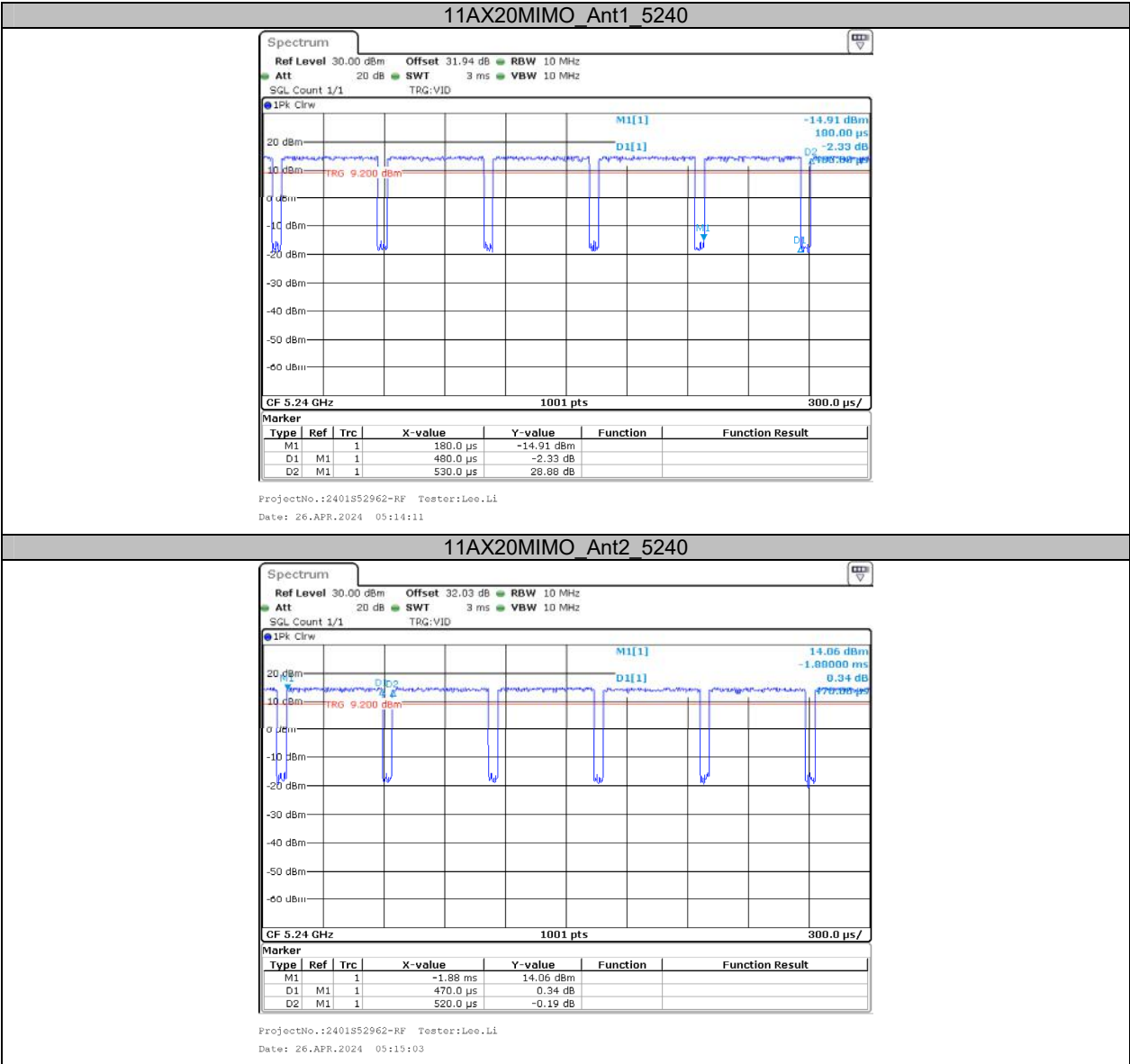










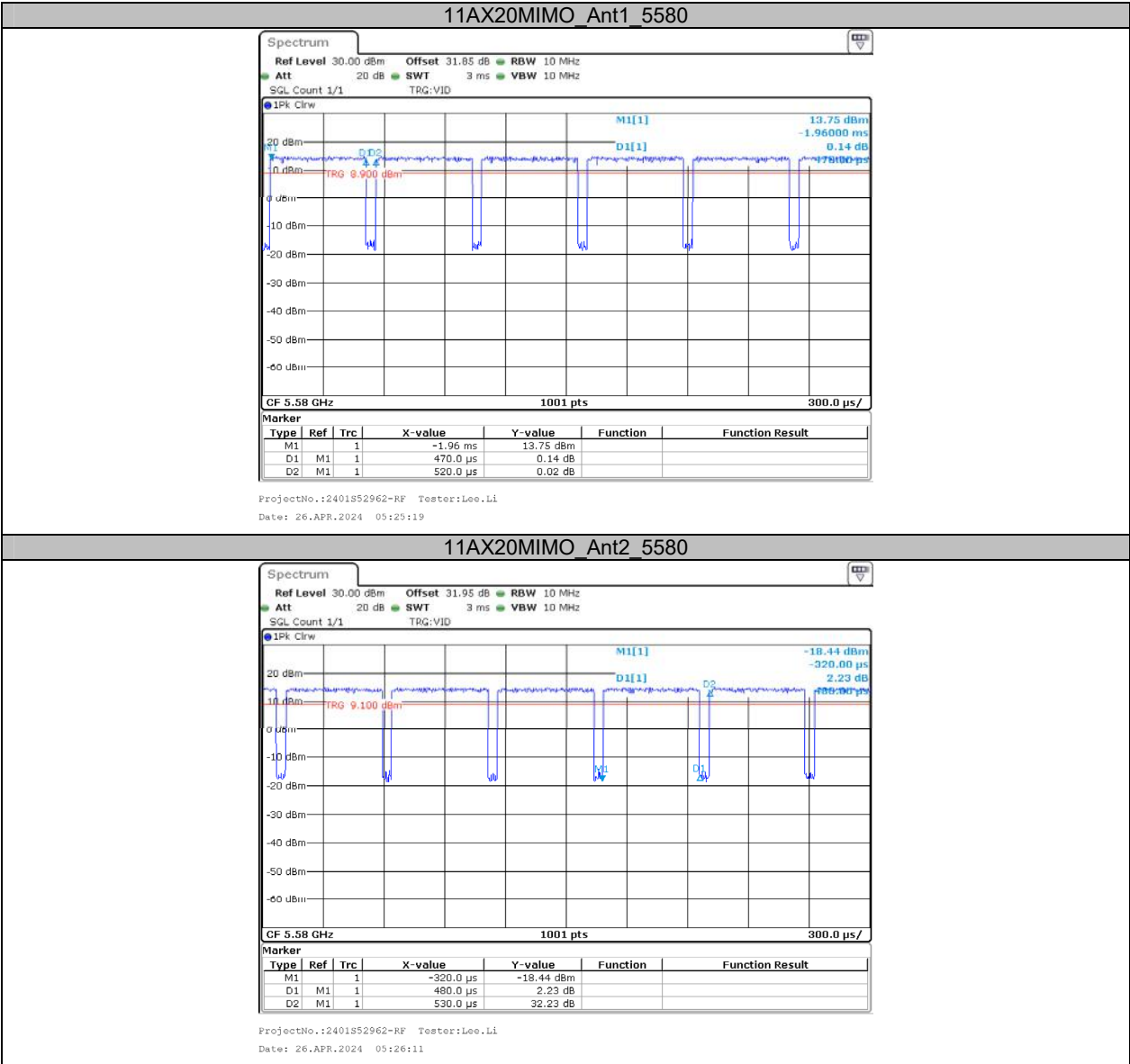


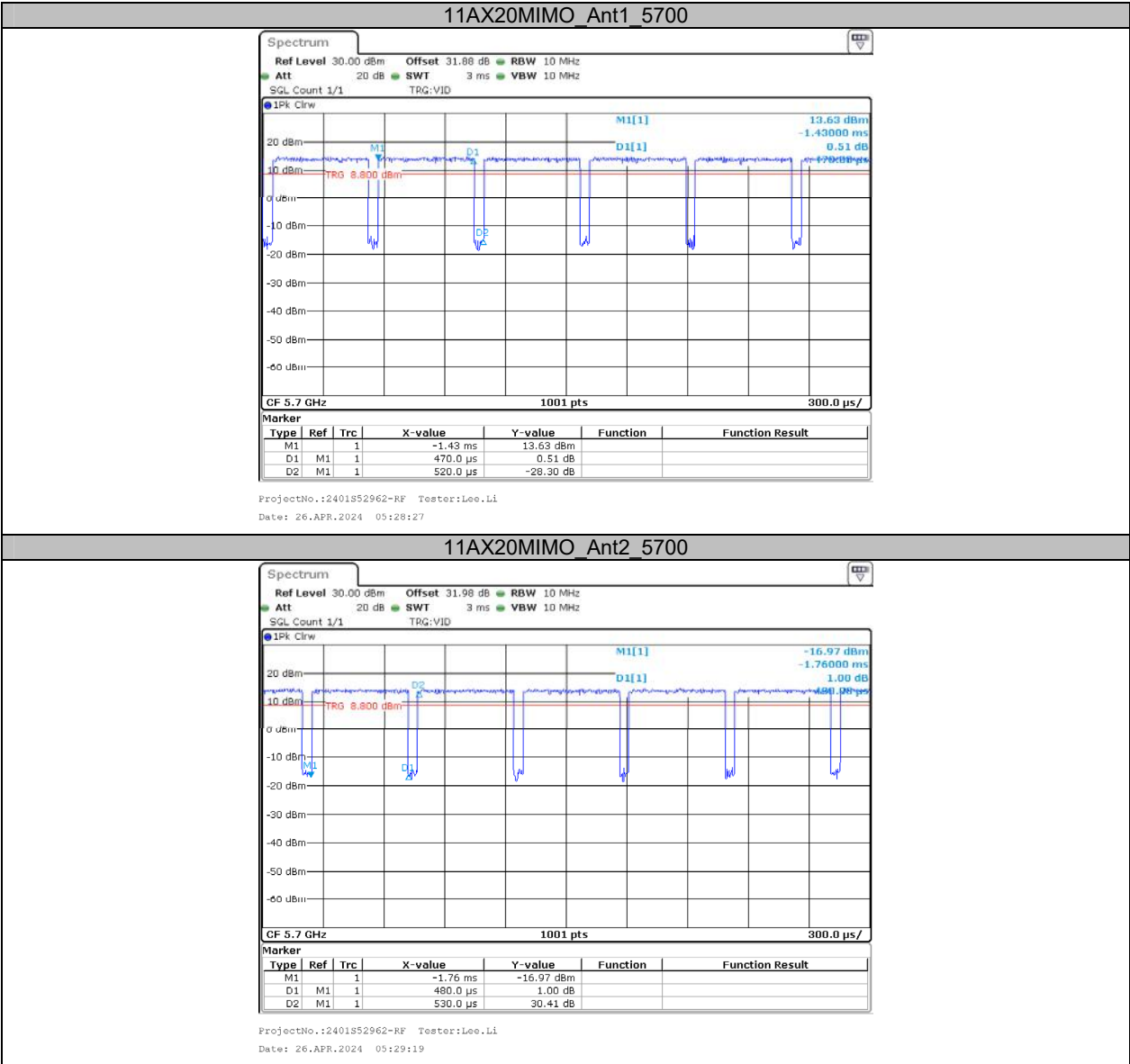


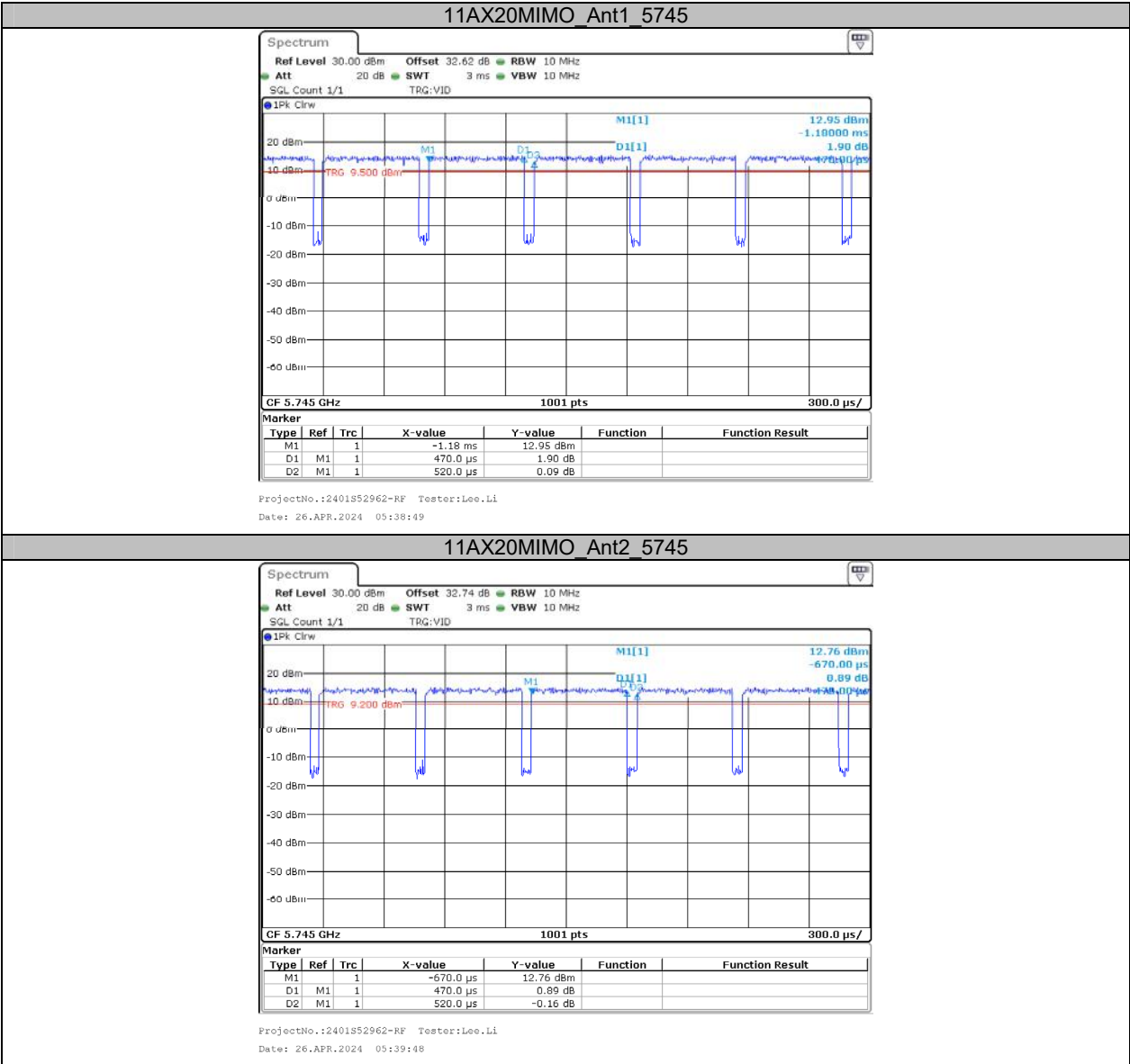


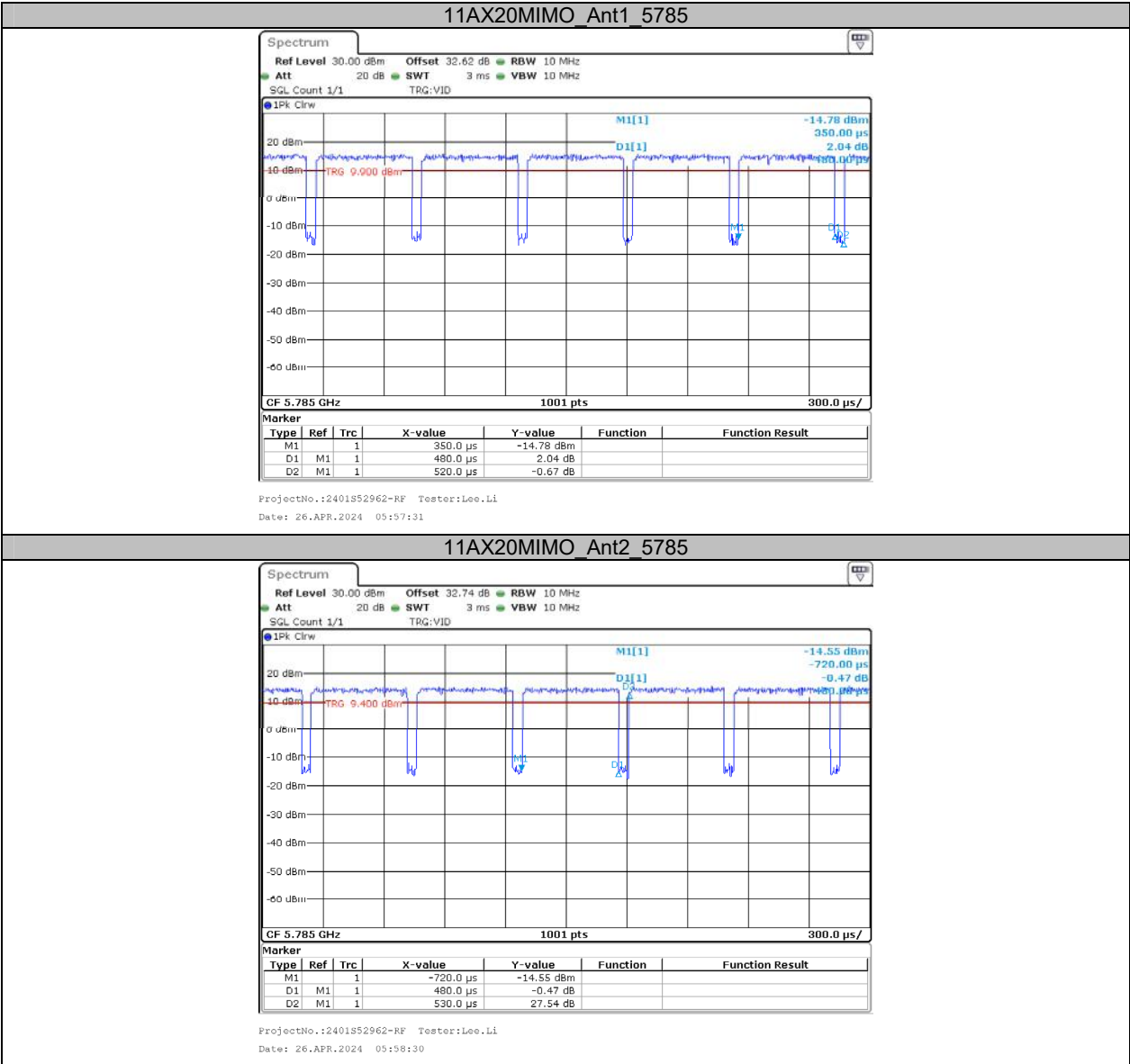




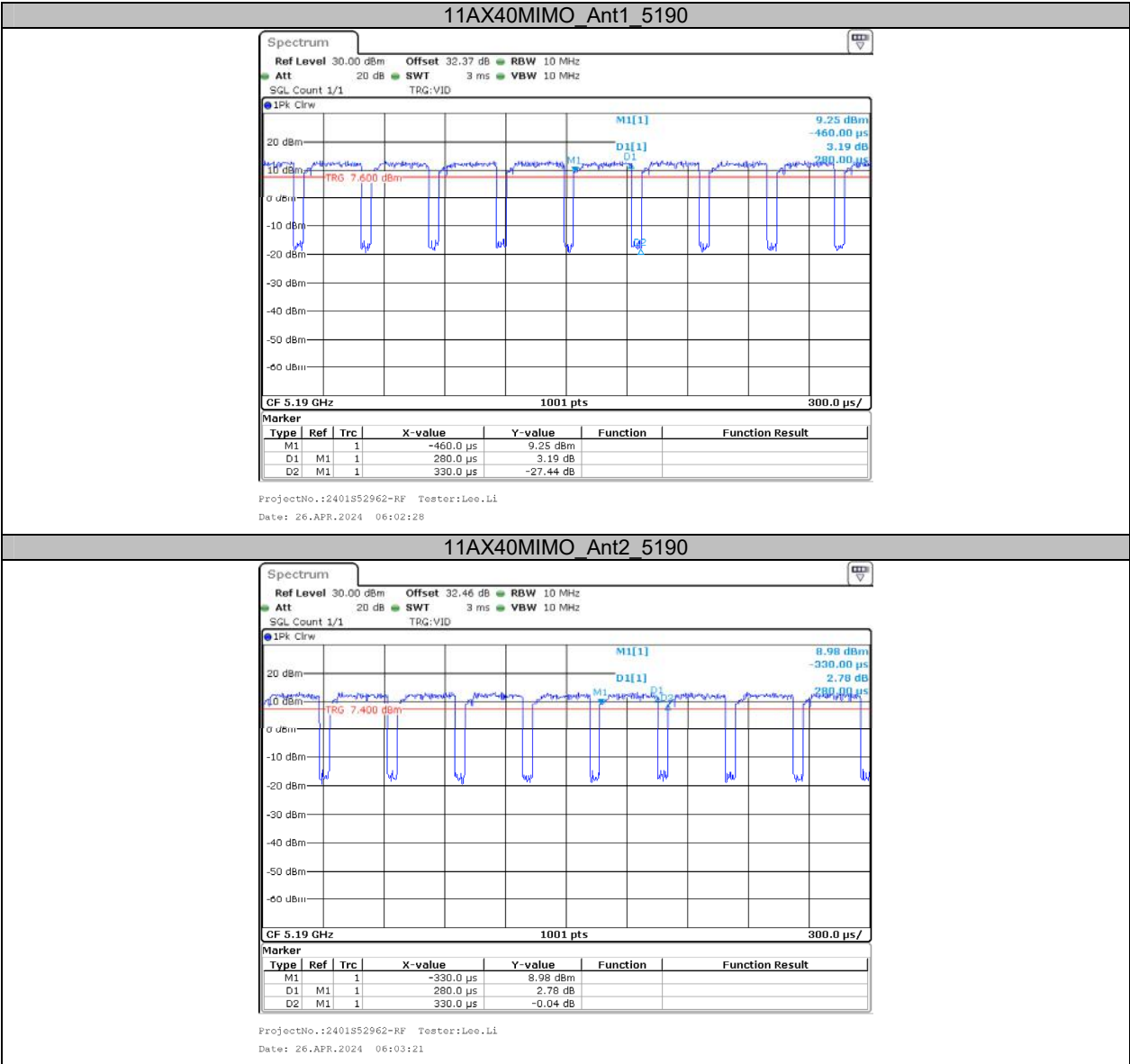




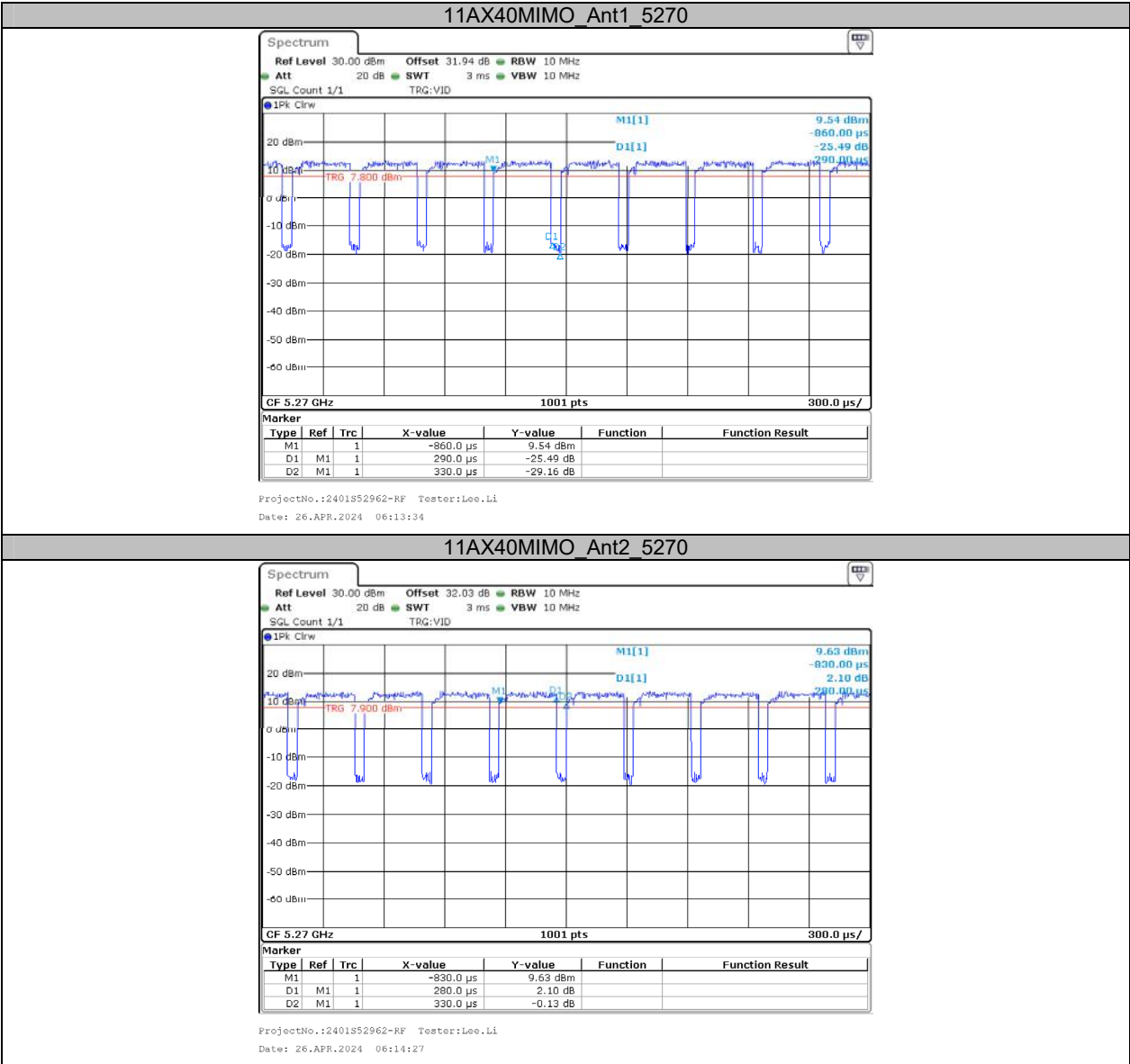








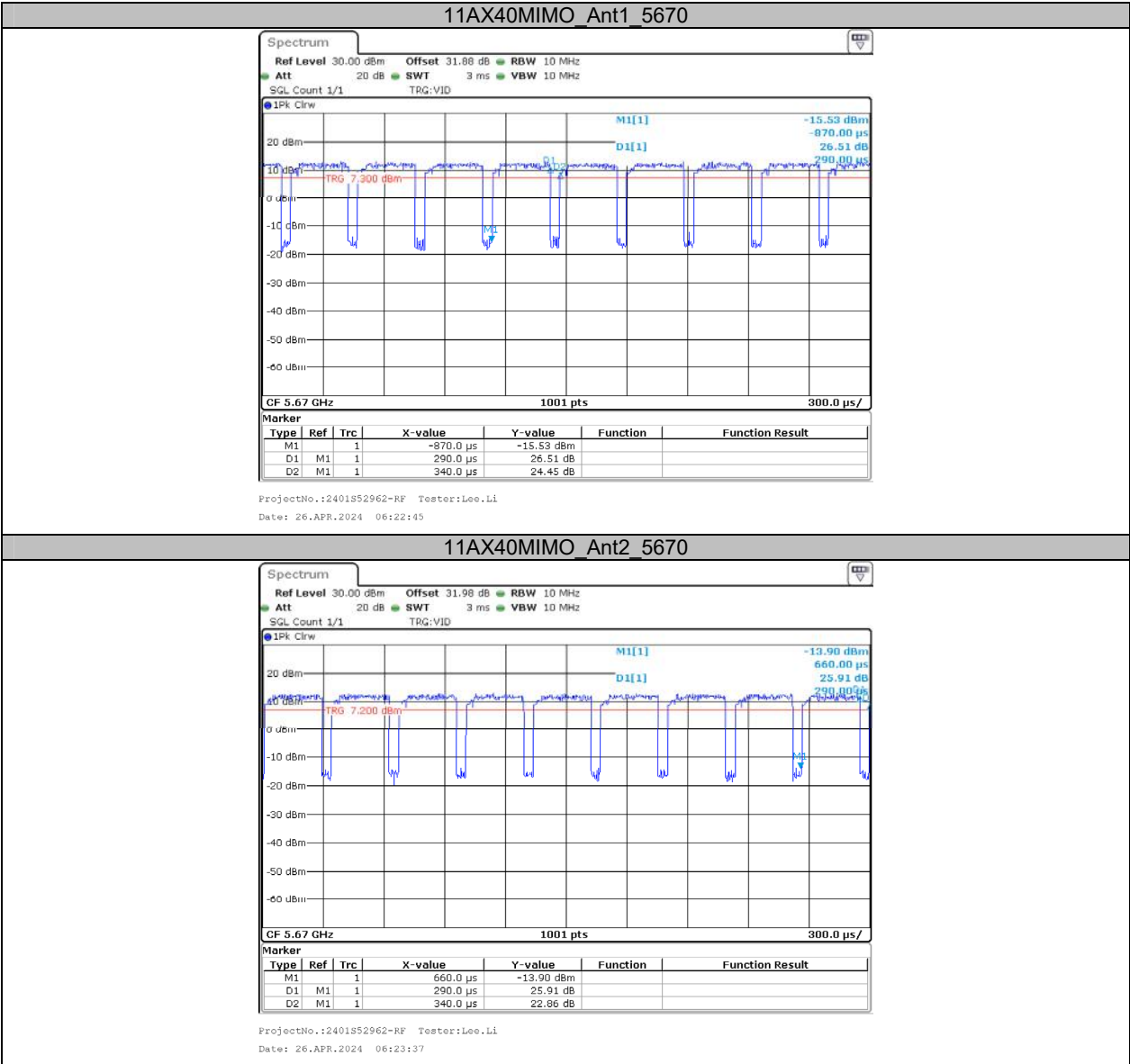


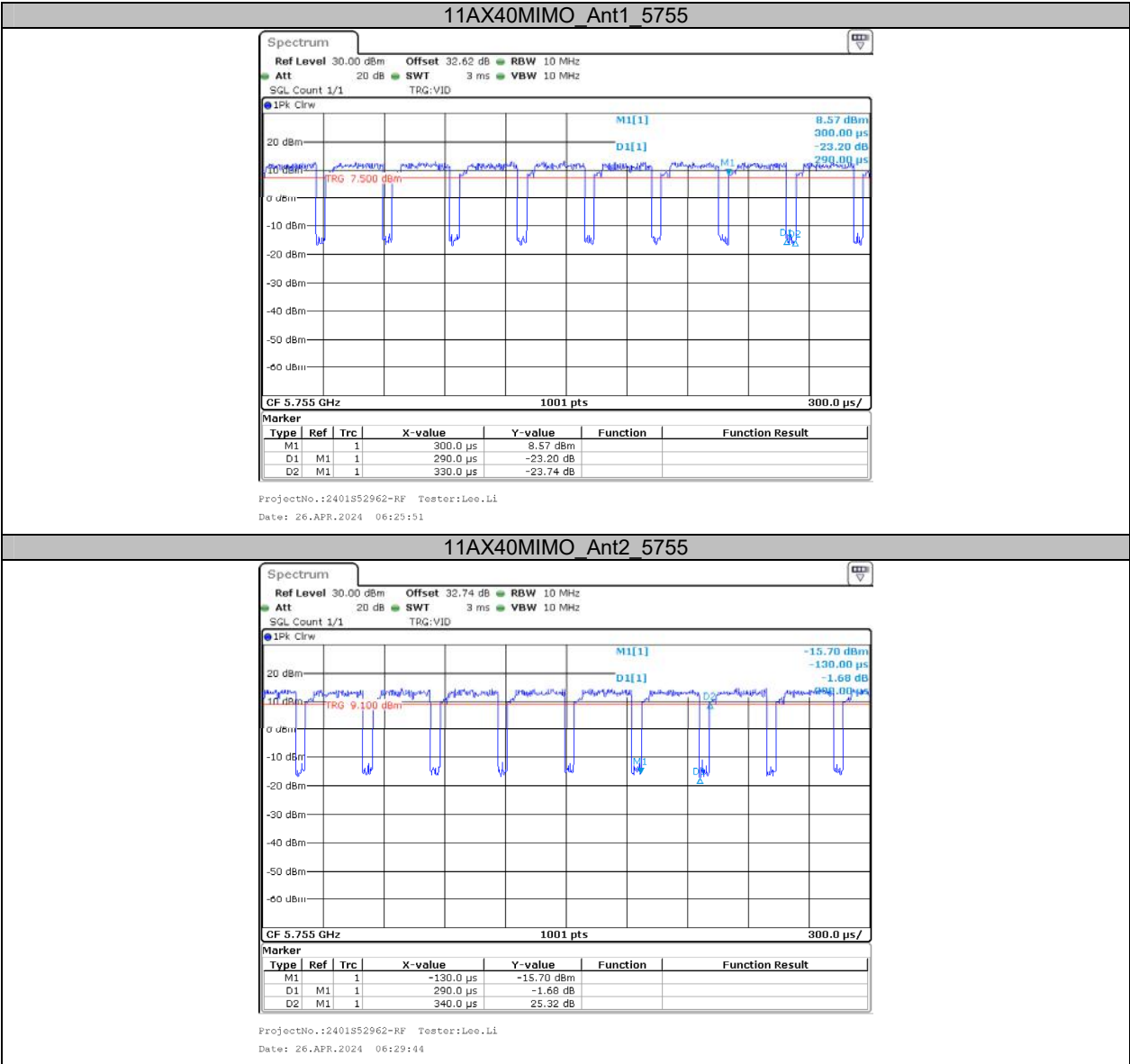




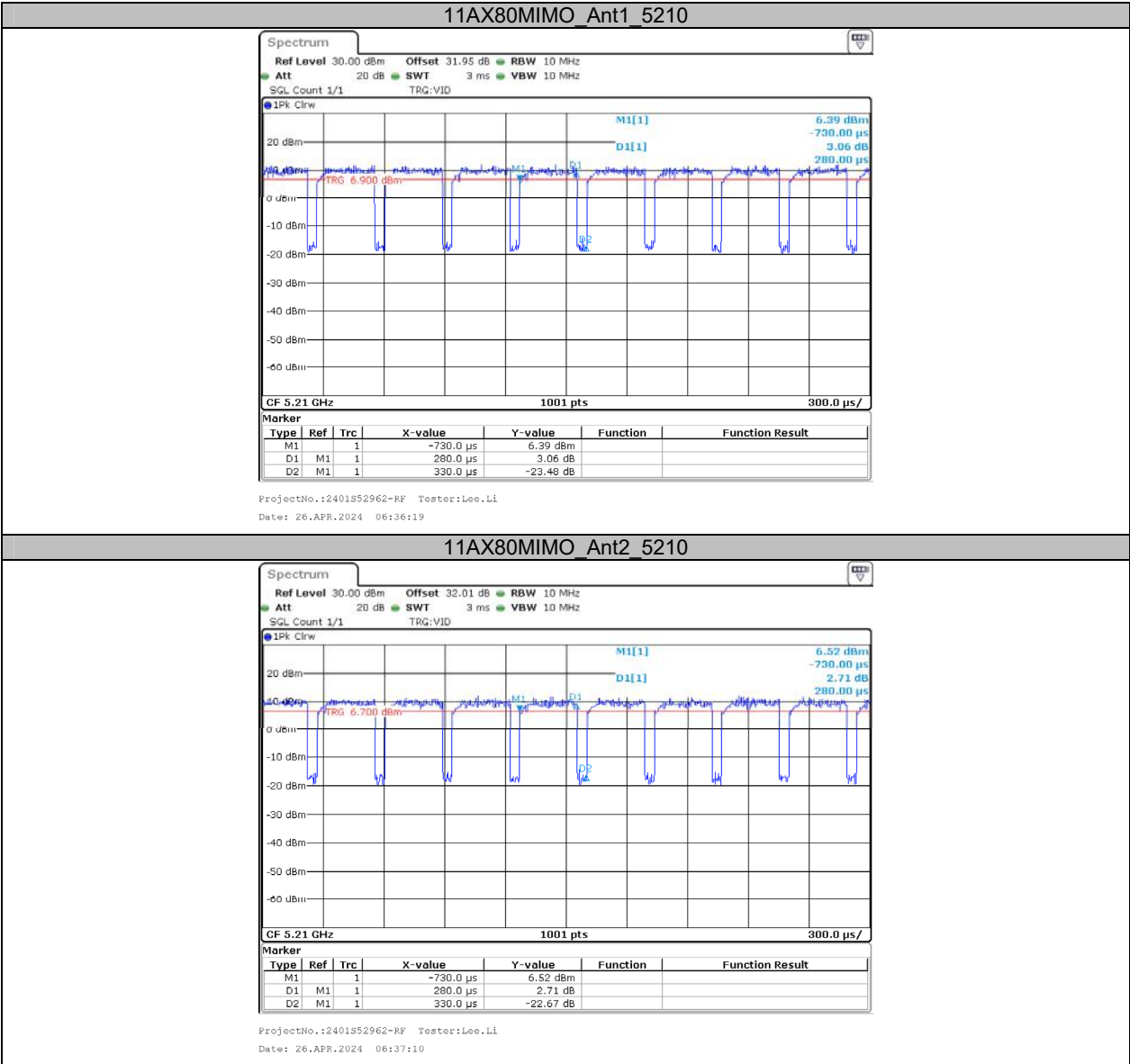




















Appendix C: Maximum conducted output power**Test Result**

Test Mode	Antenna	Frequency[MHz]	Result [dBm]	Limit [dBm]	Verdict
11A	Ant1	5180	12.96	≤23.98	PASS
	Ant2	5180	12.82	≤23.98	PASS
	Ant1	5200	12.68	≤23.98	PASS
	Ant2	5200	12.07	≤23.98	PASS
	Ant1	5240	12.39	≤23.98	PASS
	Ant2	5240	12.20	≤23.98	PASS
	Ant1	5260	12.62	≤23.98	PASS
	Ant2	5260	12.76	≤23.98	PASS
	Ant1	5280	12.64	≤23.98	PASS
	Ant2	5280	12.64	≤23.98	PASS
	Ant1	5320	12.51	≤23.98	PASS
	Ant2	5320	12.34	≤23.98	PASS
	Ant1	5500	12.91	≤23.98	PASS
	Ant2	5500	12.66	≤23.98	PASS
	Ant1	5580	12.23	≤23.98	PASS
	Ant2	5580	12.09	≤23.98	PASS
	Ant1	5700	11.93	≤23.98	PASS
	Ant2	5700	11.54	≤23.98	PASS
	Ant1	5745	12.57	≤30.00	PASS
	Ant2	5745	12.33	≤30.00	PASS
	Ant1	5785	13.06	≤30.00	PASS
	Ant2	5785	12.54	≤30.00	PASS
	Ant1	5825	12.16	≤30.00	PASS
	Ant2	5825	11.75	≤30.00	PASS
11AC20MIMO	Ant1	5180	7.69	≤23.98	PASS
	Ant2	5180	7.34	≤23.98	PASS
	total	5180	10.53	≤23.98	PASS
	Ant1	5200	7.40	≤23.98	PASS
	Ant2	5200	6.78	≤23.98	PASS
	total	5200	10.11	≤23.98	PASS
	Ant1	5240	7.17	≤23.98	PASS
	Ant2	5240	6.67	≤23.98	PASS
	total	5240	9.94	≤23.98	PASS
	Ant1	5260	12.40	≤23.98	PASS
	Ant2	5260	12.58	≤23.98	PASS
	total	5260	15.50	≤23.98	PASS
	Ant1	5280	12.29	≤23.98	PASS
	Ant2	5280	12.52	≤23.98	PASS
	total	5280	15.42	≤23.98	PASS
	Ant1	5320	12.15	≤23.98	PASS
	Ant2	5320	12.26	≤23.98	PASS
	total	5320	15.22	≤23.98	PASS
	Ant1	5500	12.48	≤23.98	PASS
	Ant2	5500	12.52	≤23.98	PASS
	total	5500	15.51	≤23.98	PASS
	Ant1	5580	11.86	≤23.98	PASS
	Ant2	5580	11.98	≤23.98	PASS
	total	5580	14.93	≤23.98	PASS
	Ant1	5700	11.70	≤23.98	PASS
	Ant2	5700	11.53	≤23.98	PASS
	total	5700	14.63	≤23.98	PASS
	Ant1	5745	12.44	≤30.00	PASS
	Ant2	5745	12.24	≤30.00	PASS
	total	5745	15.35	≤30.00	PASS

