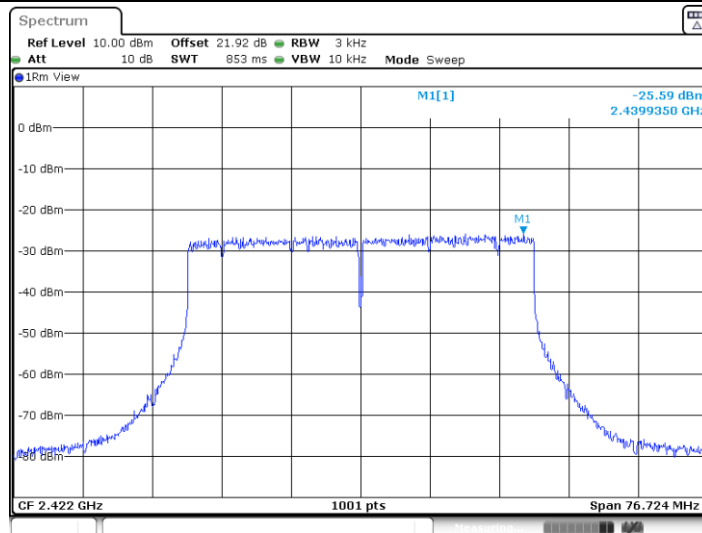


11BE40MIMO_Ant1_2422



Date: 11 JUL 2024 02:47:40

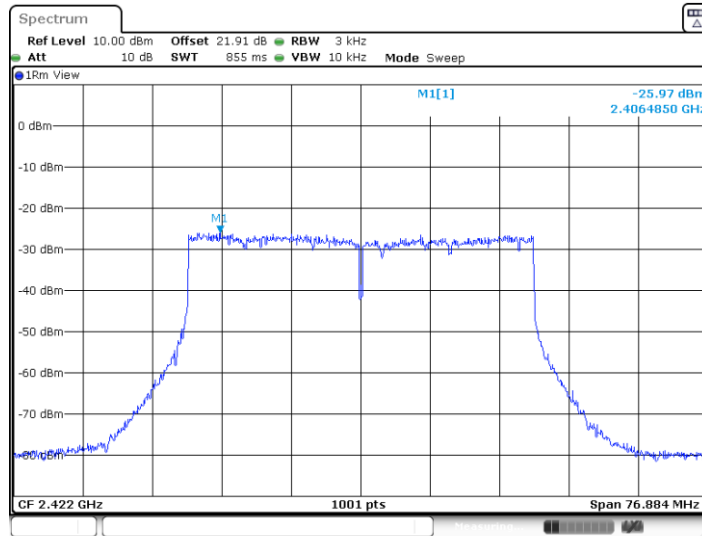
11BE40MIMO_Ant2_2422



Date: 11 JUL 2024 02:52:33

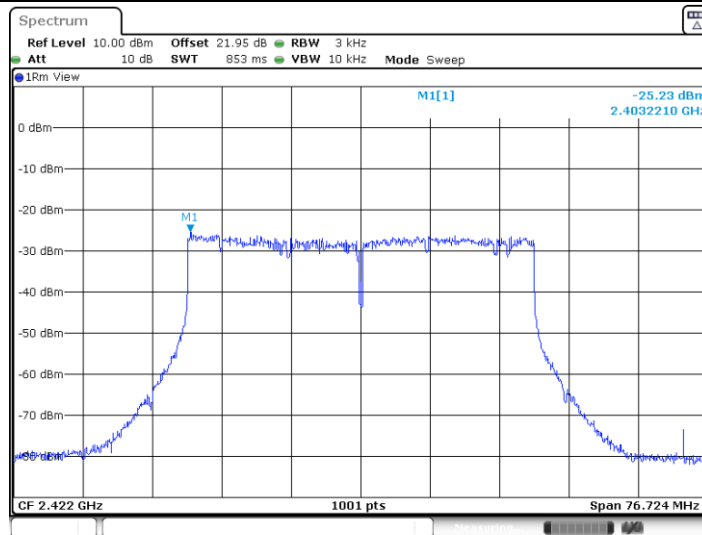


11BE40MIMO_Ant3_2422



Date: 11 JUL 2024 02:54:13

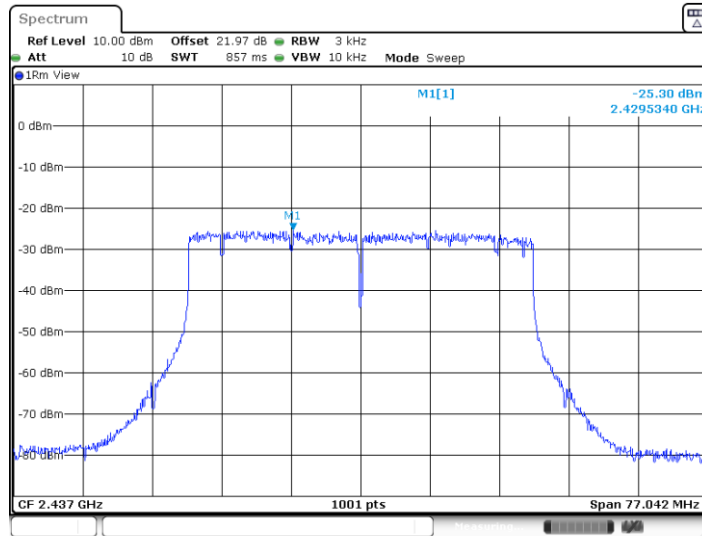
11BE40MIMO_Ant4_2422



Date: 11 JUL 2024 02:55:46

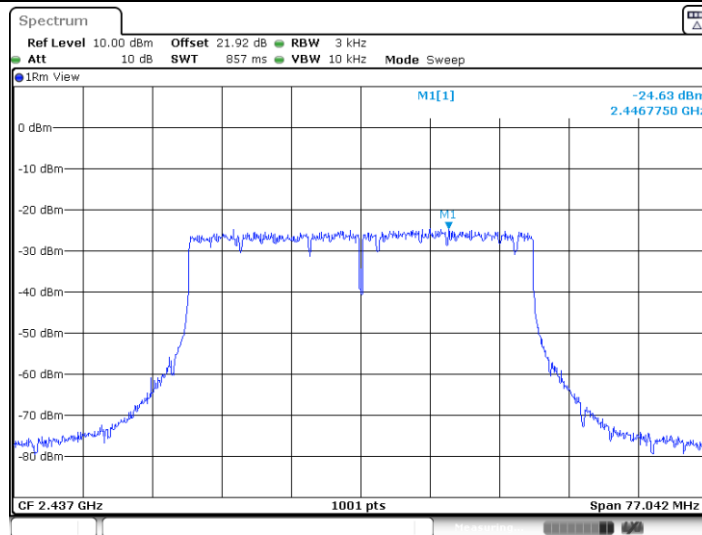


