



11BE40MIMO-Ant2-2422-PASS



11BE40MIMO-Ant1-2437-PASS



11BE40MIMO-Ant2-2437-PASS



11BE40MIMO-Ant1-2452-PASS



11BE40MIMO-Ant2-2452-PASS



Appendix C: Maximum power spectral density

Test Result

TestMode	Antenna	Frequency[MHz]	Result[dBm/3-100kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant1	2412	-3.87	≤8.00	PASS
11B	Ant2	2412	-3.29	≤8.00	PASS
11B	Ant1	2437	-4.33	≤8.00	PASS
11B	Ant2	2437	-3.36	≤8.00	PASS
11B	Ant1	2462	-3.35	≤8.00	PASS
11B	Ant2	2462	-3.72	≤8.00	PASS
11G	Ant1	2412	-10.08	≤8.00	PASS
11G	Ant2	2412	-9.88	≤8.00	PASS
11G	Ant1	2437	-9.49	≤8.00	PASS
11G	Ant2	2437	-9.84	≤8.00	PASS
11G	Ant1	2462	-9.33	≤8.00	PASS
11G	Ant2	2462	-8.99	≤8.00	PASS
11N20MIMO	Ant1	2412	-11.81	≤8.00	PASS
11N20MIMO	Ant2	2412	-11.80	≤8.00	PASS
11N20MIMO	total	2412	-8.79	≤8.00	PASS
11N20MIMO	Ant1	2437	-12.40	≤8.00	PASS
11N20MIMO	Ant2	2437	-10.76	≤8.00	PASS
11N20MIMO	total	2437	-8.49	≤8.00	PASS
11N20MIMO	Ant1	2462	-12.40	≤8.00	PASS
11N20MIMO	Ant2	2462	-11.36	≤8.00	PASS
11N20MIMO	total	2462	-8.84	≤8.00	PASS
11N40MIMO	Ant1	2422	-14.87	≤8.00	PASS
11N40MIMO	Ant2	2422	-15.37	≤8.00	PASS
11N40MIMO	total	2422	-12.10	≤8.00	PASS
11N40MIMO	Ant1	2437	-15.02	≤8.00	PASS
11N40MIMO	Ant2	2437	-14.45	≤8.00	PASS
11N40MIMO	total	2437	-11.72	≤8.00	PASS
11N40MIMO	Ant1	2452	-13.63	≤8.00	PASS
11N40MIMO	Ant2	2452	-14.58	≤8.00	PASS
11N40MIMO	total	2452	-11.07	≤8.00	PASS
11AX20MIMO	Ant1	2412	-13.79	≤8.00	PASS
11AX20MIMO	Ant2	2412	-13.59	≤8.00	PASS
11AX20MIMO	total	2412	-10.68	≤8.00	PASS
11AX20MIMO	Ant1	2437	-13.35	≤8.00	PASS
11AX20MIMO	Ant2	2437	-13.59	≤8.00	PASS
11AX20MIMO	total	2437	-10.46	≤8.00	PASS
11AX20MIMO	Ant1	2462	-14.23	≤8.00	PASS
11AX20MIMO	Ant2	2462	-13.92	≤8.00	PASS

11AX20MIMO	total	2462	-11.06	≤8.00	PASS
11AX40MIMO	Ant1	2422	-16.64	≤8.00	PASS
11AX40MIMO	Ant2	2422	-15.89	≤8.00	PASS
11AX40MIMO	total	2422	-13.24	≤8.00	PASS
11AX40MIMO	Ant1	2437	-15.55	≤8.00	PASS
11AX40MIMO	Ant2	2437	-15.79	≤8.00	PASS
11AX40MIMO	total	2437	-12.66	≤8.00	PASS
11AX40MIMO	Ant1	2452	-16.15	≤8.00	PASS
11AX40MIMO	Ant2	2452	-15.16	≤8.00	PASS
11AX40MIMO	total	2452	-12.62	≤8.00	PASS
11BE20MIMO	Ant1	2412	-12.74	≤8.00	PASS
11BE20MIMO	Ant2	2412	-12.67	≤8.00	PASS
11BE20MIMO	total	2412	-9.69	≤8.00	PASS
11BE20MIMO	Ant1	2437	-13.10	≤8.00	PASS
11BE20MIMO	Ant2	2437	-12.55	≤8.00	PASS
11BE20MIMO	total	2437	-9.81	≤8.00	PASS
11BE20MIMO	Ant1	2462	-13.22	≤8.00	PASS
11BE20MIMO	Ant2	2462	-13.25	≤8.00	PASS
11BE20MIMO	total	2462	-10.22	≤8.00	PASS
11BE40MIMO	Ant1	2422	-14.76	≤8.00	PASS
11BE40MIMO	Ant2	2422	-14.21	≤8.00	PASS
11BE40MIMO	total	2422	-11.47	≤8.00	PASS
11BE40MIMO	Ant1	2437	-15.90	≤8.00	PASS
11BE40MIMO	Ant2	2437	-14.25	≤8.00	PASS
11BE40MIMO	total	2437	-11.99	≤8.00	PASS
11BE40MIMO	Ant1	2452	-15.28	≤8.00	PASS
11BE40MIMO	Ant2	2452	-15.00	≤8.00	PASS
11BE40MIMO	total	2452	-12.13	≤8.00	PASS

