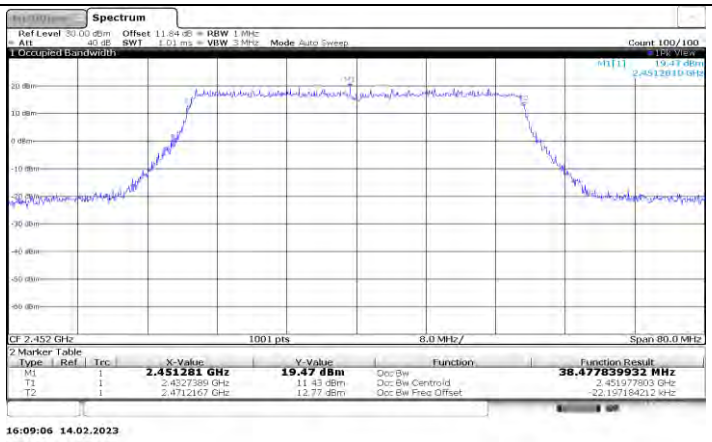

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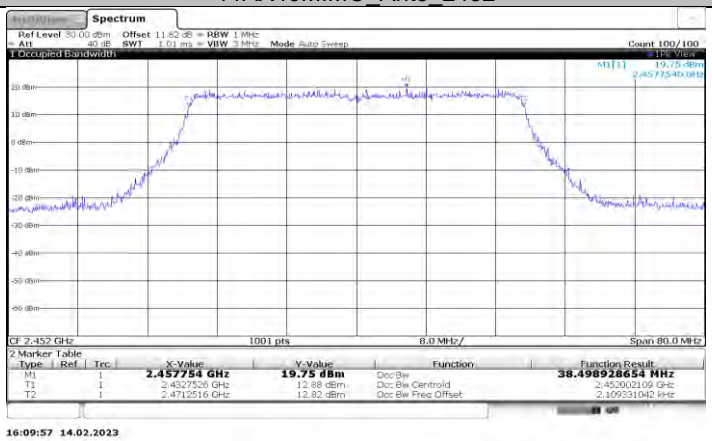

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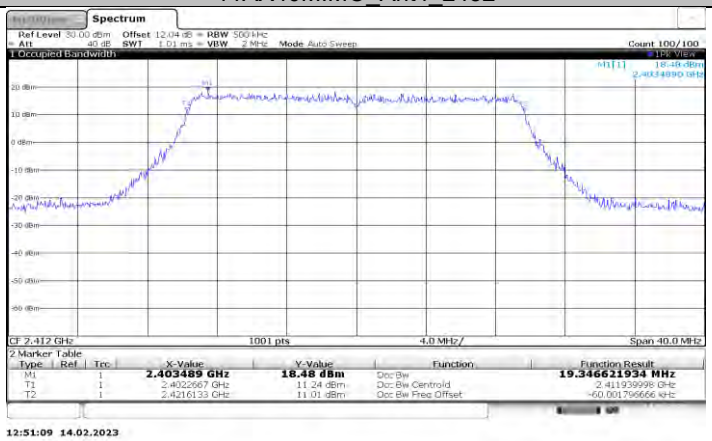

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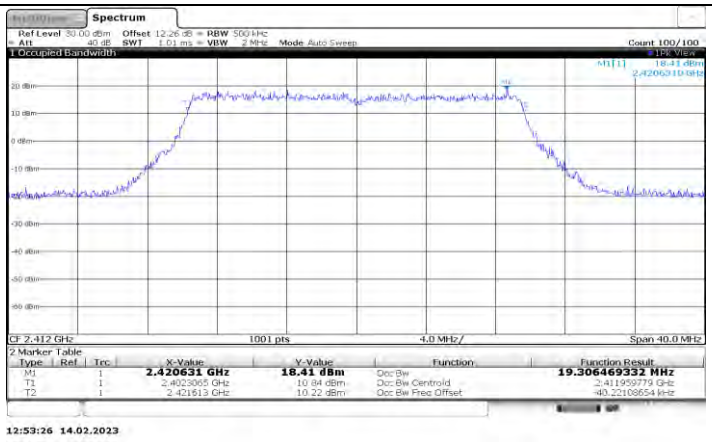

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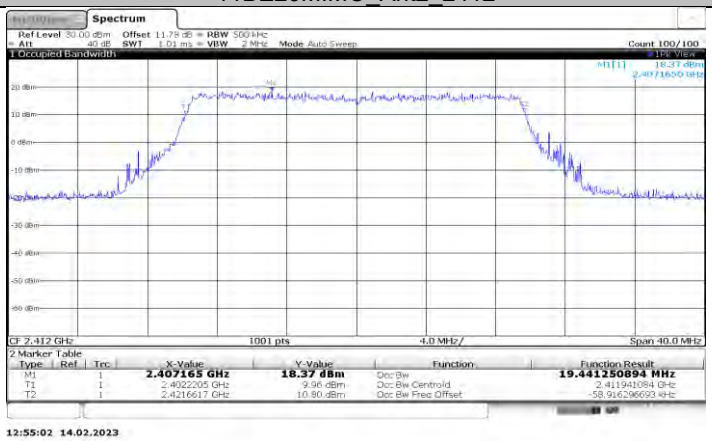

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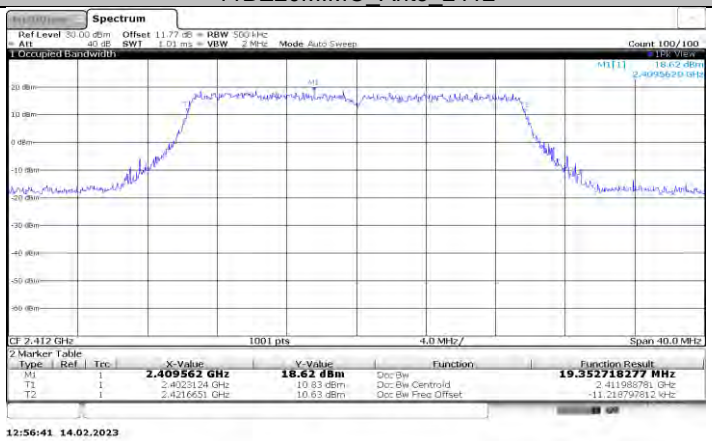

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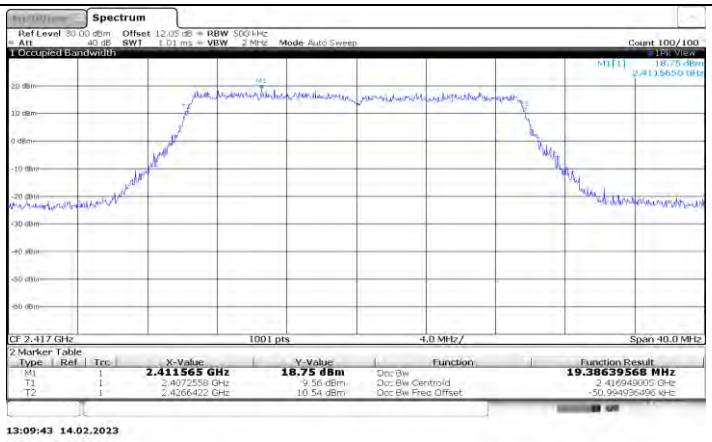

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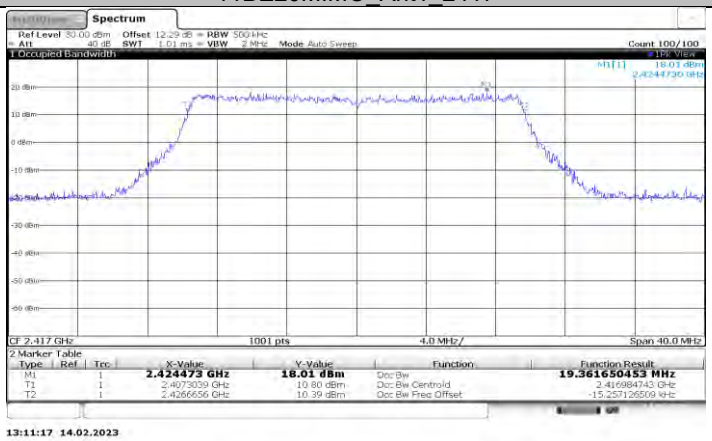

