

Test Data Appendix For 2.4GHz Wi-Fi

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Duty Cycle

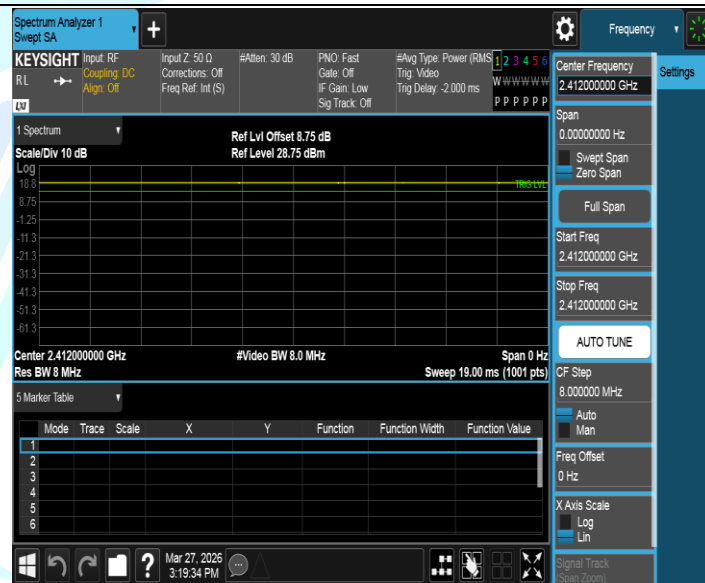
Test Mode	Antenna	Frequency [MHz]	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]
11B	Ant0	2412	19.00	19.00	100.00
	Ant1	2412	19.00	19.00	100.00
	Ant0	2437	19.00	19.00	100.00
	Ant1	2437	19.00	19.00	100.00
	Ant0	2462	19.00	19.00	100.00
	Ant1	2462	19.00	19.00	100.00
11G	Ant0	2412	19.00	19.00	100.00
	Ant1	2412	19.00	19.00	100.00
	Ant0	2437	19.00	19.00	100.00
	Ant1	2437	19.00	19.00	100.00
	Ant0	2462	19.00	19.00	100.00
	Ant1	2462	19.00	19.00	100.00
11N20MIMO	Ant0	2412	19.00	19.00	100.00
	Ant1	2412	19.00	19.00	100.00
	Ant0	2437	19.00	19.00	100.00
	Ant1	2437	19.00	19.00	100.00
	Ant0	2462	19.00	19.00	100.00
	Ant1	2462	19.00	19.00	100.00
11N40MIMO	Ant0	2422	19.00	19.00	100.00
	Ant1	2422	19.00	19.00	100.00
	Ant0	2437	19.00	19.00	100.00
	Ant1	2437	19.00	19.00	100.00
	Ant0	2452	19.00	19.00	100.00
	Ant1	2452	19.00	19.00	100.00
11AX20MIMO	Ant0	2412	19.00	19.00	100.00
	Ant1	2412	19.00	19.00	100.00
	Ant0	2437	19.00	19.00	100.00
	Ant1	2437	19.00	19.00	100.00
	Ant0	2462	19.00	19.00	100.00
	Ant1	2462	19.00	19.00	100.00
11AX40MIMO	Ant0	2422	19.00	19.00	100.00
	Ant1	2422	19.00	19.00	100.00
	Ant0	2437	19.00	19.00	100.00
	Ant1	2437	19.00	19.00	100.00
	Ant0	2452	19.00	19.00	100.00
	Ant1	2452	19.00	19.00	100.00