Test Graphs





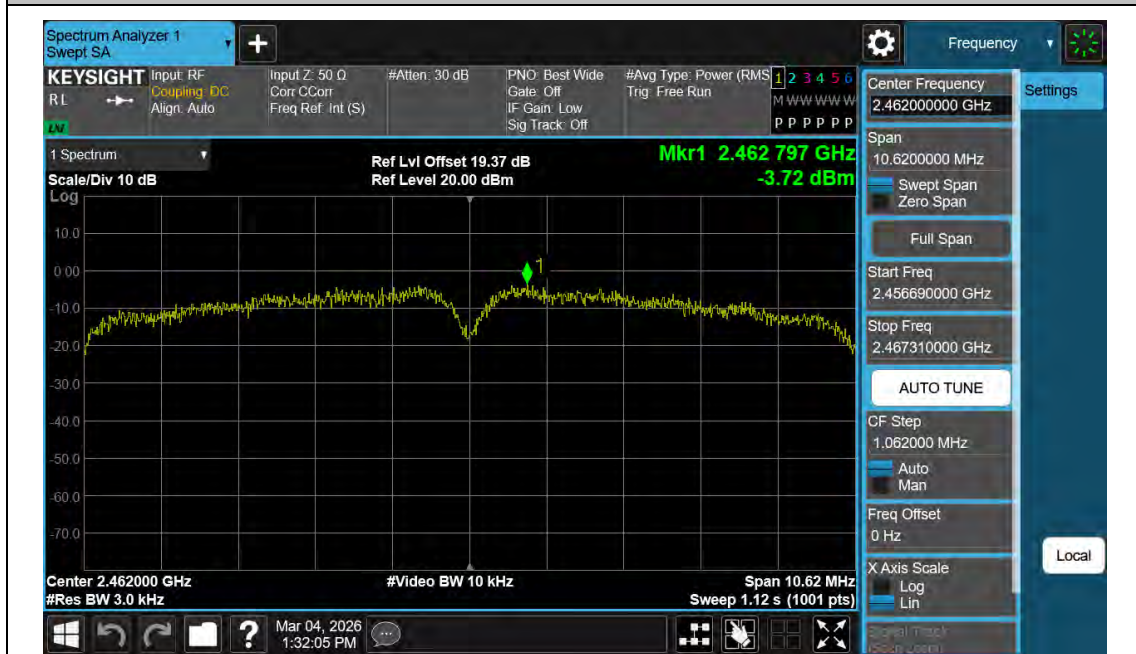
11B-Ant2-2437-PASS



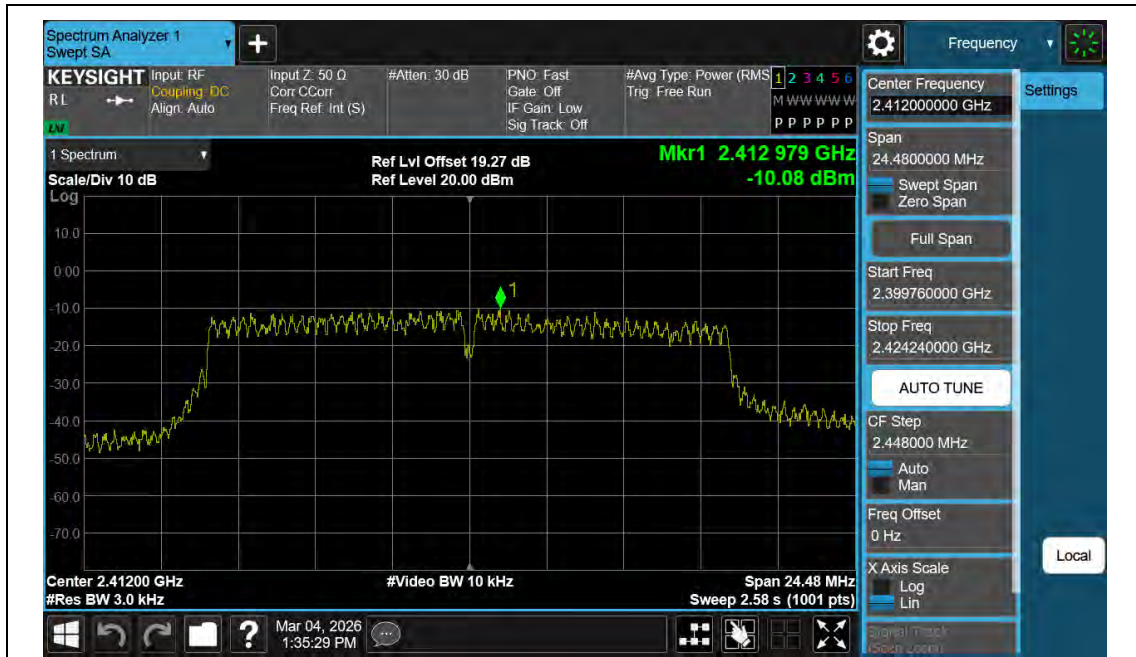
11B-Ant1-2462-PASS



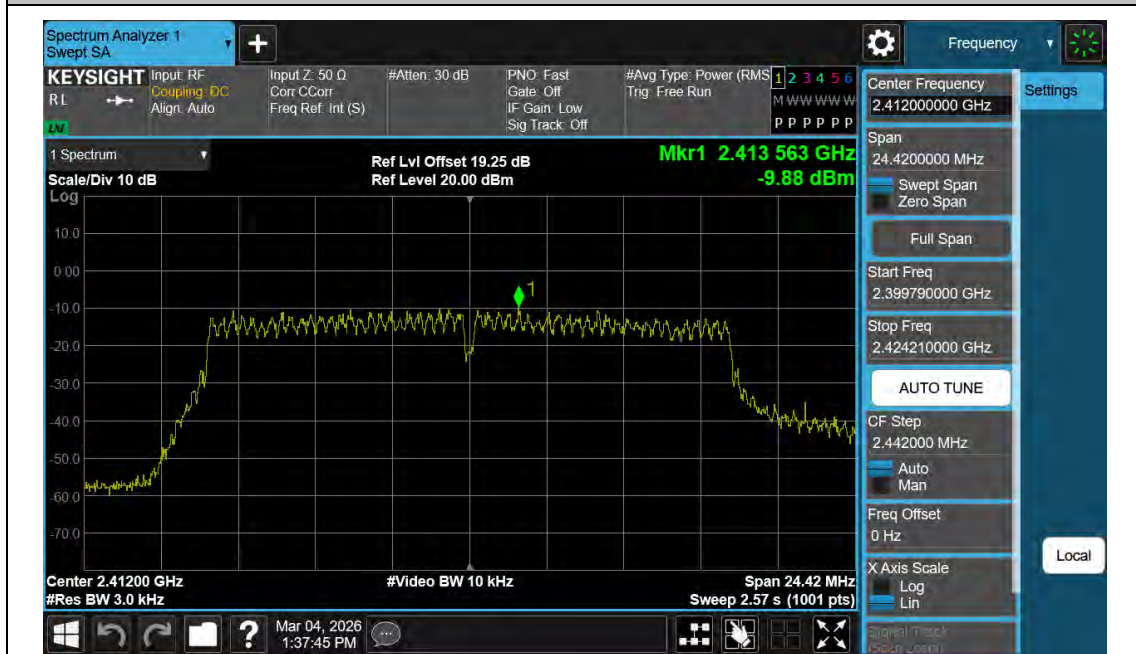
11B-Ant2-2462-PASS



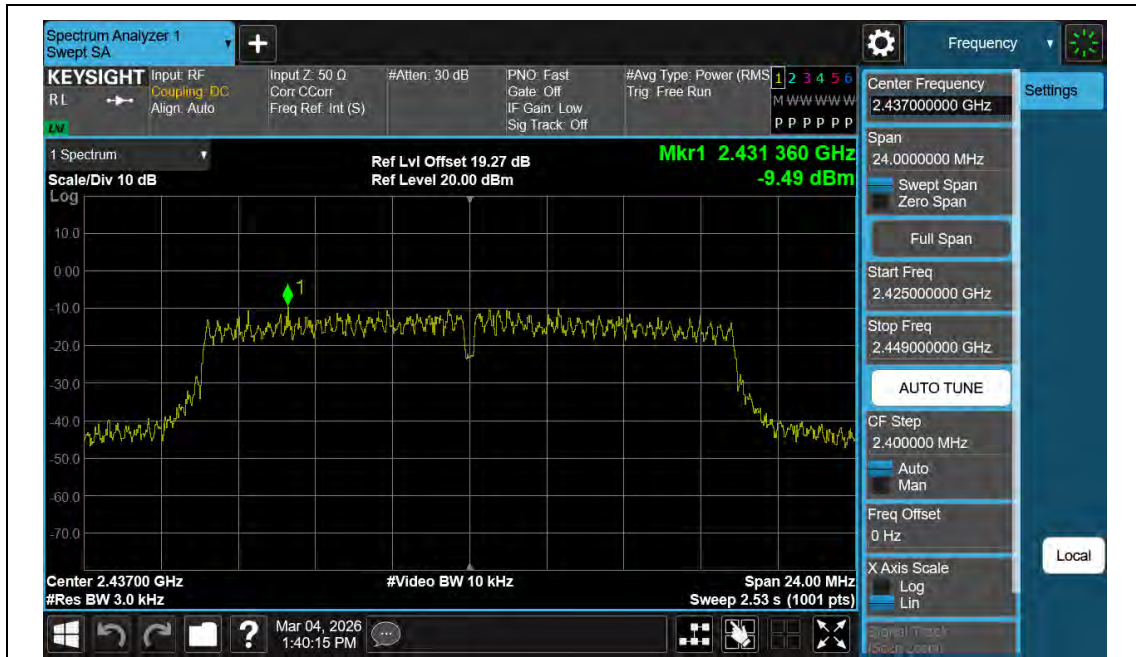
11G-Ant1-2412-PASS



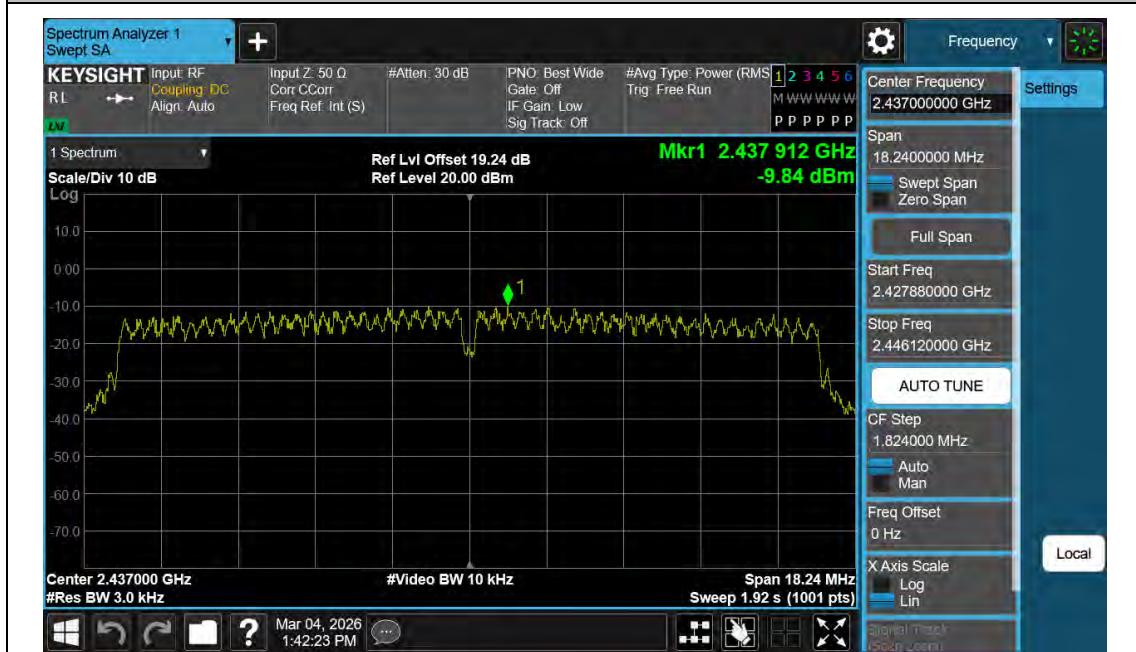
11G-Ant2-2412-PASS



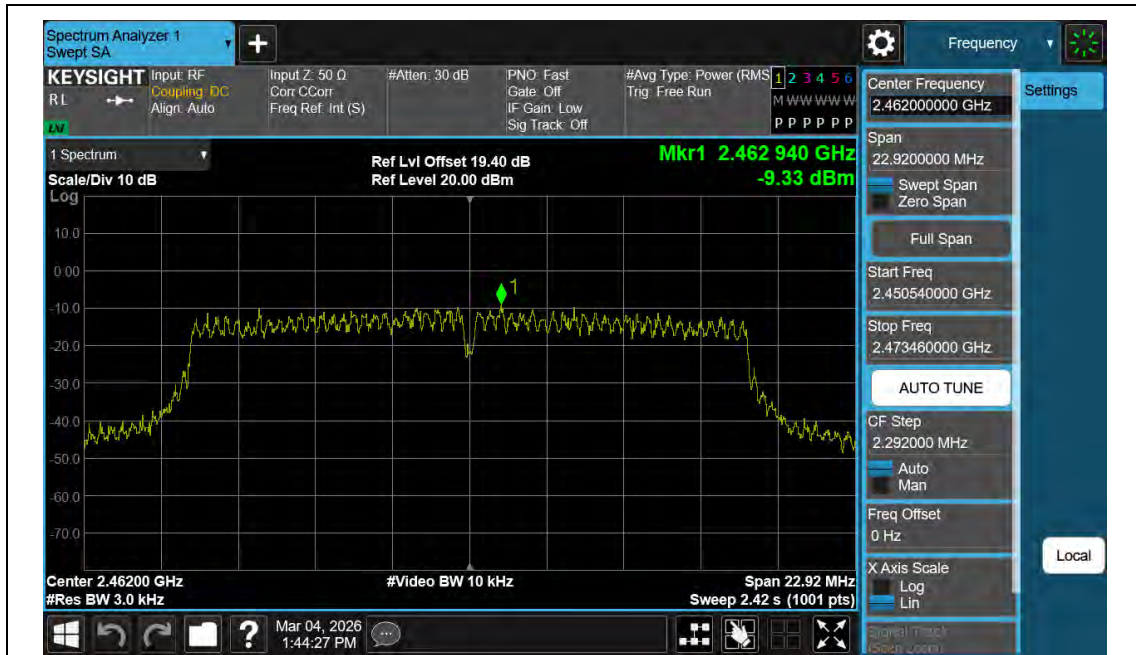
11G-Ant1-2437-PASS



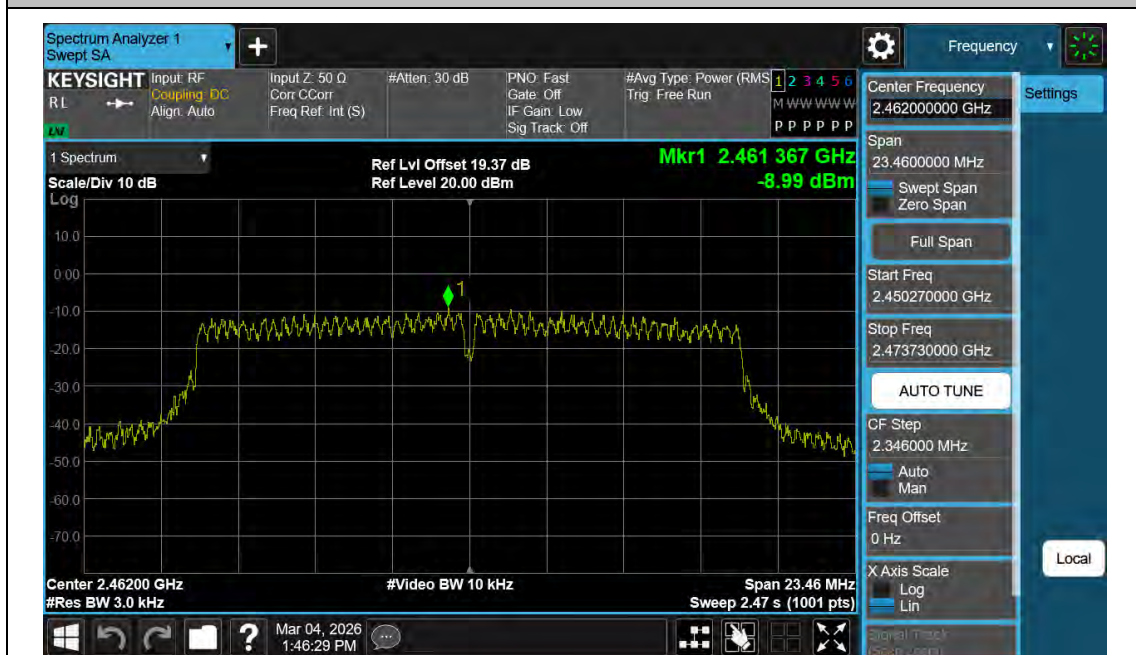
11G-Ant2-2437-PASS



11G-Ant1-2462-PASS



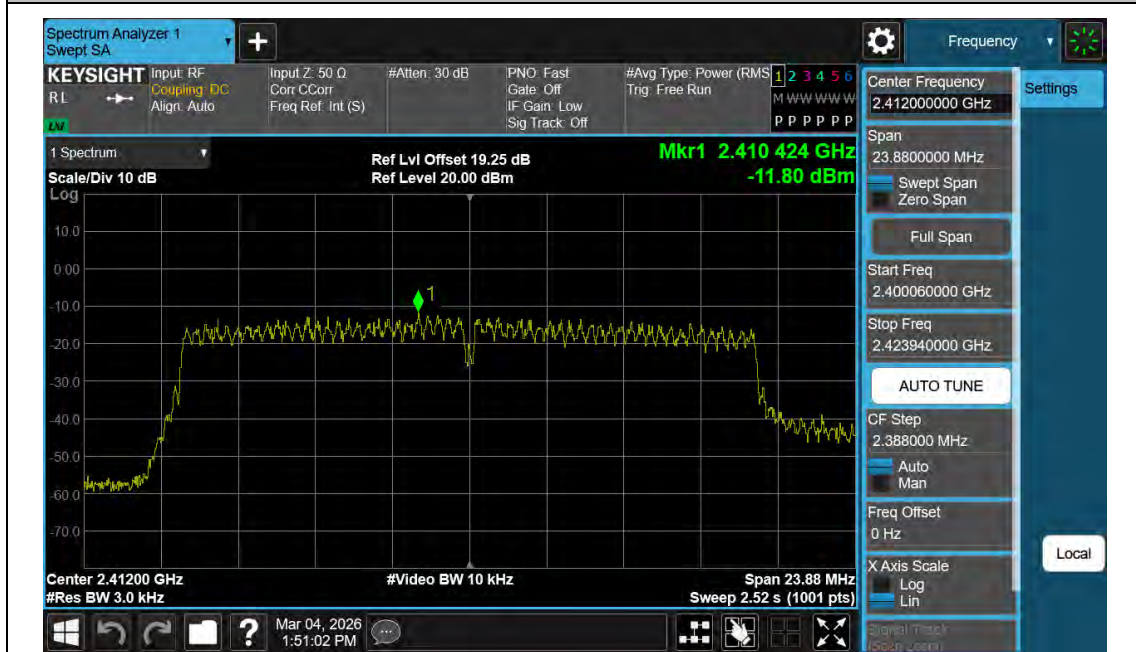
11G-Ant2-2462-PASS



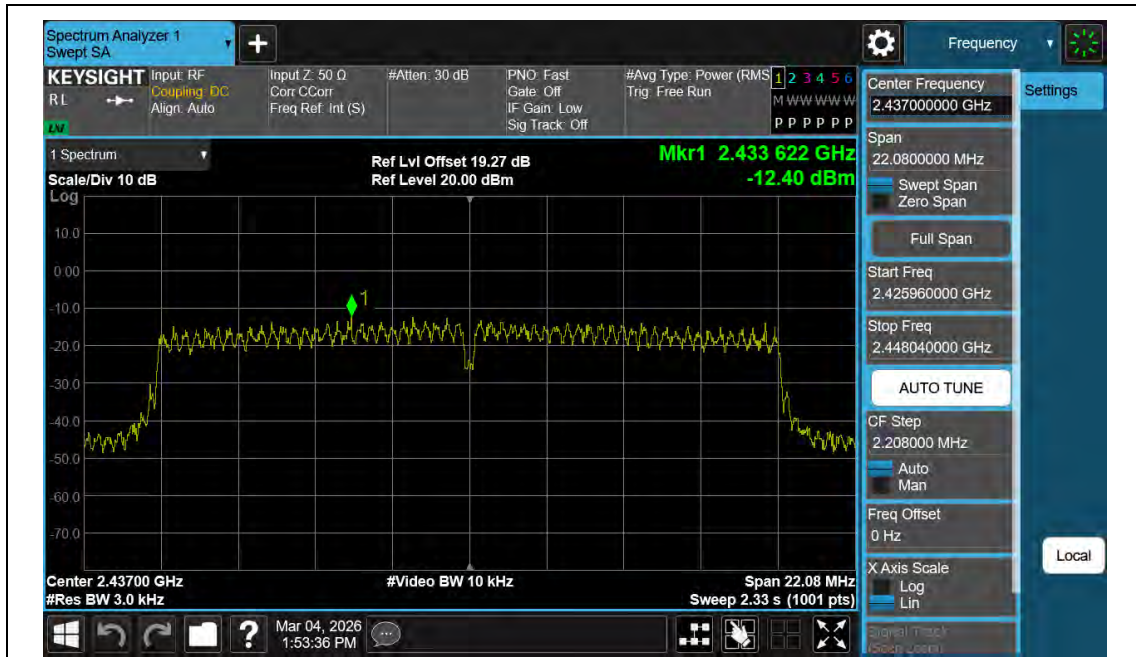
11N20MIMO-Ant1-2412-PASS



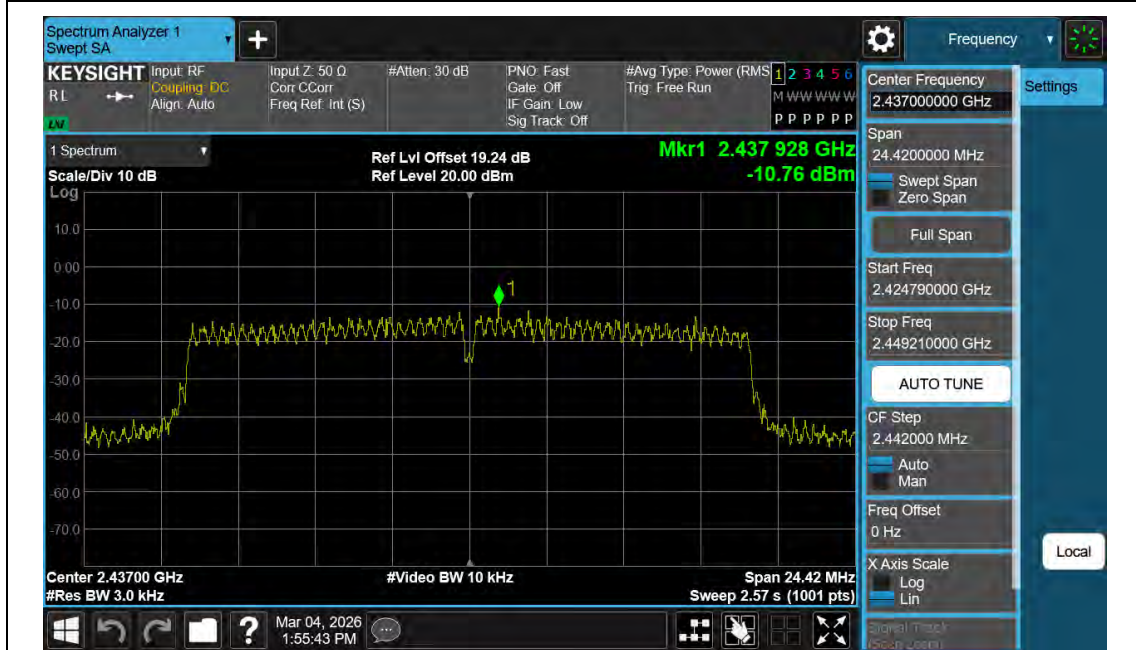
11N20MIMO-Ant2-2412-PASS



11N20MIMO-Ant1-2437-PASS



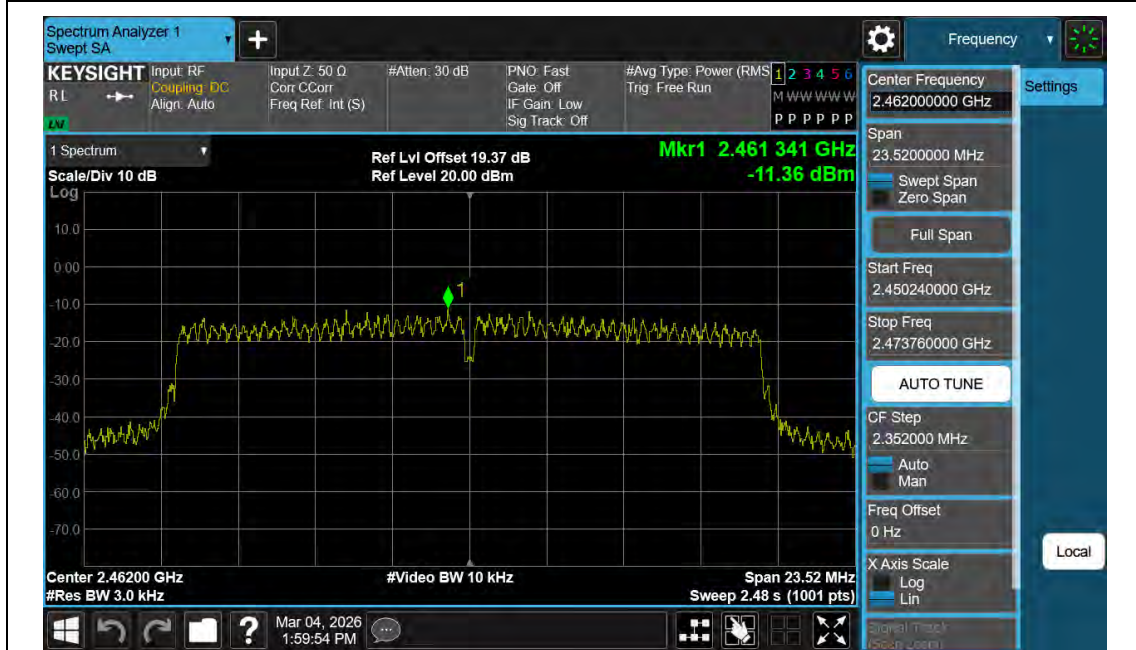
11N20MIMO-Ant2-2437-PASS



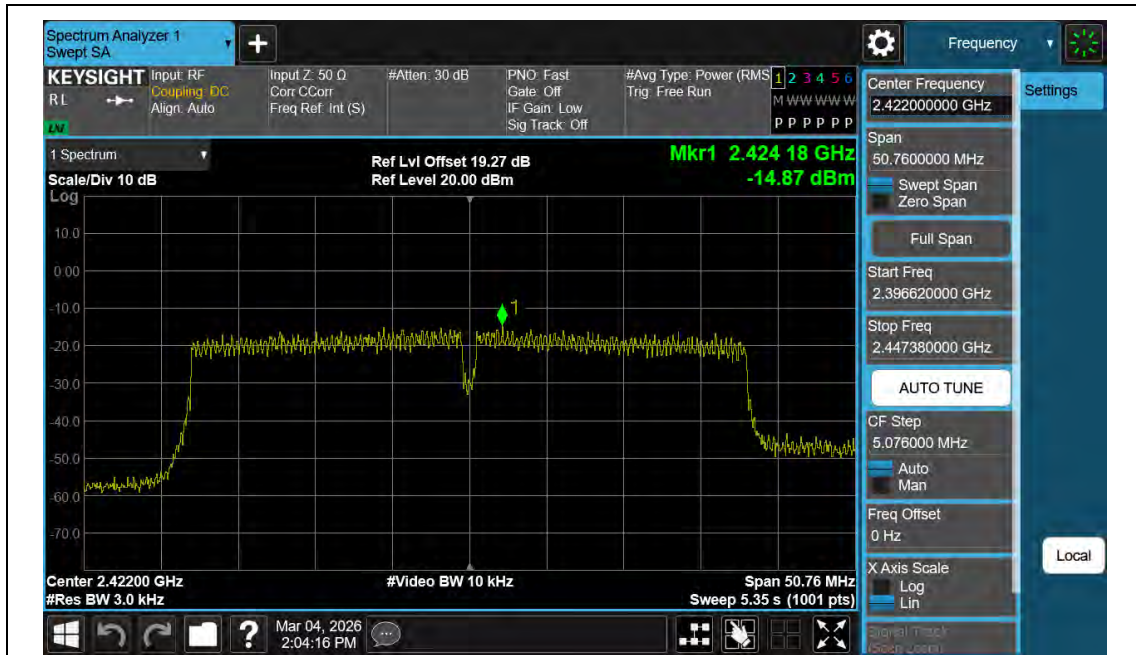
11N20MIMO-Ant1-2462-PASS



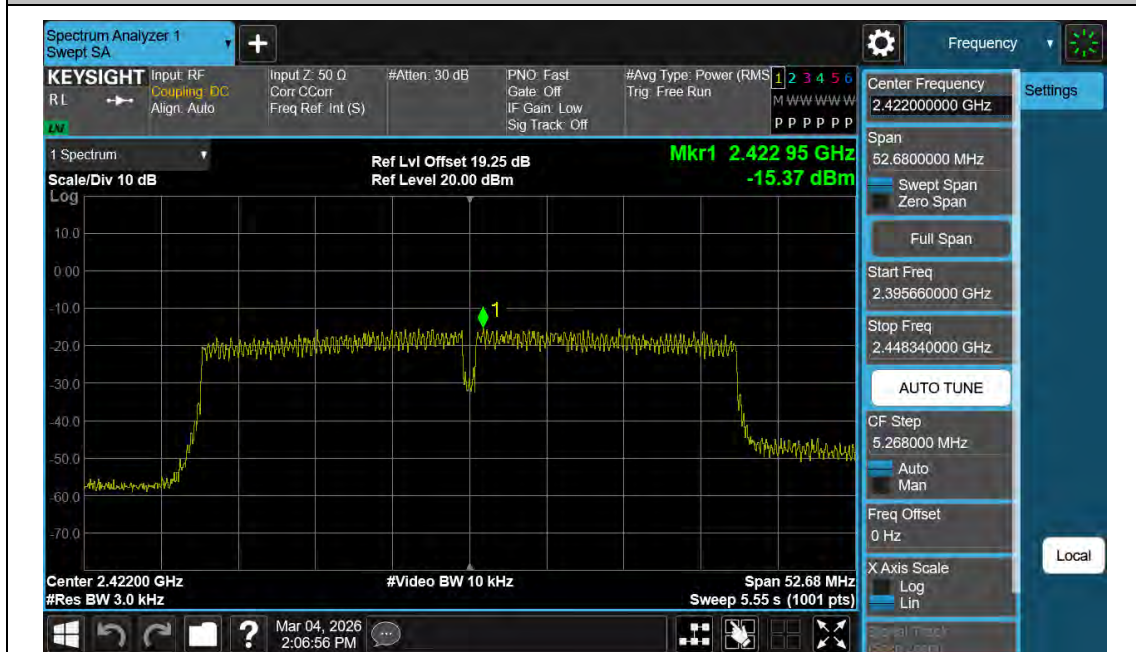
11N20MIMO-Ant2-2462-PASS



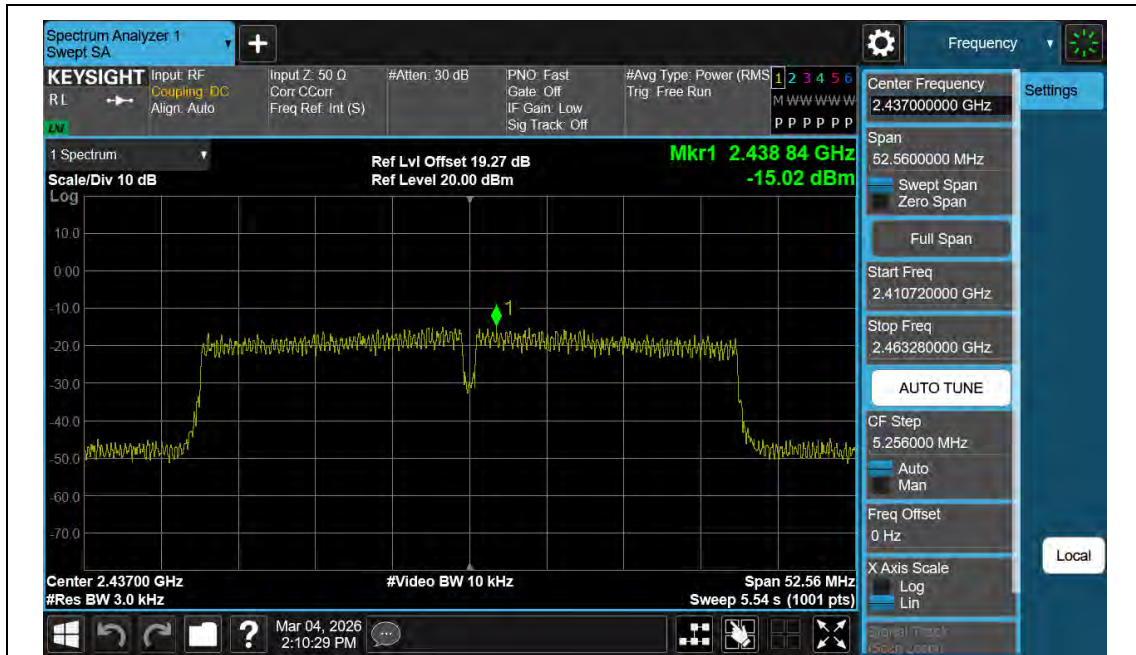
11N40MIMO-Ant1-2422-PASS



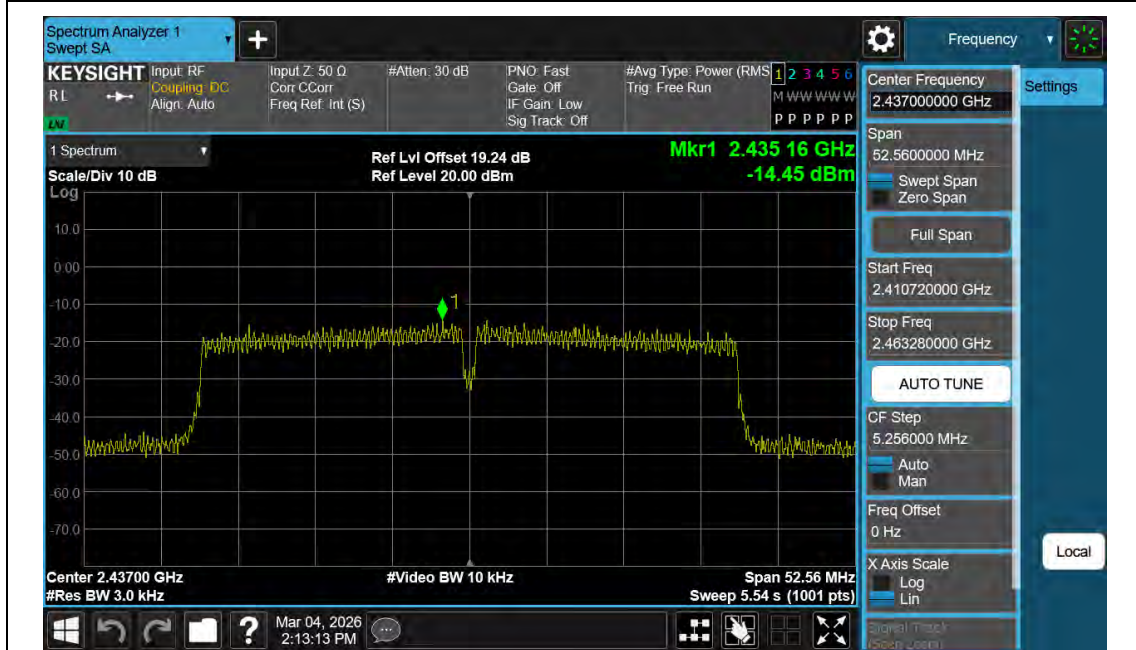
