UL Solutions

11BE20MIMO_Ant7_2417

11BE20MIMO_Ant1_2437

11BE20MIMO_Ant3_2437

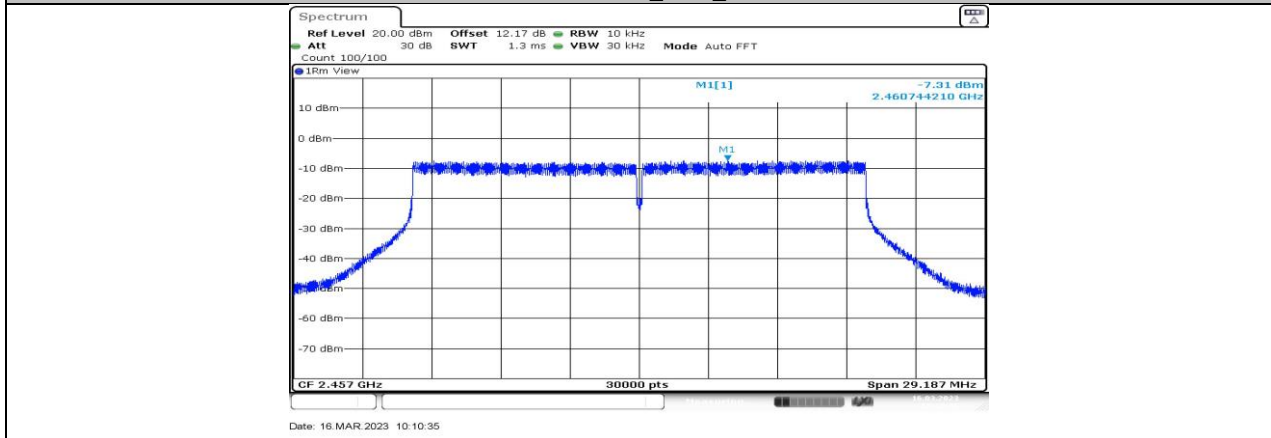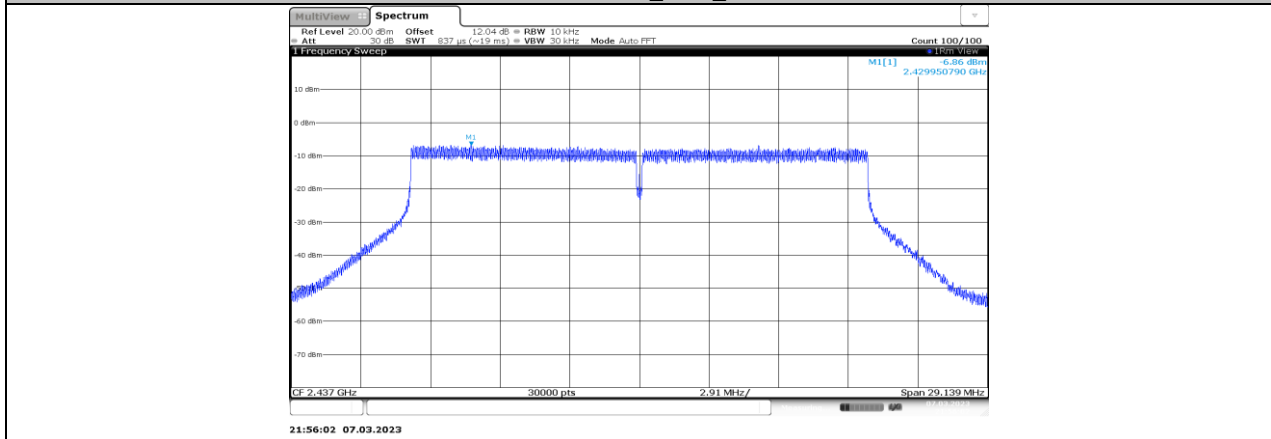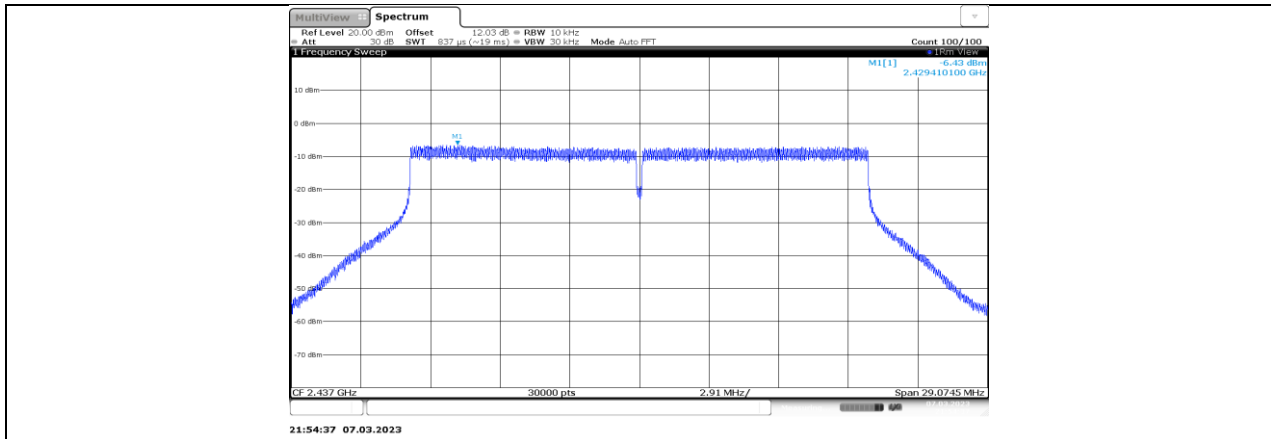UL Verification Services (Guangzhou) Co., Ltd, Song Shan Lake Branch   FORM NO: 10-SL-F0035

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11BE20MIMO_Ant5_2437

11BE20MIMO_Ant7_2437

11BE20MIMO_Ant1_2457

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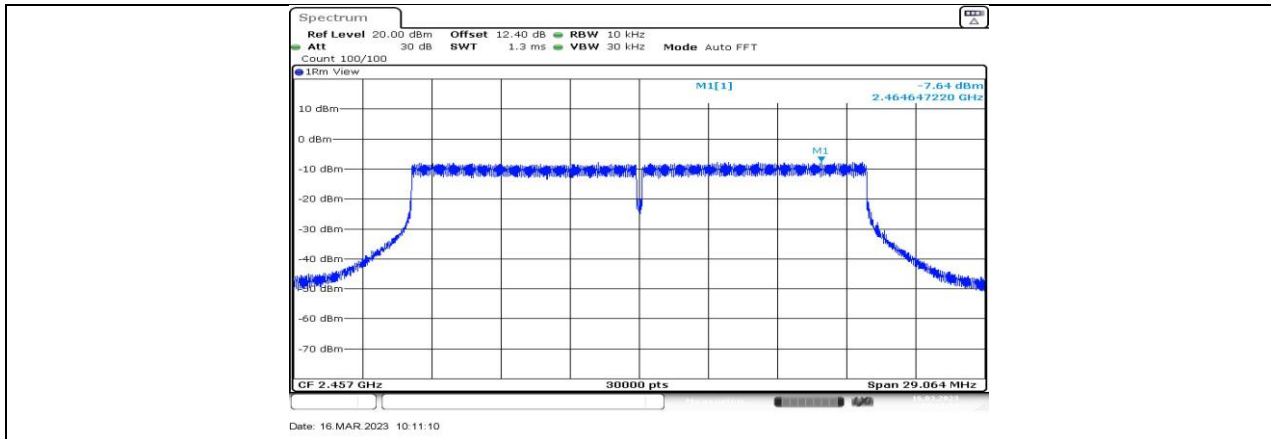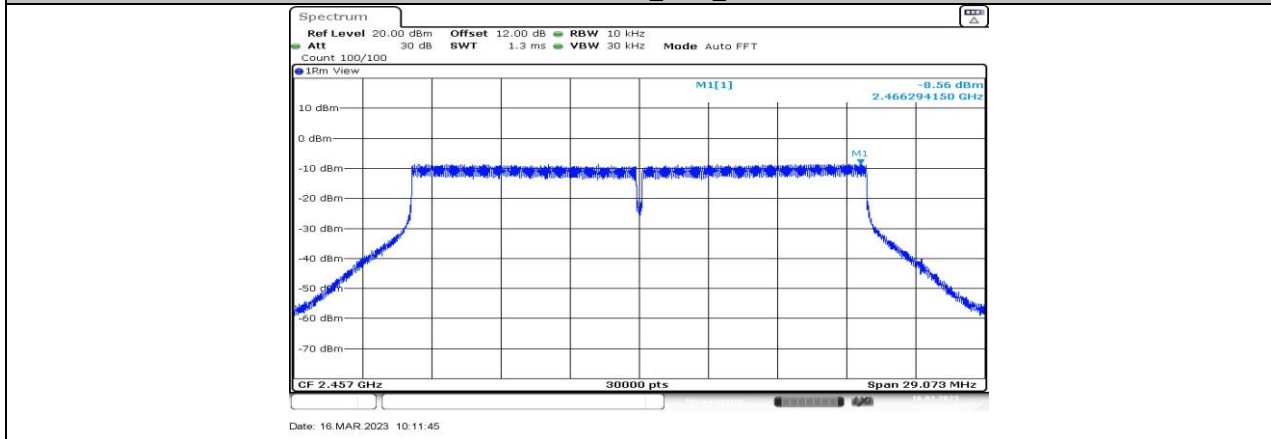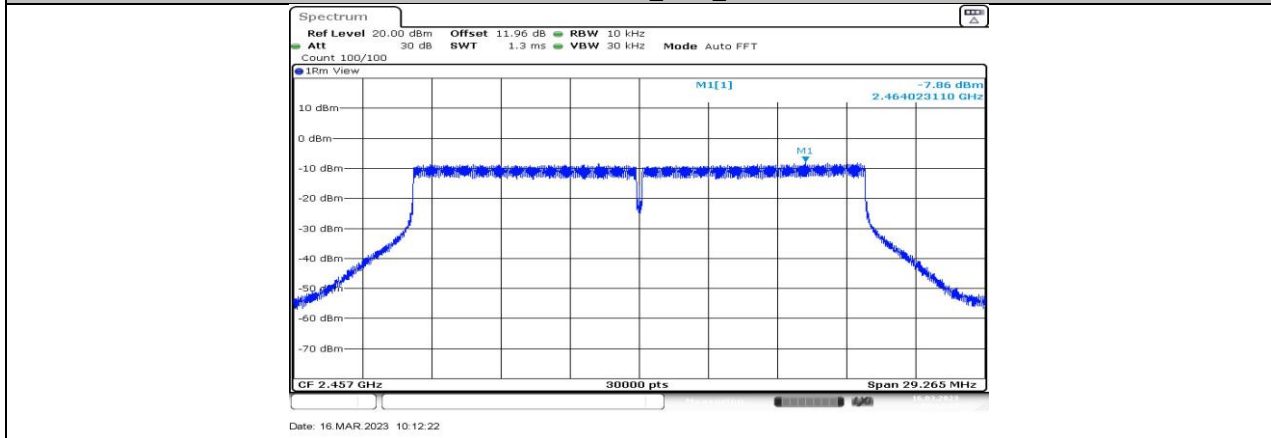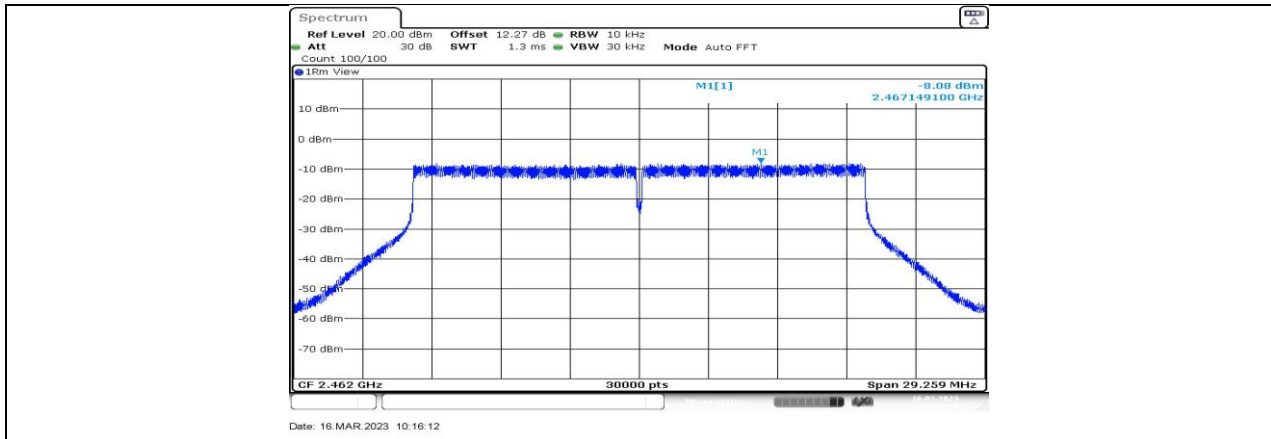
11BE20MIMO_Ant3_2457

11BE20MIMO_Ant5_2457

11BE20MIMO_Ant7_2457

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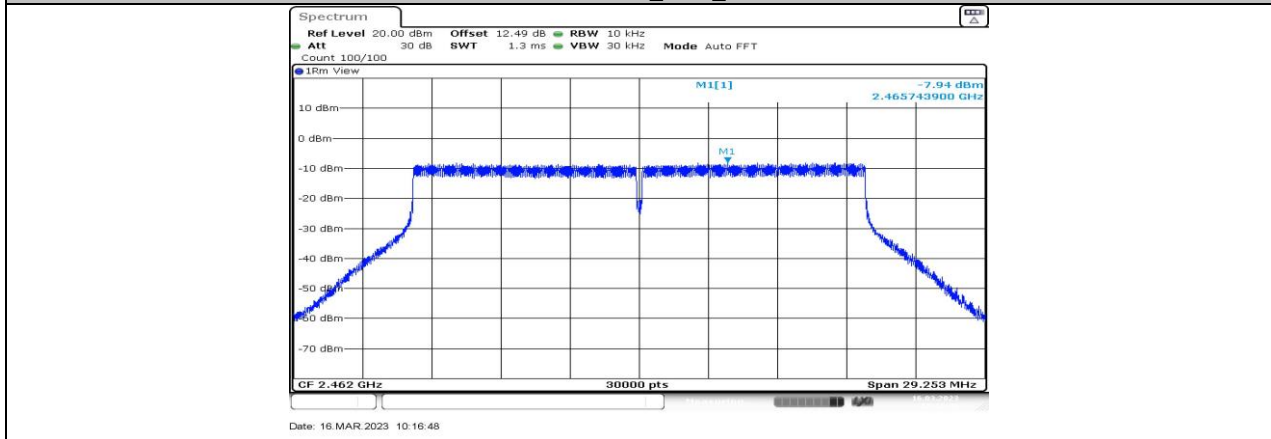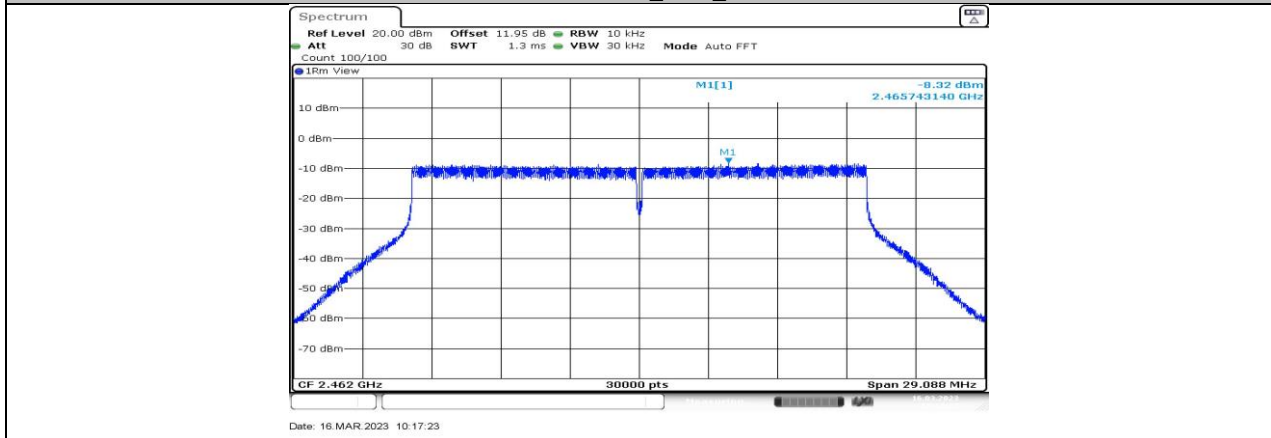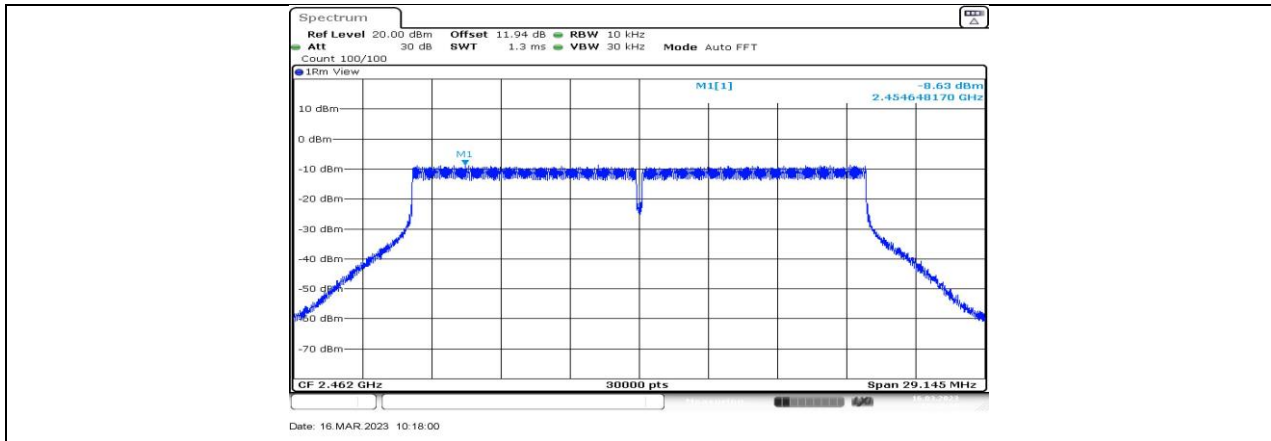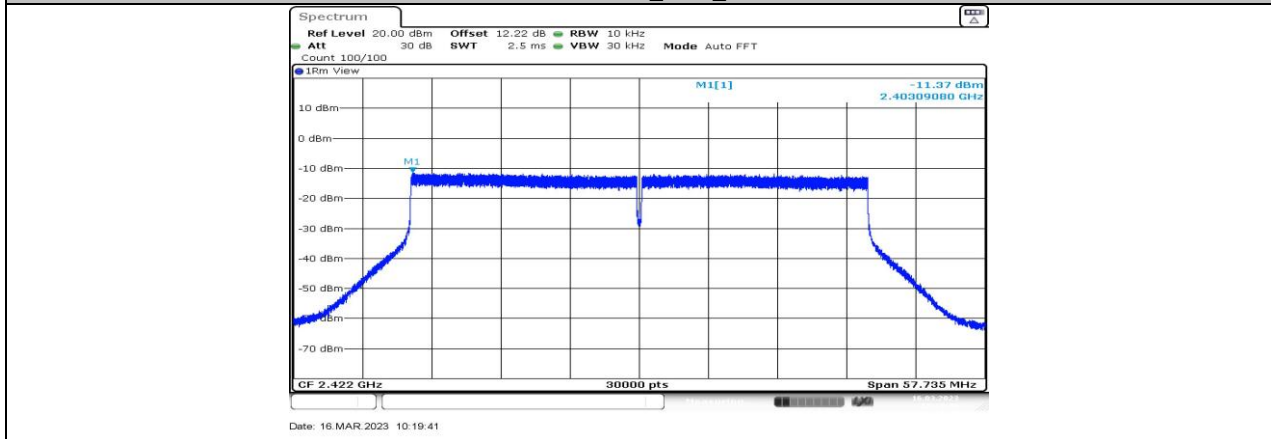
11BE20MIMO_Ant1_2462

