

11BE40-CDD_Ant6_2452

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

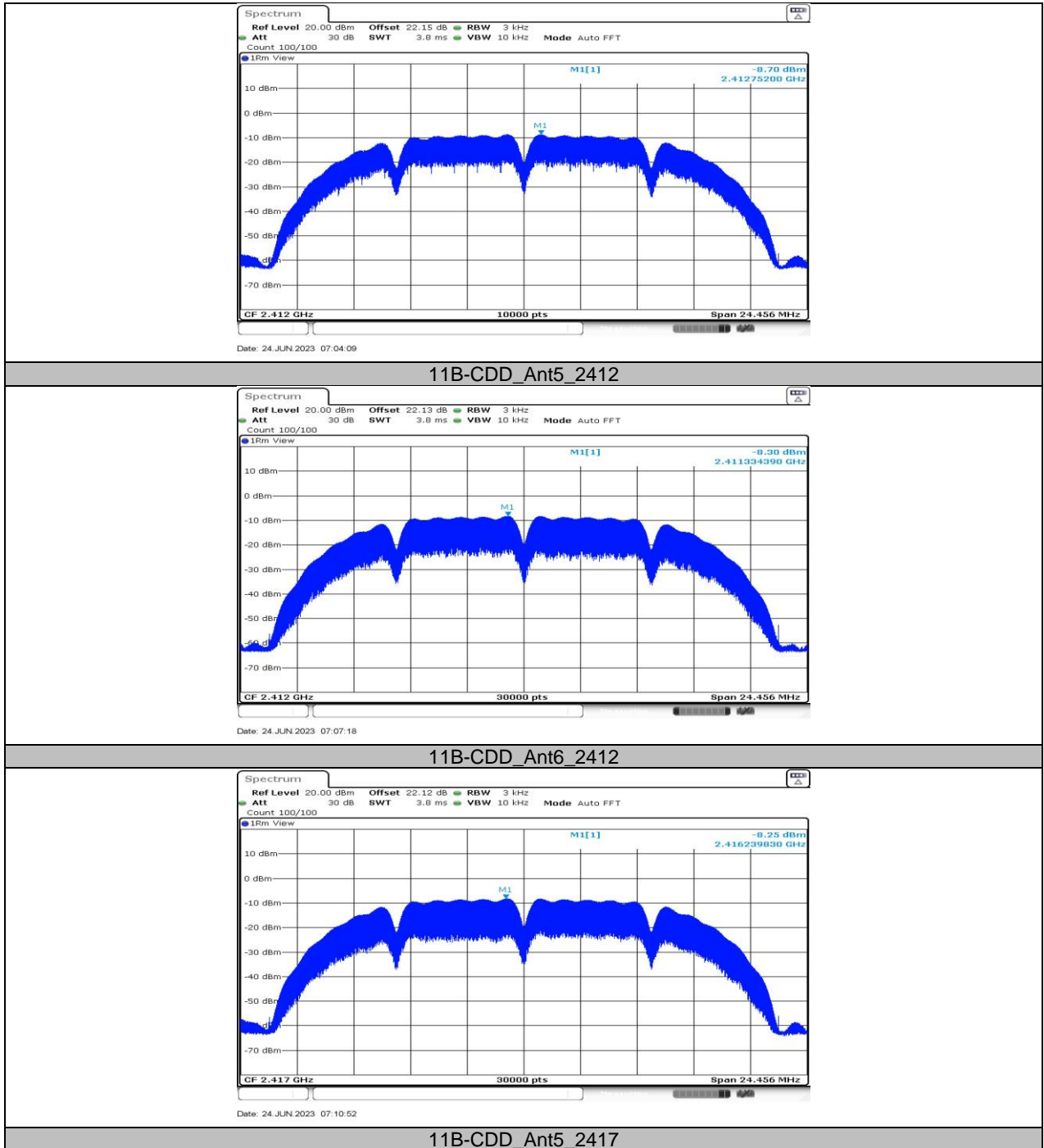
11.4.1. Test Result

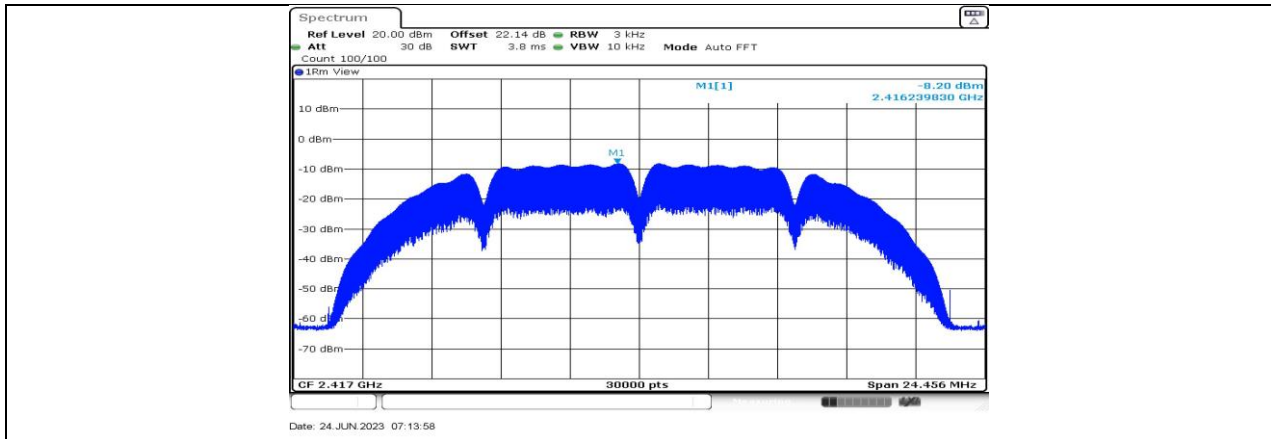
Test Mode	Antenna	Channel	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
11B-CDD	Ant5	2412	-8.7	≤8.00	PASS
	Ant6	2412	-8.3	≤8.00	PASS
	total	2412	-5.49	≤8.00	PASS
	Ant5	2417	-8.25	≤8.00	PASS
	Ant6	2417	-8.2	≤8.00	PASS
	total	2417	-5.21	≤8.00	PASS
	Ant5	2437	-7.9	≤8.00	PASS
	Ant6	2437	-7.96	≤8.00	PASS
	total	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

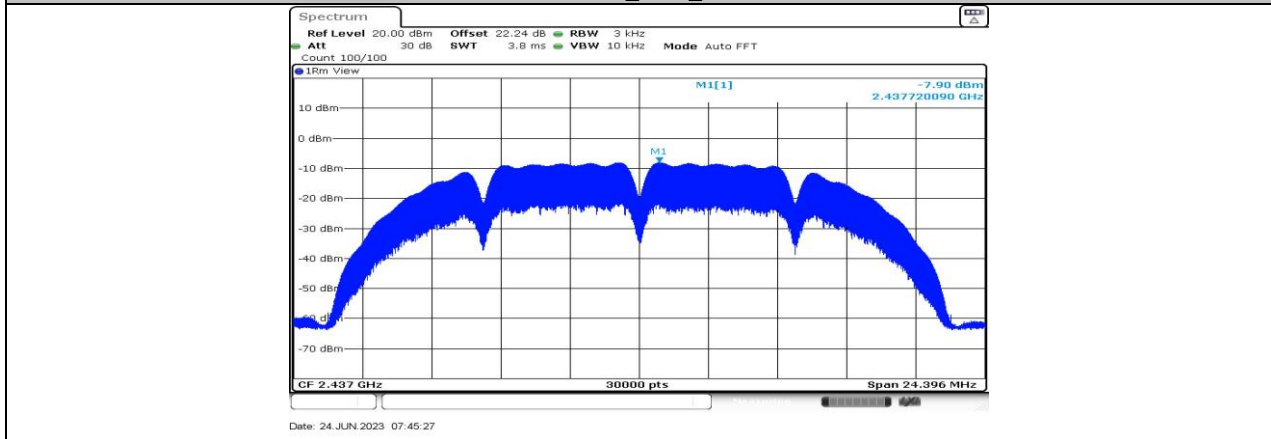
Note: All the mode had been test, but only the worst data was recorded in the report.

11.4.2. Test Graphs

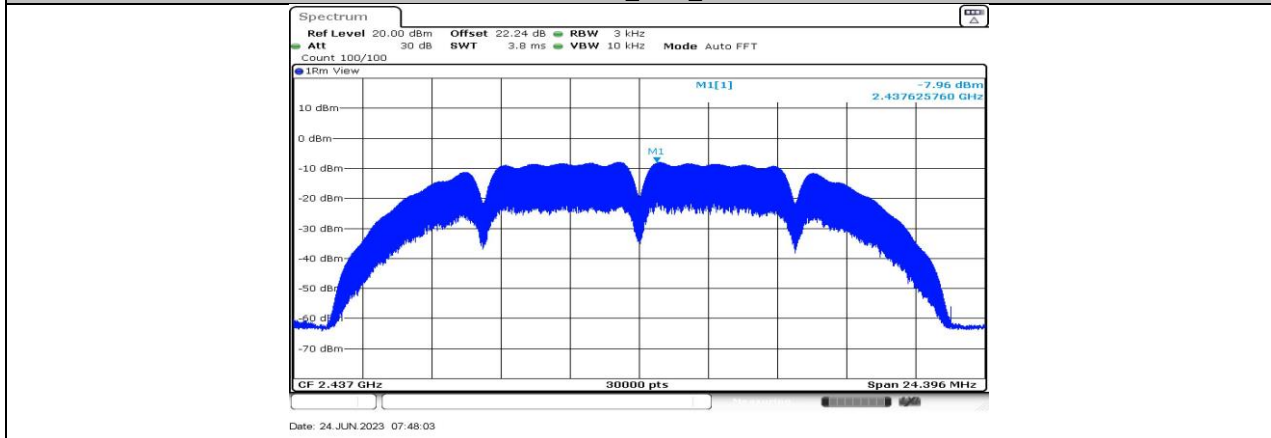




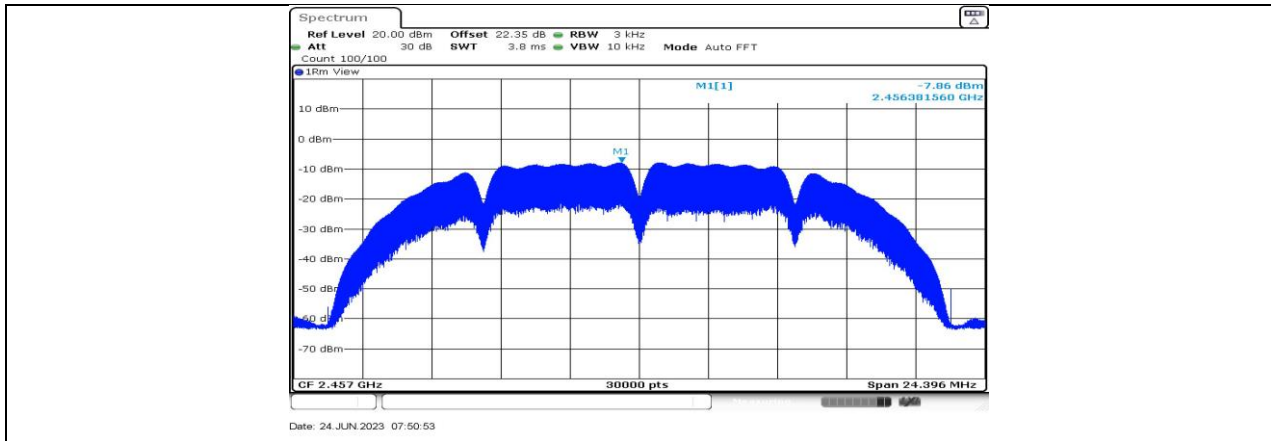
11B-CDD_Ant6_2417



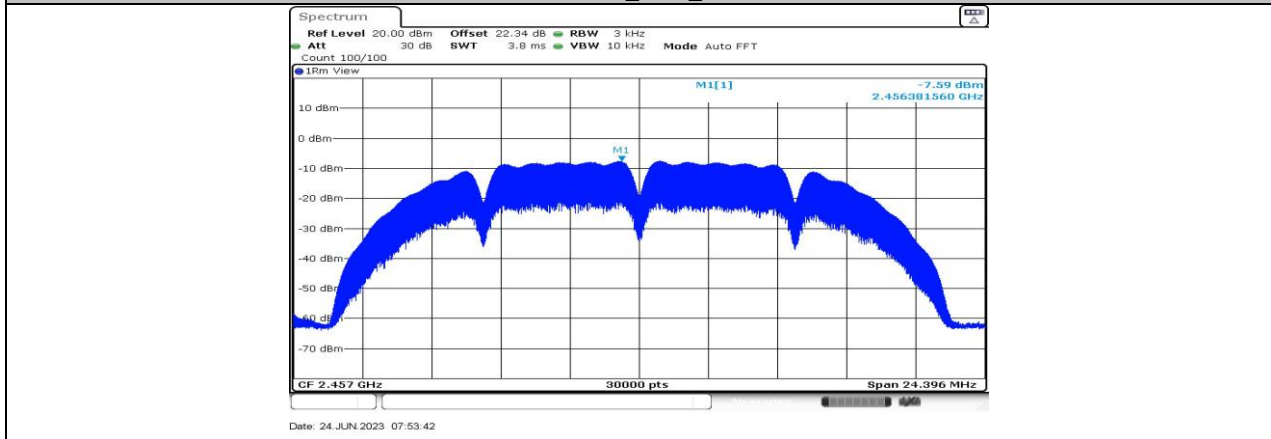
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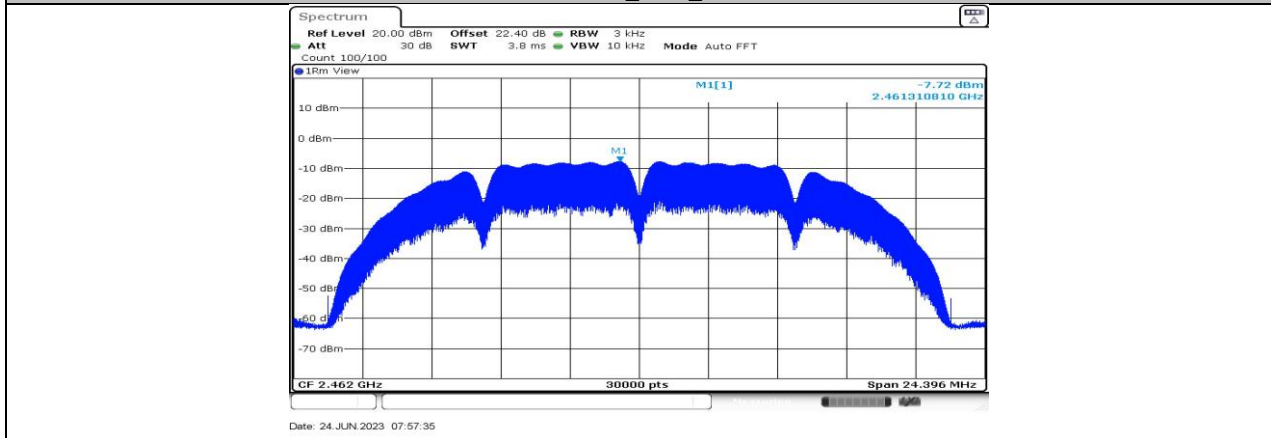
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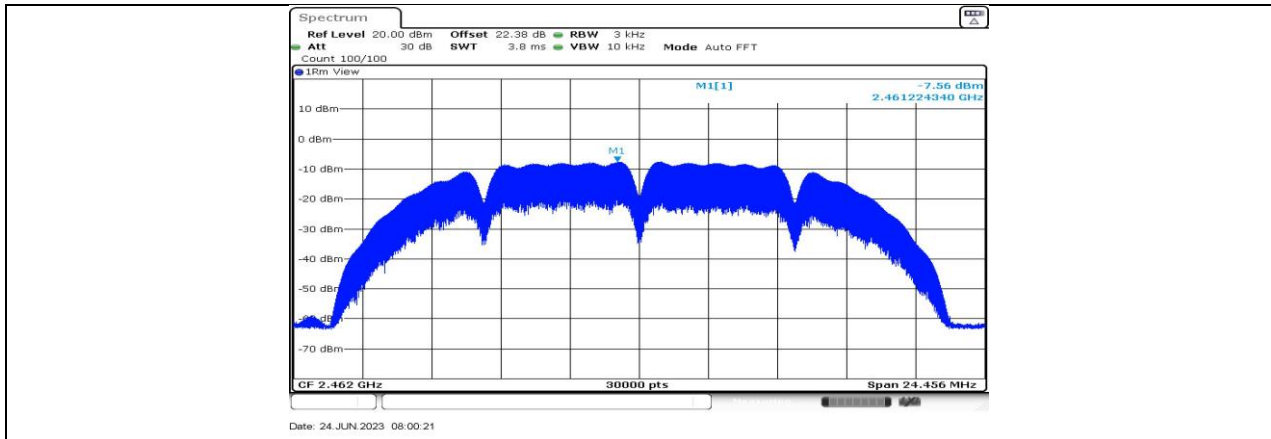
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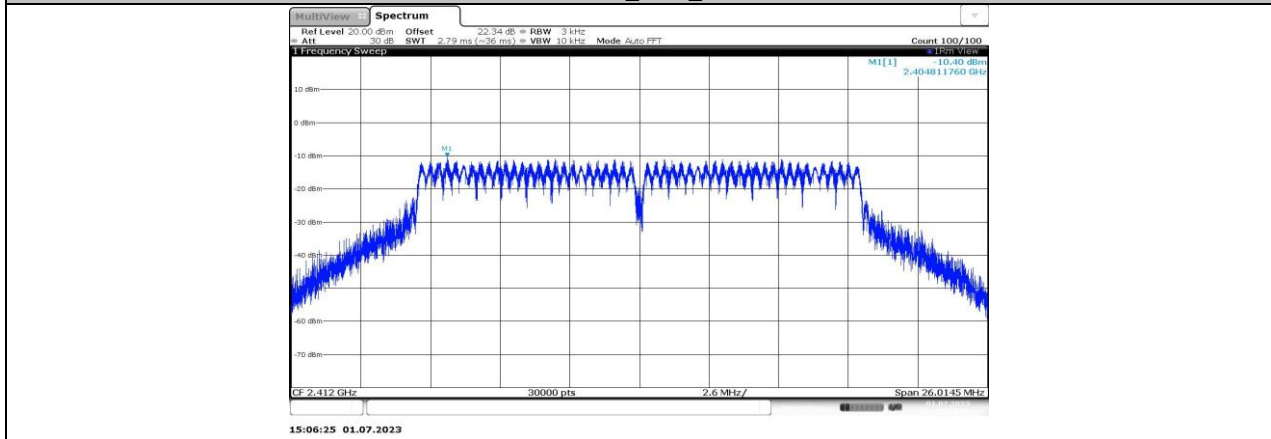
11B-CDD_Ant6_2457