Test Graphs

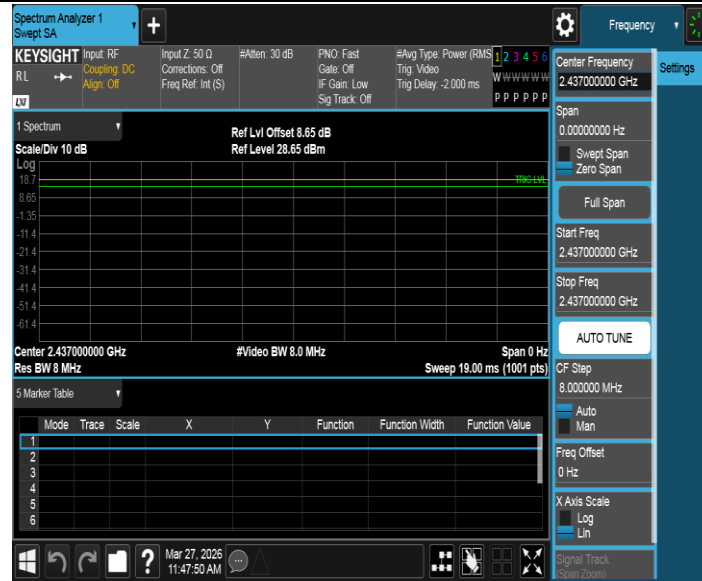
11B_Ant0_2412



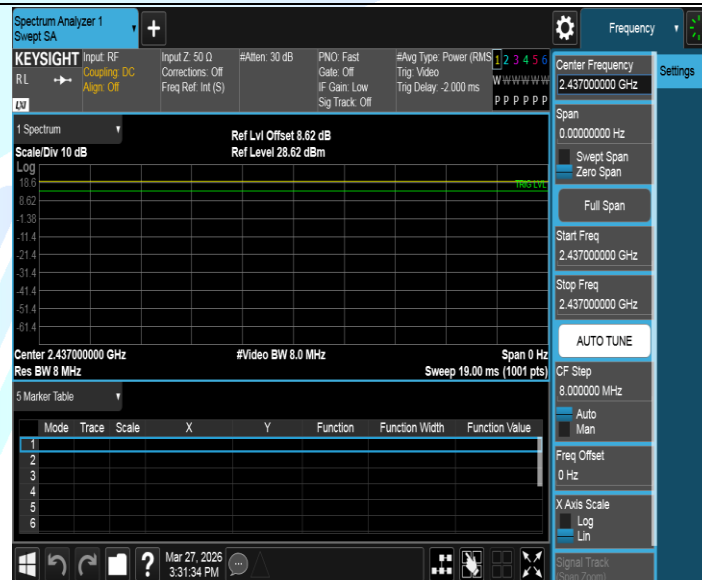
11B_Ant1_2412



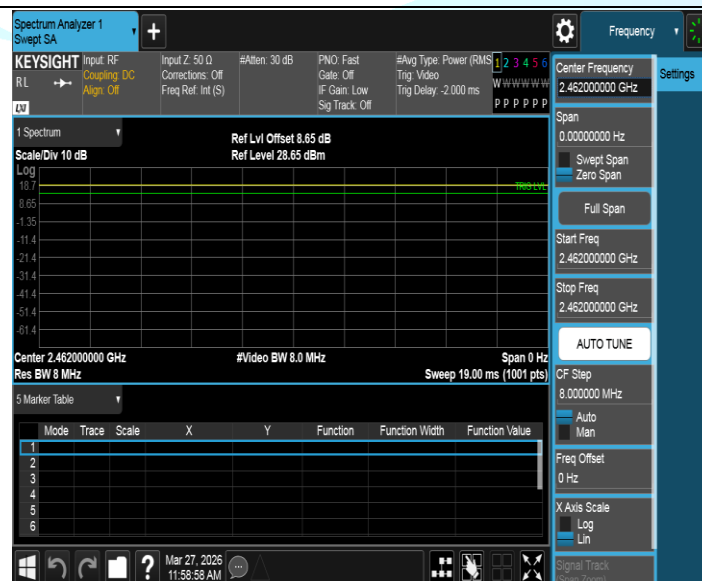
11B_Ant0_2437



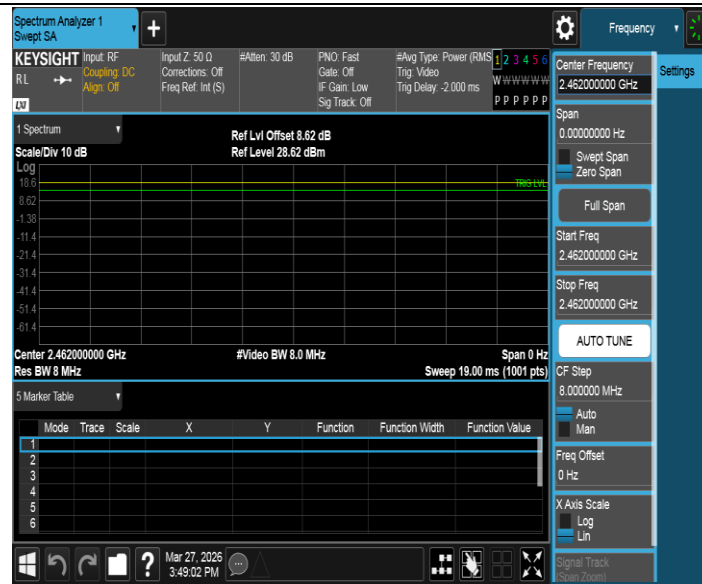
