











11.3. APPENDIX C: MAXIMUM AVERAGE CONDUCTED OUTPUT POWER

11.3.1. CDD Mode Test Result

Mode	Frequency (MHz)	Conducted AVG Output Power (dBm)			Directional Gain (dBi)	Limit (dBm)
		ANT1	ANT2	Total		
802.11b	2412	24.17	24.30	27.25	2.00	≤30
	2417	24.01	24.17	27.10	2.00	≤30
	2437	24.23	24.26	27.26	2.00	≤30
	2457	24.28	24.57	27.44	2.00	≤30
	2462	24.36	24.49	27.44	2.00	≤30
802.11g	2412	22.78	22.69	25.75	2.00	≤30
	2417	23.61	23.48	26.56	2.00	≤30
	2437	23.78	23.67	26.74	2.00	≤30
	2457	23.56	23.56	26.57	2.00	≤30
	2462	23.03	22.85	25.95	2.00	≤30
802.11n HT20	2412	22.85	22.90	25.89	2.00	≤30
	2417	23.21	23.38	26.31	2.00	≤30
	2437	23.87	23.73	26.81	2.00	≤30
	2457	23.18	23.20	26.20	2.00	≤30
	2462	22.23	22.15	25.20	2.00	≤30
802.11n HT40	2422	21.85	21.91	24.89	2.00	≤30
	2427	21.92	22.17	25.06	2.00	≤30
	2437	23.17	23.25	26.22	2.00	≤30
	2447	22.34	22.28	25.32	2.00	≤30
	2452	21.89	21.80	24.86	2.00	≤30
802.11be EHT20	2412	22.83	22.87	25.86	2.00	≤30
	2417	23.24	23.40	26.33	2.00	≤30
	2437	23.87	23.62	26.76	2.00	≤30
	2457	23.11	23.20	26.17	2.00	≤30
	2462	22.24	22.18	25.22	2.00	≤30
802.11be EHT40	2422	21.54	21.63	24.60	2.00	≤30
	2427	21.85	21.96	24.92	2.00	≤30
	2437	22.94	23.12	26.04	2.00	≤30
	2447	22.05	22.02	25.05	2.00	≤30
	2452	21.80	21.63	24.73	2.00	≤30

Note: 1. Conducted Power=Meas. Level+ Correction Factor

2. The Duty Cycle Factor (refer to section 7.5) had already compensated to the test data.

11.3.2. Tx beamforming Mode Test Result

Mode	Frequency (MHz)	Conducted Power(dBm)			Directional Gain (dBi)	Limit (dBm)
		ANT1	ANT2	Total		
802.11n HT20	2412	20.51	20.88	23.71	5.01	≤30
	2417	20.55	20.59	23.58	5.01	≤30
	2437	21.19	21.36	24.29	5.01	≤30
	2457	21.17	20.72	23.96	5.01	≤30
	2462	20.92	20.77	23.86	5.01	≤30
802.11n HT40	2422	19.01	19.44	22.24	5.01	≤30
	2427	19.61	19.91	22.77	5.01	≤30
	2437	20.11	20.35	23.24	5.01	≤30
	2447	18.72	18.97	21.85	5.01	≤30
	2452	18.95	18.94	21.95	5.01	≤30
802.11be EHT20	2412	19.67	20.41	23.07	5.01	≤30
	2417	20.19	20.59	23.41	5.01	≤30
	2437	21.18	21.73	24.47	5.01	≤30
	2457	20.97	20.71	23.85	5.01	≤30
	2462	19.99	20.28	23.15	5.01	≤30
802.11be EHT40	2422	19.73	19.53	22.64	5.01	≤30
	2427	20.73	20.81	23.78	5.01	≤30
	2437	20.29	20.69	23.50	5.01	≤30
	2447	20.36	20.37	23.38	5.01	≤30
	2452	19.91	20.02	22.98	5.01	≤30