		Ant1	5785	12.89	≤30.00	PASS
		Ant2	5785	12.32	≤30.00	PASS
		total	5785	15.62	≤30.00	PASS
		Ant1	5825	12.14	≤30.00	PASS
		Ant2	5825	11.46	≤30.00	PASS
		total	5825	14.82	≤30.00	PASS
	11AC40MIMO	Ant1	5190	12.76	≤23.98	PASS
		Ant2	5190	12.32	≤23.98	PASS
		total	5190	15.56	≤23.98	PASS
		Ant1	5230	12.50	≤23.98	PASS
		Ant2	5230	12.14	≤23.98	PASS
		total	5230	15.33	≤23.98	PASS
		Ant1	5270	12.56	≤23.98	PASS
		Ant2	5270	12.52	≤23.98	PASS
		total	5270	15.55	≤23.98	PASS
		Ant1	5310	12.46	≤23.98	PASS
		Ant2	5310	12.30	≤23.98	PASS
		total	5310	15.39	≤23.98	PASS
		Ant1	5510	12.66	≤23.98	PASS
		Ant2	5510	12.15	≤23.98	PASS
		total	5510	15.42	≤23.98	PASS
		Ant1	5550	12.29	≤23.98	PASS
		Ant2	5550	11.94	≤23.98	PASS
		total	5550	15.13	≤23.98	PASS
		Ant1	5670	12.21	≤23.98	PASS
		Ant2	5670	12.16	≤23.98	PASS
		total	5670	15.20	≤23.98	PASS
		Ant1	5755	12.57	≤30.00	PASS
		Ant2	5755	12.35	≤30.00	PASS
		total	5755	15.47	≤30.00	PASS
		Ant1	5795	12.88	≤30.00	PASS
		Ant2	5795	12.08	≤30.00	PASS
		total	5795	15.51	≤30.00	PASS
	11AC80MIMO	Ant1	5210	12.67	≤23.98	PASS
		Ant2	5210	12.24	≤23.98	PASS
		total	5210	15.47	≤23.98	PASS
		Ant1	5290	12.72	≤23.98	PASS
		Ant2	5290	12.78	≤23.98	PASS
		total	5290	15.76	≤23.98	PASS
		Ant1	5530	12.86	≤23.98	PASS
		Ant2	5530	12.30	≤23.98	PASS
		total	5530	15.60	≤23.98	PASS
		Ant1	5775	12.98	≤30.00	PASS
		Ant2	5775	12.50	≤30.00	PASS
		total	5775	15.76	≤30.00	PASS
	11AC160MIMO	Ant1	5250	9.80	≤23.98	PASS
		Ant2	5250	9.82	≤23.98	PASS
		total	5250	12.82	≤23.98	PASS
	11AX20MIMO	Ant1	5180	7.07	≤23.98	PASS
		Ant2	5180	6.64	≤23.98	PASS
		total	5180	9.87	≤23.98	PASS
		Ant1	5200	6.85	≤23.98	PASS
		Ant2	5200	6.04	≤23.98	PASS
		total	5200	9.47	≤23.98	PASS
		Ant1	5240	6.51	≤23.98	PASS
		Ant2	5240	6.08	≤23.98	PASS
		total	5240	9.31	≤23.98	PASS
		Ant1	5260	12.14	≤23.98	PASS
		Ant2	5260	12.35	≤23.98	PASS
		total	5260	15.26	≤23.98	PASS
		Ant1	5280	12.06	≤23.98	PASS

		Ant2	5280	12.31	≤23.98	PASS
		total	5280	15.20	≤23.98	PASS
		Ant1	5320	11.85	≤23.98	PASS
		Ant2	5320	11.96	≤23.98	PASS
		total	5320	14.92	≤23.98	PASS
		Ant1	5500	12.41	≤23.98	PASS
		Ant2	5500	12.28	≤23.98	PASS
		total	5500	15.36	≤23.98	PASS
		Ant1	5580	11.62	≤23.98	PASS
		Ant2	5580	11.64	≤23.98	PASS
		total	5580	14.64	≤23.98	PASS
		Ant1	5700	11.42	≤23.98	PASS
		Ant2	5700	11.35	≤23.98	PASS
		total	5700	14.40	≤23.98	PASS
		Ant1	5745	12.18	≤30.00	PASS
		Ant2	5745	11.94	≤30.00	PASS
		total	5745	15.07	≤30.00	PASS
		Ant1	5785	12.46	≤30.00	PASS
		Ant2	5785	12.05	≤30.00	PASS
		total	5785	15.27	≤30.00	PASS
		Ant1	5825	11.93	≤30.00	PASS
		Ant2	5825	11.10	≤30.00	PASS
		total	5825	14.55	≤30.00	PASS
	11AX40MIMO	Ant1	5190	12.18	≤23.98	PASS
		Ant2	5190	12.01	≤23.98	PASS
		total	5190	15.11	≤23.98	PASS
		Ant1	5230	12.08	≤23.98	PASS
		Ant2	5230	11.76	≤23.98	PASS
		total	5230	14.93	≤23.98	PASS
		Ant1	5270	12.02	≤23.98	PASS
		Ant2	5270	12.21	≤23.98	PASS
		total	5270	15.13	≤23.98	PASS
		Ant1	5310	12.05	≤23.98	PASS
		Ant2	5310	11.93	≤23.98	PASS
		total	5310	15.00	≤23.98	PASS
		Ant1	5510	12.23	≤23.98	PASS
		Ant2	5510	11.85	≤23.98	PASS
		total	5510	15.05	≤23.98	PASS
		Ant1	5550	11.89	≤23.98	PASS
		Ant2	5550	11.61	≤23.98	PASS
		total	5550	14.76	≤23.98	PASS
		Ant1	5670	11.68	≤23.98	PASS
		Ant2	5670	11.60	≤23.98	PASS
		total	5670	14.65	≤23.98	PASS
		Ant1	5755	12.01	≤30.00	PASS
		Ant2	5755	11.92	≤30.00	PASS
		total	5755	14.98	≤30.00	PASS
		Ant1	5795	12.41	≤30.00	PASS
		Ant2	5795	11.67	≤30.00	PASS
		total	5795	15.07	≤30.00	PASS
	11AX80MIMO	Ant1	5210	11.96	≤23.98	PASS
		Ant2	5210	11.74	≤23.98	PASS
		total	5210	14.86	≤23.98	PASS
		Ant1	5290	12.19	≤23.98	PASS
		Ant2	5290	12.29	≤23.98	PASS
		total	5290	15.25	≤23.98	PASS
		Ant1	5530	12.34	≤23.98	PASS
		Ant2	5530	11.94	≤23.98	PASS
		total	5530	15.15	≤23.98	PASS
		Ant1	5775	12.38	≤30.00	PASS
		Ant2	5775	11.92	≤30.00	PASS

	total	5775	15.17	≤30.00	PASS
11AX160MIMO	Ant1	5250	9.31	≤23.98	PASS
	Ant2	5250	9.26	≤23.98	PASS
	total	5250	12.30	≤23.98	PASS
Note: 1. The device is a client device. 2. 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:		4.97	dBi	Directional gain:	4.97 dBi

Appendix D: Maximum power spectral density**Test Result**

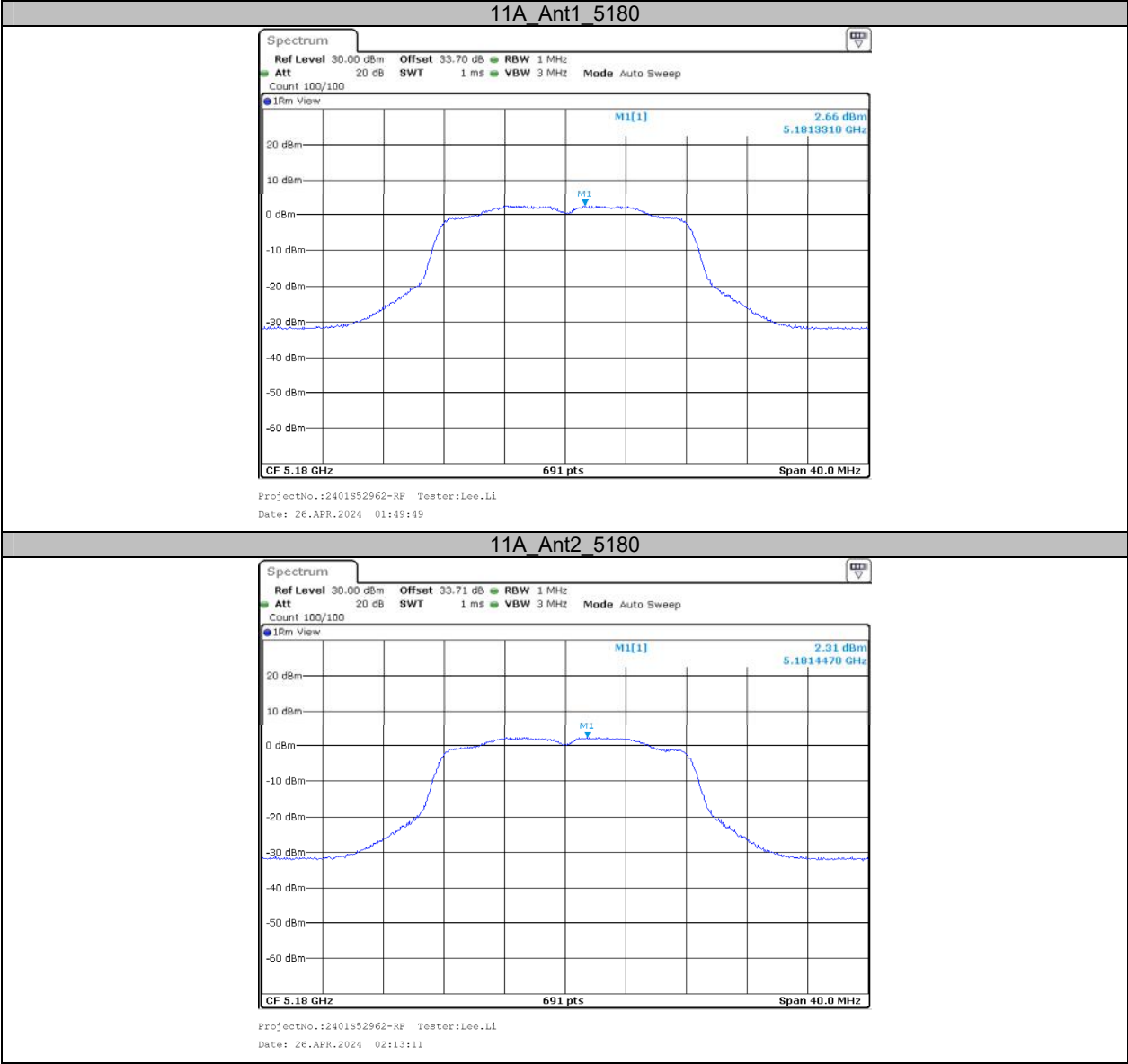
Test Mode	Antenna	Frequency[MHz]	Result [dBm/MHz]	Limit[dBm/MHz]	Verdict
11A	Ant1	5180	2.66	≤11.00	PASS
	Ant2	5180	2.31	≤11.00	PASS
	Ant1	5200	2.34	≤11.00	PASS
	Ant2	5200	1.73	≤11.00	PASS
	Ant1	5240	1.88	≤11.00	PASS
	Ant2	5240	1.89	≤11.00	PASS
	Ant1	5260	2.16	≤11.00	PASS
	Ant2	5260	2.29	≤11.00	PASS
	Ant1	5280	2.18	≤11.00	PASS
	Ant2	5280	2.30	≤11.00	PASS
	Ant1	5320	2.13	≤11.00	PASS
	Ant2	5320	1.88	≤11.00	PASS
	Ant1	5500	2.59	≤11.00	PASS
	Ant2	5500	2.32	≤11.00	PASS
	Ant1	5580	2.00	≤11.00	PASS
	Ant2	5580	1.70	≤11.00	PASS
	Ant1	5700	1.46	≤11.00	PASS
	Ant2	5700	1.19	≤11.00	PASS
	Ant1	5745	-1.50	≤30.00	PASS
	Ant2	5745	-1.49	≤30.00	PASS
	Ant1	5785	-0.49	≤30.00	PASS
	Ant2	5785	-1.18	≤30.00	PASS
	Ant1	5825	-1.77	≤30.00	PASS
	Ant2	5825	-2.18	≤30.00	PASS
11AC20MIMO	Ant1	5180	-2.78	≤9.03	PASS
	Ant2	5180	-3.26	≤9.03	PASS
	total	5180	0.00	≤9.03	PASS
	Ant1	5200	-3.29	≤9.03	PASS
	Ant2	5200	-3.98	≤9.03	PASS
	total	5200	-0.61	≤9.03	PASS
	Ant1	5240	-3.61	≤9.03	PASS
	Ant2	5240	-3.95	≤9.03	PASS
	total	5240	-0.77	≤9.03	PASS
	Ant1	5260	1.89	≤9.03	PASS
	Ant2	5260	2.09	≤9.03	PASS
	total	5260	5.00	≤9.03	PASS
	Ant1	5280	1.58	≤9.03	PASS
	Ant2	5280	1.77	≤9.03	PASS
	total	5280	4.69	≤9.03	PASS
	Ant1	5320	1.53	≤9.03	PASS
	Ant2	5320	1.59	≤9.03	PASS
	total	5320	4.57	≤9.03	PASS
	Ant1	5500	1.95	≤9.03	PASS
	Ant2	5500	2.11	≤9.03	PASS
	total	5500	5.04	≤9.03	PASS
	Ant1	5580	1.32	≤9.03	PASS
	Ant2	5580	1.40	≤9.03	PASS
	total	5580	4.37	≤9.03	PASS
	Ant1	5700	1.12	≤9.03	PASS
	Ant2	5700	0.89	≤9.03	PASS
	total	5700	4.02	≤9.03	PASS
	Ant1	5745	-1.85	≤28.03	PASS
	Ant2	5745	-2.04	≤28.03	PASS
	total	5745	1.07	≤28.03	PASS

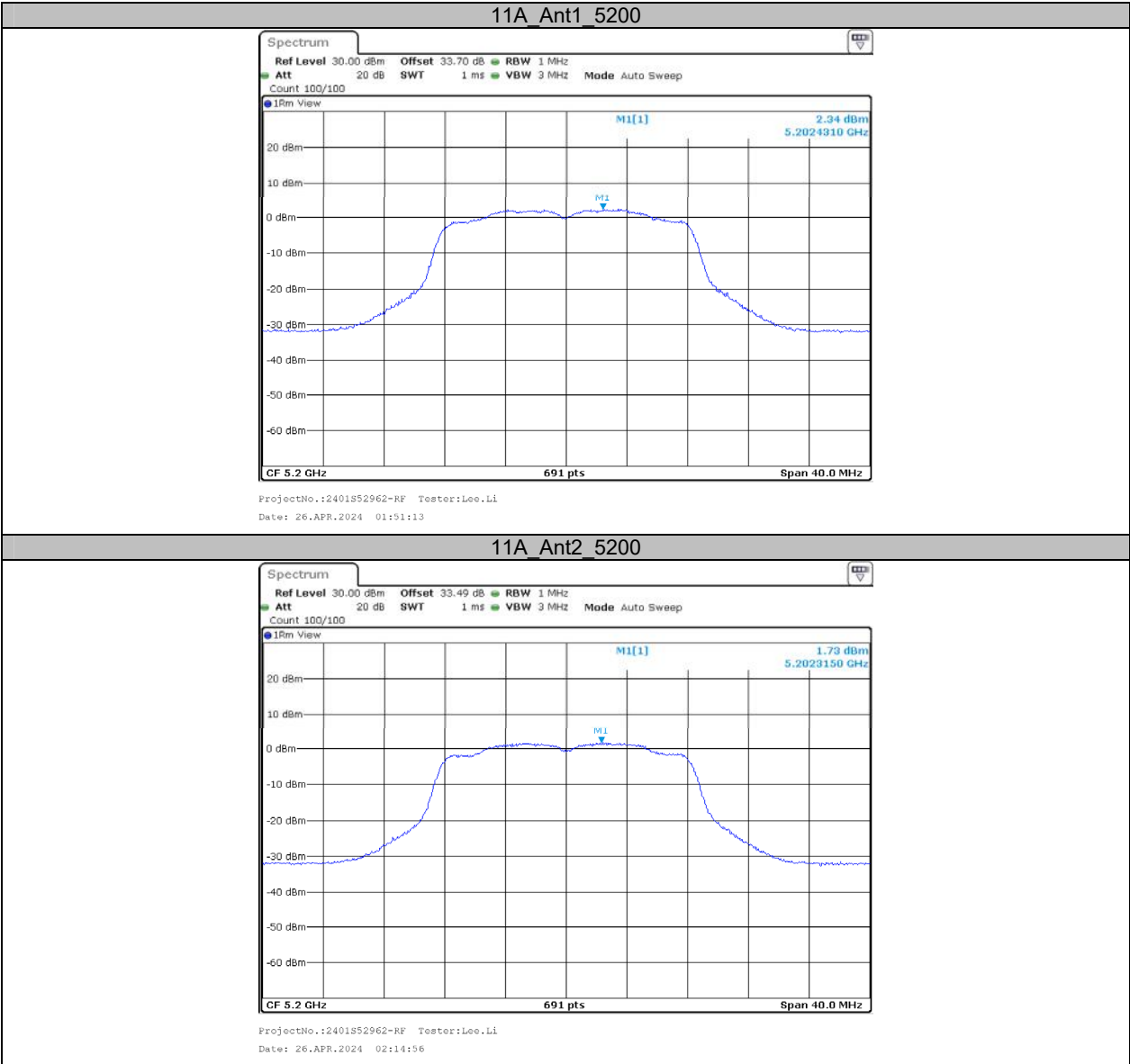
		Ant1	5785	-1.20	≤28.03	PASS
		Ant2	5785	-1.82	≤28.03	PASS
		total	5785	1.51	≤28.03	PASS
		Ant1	5825	-2.11	≤28.03	PASS
		Ant2	5825	-2.98	≤28.03	PASS
11AC40MIMO		total	5825	0.49	≤28.03	PASS
		Ant1	5190	-1.39	≤9.03	PASS
		Ant2	5190	-1.61	≤9.03	PASS
		total	5190	1.51	≤9.03	PASS
		Ant1	5230	-1.49	≤9.03	PASS
		Ant2	5230	-1.72	≤9.03	PASS
		total	5230	1.41	≤9.03	PASS
		Ant1	5270	-1.42	≤9.03	PASS
		Ant2	5270	-1.44	≤9.03	PASS
		total	5270	1.58	≤9.03	PASS
		Ant1	5310	-1.44	≤9.03	PASS
		Ant2	5310	-1.74	≤9.03	PASS
		total	5310	1.42	≤9.03	PASS
		Ant1	5510	-1.21	≤9.03	PASS
		Ant2	5510	-1.77	≤9.03	PASS
		total	5510	1.53	≤9.03	PASS
		Ant1	5550	-1.54	≤9.03	PASS
		Ant2	5550	-2.05	≤9.03	PASS
		total	5550	1.22	≤9.03	PASS
		Ant1	5670	-1.76	≤9.03	PASS
		Ant2	5670	-1.71	≤9.03	PASS
		total	5670	1.28	≤9.03	PASS
		Ant1	5755	-4.81	≤28.03	PASS
		Ant2	5755	-5.04	≤28.03	PASS
		total	5755	-1.91	≤28.03	PASS
		Ant1	5795	-4.65	≤28.03	PASS
		Ant2	5795	-5.09	≤28.03	PASS
		total	5795	-1.85	≤28.03	PASS
11AC80MIMO		Ant1	5210	-4.33	≤9.03	PASS
		Ant2	5210	-4.55	≤9.03	PASS
		total	5210	-1.43	≤9.03	PASS
		Ant1	5290	-4.37	≤9.03	PASS
		Ant2	5290	-4.25	≤9.03	PASS
		total	5290	-1.30	≤9.03	PASS
		Ant1	5530	-3.98	≤9.03	PASS
		Ant2	5530	-4.54	≤9.03	PASS
		total	5530	-1.24	≤9.03	PASS
		Ant1	5775	-6.47	≤28.03	PASS
		Ant2	5775	-6.98	≤28.03	PASS
		total	5775	-3.71	≤28.03	PASS
11AC160MIMO		Ant1	5250 UNII-1	-7.19	≤9.03	PASS
		Ant2	5250 UNII-1	-7.13	≤9.03	PASS
		total	5250 UNII-1	-4.15	≤9.03	PASS
		Ant1	5250 UNII-2A	-6.62	≤9.03	PASS
		Ant2	5250 UNII-2A	-6.97	≤9.03	PASS
		total	5250 UNII-2A	-3.78	≤9.03	PASS
11AX20MIMO		Ant1	5180	-3.36	≤9.03	PASS
		Ant2	5180	-4.03	≤9.03	PASS
		total	5180	-0.67	≤9.03	PASS
		Ant1	5200	-3.99	≤9.03	PASS
		Ant2	5200	-4.67	≤9.03	PASS
		total	5200	-1.31	≤9.03	PASS
		Ant1	5240	-4.28	≤9.03	PASS
		Ant2	5240	-4.77	≤9.03	PASS
		total	5240	-1.51	≤9.03	PASS
		Ant1	5260	1.48	≤9.03	PASS

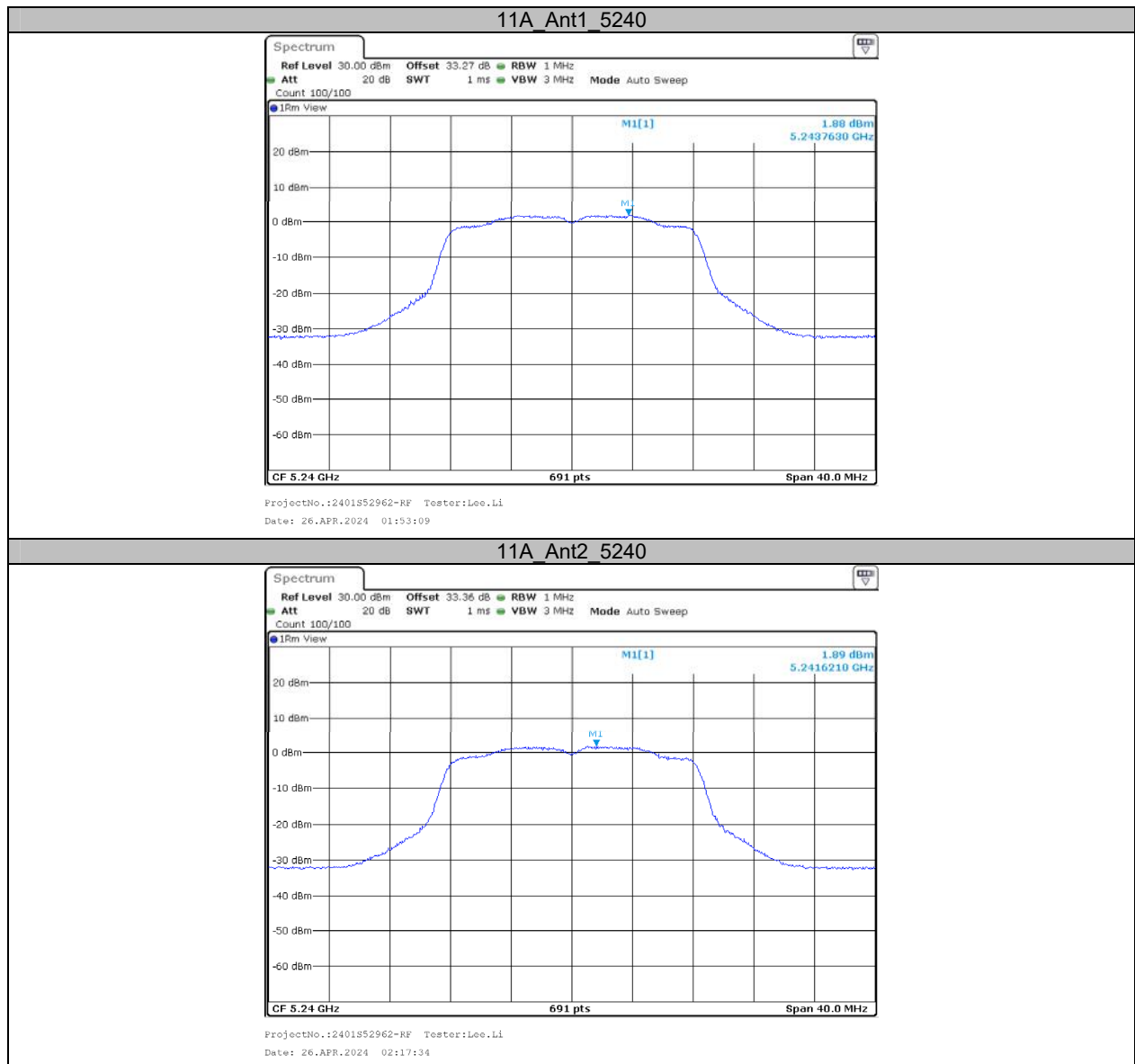
		Ant2	5260	1.50	≤9.03	PASS
		total	5260	4.50	≤9.03	PASS
		Ant1	5280	1.25	≤9.03	PASS
		Ant2	5280	1.54	≤9.03	PASS
		total	5280	4.41	≤9.03	PASS
		Ant1	5320	0.94	≤9.03	PASS
		Ant2	5320	0.98	≤9.03	PASS
		total	5320	3.97	≤9.03	PASS
		Ant1	5500	1.64	≤9.03	PASS
		Ant2	5500	1.53	≤9.03	PASS
		total	5500	4.60	≤9.03	PASS
		Ant1	5580	0.93	≤9.03	PASS
		Ant2	5580	0.69	≤9.03	PASS
		total	5580	3.82	≤9.03	PASS
		Ant1	5700	0.62	≤9.03	PASS
		Ant2	5700	0.57	≤9.03	PASS
		total	5700	3.61	≤9.03	PASS
		Ant1	5745	-2.45	≤28.03	PASS
		Ant2	5745	-2.71	≤28.03	PASS
		total	5745	0.43	≤28.03	PASS
		Ant1	5785	-2.07	≤28.03	PASS
		Ant2	5785	-2.62	≤28.03	PASS
		total	5785	0.67	≤28.03	PASS
		Ant1	5825	-2.57	≤28.03	PASS
		Ant2	5825	-3.39	≤28.03	PASS
		total	5825	0.05	≤28.03	PASS
11AX40MIMO		Ant1	5190	-1.81	≤9.03	PASS
		Ant2	5190	-1.95	≤9.03	PASS
		total	5190	1.13	≤9.03	PASS
		Ant1	5230	-1.87	≤9.03	PASS
		Ant2	5230	-2.37	≤9.03	PASS
		total	5230	0.90	≤9.03	PASS
		Ant1	5270	-1.82	≤9.03	PASS
		Ant2	5270	-1.78	≤9.03	PASS
		total	5270	1.21	≤9.03	PASS
		Ant1	5310	-1.94	≤9.03	PASS
		Ant2	5310	-1.86	≤9.03	PASS
		total	5310	1.11	≤9.03	PASS
		Ant1	5510	-1.82	≤9.03	PASS
		Ant2	5510	-2.07	≤9.03	PASS
		total	5510	1.07	≤9.03	PASS
		Ant1	5550	-2.09	≤9.03	PASS
		Ant2	5550	-2.42	≤9.03	PASS
		total	5550	0.76	≤9.03	PASS
		Ant1	5670	-2.25	≤9.03	PASS
		Ant2	5670	-2.48	≤9.03	PASS
		total	5670	0.65	≤9.03	PASS
		Ant1	5755	-5.34	≤28.03	PASS
		Ant2	5755	-5.64	≤28.03	PASS
		total	5755	-2.48	≤28.03	PASS
		Ant1	5795	-5.26	≤28.03	PASS
		Ant2	5795	-5.87	≤28.03	PASS
		total	5795	-2.54	≤28.03	PASS
11AX80MIMO		Ant1	5210	-4.90	≤9.03	PASS
		Ant2	5210	-5.20	≤9.03	PASS
		total	5210	-2.04	≤9.03	PASS
		Ant1	5290	-4.78	≤9.03	PASS
		Ant2	5290	-4.60	≤9.03	PASS
		total	5290	-1.68	≤9.03	PASS
		Ant1	5530	-4.66	≤9.03	PASS
		Ant2	5530	-5.02	≤9.03	PASS

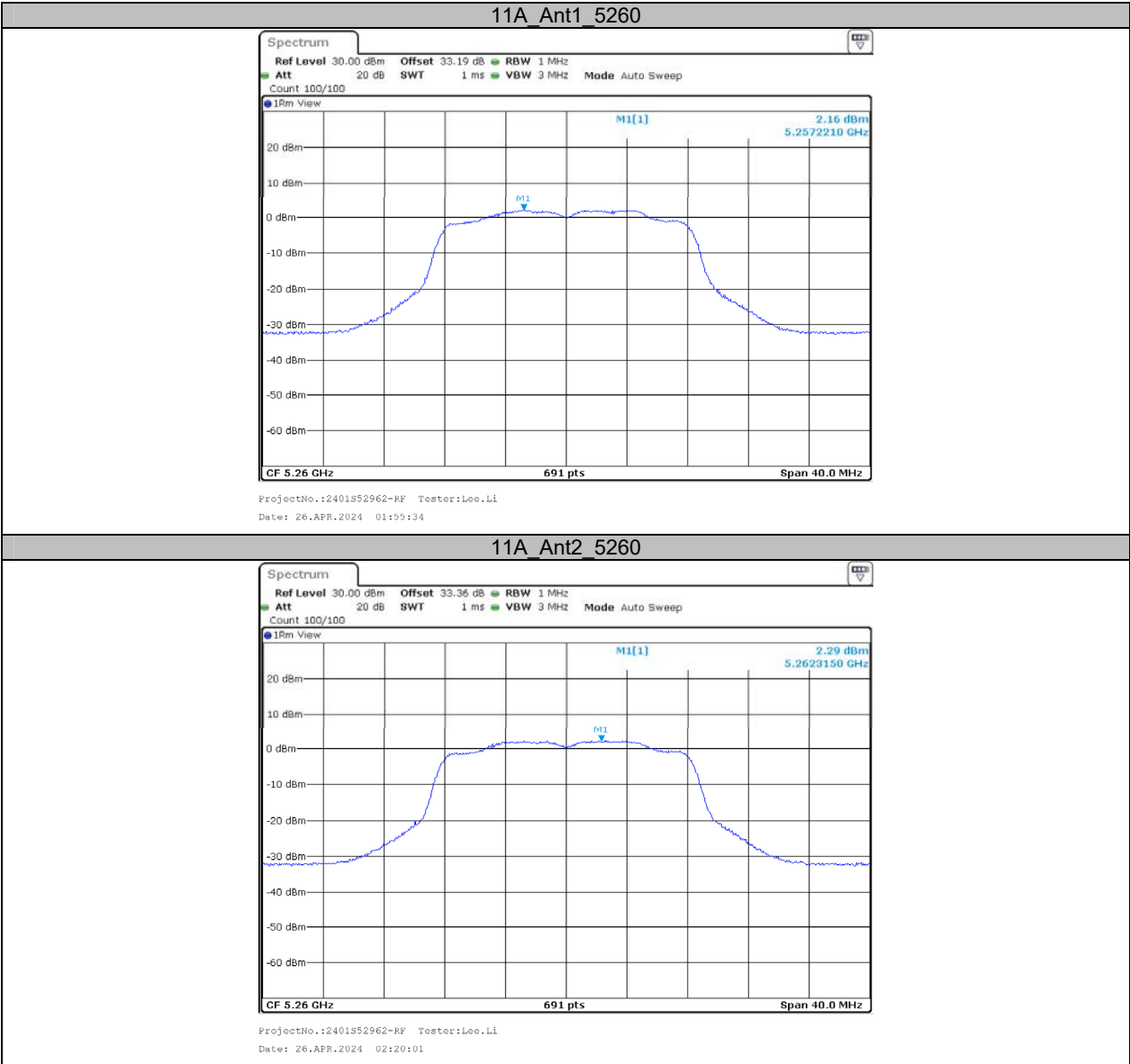
	total	5530	-1.83	≤9.03	PASS
	Ant1	5775	-7.30	≤28.03	PASS
	Ant2	5775	-7.48	≤28.03	PASS
	total	5775	-4.38	≤28.03	PASS
11AX160MIMO	Ant1	5250 UNII-1	-7.45	≤9.03	PASS
	Ant2	5250 UNII-1	-7.87	≤9.03	PASS
	total	5250 UNII-1	-4.64	≤9.03	PASS
	Ant1	5250 UNII-2A	-7.28	≤9.03	PASS
	Ant2	5250 UNII-2A	-7.42	≤9.03	PASS
	total	5250 UNII-2A	-4.34	≤9.03	PASS
Note: 1. The device is a client device. 2. 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 3. The Result and Limit Unit is dBm/500 kHz in the band 5.725–5.85 GHz. 4. The Duty Cycle Factor is compensated in the graph.					
Maximum Antenna Gain:		4.97	dBi	Directional gain:	7.97 dBi

