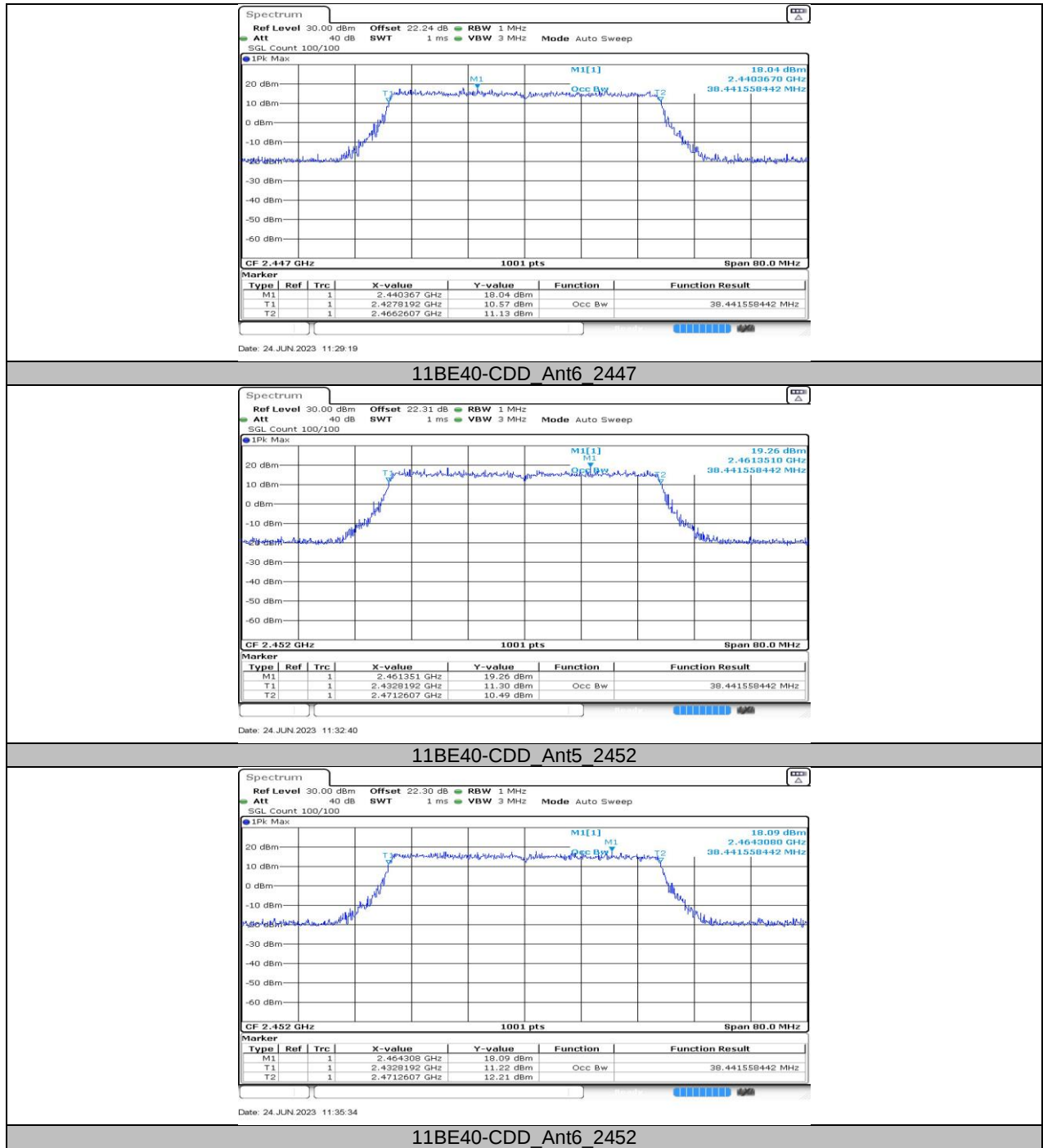




Note: All the mode had been test, but only the worst data was recorded in the report.

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)
		ANT5	ANT6	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
802.11ax HE20	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
802.11ax HE40	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)
		ANT5	ANT6	Total		
802.11ax HE20	2412	19.53	20.03	22.79	5.01	30
	2417	19.96	20.32	23.16	5.01	30
	2437	20.67	20.63	23.66	5.01	30
	2457	20.37	20.36	23.38	5.01	30
	2462	19.25	18.85	22.07	5.01	30
802.11ax HE40	2422	18.48	19.20	21.86	5.01	30
	2427	18.76	19.08	21.93	5.01	30
	2437	20.44	20.09	23.28	5.01	30
	2447	19.59	19.25	22.43	5.01	30
	2452	18.69	18.72	21.72	5.01	30
802.11be EHT20	2412	19.99	20.02	23.02	5.01	30
	2417	20.12	20.60	23.38	5.01	30
	2437	21.10	20.68	23.91	5.01	30
	2457	19.95	19.96	22.96	5.01	30
	2462	19.41	19.21	22.32	5.01	30
802.11be EHT40	2422	18.43	18.71	21.58	5.01	30
	2427	18.81	18.79	21.81	5.01	30
	2437	19.53	20.12	22.84	5.01	30
	2447	18.76	18.97	21.88	5.01	30
	2452	18.88	18.83	21.87	5.01	30

11.4. APPENDIX D: MAXIMUM POWER SPECTRAL DENSITY

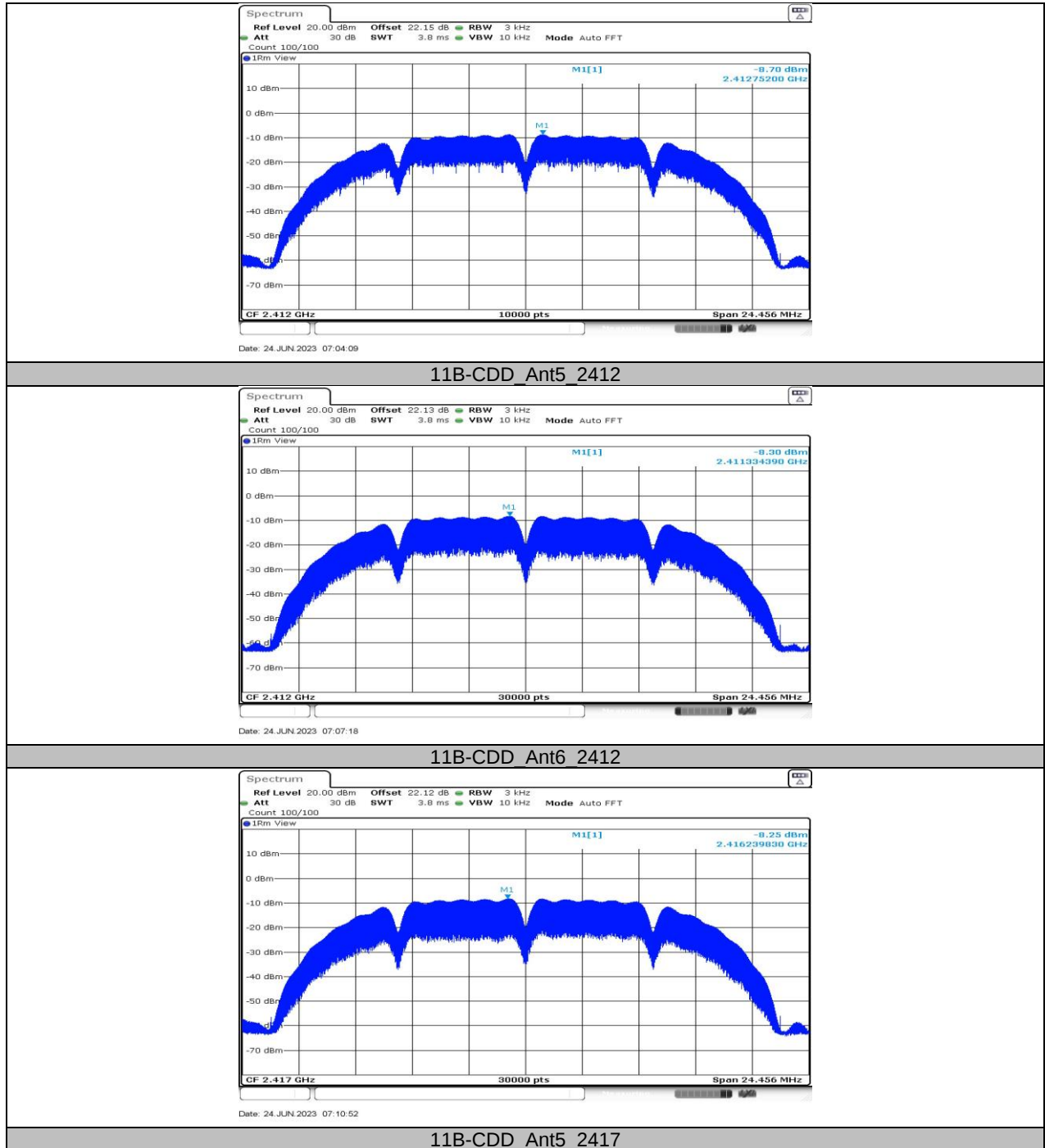
11.4.1. Test Result

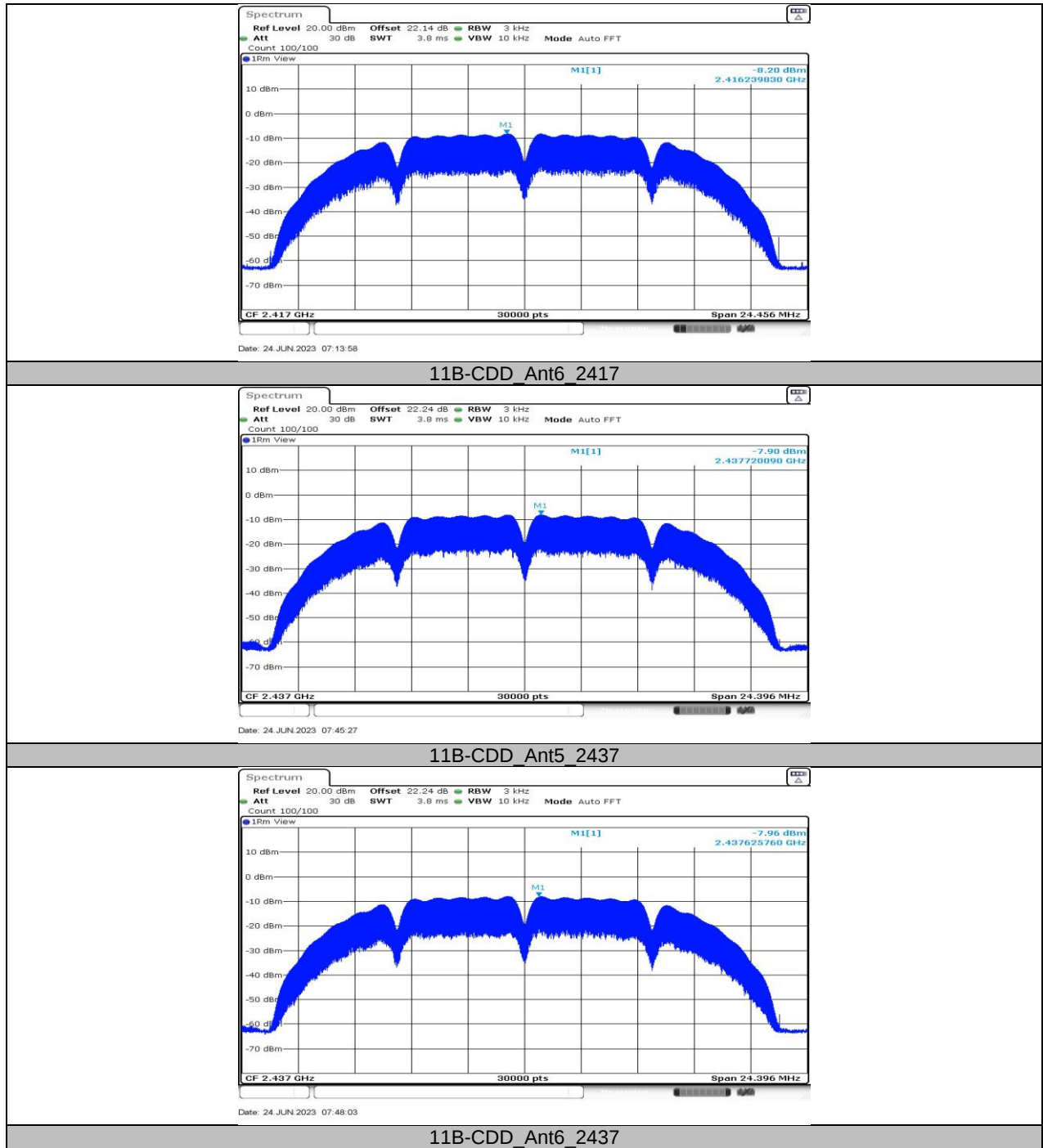
Test Mode	Antenna	Channel	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
11B-CDD	Ant5	2412	-8.7	≤8.00	PASS
	Ant6	2412	-8.3	≤8.00	PASS
	total	2412	-5.49	≤8.00	PASS
	Ant5	2417	-8.25	≤8.00	PASS
	Ant6	2417	-8.2	≤8.00	PASS
	total	2417	-5.21	≤8.00	PASS
	Ant5	2437	-7.9	≤8.00	PASS
	Ant6	2437	-7.96	≤8.00	PASS
	total	2437	-4.92	≤8.00	PASS
	Ant5	2457	-7.86	≤8.00	PASS
	Ant6	2457	-7.59	≤8.00	PASS
	total	2457	-4.71	≤8.00	PASS
	Ant5	2462	-7.72	≤8.00	PASS
	Ant6	2462	-7.56	≤8.00	PASS
	total	2462	-4.63	≤8.00	PASS
11G-CDD	Ant5	2412	-10.4	≤8.00	PASS
	Ant6	2412	-10.85	≤8.00	PASS
	total	2412	-7.61	≤8.00	PASS
	Ant5	2417	-10.28	≤8.00	PASS
	Ant6	2417	-10.27	≤8.00	PASS
	total	2417	-7.26	≤8.00	PASS
	Ant5	2437	-9.92	≤8.00	PASS
	Ant6	2437	-9.93	≤8.00	PASS
	total	2437	-6.91	≤8.00	PASS
	Ant5	2457	-9.93	≤8.00	PASS
	Ant6	2457	-9.98	≤8.00	PASS
	total	2457	-6.94	≤8.00	PASS
	Ant5	2462	-10.34	≤8.00	PASS
	Ant6	2462	-10.47	≤8.00	PASS
	total	2462	-7.39	≤8.00	PASS
11AX20-CDD	Ant5	2412	-13.33	≤8.00	PASS
	Ant6	2412	-13.39	≤8.00	PASS
	total	2412	-10.35	≤8.00	PASS
	Ant5	2417	-13.29	≤8.00	PASS
	Ant6	2417	-13.2	≤8.00	PASS
	total	2417	-10.23	≤8.00	PASS
	Ant5	2437	-12.22	≤8.00	PASS
	Ant6	2437	-12.17	≤8.00	PASS
	total	2437	-9.18	≤8.00	PASS
	Ant5	2457	-13.03	≤8.00	PASS
	Ant6	2457	-13	≤8.00	PASS
	total	2457	-10.00	≤8.00	PASS
	Ant5	2462	-13.83	≤8.00	PASS
	Ant6	2462	-13.92	≤8.00	PASS
	total	2462	-10.86	≤8.00	PASS
11AX40-CDD	Ant5	2422	-17.36	≤8.00	PASS
	Ant6	2422	-17.3	≤8.00	PASS
	total	2422	-14.32	≤8.00	PASS
	Ant5	2427	-16.7	≤8.00	PASS
	Ant6	2427	-17.21	≤8.00	PASS
	total	2427	-13.94	≤8.00	PASS
	Ant5	2437	-16.03	≤8.00	PASS
	Ant6	2437	-15.71	≤8.00	PASS
	total	2437	-12.86	≤8.00	PASS
	Ant5	2447	-17.18	≤8.00	PASS