11BE20MIMO_Ant3_2462

11BE20MIMO_Ant5_2462

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11BE20MIMO_Ant7_2462

11BE40MIMO_Ant1_2422

11BE40MIMO_Ant3_2422

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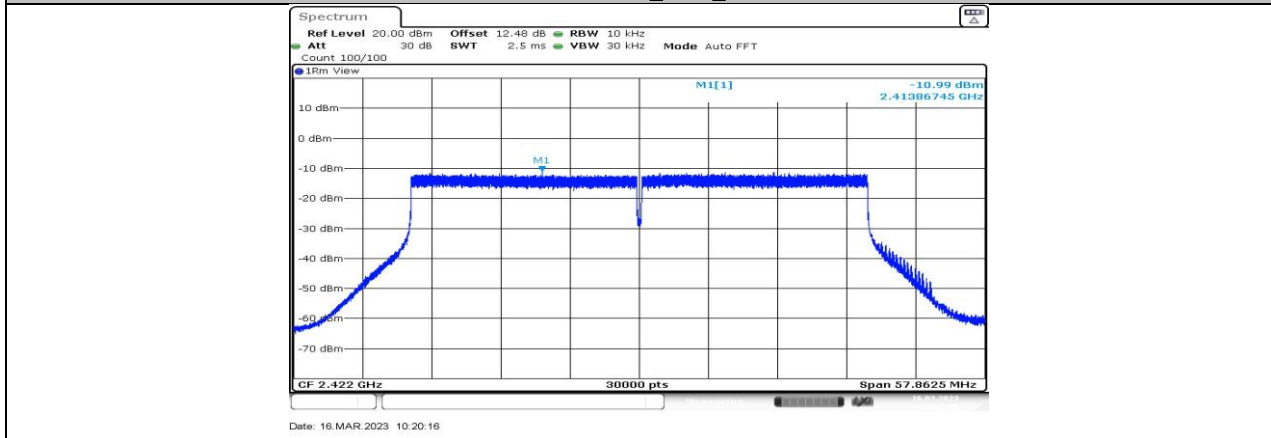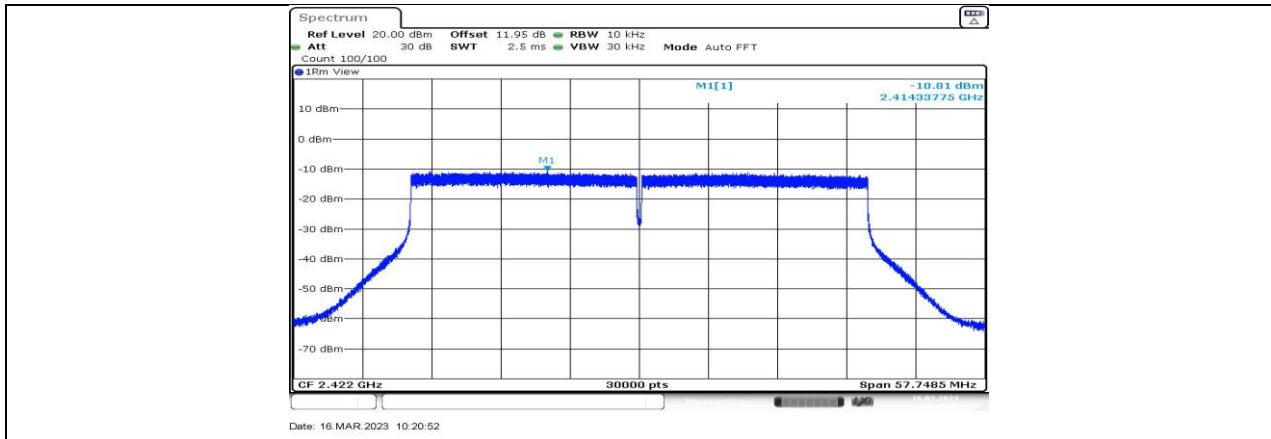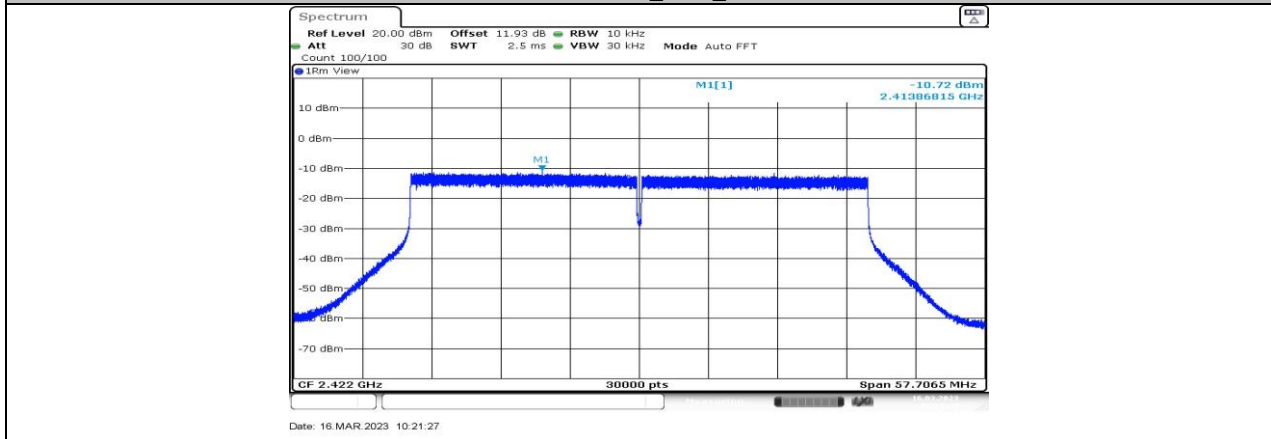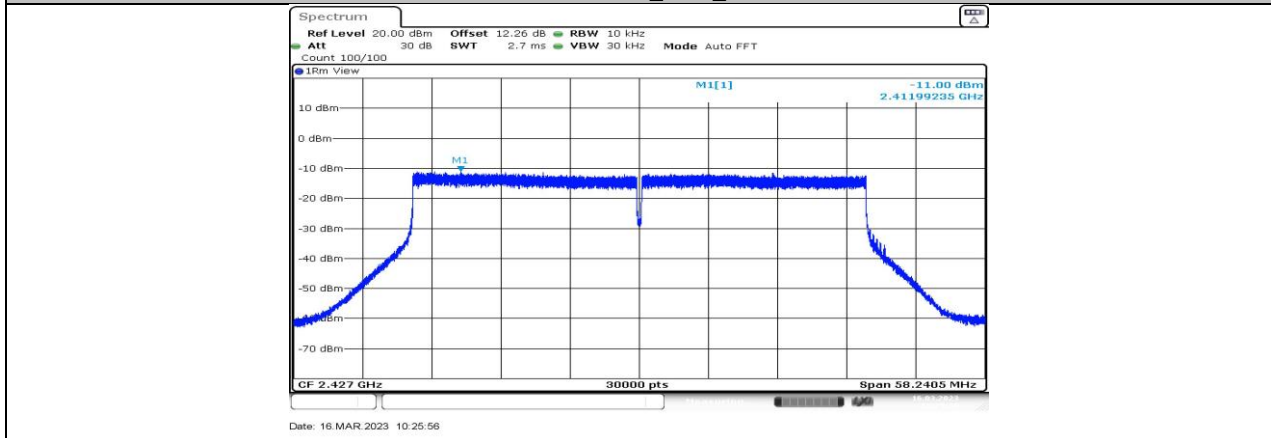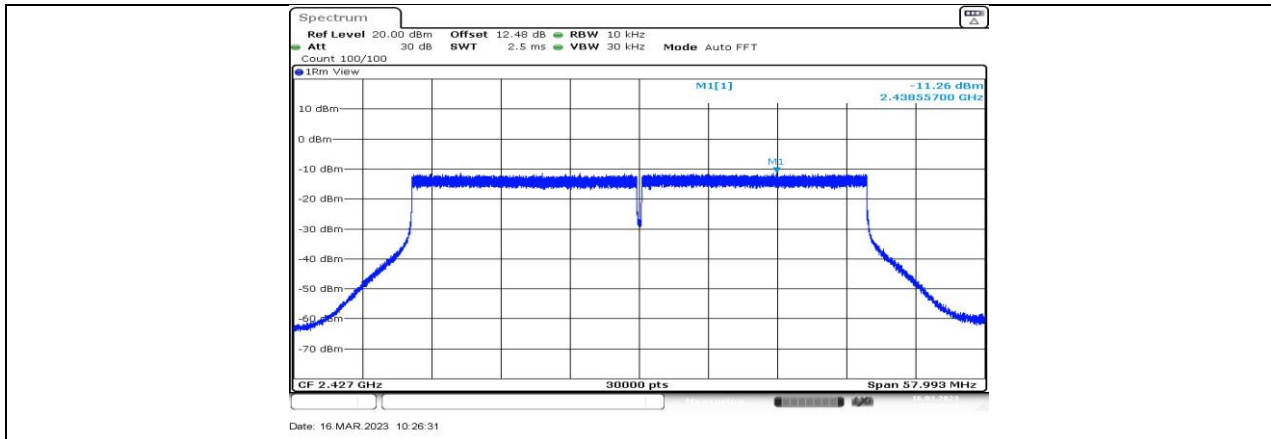
11BE40MIMO_Ant5_2422

11BE40MIMO_Ant7_2422

11BE40MIMO_Ant1_2427

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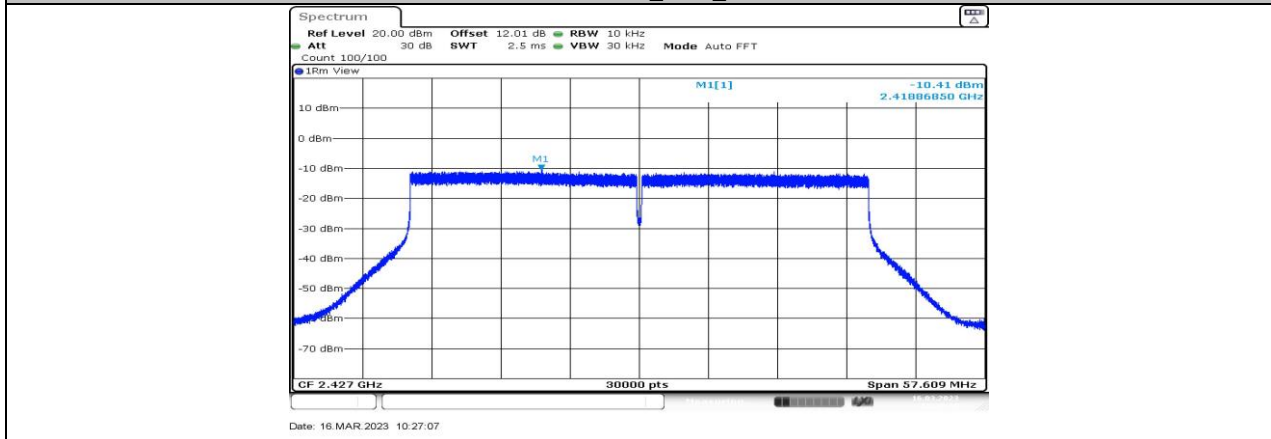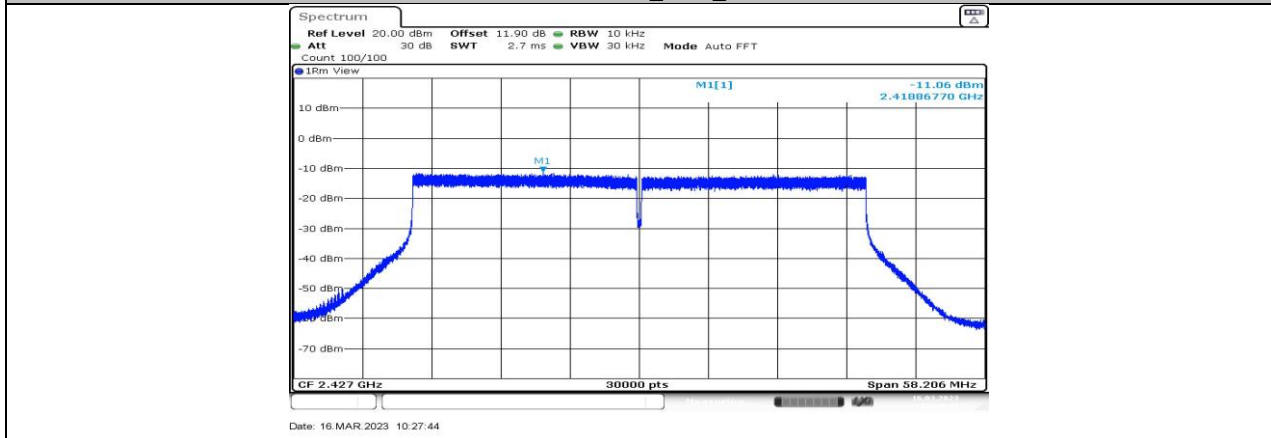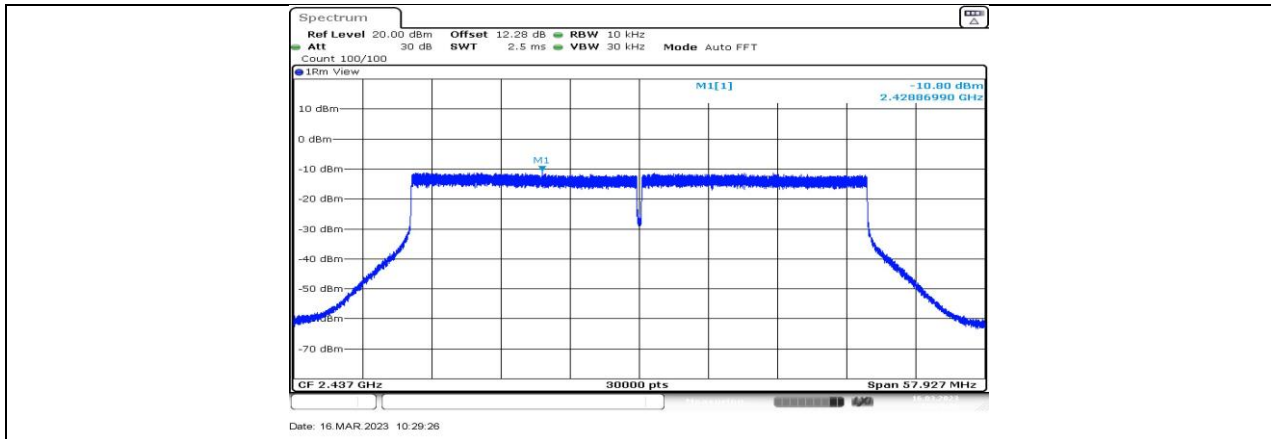**11BE40MIMO_Ant3_2427**

11BE40MIMO_Ant5_2427

11BE40MIMO_Ant7_2427

11BE40MIMO_Ant1_2437

11BE40MIMO_Ant3_2437

11BE40MIMO_Ant5_2437

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11BE40MIMO_Ant7_2437

11BE40MIMO_Ant1_2447

11BE40MIMO_Ant3_2447

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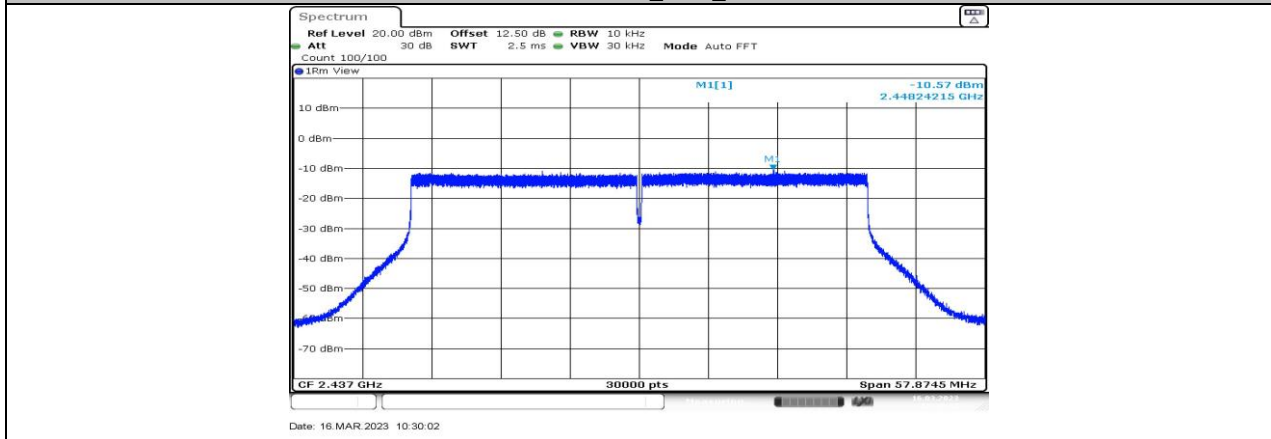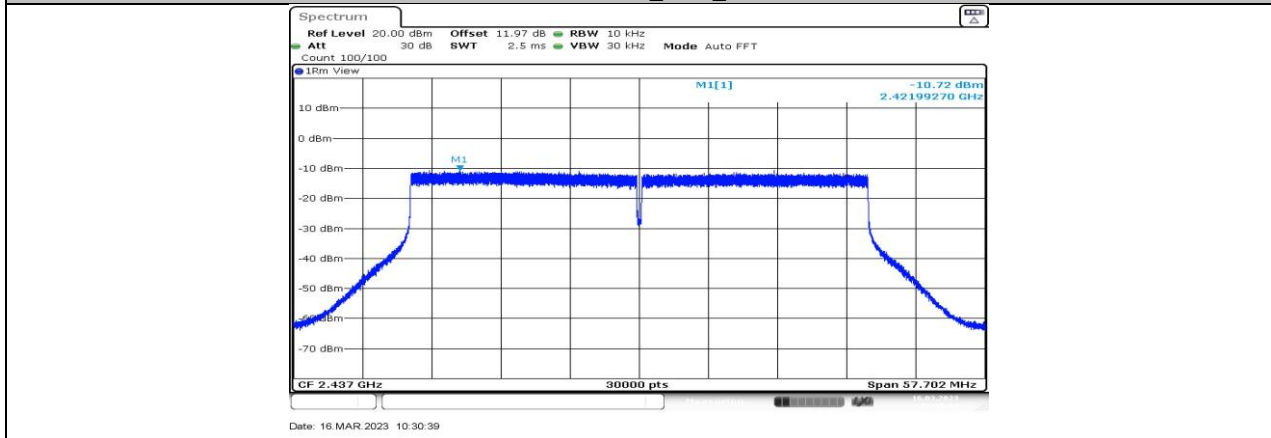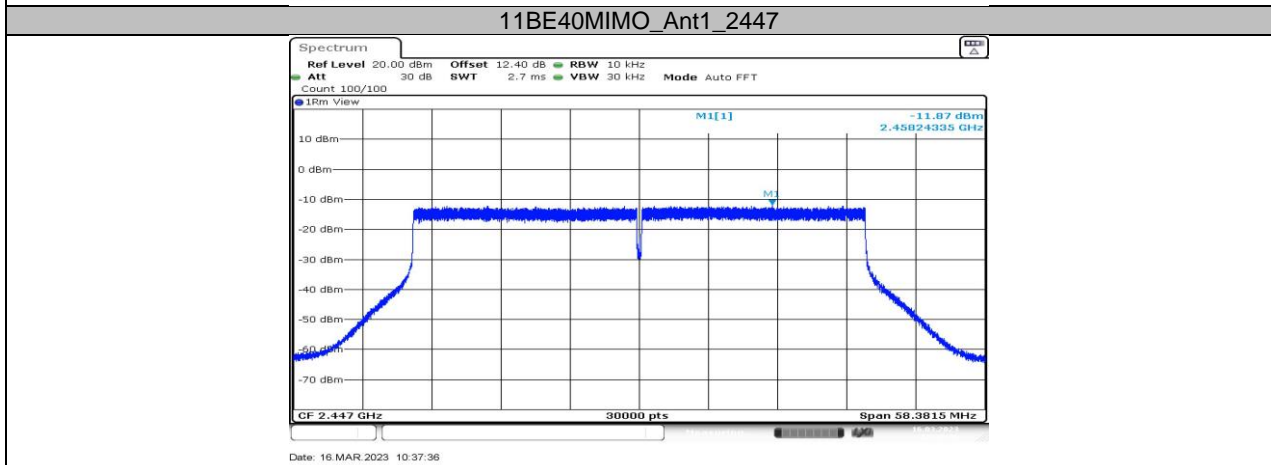*This report shall not be reproduced except in full, without the written approval of UL Verification Services (Guangzhou) Co., Ltd, Song Shan Lake Branch.*

