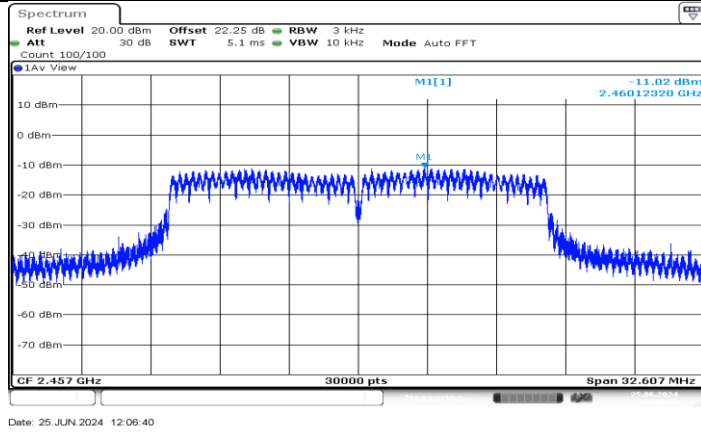
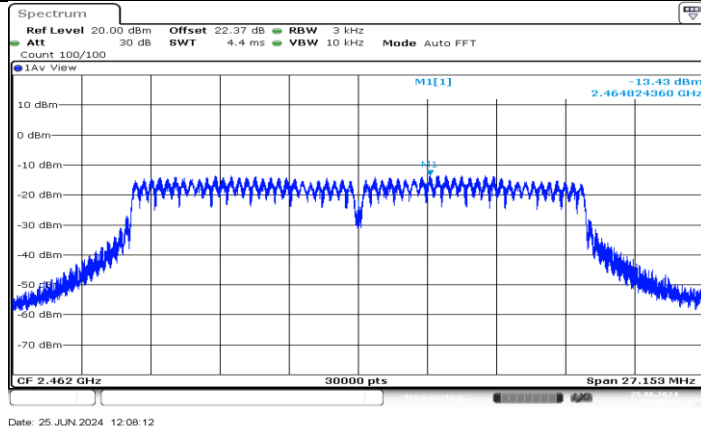
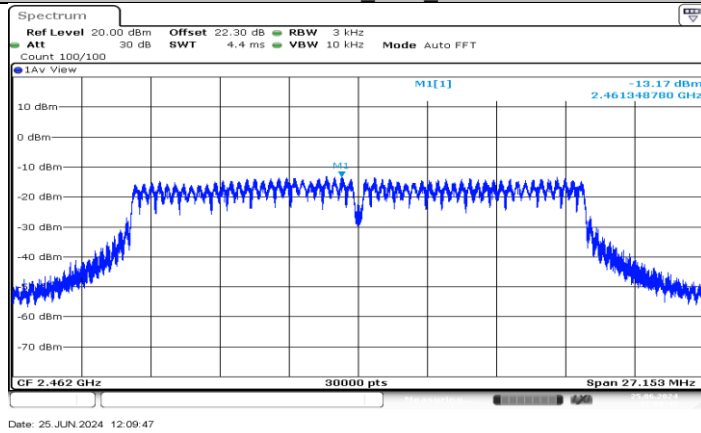




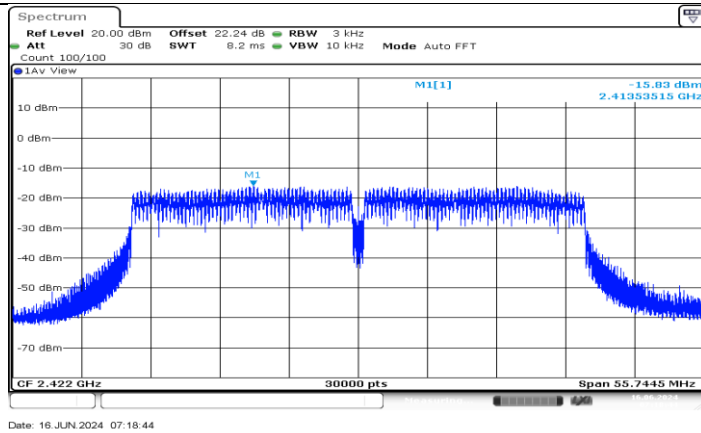
11N20MIMO_Ant4_2457



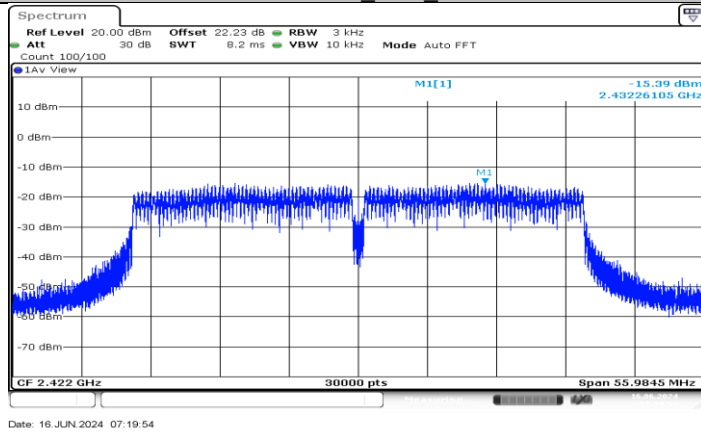
11N20MIMO_Ant3_2462



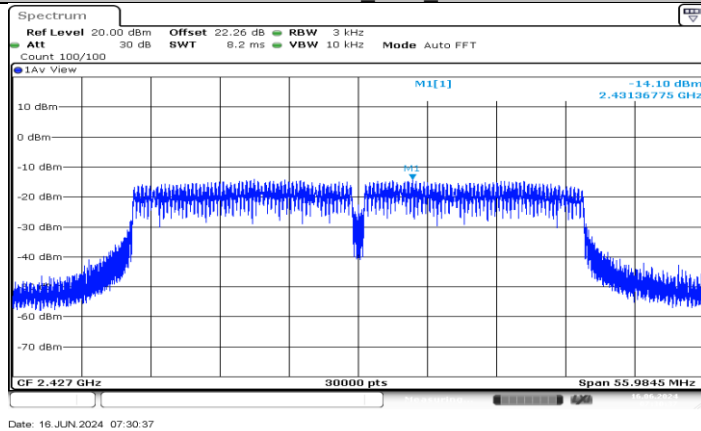
11N20MIMO_Ant4_2462



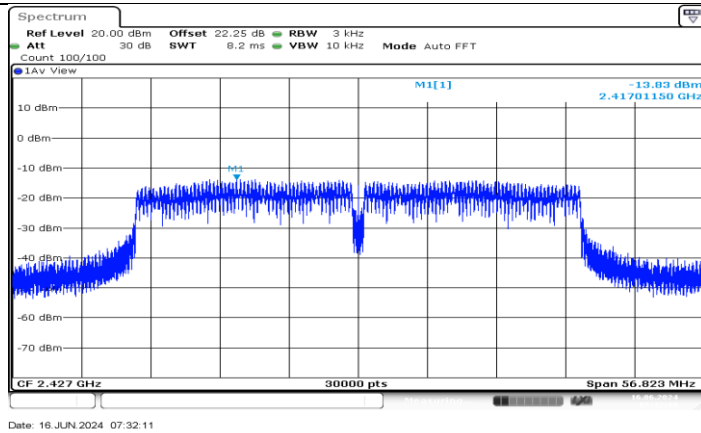
11N40MIMO_Ant3_2422



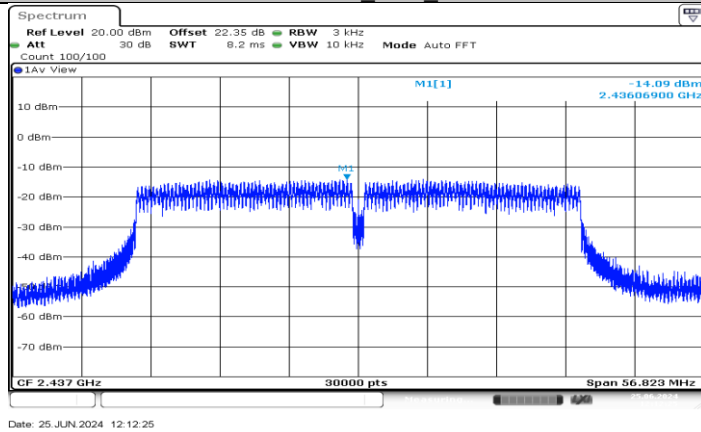
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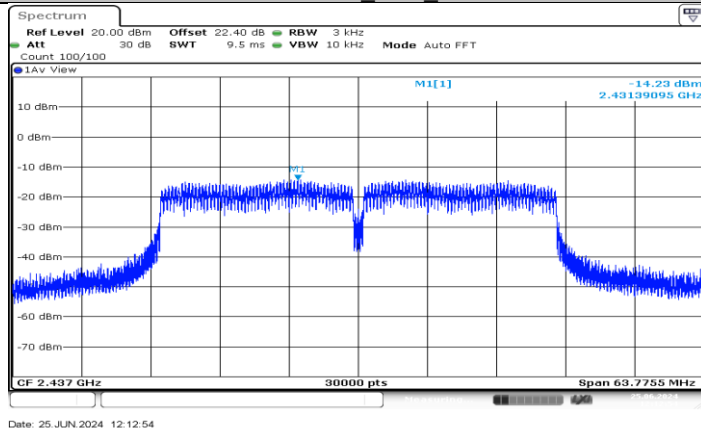
11N40MIMO_Ant3_2427



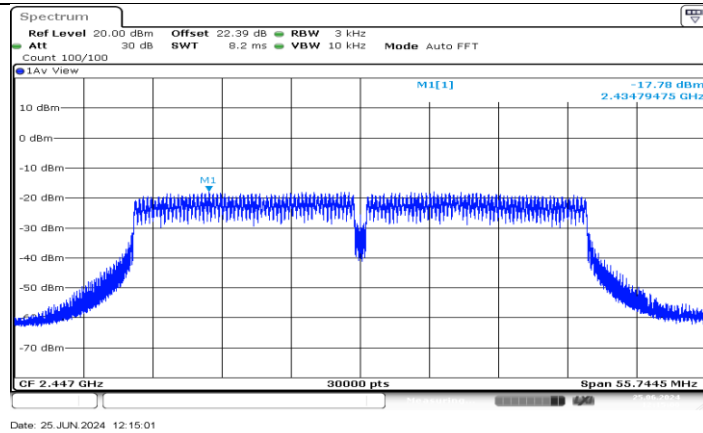
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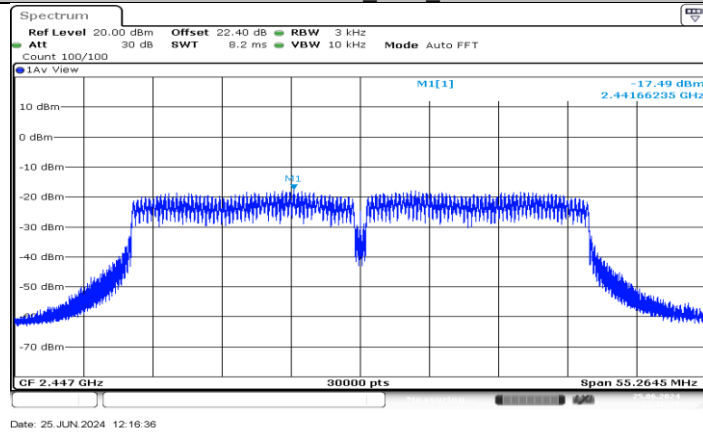
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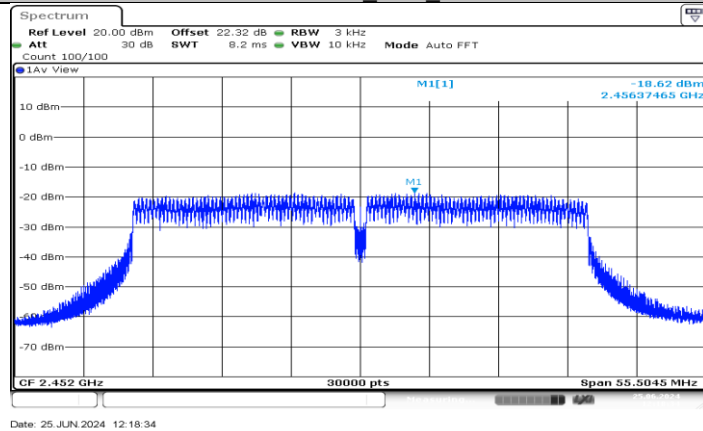
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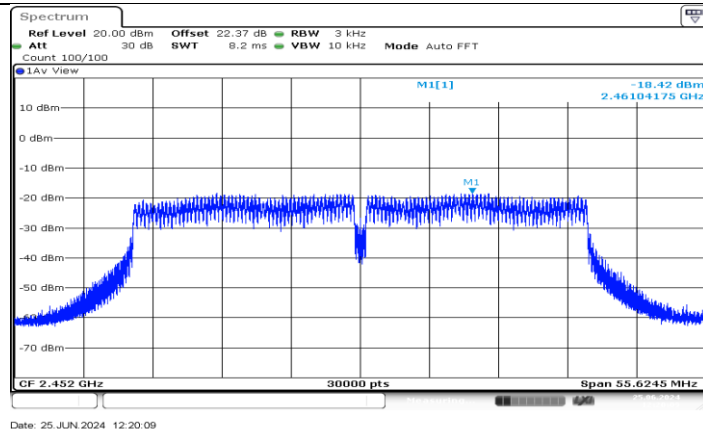
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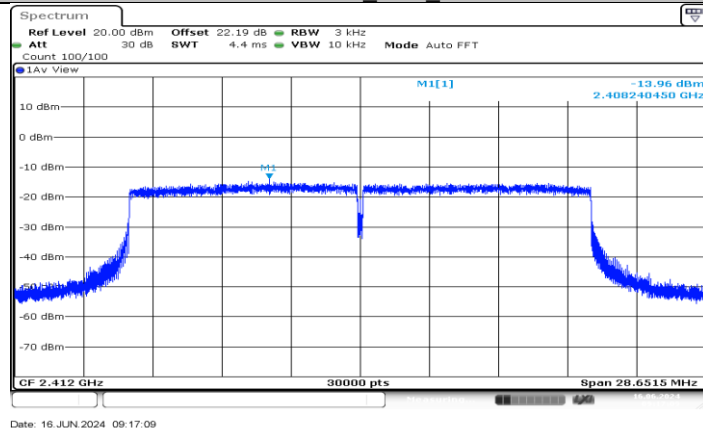
11N40MIMO_Ant4_2447



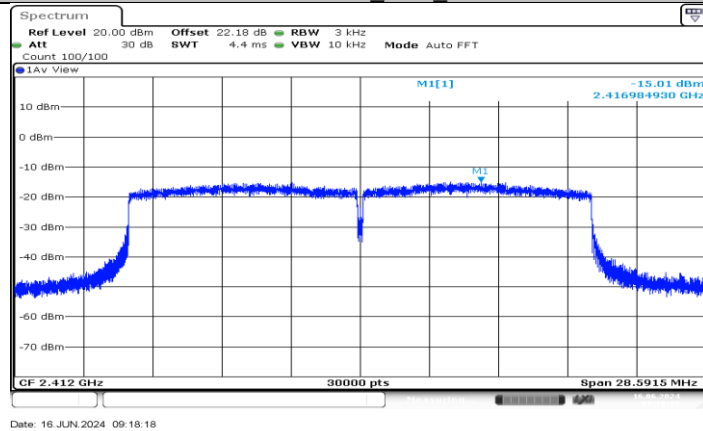
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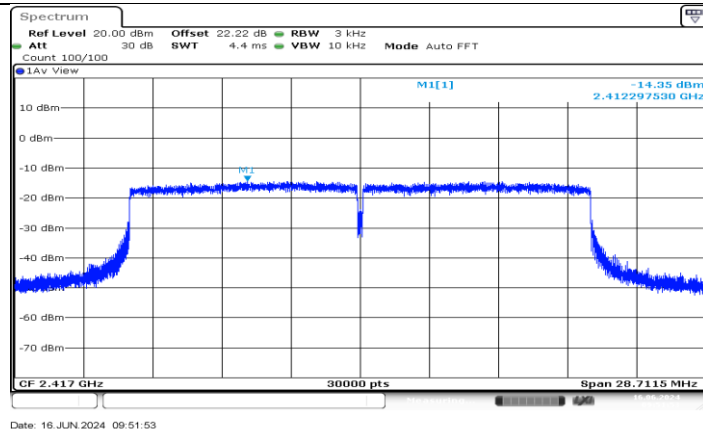
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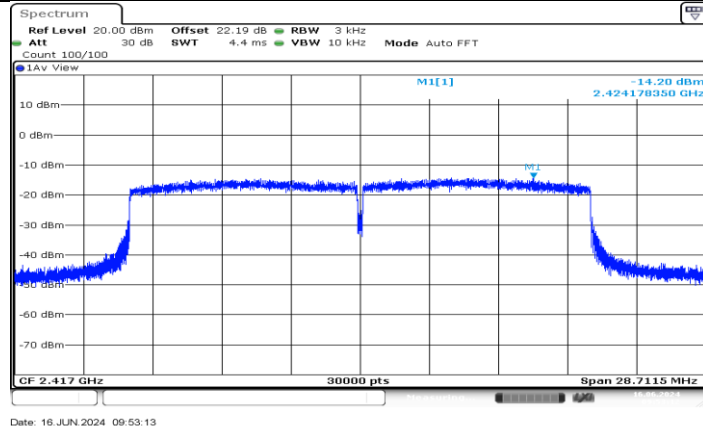
11AX20MIMO_Ant3_2412