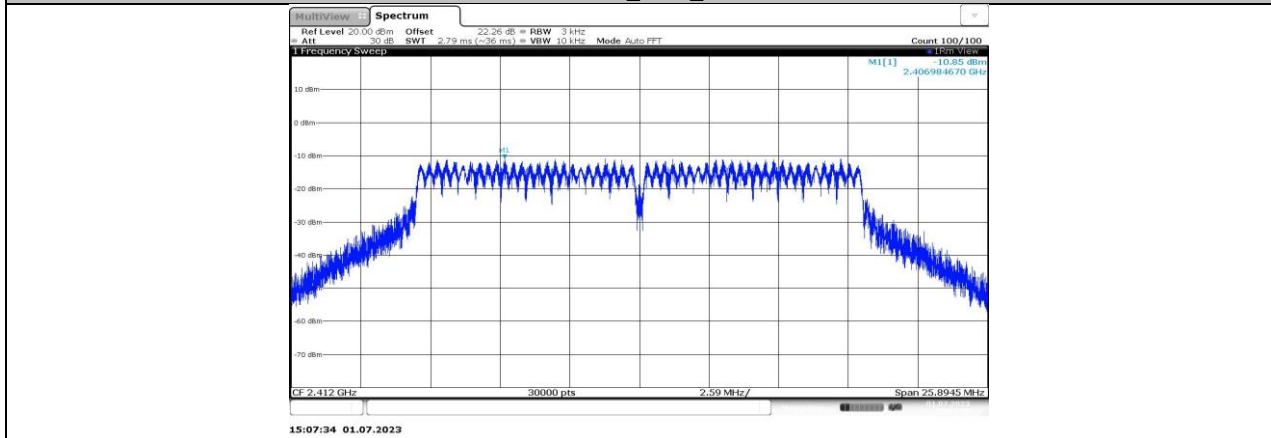
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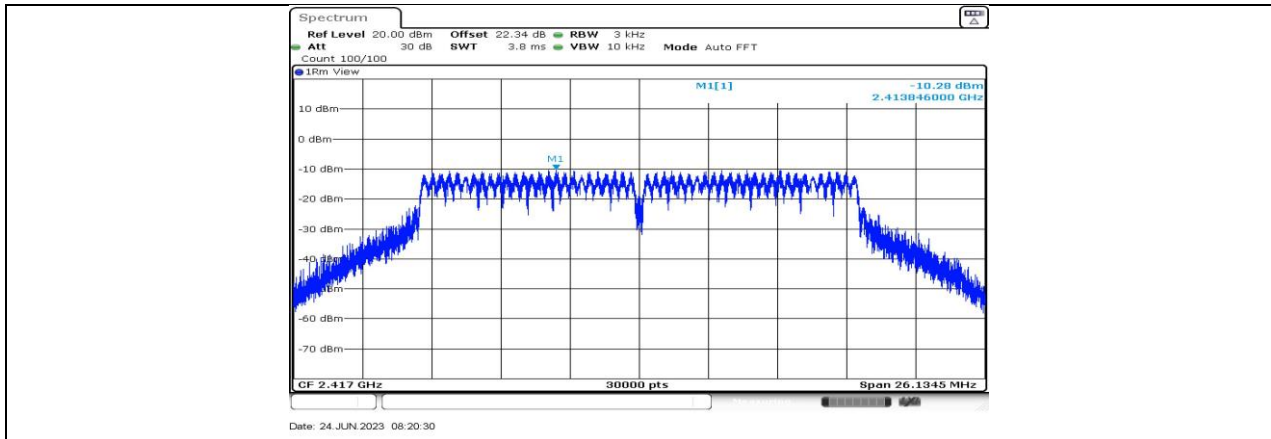
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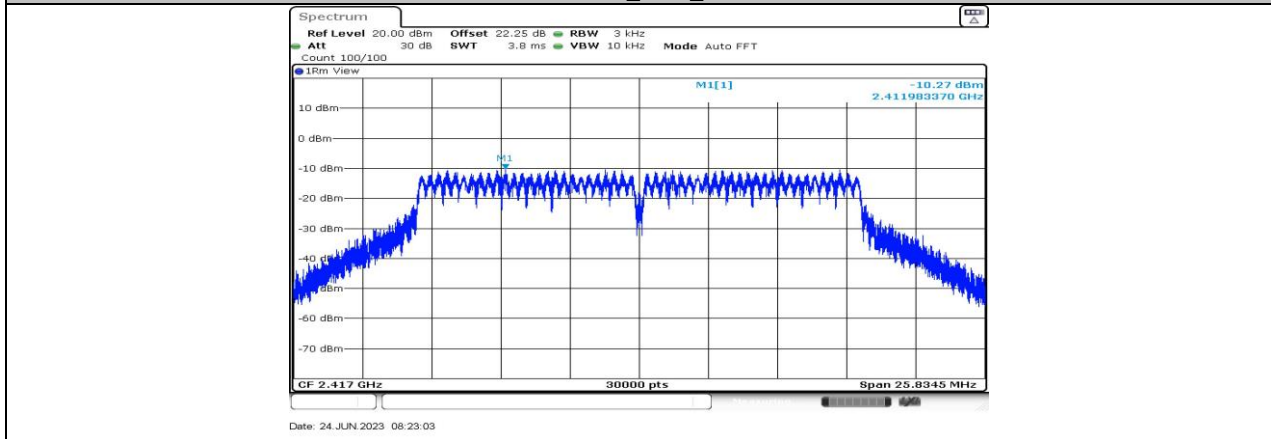
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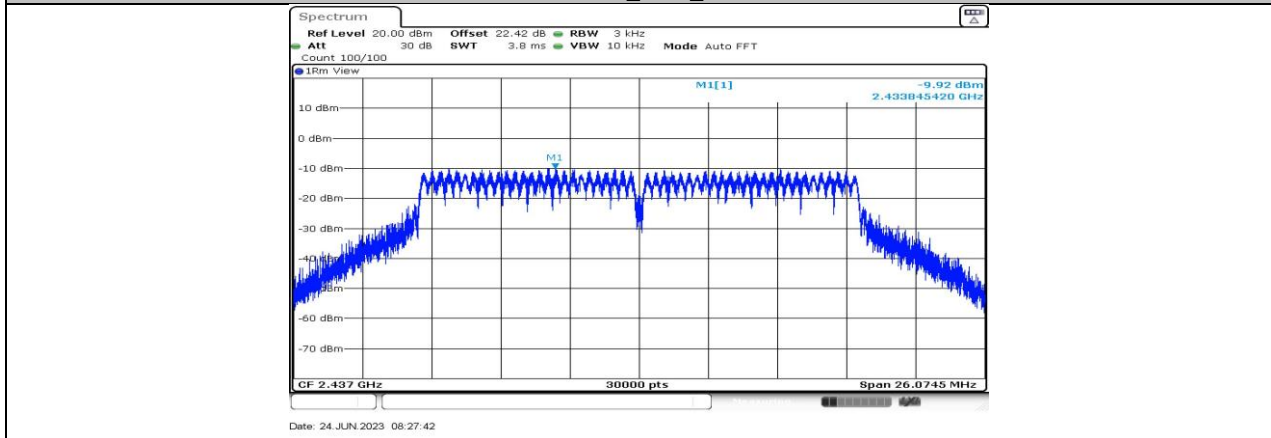
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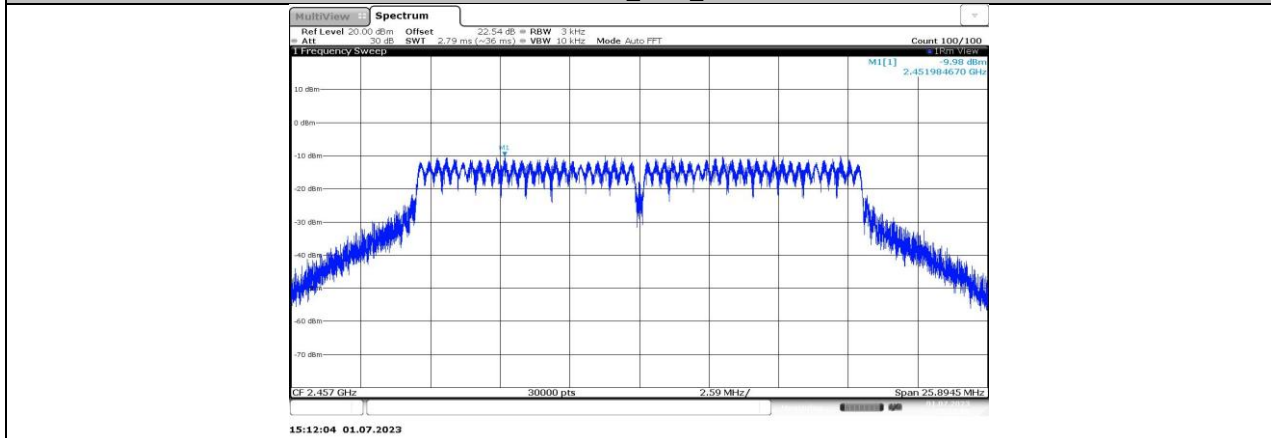
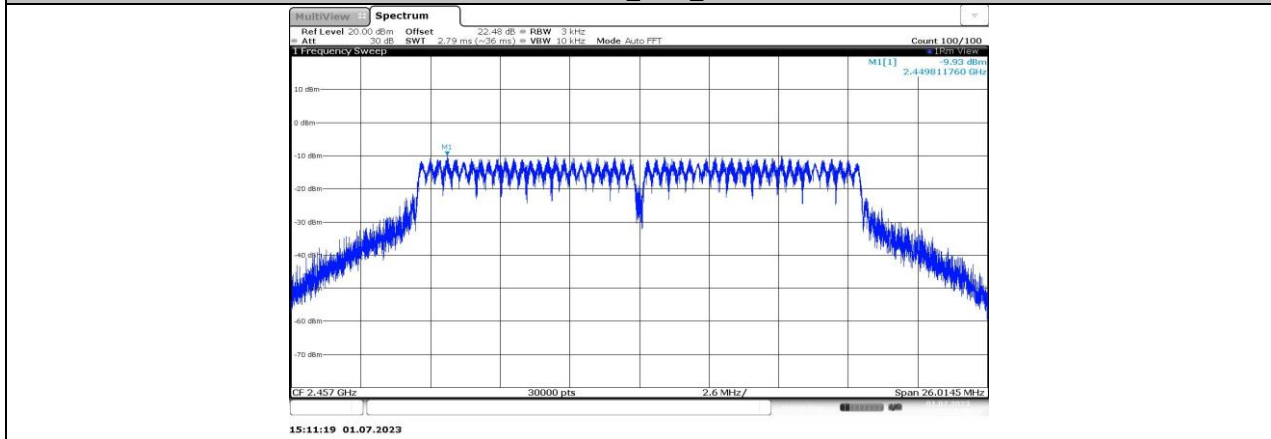
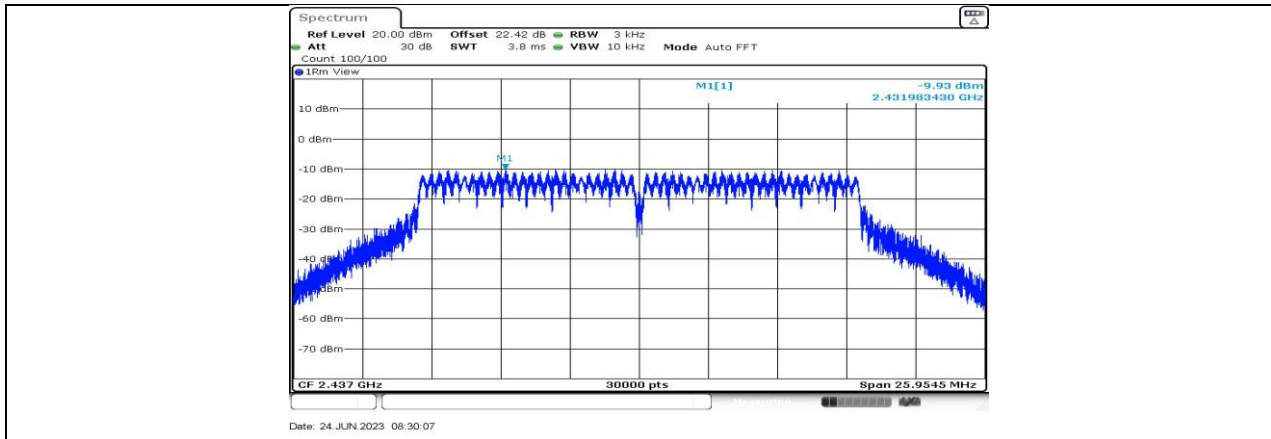
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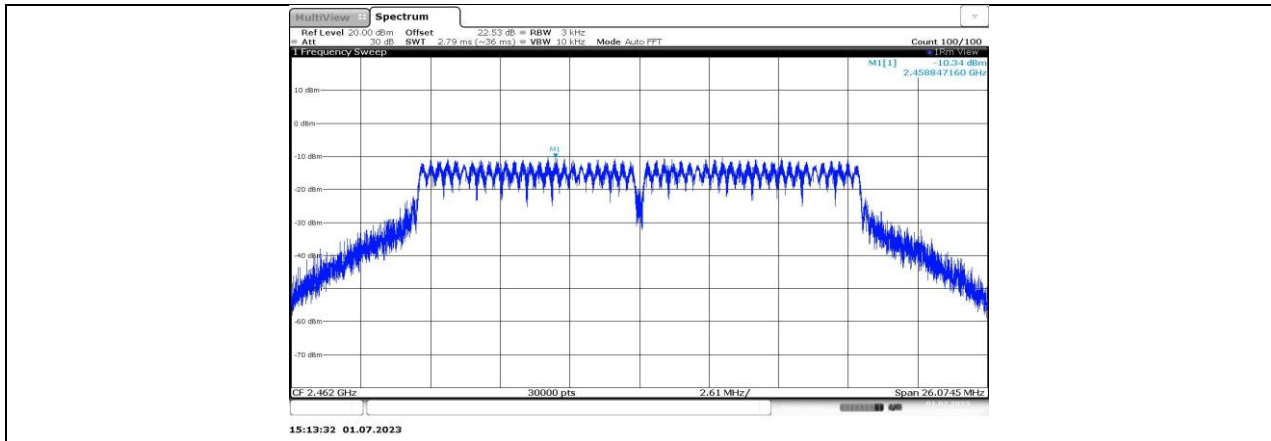


11G-CDD_Ant6_2417

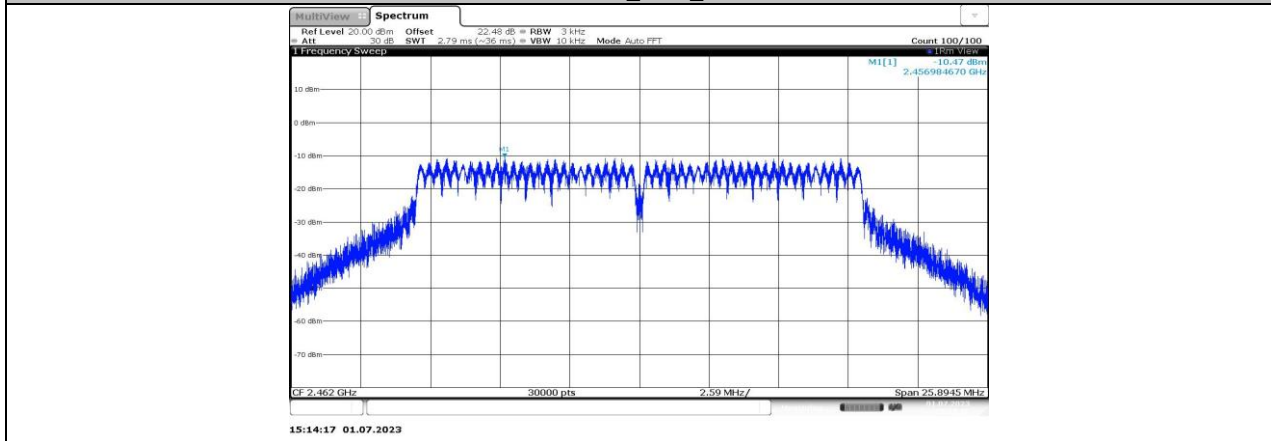


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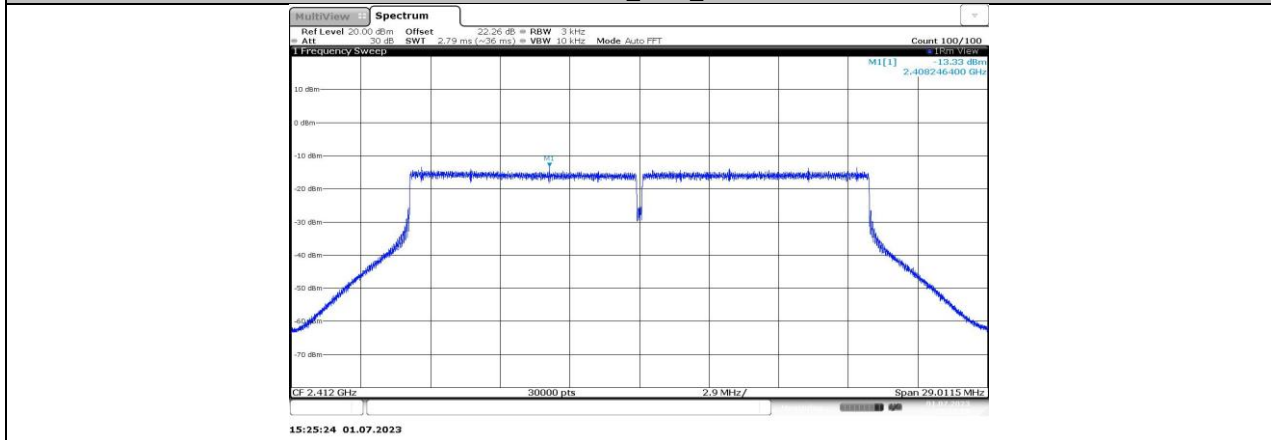