Note: 1. Conducted Power=Meas. Level+ Correction Factor

2. The Duty Cycle Factor (refer to section 7.5) had already compensated to the test data.

11.4. APPENDIX D: MAXIMUM POWER SPECTRAL DENSITY

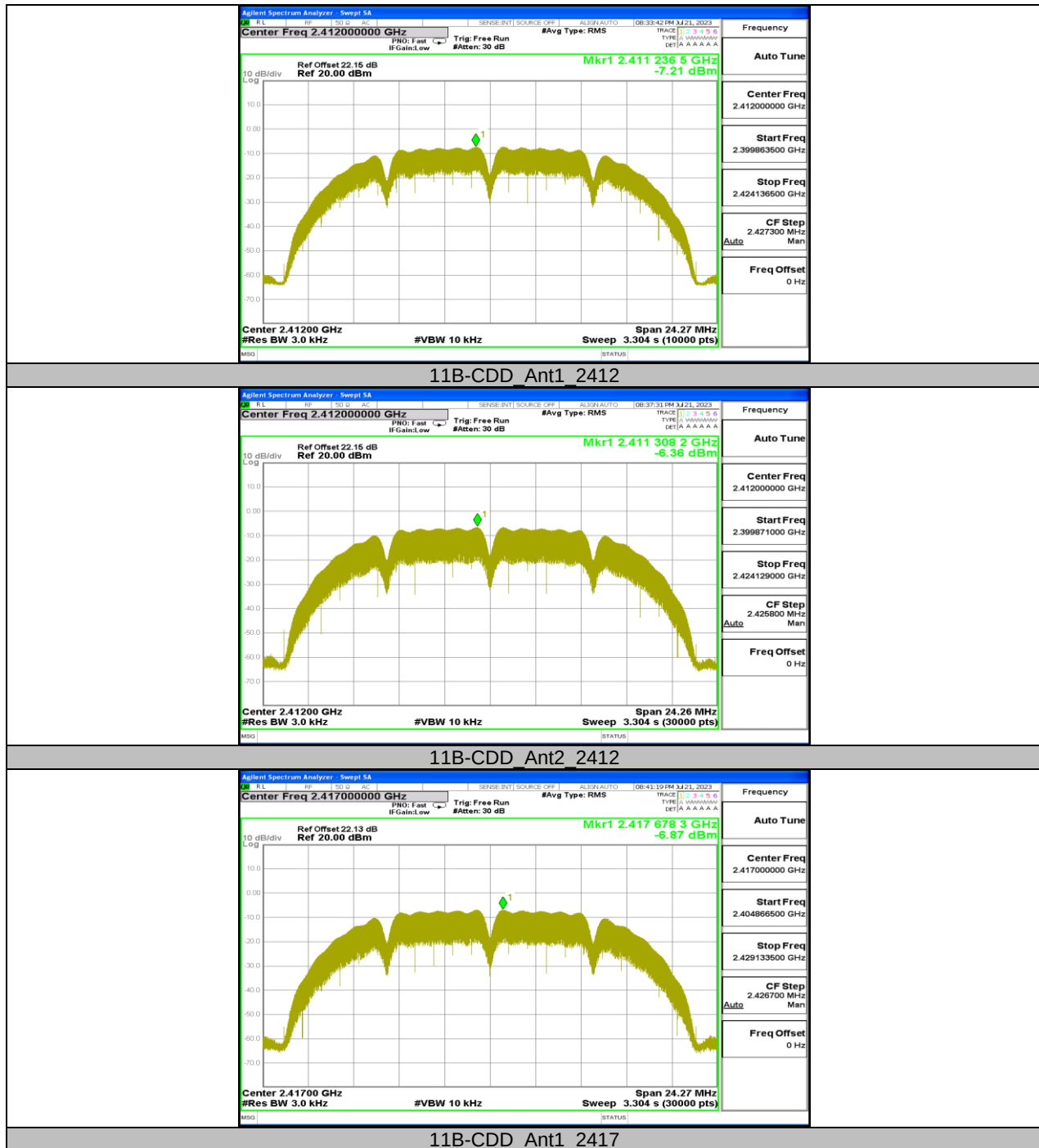
11.4.1. Test Result

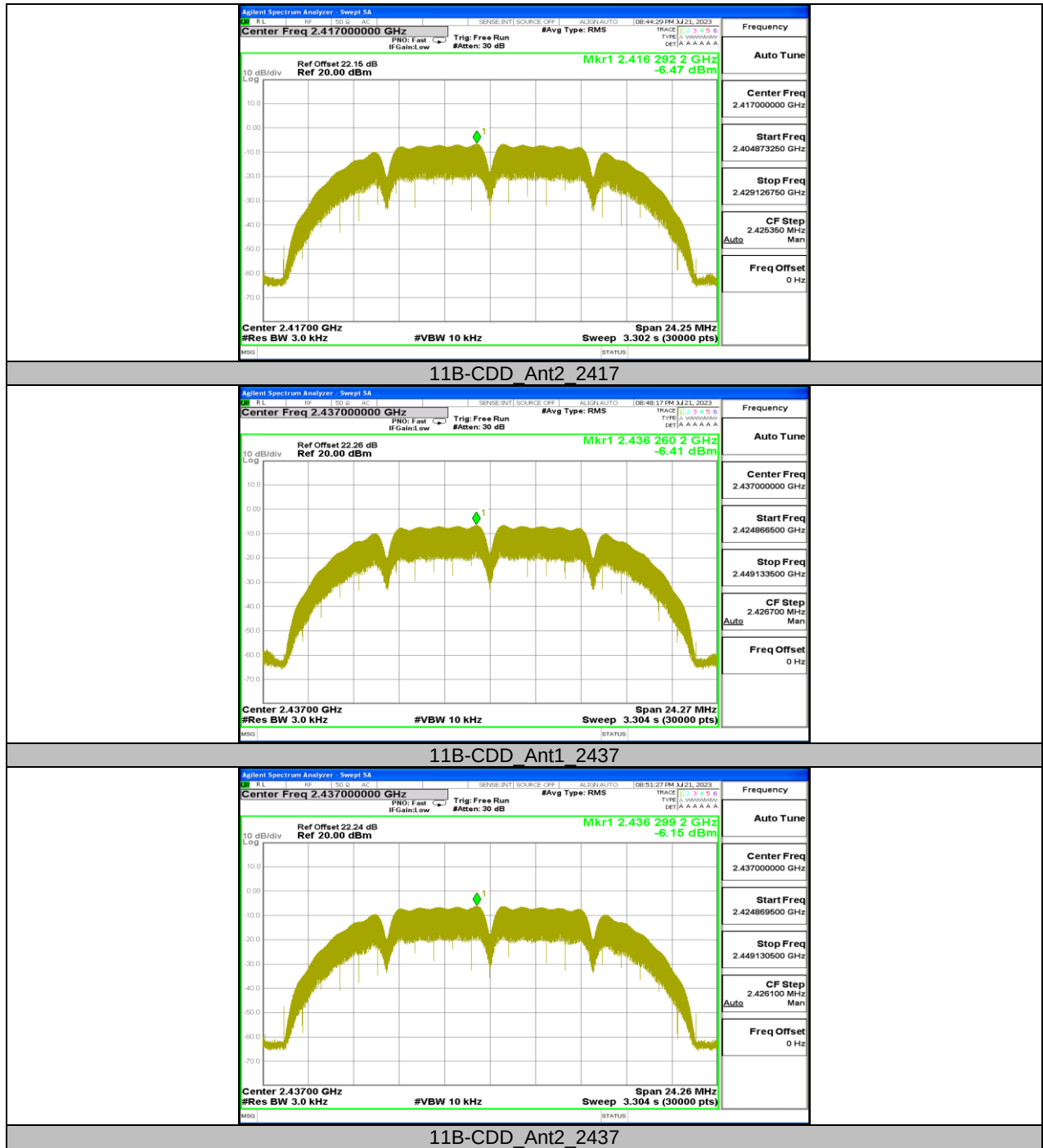
Test Mode	Antenna	Frequency[MHz]	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
11B-CDD	Ant1	2412	-7.21	≤8.00	PASS
	Ant2	2412	-6.36	≤8.00	PASS
	total	2412	-3.75	≤8.00	PASS
	Ant1	2417	-6.87	≤8.00	PASS
	Ant2	2417	-6.47	≤8.00	PASS
	total	2417	-3.66	≤8.00	PASS
	Ant1	2437	-6.41	≤8.00	PASS
	Ant2	2437	-6.15	≤8.00	PASS
	total	2437	-3.27	≤8.00	PASS
	Ant1	2457	-6.63	≤8.00	PASS
	Ant2	2457	-6.22	≤8.00	PASS
	total	2457	-3.41	≤8.00	PASS
	Ant1	2462	-6.77	≤8.00	PASS
	Ant2	2462	-6.38	≤8.00	PASS
	total	2462	-3.56	≤8.00	PASS
11G-CDD	Ant1	2412	-8.63	≤8.00	PASS
	Ant2	2412	-8.45	≤8.00	PASS
	total	2412	-5.53	≤8.00	PASS
	Ant1	2417	-8.84	≤8.00	PASS
	Ant2	2417	-7.98	≤8.00	PASS
	total	2417	-5.38	≤8.00	PASS
	Ant1	2437	-8.38	≤8.00	PASS
	Ant2	2437	-8.17	≤8.00	PASS
	total	2437	-5.26	≤8.00	PASS
	Ant1	2457	-8.66	≤8.00	PASS
	Ant2	2457	-8.2	≤8.00	PASS
	total	2457	-5.41	≤8.00	PASS
	Ant1	2462	-8.65	≤8.00	PASS
	Ant2	2462	-8.18	≤8.00	PASS
	total	2462	-5.40	≤8.00	PASS
11N20MIMO	Ant1	2412	-9.89	≤8.00	PASS
	Ant2	2412	-10.29	≤8.00	PASS
	total	2412	-7.08	≤8.00	PASS
	Ant1	2417	-9.88	≤8.00	PASS
	Ant2	2417	-10	≤8.00	PASS
	total	2417	-6.93	≤8.00	PASS
	Ant1	2437	-9.66	≤8.00	PASS
	Ant2	2437	-9.37	≤8.00	PASS
	total	2437	-6.50	≤8.00	PASS
	Ant1	2457	-9.96	≤8.00	PASS
	Ant2	2457	-9.88	≤8.00	PASS
	total	2457	-6.91	≤8.00	PASS
	Ant1	2462	-10.17	≤8.00	PASS
	Ant2	2462	-10.1	≤8.00	PASS
	total	2462	-7.12	≤8.00	PASS
11N40MIMO	Ant1	2422	-12.78	≤8.00	PASS
	Ant2	2422	-13.74	≤8.00	PASS
	total	2422	-10.22	≤8.00	PASS
	Ant1	2427	-13.12	≤8.00	PASS
	Ant2	2427	-12.74	≤8.00	PASS
	total	2427	-9.92	≤8.00	PASS
	Ant1	2437	-12.96	≤8.00	PASS
	Ant2	2437	-12.88	≤8.00	PASS
	total	2437	-9.91	≤8.00	PASS
	Ant1	2447	-13.55	≤8.00	PASS