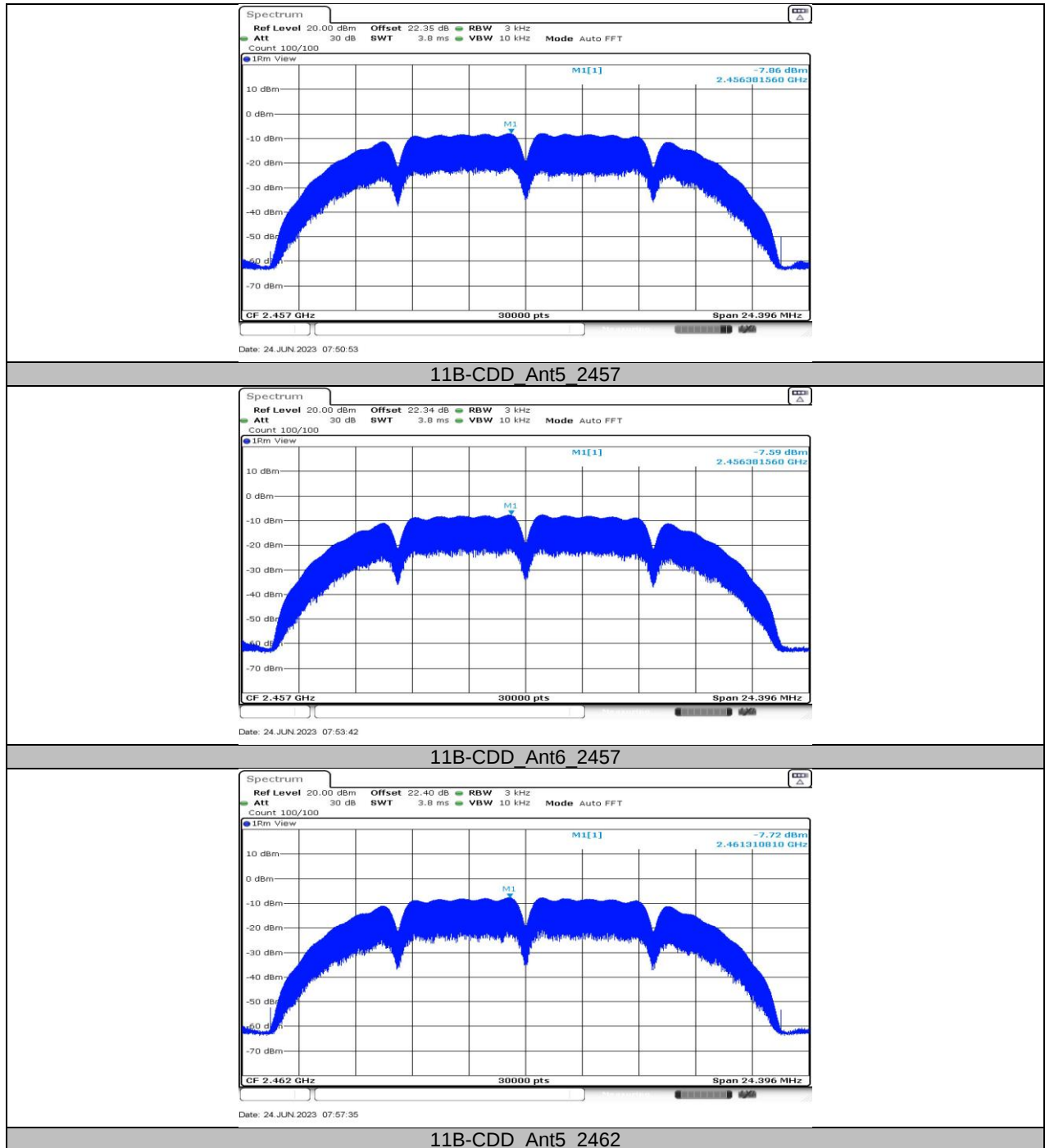
	Ant6	2447	-16.7	≤8.00	PASS
	total	2447	-13.92	≤8.00	PASS
	Ant5	2452	-17	≤8.00	PASS
	Ant6	2452	-17.43	≤8.00	PASS
	total	2452	-14.20	≤8.00	PASS
11BE20-CDD	Ant5	2412	-12.78	≤8.00	PASS
	Ant6	2412	-12.91	≤8.00	PASS
	total	2412	-9.83	≤8.00	PASS
	Ant5	2417	-12.24	≤8.00	PASS
	Ant6	2417	-12.9	≤8.00	PASS
	total	2417	-9.55	≤8.00	PASS
	Ant5	2437	-12.32	≤8.00	PASS
	Ant6	2437	-12.76	≤8.00	PASS
	total	2437	-9.52	≤8.00	PASS
	Ant5	2457	-12.35	≤8.00	PASS
	Ant6	2457	-12.48	≤8.00	PASS
	total	2457	-9.40	≤8.00	PASS
	Ant5	2462	-13.46	≤8.00	PASS
	Ant6	2462	-13.95	≤8.00	PASS
	total	2462	-10.69	≤8.00	PASS
11BE40-CDD	Ant5	2422	-17.89	≤8.00	PASS
	Ant6	2422	-17.58	≤8.00	PASS
	total	2422	-14.72	≤8.00	PASS
	Ant5	2427	-17.14	≤8.00	PASS
	Ant6	2427	-17.35	≤8.00	PASS
	total	2427	-14.23	≤8.00	PASS
	Ant5	2437	-16.03	≤8.00	PASS
	Ant6	2437	-15.89	≤8.00	PASS
	total	2437	-12.95	≤8.00	PASS
	Ant5	2447	-16.66	≤8.00	PASS
	Ant6	2447	-16.88	≤8.00	PASS
	total	2447	-13.76	≤8.00	PASS
	Ant5	2452	-16.86	≤8.00	PASS
	Ant6	2452	-17.33	≤8.00	PASS
	total	2452	-14.08	≤8.00	PASS

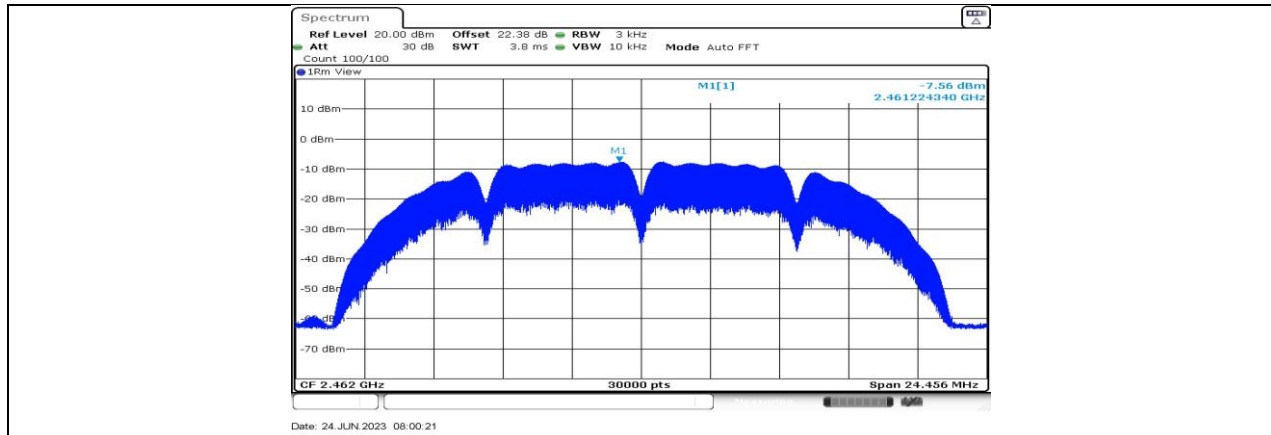
Note: All the mode had been test, but only the worst data was recorded in the report.

