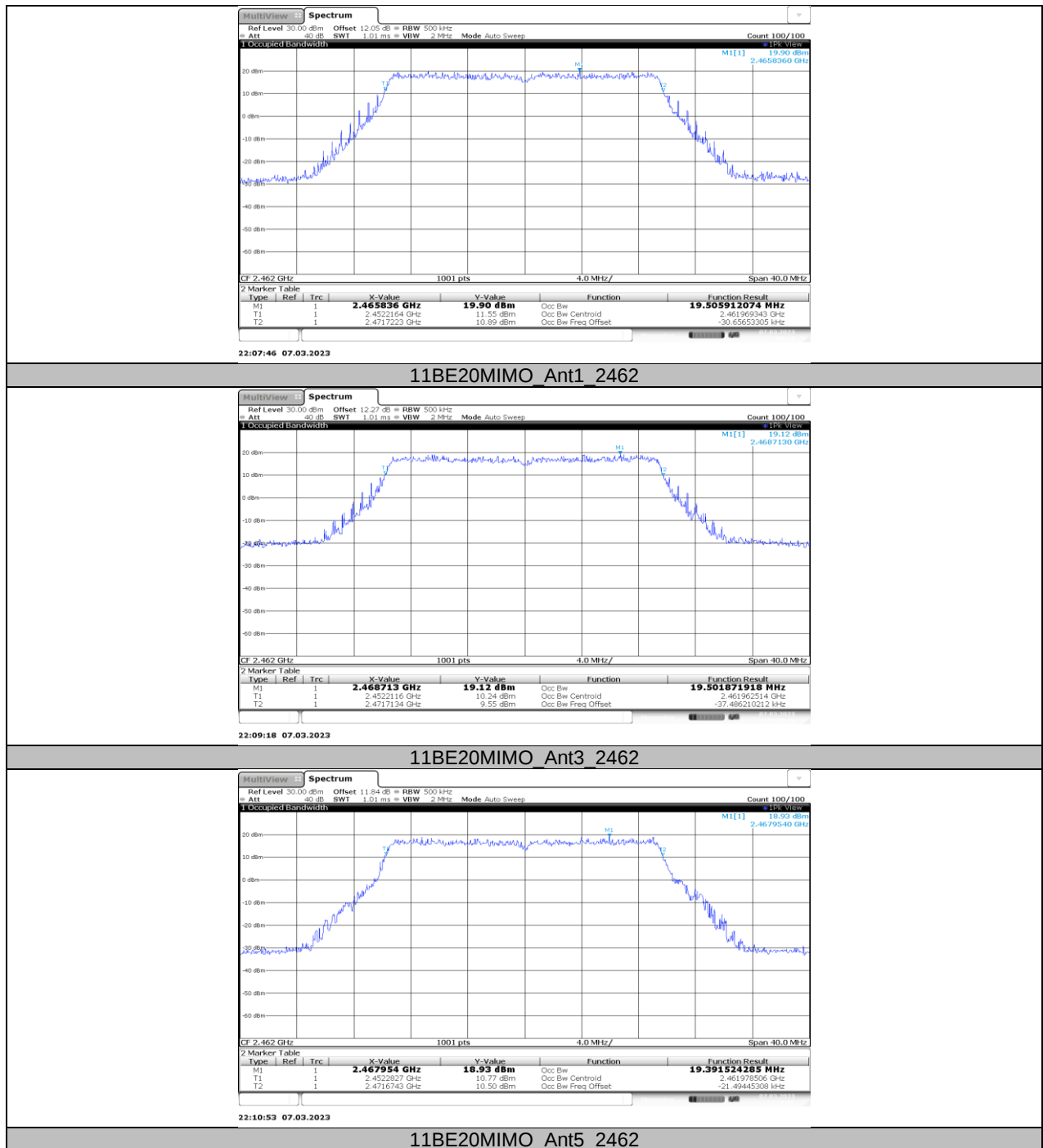
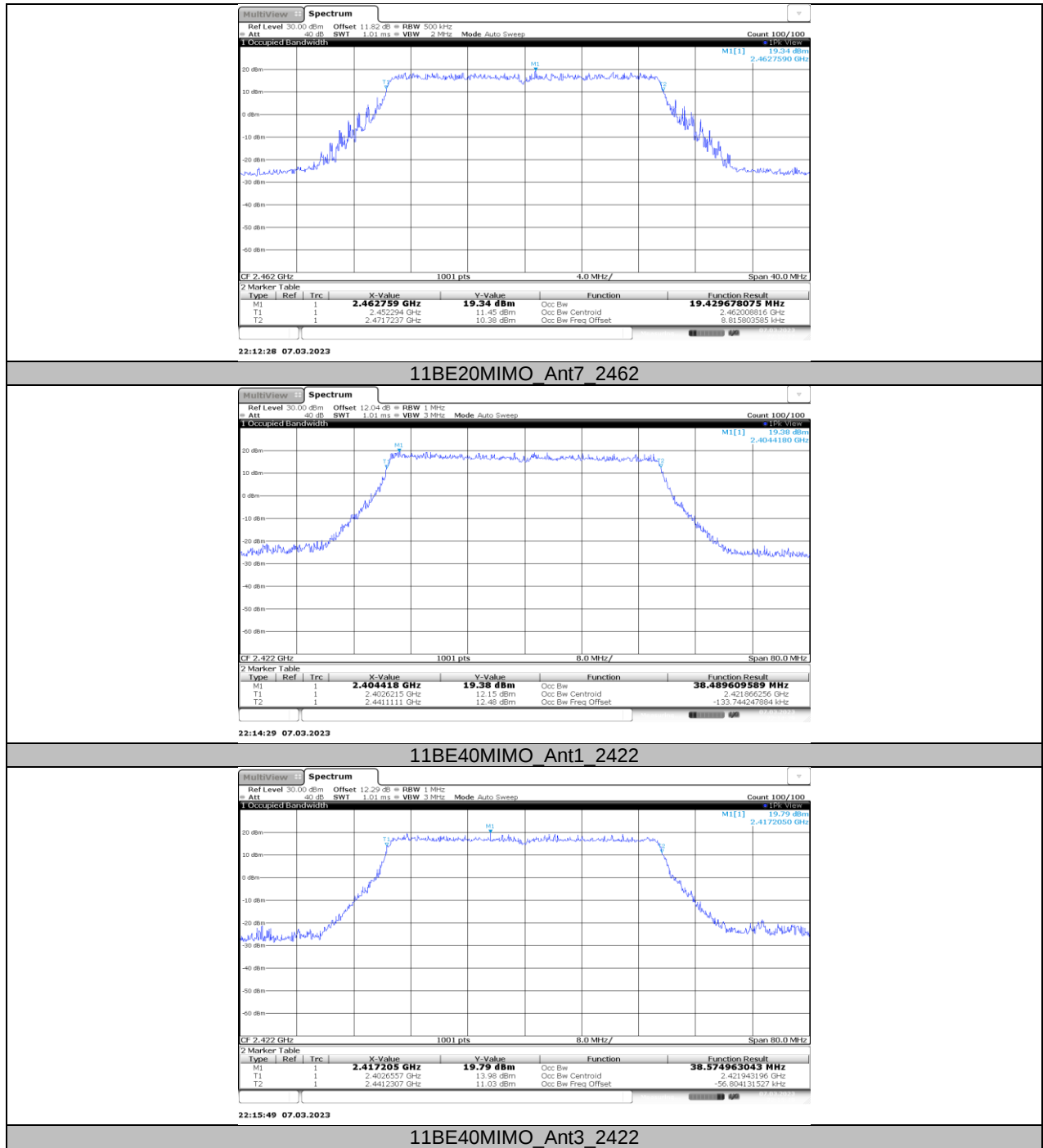
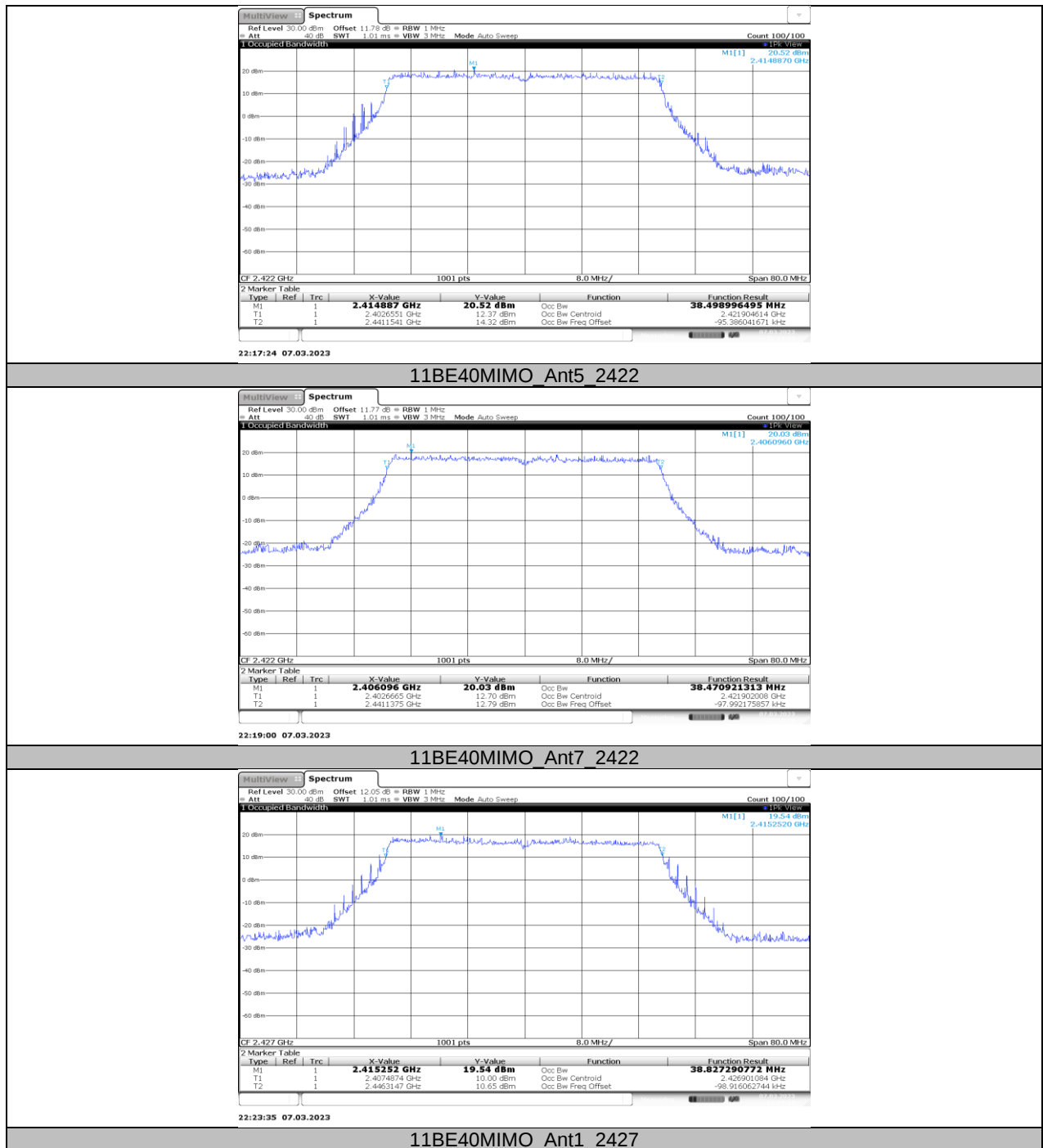