11BE40MIMO_Ant5_2447

11BE40MIMO_Ant7_2447

11BE40MIMO_Ant1_2452

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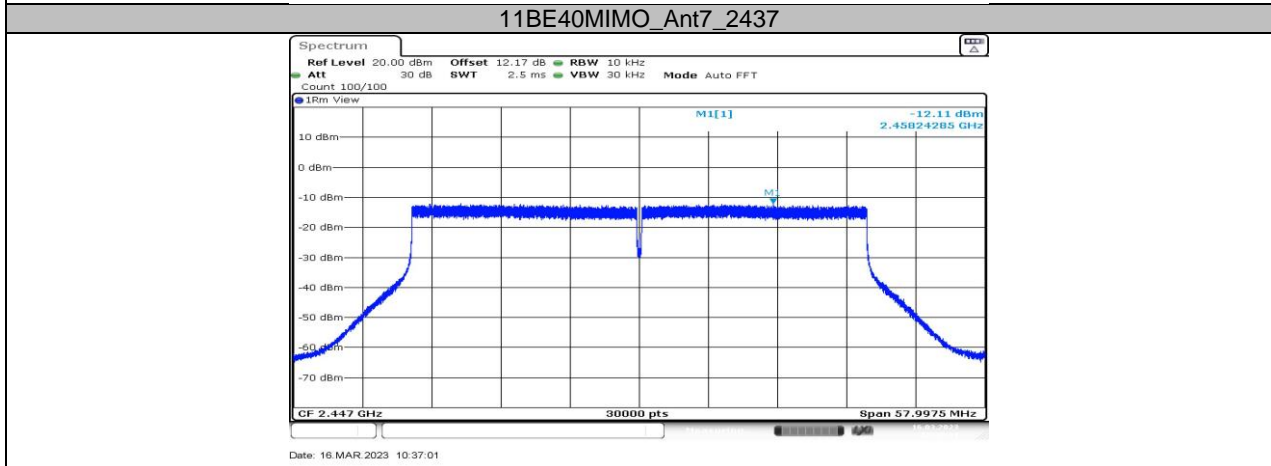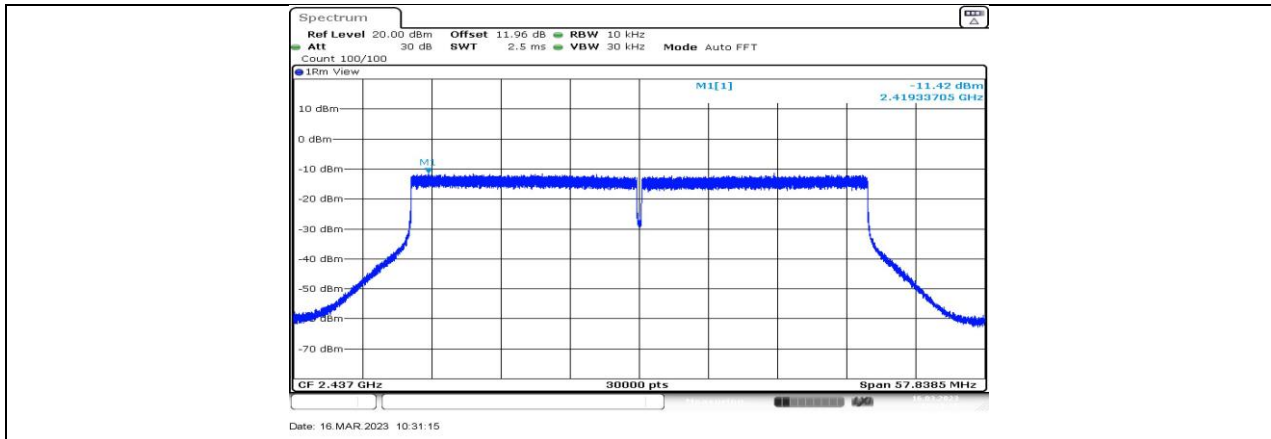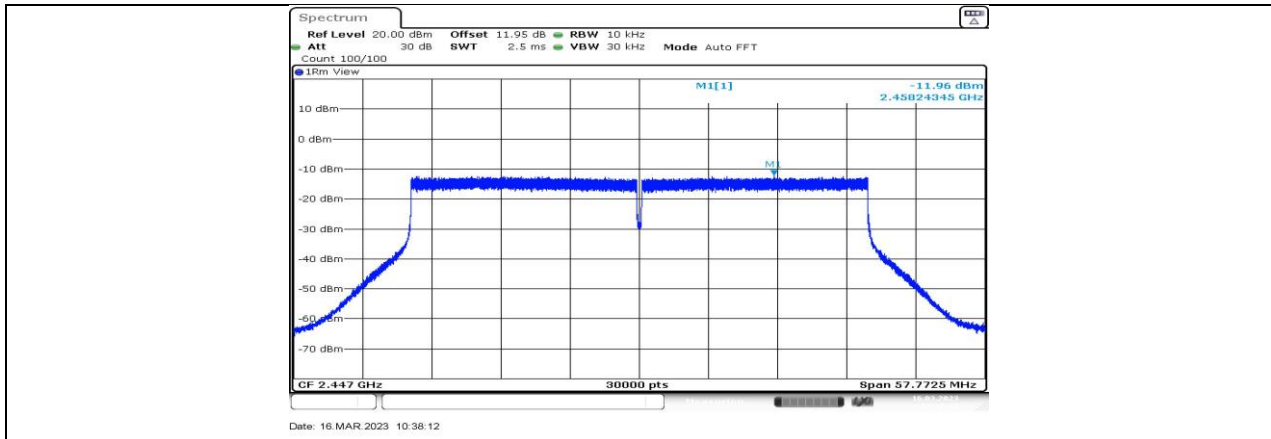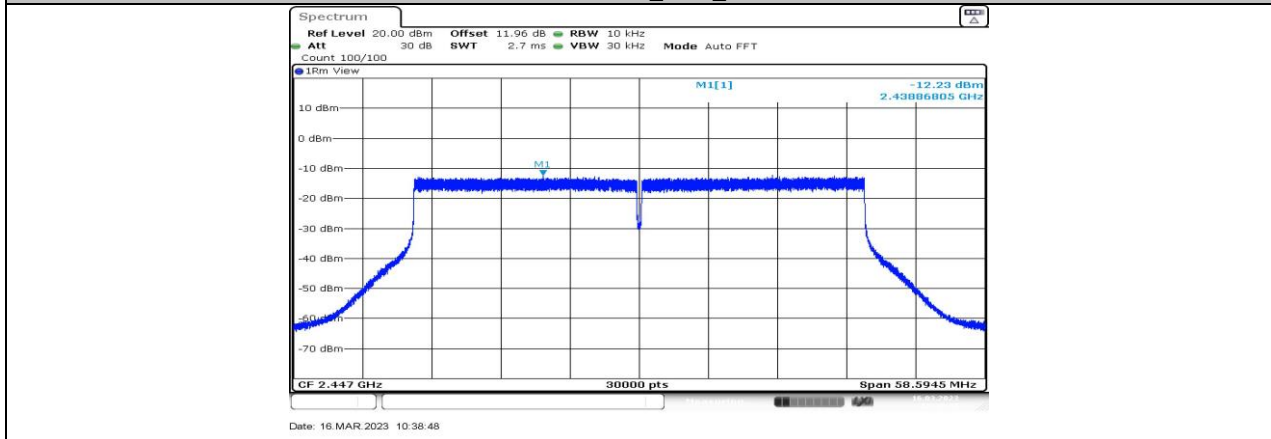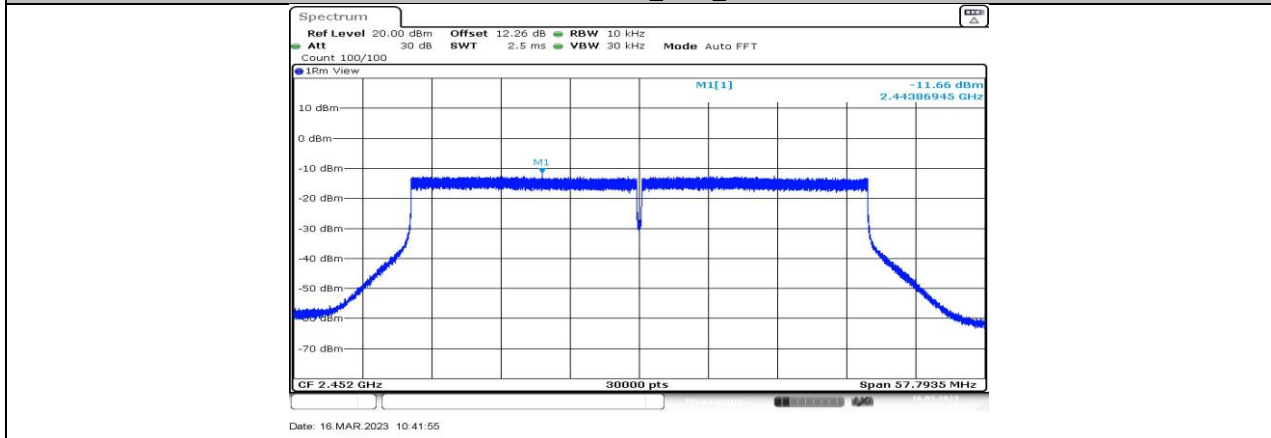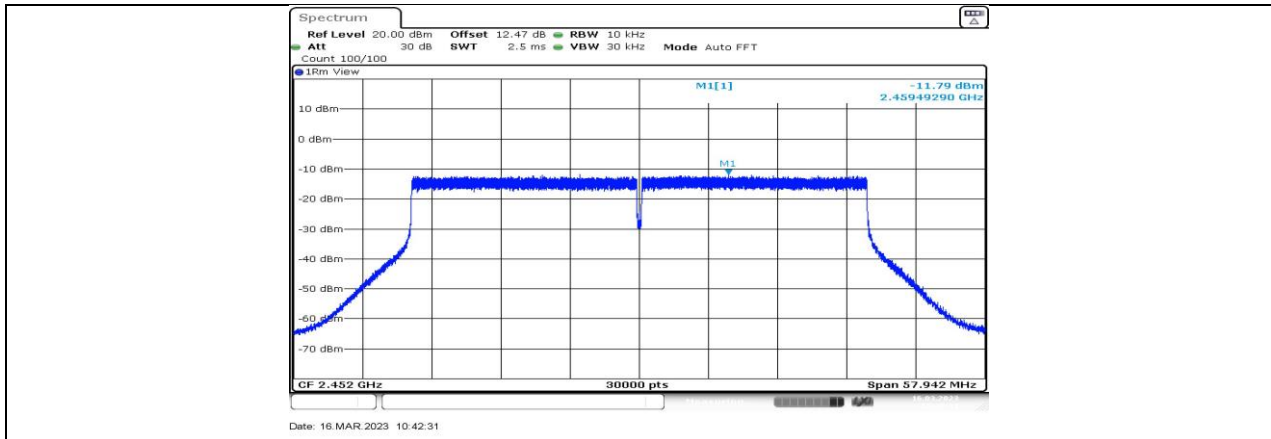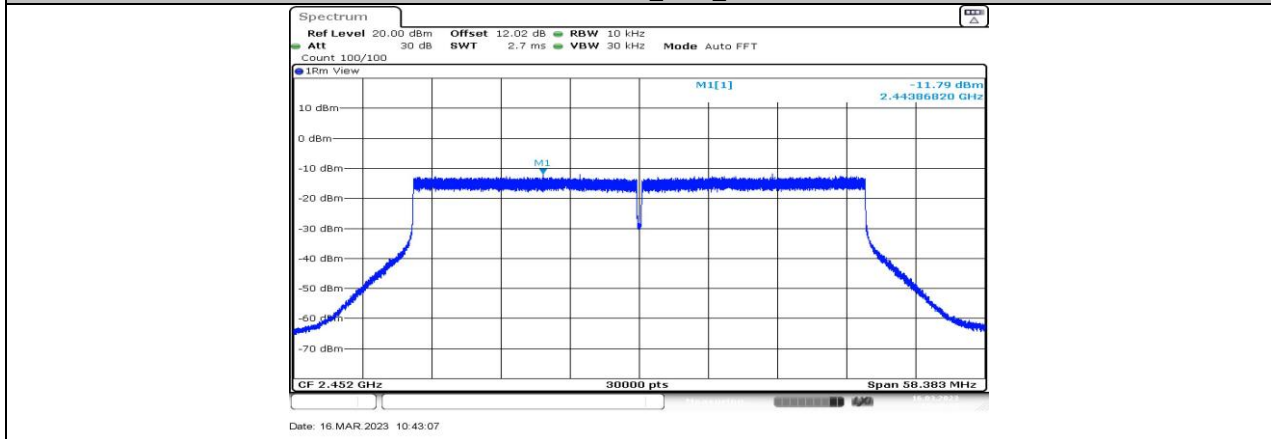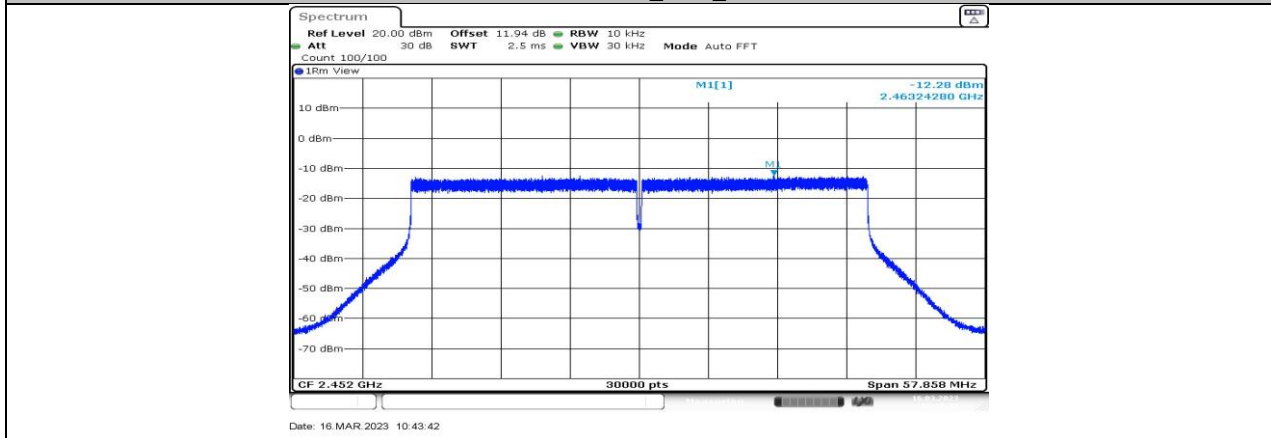
11BE40MIMO_Ant3_2452

11BE40MIMO_Ant5_2452

11BE40MIMO_Ant7_2452

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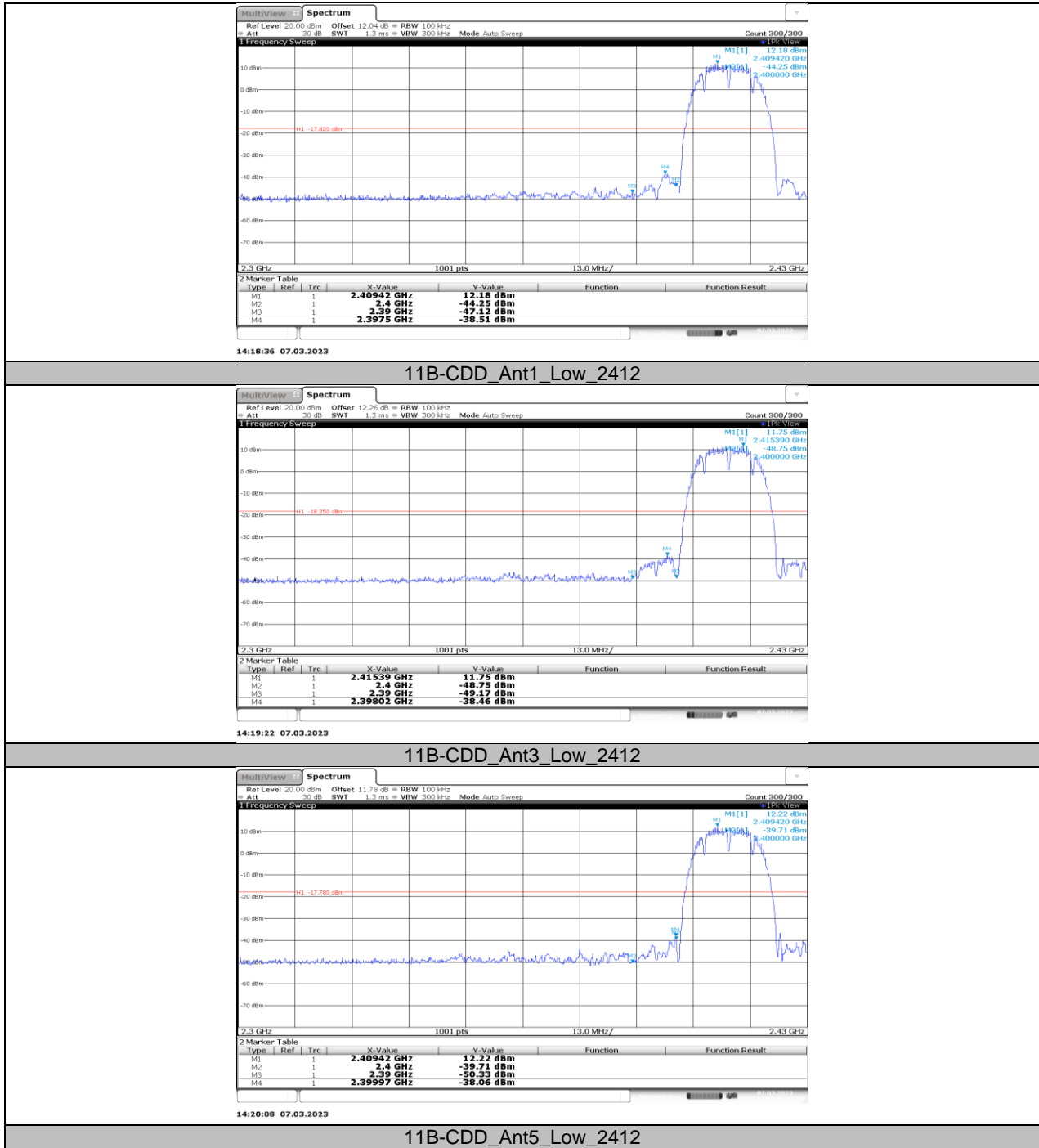
11.5. APPENDIX E: BAND EDGE MEASUREMENTS
11.5.1. Test Result

Test Mode	Antenna	ChName	Channel	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
11B-CDD	Ant1	Low	2412	12.18	-38.51	≤-17.82	PASS
	Ant3	Low	2412	11.75	-38.46	≤-18.25	PASS
	Ant5	Low	2412	12.22	-38.06	≤-17.78	PASS
	Ant7	Low	2412	11.52	-40.75	≤-18.48	PASS
	Ant1	Low	2417	12.46	-39.83	≤-17.54	PASS
	Ant3	Low	2417	12.54	-42.93	≤-17.46	PASS
	Ant5	Low	2417	12.78	-45.3	≤-17.22	PASS
	Ant7	Low	2417	12.11	-45.66	≤-17.89	PASS
	Ant1	High	2457	12.66	-38.71	≤-17.34	PASS
	Ant3	High	2457	12.40	-39.85	≤-17.6	PASS
	Ant5	High	2457	12.08	-40.21	≤-17.92	PASS
	Ant7	High	2457	11.53	-42.06	≤-18.47	PASS
	Ant1	High	2462	12.66	-36.09	≤-17.34	PASS
	Ant3	High	2462	11.85	-39.82	≤-18.15	PASS
	Ant5	High	2462	11.28	-37.04	≤-18.72	PASS
	Ant7	High	2462	11.79	-40.16	≤-18.21	PASS
11G-CDD	Ant1	Low	2412	11.78	-19.33	≤-18.22	PASS
	Ant3	Low	2412	11.63	-20.29	≤-18.37	PASS
	Ant5	Low	2412	12.56	-18.51	≤-17.44	PASS
	Ant7	Low	2412	12.21	-19.14	≤-17.79	PASS
	Ant1	Low	2417	11.90	-32.22	≤-18.1	PASS
	Ant3	Low	2417	11.82	-34.97	≤-18.18	PASS
	Ant5	Low	2417	12.81	-25.77	≤-17.19	PASS
	Ant7	Low	2417	12.16	-25.65	≤-17.84	PASS
	Ant1	High	2457	12.43	-36.07	≤-17.57	PASS
	Ant3	High	2457	11.87	-37.62	≤-18.13	PASS
	Ant5	High	2457	11.81	-42.09	≤-18.19	PASS
	Ant7	High	2457	11.31	-43.41	≤-18.69	PASS
	Ant1	High	2462	13.11	-31.23	≤-16.89	PASS
	Ant3	High	2462	12.57	-30.33	≤-17.43	PASS
	Ant5	High	2462	12.29	-37.48	≤-17.71	PASS
	Ant7	High	2462	11.94	-39.27	≤-18.06	PASS
11AX20MIMO	Ant1	Low	2412	11.18	-21.03	≤-18.82	PASS
	Ant3	Low	2412	11.46	-20.44	≤-18.54	PASS
	Ant5	Low	2412	12.20	-19.43	≤-17.8	PASS
	Ant7	Low	2412	11.83	-20.18	≤-18.17	PASS
	Ant1	Low	2417	11.55	-33.85	≤-18.45	PASS
	Ant3	Low	2417	11.34	-34.2	≤-18.66	PASS
	Ant5	Low	2417	12.33	-33.75	≤-17.67	PASS
	Ant7	Low	2417	11.33	-30.42	≤-18.67	PASS
	Ant1	High	2457	12.61	-35.93	≤-17.39	PASS
	Ant3	High	2457	12.29	-31.75	≤-17.71	PASS
	Ant5	High	2457	12.43	-40.39	≤-17.57	PASS
	Ant7	High	2457	12.01	-39.82	≤-17.99	PASS
	Ant1	High	2462	12.75	-32.86	≤-17.25	PASS
	Ant3	High	2462	12.61	-29.52	≤-17.39	PASS
	Ant5	High	2462	12.42	-38.54	≤-17.58	PASS
	Ant7	High	2462	12.22	-38.64	≤-17.78	PASS
11AX40MIMO	Ant1	Low	2422	6.57	-24.12	≤-23.43	PASS
	Ant3	Low	2422	6.56	-24.85	≤-23.44	PASS
	Ant5	Low	2422	6.46	-24.47	≤-23.54	PASS
	Ant7	Low	2422	6.40	-23.86	≤-23.6	PASS
	Ant1	Low	2427	9.14	-29.53	≤-20.86	PASS
	Ant3	Low	2427	8.84	-24.51	≤-21.16	PASS
	Ant5	Low	2427	9.47	-34.29	≤-20.53	PASS

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	Ant7	Low	2427	8.70	-27.18	≤-21.3	PASS
	Ant1	High	2447	9.12	-32.15	≤-20.88	PASS
	Ant3	High	2447	9.67	-28.68	≤-20.33	PASS
	Ant5	High	2447	9.53	-33.95	≤-20.47	PASS
	Ant7	High	2447	9.33	-27.09	≤-20.67	PASS
	Ant1	High	2452	9.03	-29.8	≤-20.97	PASS
	Ant3	High	2452	9.52	-28.42	≤-20.48	PASS
	Ant5	High	2452	9.47	-35.49	≤-20.53	PASS
	Ant7	High	2452	9.50	-26.55	≤-20.5	PASS
11BE20MIMO	Ant1	Low	2412	11.61	-21.27	≤-18.39	PASS
	Ant3	Low	2412	10.89	-21.14	≤-19.11	PASS
	Ant5	Low	2412	11.90	-19.08	≤-18.1	PASS
	Ant7	Low	2412	12.05	-19.59	≤-17.95	PASS
	Ant1	Low	2417	11.18	-33.85	≤-18.82	PASS
	Ant3	Low	2417	11.31	-35.45	≤-18.69	PASS
	Ant5	Low	2417	12.11	-33.78	≤-17.89	PASS
	Ant7	Low	2417	11.74	-31.4	≤-18.26	PASS
	Ant1	High	2457	12.79	-38.25	≤-17.21	PASS
	Ant3	High	2457	12.21	-31.21	≤-17.79	PASS
	Ant5	High	2457	12.31	-41.37	≤-17.69	PASS
	Ant7	High	2457	12.02	-40.31	≤-17.98	PASS
	Ant1	High	2462	13.22	-35.33	≤-16.78	PASS
	Ant3	High	2462	12.58	-28.52	≤-17.42	PASS
	Ant5	High	2462	12.31	-40.46	≤-17.69	PASS
	Ant7	High	2462	12.14	-33.79	≤-17.86	PASS
11BE40MIMO	Ant1	Low	2422	9.22	-21.58	≤-20.78	PASS
	Ant3	Low	2422	8.88	-22	≤-21.12	PASS
	Ant5	Low	2422	9.54	-20.61	≤-20.46	PASS
	Ant7	Low	2422	9.21	-20.92	≤-20.79	PASS
	Ant1	Low	2427	9.15	-31	≤-20.85	PASS
	Ant3	Low	2427	8.69	-28.33	≤-21.31	PASS
	Ant5	Low	2427	9.33	-32.38	≤-20.67	PASS
	Ant7	Low	2427	8.55	-26.73	≤-21.45	PASS
	Ant1	High	2447	9.07	-31.12	≤-20.93	PASS
	Ant3	High	2447	9.60	-27.5	≤-20.4	PASS
	Ant5	High	2447	9.02	-34.94	≤-20.98	PASS
	Ant7	High	2447	9.03	-31.47	≤-20.97	PASS
	Ant1	High	2452	8.88	-32.78	≤-21.12	PASS
	Ant3	High	2452	9.53	-26.62	≤-20.47	PASS
	Ant5	High	2452	9.20	-37.25	≤-20.8	PASS
	Ant7	High	2452	9.22	-29.26	≤-20.78	PASS

