



Table of Contents

<TX Beamforming mode>	A3-2
DTS Bandwidth	A3-2
Occupied Channel Bandwidth.....	A3-14
Maximum power spectral density	A3-26
Reference level measurement.....	A3-38
Band edge measurements.....	A3-50
Conducted Spurious Emission	A3-60
Duty Cycle	A3-84

<TX Beamforming mode>

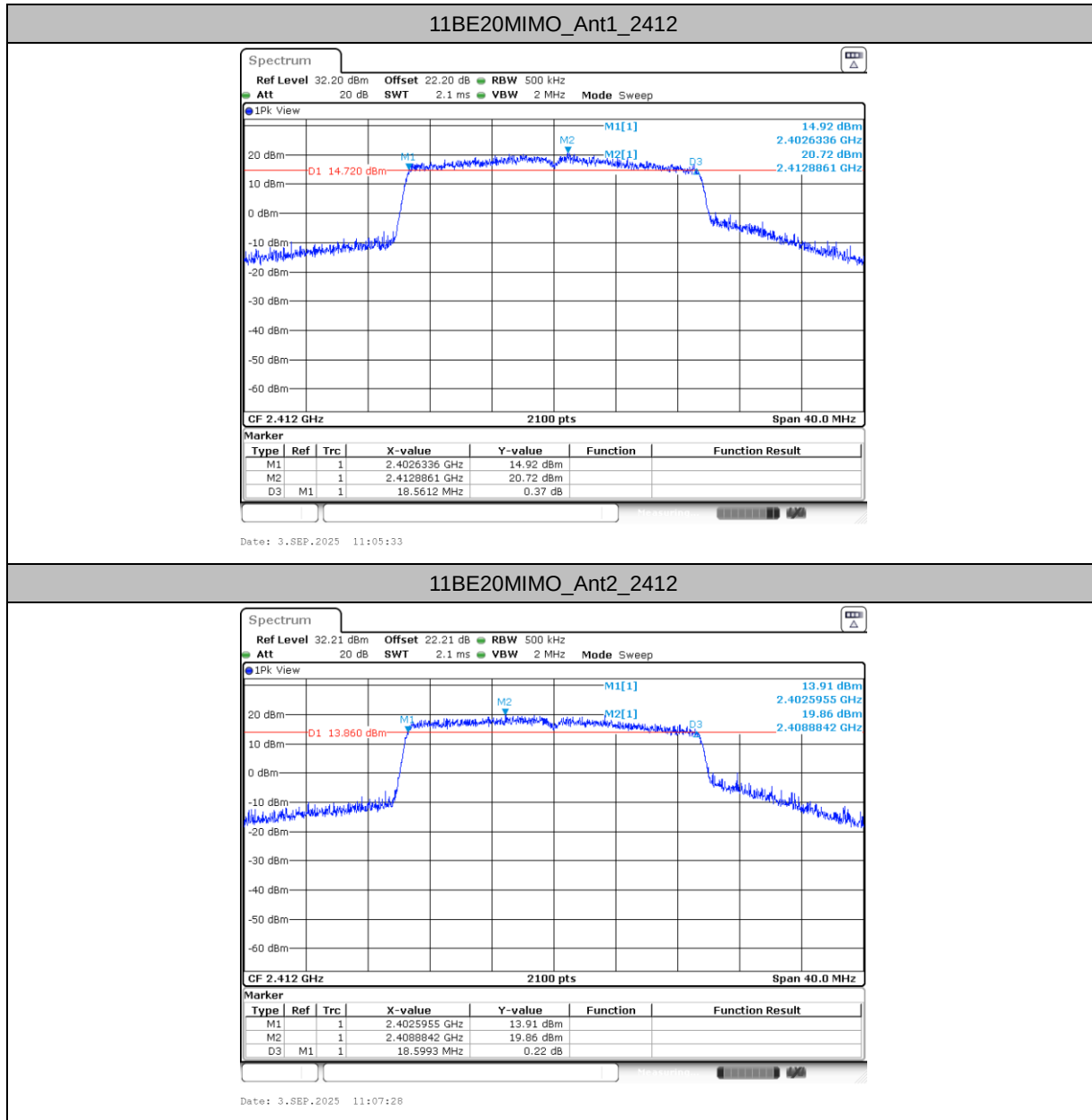
DTS Bandwidth

Test Result

TestMode	Antenna	Freq(MHz)	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11BE20MIMO	Ant1	2412	18.56	2402.63	2421.20	0.5	PASS
	Ant2	2412	18.60	2402.60	2421.20	0.5	PASS
	Ant1	2417	18.62	2407.61	2426.23	0.5	PASS
	Ant2	2417	18.73	2407.60	2426.33	0.5	PASS
	Ant1	2422	18.39	2412.80	2431.20	0.5	PASS
	Ant2	2422	18.77	2412.60	2431.37	0.5	PASS
	Ant1	2437	18.71	2427.67	2446.39	0.5	PASS
	Ant2	2437	18.31	2427.88	2446.20	0.5	PASS
	Ant1	2447	18.31	2437.63	2455.95	0.5	PASS
	Ant2	2447	18.68	2437.71	2456.39	0.5	PASS
	Ant1	2452	18.66	2442.67	2461.33	0.5	PASS
	Ant2	2452	18.05	2443.24	2461.29	0.5	PASS
	Ant1	2457	18.45	2447.75	2466.20	0.5	PASS
	Ant2	2457	18.62	2447.77	2466.39	0.5	PASS
	Ant1	2462	18.66	2452.63	2471.29	0.5	PASS
	Ant2	2462	18.83	2452.52	2471.35	0.5	PASS
11BE40MIMO	Ant1	2422	37.24	2403.23	2440.47	0.5	PASS
	Ant2	2422	36.44	2403.34	2439.78	0.5	PASS
	Ant1	2437	37.62	2418.19	2455.81	0.5	PASS
	Ant2	2437	32.82	2418.38	2451.20	0.5	PASS
	Ant1	2452	36.97	2433.80	2470.77	0.5	PASS
	Ant2	2452	28.09	2433.04	2461.13	0.5	PASS