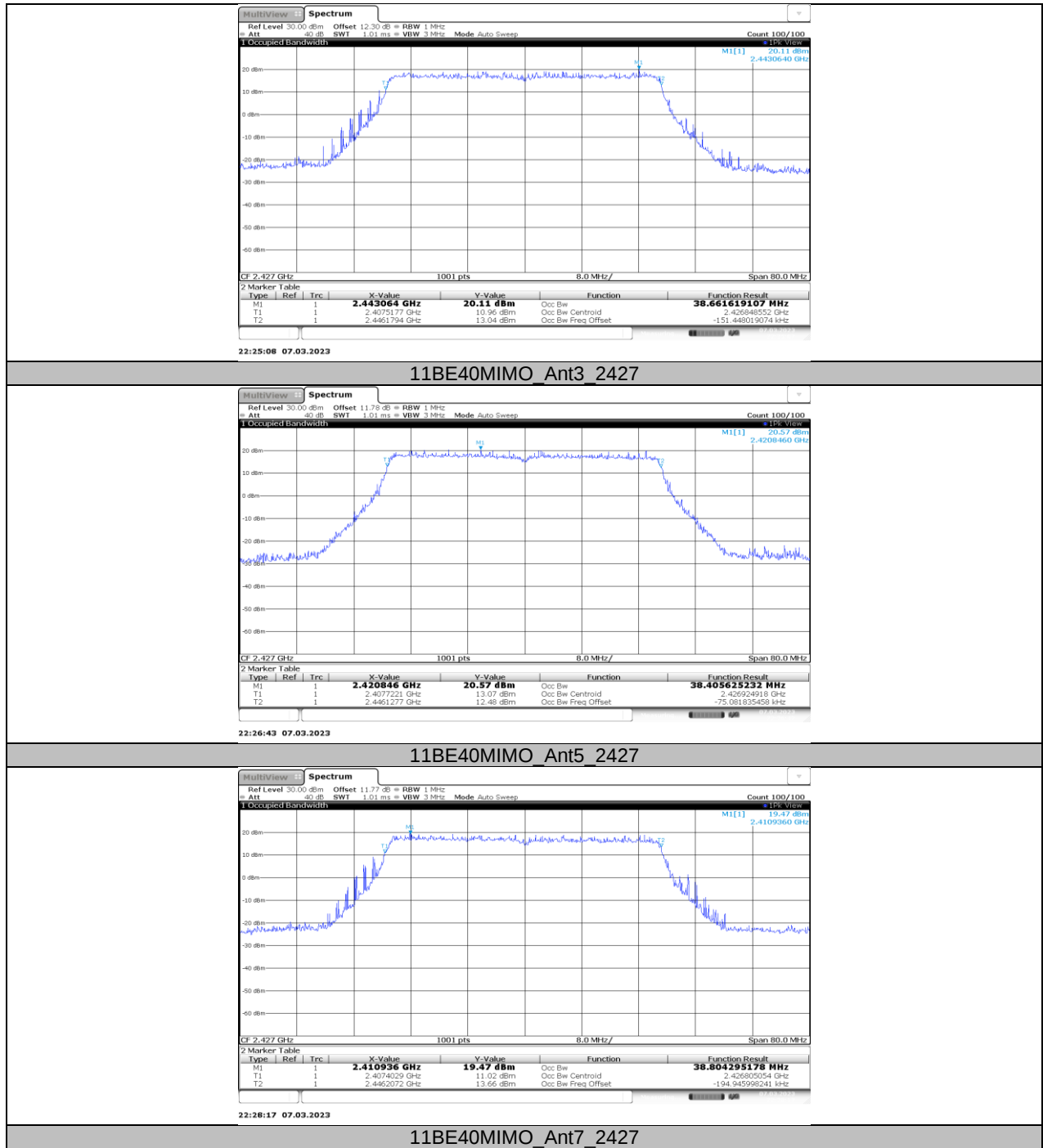
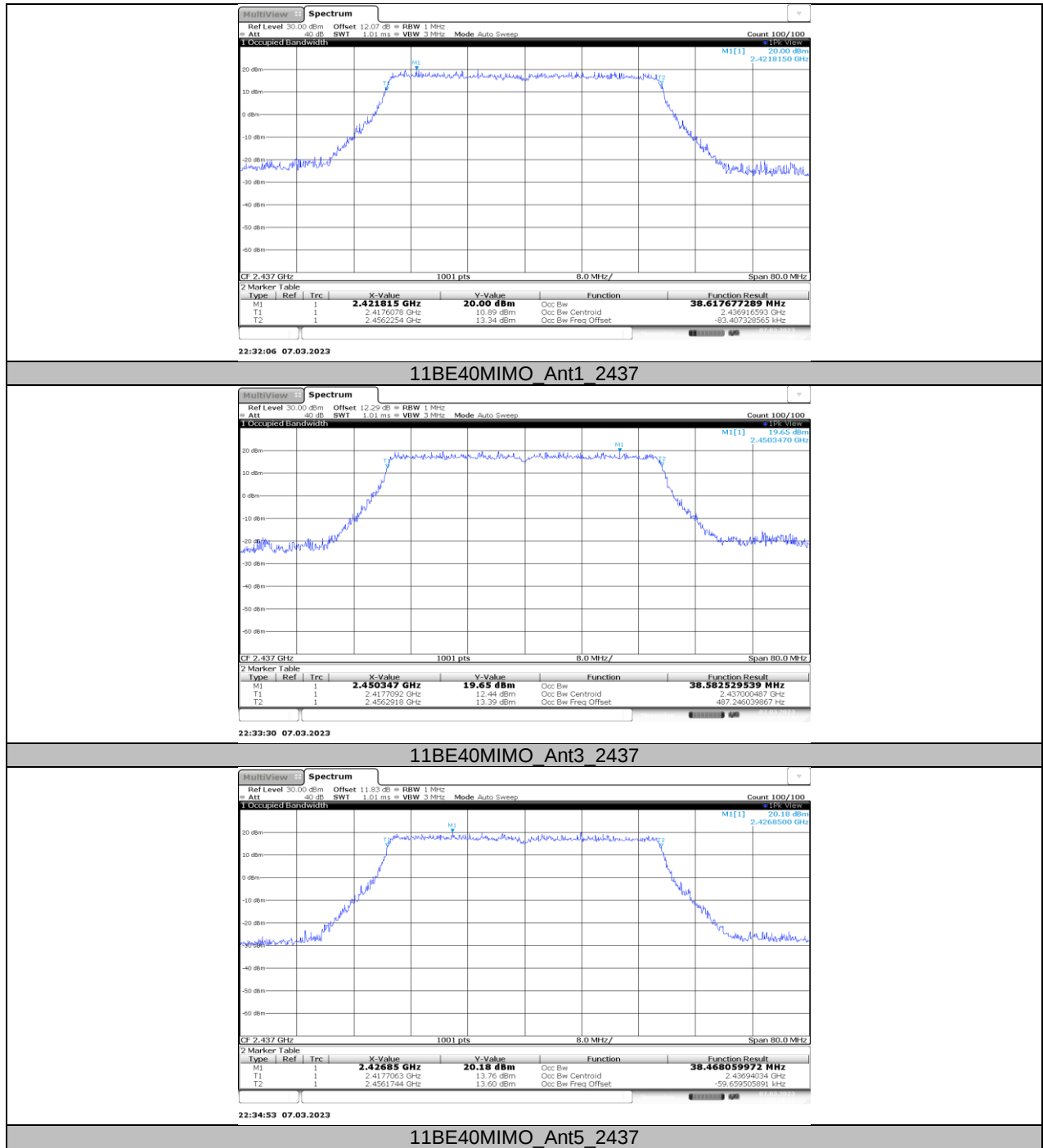