11.4.2. Test Graphs

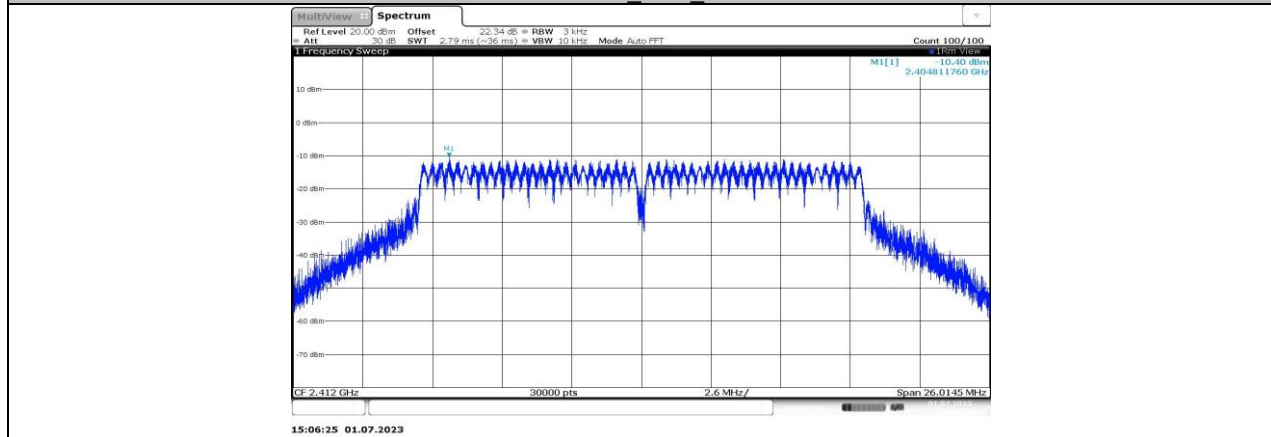




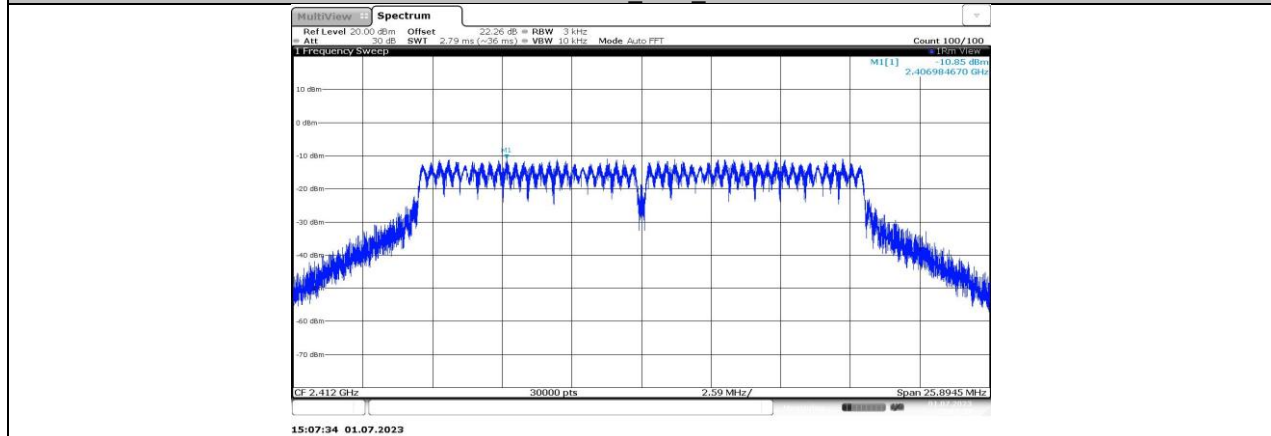




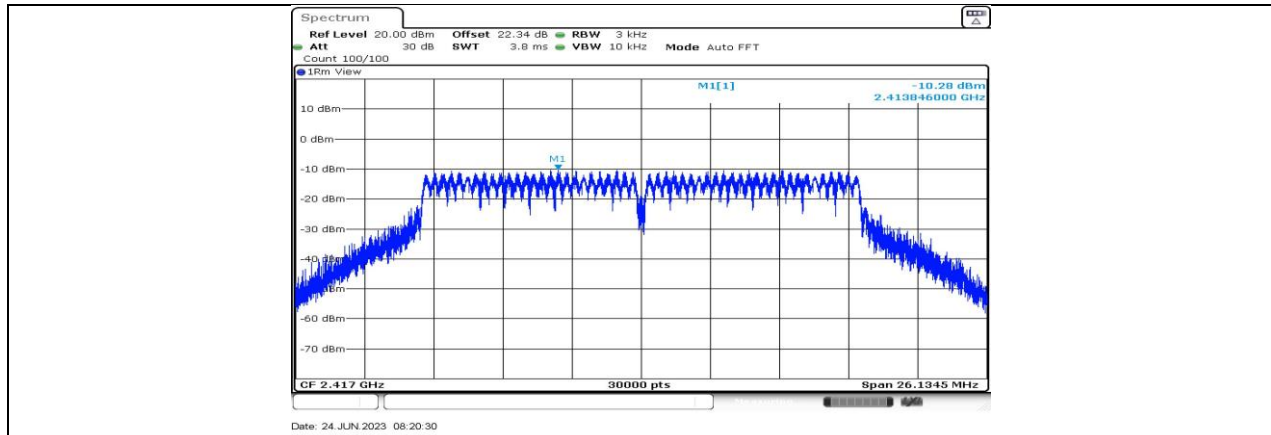
11B-CDD_Ant6_2462



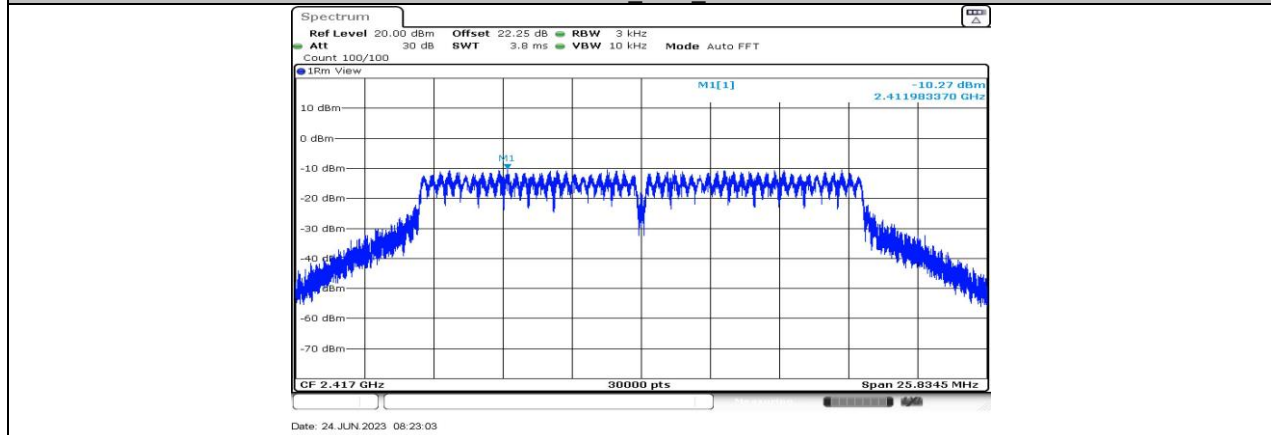
11G-CDD_Ant5_2412



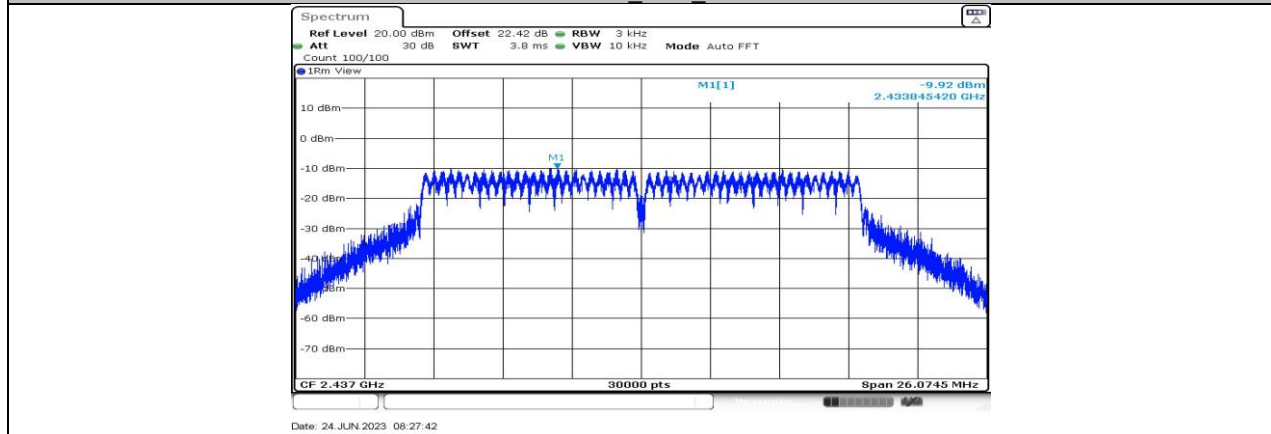
11G-CDD_Ant6_2412



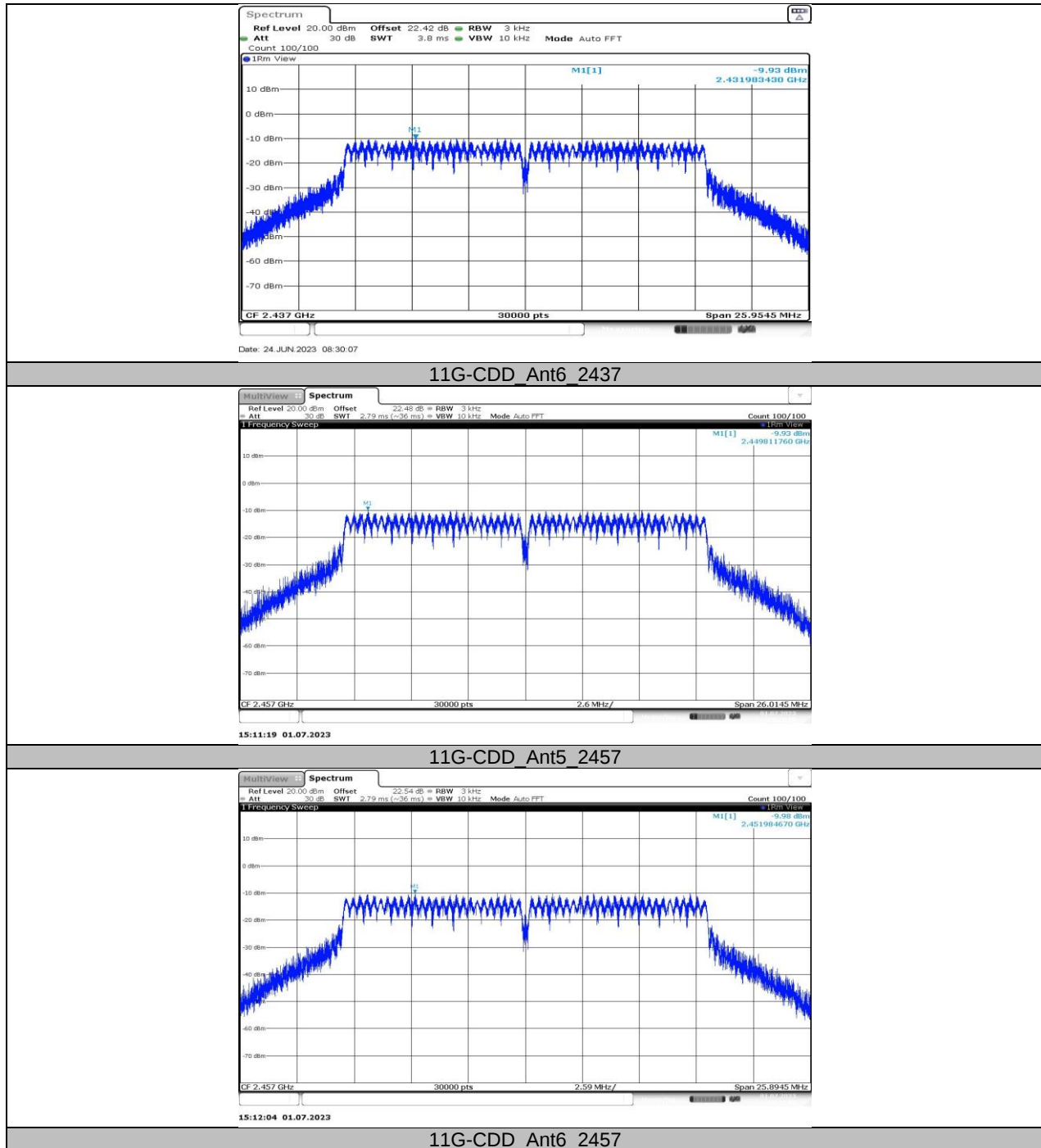
11G-CDD_Ant5_2417

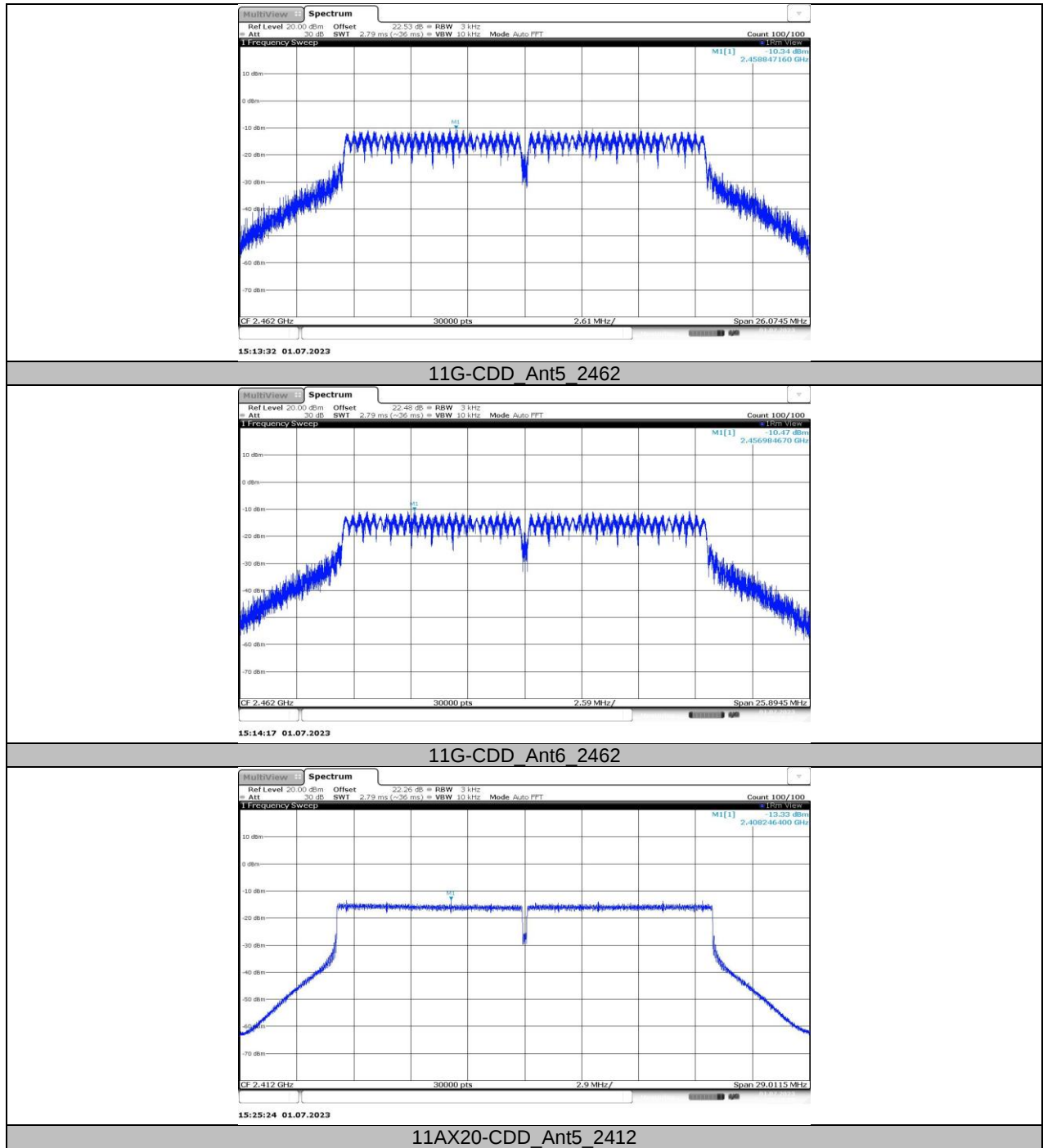


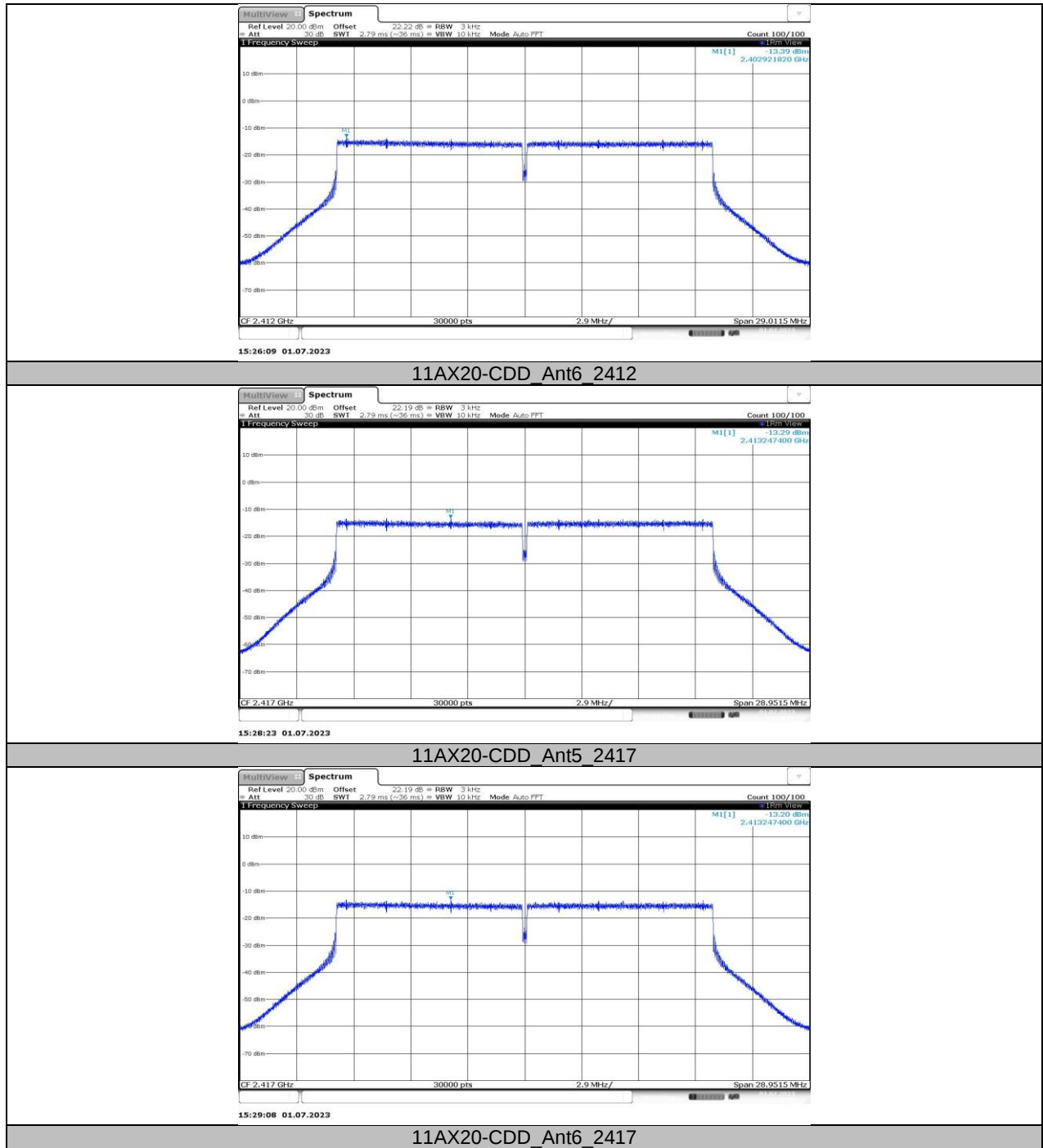
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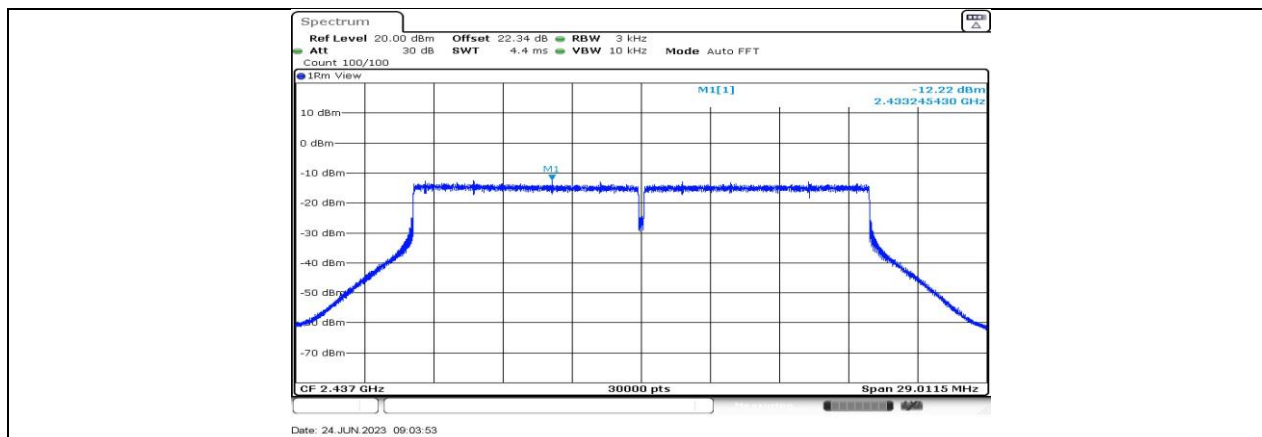