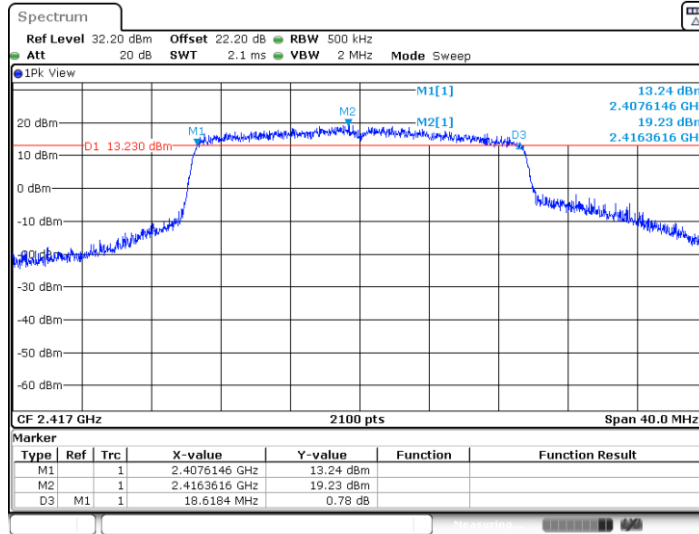


Test Graphs



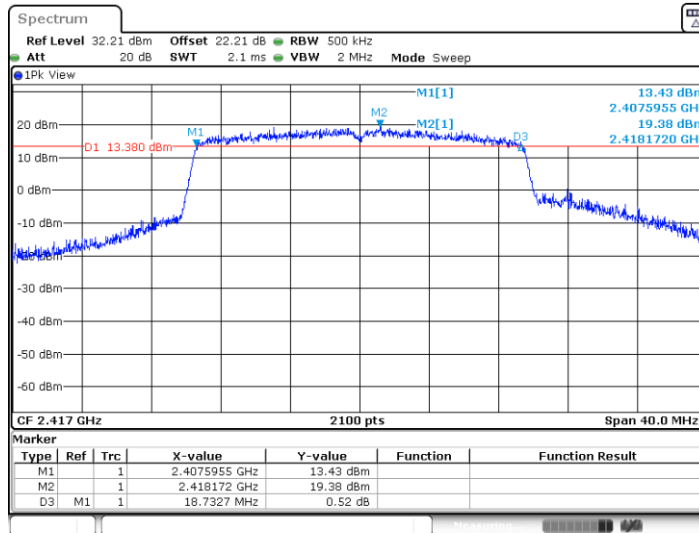


11BE20MIMO_Ant1_2417



Date: 14.SEP.2025 10:33:37

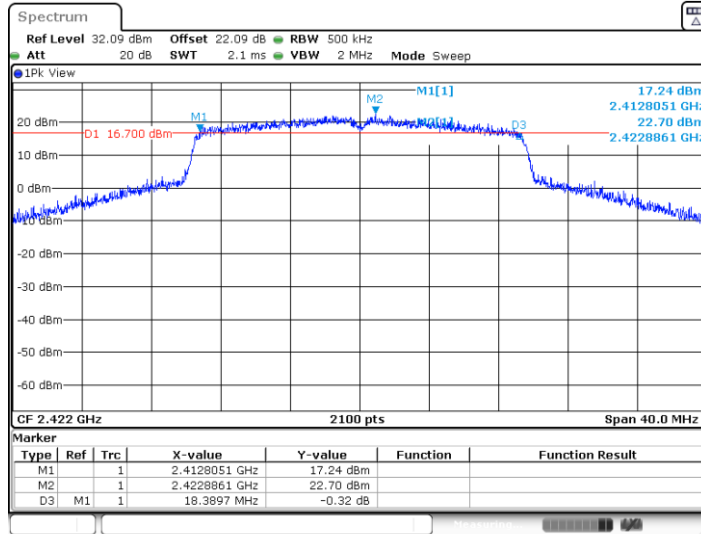
11BE20MIMO_Ant2_2417



Date: 14.SEP.2025 10:35:35

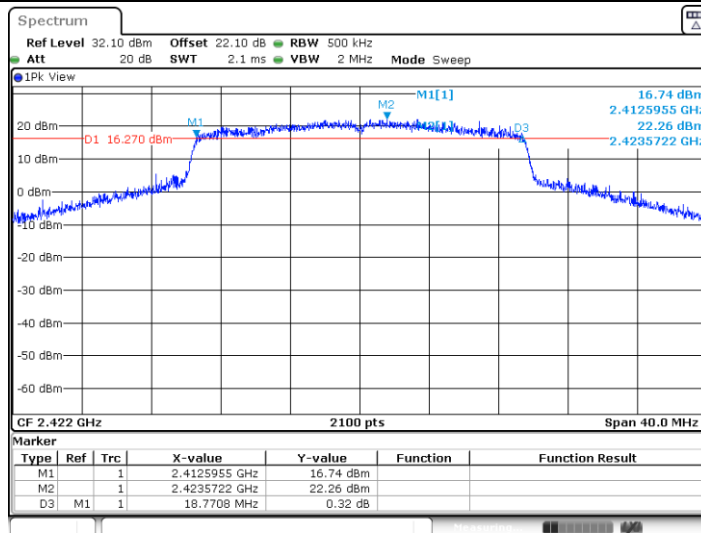


11BE20MIMO_Ant1_2422



Date: 14.SEP.2025 10:38:15

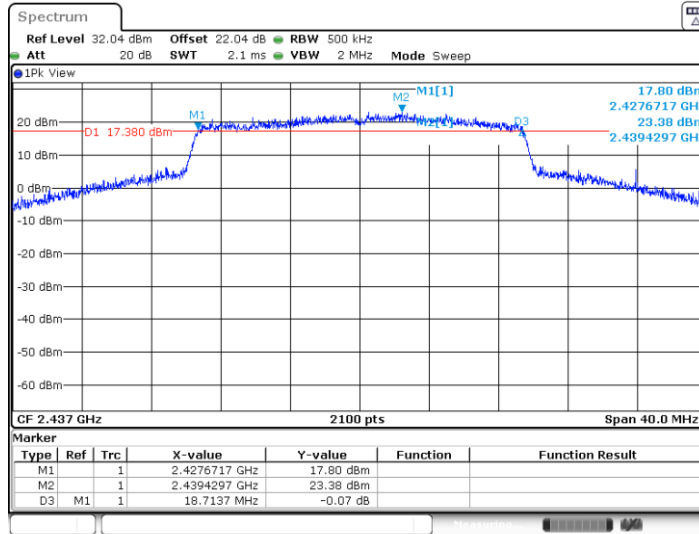
11BE20MIMO_Ant2_2422



Date: 14.SEP.2025 10:40:10

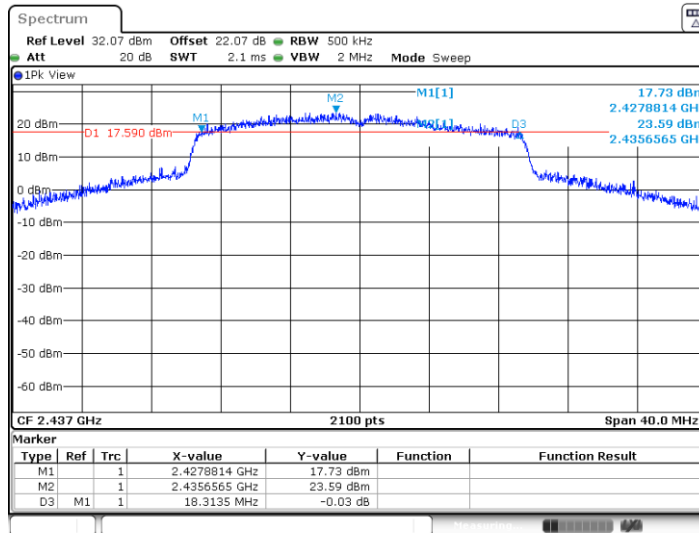


11BE20MIMO_Ant1_2437



Date: 3.SEP.2025 11:11:21

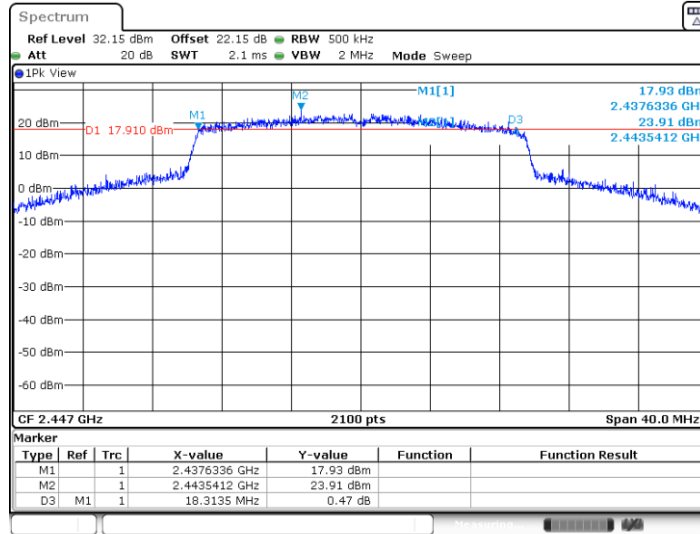
11BE20MIMO_Ant2_2437



Date: 3.SEP.2025 11:12:54

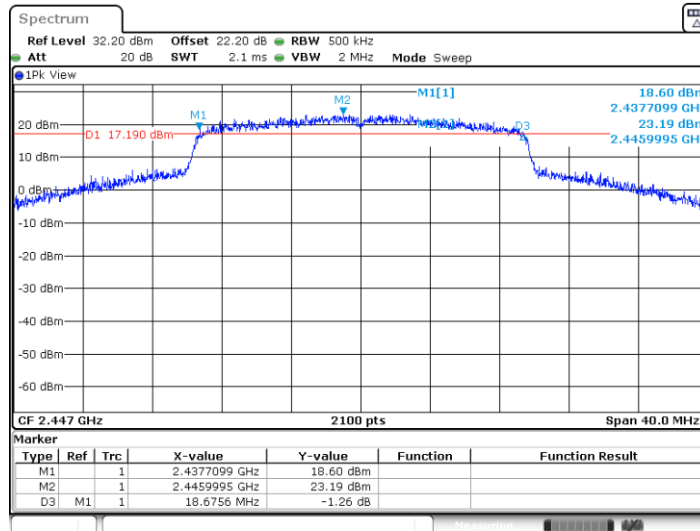


11BE20MIMO_Ant1_2447



Date: 14.SEP.2025 10:42:43

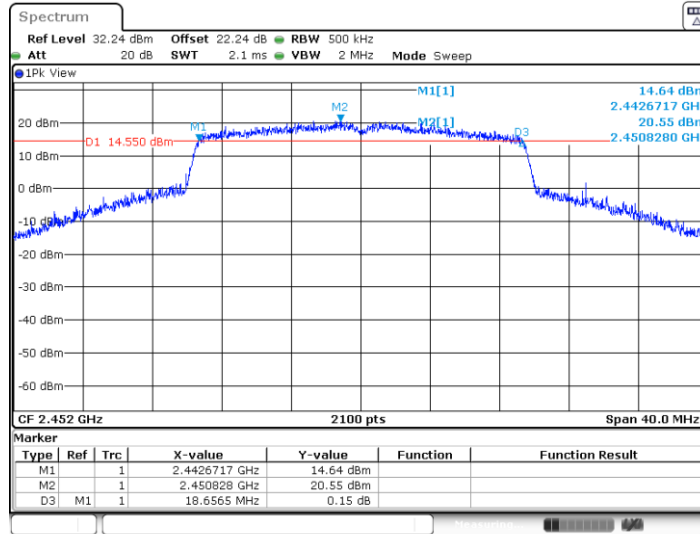
11BE20MIMO_Ant2_2447



Date: 14.SEP.2025 10:44:39

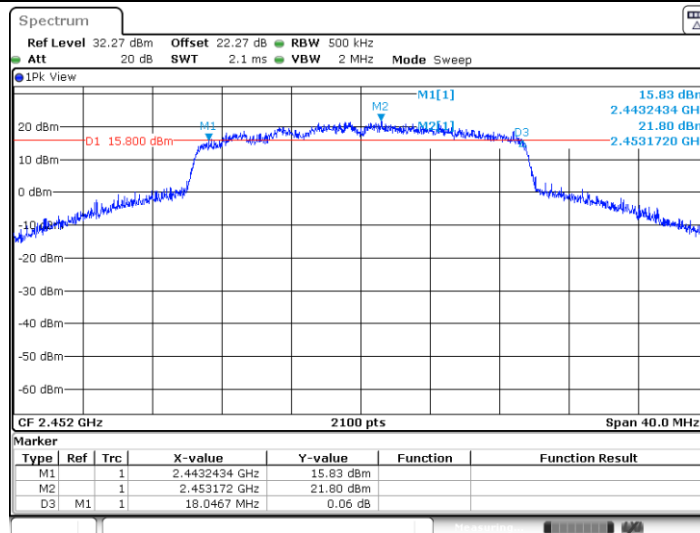


11BE20MIMO_Ant1_2452



Date: 14.SEP.2025 10:50:25

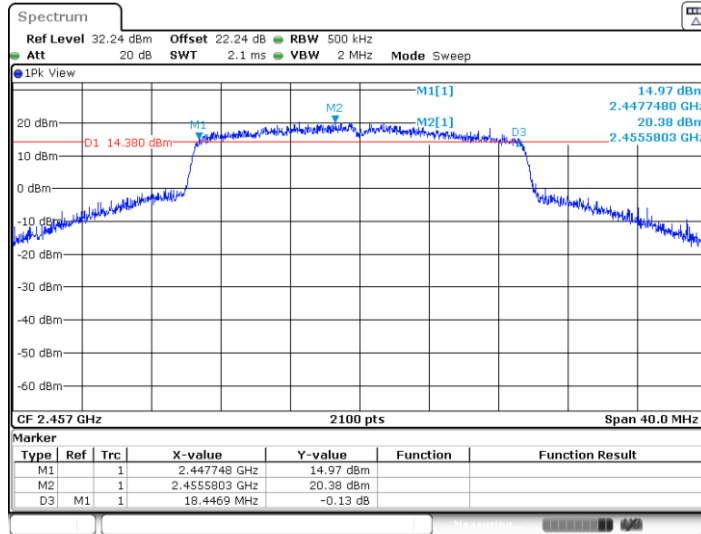
11BE20MIMO_Ant2_2452



Date: 14.SEP.2025 10:52:21

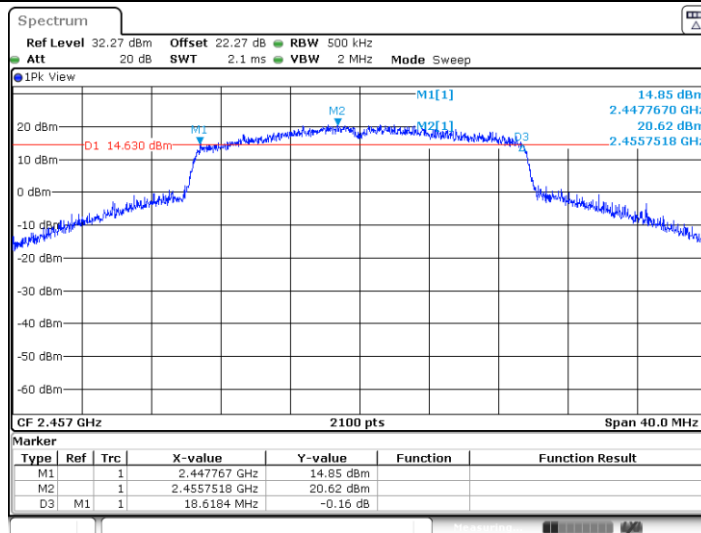


11BE20MIMO_Ant1_2457



Date: 14.SEP.2025 10:54:38

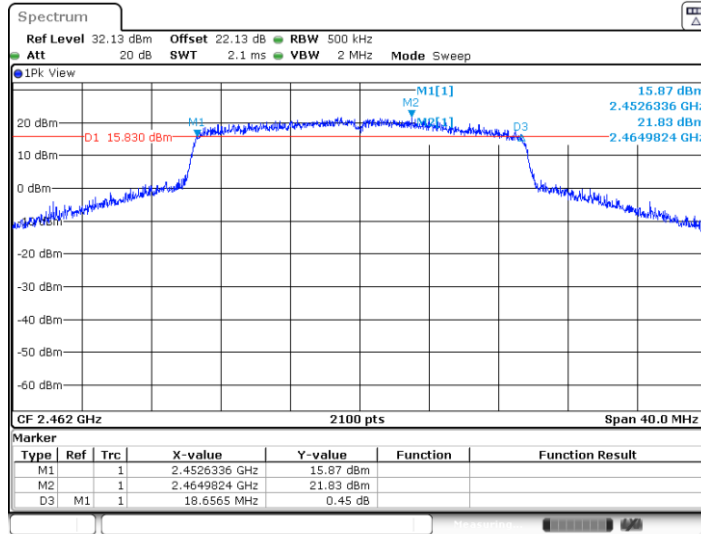
11BE20MIMO_Ant2_2457



Date: 14.SEP.2025 10:56:34

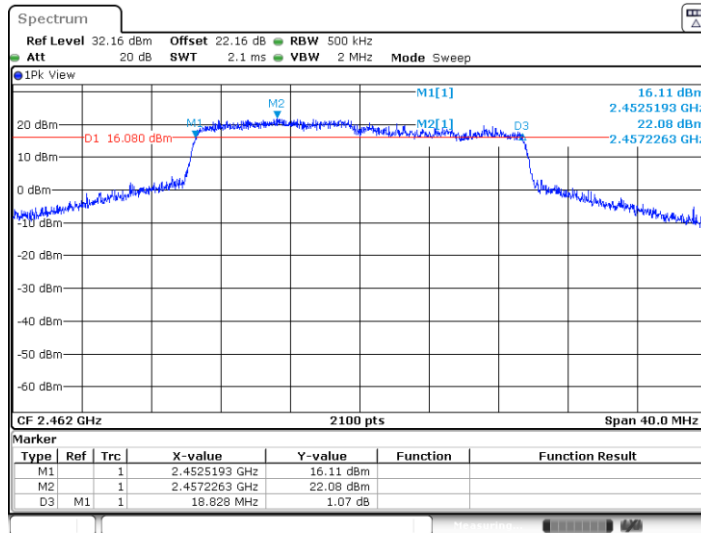


11BE20MIMO_Ant1_2462



Date: 3.SEP.2025 11:20:12

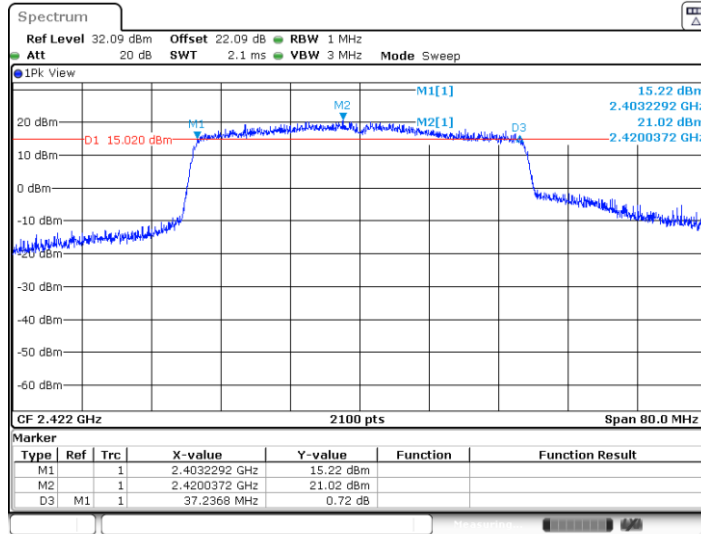
11BE20MIMO_Ant2_2462



Date: 3.SEP.2025 11:22:08

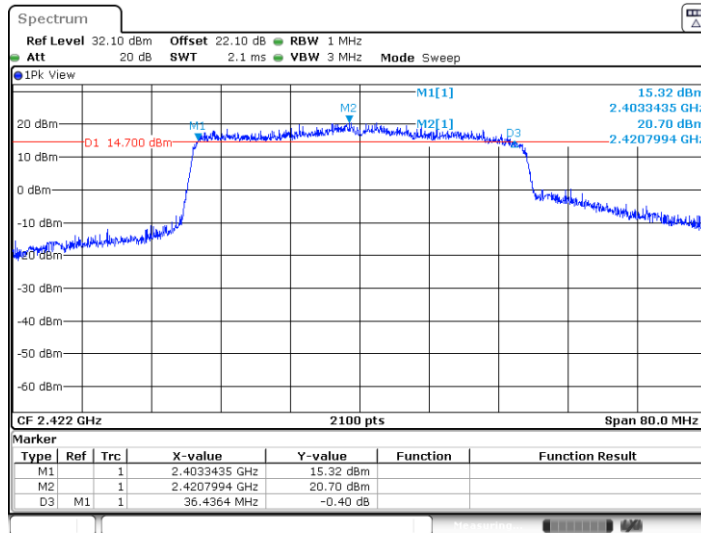


11BE40MIMO_Ant1_2422



Date: 3.SEP.2025 11:55:07

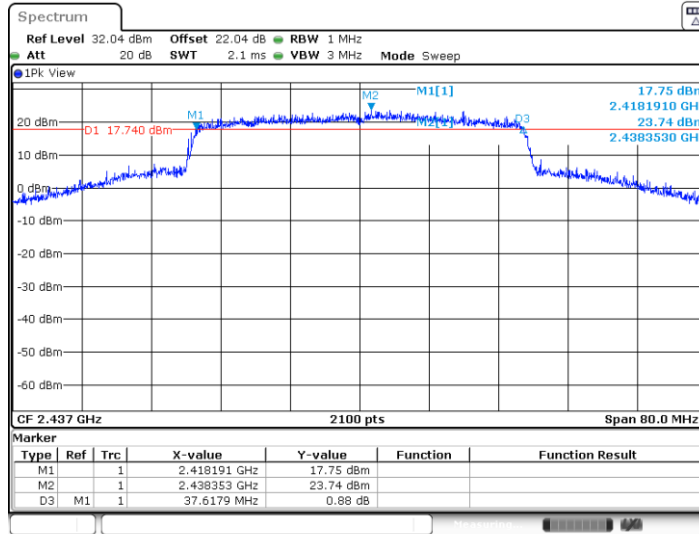
11BE40MIMO_Ant2_2422