11.5.2. Test Graphs

11B-CDD_Ant1_Low_2412

11B-CDD_Ant3_Low_2412

11B-CDD_Ant5_Low_2412
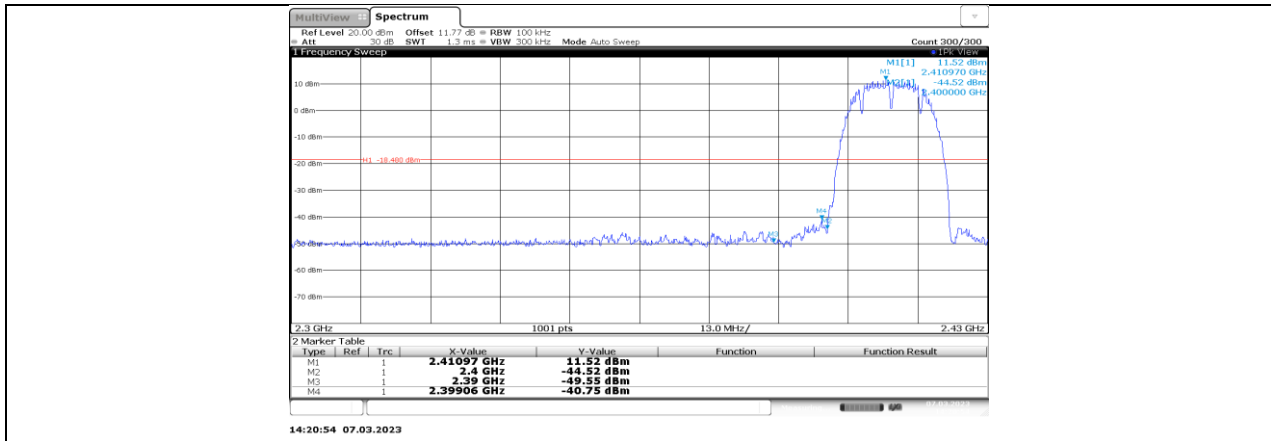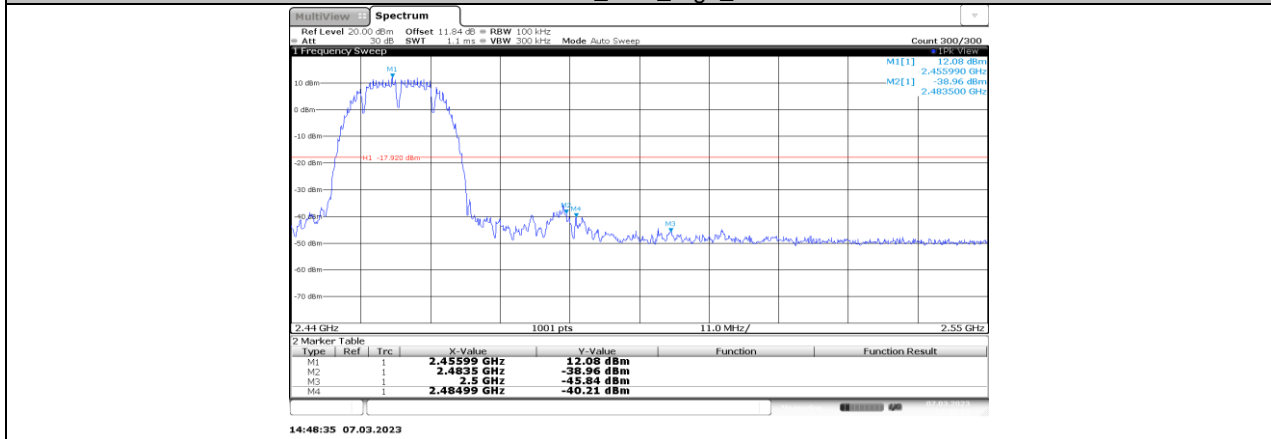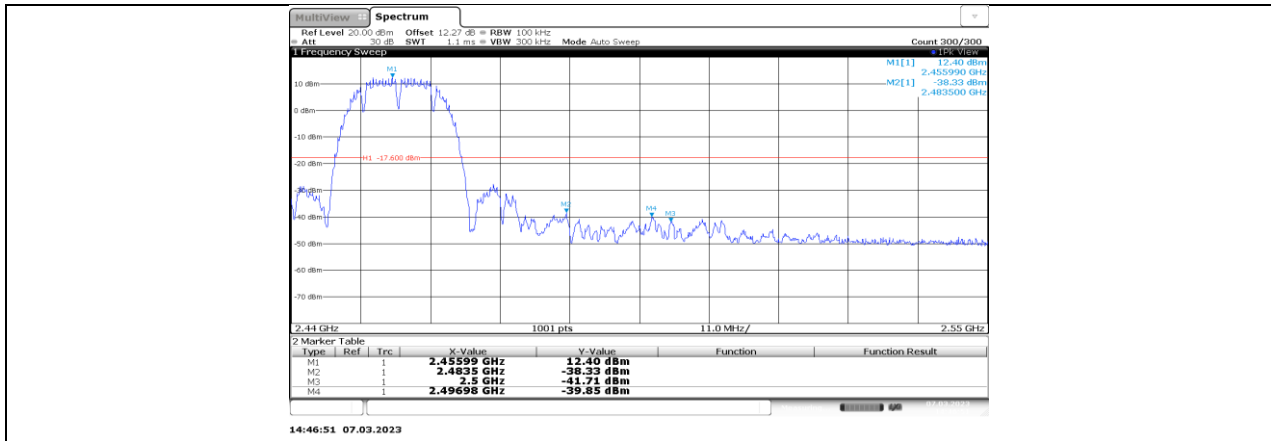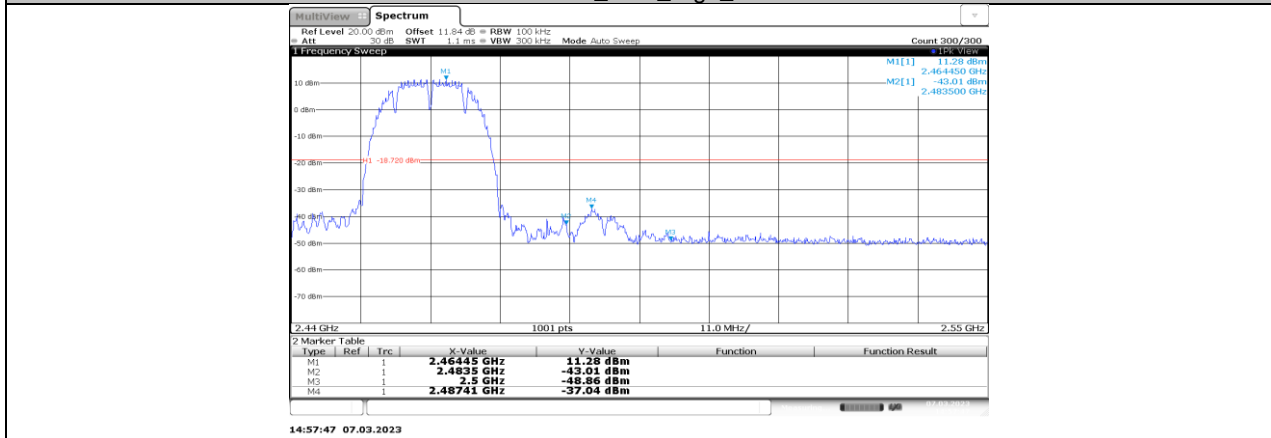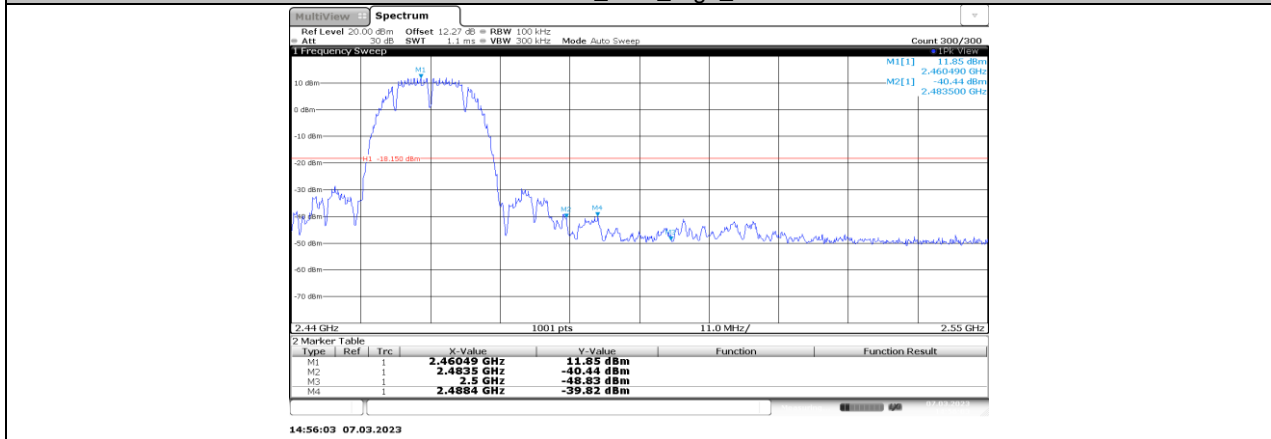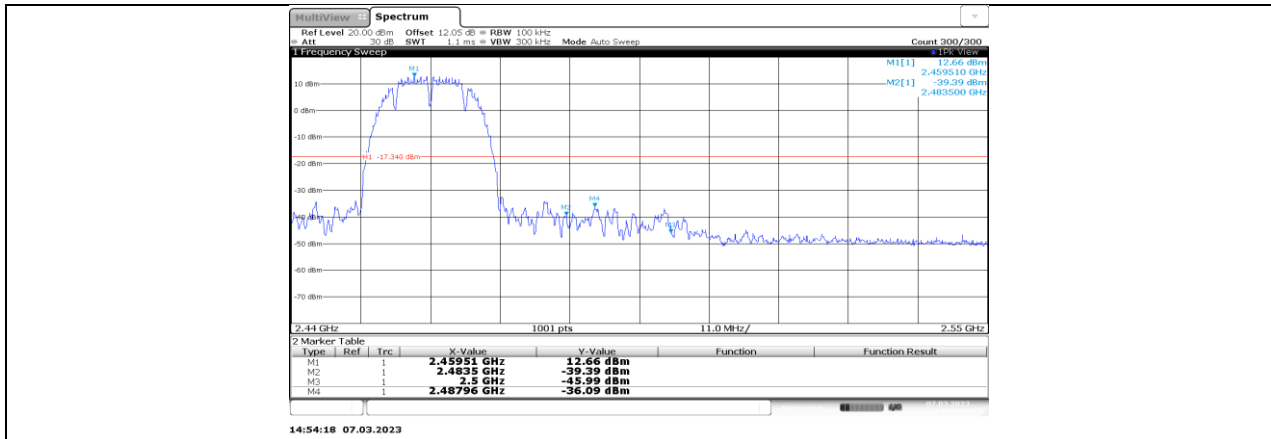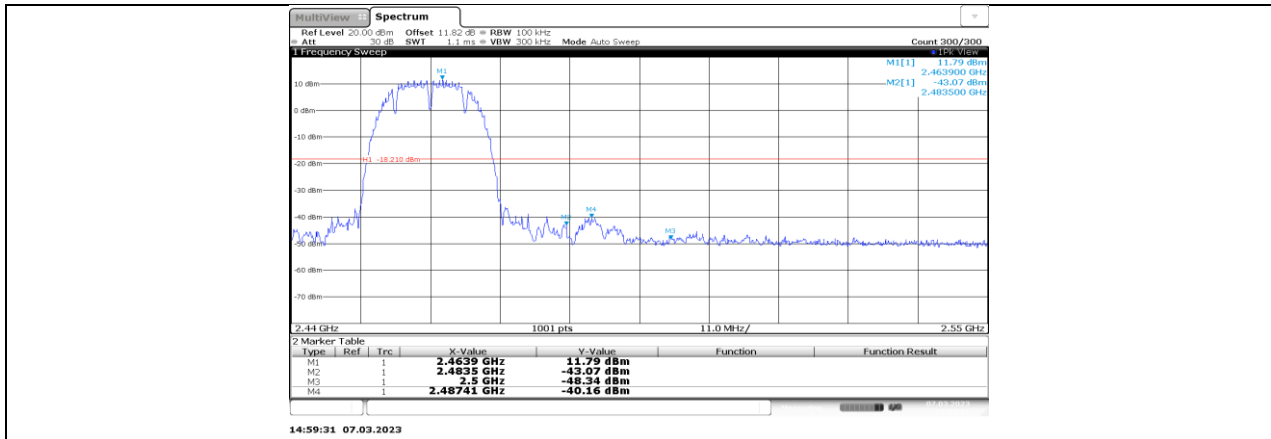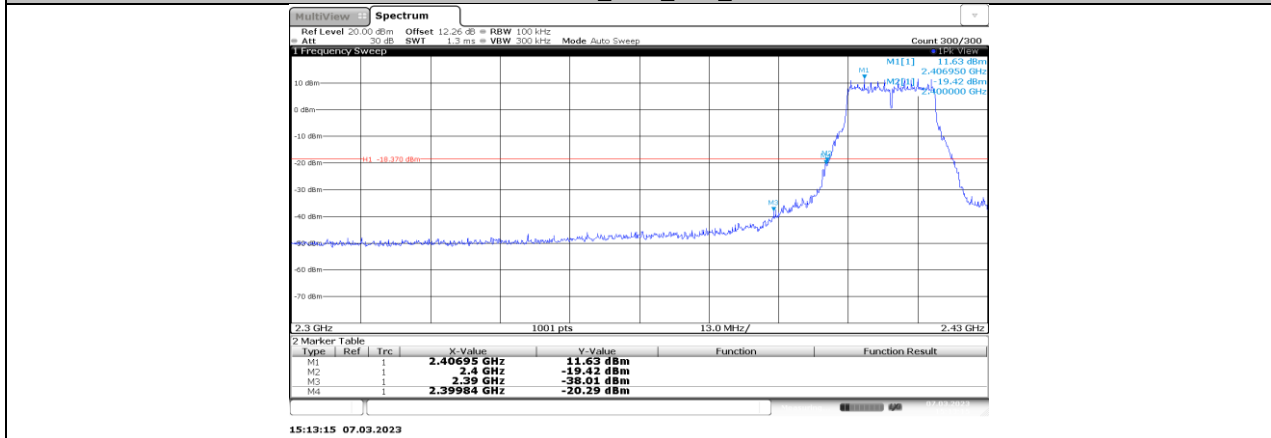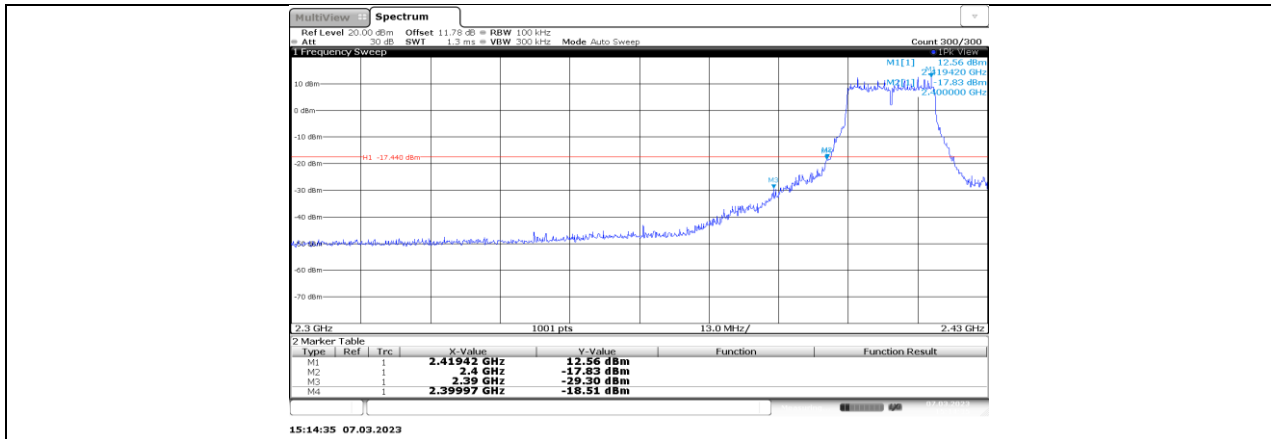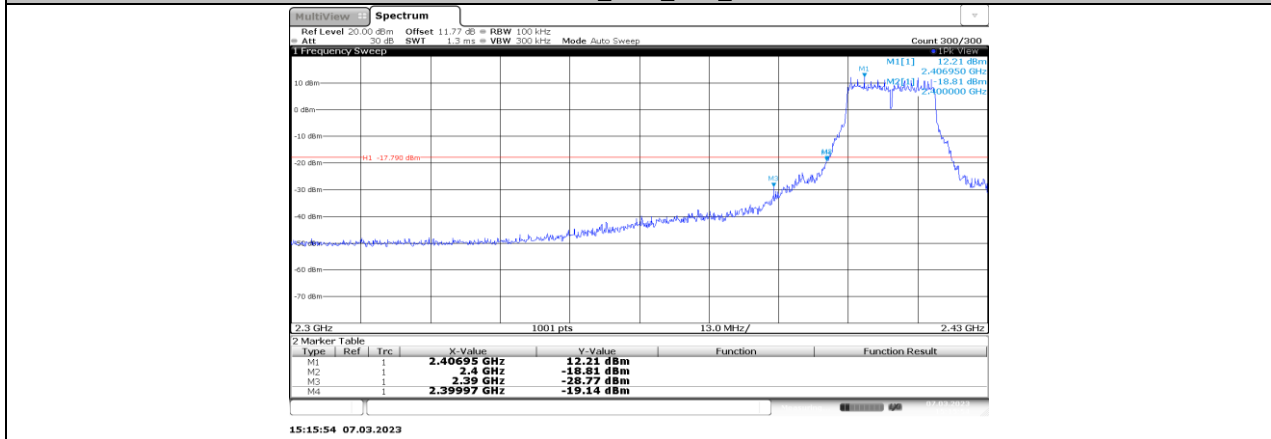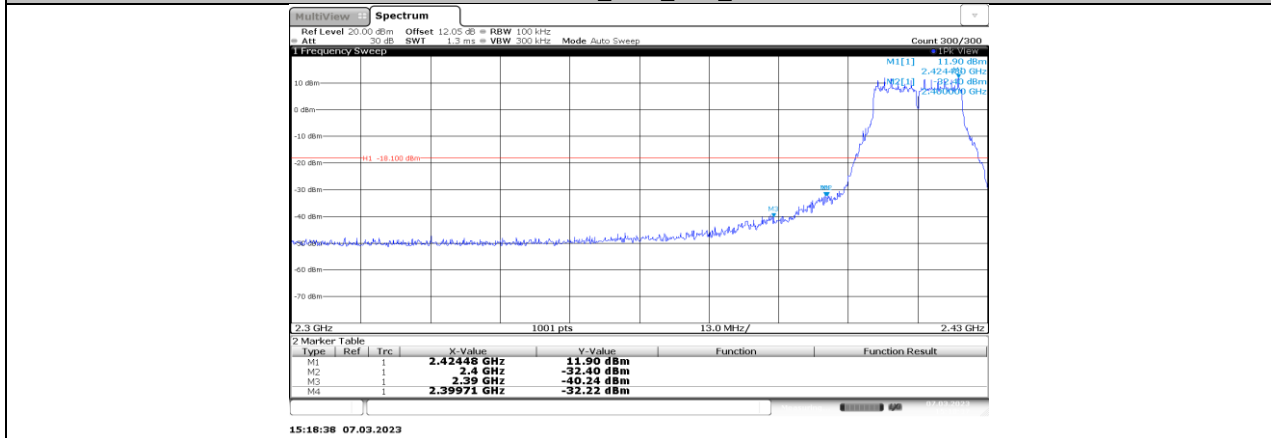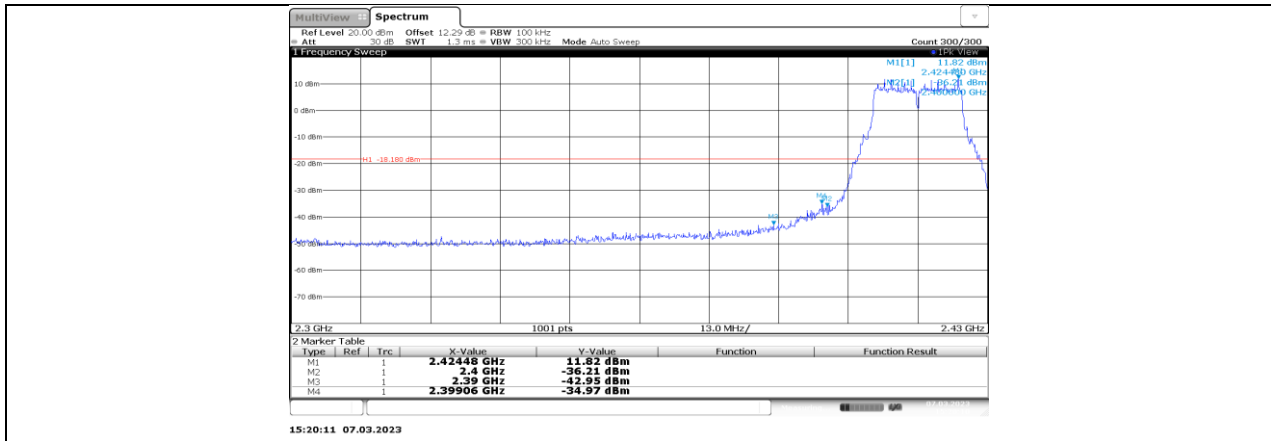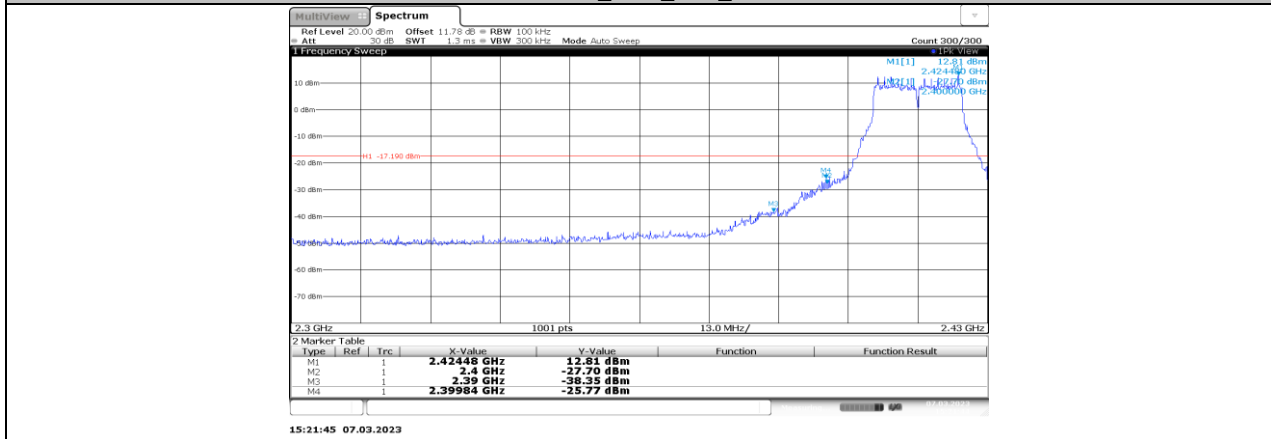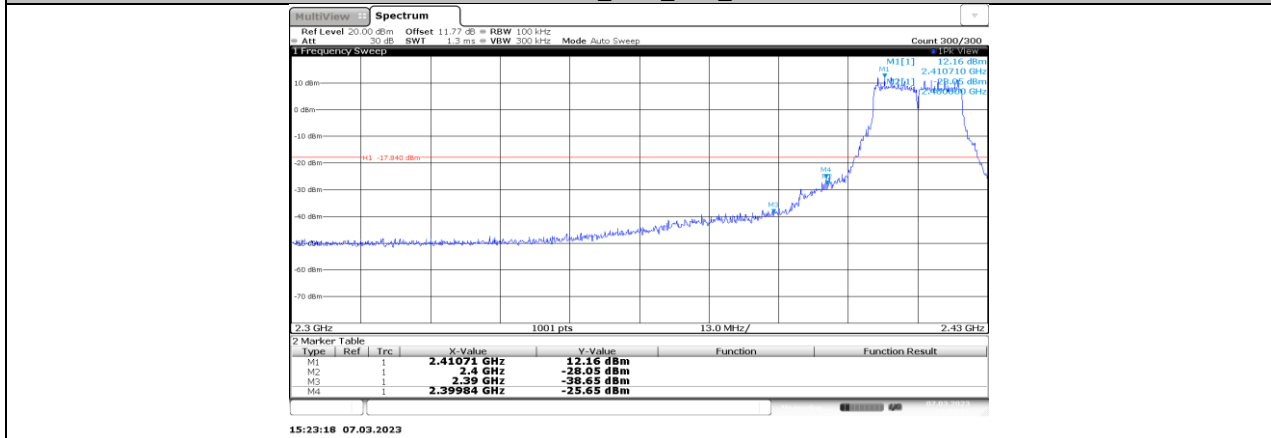
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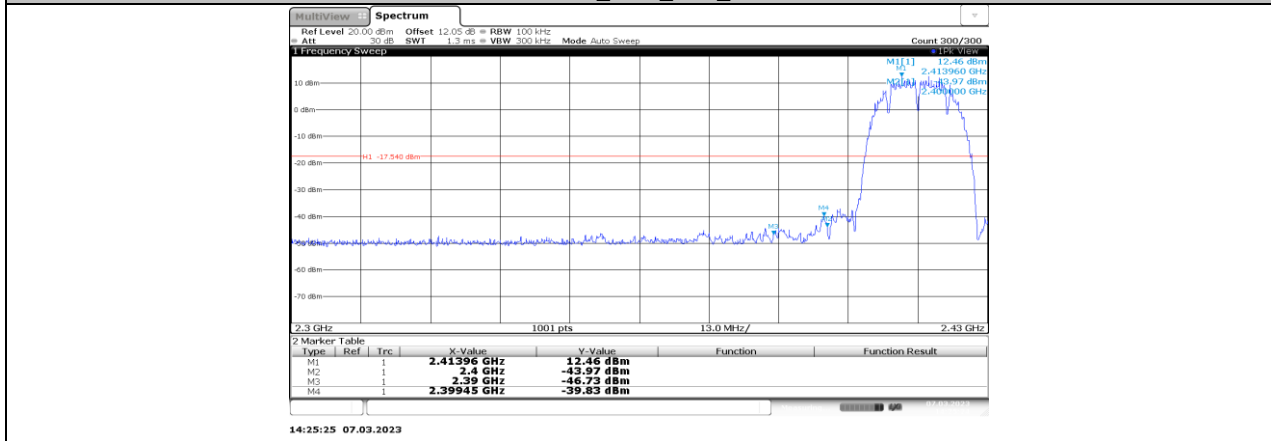
11B-CDD_Ant1_Low_2417