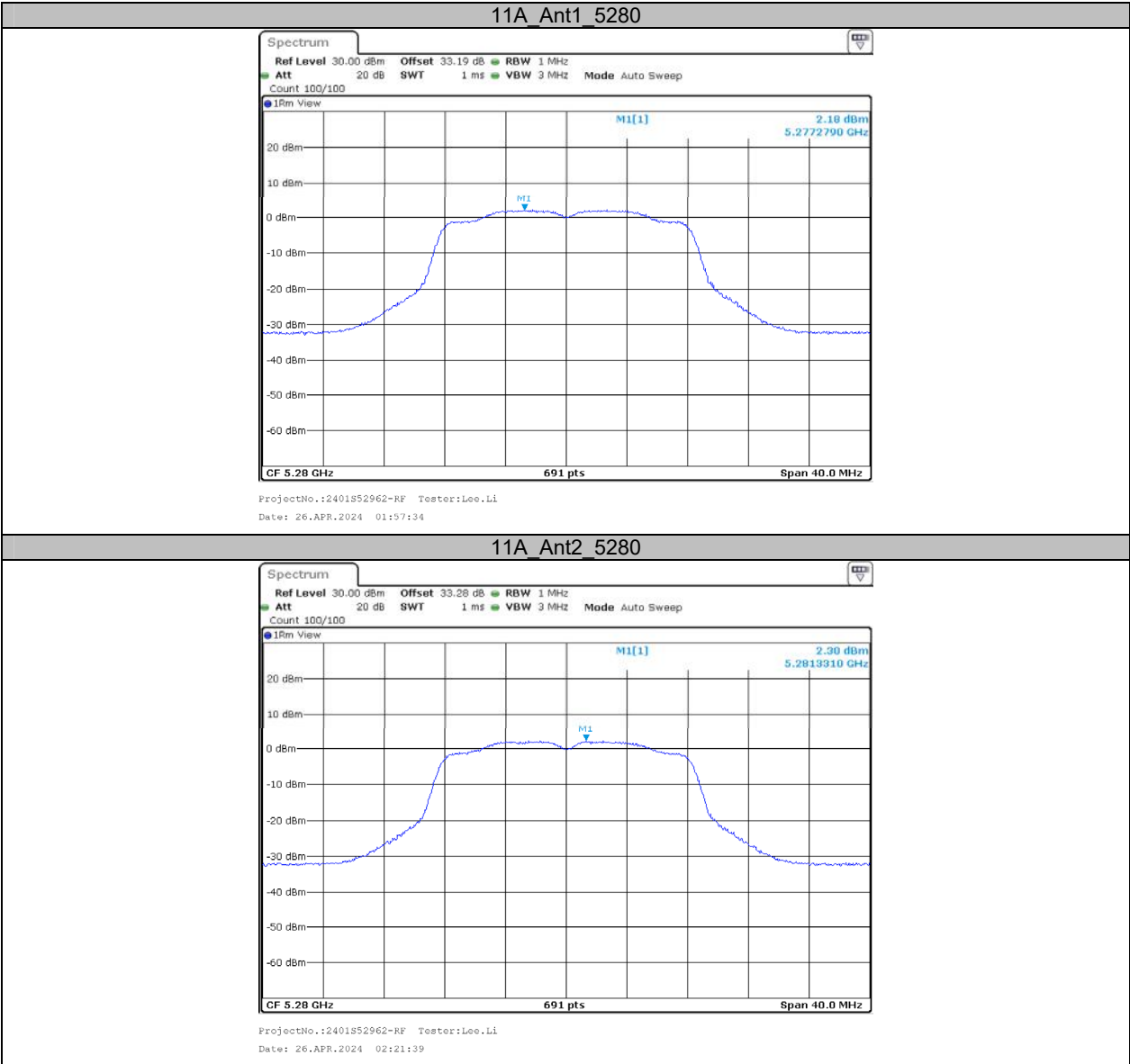
Test Graphs

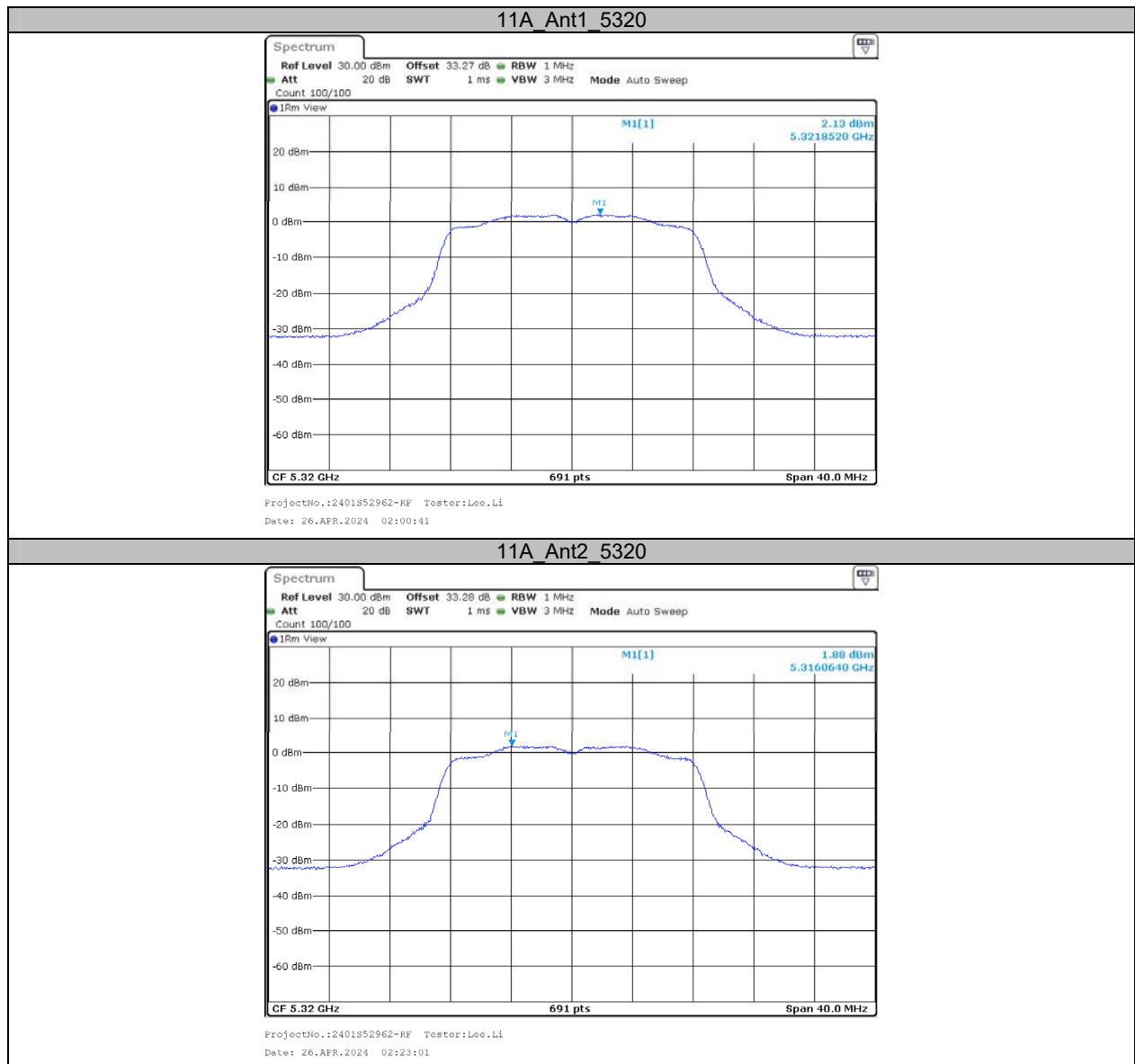


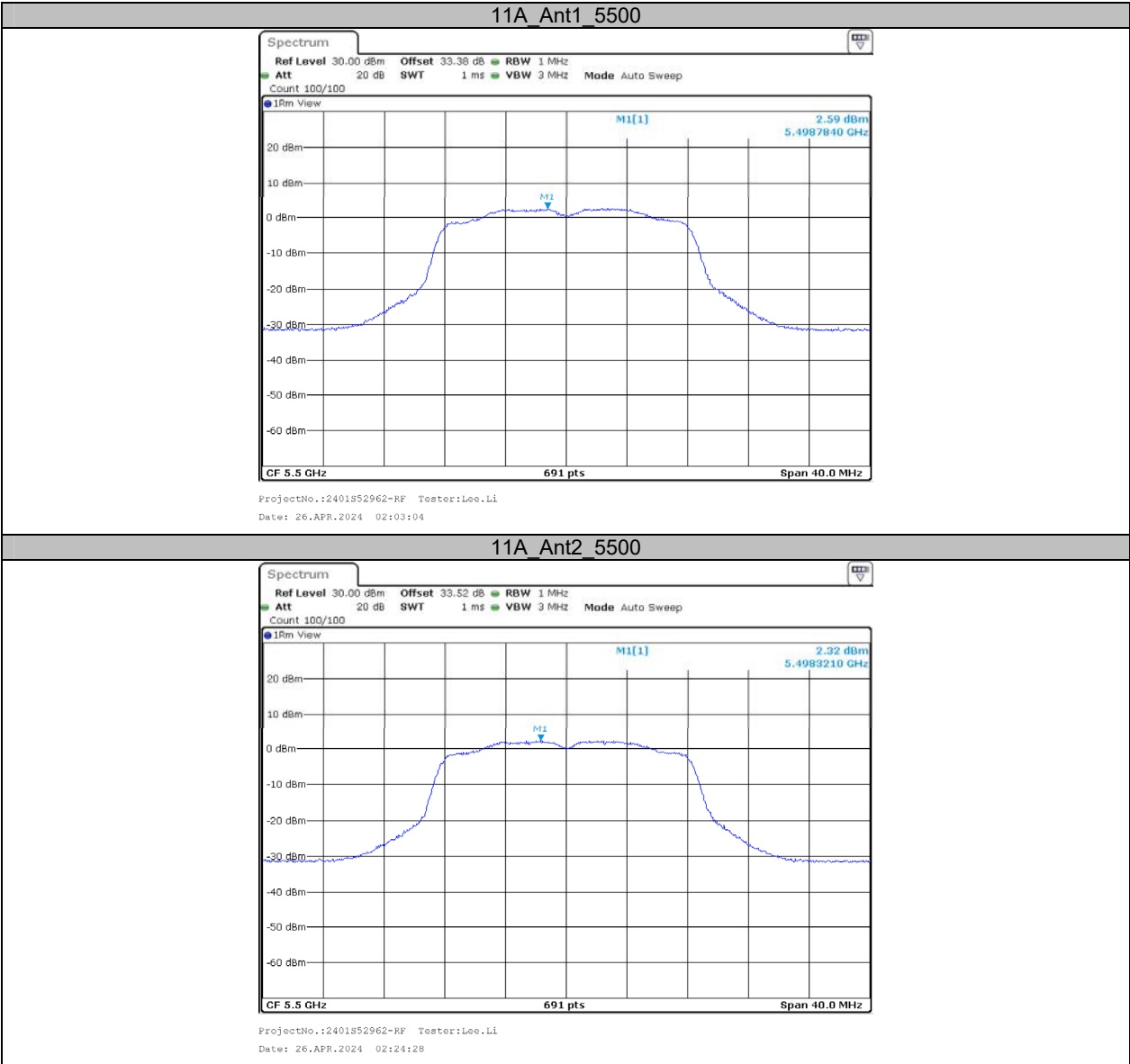


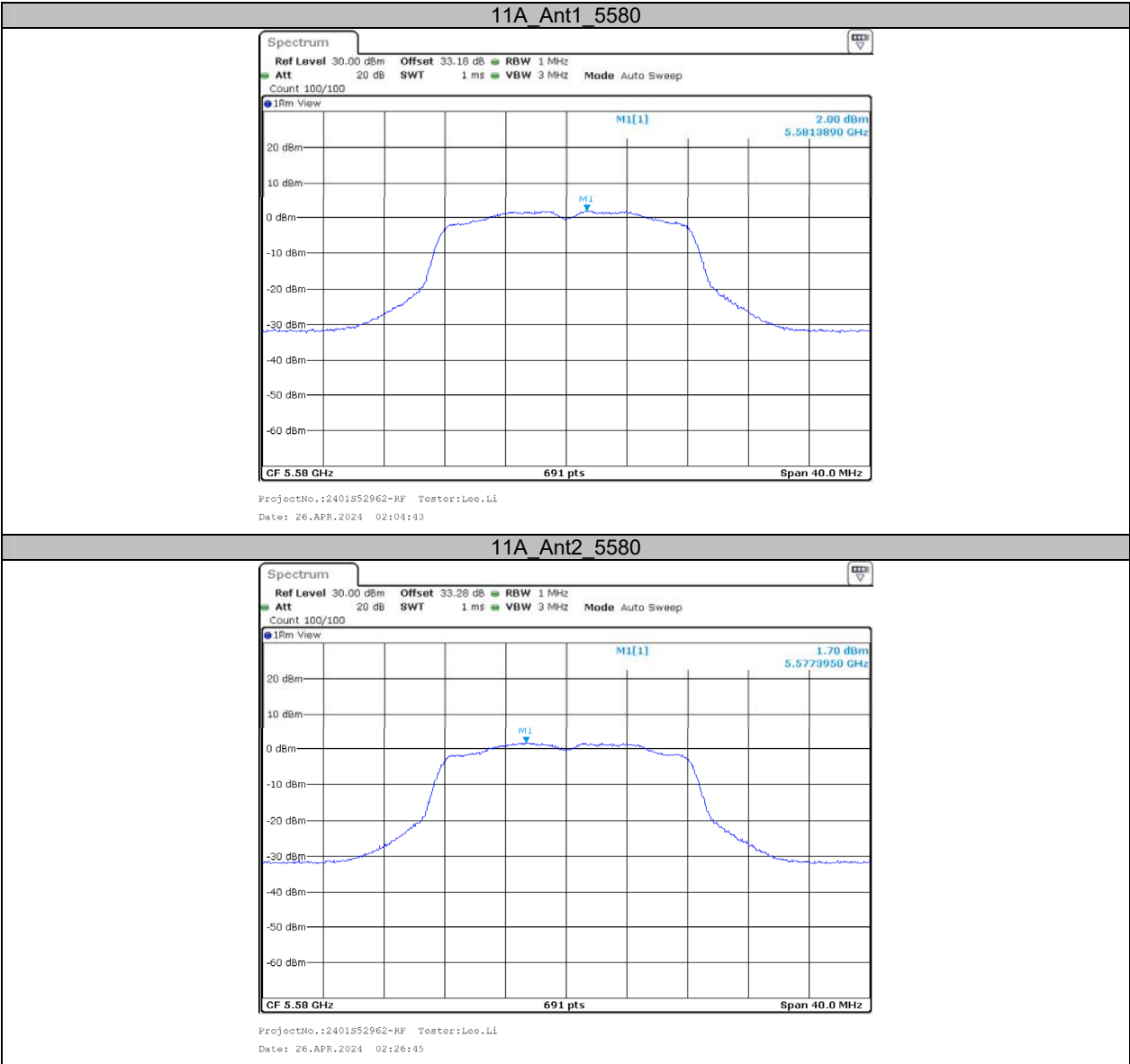


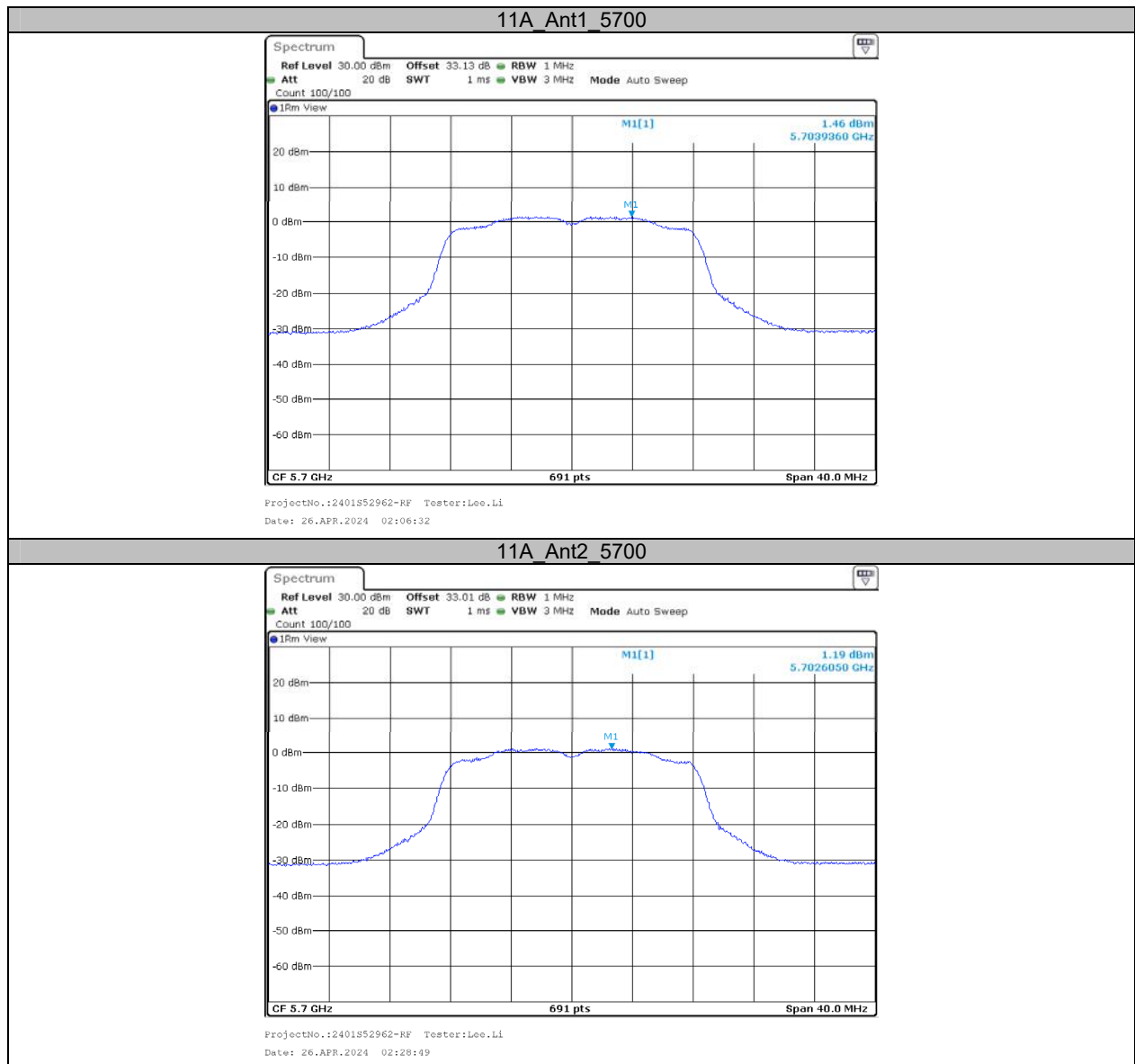


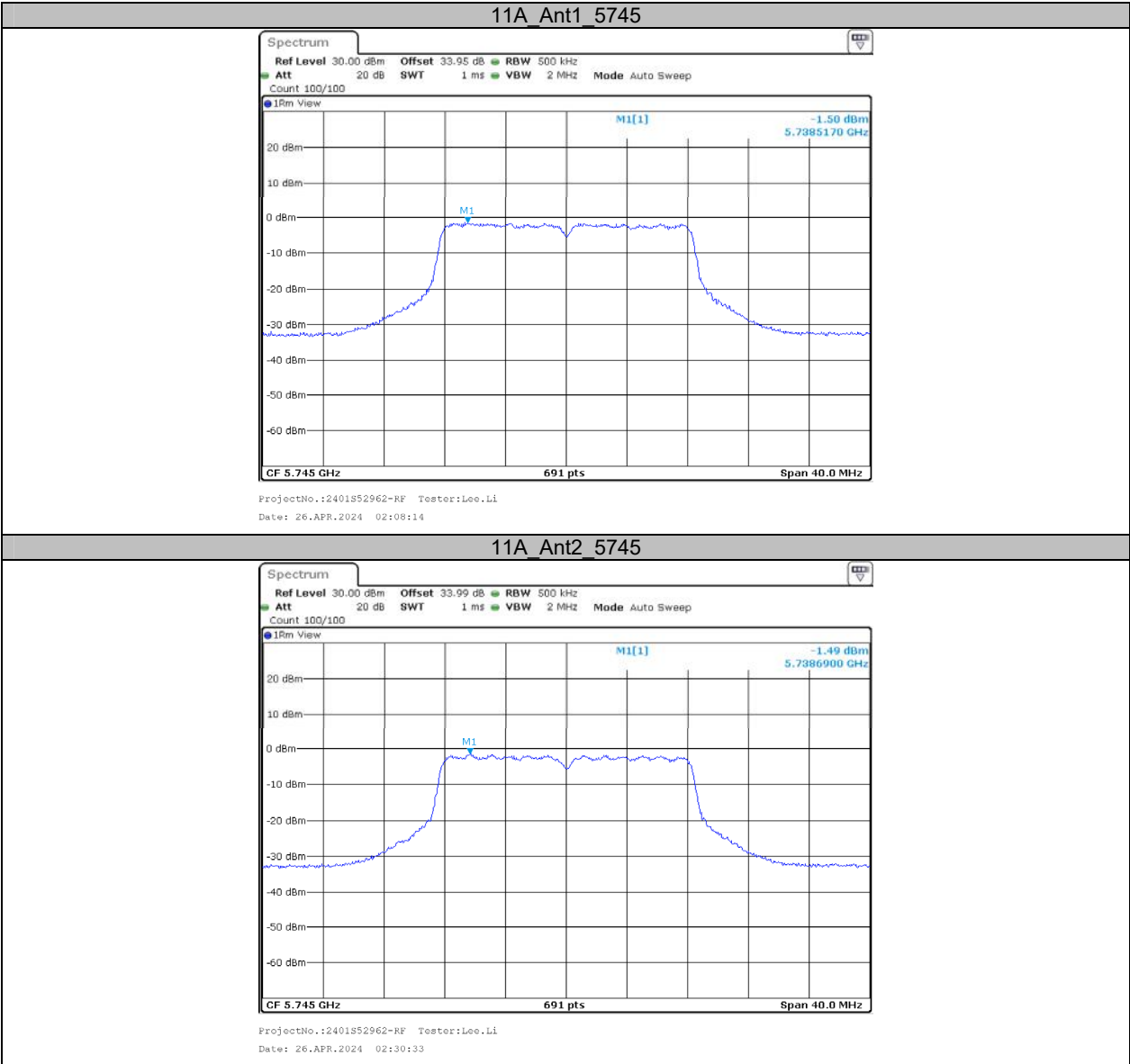


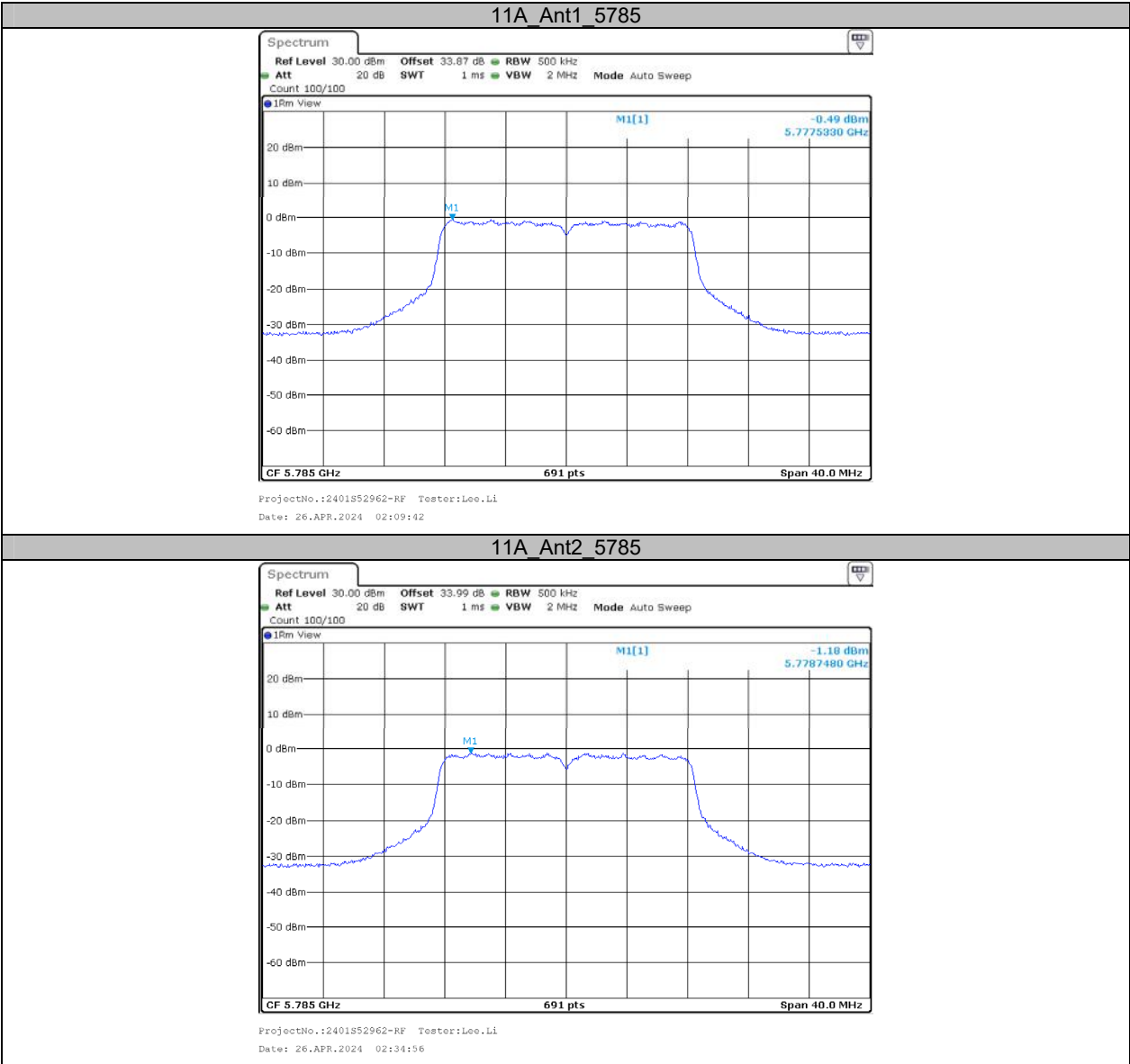


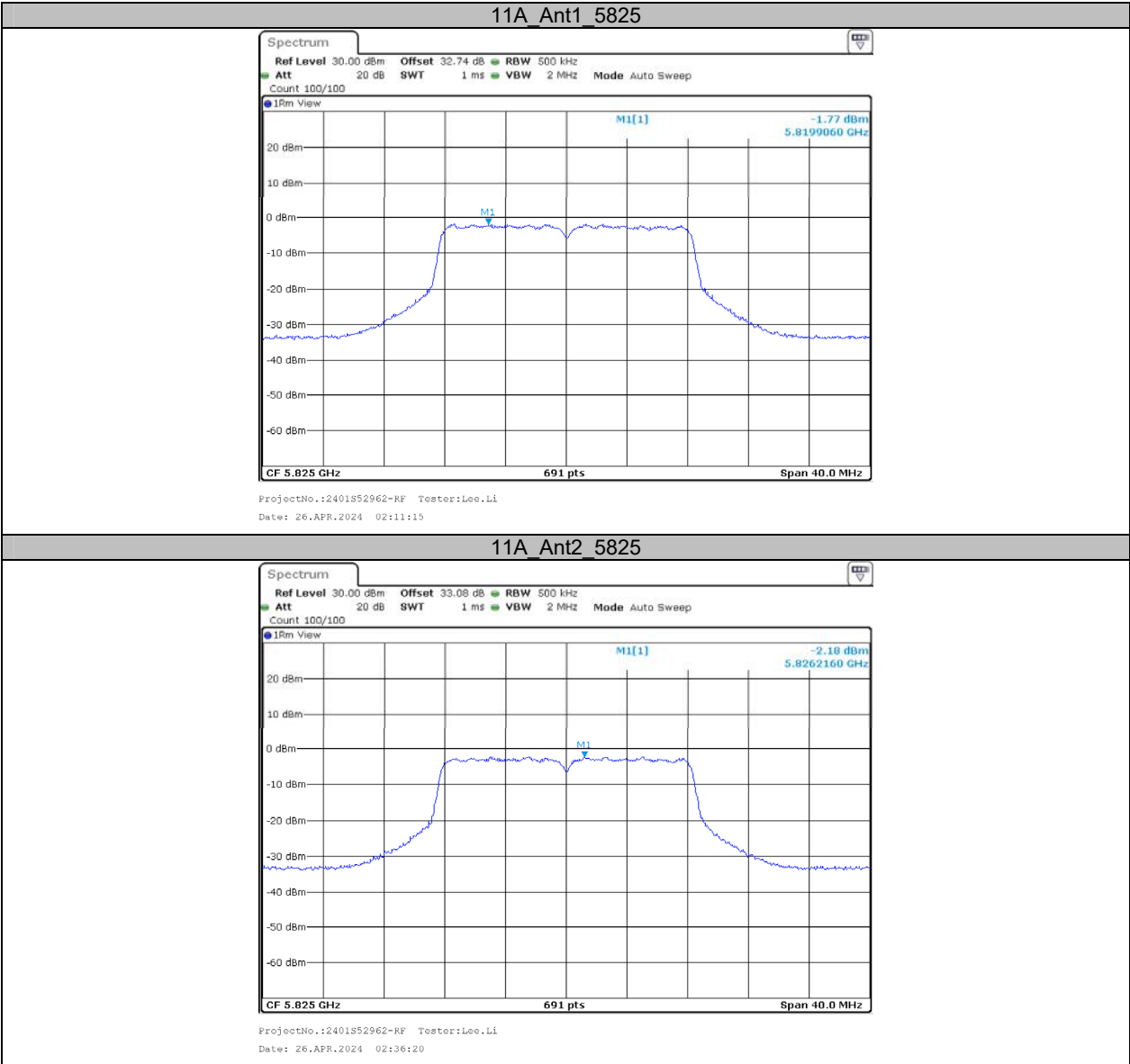


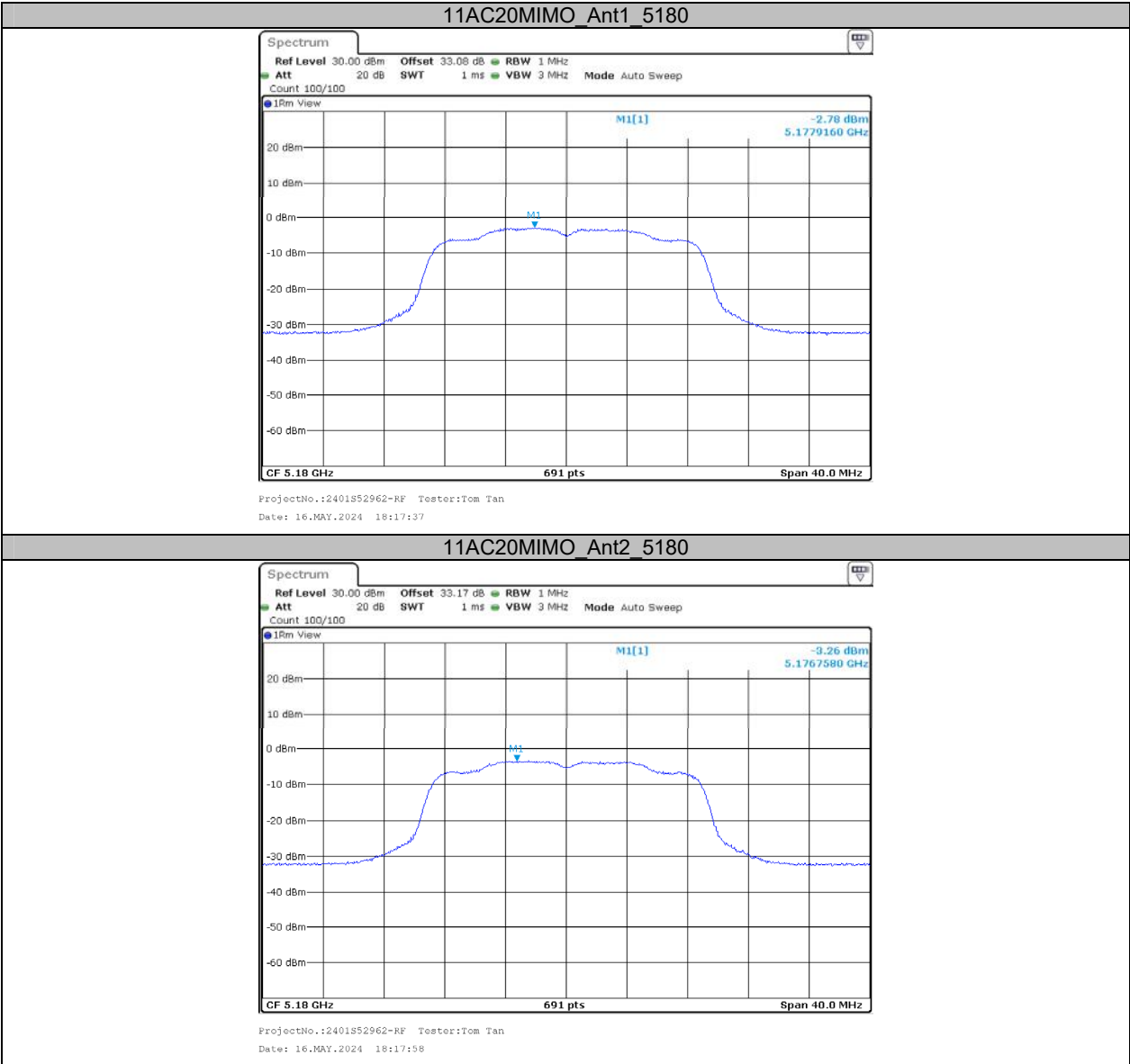


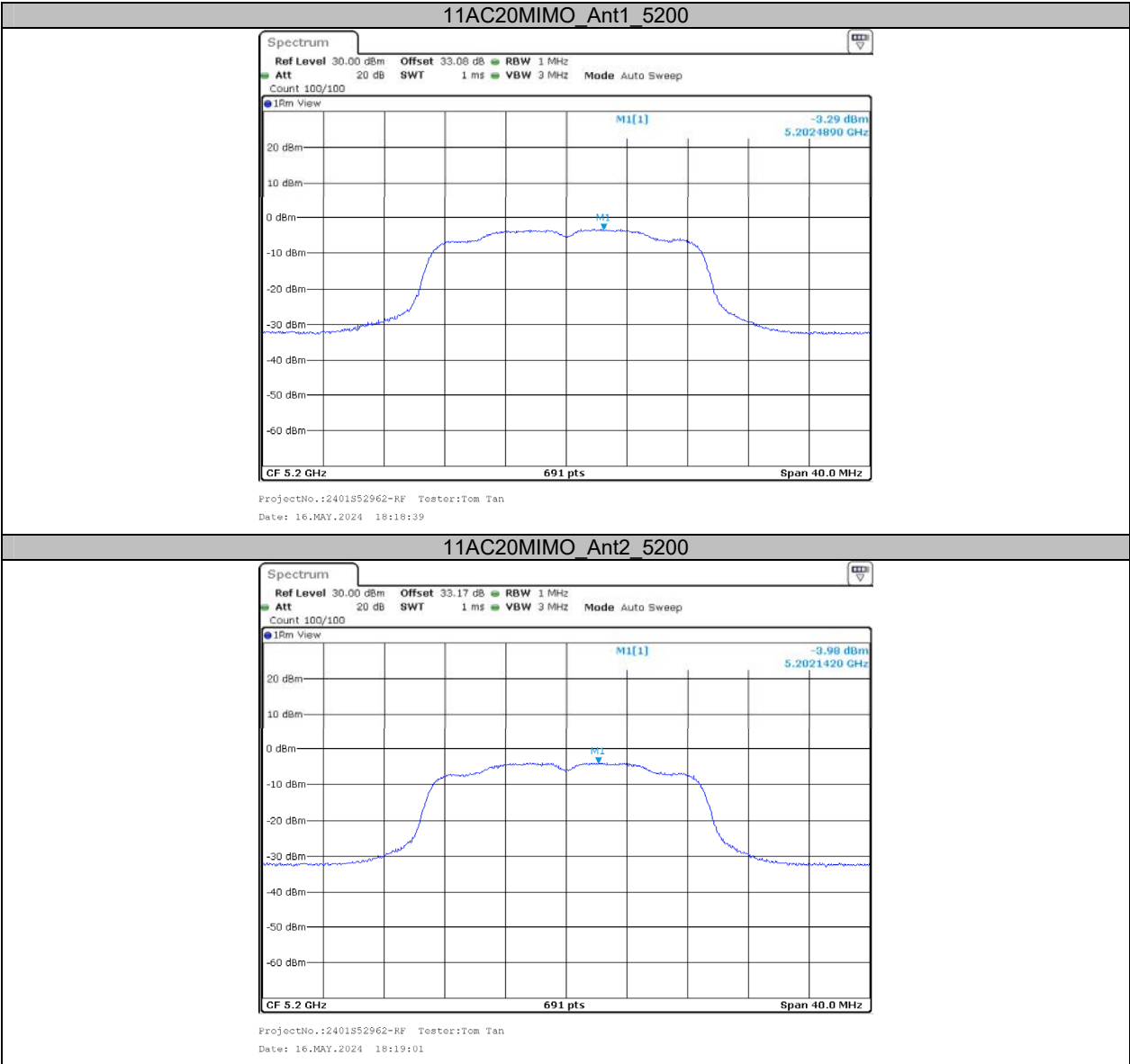