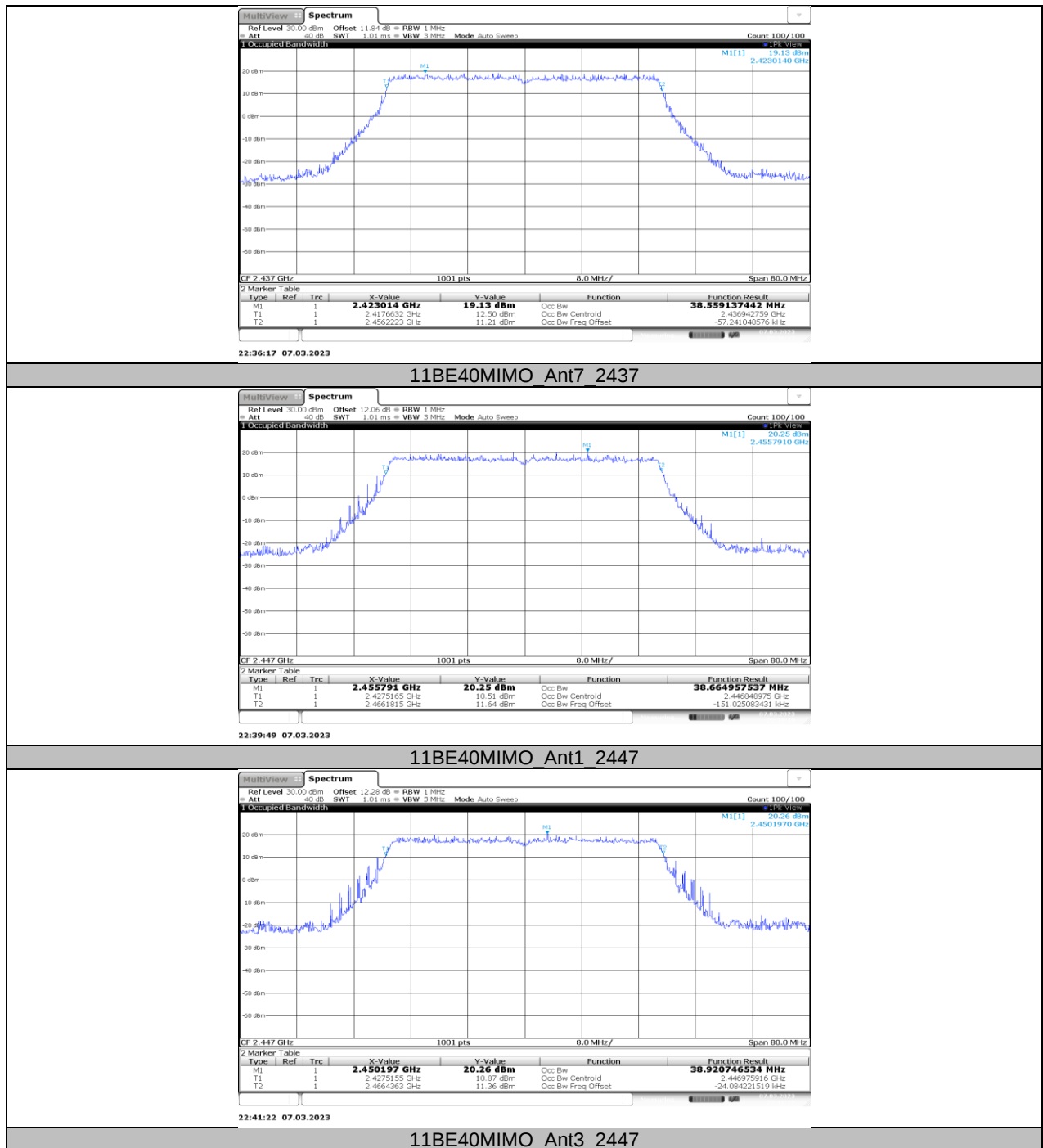


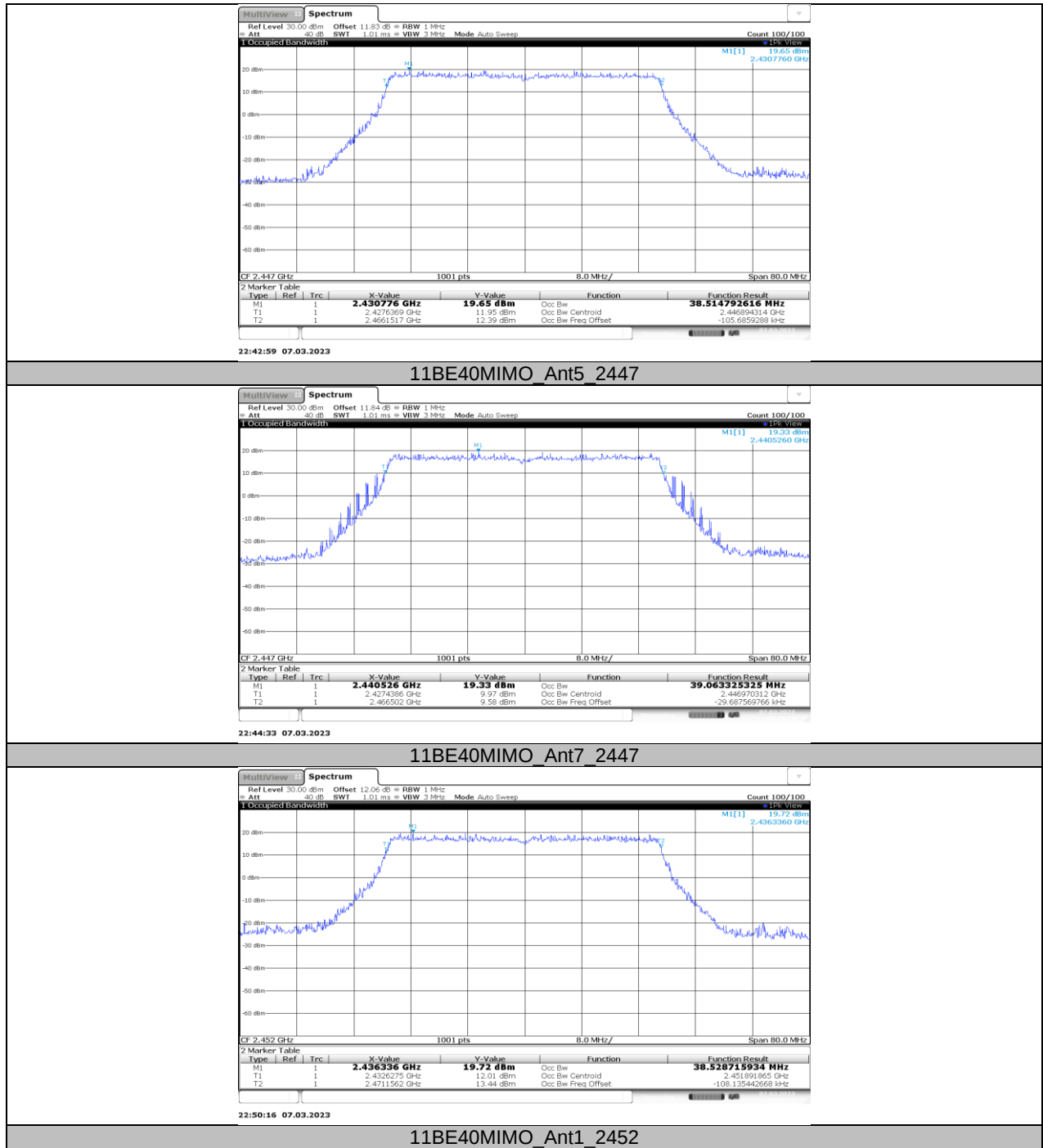


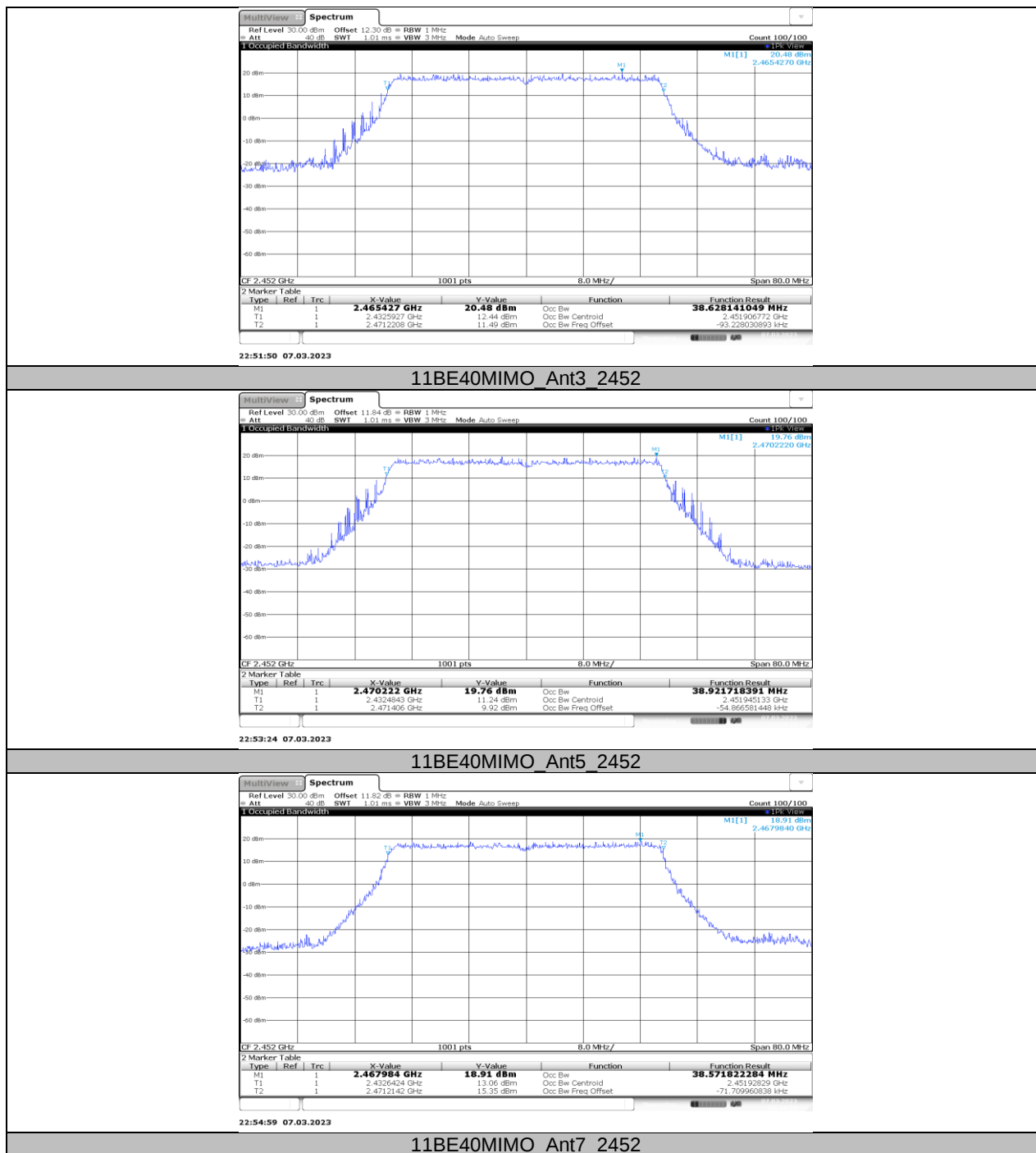












11.3. APPENDIX C: MAXIMUM CONDUCTED OUTPUT POWER

11.3.1. Test Result

Test Mode	Antenna	Channel	Result[dBm]	Limit[dBm]	EIRP Result[dBm]	EIRP Limit [dBm]	Verdict
11B-CDD	Ant1	2412	22.18	≤30.00	24.18	≤36.02	PASS
	Ant3	2412	22.27	≤30.00	24.27	≤36.02	PASS
	Ant5	2412	22.24	≤30.00	24.24	≤36.02	PASS
	Ant7	2412	22.12	≤30.00	24.12	≤36.02	PASS
	total	2412	28.22	≤30.00	30.22	≤36.02	PASS
	Ant1	2417	23.41	≤30.00	25.41	≤36.02	PASS
	Ant3	2417	23.29	≤30.00	25.29	≤36.02	PASS
	Ant5	2417	23.82	≤30.00	25.82	≤36.02	PASS
	Ant7	2417	23.39	≤30.00	25.39	≤36.02	PASS
	total	2417	29.50	≤30.00	31.5	≤36.02	PASS
	Ant1	2437	23.55	≤30.00	25.55	≤36.02	PASS
	Ant3	2437	23.77	≤30.00	25.77	≤36.02	PASS
	Ant5	2437	23.63	≤30.00	25.63	≤36.02	PASS
	Ant7	2437	23.19	≤30.00	25.19	≤36.02	PASS
	total	2437	29.56	≤30.00	31.56	≤36.02	PASS
	Ant1	2457	21.08	≤30.00	23.08	≤36.02	PASS
	Ant3	2457	20.79	≤30.00	22.79	≤36.02	PASS
	Ant5	2457	20.21	≤30.00	22.21	≤36.02	PASS
	Ant7	2457	20.11	≤30.00	22.11	≤36.02	PASS
	total	2457	26.59	≤30.00	28.59	≤36.02	PASS
11G-CDD	Ant1	2462	21.41	≤30.00	23.41	≤36.02	PASS
	Ant3	2462	20.38	≤30.00	22.38	≤36.02	PASS
	Ant5	2462	19.71	≤30.00	21.71	≤36.02	PASS
	Ant7	2462	19.71	≤30.00	21.71	≤36.02	PASS
	total	2462	26.38	≤30.00	28.38	≤36.02	PASS
	Ant1	2412	21.80	≤30.00	23.8	≤36.02	PASS
	Ant3	2412	21.67	≤30.00	23.67	≤36.02	PASS
	Ant5	2412	22.37	≤30.00	24.37	≤36.02	PASS
	Ant7	2412	22.00	≤30.00	24	≤36.02	PASS
	total	2412	27.99	≤30.00	29.99	≤36.02	PASS
	Ant1	2417	22.77	≤30.00	24.77	≤36.02	PASS
	Ant3	2417	22.74	≤30.00	24.74	≤36.02	PASS
	Ant5	2417	23.22	≤30.00	25.22	≤36.02	PASS
	Ant7	2417	23.17	≤30.00	25.17	≤36.02	PASS
	total	2417	29.00	≤30.00	31	≤36.02	PASS
	Ant1	2437	23.63	≤30.00	25.63	≤36.02	PASS
	Ant3	2437	23.89	≤30.00	25.89	≤36.02	PASS
	Ant5	2437	24.00	≤30.00	26	≤36.02	PASS
	Ant7	2437	23.39	≤30.00	25.39	≤36.02	PASS
	total	2437	29.75	≤30.00	31.75	≤36.02	PASS
11AX20MIMO	Ant1	2457	22.60	≤30.00	24.6	≤36.02	PASS
	Ant3	2457	22.53	≤30.00	24.53	≤36.02	PASS
	Ant5	2457	21.75	≤30.00	23.75	≤36.02	PASS
	Ant7	2457	21.83	≤30.00	23.83	≤36.02	PASS
	total	2457	28.22	≤30.00	30.22	≤36.02	PASS
	Ant1	2462	22.55	≤30.00	24.55	≤36.02	PASS
	Ant3	2462	22.06	≤30.00	24.06	≤36.02	PASS
	Ant5	2462	21.63	≤30.00	23.63	≤36.02	PASS
	Ant7	2462	21.55	≤30.00	23.55	≤36.02	PASS
	total	2462	27.99	≤30.00	29.99	≤36.02	PASS
	Ant1	2412	19.57	≤30.00	21.57	≤36.02	PASS
	Ant3	2412	19.62	≤30.00	21.62	≤36.02	PASS
	Ant5	2412	20.34	≤30.00	22.34	≤36.02	PASS
	Ant7	2412	20.03	≤30.00	22.03	≤36.02	PASS
	total	2412	25.92	≤30.00	27.92	≤36.02	PASS