11G-CDD_Ant5_2437

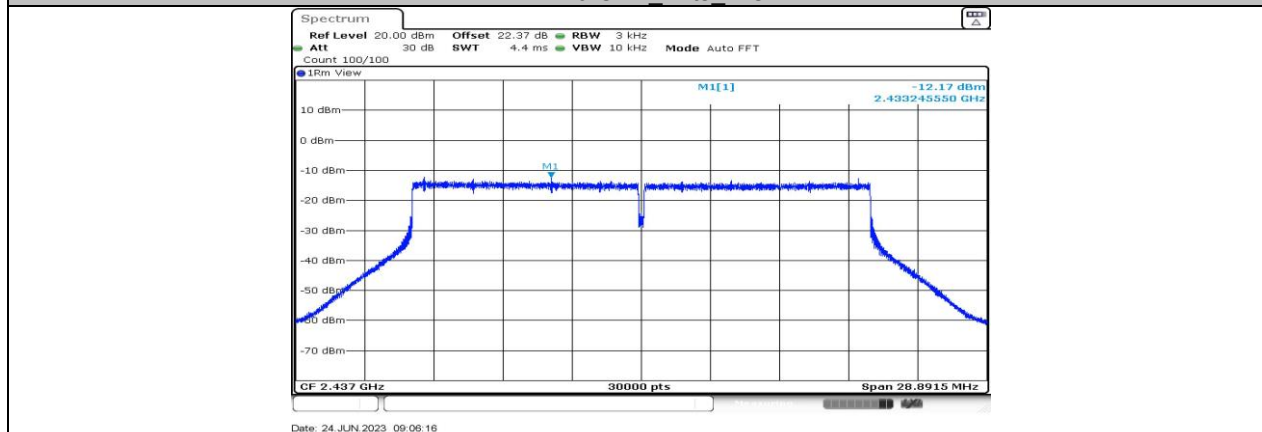




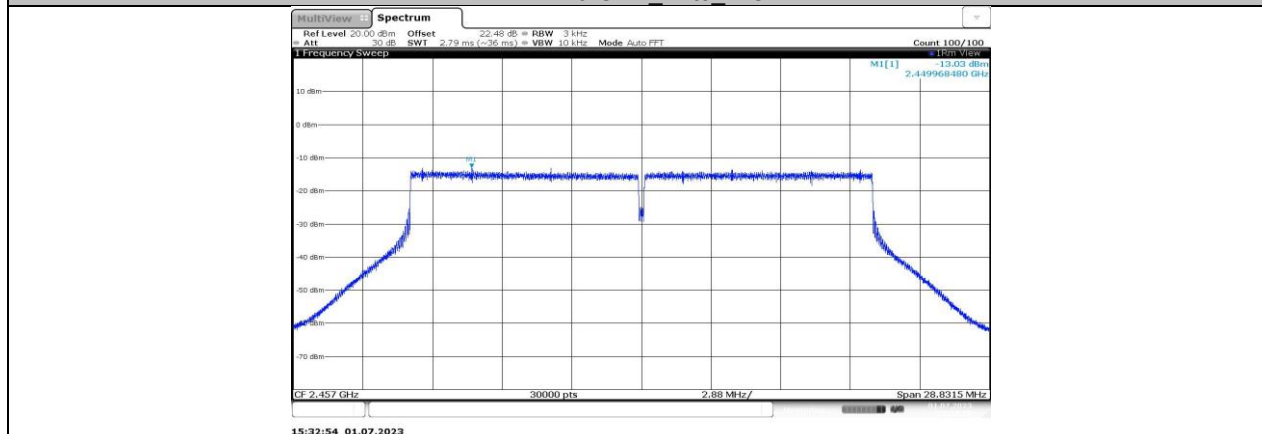




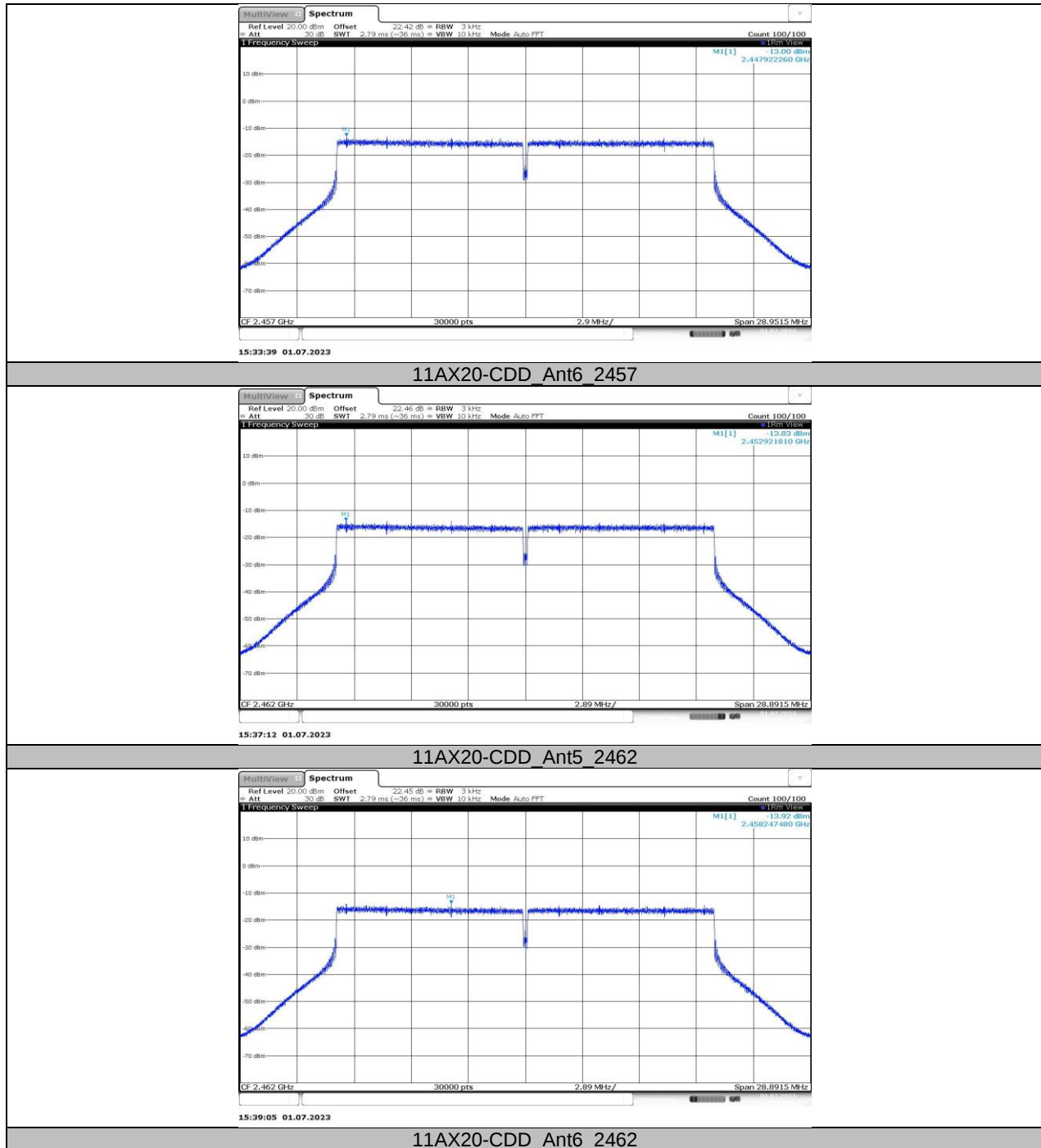
11AX20-CDD_Ant5_2437

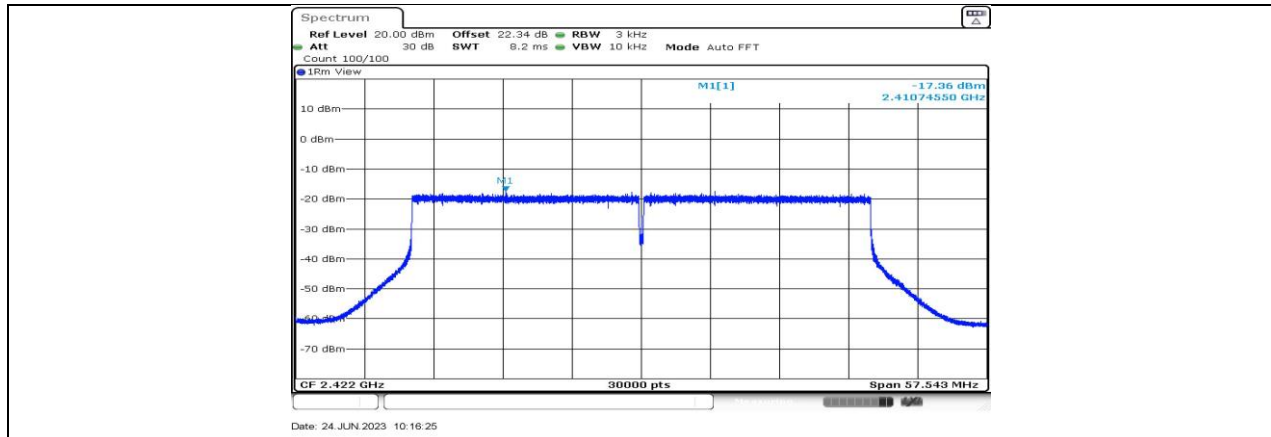


11AX20-CDD_Ant6_2437

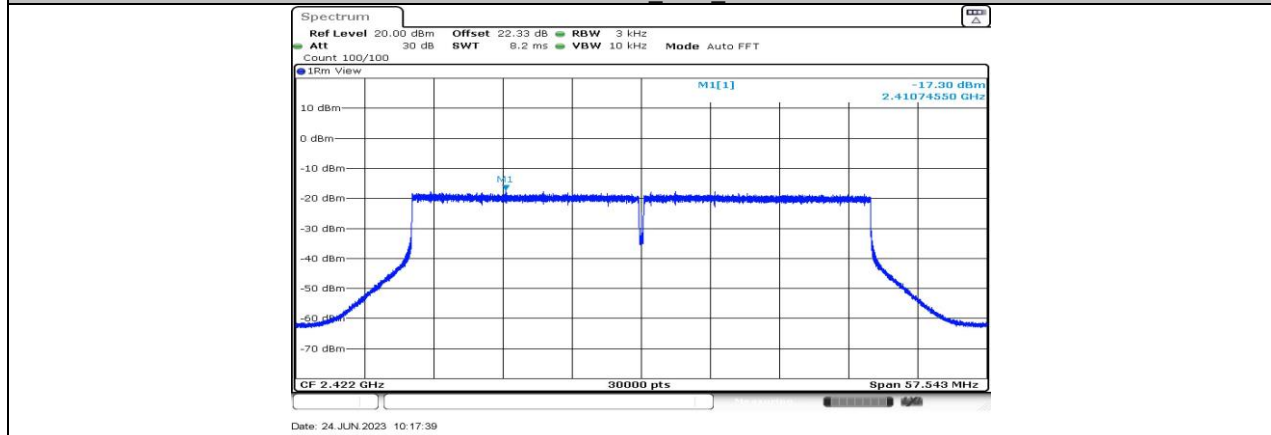


11AX20-CDD_Ant5_2457