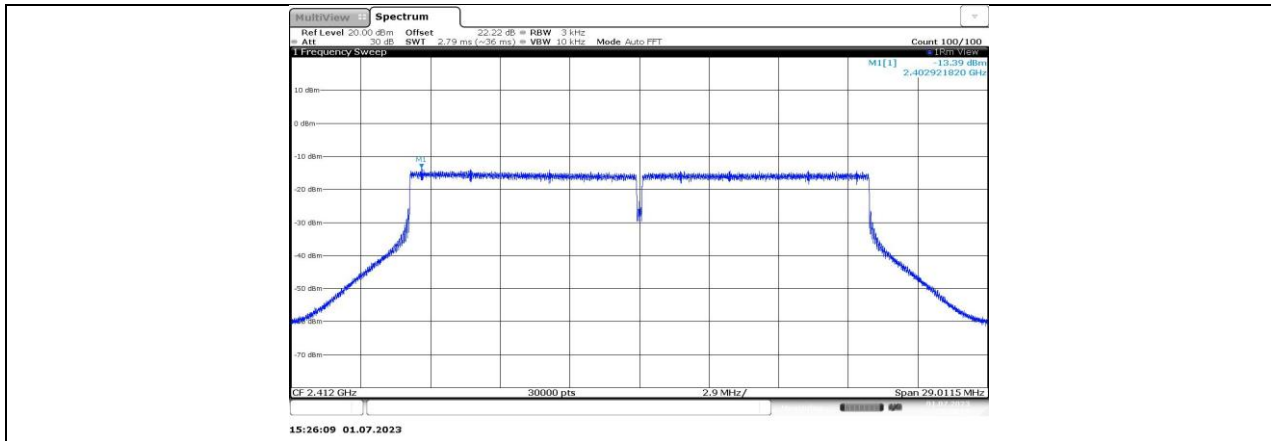
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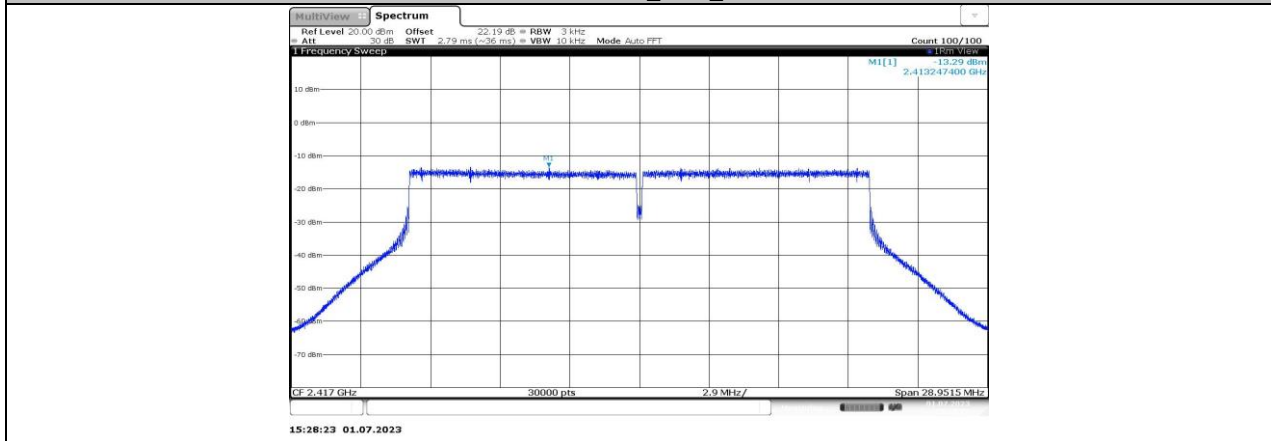
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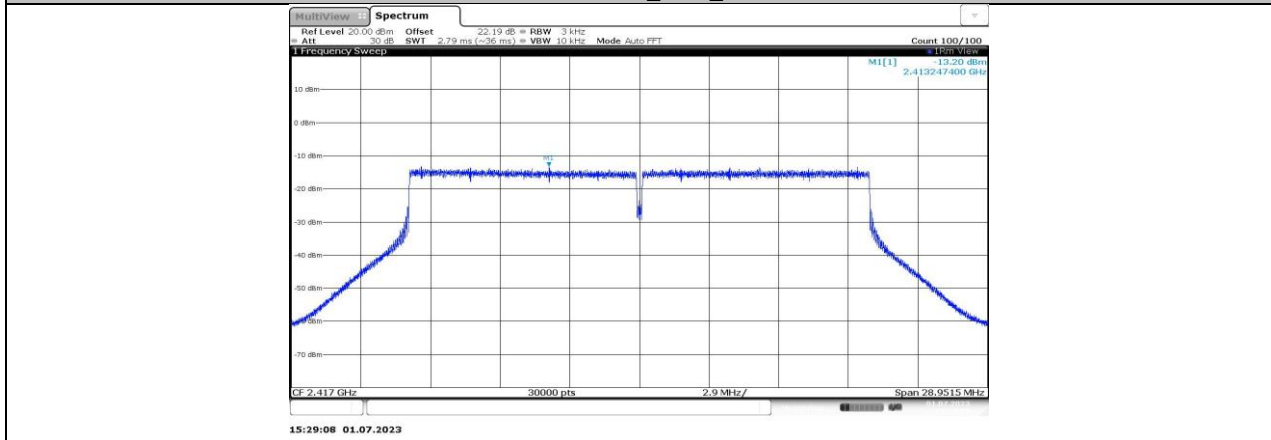
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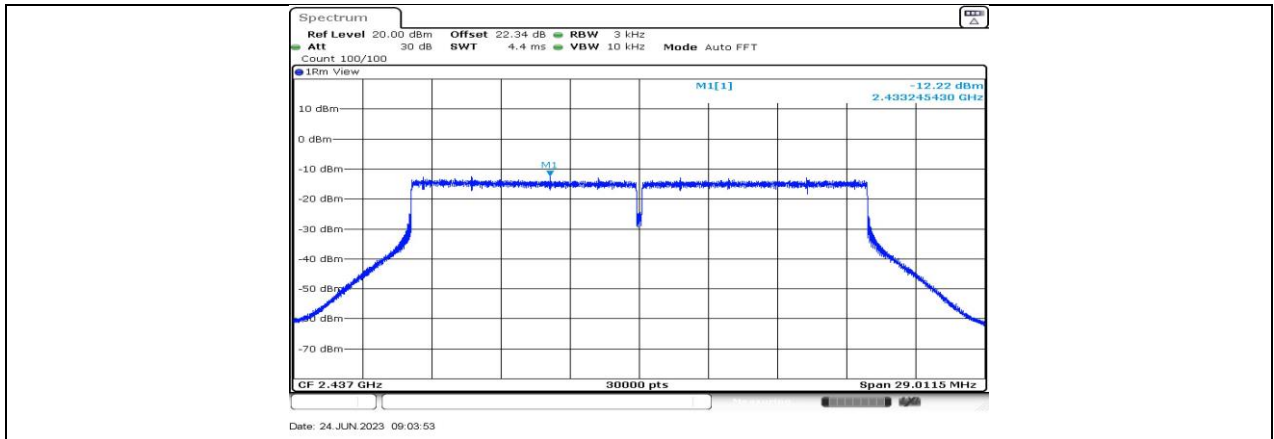
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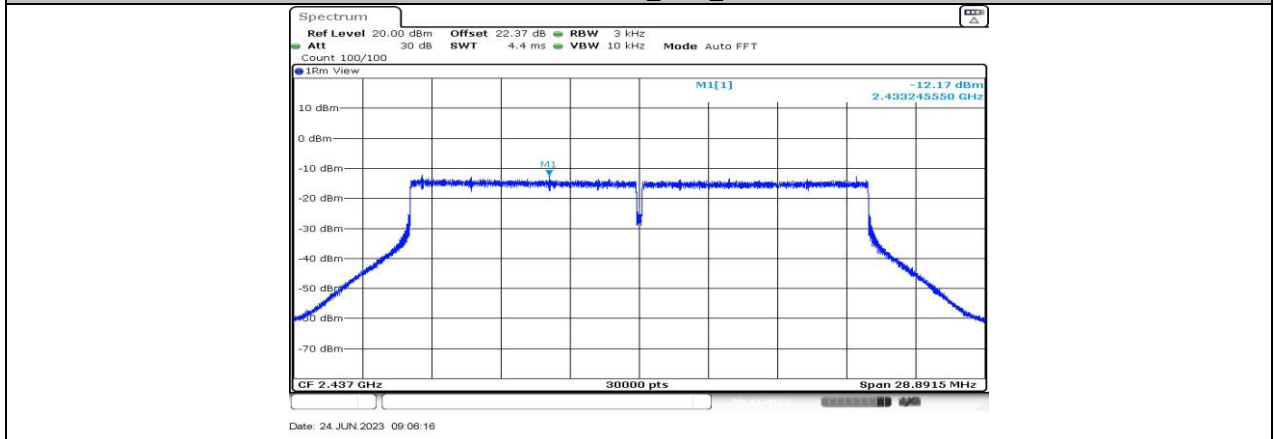
11AX20-CDD_Ant5_2417



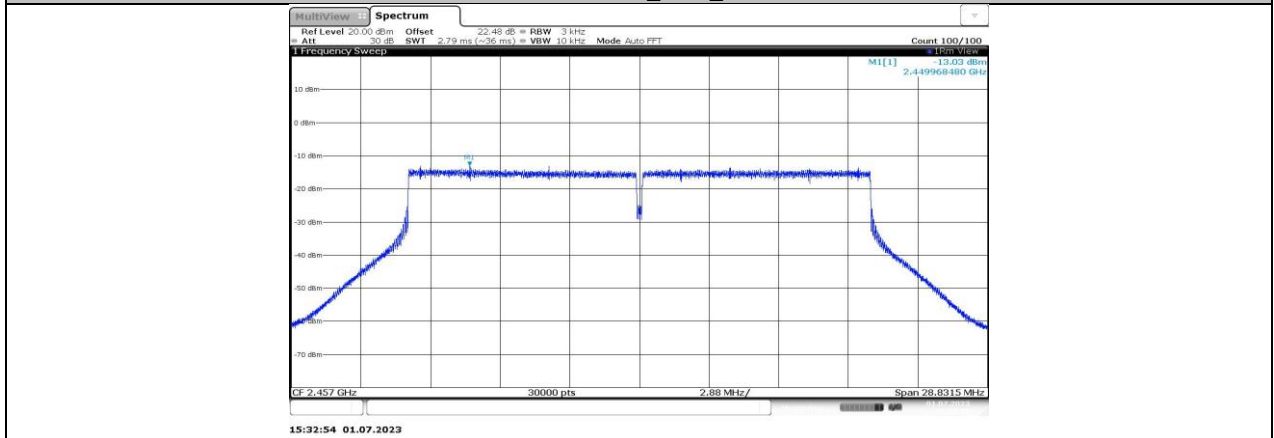
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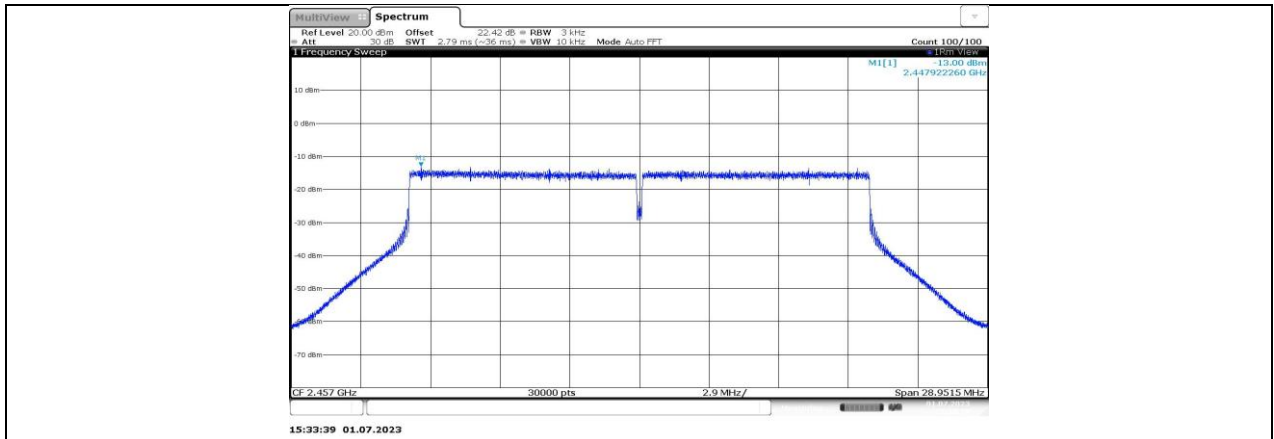
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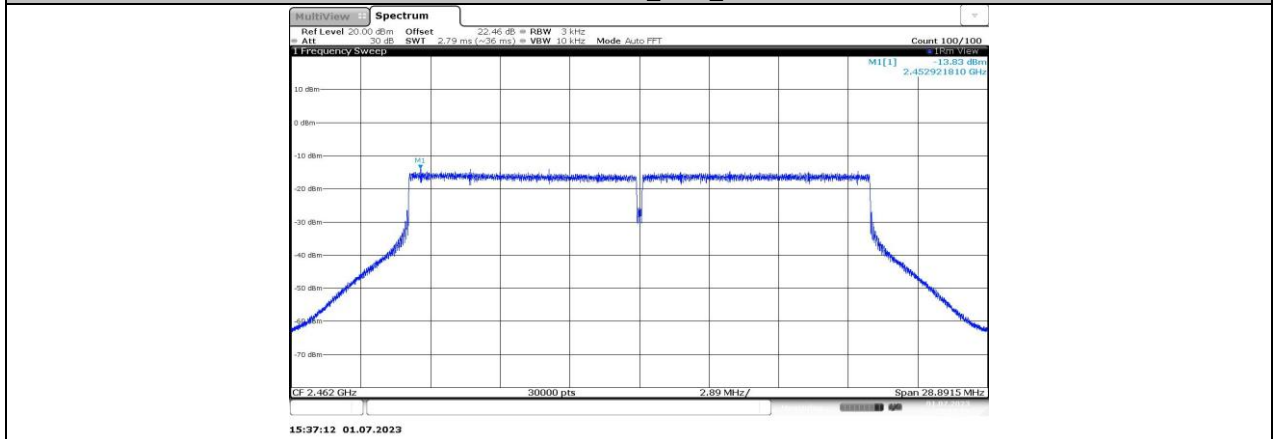
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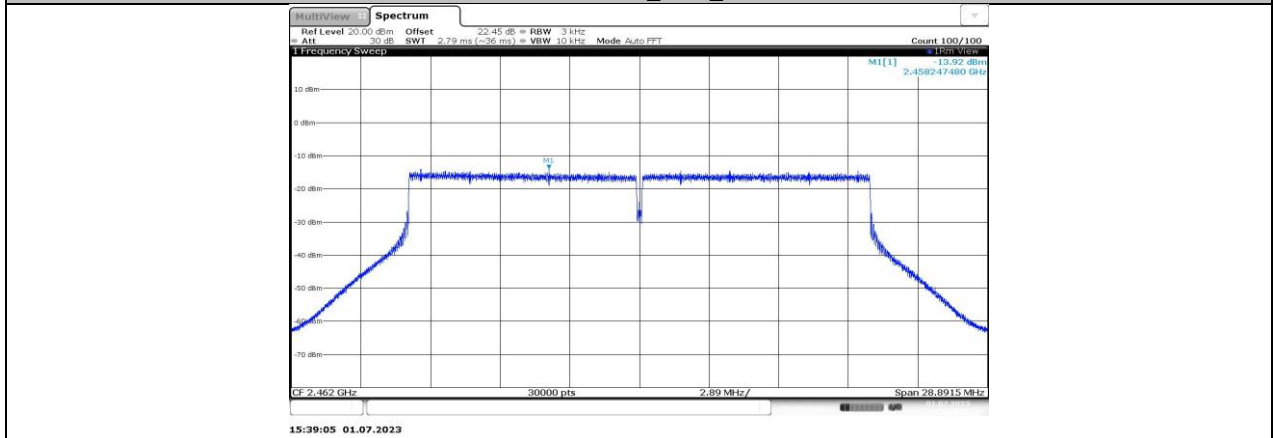
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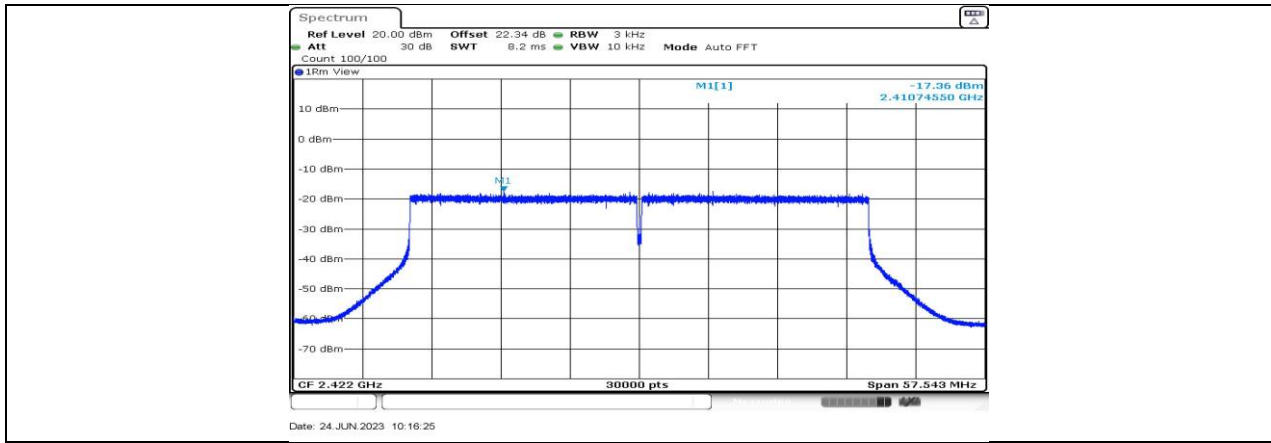
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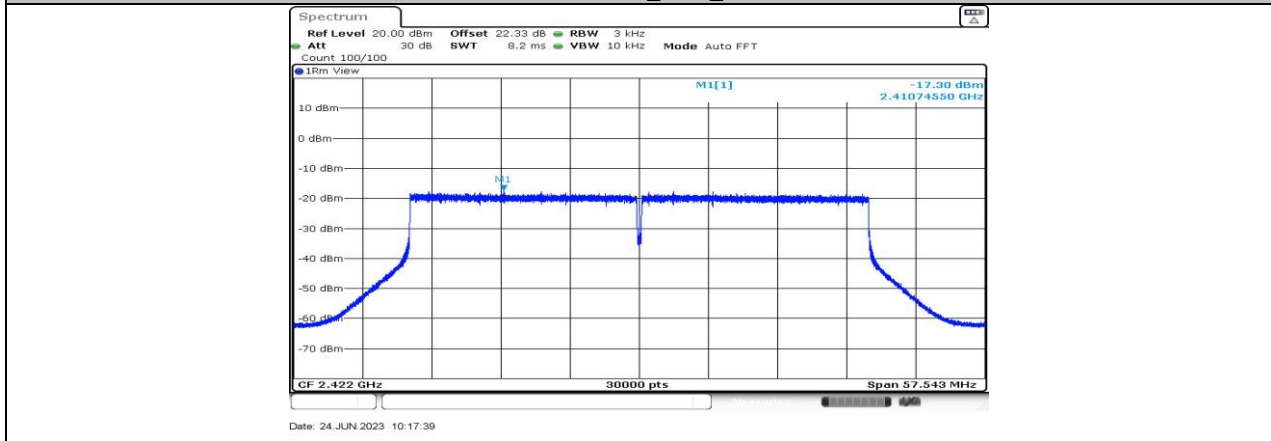
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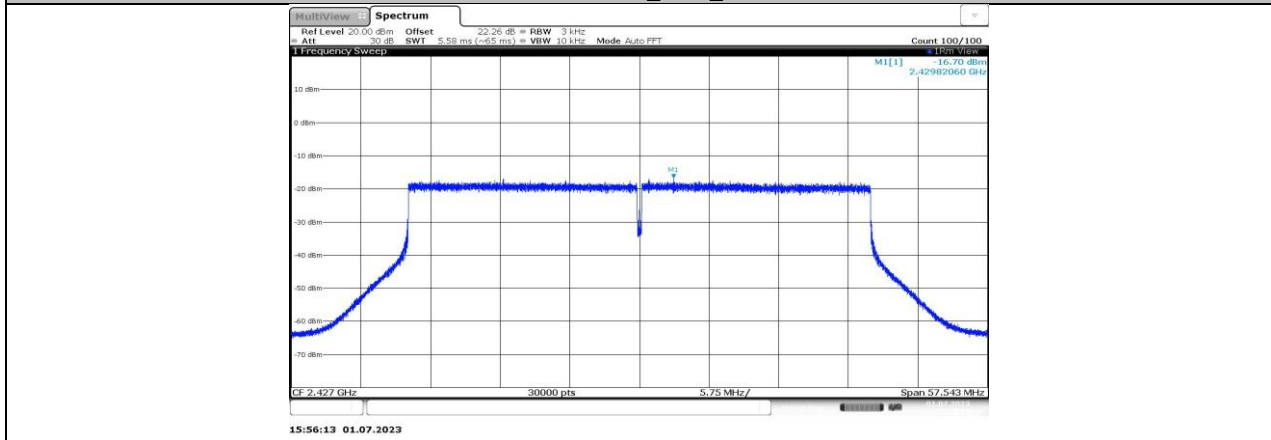
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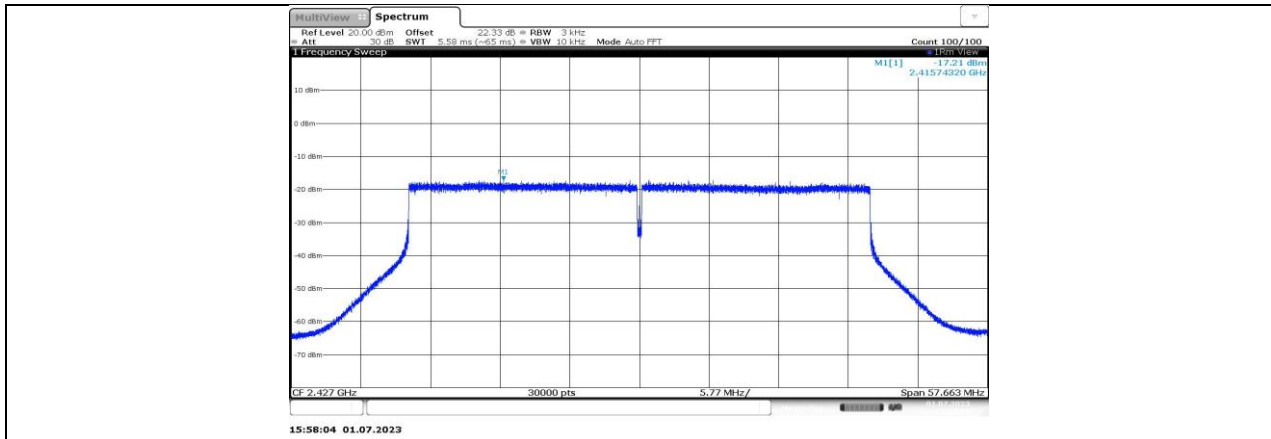
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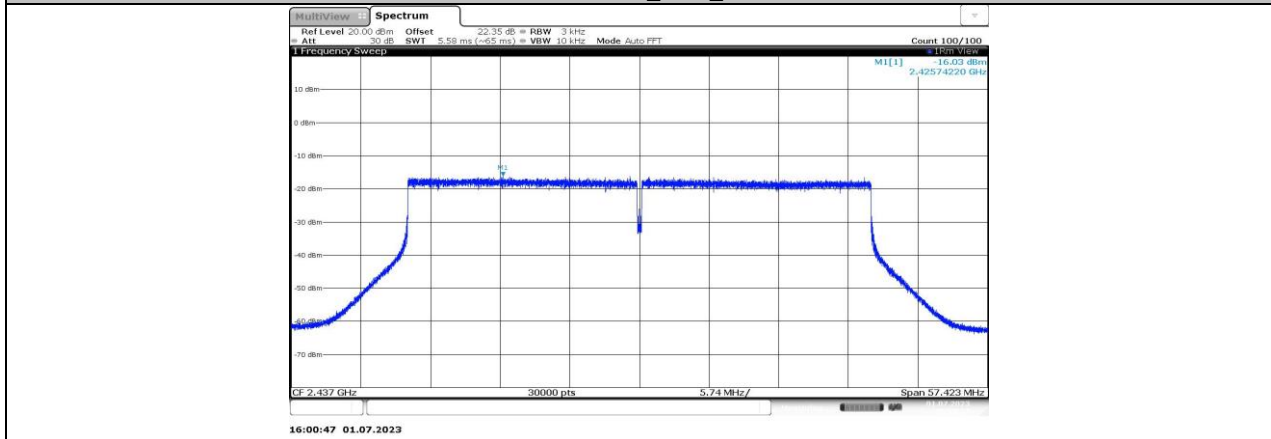
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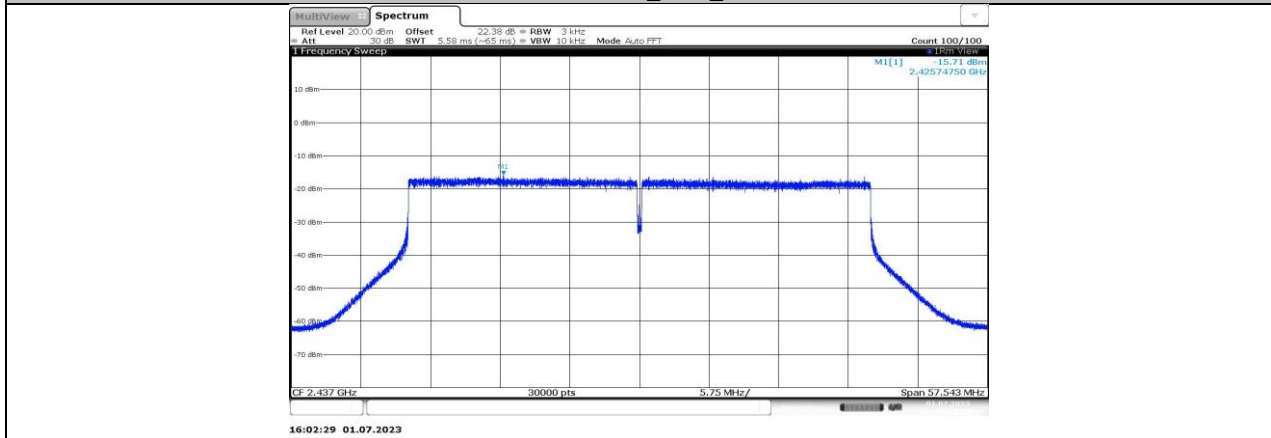
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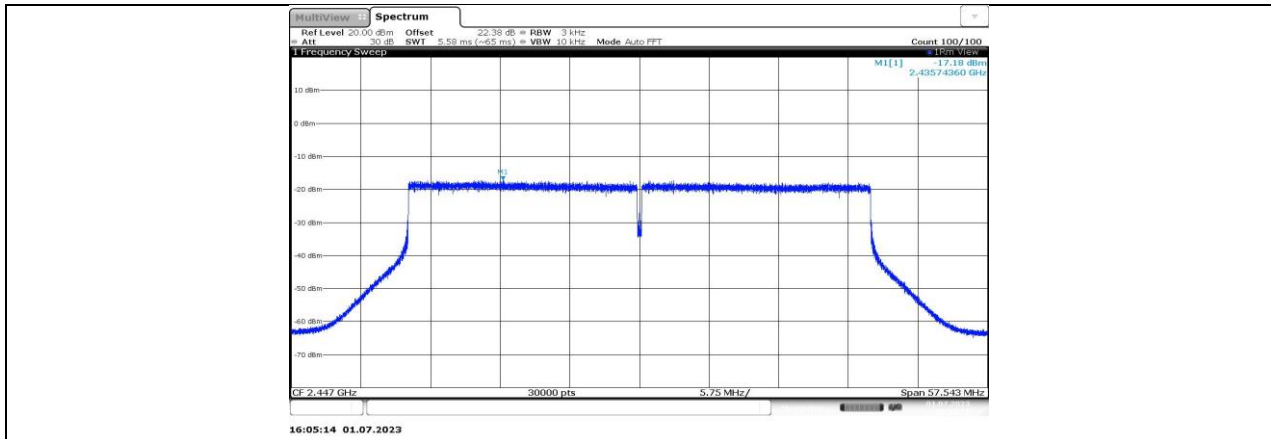
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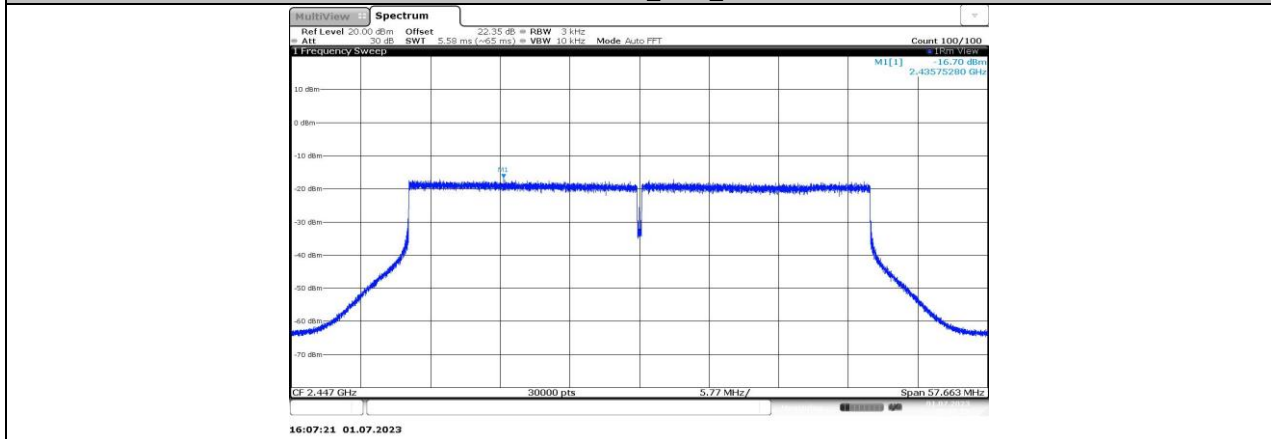
11AX40-CDD_Ant5_2437