	Ant1	2417	21.81	≤30.00	23.81	≤36.02	PASS
	Ant3	2417	21.71	≤30.00	23.71	≤36.02	PASS
	Ant5	2417	22.47	≤30.00	24.47	≤36.02	PASS
	Ant7	2417	21.94	≤30.00	23.94	≤36.02	PASS
	total	2417	28.01	≤30.00	30.01	≤36.02	PASS
	Ant1	2437	21.95	≤30.00	23.95	≤36.02	PASS
	Ant3	2437	22.23	≤30.00	24.23	≤36.02	PASS
	Ant5	2437	22.30	≤30.00	24.3	≤36.02	PASS
	Ant7	2437	21.95	≤30.00	23.95	≤36.02	PASS
	total	2437	28.13	≤30.00	30.13	≤36.02	PASS
	Ant1	2457	21.88	≤30.00	23.88	≤36.02	PASS
	Ant3	2457	21.43	≤30.00	23.43	≤36.02	PASS
	Ant5	2457	20.93	≤30.00	22.93	≤36.02	PASS
	Ant7	2457	20.70	≤30.00	22.7	≤36.02	PASS
	total	2457	27.28	≤30.00	29.28	≤36.02	PASS
	Ant1	2462	20.81	≤30.00	22.81	≤36.02	PASS
	Ant3	2462	20.42	≤30.00	22.42	≤36.02	PASS
	Ant5	2462	20.13	≤30.00	22.13	≤36.02	PASS
	Ant7	2462	19.90	≤30.00	21.9	≤36.02	PASS
	total	2462	26.35	≤30.00	28.35	≤36.02	PASS
11AX40MIMO	Ant1	2422	21.18	≤30.00	23.18	≤36.02	PASS
	Ant3	2422	21.24	≤30.00	23.24	≤36.02	PASS
	Ant5	2422	21.84	≤30.00	23.84	≤36.02	PASS
	Ant7	2422	21.11	≤30.00	23.11	≤36.02	PASS
	total	2422	27.37	≤30.00	29.37	≤36.02	PASS
	Ant1	2427	21.11	≤30.00	23.11	≤36.02	PASS
	Ant3	2427	21.31	≤30.00	23.31	≤36.02	PASS
	Ant5	2427	21.70	≤30.00	23.7	≤36.02	PASS
	Ant7	2427	21.04	≤30.00	23.04	≤36.02	PASS
	total	2427	27.32	≤30.00	29.32	≤36.02	PASS
	Ant1	2437	21.37	≤30.00	23.37	≤36.02	PASS
	Ant3	2437	21.57	≤30.00	23.57	≤36.02	PASS
	Ant5	2437	21.70	≤30.00	23.7	≤36.02	PASS
	Ant7	2437	21.27	≤30.00	23.27	≤36.02	PASS
	total	2437	27.50	≤30.00	29.5	≤36.02	PASS
	Ant1	2447	22.37	≤30.00	24.37	≤36.02	PASS
	Ant3	2447	22.52	≤30.00	24.52	≤36.02	PASS
	Ant5	2447	22.36	≤30.00	24.36	≤36.02	PASS
	Ant7	2447	21.73	≤30.00	23.73	≤36.02	PASS
	total	2447	28.28	≤30.00	30.28	≤36.02	PASS
	Ant1	2452	21.29	≤30.00	23.29	≤36.02	PASS
	Ant3	2452	21.61	≤30.00	23.61	≤36.02	PASS
	Ant5	2452	21.25	≤30.00	23.25	≤36.02	PASS
	Ant7	2452	21.04	≤30.00	23.04	≤36.02	PASS
	total	2452	27.32	≤30.00	29.32	≤36.02	PASS
11BE20MIMO	Ant1	2412	20.56	≤30.00	22.56	≤36.02	PASS
	Ant3	2412	20.95	≤30.00	22.95	≤36.02	PASS
	Ant5	2412	20.77	≤30.00	22.77	≤36.02	PASS
	Ant7	2412	20.81	≤30.00	22.81	≤36.02	PASS
	total	2412	26.80	≤30.00	28.80	≤36.02	PASS
	Ant1	2417	22.19	≤30.00	24.19	≤36.02	PASS
	Ant3	2417	22.01	≤30.00	24.01	≤36.02	PASS
	Ant5	2417	22.92	≤30.00	24.92	≤36.02	PASS
	Ant7	2417	22.44	≤30.00	24.44	≤36.02	PASS
	total	2417	28.42	≤30.00	30.42	≤36.02	PASS
	Ant1	2437	23.27	≤30.00	25.27	≤36.02	PASS
	Ant3	2437	23.53	≤30.00	25.53	≤36.02	PASS
	Ant5	2437	23.55	≤30.00	25.55	≤36.02	PASS
	Ant7	2437	23.21	≤30.00	25.21	≤36.02	PASS
	total	2437	29.41	≤30.00	31.41	≤36.02	PASS
	Ant1	2457	22.68	≤30.00	24.68	≤36.02	PASS
	Ant3	2457	22.48	≤30.00	24.48	≤36.02	PASS
	Ant5	2457	21.86	≤30.00	23.86	≤36.02	PASS

	Ant7	2457	21.84	≤30.00	23.84	≤36.02	PASS
	total	2457	28.25	≤30.00	30.25	≤36.02	PASS
	Ant1	2462	22.06	≤30.00	24.06	≤36.02	PASS
	Ant3	2462	22.01	≤30.00	24.01	≤36.02	PASS
	Ant5	2462	21.68	≤30.00	23.68	≤36.02	PASS
	Ant7	2462	21.47	≤30.00	23.47	≤36.02	PASS
	total	2462	27.83	≤30.00	29.83	≤36.02	PASS
11BE40MIMO	Ant1	2422	21.35	≤30.00	23.35	≤36.02	PASS
	Ant3	2422	21.36	≤30.00	23.36	≤36.02	PASS
	Ant5	2422	21.99	≤30.00	23.99	≤36.02	PASS
	Ant7	2422	21.49	≤30.00	23.49	≤36.02	PASS
	total	2422	27.58	≤30.00	29.58	≤36.02	PASS
	Ant1	2427	21.47	≤30.00	23.47	≤36.02	PASS
	Ant3	2427	21.70	≤30.00	23.7	≤36.02	PASS
	Ant5	2427	21.95	≤30.00	23.95	≤36.02	PASS
	Ant7	2427	21.43	≤30.00	23.43	≤36.02	PASS
	total	2427	27.66	≤30.00	29.66	≤36.02	PASS
	Ant1	2437	21.71	≤30.00	23.71	≤36.02	PASS
	Ant3	2437	21.92	≤30.00	23.92	≤36.02	PASS
	Ant5	2437	22.07	≤30.00	24.07	≤36.02	PASS
	Ant7	2437	21.45	≤30.00	23.45	≤36.02	PASS
	total	2437	27.81	≤30.00	29.81	≤36.02	PASS
	Ant1	2447	20.88	≤30.00	22.88	≤36.02	PASS
	Ant3	2447	21.06	≤30.00	23.06	≤36.02	PASS
	Ant5	2447	20.75	≤30.00	22.75	≤36.02	PASS
	Ant7	2447	20.55	≤30.00	22.55	≤36.02	PASS
	total	2447	26.83	≤30.00	28.83	≤36.02	PASS
	Ant1	2452	20.66	≤30.00	22.66	≤36.02	PASS
	Ant3	2452	20.91	≤30.00	22.91	≤36.02	PASS
	Ant5	2452	20.65	≤30.00	22.65	≤36.02	PASS
	Ant7	2452	20.44	≤30.00	22.44	≤36.02	PASS
	total	2452	26.69	≤30.00	28.69	≤36.02	PASS