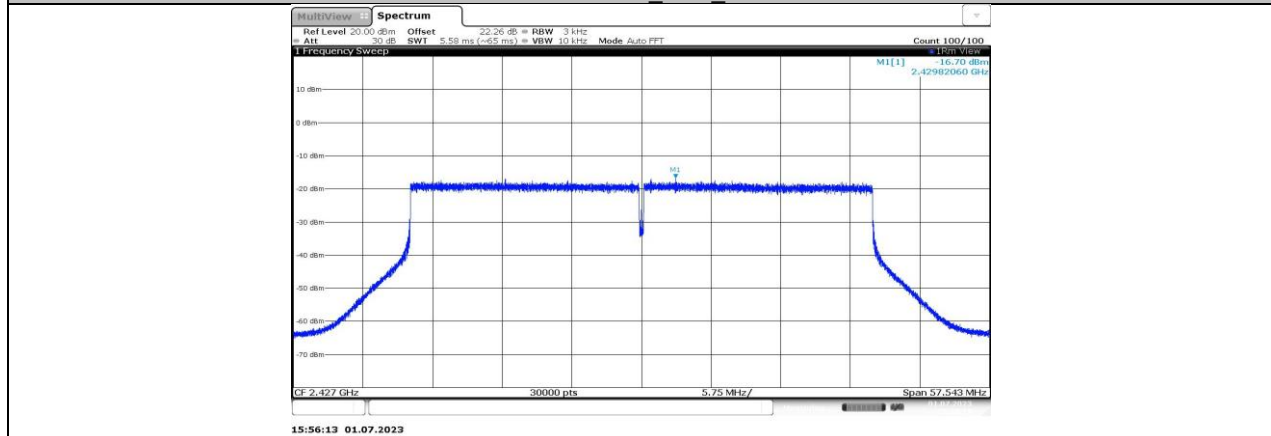




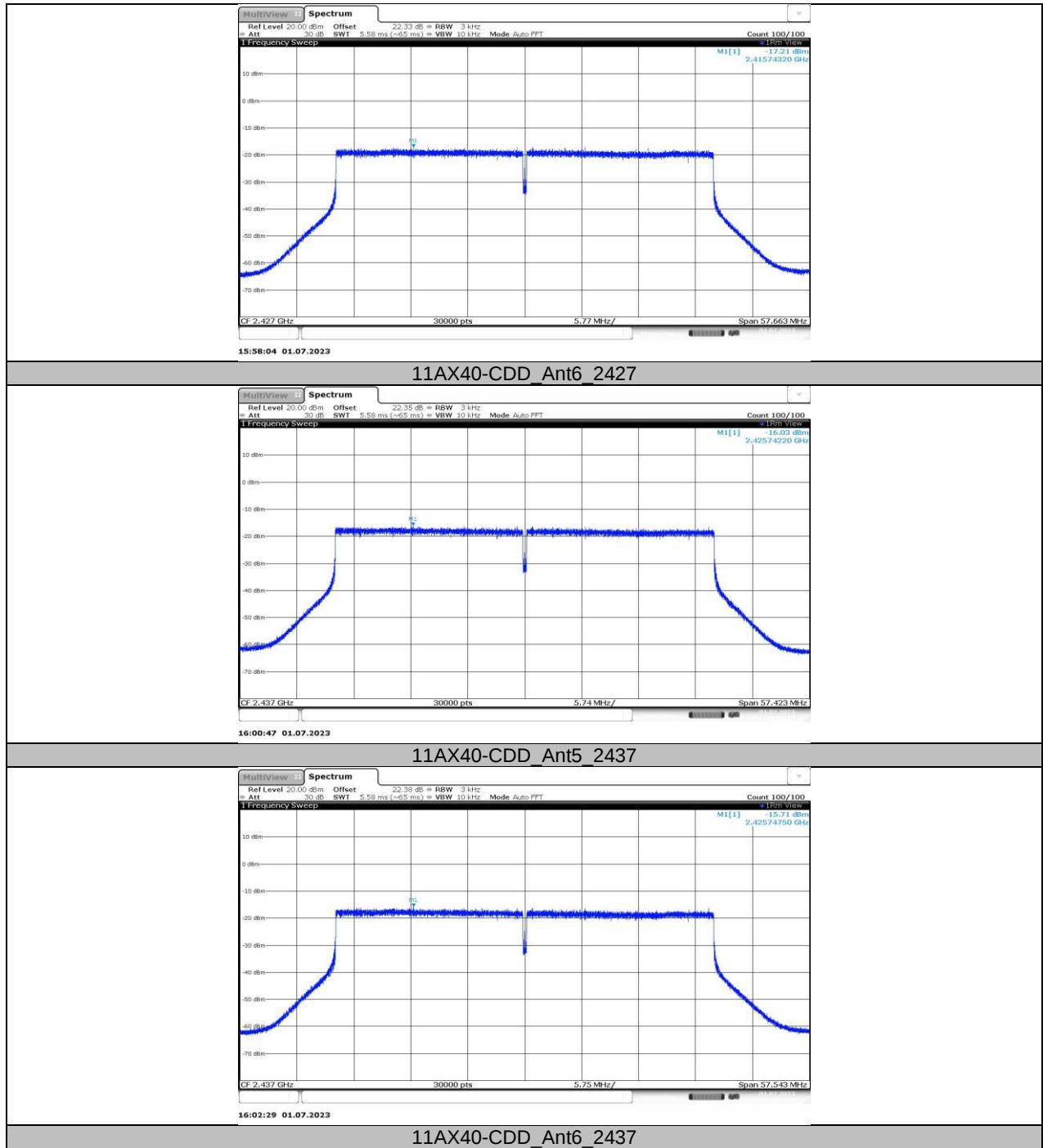
11AX40-CDD_Ant5_2422

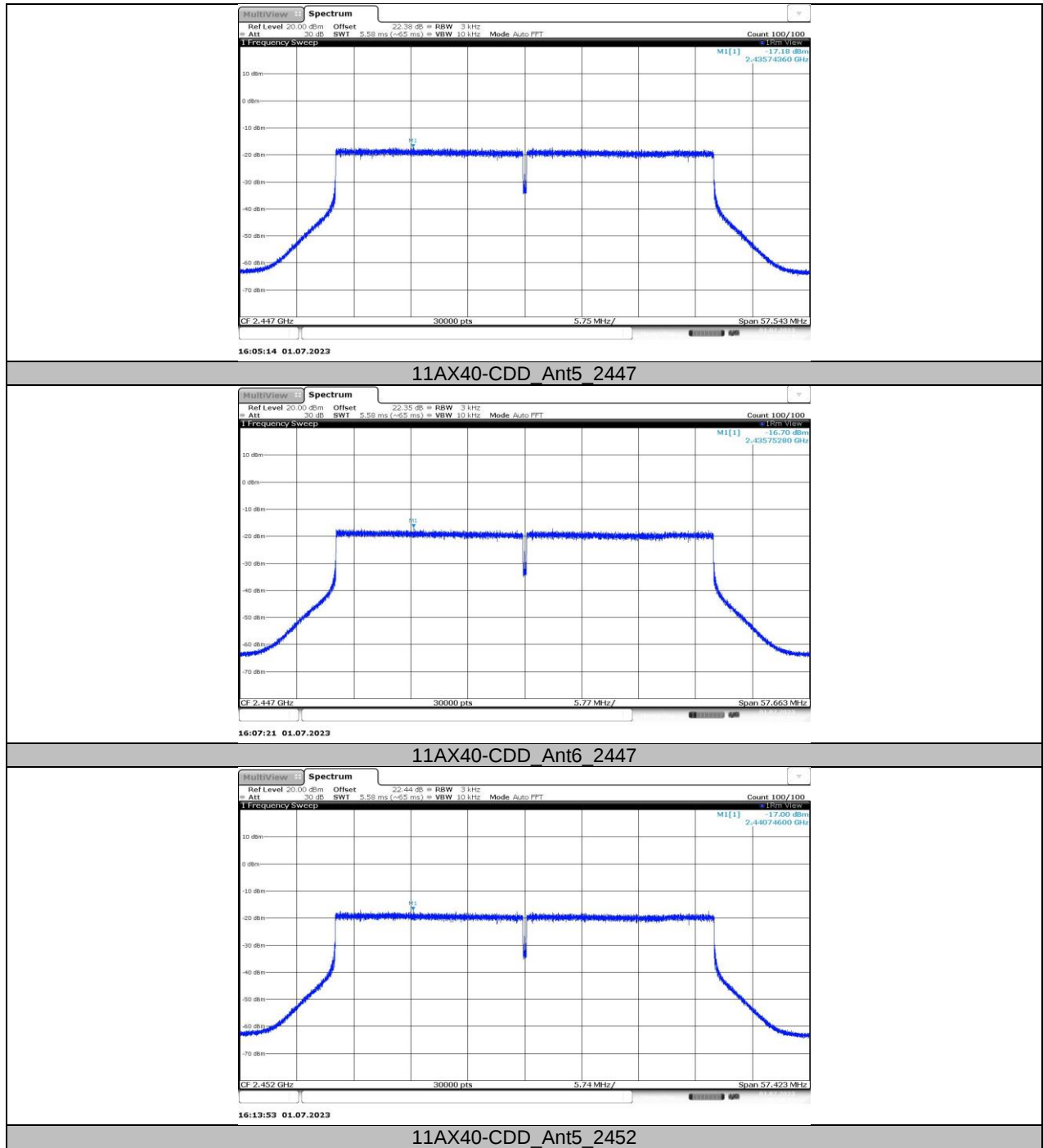


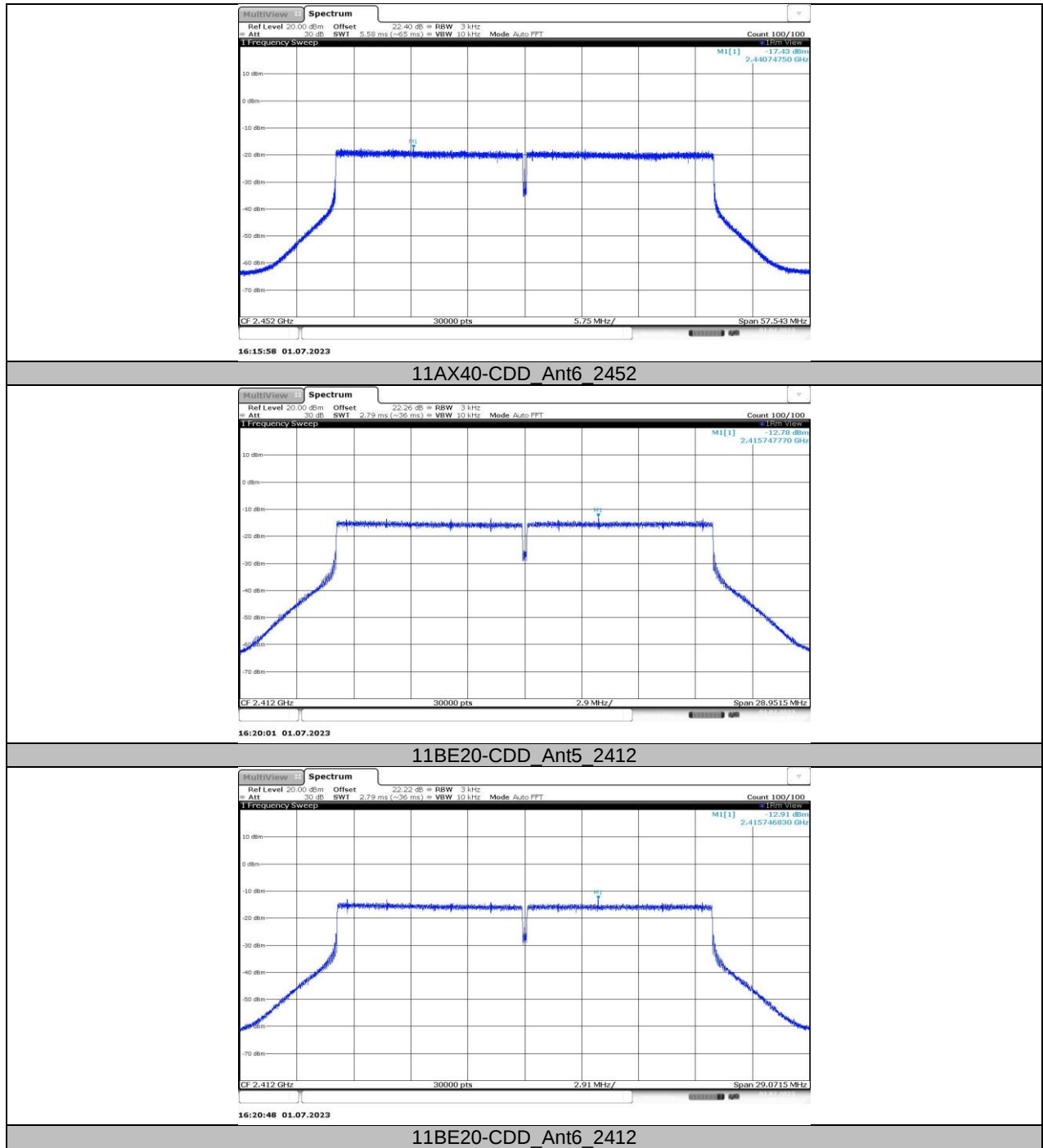
11AX40-CDD_Ant6_2422

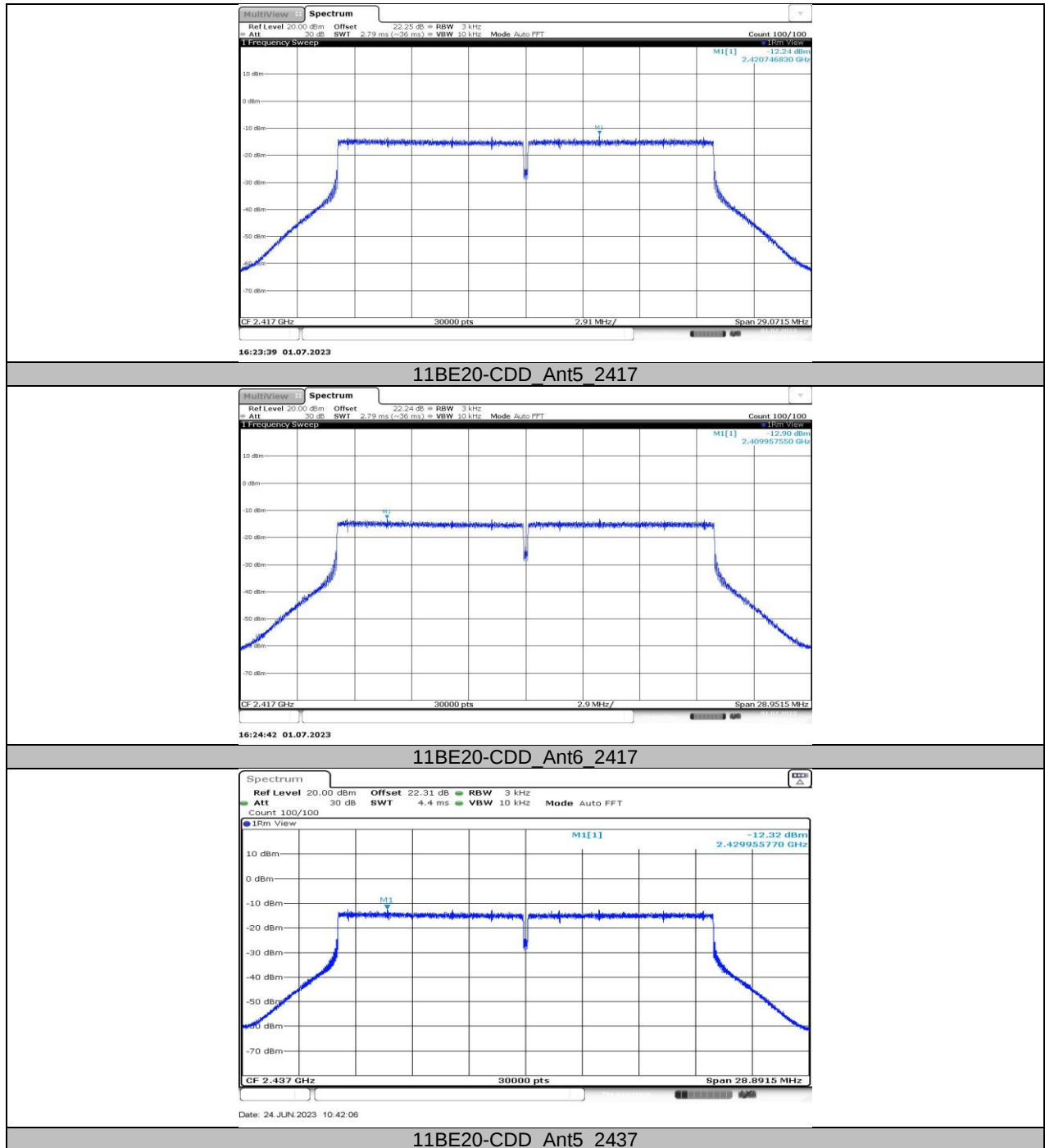


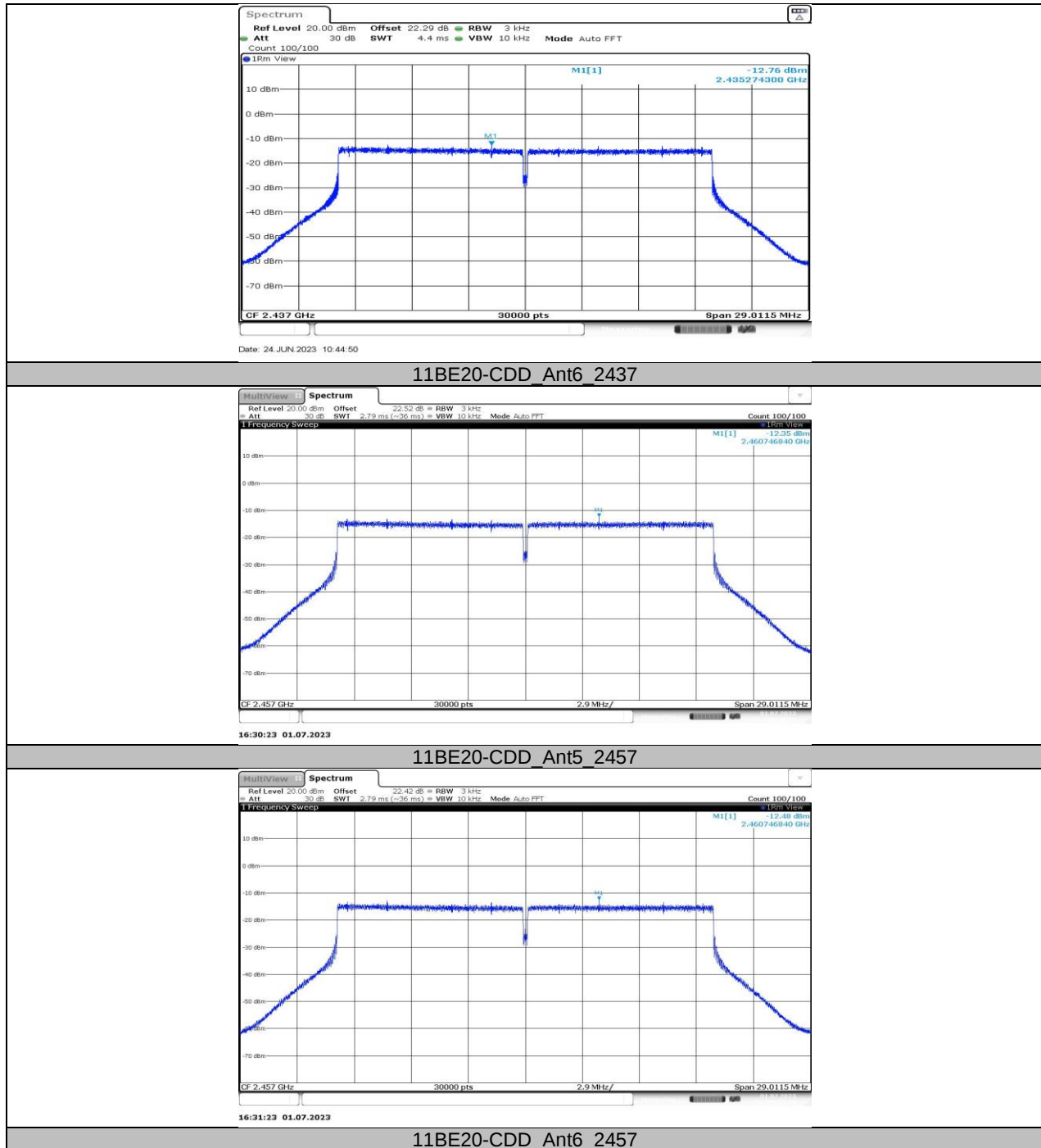
