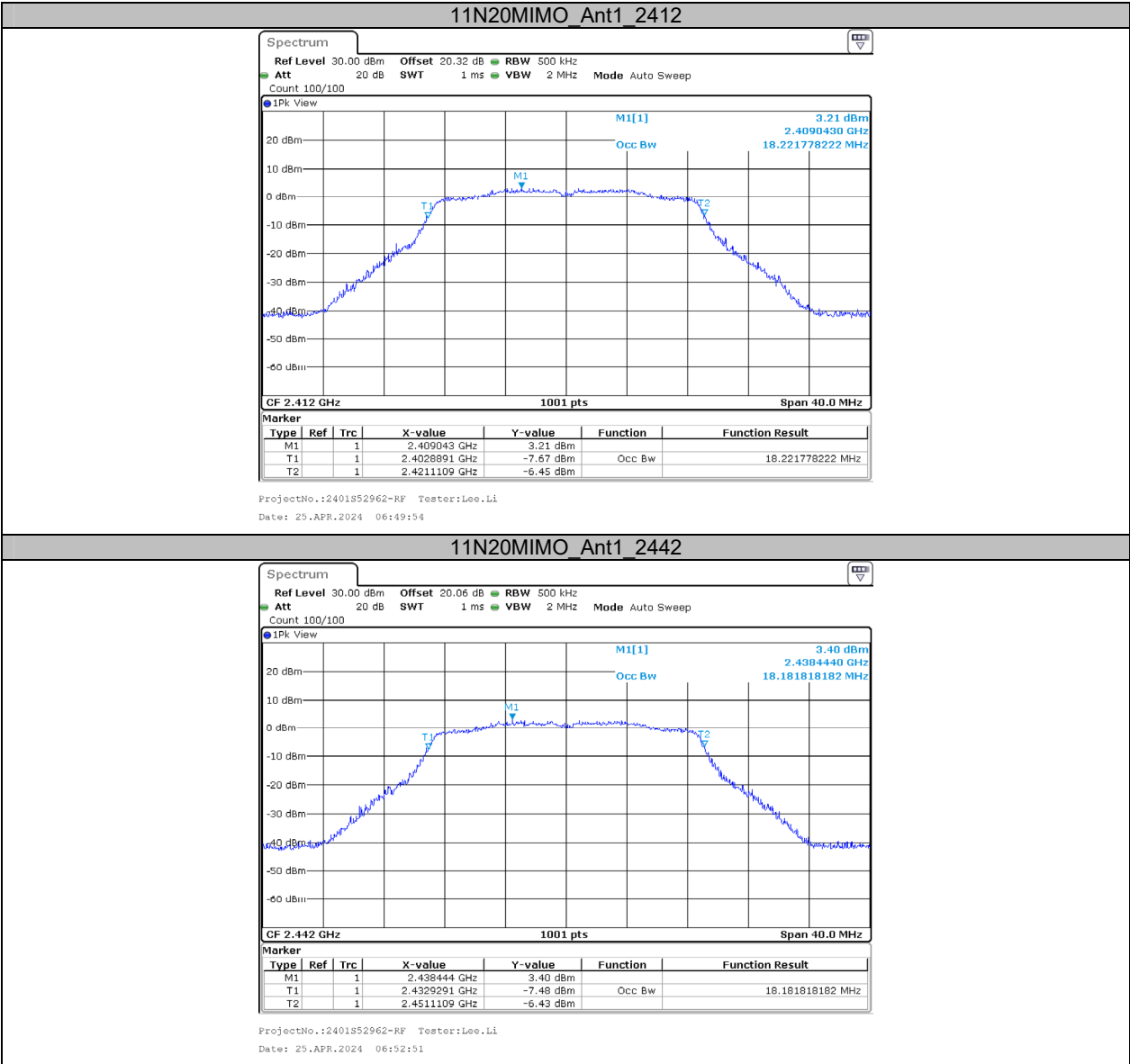
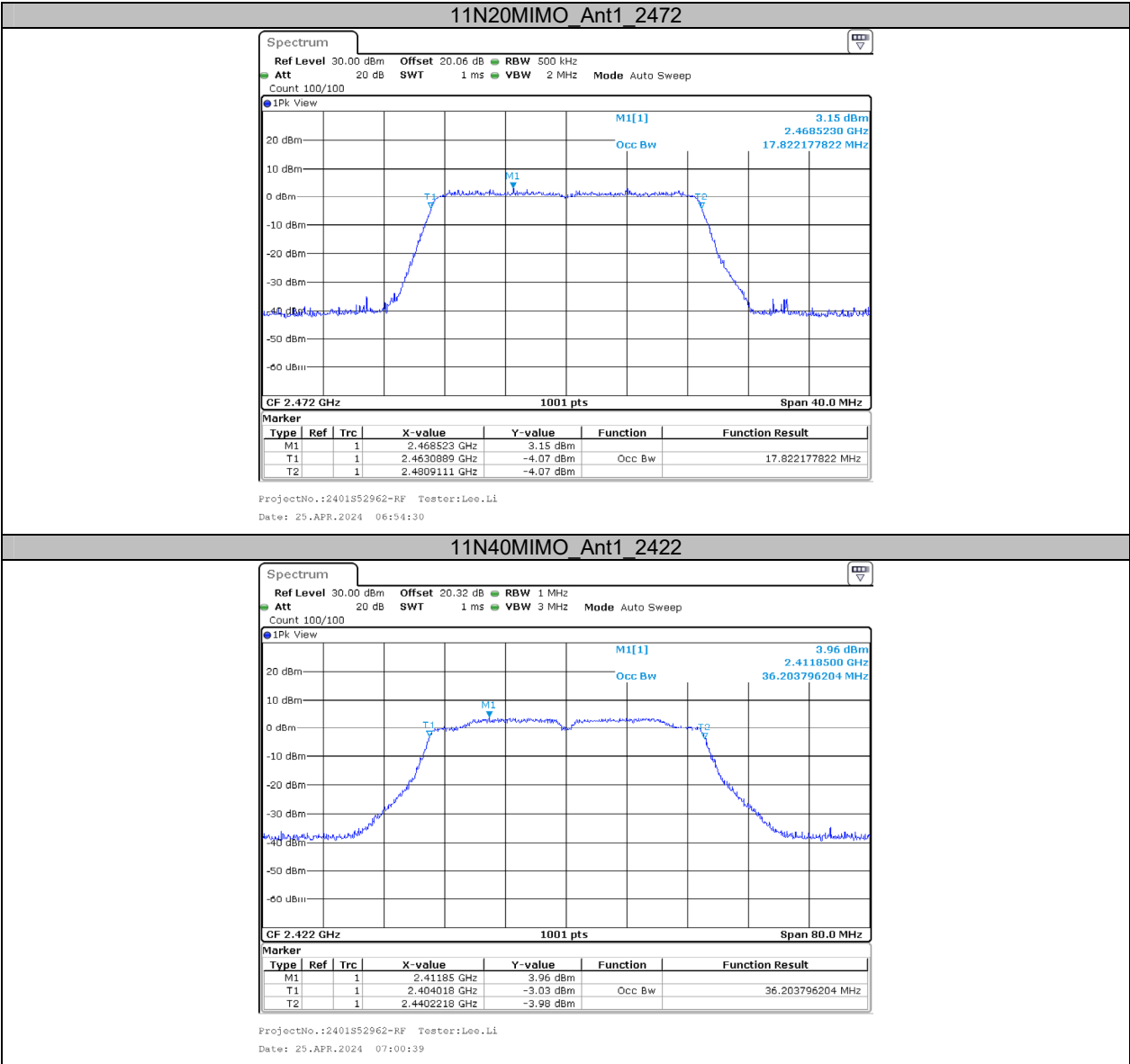
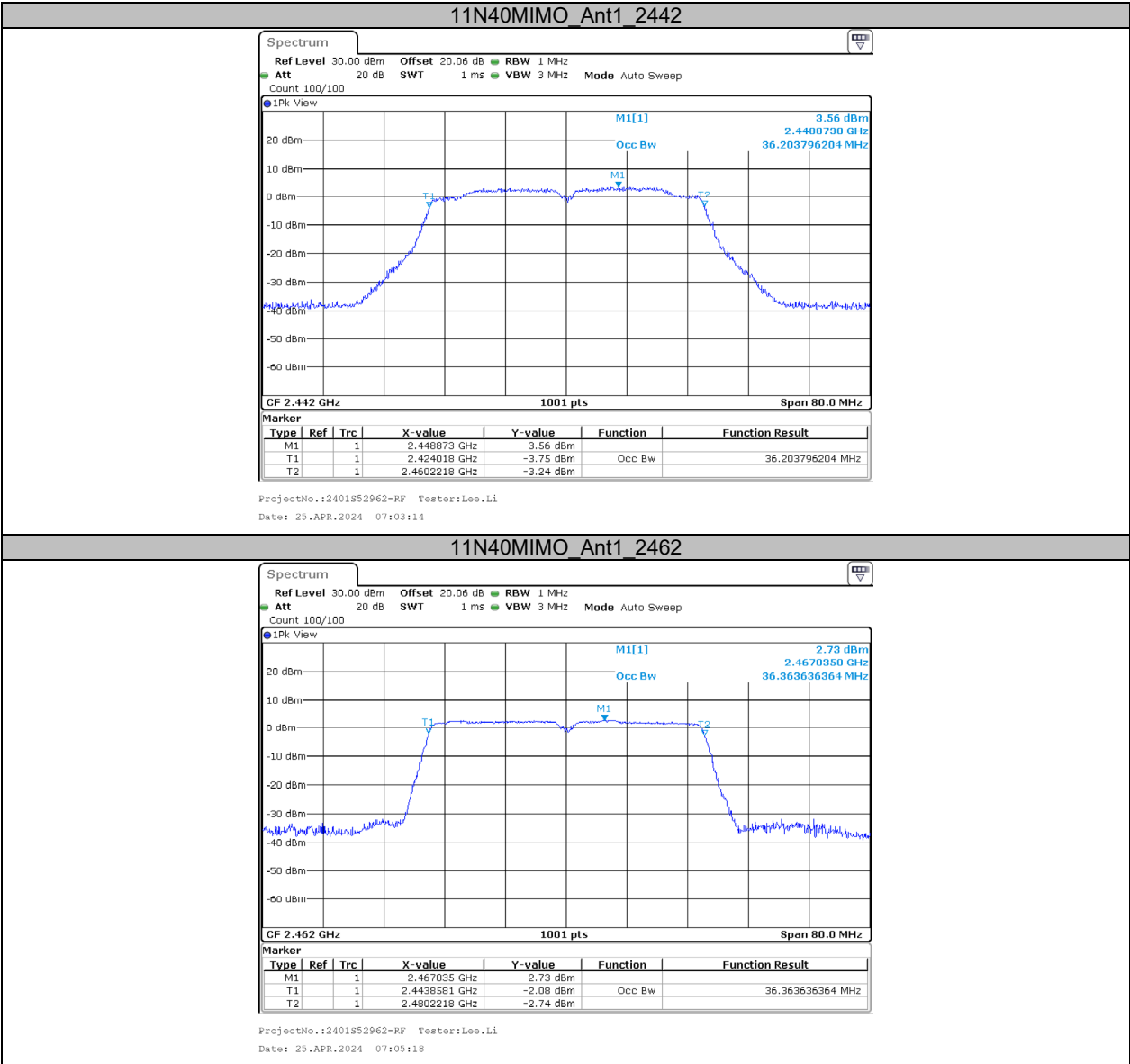
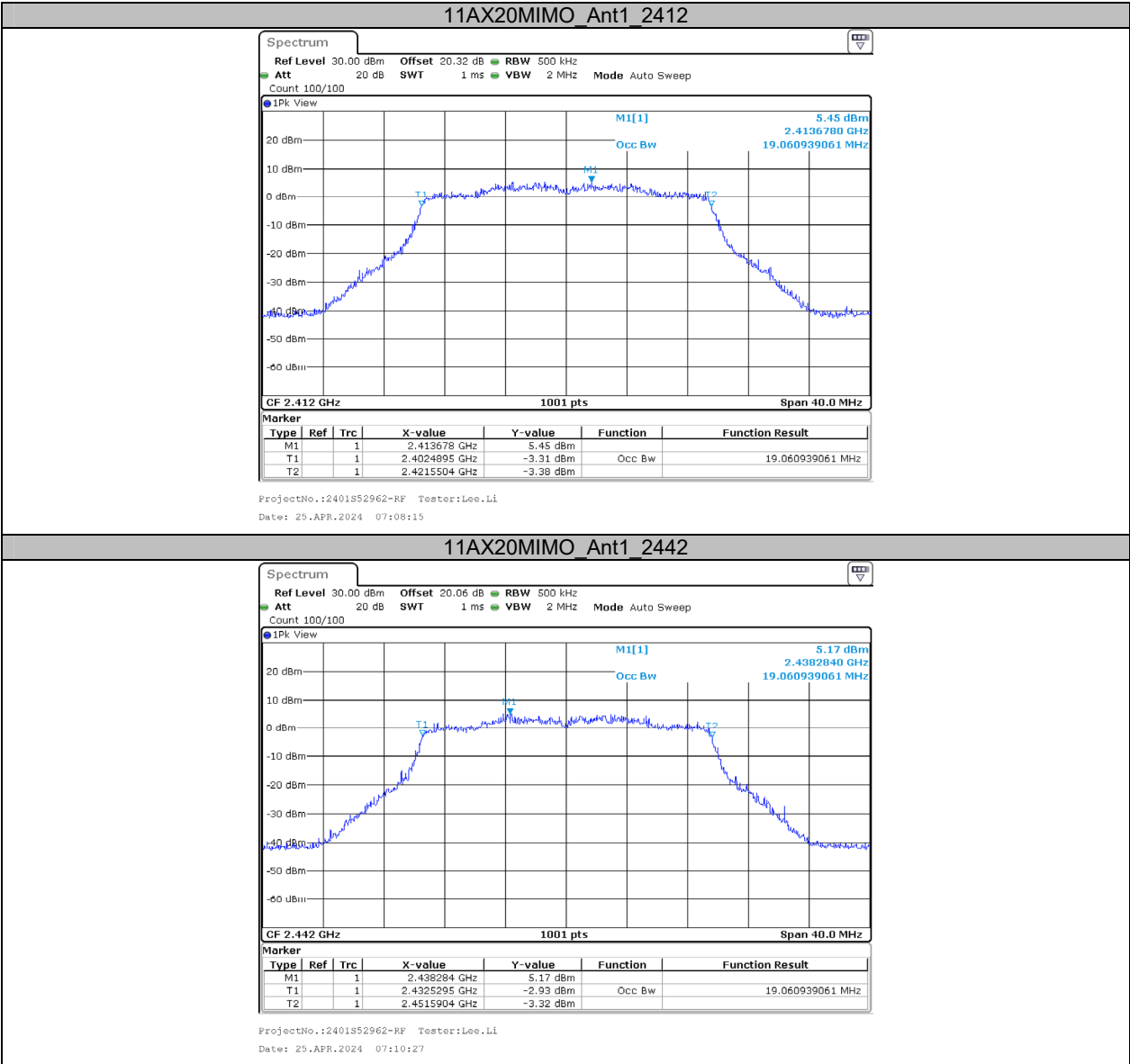
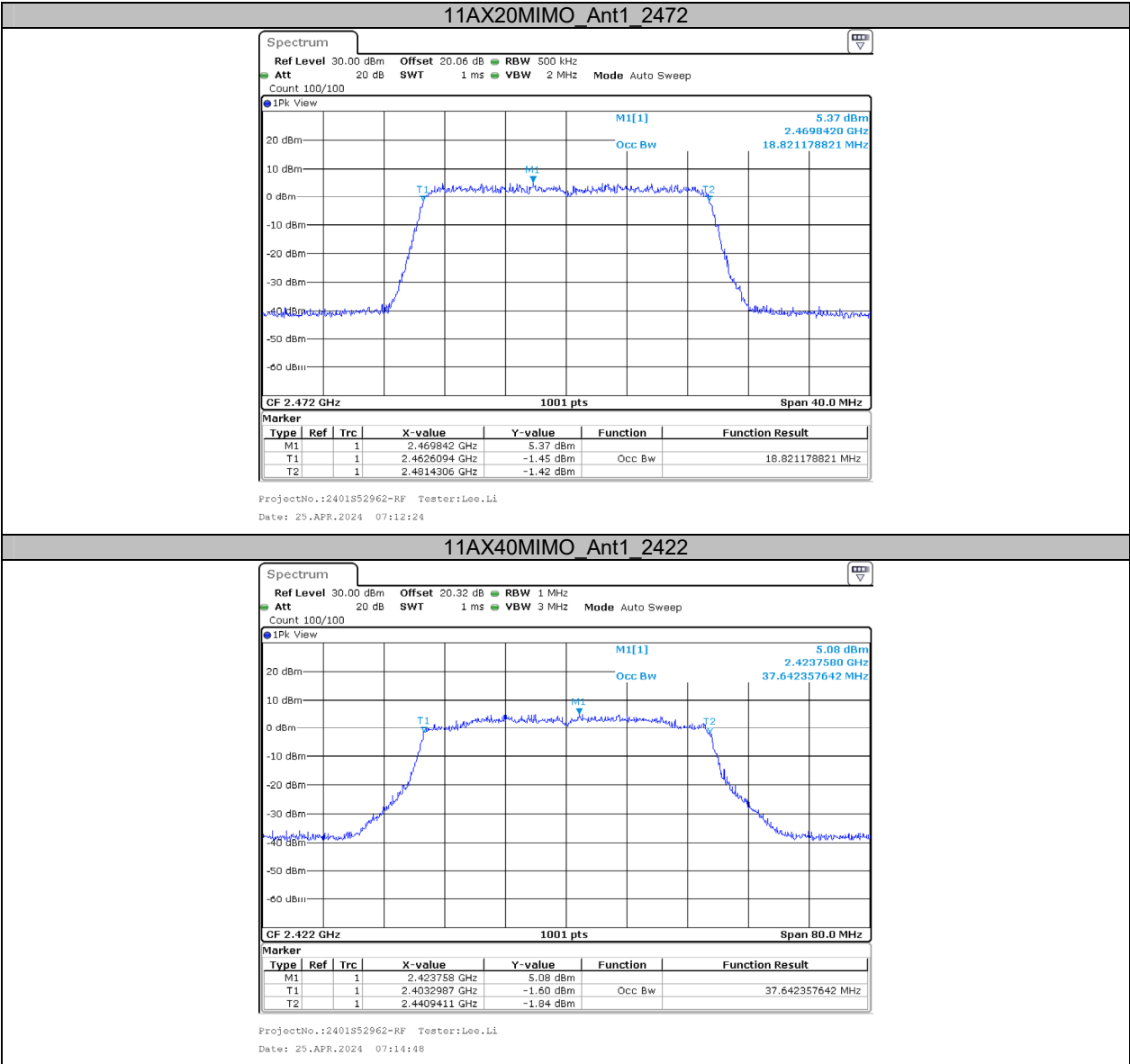