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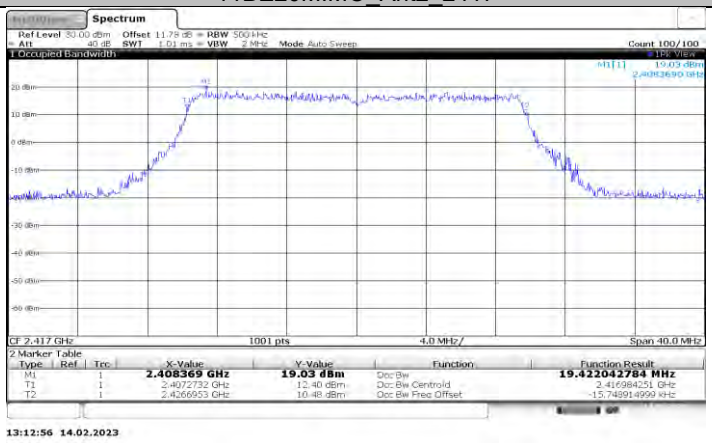

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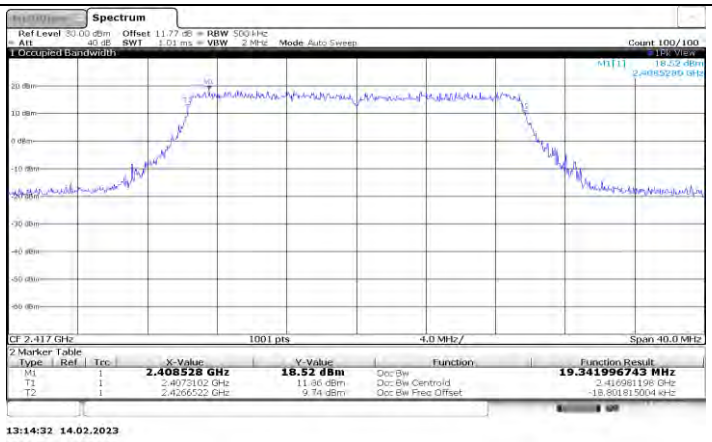

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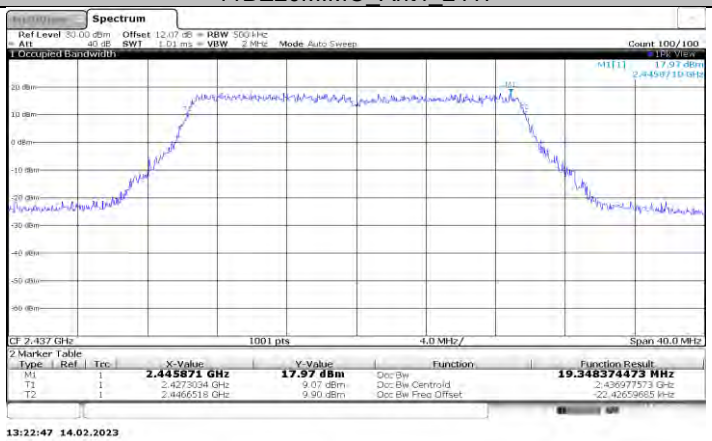

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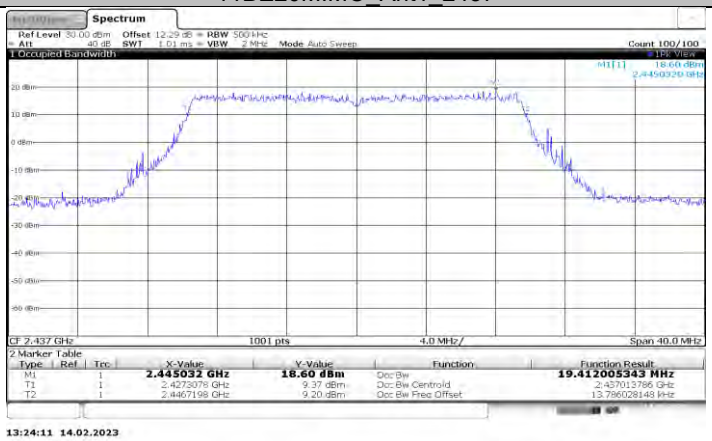

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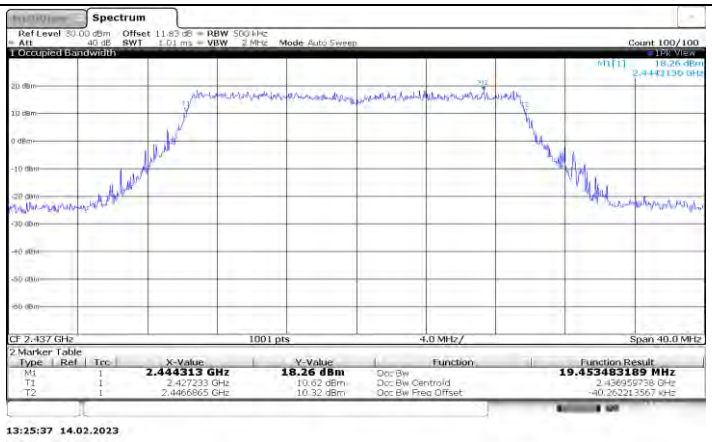

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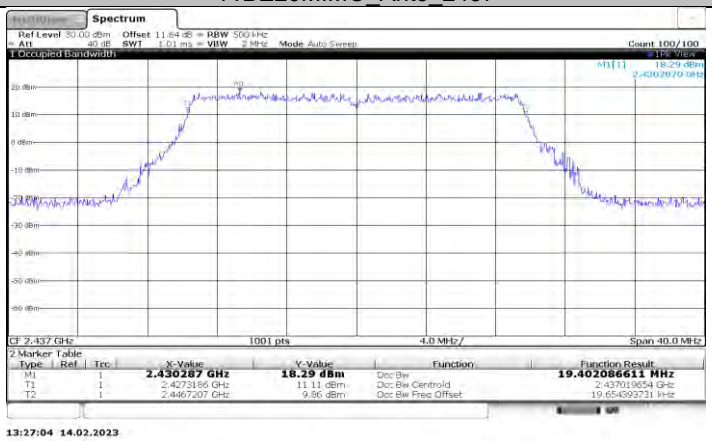

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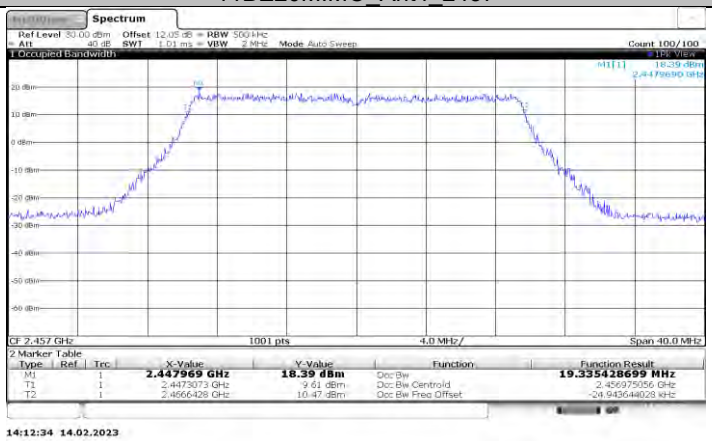