11AX40-CDD_Ant5_2427

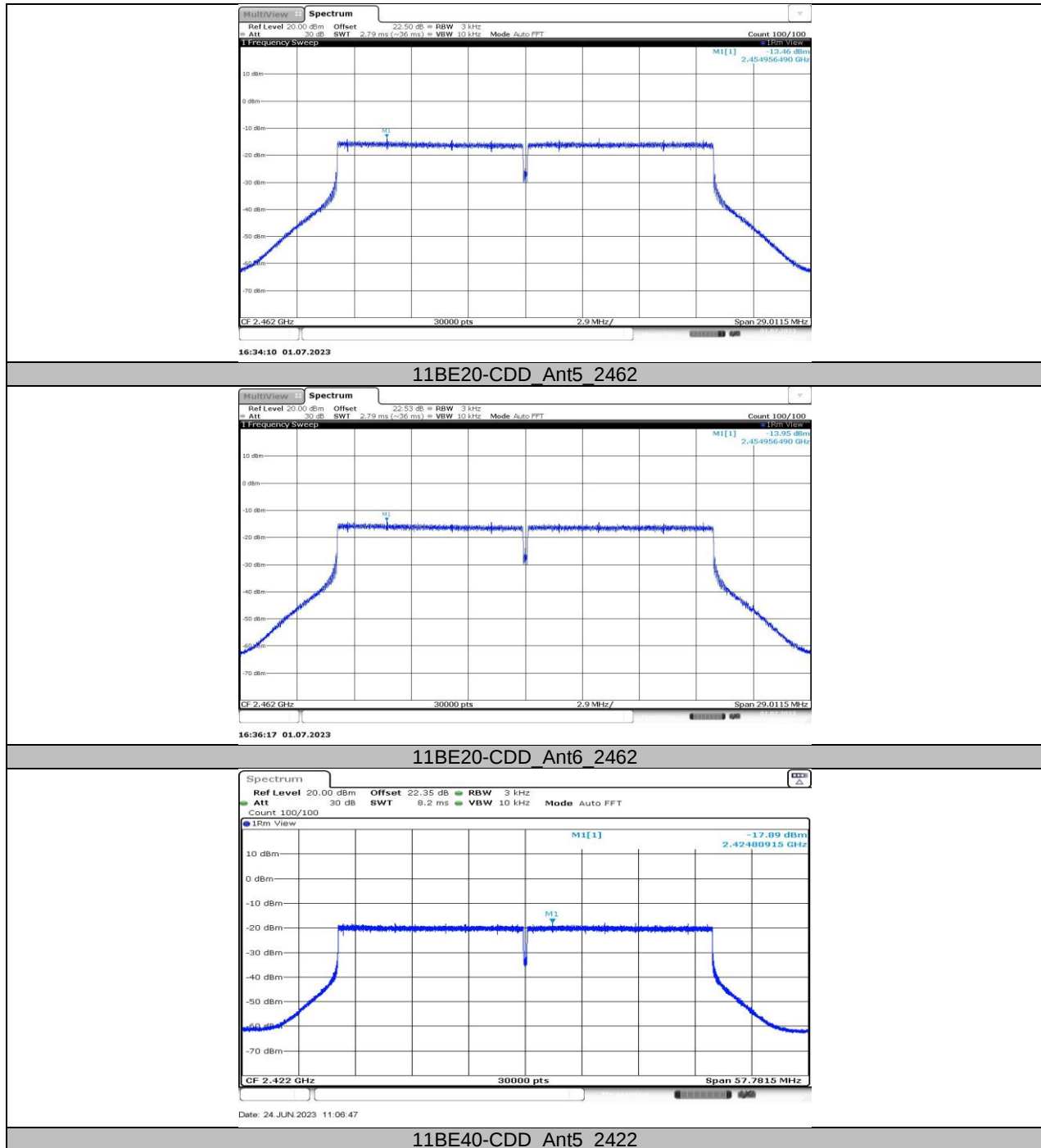


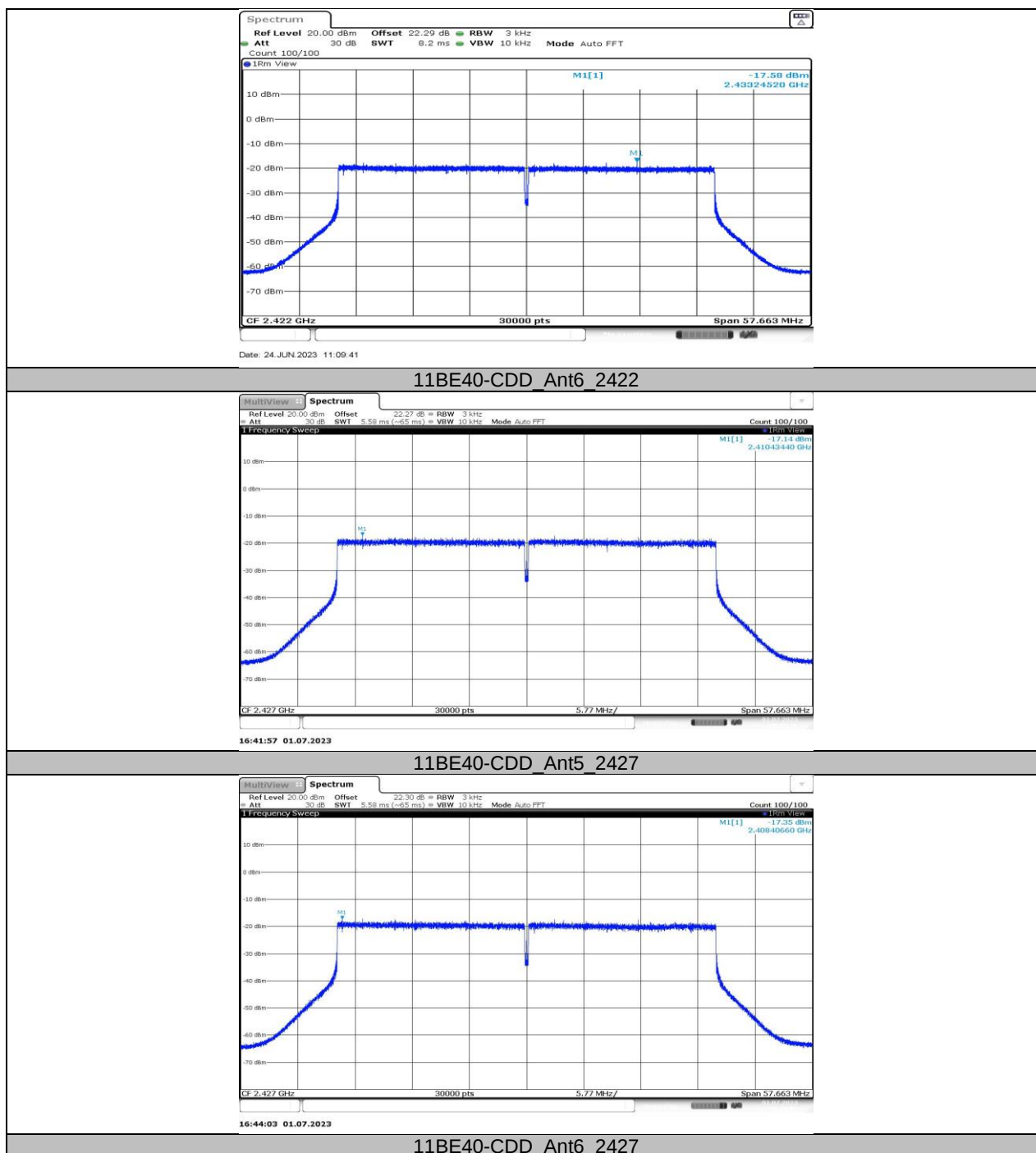


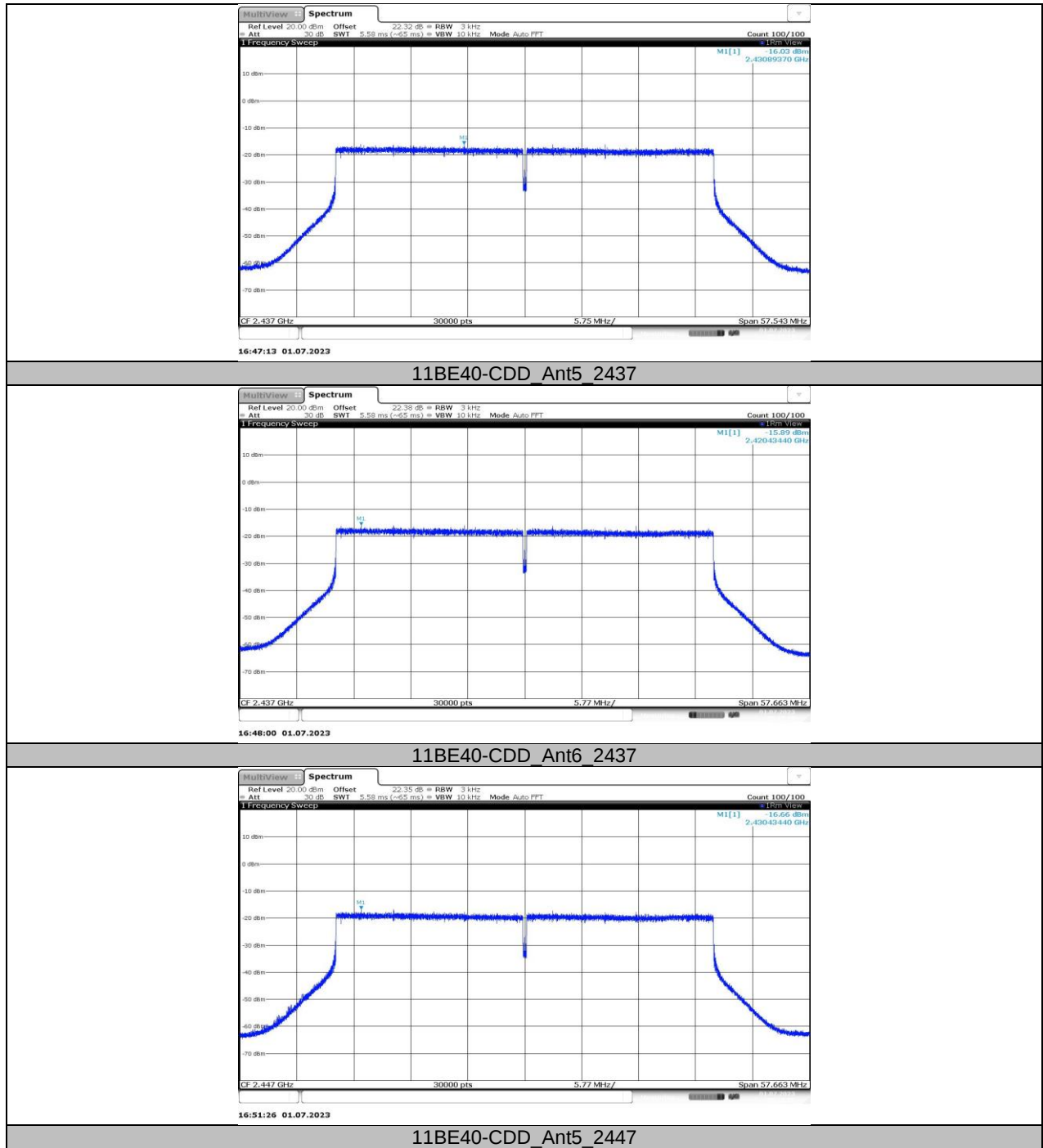


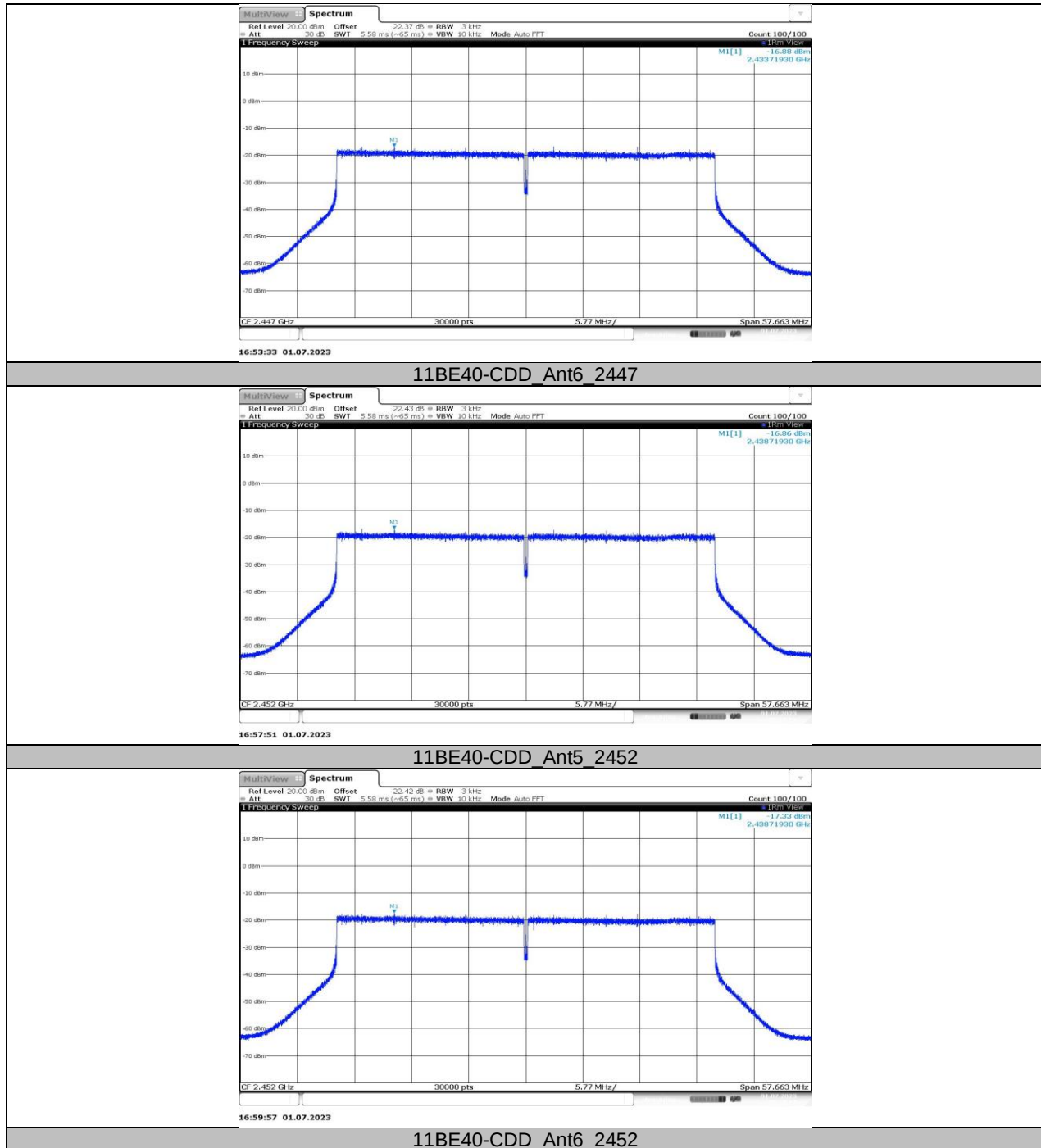












Note: All the mode had been test, but only the worst data was recorded in the report.