11BE40MIMO_Ant1_2437



Date: 11 JUL 2024 03:00:52

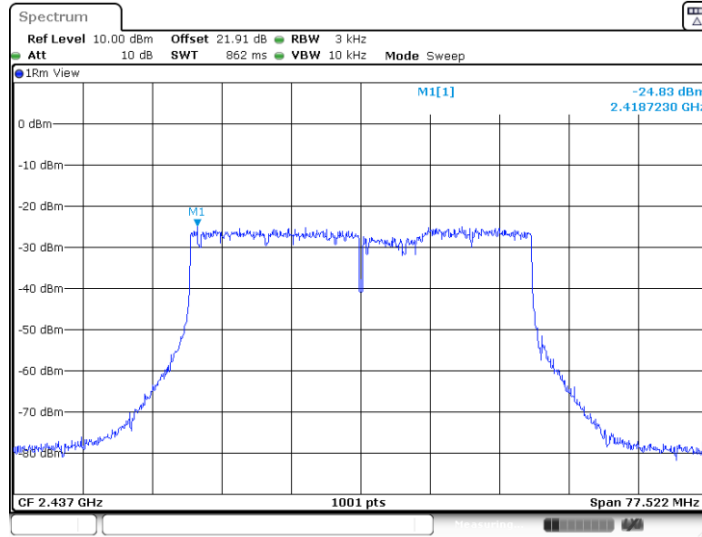
11BE40MIMO_Ant2_2437



Date: 11 JUL 2024 03:02:38

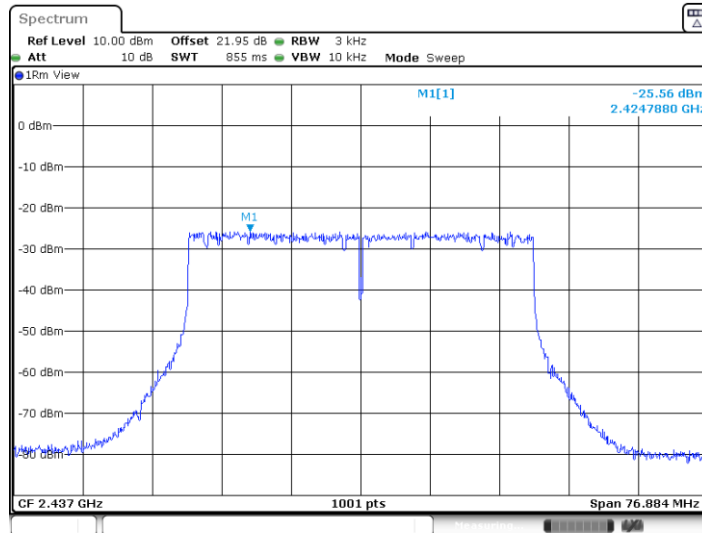


11BE40MIMO_Ant3_2437



Date: 11 JUL 2024 03:03:44

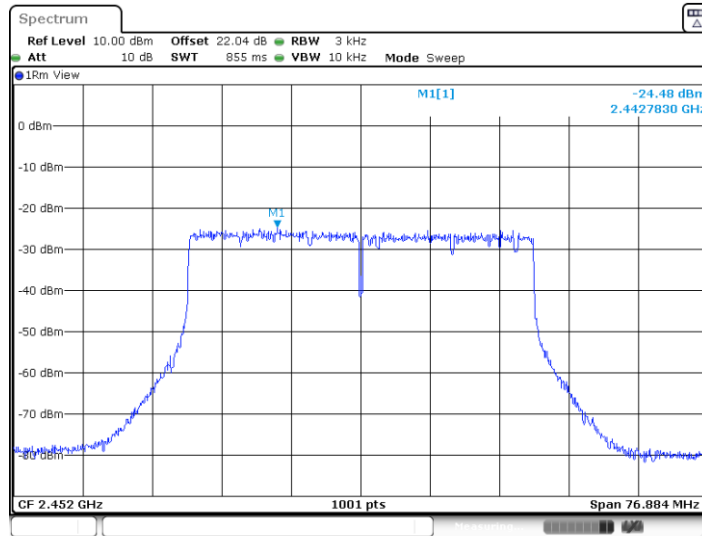
11BE40MIMO_Ant4_2437



Date: 11 JUL 2024 03:04:50

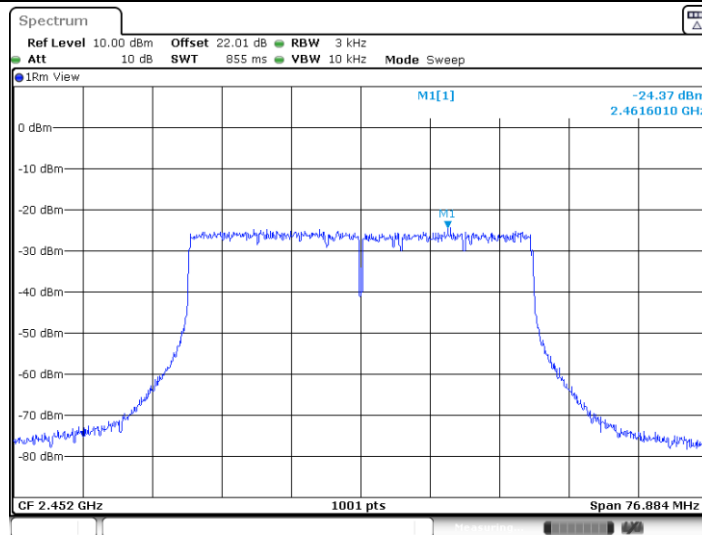


11BE40MIMO_Ant1_2452