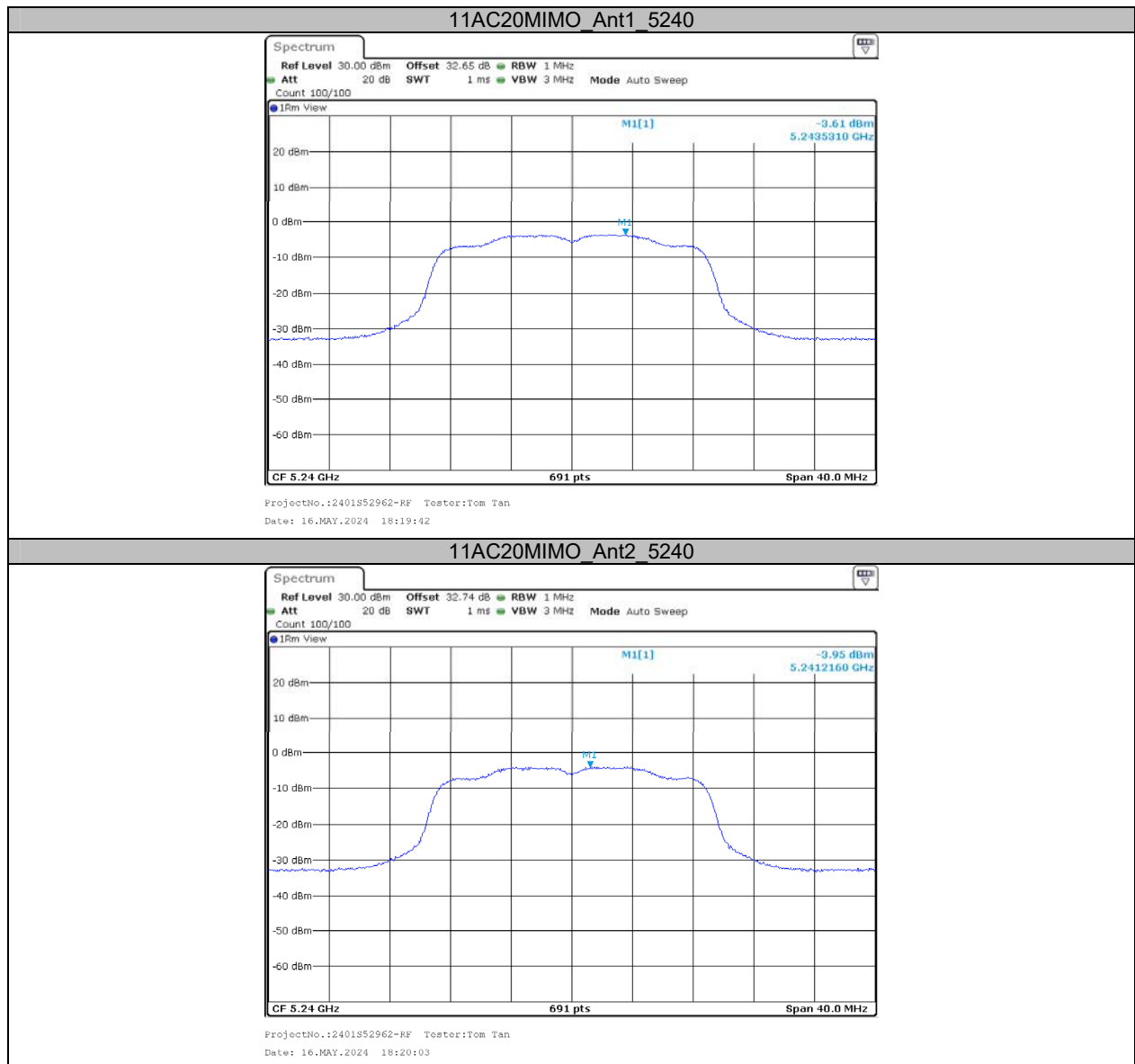


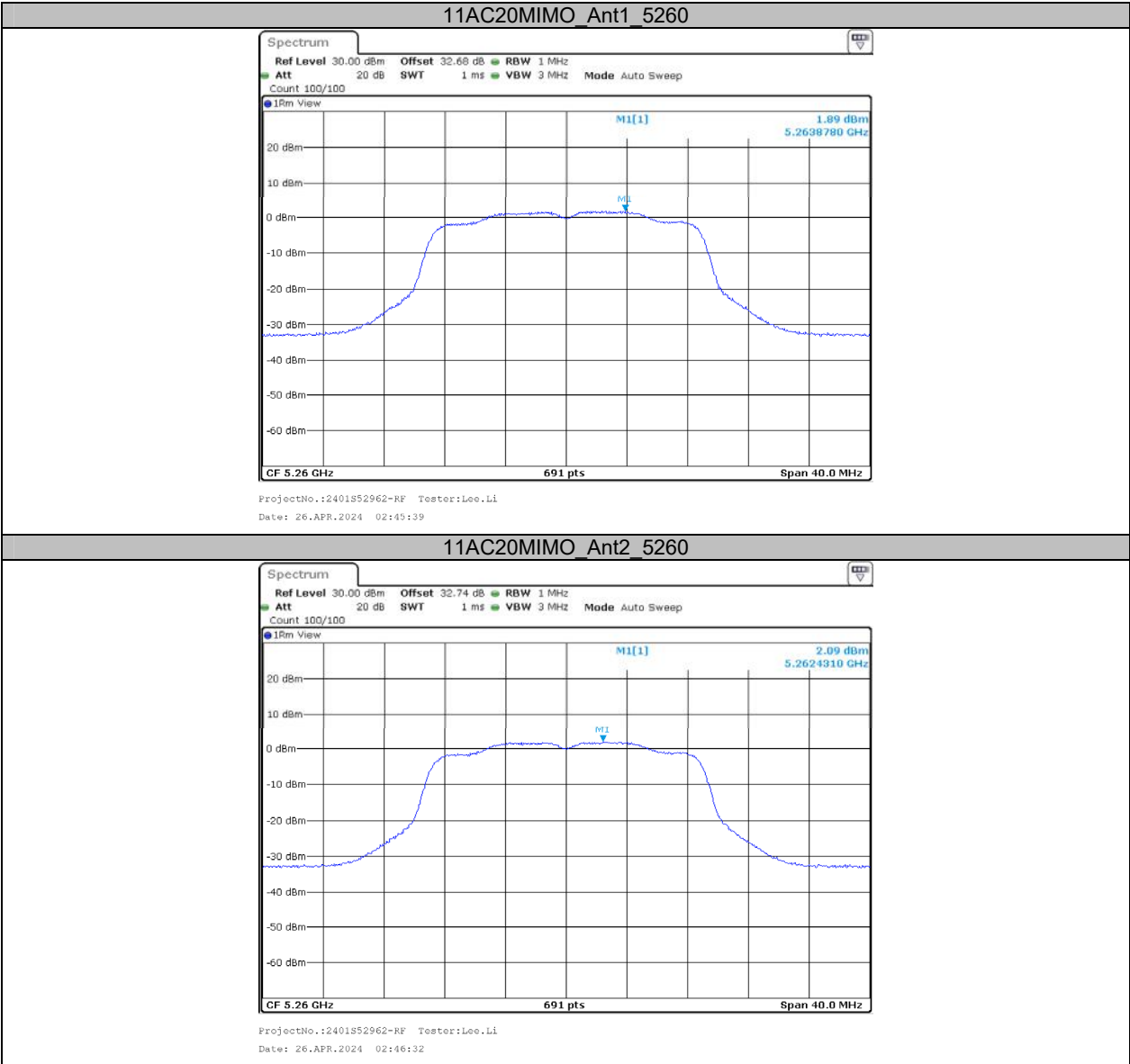


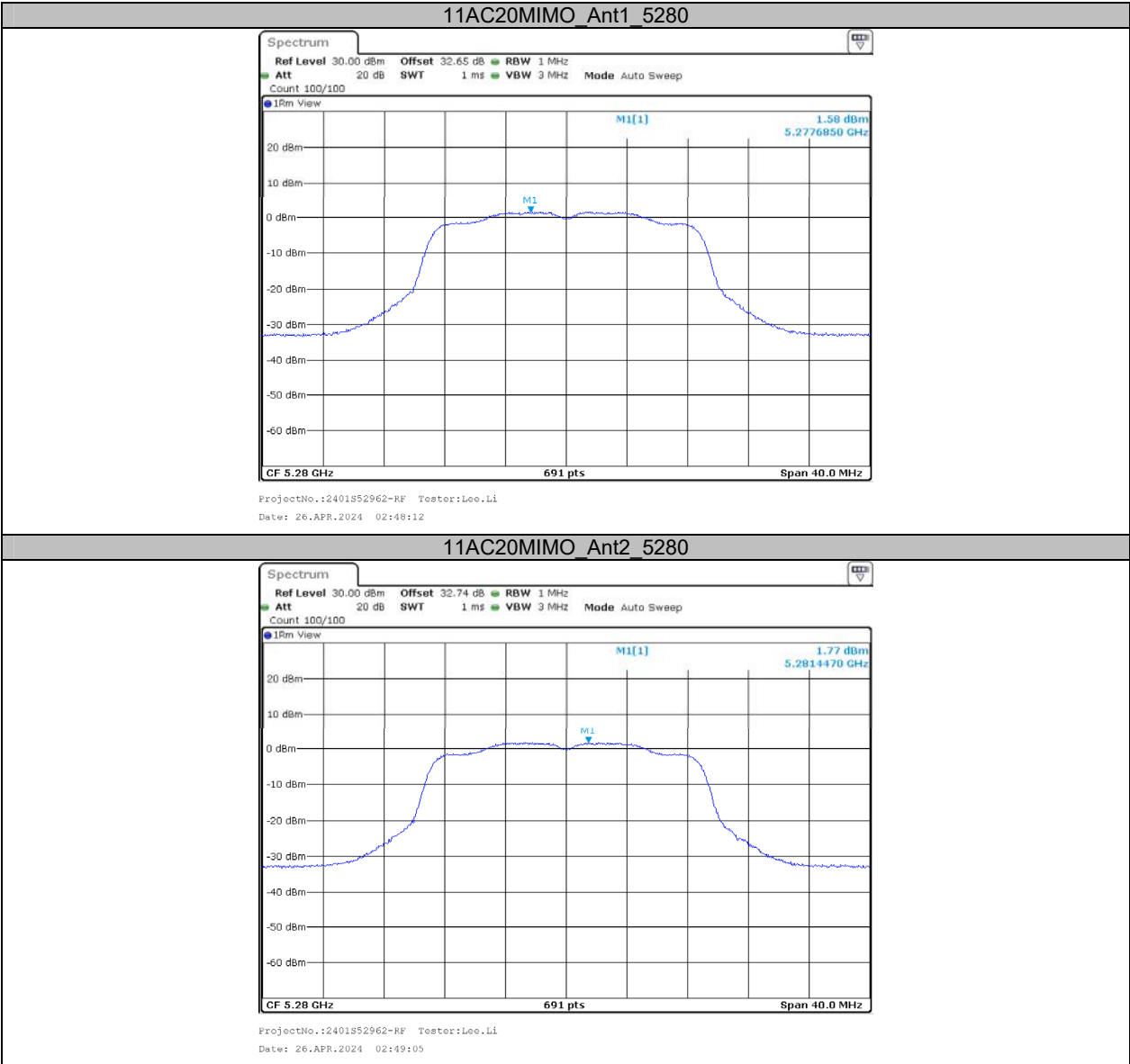


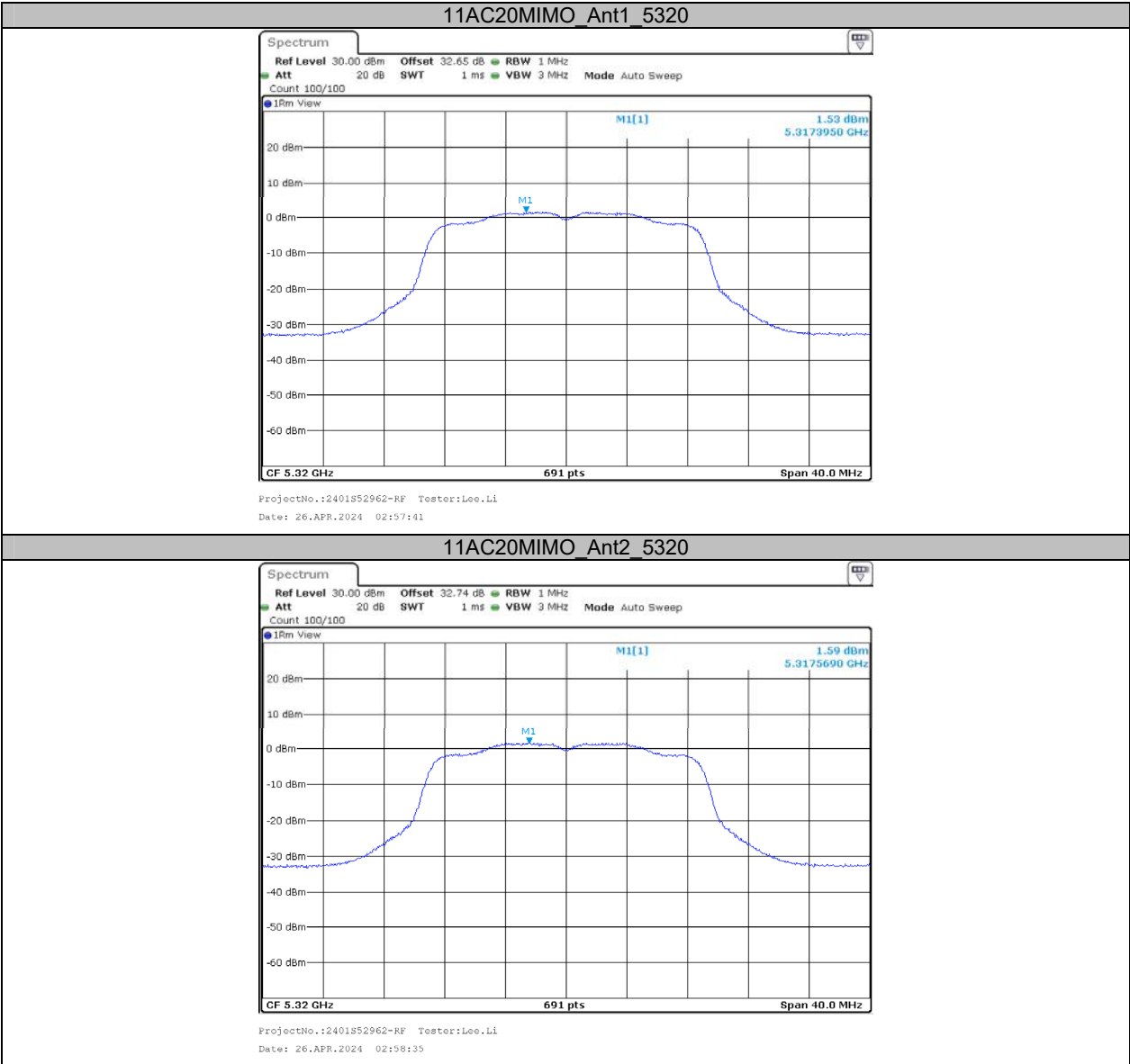


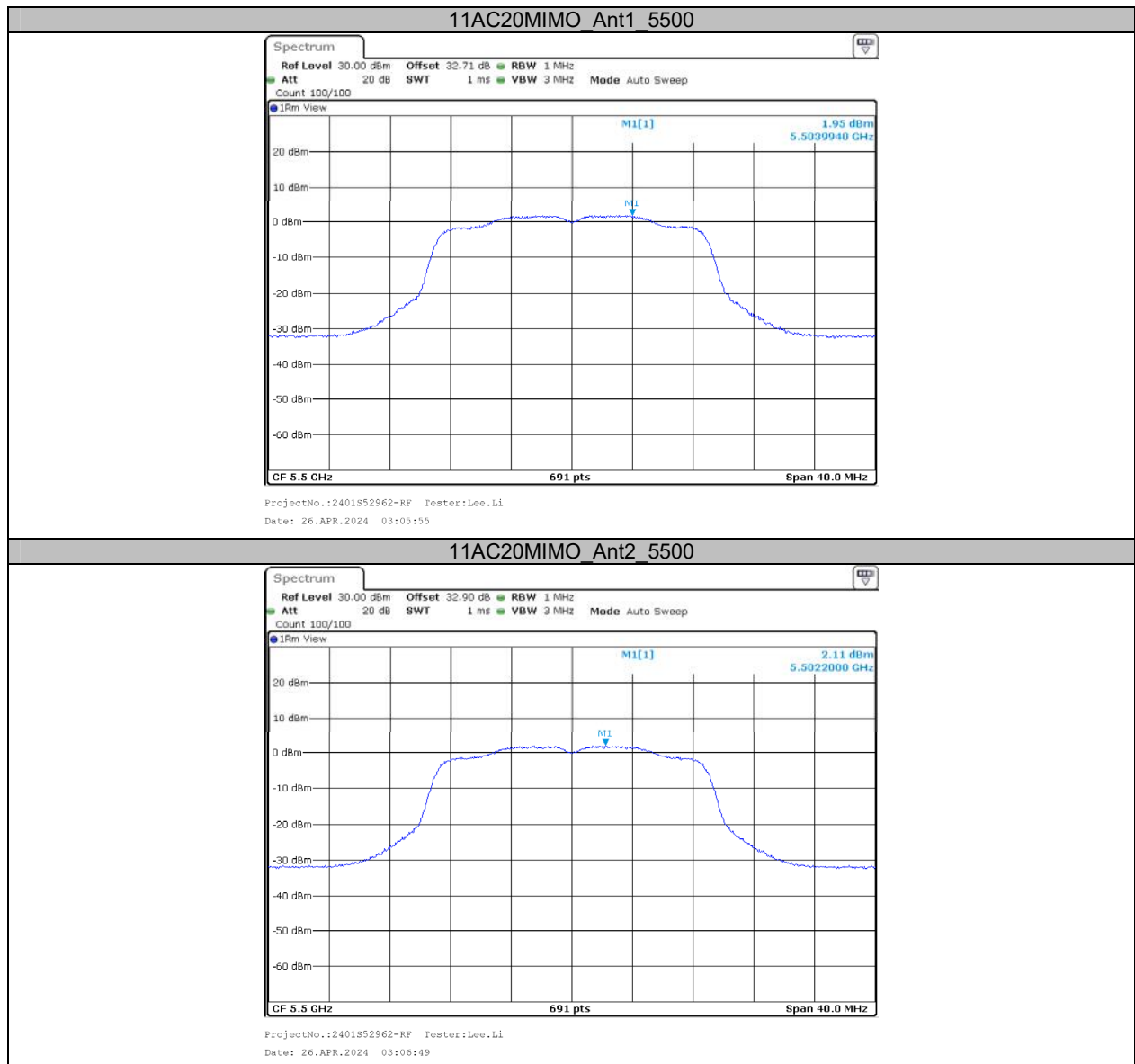


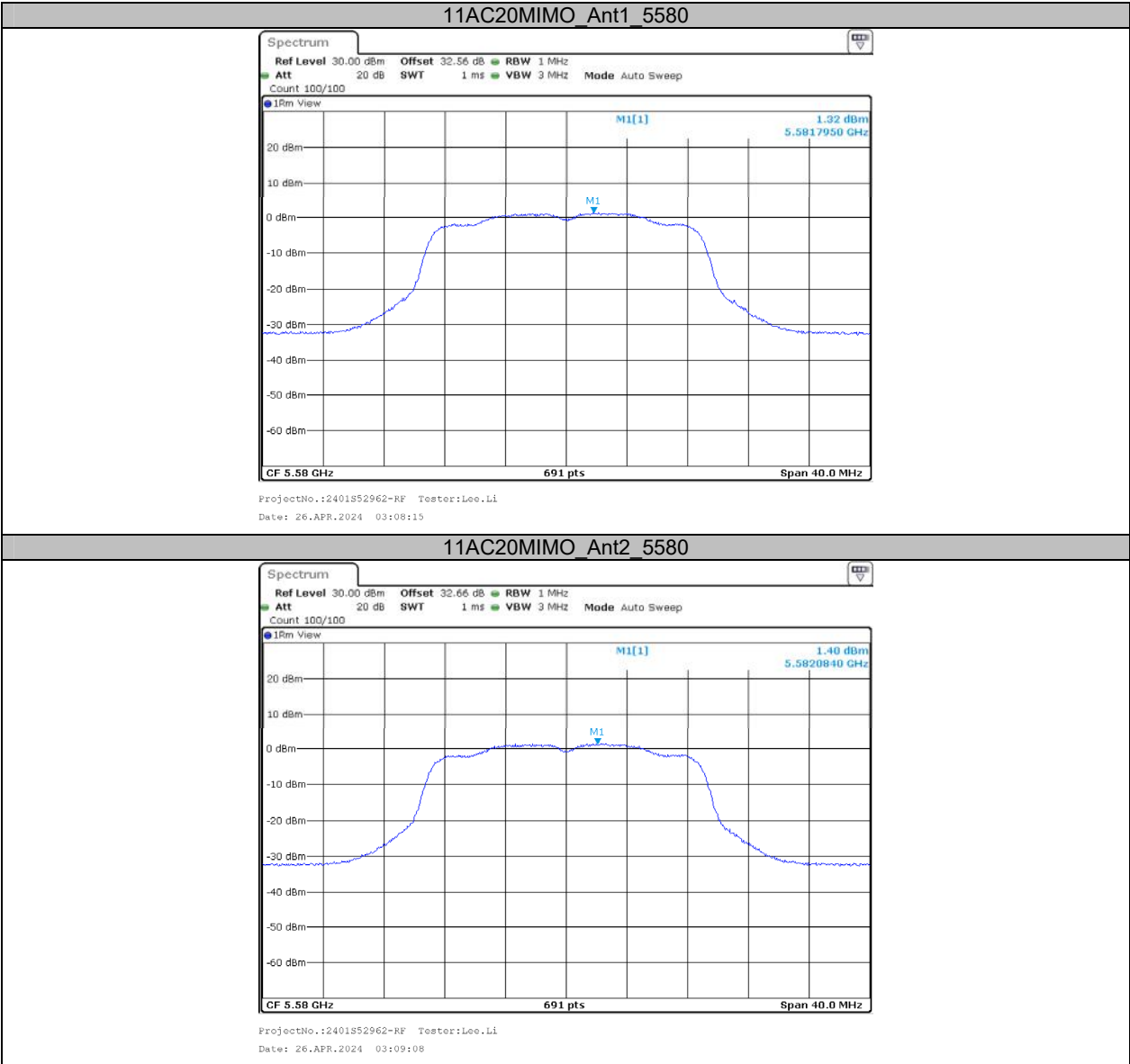


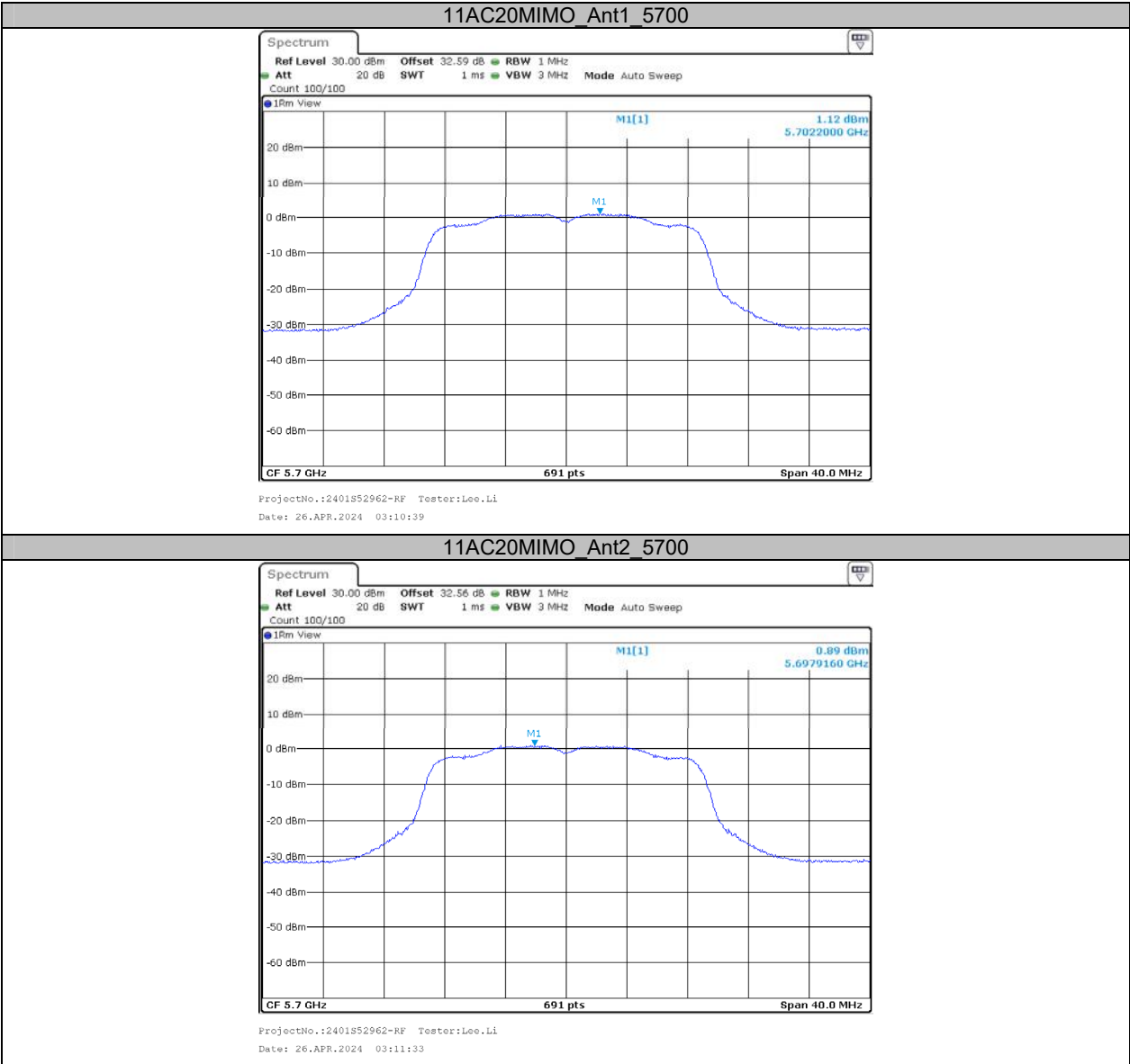


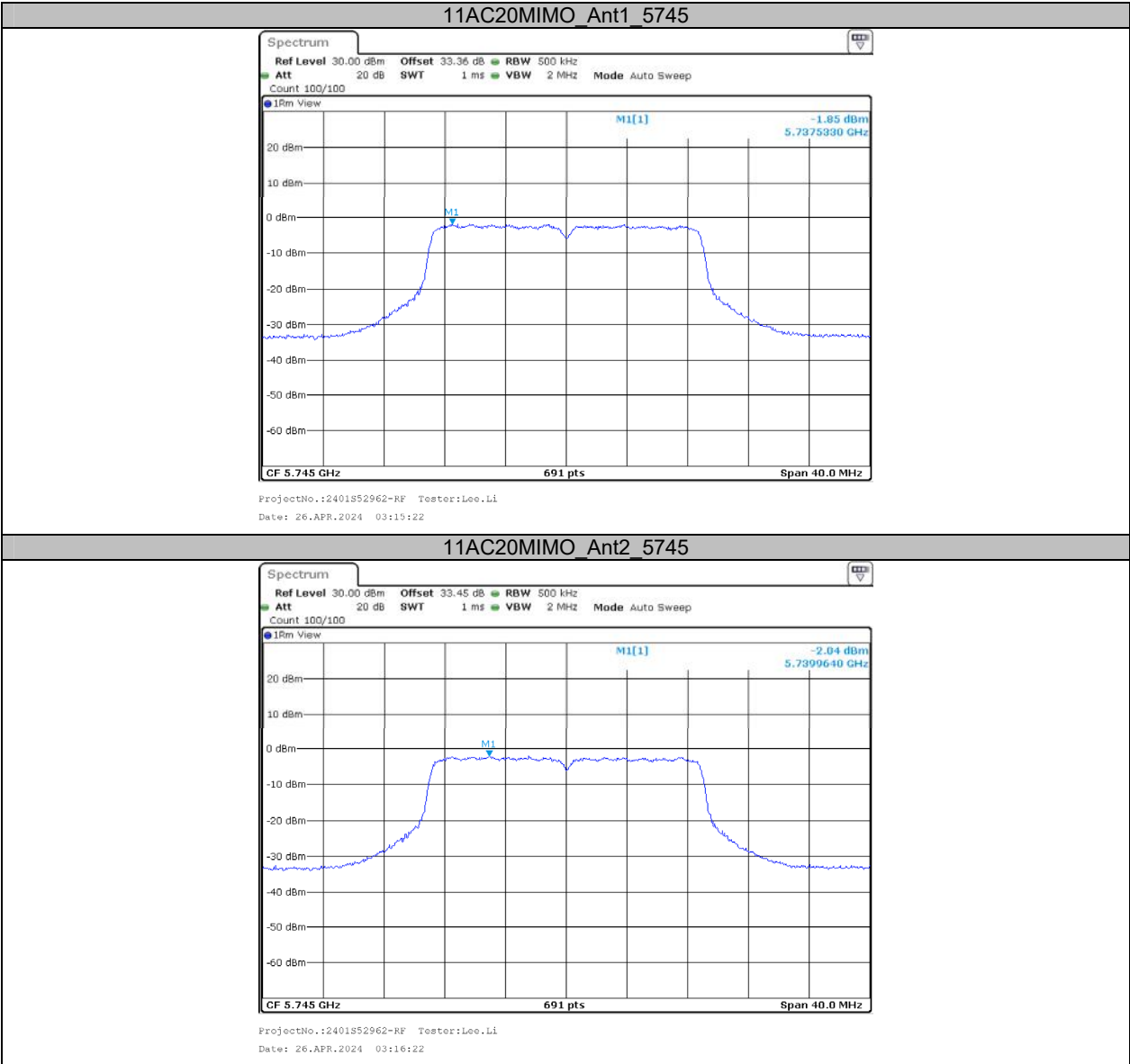


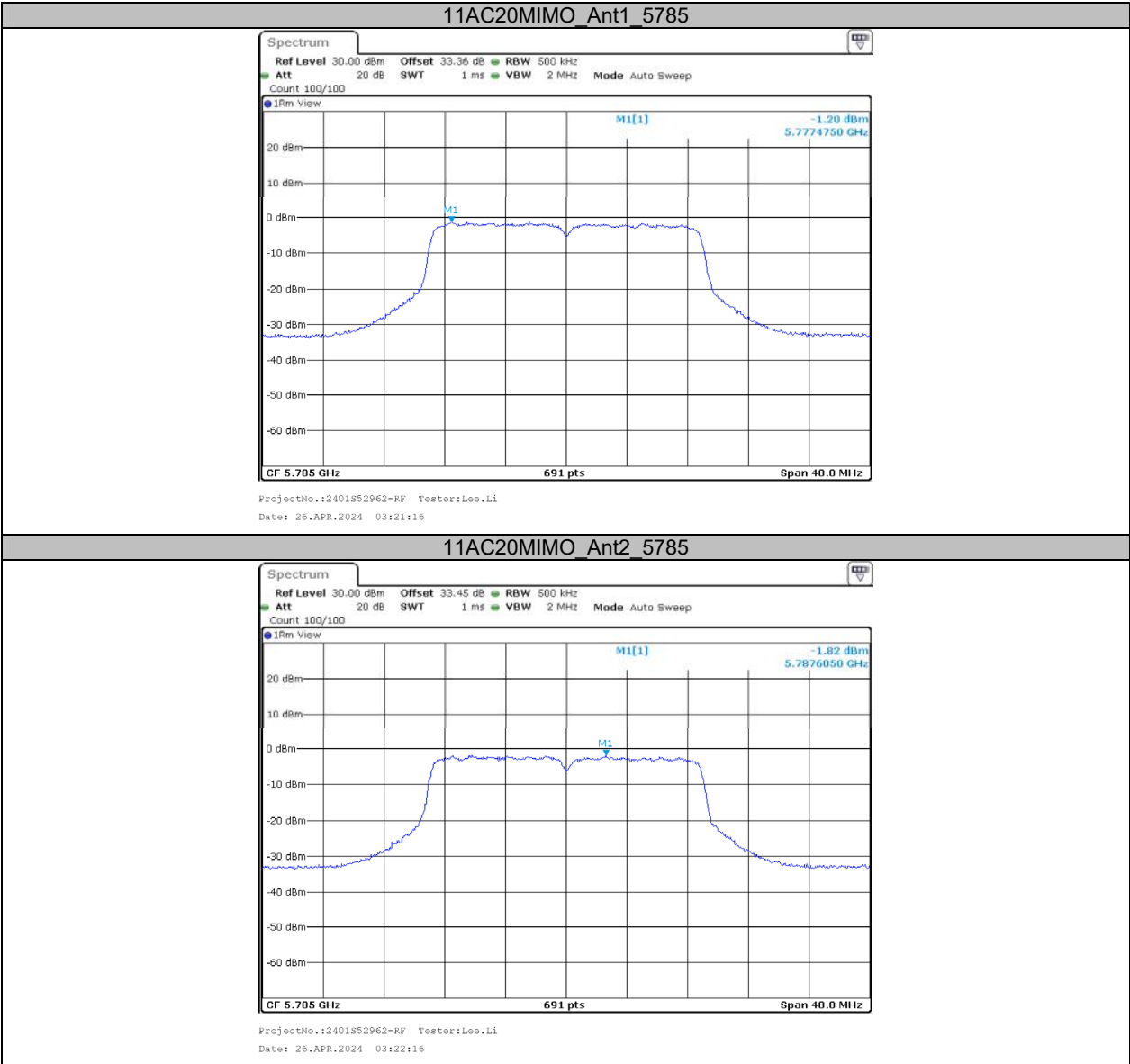


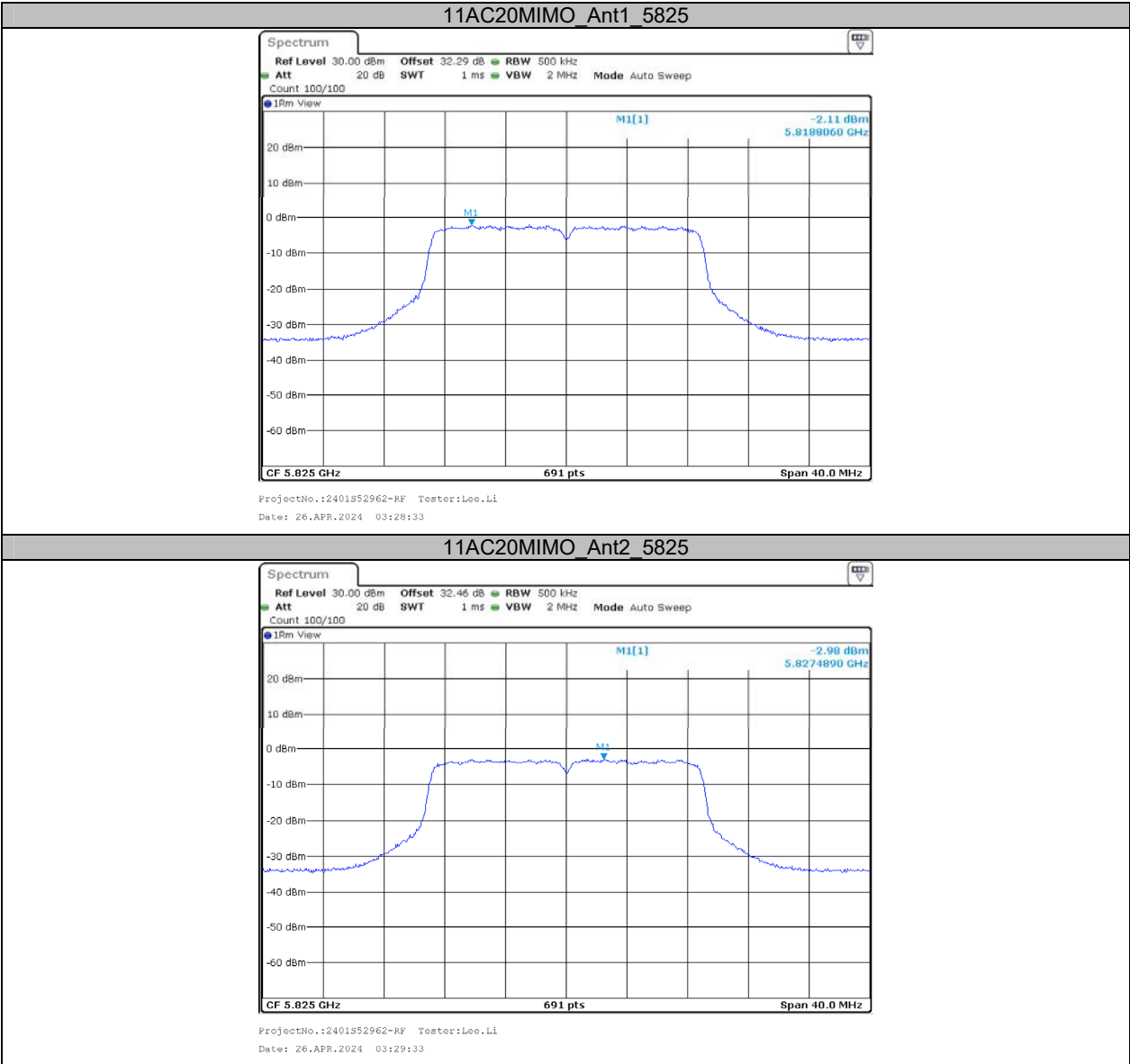


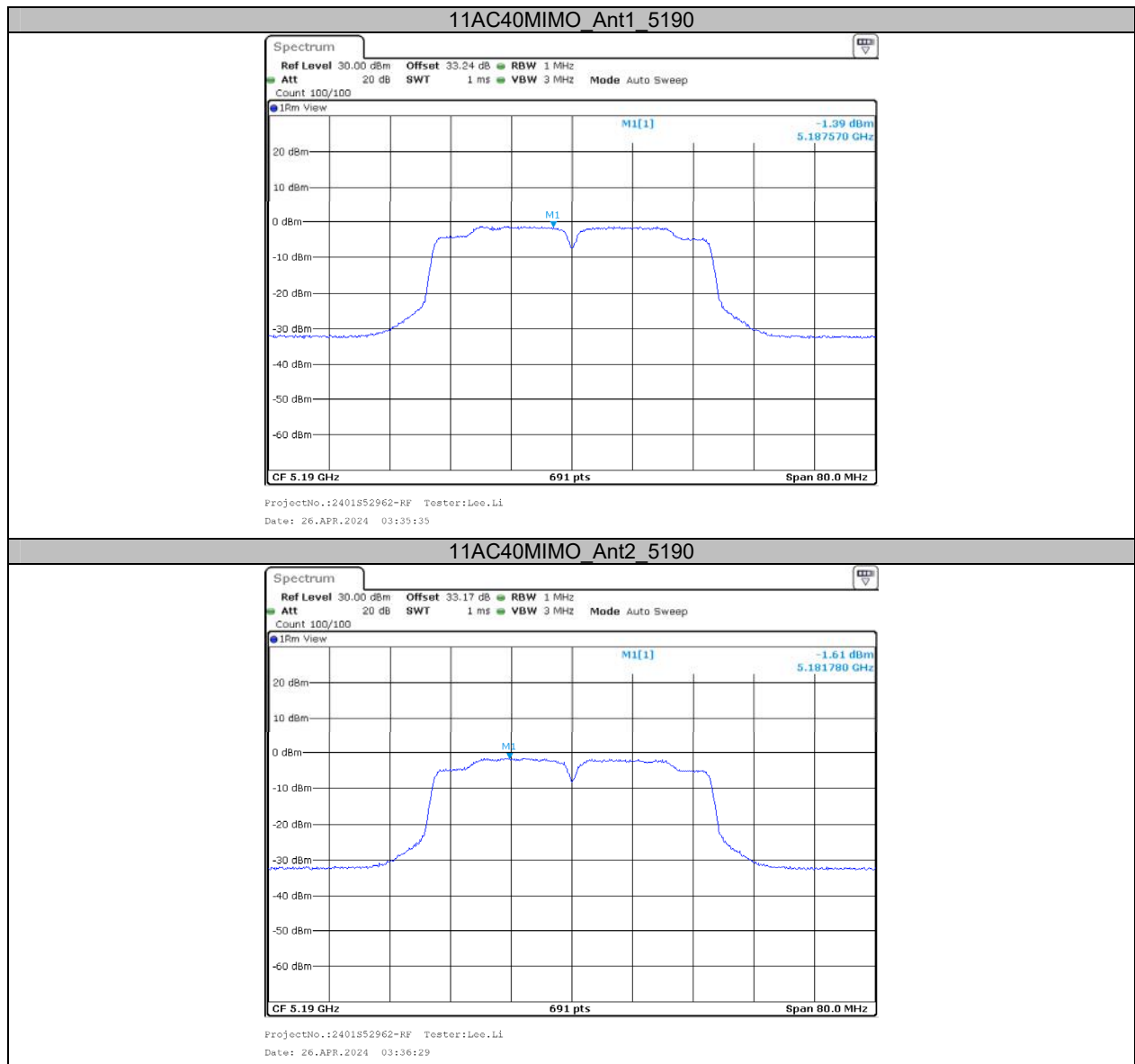