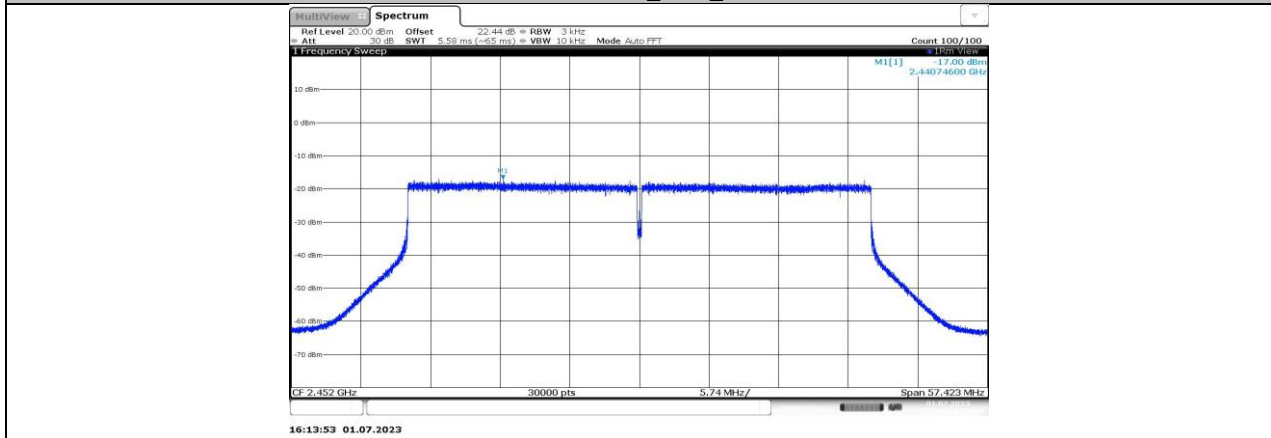
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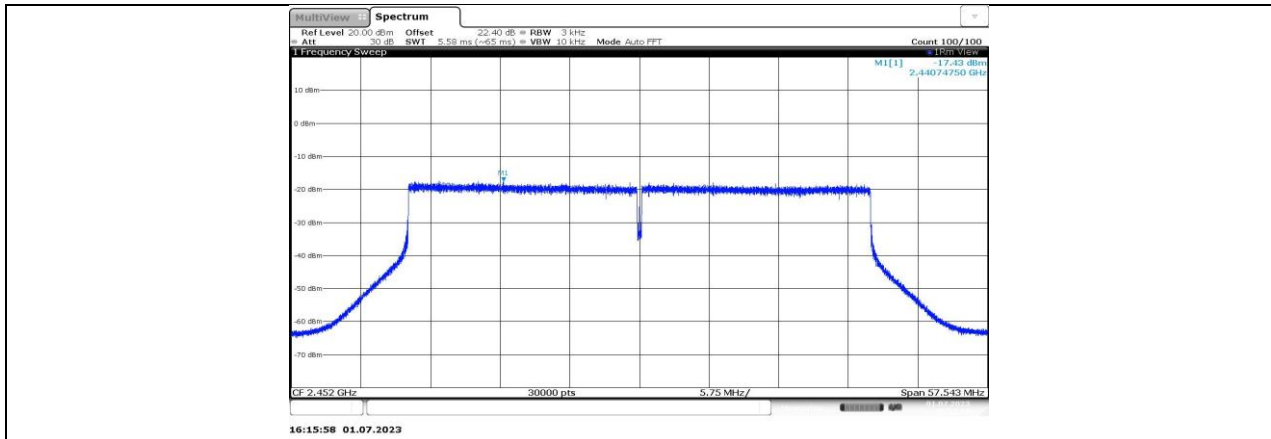
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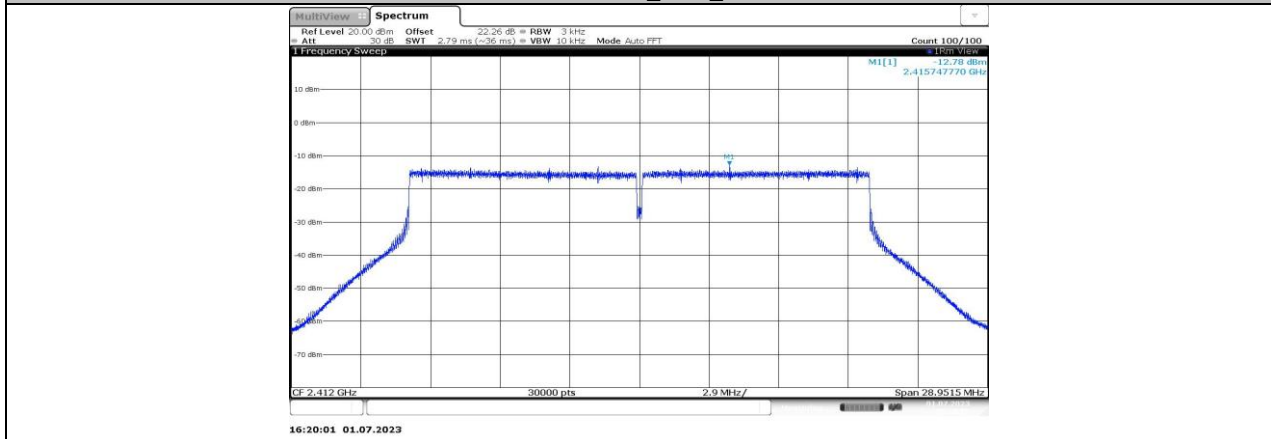
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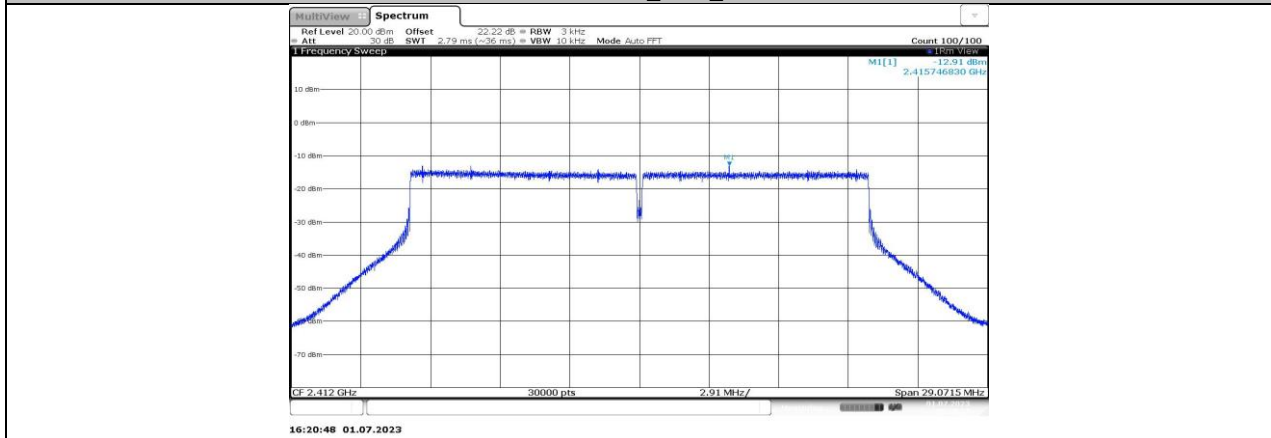
11AX40-CDD_Ant5_2452