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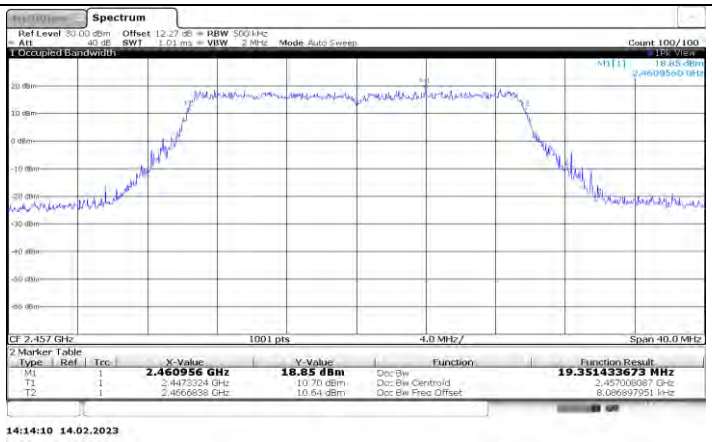

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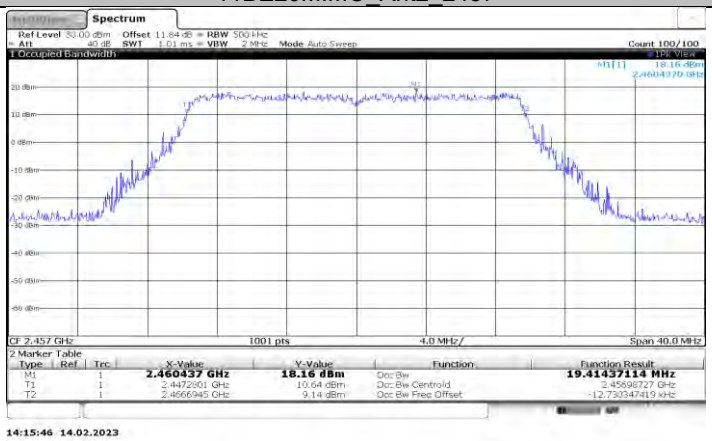

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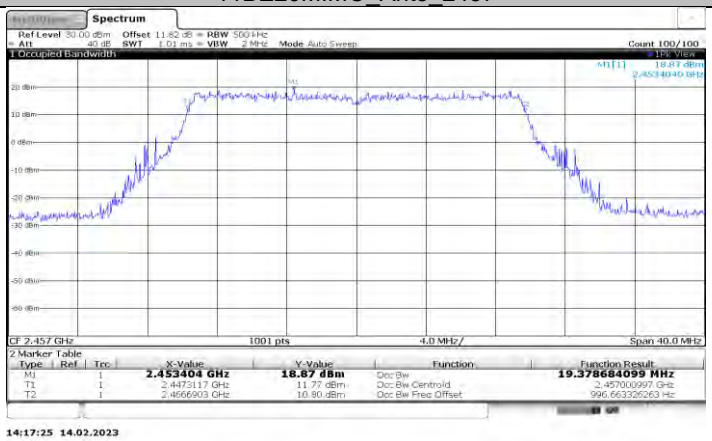

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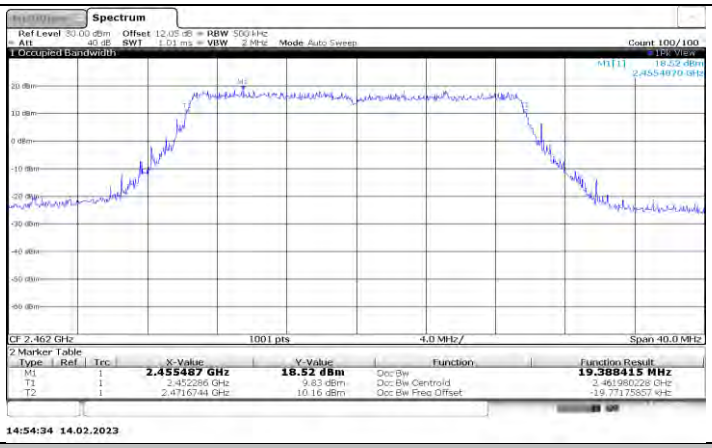

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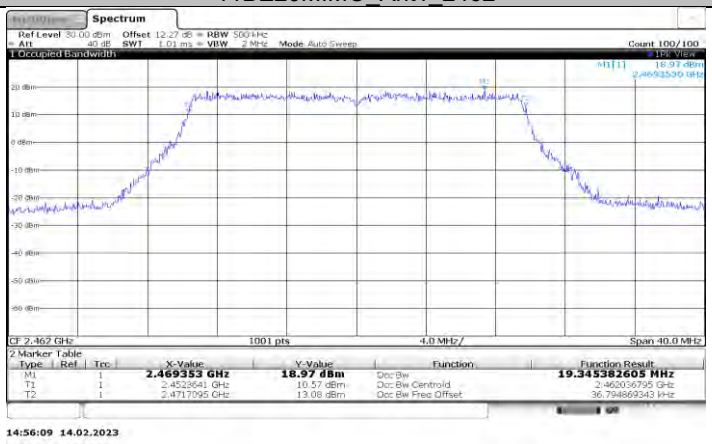

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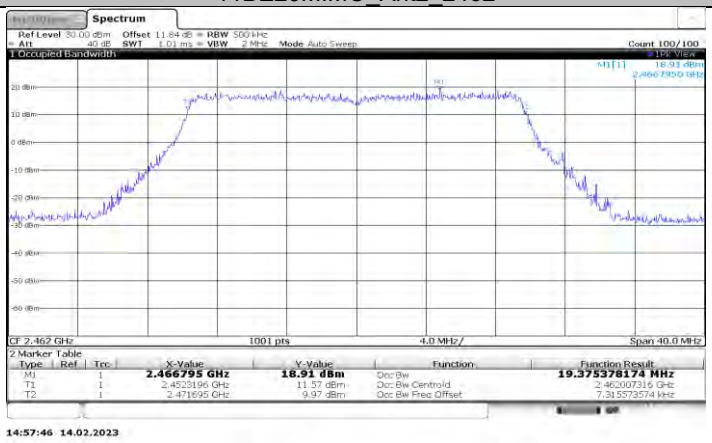

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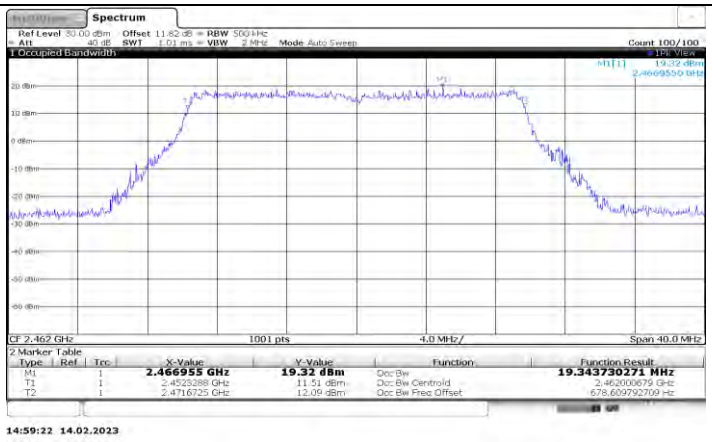

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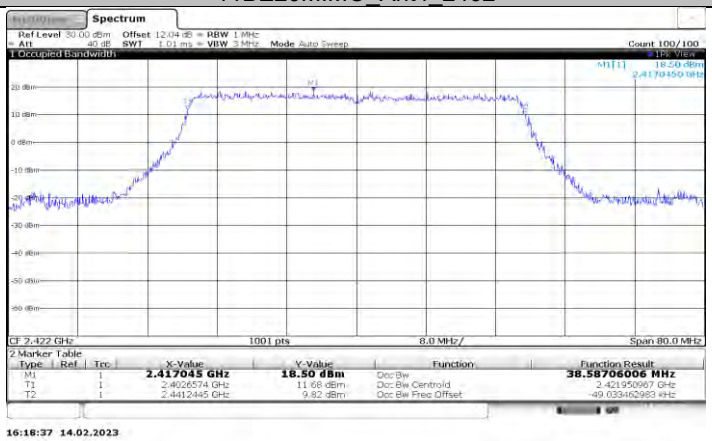