Date: 11 JUL 2024 03:06:47

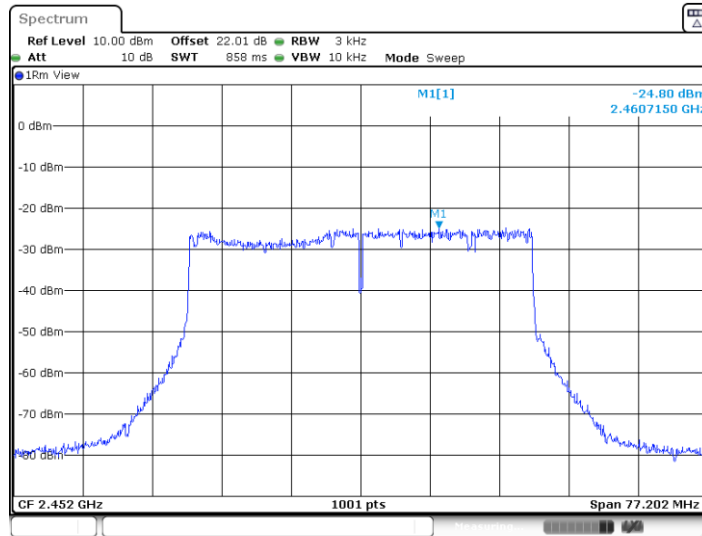
11BE40MIMO_Ant2_2452



Date: 11 JUL 2024 03:08:09

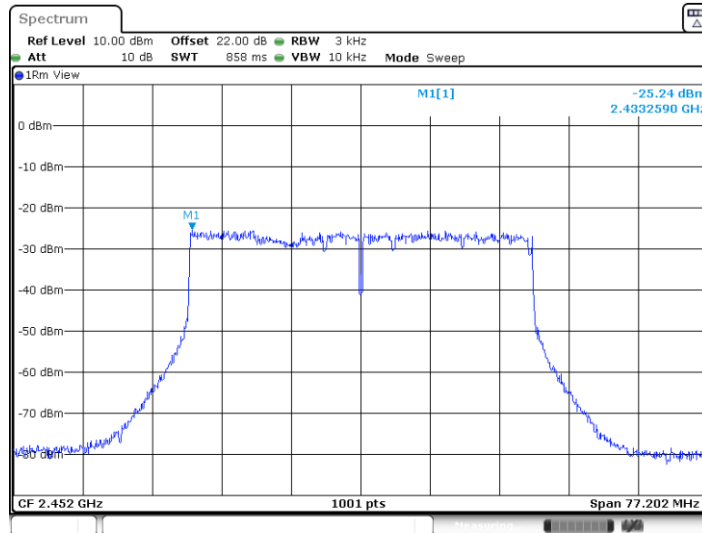


11BE40MIMO_Ant3_2452



Date: 11 JUL 2024 03:09:30

11BE40MIMO_Ant4_2452



Date: 11 JUL 2024 03:11:26



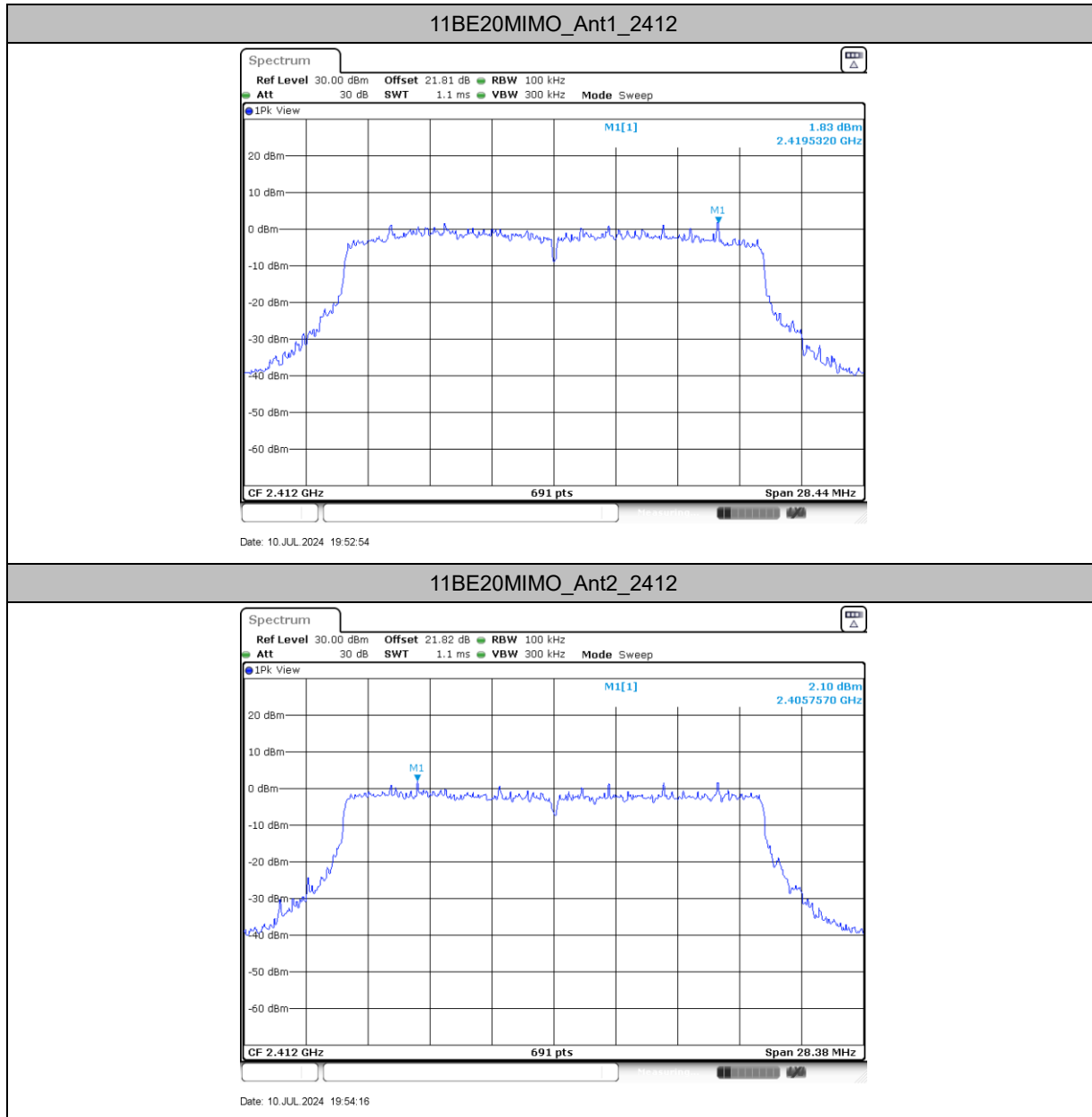
Reference level measurement

Test Result

TestMode	Antenna	Freq(MHz)	Max.Point[MHz]	Result[dBm/100KHz]