11B_Ant1_2437



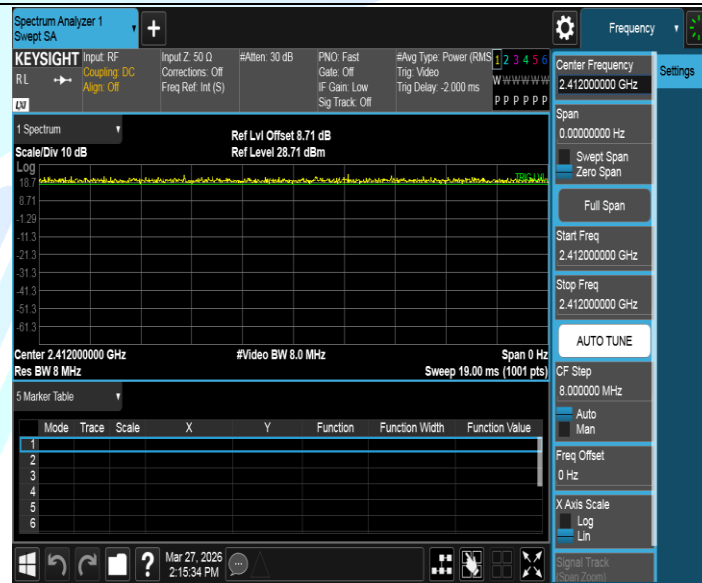
11B_Ant0_2462



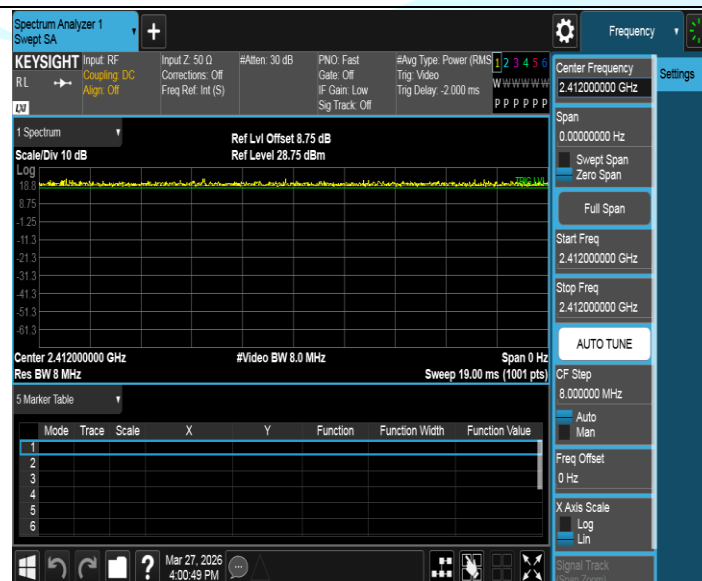
11B_Ant1_2462



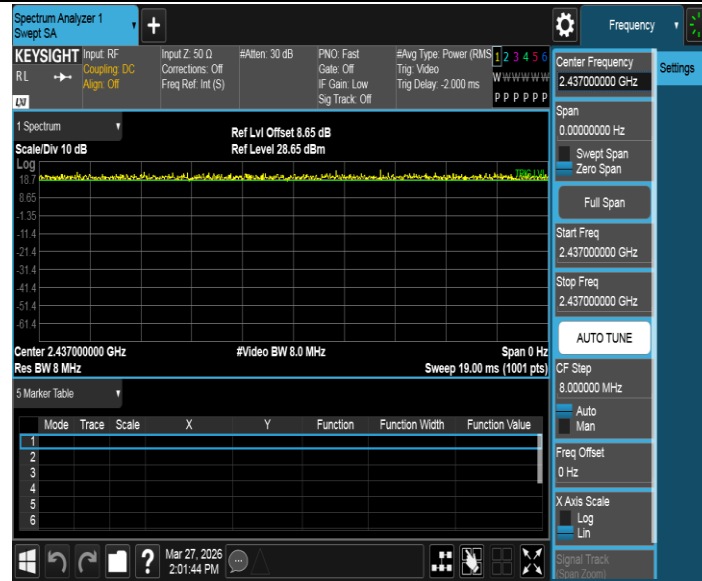
11G_Ant0_2412

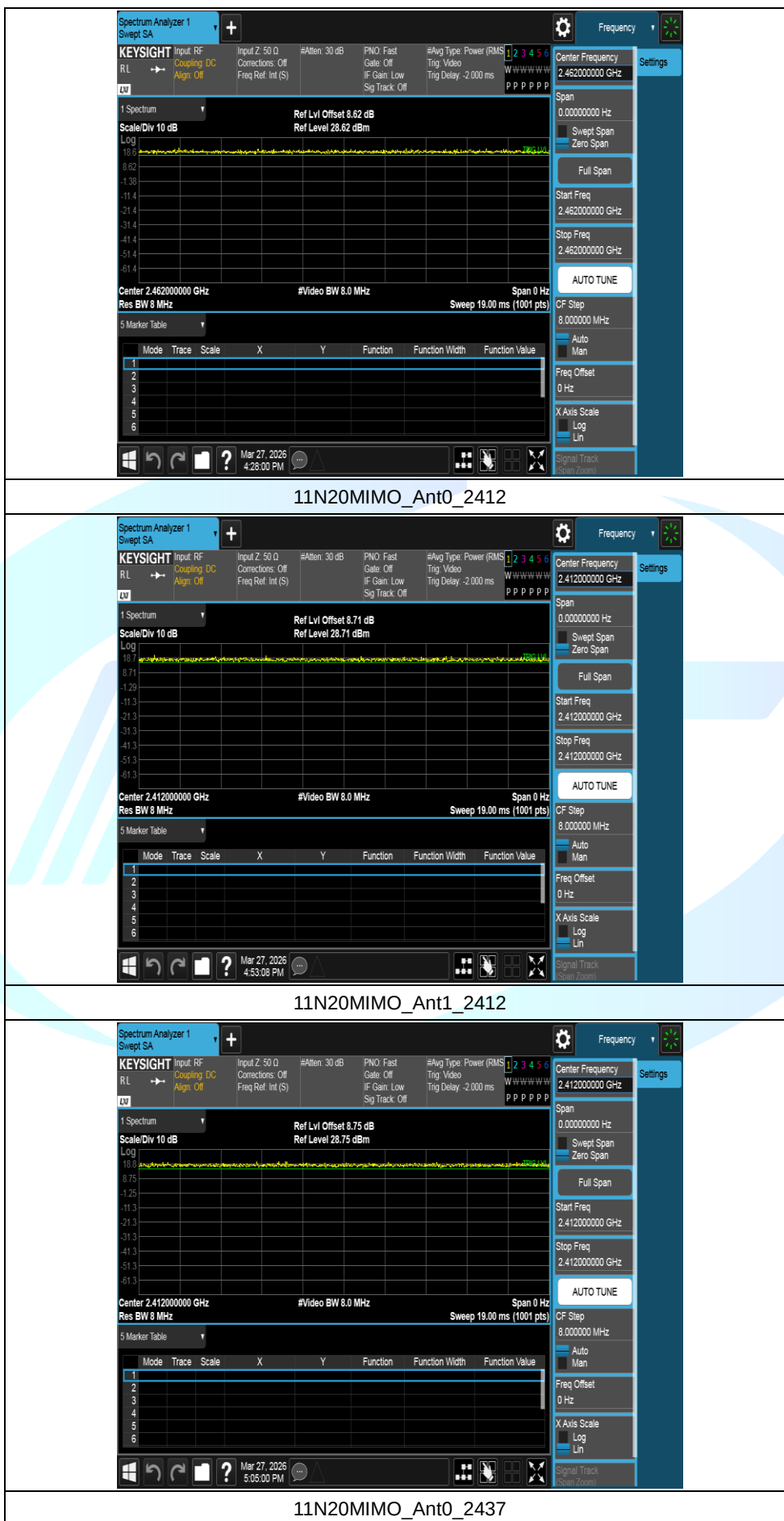