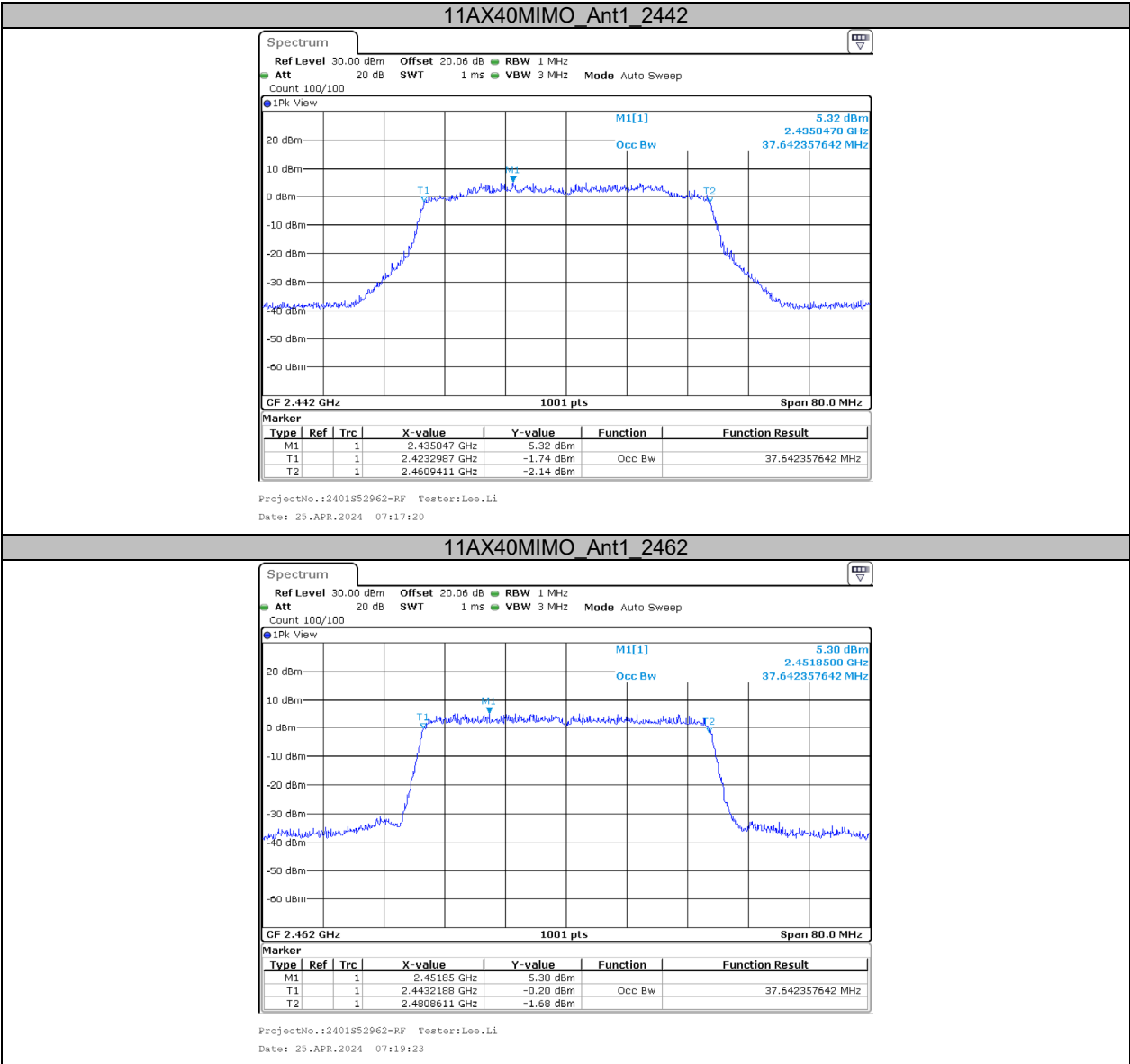












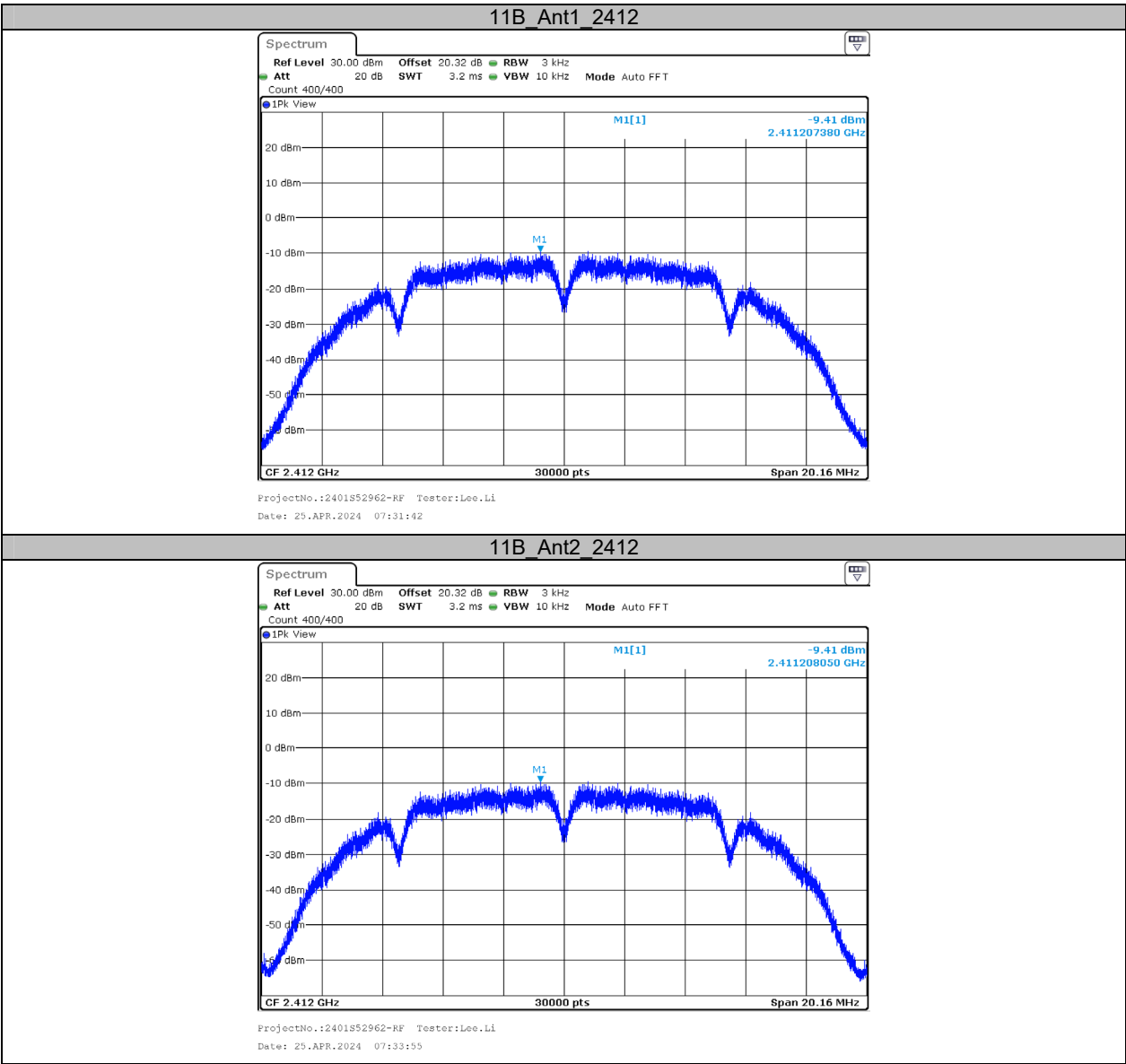
Appendix C: Maximum conducted output power Test Result

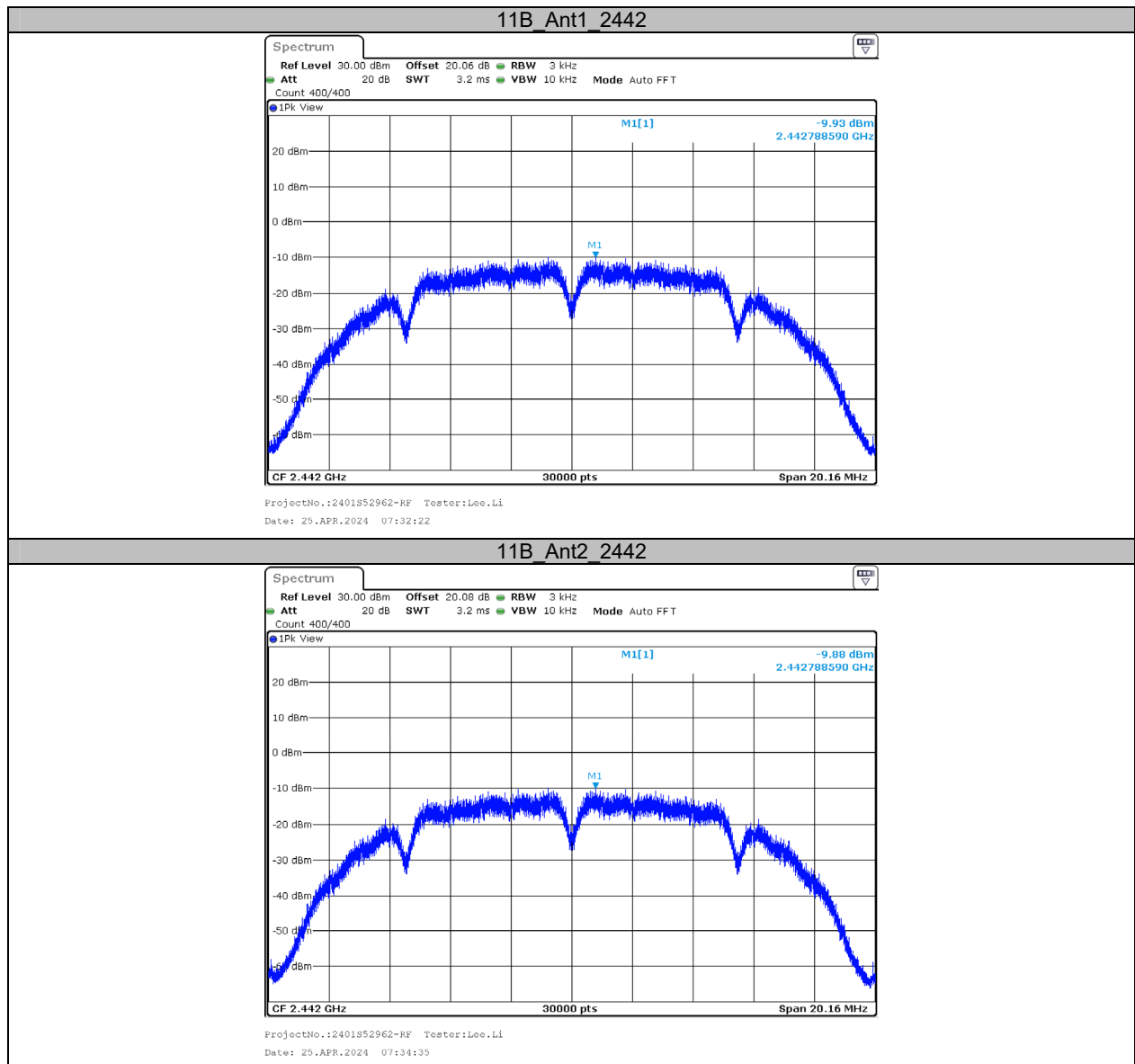
Test Mode	Antenna	Frequency [MHz]	Peak Power [dBm]	Conducted Limit [dBm]	EIRP [dBm]	EIRP Limit [dBm]	Verdict
11B	Ant1	2412	16.44	≤30.00	18.76	≤36.00	PASS
	Ant2	2412	16.56	≤30.00	19.42	≤36.00	PASS
	Ant1	2442	16.03	≤30.00	18.35	≤36.00	PASS
	Ant2	2442	16.02	≤30.00	18.88	≤36.00	PASS
	Ant1	2472	16.31	≤30.00	18.63	≤36.00	PASS
	Ant2	2472	16.36	≤30.00	19.22	≤36.00	PASS
11G	Ant1	2412	16.66	≤30.00	18.98	≤36.00	PASS
	Ant2	2412	17.00	≤30.00	19.86	≤36.00	PASS
	Ant1	2442	16.25	≤30.00	18.57	≤36.00	PASS
	Ant2	2442	16.50	≤30.00	19.36	≤36.00	PASS
	Ant1	2472	17.02	≤30.00	19.34	≤36.00	PASS
	Ant2	2472	17.33	≤30.00	20.19	≤36.00	PASS
11N20MIMO	Ant1	2412	16.31	≤30.00	18.63	≤36.00	PASS
	Ant2	2412	16.53	≤30.00	19.39	≤36.00	PASS
	total	2412	19.43	≤30.00	22.29	≤36.00	PASS
	Ant1	2442	15.75	≤30.00	18.07	≤36.00	PASS
	Ant2	2442	15.93	≤30.00	18.79	≤36.00	PASS
	total	2442	18.85	≤30.00	21.71	≤36.00	PASS
	Ant1	2472	16.84	≤30.00	19.16	≤36.00	PASS
	Ant2	2472	17.09	≤30.00	19.95	≤36.00	PASS
	total	2472	19.98	≤30.00	22.84	≤36.00	PASS
	Ant1	2422	16.70	≤30.00	19.02	≤36.00	PASS
11N40MIMO	Ant2	2422	17.01	≤30.00	19.87	≤36.00	PASS
	total	2422	19.87	≤30.00	22.73	≤36.00	PASS
	Ant1	2442	16.48	≤30.00	18.80	≤36.00	PASS
	Ant2	2442	16.70	≤30.00	19.56	≤36.00	PASS
	total	2442	19.60	≤30.00	22.46	≤36.00	PASS
	Ant1	2462	16.90	≤30.00	19.22	≤36.00	PASS
	Ant2	2462	17.17	≤30.00	20.03	≤36.00	PASS
	total	2462	20.05	≤30.00	22.91	≤36.00	PASS
	Ant1	2412	16.48	≤30.00	18.80	≤36.00	PASS
	Ant2	2412	16.68	≤30.00	19.54	≤36.00	PASS
11AX20MIMO	total	2412	19.59	≤30.00	22.45	≤36.00	PASS
	Ant1	2442	16.03	≤30.00	18.35	≤36.00	PASS
	Ant2	2442	16.10	≤30.00	18.96	≤36.00	PASS
	total	2442	19.08	≤30.00	21.94	≤36.00	PASS
	Ant1	2472	17.51	≤30.00	19.83	≤36.00	PASS
	Ant2	2472	17.74	≤30.00	20.60	≤36.00	PASS
	total	2472	20.64	≤30.00	23.50	≤36.00	PASS
	Ant1	2422	16.88	≤30.00	19.20	≤36.00	PASS
	Ant2	2422	17.16	≤30.00	20.02	≤36.00	PASS
	total	2422	20.03	≤30.00	22.89	≤36.00	PASS
11AX40MIMO	Ant1	2442	16.63	≤30.00	18.95	≤36.00	PASS
	Ant2	2442	16.88	≤30.00	19.74	≤36.00	PASS
	total	2442	19.77	≤30.00	22.63	≤36.00	PASS
	Ant1	2462	17.38	≤30.00	19.70	≤36.00	PASS
	Ant2	2462	17.67	≤30.00	20.53	≤36.00	PASS
	total	2462	20.54	≤30.00	23.40	≤36.00	PASS
Note: The device employed Cyclic Delay Diversity (CDD) for 802.11 MIMO transmitting, per KDB 662911 D01 Multiple Transmitter Output v02r01, for power measurements on IEEE 802.11 devices: Array Gain = 0 dB (i.e., no array gain) for $N_{ANT} \leq 4$							
Maximum Antenna Gain:		2.86	dBi	Directional gain:		2.86	dBi