11B-CDD_Ant3_Low_2417

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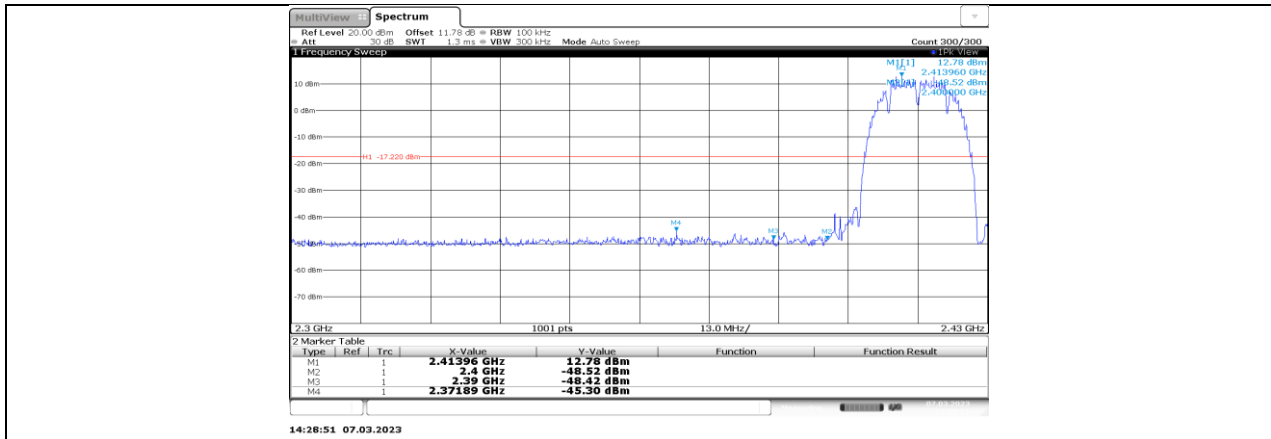
11B-CDD_Ant5_Low_2417
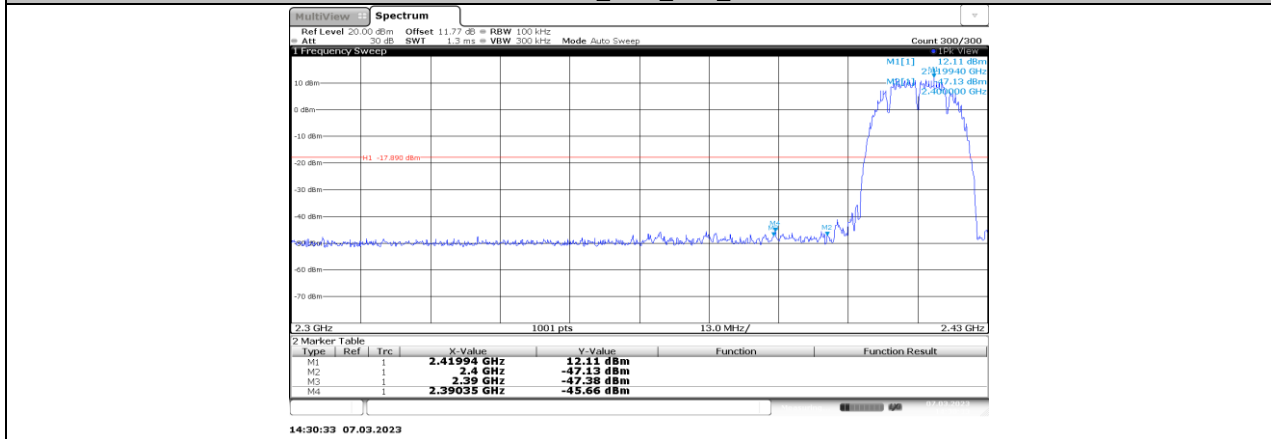
11B-CDD_Ant7_Low_2417
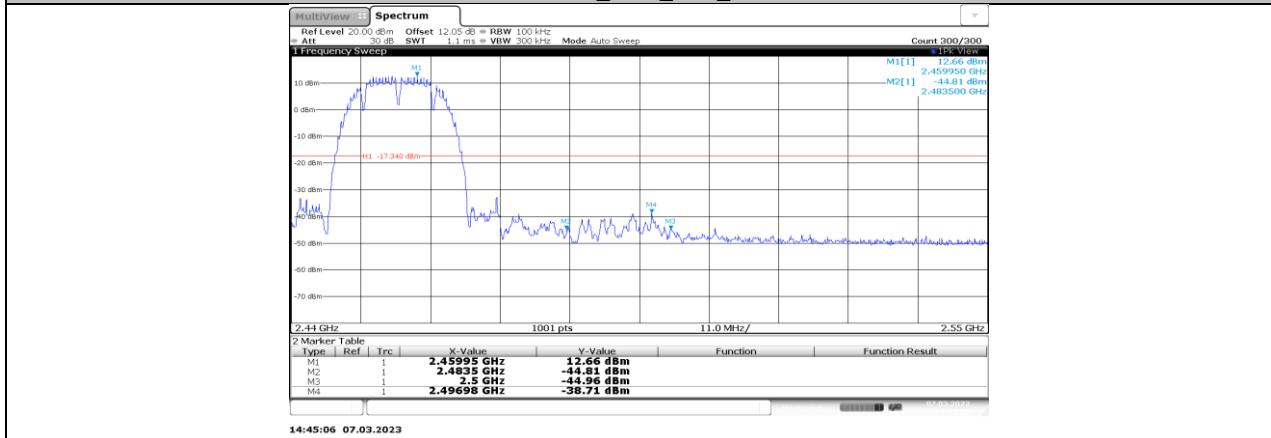
11B-CDD_Ant1_High_2457

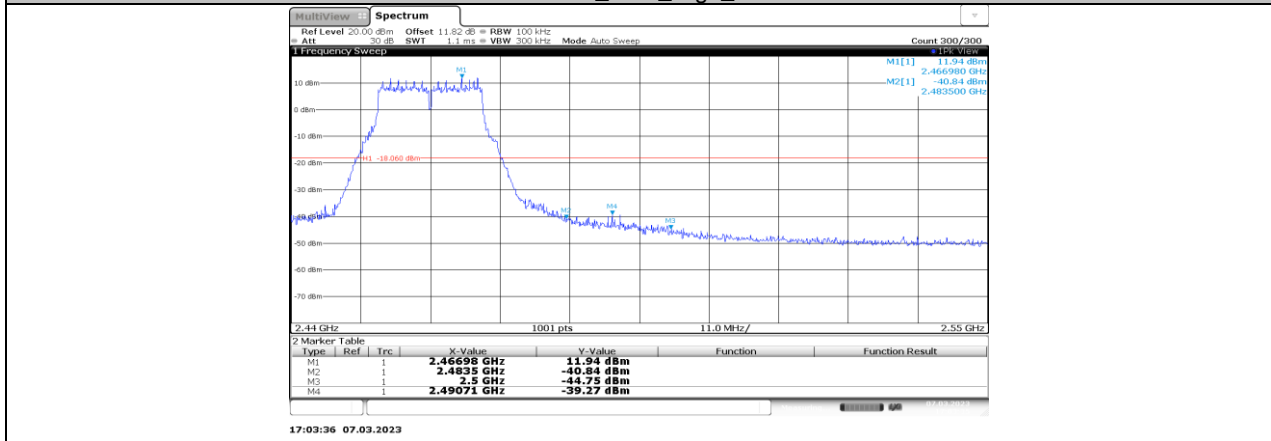11B-CDD_Ant3_High_2457

11B-CDD_Ant5_High_2457

11B-CDD_Ant7_High_2457

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11B-CDD_Ant1_High_2462

11B-CDD_Ant3_High_2462

11B-CDD_Ant5_High_2462

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11B-CDD_Ant7_High_2462

11G-CDD_Ant1_Low_2412

11G-CDD_Ant3_Low_2412

11G-CDD_Ant5_Low_2412

11G-CDD_Ant7_Low_2412

11G-CDD_Ant1_Low_2417

11G-CDD_Ant3_Low_2417

11G-CDD_Ant5_Low_2417

11G-CDD_Ant7_Low_2417
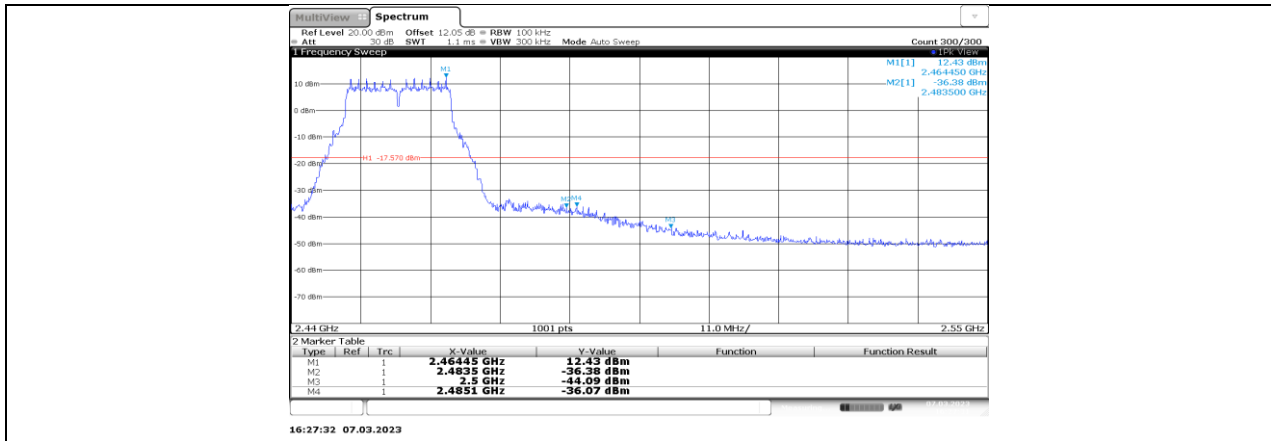
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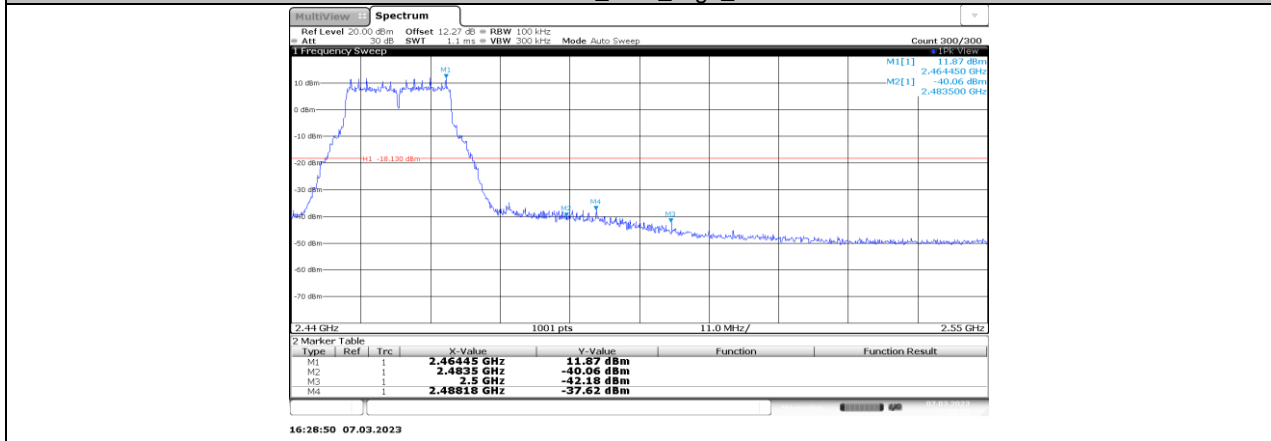
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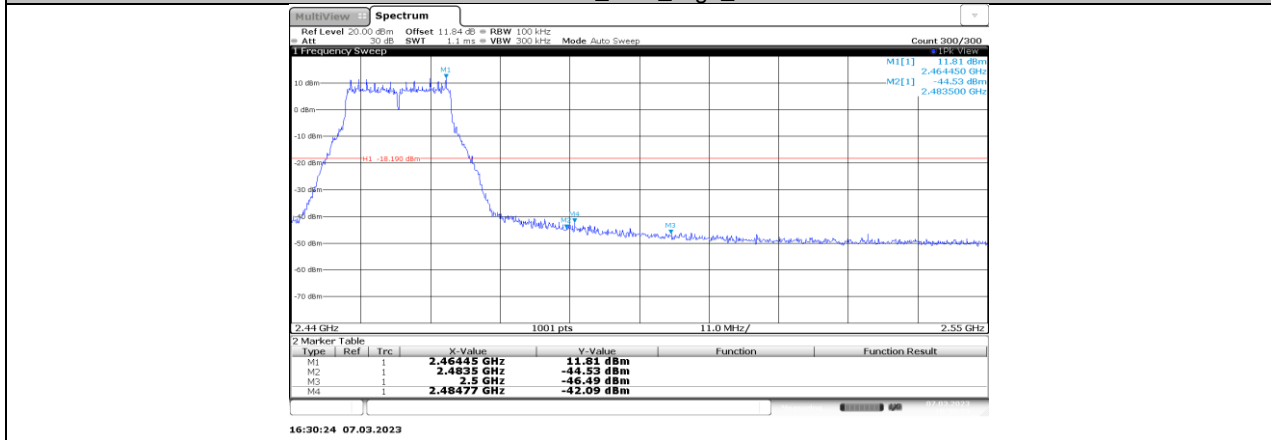
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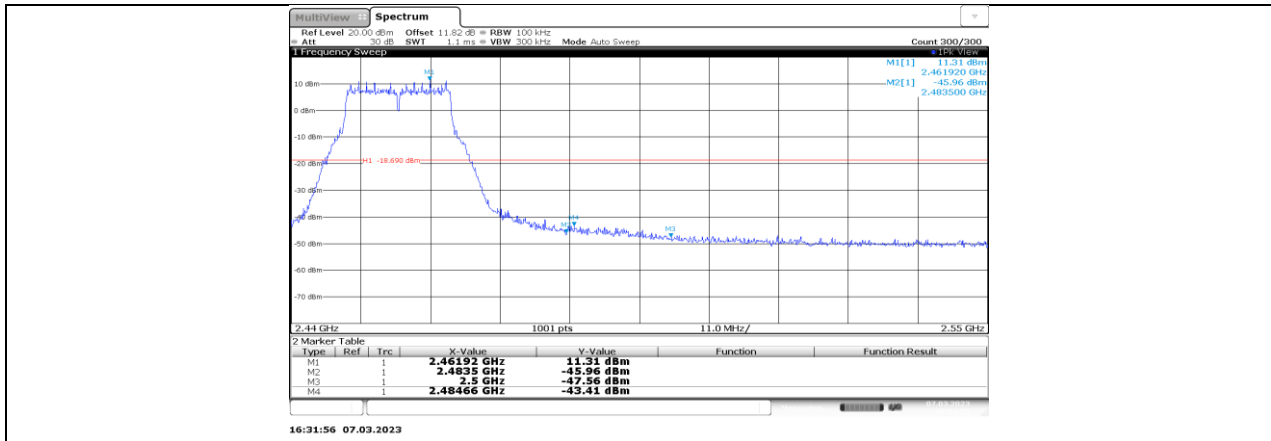
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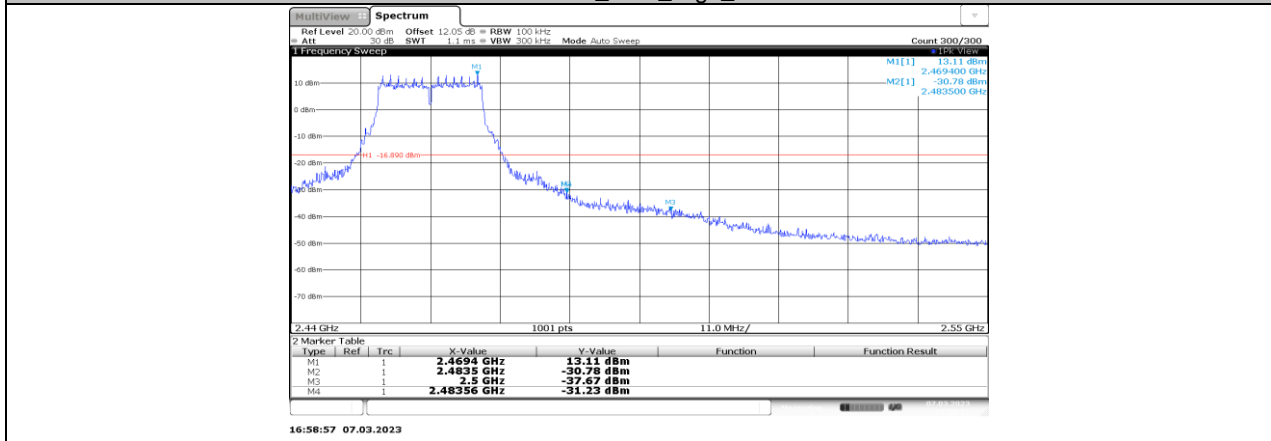
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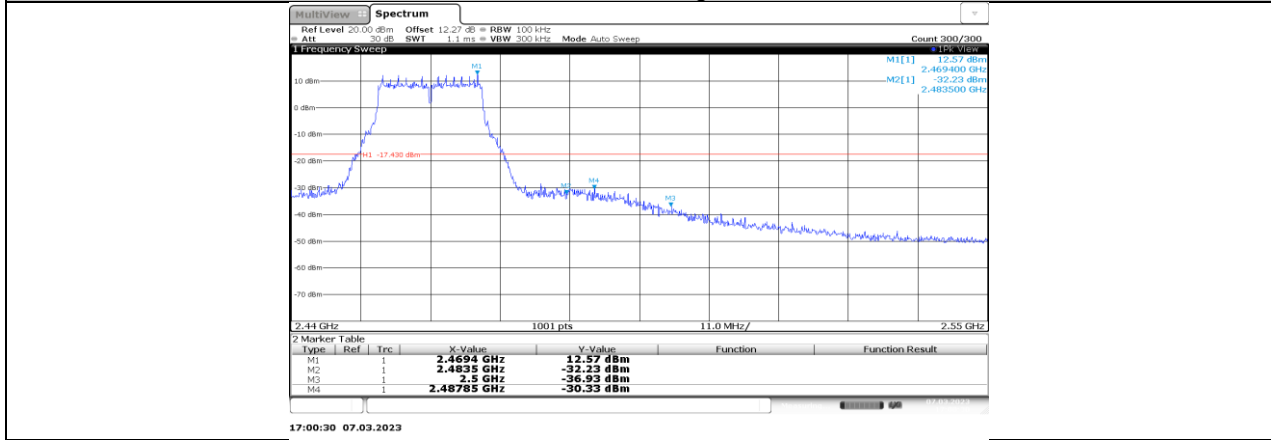
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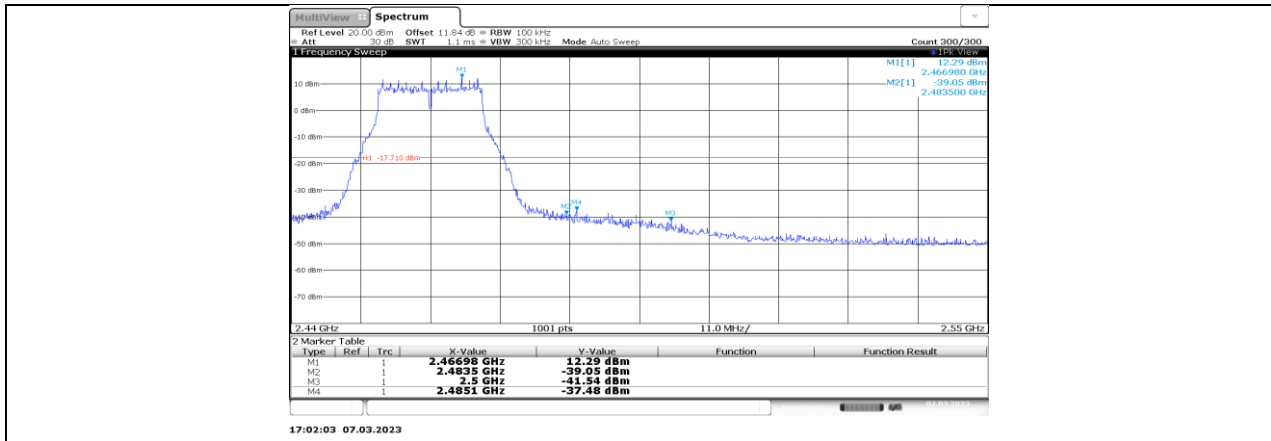
11G-CDD_Ant5_High_2462