11BE20MIMO	Ant1	2412	2419.53	1.83
	Ant2	2412	2405.76	2.10
	Ant3	2412	2405.76	1.55
	Ant4	2412	2405.74	1.52
	Ant1	2417	2422.01	6.68
	Ant2	2417	2410.75	7.94
	Ant3	2417	2424.57	6.46
	Ant4	2417	2424.51	7.02
	Ant1	2437	2435.77	6.35
	Ant2	2437	2443.26	6.81
	Ant3	2437	2430.79	6.68
	Ant4	2437	2444.51	6.83
	Ant1	2457	2452.00	5.96
	Ant2	2457	2450.76	6.49
	Ant3	2457	2464.50	5.81
	Ant4	2457	2450.76	5.77
	Ant1	2462	2466.99	1.11
	Ant2	2462	2465.75	0.85
	Ant3	2462	2467.01	0.81
	Ant4	2462	2469.51	1.01
11BE40MIMO	Ant1	2422	2407.05	-1.49
	Ant2	2422	2412.57	-0.47
	Ant3	2422	2439.53	-1.27
	Ant4	2422	2406.98	-1.37
	Ant1	2437	2427.56	0.34
	Ant2	2437	2451.99	-0.20
	Ant3	2437	2451.99	-0.58
	Ant4	2437	2451.99	-0.81
	Ant1	2452	2435.73	-0.24
	Ant2	2452	2447.03	-0.09
	Ant3	2452	2443.04	0.66
	Ant4	2452	2443.04	0.96