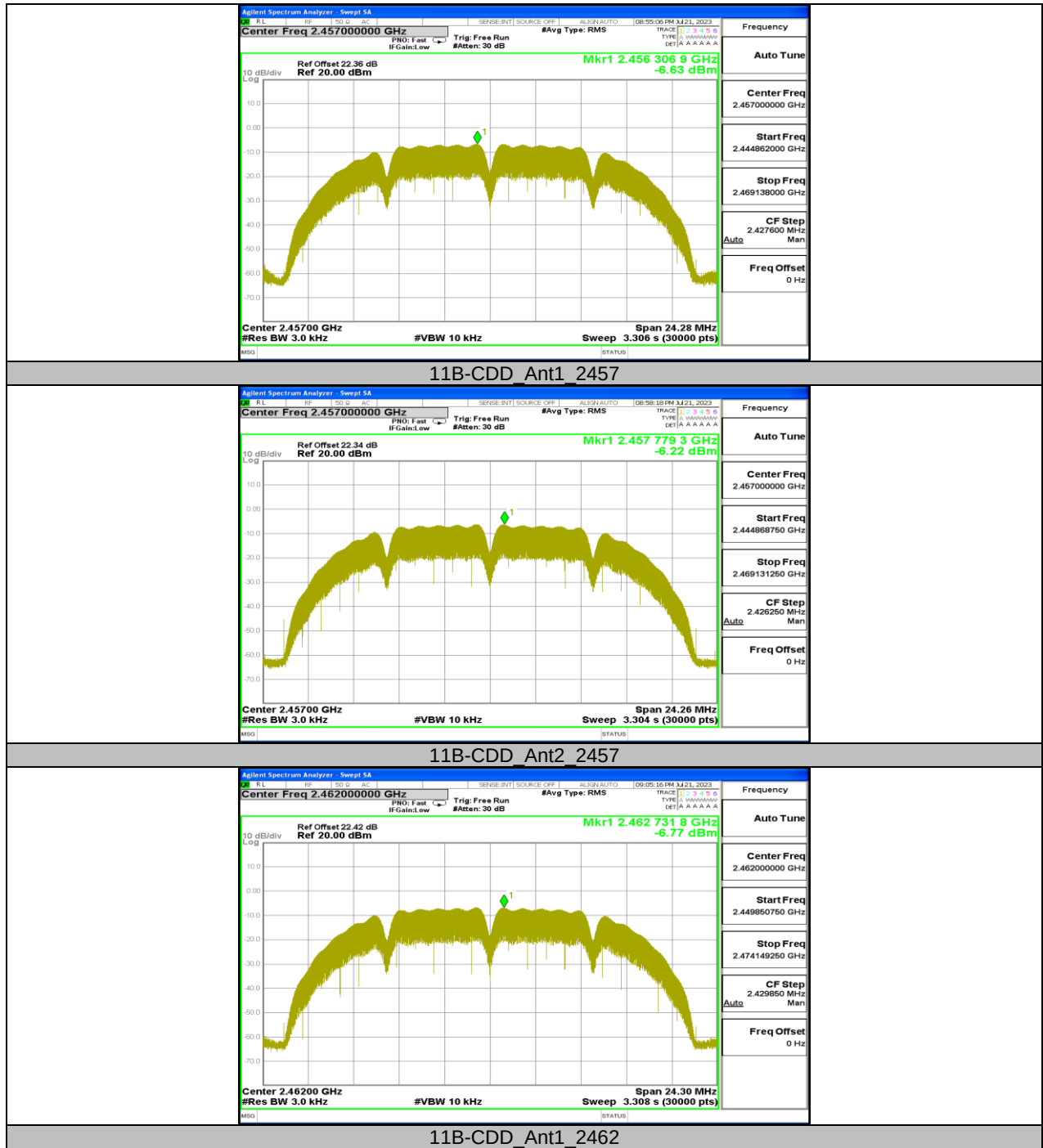
	Ant2	2447	-13.42	≤8.00	PASS
	total	2447	-10.47	≤8.00	PASS
	Ant1	2452	-13.92	≤8.00	PASS
	Ant2	2452	-14.15	≤8.00	PASS
	total	2452	-11.02	≤8.00	PASS
11BE20MIMO	Ant1	2412	-11.07	≤8.00	PASS
	Ant2	2412	-11.79	≤8.00	PASS
	total	2412	-8.40	≤8.00	PASS
	Ant1	2417	-11.11	≤8.00	PASS
	Ant2	2417	-10.49	≤8.00	PASS
	total	2417	-7.78	≤8.00	PASS
	Ant1	2437	-9.85	≤8.00	PASS
	Ant2	2437	-9.59	≤8.00	PASS
	total	2437	-6.71	≤8.00	PASS
	Ant1	2457	-9.43	≤8.00	PASS
	Ant2	2457	-10.58	≤8.00	PASS
	total	2457	-6.96	≤8.00	PASS
	Ant1	2462	-11.52	≤8.00	PASS
	Ant2	2462	-10.82	≤8.00	PASS
	total	2462	-8.15	≤8.00	PASS
11BE40MIMO	Ant1	2422	-14.78	≤8.00	PASS
	Ant2	2422	-14.83	≤8.00	PASS
	total	2422	-11.79	≤8.00	PASS
	Ant1	2427	-14	≤8.00	PASS
	Ant2	2427	-14.04	≤8.00	PASS
	total	2427	-11.01	≤8.00	PASS
	Ant1	2437	-14.11	≤8.00	PASS
	Ant2	2437	-13.9	≤8.00	PASS
	total	2437	-10.99	≤8.00	PASS
	Ant1	2447	-14.18	≤8.00	PASS
	Ant2	2447	-14.58	≤8.00	PASS
	total	2447	-11.37	≤8.00	PASS
	Ant1	2452	-15.08	≤8.00	PASS
	Ant2	2452	-14.43	≤8.00	PASS
	total	2452	-11.73	≤8.00	PASS