11G-CDD_Ant7_High_2462

11AX20MIMO_Ant1_Low_2412

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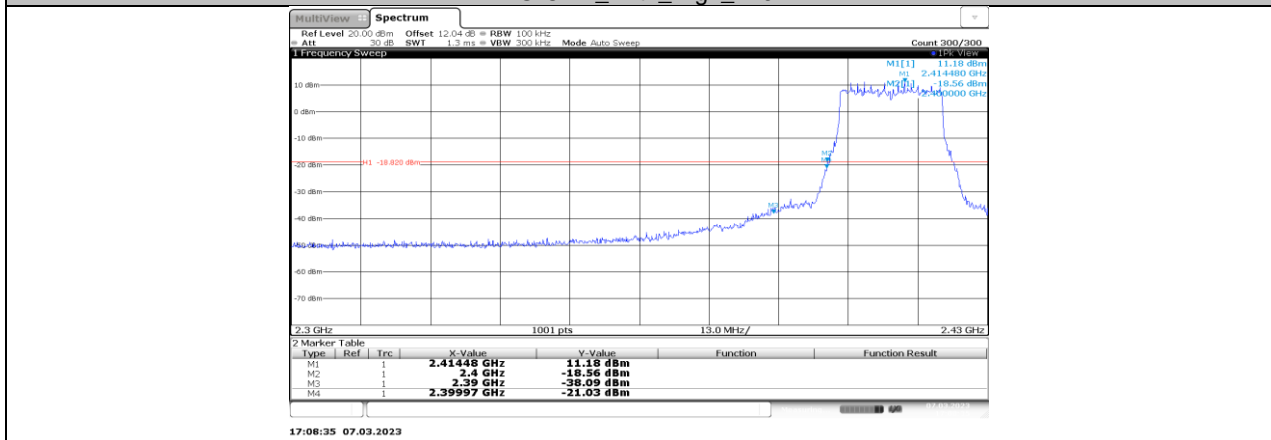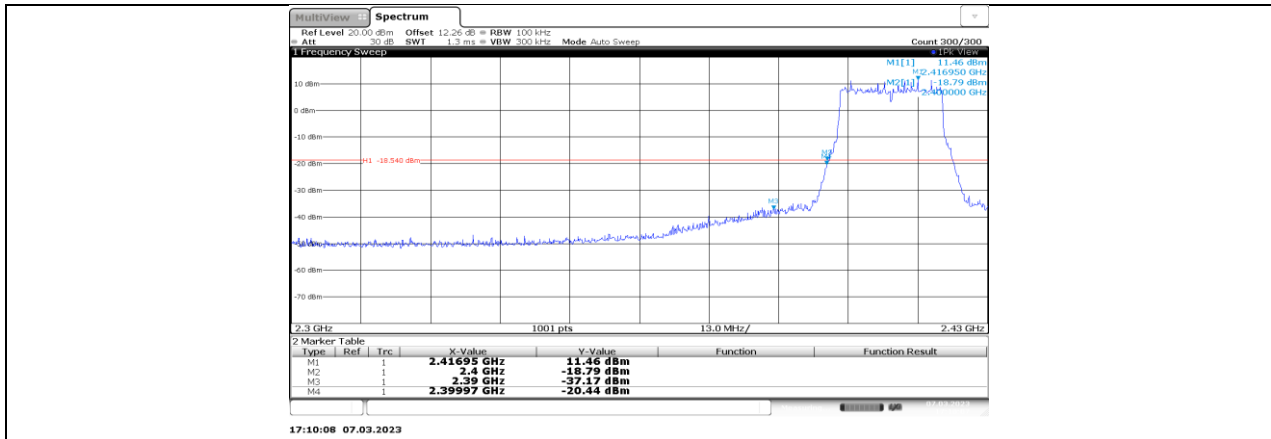
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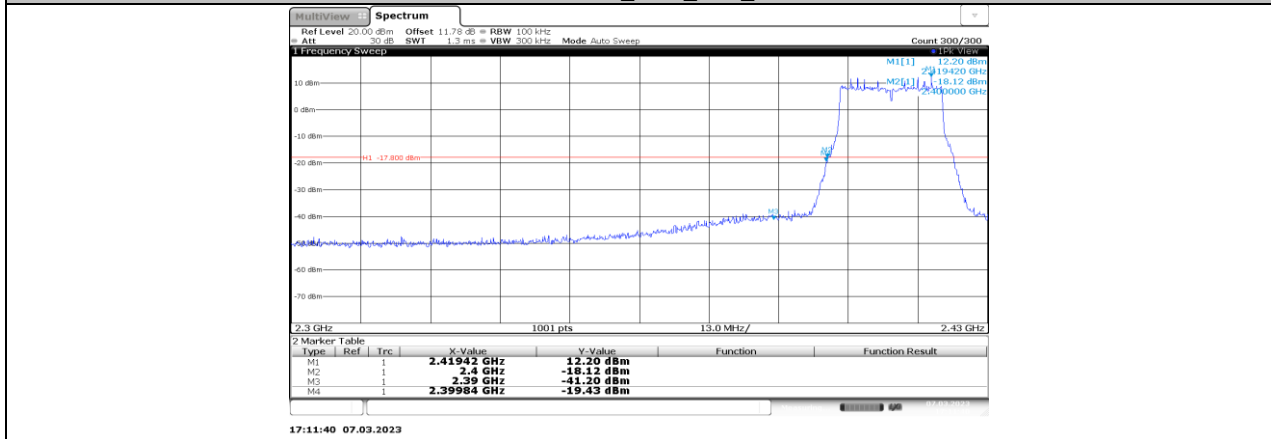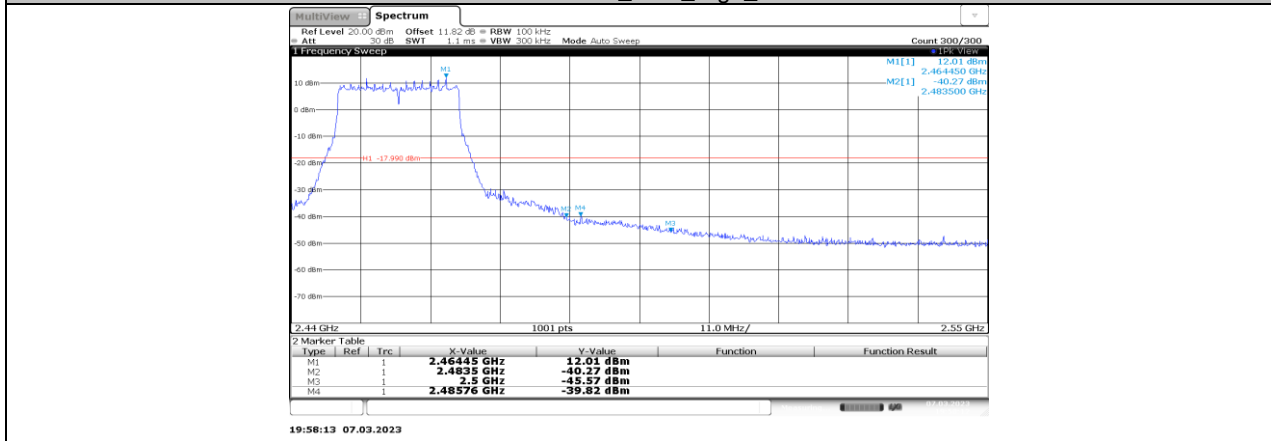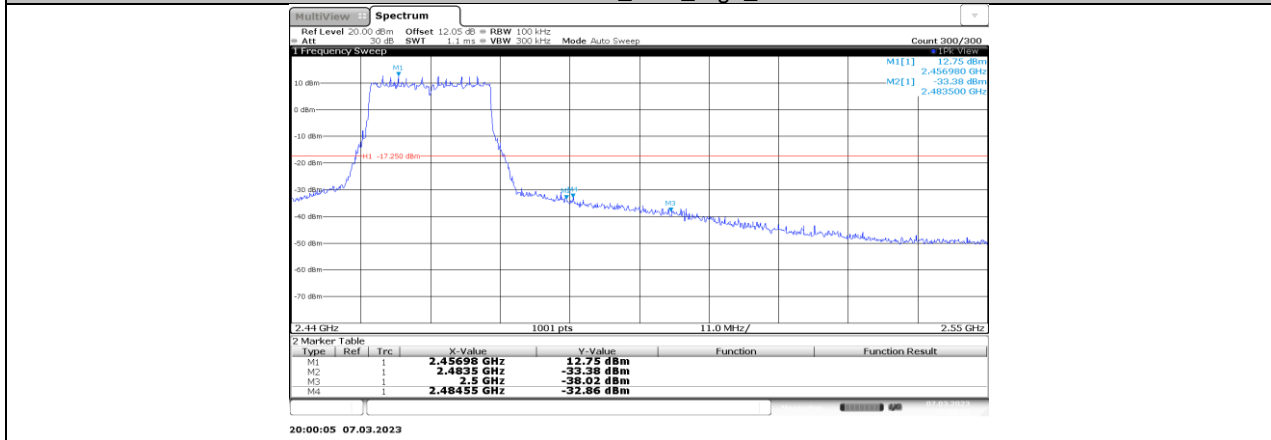

11AX20MIMO_Ant5_Low_2412

11AX20MIMO_Ant7_Low_2412

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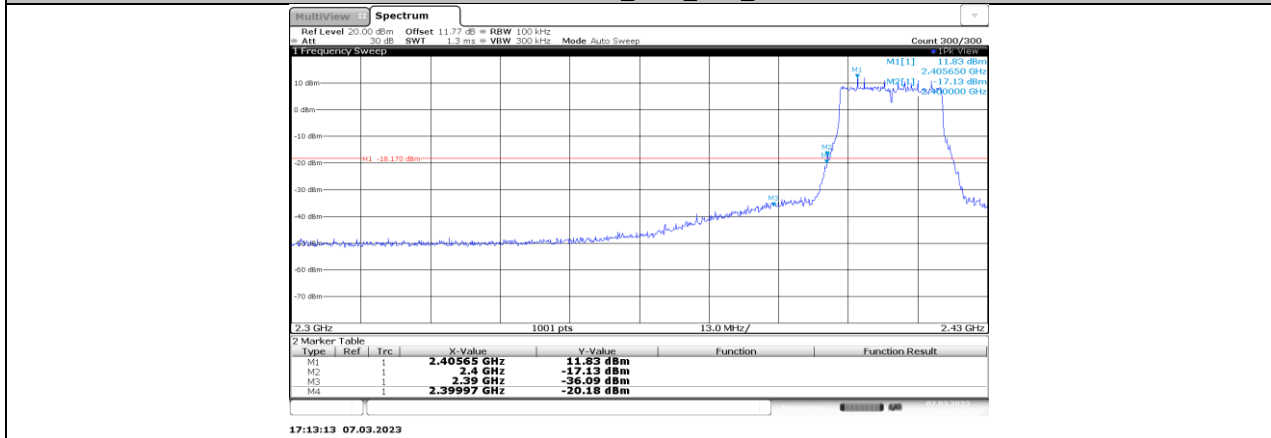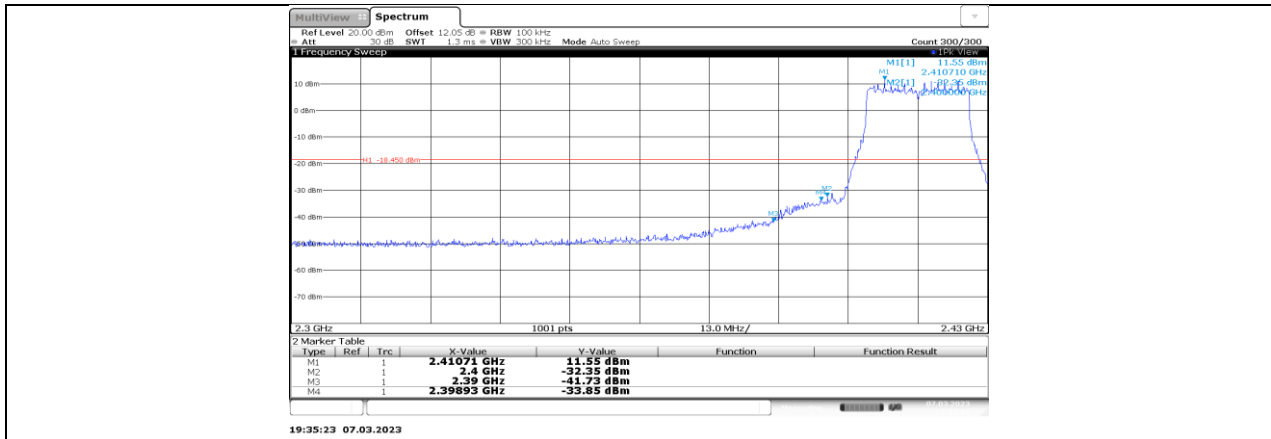
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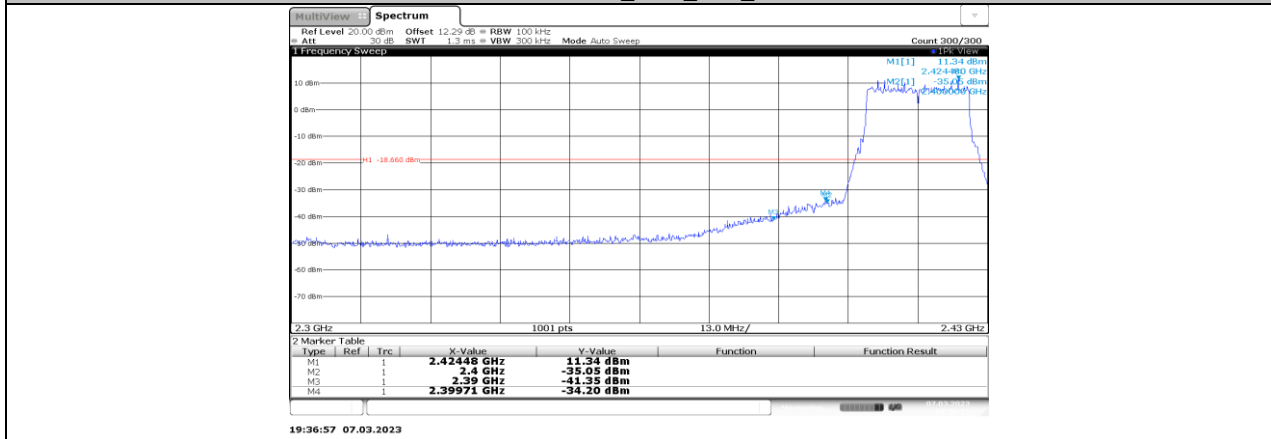
11AX20MIMO_Ant3_Low_2417

11AX20MIMO_Ant5_Low_2417

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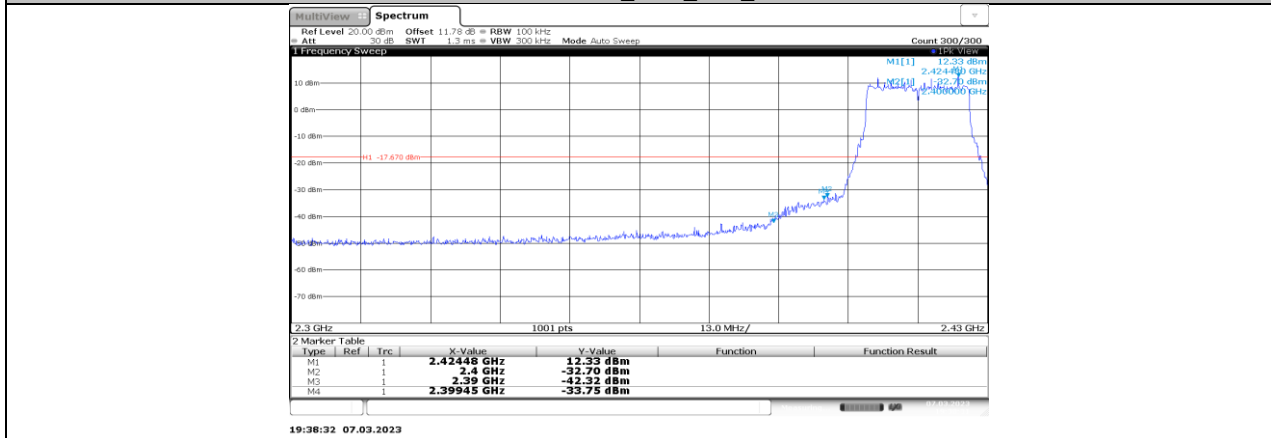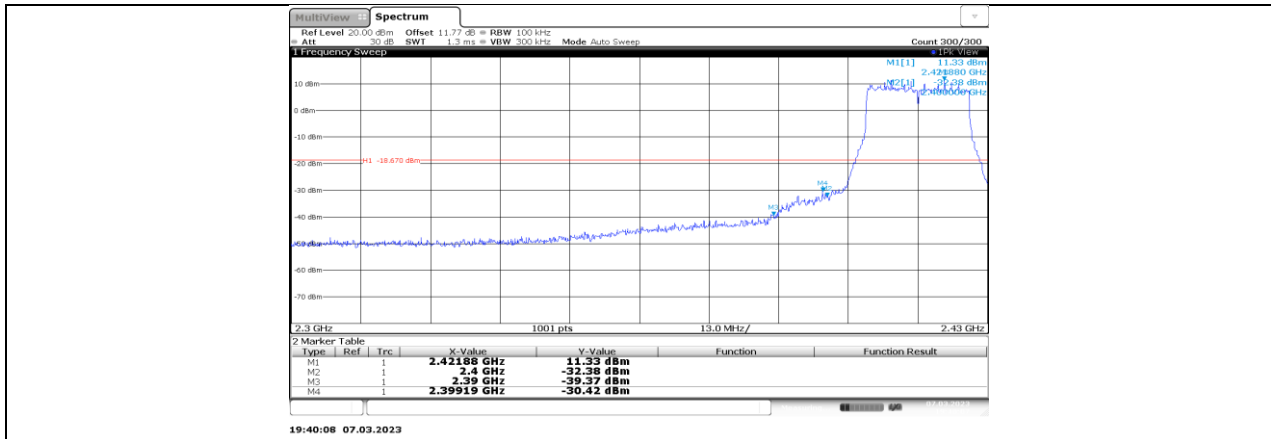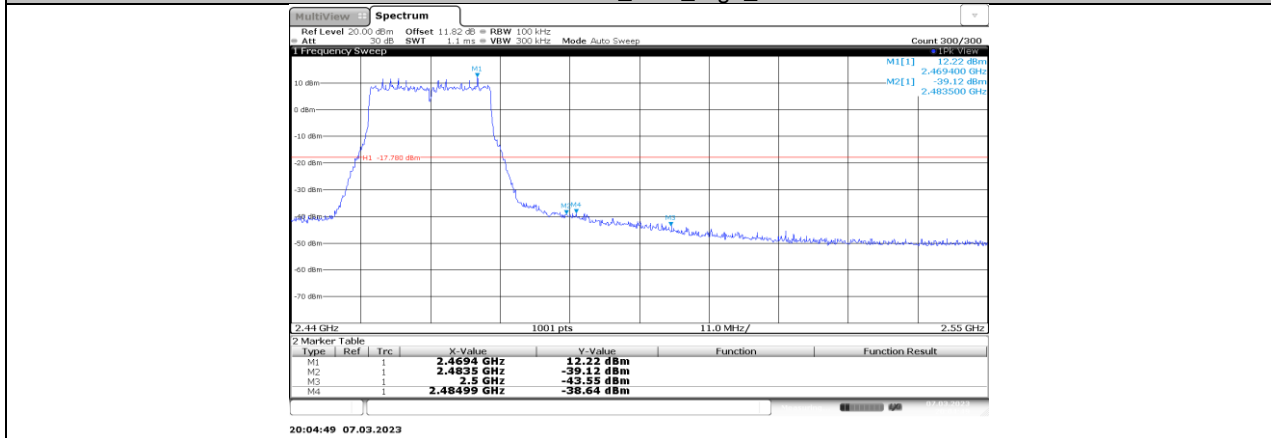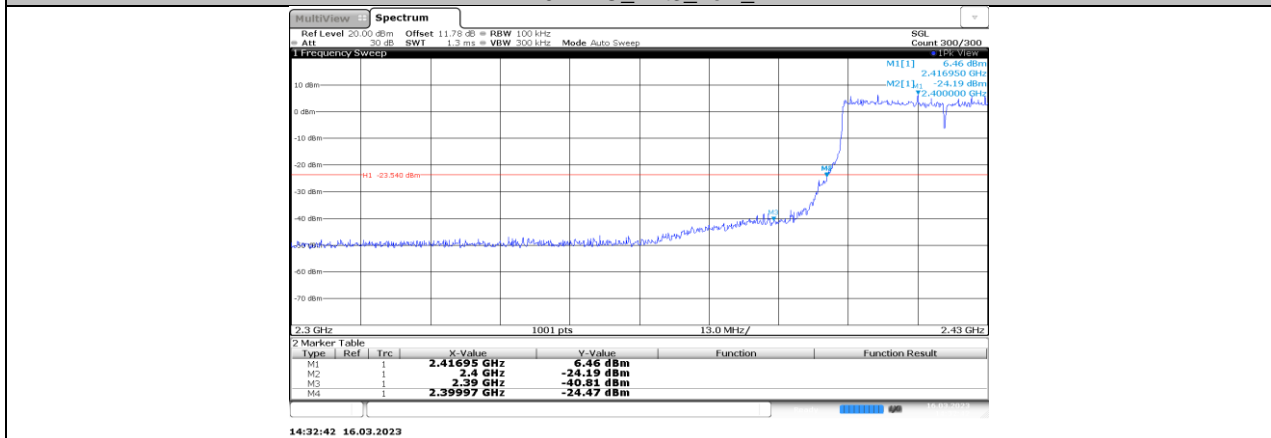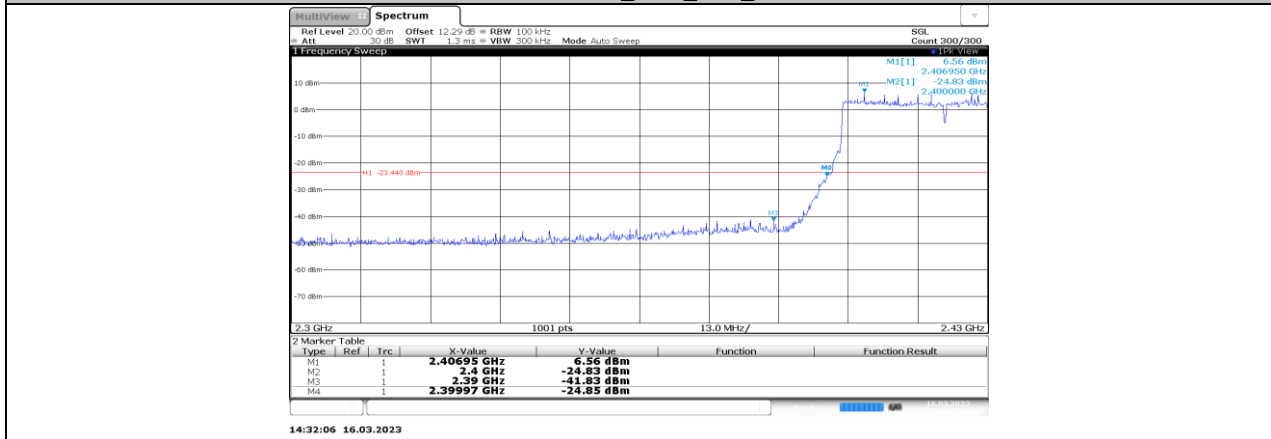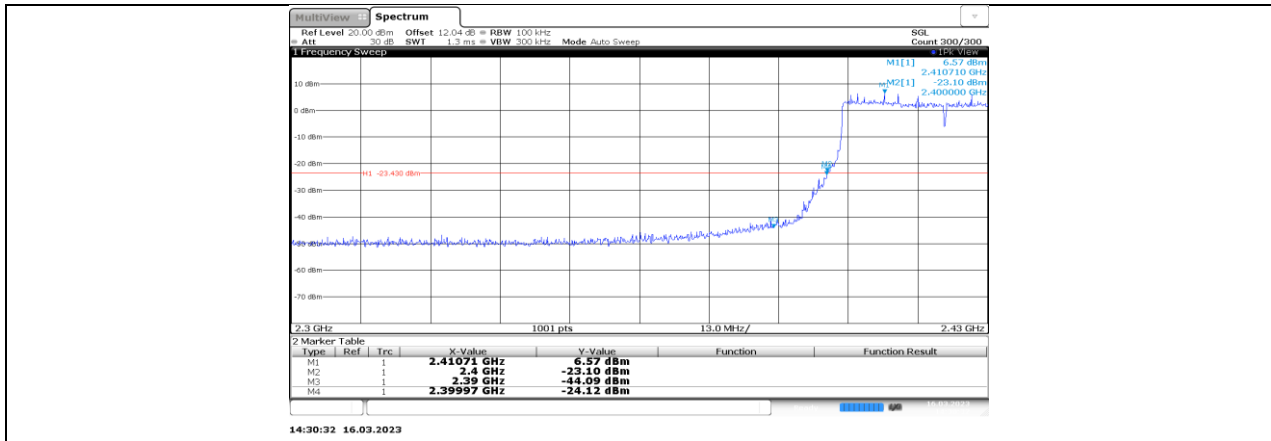
11AX20MIMO_Ant7_Low_2417
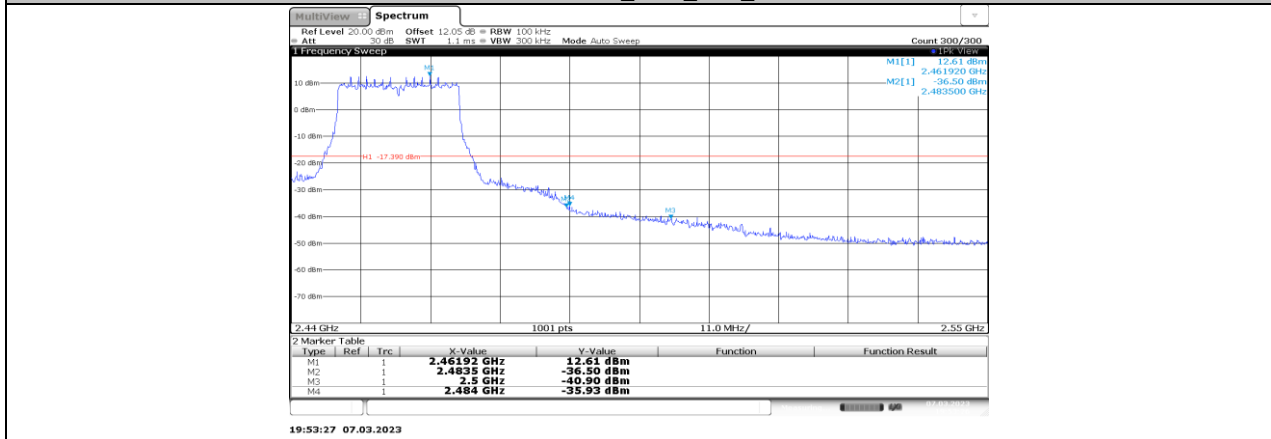
11AX20MIMO_Ant1_High_2457