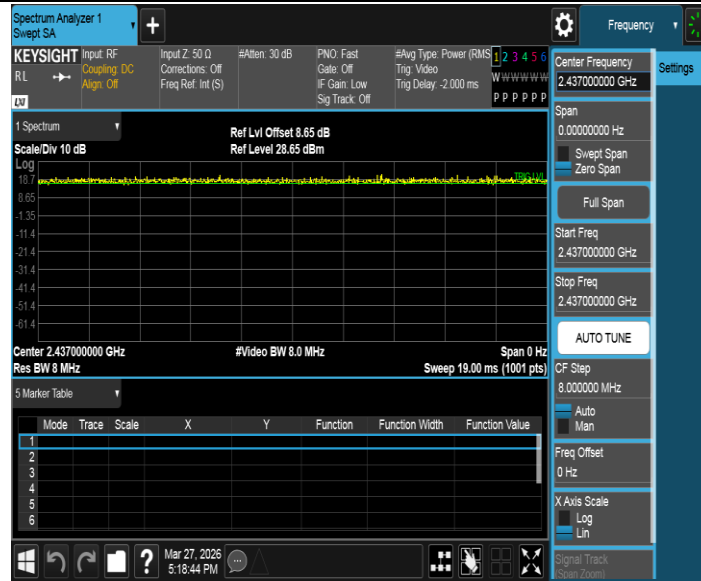
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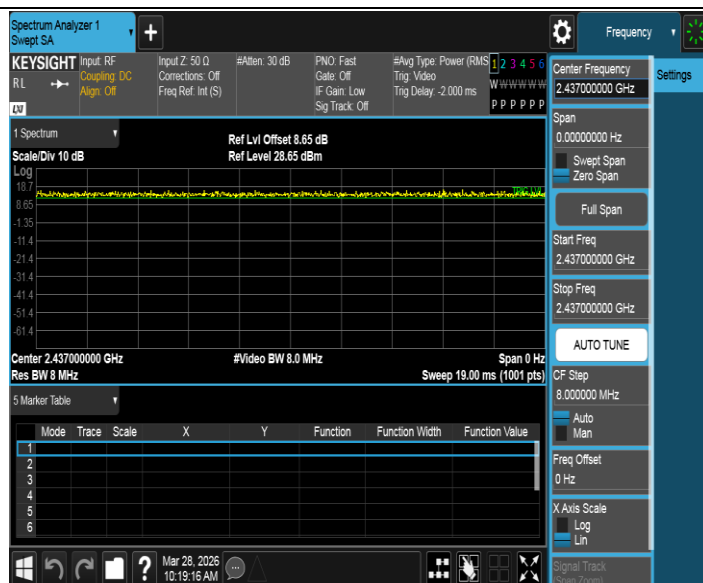
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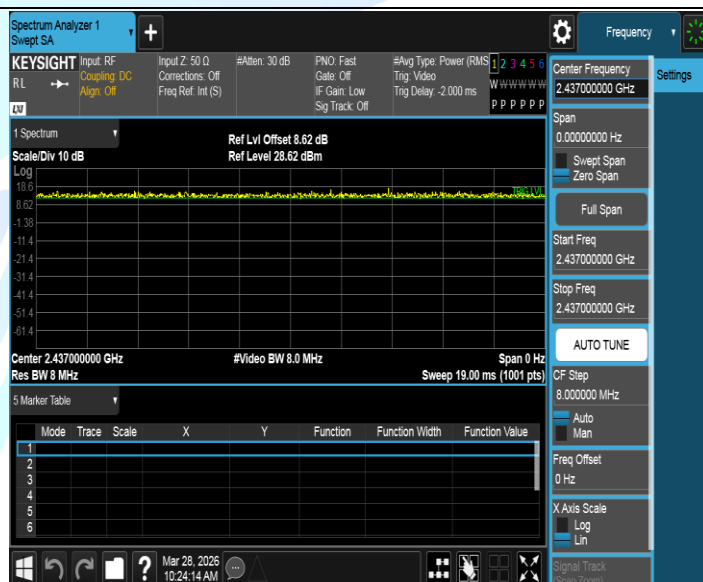