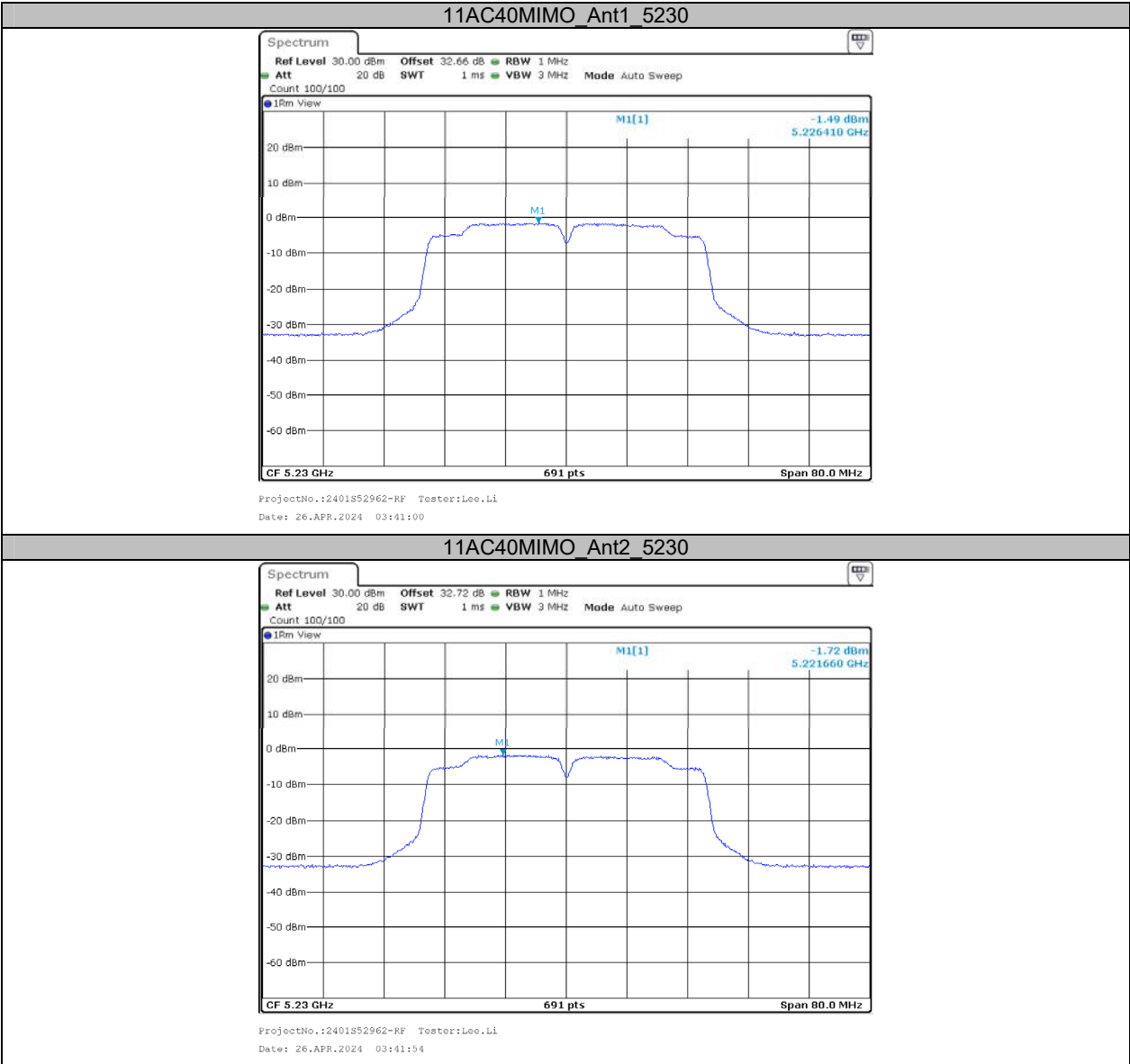


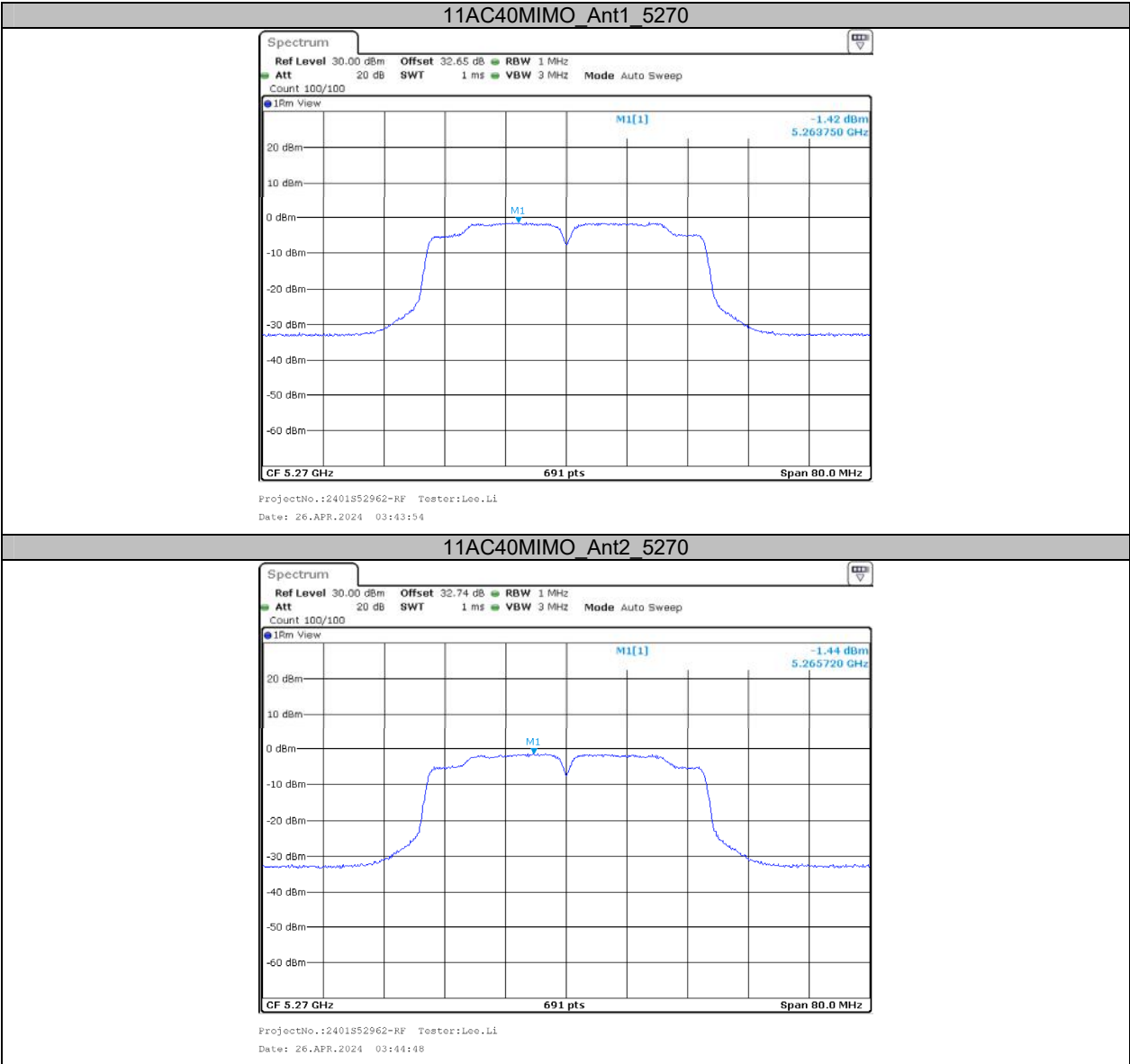


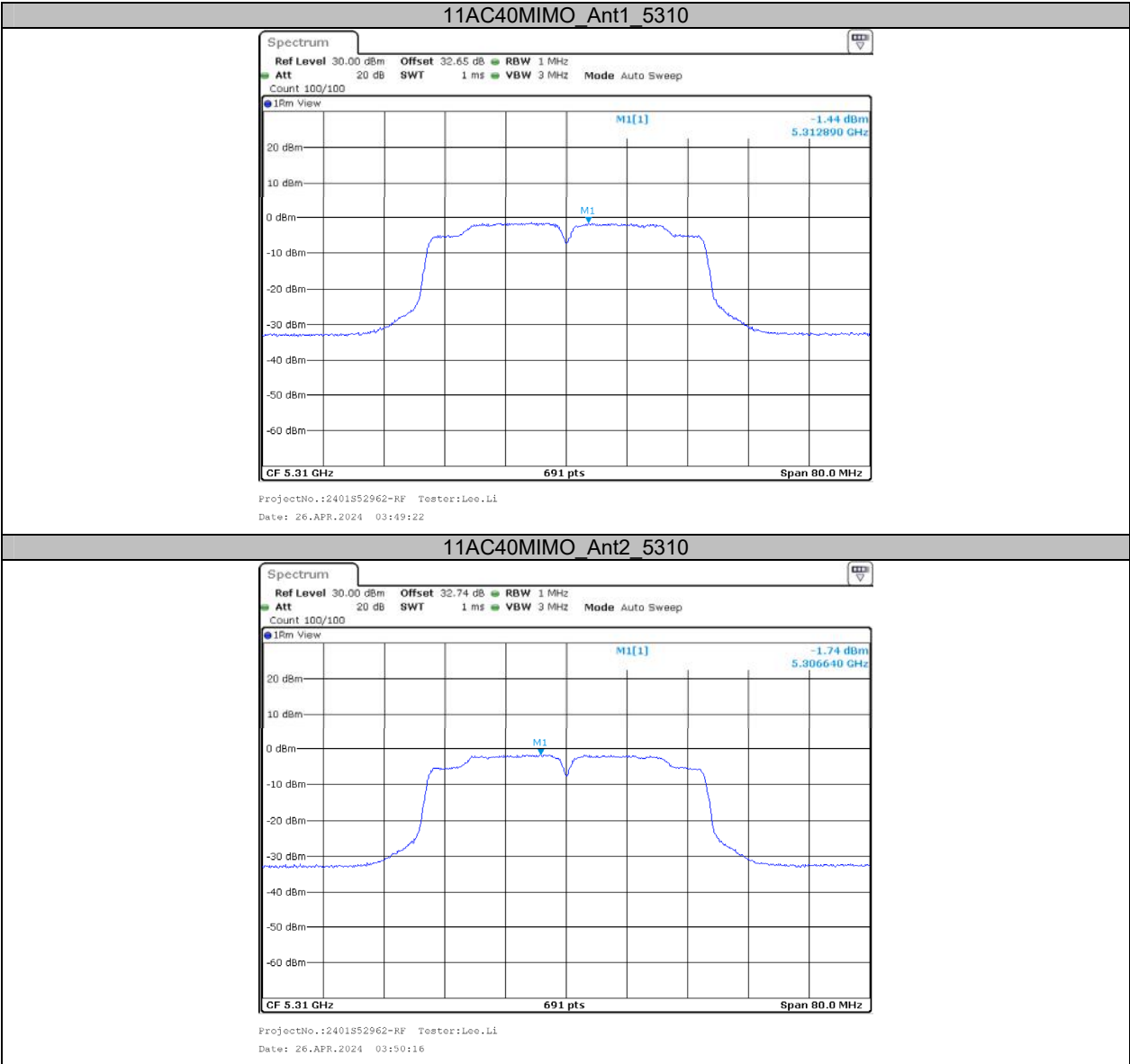


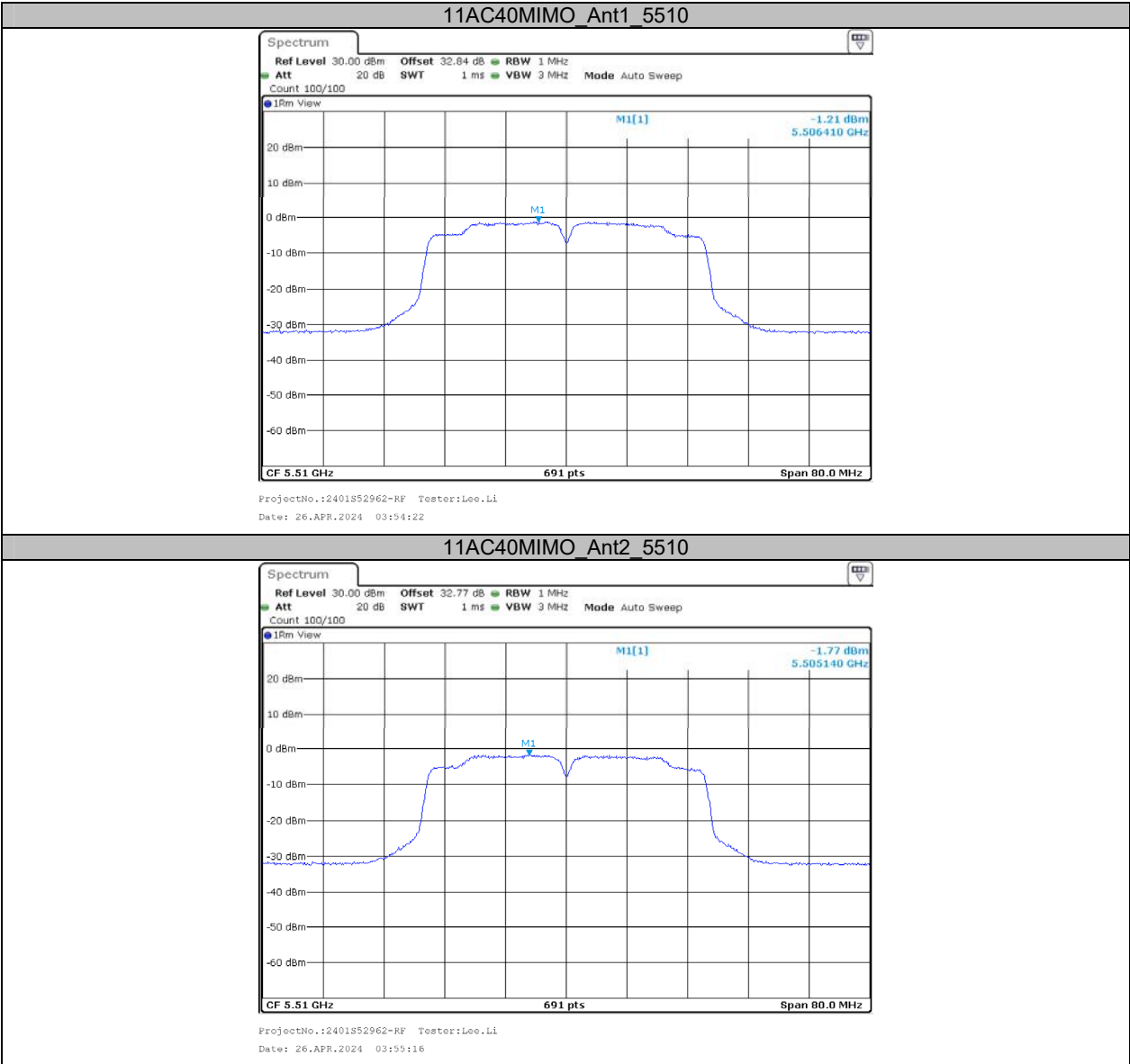


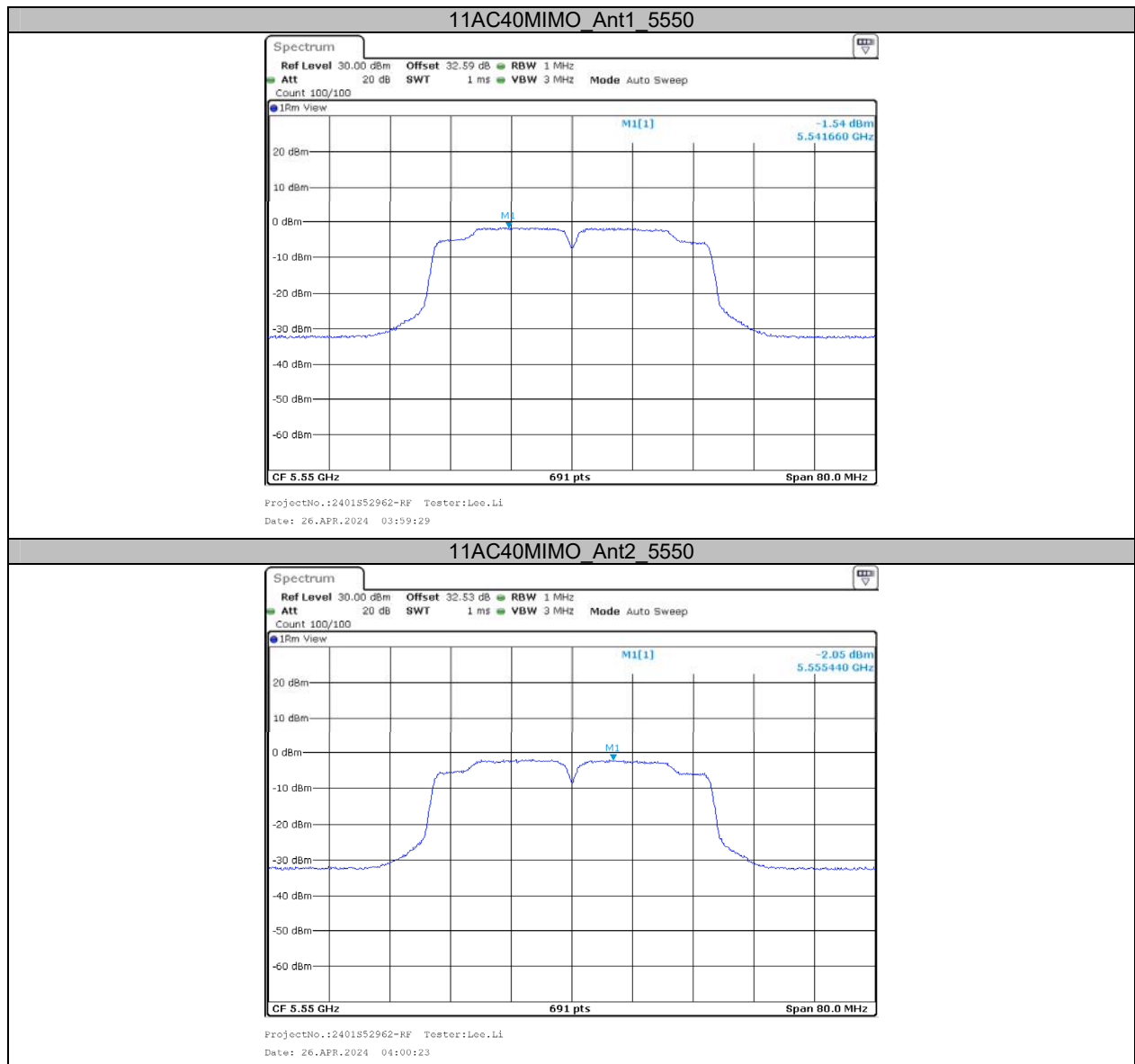


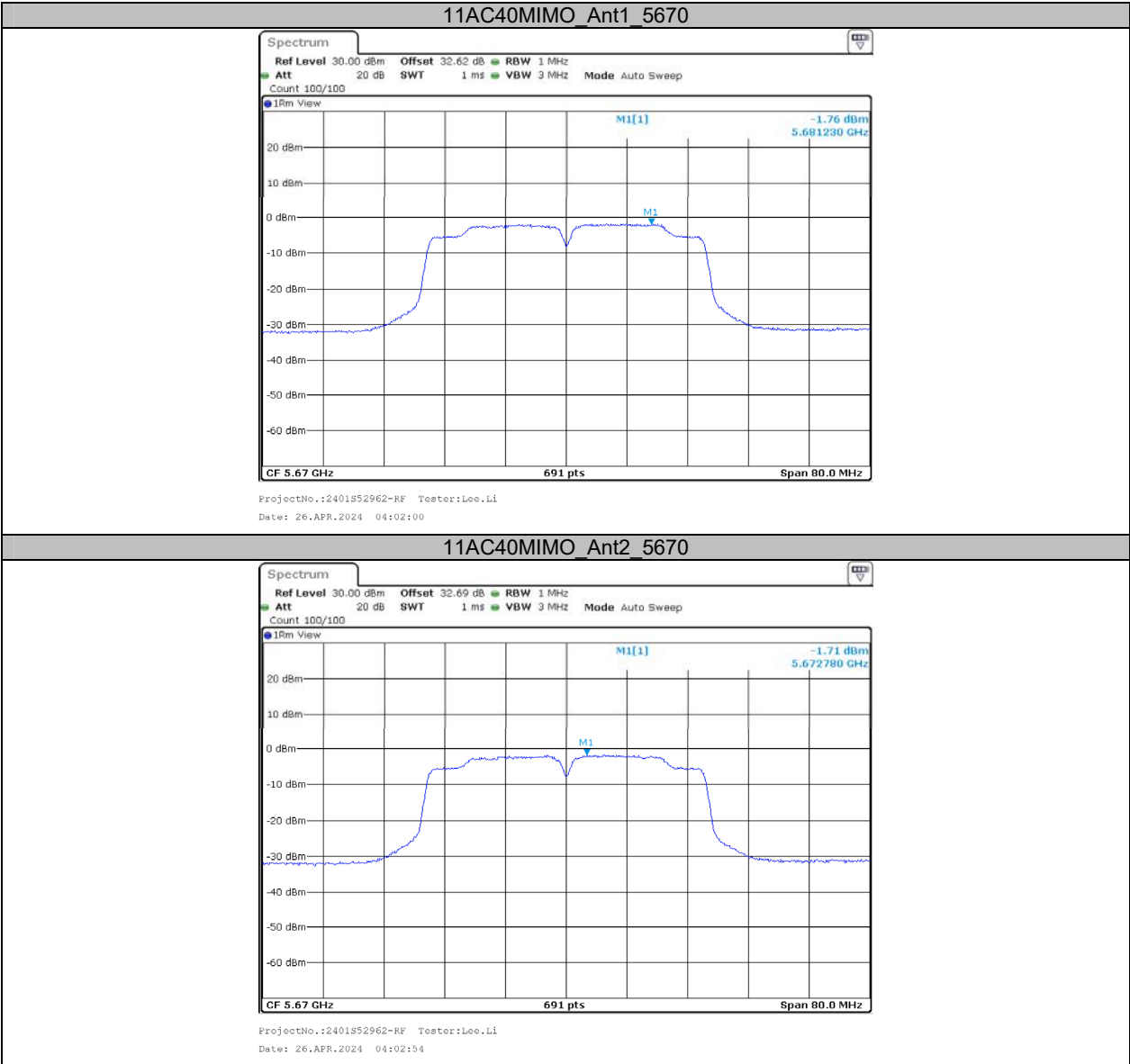


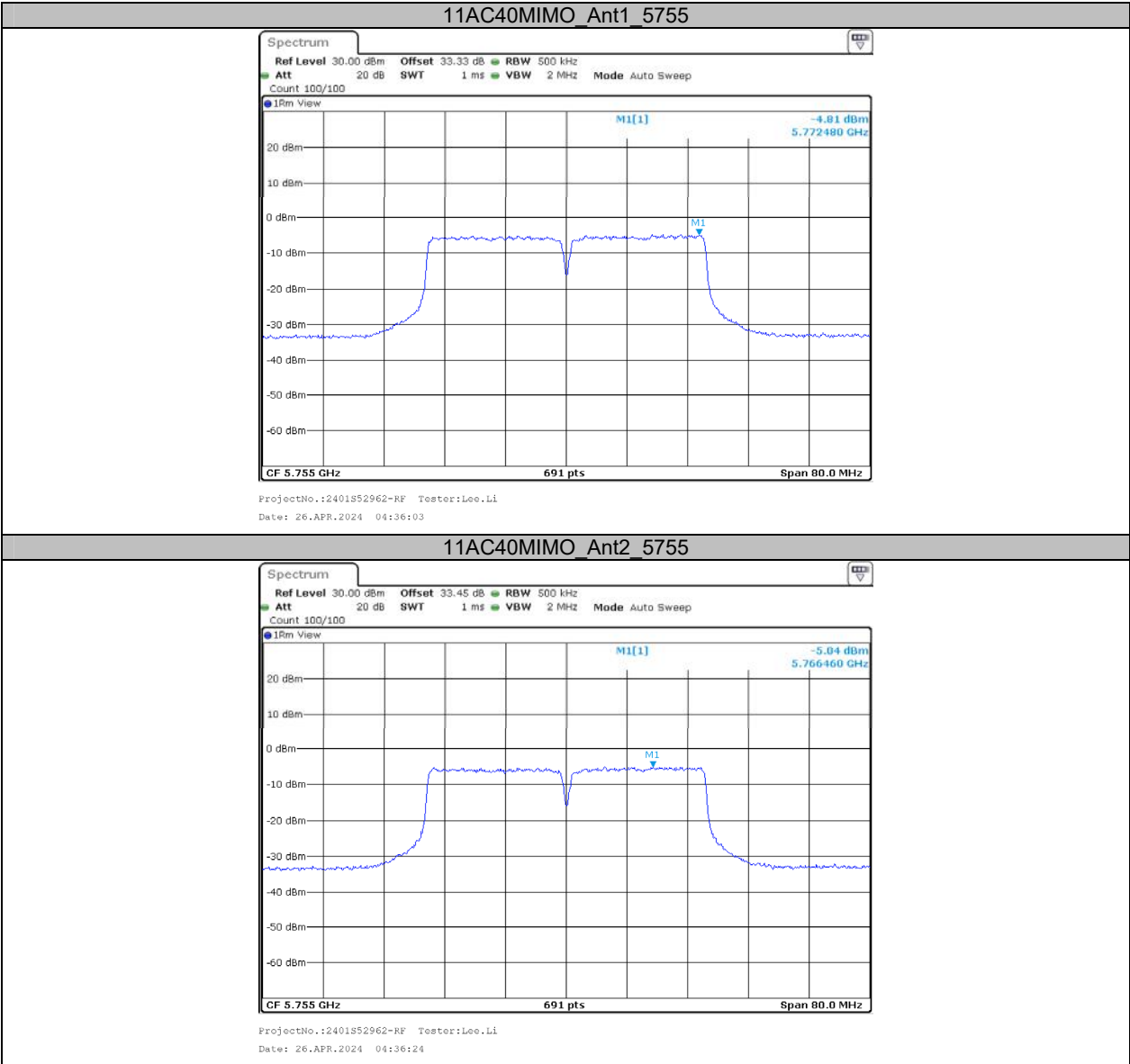


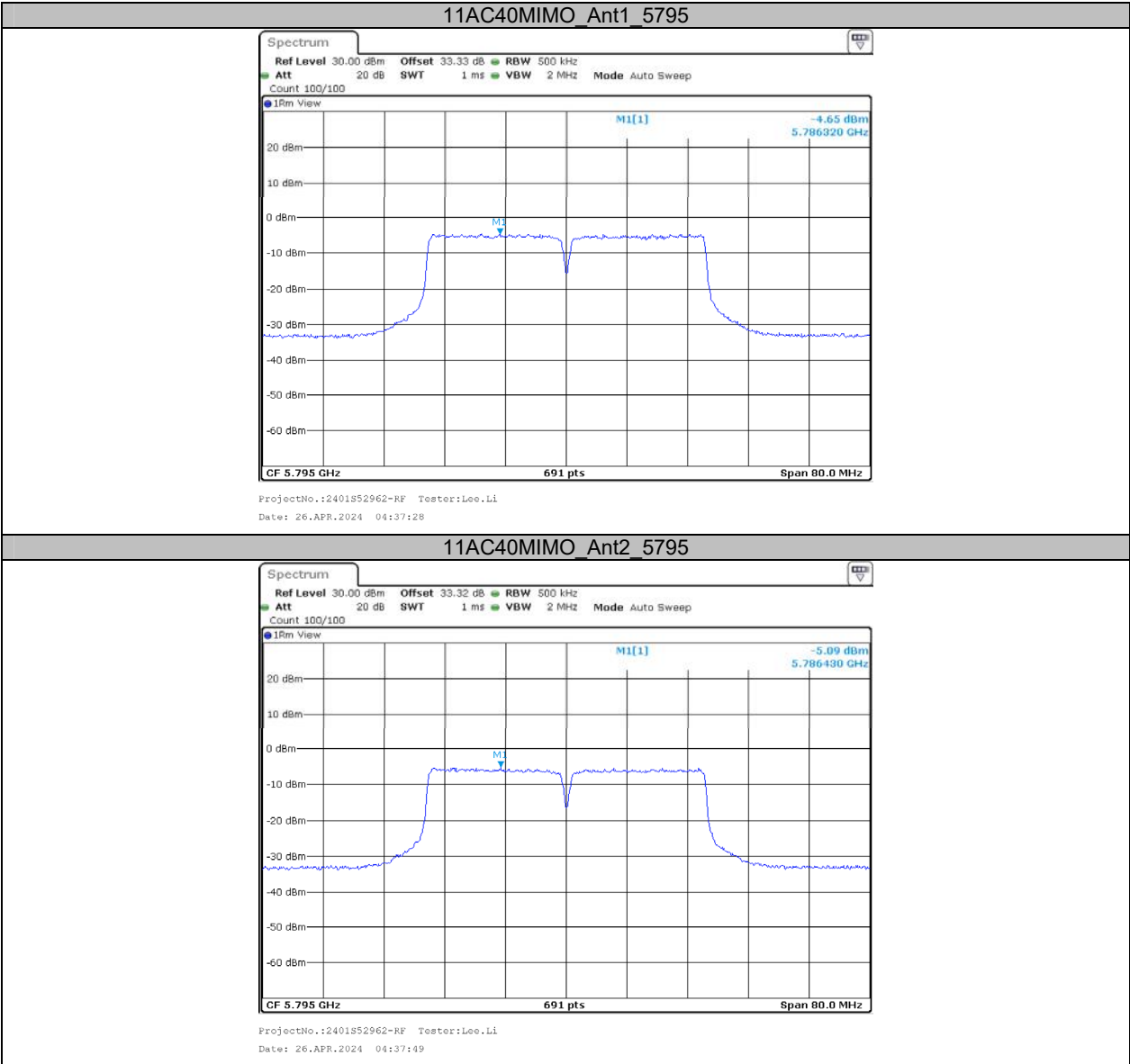


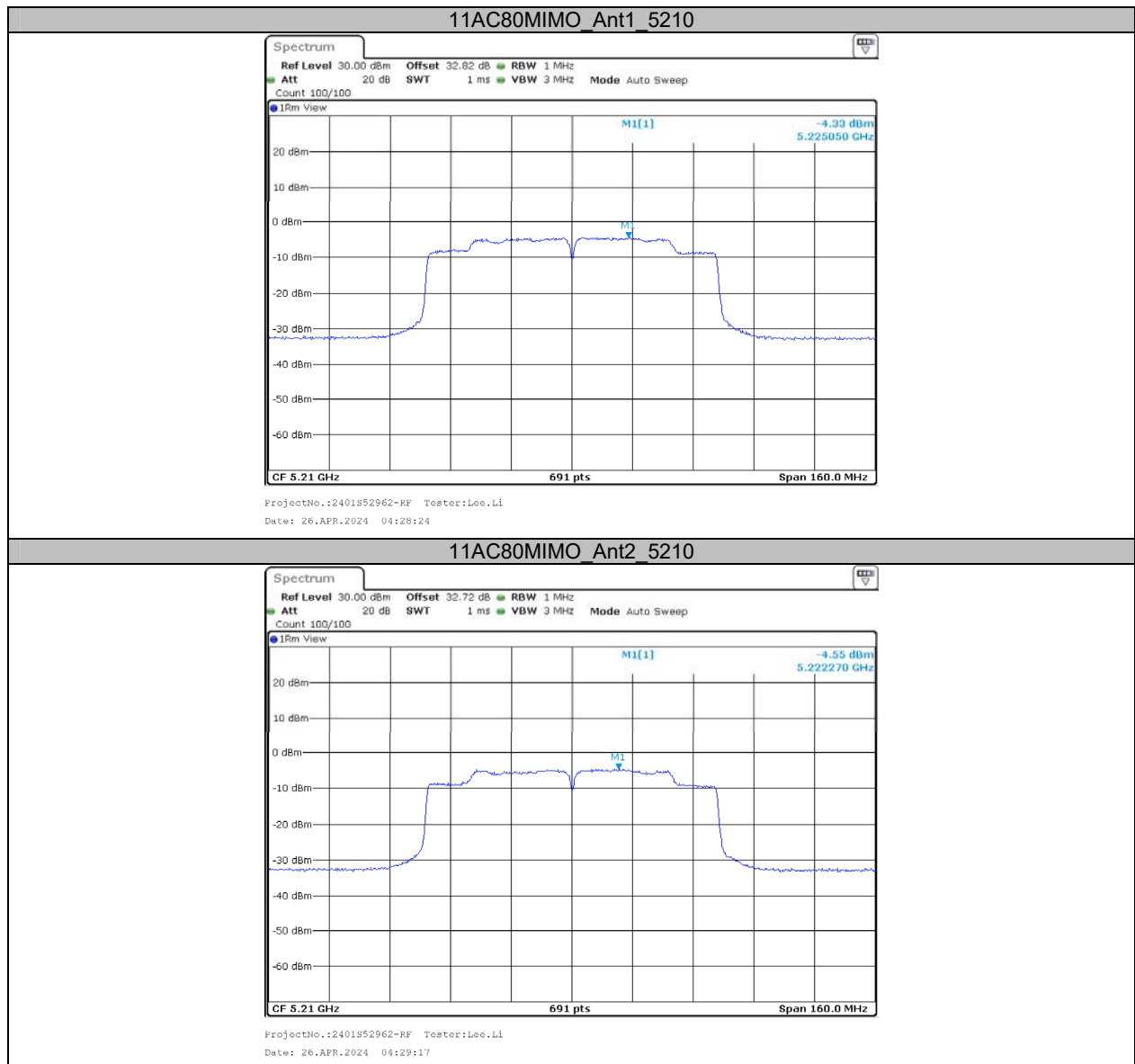


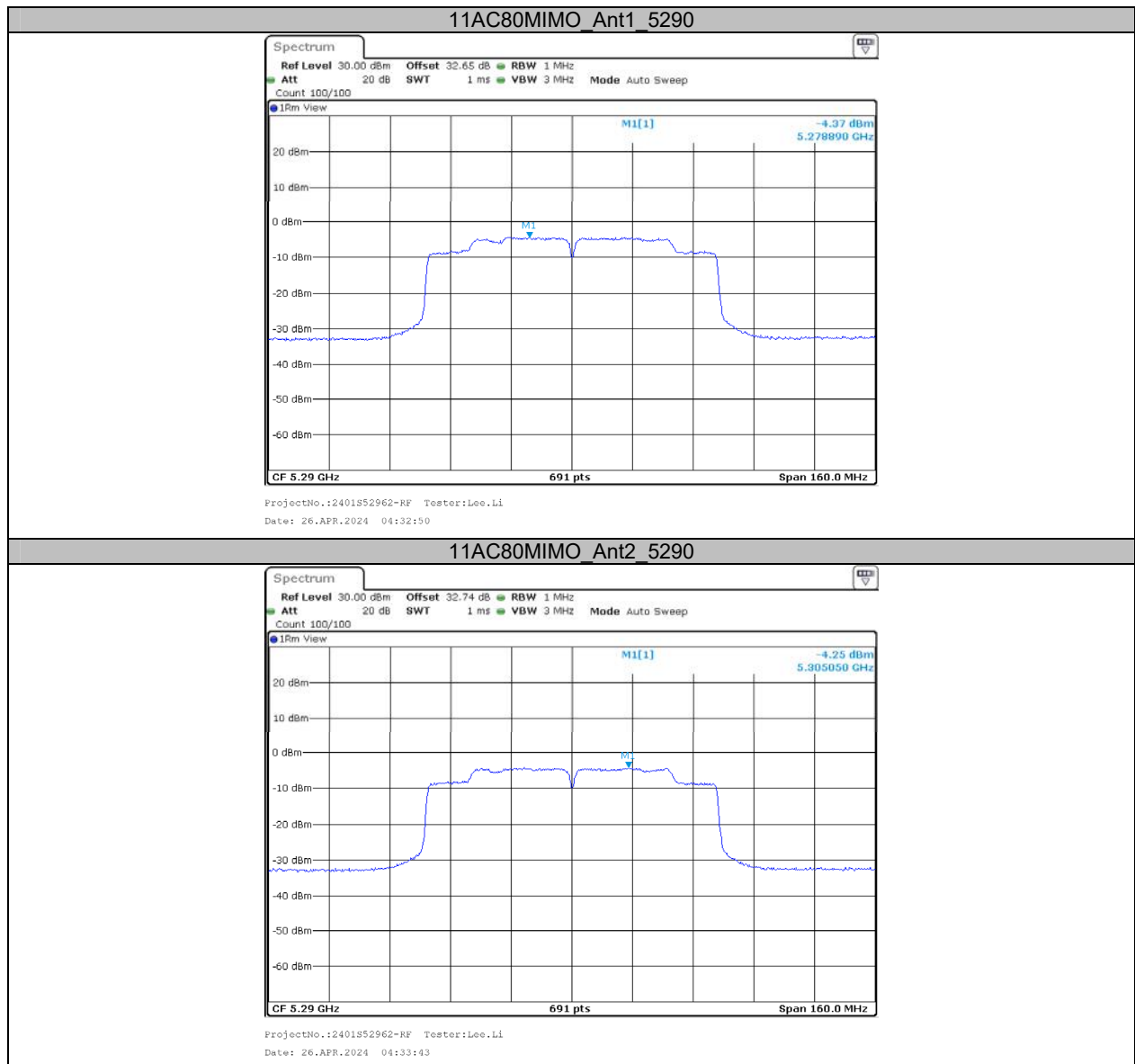