11AX20MIMO_Ant3_High_2457

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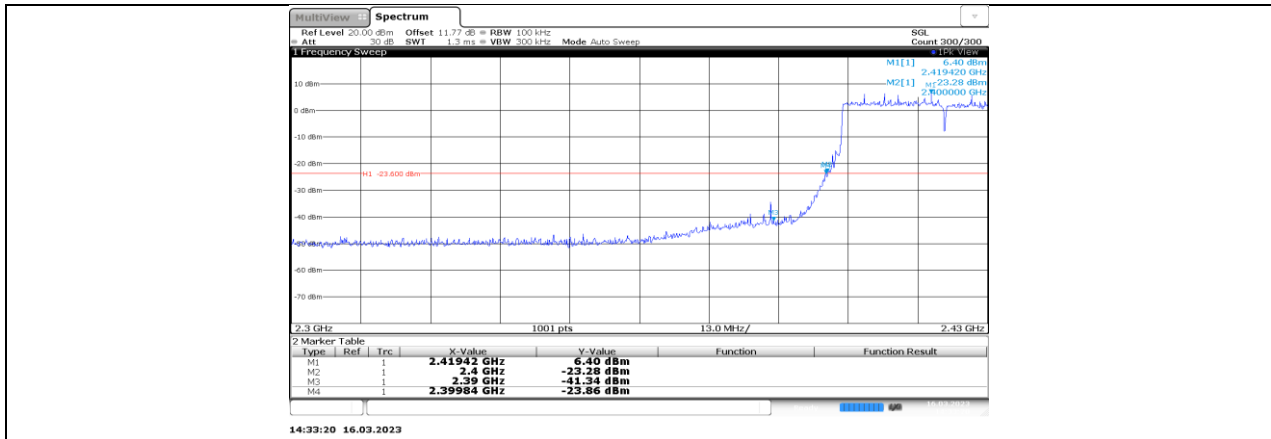
UL Solutions
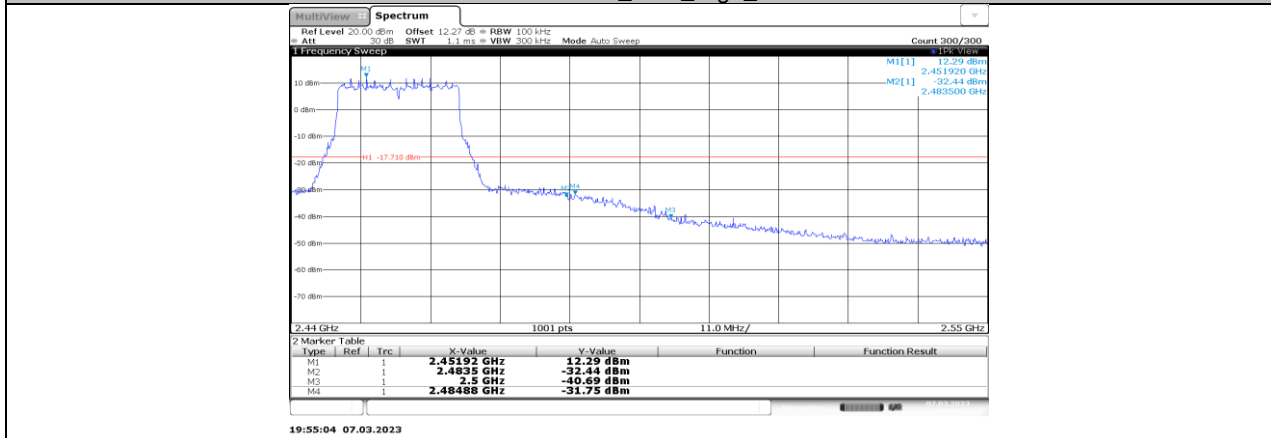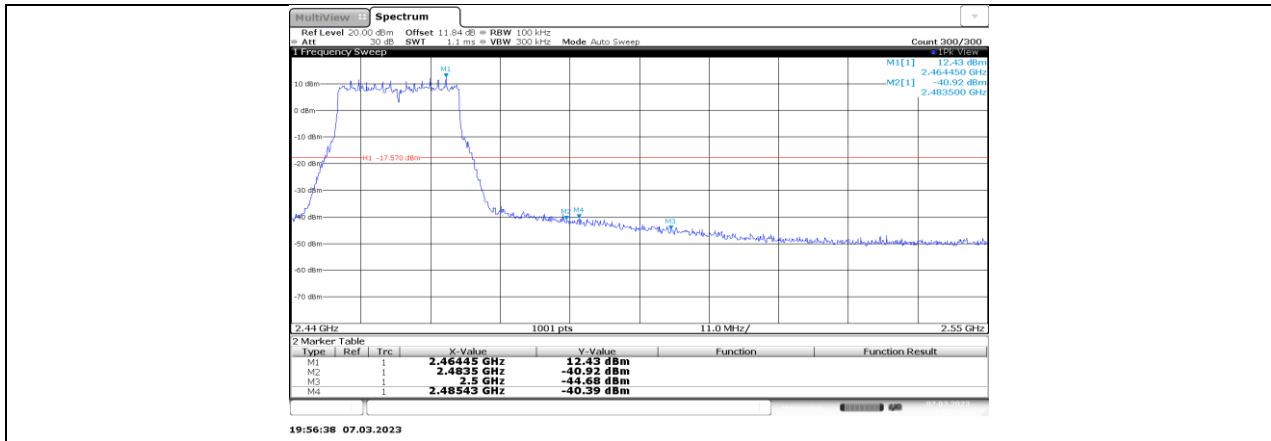
11AX20MIMO_Ant5_High_2457

11AX20MIMO_Ant7_High_2457

11AX20MIMO_Ant1_High_2462

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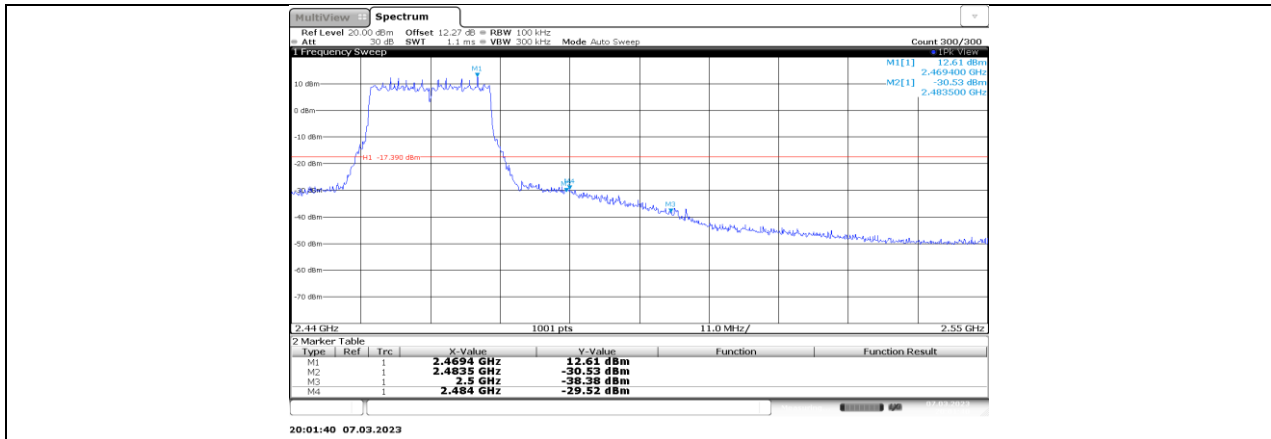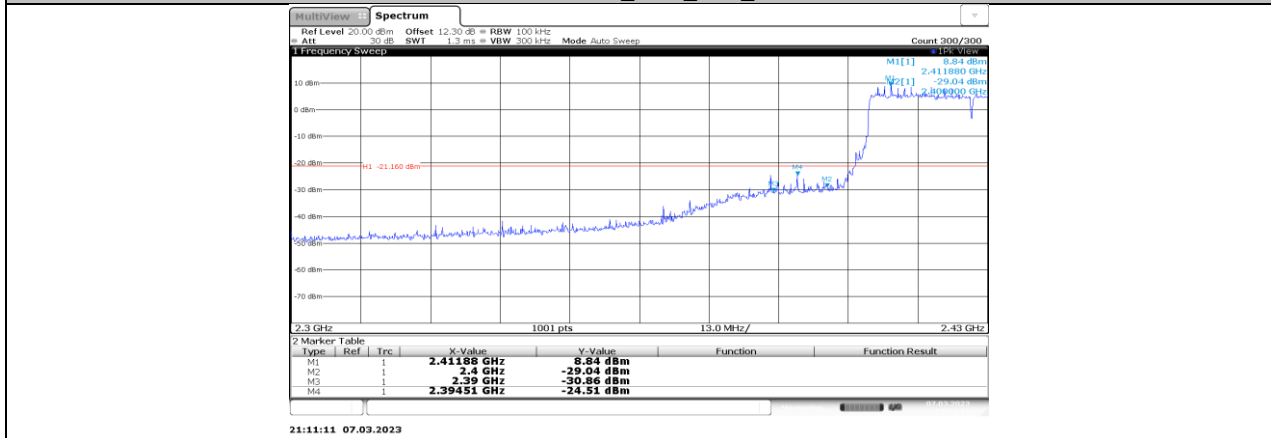
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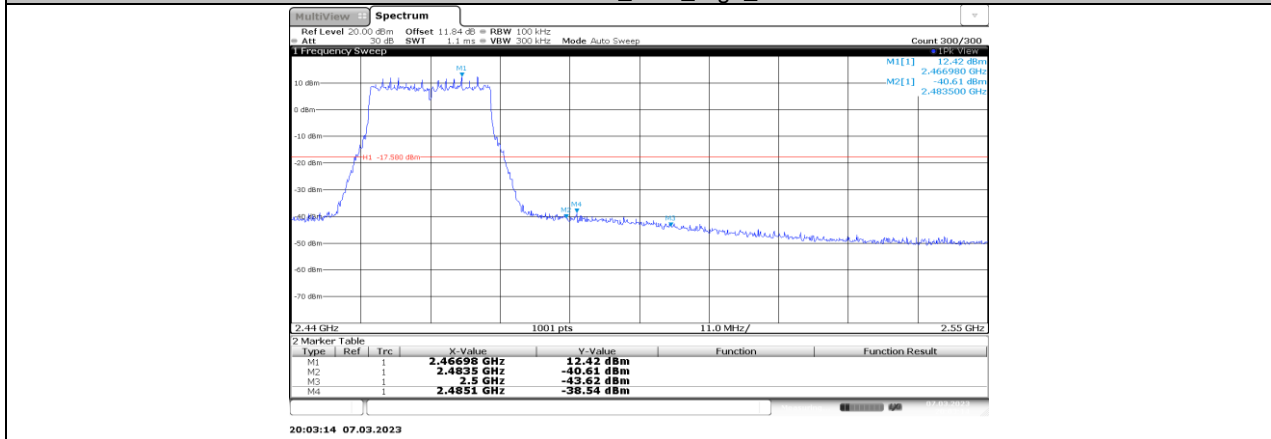
11AX20MIMO_Ant5_High_2462

11AX20MIMO_Ant7_High_2462

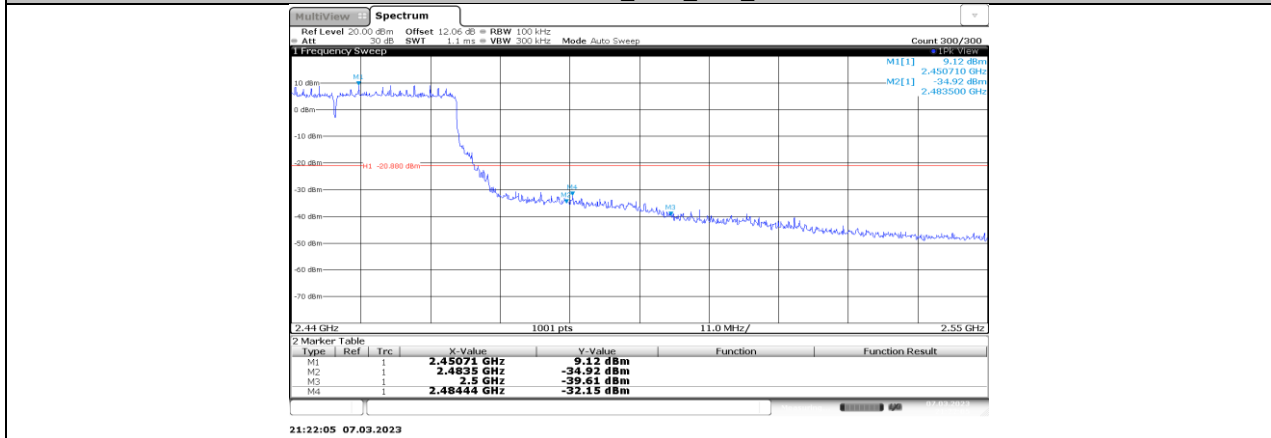11AX40MIMO_Ant1_Low_2422

11AX40MIMO_Ant3_Low_2422

11AX40MIMO_Ant5_Low_2422

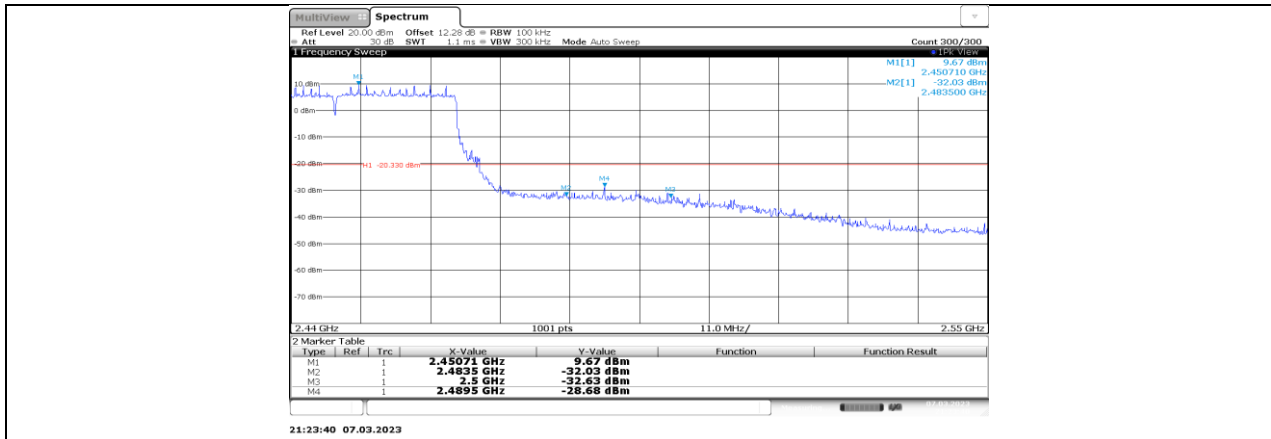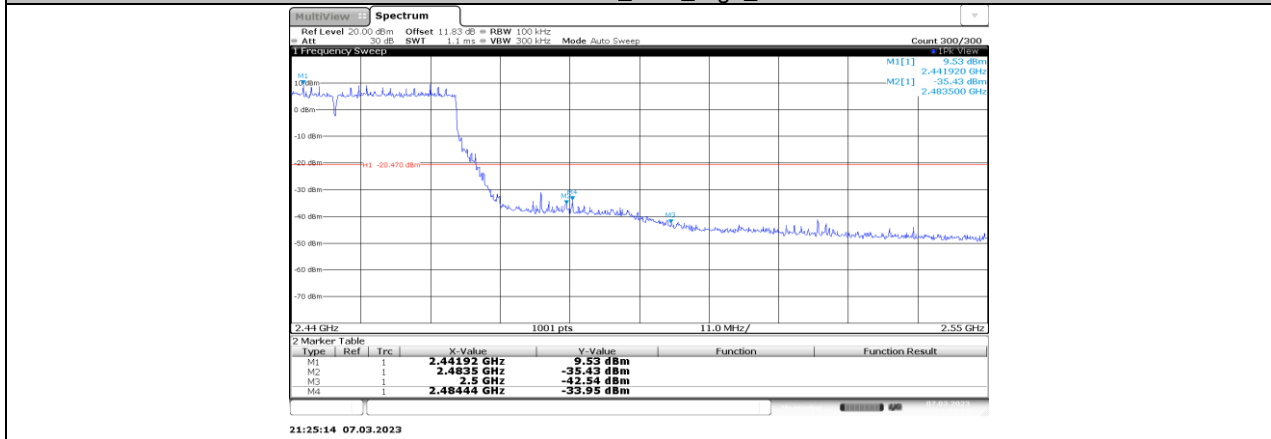UL Verification Services (Guangzhou) Co., Ltd, Song Shan Lake Branch   FORM NO: 10-SL-F0035

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11AX40MIMO_Ant7_Low_2422
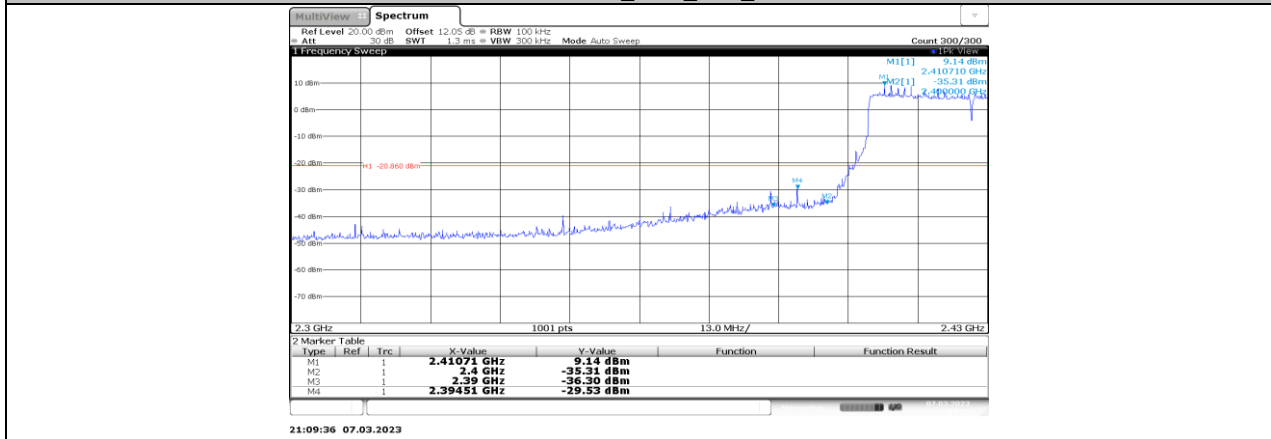
11AX40MIMO_Ant1_Low_2427