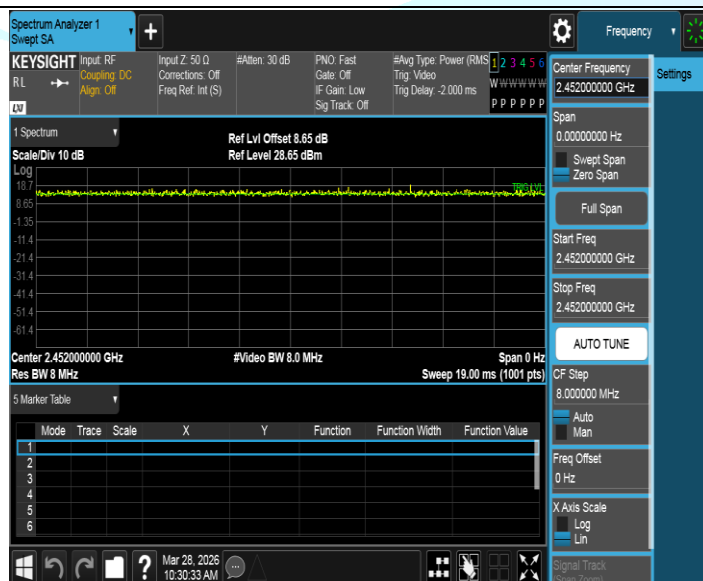




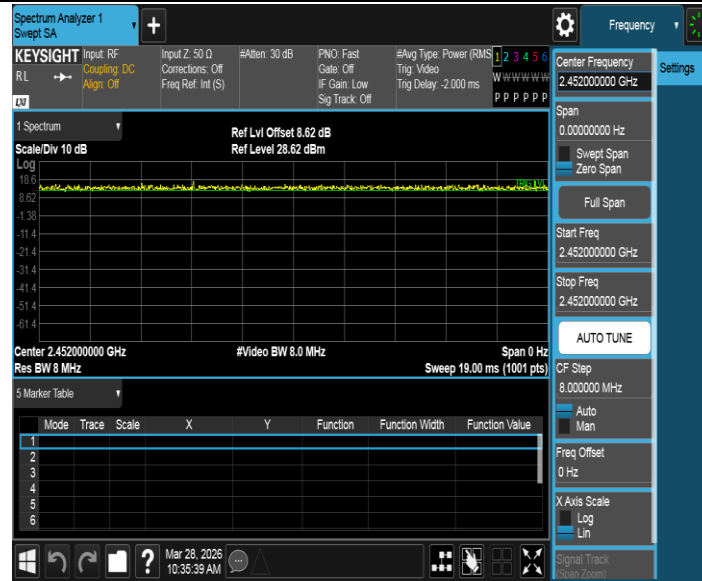
11N40MIMO Ant1 2437



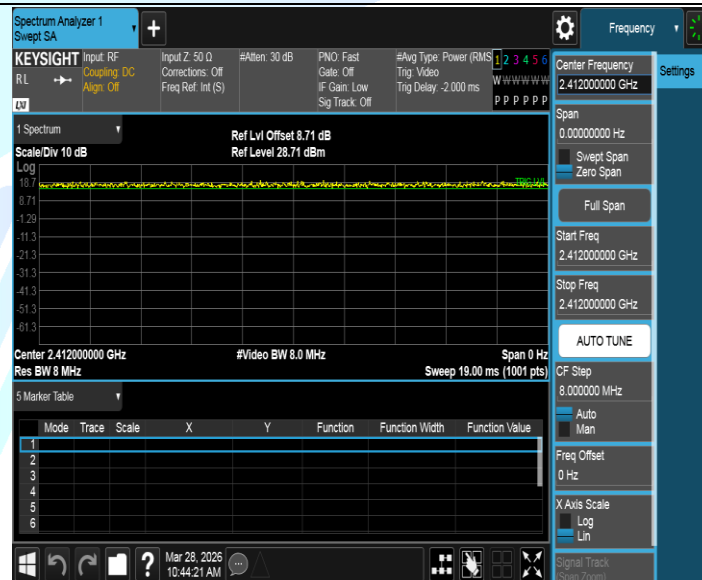
11N40MIMO Ant0 2452



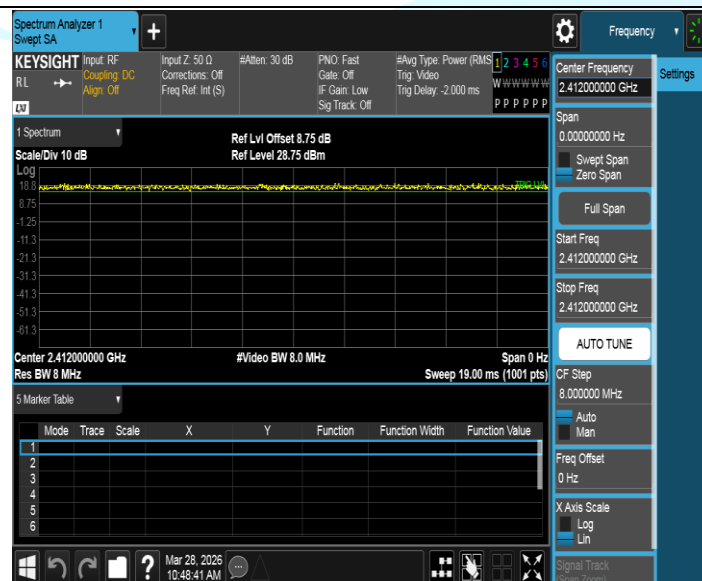
11N40MIMO Ant1 2452



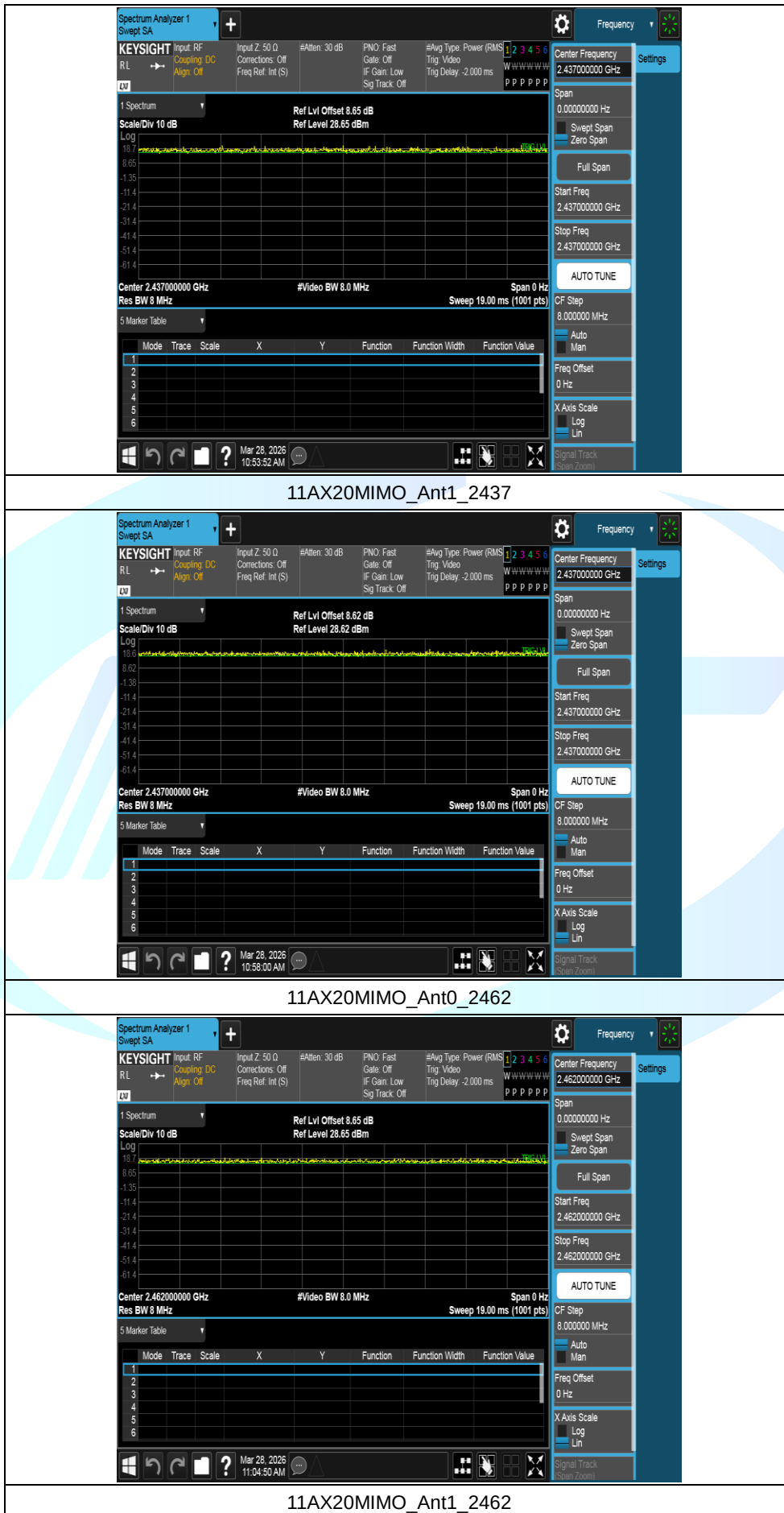
11AX20MIMO_Ant0_2412

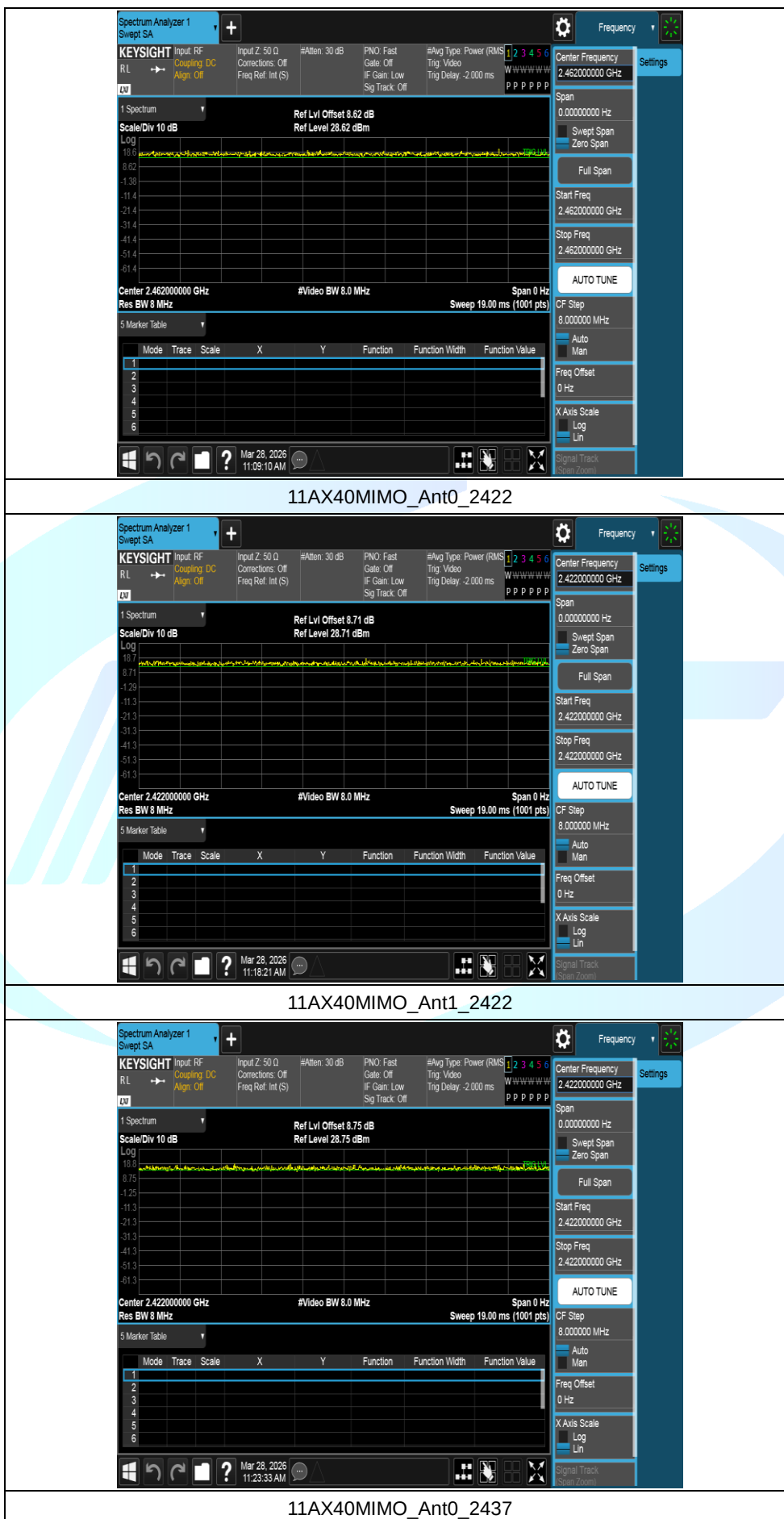


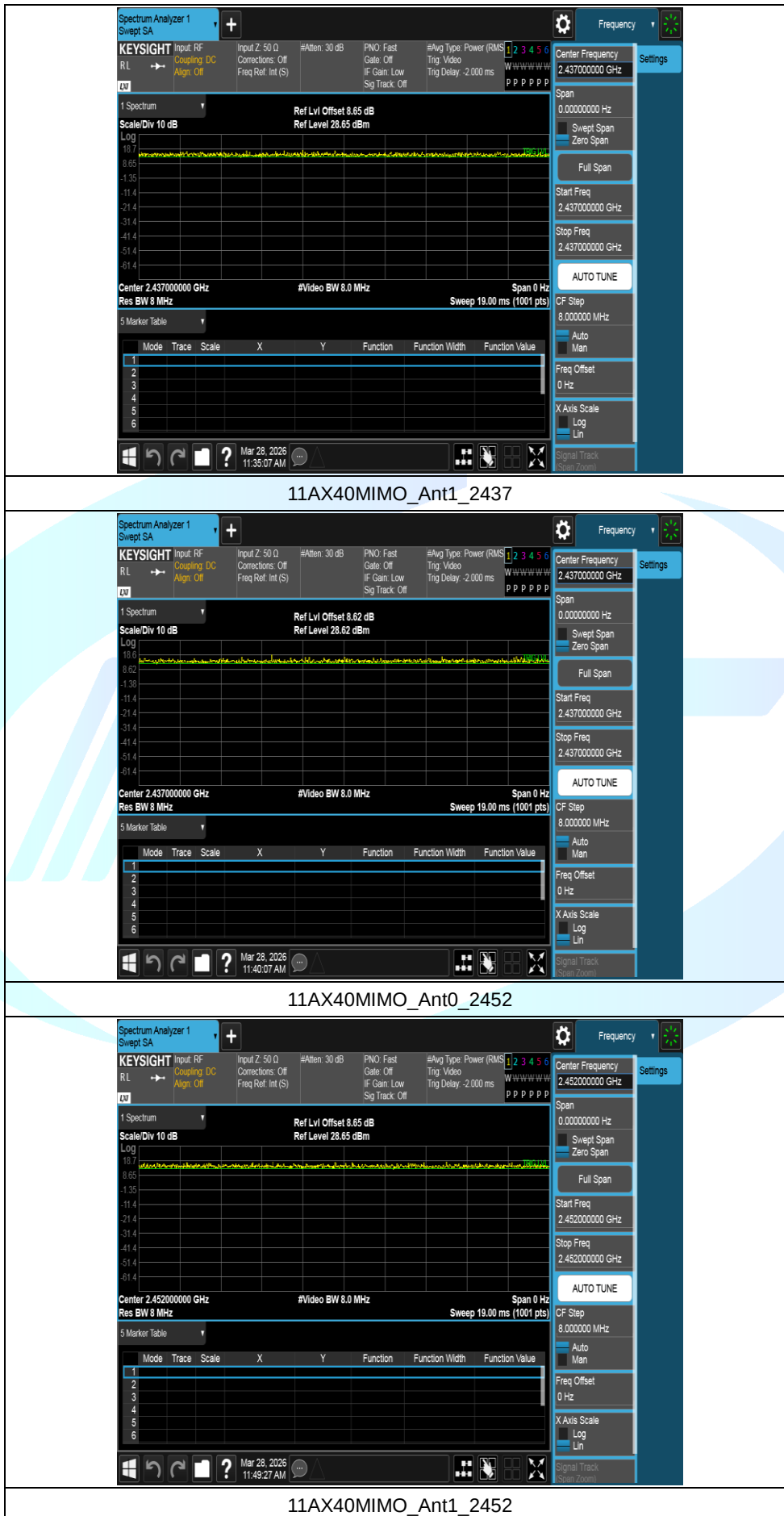
11AX20MIMO_Ant1_2412

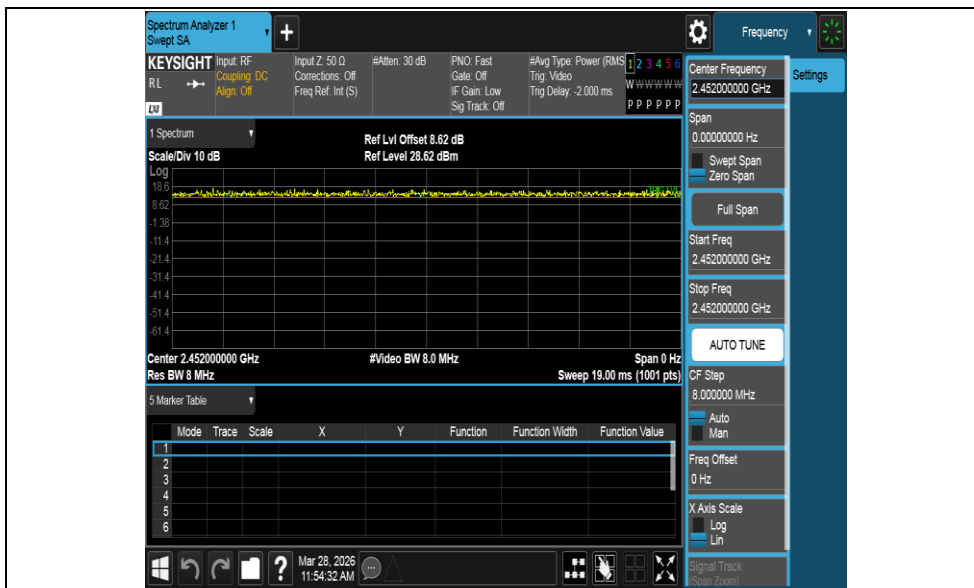


11AX20MIMO_Ant0_2437









Conducted Output Power

Test Mode	Antenna	Frequency [MHz]	Average power [dBm]	Duty Cycle [%]	DC Factor [dBm]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant0	2412	15.54	100.00	0.00	15.54	≤30.00	PASS
	Ant1	2412	15.33	100.00	0.00	15.33	≤30.00	PASS