Date: 3.SEP.2025 11:57:08

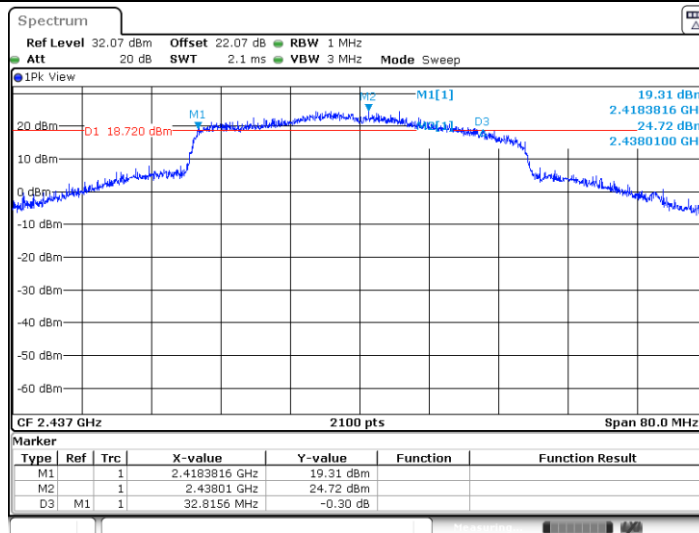


11BE40MIMO_Ant1_2437



Date: 3.SEP.2025 11:59:40

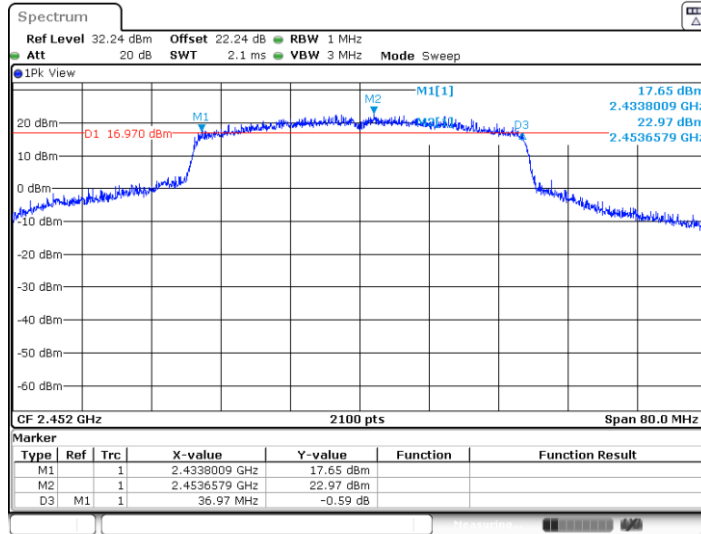
11BE40MIMO_Ant2_2437



Date: 3.SEP.2025 12:01:15

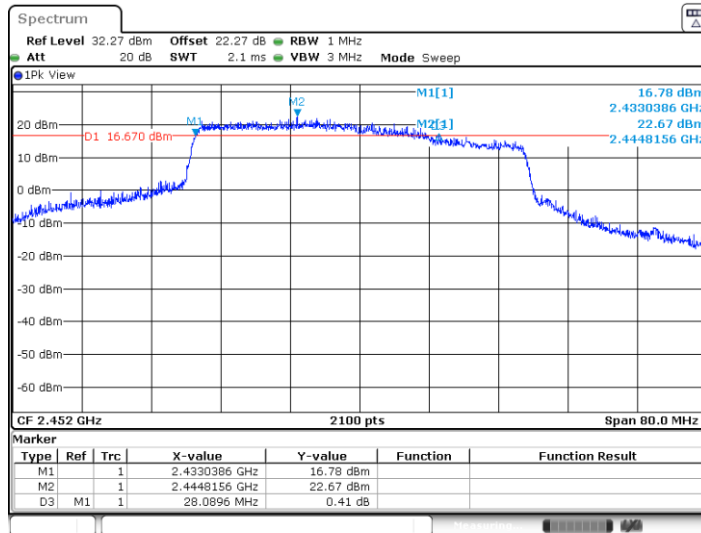


11BE40MIMO_Ant1_2452



Date: 3.SEP.2025 12:05:20

11BE40MIMO_Ant2_2452



Date: 3.SEP.2025 12:08:40



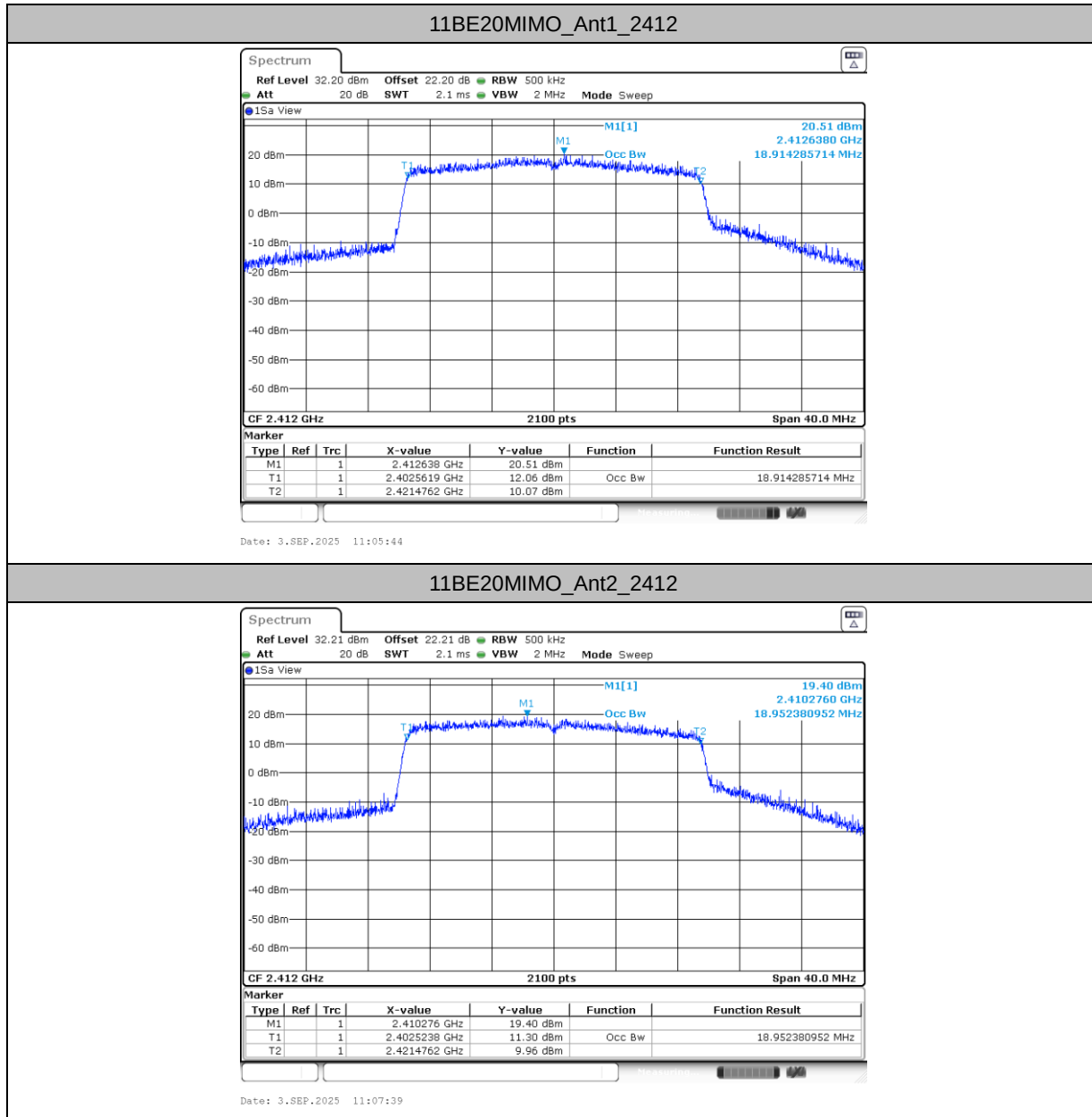
Occupied Channel Bandwidth

Test Result

TestMode	Antenna	Freq(MHz)	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11BE20MIMO	Ant1	2412	18.914	2402.5619	2421.4762	---	---
	Ant2	2412	18.952	2402.5238	2421.4762	---	---
	Ant1	2417	18.971	2407.5429	2426.5143	---	---
	Ant2	2417	19.029	2407.5619	2426.5905	---	---
	Ant1	2422	19.352	2412.2952	2431.6476	---	---
	Ant2	2422	19.638	2412.2190	2431.8571	---	---
	Ant1	2437	22.286	2426.2476	2448.5333	---	---
	Ant2	2437	21.829	2425.6952	2447.5238	---	---
	Ant1	2447	21.276	2436.0571	2457.3333	---	---
	Ant2	2447	22.819	2435.7333	2458.5524	---	---
	Ant1	2452	19.105	2442.4095	2461.5143	---	---
	Ant2	2452	19.181	2442.4476	2461.6286	---	---
	Ant1	2457	19.048	2447.4286	2466.4762	---	---
	Ant2	2457	19.162	2447.4286	2466.5905	---	---
	Ant1	2462	19.2	2452.3714	2471.5714	---	---
	Ant2	2462	19.448	2452.1810	2471.6286	---	---
11BE40MIMO	Ant1	2422	38.057	2403.0476	2441.1048	---	---
	Ant2	2422	38.095	2403.0095	2441.1048	---	---
	Ant1	2437	46.59	2413.7048	2460.2952	---	---
	Ant2	2437	45.486	2412.8667	2458.3524	---	---
	Ant1	2452	38.4	2432.6286	2471.0286	---	---
	Ant2	2452	38.248	2432.4000	2470.6476	---	---