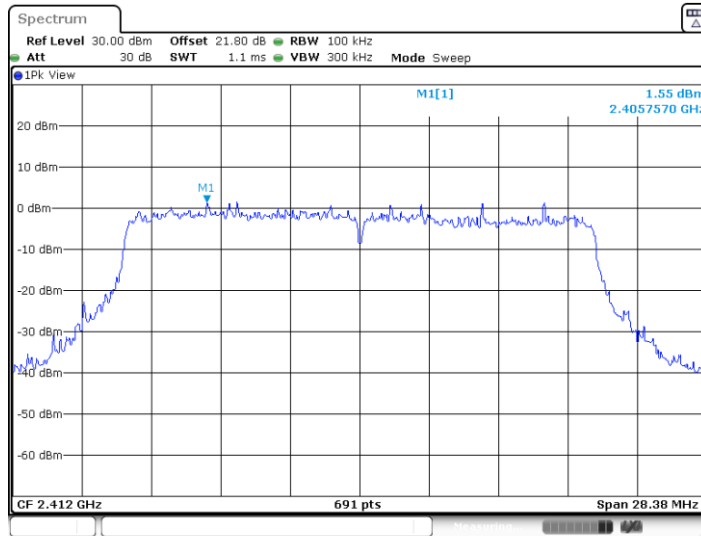


Test Graphs



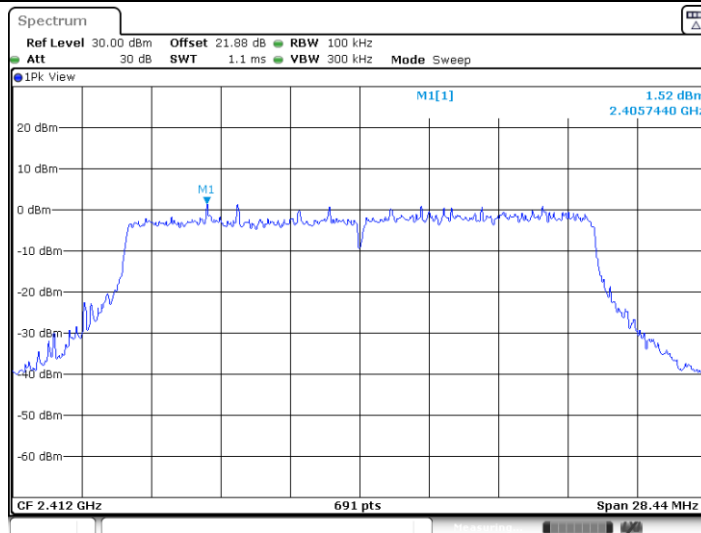


11BE20MIMO_Ant3_2412



Date: 10 JUL 2024 19:56:49

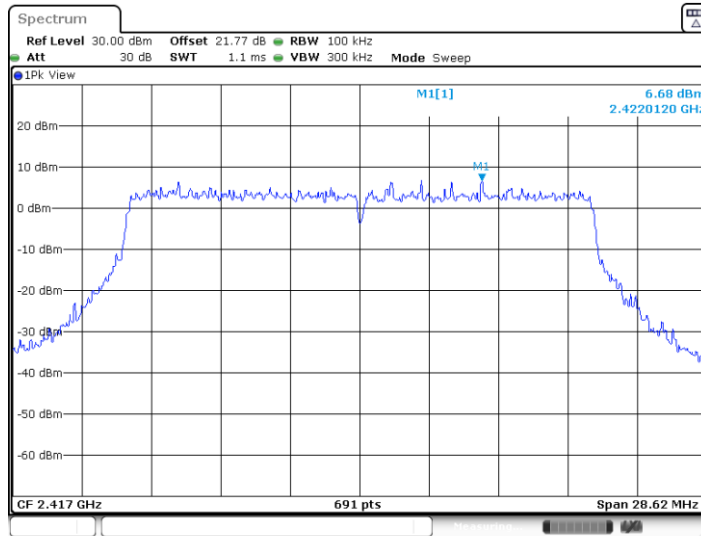
11BE20MIMO_Ant4_2412



Date: 10 JUL 2024 19:58:11

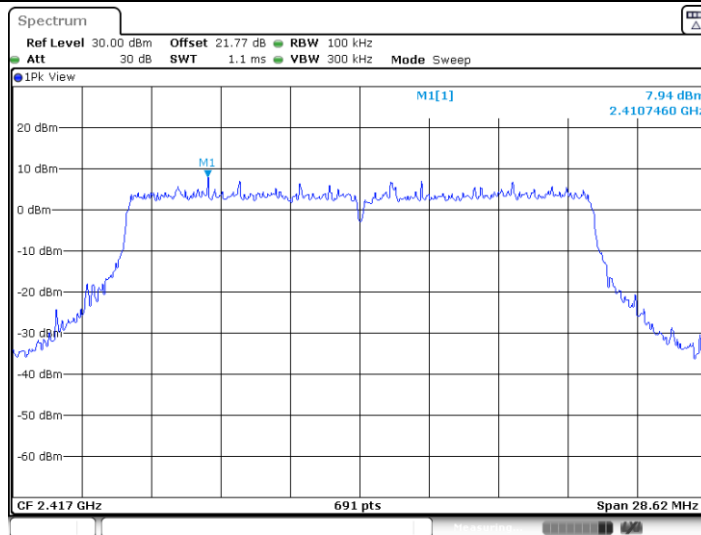