11N40MIMO-Ant2-2422-PASS



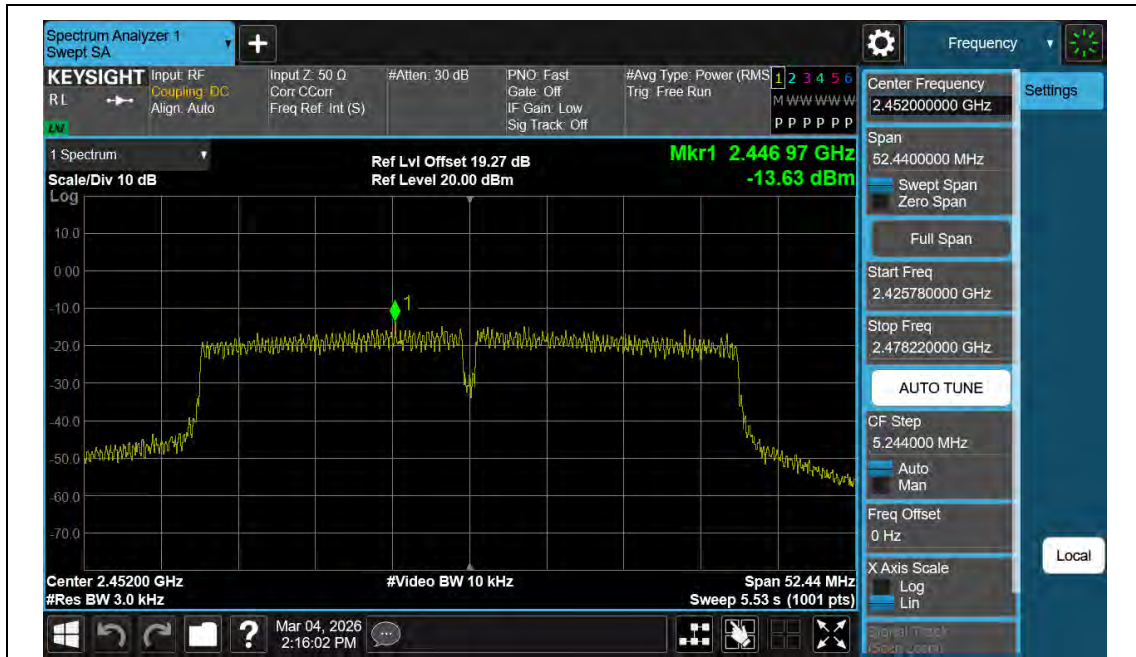
11N40MIMO-Ant1-2437-PASS



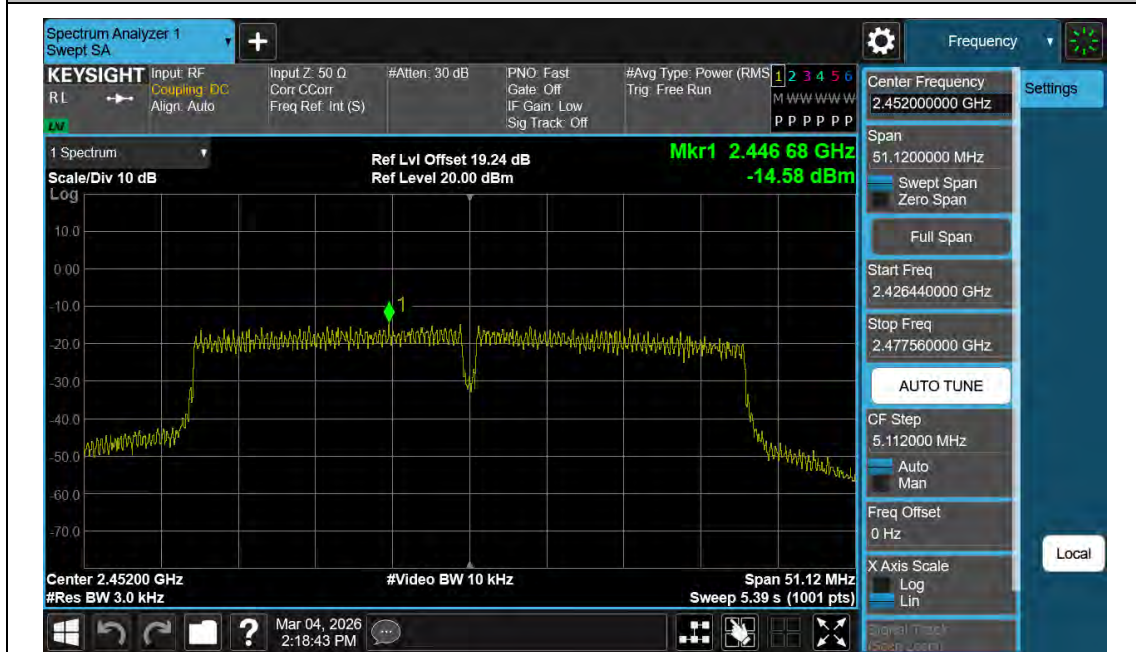
11N40MIMO-Ant2-2437-PASS



11N40MIMO-Ant1-2452-PASS



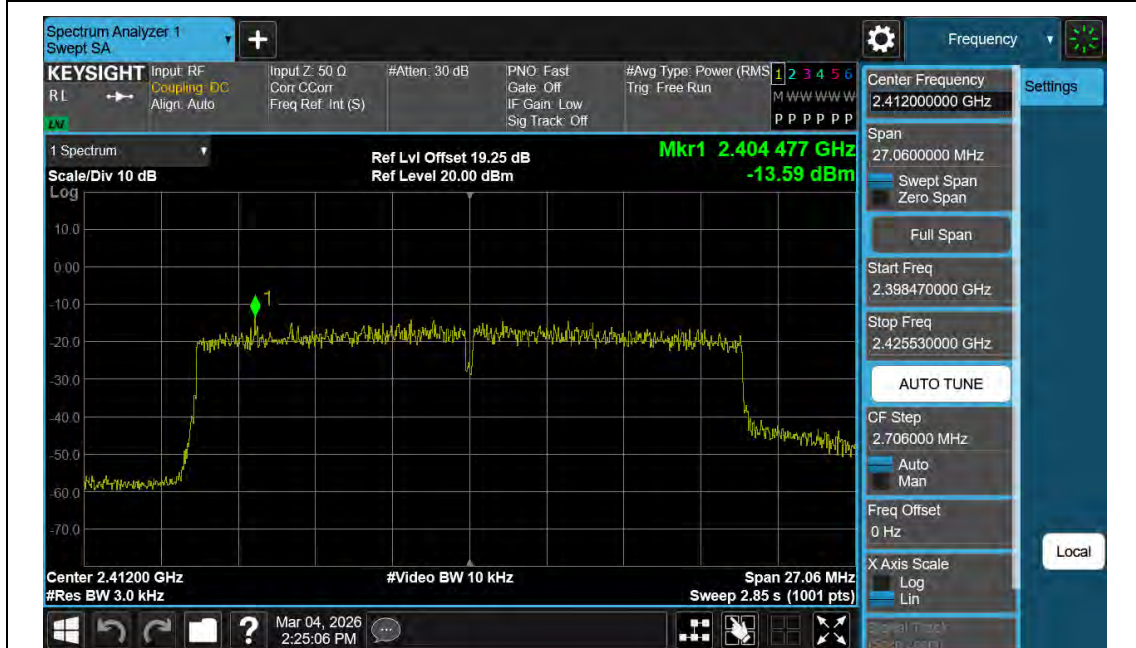
11N40MIMO-Ant2-2452-PASS



11AX20MIMO-Ant1-2412-PASS



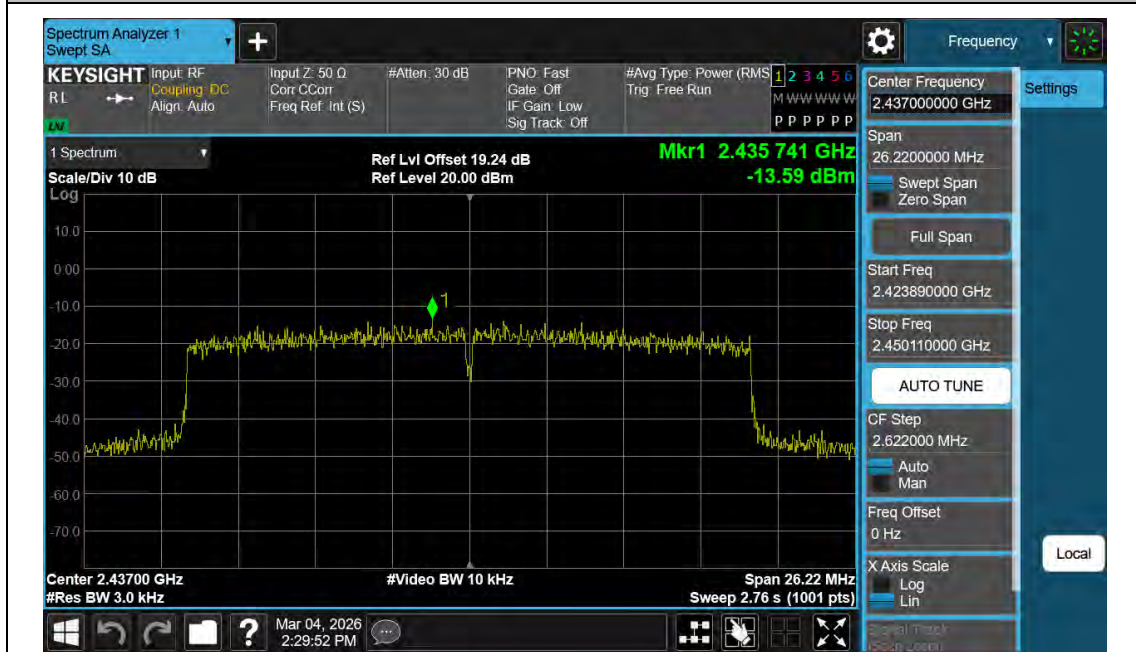
11AX20MIMO-Ant2-2412-PASS



11AX20MIMO-Ant1-2437-PASS



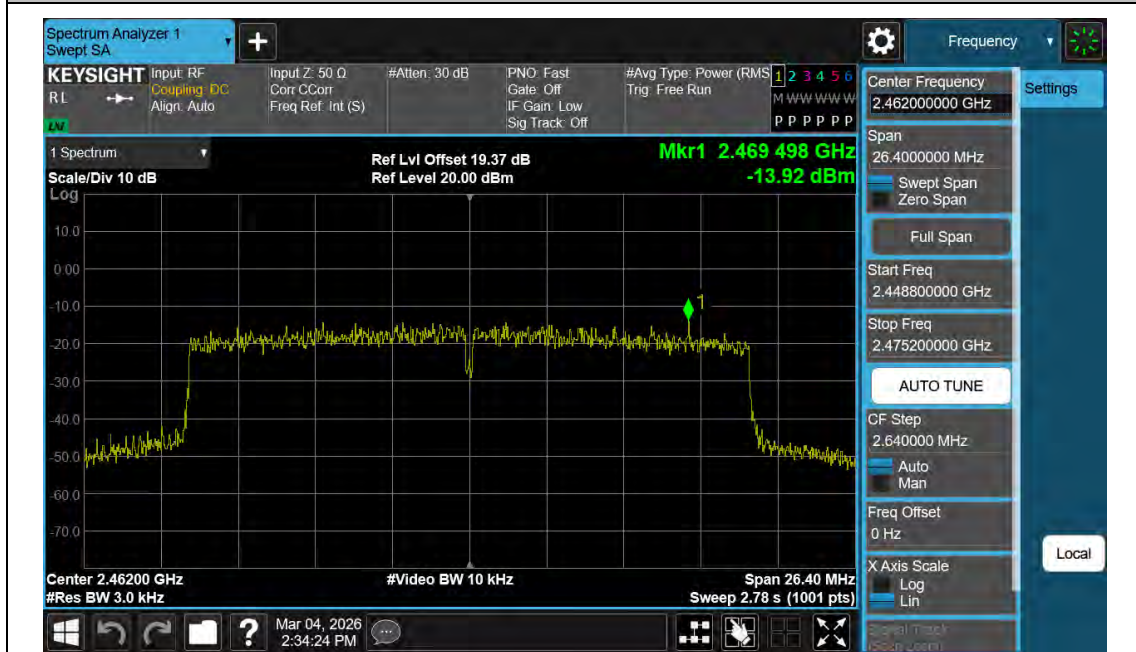
11AX20MIMO-Ant2-2437-PASS



11AX20MIMO-Ant1-2462-PASS



11AX20MIMO-Ant2-2462-PASS



11AX40MIMO-Ant1-2422-PASS



11AX40MIMO-Ant2-2422-PASS



11AX40MIMO-Ant1-2437-PASS



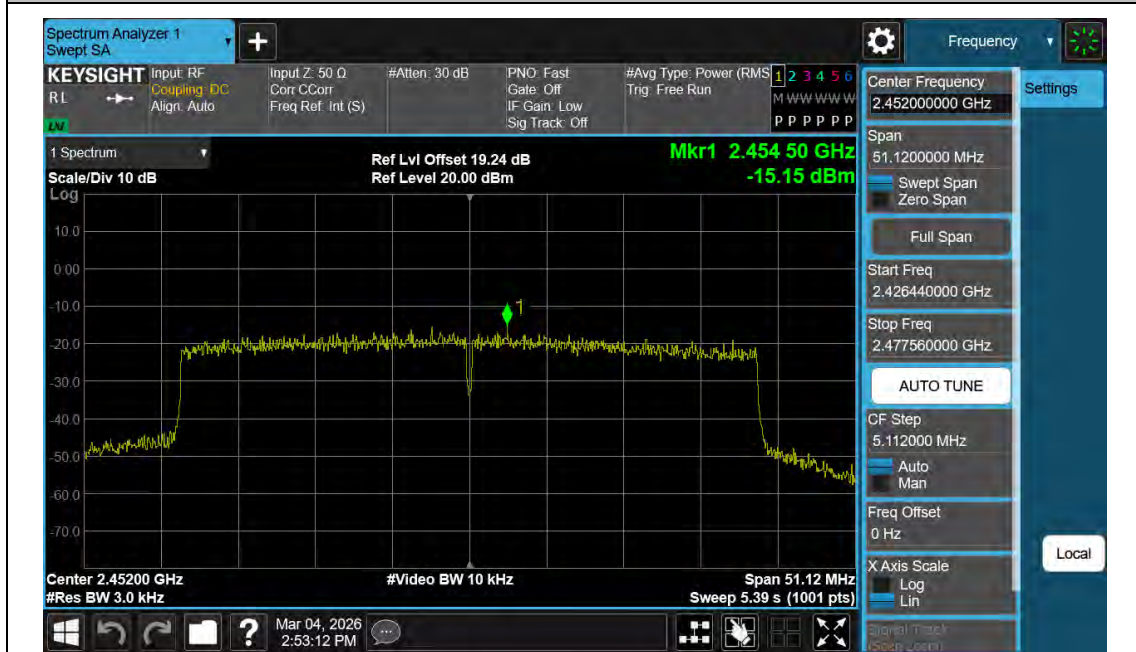
11AX40MIMO-Ant2-2437-PASS



11AX40MIMO-Ant1-2452-PASS



11AX40MIMO-Ant2-2452-PASS



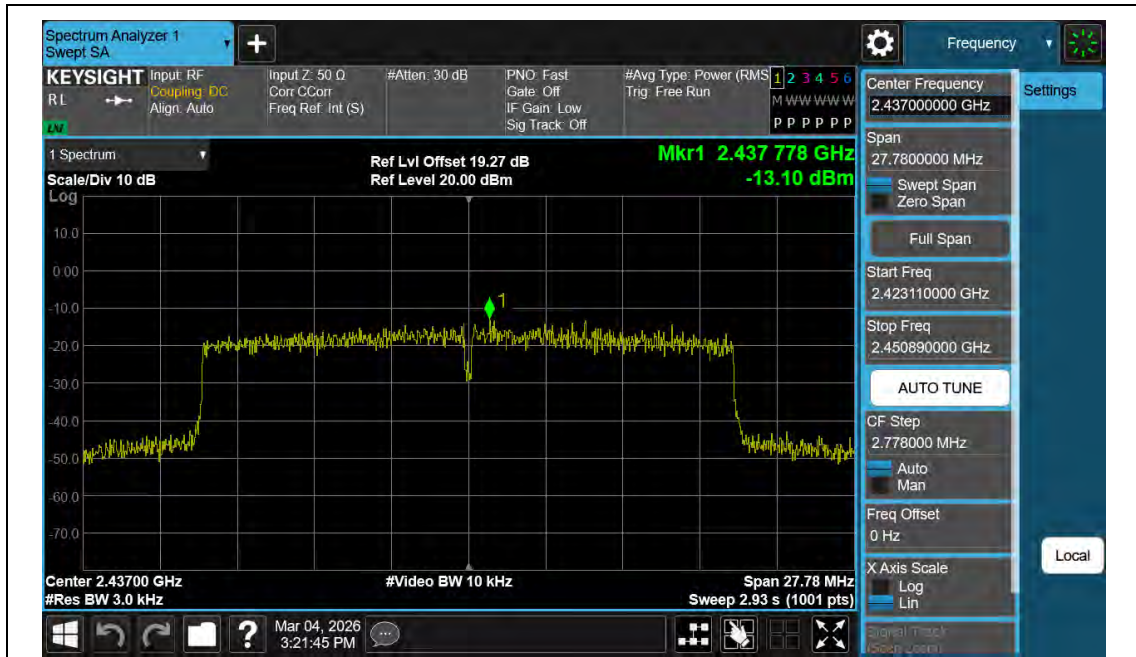
11BE20MIMO-Ant1-2412-PASS



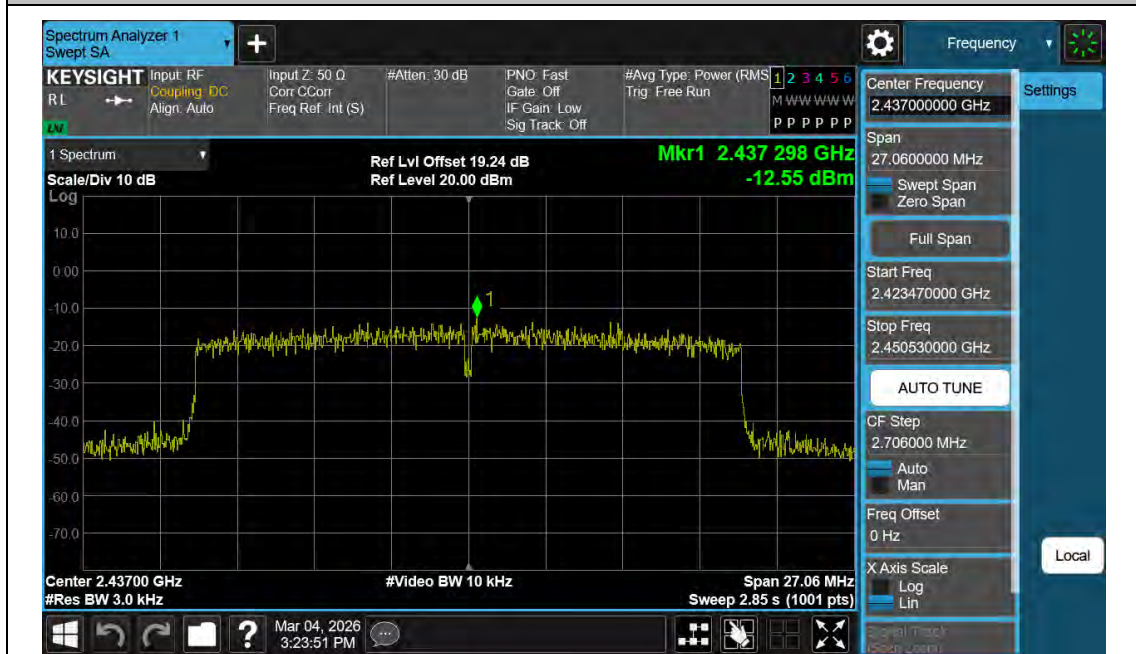
11BE20MIMO-Ant2-2412-PASS



11BE20MIMO-Ant1-2437-PASS



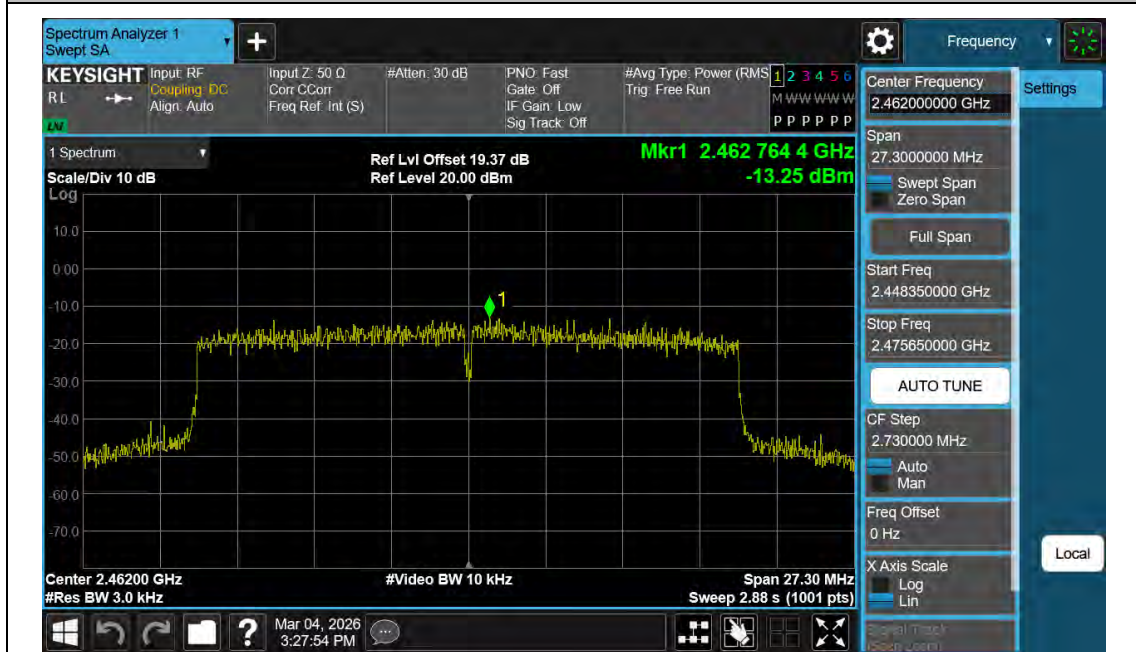
11BE20MIMO-Ant2-2437-PASS



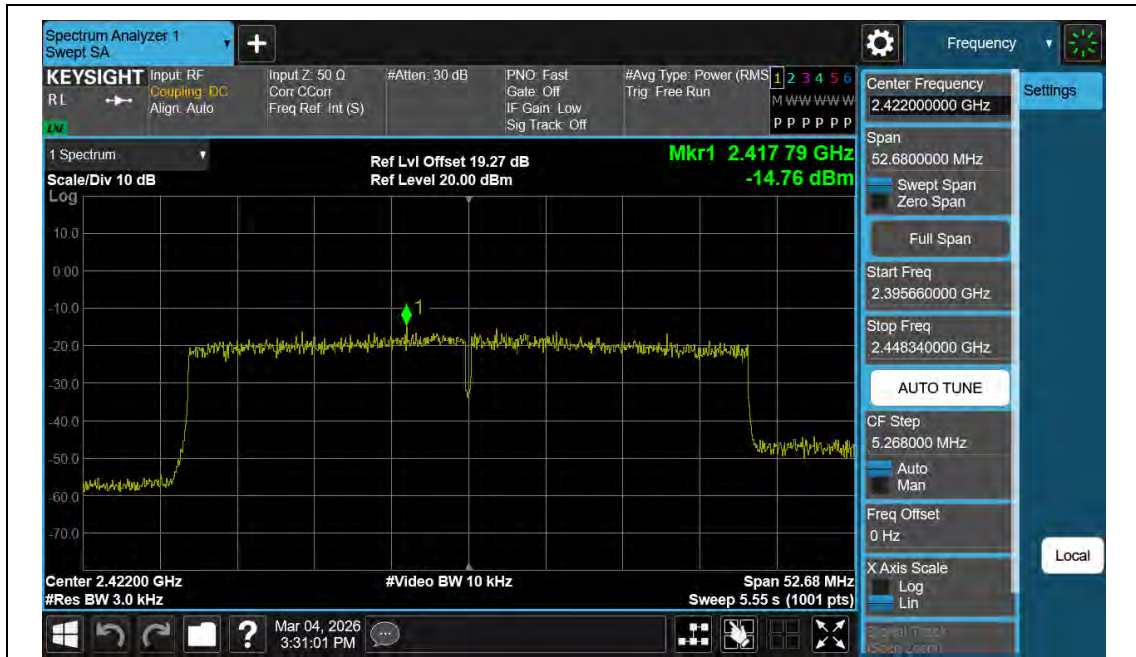