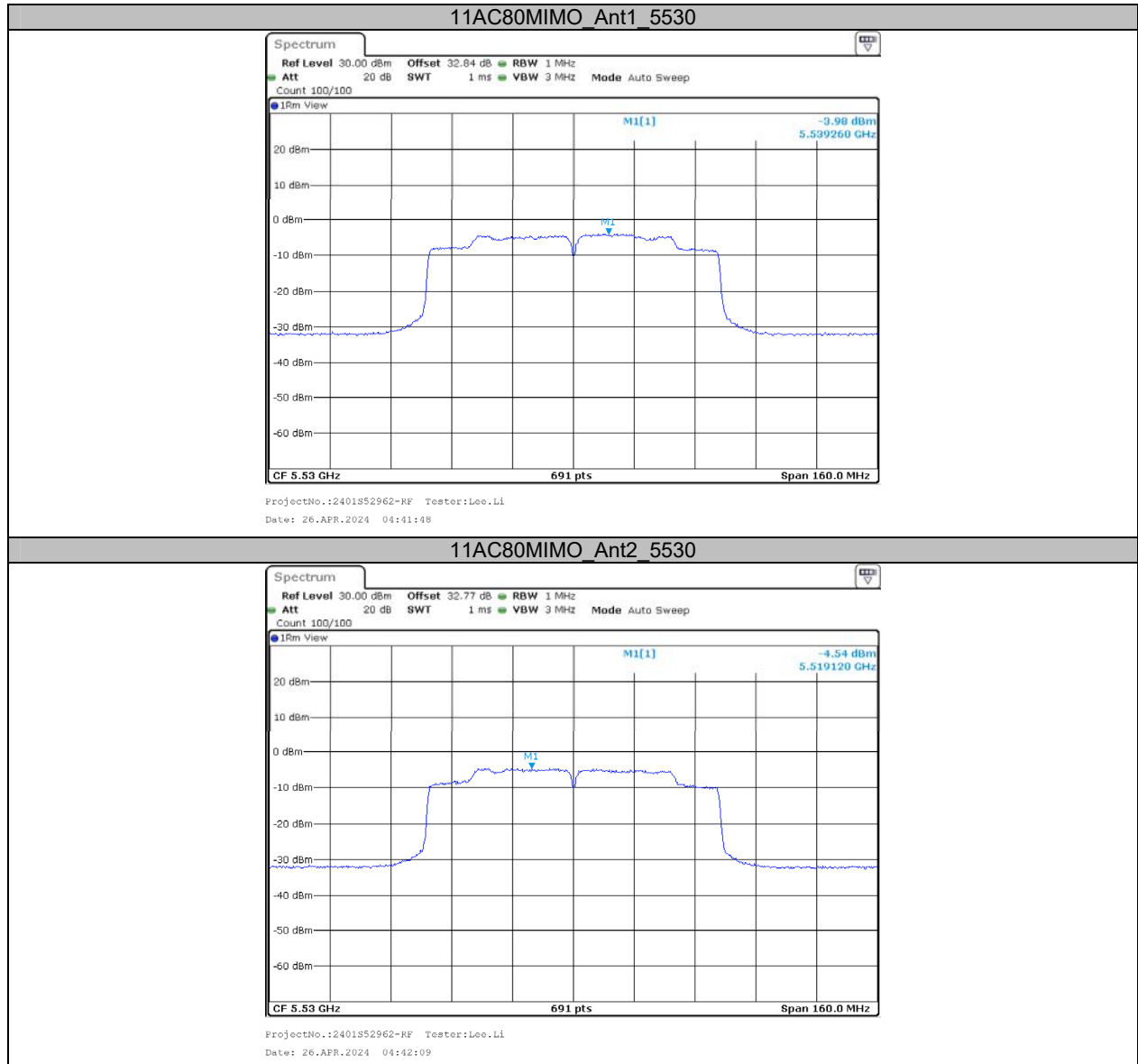


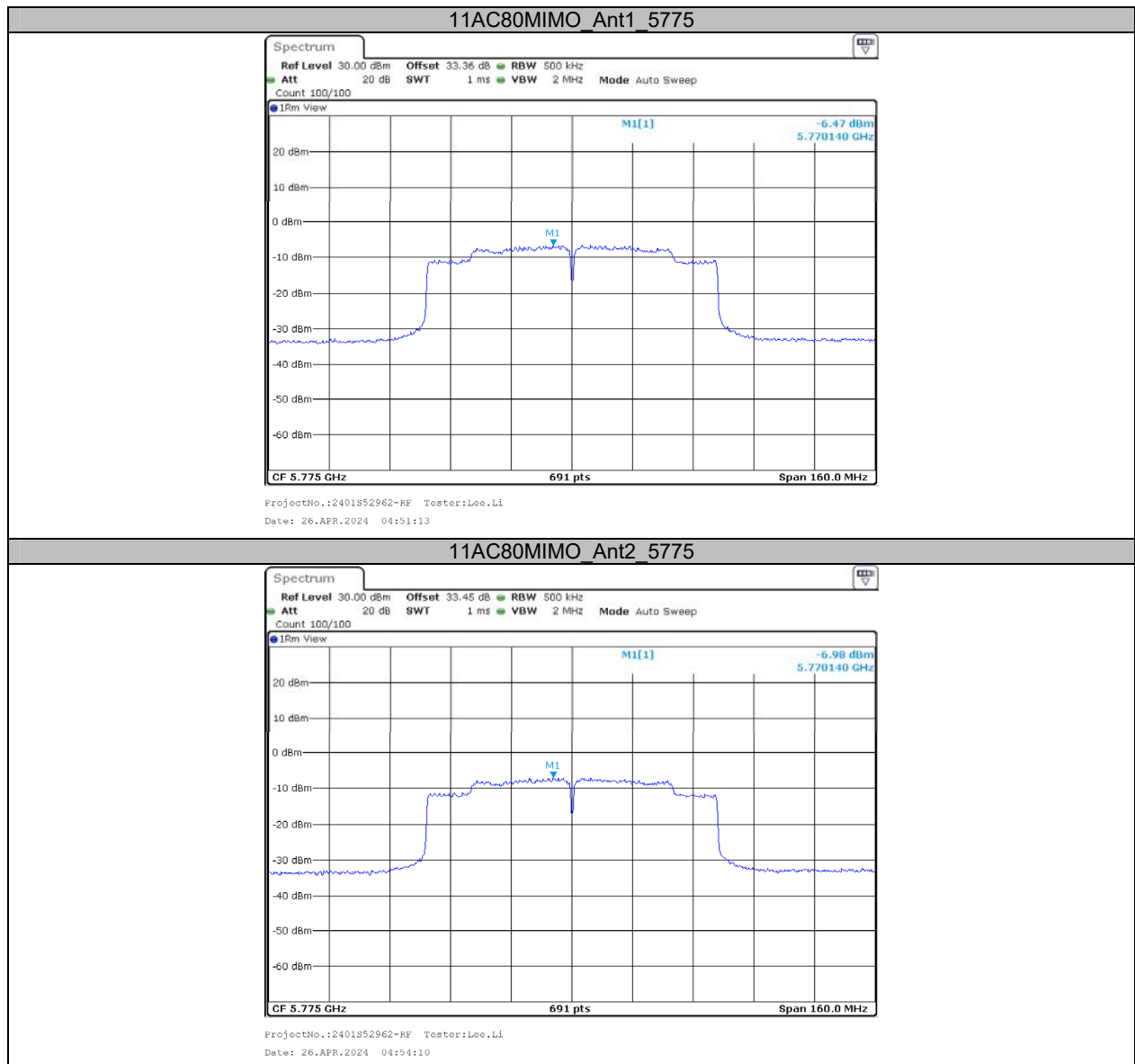


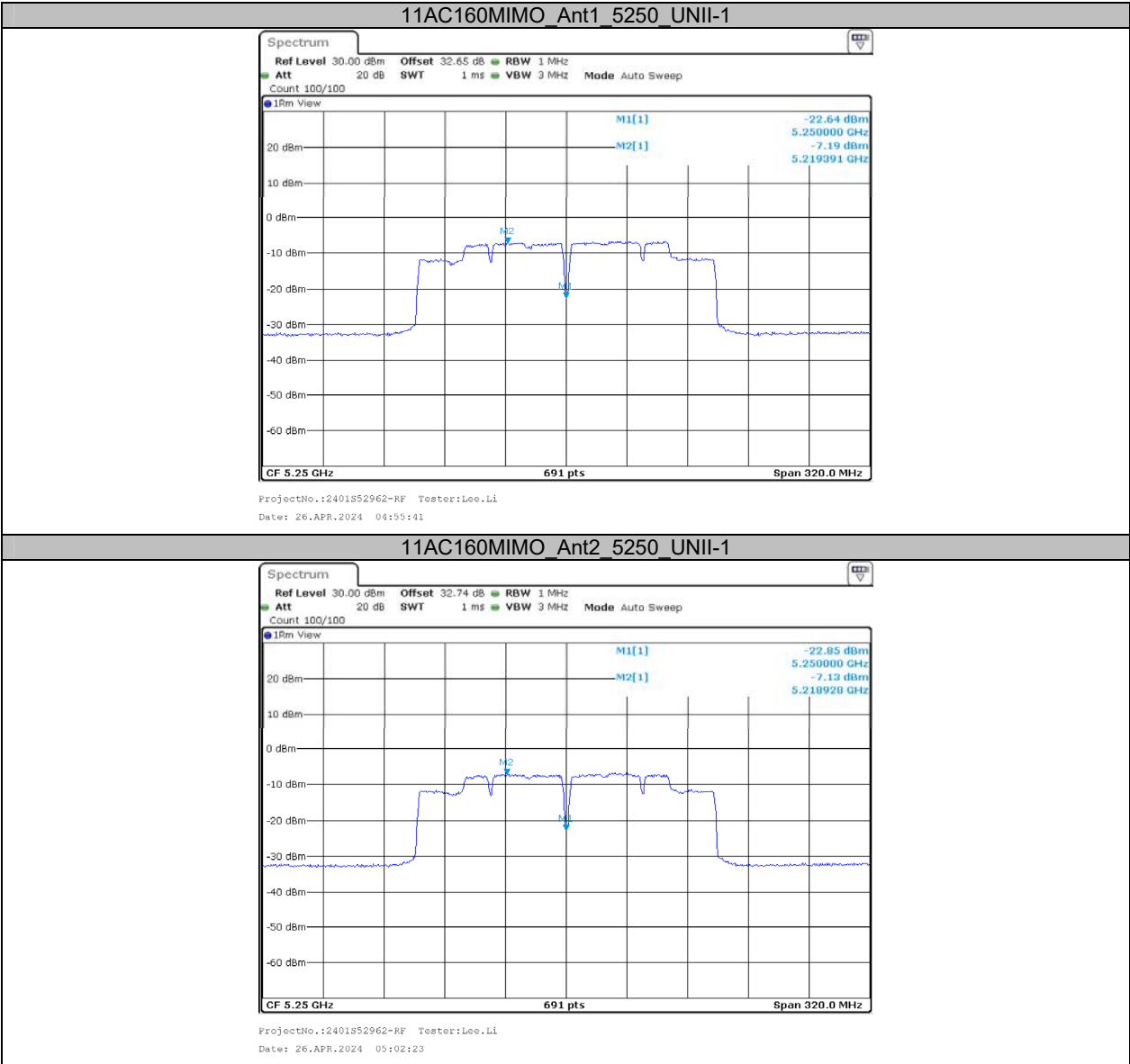


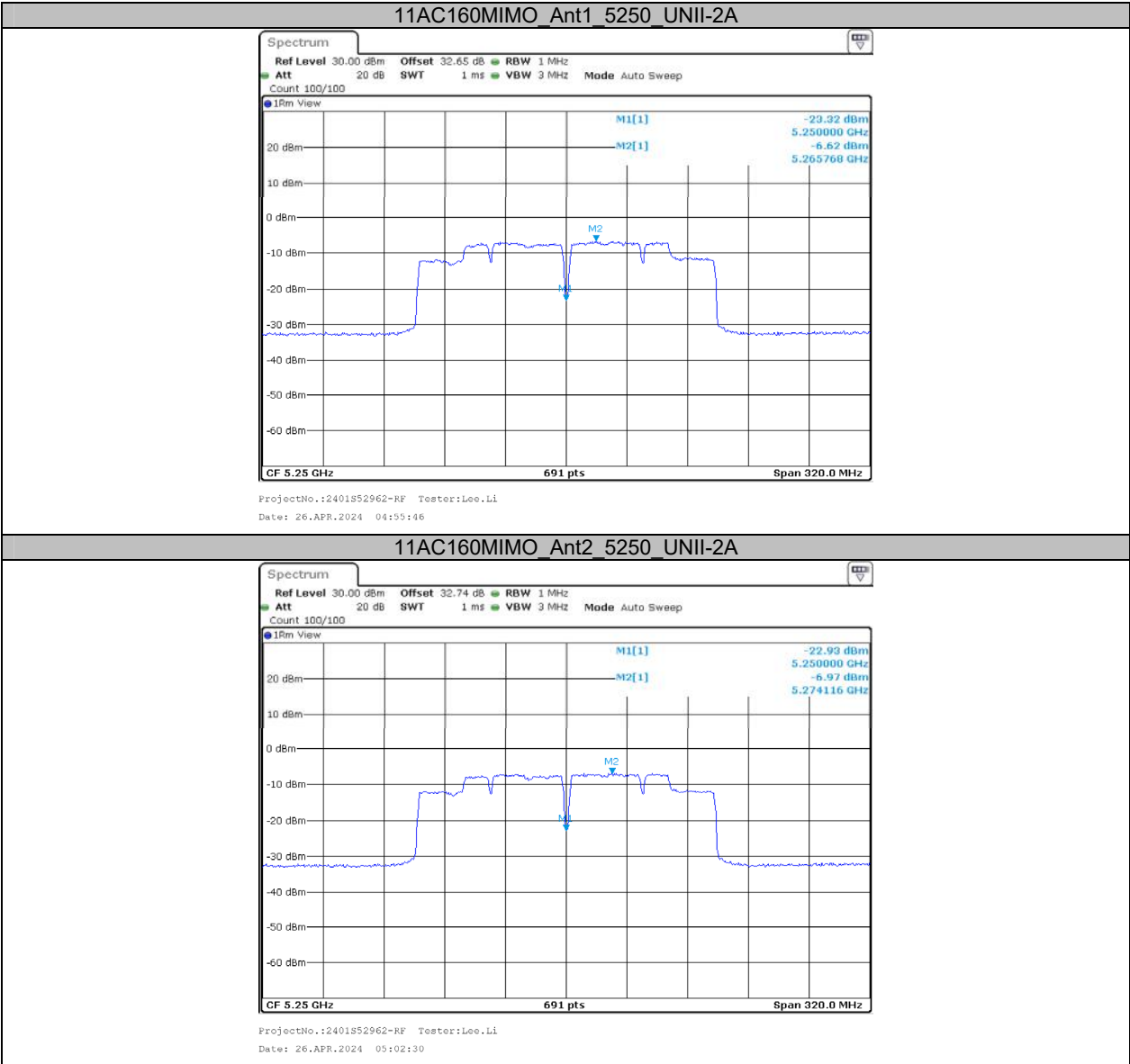


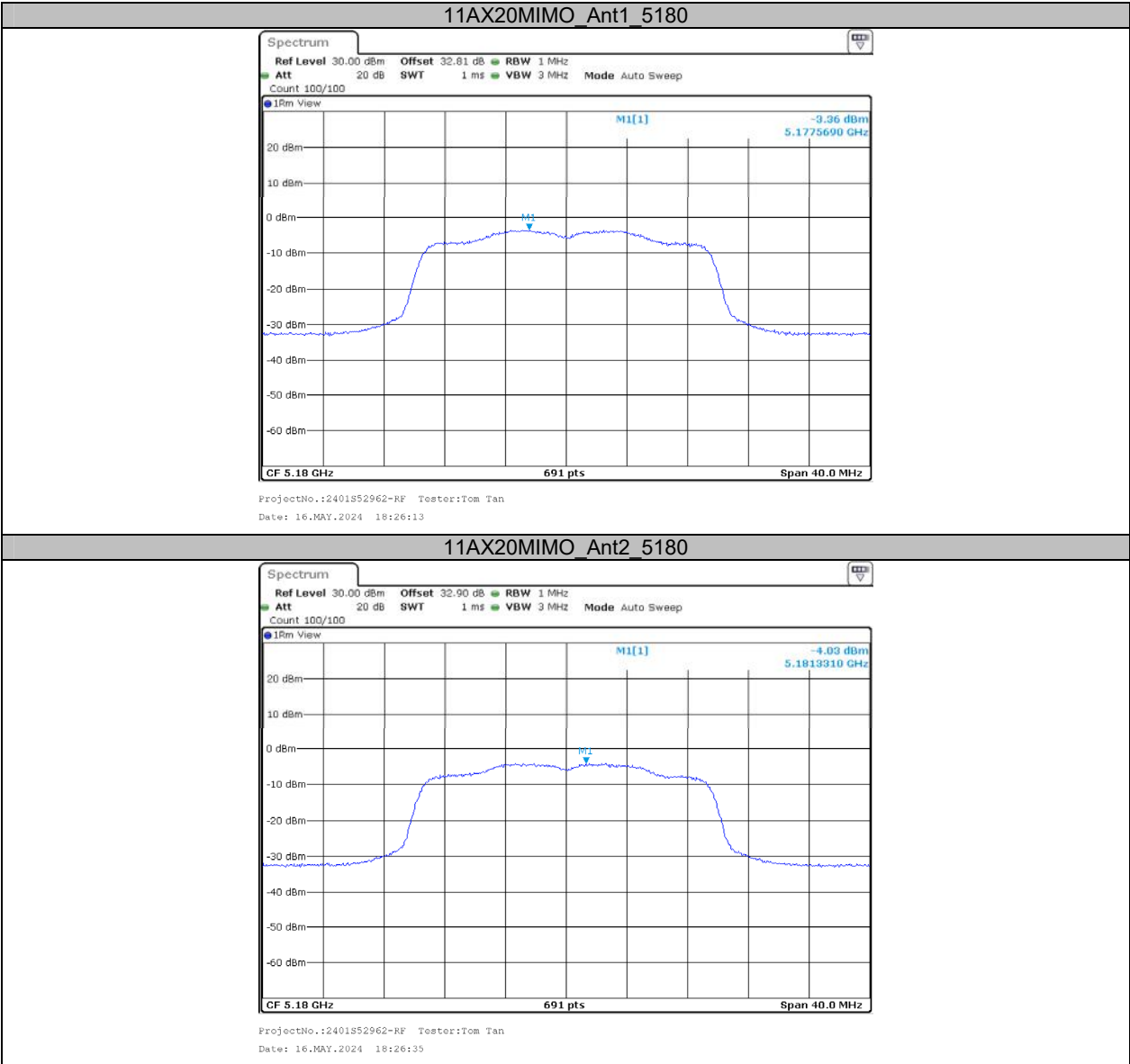


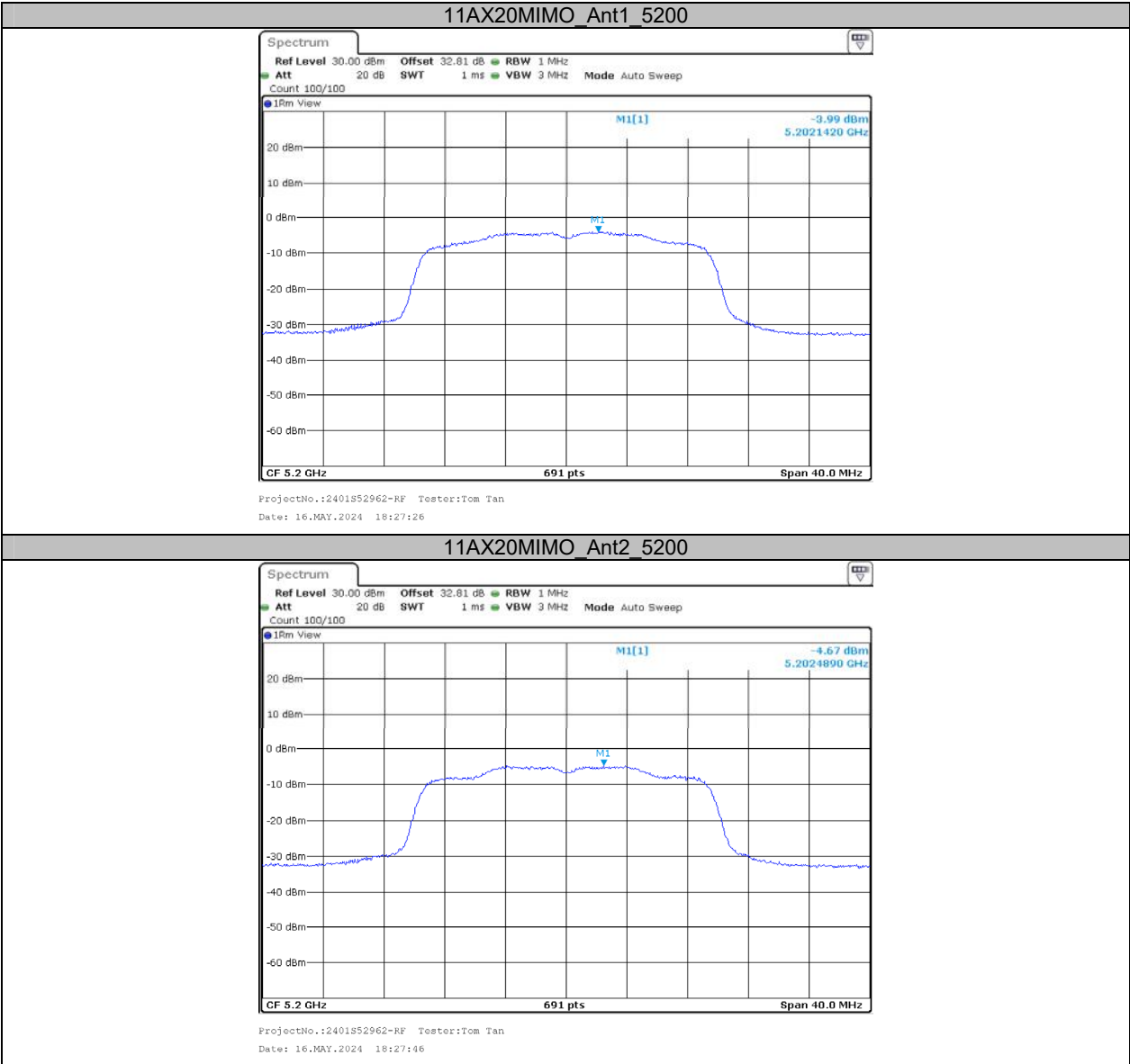


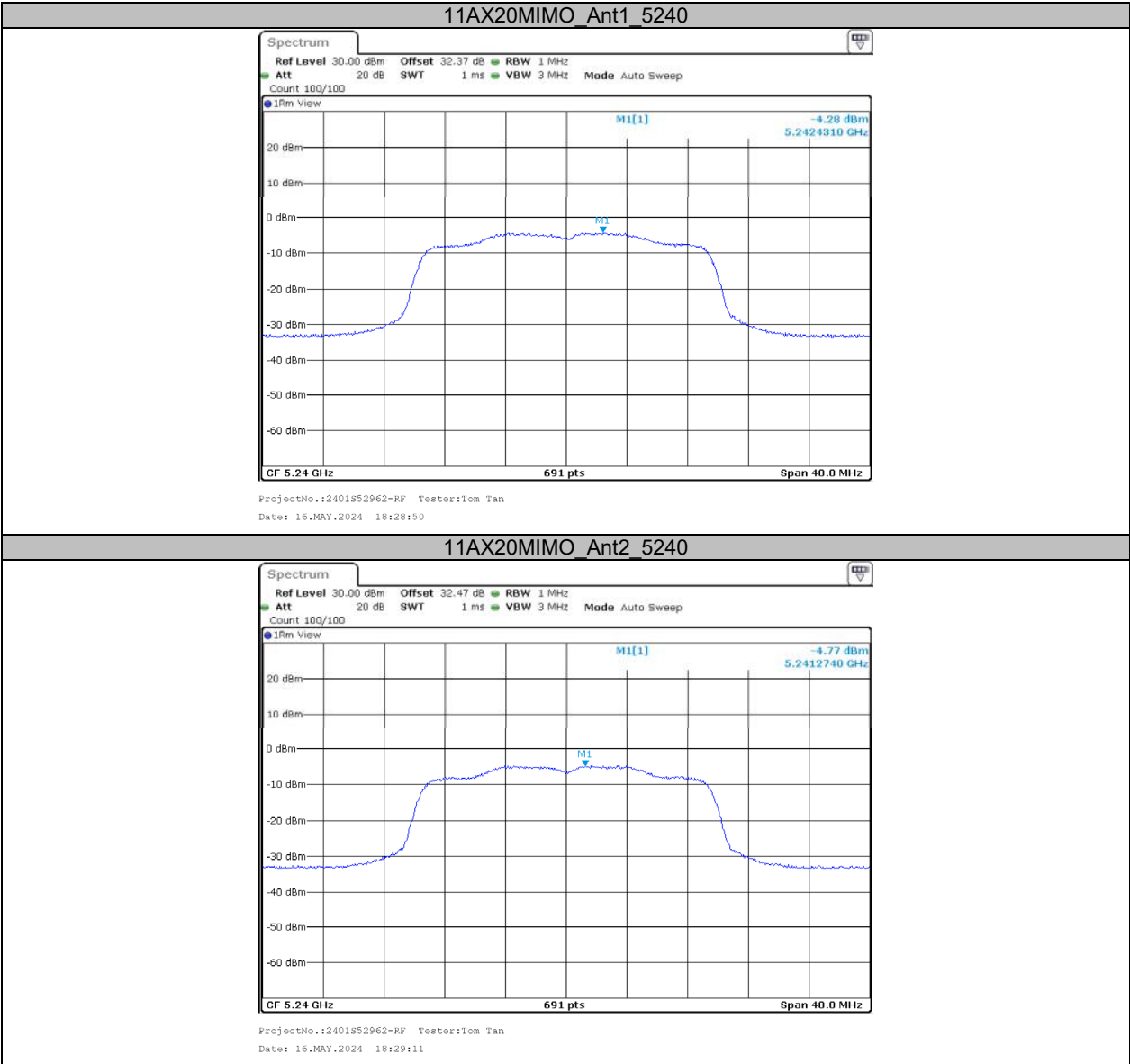


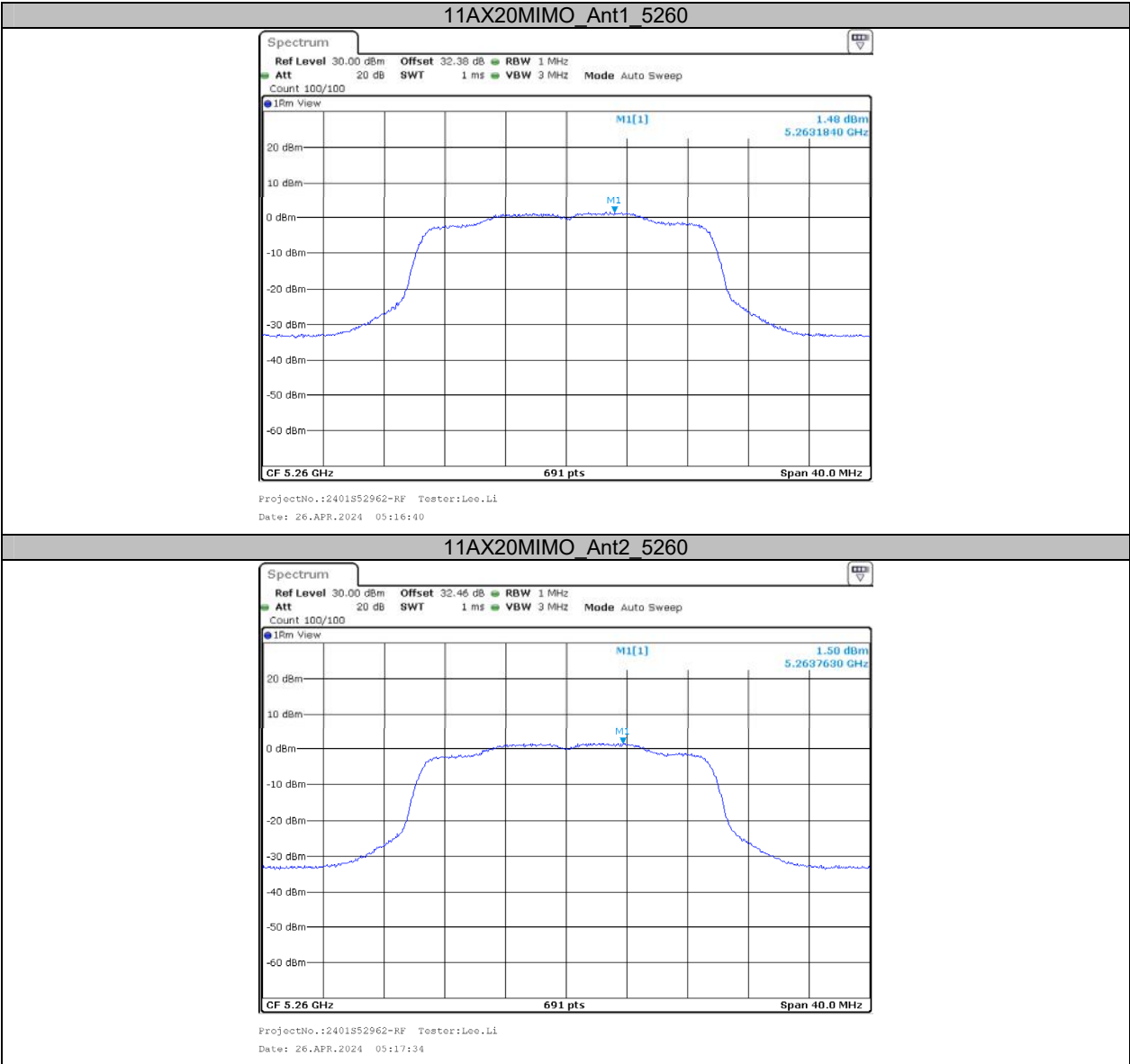


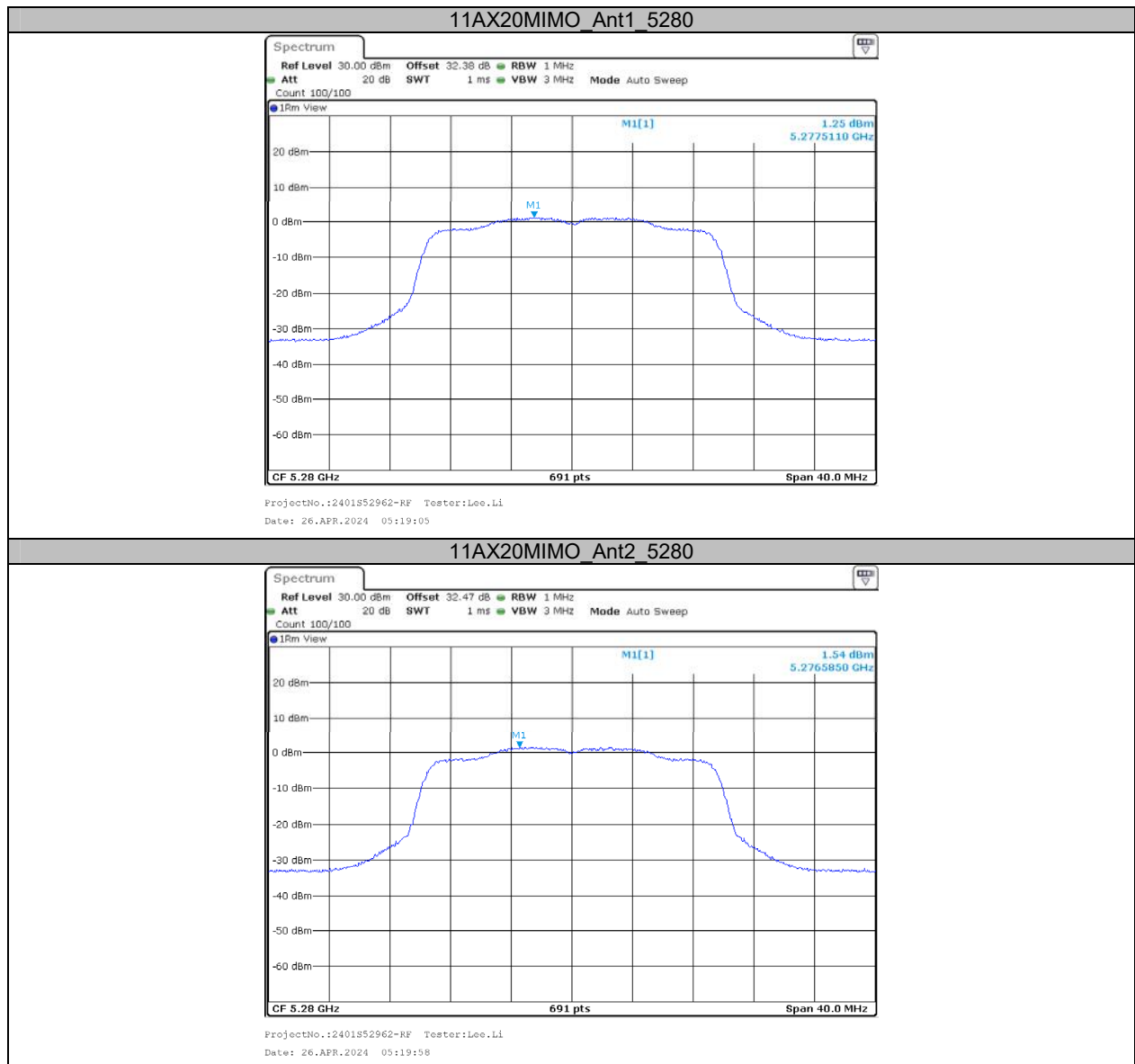


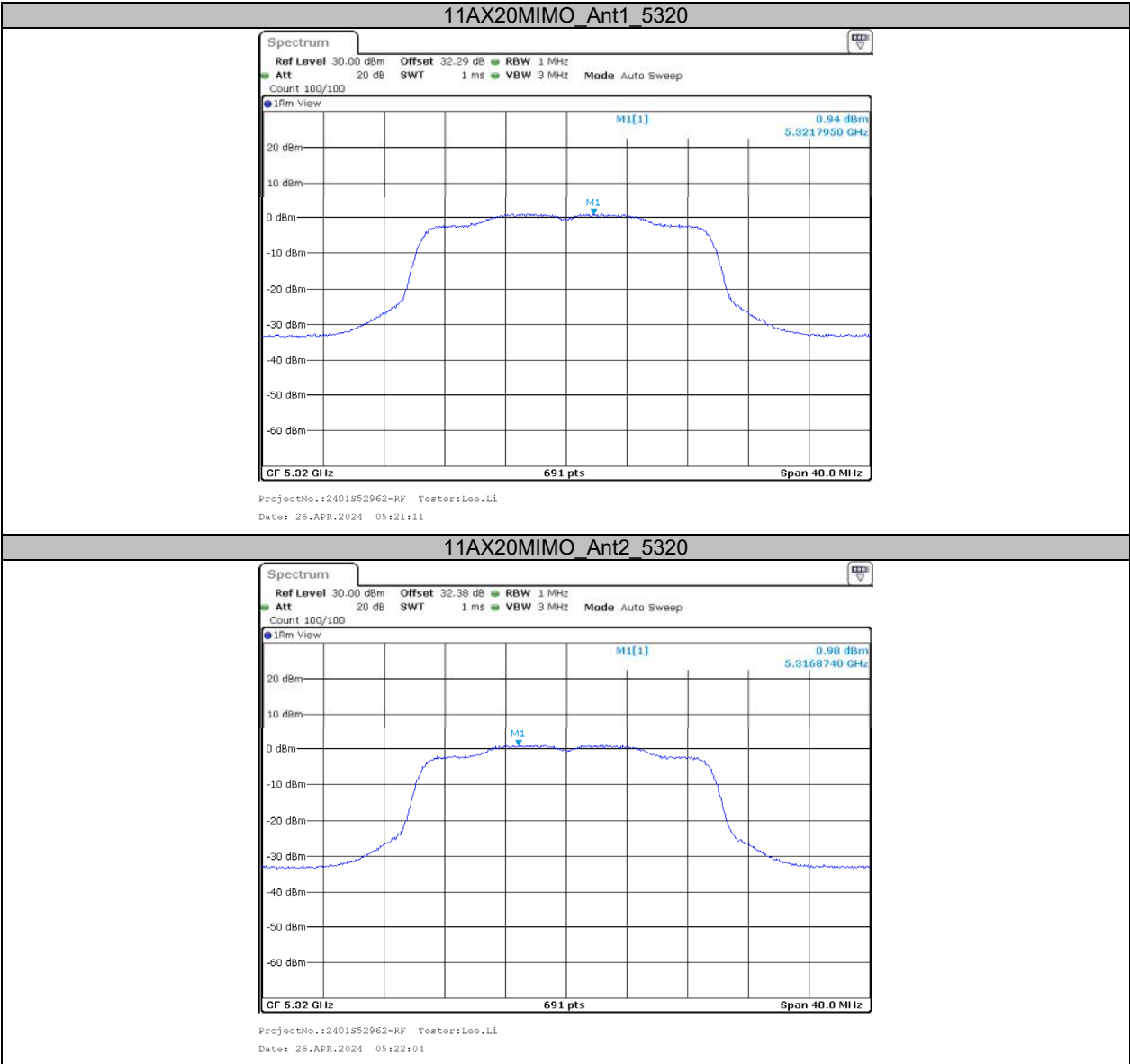


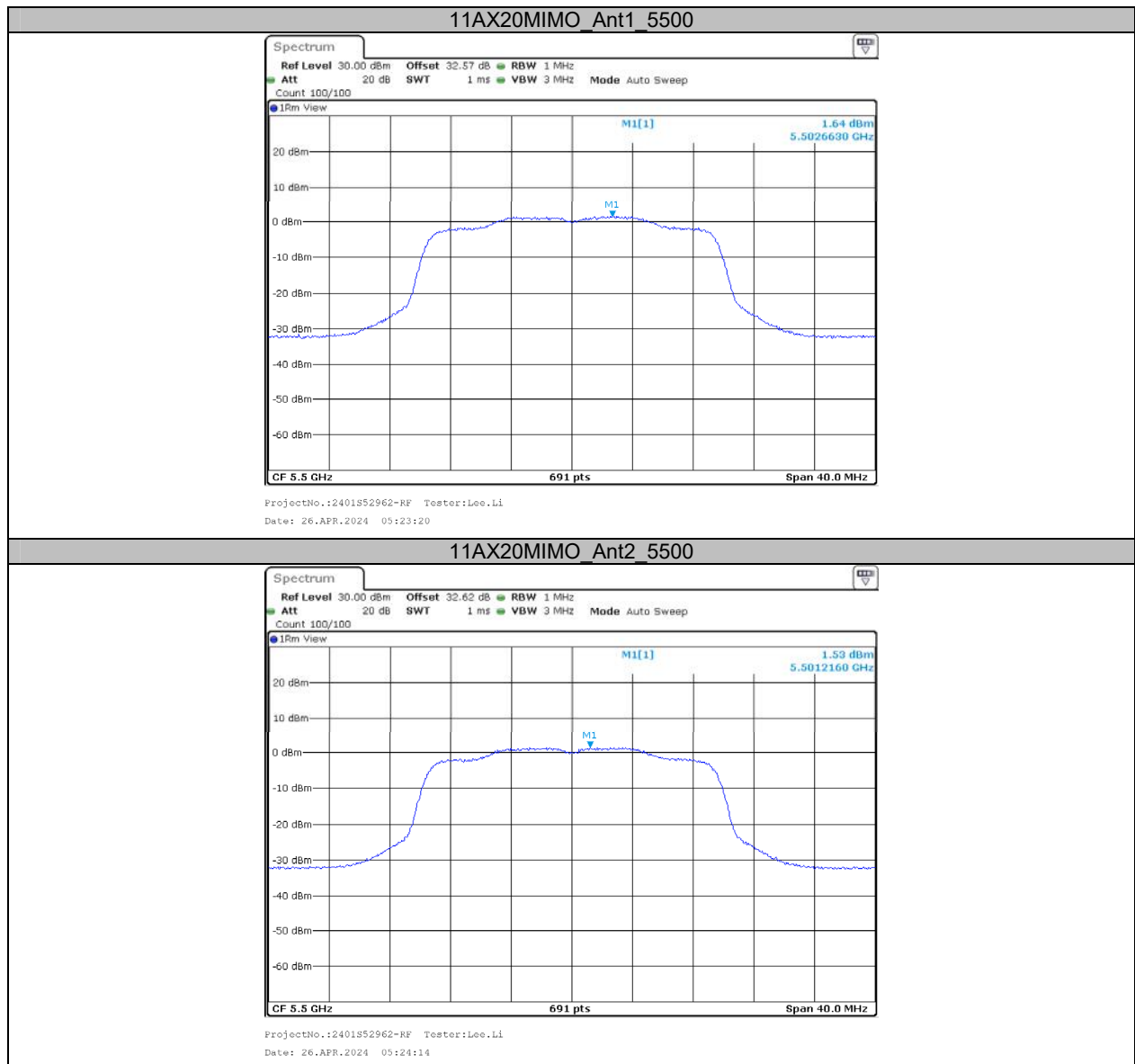