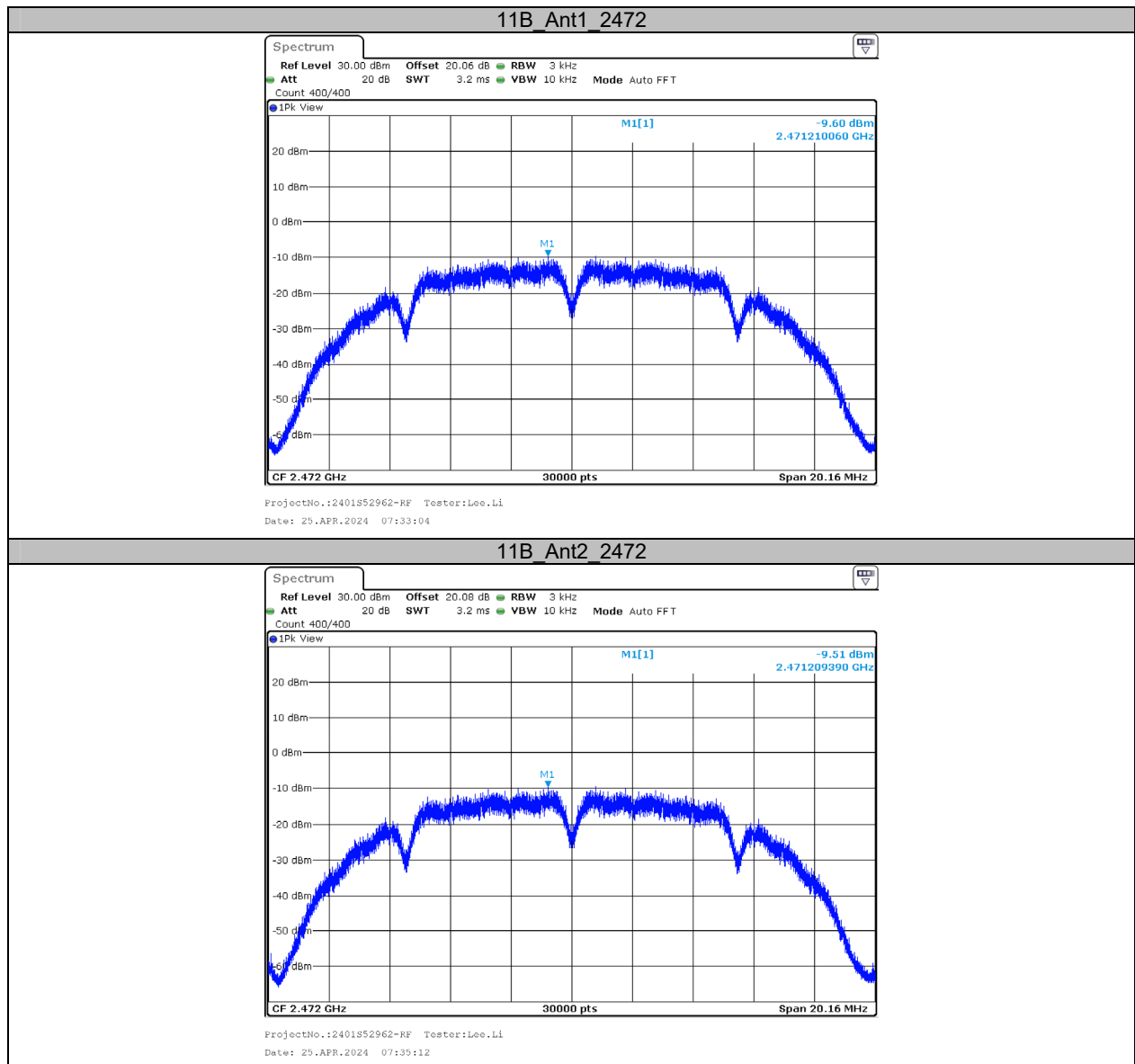
Appendix D: Maximum power spectral density Test Result

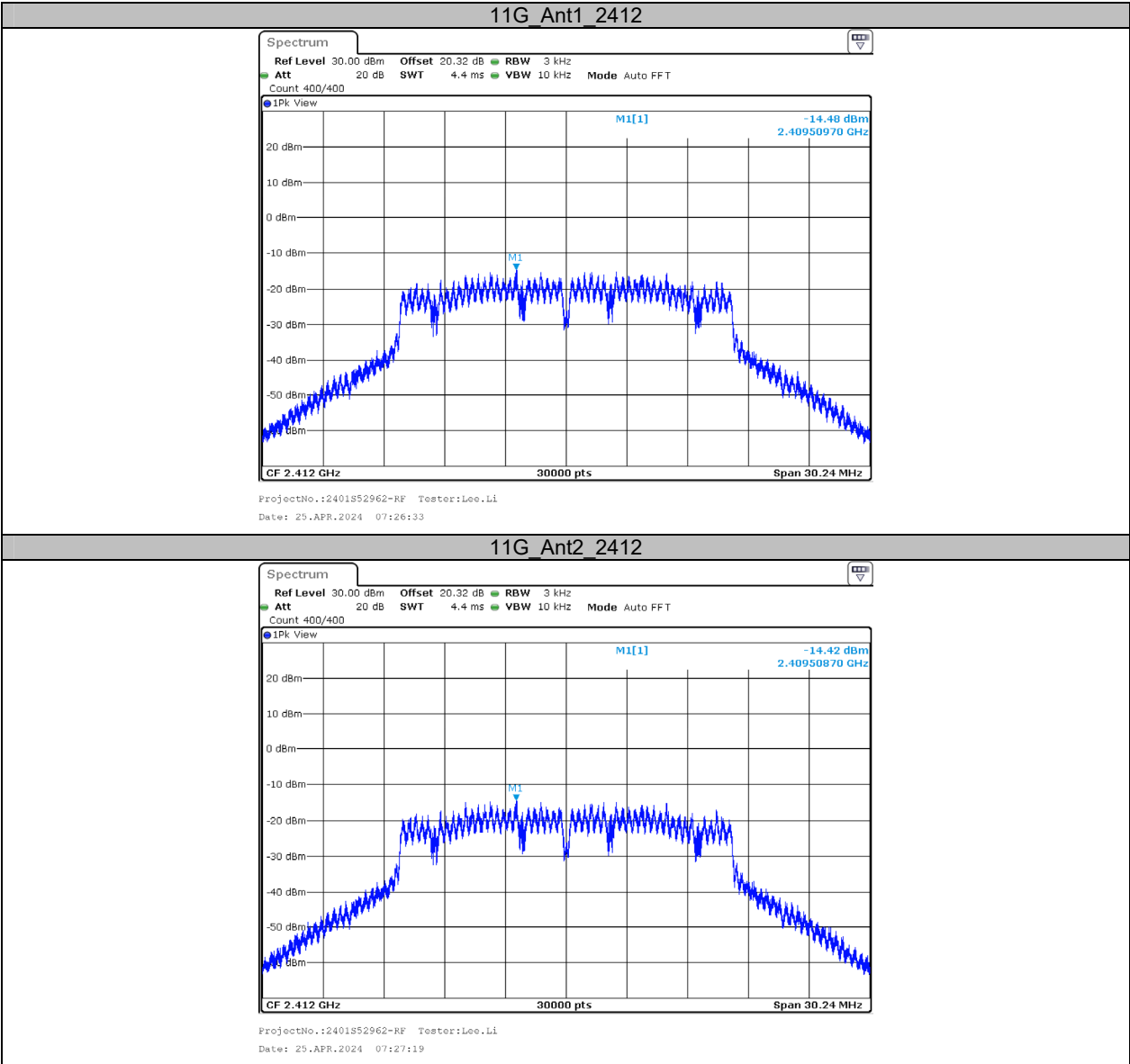
Test Mode	Antenna	Frequency[MHz]	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant1	2412	-9.41	≤8.00	PASS
	Ant2	2412	-9.41	≤8.00	PASS
	Ant1	2442	-9.93	≤8.00	PASS
	Ant2	2442	-9.88	≤8.00	PASS
	Ant1	2472	-9.60	≤8.00	PASS
	Ant2	2472	-9.51	≤8.00	PASS
11G	Ant1	2412	-14.48	≤8.00	PASS
	Ant2	2412	-14.42	≤8.00	PASS
	Ant1	2442	-15.18	≤8.00	PASS
	Ant2	2442	-14.62	≤8.00	PASS
	Ant1	2472	-15.31	≤8.00	PASS
	Ant2	2472	-14.96	≤8.00	PASS
11N20MIMO	Ant1	2412	-13.77	≤8.00	PASS
	Ant2	2412	-14.12	≤8.00	PASS
	total	2412	-10.93	≤8.00	PASS
	Ant1	2442	-14.27	≤8.00	PASS
	Ant2	2442	-14.18	≤8.00	PASS
	total	2442	-11.21	≤8.00	PASS
	Ant1	2472	-14.83	≤8.00	PASS
	Ant2	2472	-14.75	≤8.00	PASS
11N40MIMO	total	2472	-11.78	≤8.00	PASS
	Ant1	2422	-17.68	≤8.00	PASS
	Ant2	2422	-17.87	≤8.00	PASS
	total	2422	-14.76	≤8.00	PASS
	Ant1	2442	-17.94	≤8.00	PASS
	Ant2	2442	-17.68	≤8.00	PASS
	total	2442	-14.80	≤8.00	PASS
	Ant1	2462	-18.03	≤8.00	PASS
11AX20MIMO	Ant2	2462	-17.61	≤8.00	PASS
	total	2462	-14.80	≤8.00	PASS
	Ant1	2412	-16.10	≤8.00	PASS
	Ant2	2412	-14.96	≤8.00	PASS
	total	2412	-12.48	≤8.00	PASS
	Ant1	2442	-16.49	≤8.00	PASS
	Ant2	2442	-16.41	≤8.00	PASS
	total	2442	-13.44	≤8.00	PASS
11AX40MIMO	Ant1	2472	-16.83	≤8.00	PASS
	Ant2	2472	-16.25	≤8.00	PASS
	total	2472	-13.52	≤8.00	PASS
	Ant1	2422	-18.79	≤8.00	PASS
	Ant2	2422	-18.89	≤8.00	PASS
	total	2422	-15.83	≤8.00	PASS
	Ant1	2442	-19.11	≤8.00	PASS
	Ant2	2442	-18.60	≤8.00	PASS
	total	2442	-15.84	≤8.00	PASS
	Ant1	2462	-19.39	≤8.00	PASS
	Ant2	2462	-19.04	≤8.00	PASS
	total	2462	-16.20	≤8.00	PASS
Note: The device employed Cyclic Delay Diversity (CDD) for 802.11 MIMO transmitting, per KDB 662911 D01 Multiple Transmitter Output v02r01, for power spectral density (PSD) measurements on the devices: Array Gain = $10 \log(N_{\text{ANT}}/N_{\text{SS}})$ dB					
Maximum Antenna Gain:		2.86	dBi	Directional gain:	5.86 dBi