11BE20MIMO-Ant1-2462-PASS



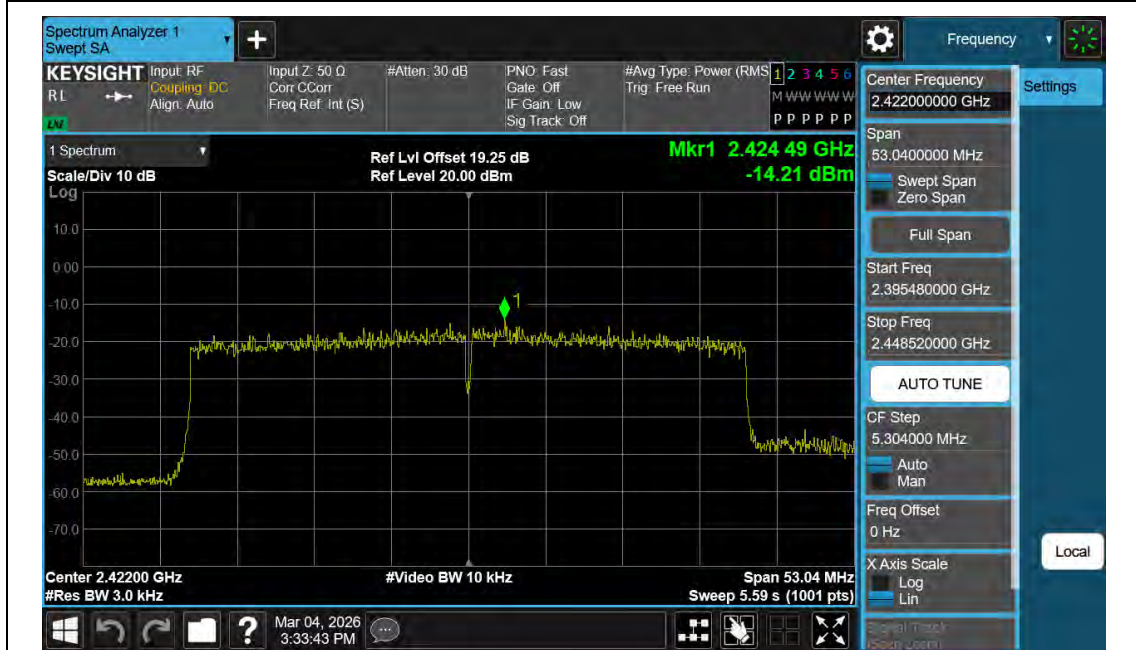
11BE20MIMO-Ant2-2462-PASS



11BE40MIMO-Ant1-2422-PASS



11BE40MIMO-Ant2-2422-PASS



11BE40MIMO-Ant1-2437-PASS



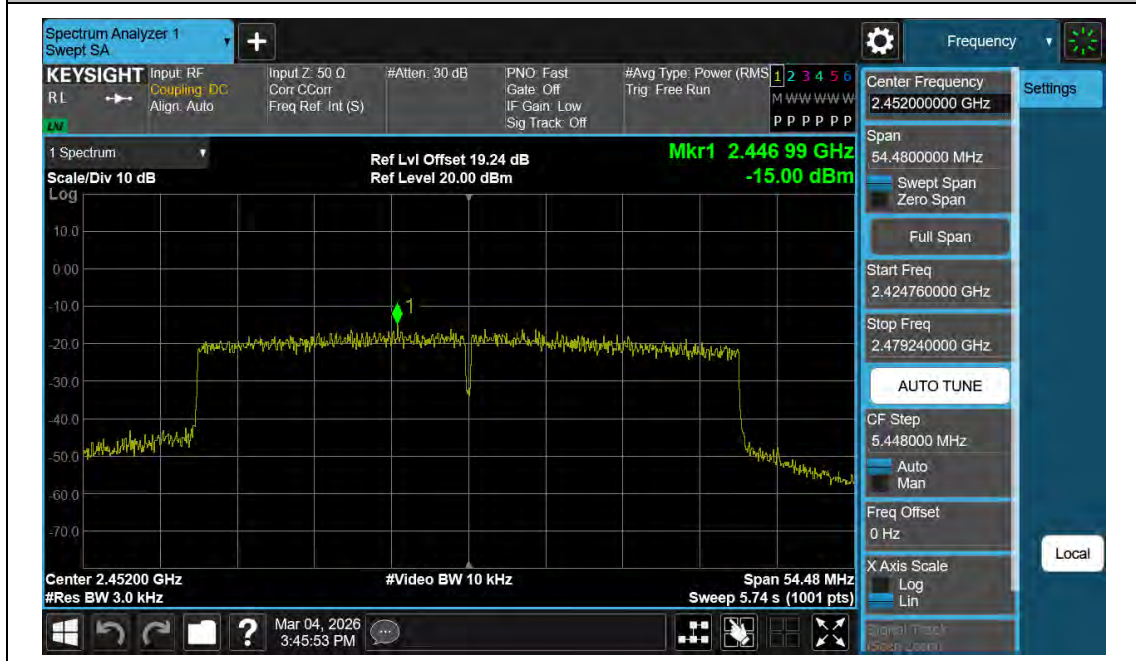
11BE40MIMO-Ant2-2437-PASS



11BE40MIMO-Ant1-2452-PASS



11BE40MIMO-Ant2-2452-PASS



Appendix D: Reference level measurement

Test Result

TestMode	Antenna	Freq(MHz)	Max.Point[MHz]	Result[dBm]
11B	Ant1	2412	2411.47	9.98
11B	Ant2	2412	2411.50	9.88
11B	Ant1	2437	2435.99	10.57
11B	Ant2	2437	2436.47	10.41
11B	Ant1	2462	2463.50	10.38
11B	Ant2	2462	2461.49	10.07
11G	Ant1	2412	2413.27	4.20
11G	Ant2	2412	2410.73	4.41
11G	Ant1	2437	2435.73	3.90
11G	Ant2	2437	2433.24	3.45
11G	Ant1	2462	2463.26	5.17
11G	Ant2	2462	2463.27	4.92
11N20MIMO	Ant1	2412	2414.49	1.09
11N20MIMO	Ant2	2412	2410.76	1.85
11N20MIMO	Ant1	2437	2440.71	0.09
11N20MIMO	Ant2	2437	2438.27	2.39
11N20MIMO	Ant1	2462	2463.23	2.37
11N20MIMO	Ant2	2462	2463.27	2.66
11N40MIMO	Ant1	2422	2425.76	-0.61
11N40MIMO	Ant2	2422	2424.53	-0.12