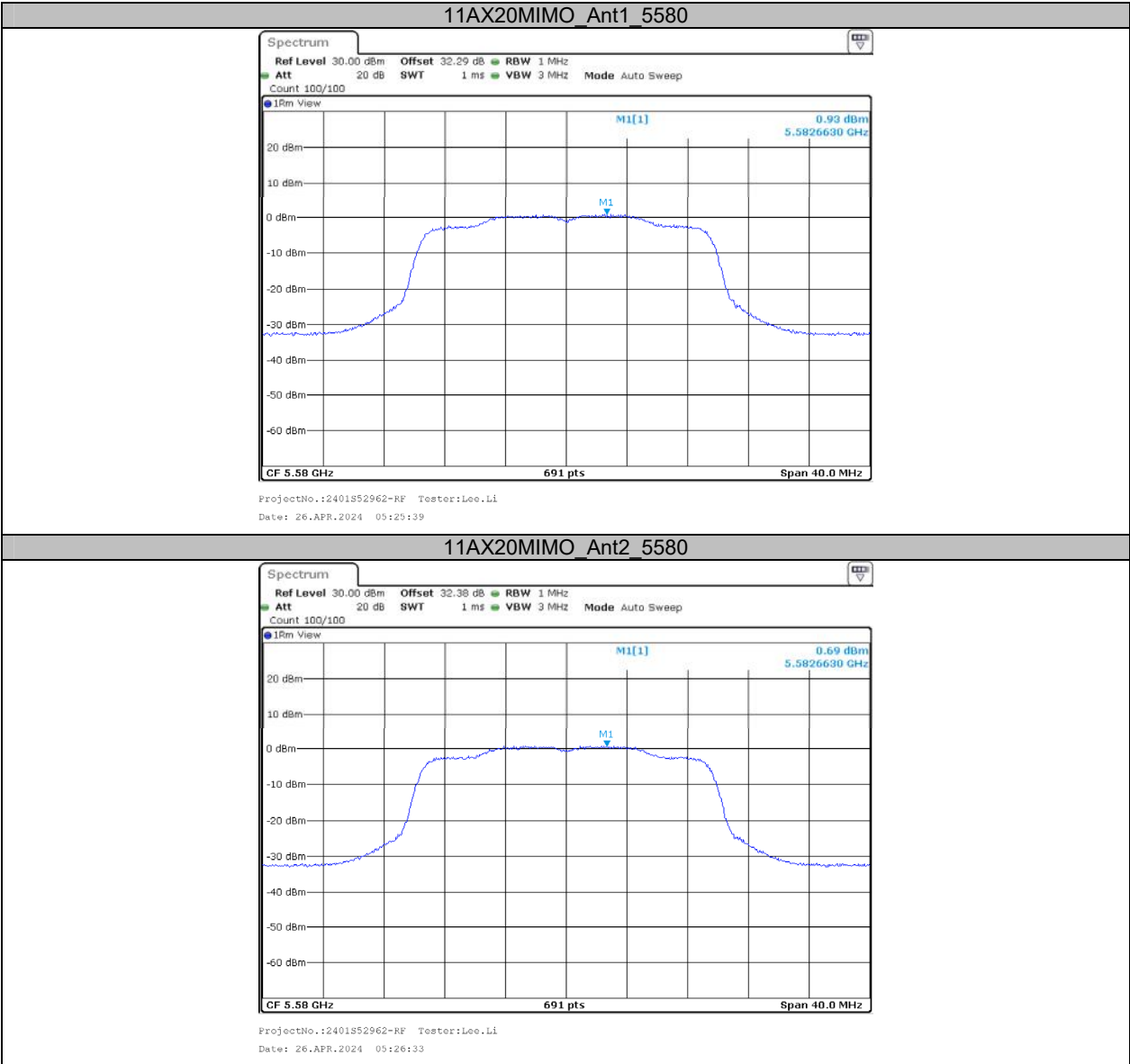


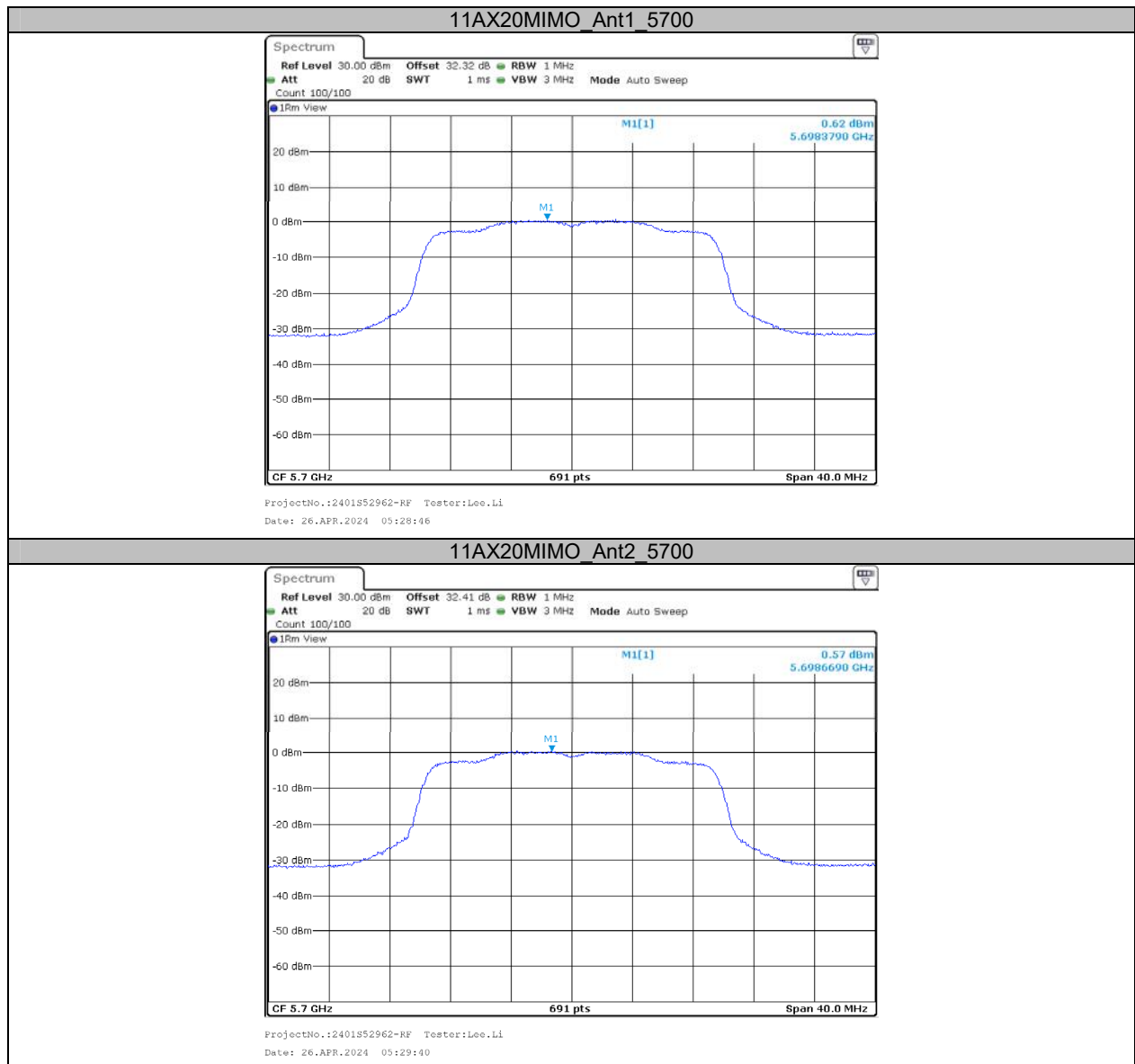


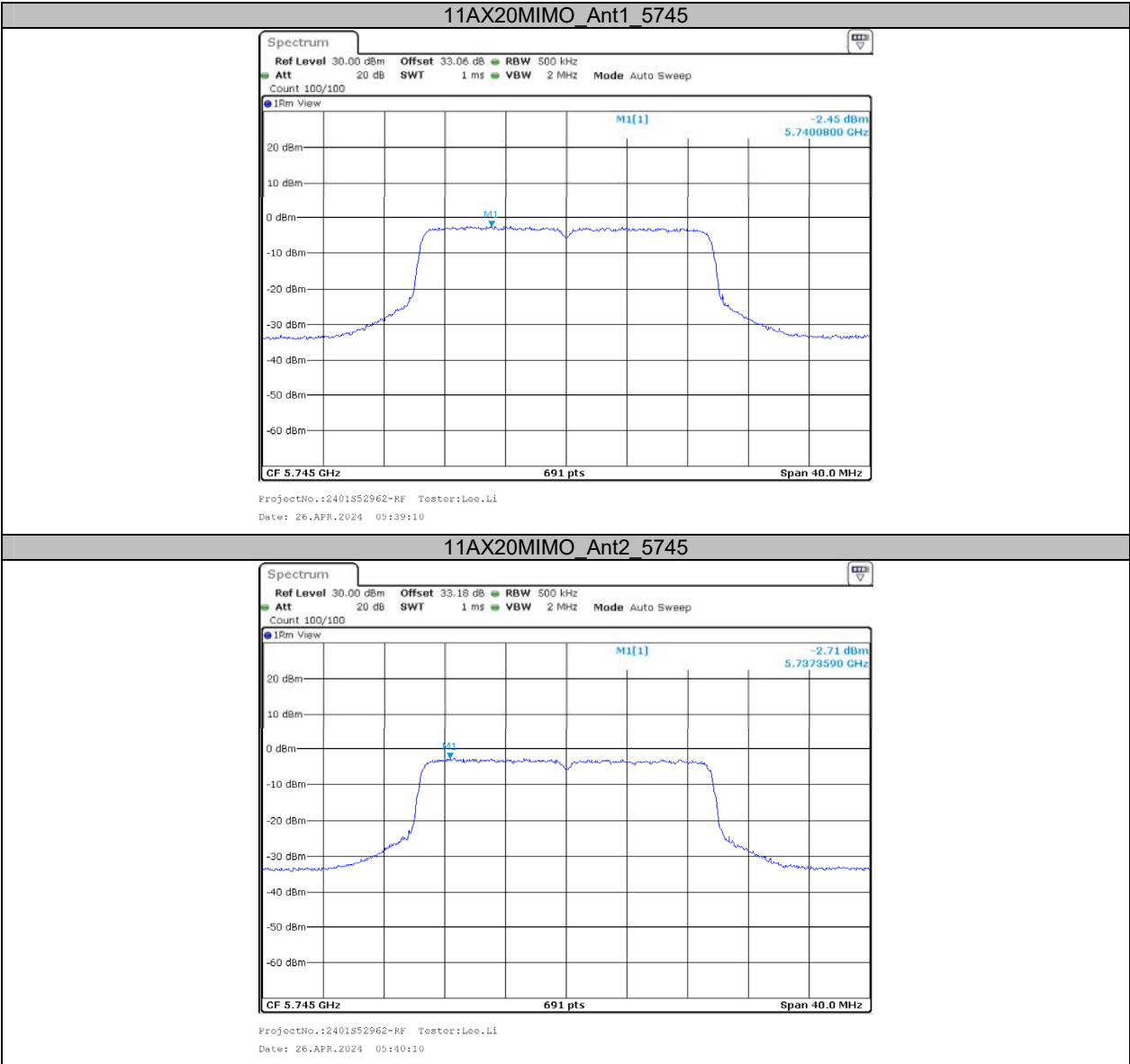


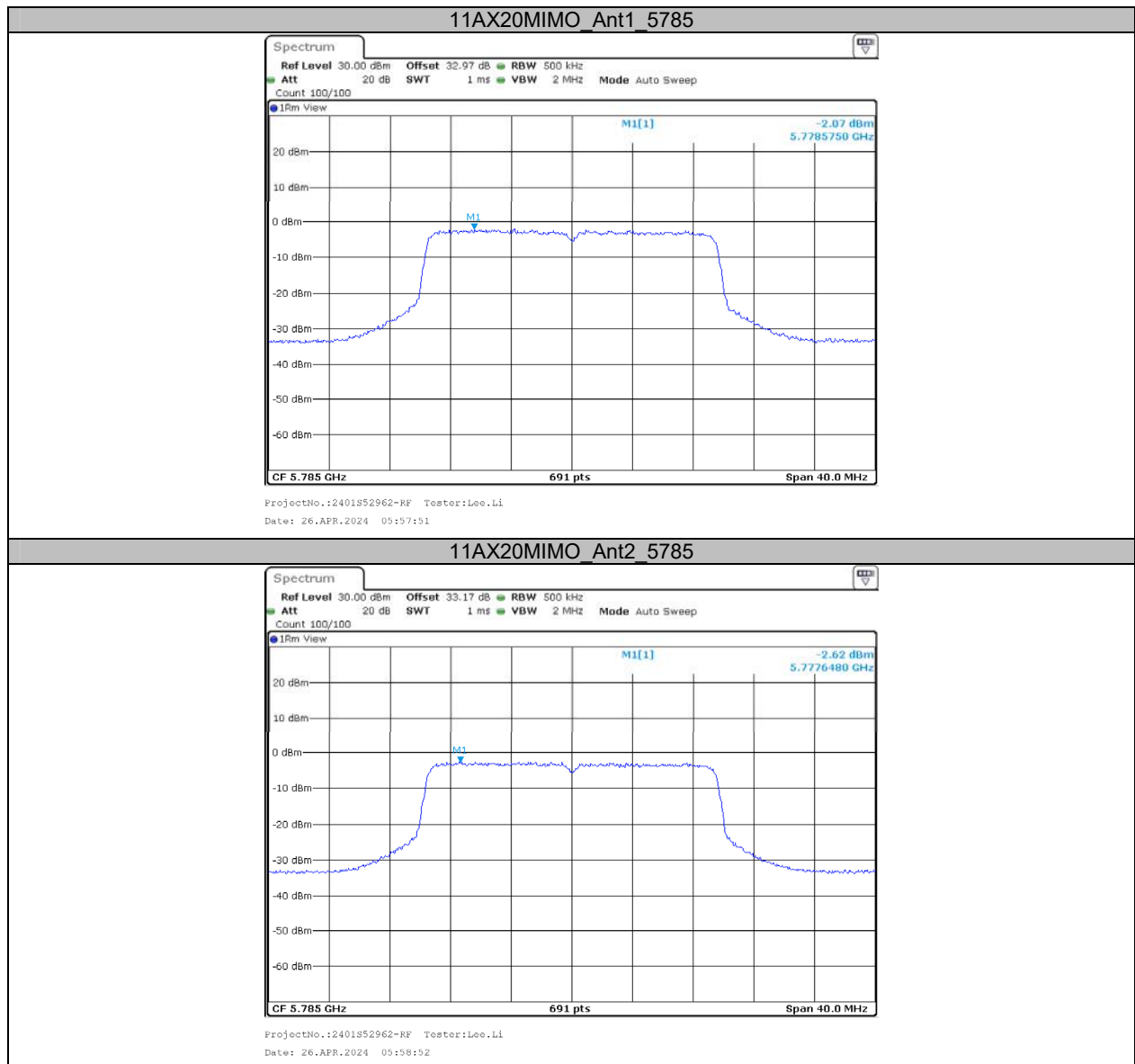


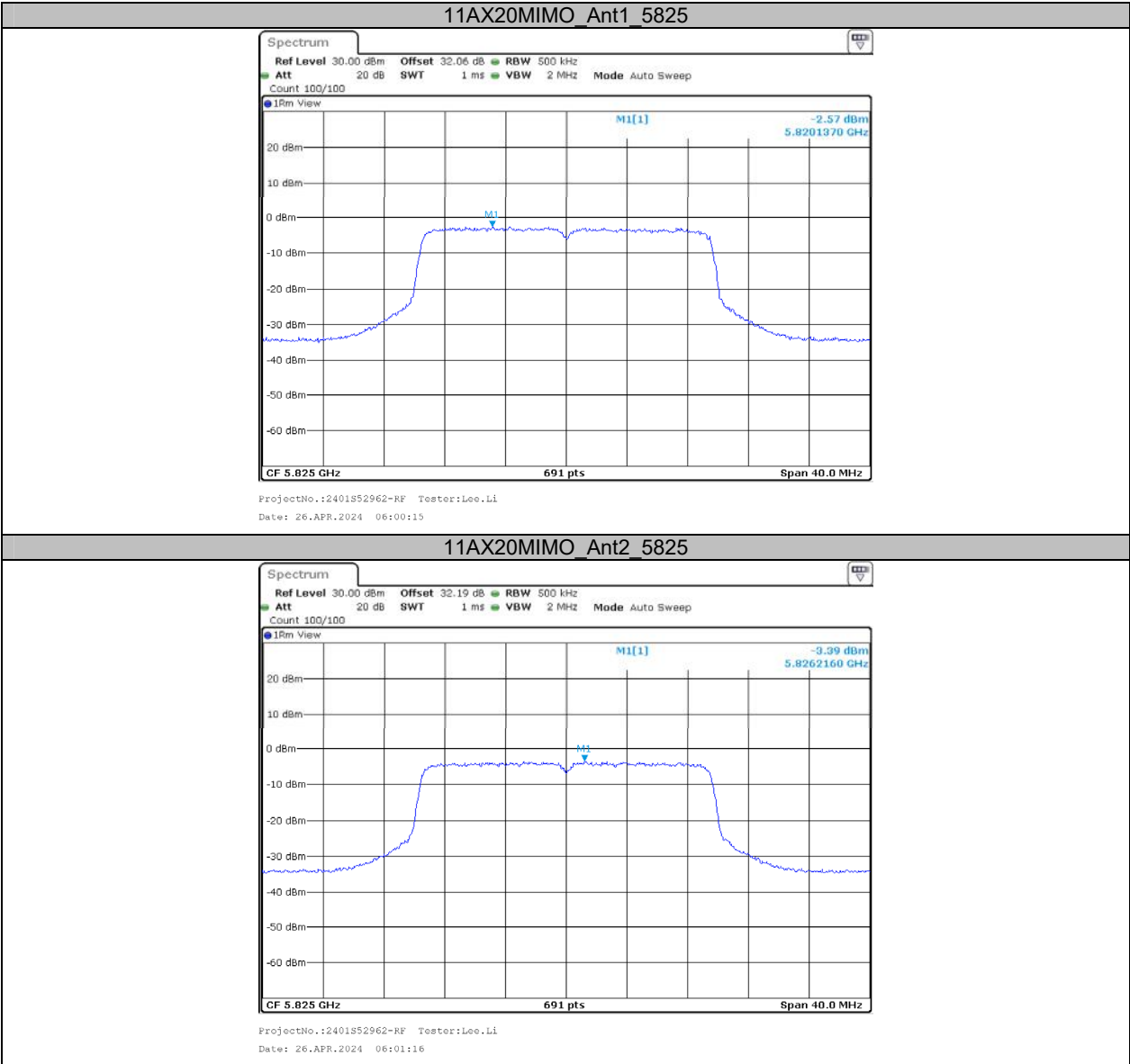


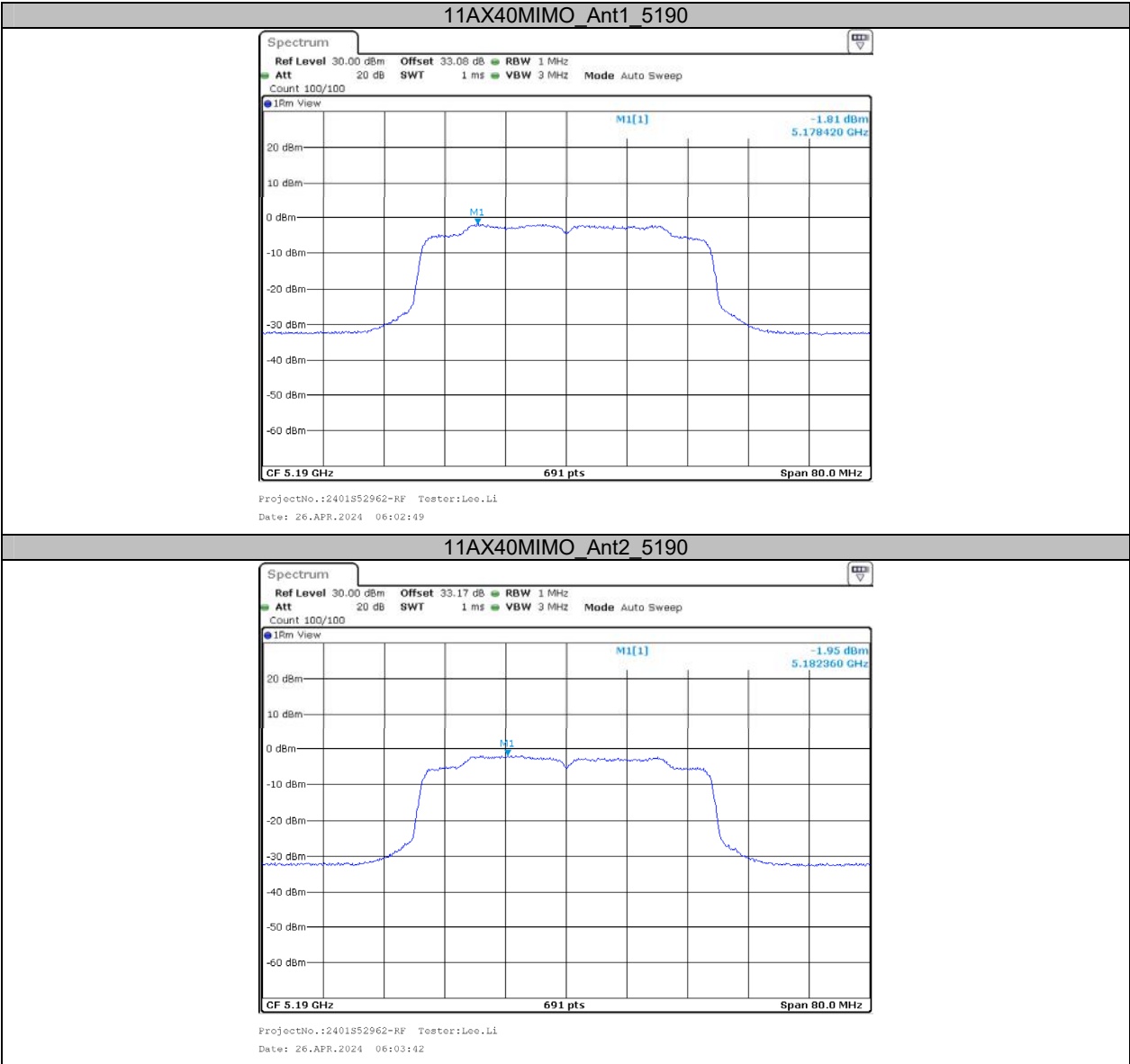


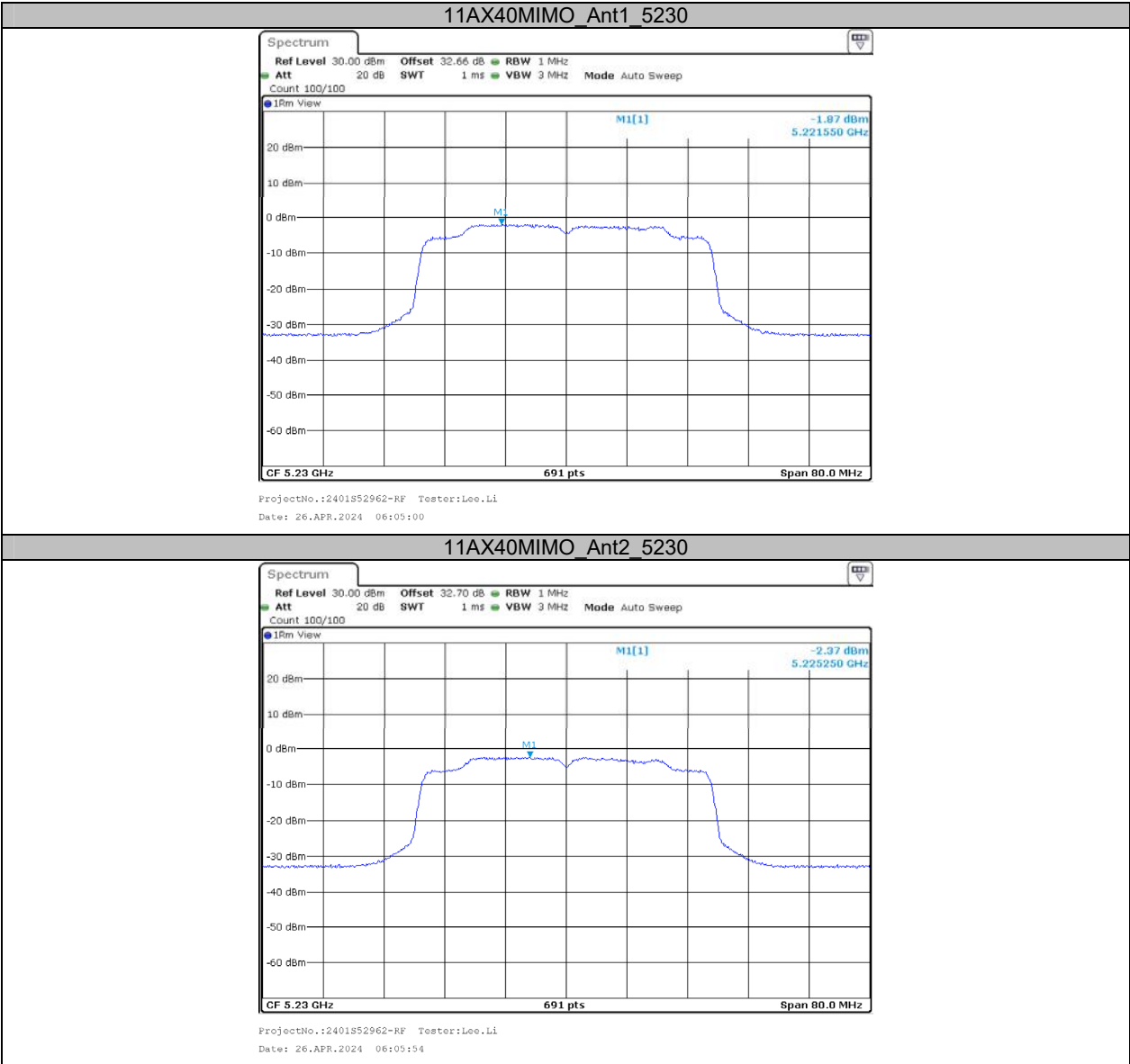


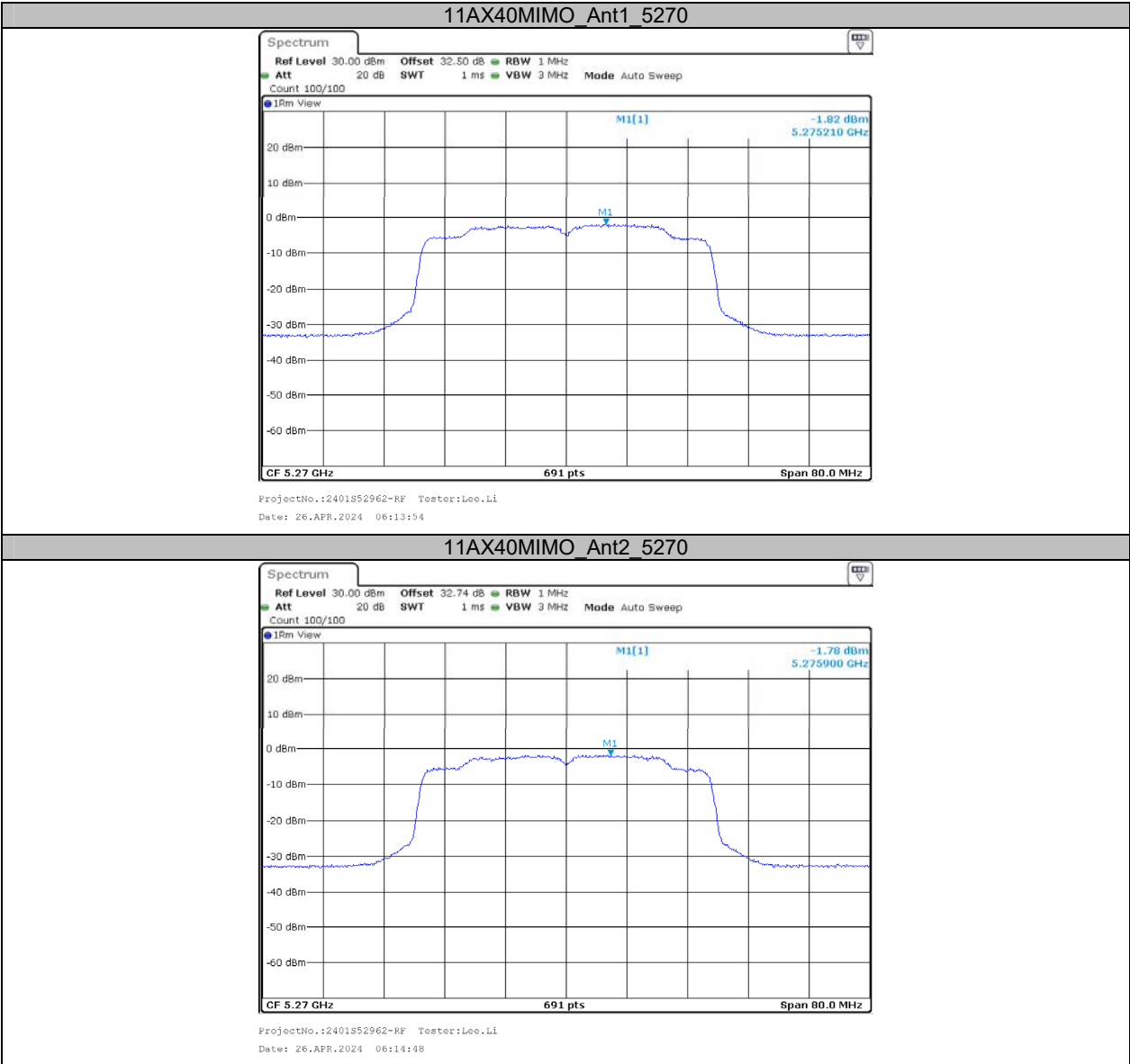


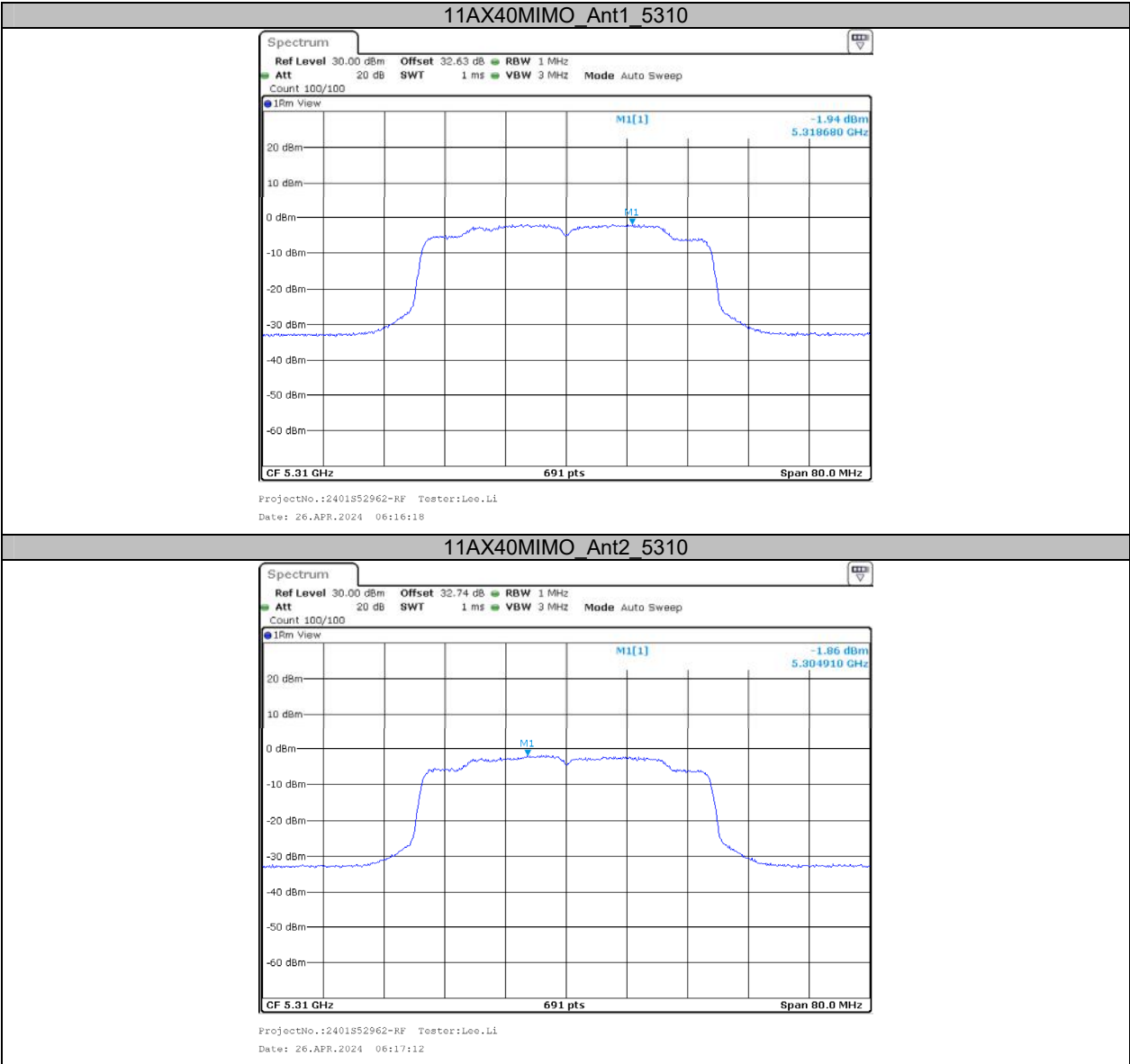


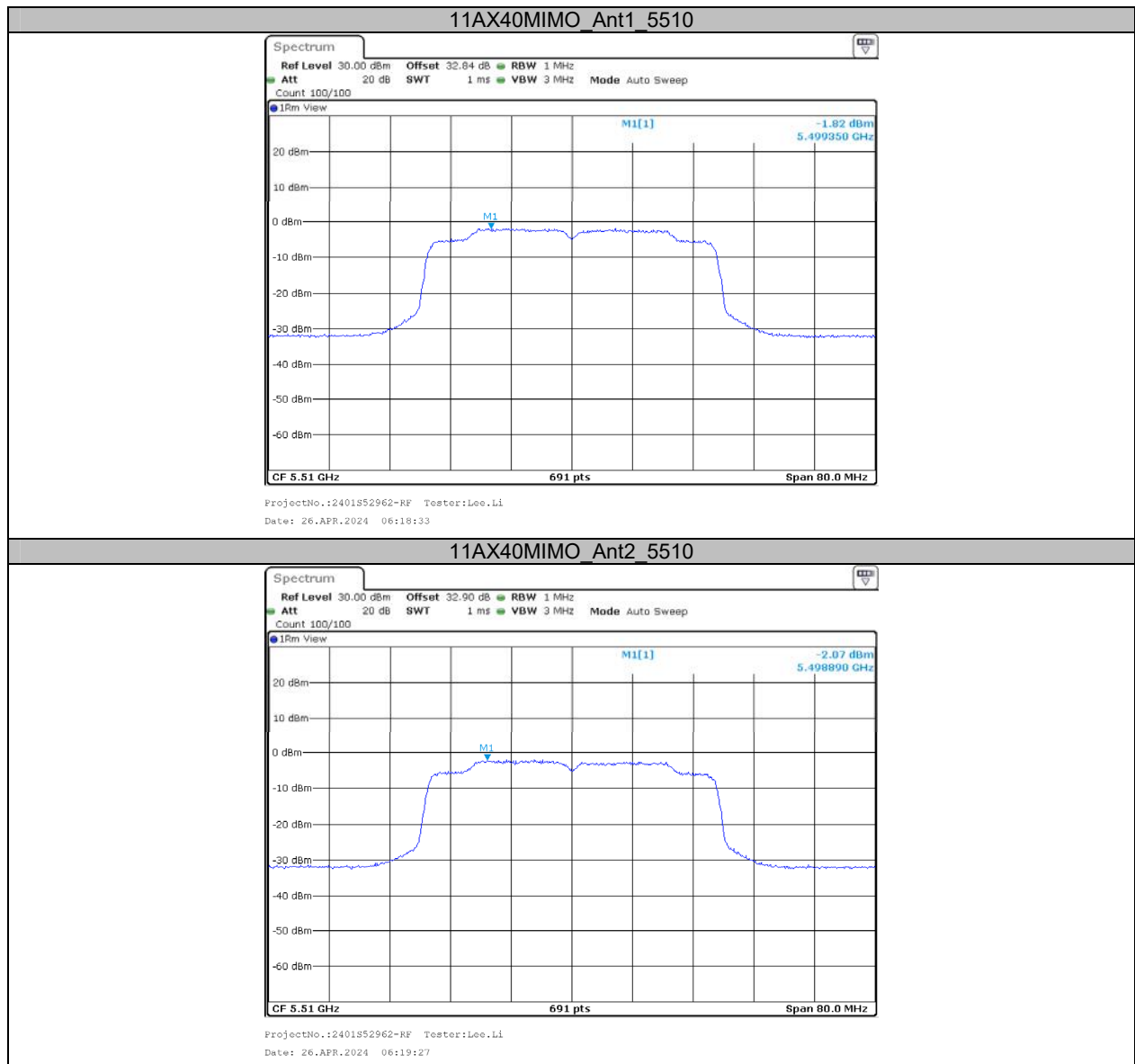