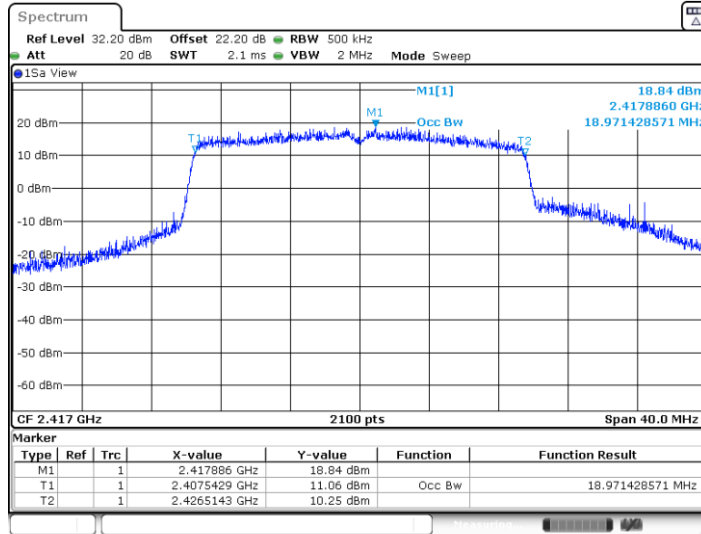


Test Graphs



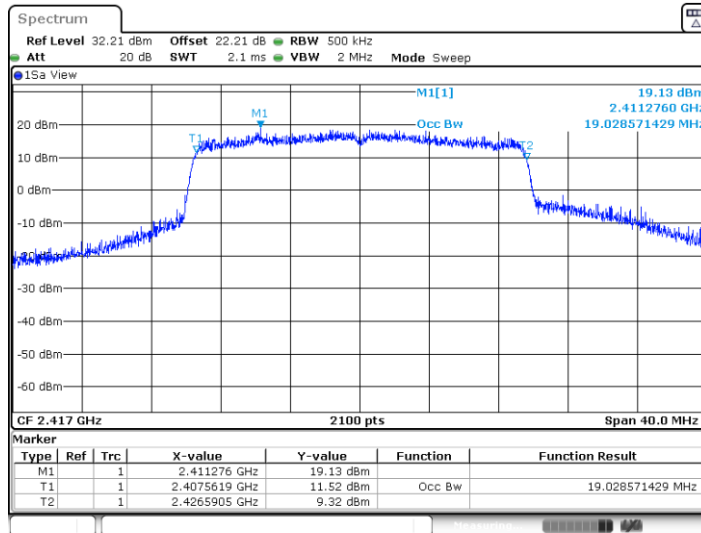


11BE20MIMO_Ant1_2417



Date: 14.SEP.2025 10:33:49

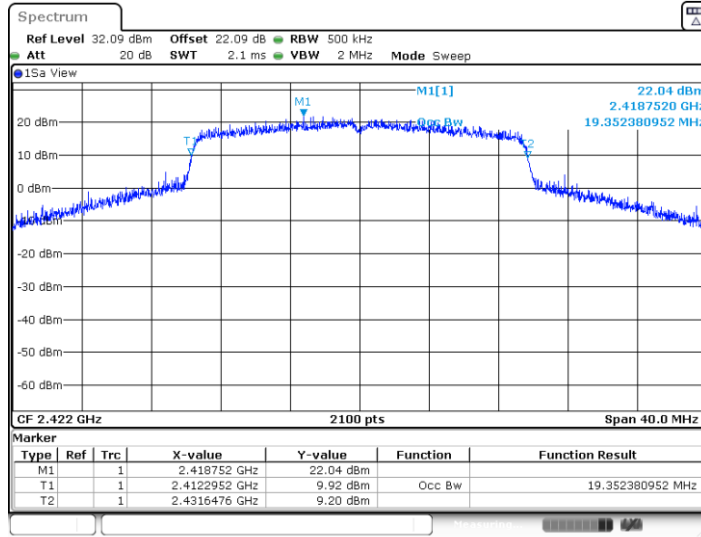
11BE20MIMO_Ant2_2417



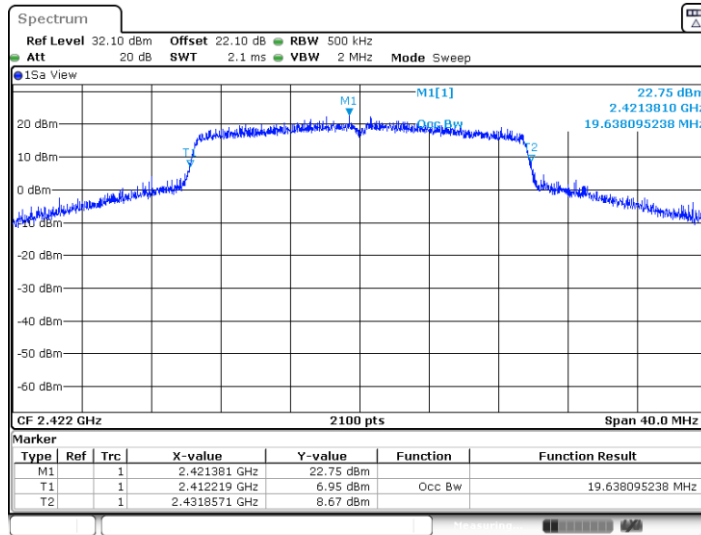
Date: 14.SEP.2025 10:35:46



11BE20MIMO_Ant1_2422

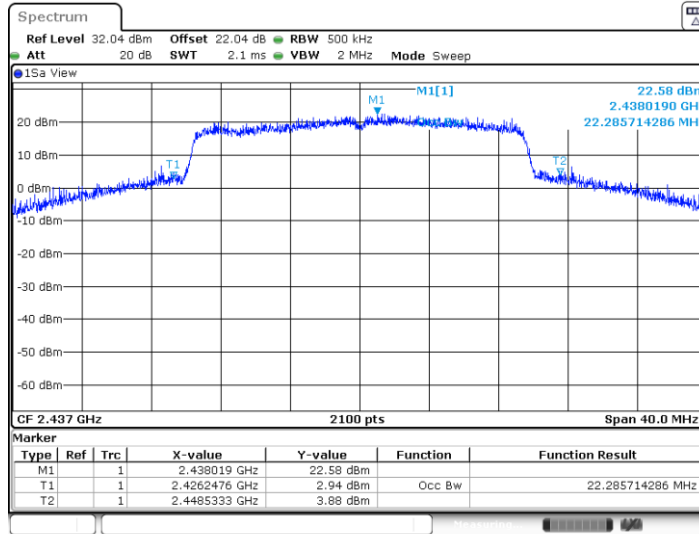


11BE20MIMO_Ant2_2422



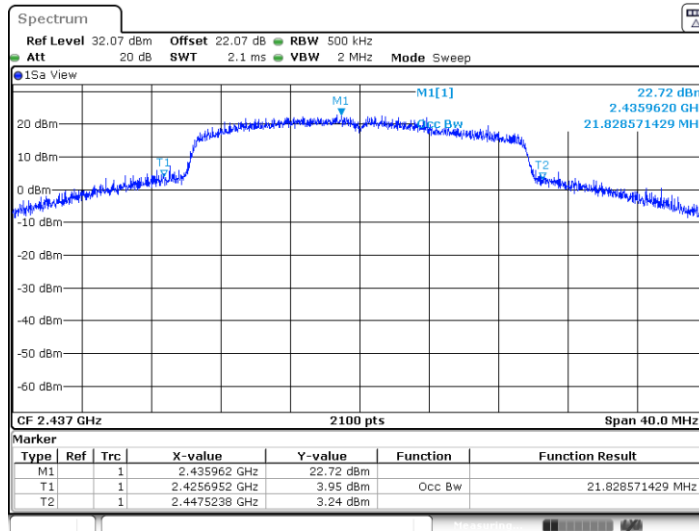


11BE20MIMO_Ant1_2437



Date: 3.SEP.2025 11:11:29

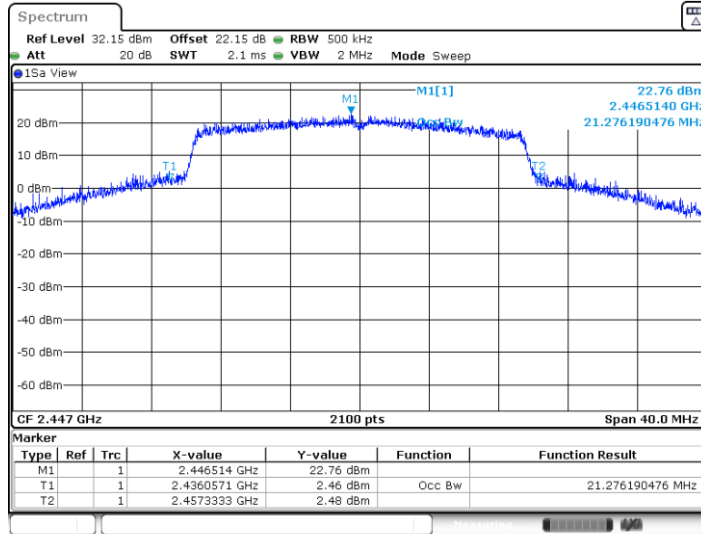
11BE20MIMO_Ant2_2437



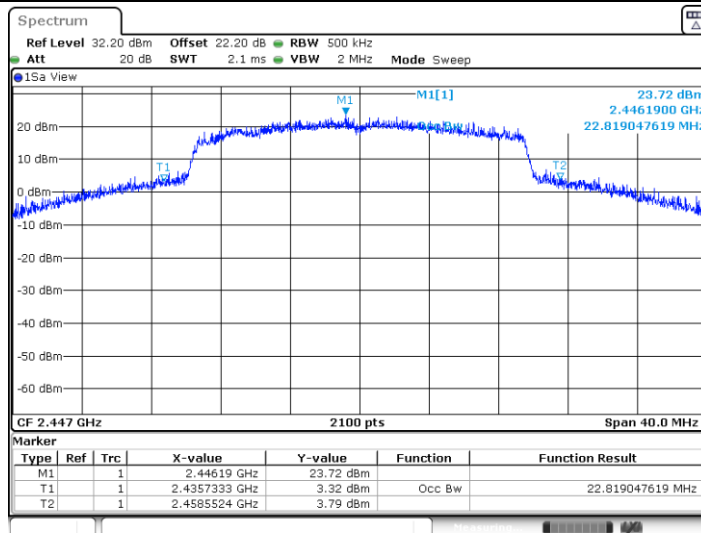
Date: 3.SEP.2025 11:13:04



11BE20MIMO_Ant1_2447

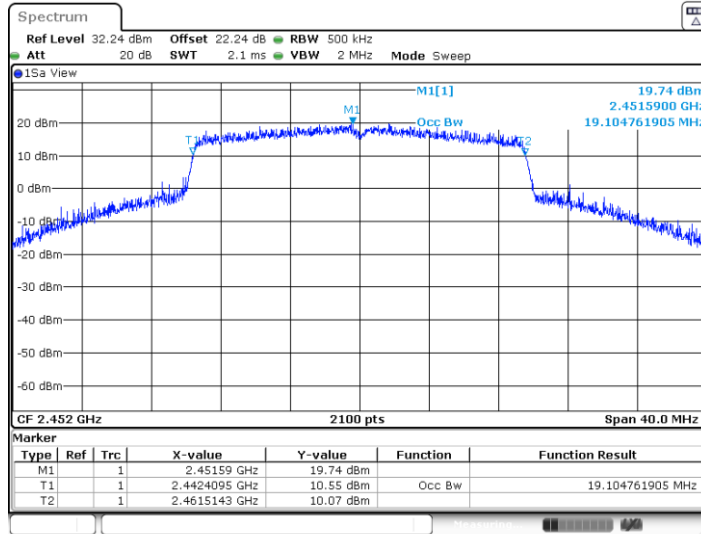


11BE20MIMO_Ant2_2447

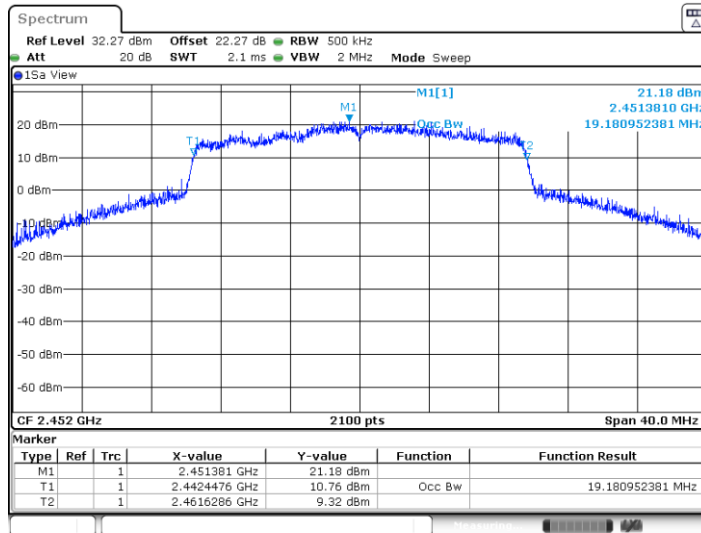




11BE20MIMO_Ant1_2452

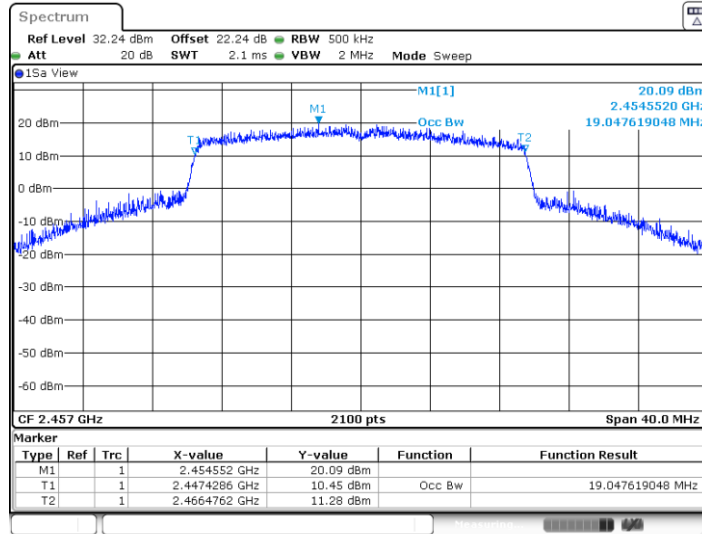


11BE20MIMO_Ant2_2452



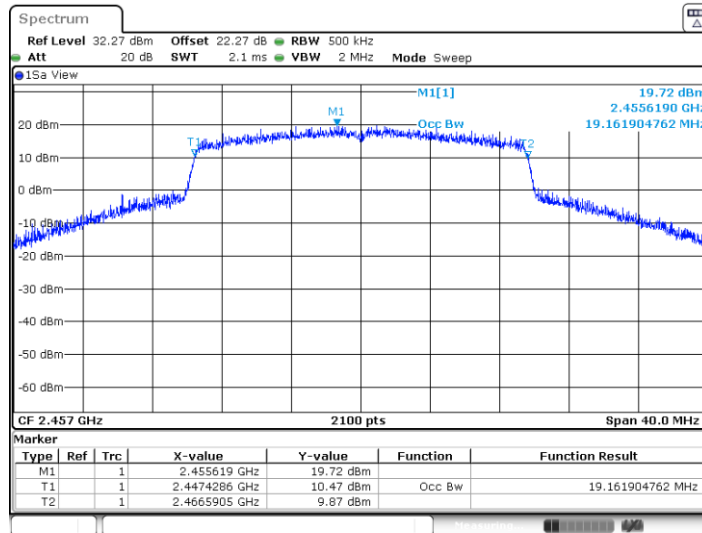


11BE20MIMO_Ant1_2457



Date: 14.SEP.2025 10:54:49

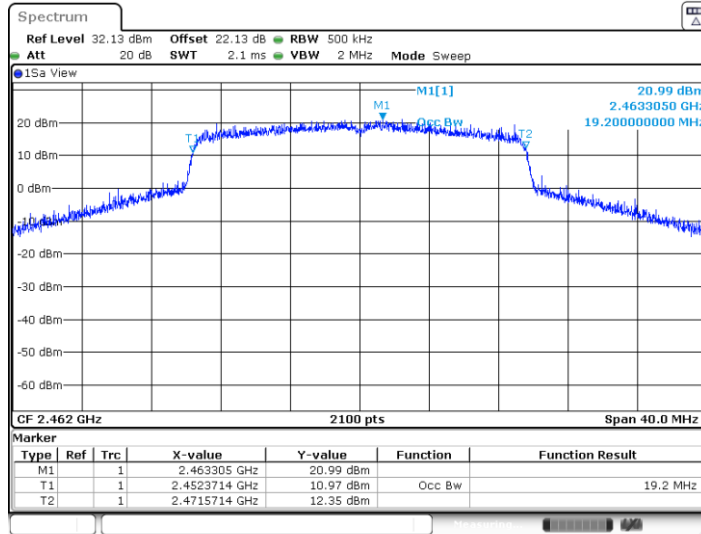
11BE20MIMO_Ant2_2457



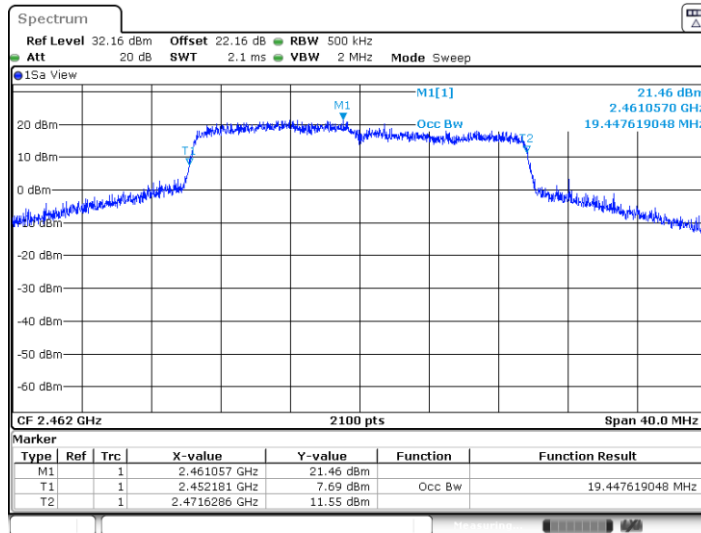
Date: 14.SEP.2025 10:56:45



11BE20MIMO_Ant1_2462

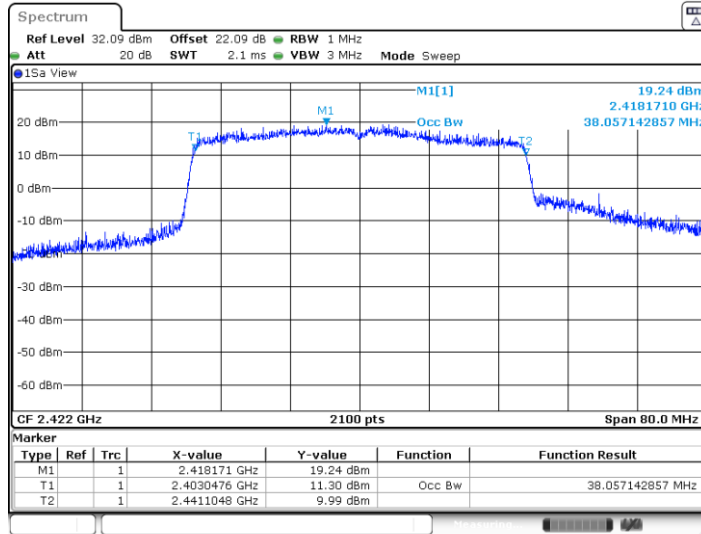


11BE20MIMO_Ant2_2462



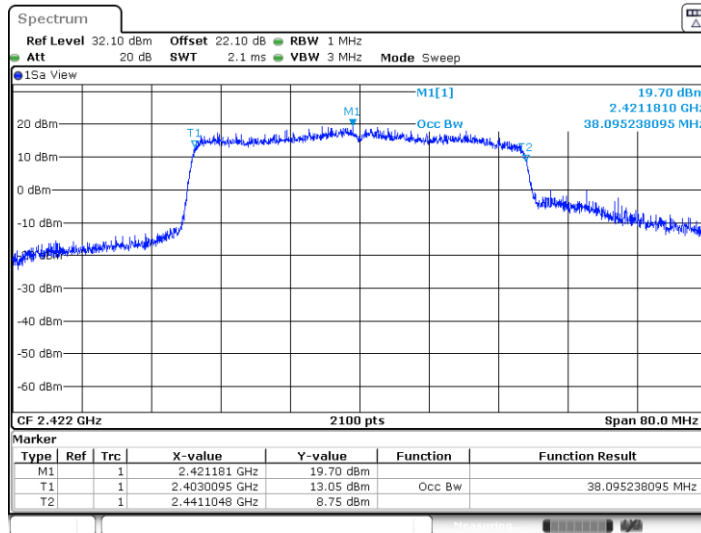


11BE40MIMO_Ant1_2422



Date: 3.SEP.2025 11:55:18

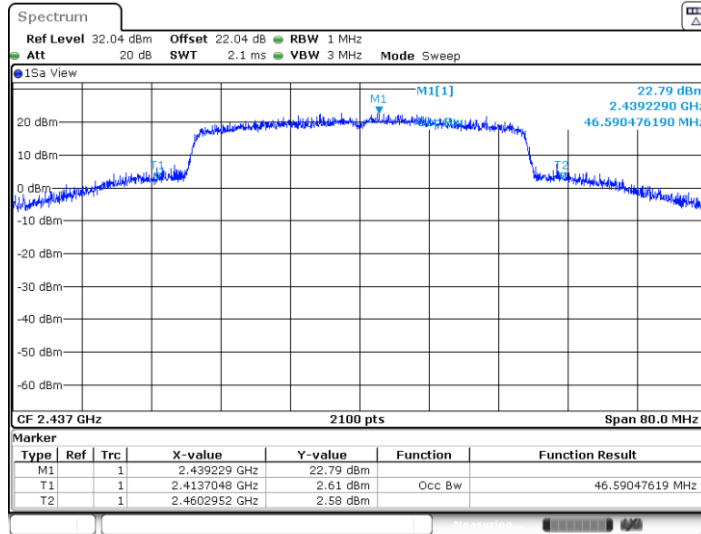
11BE40MIMO_Ant2_2422



Date: 3.SEP.2025 11:57:19

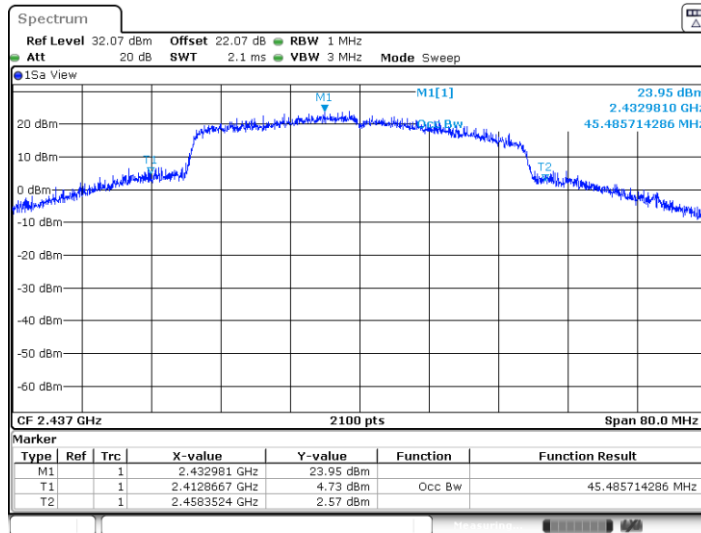


11BE40MIMO_Ant1_2437