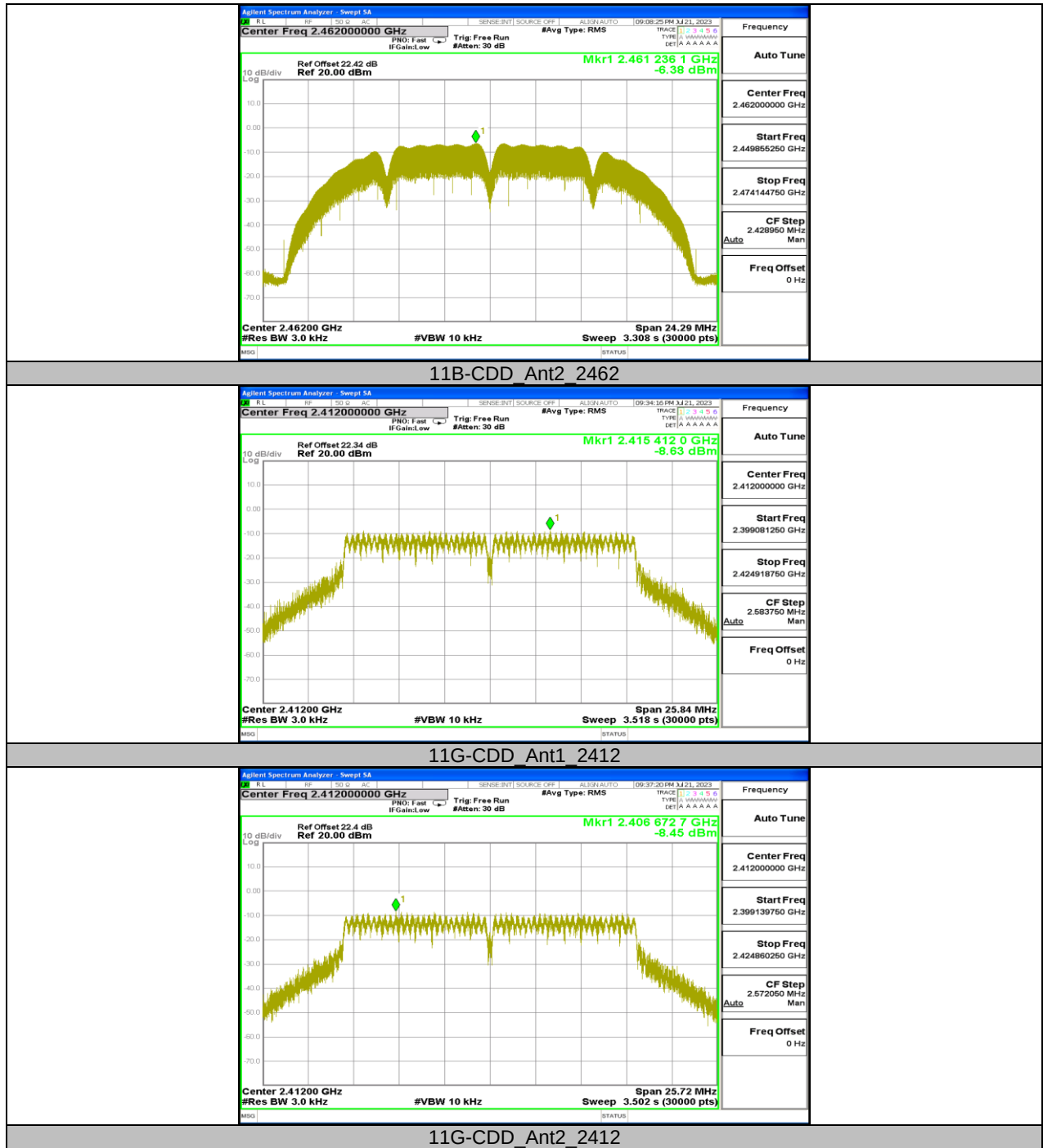
Note: 1. The Duty Cycle Factor (refer to section 7.5) had already compensated to the test data.
2. All the modes had been test, but only the worst data was recorded in the report.