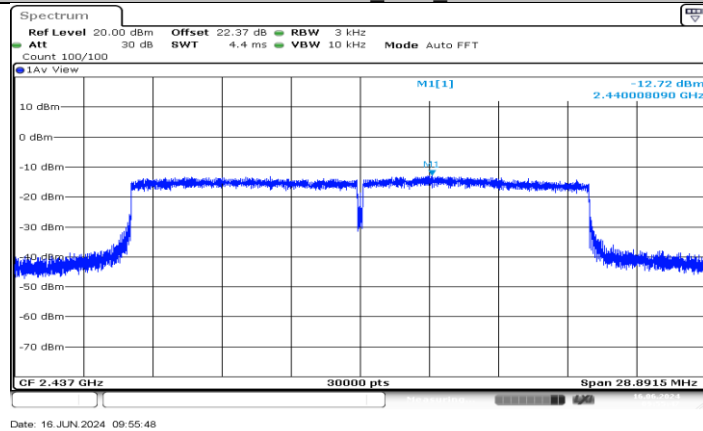
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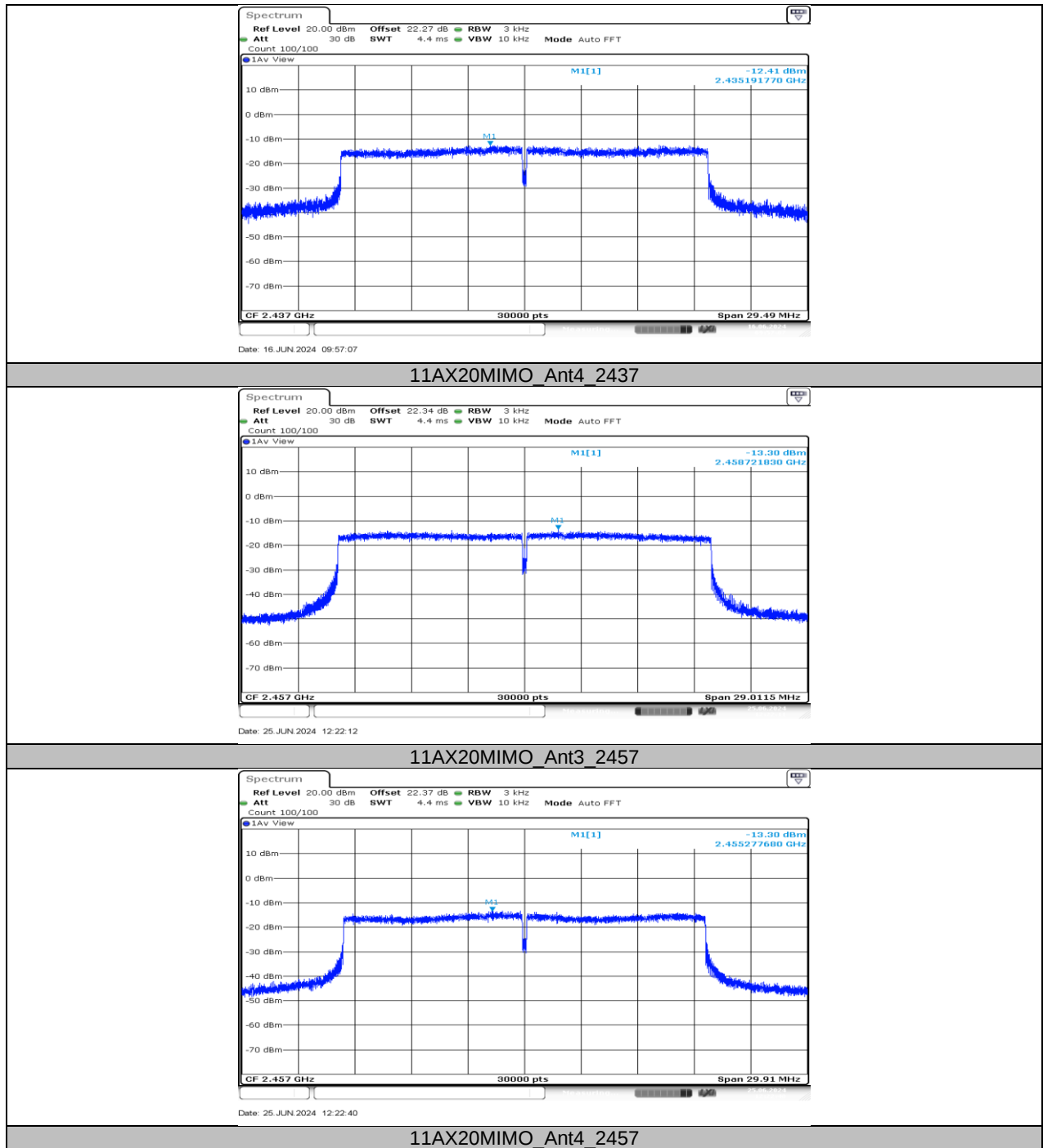
11AX20MIMO_Ant3_2417

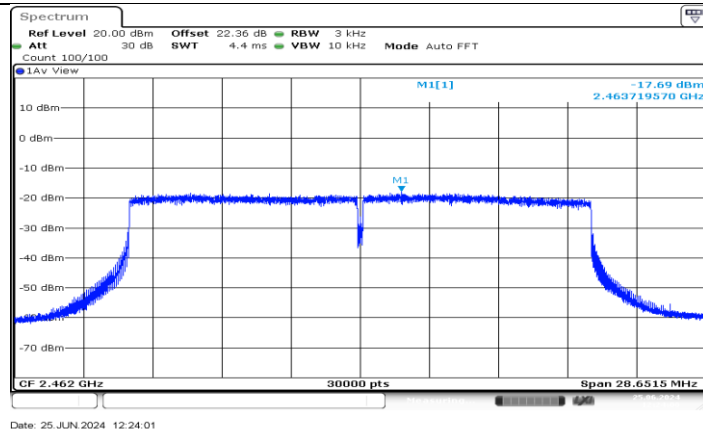


11AX20MIMO_Ant4_2417

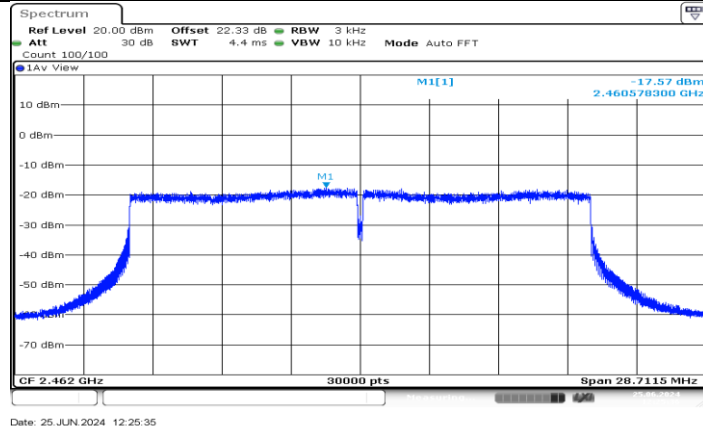


11AX20MIMO_Ant3_2437

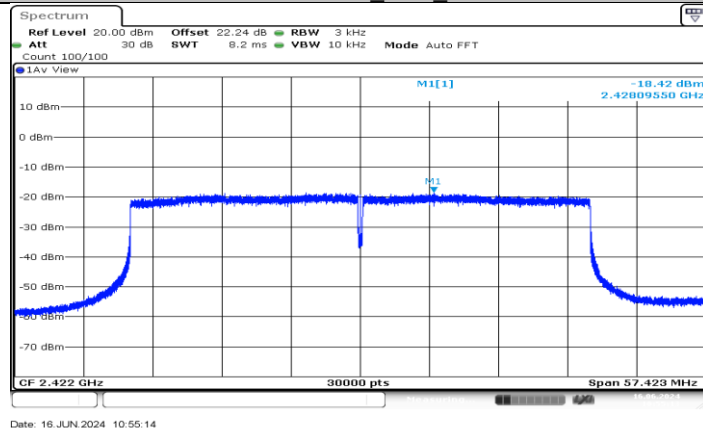




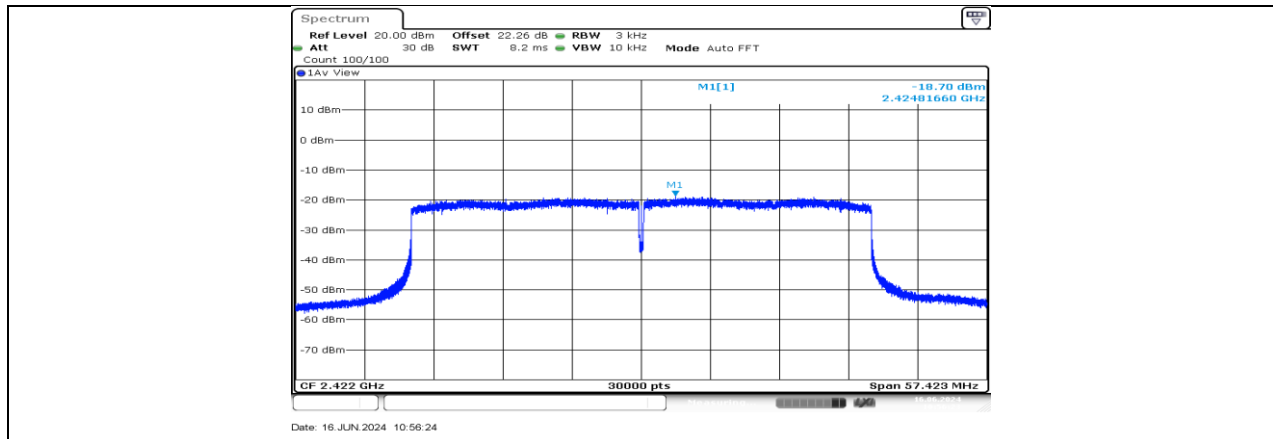
11AX20MIMO_Ant3_2462



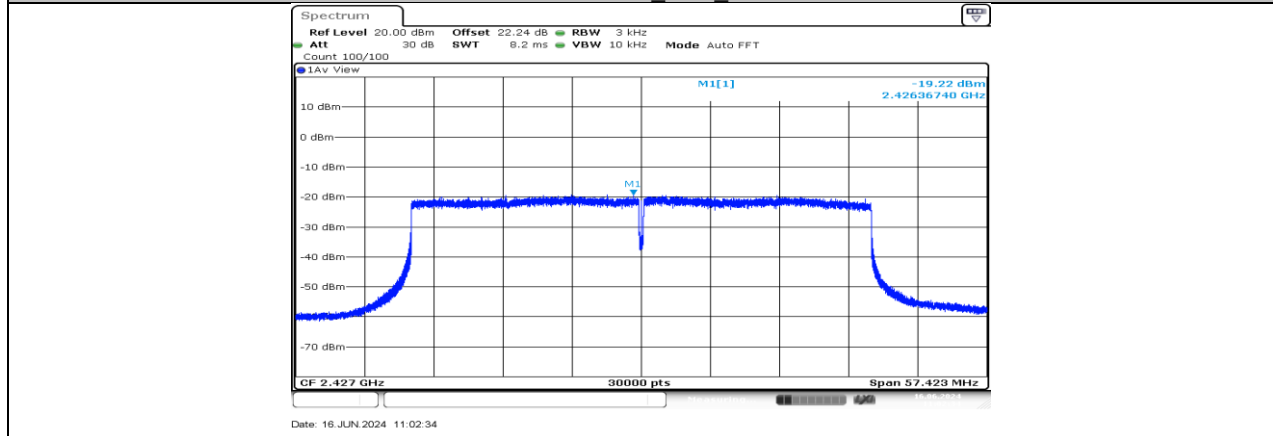
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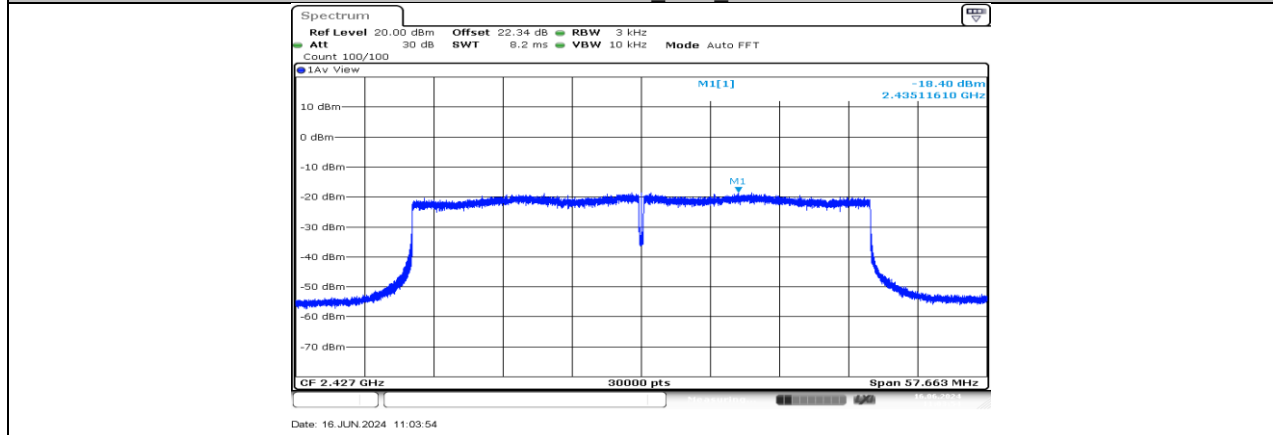
11AX40MIMO_Ant3_2422