Date: 3.SEP.2025 11:59:51

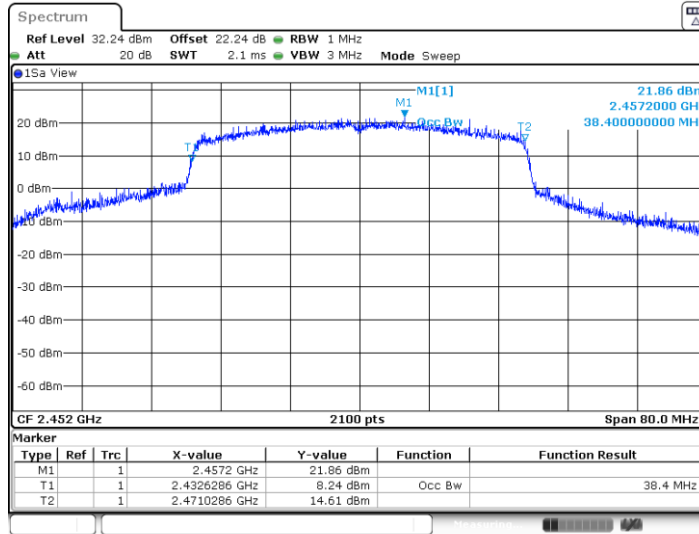
11BE40MIMO_Ant2_2437



Date: 3.SEP.2025 12:01:25

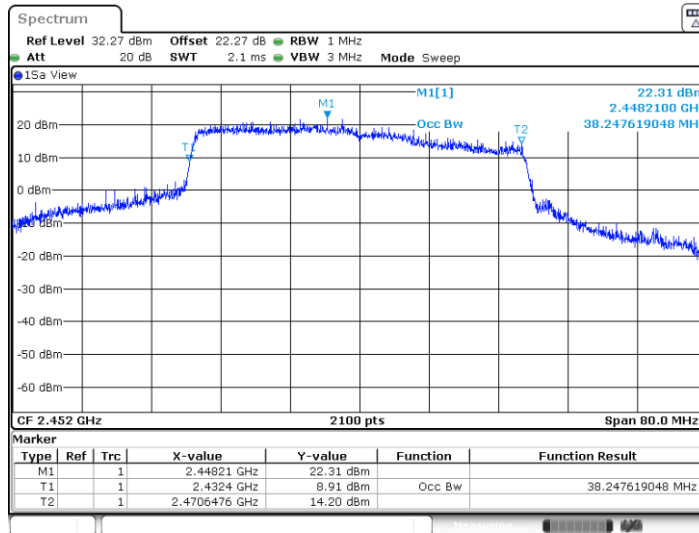


11BE40MIMO_Ant1_2452



Date: 3.SEP.2025 12:05:31

11BE40MIMO_Ant2_2452



Date: 3.SEP.2025 12:08:51

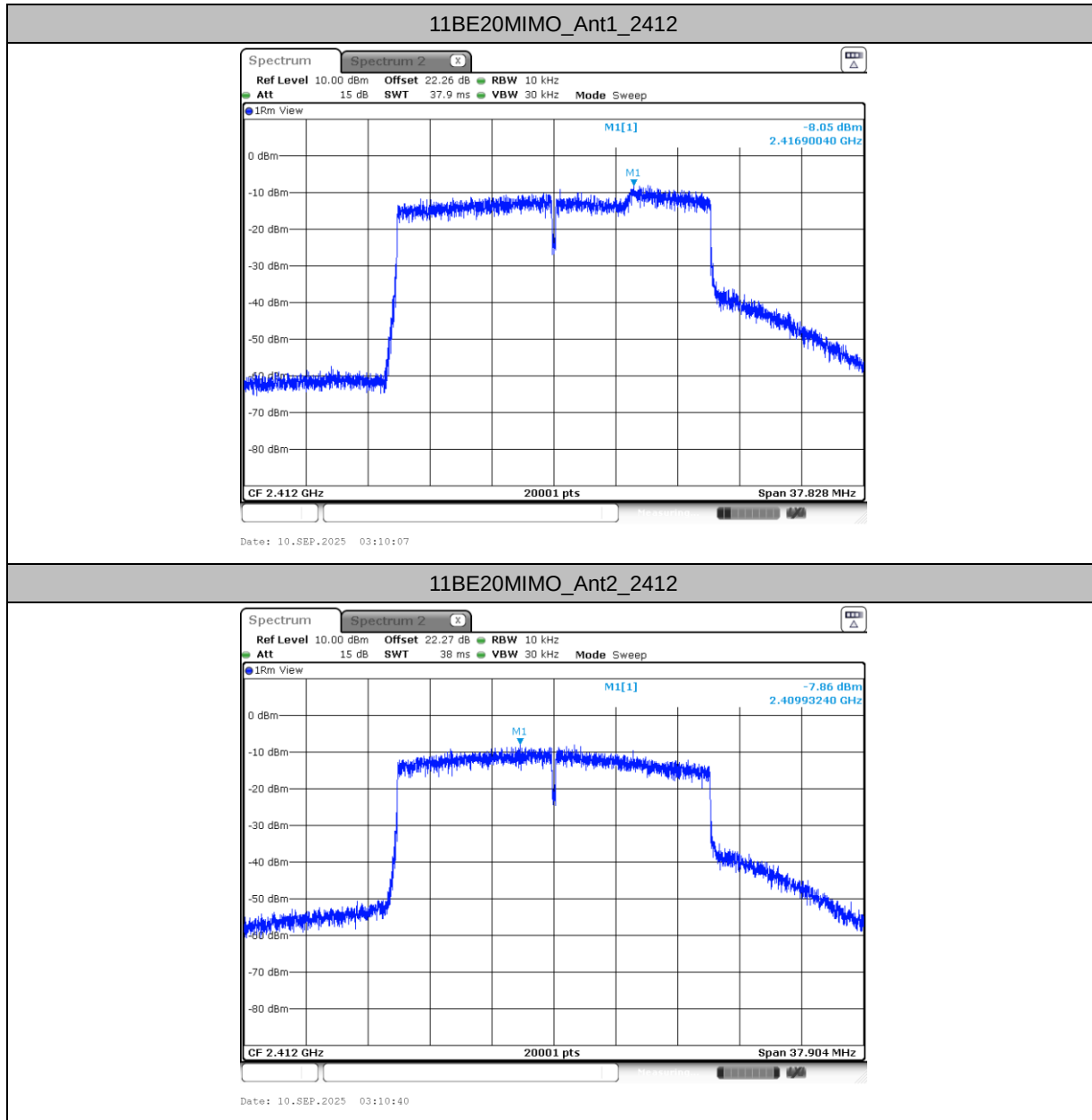


Maximum power spectral density

Test Result

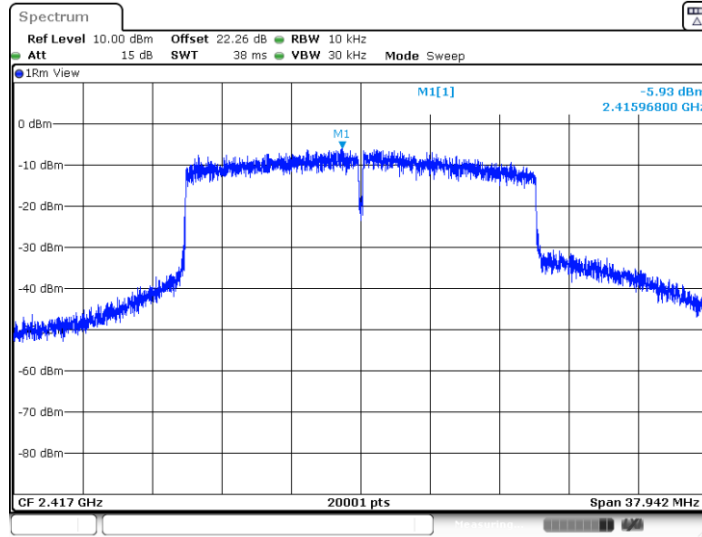
TestMode	Antenna	Freq(MHz)	Result [dBm/3kHz]	Limit [dBm/3kHz]	Verdict
11BE20MIMO	Ant1	2412	-8.05	≤8.00	PASS
	Ant2	2412	-7.86	≤8.00	PASS
	total	2412	-4.94	≤8.00	PASS
	Ant1	2417	-5.93	≤8.00	PASS
	Ant2	2417	-5.29	≤8.00	PASS
	total	2417	-2.59	≤8.00	PASS
	Ant1	2422	-2.85	≤8.00	PASS
	Ant2	2422	-2.61	≤8.00	PASS
	total	2422	0.28	≤8.00	PASS
	Ant1	2437	-0.54	≤8.00	PASS
	Ant2	2437	-0.53	≤8.00	PASS
	total	2437	2.48	≤8.00	PASS
	Ant1	2447	-1.79	≤8.00	PASS
	Ant2	2447	-1.30	≤8.00	PASS
	total	2447	1.47	≤8.00	PASS
	Ant1	2452	-4.59	≤8.00	PASS
	Ant2	2452	-3.80	≤8.00	PASS
	total	2452	-1.17	≤8.00	PASS
	Ant1	2457	-4.66	≤8.00	PASS
	Ant2	2457	-4.42	≤8.00	PASS
	total	2457	-1.53	≤8.00	PASS
	Ant1	2462	-8.77	≤8.00	PASS
	Ant2	2462	-8.10	≤8.00	PASS
	total	2462	-5.41	≤8.00	PASS
11BE40MIMO	Ant1	2422	-10.85	≤8.00	PASS
	Ant2	2422	-10.31	≤8.00	PASS
	total	2422	-7.56	≤8.00	PASS
	Ant1	2437	-10.64	≤8.00	PASS
	Ant2	2437	-9.89	≤8.00	PASS
	total	2437	-7.24	≤8.00	PASS
	Ant1	2452	-9.97	≤8.00	PASS
	Ant2	2452	-10.59	≤8.00	PASS
	total	2452	-7.26	≤8.00	PASS