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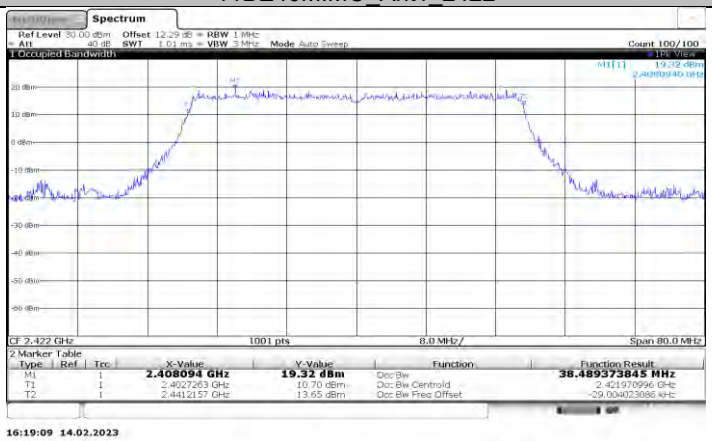

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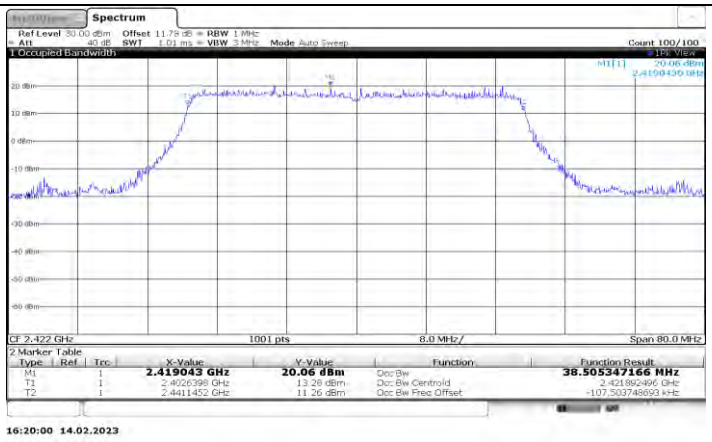

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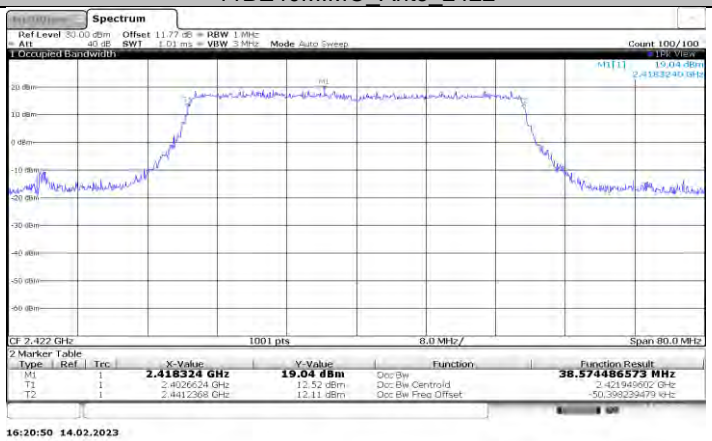

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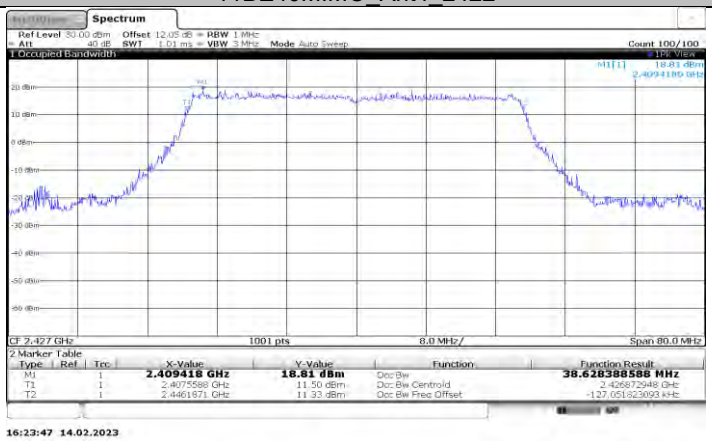

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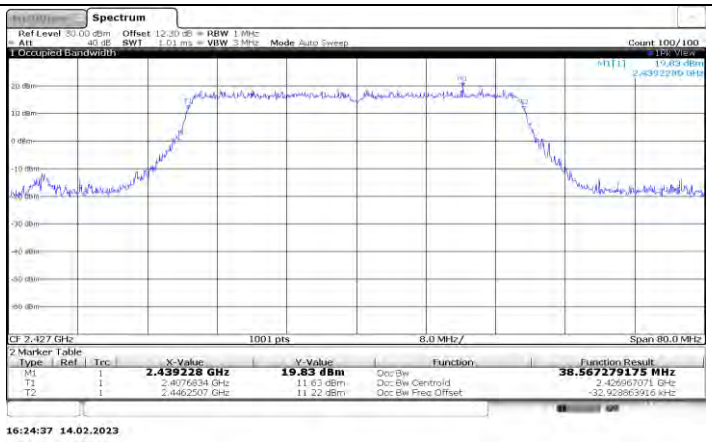

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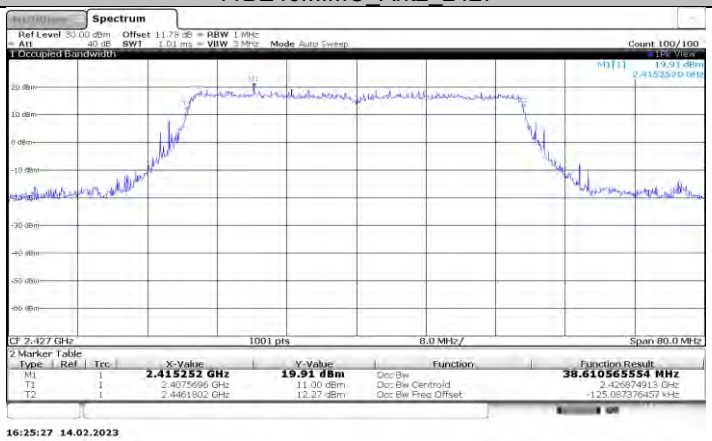

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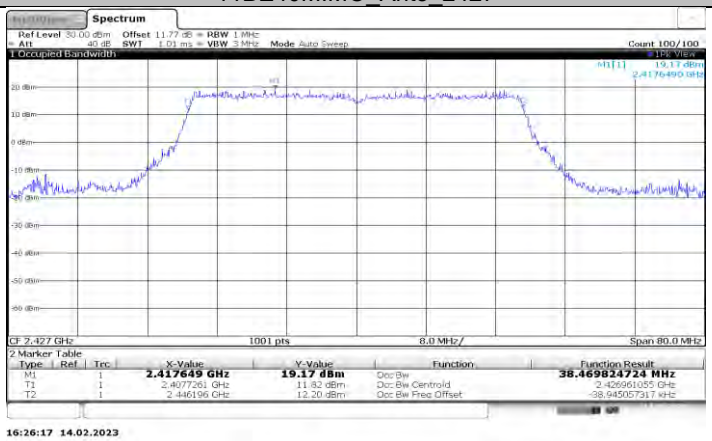