11N40MIMO	Ant1	2437	2432.01	-0.74
11N40MIMO	Ant2	2437	2439.52	-0.35
11N40MIMO	Ant1	2452	2449.48	-0.24
11N40MIMO	Ant2	2452	2446.99	-0.42
11AX20MIMO	Ant1	2412	2410.70	1.55
11AX20MIMO	Ant2	2412	2413.27	2.34
11AX20MIMO	Ant1	2437	2438.28	2.09
11AX20MIMO	Ant2	2437	2438.28	2.11
11AX20MIMO	Ant1	2462	2463.23	2.18
11AX20MIMO	Ant2	2462	2464.48	1.69
11AX40MIMO	Ant1	2422	2424.48	-0.53
11AX40MIMO	Ant2	2422	2424.51	-0.04
11AX40MIMO	Ant1	2437	2439.53	-0.49
11AX40MIMO	Ant2	2437	2431.95	-0.21
11AX40MIMO	Ant1	2452	2446.99	-0.40
11AX40MIMO	Ant2	2452	2446.99	-0.08
11BE20MIMO	Ant1	2412	2413.27	2.39



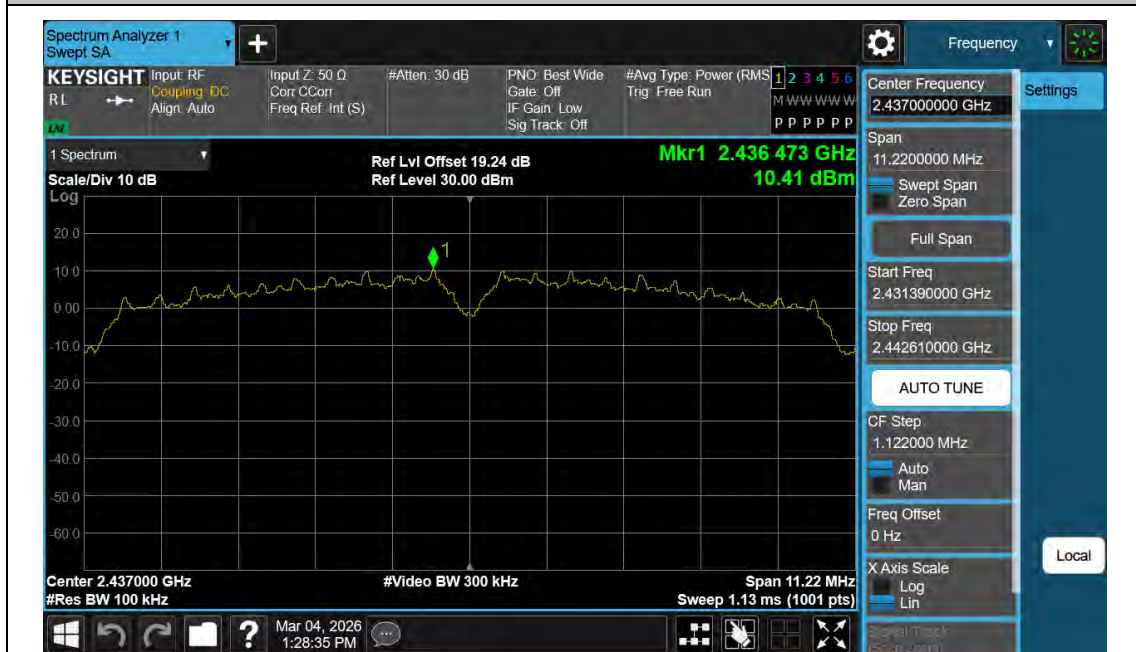
11BE20MIMO	Ant2	2412	2417.00	1.57
11BE20MIMO	Ant1	2437	2435.72	1.65
11BE20MIMO	Ant2	2437	2438.27	2.44
11BE20MIMO	Ant1	2462	2463.26	2.79
11BE20MIMO	Ant2	2462	2463.26	2.41
11BE40MIMO	Ant1	2422	2419.47	-0.26
11BE40MIMO	Ant2	2422	2424.49	0.00
11BE40MIMO	Ant1	2437	2440.74	-0.59
11BE40MIMO	Ant2	2437	2432.00	0.04
11BE40MIMO	Ant1	2452	2454.47	-0.63
11BE40MIMO	Ant2	2452	2446.99	-0.09