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

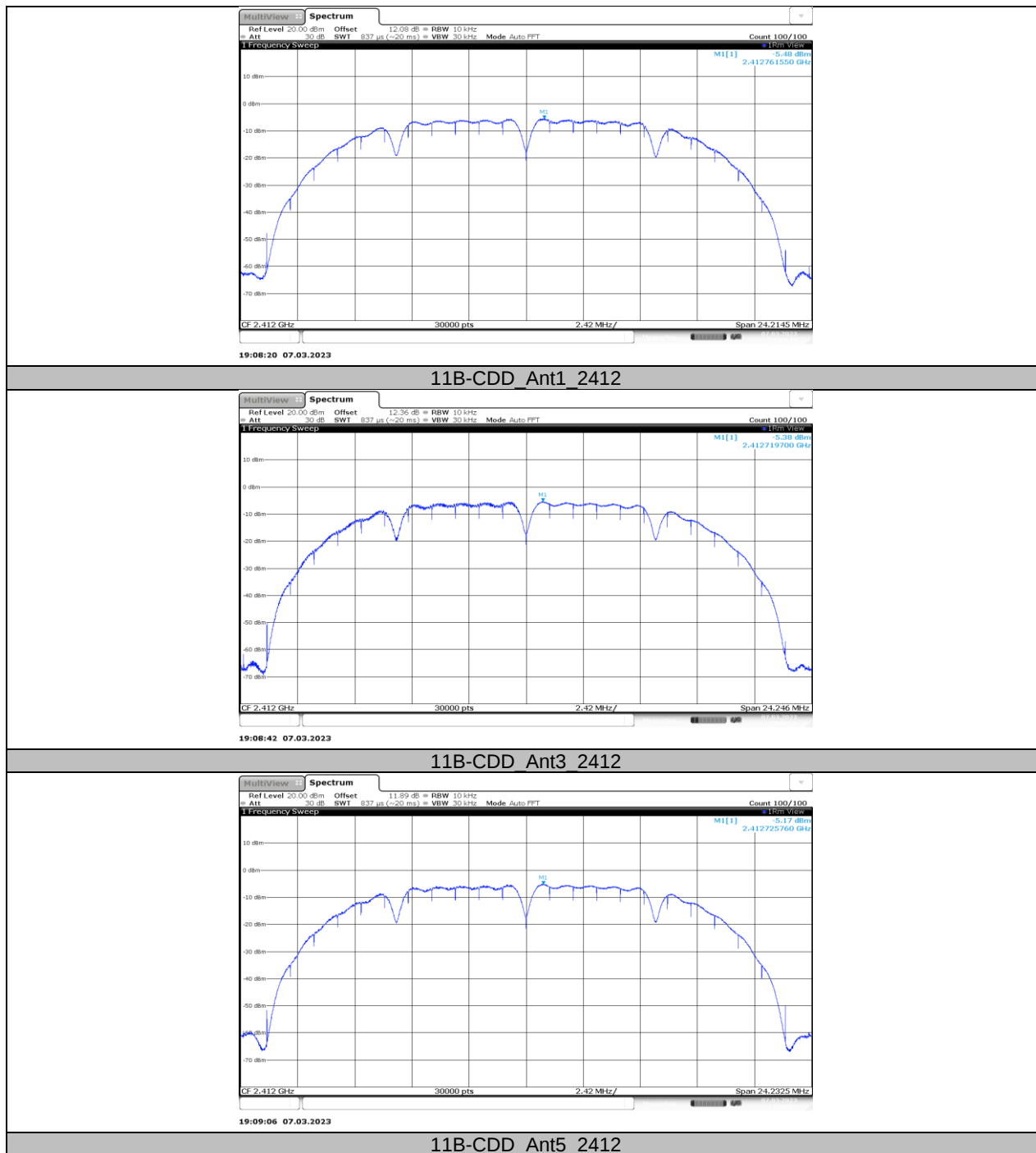
Test Mode	Antenna	Channel	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
11B-CDD	Ant1	2412	-5.48	≤8.00	PASS
	Ant3	2412	-5.38	≤8.00	PASS
	Ant5	2412	-5.17	≤8.00	PASS
	Ant7	2412	-4.77	≤8.00	PASS
	total	2412	0.83	≤8.00	PASS
	Ant1	2417	-5.2	≤8.00	PASS
	Ant3	2417	-5.29	≤8.00	PASS
	Ant5	2417	-4.69	≤8.00	PASS
	Ant7	2417	-5.16	≤8.00	PASS
	total	2417	0.94	≤8.00	PASS
	Ant1	2437	-5.26	≤8.00	PASS
	Ant3	2437	-4.83	≤8.00	PASS
	Ant5	2437	-4.89	≤8.00	PASS
	Ant7	2437	-5.27	≤8.00	PASS
	total	2437	0.96	≤8.00	PASS
	Ant1	2457	-7.69	≤8.00	PASS
	Ant3	2457	-7.9	≤8.00	PASS
	Ant5	2457	-8.65	≤8.00	PASS
	Ant7	2457	-8.4	≤8.00	PASS
	total	2457	-2.12	≤8.00	PASS
	Ant1	2462	-7.65	≤8.00	PASS
	Ant3	2462	-8.46	≤8.00	PASS
	Ant5	2462	-9.25	≤8.00	PASS
	Ant7	2462	-9.14	≤8.00	PASS
	total	2462	-2.56	≤8.00	PASS
11G-CDD	Ant1	2412	-7.17	≤8.00	PASS
	Ant3	2412	-7.37	≤8.00	PASS
	Ant5	2412	-6.94	≤8.00	PASS
	Ant7	2412	-7.05	≤8.00	PASS
	total	2412	-1.11	≤8.00	PASS
	Ant1	2417	-6.55	≤8.00	PASS
	Ant3	2417	-6.39	≤8.00	PASS
	Ant5	2417	-6.17	≤8.00	PASS
	Ant7	2417	-5.52	≤8.00	PASS
	total	2417	-0.12	≤8.00	PASS
	Ant1	2437	-4.88	≤8.00	PASS
	Ant3	2437	-5.15	≤8.00	PASS
	Ant5	2437	-5.06	≤8.00	PASS
	Ant7	2437	-5.63	≤8.00	PASS
	total	2437	0.85	≤8.00	PASS
	Ant1	2457	-6.35	≤8.00	PASS
	Ant3	2457	-6.7	≤8.00	PASS
	Ant5	2457	-7.55	≤8.00	PASS
	Ant7	2457	-7.14	≤8.00	PASS
	total	2457	-0.89	≤8.00	PASS
	Ant1	2462	-6.57	≤8.00	PASS
	Ant3	2462	-6.77	≤8.00	PASS
	Ant5	2462	-7.75	≤8.00	PASS
	Ant7	2462	-7.65	≤8.00	PASS
	total	2462	-1.13	≤8.00	PASS
11AX20MIMO	Ant1	2412	-10.4	≤8.00	PASS
	Ant3	2412	-9.96	≤8.00	PASS
	Ant5	2412	-9.68	≤8.00	PASS
	Ant7	2412	-9.6	≤8.00	PASS
	total	2412	-3.88	≤8.00	PASS

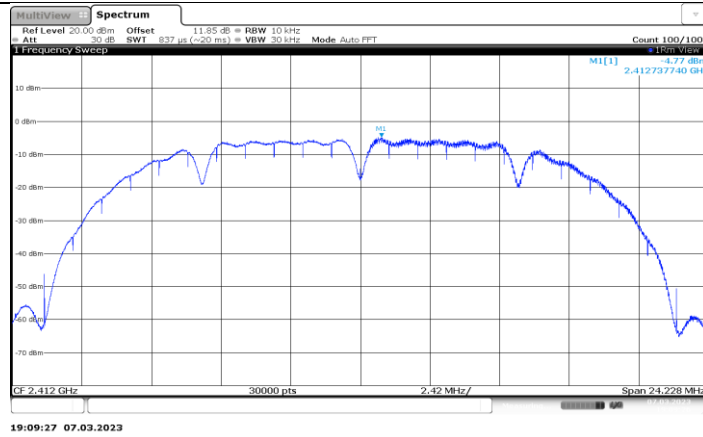
	Ant1	2417	-8.27	≤8.00	PASS
	Ant3	2417	-8.08	≤8.00	PASS
	Ant5	2417	-7.57	≤8.00	PASS
	Ant7	2417	-7.99	≤8.00	PASS
	total	2417	-1.95	≤8.00	PASS
	Ant1	2437	-8.09	≤8.00	PASS
	Ant3	2437	-7.68	≤8.00	PASS
	Ant5	2437	-7.77	≤8.00	PASS
	Ant7	2437	-8.08	≤8.00	PASS
	total	2437	-1.88	≤8.00	PASS
	Ant1	2457	-8.5	≤8.00	PASS
	Ant3	2457	-8.91	≤8.00	PASS
	Ant5	2457	-9.29	≤8.00	PASS
	Ant7	2457	-9.51	≤8.00	PASS
	total	2457	-3.01	≤8.00	PASS
	Ant1	2462	-9.31	≤8.00	PASS
	Ant3	2462	-9.96	≤8.00	PASS
	Ant5	2462	-10.21	≤8.00	PASS
	Ant7	2462	-10.07	≤8.00	PASS
	total	2462	-3.85	≤8.00	PASS
11AX40MIMO	Ant1	2422	-11.57	≤8.00	PASS
	Ant3	2422	-12.08	≤8.00	PASS
	Ant5	2422	-11.47	≤8.00	PASS
	Ant7	2422	-11.41	≤8.00	PASS
	total	2422	-5.60	≤8.00	PASS
	Ant1	2427	-11.8	≤8.00	PASS
	Ant3	2427	-12.16	≤8.00	PASS
	Ant5	2427	-11.13	≤8.00	PASS
	Ant7	2427	-12.12	≤8.00	PASS
	total	2427	-5.76	≤8.00	PASS
	Ant1	2437	-11.55	≤8.00	PASS
	Ant3	2437	-11.88	≤8.00	PASS
	Ant5	2437	-11.35	≤8.00	PASS
	Ant7	2437	-12.11	≤8.00	PASS
	total	2437	-5.69	≤8.00	PASS
	Ant1	2447	-10.6	≤8.00	PASS
	Ant3	2447	-10.38	≤8.00	PASS
	Ant5	2447	-10.83	≤8.00	PASS
	Ant7	2447	-10.97	≤8.00	PASS
	total	2447	-4.67	≤8.00	PASS
11BE20MIMO	Ant1	2452	-11.52	≤8.00	PASS
	Ant3	2452	-11.48	≤8.00	PASS
	Ant5	2452	-11.47	≤8.00	PASS
	Ant7	2452	-11.81	≤8.00	PASS
	total	2452	-5.55	≤8.00	PASS
	Ant1	2412	-8.83	≤8.00	PASS
	Ant3	2412	-9	≤8.00	PASS
	Ant5	2412	-8.27	≤8.00	PASS
	Ant7	2412	-8.33	≤8.00	PASS
	total	2412	-2.58	≤8.00	PASS
	Ant1	2417	-7.97	≤8.00	PASS
	Ant3	2417	-7.89	≤8.00	PASS
	Ant5	2417	-7.1	≤8.00	PASS
	Ant7	2417	-7.32	≤8.00	PASS
	total	2417	-1.53	≤8.00	PASS
	Ant1	2437	-7.02	≤8.00	PASS
	Ant3	2437	-6.81	≤8.00	PASS
	Ant5	2437	-6.43	≤8.00	PASS
	Ant7	2437	-6.86	≤8.00	PASS
	total	2437	-0.75	≤8.00	PASS
	Ant1	2457	-7.31	≤8.00	PASS
	Ant3	2457	-7.64	≤8.00	PASS
	Ant5	2457	-8.56	≤8.00	PASS

	Ant7	2457	-7.86	≤8.00	PASS
	total	2457	-1.80	≤8.00	PASS
	Ant1	2462	-8.08	≤8.00	PASS
	Ant3	2462	-7.94	≤8.00	PASS
	Ant5	2462	-8.32	≤8.00	PASS
	Ant7	2462	-8.63	≤8.00	PASS
	total	2462	-2.21	≤8.00	PASS
11BE40MIMO	Ant1	2422	-11.37	≤8.00	PASS
	Ant3	2422	-10.99	≤8.00	PASS
	Ant5	2422	-10.81	≤8.00	PASS
	Ant7	2422	-10.72	≤8.00	PASS
	total	2422	-4.94	≤8.00	PASS
	Ant1	2427	-11	≤8.00	PASS
	Ant3	2427	-11.26	≤8.00	PASS
	Ant5	2427	-10.41	≤8.00	PASS
	Ant7	2427	-11.06	≤8.00	PASS
	total	2427	-4.90	≤8.00	PASS
	Ant1	2437	-10.8	≤8.00	PASS
	Ant3	2437	-10.57	≤8.00	PASS
	Ant5	2437	-10.72	≤8.00	PASS
	Ant7	2437	-11.42	≤8.00	PASS
	total	2437	-4.85	≤8.00	PASS
	Ant1	2447	-12.11	≤8.00	PASS
	Ant3	2447	-11.87	≤8.00	PASS
	Ant5	2447	-11.96	≤8.00	PASS
	Ant7	2447	-12.23	≤8.00	PASS
	total	2447	-6.02	≤8.00	PASS
	Ant1	2452	-11.66	≤8.00	PASS
	Ant3	2452	-11.79	≤8.00	PASS
	Ant5	2452	-11.79	≤8.00	PASS
	Ant7	2452	-12.28	≤8.00	PASS
	total	2452	-5.85	≤8.00	PASS

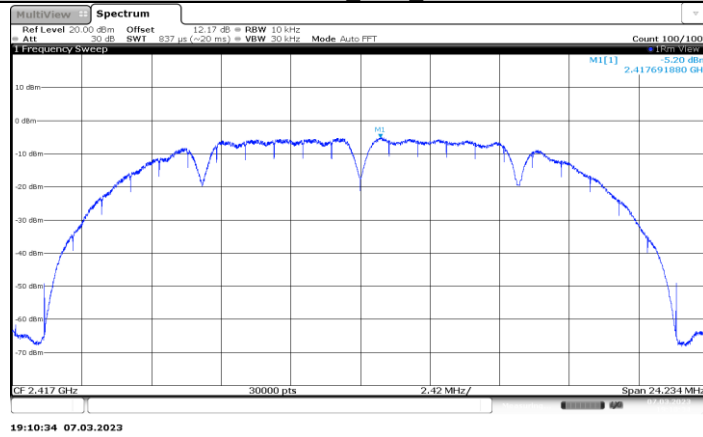
Note: 1. The Duty Cycle Factor (refer to section 7.5) had already compensated to the graphs.