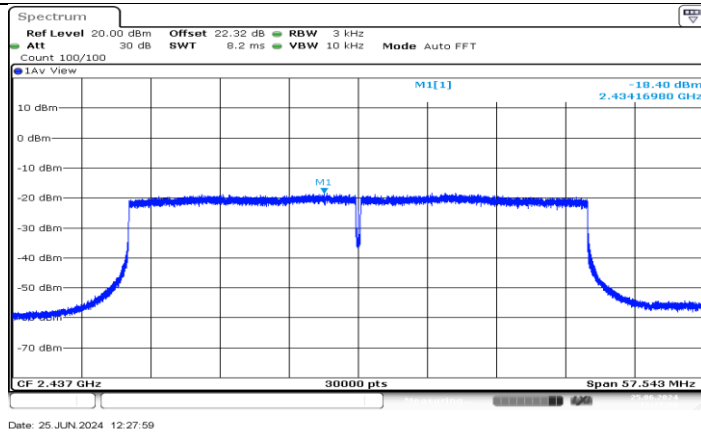
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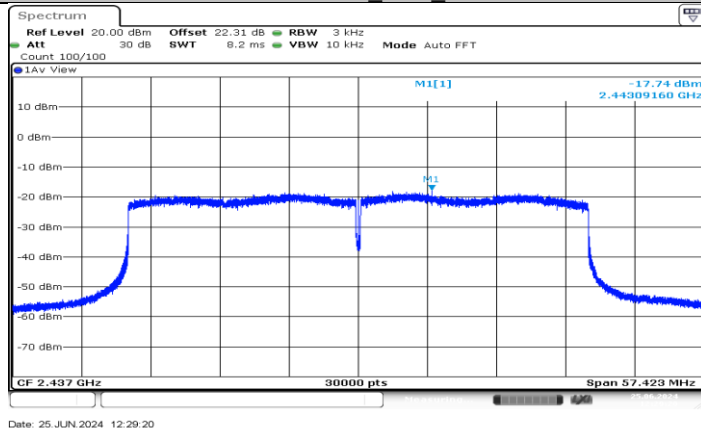
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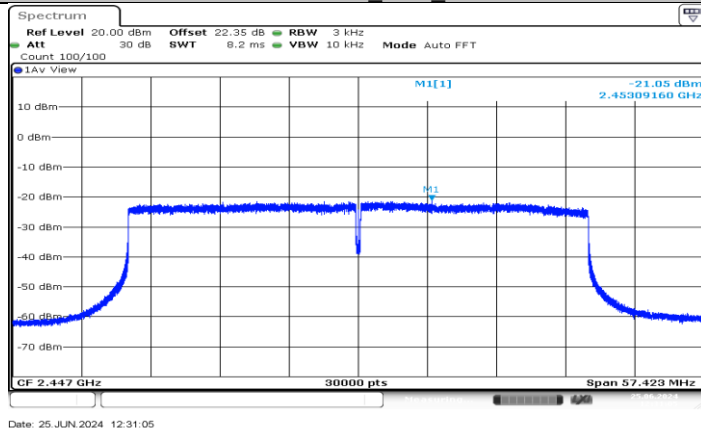
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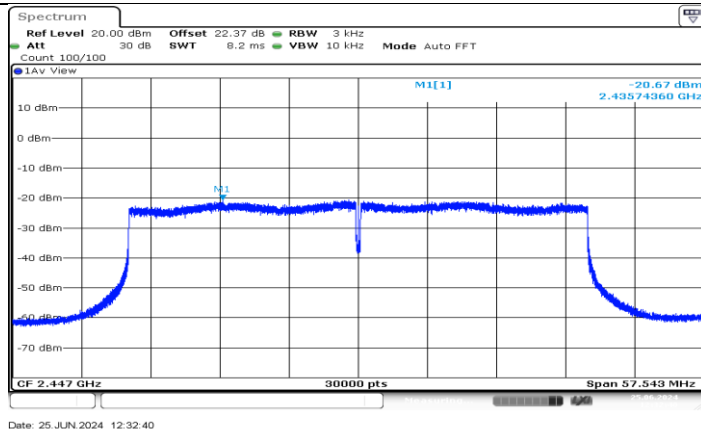
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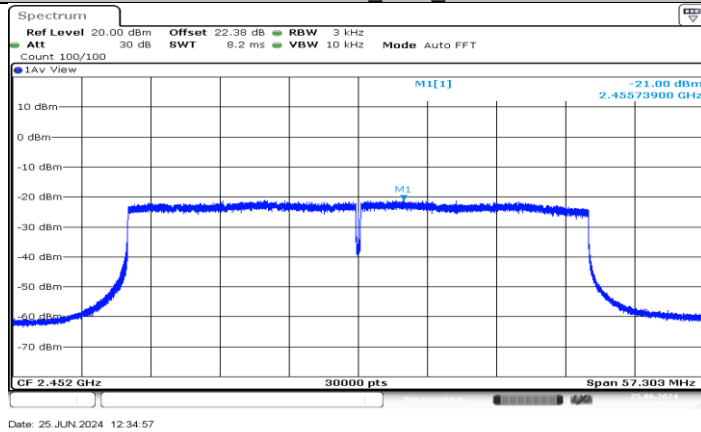
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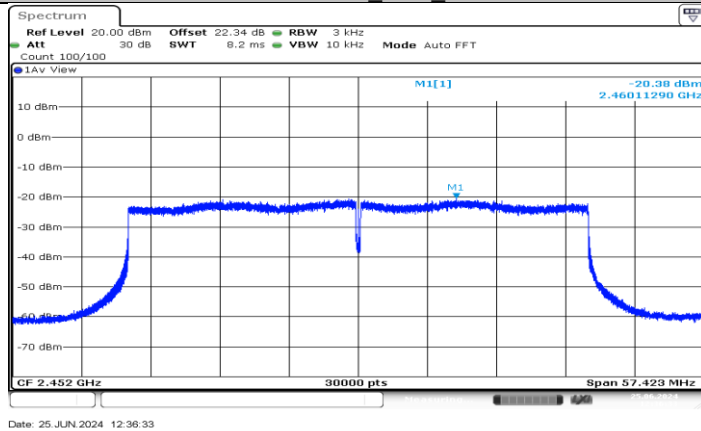
11AX40MIMO_Ant3_2447



11AX40MIMO_Ant4_2447



11AX40MIMO_Ant3_2452



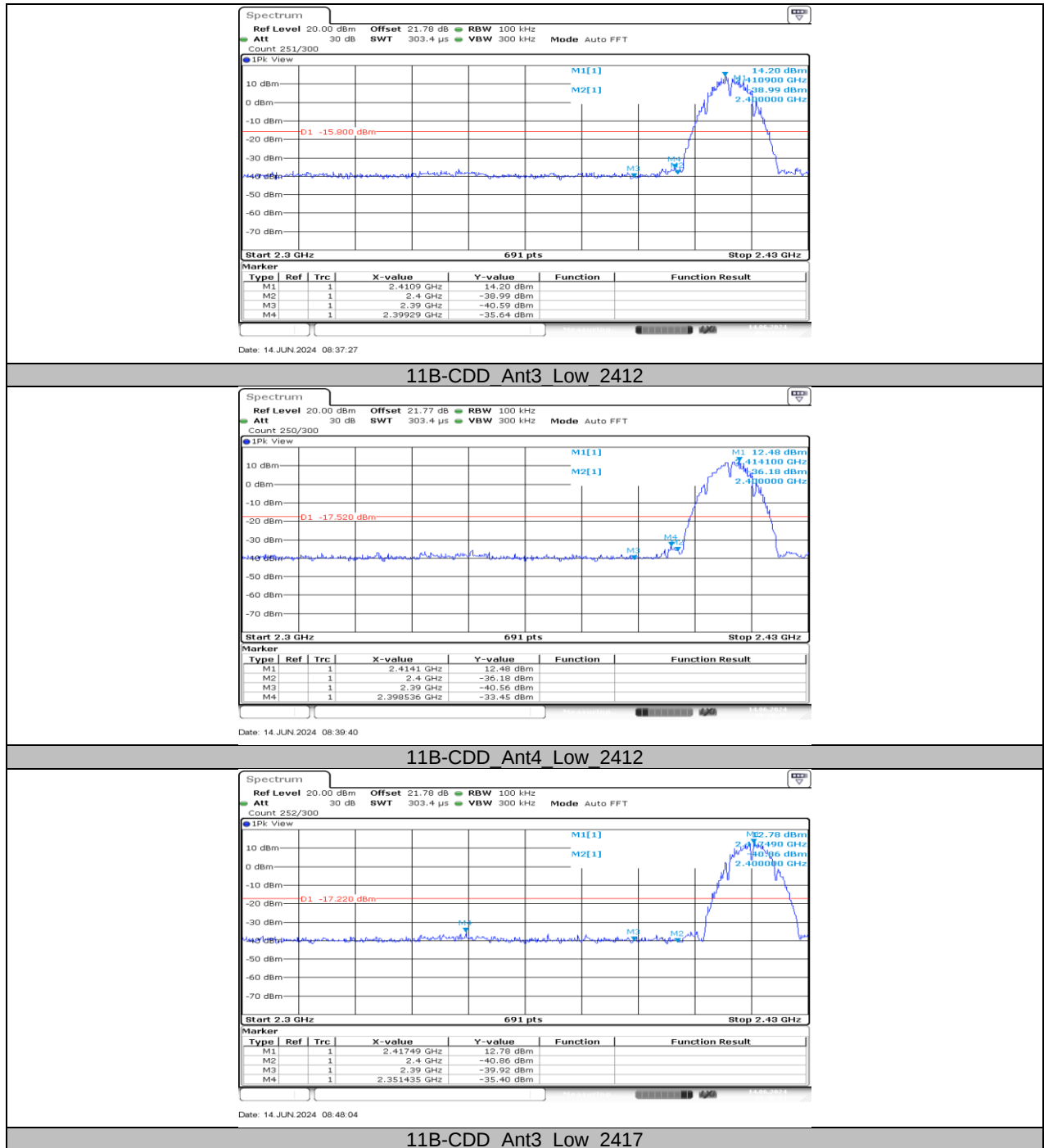
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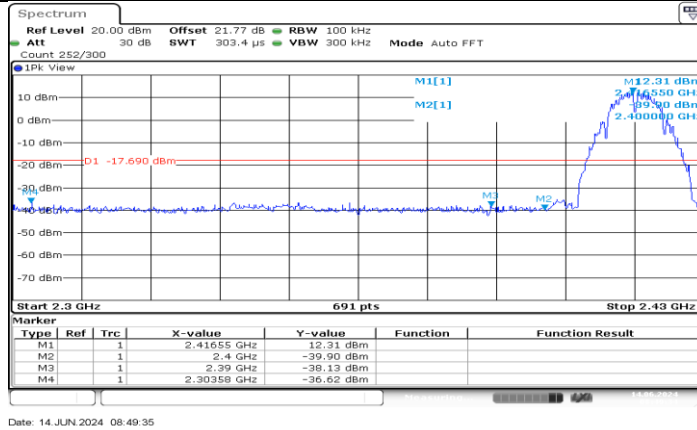
11.5. APPENDIX E: BAND EDGE MEASUREMENTS

11.5.1. Test Result

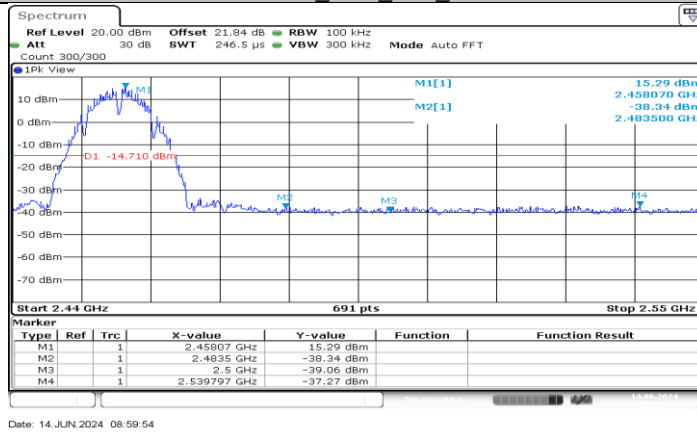
Test Mode	Antenna	ChName	Frequency [MHz]	RefLevel [dBm]	Result[dBm]	Limit[dBm]	Verdict
11B-CDD	Ant3	Low	2412	14.20	-35.64	≤-15.8	PASS
	Ant4	Low	2412	12.48	-33.45	≤-17.52	PASS
	Ant3	Low	2417	12.78	-35.4	≤-17.22	PASS
	Ant4	Low	2417	12.31	-36.62	≤-17.69	PASS
	Ant3	High	2457	15.29	-37.27	≤-14.71	PASS
	Ant4	High	2457	15.08	-36.48	≤-14.92	PASS
	Ant3	High	2462	15.33	-36.68	≤-14.67	PASS
	Ant4	High	2462	15.08	-35.96	≤-14.92	PASS
11G-CDD	Ant3	Low	2412	7.87	-24.42	≤-22.13	PASS
	Ant4	Low	2412	10.08	-20.18	≤-19.92	PASS
	Ant3	Low	2417	9.85	-23.45	≤-20.15	PASS
	Ant4	Low	2417	10.24	-21.53	≤-19.76	PASS
	Ant3	High	2457	11.00	-30.95	≤-19	PASS
	Ant4	High	2457	10.74	-30.71	≤-19.26	PASS
	Ant3	High	2462	9.49	-25.37	≤-20.51	PASS
	Ant4	High	2462	12.91	-23.37	≤-17.09	PASS
11N20MIMO	Ant3	Low	2412	8.52	-27.4	≤-21.48	PASS
	Ant4	Low	2412	8.44	-23.02	≤-21.56	PASS
	Ant3	Low	2417	7.84	-25.43	≤-22.16	PASS
	Ant4	Low	2417	8.31	-22	≤-21.69	PASS
	Ant3	High	2457	8.81	-31.12	≤-21.19	PASS
	Ant4	High	2457	11.51	-29.53	≤-18.49	PASS
	Ant3	High	2462	5.98	-30.6	≤-24.02	PASS
	Ant4	High	2462	7.93	-32.93	≤-22.07	PASS
11N40MIMO	Ant3	Low	2422	4.89	-29.12	≤-25.11	PASS
	Ant4	Low	2422	4.47	-25.89	≤-25.53	PASS
	Ant3	Low	2427	6.53	-25.82	≤-23.47	PASS
	Ant4	Low	2427	8.00	-22.11	≤-22	PASS
	Ant3	High	2447	3.36	-36.99	≤-26.64	PASS
	Ant4	High	2447	3.22	-38.4	≤-26.78	PASS
	Ant3	High	2452	2.84	-36.1	≤-27.16	PASS
	Ant4	High	2452	1.18	-35.87	≤-28.82	PASS
11AX20MIMO	Ant3	Low	2412	7.57	-24.86	≤-22.43	PASS
	Ant4	Low	2412	7.54	-22.49	≤-22.46	PASS
	Ant3	Low	2417	9.42	-25.18	≤-20.58	PASS
	Ant4	Low	2417	6.66	-24.22	≤-23.34	PASS
	Ant3	High	2457	8.96	-29.8	≤-21.04	PASS
	Ant4	High	2457	11.68	-26.88	≤-18.32	PASS
	Ant3	High	2462	4.64	-39.38	≤-25.36	PASS
	Ant4	High	2462	4.26	-39.21	≤-25.74	PASS
11AX40MIMO	Ant3	Low	2422	4.13	-26.56	≤-25.87	PASS
	Ant4	Low	2422	3.48	-27.09	≤-26.52	PASS
	Ant3	Low	2427	4.99	-26.97	≤-25.01	PASS
	Ant4	Low	2427	5.38	-29.41	≤-24.62	PASS
	Ant3	High	2447	2.45	-37.91	≤-27.55	PASS
	Ant4	High	2447	3.39	-37.32	≤-26.61	PASS
	Ant3	High	2452	1.72	-37.03	≤-28.28	PASS
	Ant4	High	2452	3.44	-37.27	≤-26.56	PASS