Test Graphs



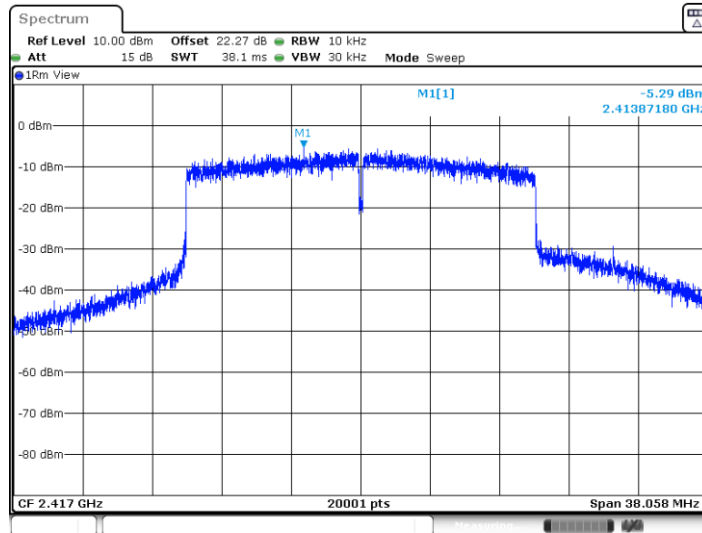


11BE20MIMO_Ant1_2417



Date: 14.SEP.2025 10:34:21

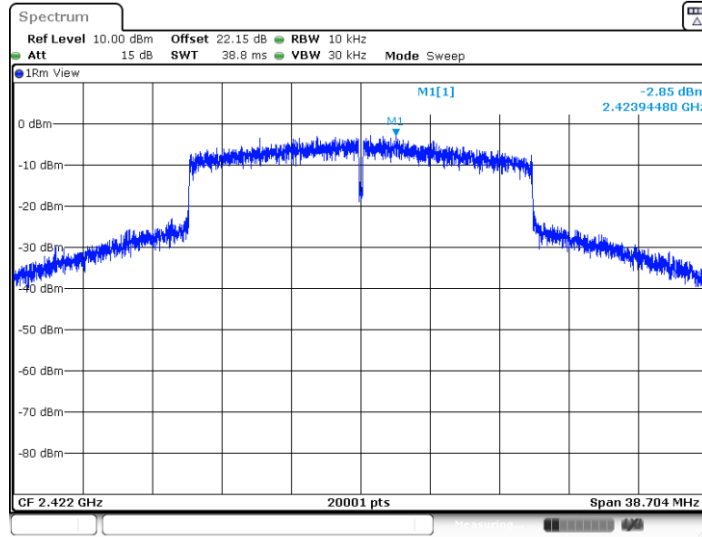
11BE20MIMO_Ant2_2417



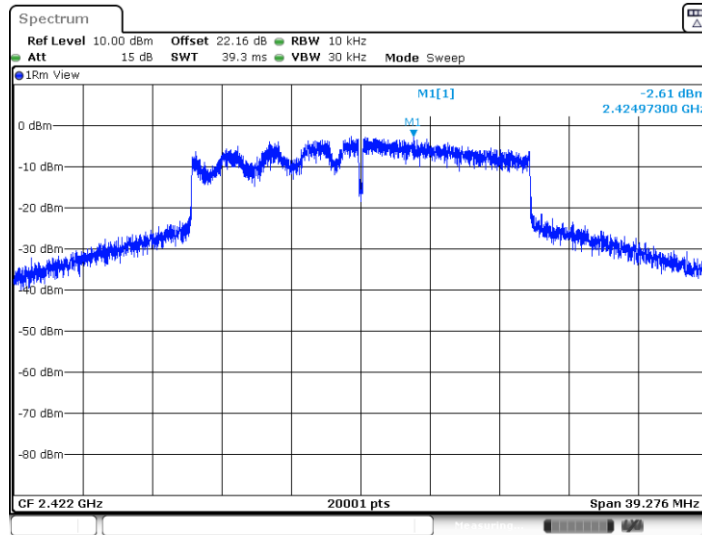
Date: 14.SEP.2025 10:36:19



11BE20MIMO_Ant1_2422

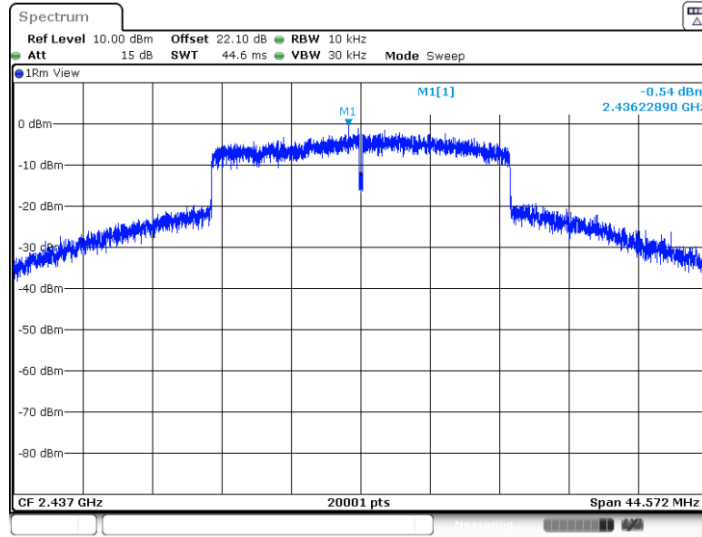


11BE20MIMO_Ant2_2422



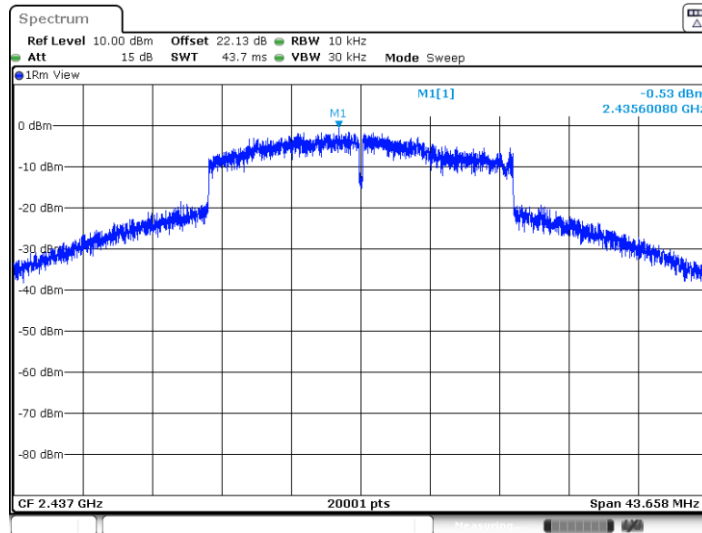


11BE20MIMO_Ant1_2437



Date: 3.SEP.2025 11:15:40

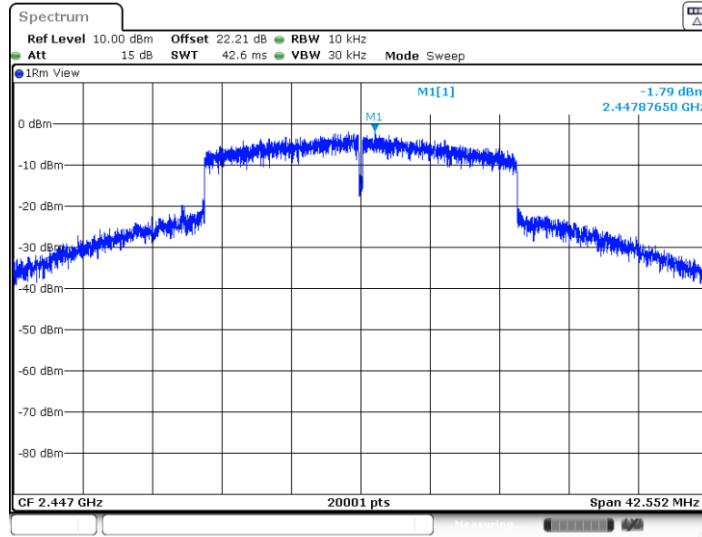
11BE20MIMO_Ant2_2437



Date: 3.SEP.2025 11:16:13

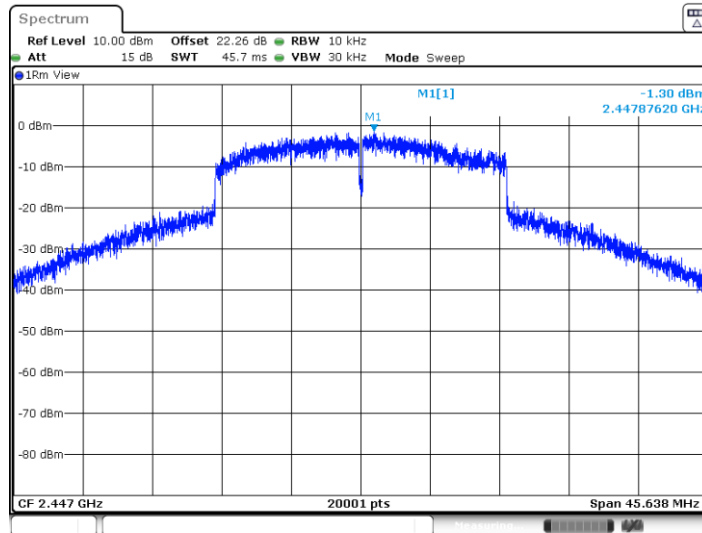


11BE20MIMO_Ant1_2447



Date: 14.SEP.2025 10:49:01

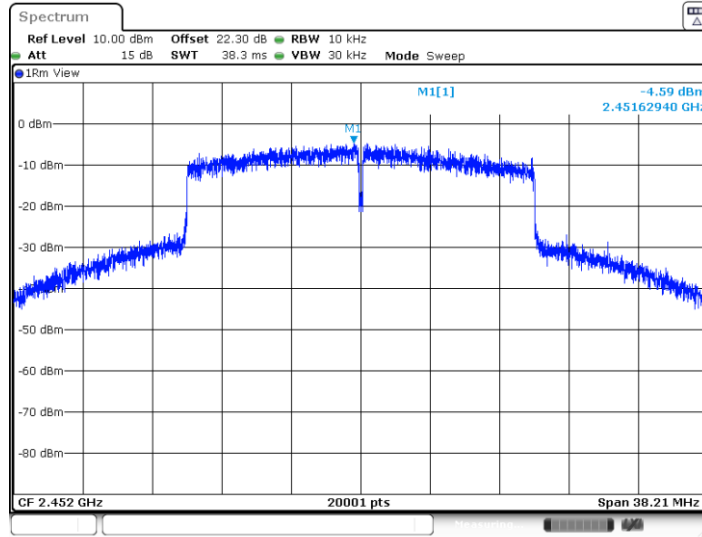
11BE20MIMO_Ant2_2447



Date: 14.SEP.2025 10:49:31

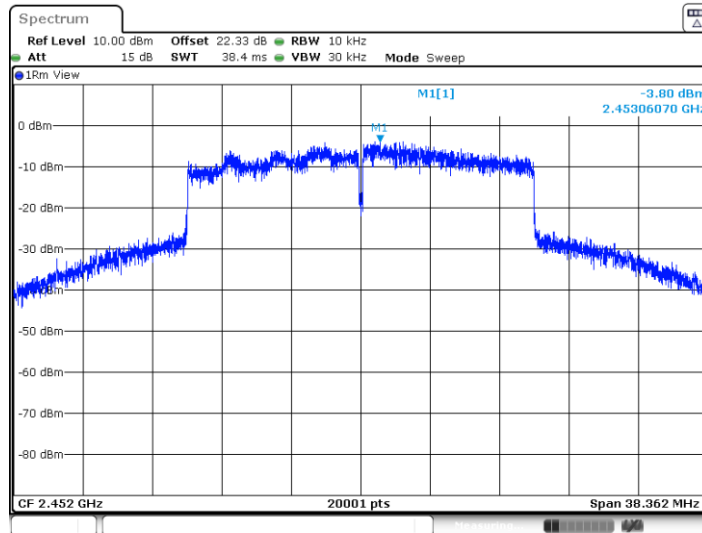


11BE20MIMO_Ant1_2452



Date: 14.SEP.2025 10:51:07

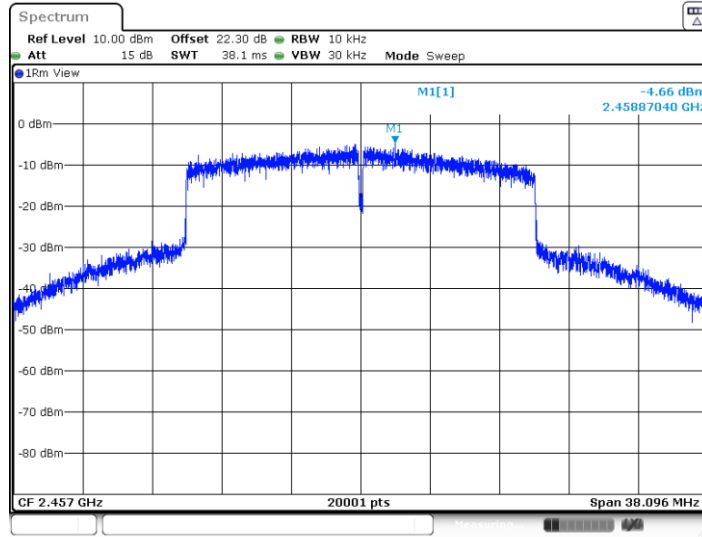
11BE20MIMO_Ant2_2452



Date: 14.SEP.2025 10:53:05

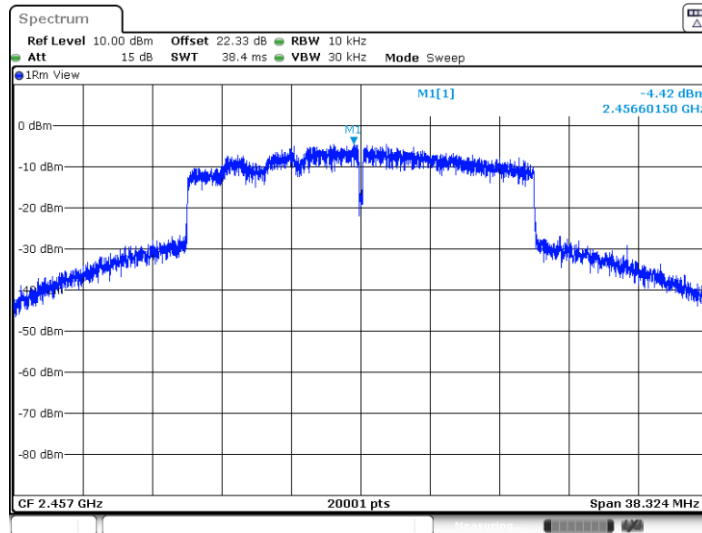


11BE20MIMO_Ant1_2457



Date: 14.SEP.2025 10:55:20

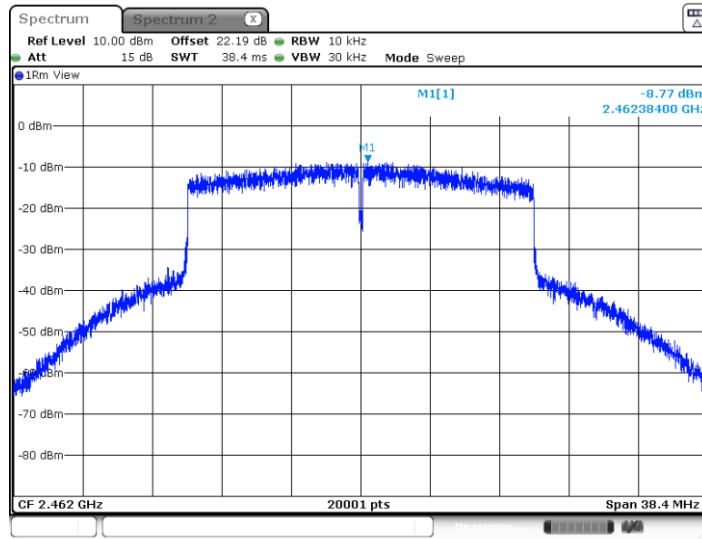
11BE20MIMO_Ant2_2457



Date: 14.SEP.2025 10:57:18

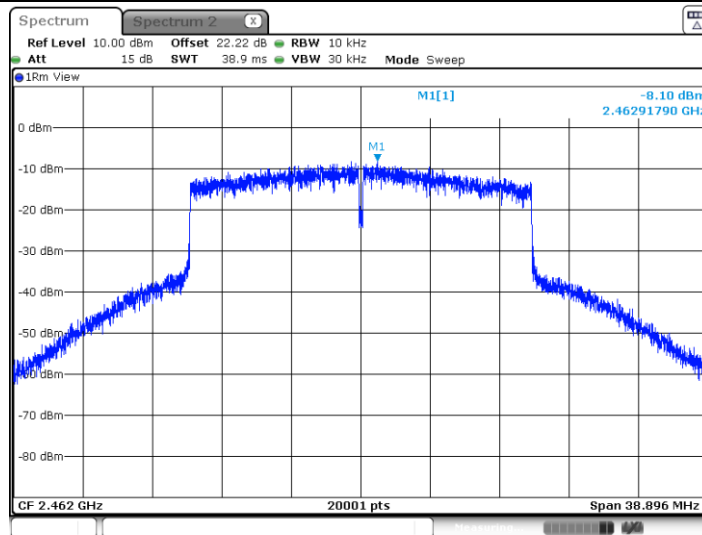


11BE20MIMO_Ant1_2462



Date: 10.SEP.2025 03:14:24

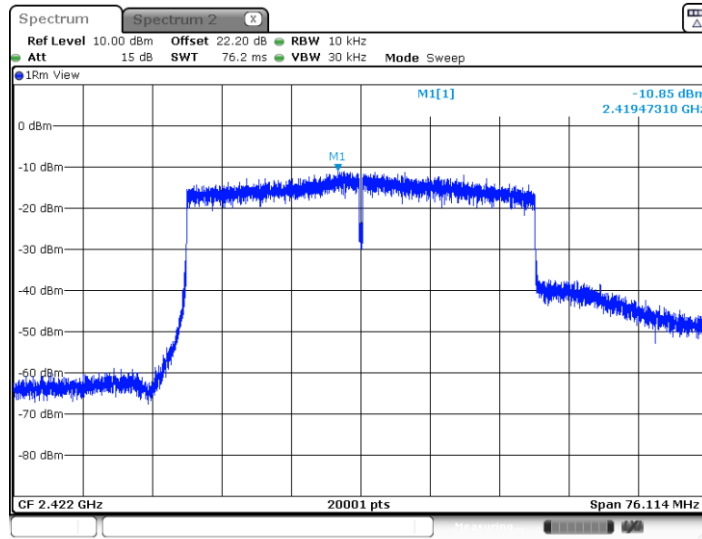
11BE20MIMO_Ant2_2462



Date: 10.SEP.2025 03:14:57

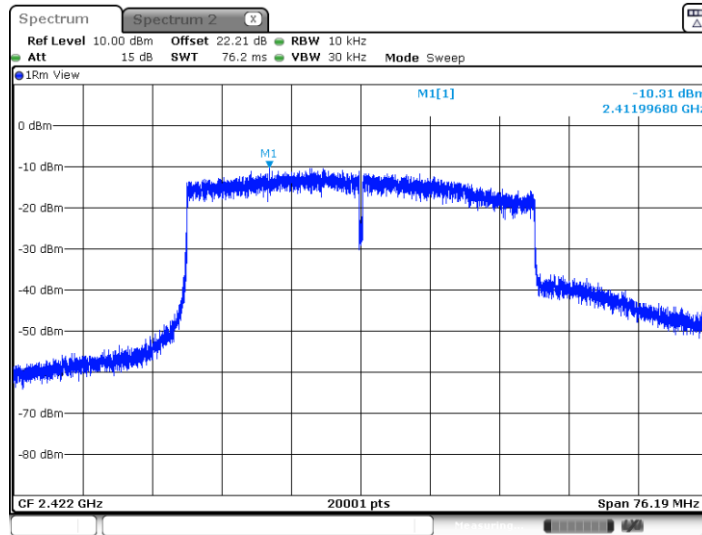


11BE40MIMO_Ant1_2422



Date: 10.SEP.2025 03:16:47

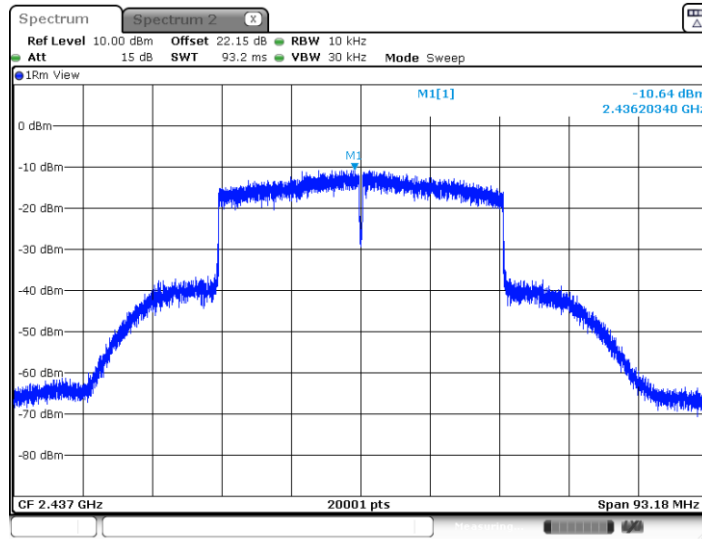
11BE40MIMO_Ant2_2422



Date: 10.SEP.2025 03:17:21

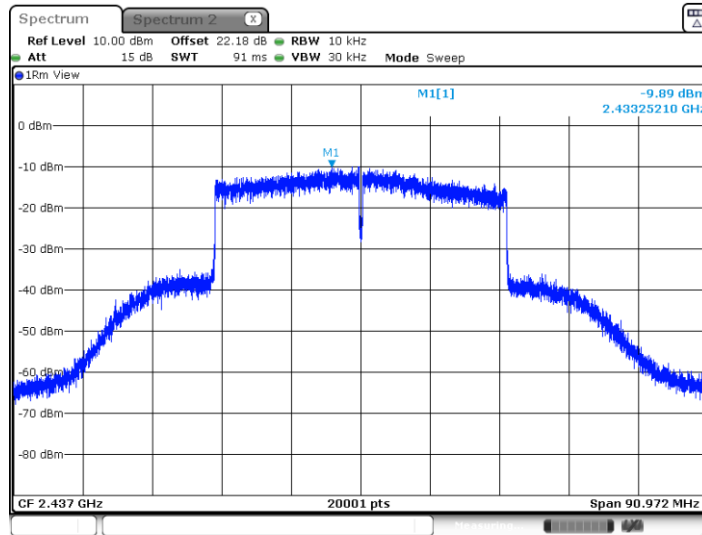


11BE40MIMO_Ant1_2437



Date: 10.SEP.2025 03:21:29

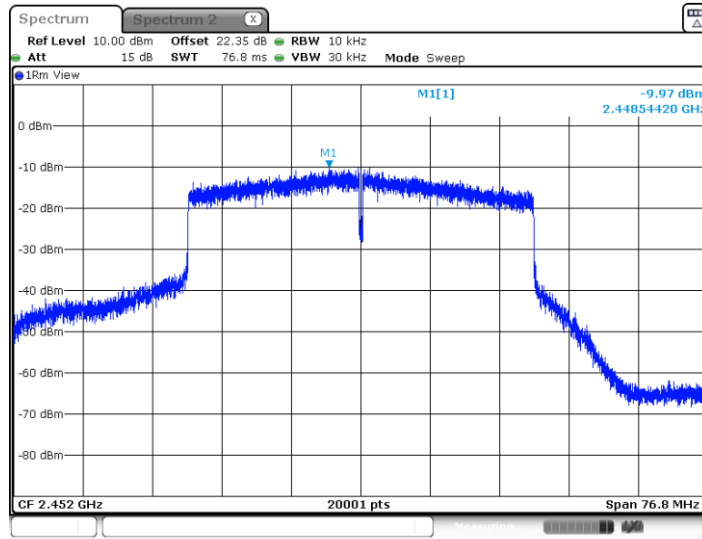
11BE40MIMO_Ant2_2437



Date: 10.SEP.2025 03:22:25

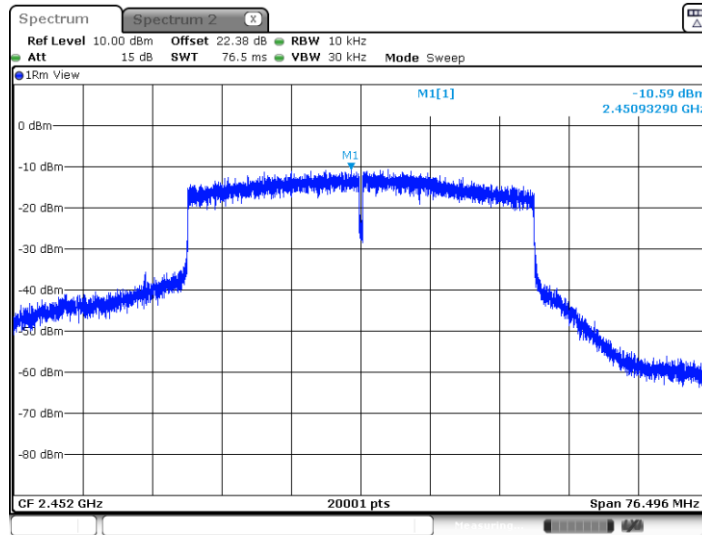


11BE40MIMO_Ant1_2452



Date: 10.SEP.2025 03:24:39

11BE40MIMO_Ant2_2452



Date: 10.SEP.2025 03:25:12



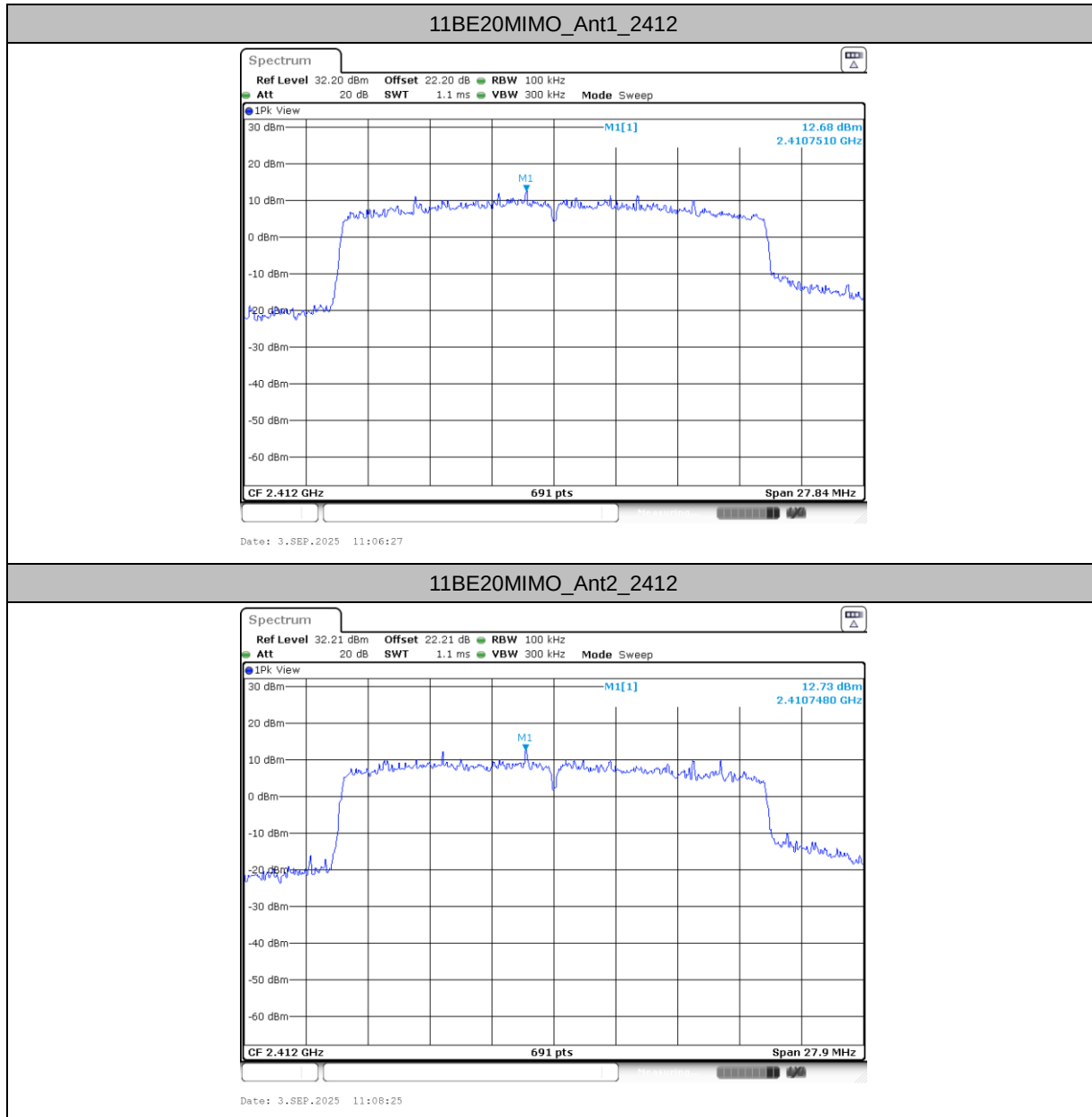
Reference level measurement

Test Result

TestMode	Antenna	Freq(MHz)	Max.Point[MHz]	Result[dBm/100KHz]
11BE20MIMO	Ant1	2412	2410.75	12.68
	Ant2	2412	2410.75	12.73
	Ant1	2417	2415.75	12.01
	Ant2	2417	2415.74	11.25
	Ant1	2422	2424.51	14.95
	Ant2	2422	2420.78	15.33
	Ant1	2437	2439.52	15.88
	Ant2	2437	2442.05	15.48
	Ant1	2447	2448.27	16.13
	Ant2	2447	2451.99	15.56
	Ant1	2452	2454.51	12.76
	Ant2	2452	2457.02	12.98
	Ant1	2457	2459.48	12.47
	Ant2	2457	2455.75	13.41
	Ant1	2462	2455.76	13.33
	Ant2	2462	2457.91	13.53
11BE40MIMO	Ant1	2422	2416.99	10.07
	Ant2	2422	2419.55	10.03
	Ant1	2437	2432.02	13.72
	Ant2	2437	2432.01	14.44
	Ant1	2452	2447.02	11.11
	Ant2	2452	2449.50	10.93