	Ant0	2437	15.46	100.00	0.00	15.46	≤30.00	PASS
	Ant1	2437	15.30	100.00	0.00	15.30	≤30.00	PASS
	Ant0	2462	15.52	100.00	0.00	15.52	≤30.00	PASS
	Ant1	2462	15.29	100.00	0.00	15.29	≤30.00	PASS
11G	Ant0	2412	15.95	100.00	0.00	15.95	≤30.00	PASS
	Ant1	2412	15.75	100.00	0.00	15.75	≤30.00	PASS
	Ant0	2437	15.79	100.00	0.00	15.79	≤30.00	PASS
	Ant1	2437	15.58	100.00	0.00	15.58	≤30.00	PASS
	Ant0	2462	15.45	100.00	0.00	15.45	≤30.00	PASS
	Ant1	2462	15.29	100.00	0.00	15.29	≤30.00	PASS
11N20MIMO	Ant0	2412	13.99	100.00	0.00	13.99	≤30.00	PASS
	Ant1	2412	14.23	100.00	0.00	14.23	≤30.00	PASS
	total	2412	---	---	---	17.12	≤30.00	PASS
	Ant0	2437	13.98	100.00	0.00	13.98	≤30.00	PASS
	Ant1	2437	14.87	100.00	0.00	14.87	≤30.00	PASS