11.5.2. Test Graphs

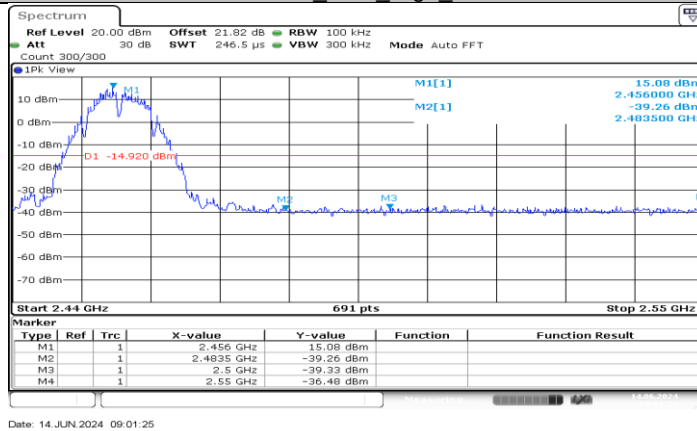




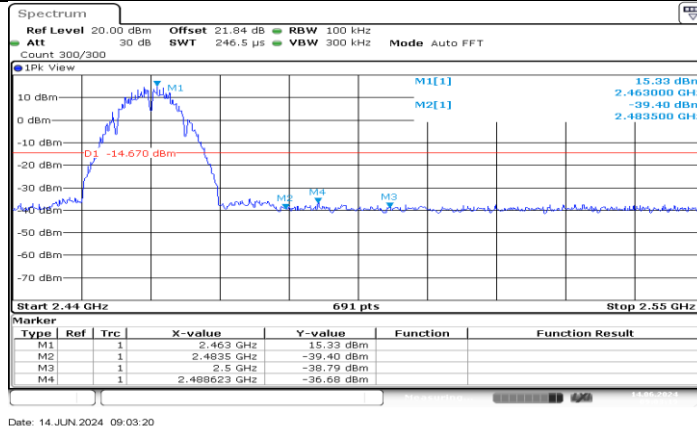
11B-CDD_Ant4_Low_2417



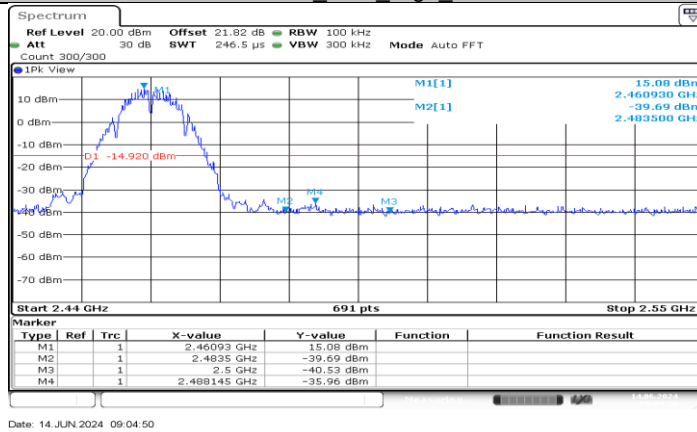
11B-CDD_Ant3_High_2457



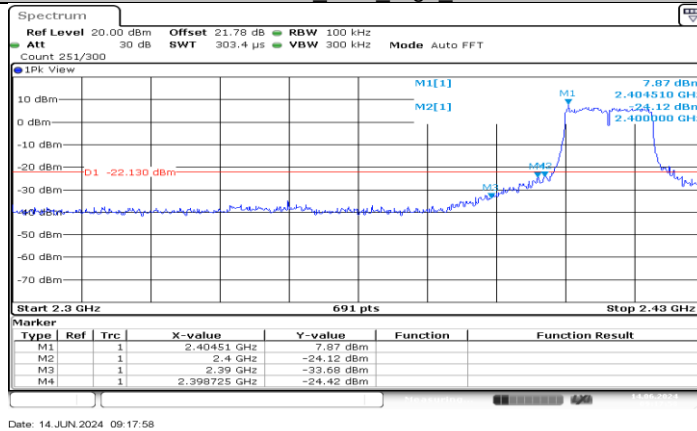
11B-CDD_Ant4_High_2457



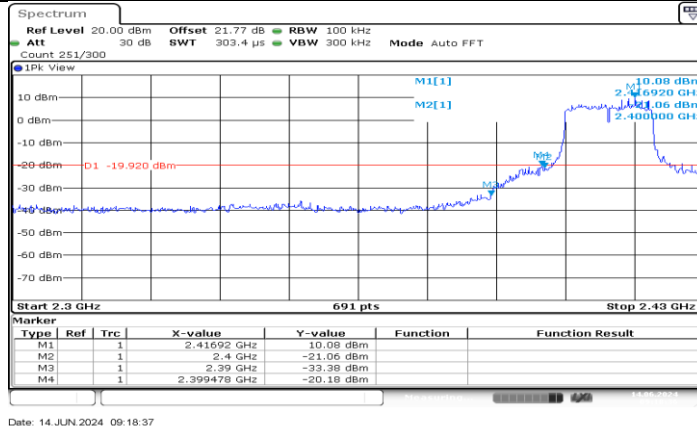
11B-CDD_Ant3_High_2462



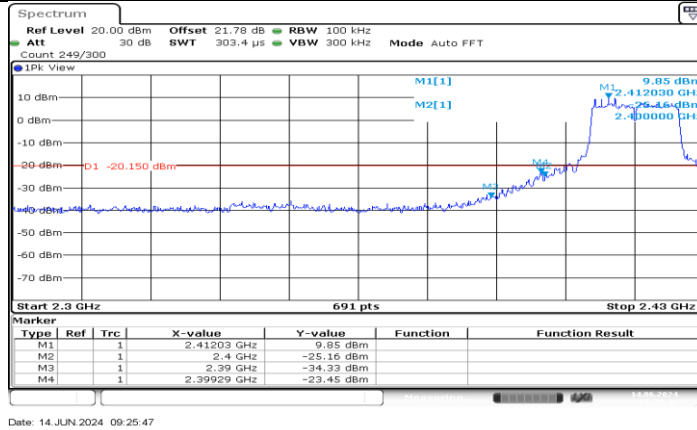
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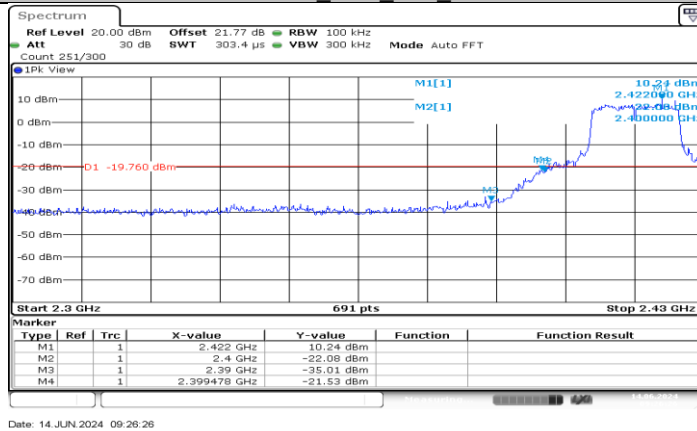
11G-CDD_Ant3_Low_2412



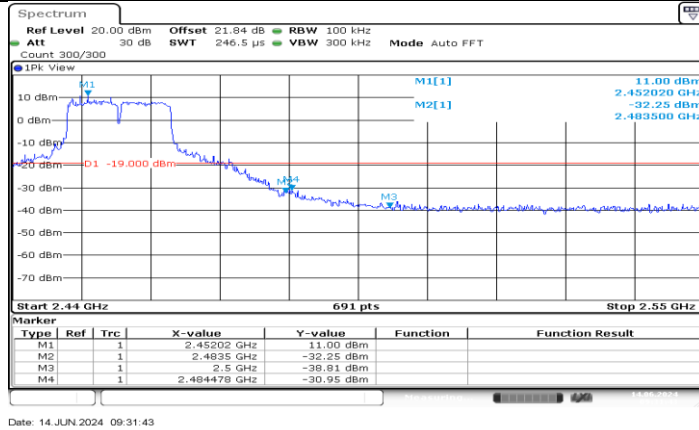
11G-CDD_Ant4_Low_2412



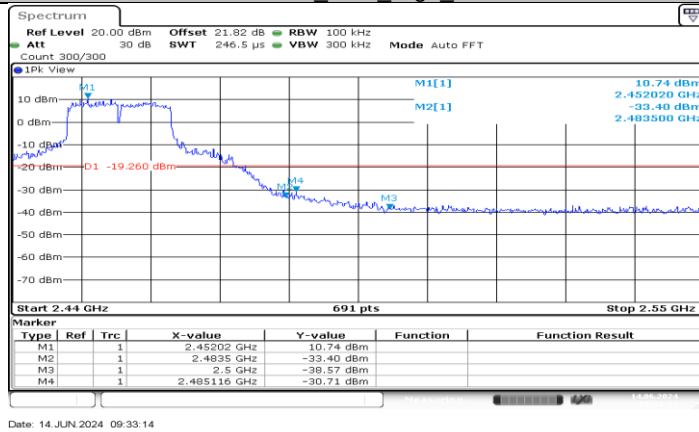
11G-CDD_Ant3_Low_2417



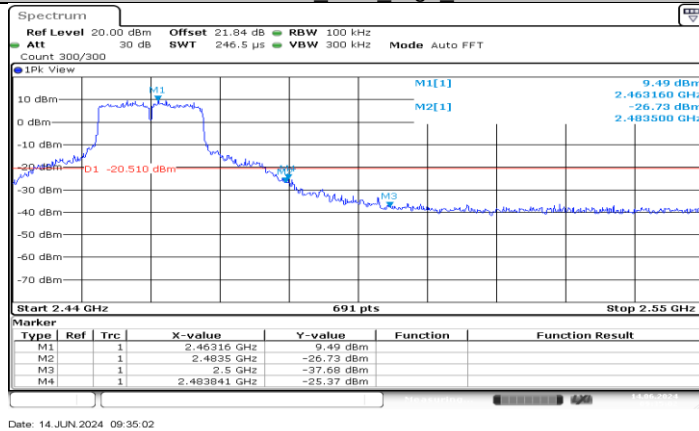
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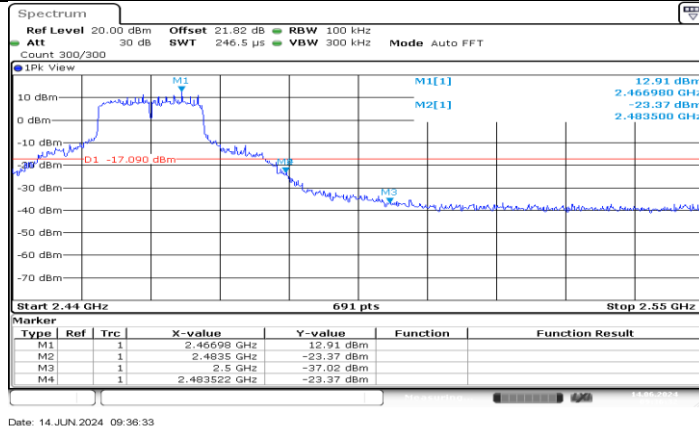
11G-CDD_Ant3_High_2457



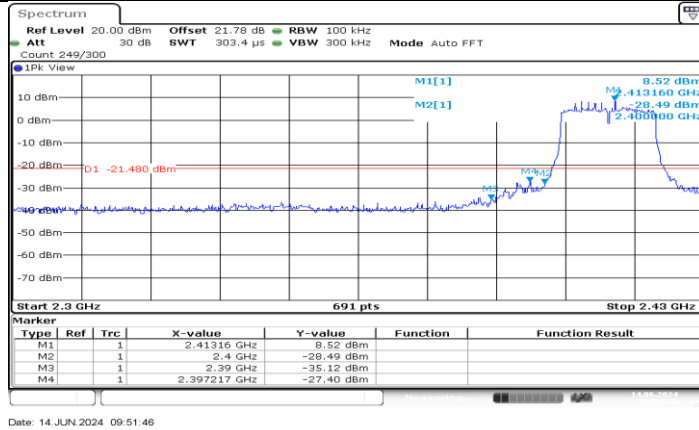
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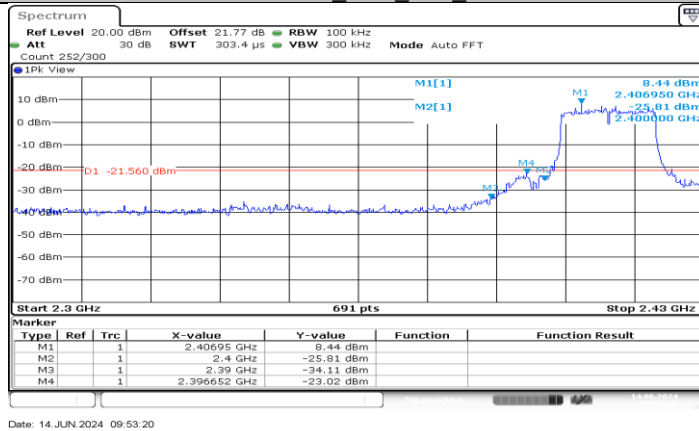
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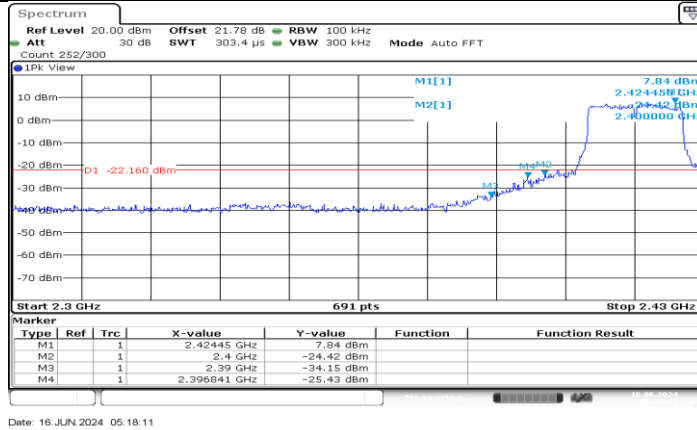
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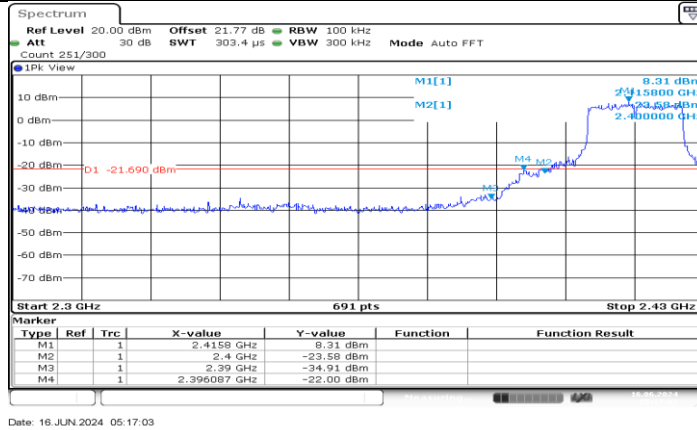
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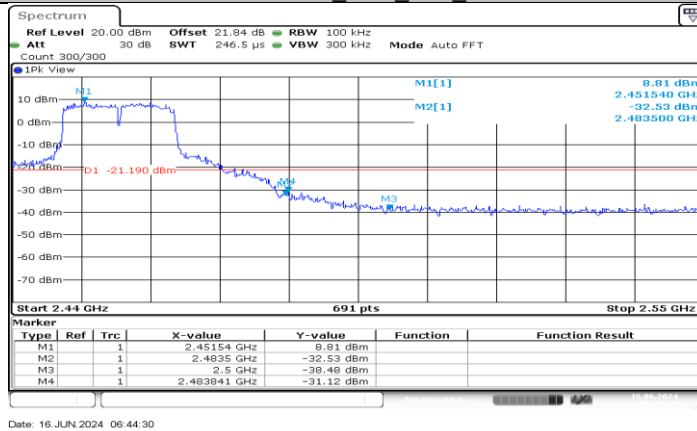
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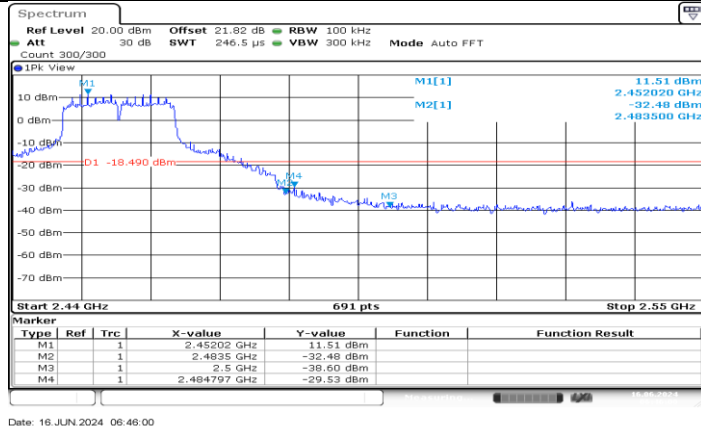
11N20MIMO_Ant3_Low_2417