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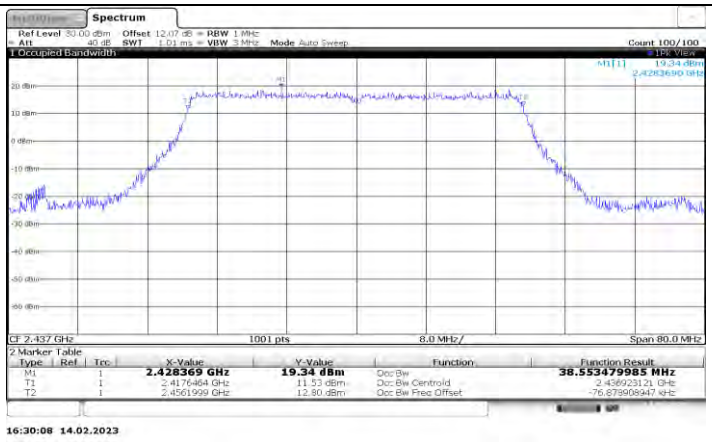

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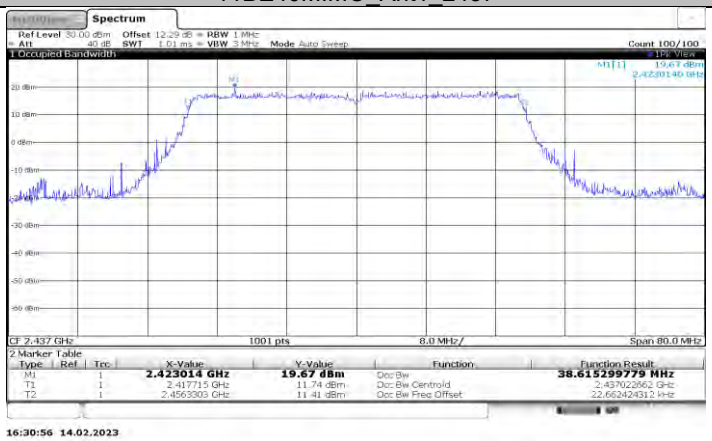

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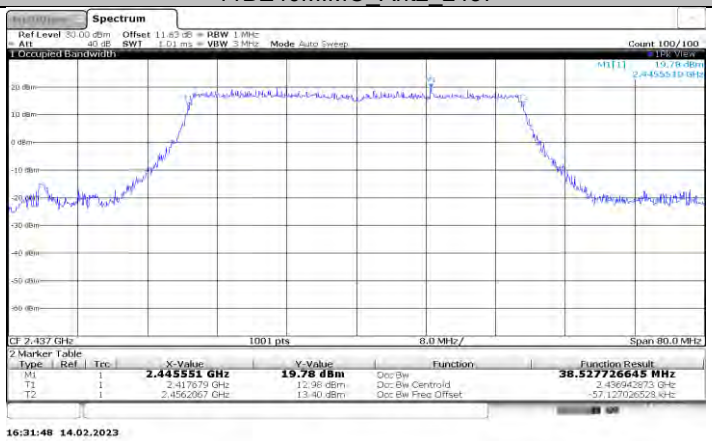

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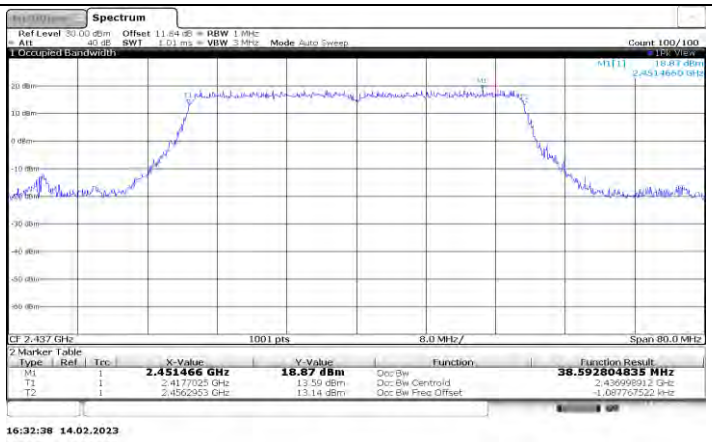

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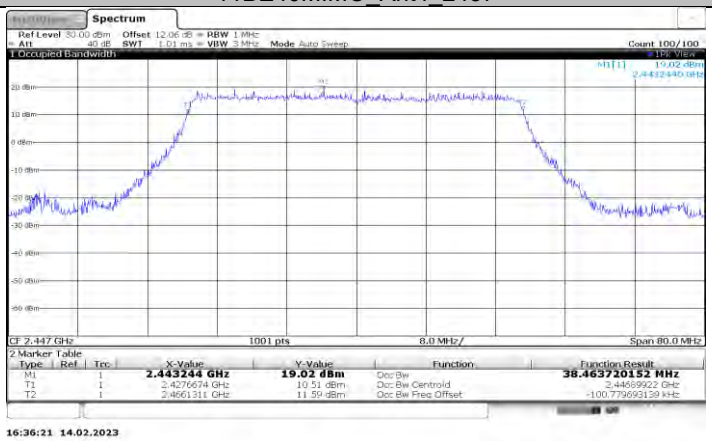

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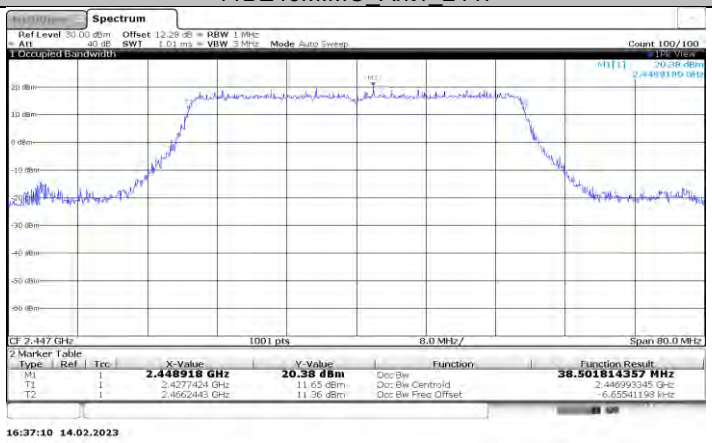

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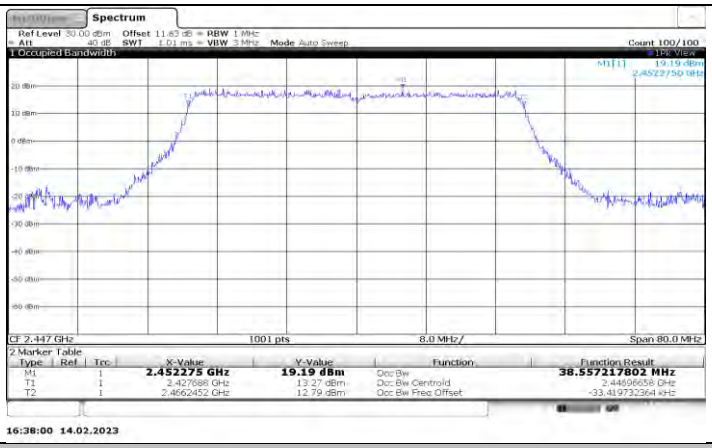

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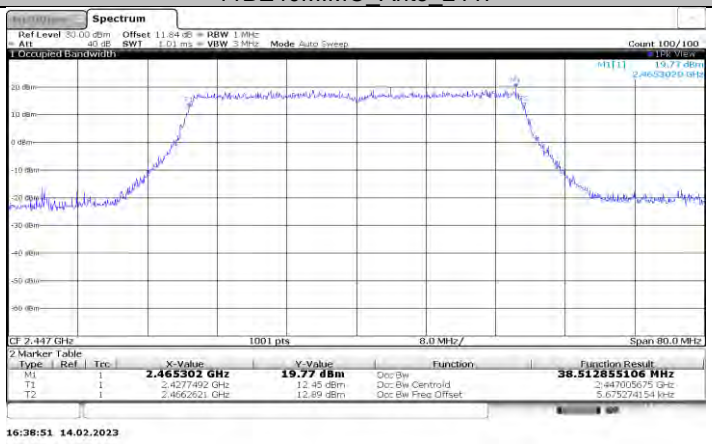