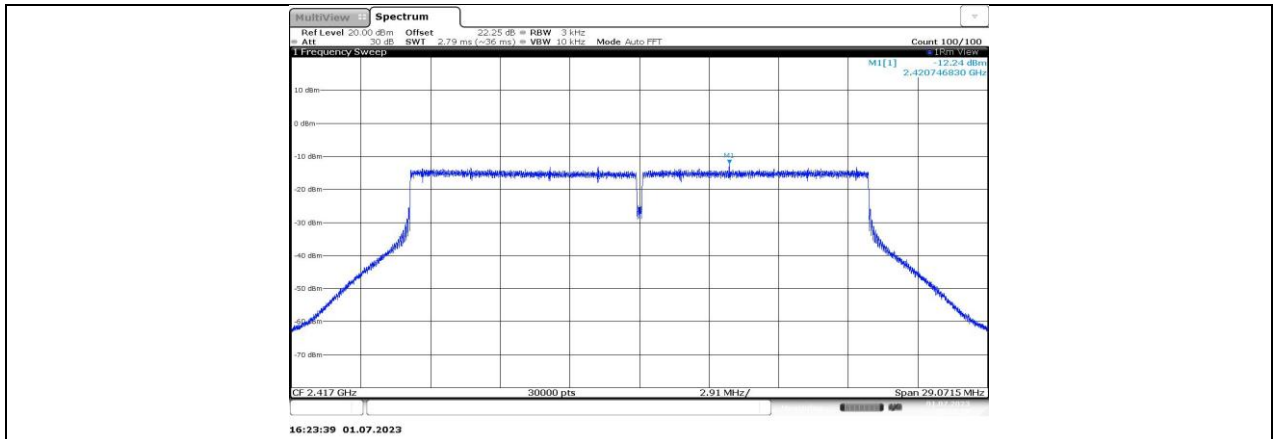
11AX40-CDD_Ant6_2452



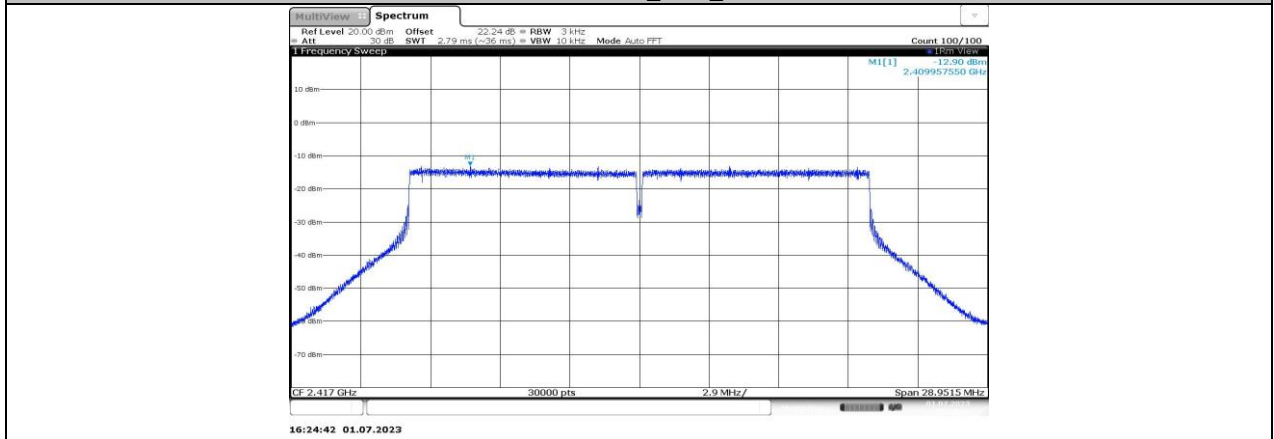
11BE20-CDD_Ant5_2412



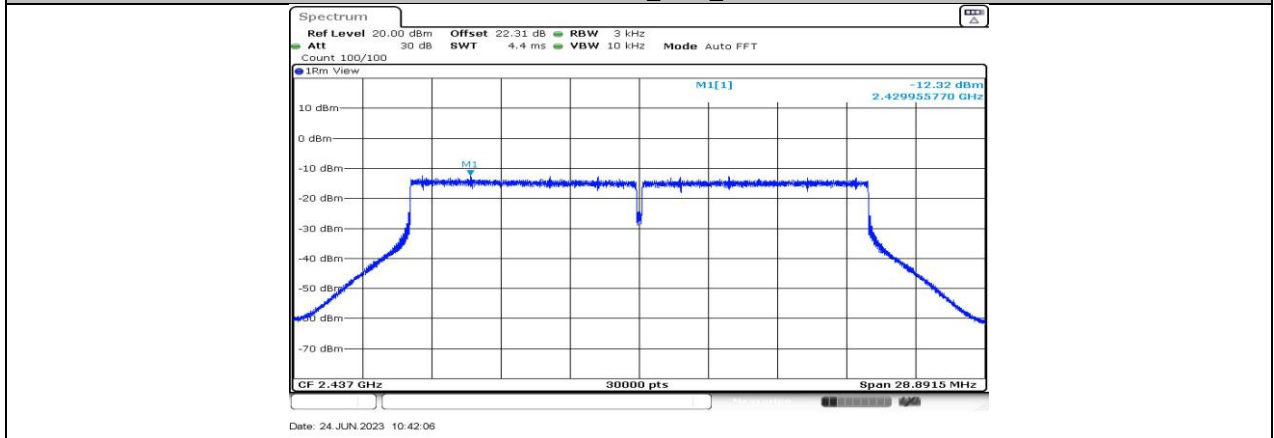
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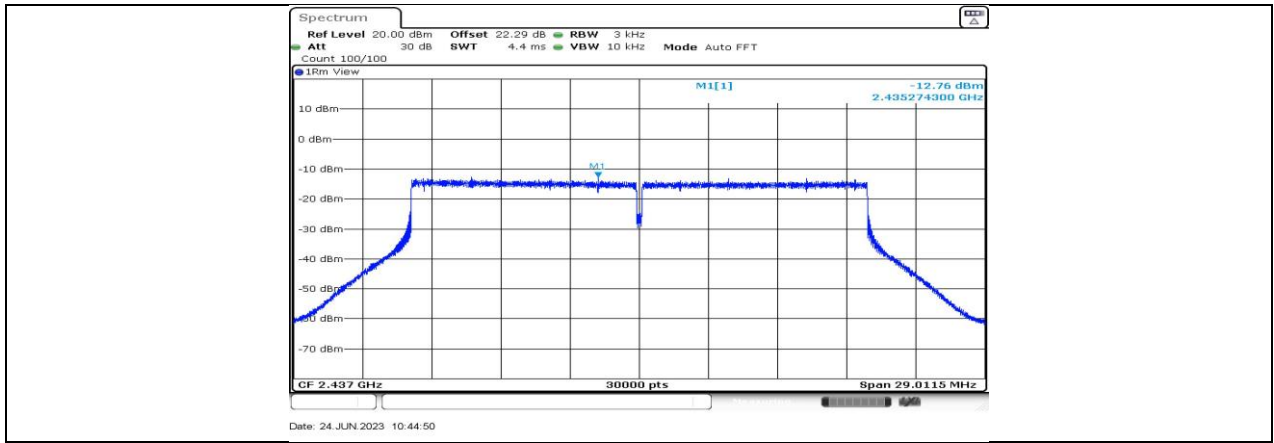
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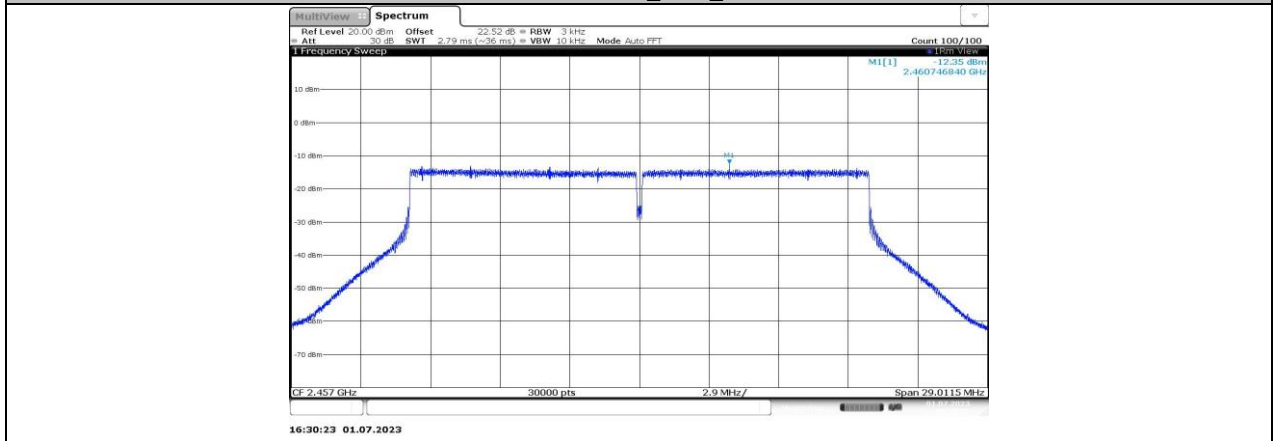
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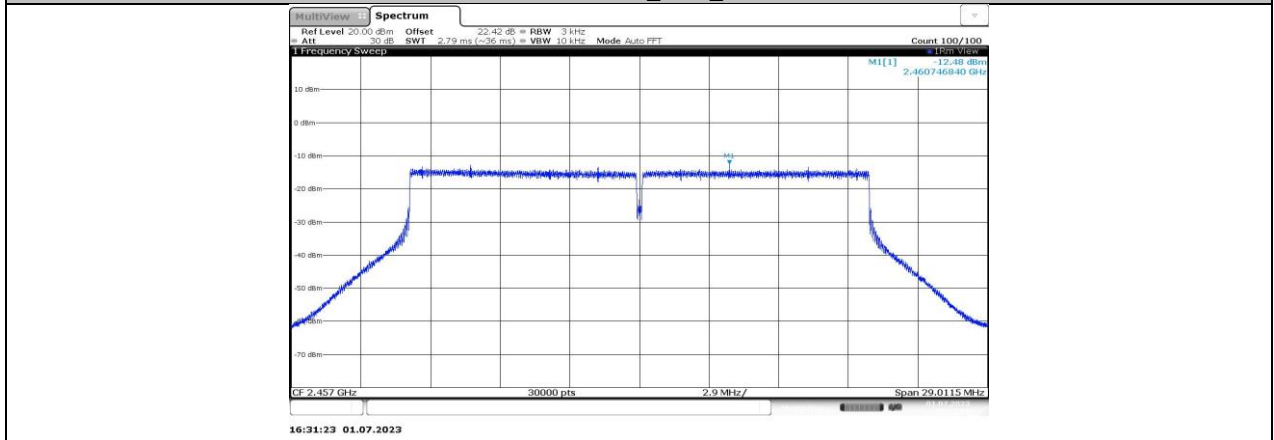
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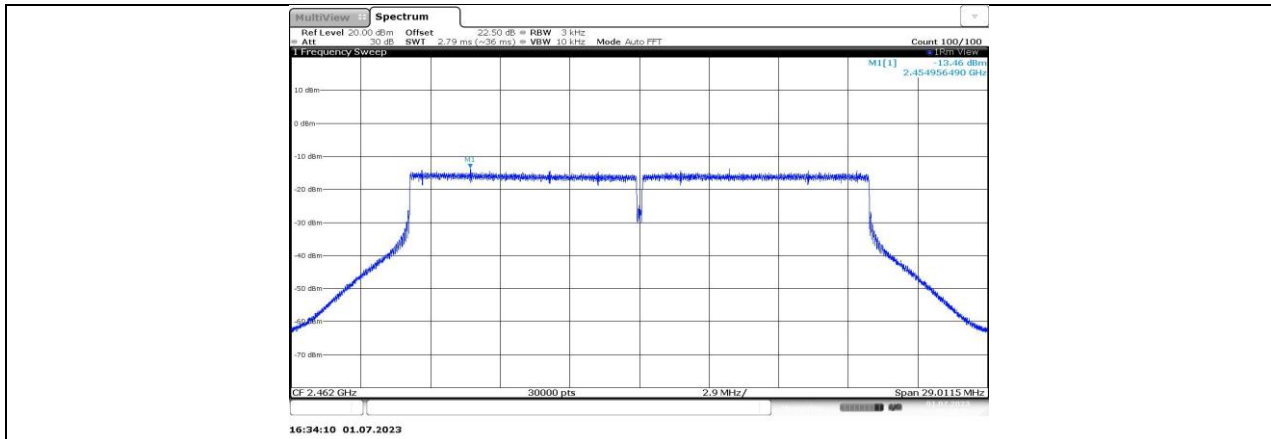
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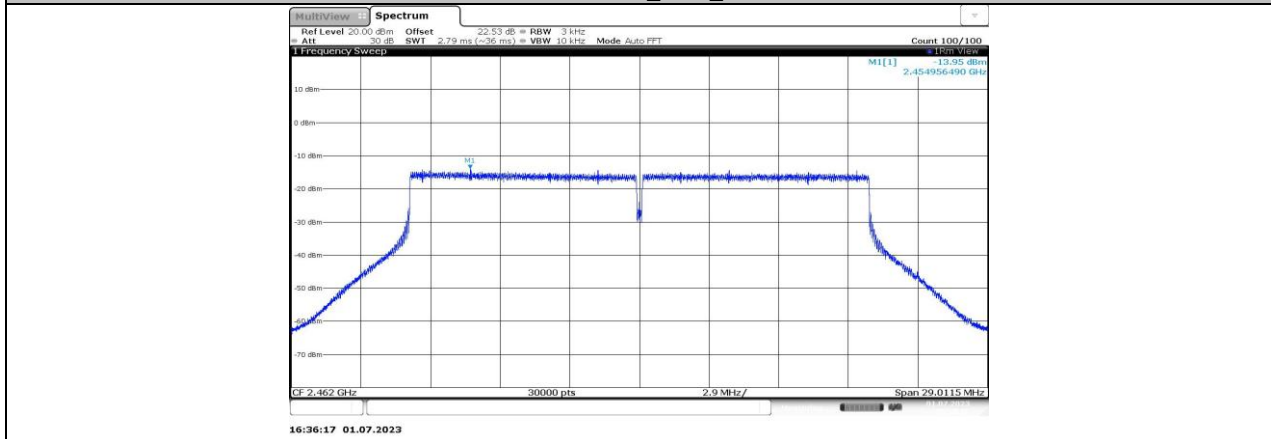
11BE20-CDD_Ant5_2457



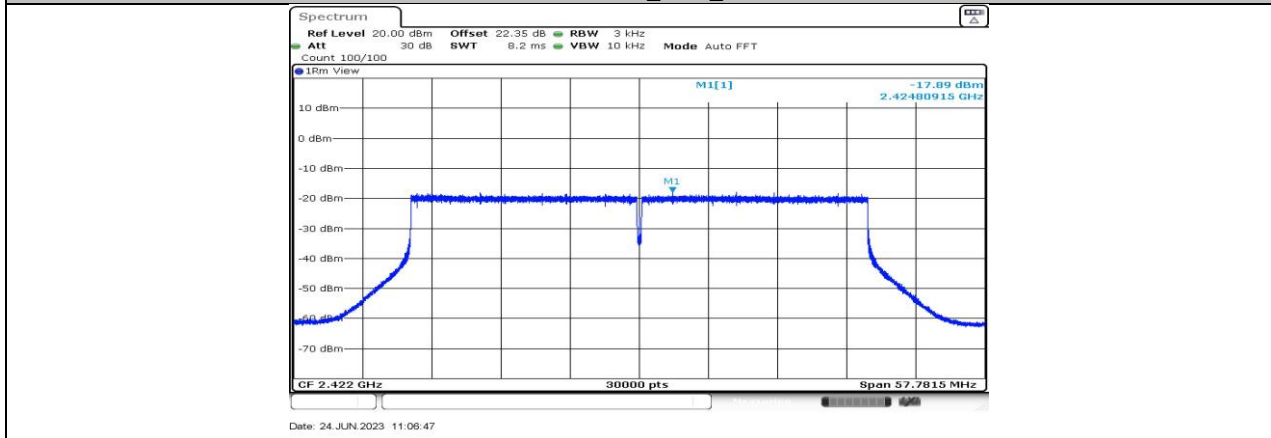
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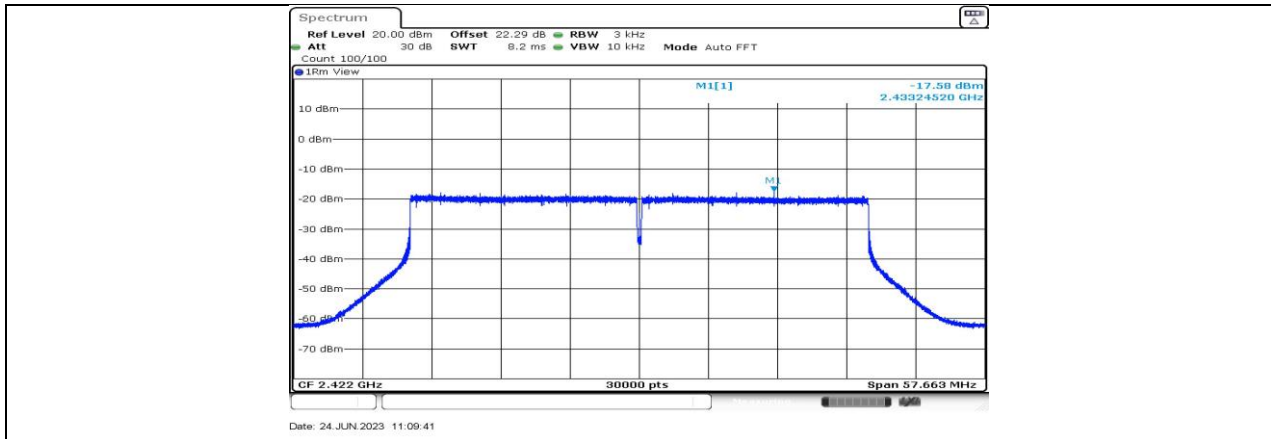
11BE20-CDD_Ant5_2462



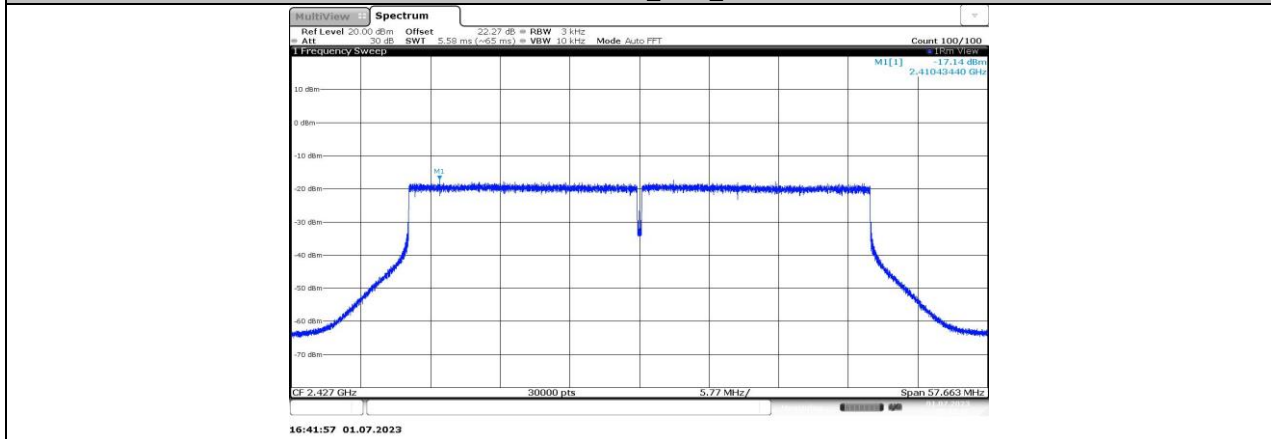
11BE20-CDD_Ant6_2462



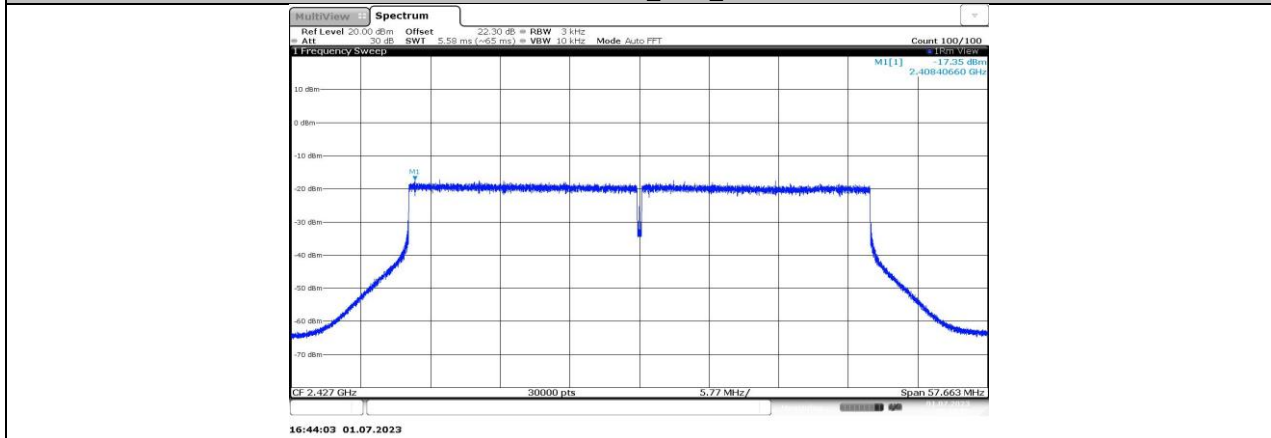
11BE40-CDD_Ant5_2422



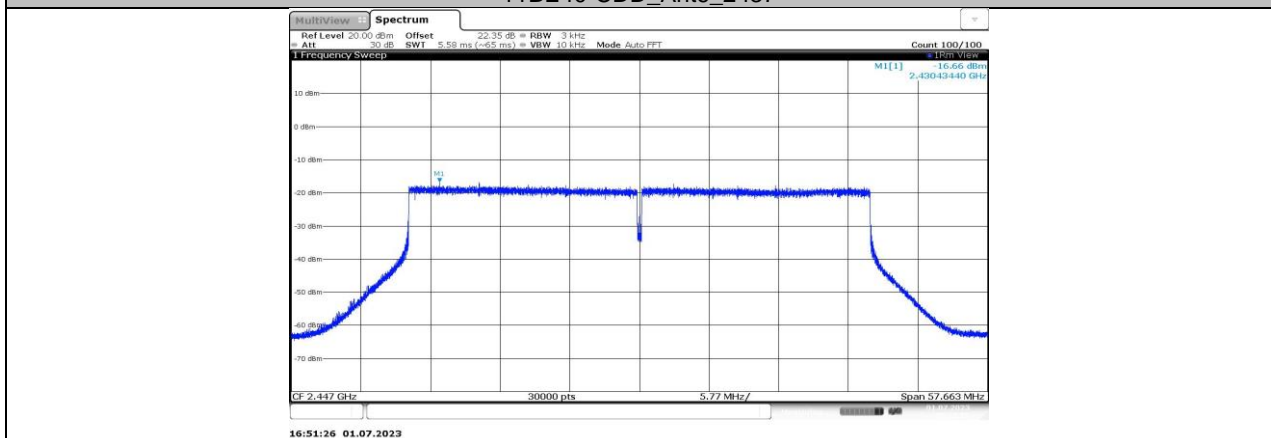
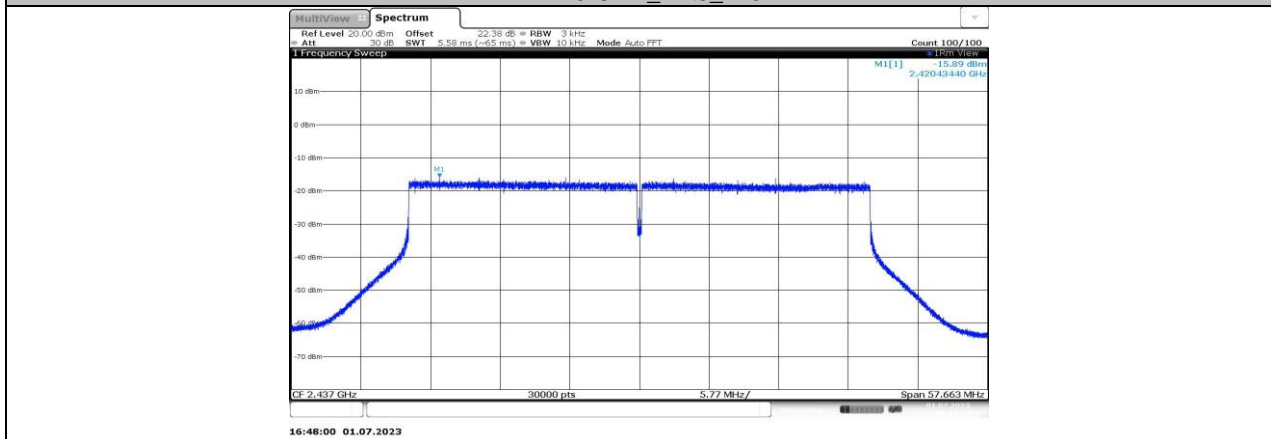
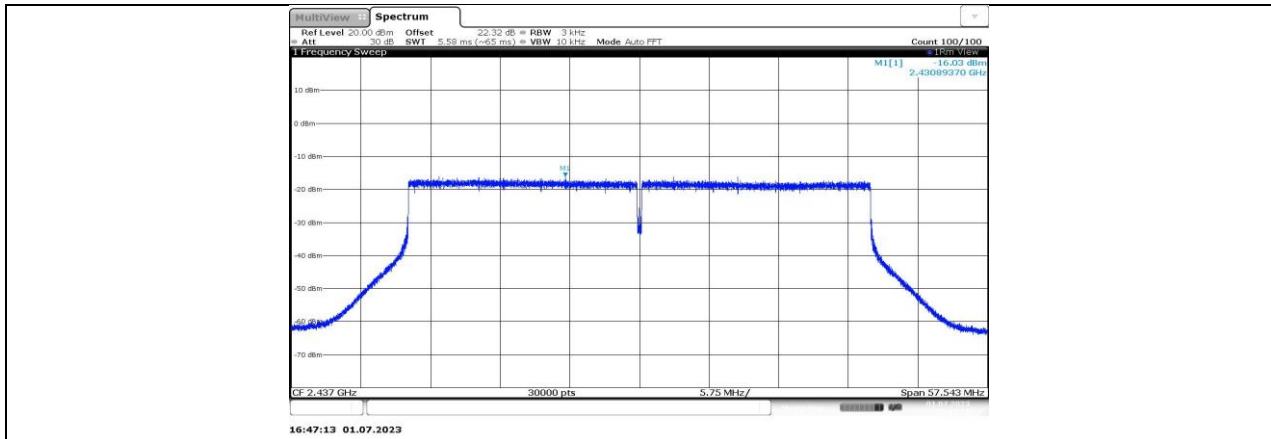
11BE40-CDD_Ant6_2422