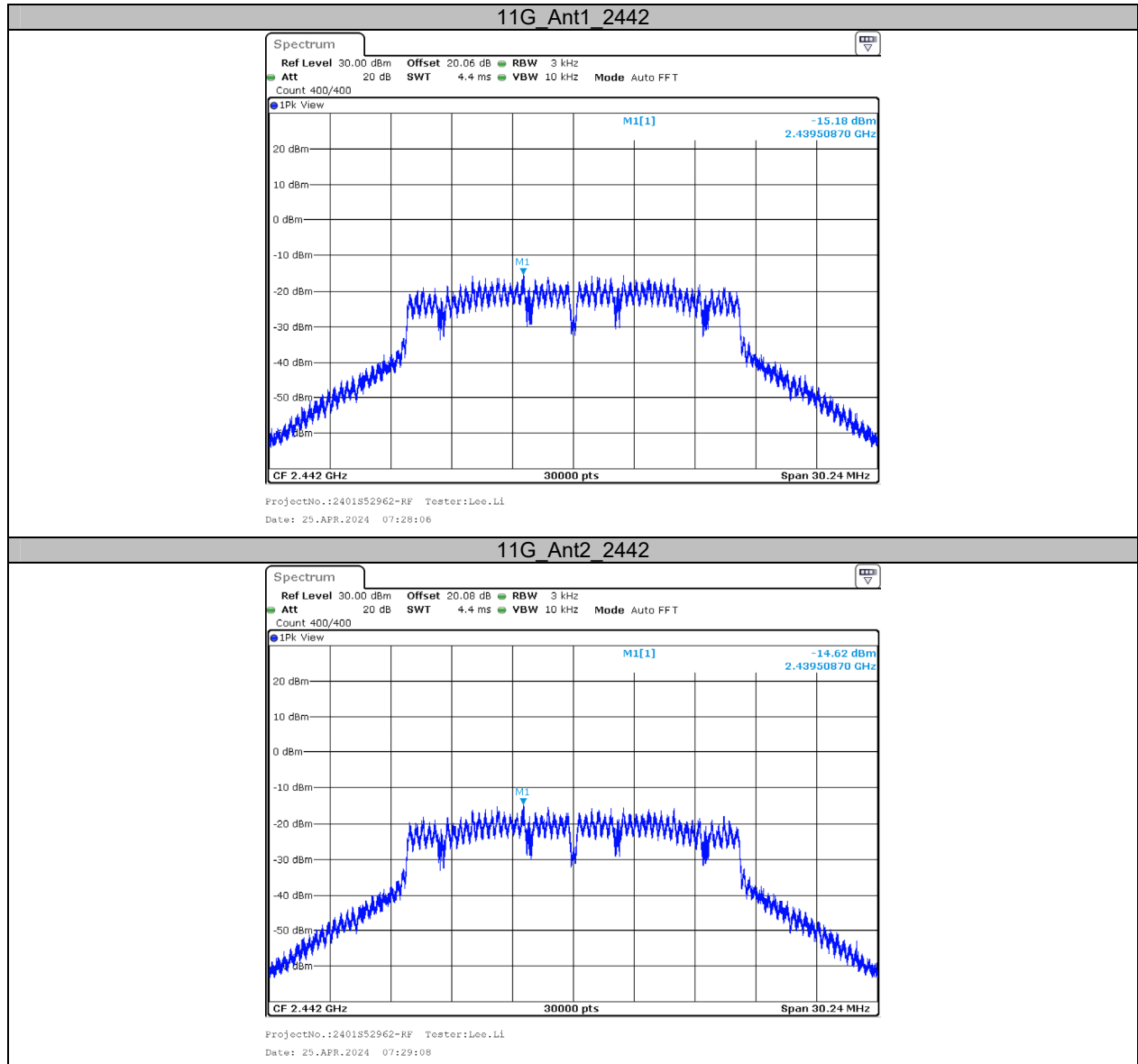
Test Graphs

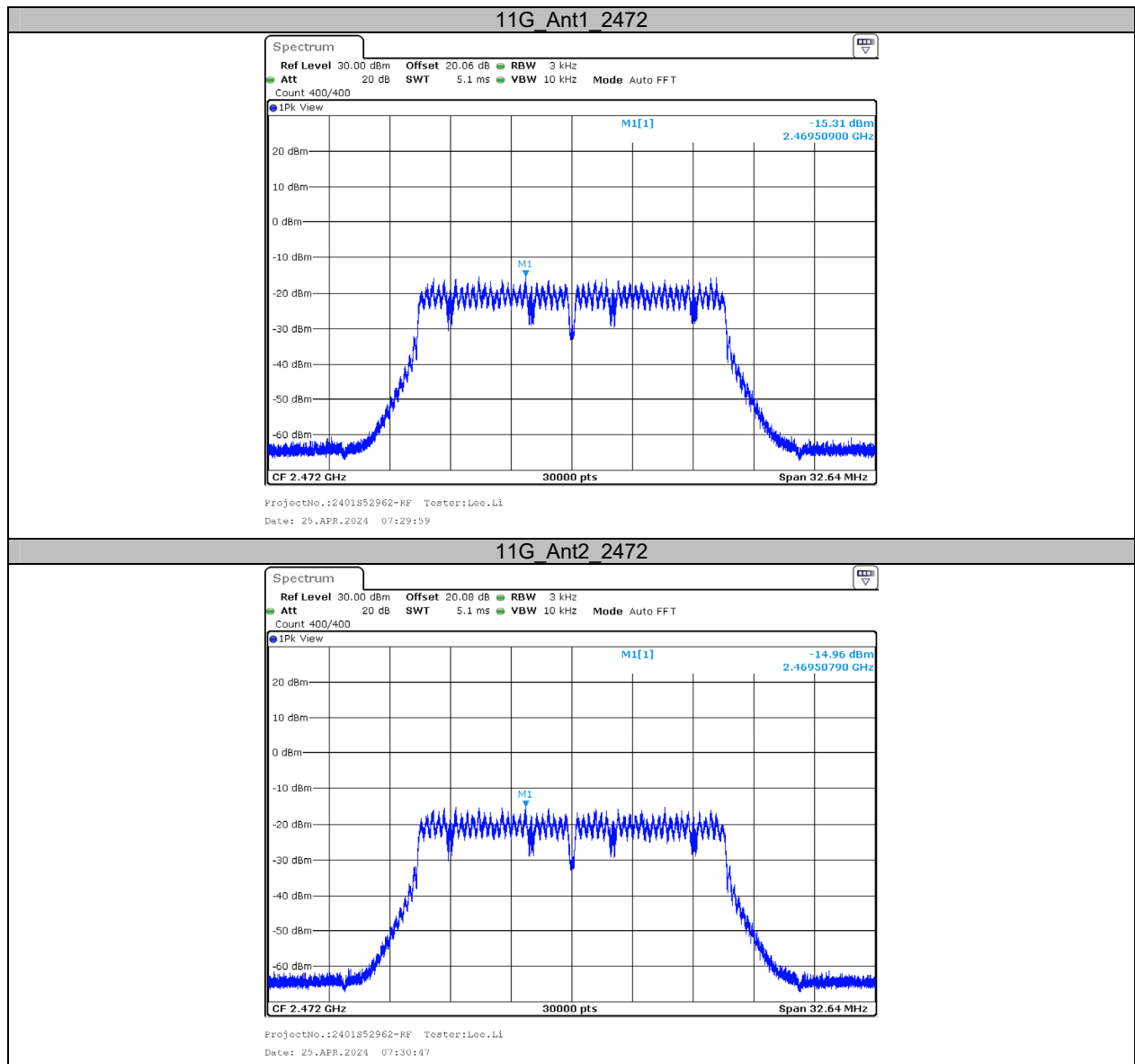


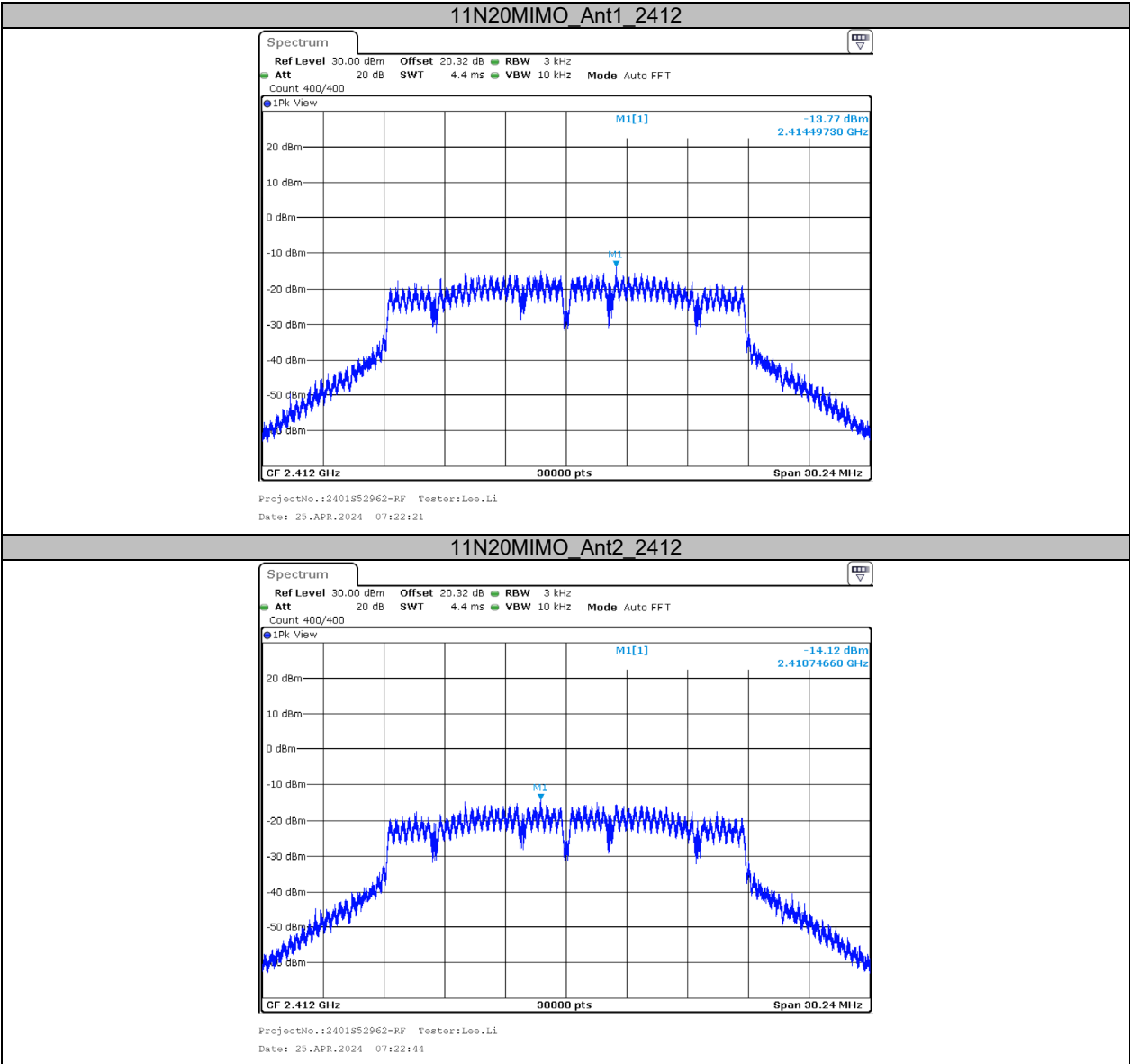


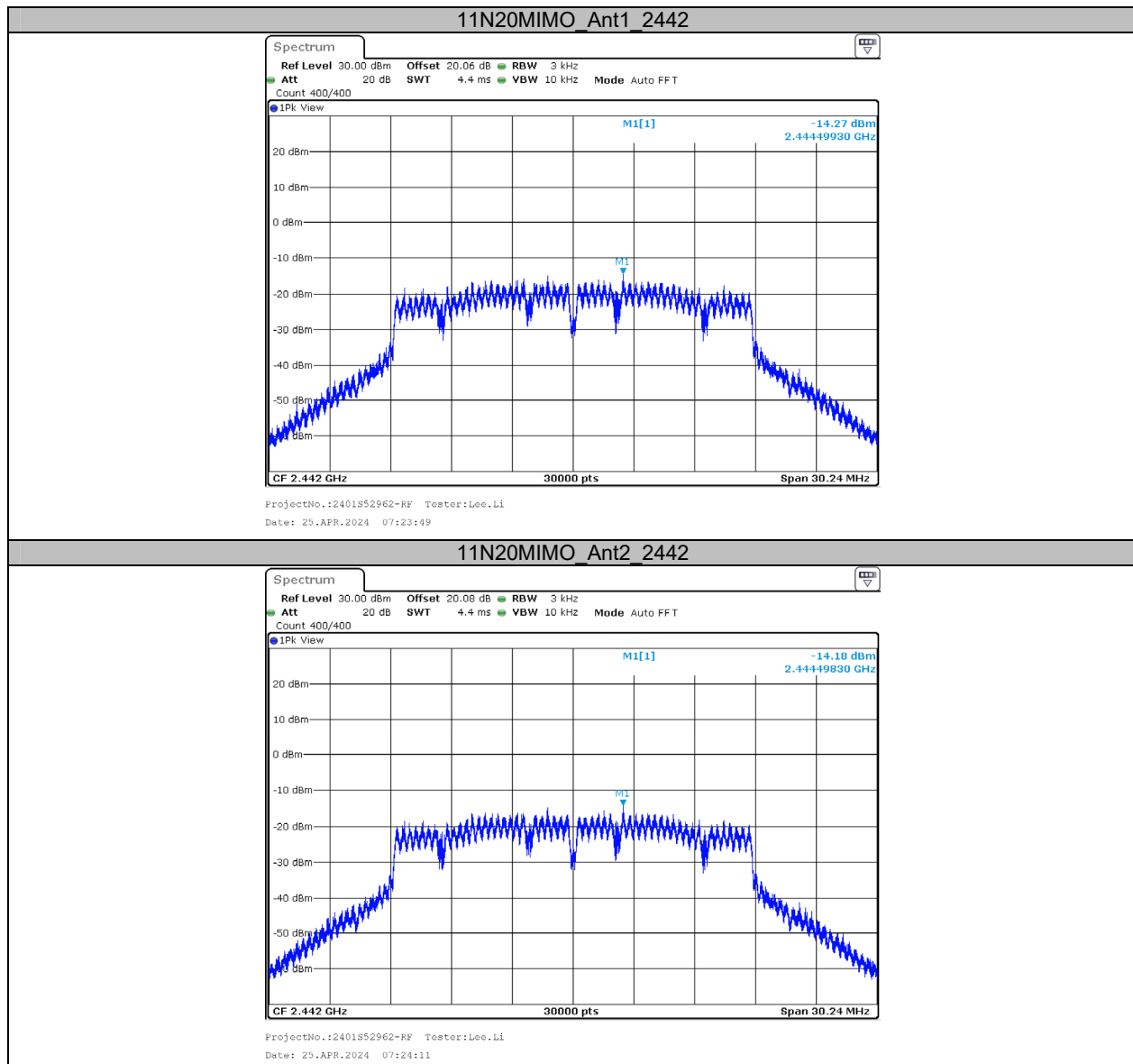


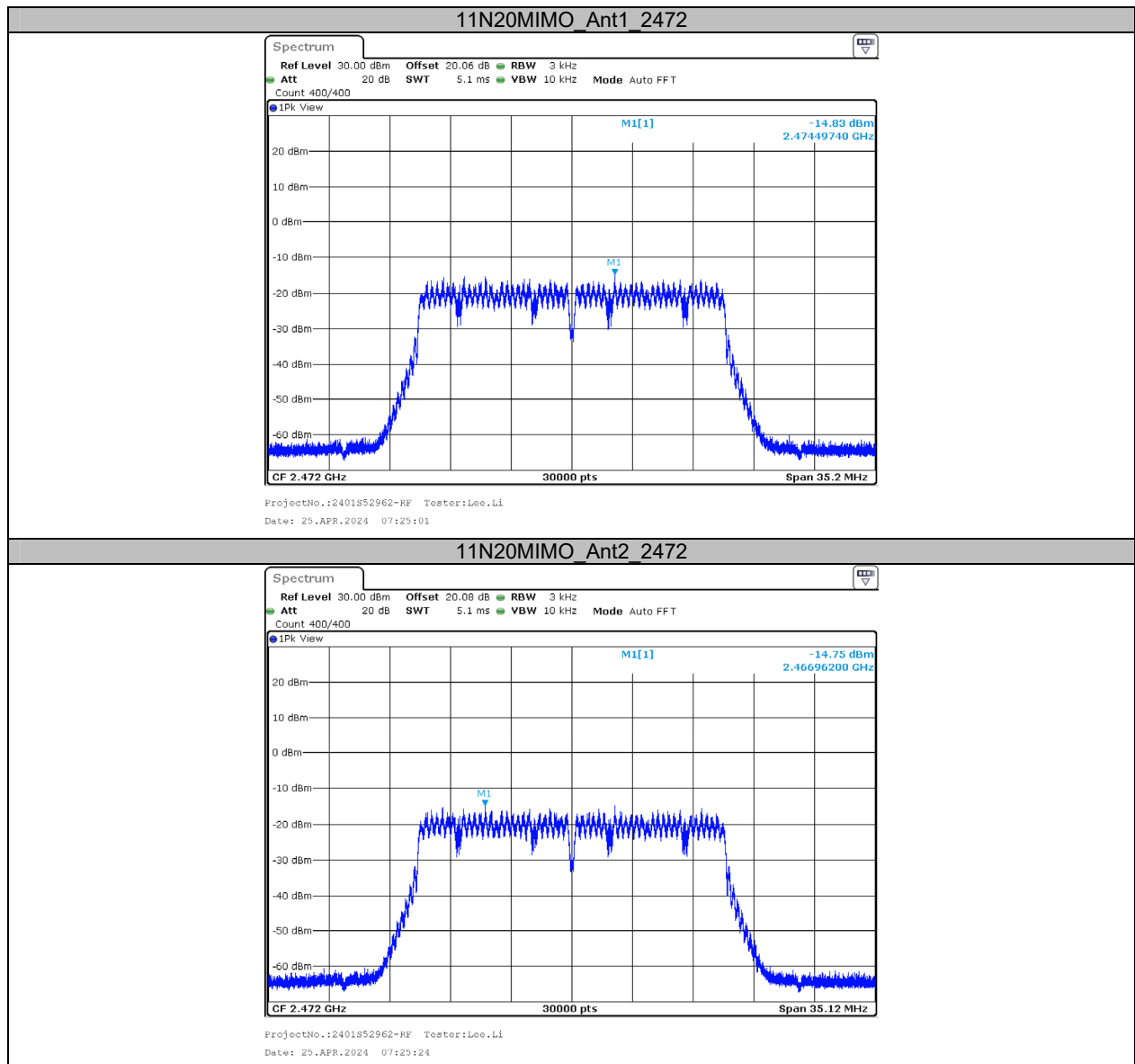


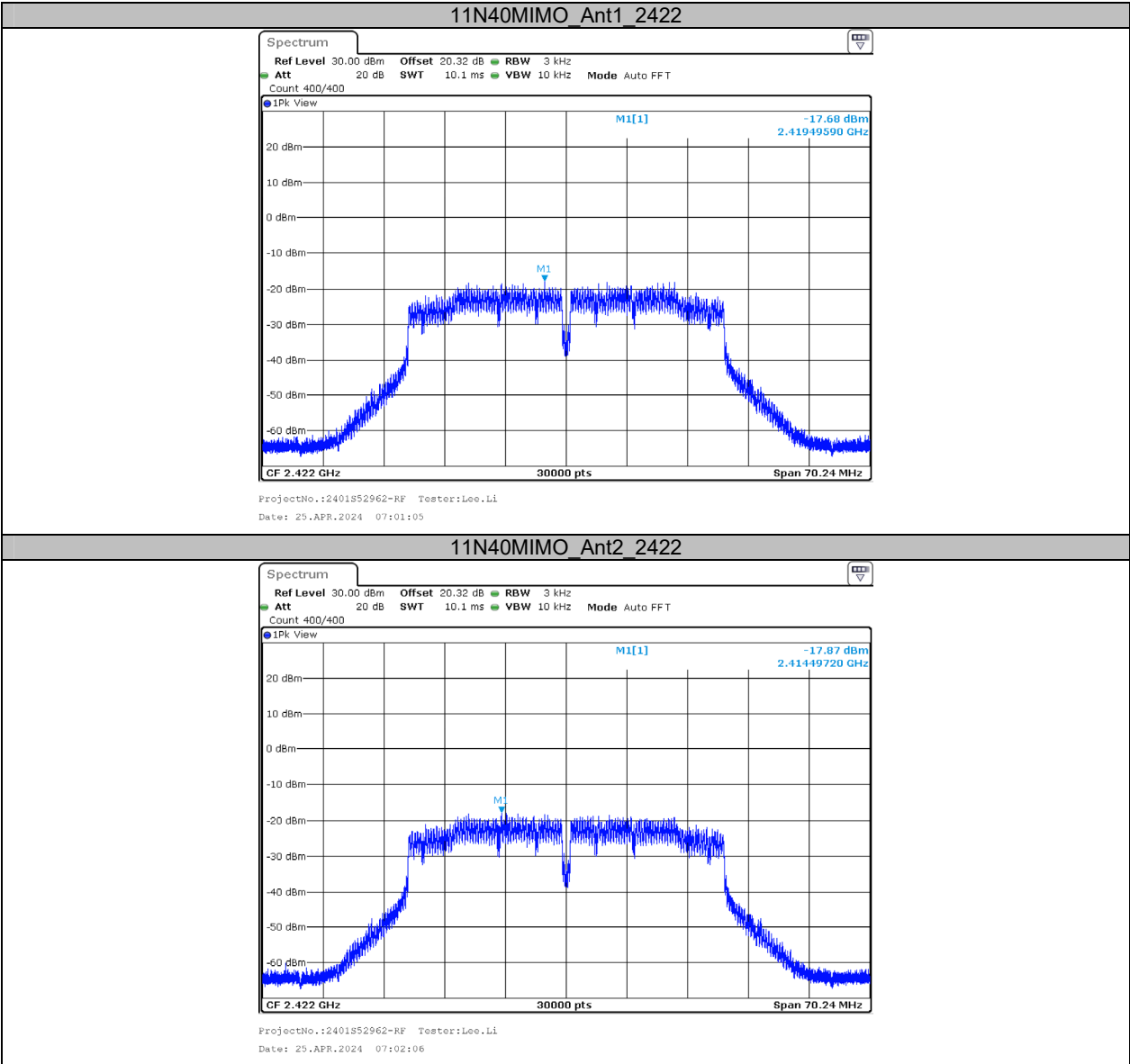


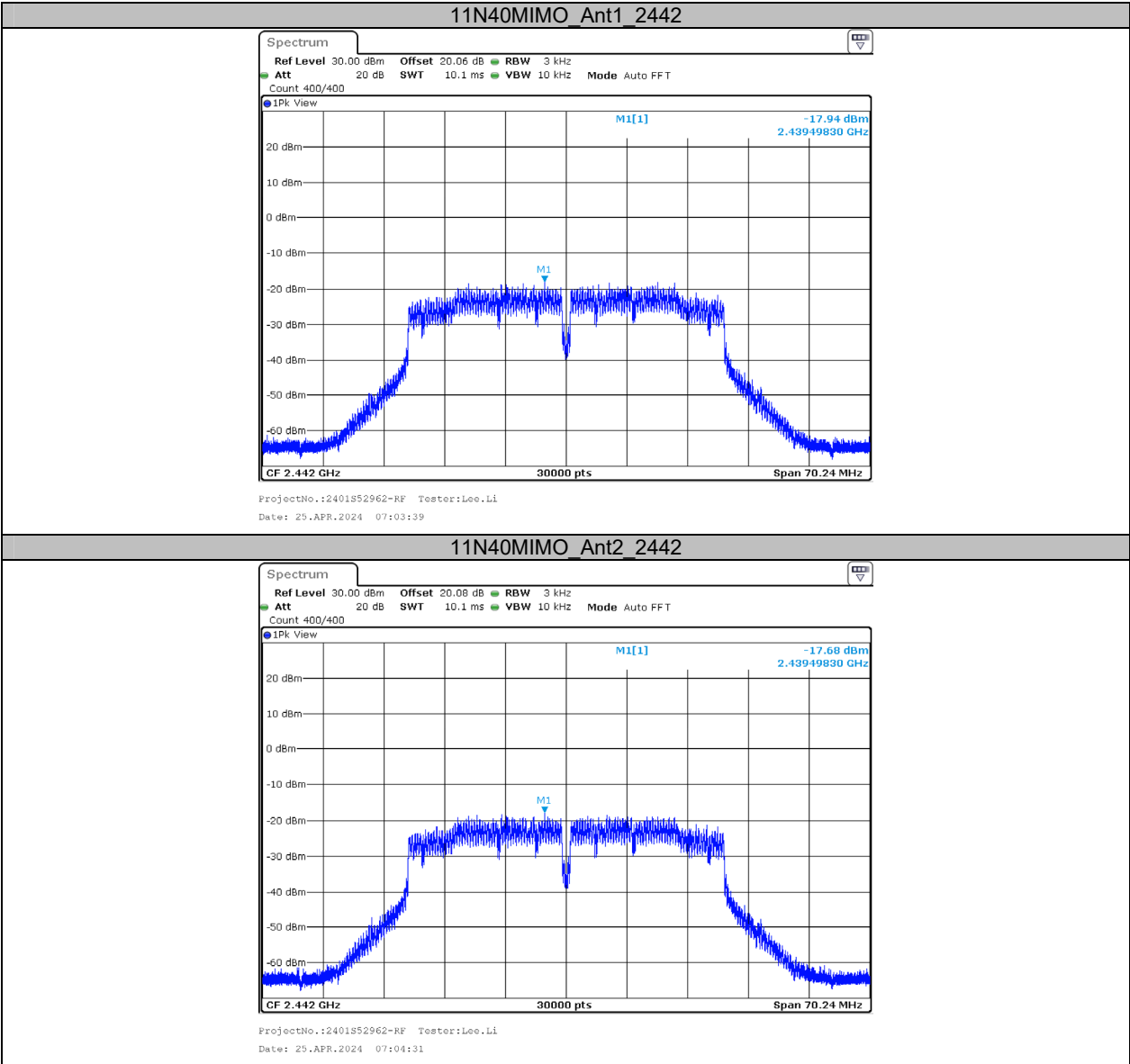


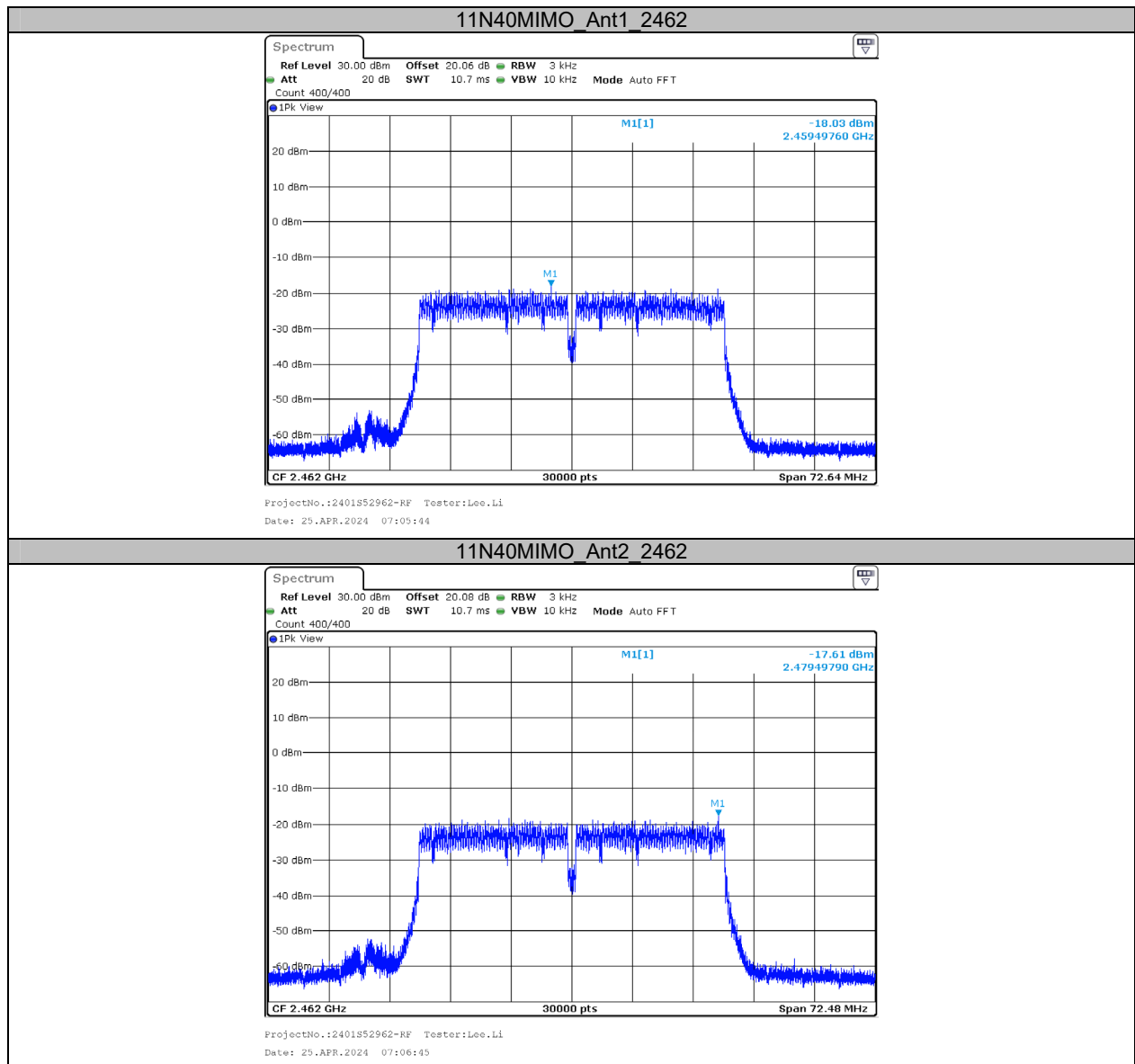


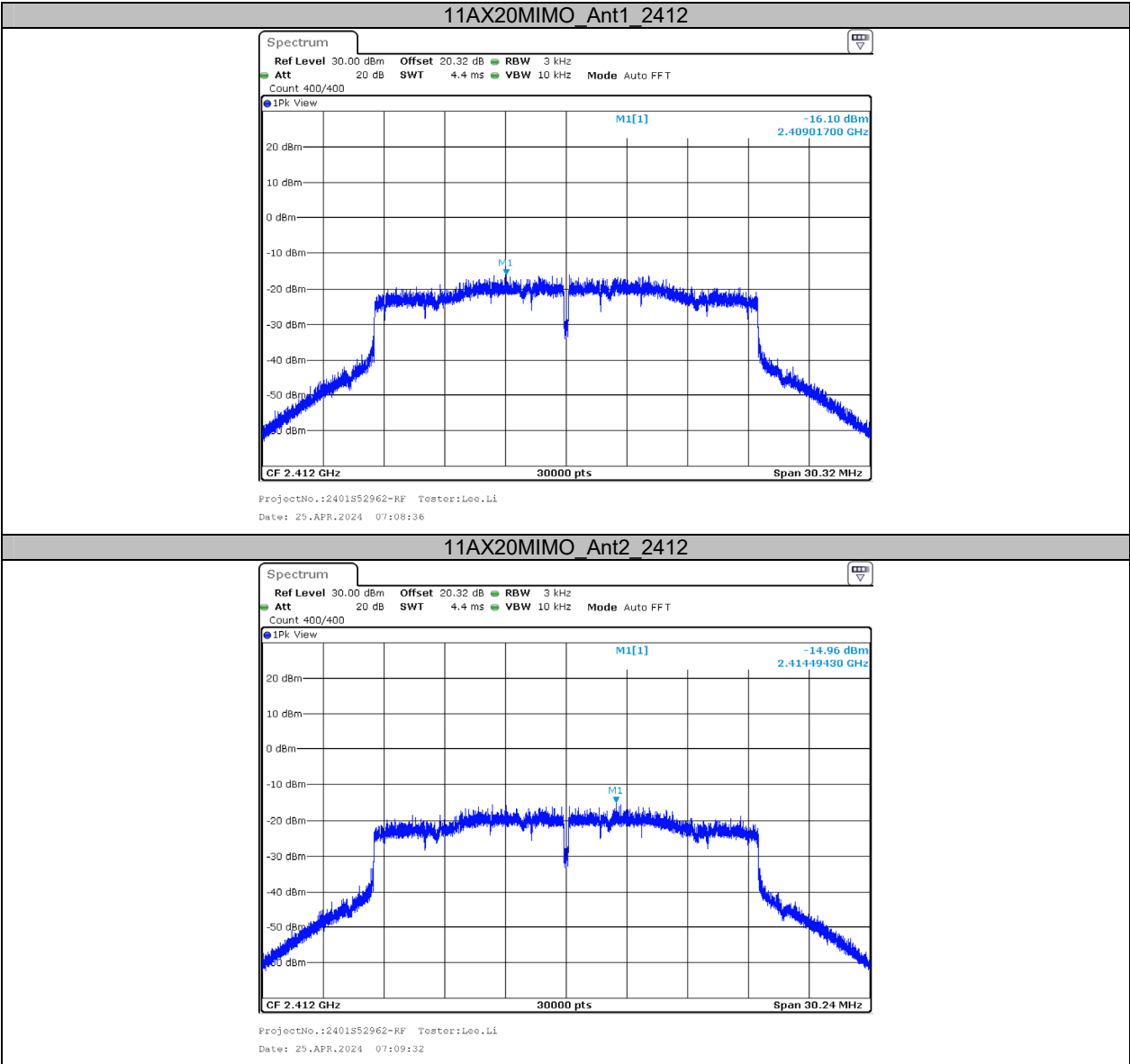