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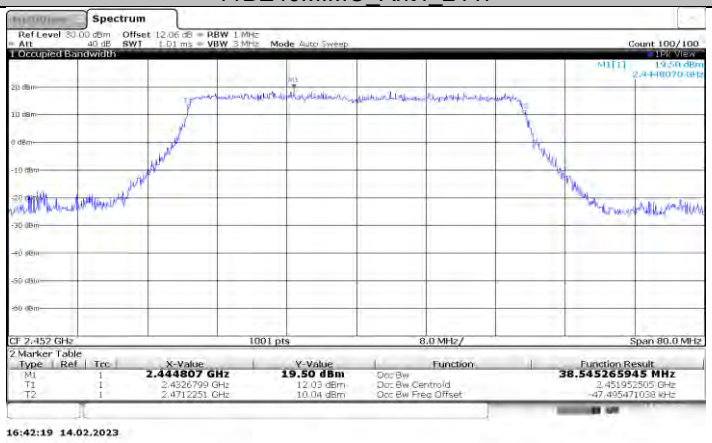

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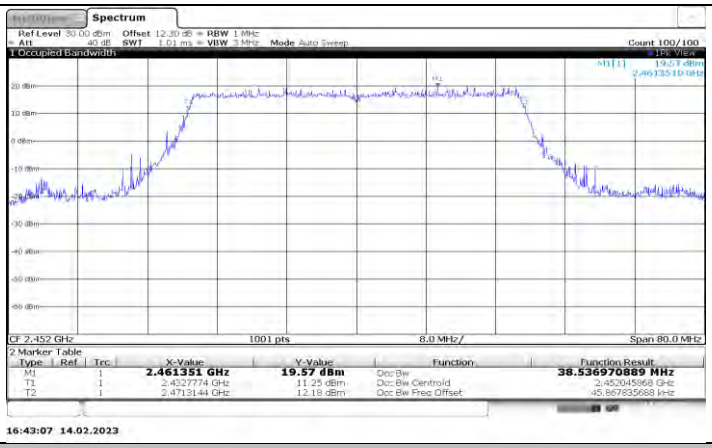

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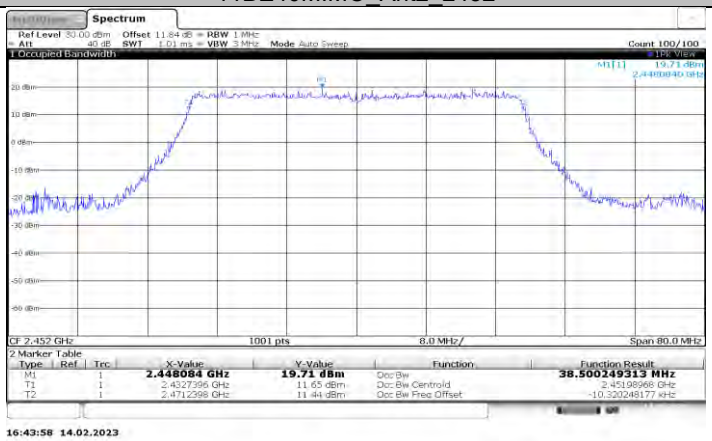

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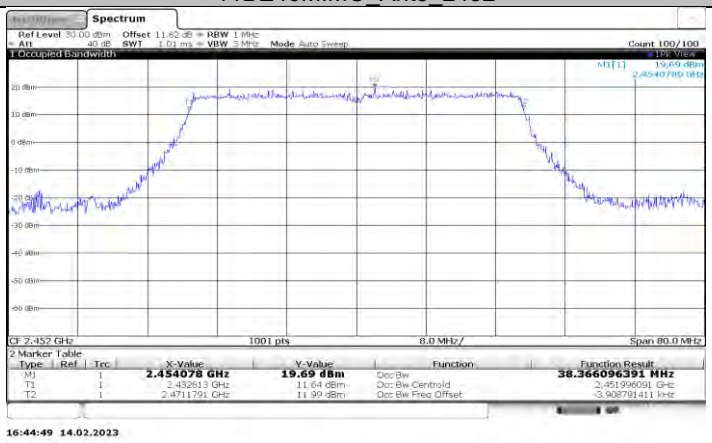

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11.3. APPENDIX C: MAXIMUM CONDUCTED OUTPUT POWER

11.3.1. Test Result without TX beamforming

Test Mode	Antenna	Channel	Conducted Result[dBm]	Conducted Limit [dBm]	EIRP Result [dBm]	EIRP Limit [dBm]	Verdict
11B-CDD	Ant1	2412	22.58	≤30.00	24.58	≤36.02	PASS
	Ant2	2412	22.69	≤30.00	24.69	≤36.02	PASS
	Ant3	2412	22.76	≤30.00	24.76	≤36.02	PASS
	Ant4	2412	22.71	≤30.00	24.71	≤36.02	PASS
	total	2412	28.71	≤30.00	30.71	≤36.02	PASS
	Ant1	2417	22.72	≤30.00	24.72	≤36.02	PASS
	Ant2	2417	22.57	≤30.00	24.57	≤36.02	PASS
	Ant3	2417	22.68	≤30.00	24.68	≤36.02	PASS
	Ant4	2417	22.90	≤30.00	24.9	≤36.02	PASS
	total	2417	28.74	≤30.00	30.74	≤36.02	PASS
	Ant1	2437	23.39	≤30.00	25.39	≤36.02	PASS
	Ant2	2437	23.59	≤30.00	25.59	≤36.02	PASS
	Ant3	2437	23.39	≤30.00	25.39	≤36.02	PASS
	Ant4	2437	23.33	≤30.00	25.33	≤36.02	PASS
	total	2437	29.45	≤30.00	31.45	≤36.02	PASS
	Ant1	2457	20.21	≤30.00	22.21	≤36.02	PASS
	Ant2	2457	20.86	≤30.00	22.86	≤36.02	PASS
	Ant3	2457	20.46	≤30.00	22.46	≤36.02	PASS
	Ant4	2457	20.84	≤30.00	22.84	≤36.02	PASS
	total	2457	26.62	≤30.00	28.62	≤36.02	PASS
	Ant1	2462	20.41	≤30.00	22.41	≤36.02	PASS
	Ant2	2462	21.00	≤30.00	23	≤36.02	PASS
	Ant3	2462	20.49	≤30.00	22.49	≤36.02	PASS
	Ant4	2462	20.83	≤30.00	22.83	≤36.02	PASS
	total	2462	26.71	≤30.00	28.71	≤36.02	PASS
11G-CDD	Ant1	2412	19.21	≤30.00	21.21	≤36.02	PASS
	Ant2	2412	19.11	≤30.00	21.11	≤36.02	PASS
	Ant3	2412	19.38	≤30.00	21.38	≤36.02	PASS
	Ant4	2412	19.53	≤30.00	21.53	≤36.02	PASS
	total	2412	25.33	≤30.00	27.33	≤36.02	PASS
	Ant1	2417	19.07	≤30.00	21.07	≤36.02	PASS
	Ant2	2417	19.18	≤30.00	21.18	≤36.02	PASS
	Ant3	2417	19.41	≤30.00	21.41	≤36.02	PASS
	Ant4	2417	19.41	≤30.00	21.41	≤36.02	PASS
	total	2417	25.29	≤30.00	27.29	≤36.02	PASS
	Ant1	2437	21.92	≤30.00	23.92	≤36.02	PASS
	Ant2	2437	22.37	≤30.00	24.37	≤36.02	PASS
	Ant3	2437	22.45	≤30.00	24.45	≤36.02	PASS
	Ant4	2437	22.46	≤30.00	24.46	≤36.02	PASS
	total	2437	28.33	≤30.00	30.33	≤36.02	PASS
	Ant1	2457	18.71	≤30.00	20.71	≤36.02	PASS
	Ant2	2457	19.50	≤30.00	21.5	≤36.02	PASS
	Ant3	2457	19.43	≤30.00	21.43	≤36.02	PASS
	Ant4	2457	19.40	≤30.00	21.4	≤36.02	PASS
	total	2457	25.29	≤30.00	27.29	≤36.02	PASS
	Ant1	2462	17.87	≤30.00	19.87	≤36.02	PASS
	Ant2	2462	18.60	≤30.00	20.6	≤36.02	PASS
	Ant3	2462	18.47	≤30.00	20.47	≤36.02	PASS
	Ant4	2462	18.57	≤30.00	20.57	≤36.02	PASS
	total	2462	24.41	≤30.00	26.41	≤36.02	PASS
11AX20MIMO	Ant1	2412	19.19	≤30.00	21.19	≤36.02	PASS
	Ant2	2412	19.37	≤30.00	21.37	≤36.02	PASS
	Ant3	2412	19.56	≤30.00	21.56	≤36.02	PASS
	Ant4	2412	19.62	≤30.00	21.62	≤36.02	PASS