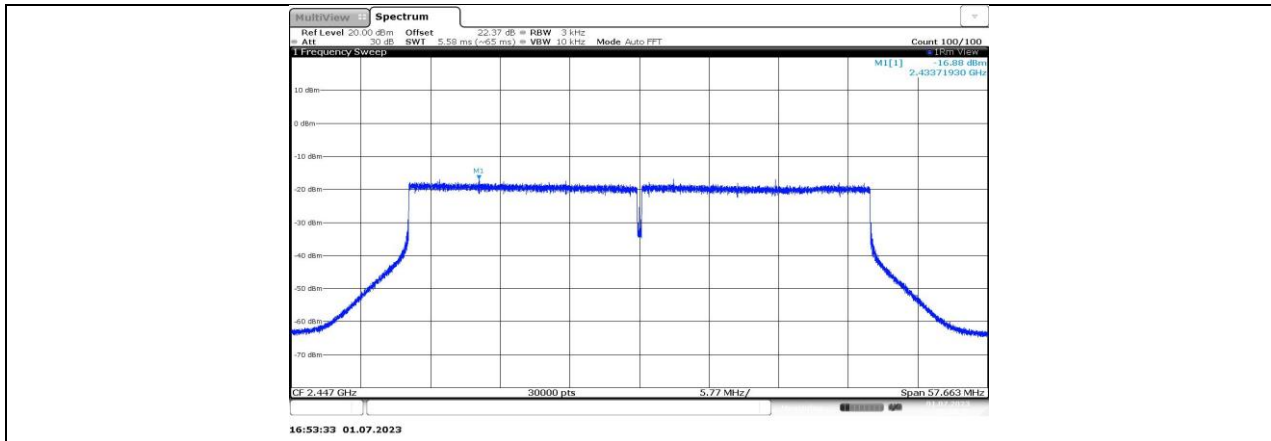


11BE40-CDD_Ant5_2427

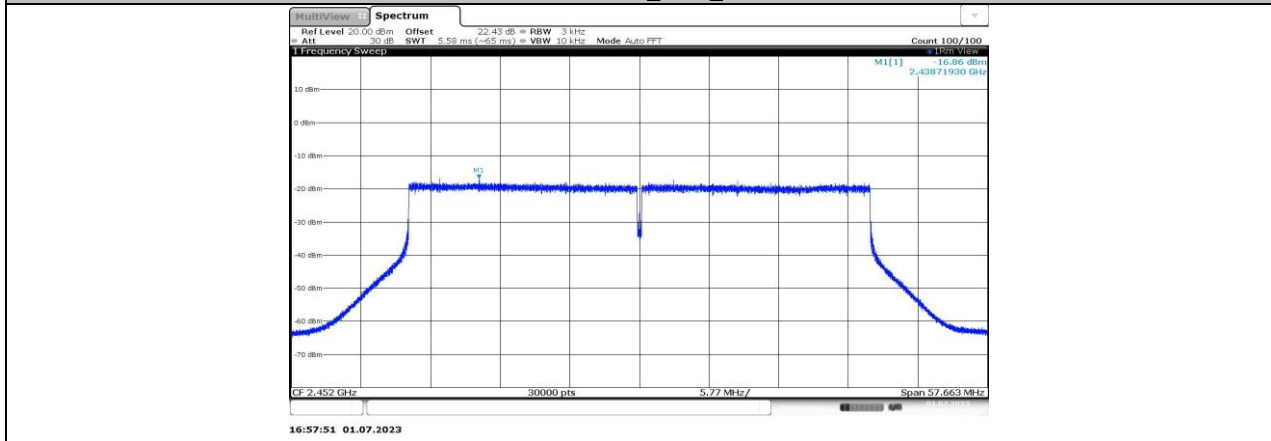


11BE40-CDD_Ant6_2427

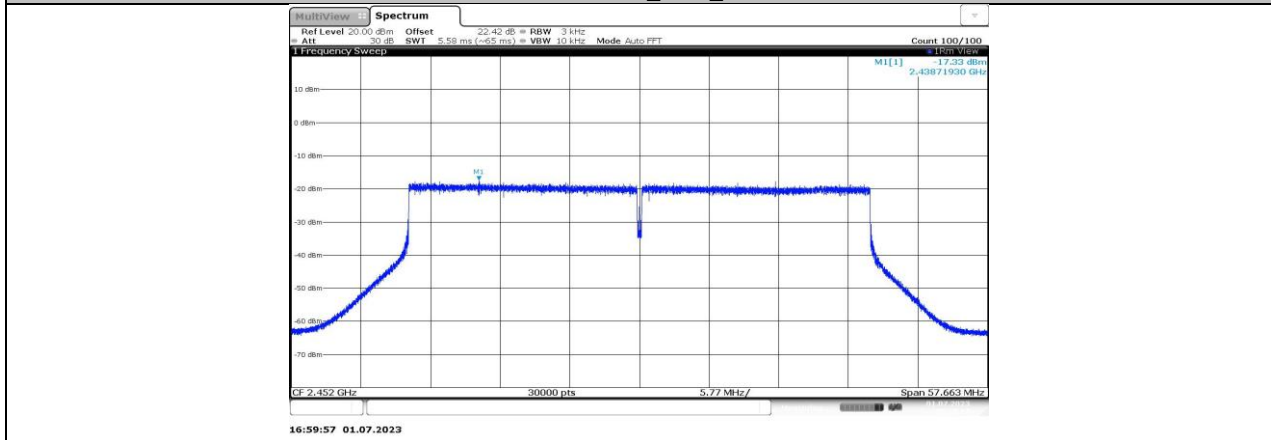




11BE40-CDD_Ant6_2447



11BE40-CDD_Ant5_2452



11BE40-CDD_Ant6_2452

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

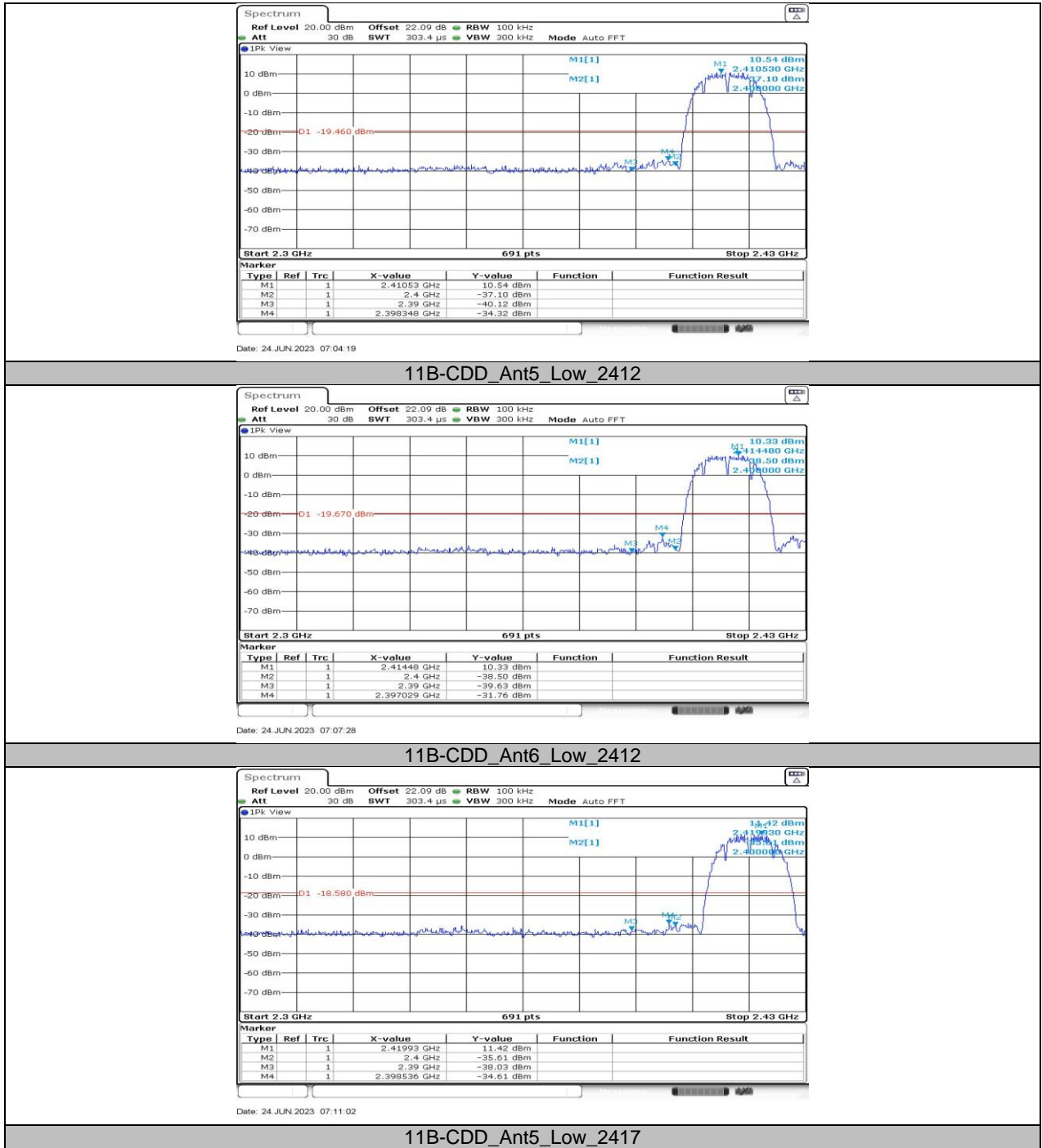
11.5. APPENDIX E: BAND EDGE MEASUREMENTS

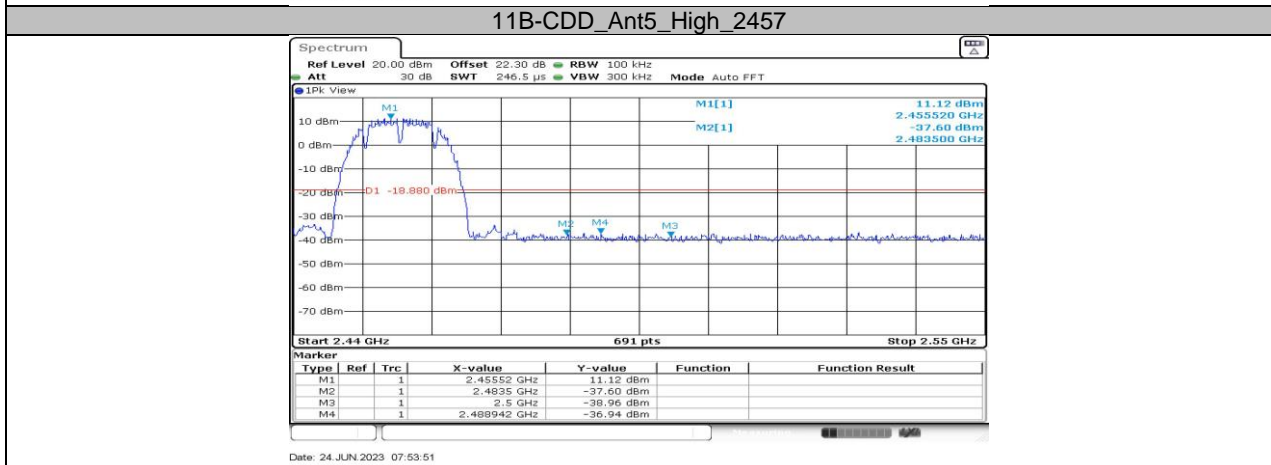
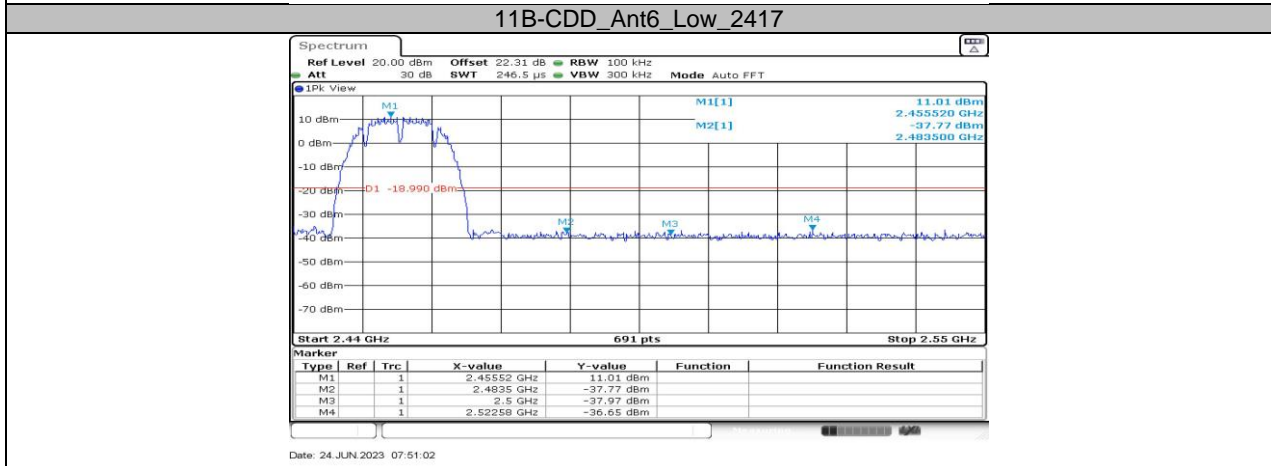
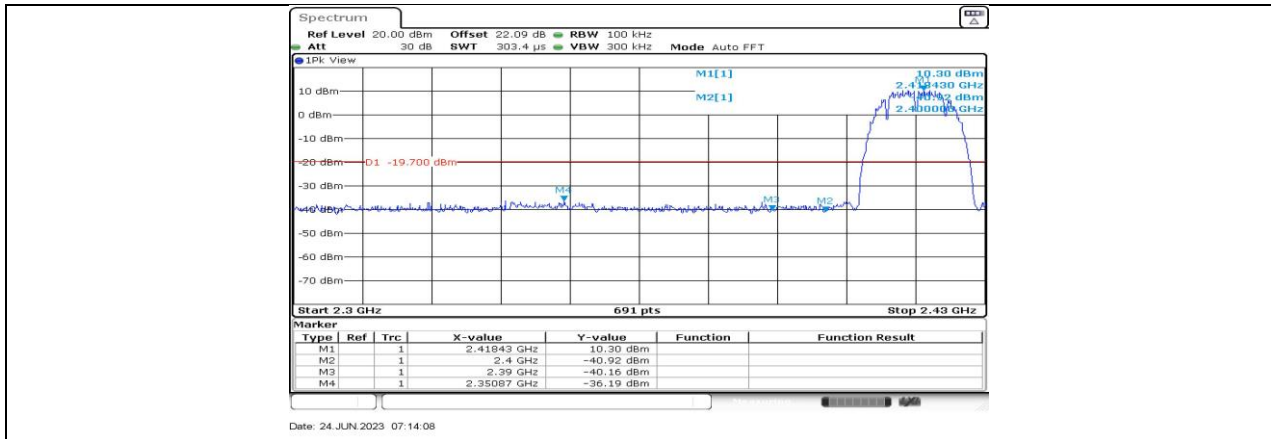
11.5.1. Test Result

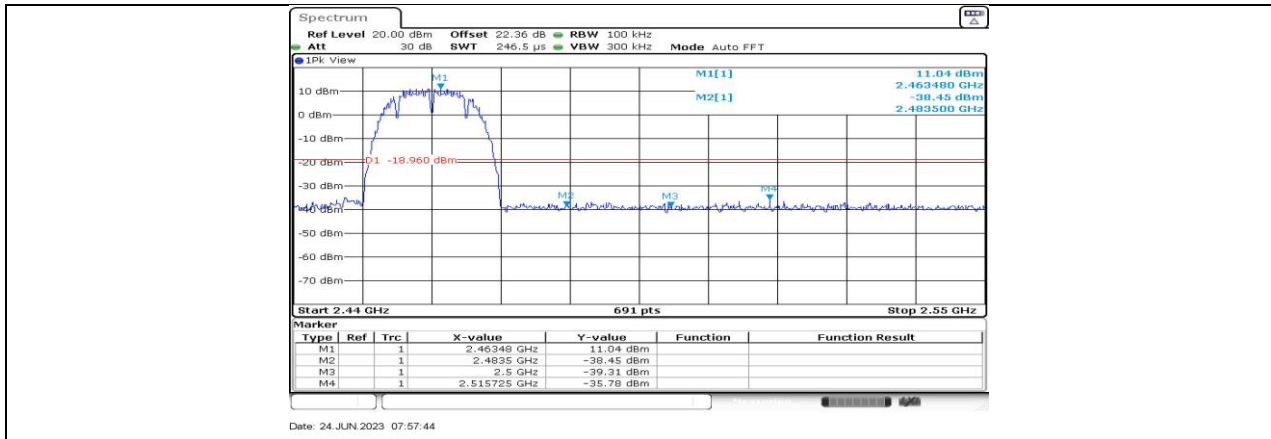
Test Mode	Antenna	ChName	Channel	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
11B-CDD	Ant5	Low	2412	10.54	-34.32	≤-19.46	PASS
	Ant6	Low	2412	10.33	-31.76	≤-19.67	PASS
	Ant5	Low	2417	11.42	-34.61	≤-18.58	PASS
	Ant6	Low	2417	10.30	-36.19	≤-19.7	PASS
	Ant5	High	2457	11.01	-36.65	≤-18.99	PASS
	Ant6	High	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.