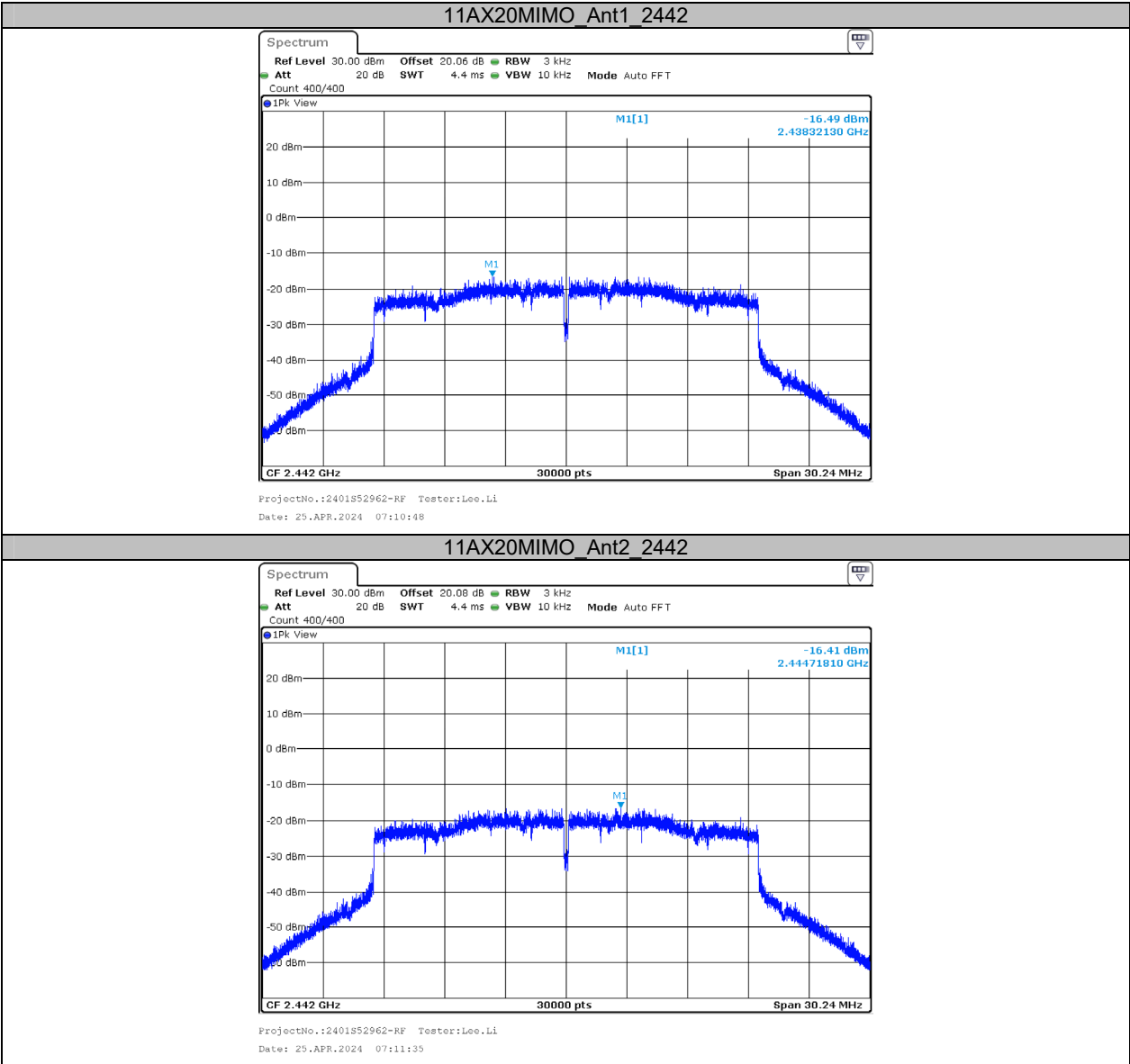


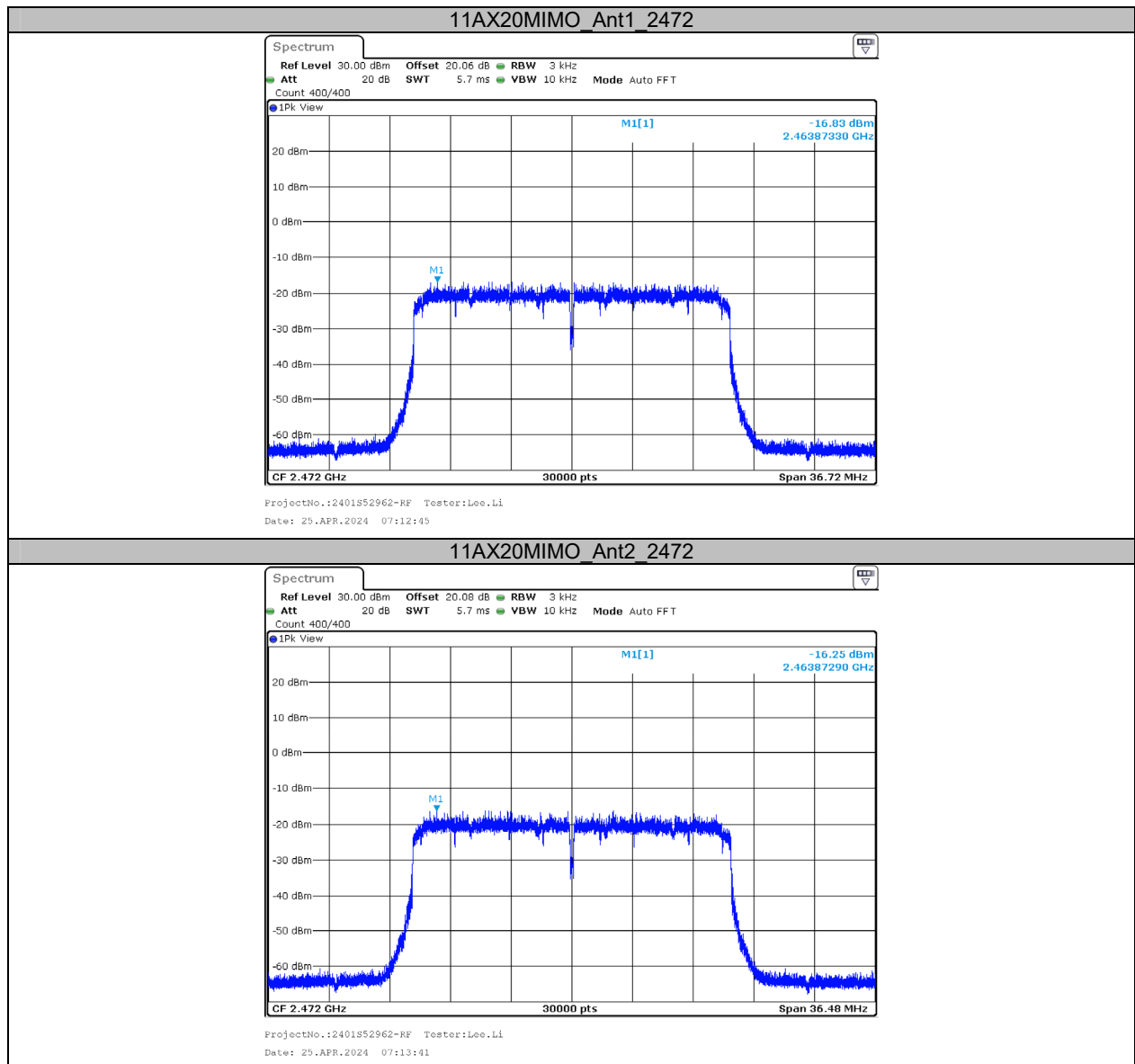


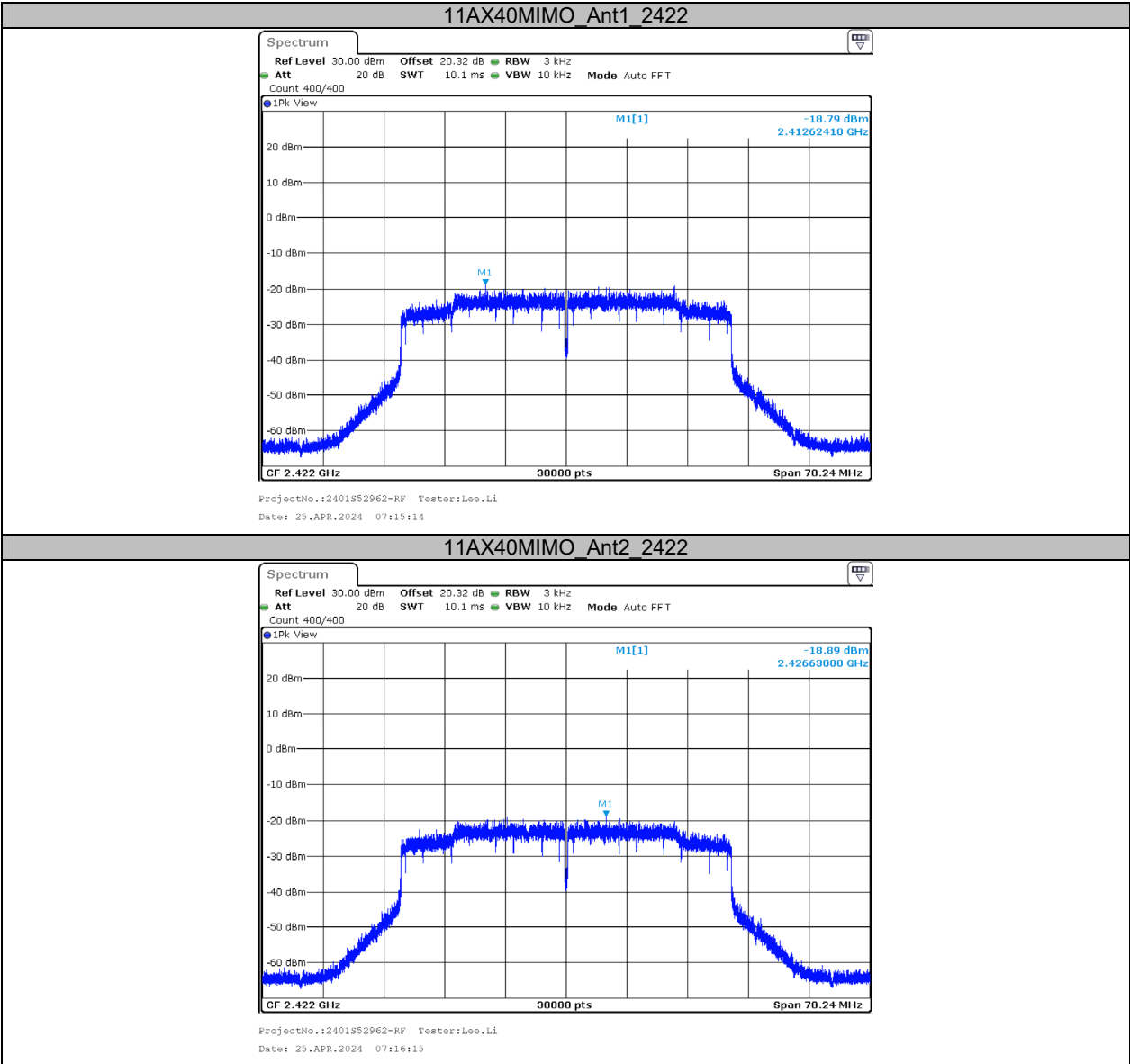


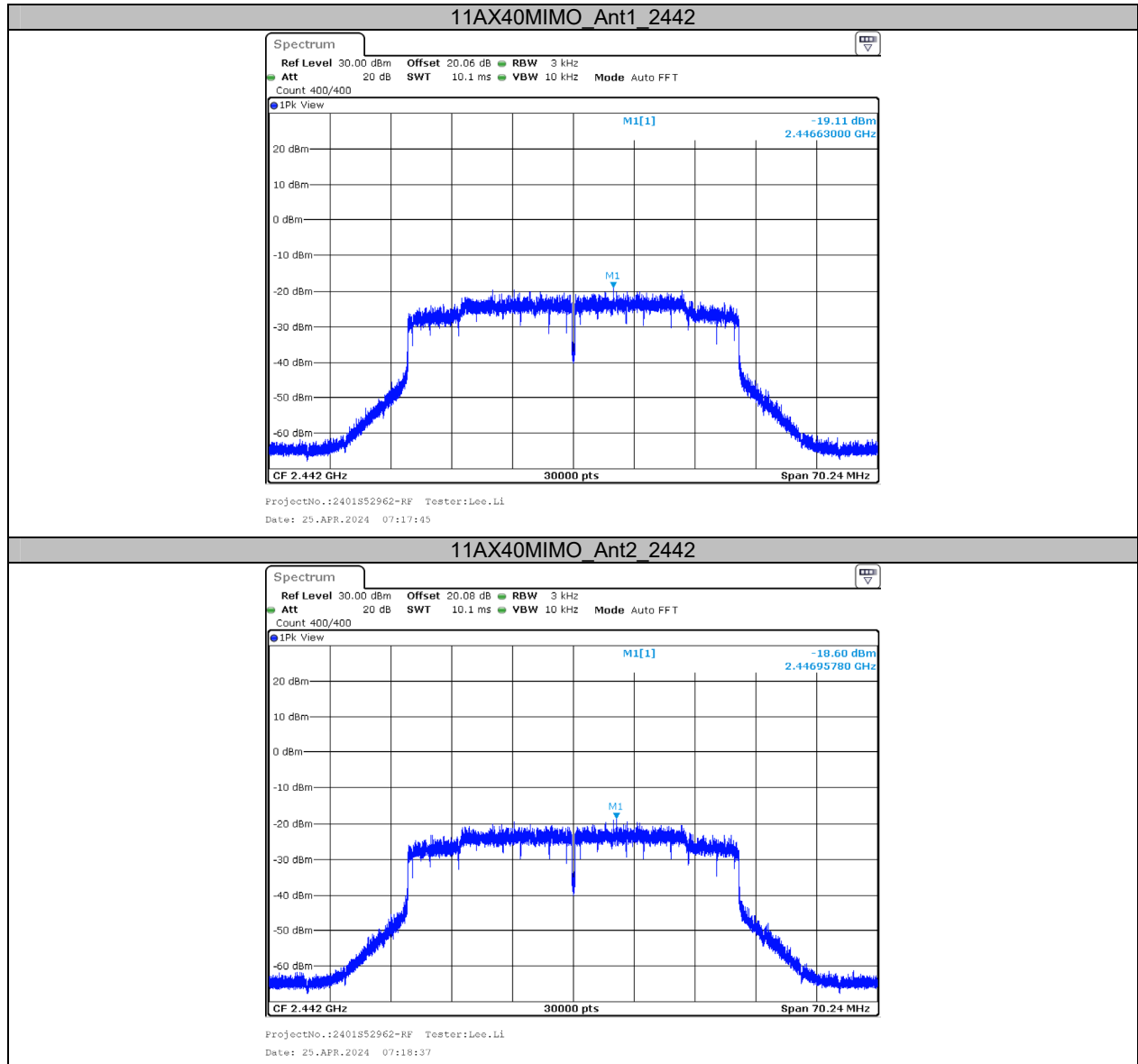


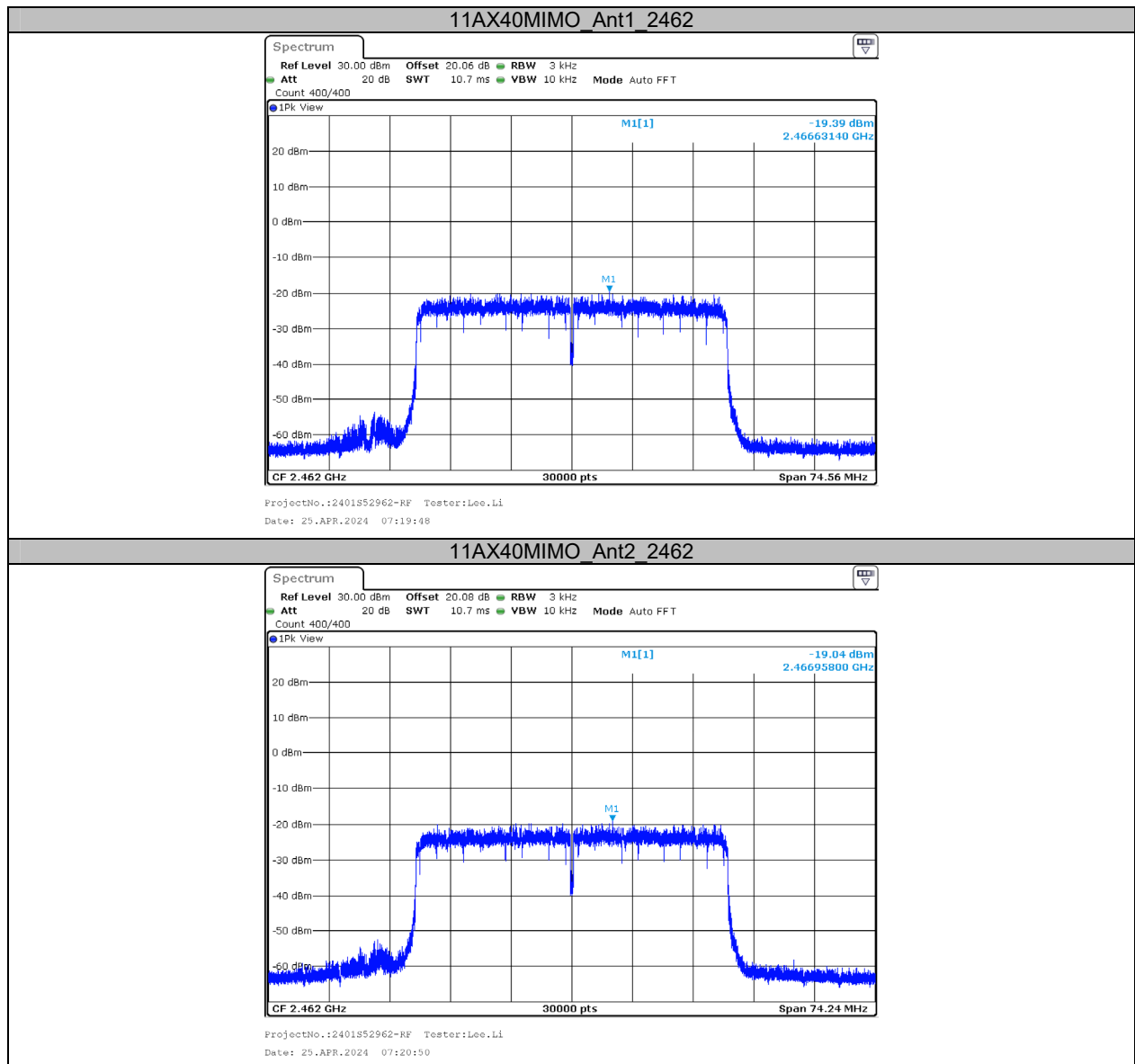






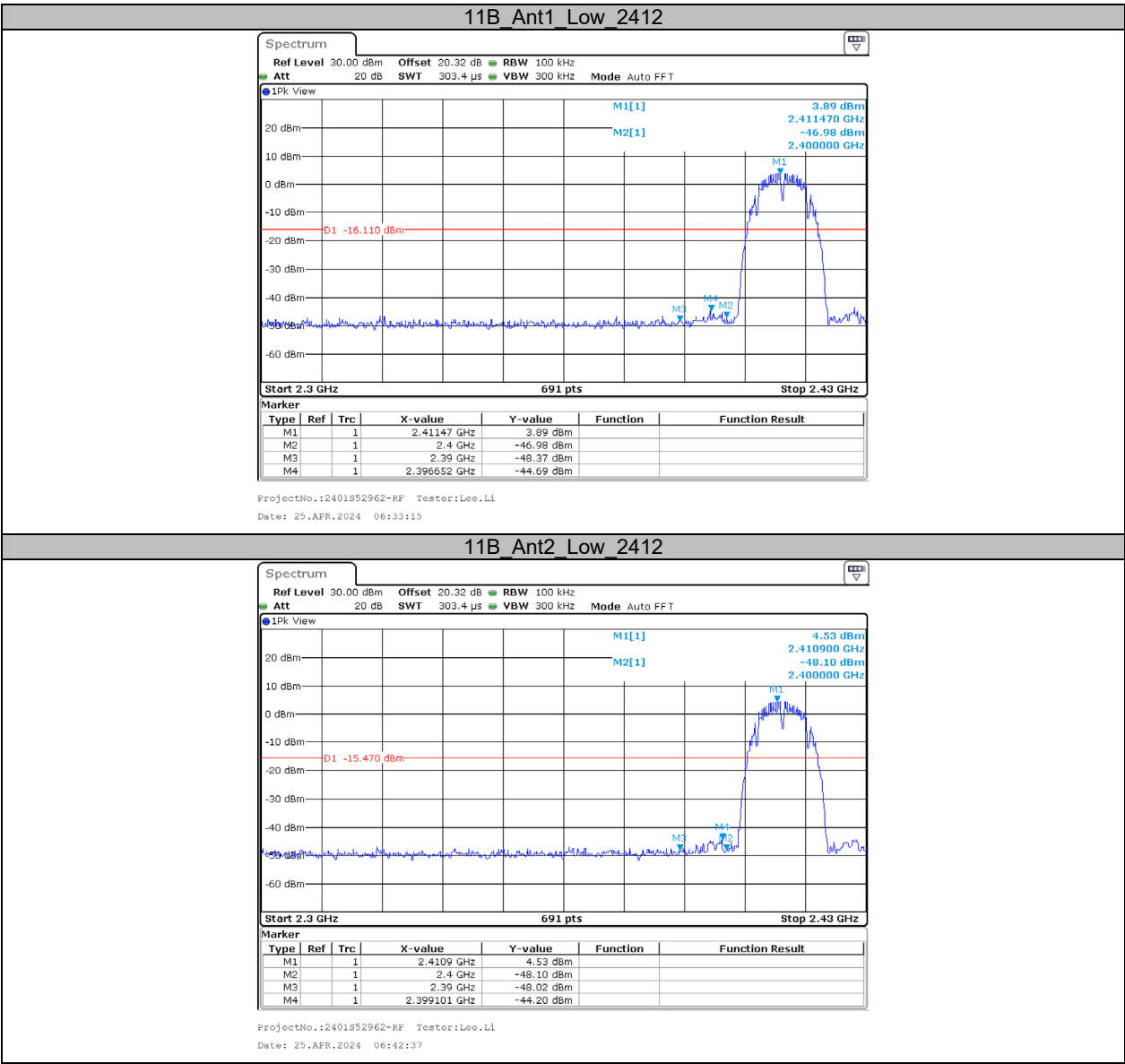


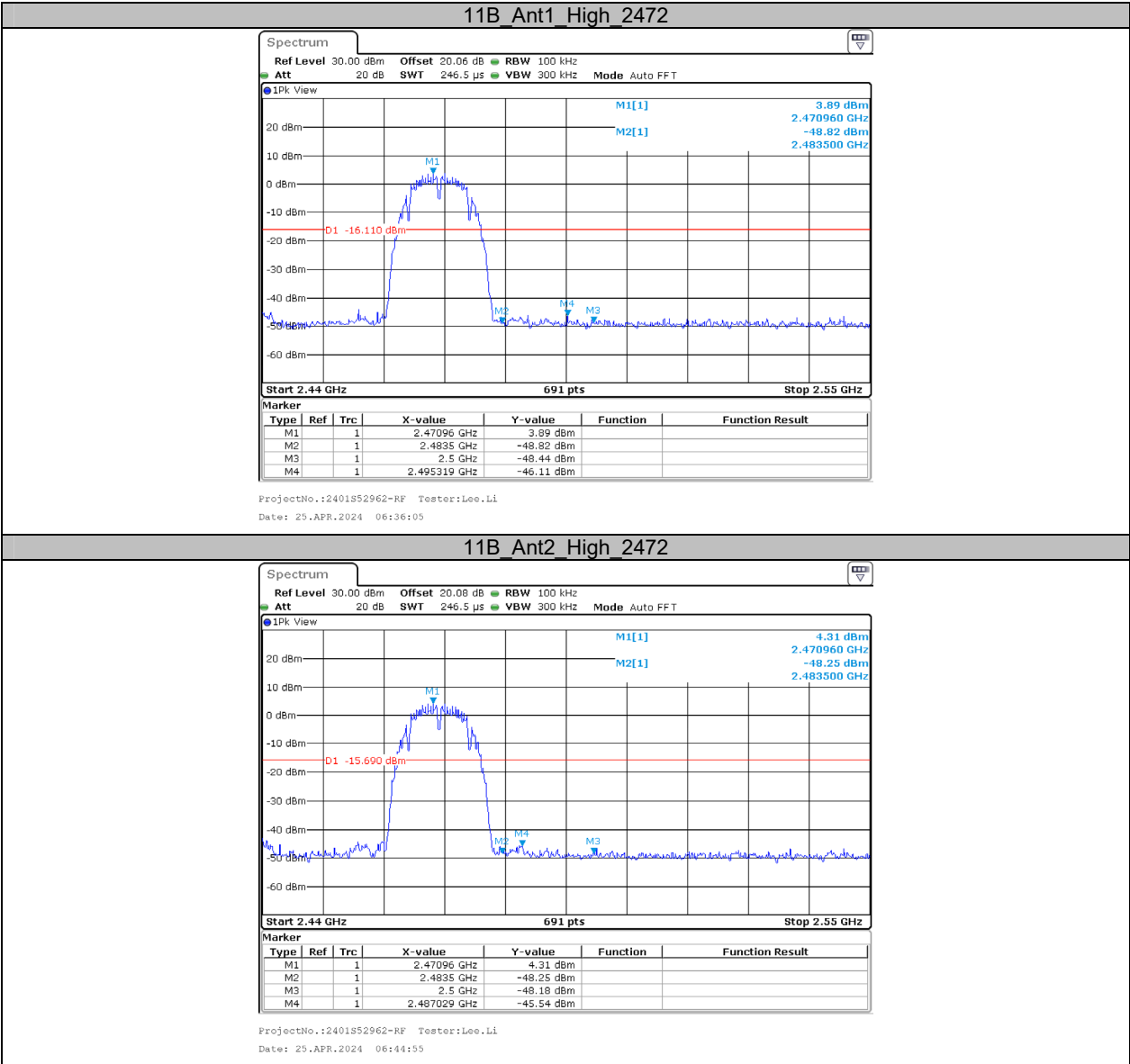


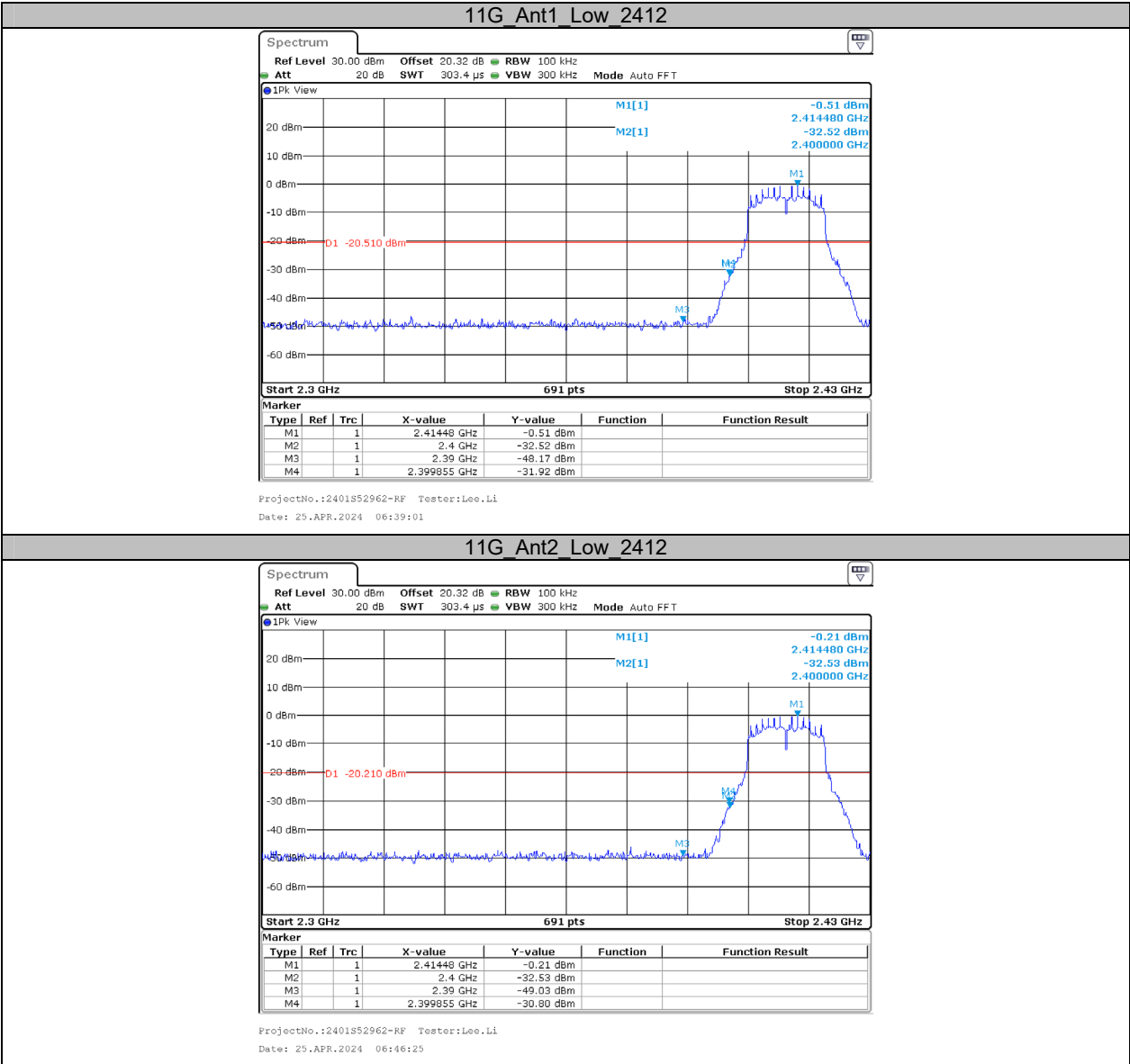


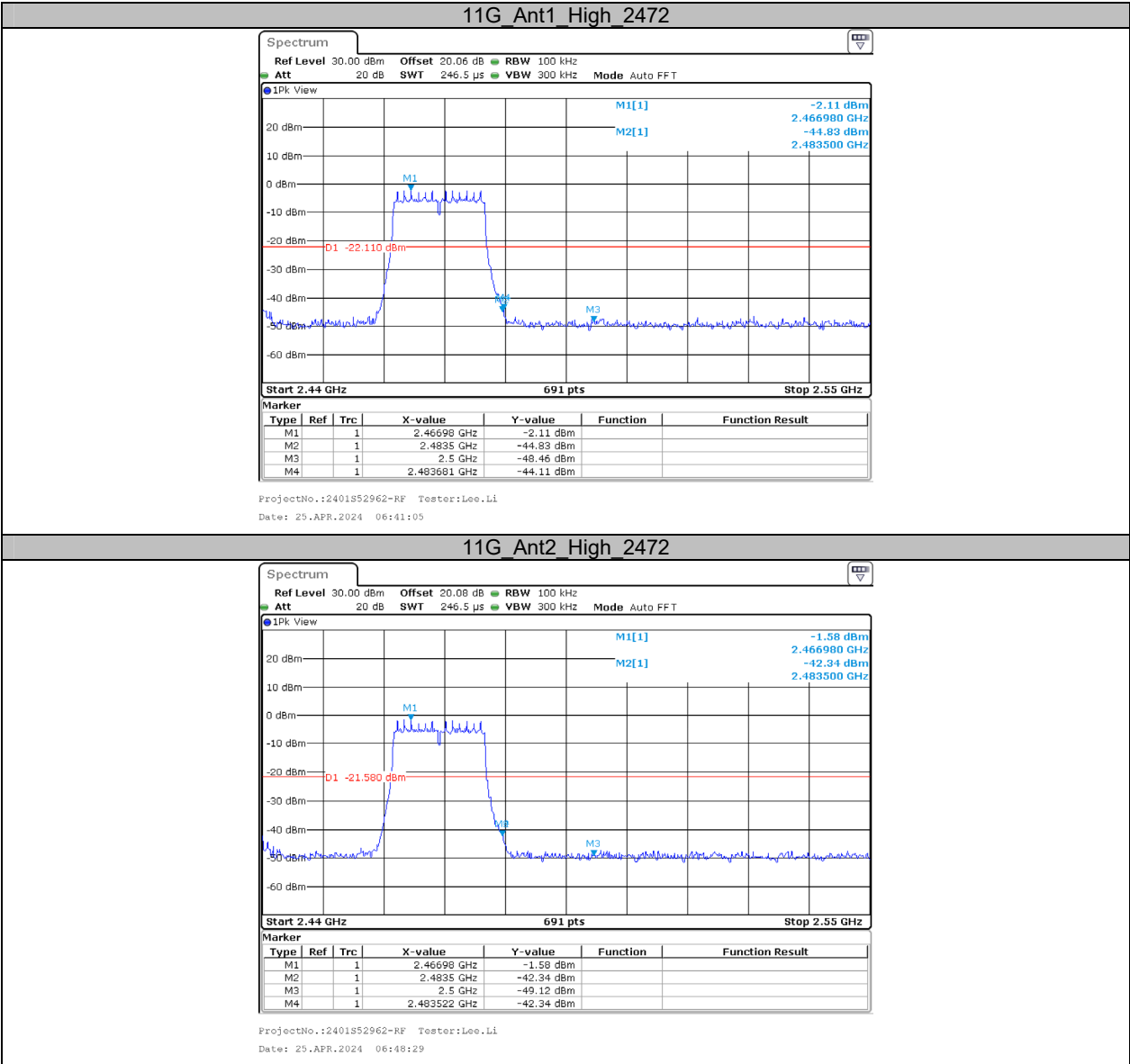
Appendix E: Band edge measurements