11.4.2. Test Graphs

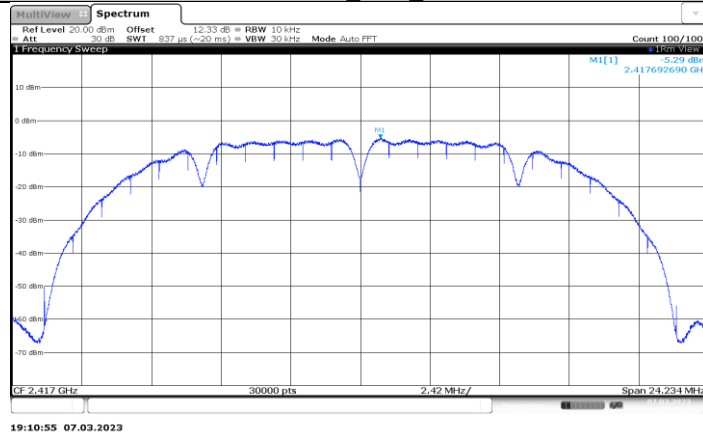




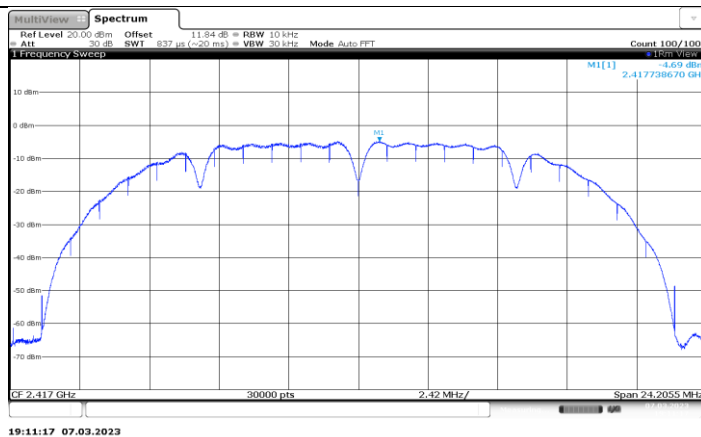
11B-CDD_Ant7_2412



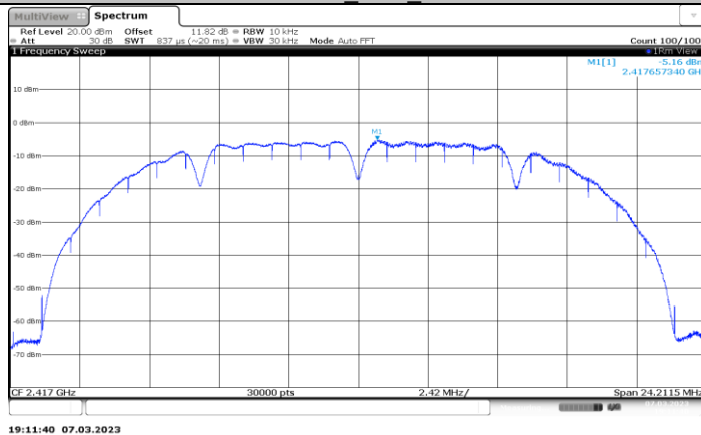
11B-CDD_Ant1_2417



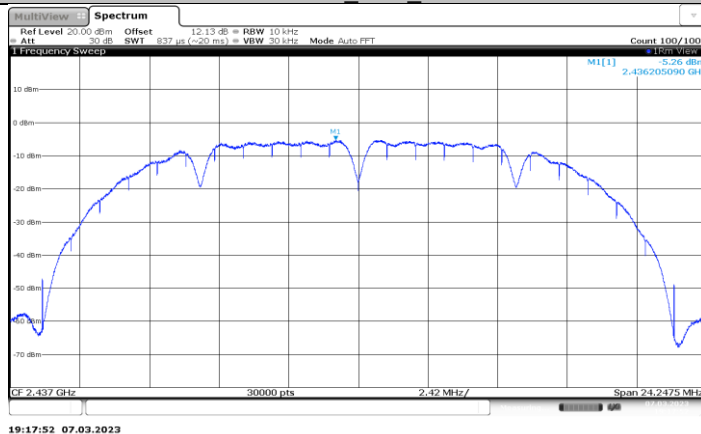
11B-CDD_Ant3_2417



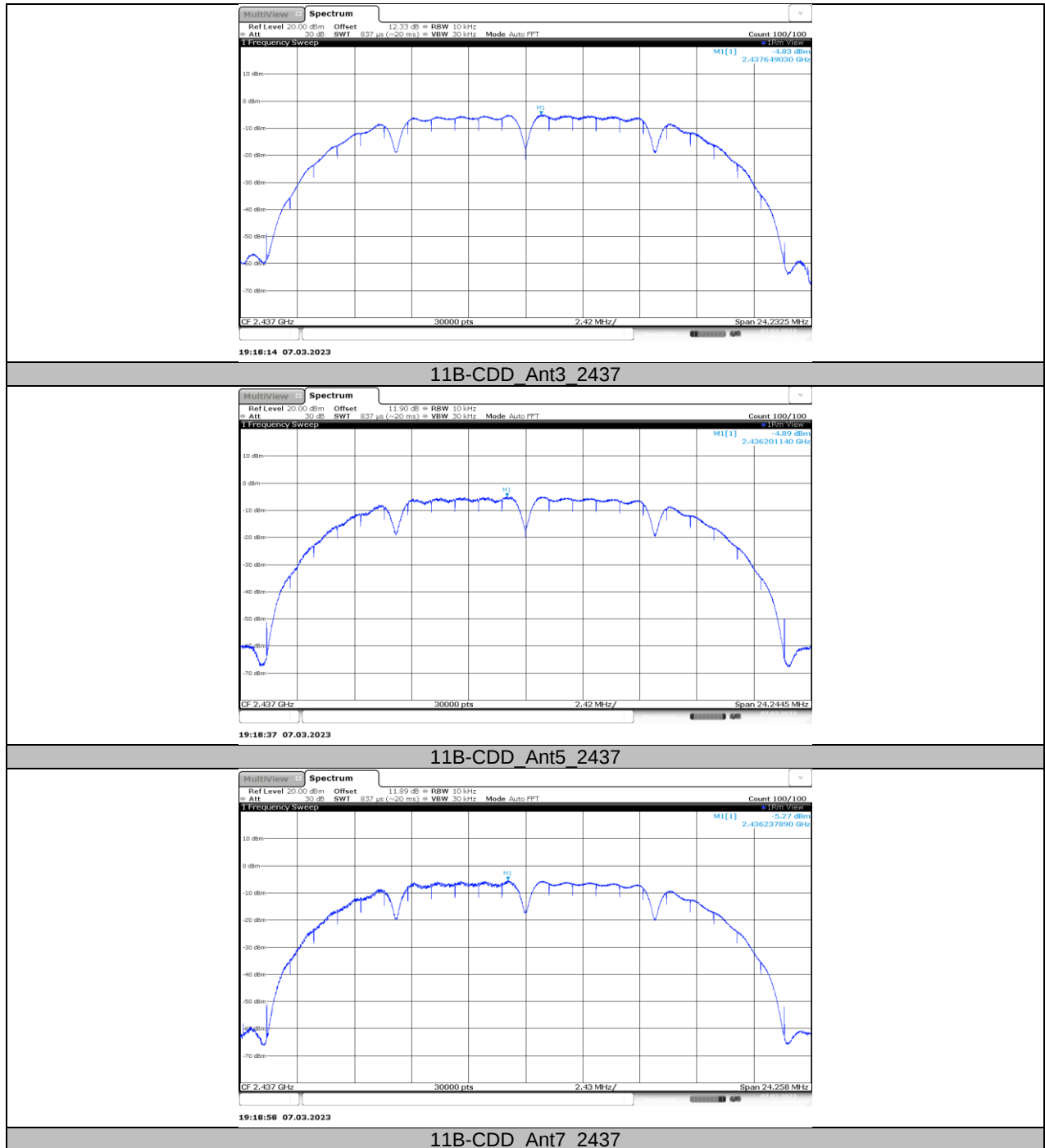
11B-CDD_Ant5_2417

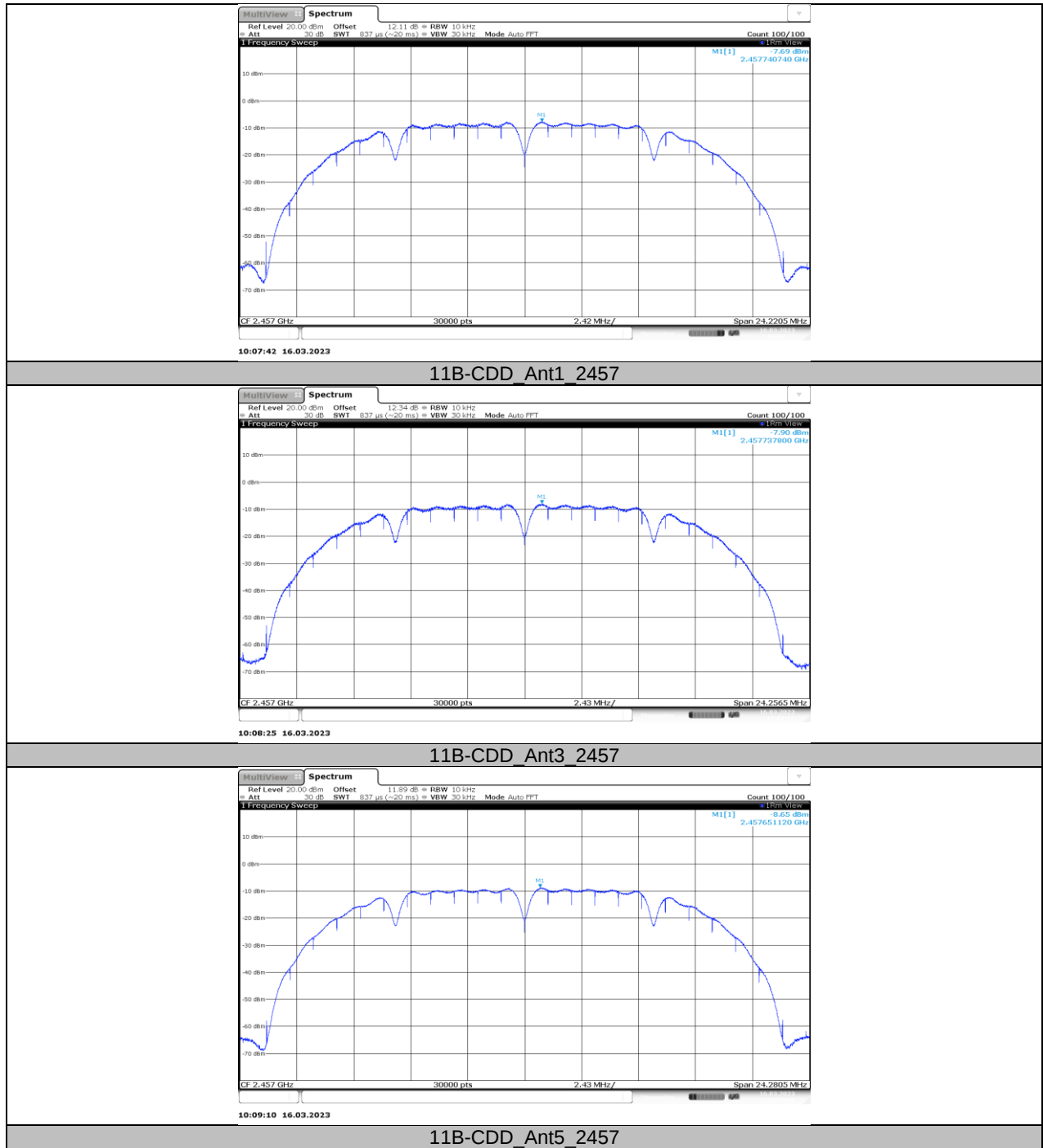