Test Graphs





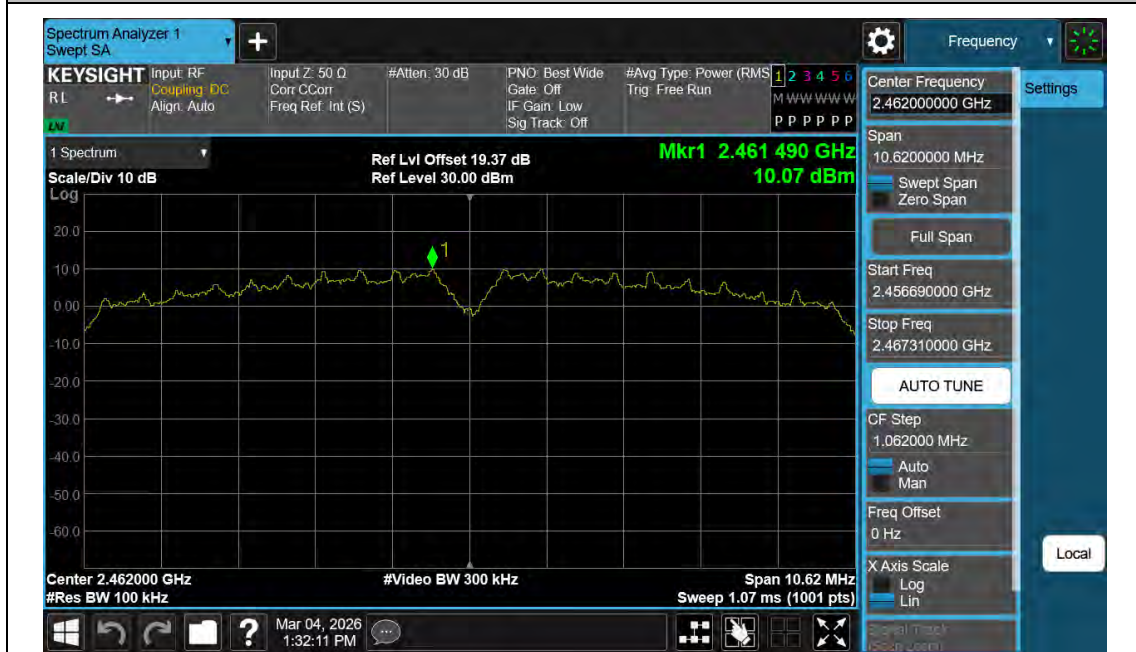
11B-Ant2-2437-PASS



11B-Ant1-2462-PASS



11B-Ant2-2462-PASS



11G-Ant1-2412-PASS



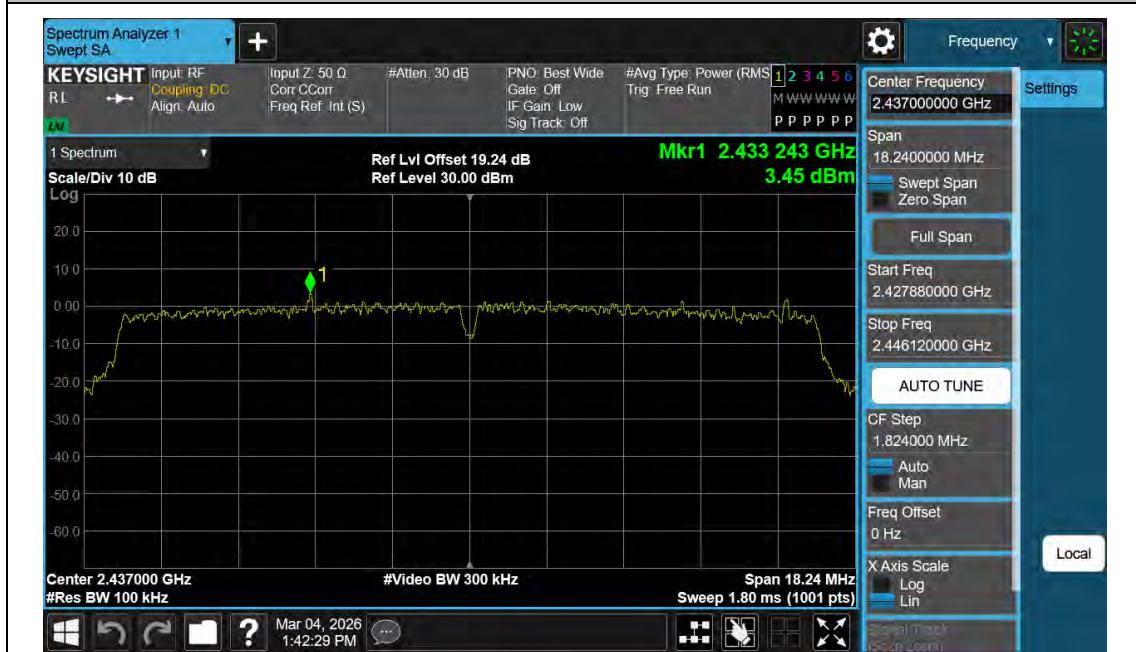
11G-Ant2-2412-PASS



11G-Ant1-2437-PASS



11G-Ant2-2437-PASS



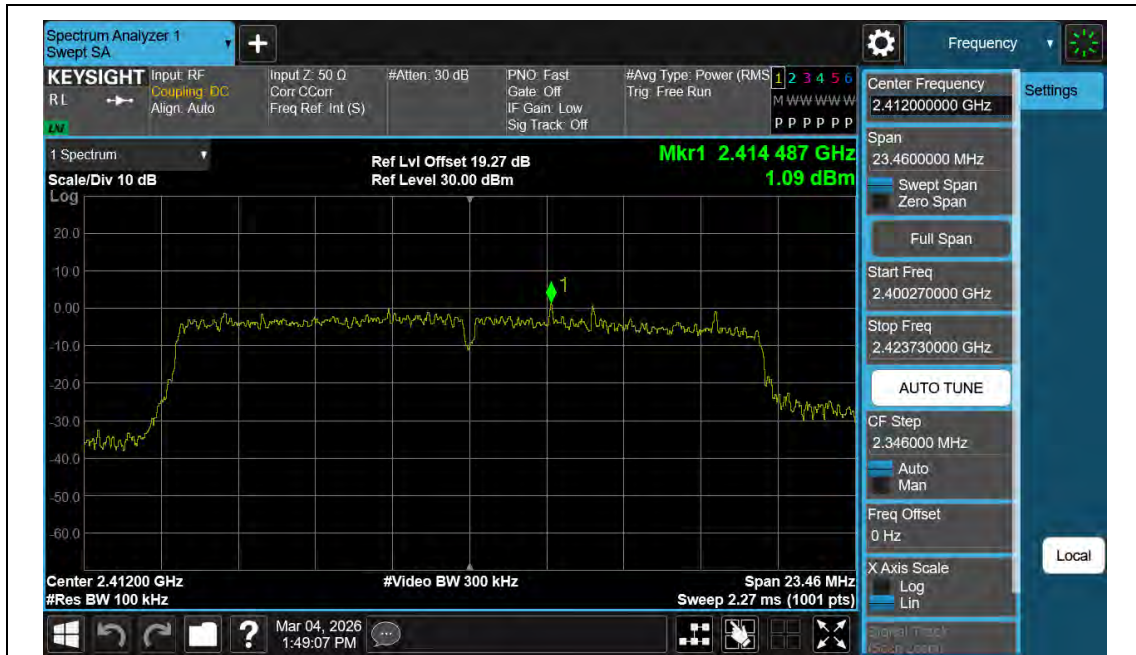
11G-Ant1-2462-PASS



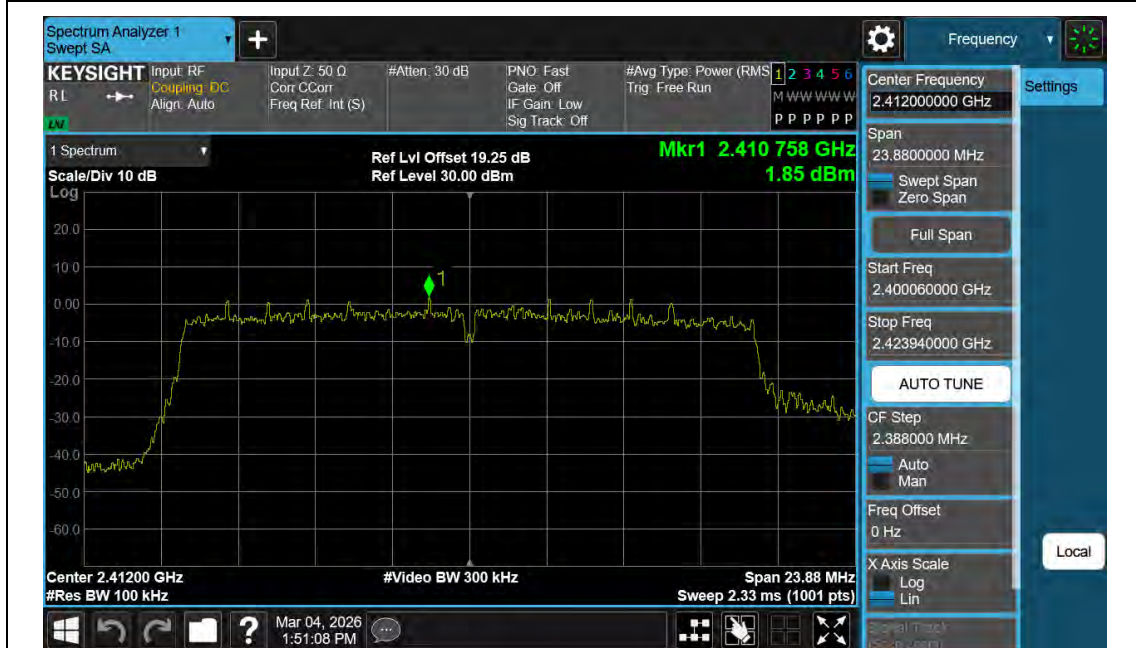
11G-Ant2-2462-PASS



11N20MIMO-Ant1-2412-PASS



11N20MIMO-Ant2-2412-PASS



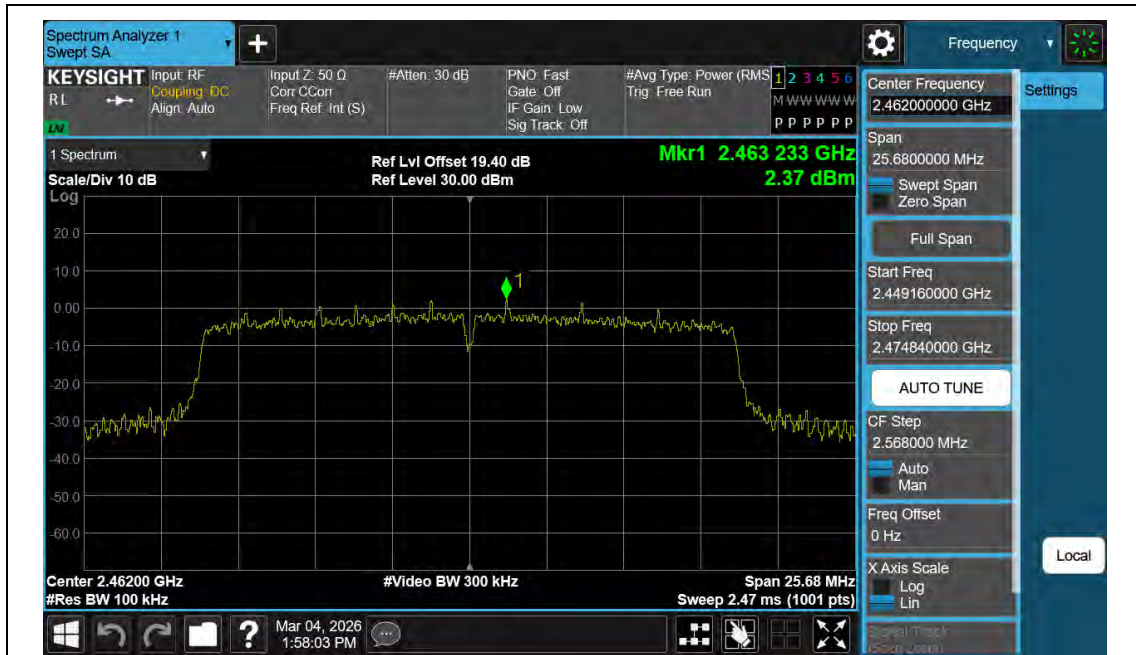
11N20MIMO-Ant1-2437-PASS



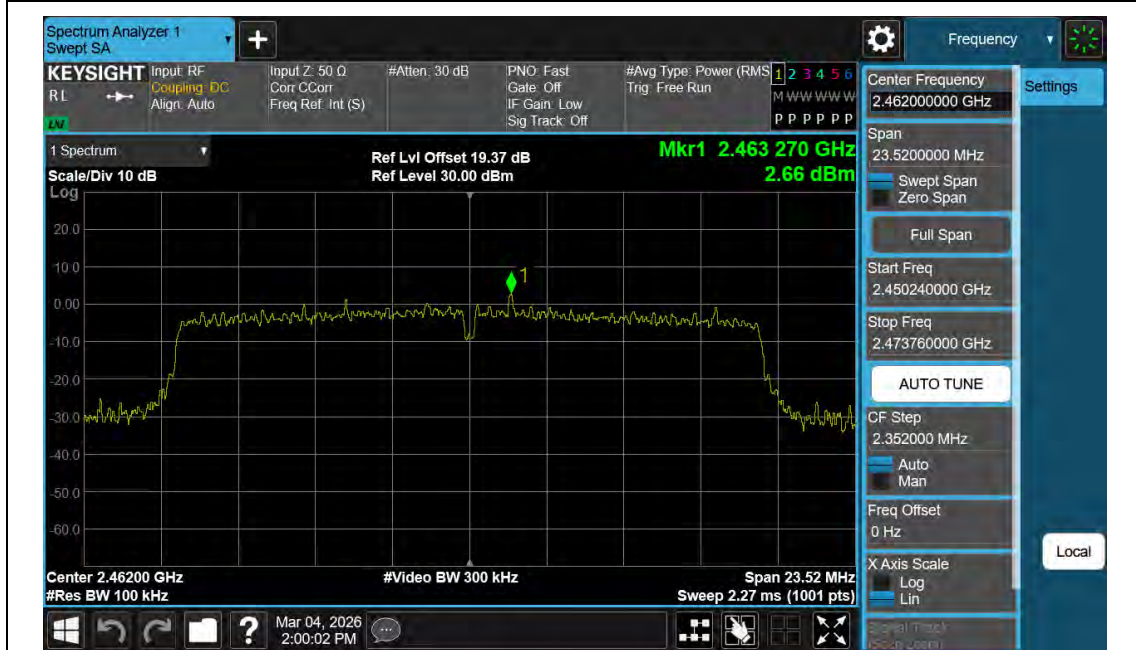
11N20MIMO-Ant2-2437-PASS



11N20MIMO-Ant1-2462-PASS



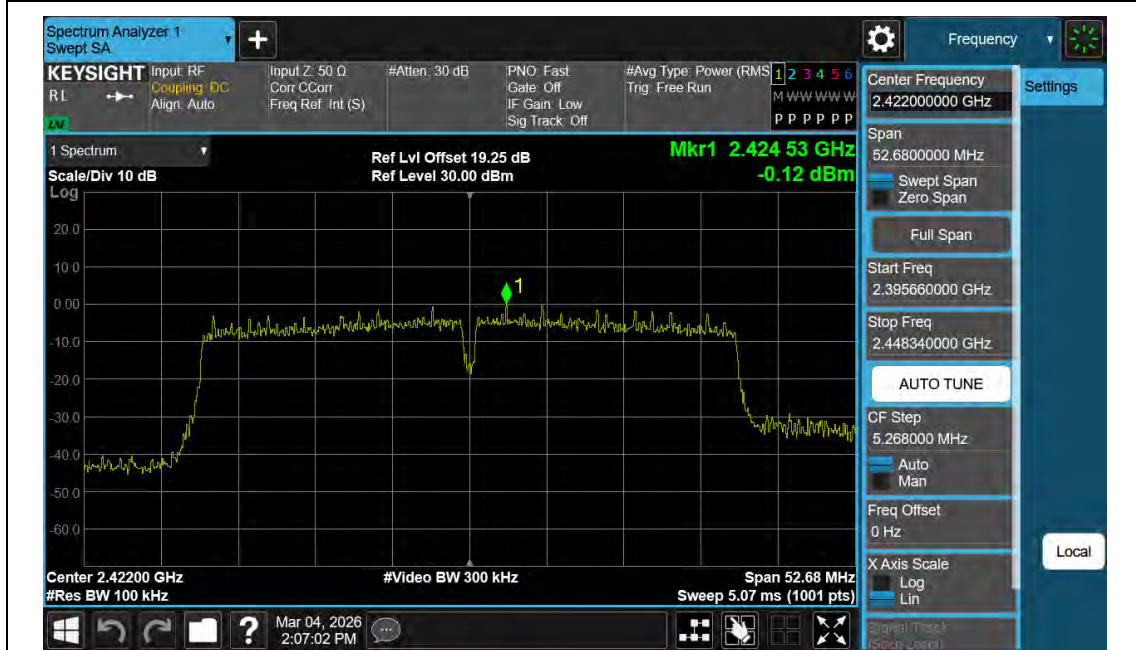
11N20MIMO-Ant2-2462-PASS



11N40MIMO-Ant1-2422-PASS



11N40MIMO-Ant2-2422-PASS



11N40MIMO-Ant1-2437-PASS



11N40MIMO-Ant2-2437-PASS



11N40MIMO-Ant1-2452-PASS



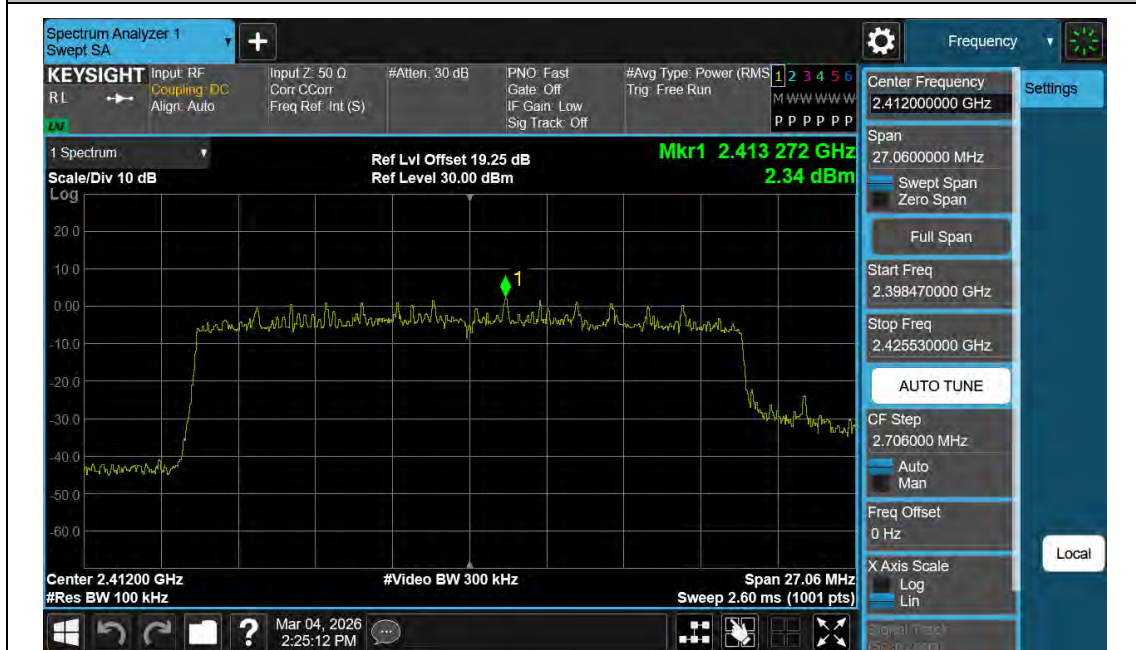
11N40MIMO-Ant2-2452-PASS



11AX20MIMO-Ant1-2412-PASS



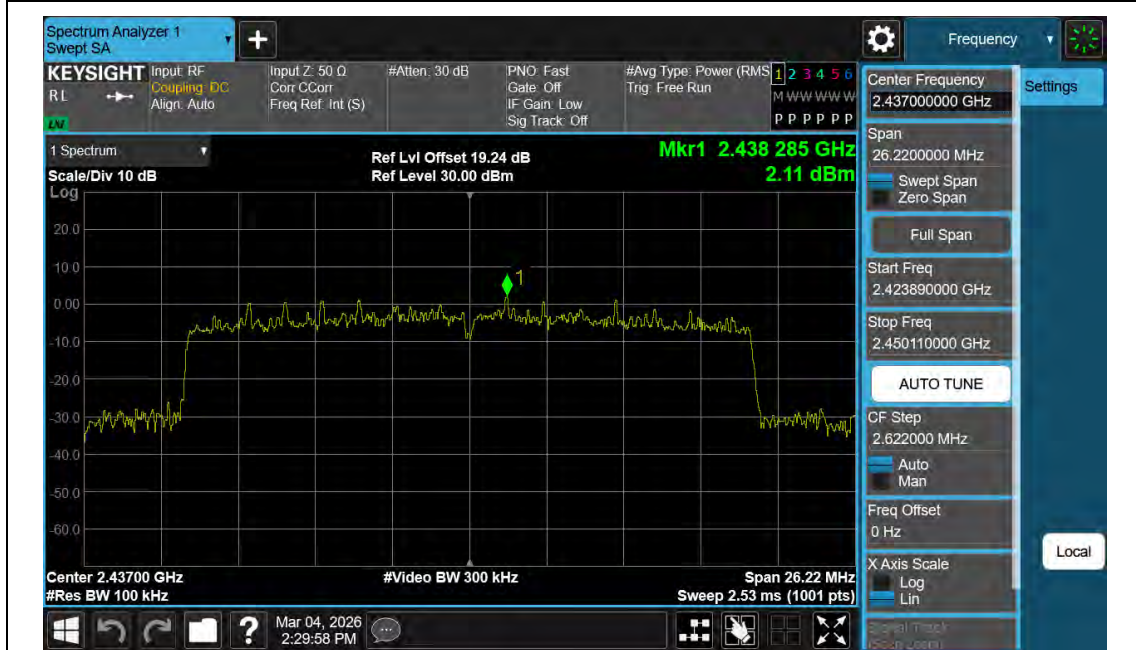
11AX20MIMO-Ant2-2412-PASS



11AX20MIMO-Ant1-2437-PASS



11AX20MIMO-Ant2-2437-PASS



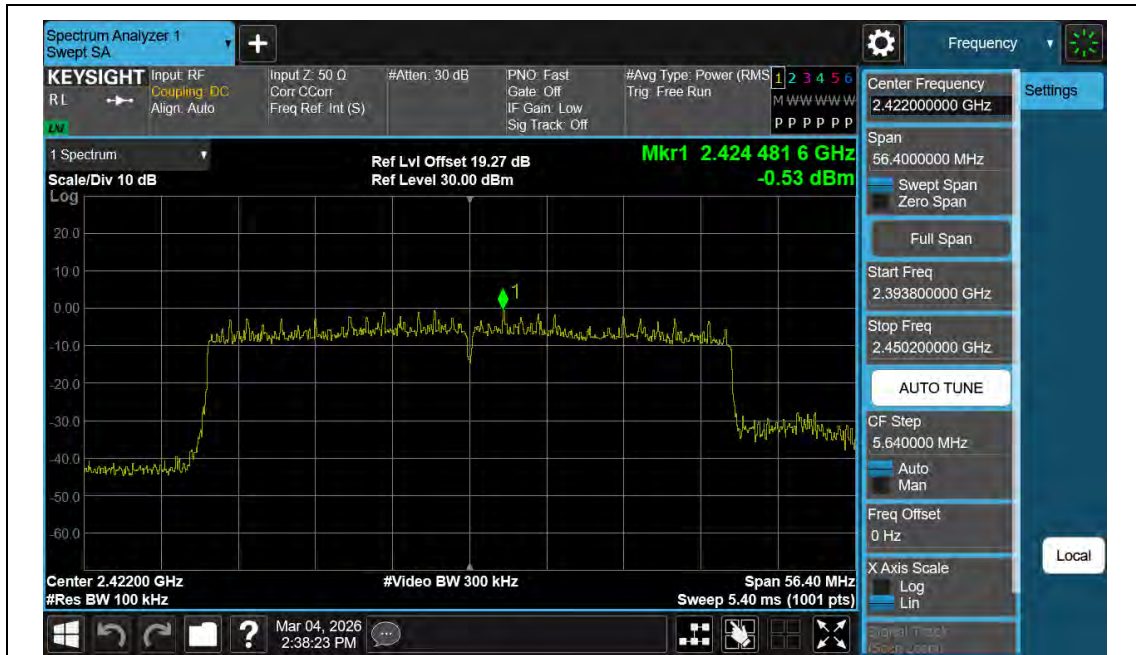
11AX20MIMO-Ant1-2462-PASS



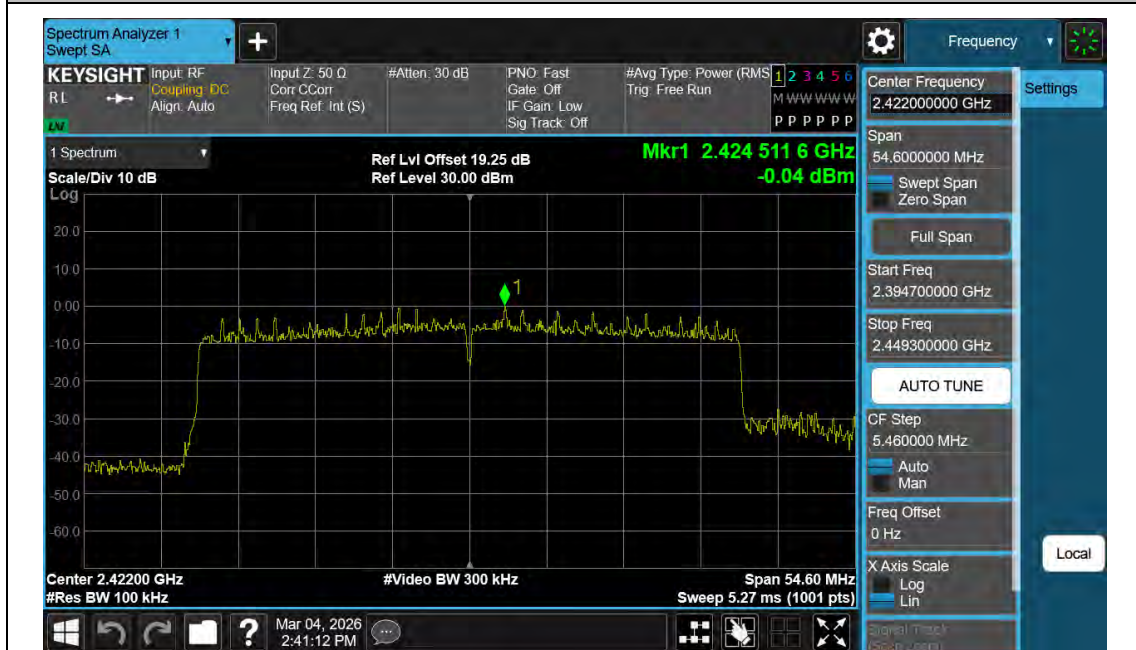
11AX20MIMO-Ant2-2462-PASS



11AX40MIMO-Ant1-2422-PASS



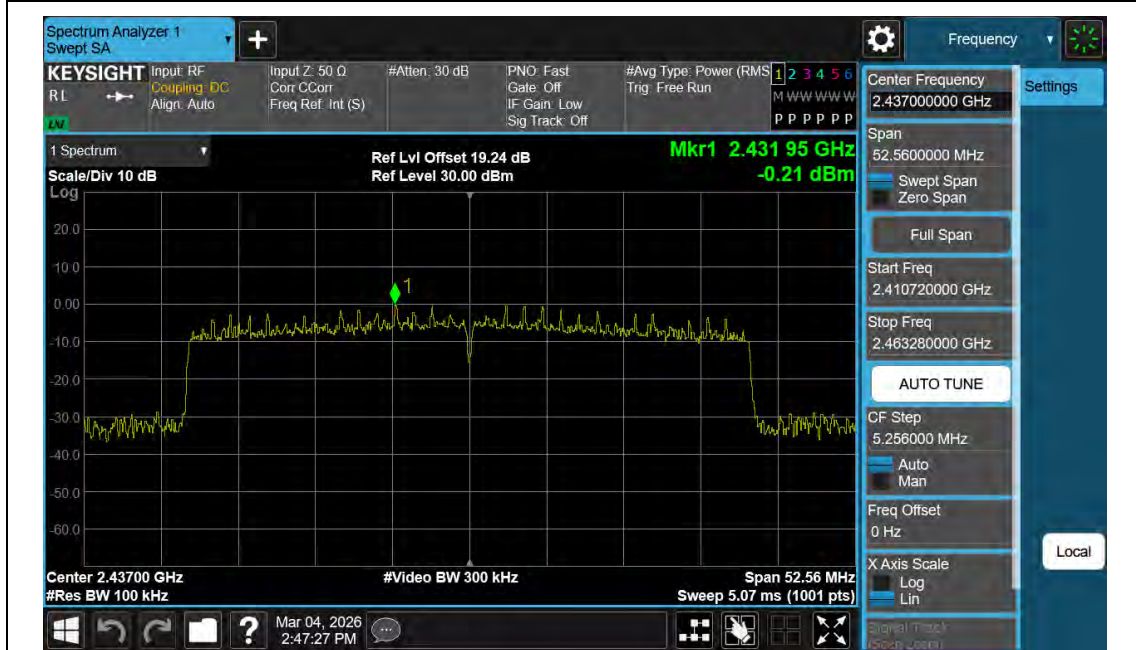
11AX40MIMO-Ant2-2422-PASS



11AX40MIMO-Ant1-2437-PASS



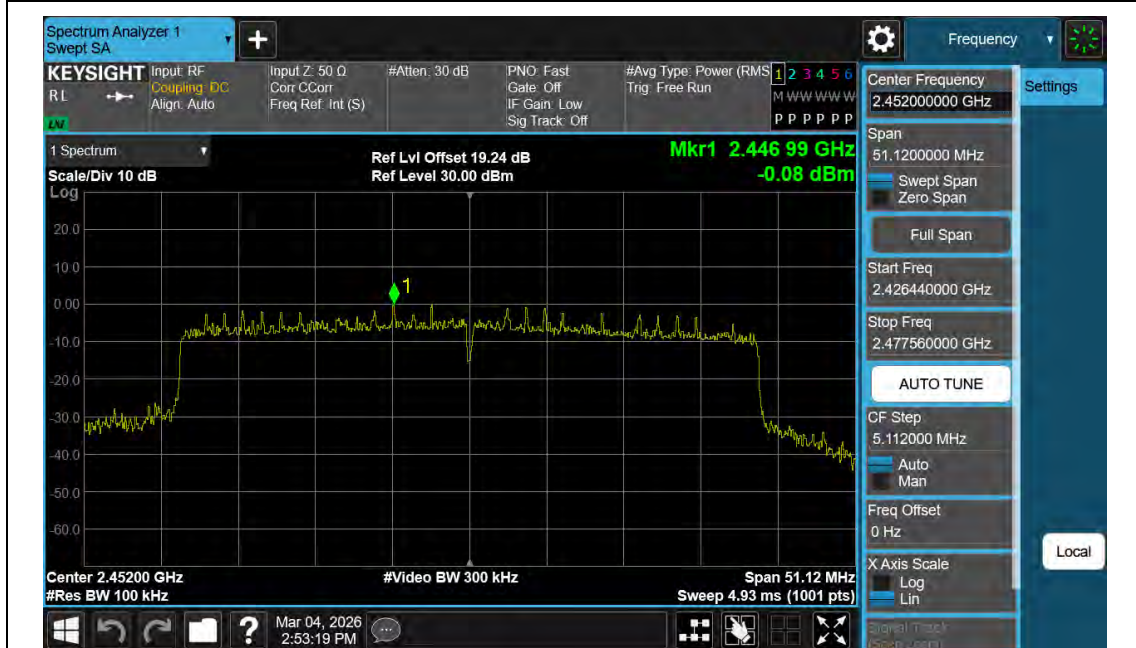