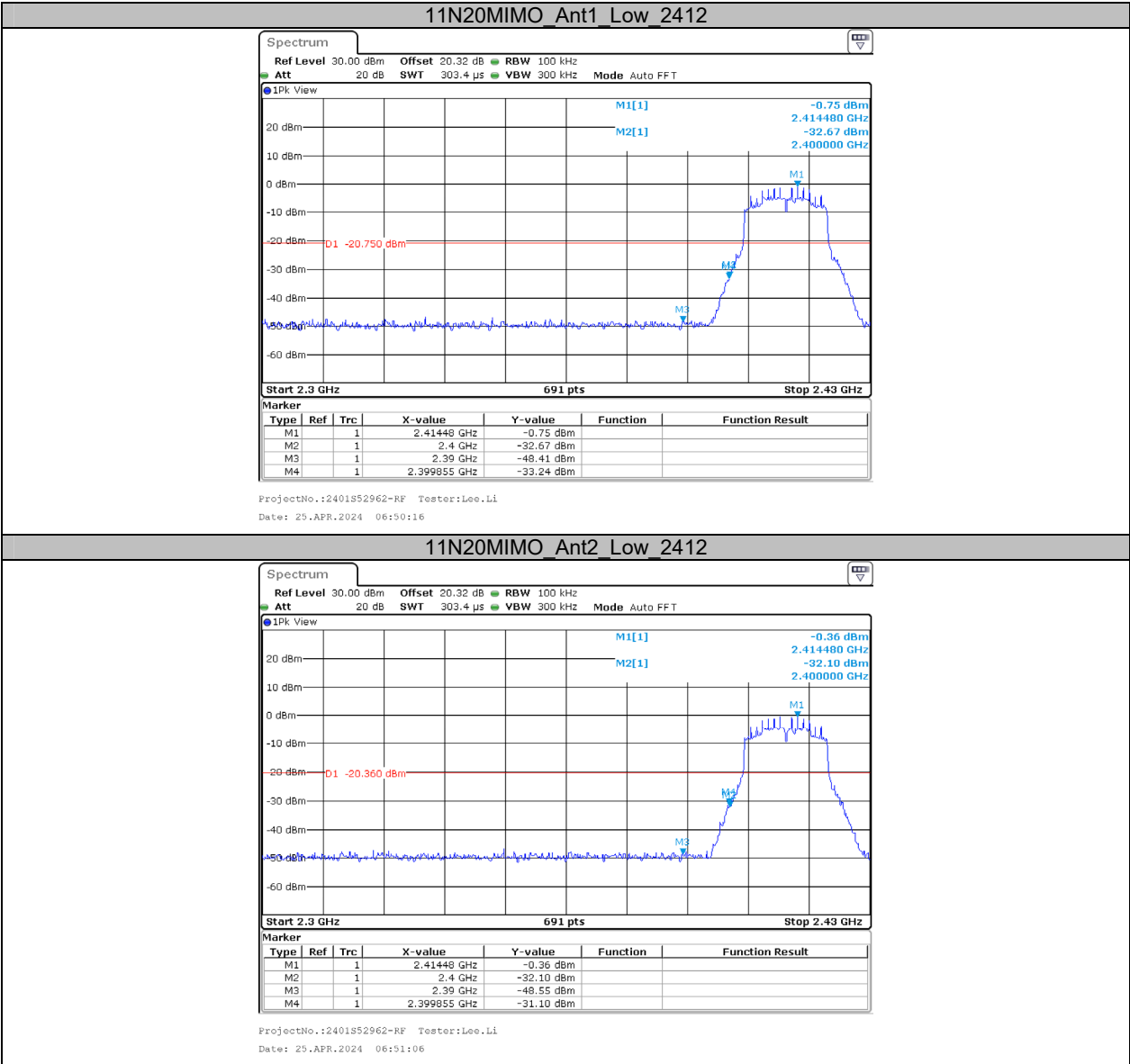
Test Graphs

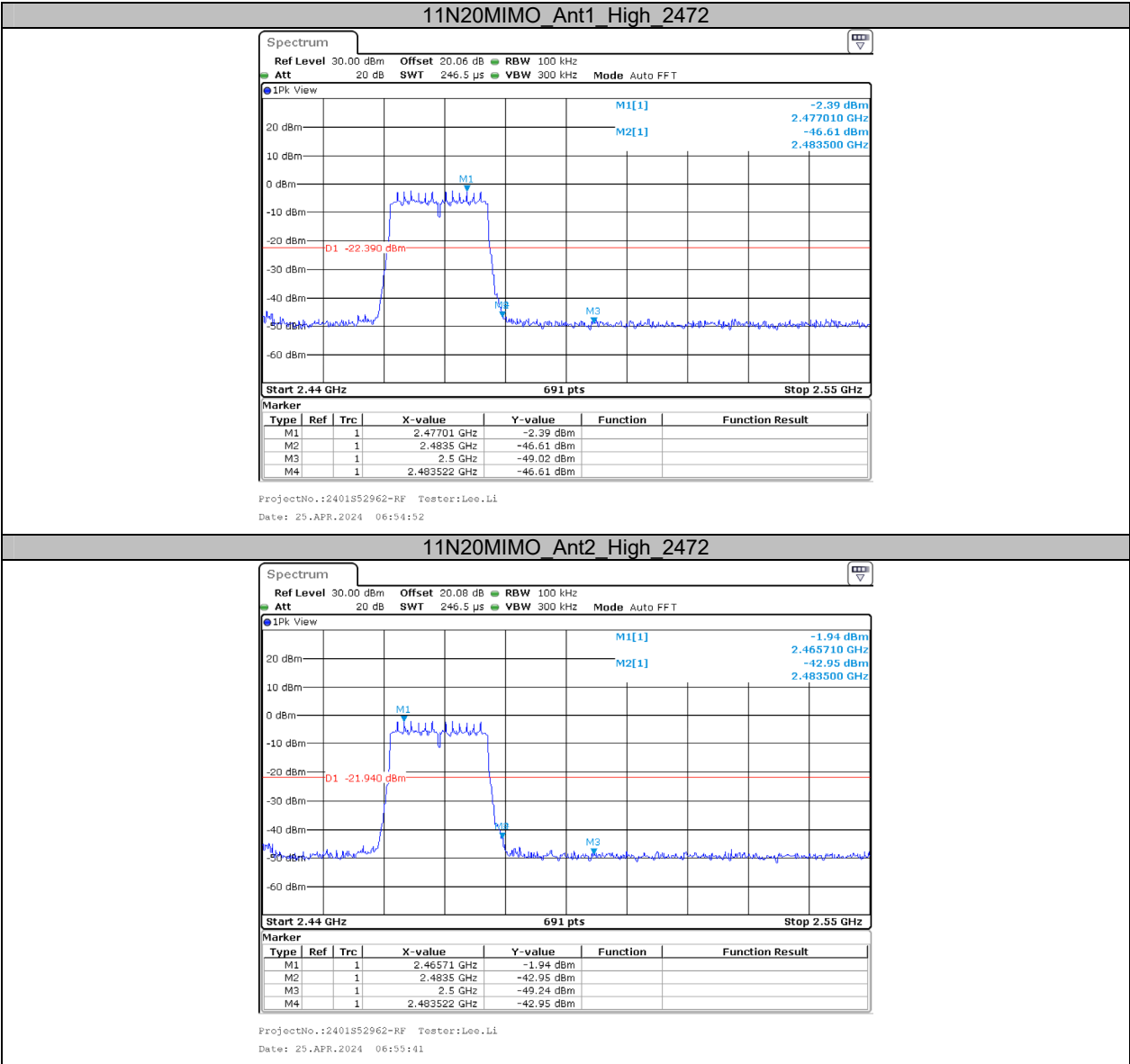


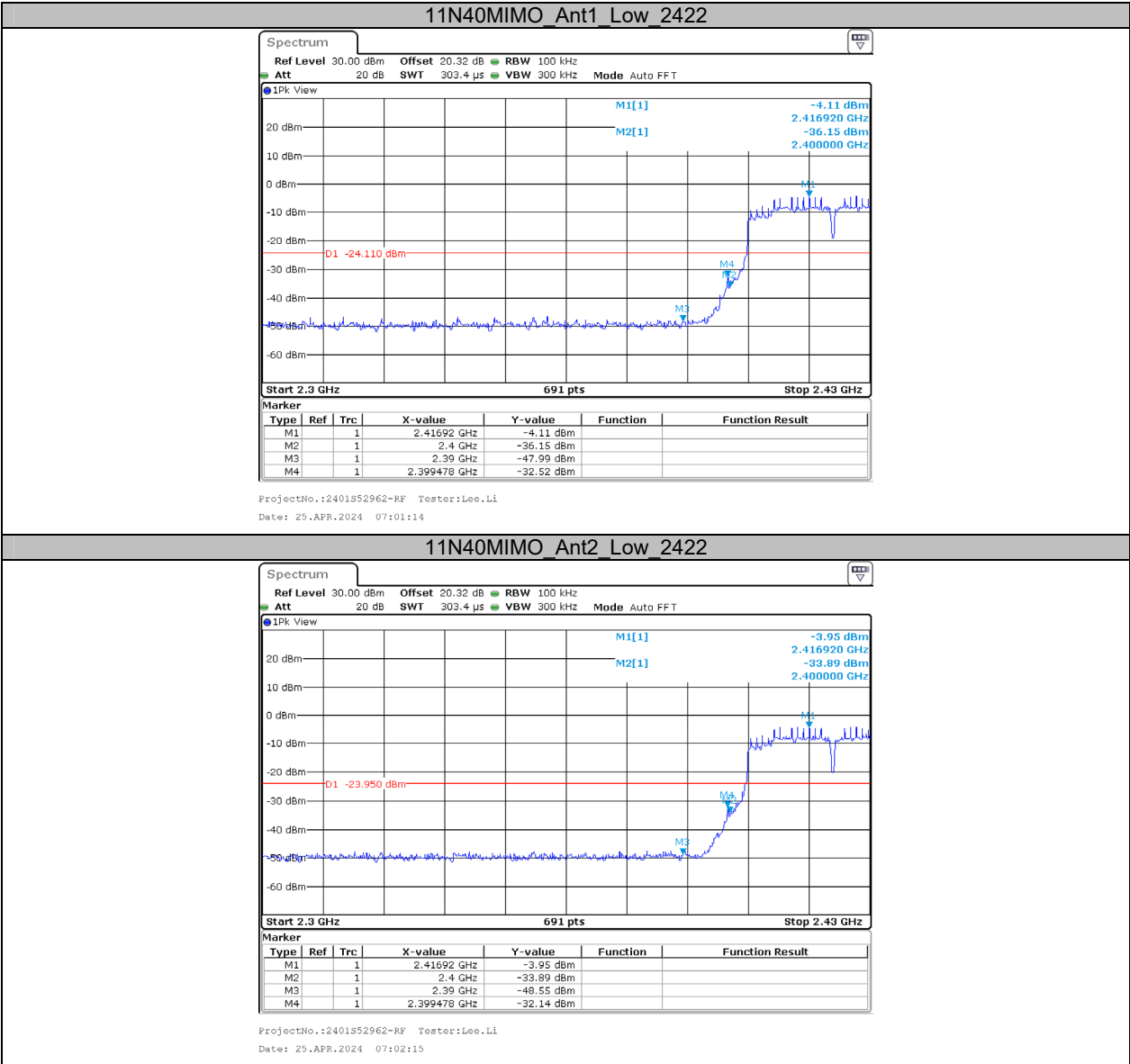


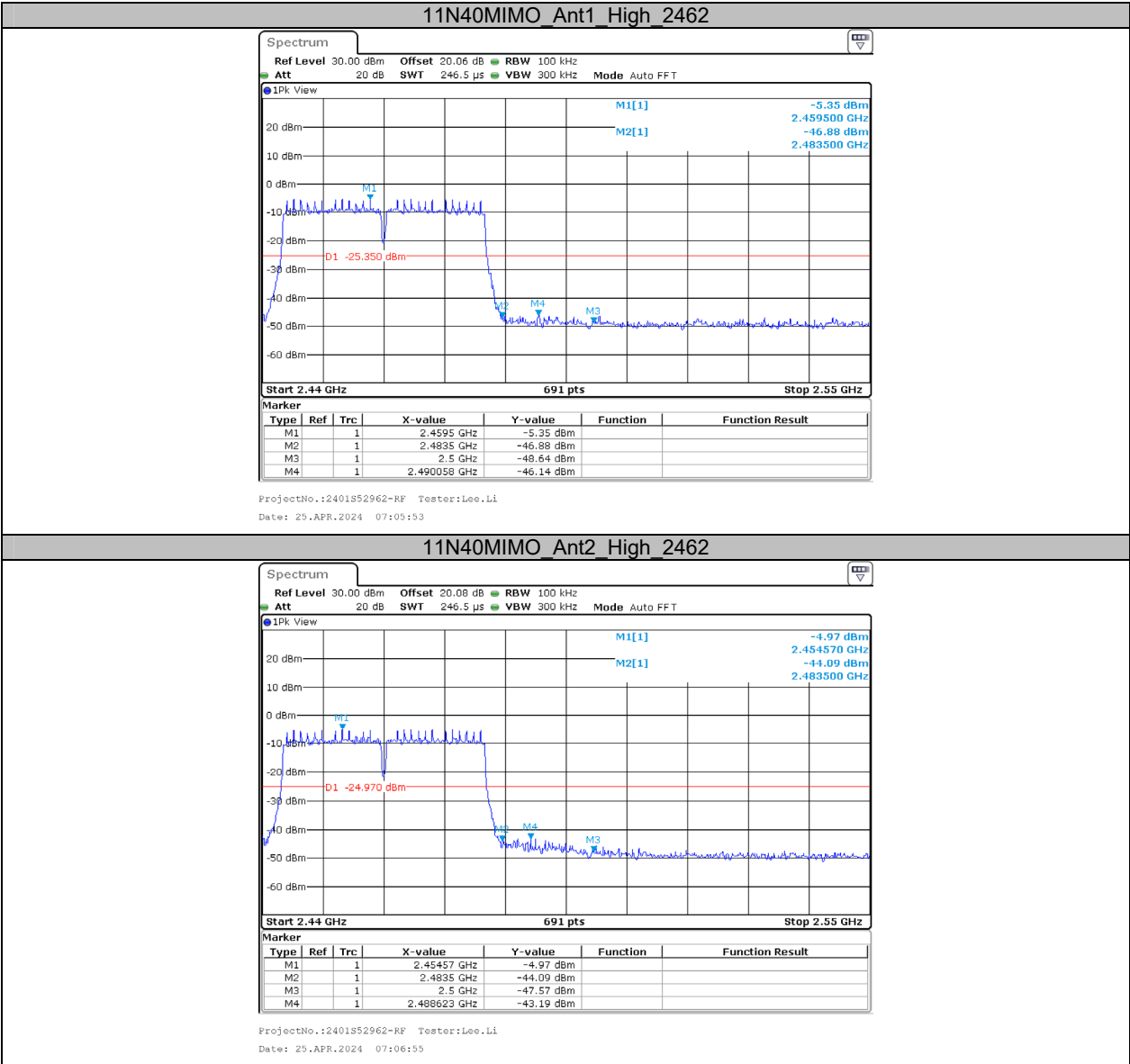


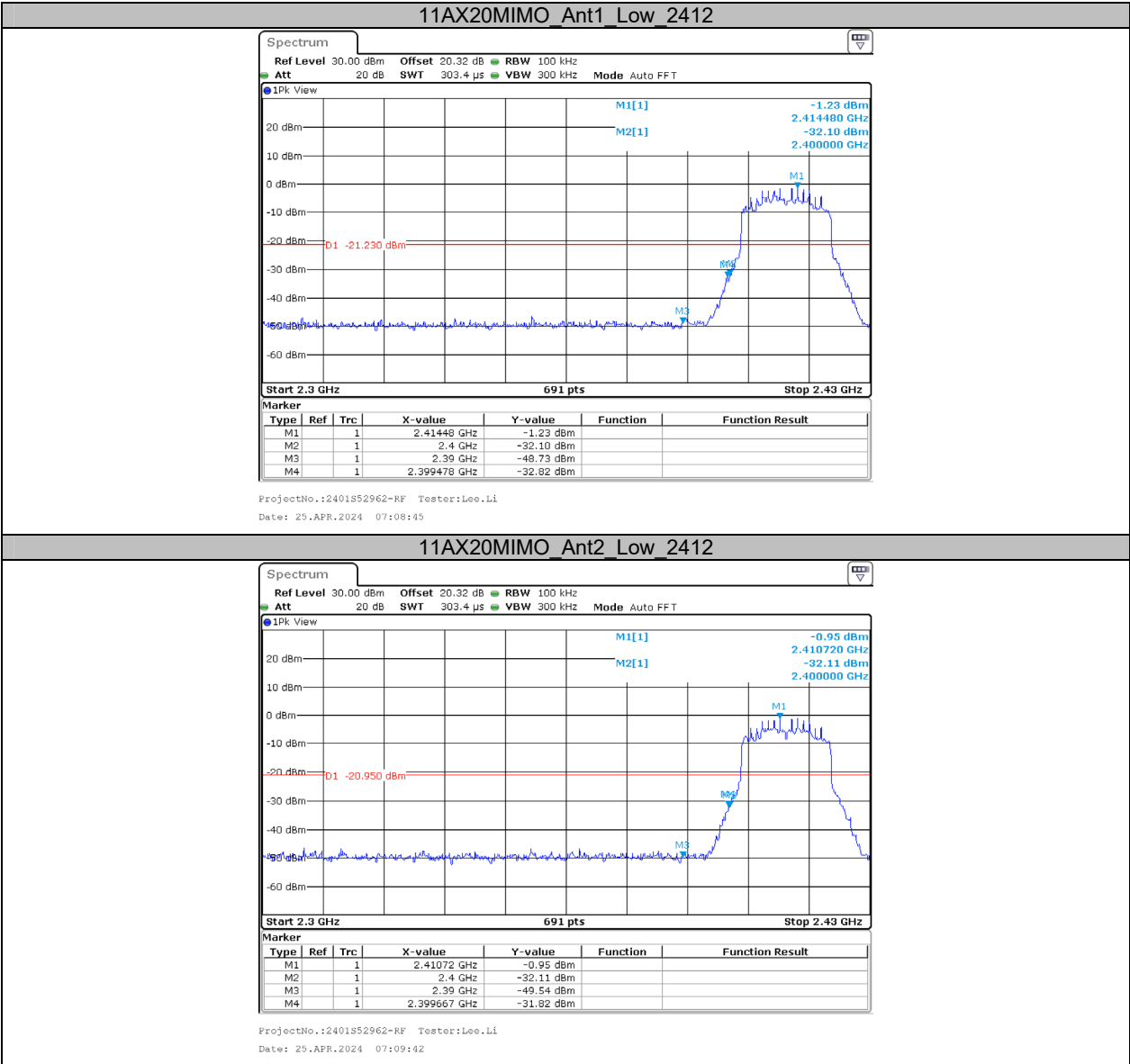


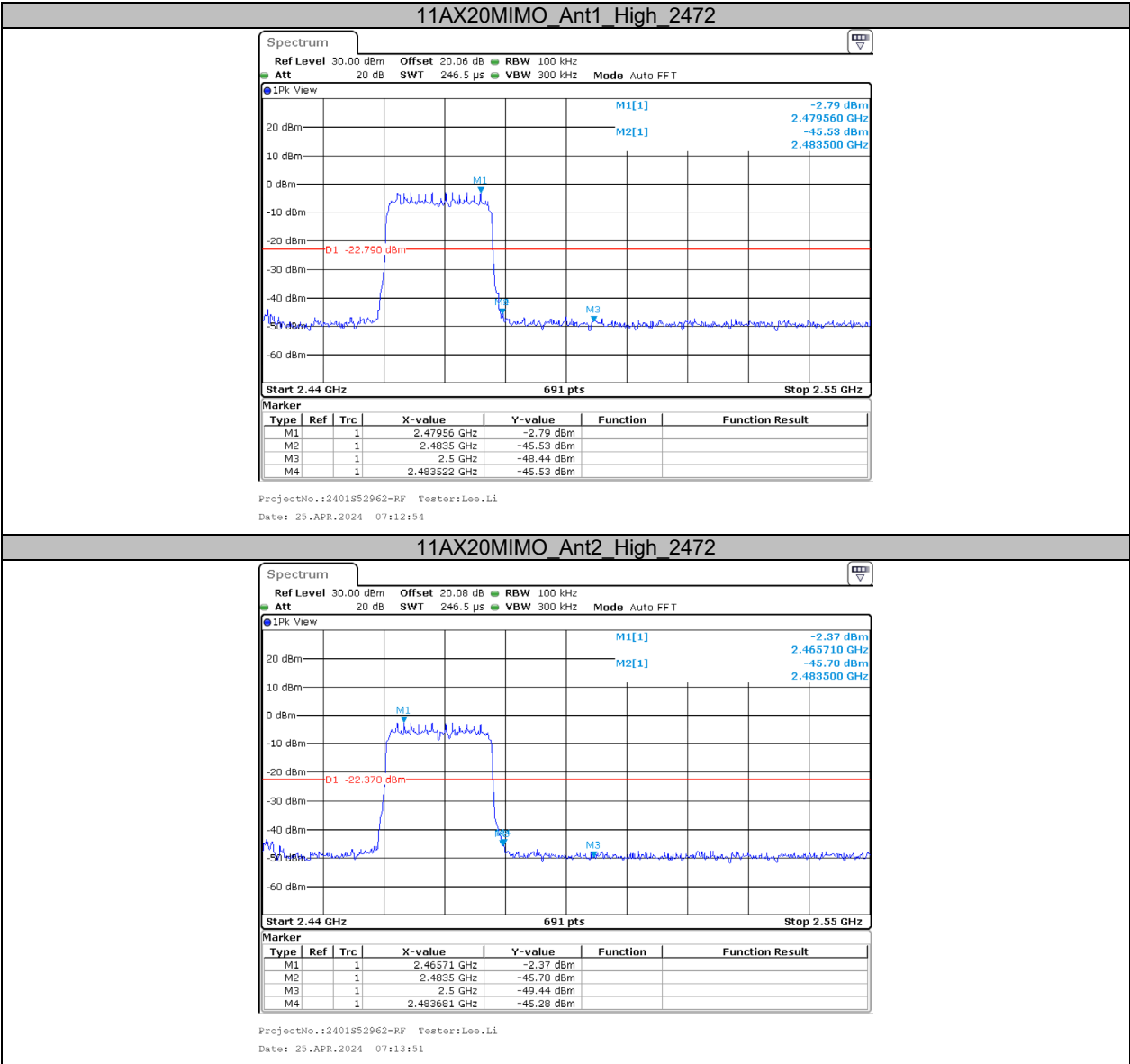


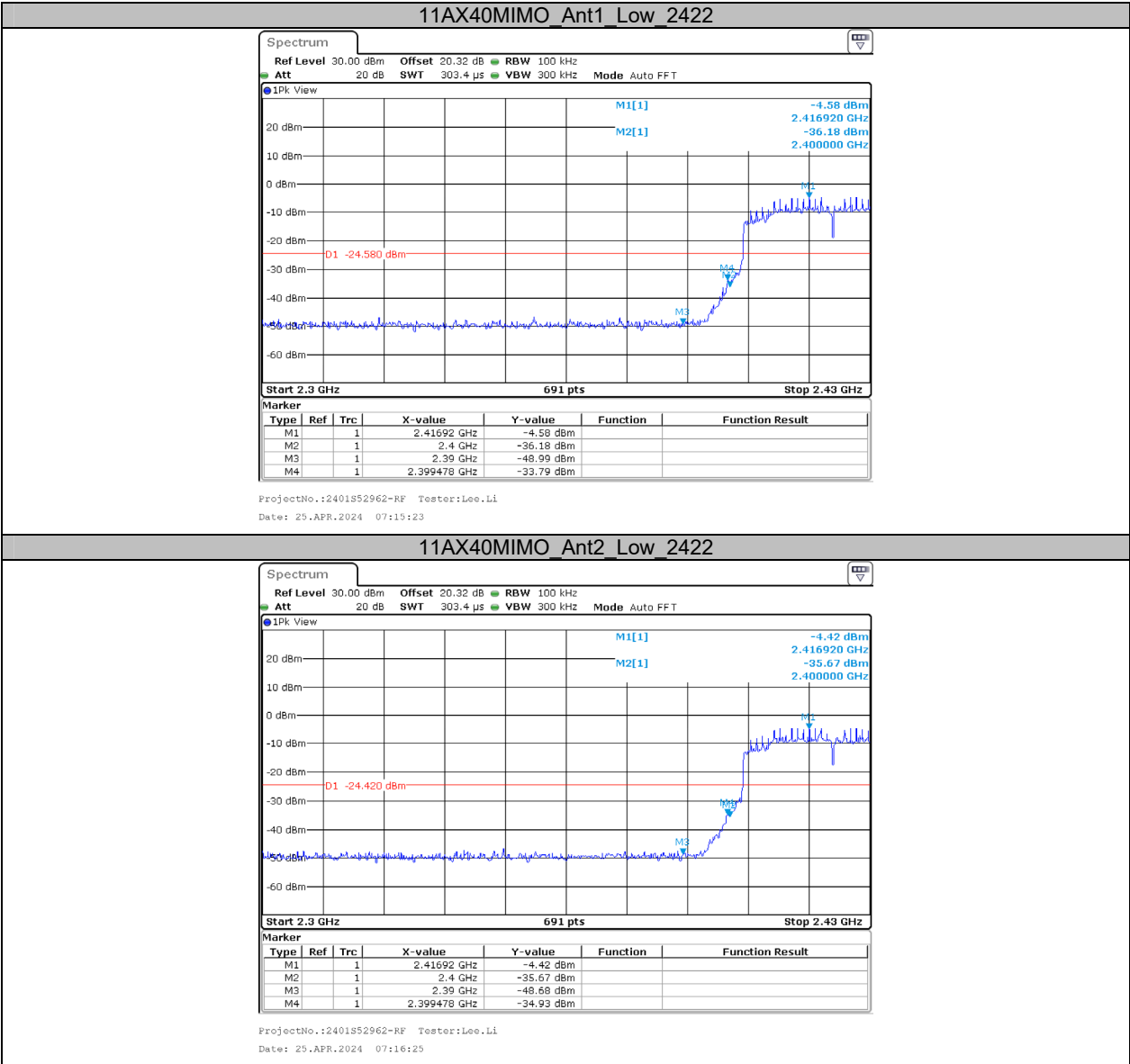


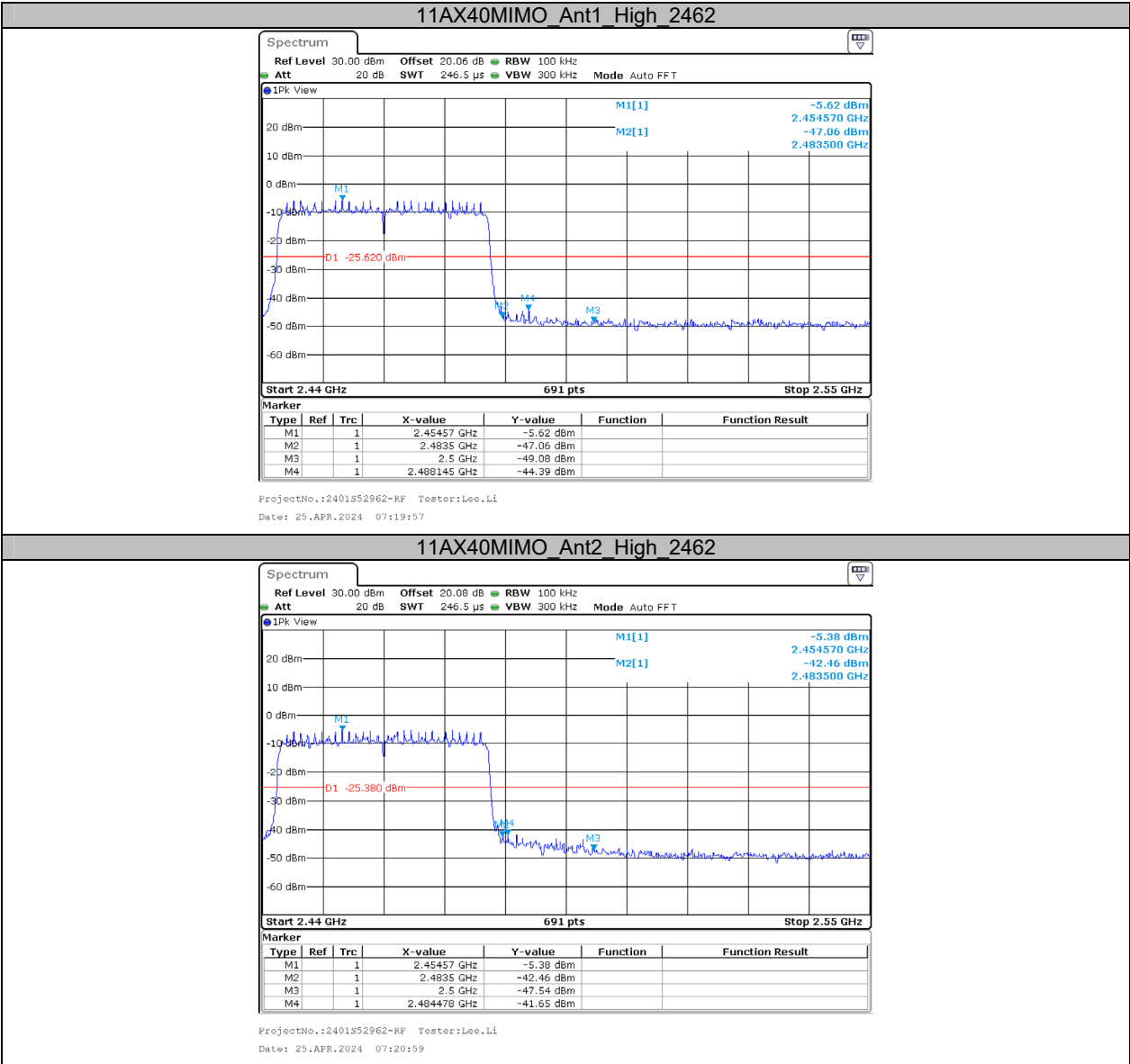












Appendix F: Duty Cycle**Test Result**