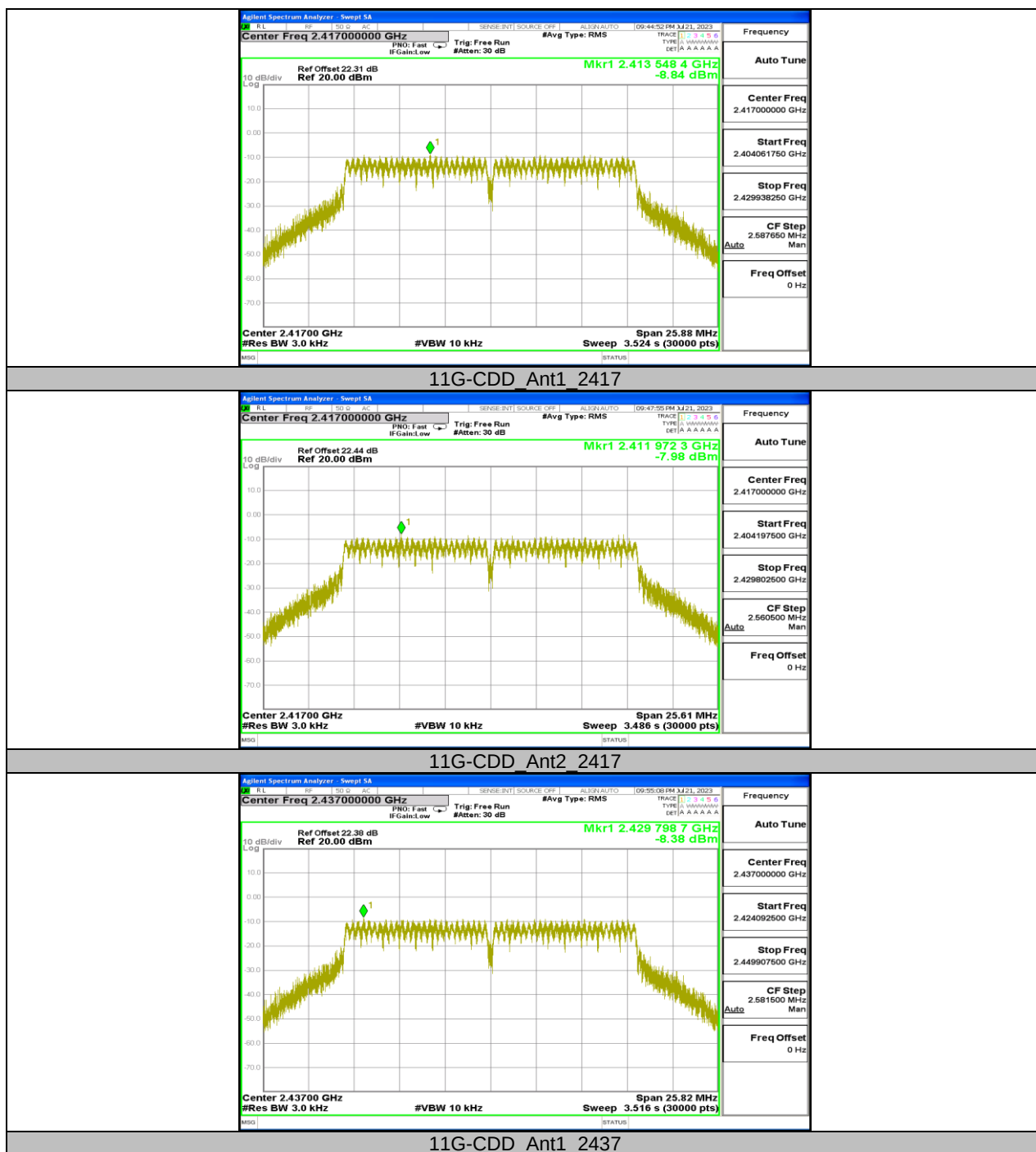
11.4.2. Test Graphs

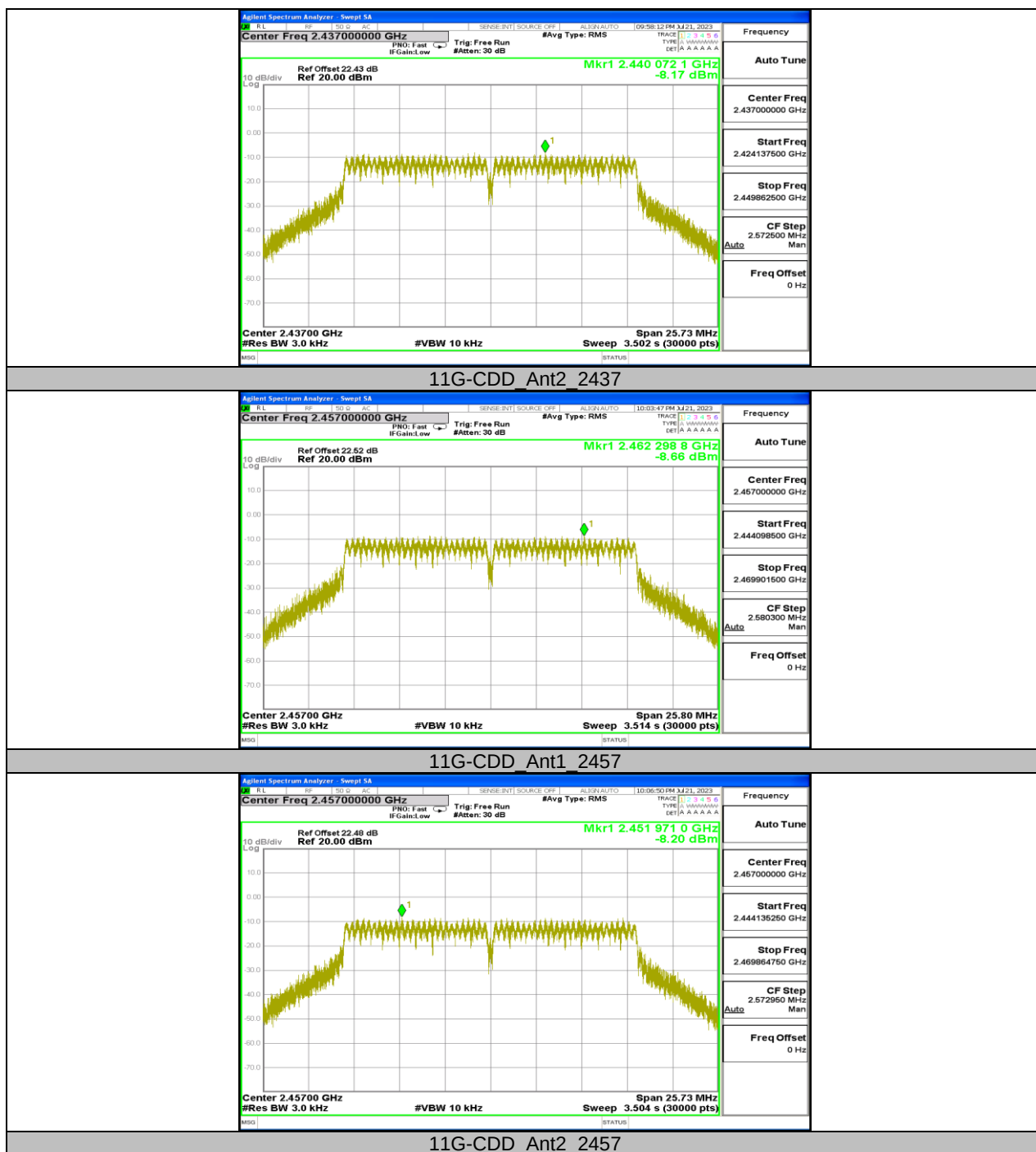


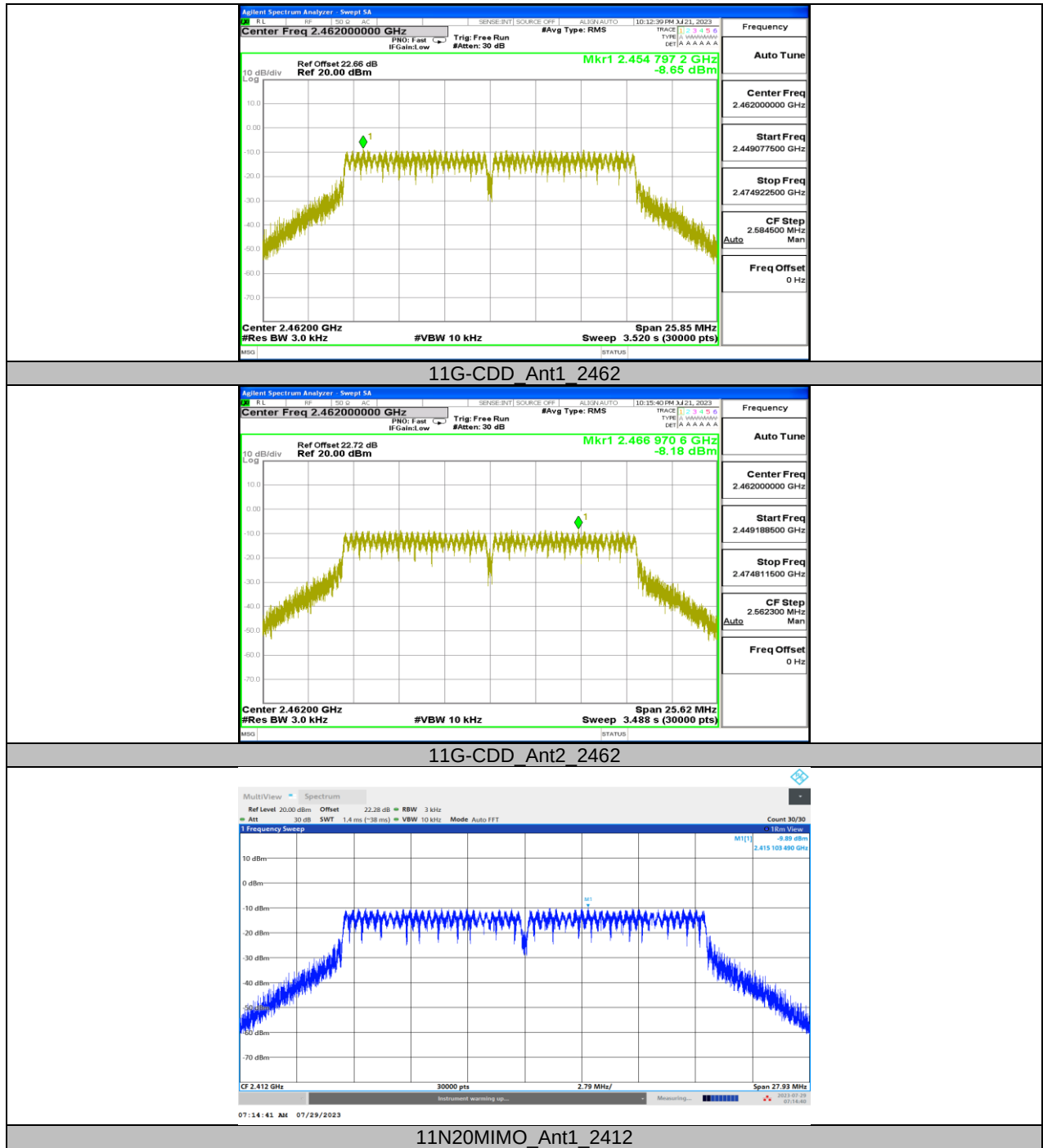


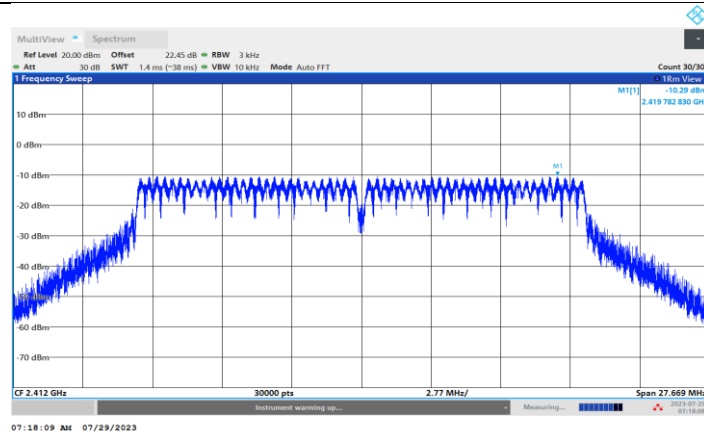