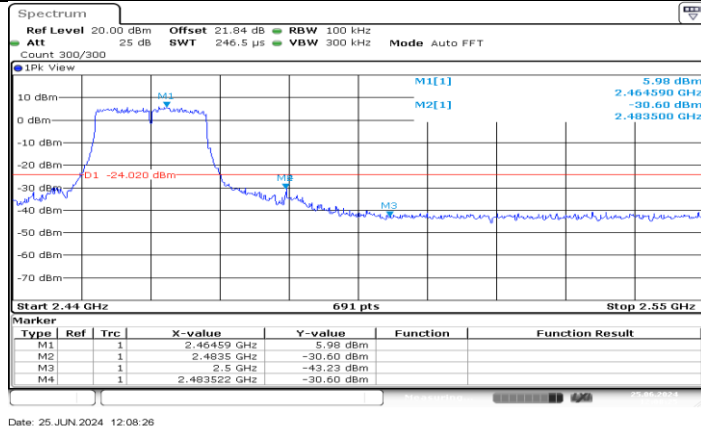
11N20MIMO_Ant4_Low_2417



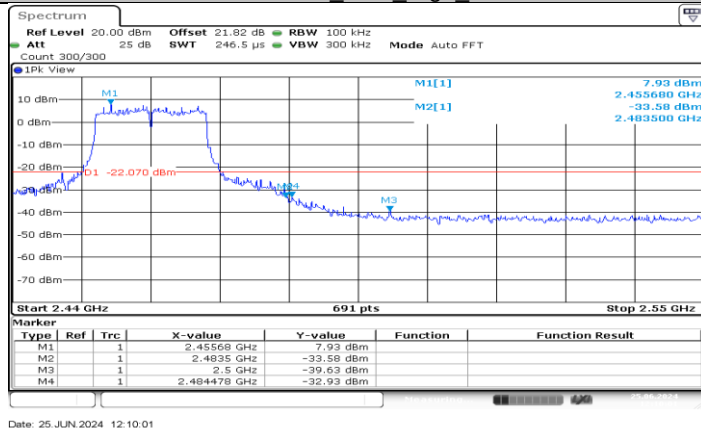
11N20MIMO_Ant3_High_2457



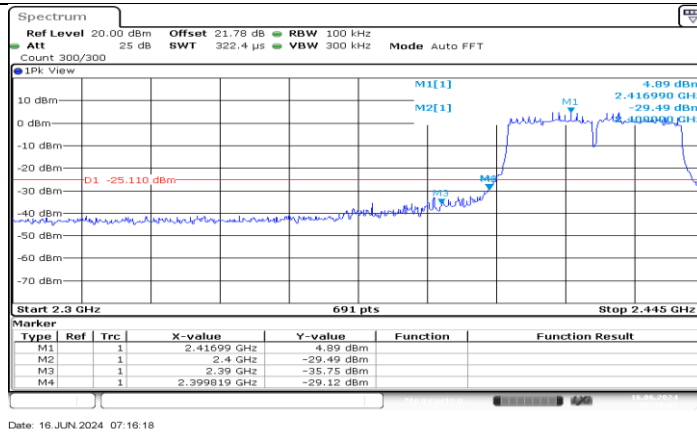
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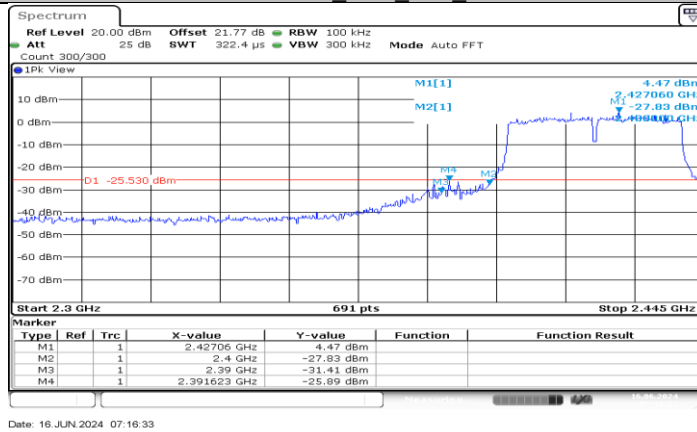
11N20MIMO_Ant3_High_2462



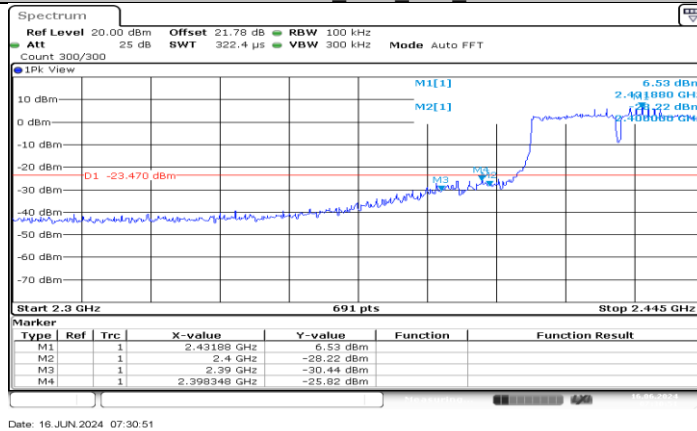
11N20MIMO_Ant4_High_2462



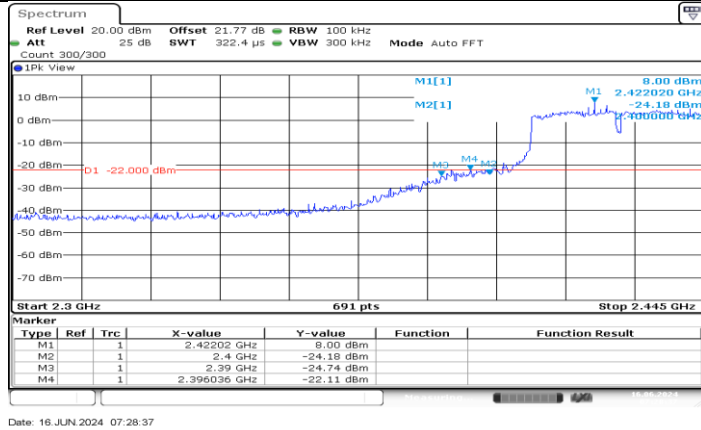
11N40MIMO_Ant3_Low_2422



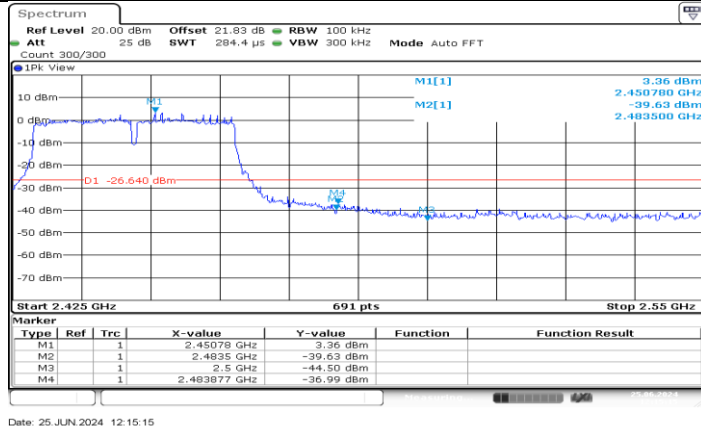
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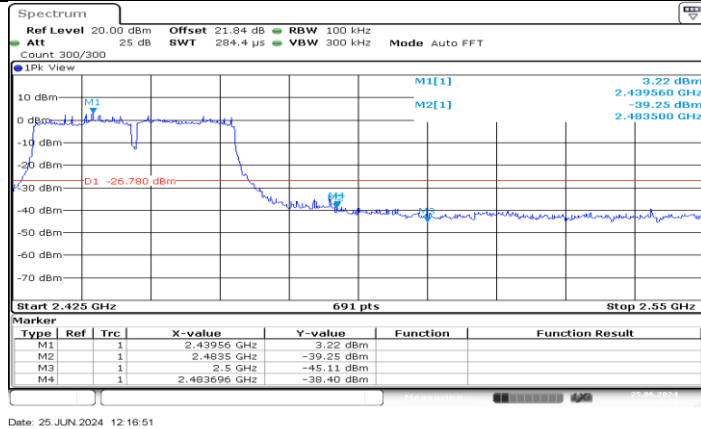
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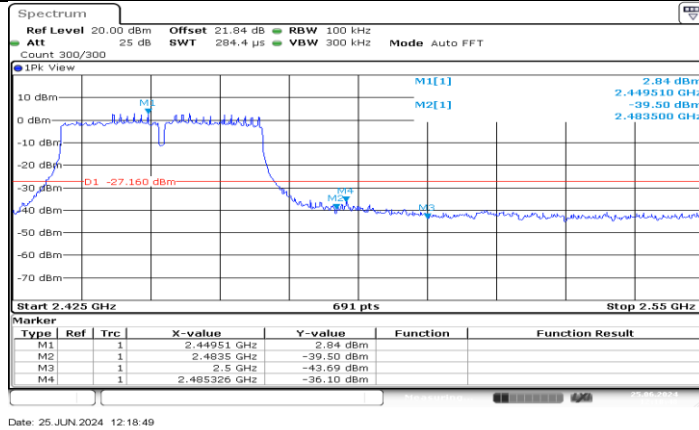
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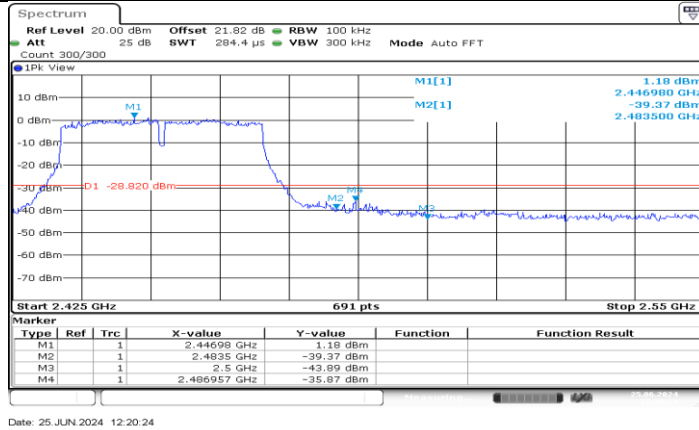
11N40MIMO_Ant3_High_2447



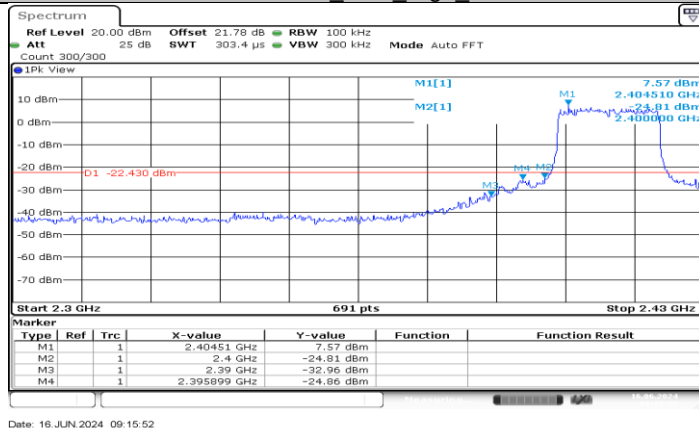
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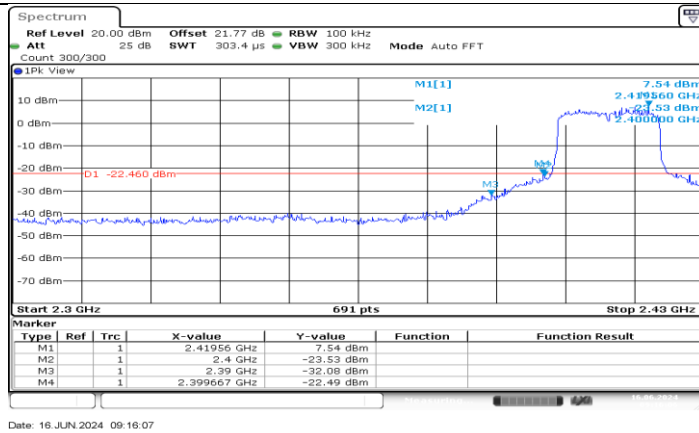
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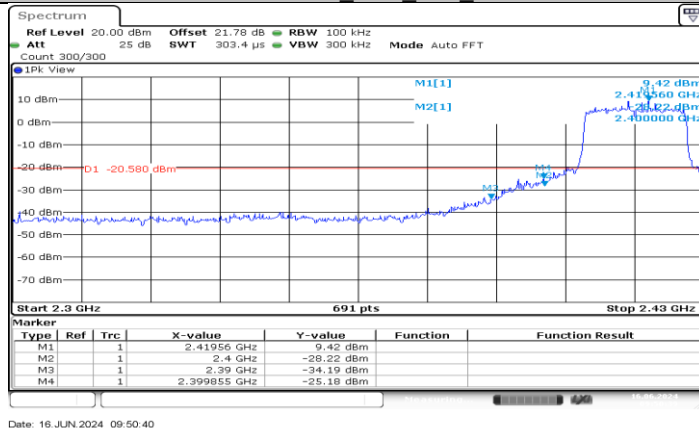
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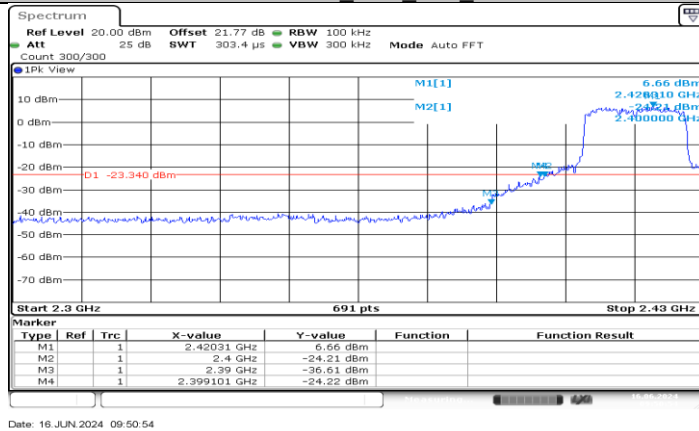
11AX20MIMO_Ant3_Low_2412