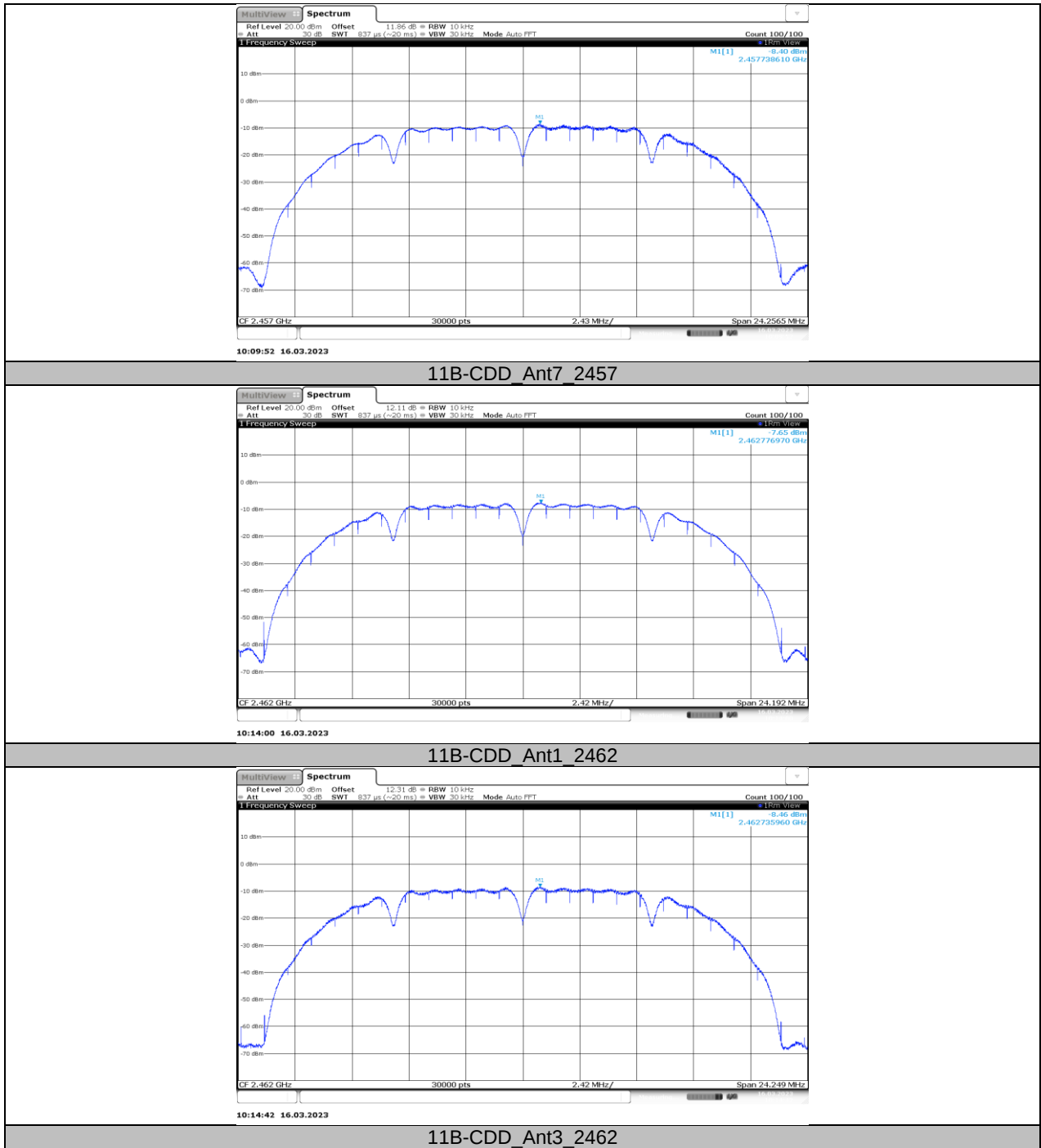
11B-CDD_Ant7_2417

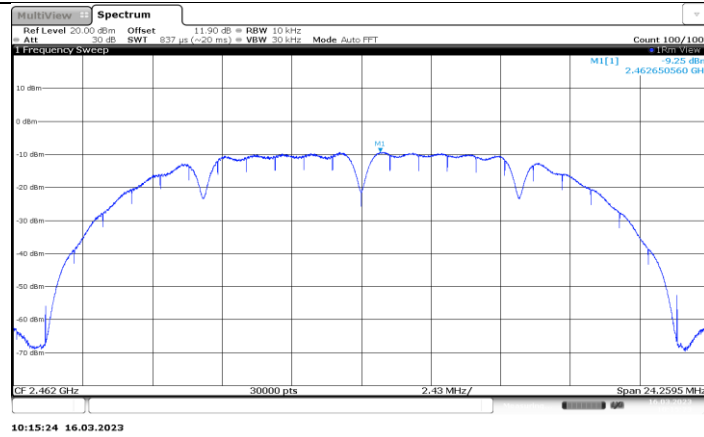


11B-CDD_Ant1_2437

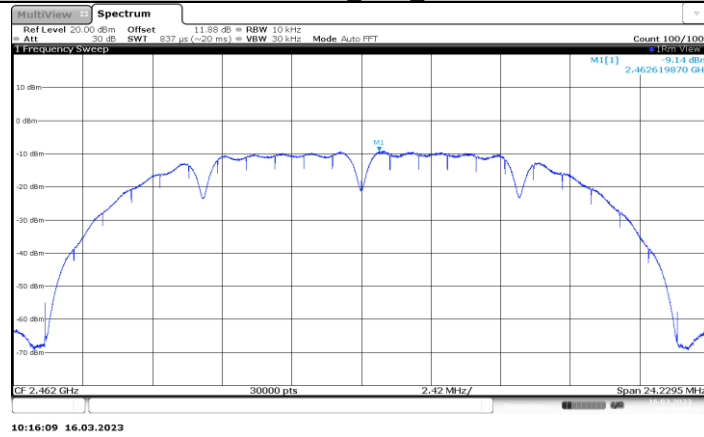




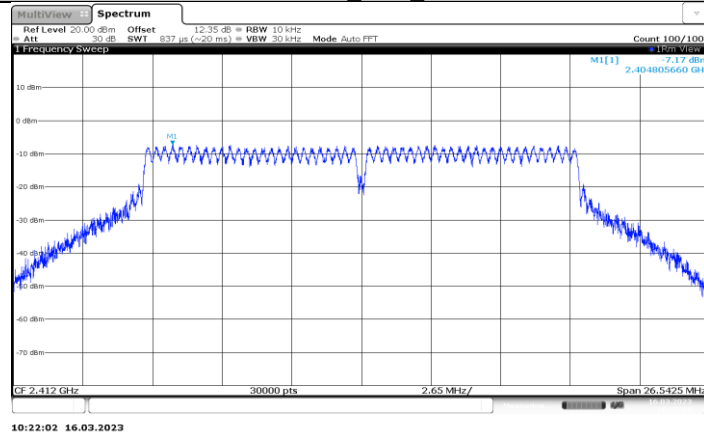




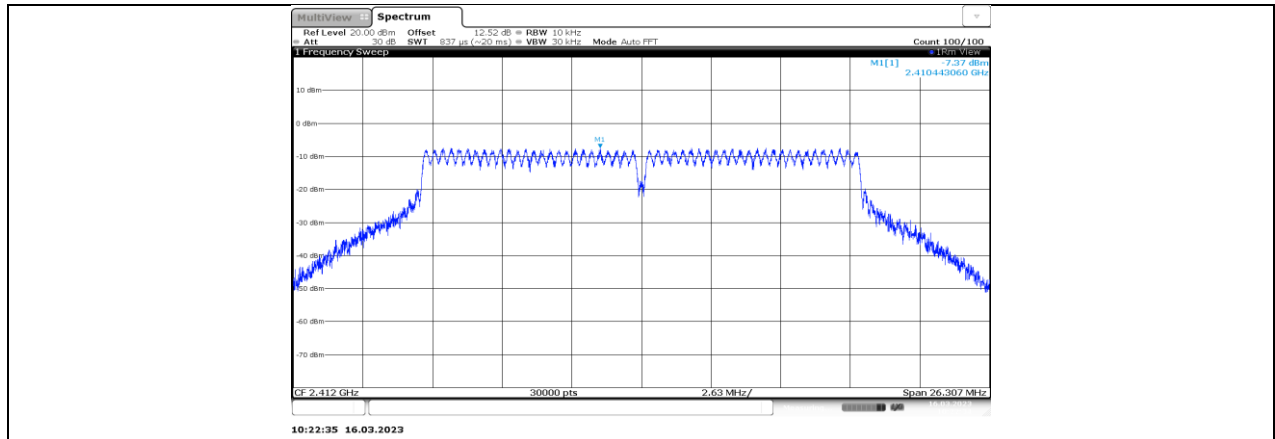
11B-CDD_Ant5_2462



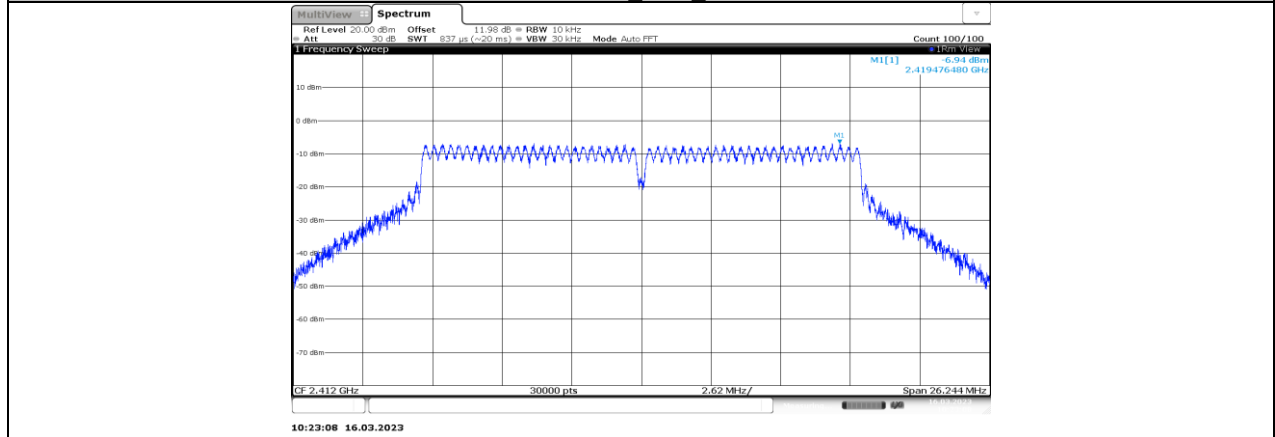
11B-CDD_Ant7_2462