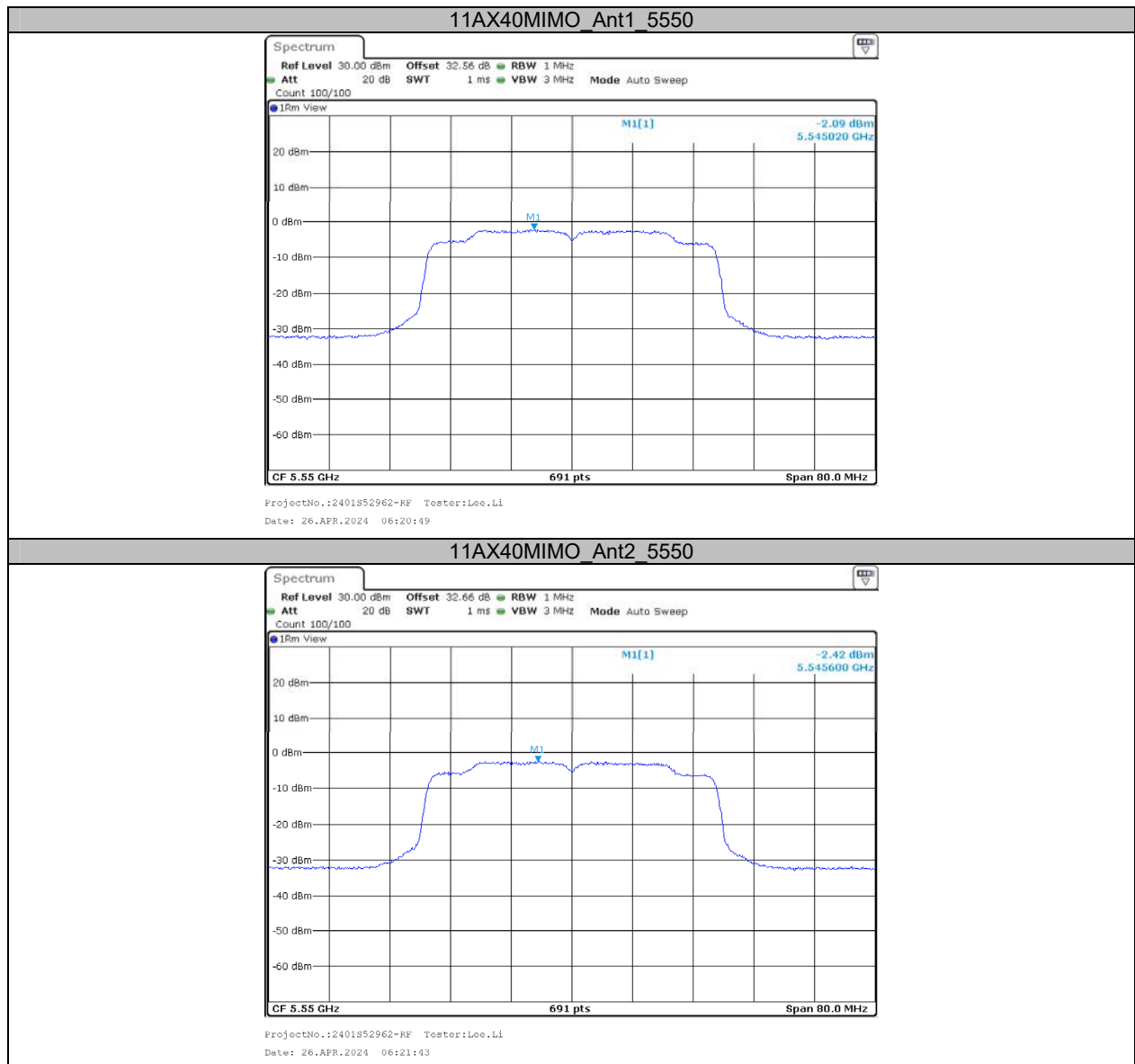


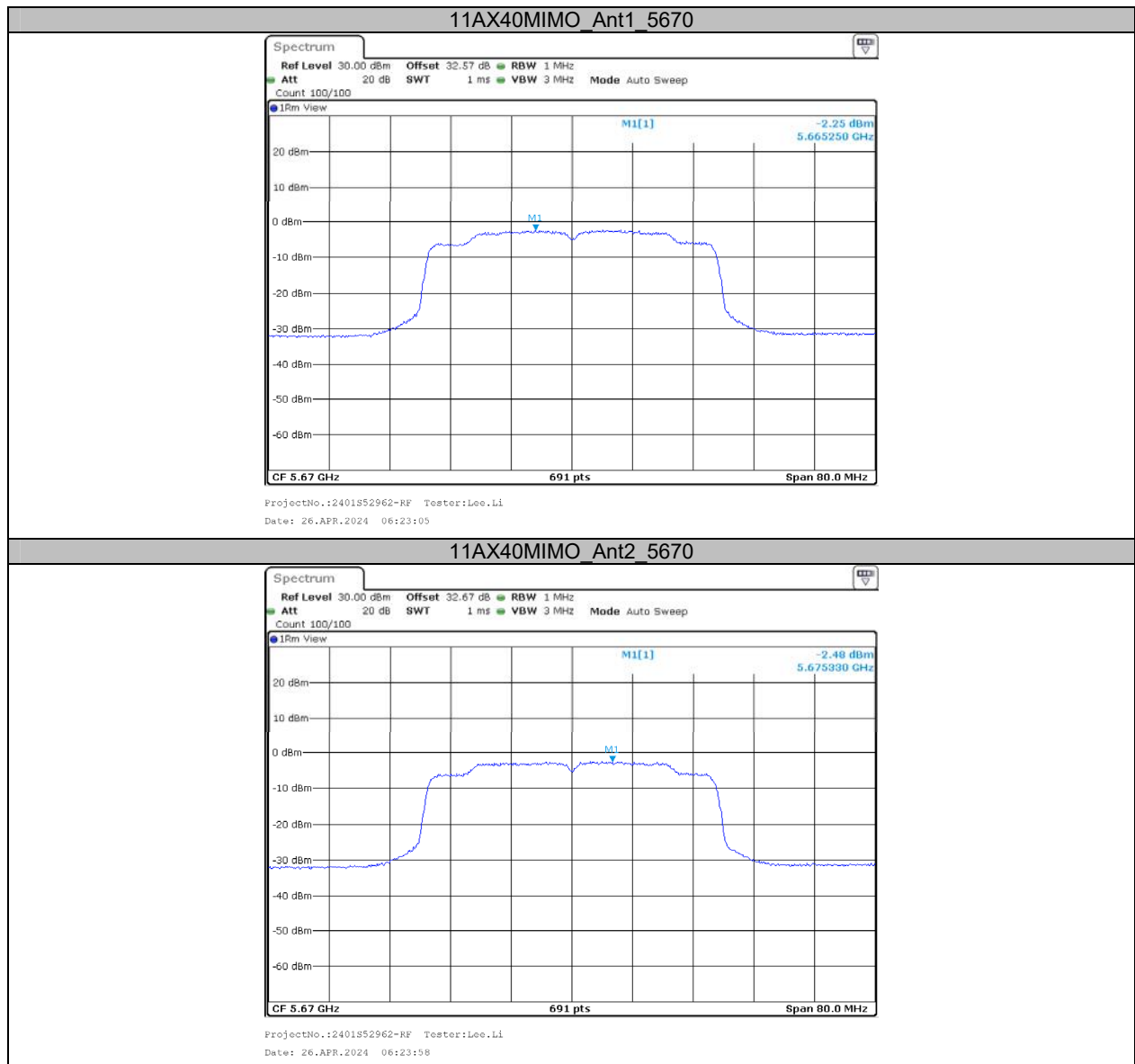


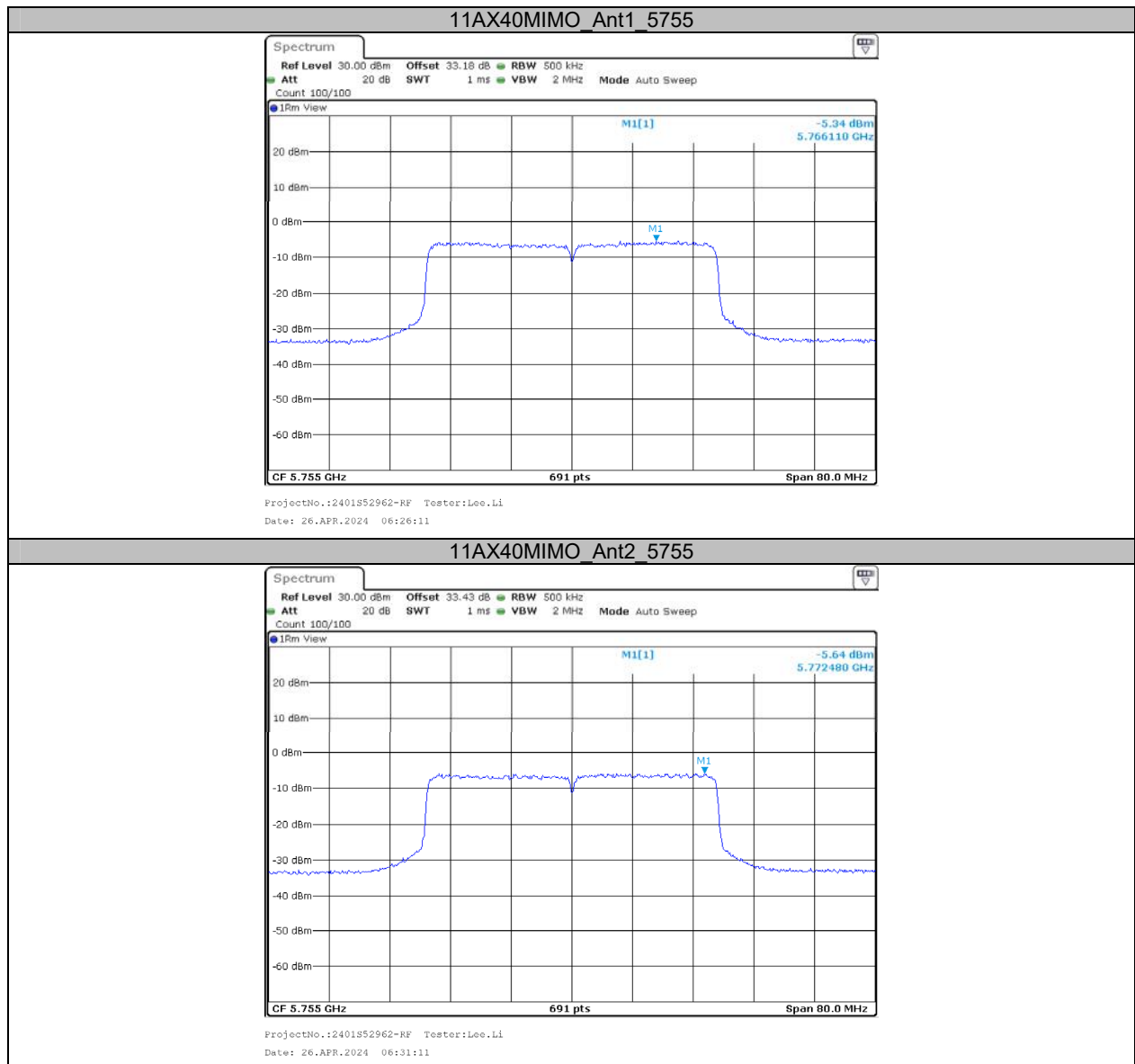


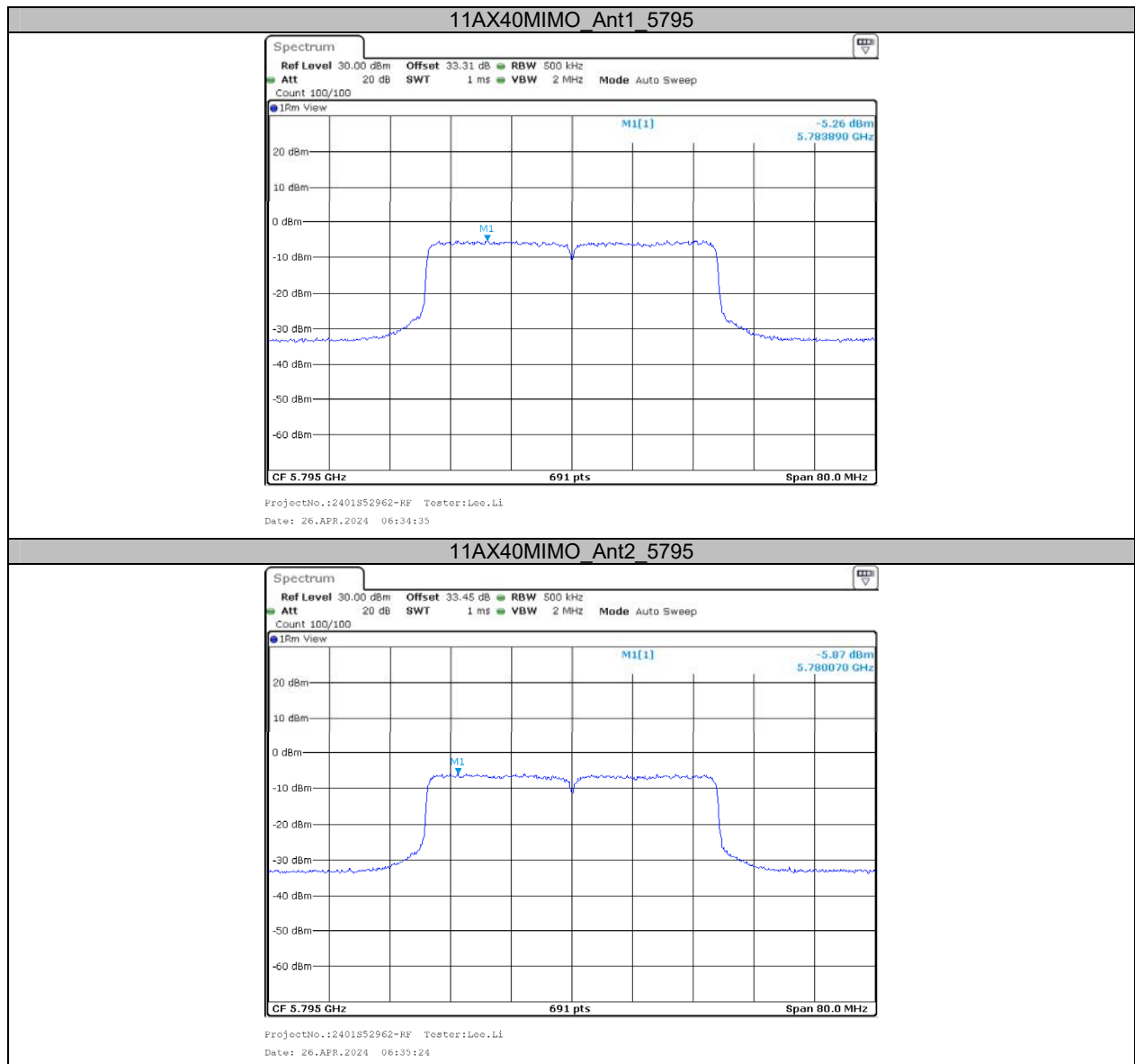


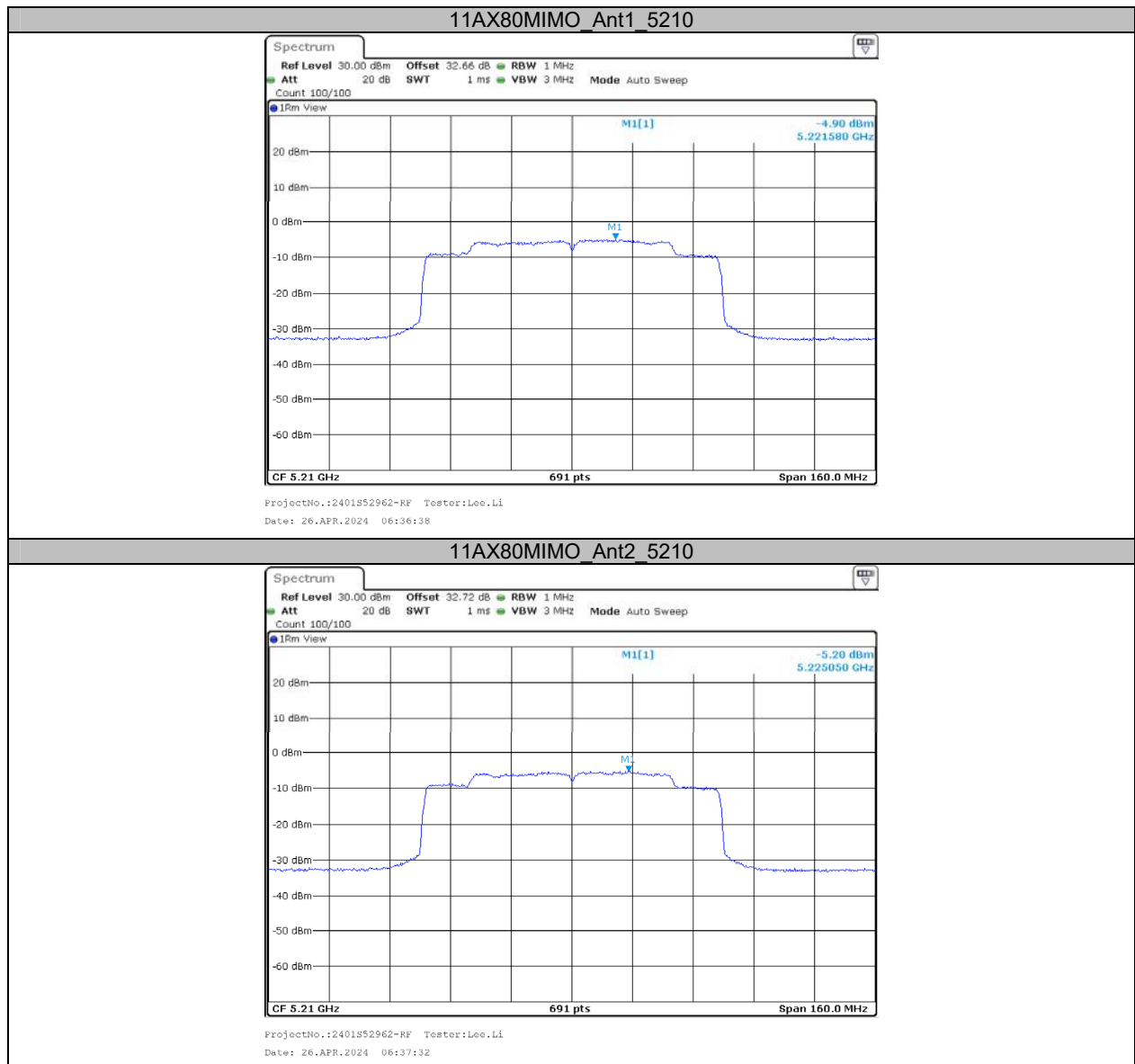


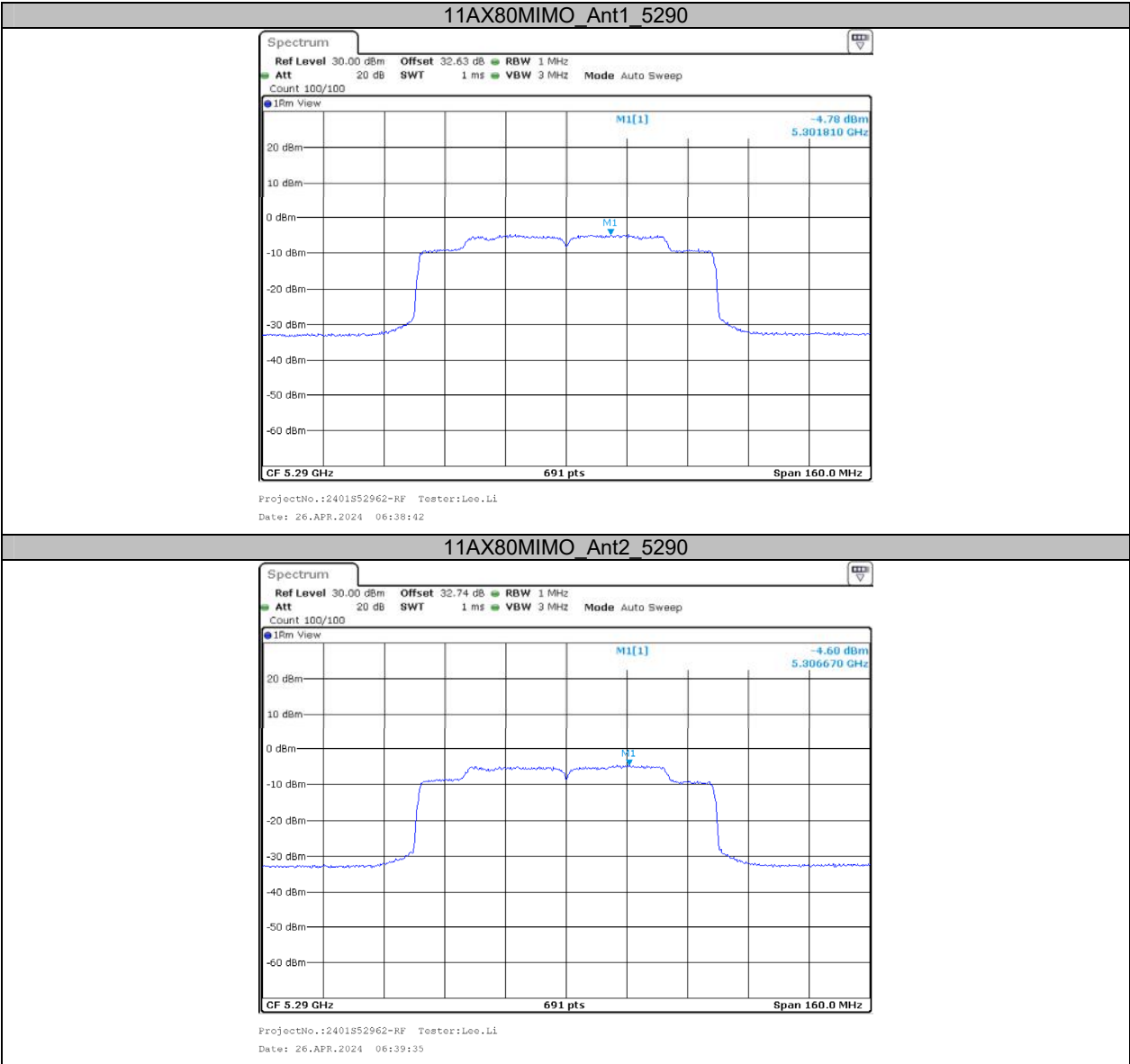


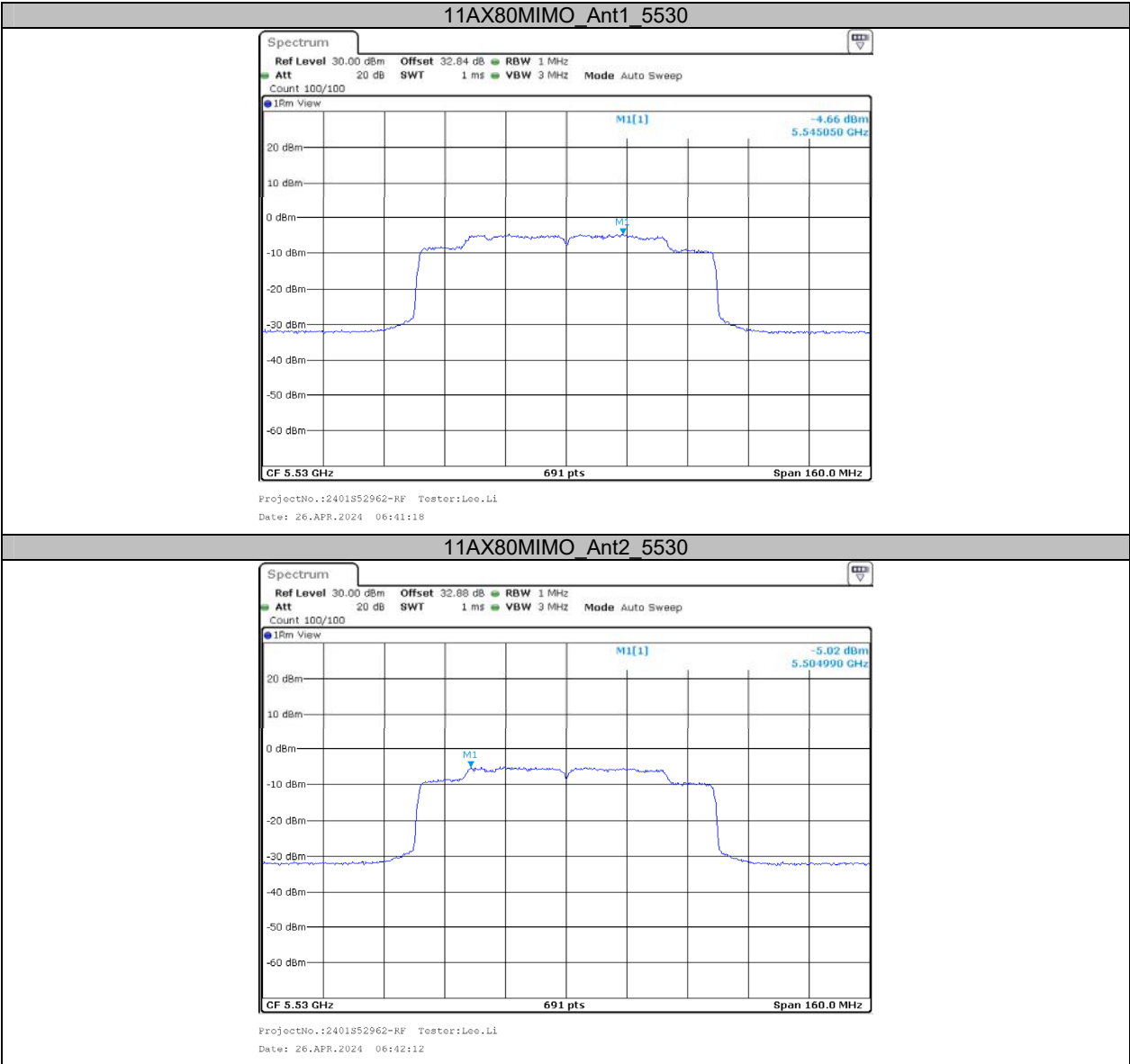


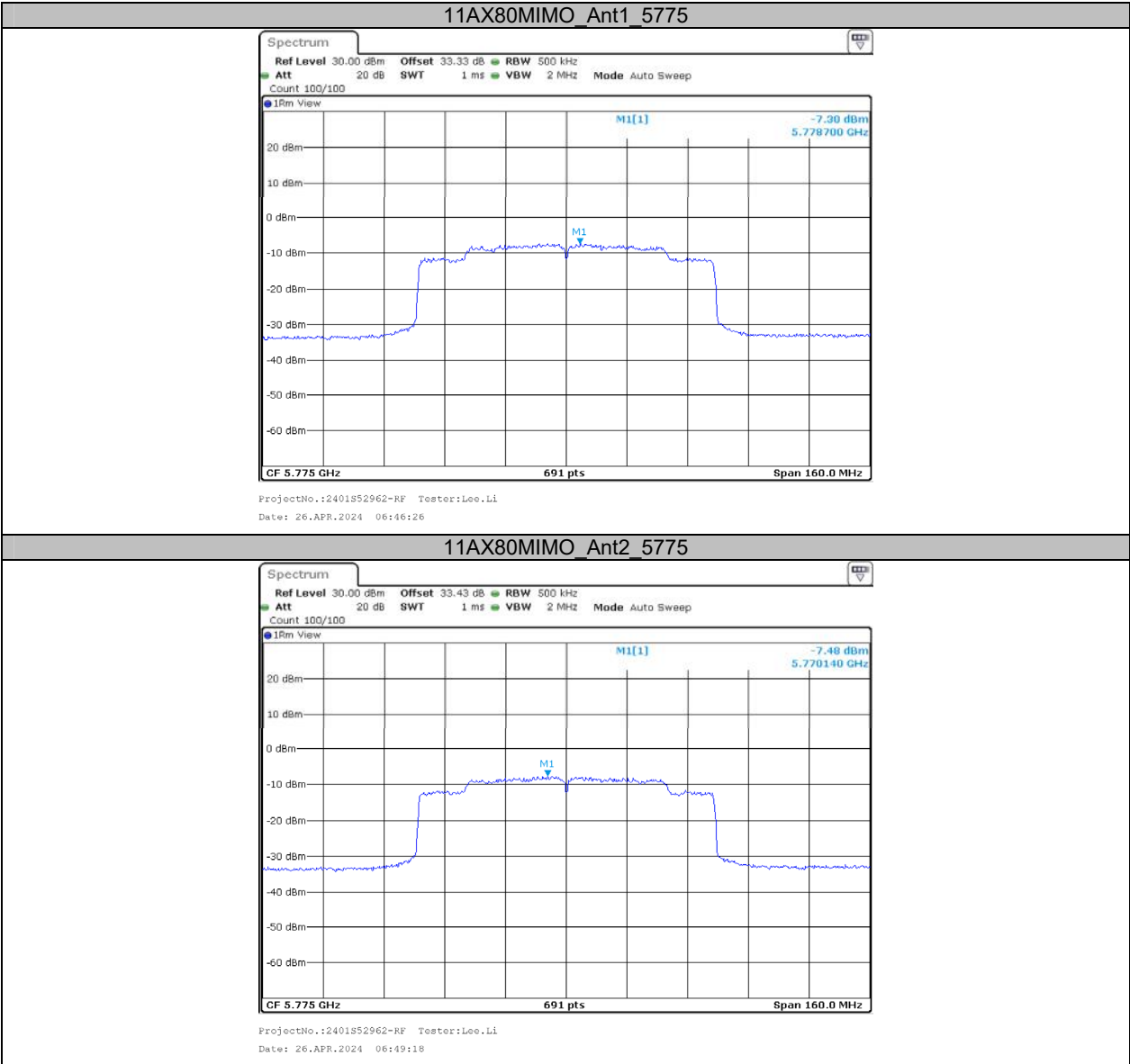


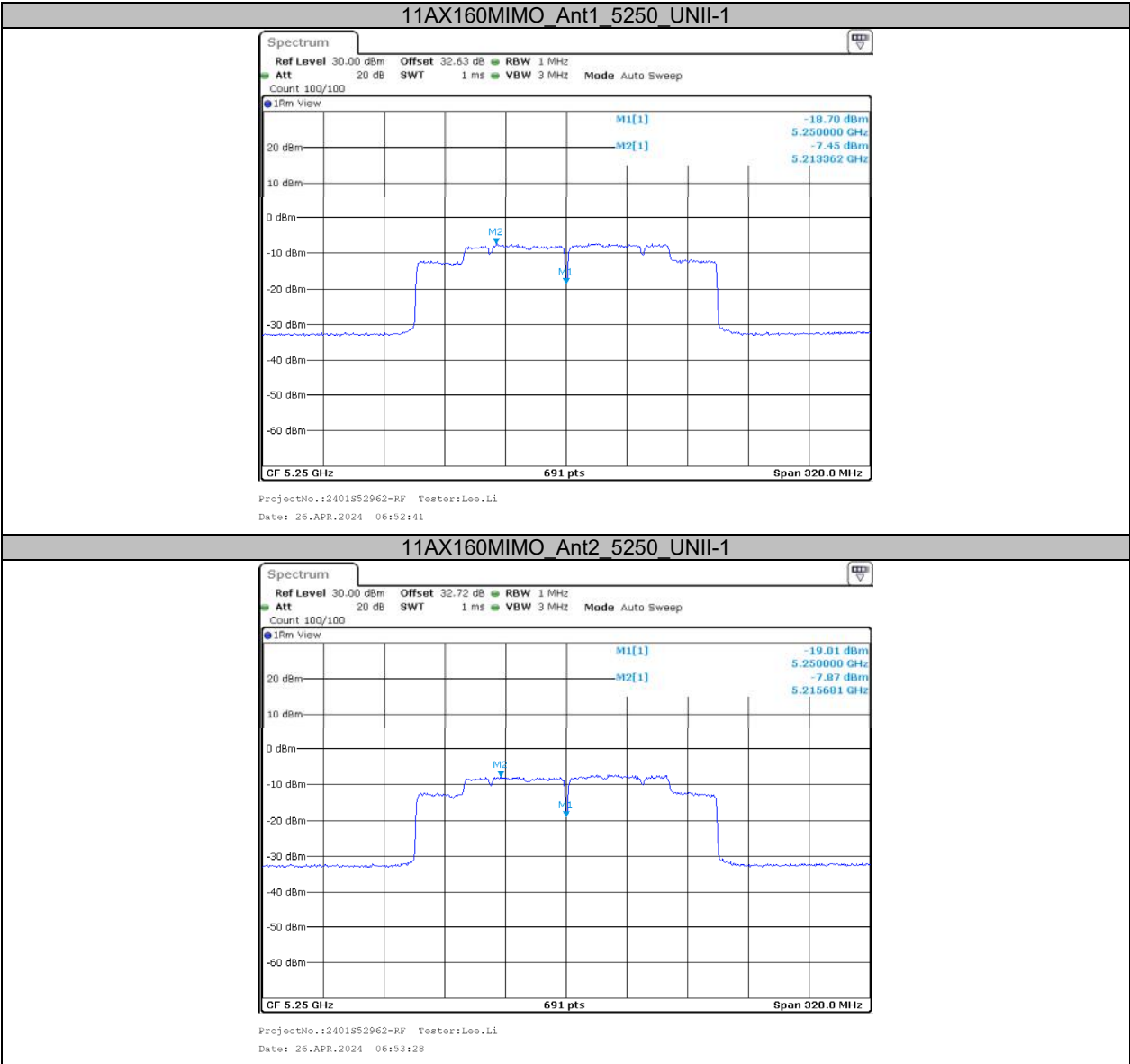


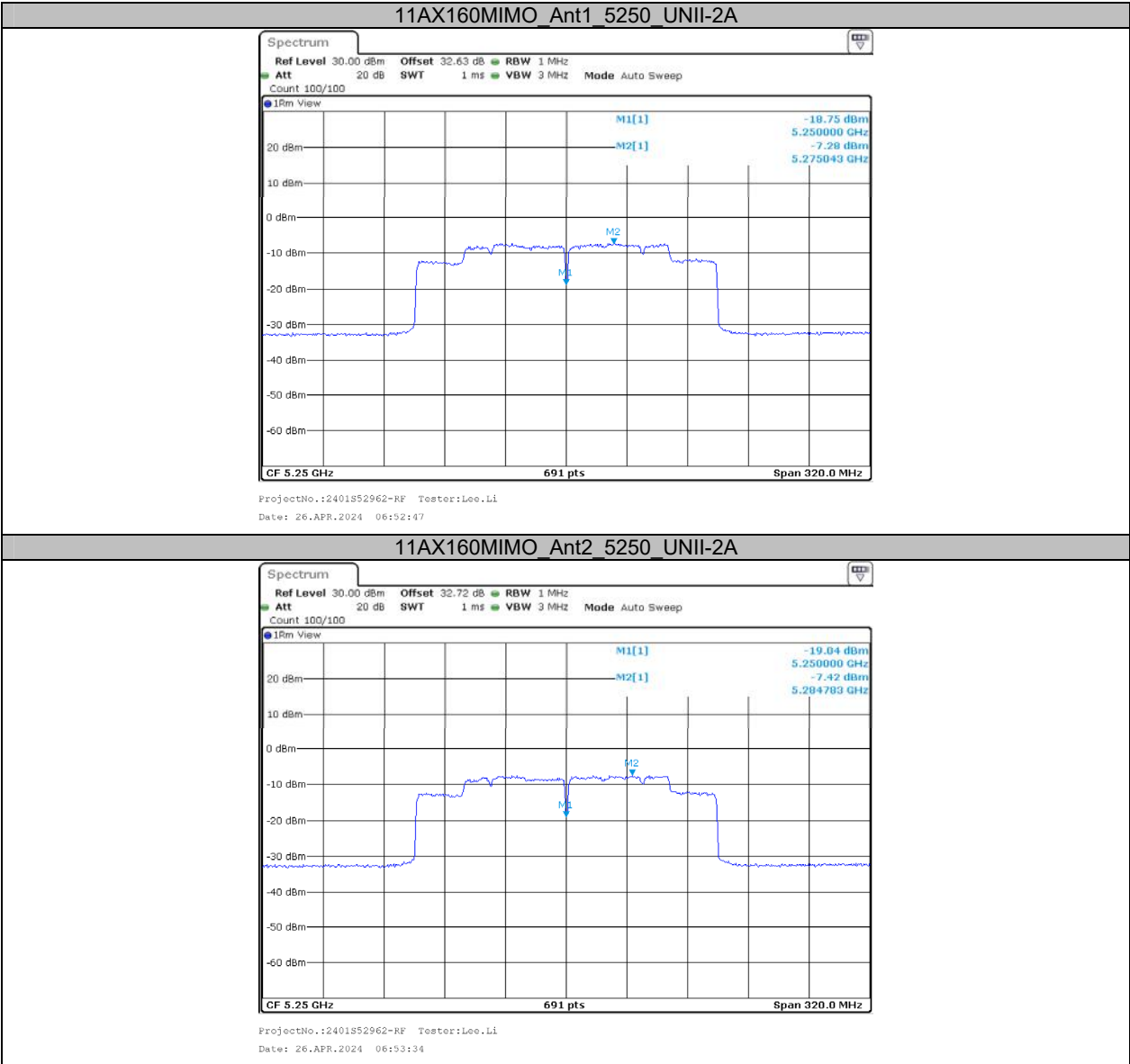












***** END OF REPORT *****