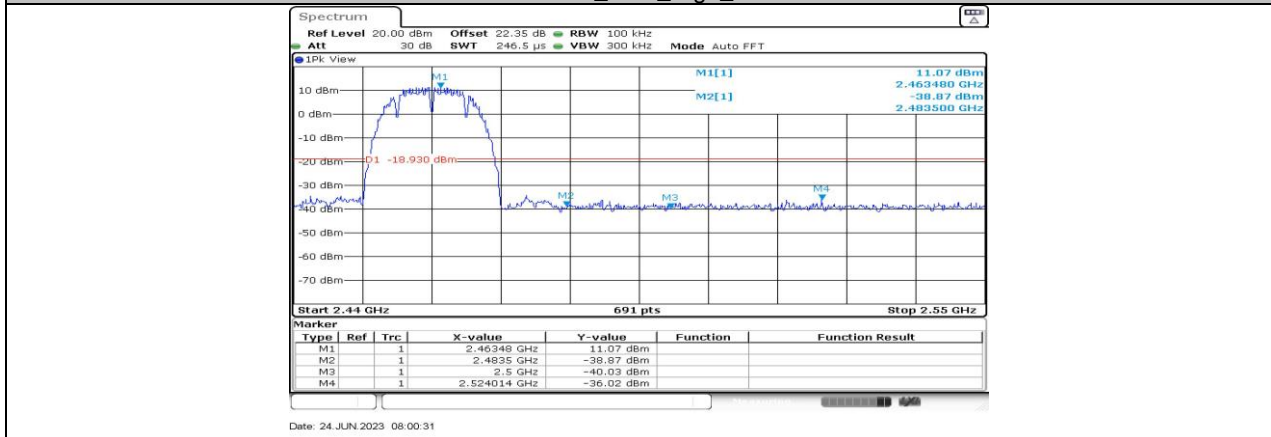
11.5.2. Test Graphs



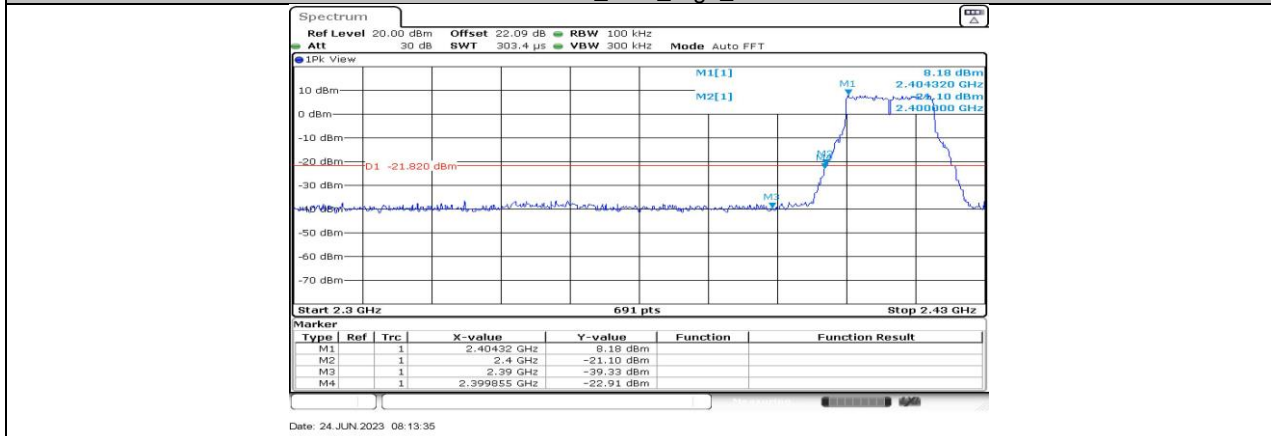




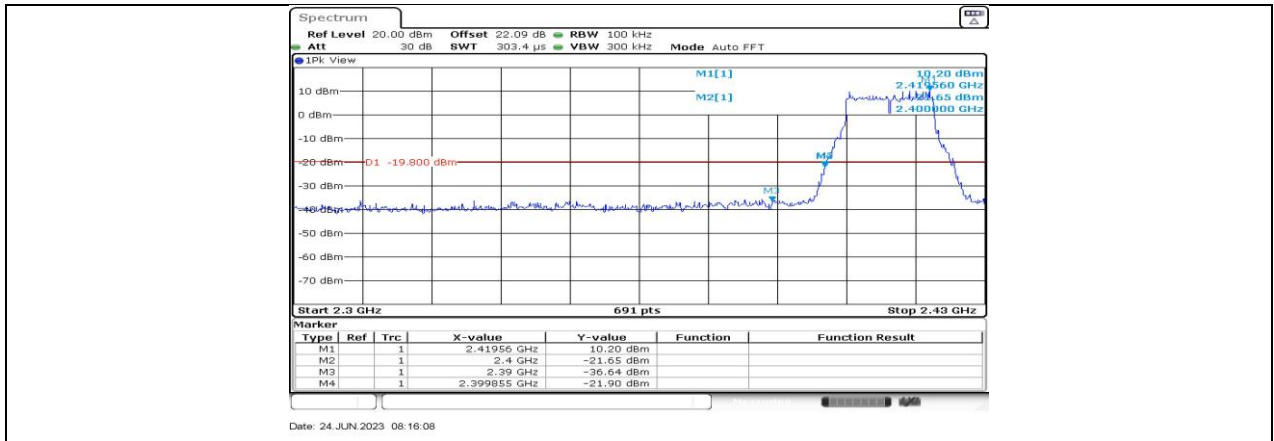
11B-CDD_Ant5_High_2462



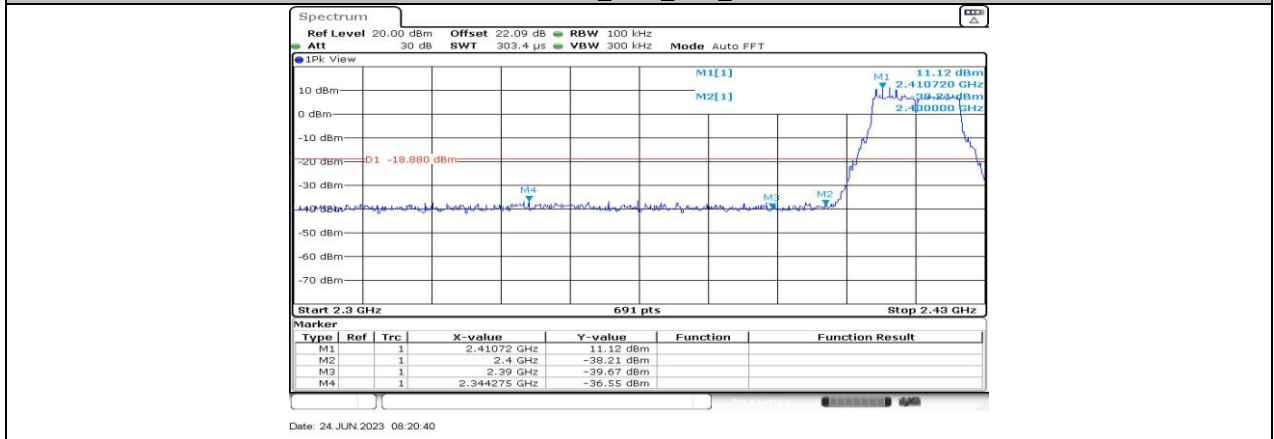
11B-CDD_Ant6_High_2462



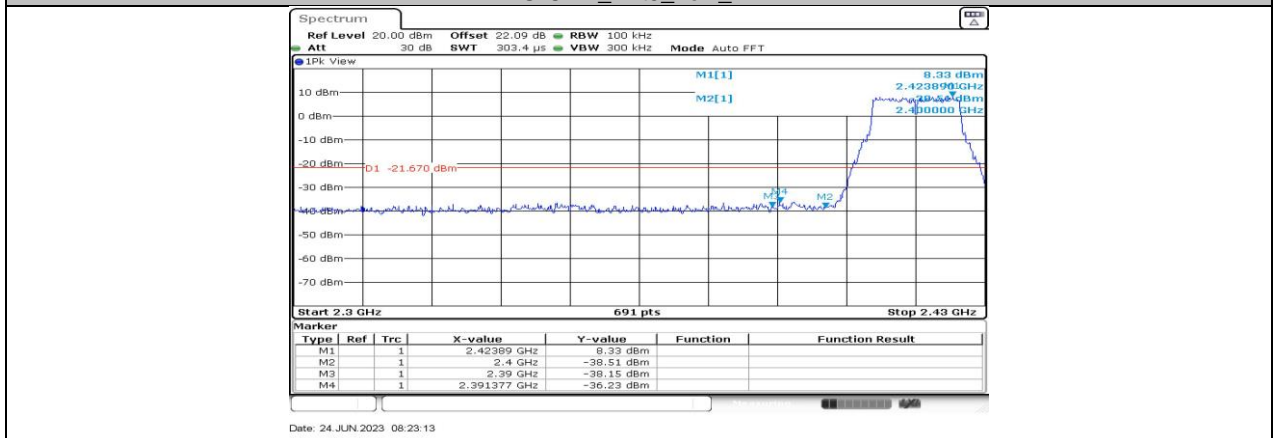
11G-CDD_Ant5_Low_2412



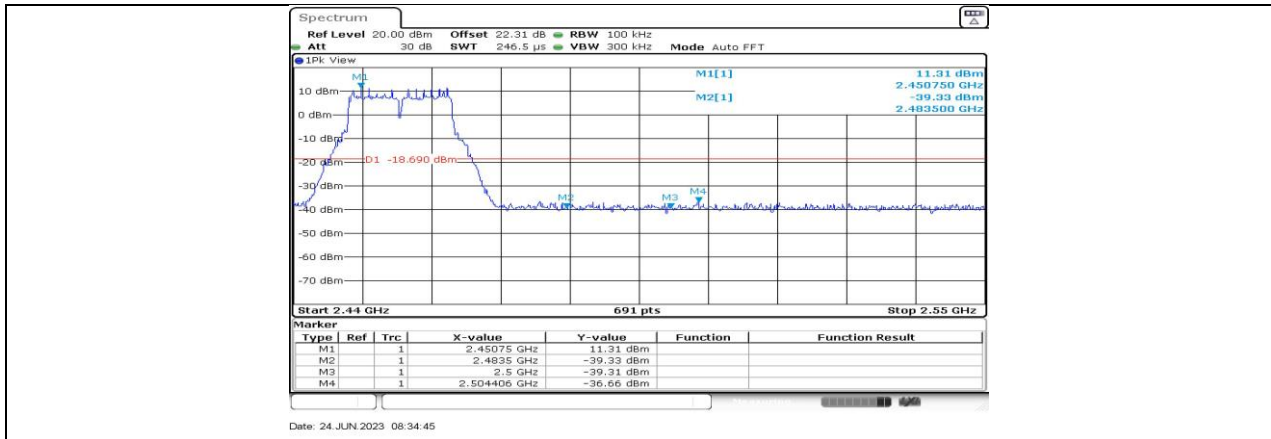
11G-CDD_Ant6_Low_2412



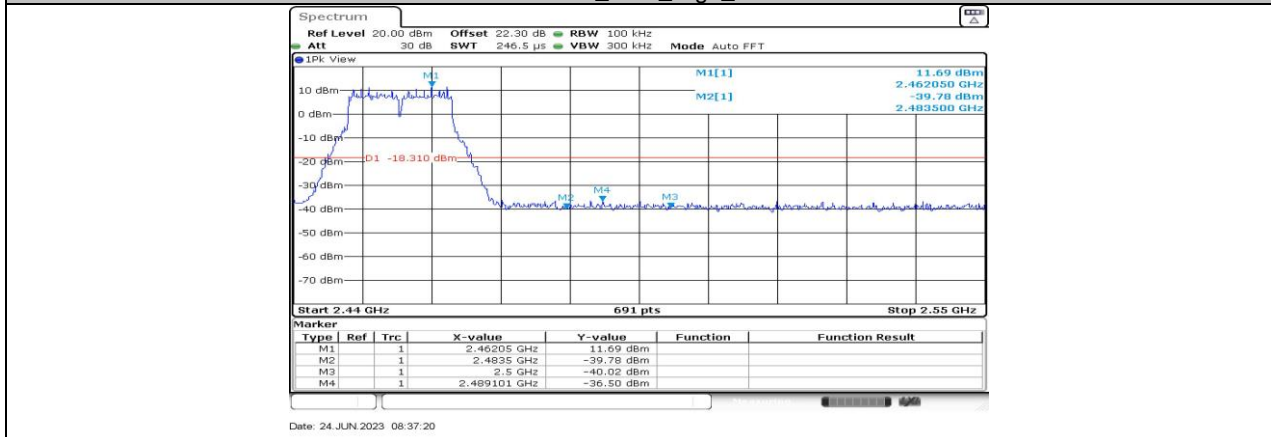
11G-CDD_Ant5_Low_2417



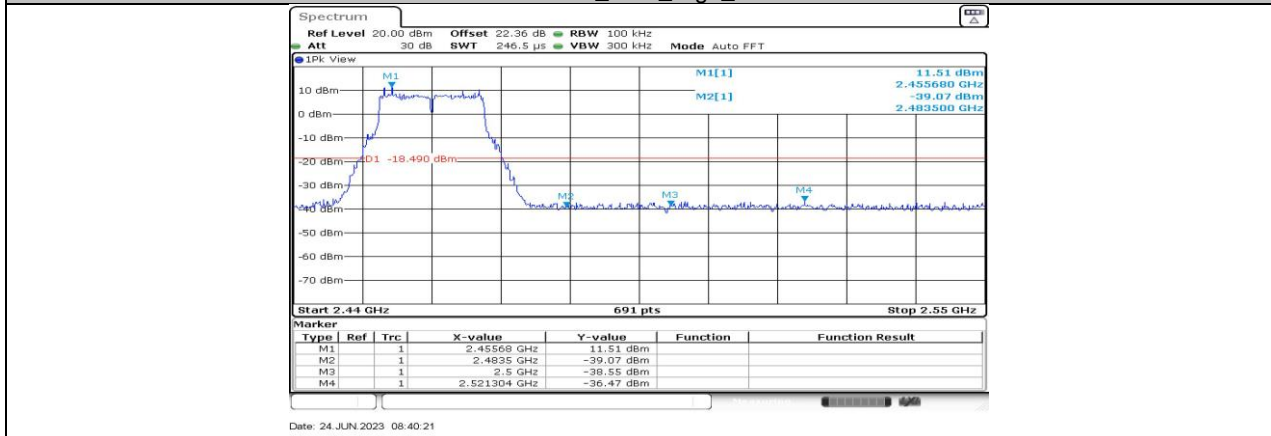
11G-CDD_Ant6_Low_2417



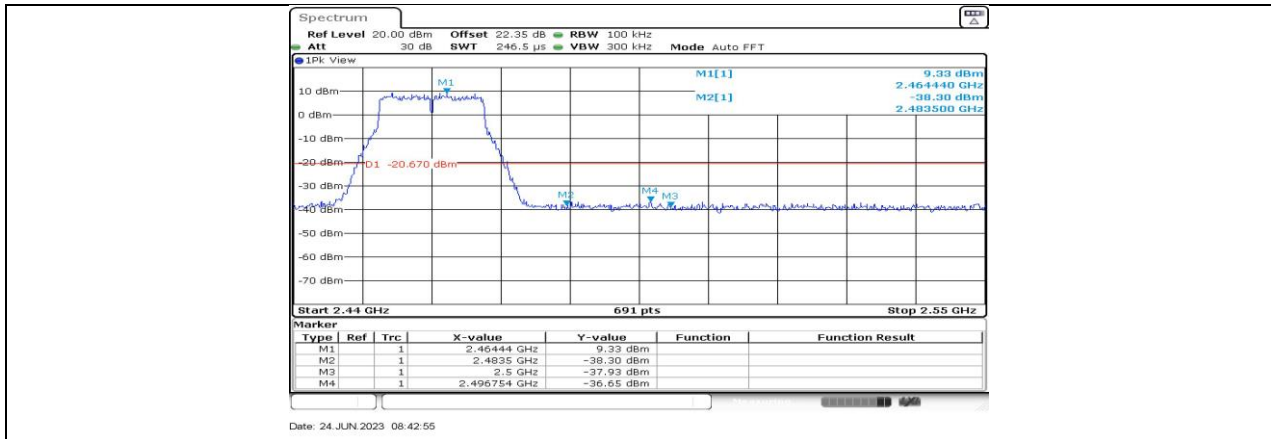
11G-CDD_Ant5_High_2457



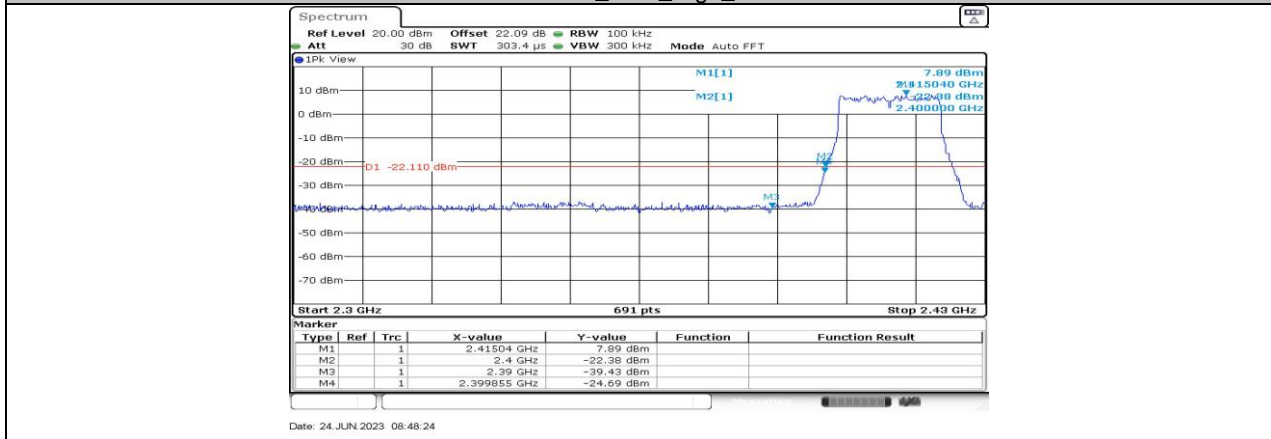
11G-CDD_Ant6_High_2457



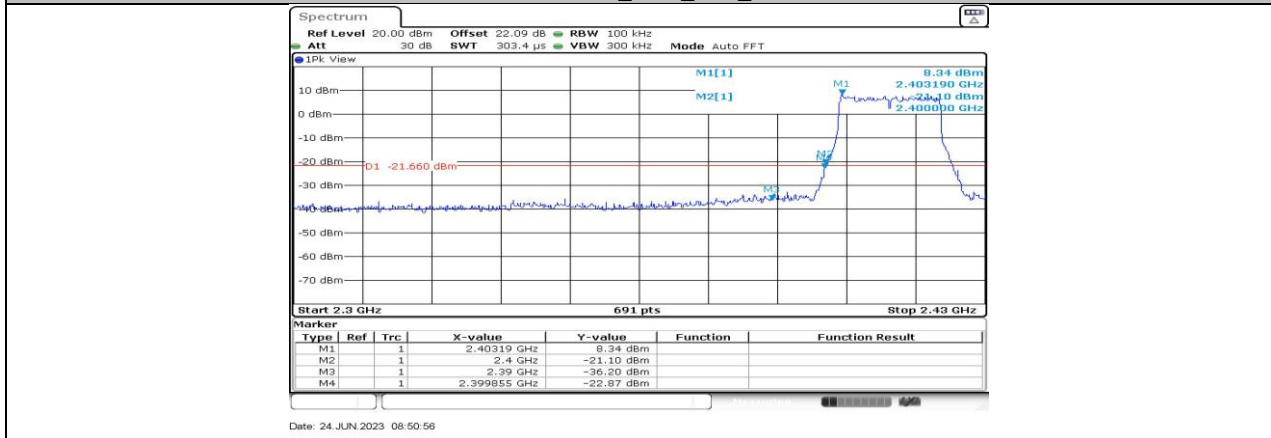
11G-CDD_Ant5_High_2462