11AX40MIMO-Ant2-2437-PASS



11AX40MIMO-Ant1-2452-PASS



11AX40MIMO-Ant2-2452-PASS



11BE20MIMO-Ant1-2412-PASS



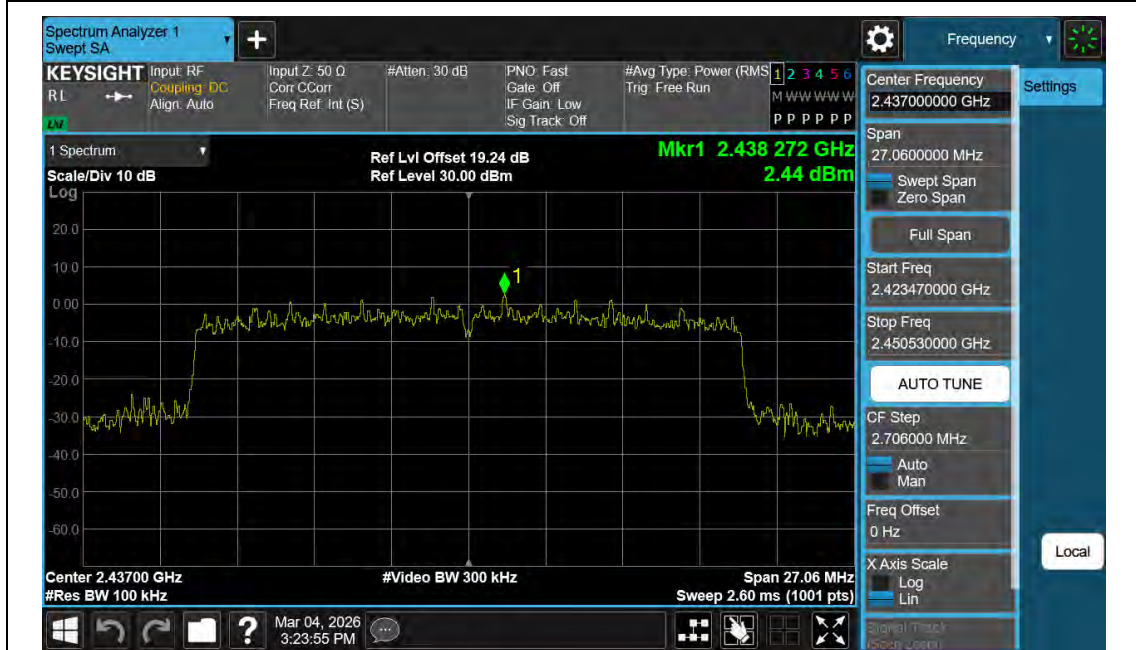
11BE20MIMO-Ant2-2412-PASS



11BE20MIMO-Ant1-2437-PASS



11BE20MIMO-Ant2-2437-PASS



11BE20MIMO-Ant1-2462-PASS



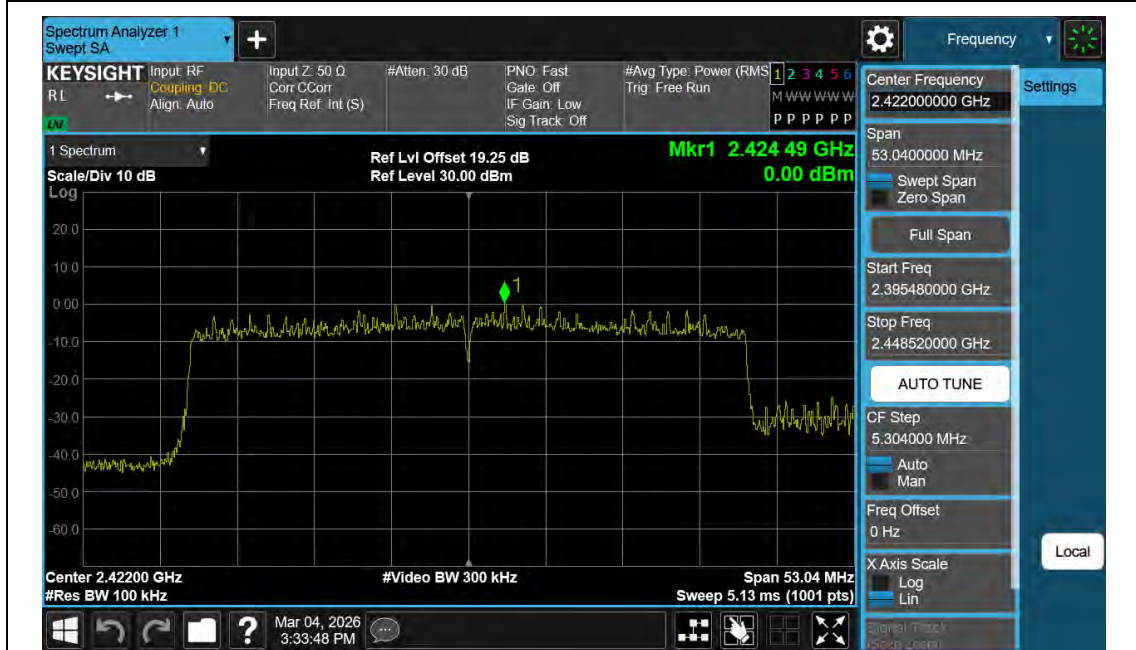
11BE20MIMO-Ant2-2462-PASS



11BE40MIMO-Ant1-2422-PASS



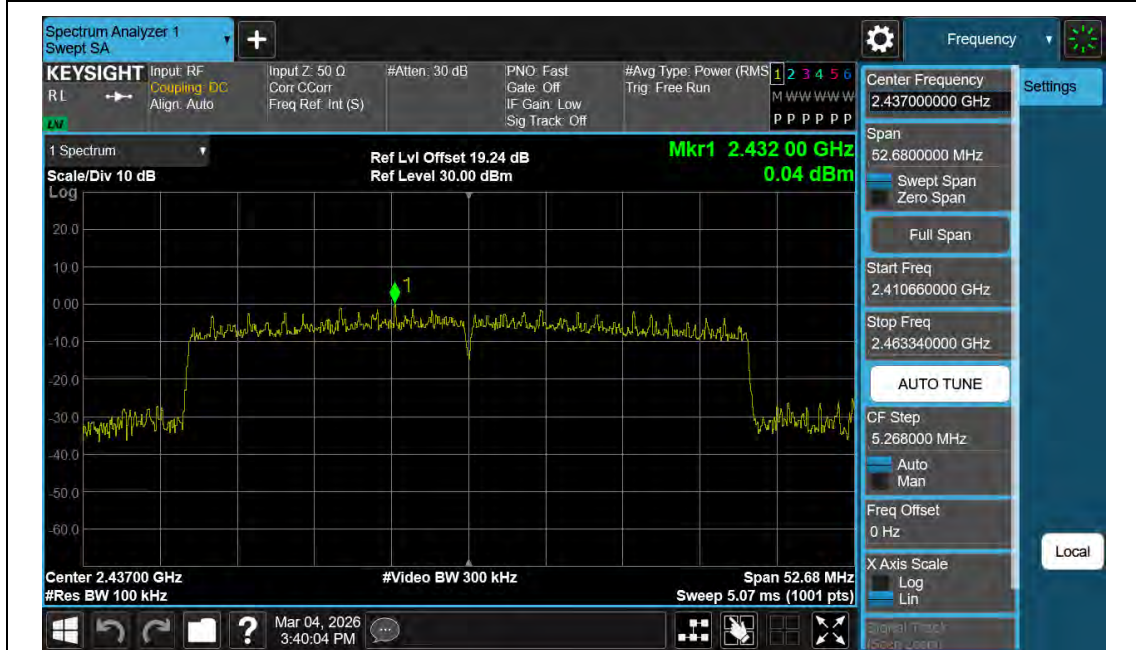
11BE40MIMO-Ant2-2422-PASS



11BE40MIMO-Ant1-2437-PASS



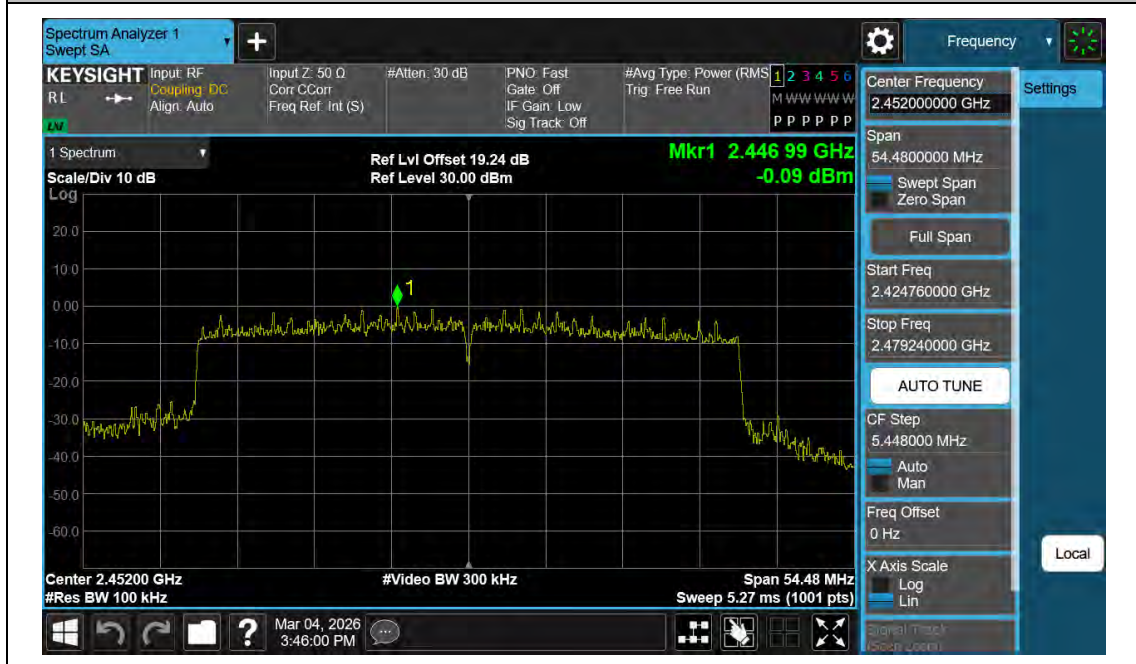
11BE40MIMO-Ant2-2437-PASS



11BE40MIMO-Ant1-2452-PASS



11BE40MIMO-Ant2-2452-PASS



Appendix E: Band edge measurements

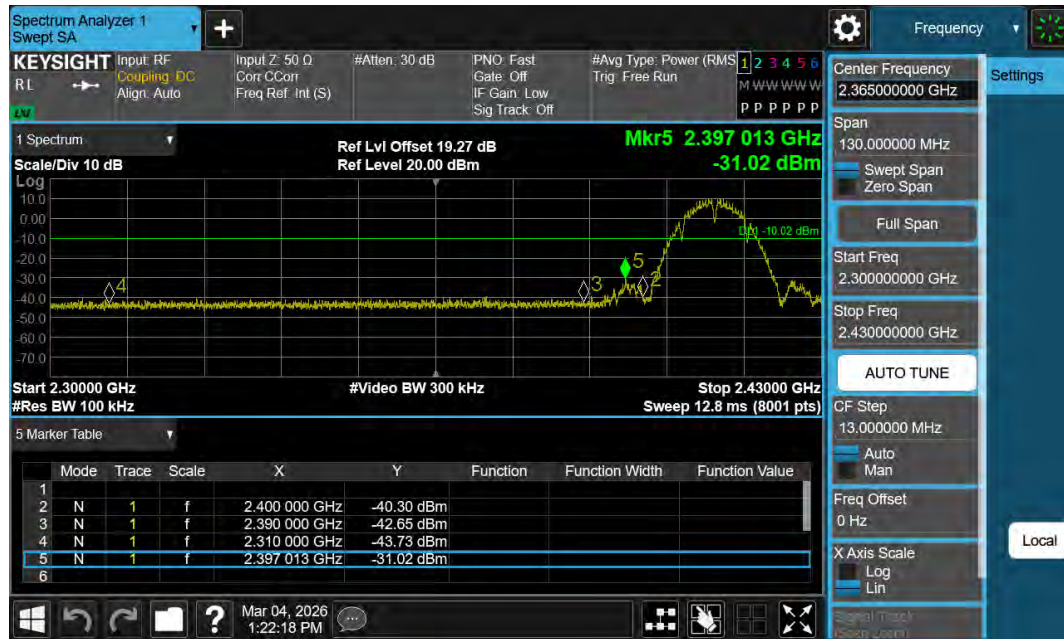
Test Result

TestMode	Antenna	Channel	Frequency[MHz]	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	Low	2412	9.98	-31.02	≤-10.02	PASS
11B	Ant2	Low	2412	9.88	-38.24	≤-10.12	PASS
11B	Ant1	High	2462	10.38	-39.5	≤-9.62	PASS
11B	Ant2	High	2462	10.07	-39.22	≤-9.93	PASS
11G	Ant1	Low	2412	4.20	-28.8	≤-15.8	PASS
11G	Ant2	Low	2412	4.41	-39.52	≤-15.59	PASS
11G	Ant1	High	2462	5.17	-39.16	≤-14.83	PASS
11G	Ant2	High	2462	4.92	-39	≤-15.08	PASS
11N20MIMO	Ant1	Low	2412	1.09	-34.38	≤-18.91	PASS
11N20MIMO	Ant2	Low	2412	1.85	-39.75	≤-18.15	PASS
11N20MIMO	Ant1	High	2462	2.37	-39.83	≤-17.63	PASS
11N20MIMO	Ant2	High	2462	2.66	-39.64	≤-17.34	PASS