Test Mode	Antenna	Frequency [MHz]	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	1/T [Hz]	VBW Setting [kHz]
11B	Ant1	2412	8.35	8.39	99.52	/	0.01
	Ant1	2442	8.34	8.39	99.40	/	0.01
	Ant1	2472	8.35	8.39	99.52	/	0.01
11G	Ant1	2412	0.15	0.20	75.00	6667	10
	Ant1	2442	0.15	0.20	75.00	6667	10
	Ant1	2472	0.14	0.19	73.68	7143	10
11N20MIMO	Ant1	2412	0.31	0.36	86.11	3226	5
	Ant1	2442	0.31	0.36	86.11	3226	5
	Ant1	2472	0.31	0.36	86.11	3226	5
11N40MIMO	Ant1	2422	0.32	0.37	86.49	3125	5
	Ant1	2442	0.32	0.36	88.89	3125	5
	Ant1	2462	0.32	0.37	86.49	3125	5
11AX20MIMO	Ant1	2412	0.47	0.52	90.38	2128	3
	Ant1	2442	0.48	0.52	92.31	2083	3
	Ant1	2472	0.47	0.52	90.38	2128	3
11AX40MIMO	Ant1	2422	0.29	0.33	87.88	3448	5
	Ant1	2442	0.29	0.34	85.29	3448	5
	Ant1	2462	0.28	0.33	84.85	3571	5

Test Graphs