	total	2437	---	---	---	17.46	≤30.00	PASS
	Ant0	2462	13.65	100.00	0.00	13.65	≤30.00	PASS
	Ant1	2462	14.10	100.00	0.00	14.10	≤30.00	PASS
	total	2462	---	---	---	16.89	≤30.00	PASS
11N40MIMO	Ant0	2422	13.99	100.00	0.00	13.99	≤30.00	PASS
	Ant1	2422	13.84	100.00	0.00	13.84	≤30.00	PASS
	total	2422	---	---	---	16.93	≤30.00	PASS
	Ant0	2437	13.24	100.00	0.00	13.24	≤30.00	PASS
	Ant1	2437	12.18	100.00	0.00	12.18	≤30.00	PASS
	total	2437	---	---	---	15.75	≤30.00	PASS
	Ant0	2452	13.25	100.00	0.00	13.25	≤30.00	PASS
	Ant1	2452	12.97	100.00	0.00	12.97	≤30.00	PASS
	total	2452	---	---	---	16.12	≤30.00	PASS
11AX20MIMO	Ant0	2412	13.40	100.00	0.00	13.40	≤30.00	PASS
	Ant1	2412	13.63	100.00	0.00	13.63	≤30.00	PASS
	total	2412	---	---	---	16.53	≤30.00	PASS
	Ant0	2437	13.51	100.00	0.00	13.51	≤30.00	PASS
	Ant1	2437	14.42	100.00	0.00	14.42	≤30.00	PASS
	total	2437	---	---	---	17.00	≤30.00	PASS
	Ant0	2462	13.19	100.00	0.00	13.19	≤30.00	PASS
	Ant1	2462	13.58	100.00	0.00	13.58	≤30.00	PASS
	total	2462	---	---	---	16.40	≤30.00	PASS

11AX40MIMO	Ant0	2422	13.46	100.00	0.00	13.46	≤30.00	PASS
	Ant1	2422	13.45	100.00	0.00	13.45	≤30.00	PASS
	total	2422	---	---	---	16.47	≤30.00	PASS
	Ant0	2437	13.28	100.00	0.00	13.28	≤30.00	PASS
	Ant1	2437	12.29	100.00	0.00	12.29	≤30.00	PASS
	total	2437	---	---	---	15.82	≤30.00	PASS
	Ant0	2452	13.32	100.00	0.00	13.32	≤30.00	PASS
	Ant1	2452	13.11	100.00	0.00	13.11	≤30.00	PASS
	total	2452	---	---	---	16.23	≤30.00	PASS