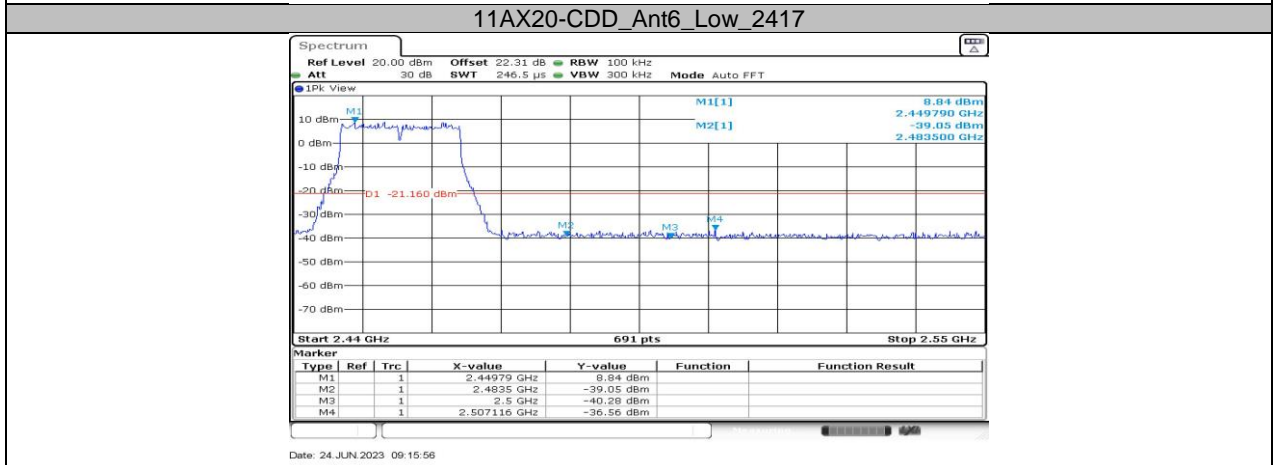
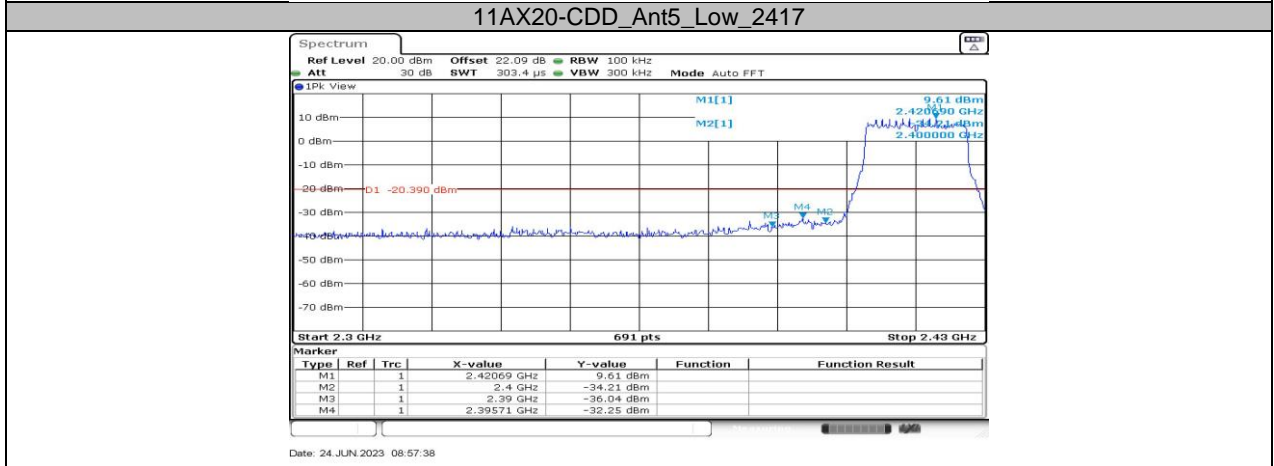
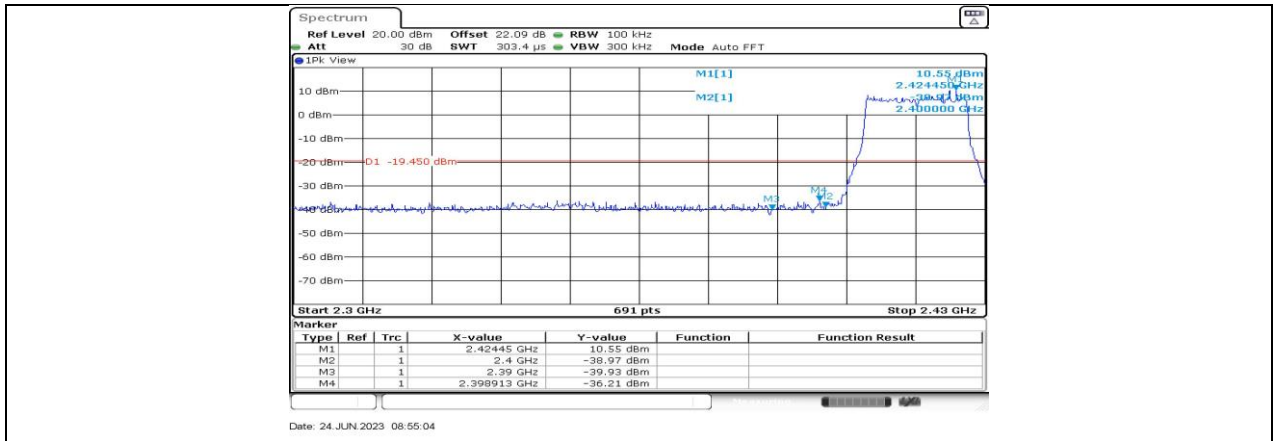
11G-CDD_Ant6_High_2462

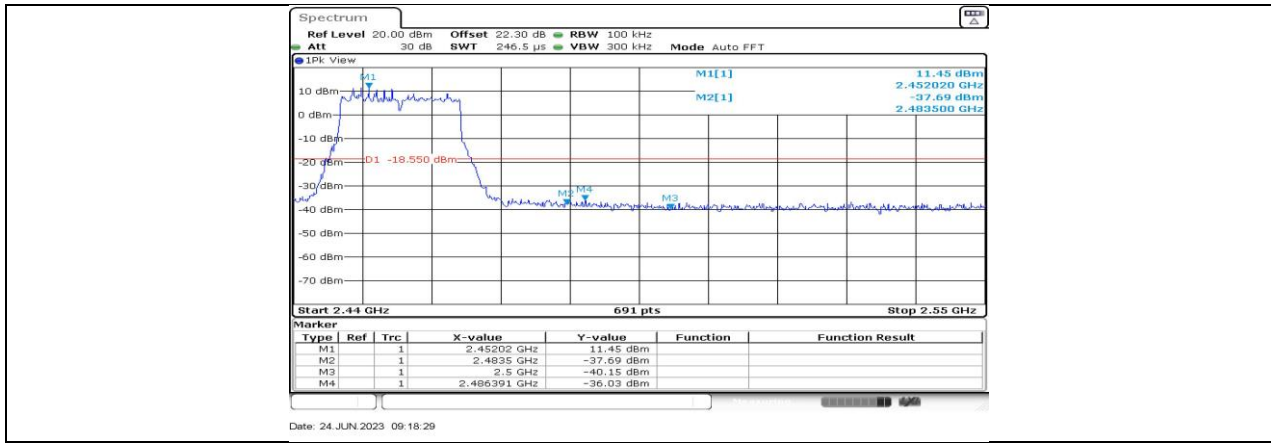


11AX20-CDD_Ant5_Low_2412

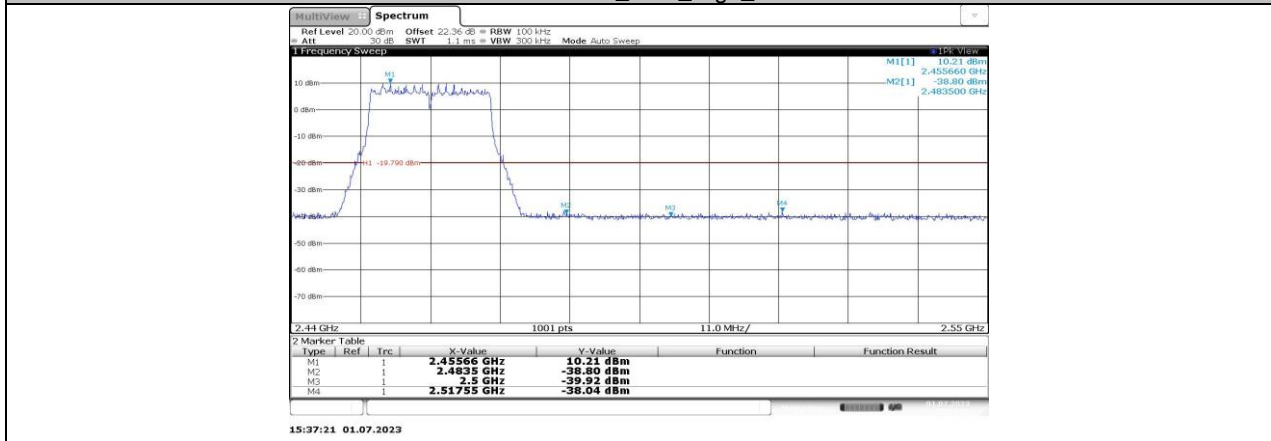


11AX20-CDD_Ant6_Low_2412

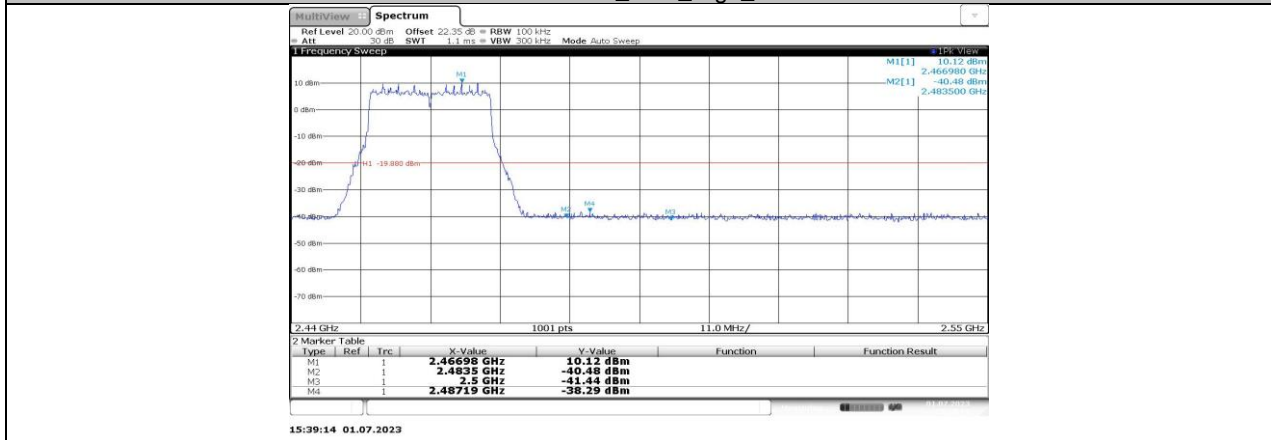




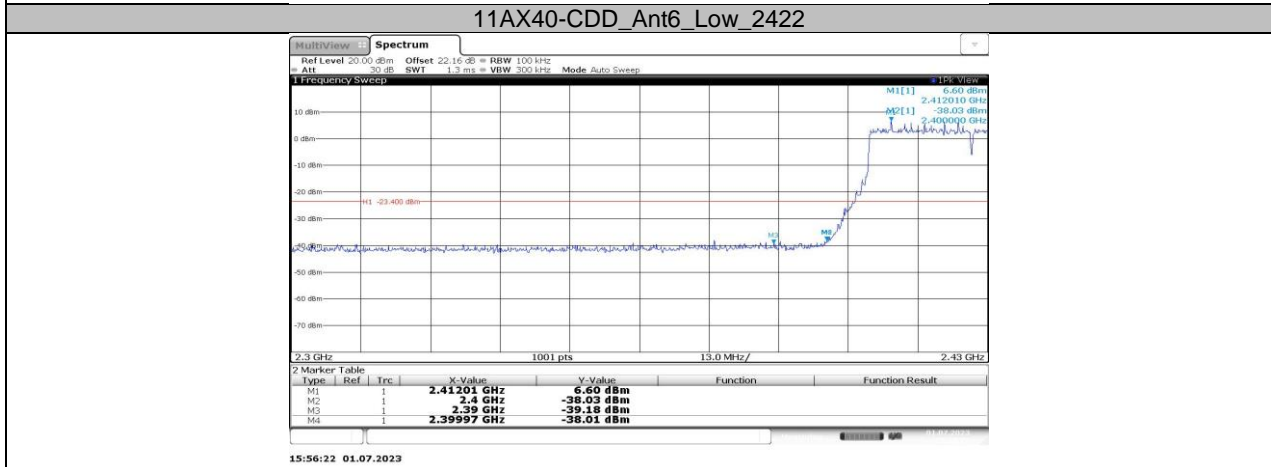
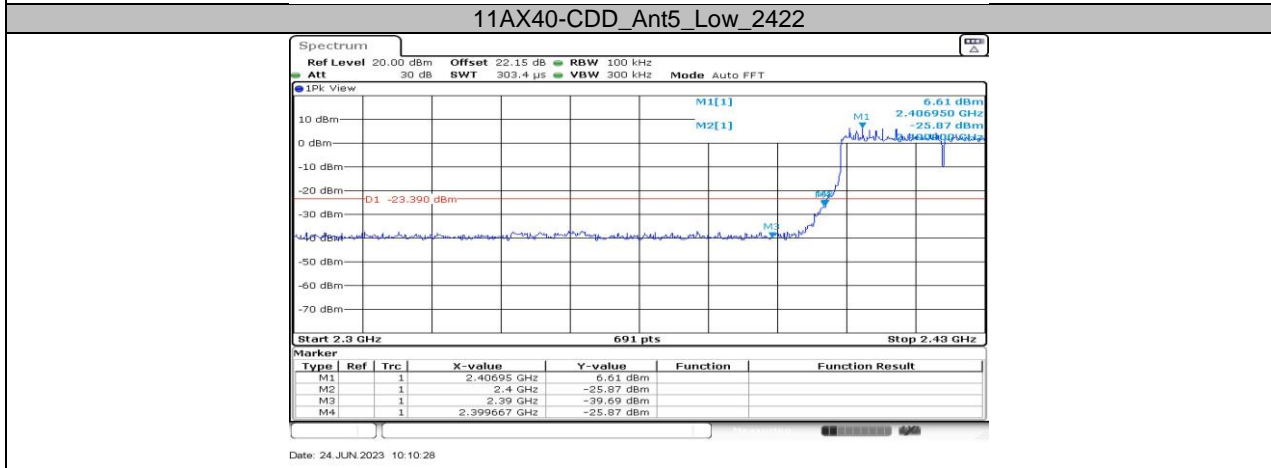
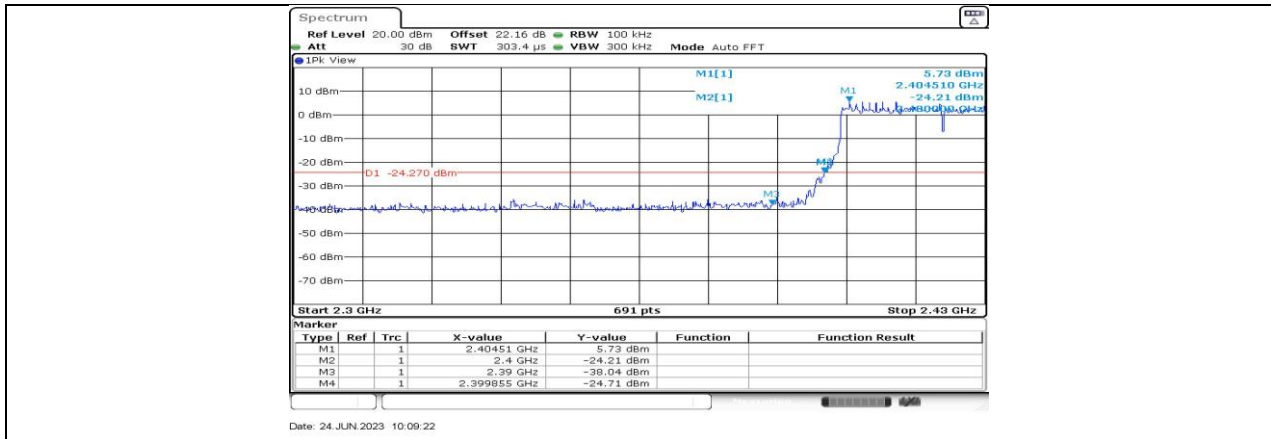
11AX20-CDD_Ant6_High_2457

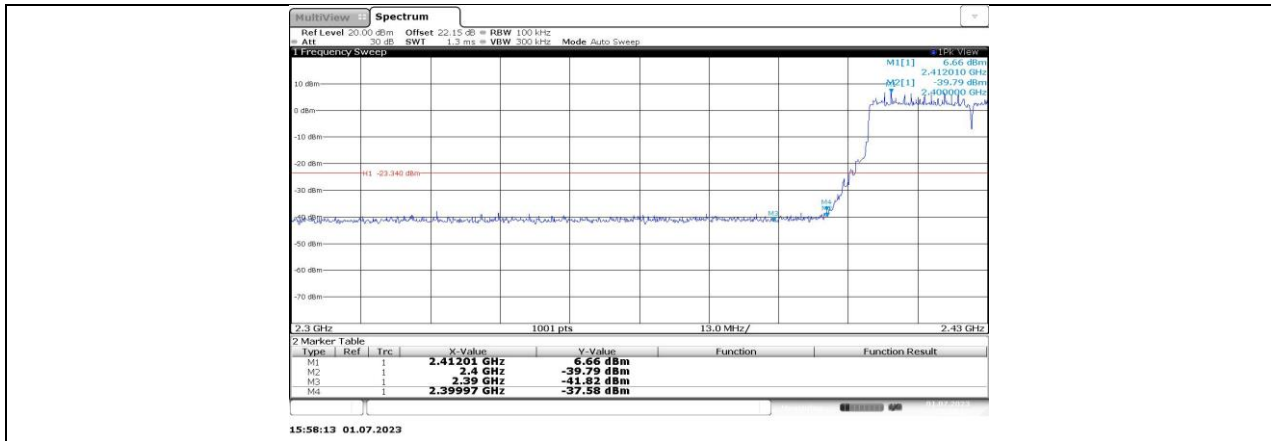


11AX20-CDD_Ant5_High_2462

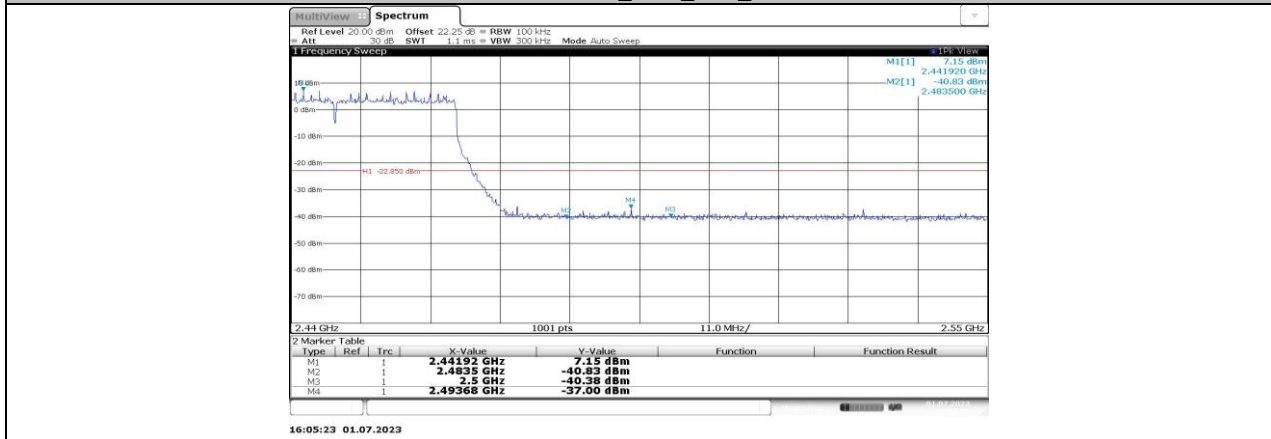


11AX20-CDD_Ant6_High_2462

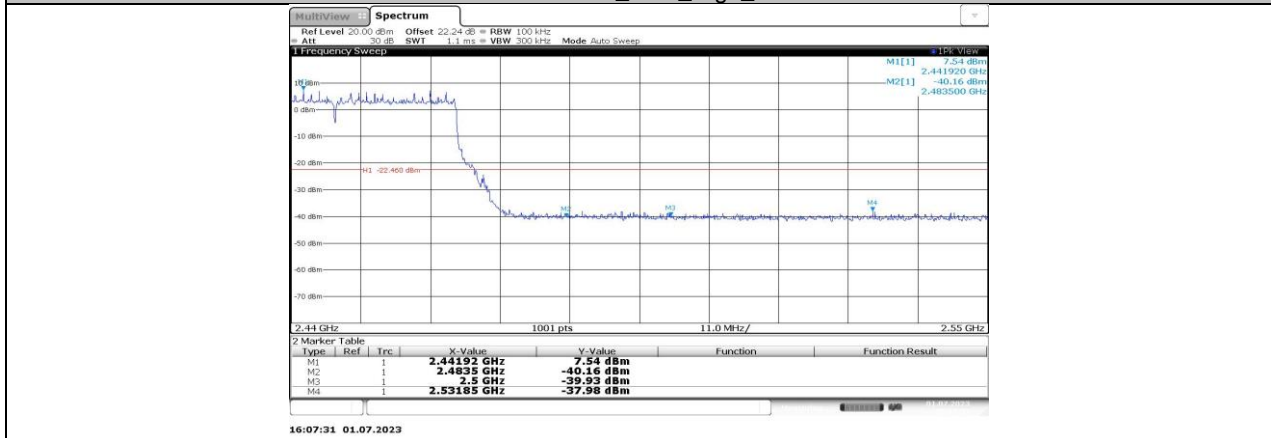




11AX40-CDD_Ant6_Low_2427



11AX40-CDD_Ant5_High_2447



11AX40-CDD_Ant6_High_2447