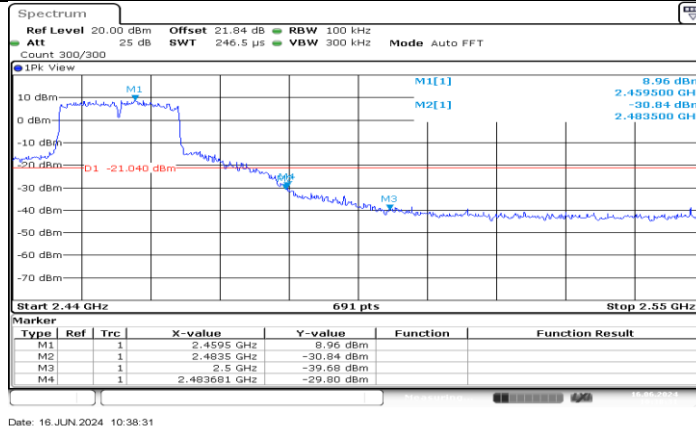
11AX20MIMO_Ant4_Low_2412



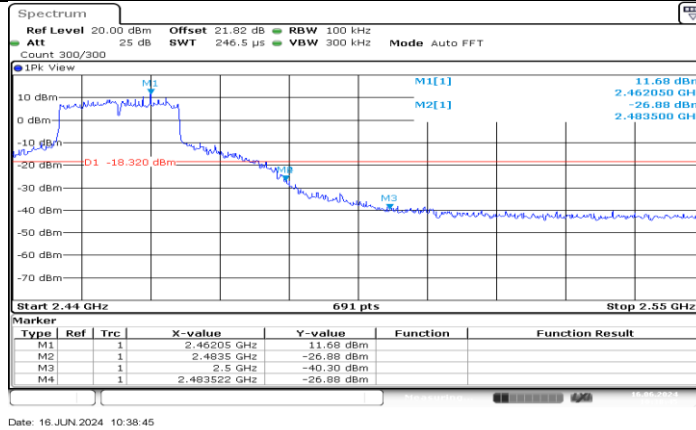
11AX20MIMO_Ant3_Low_2417



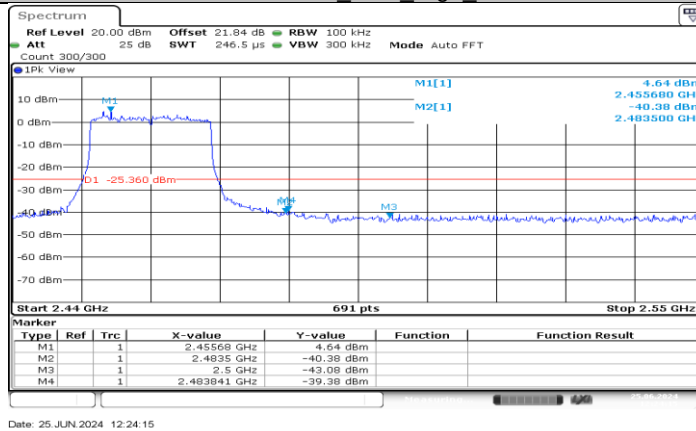
11AX20MIMO_Ant4_Low_2417



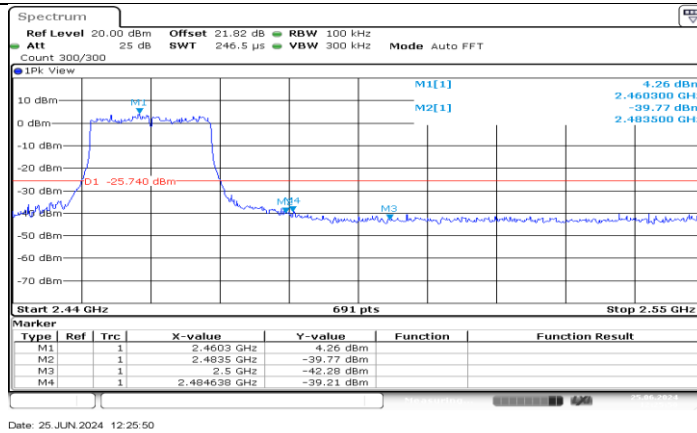
11AX20MIMO_Ant3_High_2457



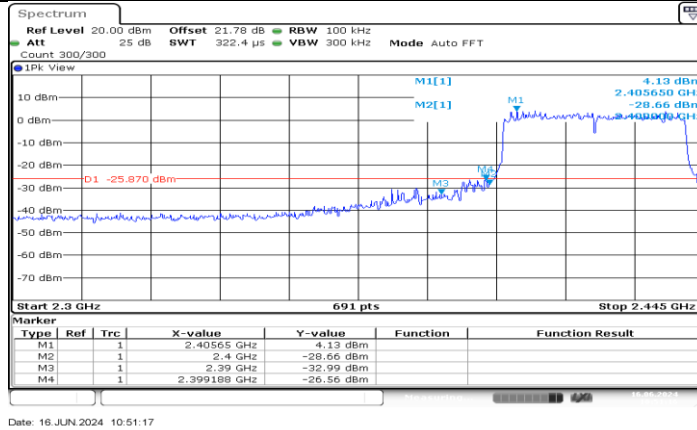
11AX20MIMO_Ant4_High_2457



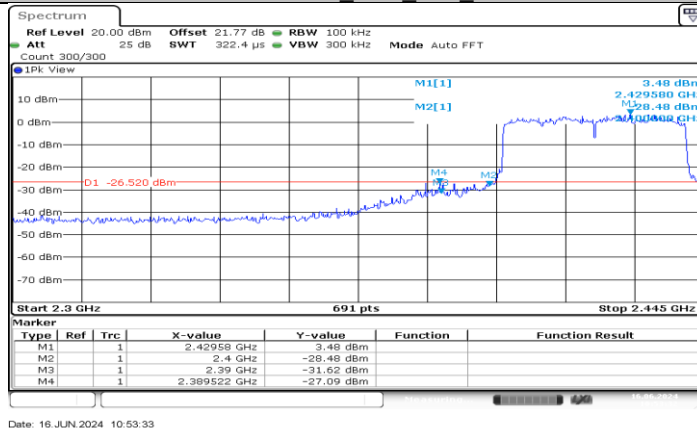
11AX20MIMO_Ant3_High_2462



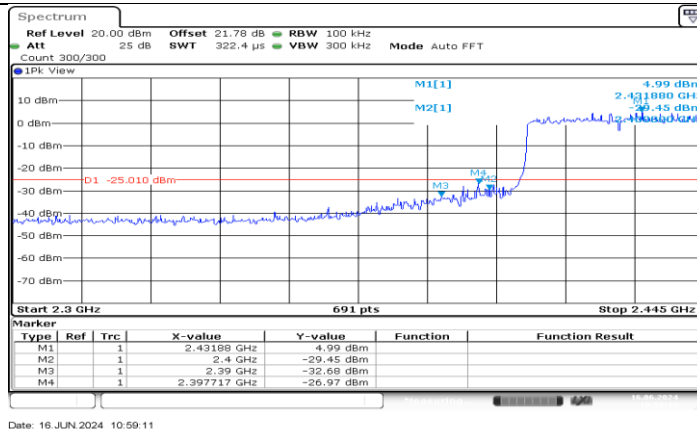
11AX20MIMO_Ant4_High_2462



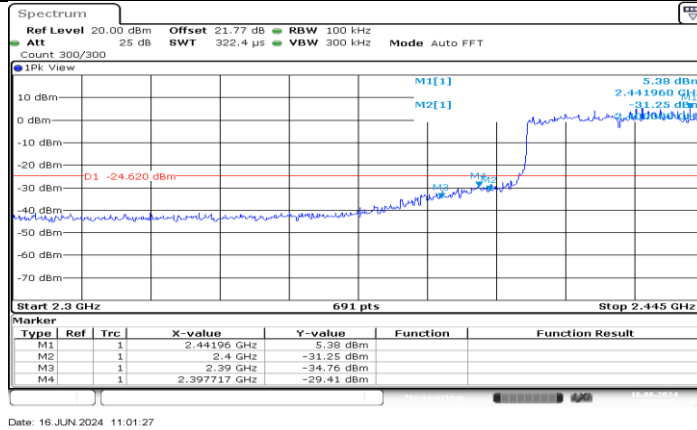
11AX40MIMO_Ant3_Low_2422



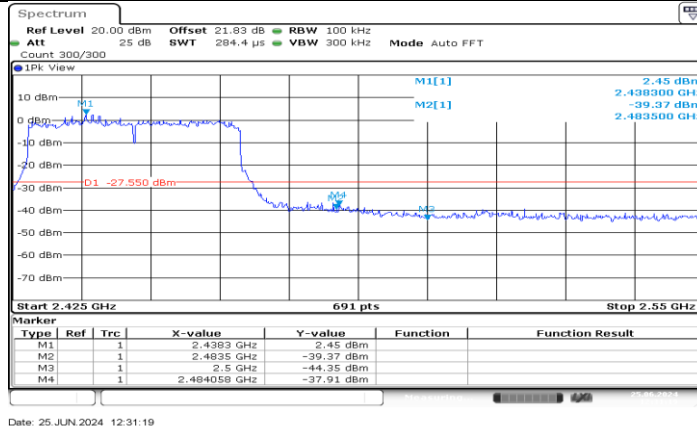
11AX40MIMO_Ant4_Low_2422



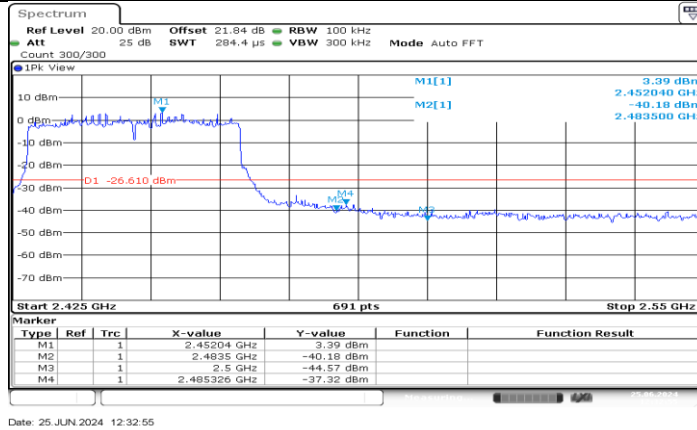
11AX40MIMO_Ant3_Low_2427



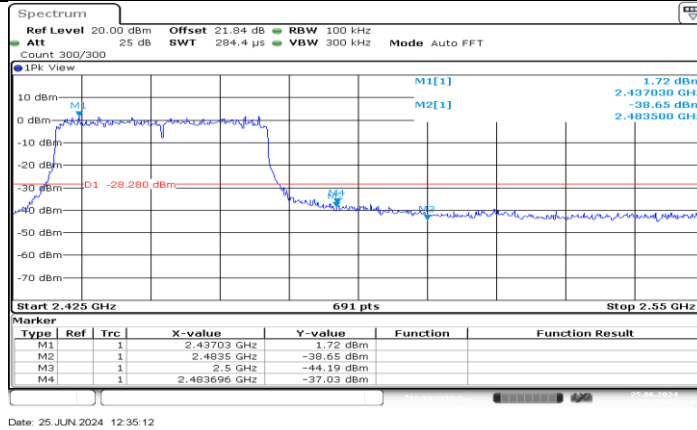
11AX40MIMO_Ant4_Low_2427



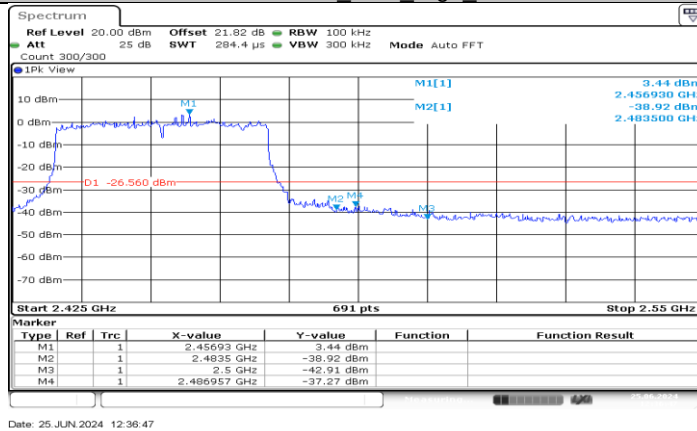
11AX40MIMO_Ant3_High_2447



11AX40MIMO_Ant4_High_2447



11AX40MIMO_Ant3_High_2452



11AX40MIMO_Ant4_High_2452

11.6. APPENDIX F: CONDUCTED SPURIOUS EMISSION

11.6.1. Test Result

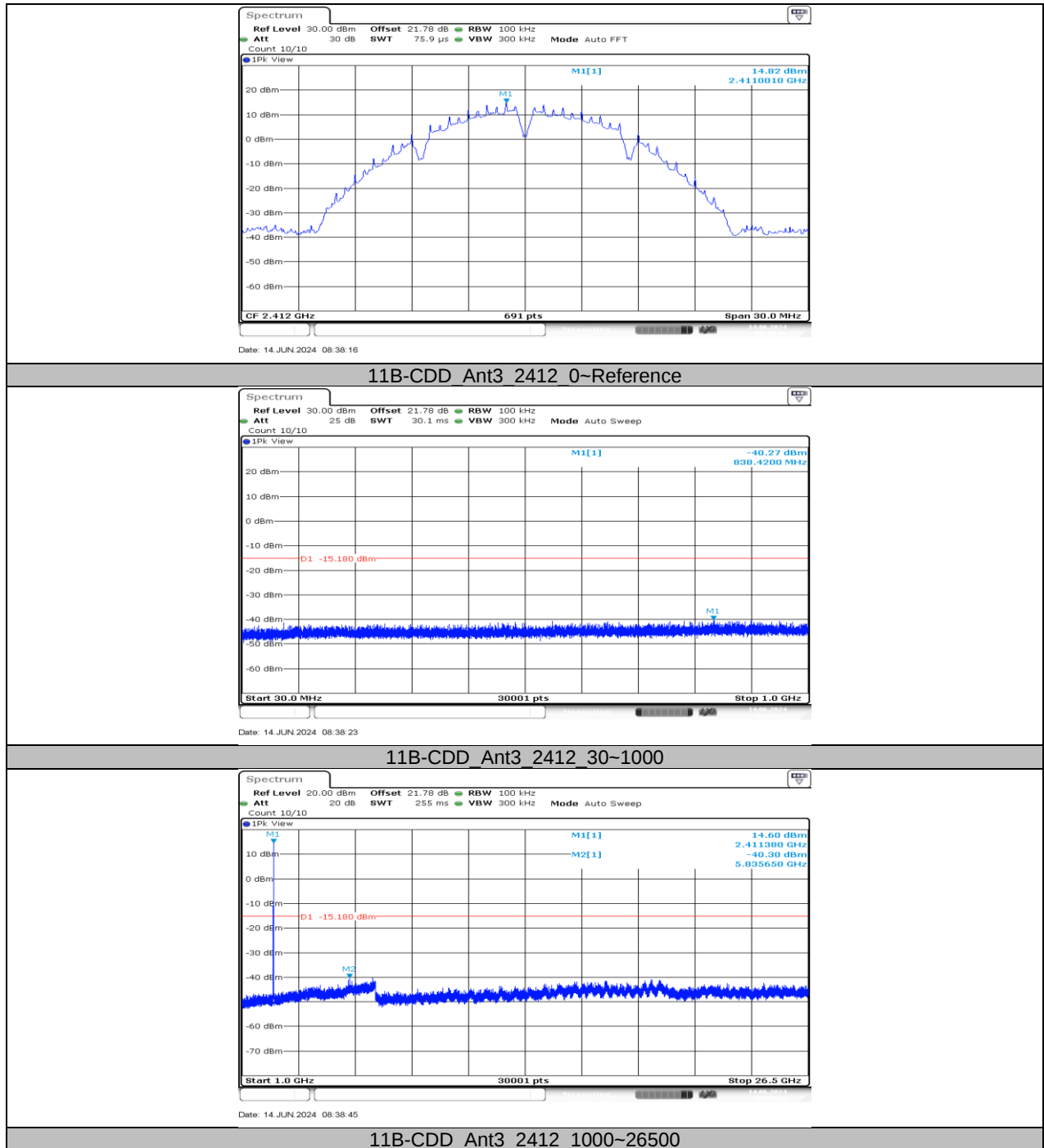
Test Mode	Antenna	Frequency[MHz]	FreqRange [Mhz]	Result [dBm]	Limit [dBm]	Verdict
11B-CDD	Ant3	2412	Reference	14.82	---	PASS
			30~1000	-40.27	≤-15.18	PASS
			1000~26500	-40.3	≤-15.18	PASS
	Ant4	2412	Reference	14.76	---	PASS
			30~1000	-39.54	≤-15.24	PASS
			1000~26500	-40.69	≤-15.24	PASS
	Ant3	2417	Reference	14.48	---	PASS
			30~1000	-39.85	≤-15.52	PASS
			1000~26500	-40.31	≤-15.52	PASS
	Ant4	2417	Reference	14.23	---	PASS
			30~1000	-39.86	≤-15.77	PASS
			1000~26500	-40.69	≤-15.77	PASS
	Ant3	2437	Reference	15.07	---	PASS
			30~1000	-39.7	≤-14.93	PASS
			1000~26500	-40.46	≤-14.93	PASS
	Ant4	2437	Reference	14.93	---	PASS
			30~1000	-39.74	≤-15.07	PASS
			1000~26500	-41.03	≤-15.07	PASS
	Ant3	2457	Reference	15.29	---	PASS
			30~1000	-40.2	≤-14.71	PASS
			1000~26500	-40.48	≤-14.71	PASS
	Ant4	2457	Reference	15.06	---	PASS
			30~1000	-39.96	≤-14.94	PASS
			1000~26500	-40.2	≤-14.94	PASS
	Ant3	2462	Reference	15.49	---	PASS
			30~1000	-39.81	≤-14.51	PASS
			1000~26500	-40.2	≤-14.51	PASS
	Ant4	2462	Reference	15.27	---	PASS
			30~1000	-39.99	≤-14.73	PASS
			1000~26500	-40.76	≤-14.73	PASS
11G-CDD	Ant3	2412	Reference	9.60	---	PASS
			30~1000	-40.52	≤-20.4	PASS
			1000~26500	-39.66	≤-20.4	PASS
	Ant4	2412	Reference	10.55	---	PASS
			30~1000	-39.31	≤-19.45	PASS
			1000~26500	-40.43	≤-19.45	PASS
	Ant3	2417	Reference	10.74	---	PASS
			30~1000	-40.32	≤-19.26	PASS
			1000~26500	-40.65	≤-19.26	PASS
	Ant4	2417	Reference	11.56	---	PASS
			30~1000	-40.02	≤-18.44	PASS
			1000~26500	-40.26	≤-18.44	PASS
	Ant3	2437	Reference	12.28	---	PASS
			30~1000	-39.32	≤-17.72	PASS
			1000~26500	-39.98	≤-17.72	PASS
	Ant4	2437	Reference	11.91	---	PASS
			30~1000	-40.06	≤-18.09	PASS
			1000~26500	-39.63	≤-18.09	PASS
	Ant3	2457	Reference	11.62	---	PASS
			30~1000	-39.81	≤-18.38	PASS
			1000~26500	-40.24	≤-18.38	PASS
	Ant4	2457	Reference	12.77	---	PASS
			30~1000	-40.29	≤-17.23	PASS
			1000~26500	-40.77	≤-17.23	PASS
	Ant3	2462	Reference	11.13	---	PASS