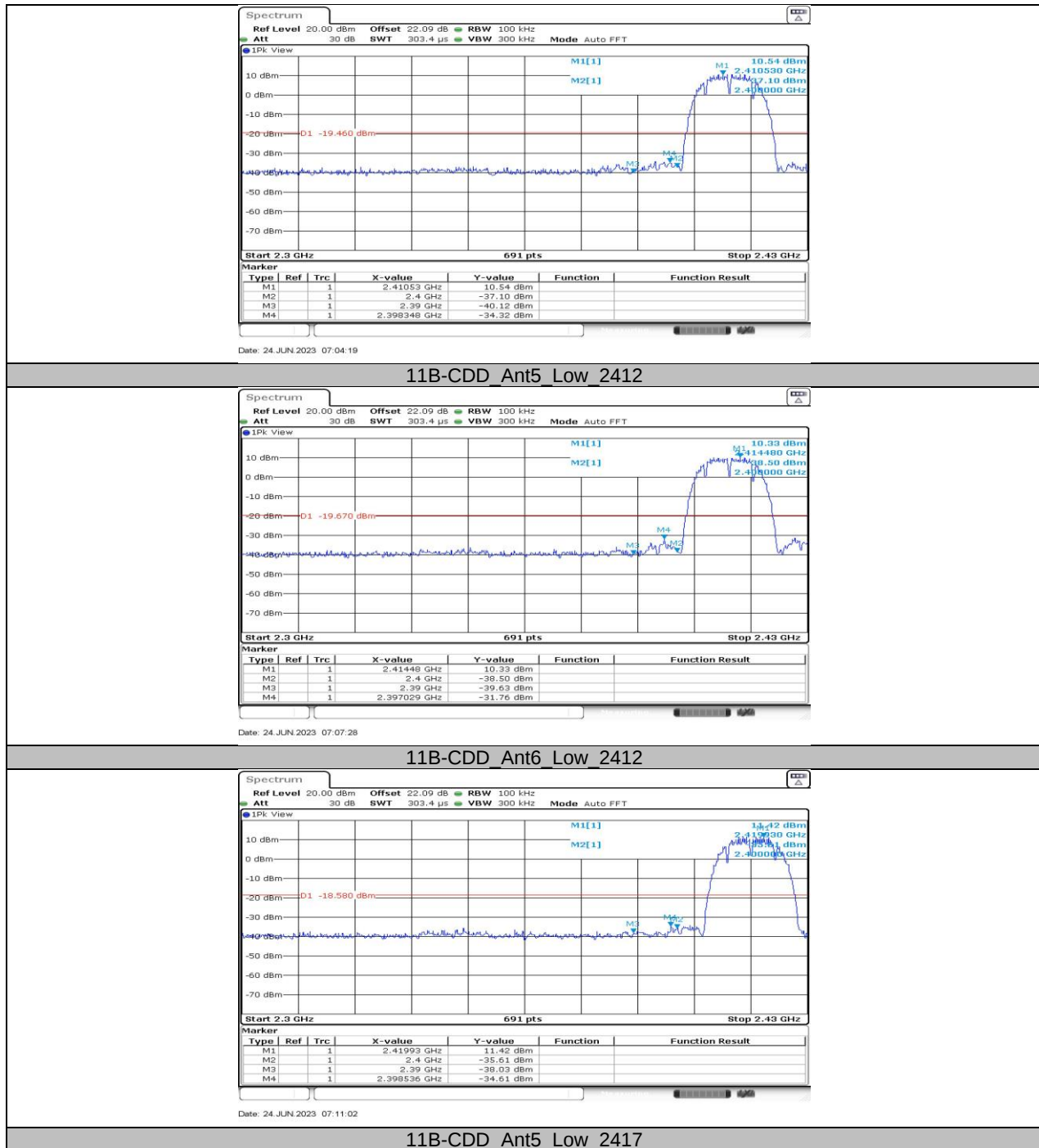
11.5. APPENDIX E: BAND EDGE MEASUREMENTS

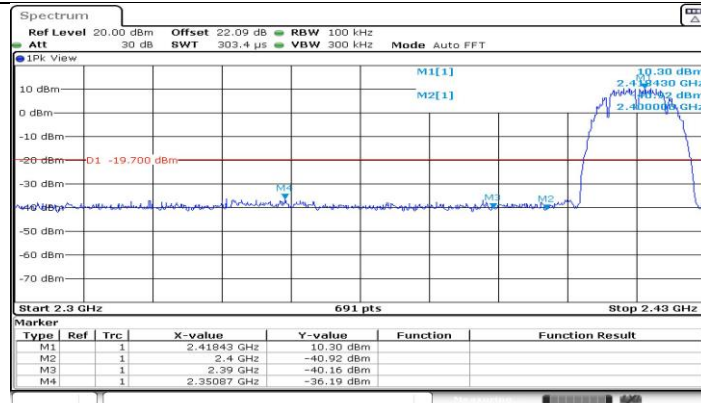
11.5.1. Test Result

Test Mode	Antenna	ChName	Channel	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
11B-CDD	Ant5	Low	2412	10.54	-34.32	≤-19.46	PASS
	Ant6	Low	2412	10.33	-31.76	≤-19.67	PASS
	Ant5	Low	2417	11.42	-34.61	≤-18.58	PASS
	Ant6	Low	2417	10.30	-36.19	≤-19.7	PASS
	Ant5	High	2457	11.01	-36.65	≤-18.99	PASS
	Ant6	High	2457	11.12	-36.94	≤-18.88	PASS
	Ant5	High	2462	11.04	-35.78	≤-18.96	PASS
	Ant6	High	2462	11.07	-36.02	≤-18.93	PASS
11G-CDD	Ant5	Low	2412	8.18	-22.91	≤-21.82	PASS
	Ant6	Low	2412	10.20	-21.9	≤-19.8	PASS
	Ant5	Low	2417	11.12	-36.55	≤-18.88	PASS
	Ant6	Low	2417	8.33	-36.23	≤-21.67	PASS
	Ant5	High	2457	11.31	-36.66	≤-18.69	PASS
	Ant6	High	2457	11.69	-36.5	≤-18.31	PASS
	Ant5	High	2462	11.51	-36.47	≤-18.49	PASS
	Ant6	High	2462	9.33	-36.65	≤-20.67	PASS
11AX20-CDD	Ant5	Low	2412	7.89	-24.69	≤-22.11	PASS
	Ant6	Low	2412	8.34	-22.87	≤-21.66	PASS
	Ant5	Low	2417	10.55	-36.21	≤-19.45	PASS
	Ant6	Low	2417	9.61	-32.25	≤-20.39	PASS
	Ant5	High	2457	8.84	-36.56	≤-21.16	PASS
	Ant6	High	2457	11.45	-36.03	≤-18.55	PASS
	Ant5	High	2462	10.21	-38.04	≤-19.79	PASS
	Ant6	High	2462	10.12	-38.29	≤-19.88	PASS
11AX40-CDD	Ant5	Low	2422	5.73	-24.71	≤-24.27	PASS
	Ant6	Low	2422	6.61	-25.87	≤-23.39	PASS
	Ant5	Low	2427	6.60	-38.01	≤-23.4	PASS
	Ant6	Low	2427	6.66	-37.58	≤-23.34	PASS
	Ant5	High	2447	7.15	-37	≤-22.85	PASS
	Ant6	High	2447	7.54	-37.98	≤-22.46	PASS
	Ant5	High	2452	6.74	-37.16	≤-23.26	PASS
	Ant6	High	2452	7.00	-37.79	≤-23	PASS
11BE20-CDD	Ant5	Low	2412	10.35	-21.94	≤-19.65	PASS
	Ant6	Low	2412	11.35	-19.72	≤-18.65	PASS
	Ant5	Low	2417	11.01	-35.44	≤-18.99	PASS
	Ant6	Low	2417	9.59	-33.94	≤-20.41	PASS
	Ant5	High	2457	11.79	-36.58	≤-18.21	PASS
	Ant6	High	2457	11.46	-36.28	≤-18.54	PASS
	Ant5	High	2462	10.38	-37.72	≤-19.62	PASS
	Ant6	High	2462	9.76	-37.93	≤-20.24	PASS
11BE40-CDD	Ant5	Low	2422	4.93	-25.61	≤-25.07	PASS
	Ant6	Low	2422	6.55	-24.34	≤-23.45	PASS
	Ant5	Low	2427	6.39	-38.21	≤-23.61	PASS
	Ant6	Low	2427	6.37	-35.14	≤-23.63	PASS
	Ant5	High	2447	6.91	-37.06	≤-23.09	PASS
	Ant6	High	2447	6.40	-38.17	≤-23.6	PASS
	Ant5	High	2452	6.69	-36.65	≤-23.31	PASS
	Ant6	High	2452	6.46	-37.29	≤-23.54	PASS

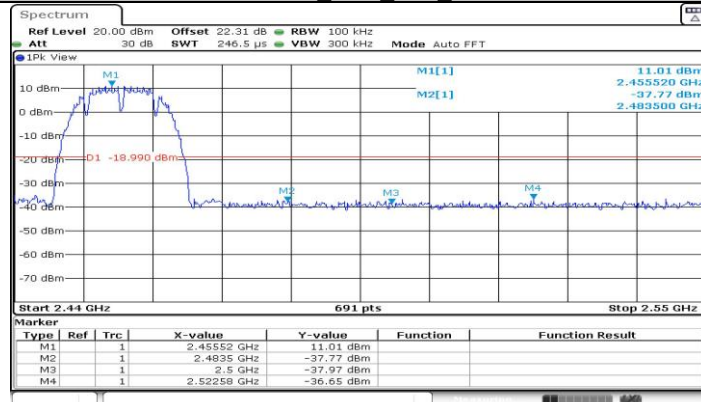
Note: All the mode had been test, but only the worst data was recorded in the report.

11.5.2. Test Graphs

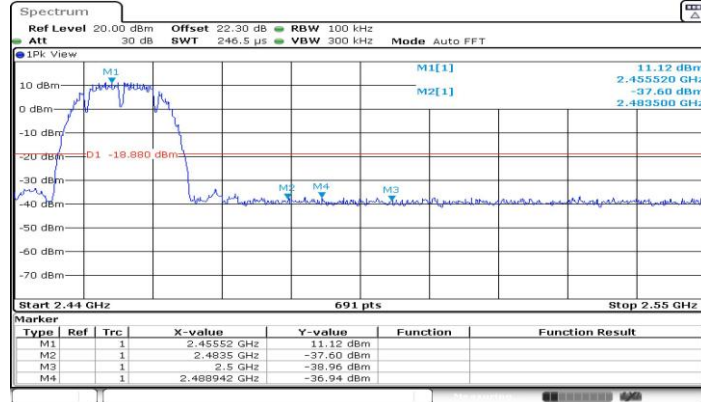




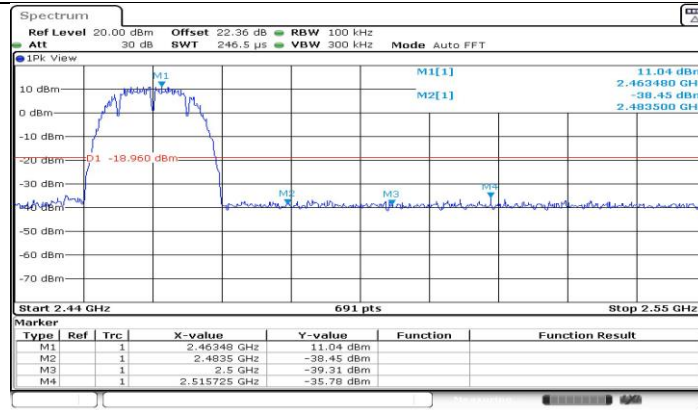
11B-CDD Ant6 Low 2417



11B-CDD Ant5 High 2457



11B-CDD Ant6 High 2457



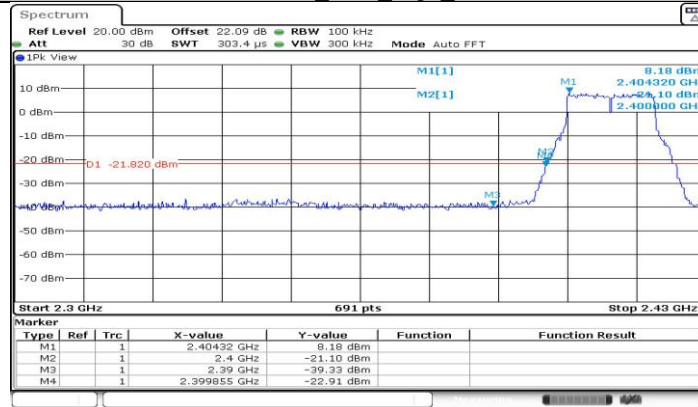
Date: 24 JUN 2023 07:57:44

11B-CDD Ant5 High 2462



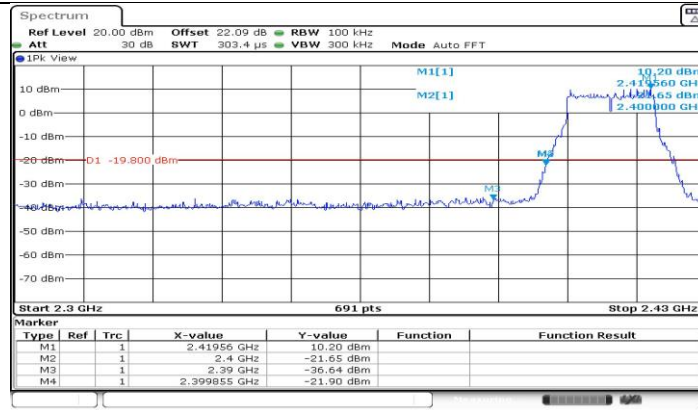
Date: 24 JUN 2023 08:00:31

11B-CDD Ant6 High 2462

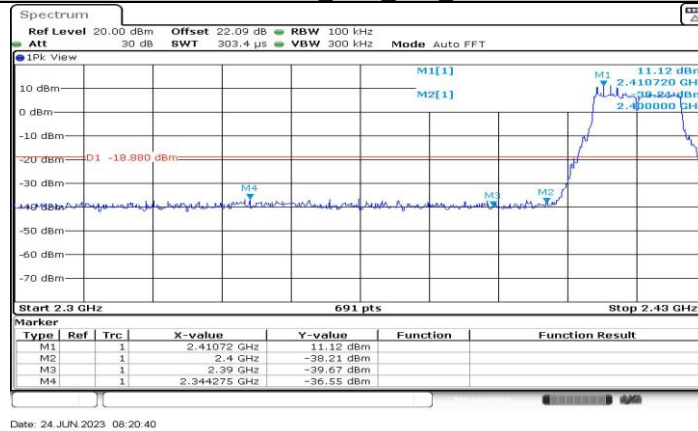


Date: 24 JUN 2023 08:13:35

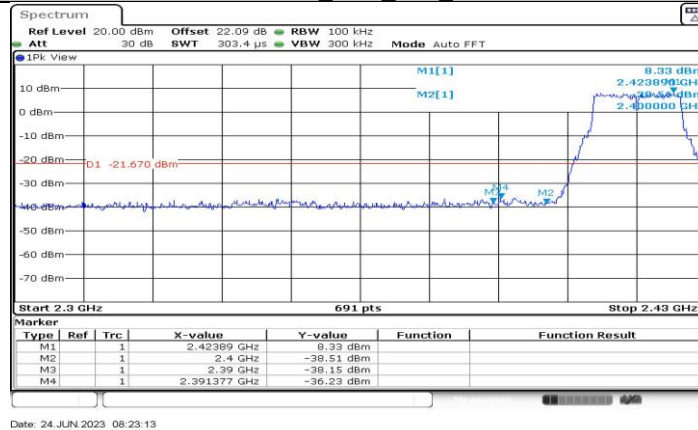
11G-CDD Ant5 Low 2412



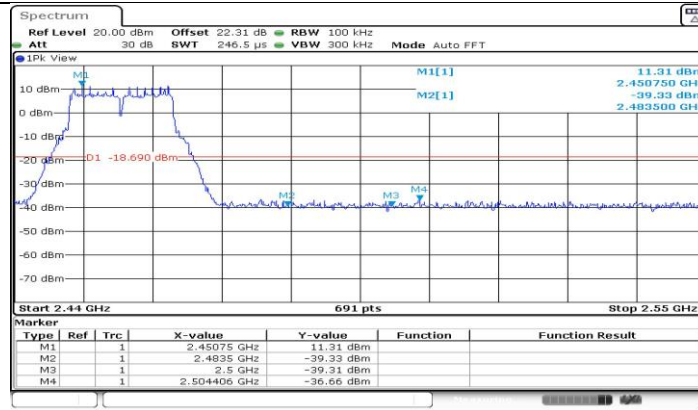
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11G-CDD Ant5 Low 2417