11BE20MIMO_Ant1_2417



Date: 10 JUL 2024 20:07:03

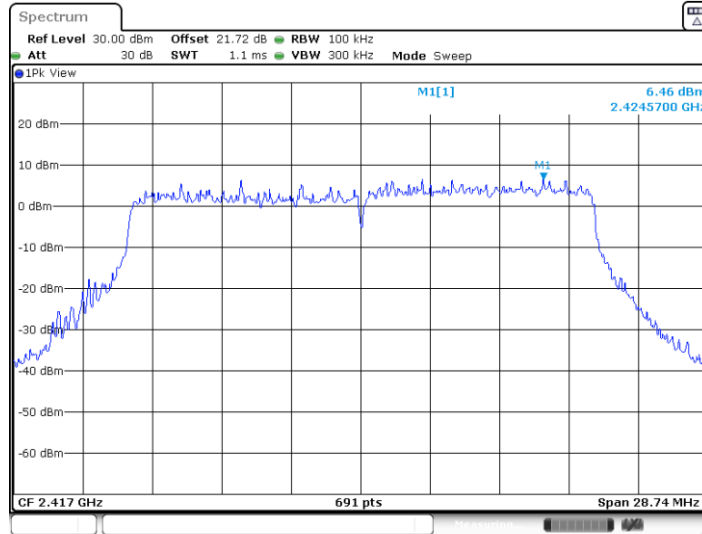
11BE20MIMO_Ant2_2417



Date: 10 JUL 2024 20:08:26

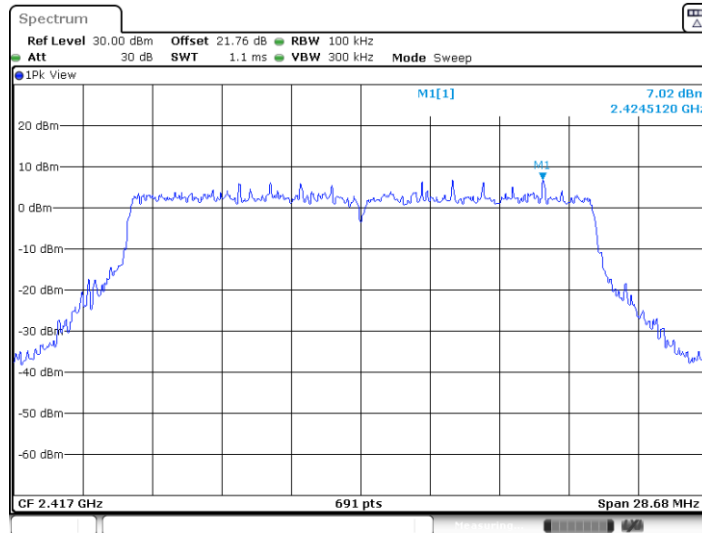


11BE20MIMO_Ant3_2417



Date: 10 JUL 2024 20:11:04

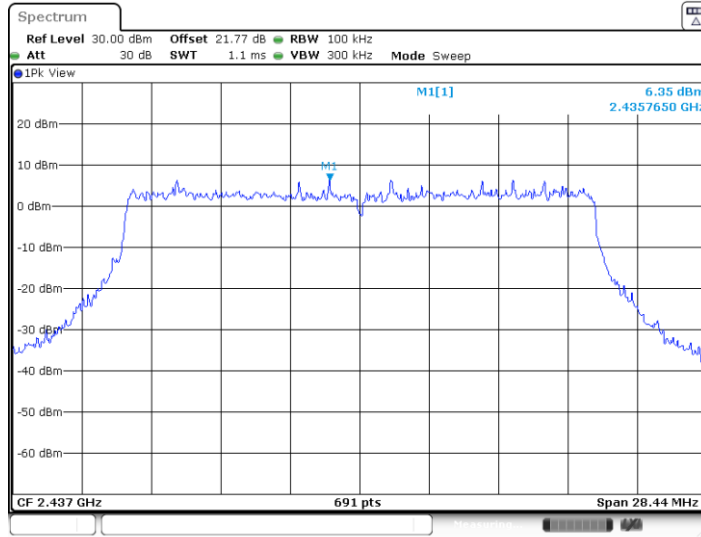