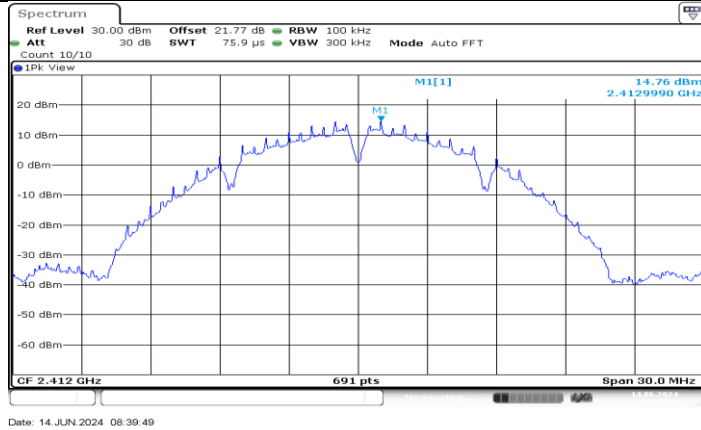
			30~1000	-40.31	≤ -18.87	PASS
			1000~26500	-40.25	≤ -18.87	PASS
			Reference	12.82	---	PASS
			30~1000	-39.79	≤ -17.18	PASS
			1000~26500	-40.7	≤ -17.18	PASS
11N20MIMO	Ant4	2462	Reference	9.17	---	PASS
			30~1000	-39.62	≤ -20.83	PASS
			1000~26500	-39.38	≤ -20.83	PASS
			Reference	7.08	---	PASS
	Ant4	2412	30~1000	-40.15	≤ -22.92	PASS
			1000~26500	-40.33	≤ -22.92	PASS
			Reference	10.06	---	PASS
	Ant3	2417	30~1000	-40.13	≤ -19.94	PASS
			1000~26500	-39.98	≤ -19.94	PASS
			Reference	9.53	---	PASS
	Ant4	2417	30~1000	-39.86	≤ -20.47	PASS
			1000~26500	-40.15	≤ -20.47	PASS
			Reference	11.54	---	PASS
	Ant3	2437	30~1000	-39.52	≤ -18.46	PASS
			1000~26500	-40.63	≤ -18.46	PASS
			Reference	10.86	---	PASS
	Ant4	2437	30~1000	-39.92	≤ -19.14	PASS
			1000~26500	-40.53	≤ -19.14	PASS
			Reference	11.51	---	PASS
	Ant3	2457	30~1000	-39.78	≤ -18.49	PASS
			1000~26500	-40.55	≤ -18.49	PASS
			Reference	10.75	---	PASS
	Ant4	2457	30~1000	-40	≤ -19.25	PASS
			1000~26500	-40.07	≤ -19.25	PASS
			Reference	6.30	---	PASS
	Ant3	2462	30~1000	-39.31	≤ -23.7	PASS
			1000~26500	-40.07	≤ -23.7	PASS
			Reference	9.44	---	PASS
	Ant4	2462	30~1000	-39.28	≤ -20.56	PASS
			1000~26500	-40.24	≤ -20.56	PASS
			Reference	5.03	---	PASS
11N40MIMO	Ant3	2422	30~1000	-39.71	≤ -24.97	PASS
			1000~26500	-40.73	≤ -24.97	PASS
			Reference	6.30	---	PASS
	Ant4	2422	30~1000	-39.57	≤ -23.7	PASS
			1000~26500	-40.64	≤ -23.7	PASS
			Reference	6.52	---	PASS
	Ant3	2427	30~1000	-39.92	≤ -23.48	PASS
			1000~26500	-39.36	≤ -23.48	PASS
			Reference	7.22	---	PASS
	Ant4	2427	30~1000	-40.17	≤ -22.78	PASS
			1000~26500	-40.92	≤ -22.78	PASS
			Reference	7.29	---	PASS
	Ant3	2437	30~1000	-39.6	≤ -22.71	PASS
			1000~26500	-39.47	≤ -22.71	PASS
			Reference	9.61	---	PASS
	Ant4	2437	30~1000	-40.46	≤ -20.39	PASS
			1000~26500	-40.36	≤ -20.39	PASS
			Reference	3.53	---	PASS
	Ant3	2447	30~1000	-39.94	≤ -26.47	PASS
			1000~26500	-40.51	≤ -26.47	PASS
			Reference	3.16	---	PASS
	Ant4	2447	30~1000	-39.29	≤ -26.84	PASS
			1000~26500	-40.25	≤ -26.84	PASS
			Reference	2.84	---	PASS
	Ant3	2452	Reference	2.84	---	PASS

			30~1000	-40.17	≤ -27.16	PASS
			1000~26500	-40.18	≤ -27.16	PASS
			Reference	2.24	---	PASS
			30~1000	-39.45	≤ -27.76	PASS
			1000~26500	-40.4	≤ -27.76	PASS
11AX20MIMO	Ant4	2452	Reference	8.85	---	PASS
			30~1000	-40.31	≤ -21.15	PASS
			1000~26500	-39.9	≤ -21.15	PASS
	Ant3	2412	Reference	8.00	---	PASS
			30~1000	-39.79	≤ -22	PASS
			1000~26500	-40.66	≤ -22	PASS
	Ant4	2412	Reference	7.83	---	PASS
			30~1000	-40.47	≤ -22.17	PASS
			1000~26500	-40.56	≤ -22.17	PASS
	Ant3	2417	Reference	8.79	---	PASS
			30~1000	-39.56	≤ -21.21	PASS
			1000~26500	-39.96	≤ -21.21	PASS
	Ant4	2417	Reference	11.09	---	PASS
			30~1000	-39.84	≤ -18.91	PASS
			1000~26500	-40.32	≤ -18.91	PASS
	Ant3	2437	Reference	9.04	---	PASS
			30~1000	-39.93	≤ -20.96	PASS
			1000~26500	-39.85	≤ -20.96	PASS
	Ant4	2437	Reference	8.77	---	PASS
			30~1000	-39.82	≤ -21.23	PASS
			1000~26500	-40.91	≤ -21.23	PASS
	Ant3	2457	Reference	12.19	---	PASS
			30~1000	-39.91	≤ -17.81	PASS
			1000~26500	-40.75	≤ -17.81	PASS
	Ant4	2457	Reference	3.42	---	PASS
			30~1000	-38.59	≤ -26.58	PASS
			1000~26500	-39.57	≤ -26.58	PASS
	Ant3	2462	Reference	4.25	---	PASS
			30~1000	-40.09	≤ -25.75	PASS
			1000~26500	-40.65	≤ -25.75	PASS
11AX40MIMO	Ant4	2422	Reference	5.09	---	PASS
			30~1000	-40.31	≤ -24.91	PASS
			1000~26500	-40.55	≤ -24.91	PASS
	Ant3	2422	Reference	5.02	---	PASS
			30~1000	-39.6	≤ -24.98	PASS
			1000~26500	-40.69	≤ -24.98	PASS
	Ant4	2427	Reference	3.90	---	PASS
			30~1000	-40.16	≤ -26.1	PASS
			1000~26500	-40.25	≤ -26.1	PASS
	Ant3	2427	Reference	5.42	---	PASS
			30~1000	-39.49	≤ -24.58	PASS
			1000~26500	-40.14	≤ -24.58	PASS
	Ant4	2427	Reference	4.47	---	PASS
			30~1000	-39.81	≤ -25.53	PASS
			1000~26500	-40.51	≤ -25.53	PASS
	Ant3	2437	Reference	5.30	---	PASS
			30~1000	-40.06	≤ -24.7	PASS
			1000~26500	-40.36	≤ -24.7	PASS
	Ant4	2447	Reference	2.10	---	PASS
			30~1000	-40.33	≤ -27.9	PASS
			1000~26500	-40.47	≤ -27.9	PASS
	Ant3	2447	Reference	2.68	---	PASS
			30~1000	-40.42	≤ -27.32	PASS
			1000~26500	-39.38	≤ -27.32	PASS
	Ant3	2452	Reference	1.85	---	PASS

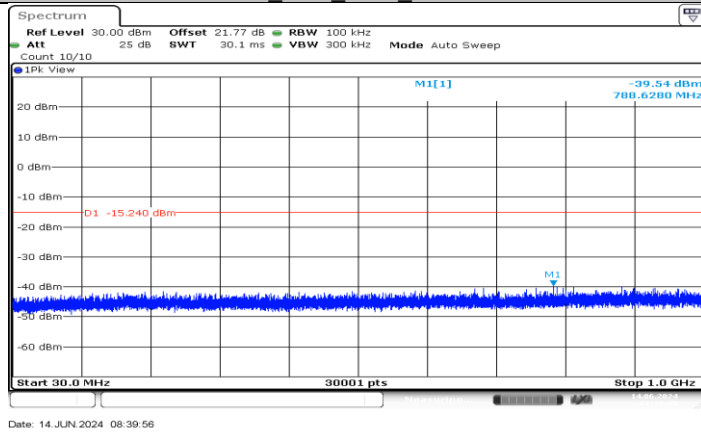
			30~1000	-40.01	≤ -28.15	PASS
			1000~26500	-40.64	≤ -28.15	PASS
	Ant4	2452	Reference	1.26	---	PASS
			30~1000	-40.06	≤ -28.74	PASS
			1000~26500	-39.85	≤ -28.74	PASS