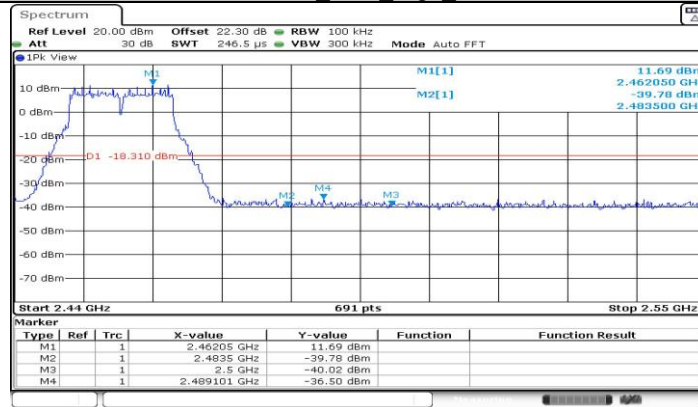


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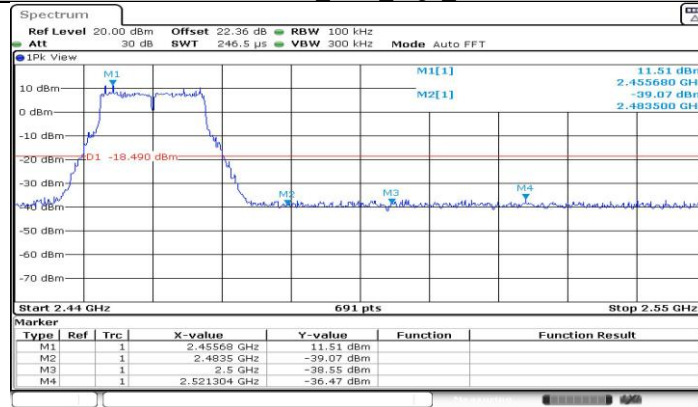
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11G-CDD Ant5 High 2457



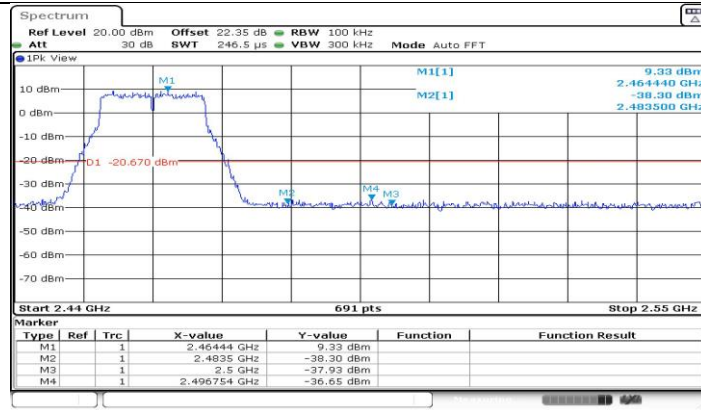
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11G-CDD Ant6 High 2457



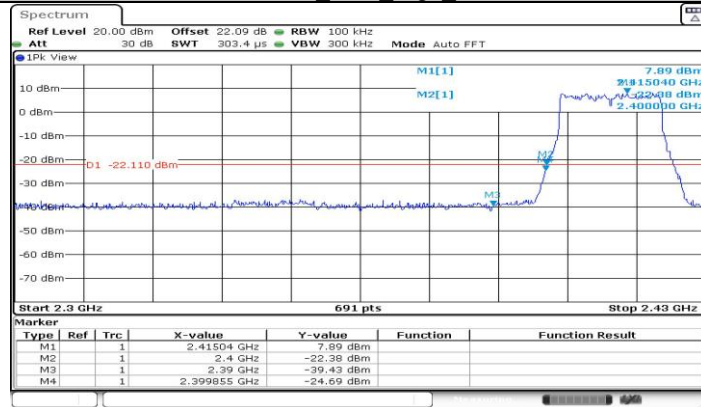
Date: 24 JUN 2023 08:40:21

11G-CDD Ant5 High 2462



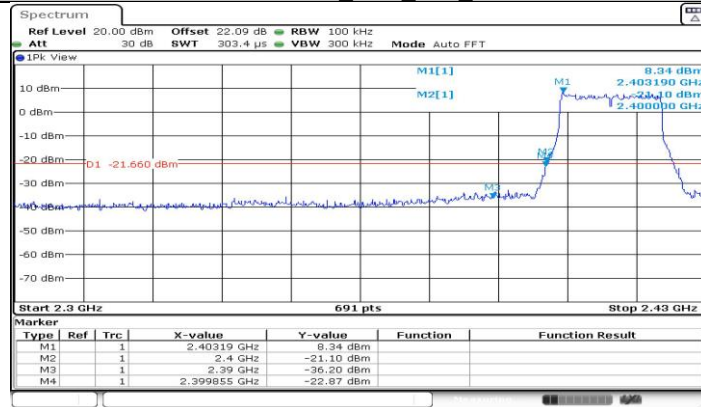
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11G-CDD Ant6 High 2462



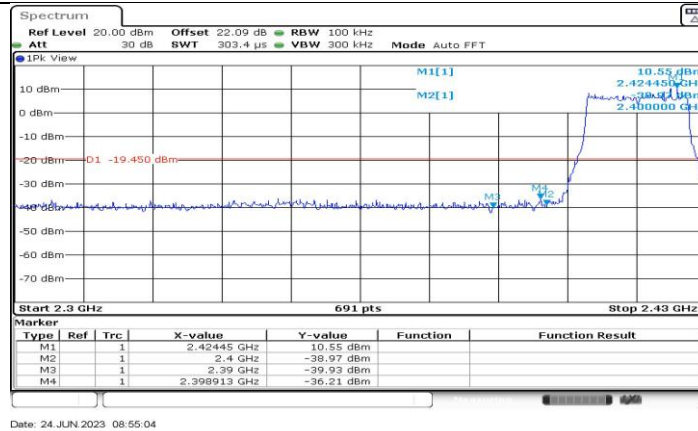
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11AX20-CDD Ant5 Low 2412

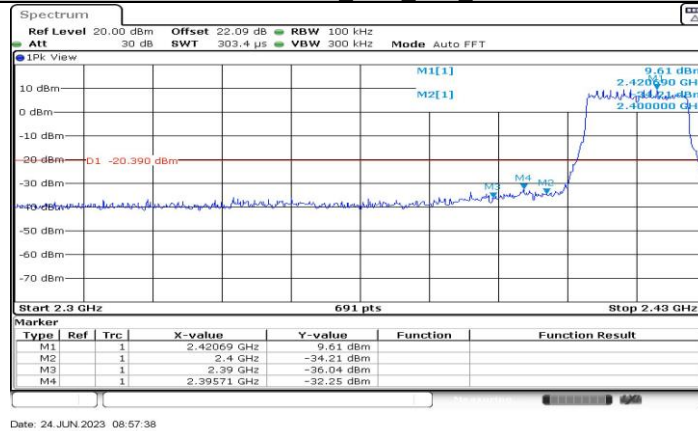


Date: 24 JUN 2023 08:50:58

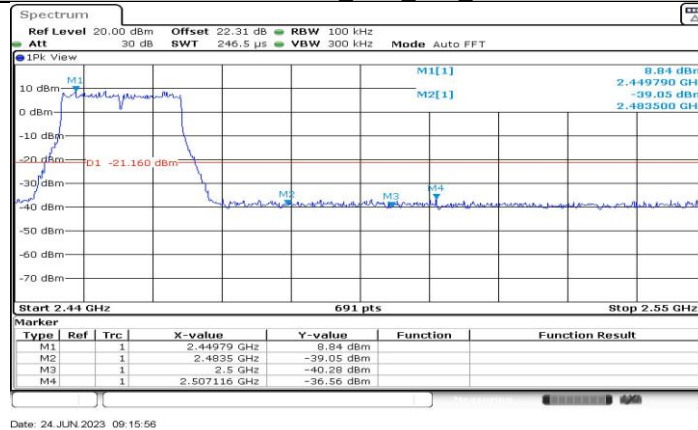
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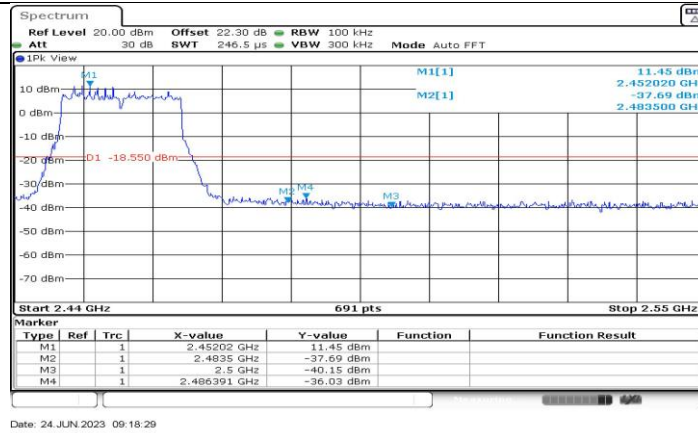
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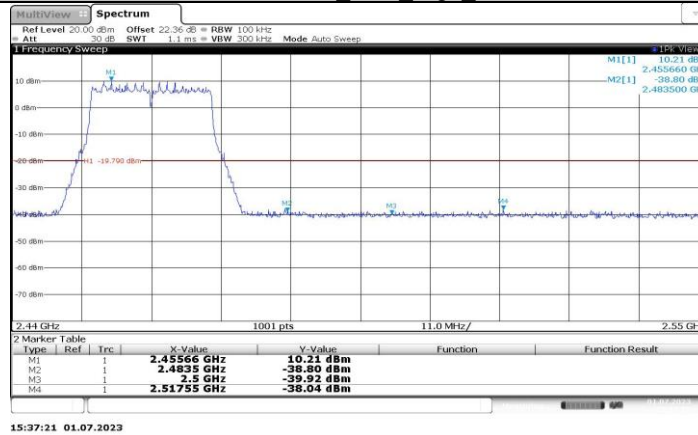
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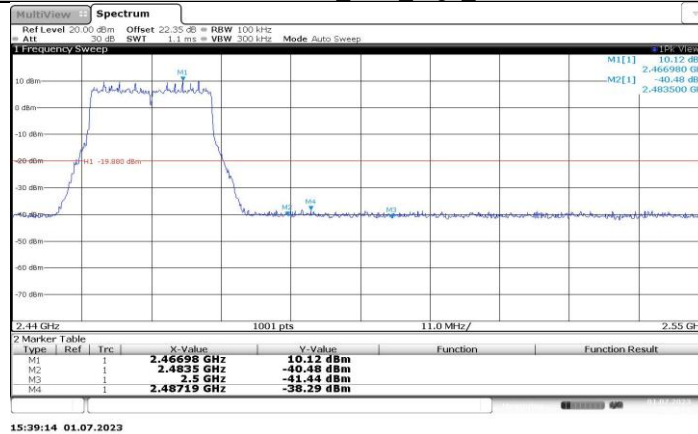
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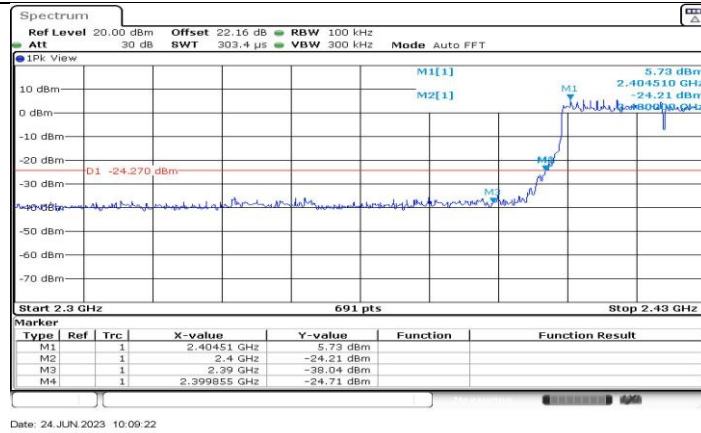
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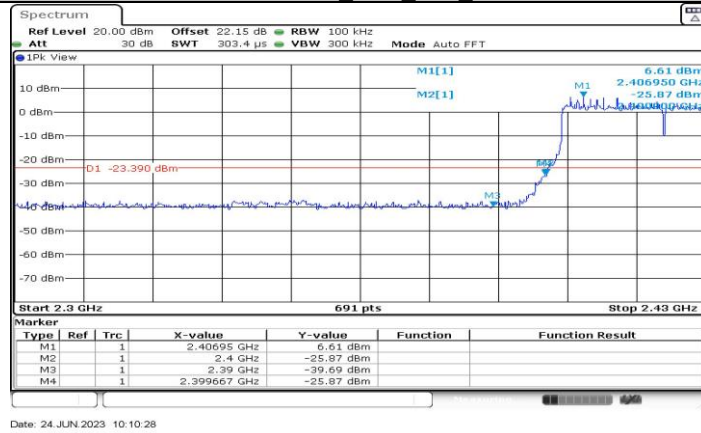
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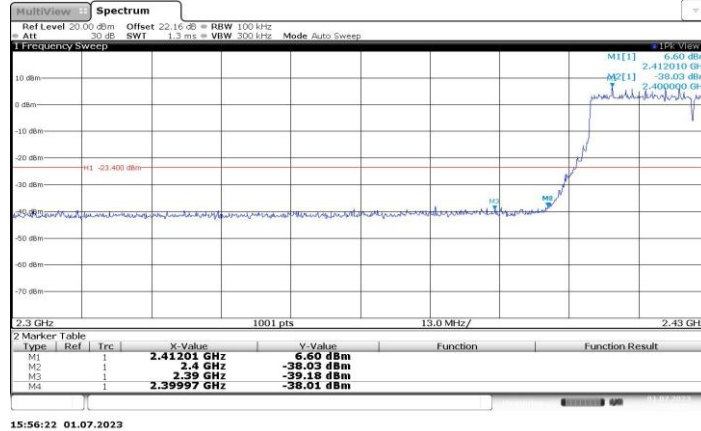
11AX20-CDD_Ant6_High_2462



11AX40-CDD_Ant5_Low_2422



11AX40-CDD_Ant6_Low_2422



11AX40-CDD_Ant5_Low_2427