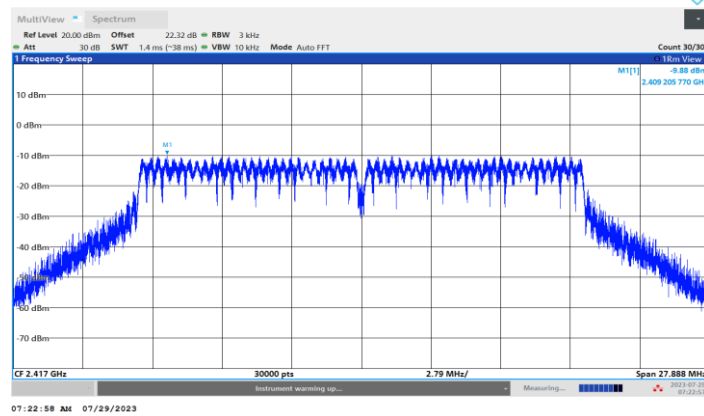




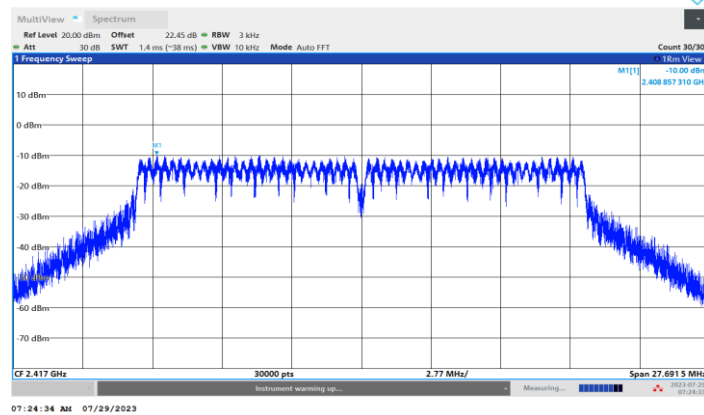




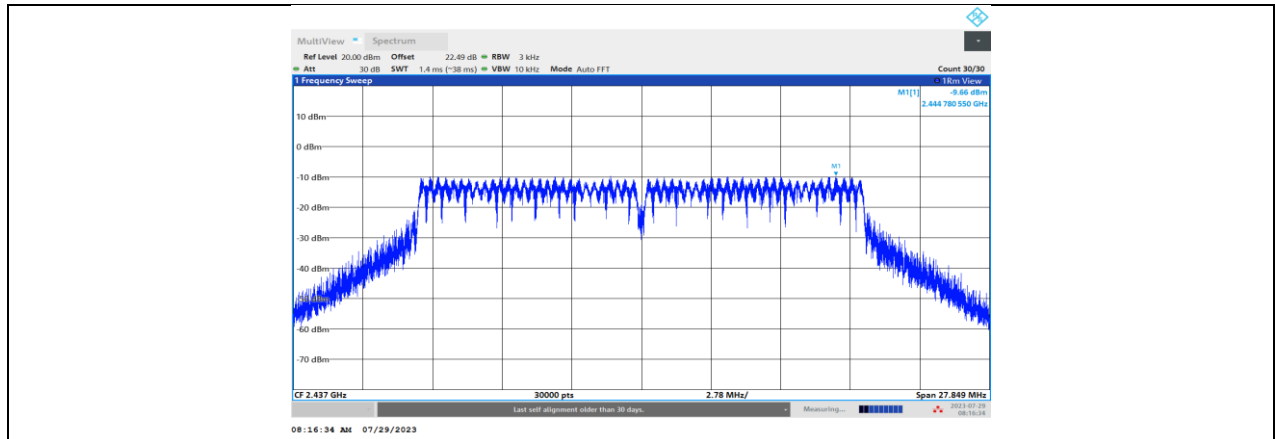
11N20MIMO_Ant2_2412



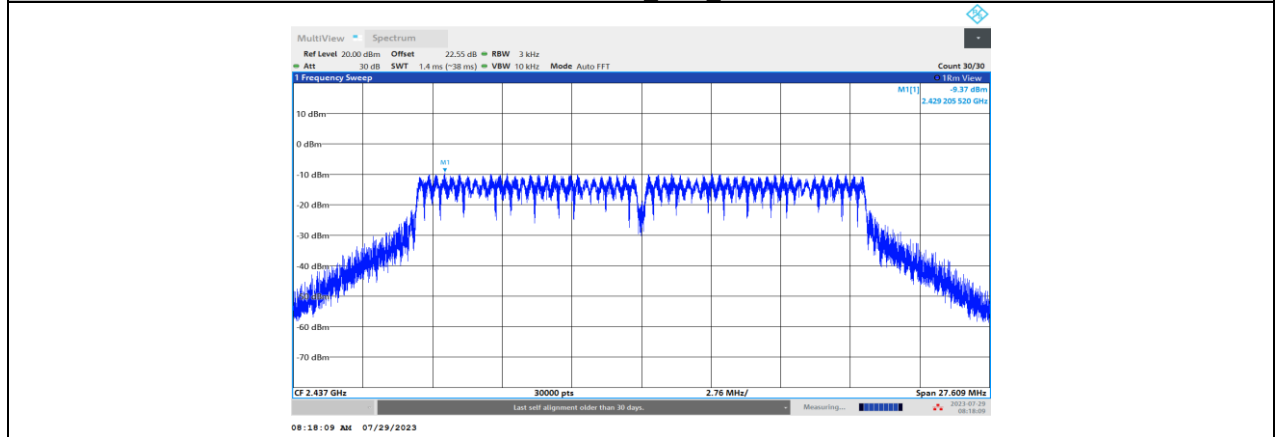