11.6.2. Test Graphs

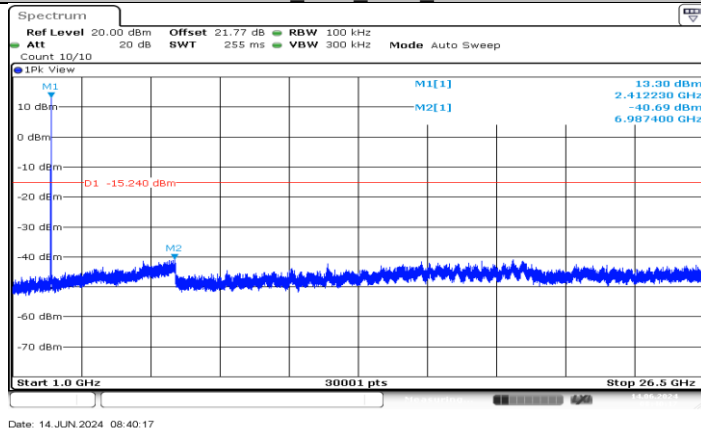




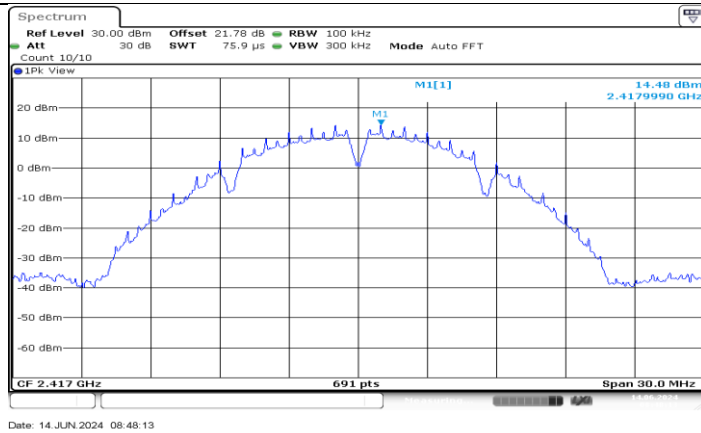
11B-CDD_Ant4_2412_0-Reference



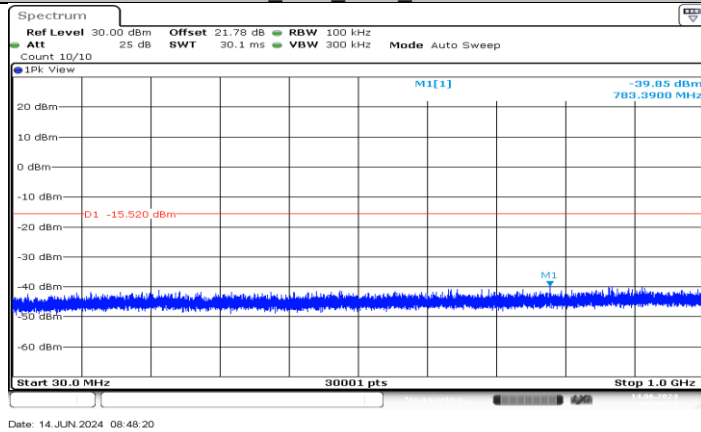
11B-CDD_Ant4_2412_30-1000



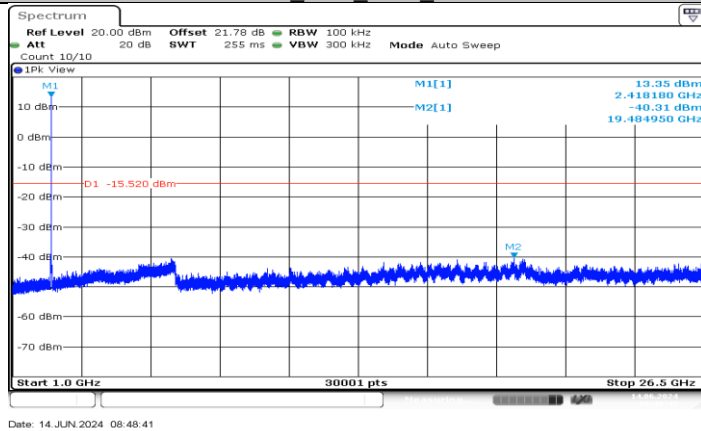
11B-CDD_Ant4_2412_1000-26500



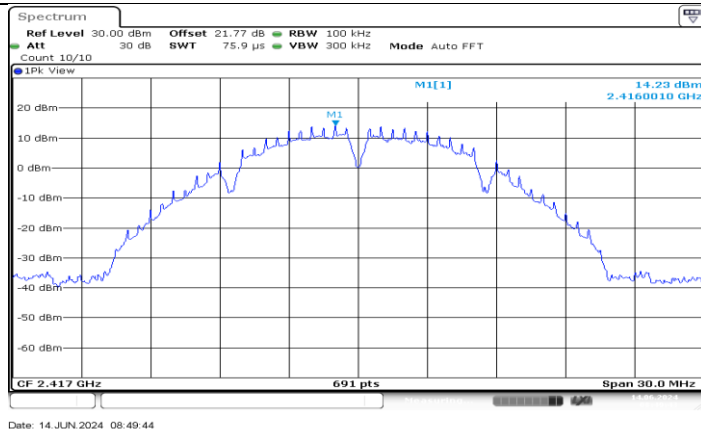
11B-CDD_Ant3_2417_0-Reference



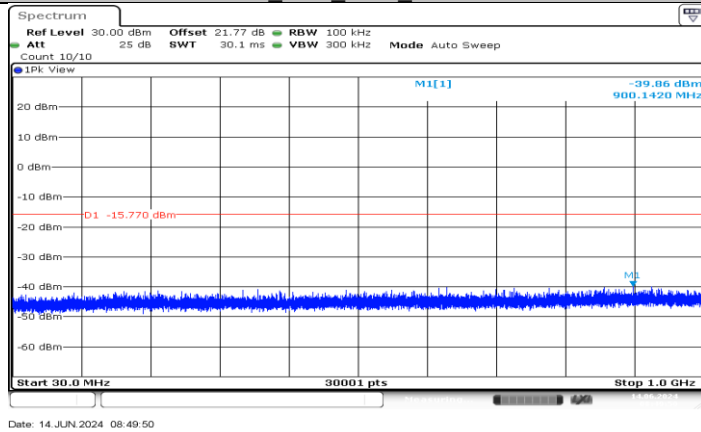
11B-CDD_Ant3_2417_30-1000



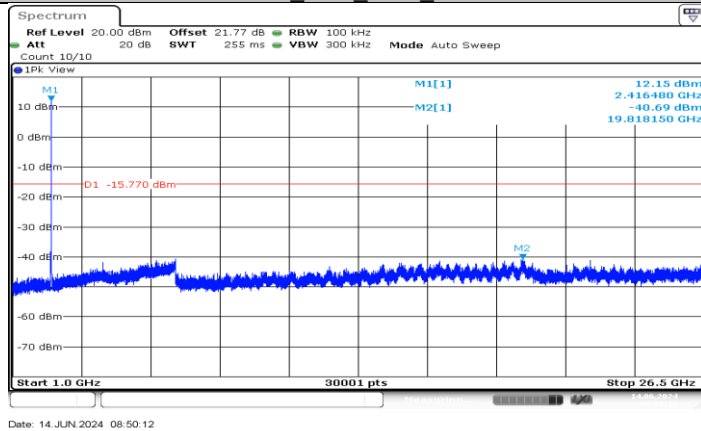
11B-CDD_Ant3_2417_1000-26500



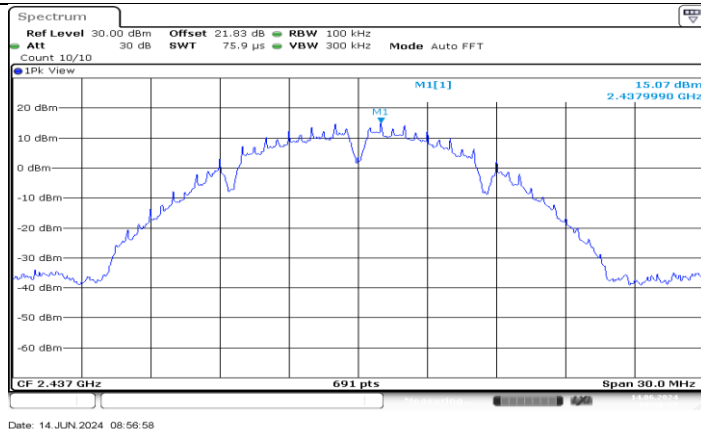
11B-CDD_Ant4_2417_0-Reference



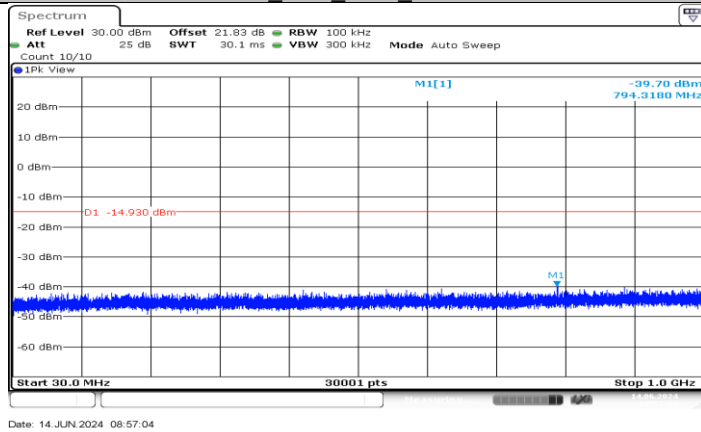
11B-CDD_Ant4_2417_30-1000



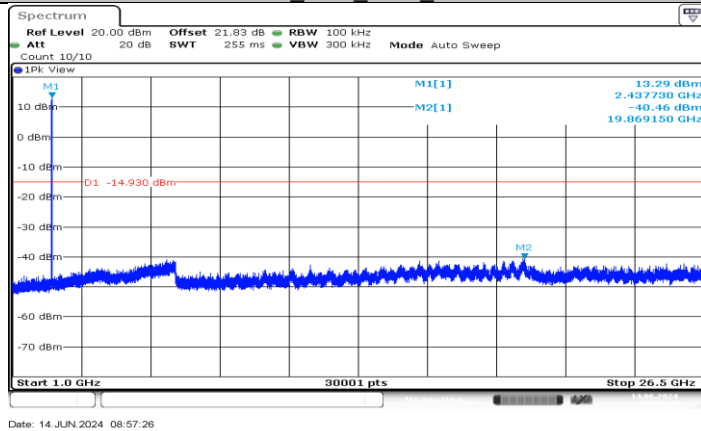
11B-CDD_Ant4_2417_1000-26500



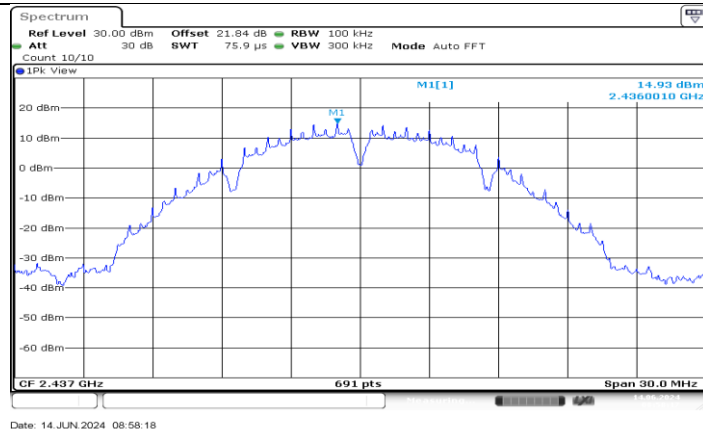
11B-CDD_Ant3_2437_0-Reference



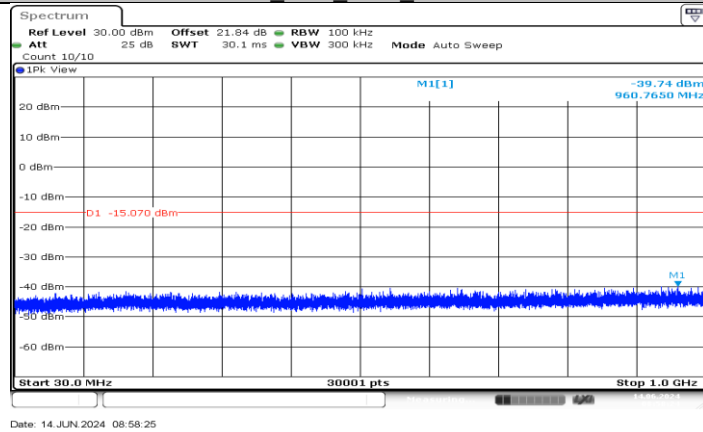
11B-CDD_Ant3_2437_30-1000



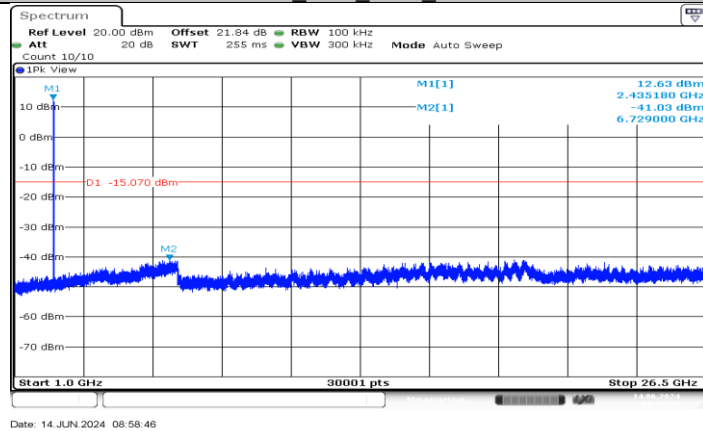
11B-CDD_Ant3_2437_1000-26500



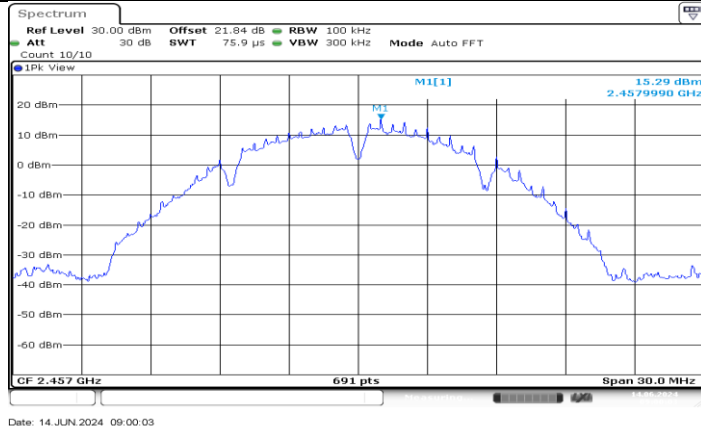
11B-CDD_Ant4_2437_0-Reference



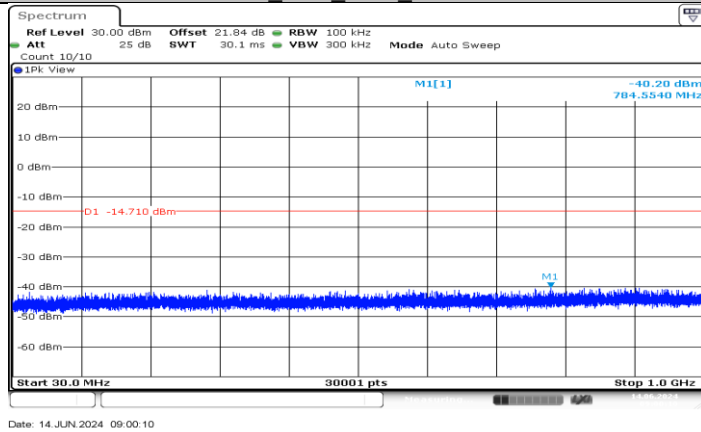
11B-CDD_Ant4_2437_30-1000



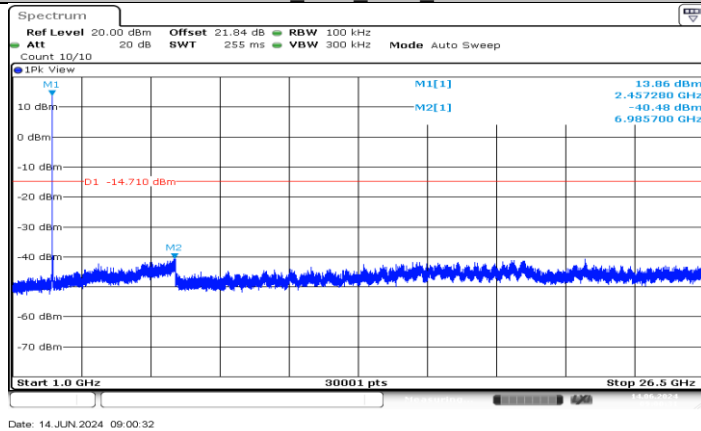
11B-CDD_Ant4_2437_1000-26500



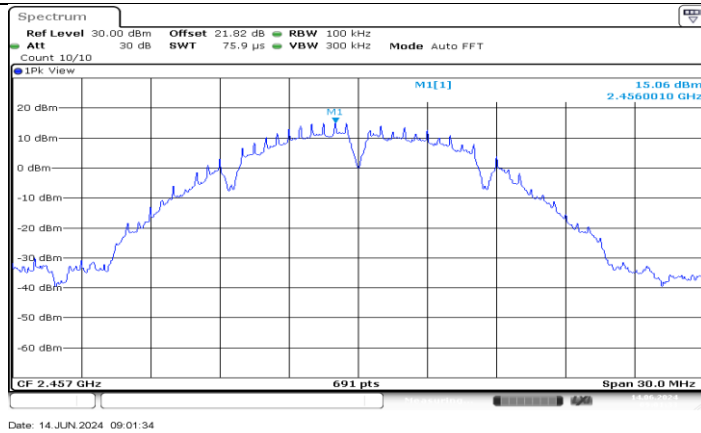
11B-CDD_Ant3_2457_0-Reference



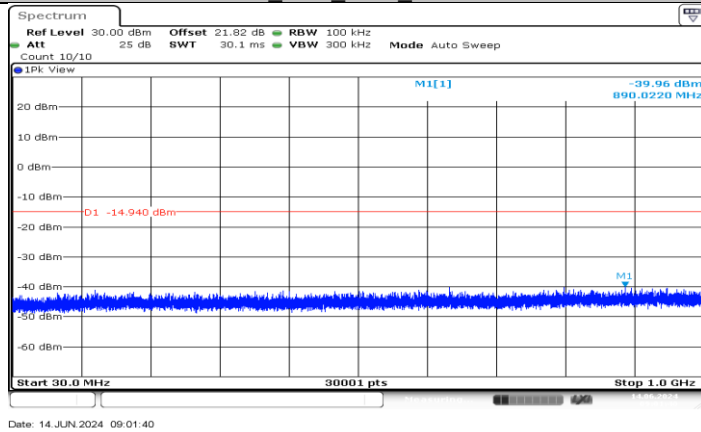
11B-CDD_Ant3_2457_30-1000



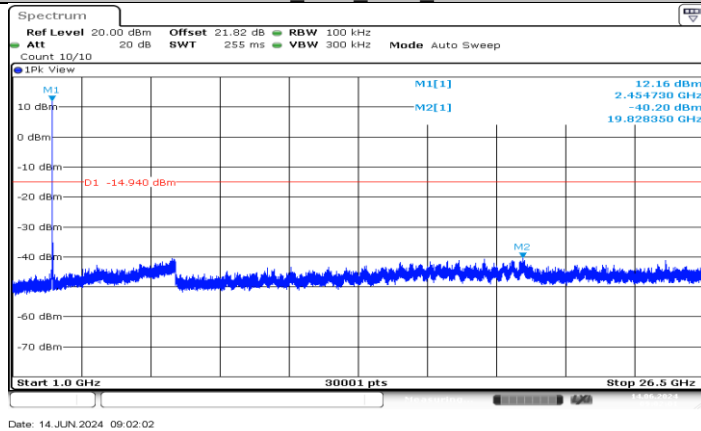
11B-CDD_Ant3_2457_1000-26500



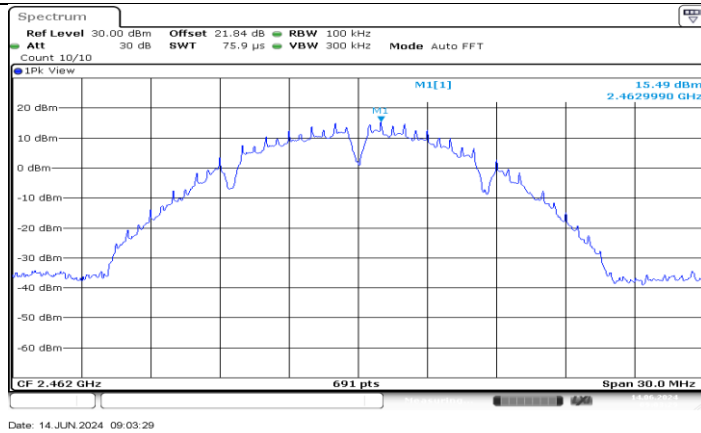
11B-CDD_Ant4_2457_0-Reference



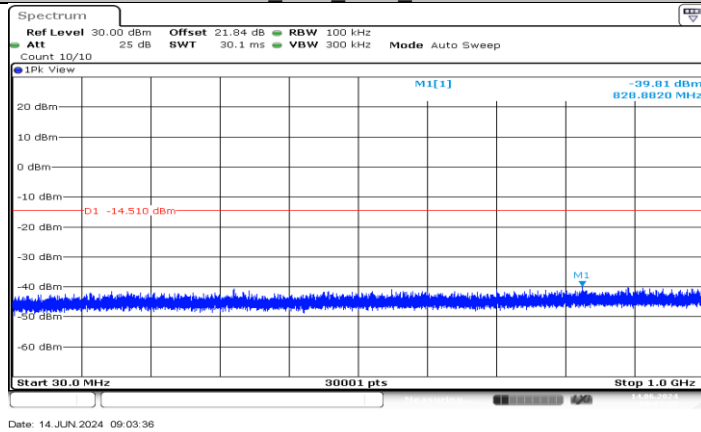
11B-CDD_Ant4_2457_30-1000



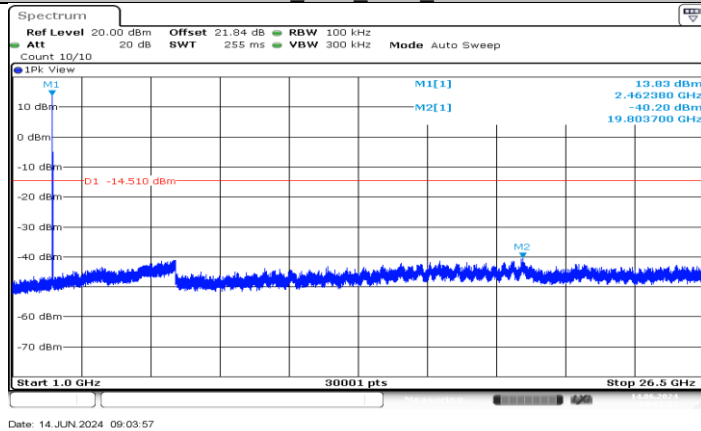
11B-CDD_Ant4_2457_1000-26500



11B-CDD_Ant3_2462_0-Reference



11B-CDD_Ant3_2462_30-1000



11B-CDD_Ant3_2462_1000-26500