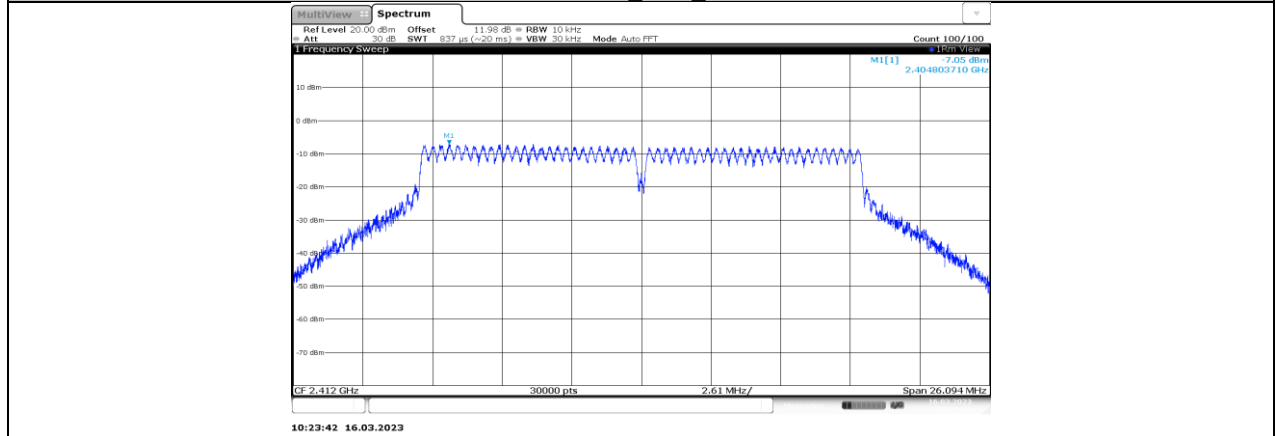
11G-CDD_Ant1_2412



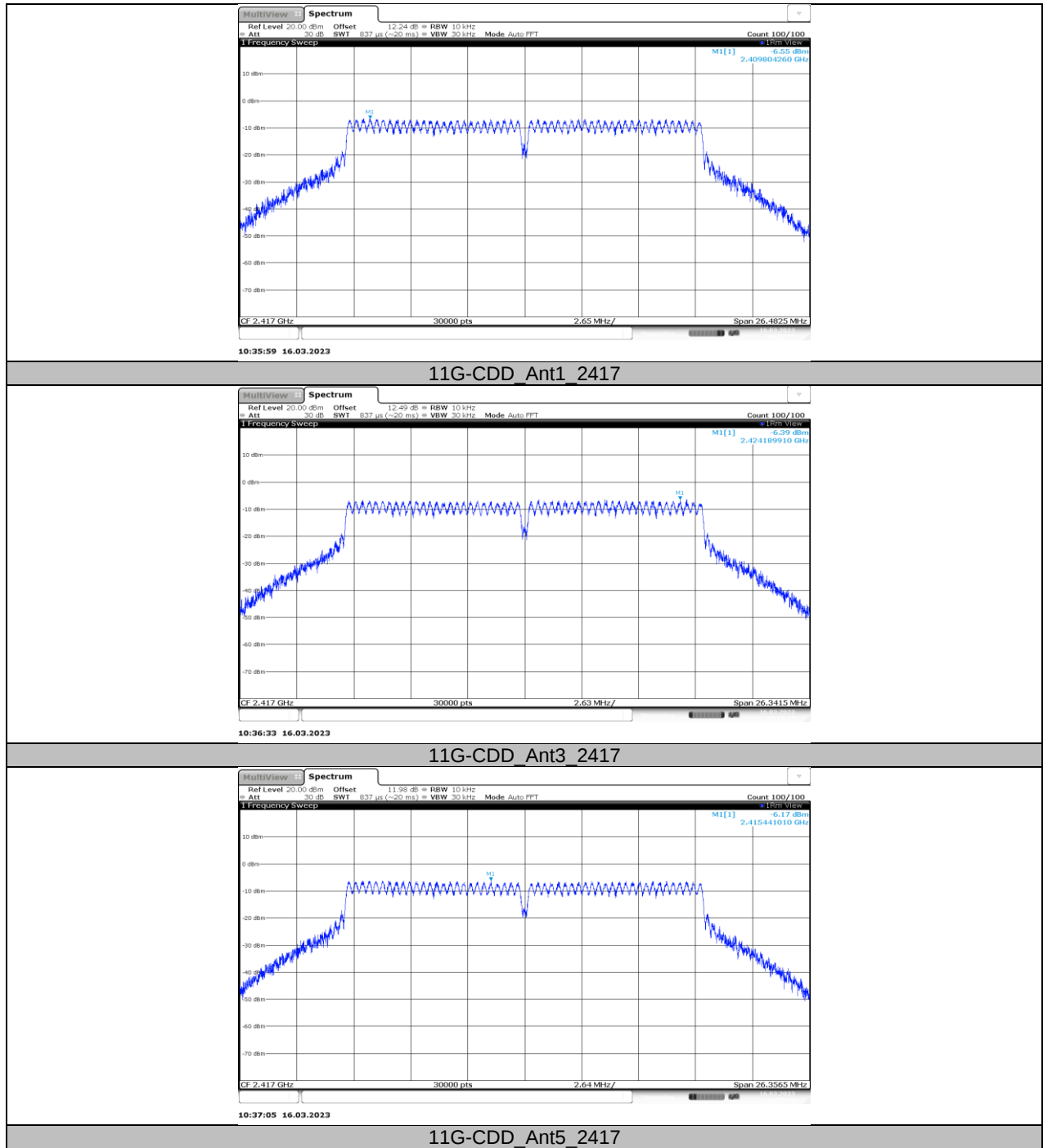
11G-CDD_Ant3_2412

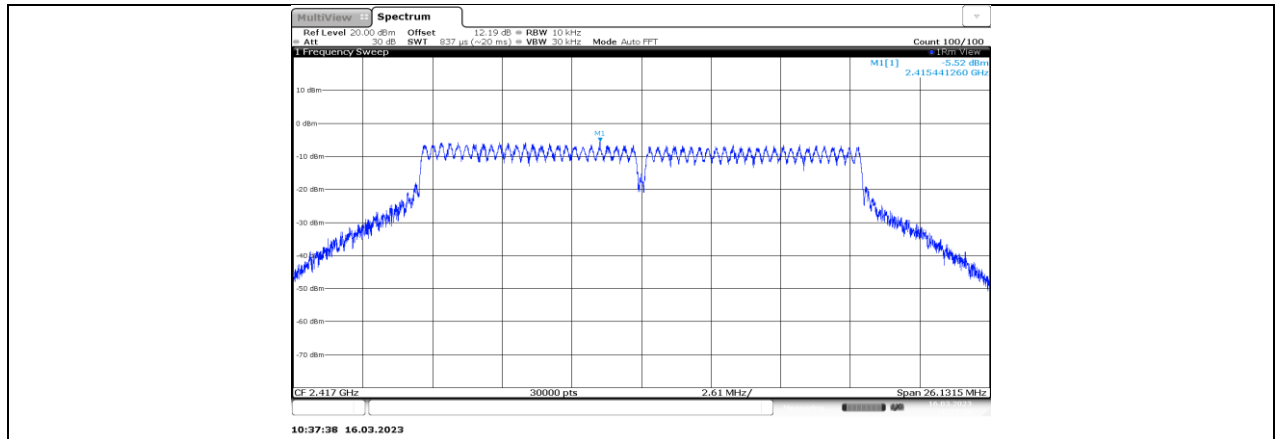


11G-CDD_Ant5_2412

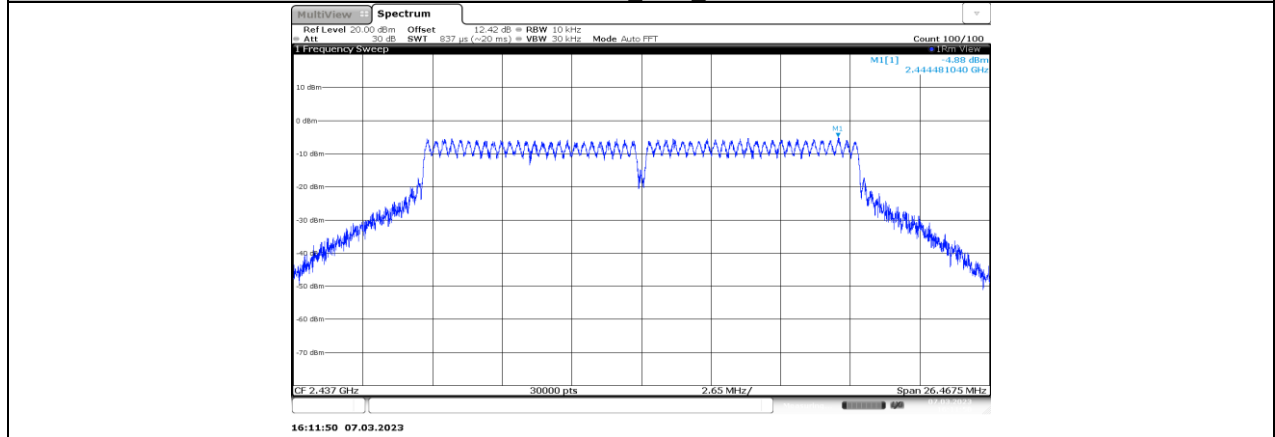


11G-CDD_Ant7_2412

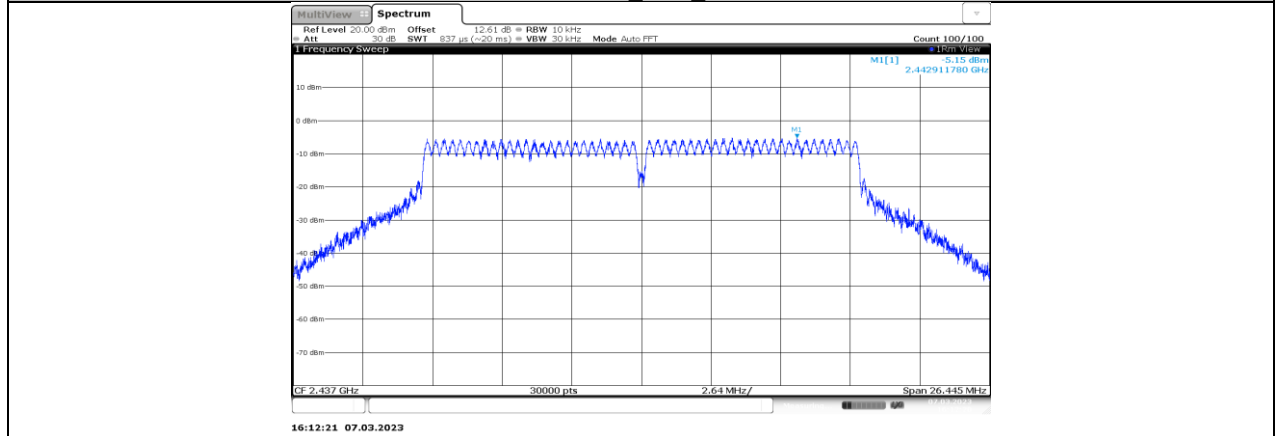




11G-CDD_Ant7_2417



11G-CDD_Ant1_2437



11G-CDD_Ant3_2437