11N20MIMO_Ant1_2417



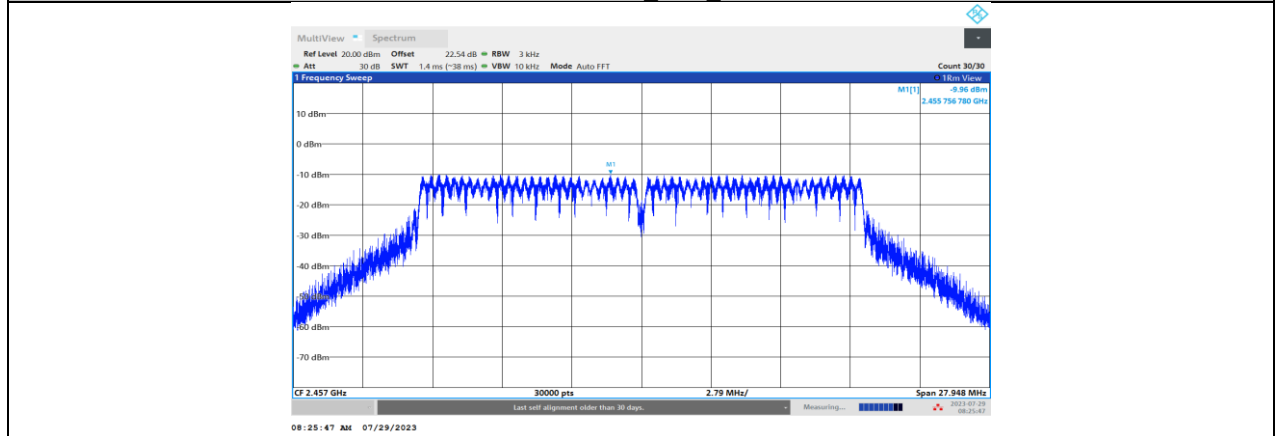
11N20MIMO_Ant2_2417



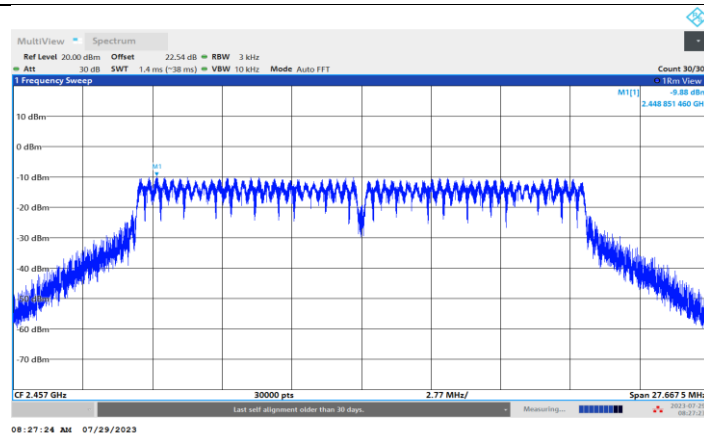
11N20MIMO_Ant1_2437