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	total	2412	25.46	≤30.00	27.46	≤36.02	PASS
	Ant1	2417	19.18	≤30.00	21.18	≤36.02	PASS
	Ant2	2417	19.24	≤30.00	21.24	≤36.02	PASS
	Ant3	2417	19.48	≤30.00	21.48	≤36.02	PASS
	Ant4	2417	19.57	≤30.00	21.57	≤36.02	PASS
	total	2417	25.39	≤30.00	27.39	≤36.02	PASS
	Ant1	2437	20.87	≤30.00	22.87	≤36.02	PASS
	Ant2	2437	21.35	≤30.00	23.35	≤36.02	PASS
	Ant3	2437	21.55	≤30.00	23.55	≤36.02	PASS
	Ant4	2437	21.46	≤30.00	23.46	≤36.02	PASS
	total	2437	27.34	≤30.00	29.34	≤36.02	PASS
	Ant1	2457	17.87	≤30.00	19.87	≤36.02	PASS
	Ant2	2457	18.66	≤30.00	20.66	≤36.02	PASS
	Ant3	2457	18.37	≤30.00	20.37	≤36.02	PASS
	Ant4	2457	18.52	≤30.00	20.52	≤36.02	PASS
	total	2457	24.39	≤30.00	26.39	≤36.02	PASS
	Ant1	2462	18.01	≤30.00	20.01	≤36.02	PASS
	Ant2	2462	18.65	≤30.00	20.65	≤36.02	PASS
	Ant3	2462	18.42	≤30.00	20.42	≤36.02	PASS
	Ant4	2462	18.65	≤30.00	20.65	≤36.02	PASS
	total	2462	24.46	≤30.00	26.46	≤36.02	PASS
11AX40MIMO	Ant1	2422	19.33	≤30.00	21.33	≤36.02	PASS
	Ant2	2422	20.25	≤30.00	22.25	≤36.02	PASS
	Ant3	2422	20.68	≤30.00	22.68	≤36.02	PASS
	Ant4	2422	20.56	≤30.00	22.56	≤36.02	PASS
	total	2422	26.66	≤30.00	28.66	≤36.02	PASS
	Ant1	2427	20.20	≤30.00	22.2	≤36.02	PASS
	Ant2	2427	20.30	≤30.00	22.3	≤36.02	PASS
	Ant3	2427	20.67	≤30.00	22.67	≤36.02	PASS
	Ant4	2427	20.42	≤30.00	22.42	≤36.02	PASS
	total	2427	26.42	≤30.00	28.42	≤36.02	PASS
	Ant1	2437	20.01	≤30.00	22.01	≤36.02	PASS
	Ant2	2437	20.44	≤30.00	22.44	≤36.02	PASS
	Ant3	2437	20.57	≤30.00	22.57	≤36.02	PASS
	Ant4	2437	20.54	≤30.00	22.54	≤36.02	PASS
	total	2437	26.42	≤30.00	28.42	≤36.02	PASS
	Ant1	2447	18.94	≤30.00	20.94	≤36.02	PASS
	Ant2	2447	19.52	≤30.00	21.52	≤36.02	PASS
	Ant3	2447	19.66	≤30.00	21.66	≤36.02	PASS
	Ant4	2447	19.65	≤30.00	21.65	≤36.02	PASS
	total	2447	25.47	≤30.00	27.47	≤36.02	PASS
	Ant1	2452	19.02	≤30.00	21.02	≤36.02	PASS
	Ant2	2452	19.63	≤30.00	21.63	≤36.02	PASS
	Ant3	2452	19.59	≤30.00	21.59	≤36.02	PASS
	Ant4	2452	19.62	≤30.00	21.62	≤36.02	PASS
	total	2452	25.49	≤30.00	27.49	≤36.02	PASS
11BE20MIMO	Ant1	2412	20.09	≤30.00	22.09	≤36.02	PASS
	Ant2	2412	19.20	≤30.00	21.2	≤36.02	PASS
	Ant3	2412	19.60	≤30.00	21.6	≤36.02	PASS
	Ant4	2412	19.51	≤30.00	21.51	≤36.02	PASS
	total	2412	25.63	≤30.00	27.63	≤36.02	PASS
	Ant1	2417	19.14	≤30.00	21.14	≤36.02	PASS
	Ant2	2417	19.25	≤30.00	21.25	≤36.02	PASS
	Ant3	2417	19.51	≤30.00	21.51	≤36.02	PASS
	Ant4	2417	19.53	≤30.00	21.53	≤36.02	PASS
	total	2417	25.38	≤30.00	27.38	≤36.02	PASS
	Ant1	2437	20.84	≤30.00	22.84	≤36.02	PASS
	Ant2	2437	21.34	≤30.00	23.34	≤36.02	PASS
	Ant3	2437	21.52	≤30.00	23.52	≤36.02	PASS
	Ant4	2437	21.46	≤30.00	23.46	≤36.02	PASS
	total	2437	27.32	≤30.00	29.32	≤36.02	PASS
	Ant1	2457	17.91	≤30.00	19.91	≤36.02	PASS
	Ant2	2457	18.66	≤30.00	20.66	≤36.02	PASS

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	Ant3	2457	18.43	≤30.00	20.43	≤36.02	PASS
	Ant4	2457	18.57	≤30.00	20.57	≤36.02	PASS
	total	2457	24.42	≤30.00	26.42	≤36.02	PASS
	Ant1	2462	18.03	≤30.00	20.03	≤36.02	PASS
	Ant2	2462	18.63	≤30.00	20.63	≤36.02	PASS
	Ant3	2462	18.44	≤30.00	20.44	≤36.02	PASS
	Ant4	2462	18.69	≤30.00	20.69	≤36.02	PASS
	total	2462	24.48	≤30.00	26.48	≤36.02	PASS
11BE40MIMO	Ant1	2422	20.78	≤30.00	22.78	≤36.02	PASS
	Ant2	2422	20.22	≤30.00	22.22	≤36.02	PASS
	Ant3	2422	20.47	≤30.00	22.47	≤36.02	PASS
	Ant4	2422	20.24	≤30.00	22.24	≤36.02	PASS
	total	2422	26.45	≤30.00	28.45	≤36.02	PASS
	Ant1	2427	19.96	≤30.00	21.96	≤36.02	PASS
	Ant2	2427	20.17	≤30.00	22.17	≤36.02	PASS
	Ant3	2427	20.35	≤30.00	22.35	≤36.02	PASS
	Ant4	2427	20.40	≤30.00	22.4	≤36.02	PASS
	total	2427	26.24	≤30.00	28.24	≤36.02	PASS
	Ant1	2437	20.90	≤30.00	22.9	≤36.02	PASS
	Ant2	2437	21.40	≤30.00	23.4	≤36.02	PASS
	Ant3	2437	21.45	≤30.00	23.45	≤36.02	PASS
	Ant4	2437	21.54	≤30.00	23.54	≤36.02	PASS
	total	2437	27.35	≤30.00	29.35	≤36.02	PASS
	Ant1	2447	18.93	≤30.00	20.93	≤36.02	PASS
	Ant2	2447	19.39	≤30.00	21.39	≤36.02	PASS
	Ant3	2447	19.37	≤30.00	21.37	≤36.02	PASS
	Ant4	2447	19.55	≤30.00	21.55	≤36.02	PASS
	total	2447	25.34	≤30.00	27.34	≤36.02	PASS
	Ant1	2452	18.85	≤30.00	20.85	≤36.02	PASS
	Ant2	2452	19.54	≤30.00	21.54	≤36.02	PASS
	Ant3	2452	19.45	≤30.00	21.45	≤36.02	PASS
	Ant4	2452	19.49	≤30.00	21.49	≤36.02	PASS
	total	2452	25.36	≤30.00	27.36	≤36.02	PASS