11AX40MIMO_Ant3_Low_2427
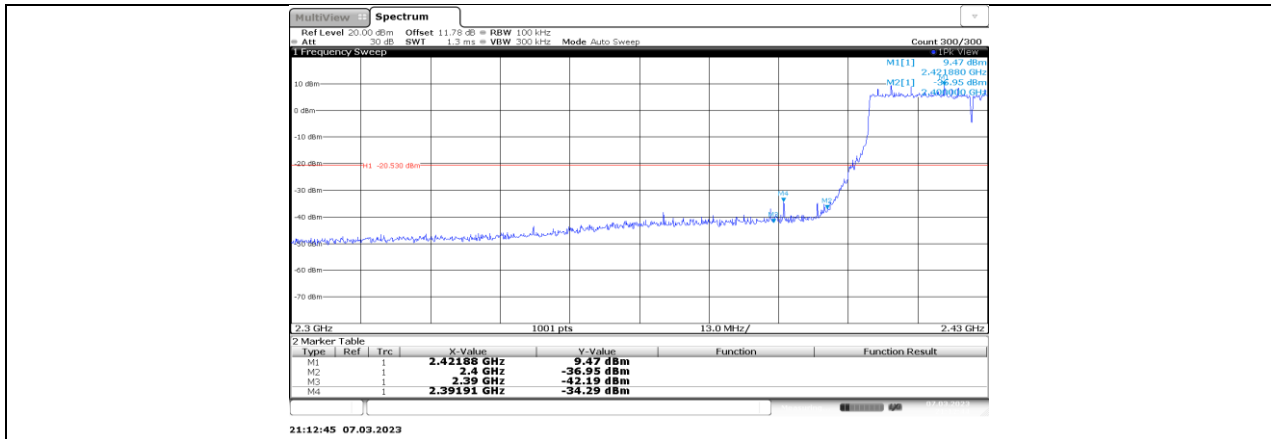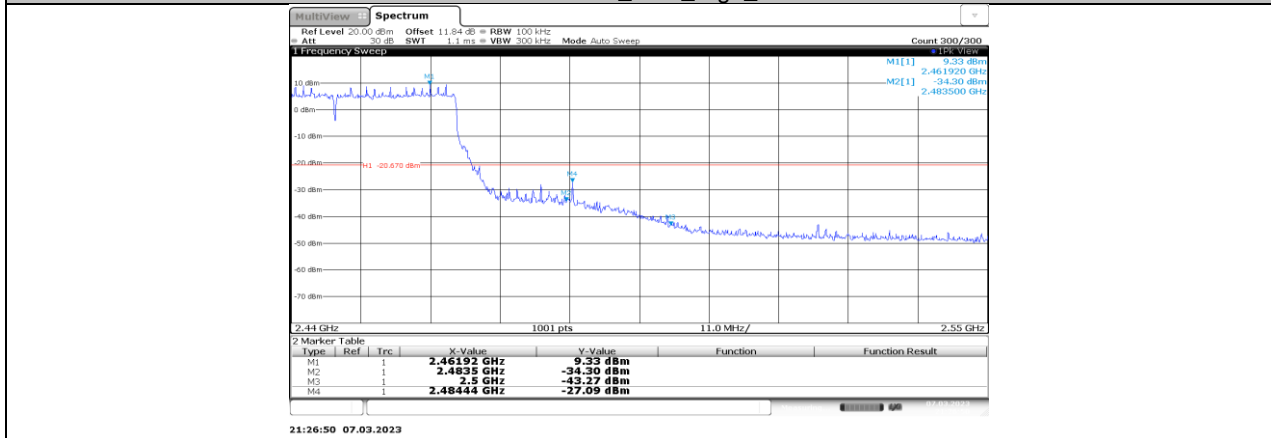
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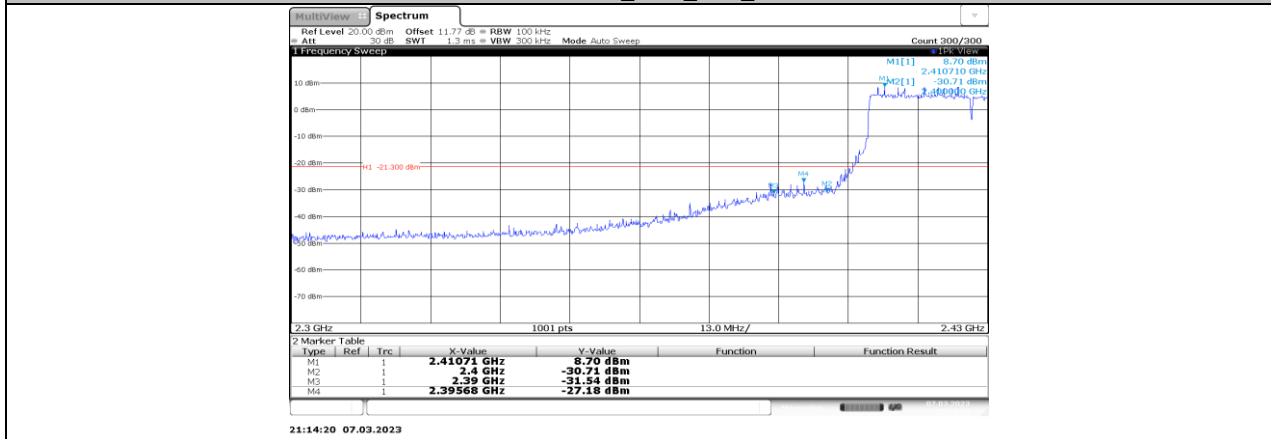
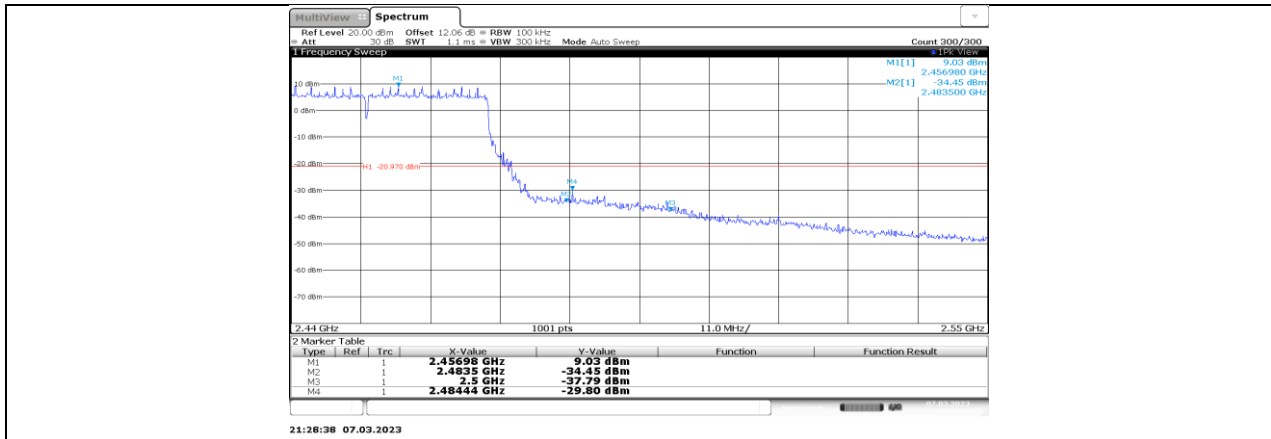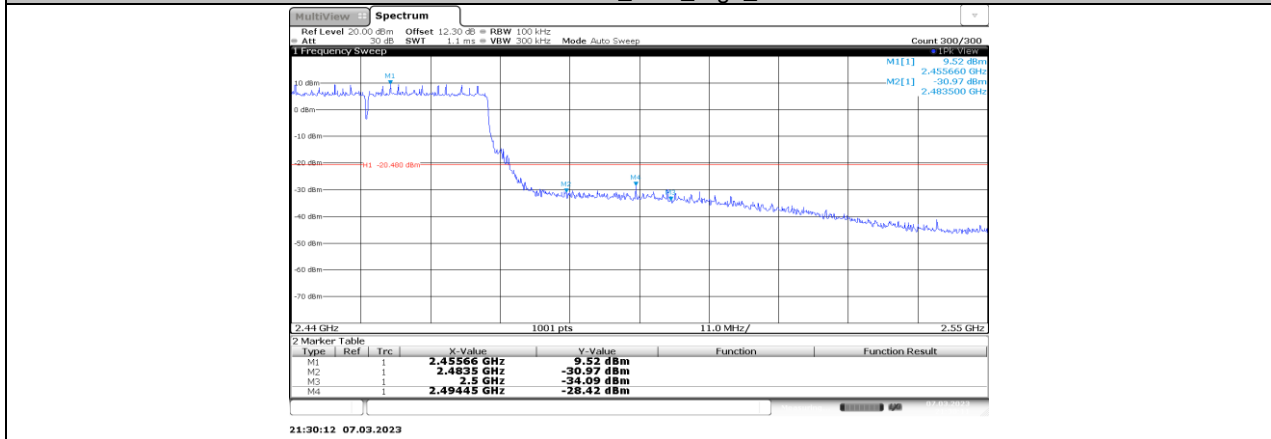11AX40MIMO_Ant7_Low_2427

11AX40MIMO_Ant1_High_2447

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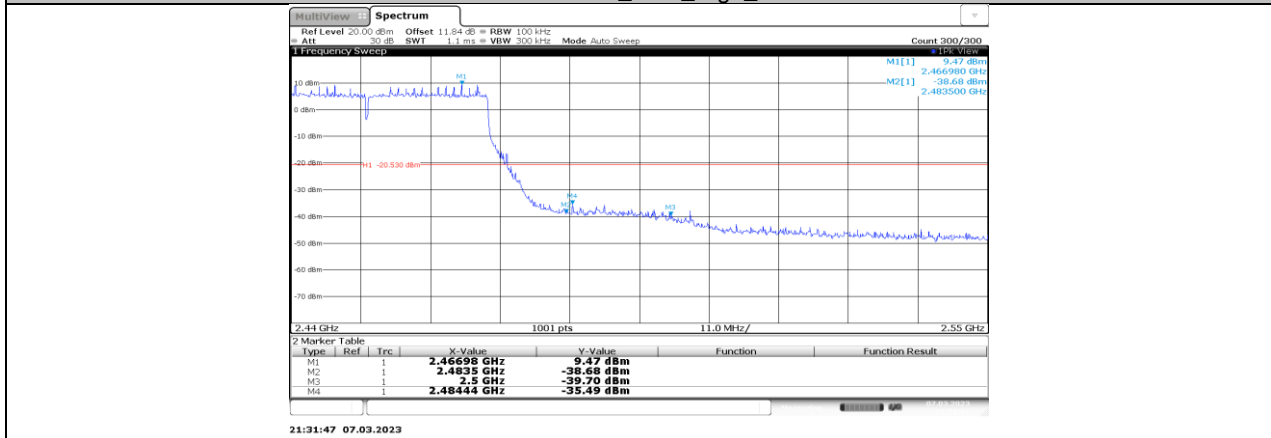
11AX40MIMO_Ant3_High_2447

11AX40MIMO_Ant5_High_2447
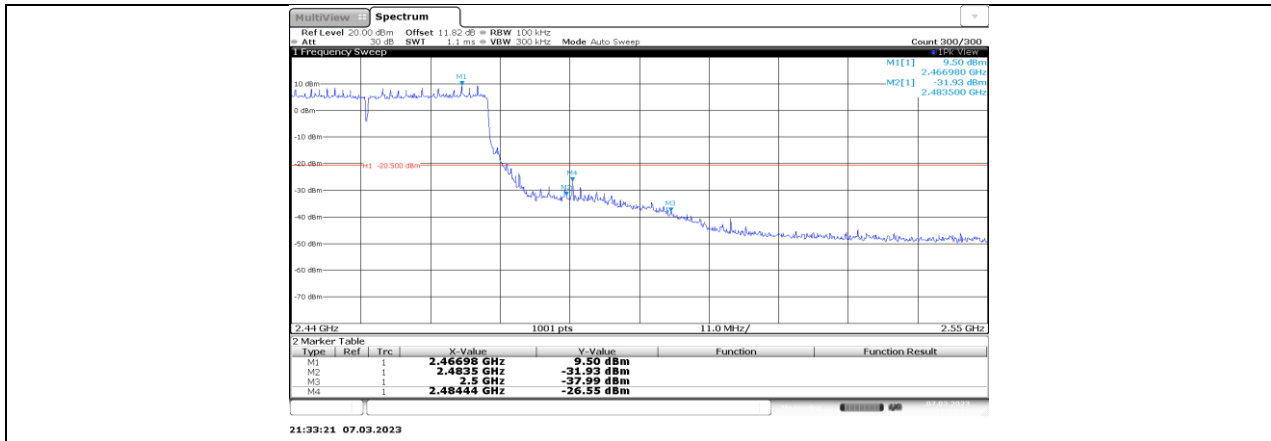

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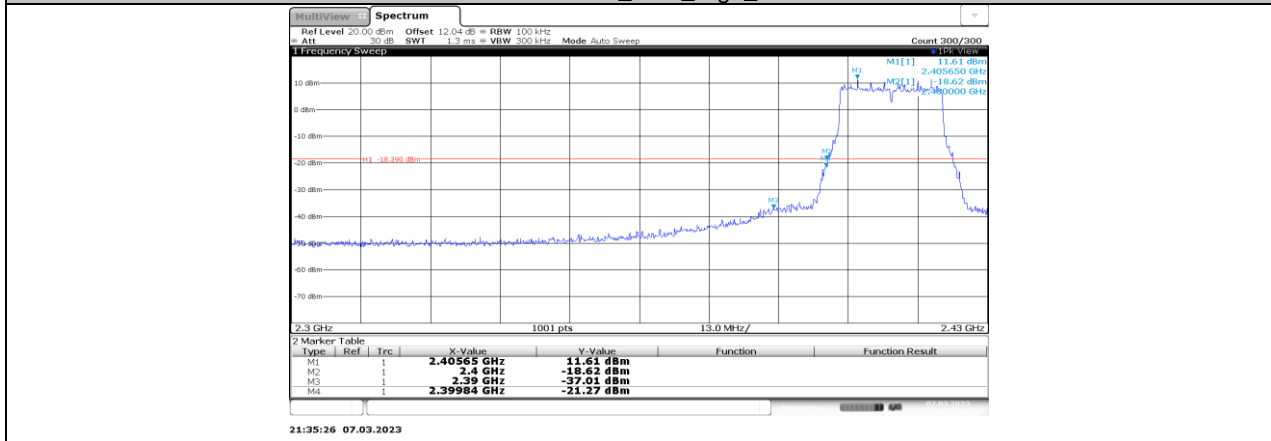
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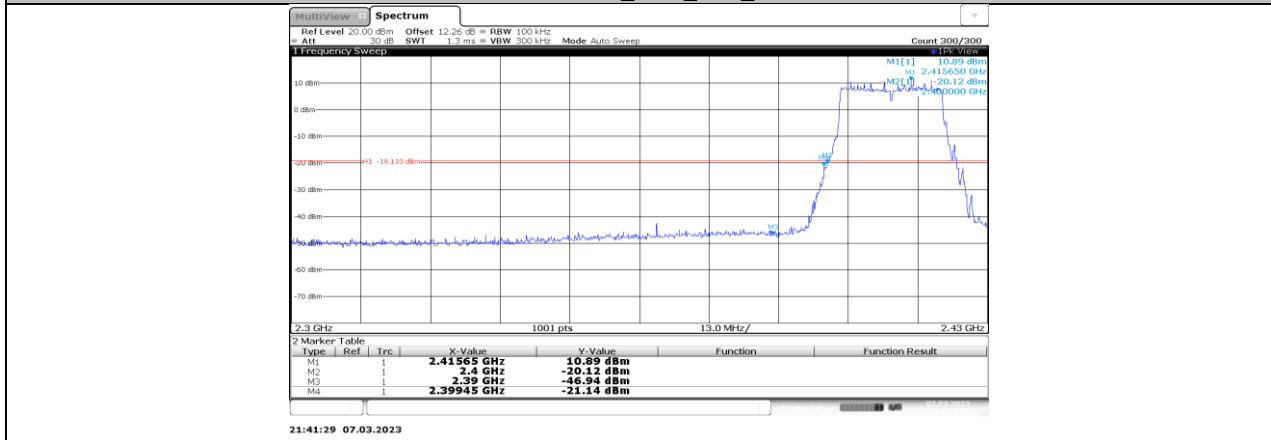

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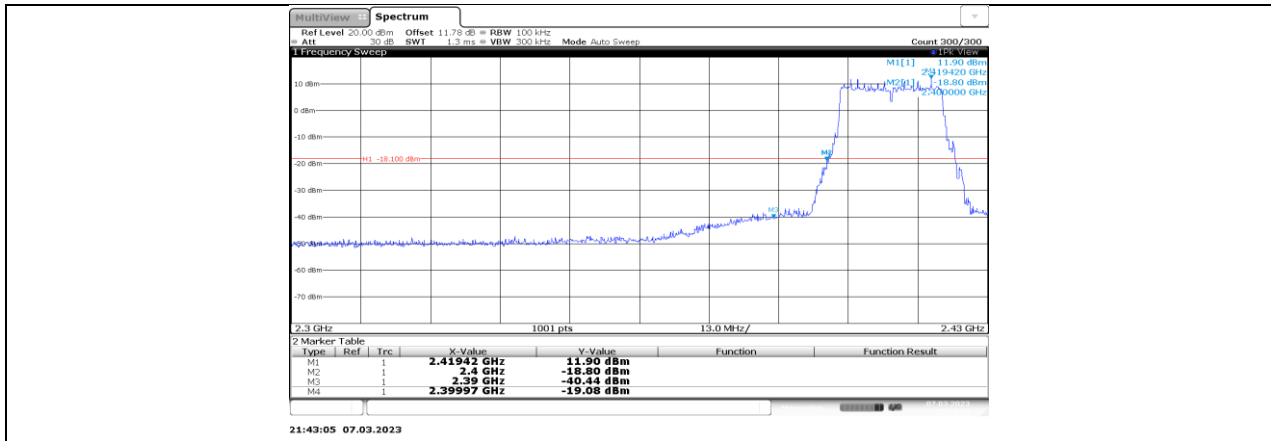

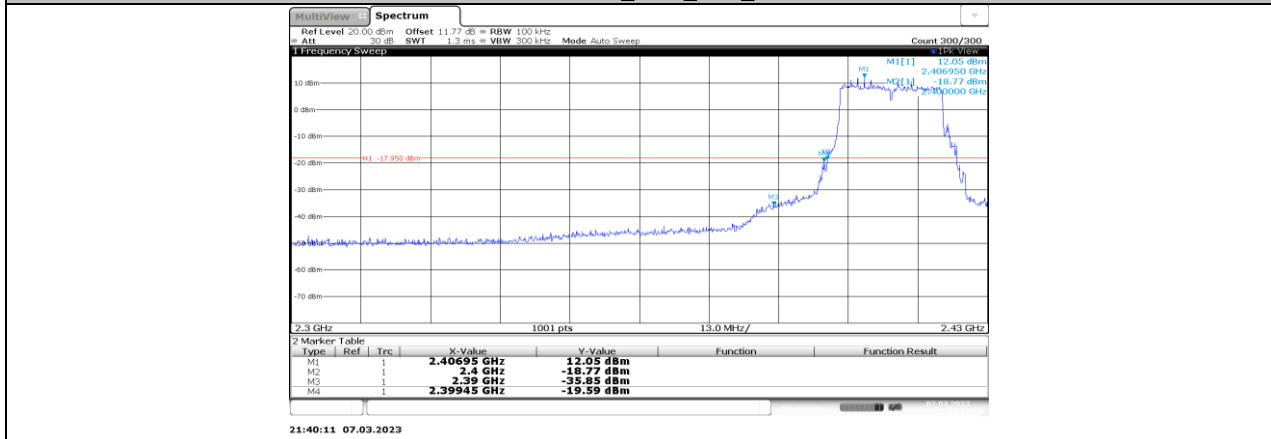11AX40MIMO_Ant5_High_2452

11AX40MIMO_Ant7_High_2452

11BE20MIMO_Ant1_Low_2412

11BE20MIMO_Ant3_Low_2412

11BE20MIMO_Ant5_Low_2412

11BE20MIMO_Ant7_Low_2412

11BE20MIMO_Ant1_Low_2417

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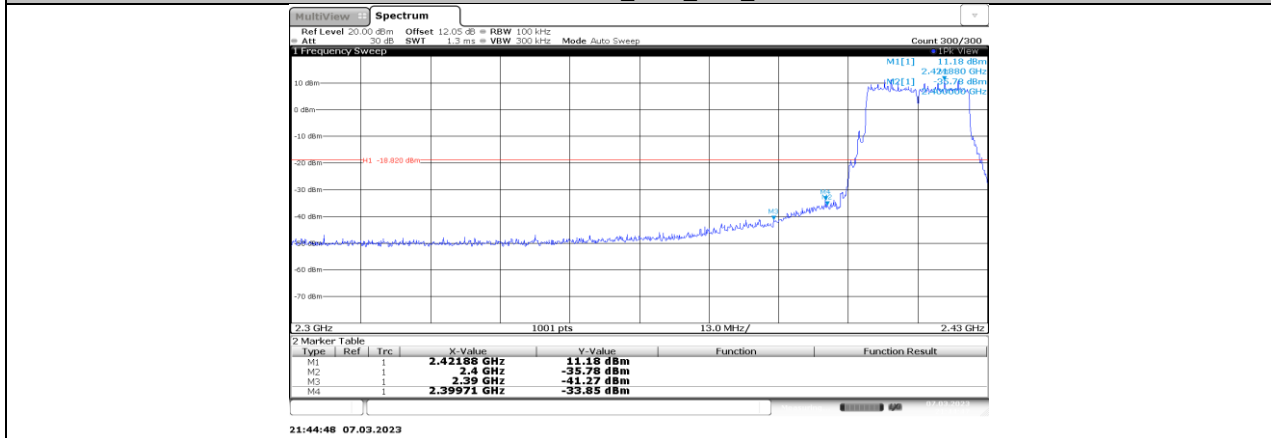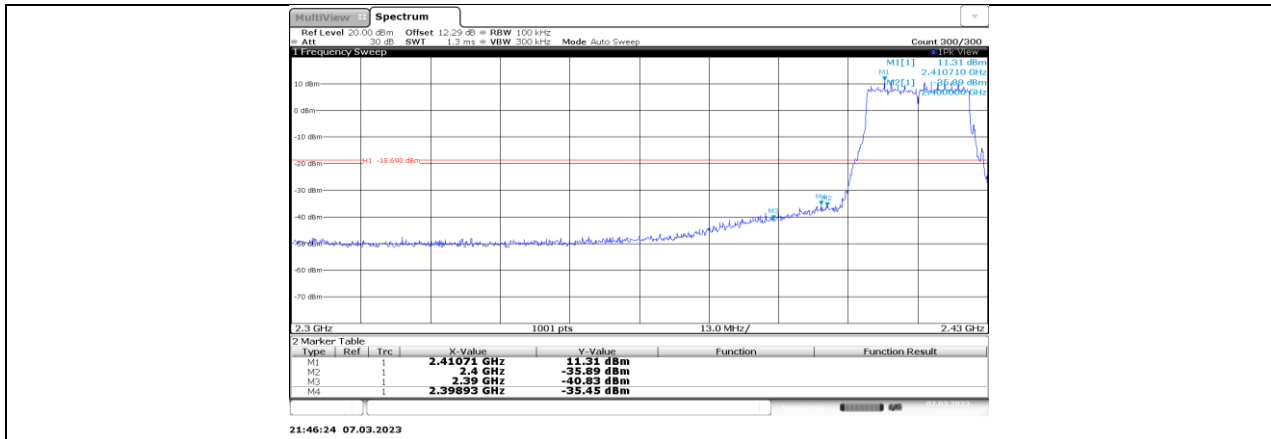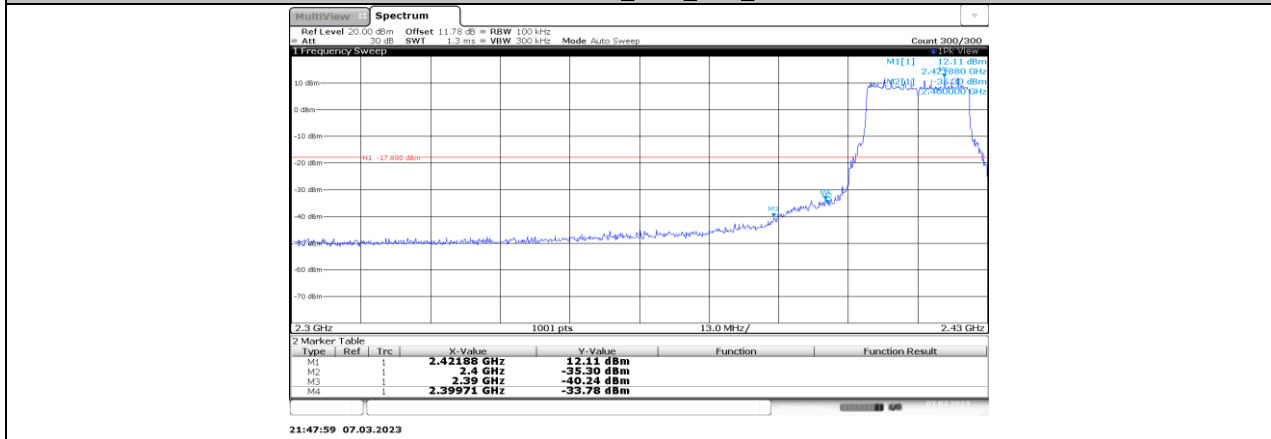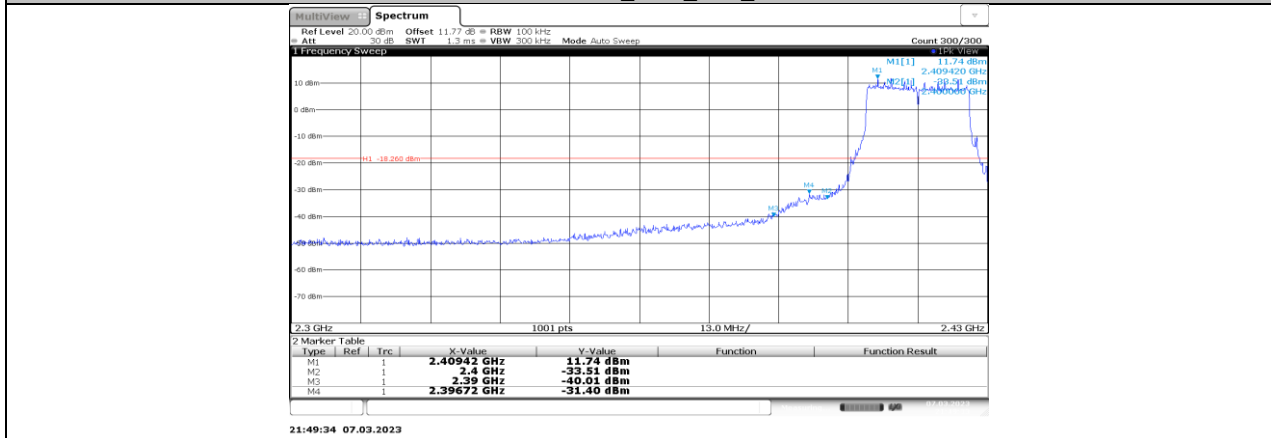
11BE20MIMO_Ant3_Low_2417

11BE20MIMO_Ant5_Low_2417

11BE20MIMO_Ant7_Low_2417

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