11BE20MIMO_Ant4_2417



Date: 10 JUL 2024 20:13:36

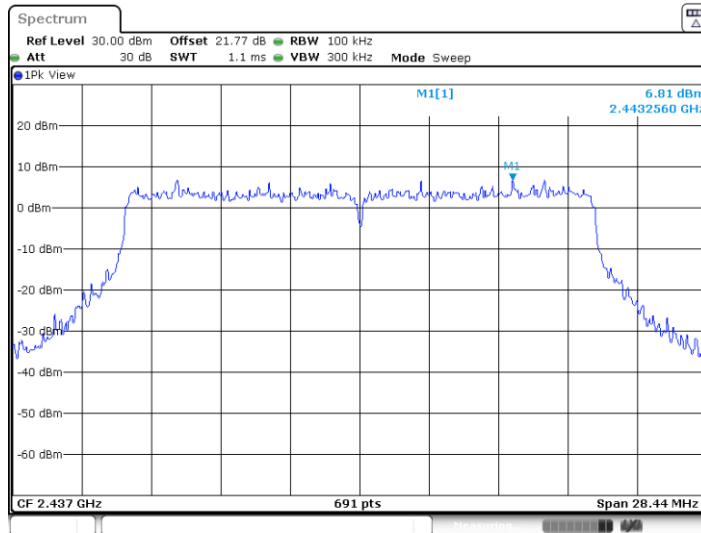


11BE20MIMO_Ant1_2437



Date: 11 JUL 2024 02:18:55

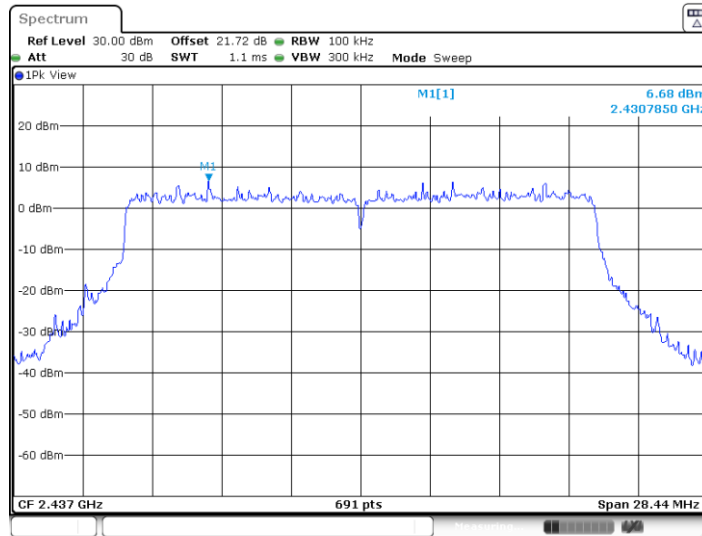
11BE20MIMO_Ant2_2437



Date: 11 JUL 2024 02:20:01



11BE20MIMO_Ant3_2437



11BE20MIMO_Ant4_2437