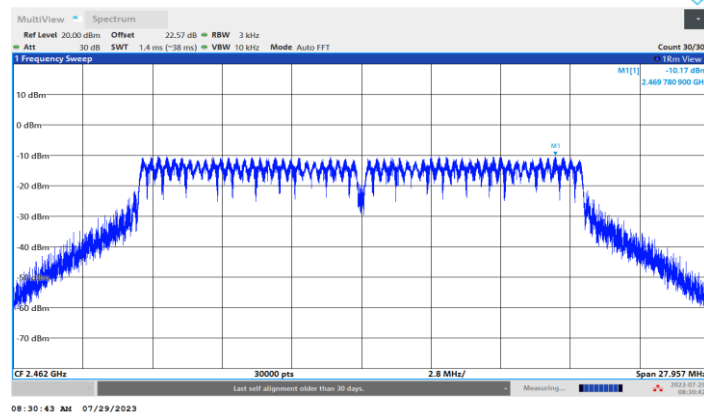
11N20MIMO_Ant2_2437



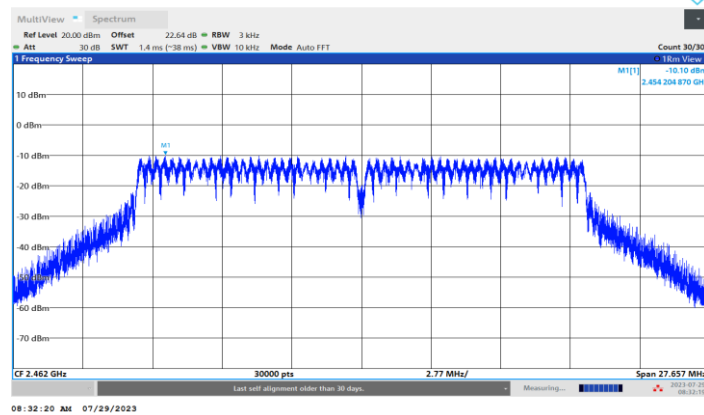
11N20MIMO_Ant1_2457



11N20MIMO_Ant2_2457



11N20MIMO_Ant1_2462



11N20MIMO_Ant2_2462