11N40MIMO	Ant1	Low	2422	-0.61	-39.16	≤-20.61	PASS
11N40MIMO	Ant2	Low	2422	-0.12	-40.02	≤-20.12	PASS
11N40MIMO	Ant1	High	2452	-0.24	-38.83	≤-20.24	PASS
11N40MIMO	Ant2	High	2452	-0.42	-39.55	≤-20.42	PASS
11AX20MIMO	Ant1	Low	2412	1.55	-40.13	≤-18.45	PASS
11AX20MIMO	Ant2	Low	2412	2.34	-39.35	≤-17.66	PASS
11AX20MIMO	Ant1	High	2462	2.18	-40.16	≤-17.82	PASS
11AX20MIMO	Ant2	High	2462	1.69	-38.89	≤-18.31	PASS
11AX40MIMO	Ant1	Low	2422	-0.53	-39.73	≤-20.53	PASS
11AX40MIMO	Ant2	Low	2422	-0.04	-39.5	≤-20.04	PASS
11AX40MIMO	Ant1	High	2452	-0.40	-39.38	≤-20.4	PASS
11AX40MIMO	Ant2	High	2452	-0.08	-39.4	≤-20.08	PASS
11BE20MIMO	Ant1	Low	2412	2.39	-39.11	≤-17.61	PASS
11BE20MIMO	Ant2	Low	2412	1.57	-39.08	≤-18.43	PASS

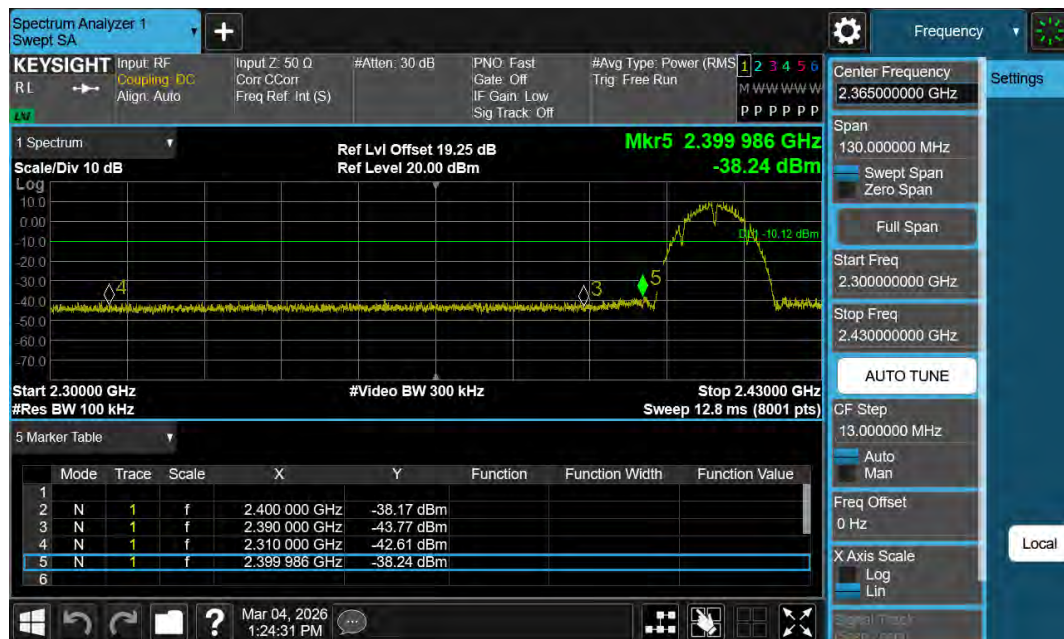
O							
11BE20MIM O	Ant1	High	2462	2.79	-39.22	≤ -17.21	PASS
11BE20MIM O	Ant2	High	2462	2.41	-38.74	≤ -17.59	PASS
11BE40MIM O	Ant1	Low	2422	-0.26	-39.73	≤ -20.26	PASS
11BE40MIM O	Ant2	Low	2422	0.00	-39.33	≤ -20	PASS
11BE40MIM O	Ant1	High	2452	-0.63	-39.66	≤ -20.63	PASS
11BE40MIM O	Ant2	High	2452	-0.09	-39.64	≤ -20.09	PASS

Test Graphs

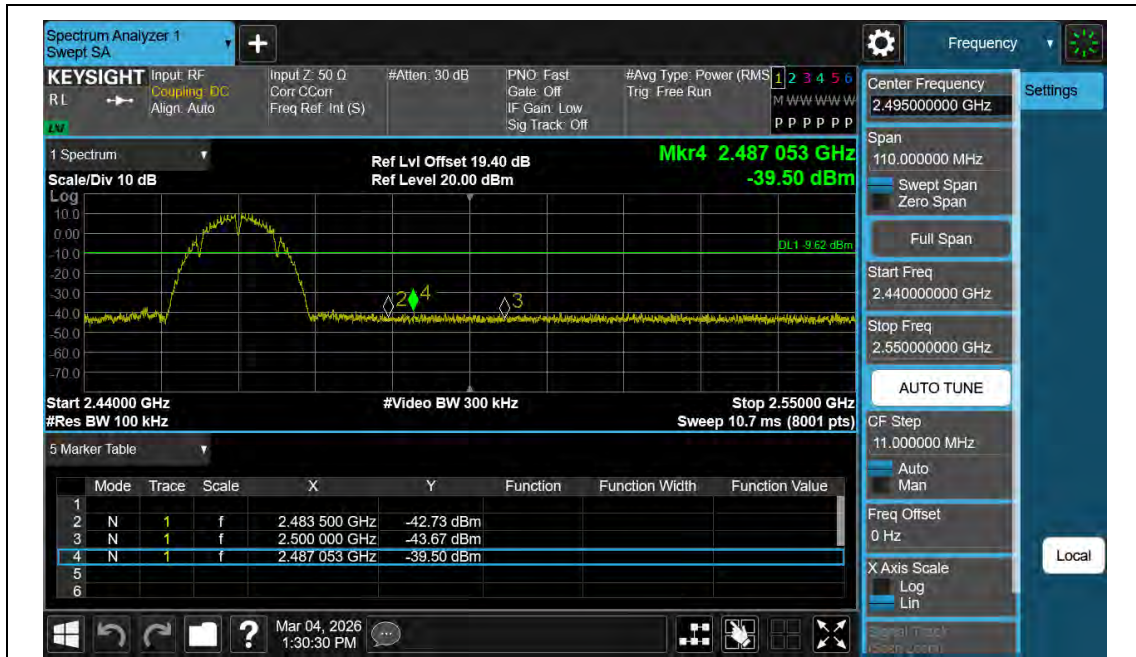
11B-Ant1-2412-PASS



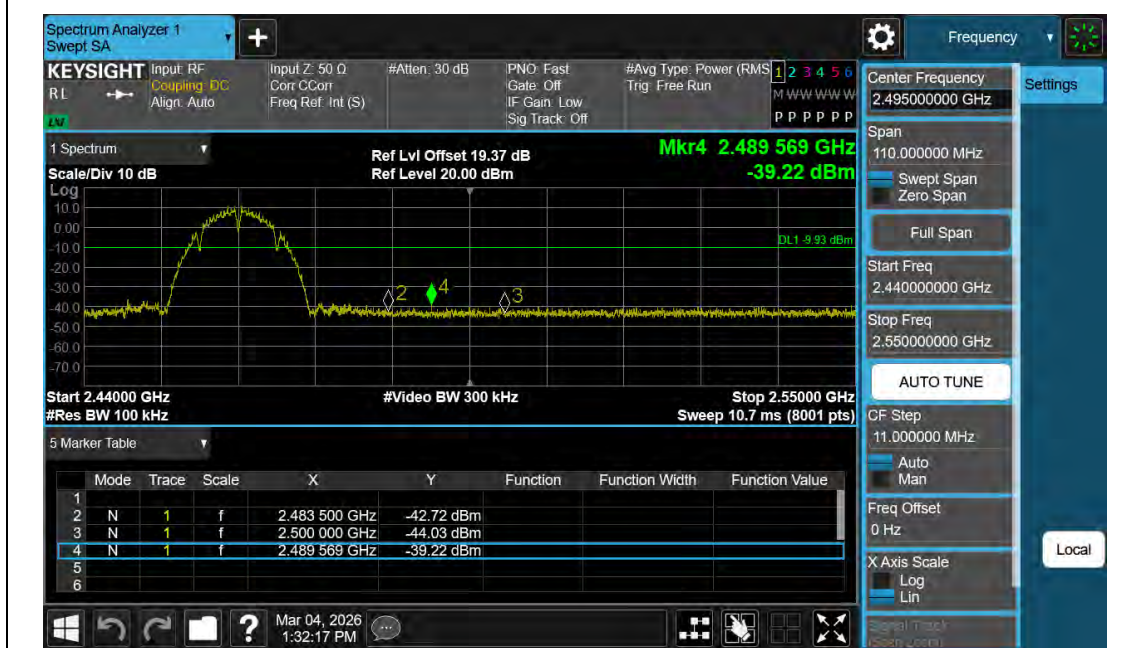
11B-Ant2-2412-PASS



11B-Ant1-2462-PASS



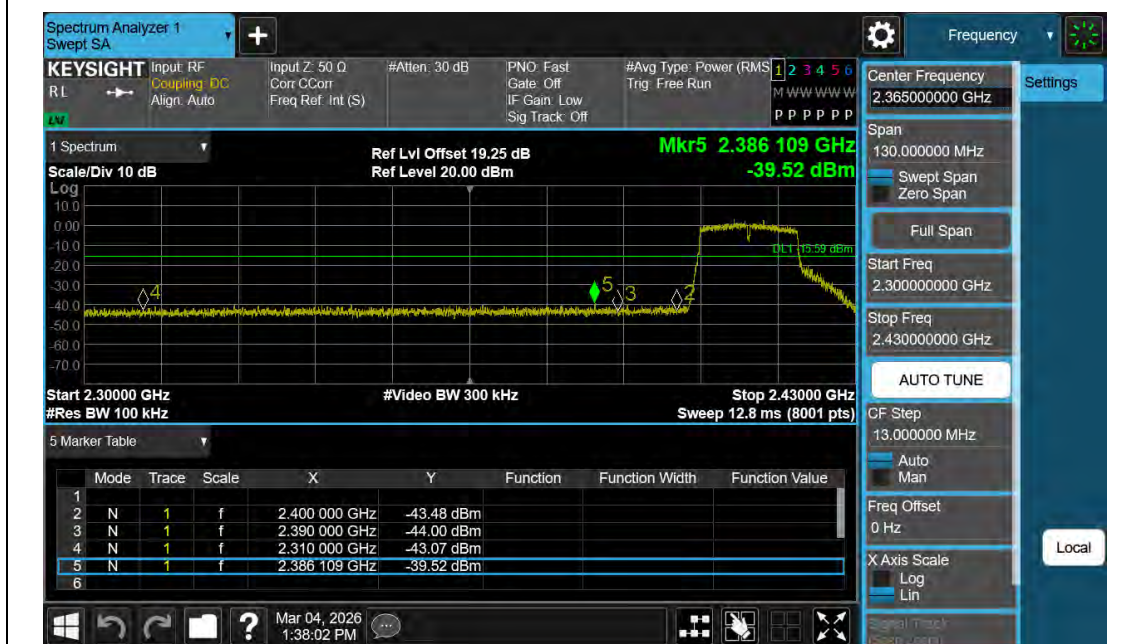
11B-Ant2-2462-PASS



11G-Ant1-2412-PASS



11G-Ant2-2412-PASS



11G-Ant1-2462-PASS