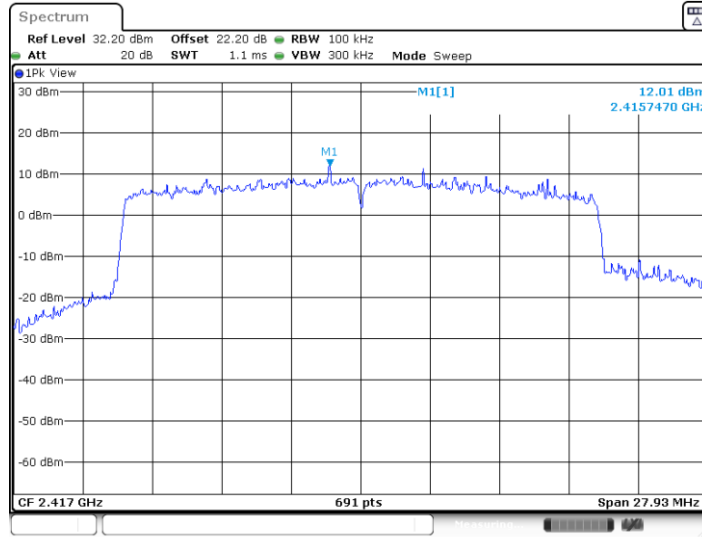


Test Graphs



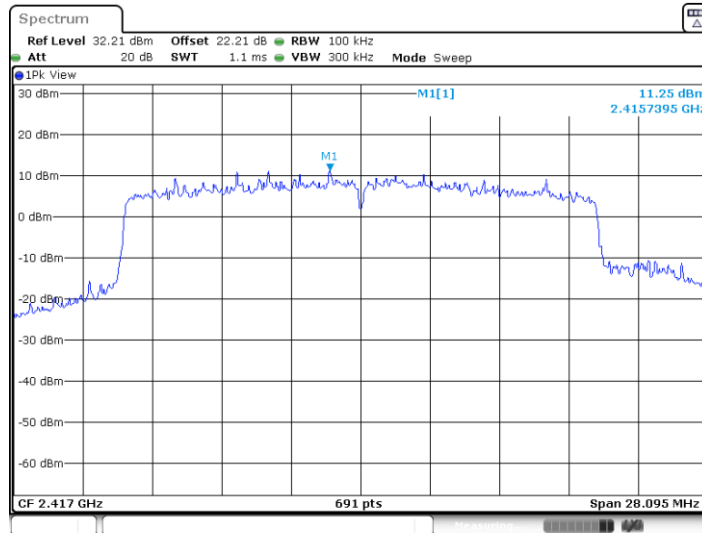


11BE20MIMO_Ant1_2417



Date: 14.SEP.2025 10:34:34

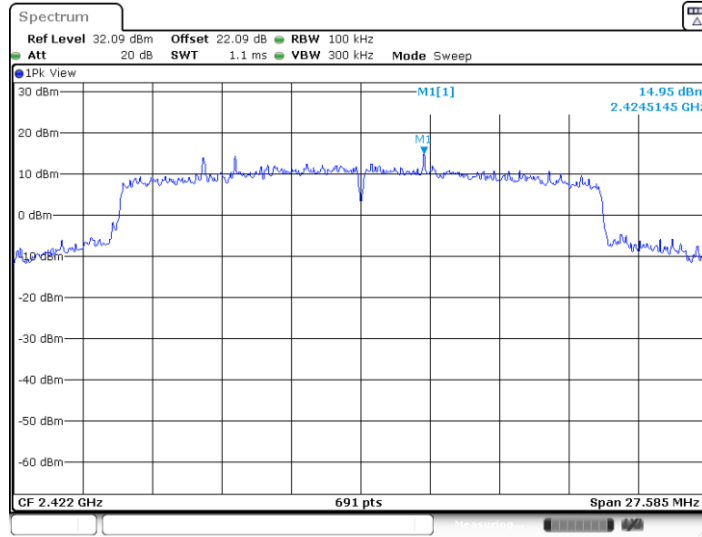
11BE20MIMO_Ant2_2417



Date: 14.SEP.2025 10:36:32

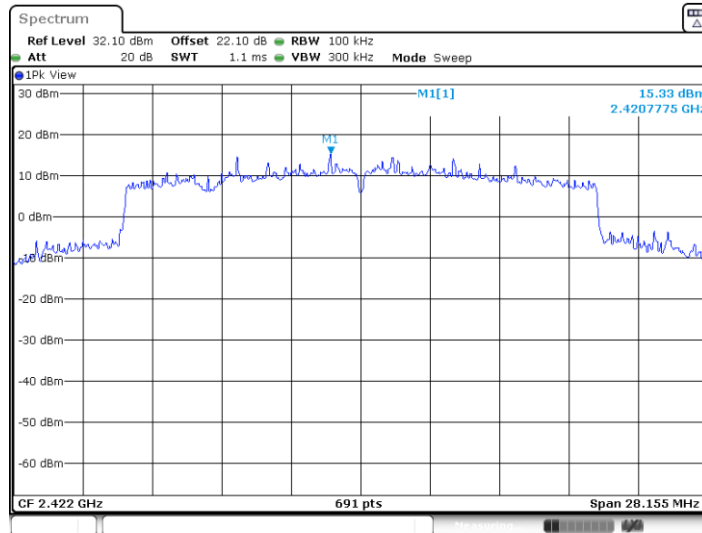


11BE20MIMO_Ant1_2422



Date: 14.SEP.2025 10:39:09

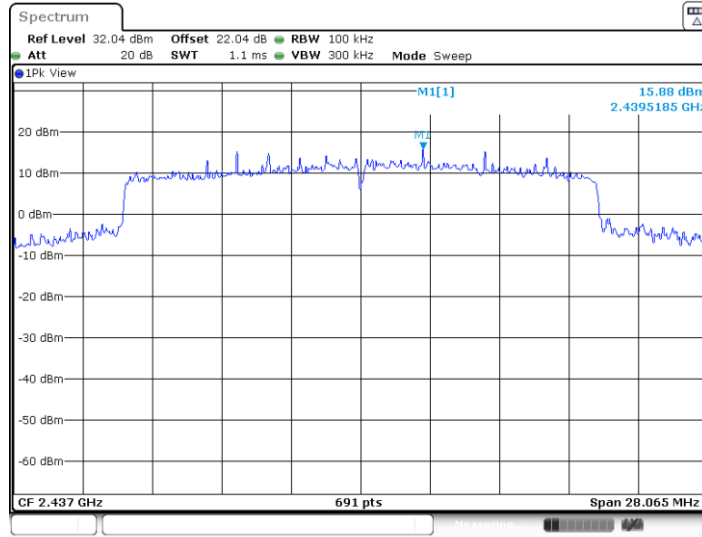
11BE20MIMO_Ant2_2422



Date: 14.SEP.2025 10:41:08

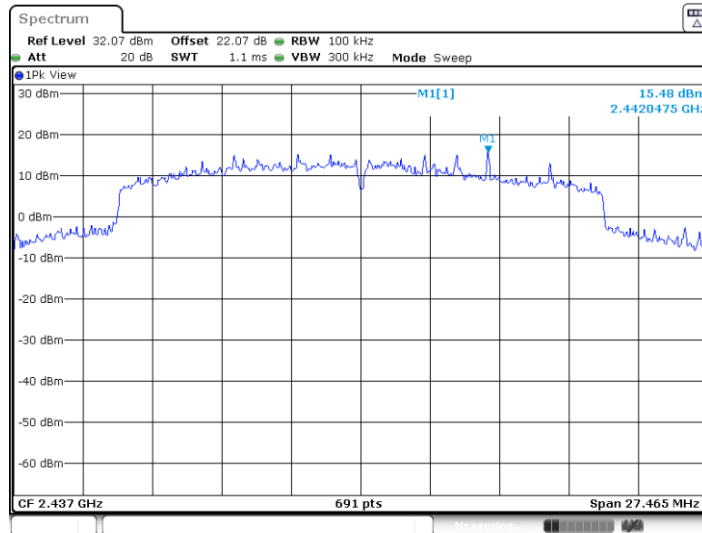


11BE20MIMO_Ant1_2437



Date: 3.SEP.2025 11:12:13

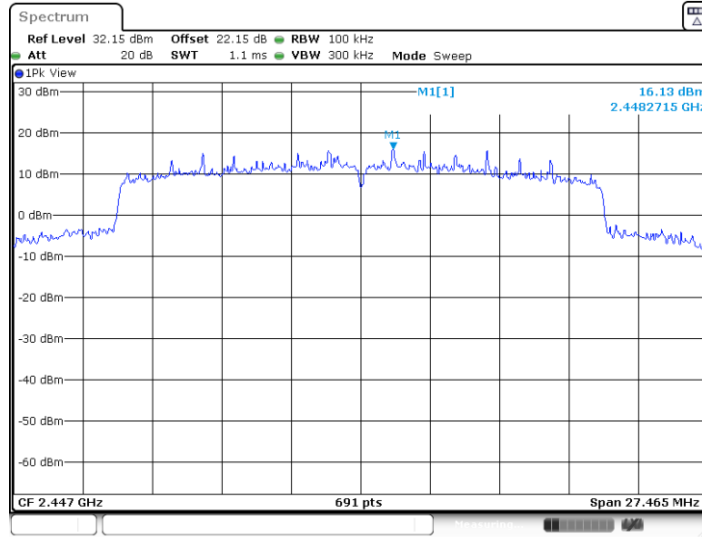
11BE20MIMO_Ant2_2437



Date: 3.SEP.2025 11:13:50

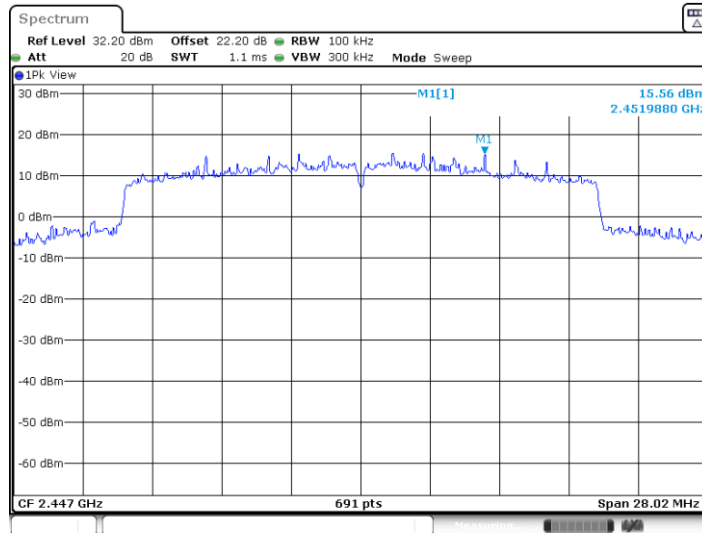


11BE20MIMO_Ant1_2447



Date: 14.SEP.2025 10:43:38

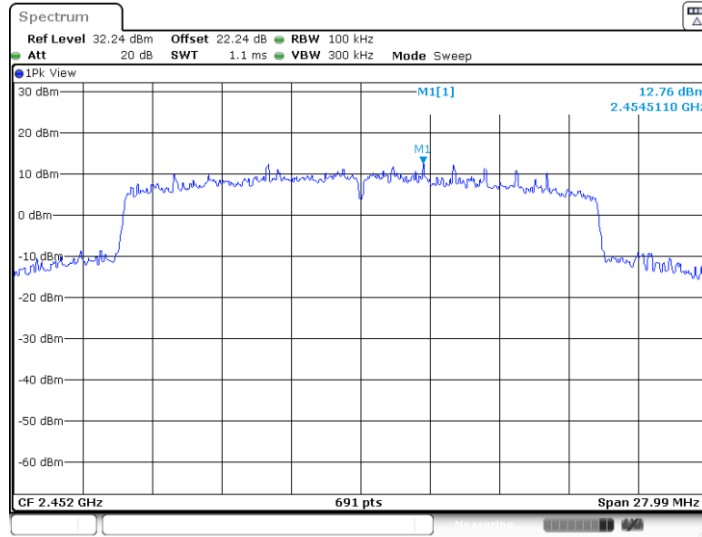
11BE20MIMO_Ant2_2447



Date: 14.SEP.2025 10:45:36

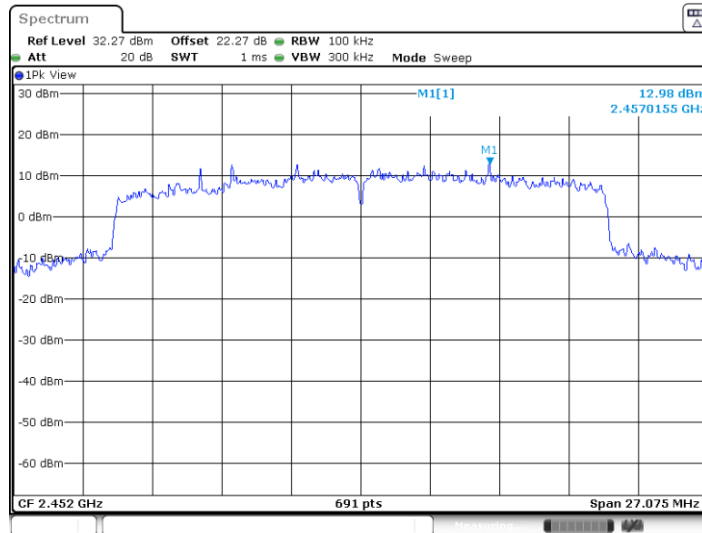


11BE20MIMO_Ant1_2452



Date: 14.SEP.2025 10:51:20

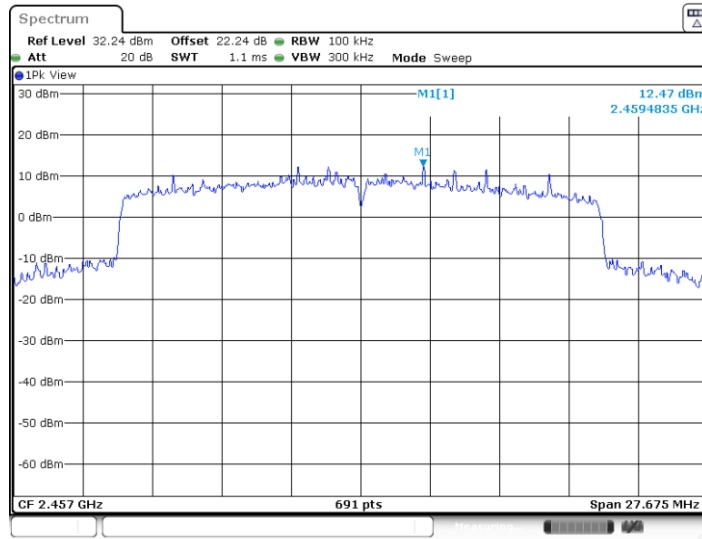
11BE20MIMO_Ant2_2452



Date: 14.SEP.2025 10:53:19

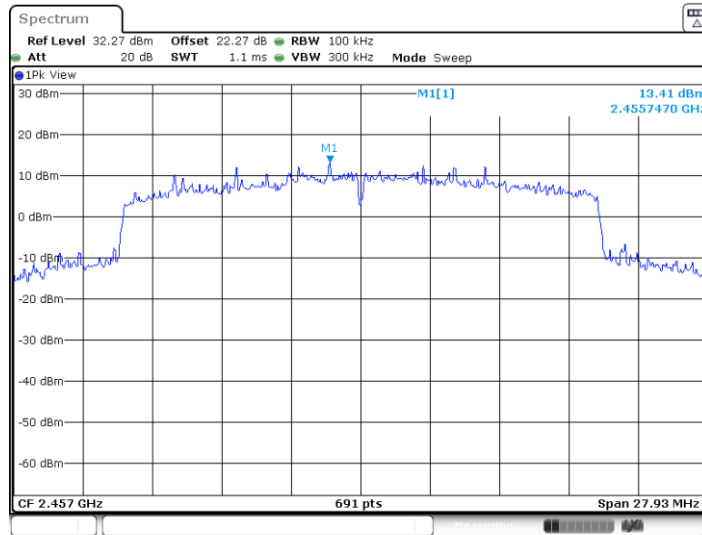


11BE20MIMO_Ant1_2457



Date: 14.SEP.2025 10:55:33

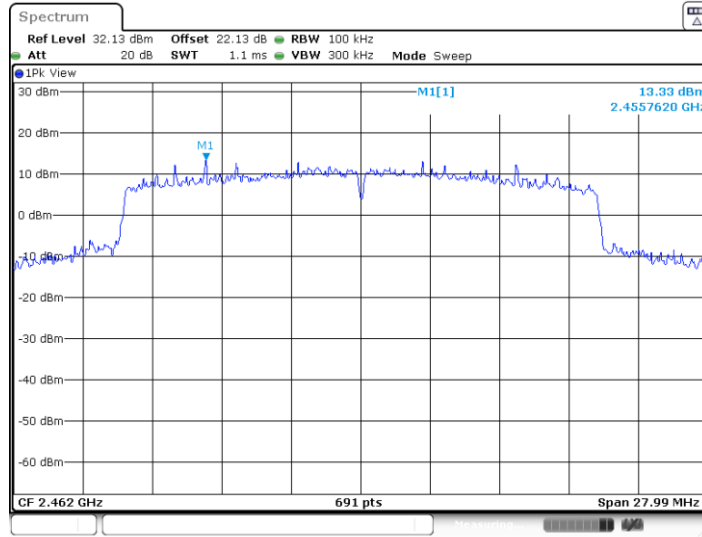
11BE20MIMO_Ant2_2457



Date: 14.SEP.2025 10:57:32

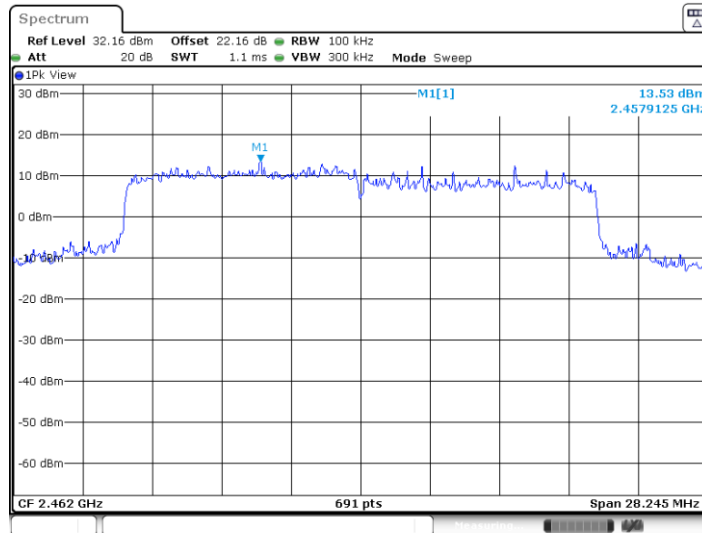


11BE20MIMO_Ant1_2462



Date: 3.SEP.2025 11:21:07

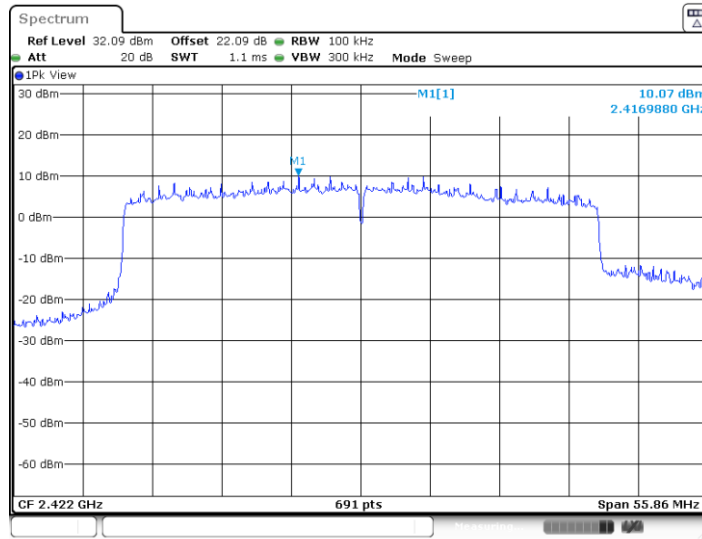
11BE20MIMO_Ant2_2462



Date: 3.SEP.2025 11:23:05

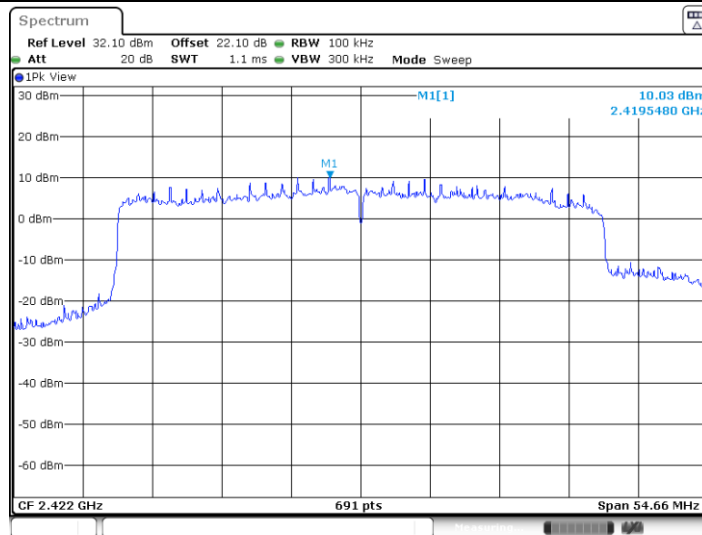


11BE40MIMO_Ant1_2422



Date: 3.SEP.2025 11:56:02

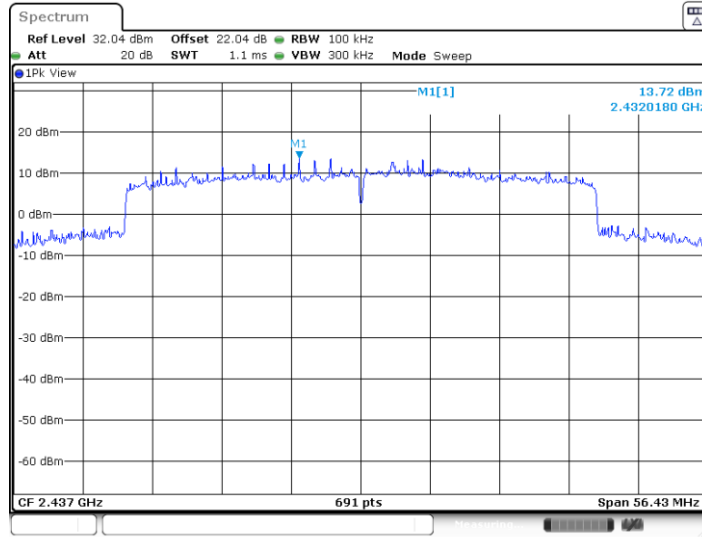
11BE40MIMO_Ant2_2422



Date: 3.SEP.2025 11:58:04

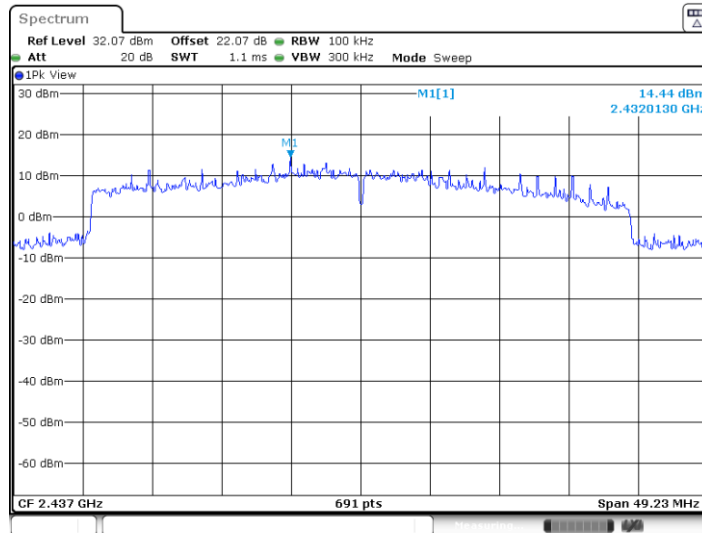


11BE40MIMO_Ant1_2437



Date: 3.SEP.2025 12:00:34

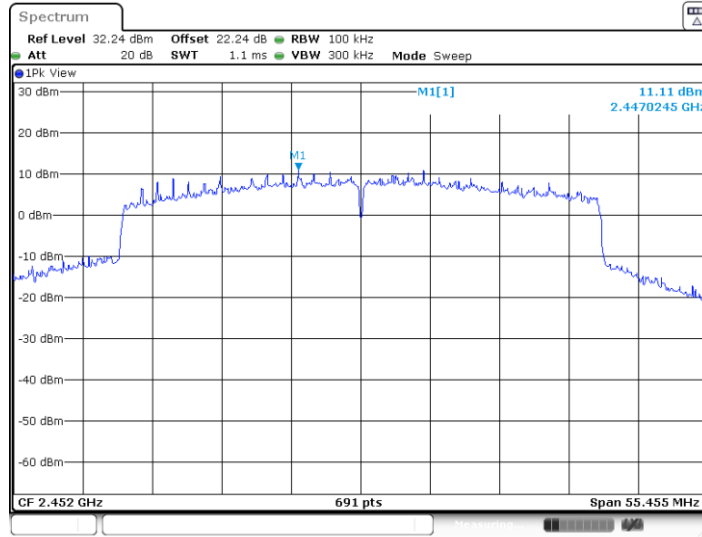
11BE40MIMO_Ant2_2437



Date: 3.SEP.2025 12:02:11

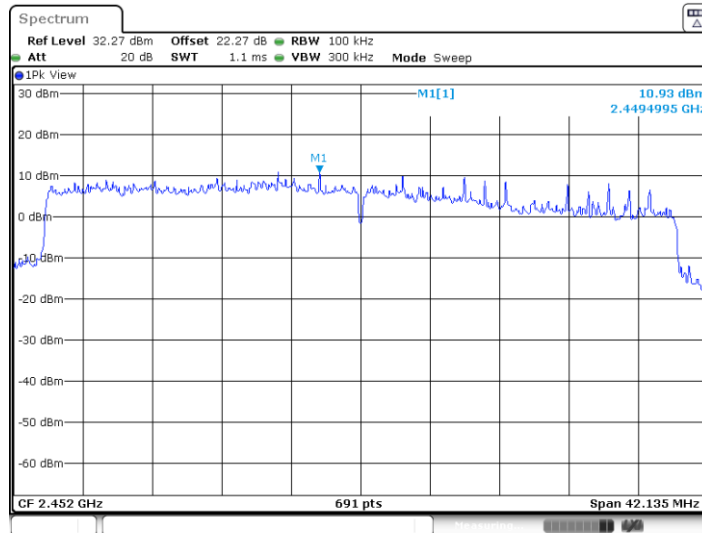


11BE40MIMO_Ant1_2452



Date: 3.SEP.2025 12:07:39

11BE40MIMO_Ant2_2452



Date: 3.SEP.2025 12:09:37

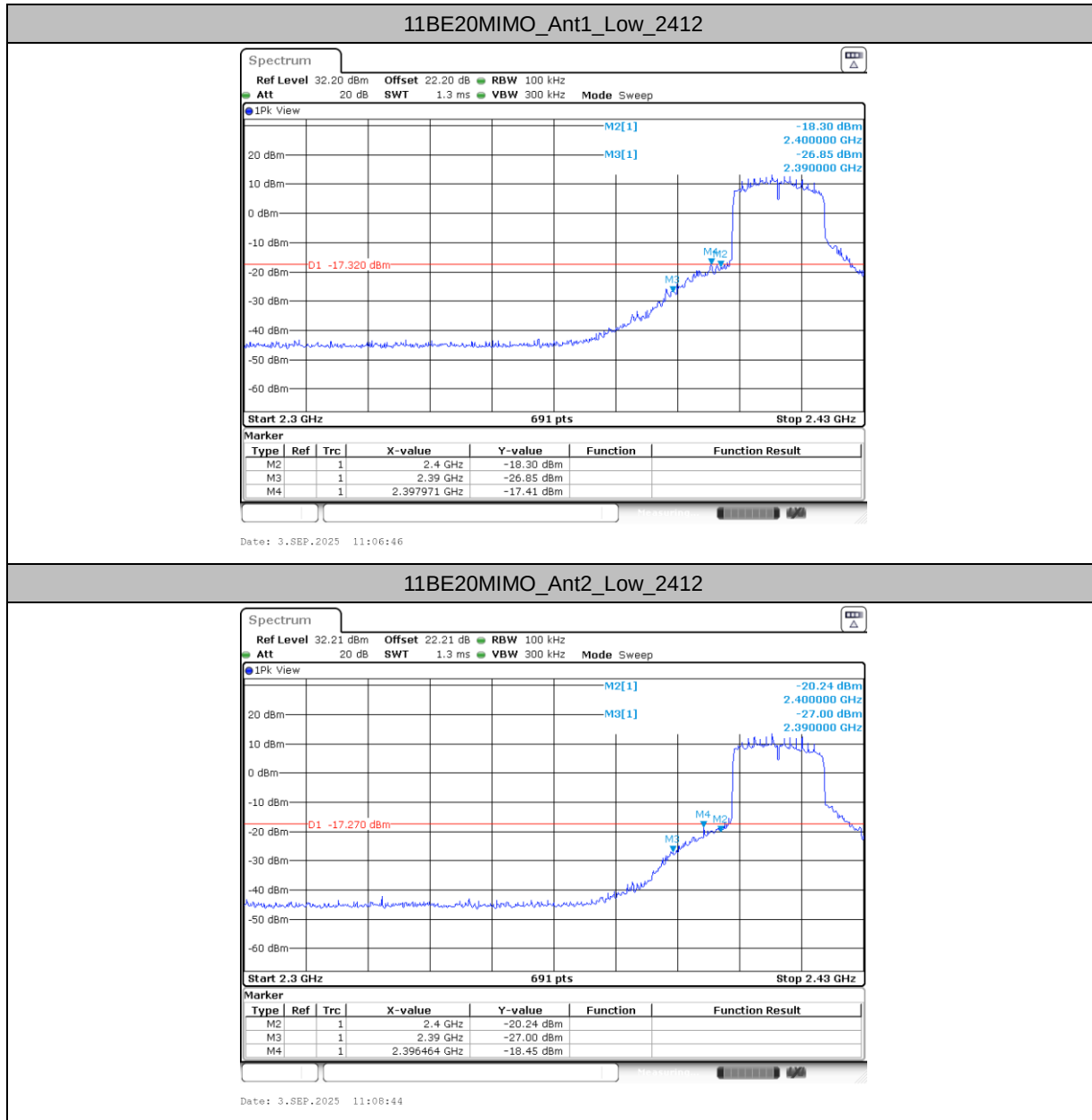
Band edge measurements

Test Result

TestMode	Antenna	ChName	Freq(MHz)	RefLevel[dBm /100KHz]	Result[dBm /100KHz]	Limit[dBm /100KHz]	Verdict
11BE20MIMO	Ant1	Low	2412	12.68	-17.41	≤-17.32	PASS
	Ant2	Low	2412	12.73	-18.45	≤-17.27	PASS
	Ant1	Low	2417	12.01	-27.78	≤-17.99	PASS
	Ant2	Low	2417	11.25	-24.84	≤-18.75	PASS
	Ant1	Low	2422	14.95	-19.78	≤-15.05	PASS
	Ant2	Low	2422	15.33	-19.3	≤-14.67	PASS
	Ant1	High	2447	16.13	-35.29	≤-13.87	PASS
	Ant2	High	2447	15.56	-34.07	≤-14.44	PASS
	Ant1	High	2452	12.76	-39.84	≤-17.24	PASS
	Ant2	High	2452	12.98	-39.57	≤-17.02	PASS
	Ant1	High	2457	12.47	-37.54	≤-17.53	PASS
	Ant2	High	2457	13.41	-34.89	≤-16.59	PASS
	Ant1	High	2462	13.33	-20.09	≤-16.67	PASS
	Ant2	High	2462	13.53	-18.83	≤-16.47	PASS
11BE40MIMO	Ant1	Low	2422	10.07	-22.05	≤-19.93	PASS
	Ant2	Low	2422	10.03	-22.75	≤-19.97	PASS
	Ant1	High	2452	11.11	-21.24	≤-18.89	PASS
	Ant2	High	2452	10.93	-19.46	≤-19.07	PASS

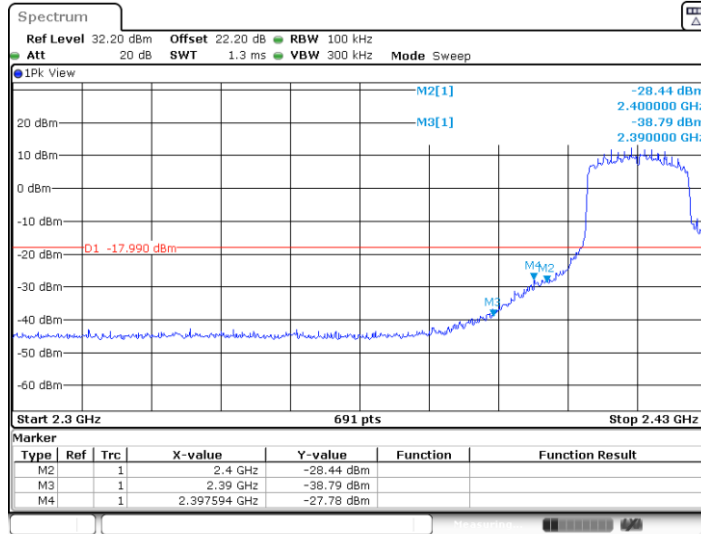


Test Graphs



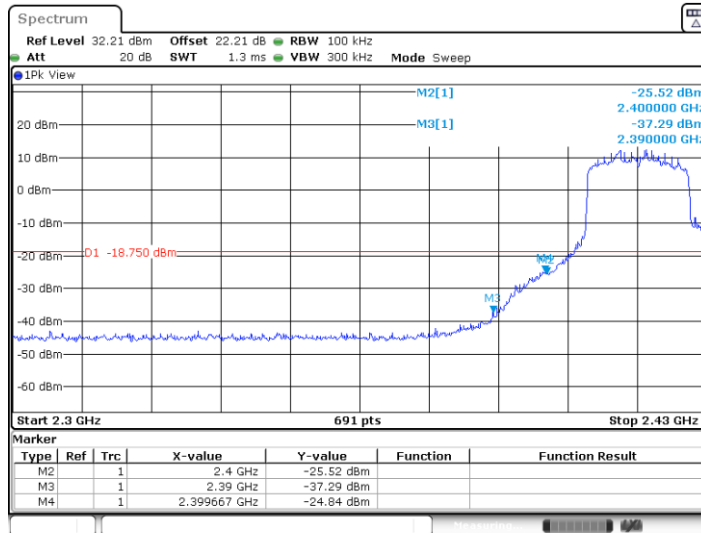


11BE20MIMO_Ant1_Low_2417



Date: 14.SEP.2025 10:34:53

11BE20MIMO_Ant2_Low_2417



Date: 14.SEP.2025 10:36:52