Note: 1. Conducted Power=Meas. Level+ Correction Factor
2. The Duty Cycle Factor (refer to section 7.5) had already compensated to the test data.

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11.3.2. Test Result with TX beamforming

Test Mode	Antenna	Channel	Conducted Result[dBm]	Conducted Limit [dBm]	EIRP Result [dBm]	EIRP Limit [dBm]	Verdict
11AX20MIMO	Ant1	2412	13.10	≤29.33	21.10	≤36.02	PASS
	Ant2	2412	13.21	≤29.33	21.21	≤36.02	PASS
	Ant3	2412	13.28	≤29.33	21.28	≤36.02	PASS
	Ant4	2412	13.35	≤29.33	21.35	≤36.02	PASS
	total	2412	19.26	≤29.33	27.26	≤36.02	PASS
	Ant1	2417	12.97	≤29.33	20.97	≤36.02	PASS
	Ant2	2417	13.02	≤29.33	21.02	≤36.02	PASS
	Ant3	2417	13.21	≤29.33	21.21	≤36.02	PASS
	Ant4	2417	13.29	≤29.33	21.29	≤36.02	PASS
	total	2417	19.15	≤29.33	27.15	≤36.02	PASS
	Ant1	2437	14.53	≤29.33	22.53	≤36.02	PASS
	Ant2	2437	15.10	≤29.33	23.10	≤36.02	PASS
	Ant3	2437	15.27	≤29.33	23.27	≤36.02	PASS
	Ant4	2437	15.31	≤29.33	23.31	≤36.02	PASS
	total	2437	21.08	≤29.33	29.08	≤36.02	PASS
	Ant1	2457	11.63	≤29.33	19.63	≤36.02	PASS
	Ant2	2457	12.45	≤29.33	20.45	≤36.02	PASS
	Ant3	2457	12.19	≤29.33	20.19	≤36.02	PASS
	Ant4	2457	12.34	≤29.33	20.34	≤36.02	PASS
	total	2457	18.18	≤29.33	26.18	≤36.02	PASS
	Ant1	2462	11.88	≤29.33	19.88	≤36.02	PASS
	Ant2	2462	12.33	≤29.33	20.33	≤36.02	PASS
	Ant3	2462	12.28	≤29.33	20.28	≤36.02	PASS
	Ant4	2462	12.41	≤29.33	20.41	≤36.02	PASS
	total	2462	18.25	≤29.33	26.25	≤36.02	PASS
11AX40MIMO	Ant1	2422	13.19	≤29.33	21.19	≤36.02	PASS
	Ant2	2422	14.20	≤29.33	22.20	≤36.02	PASS
	Ant3	2422	14.32	≤29.33	22.32	≤36.02	PASS
	Ant4	2422	14.29	≤29.33	22.29	≤36.02	PASS
	total	2422	20.04	≤29.33	28.04	≤36.02	PASS
	Ant1	2427	14.10	≤29.33	22.10	≤36.02	PASS
	Ant2	2427	14.12	≤29.33	22.12	≤36.02	PASS
	Ant3	2427	14.30	≤29.33	22.30	≤36.02	PASS
	Ant4	2427	14.18	≤29.33	22.18	≤36.02	PASS
	total	2427	20.20	≤29.33	28.20	≤36.02	PASS
	Ant1	2437	13.79	≤29.33	21.79	≤36.02	PASS
	Ant2	2437	14.16	≤29.33	22.16	≤36.02	PASS

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	Ant3	2437	14.31	≤29.33	22.31	≤36.02	PASS
	Ant4	2437	14.26	≤29.33	22.26	≤36.02	PASS
	total	2437	20.16	≤29.33	28.16	≤36.02	PASS
	Ant1	2447	12.67	≤29.33	20.67	≤36.02	PASS
	Ant2	2447	13.34	≤29.33	21.34	≤36.02	PASS
	Ant3	2447	13.42	≤29.33	21.42	≤36.02	PASS
	Ant4	2447	13.44	≤29.33	21.44	≤36.02	PASS
	total	2447	19.25	≤29.33	27.25	≤36.02	PASS
	Ant1	2452	12.83	≤29.33	20.83	≤36.02	PASS
	Ant2	2452	13.47	≤29.33	21.47	≤36.02	PASS
	Ant3	2452	13.33	≤29.33	21.33	≤36.02	PASS
	Ant4	2452	13.48	≤29.33	21.48	≤36.02	PASS
	total	2452	19.31	≤29.33	27.31	≤36.02	PASS
11BE20MIMO	Ant1	2412	13.88	≤29.33	21.88	≤36.02	PASS
	Ant2	2412	12.99	≤29.33	20.99	≤36.02	PASS
	Ant3	2412	13.44	≤29.33	21.44	≤36.02	PASS
	Ant4	2412	13.35	≤29.33	21.35	≤36.02	PASS
	total	2412	19.45	≤29.33	27.45	≤36.02	PASS
	Ant1	2417	13.02	≤29.33	21.02	≤36.02	PASS
	Ant2	2417	13.07	≤29.33	21.07	≤36.02	PASS
	Ant3	2417	13.29	≤29.33	21.29	≤36.02	PASS
	Ant4	2417	13.21	≤29.33	21.21	≤36.02	PASS
	total	2417	19.17	≤29.33	27.17	≤36.02	PASS
	Ant1	2437	14.46	≤29.33	22.46	≤36.02	PASS
	Ant2	2437	15.17	≤29.33	23.17	≤36.02	PASS
	Ant3	2437	15.12	≤29.33	23.12	≤36.02	PASS
	Ant4	2437	15.25	≤29.33	23.25	≤36.02	PASS
	total	2437	21.03	≤29.33	29.03	≤36.02	PASS
	Ant1	2457	11.79	≤29.33	19.79	≤36.02	PASS
	Ant2	2457	12.43	≤29.33	20.43	≤36.02	PASS
	Ant3	2457	12.21	≤29.33	20.21	≤36.02	PASS
	Ant4	2457	12.37	≤29.33	20.37	≤36.02	PASS
	total	2457	18.23	≤29.33	26.23	≤36.02	PASS
	Ant1	2462	11.89	≤29.33	19.89	≤36.02	PASS
	Ant2	2462	12.42	≤29.33	20.42	≤36.02	PASS
	Ant3	2462	12.23	≤29.33	20.23	≤36.02	PASS
	Ant4	2462	12.46	≤29.33	20.46	≤36.02	PASS
	total	2462	18.28	≤29.33	26.28	≤36.02	PASS
11BE40MIMO	Ant1	2422	14.64	≤29.33	22.64	≤36.02	PASS
	Ant2	2422	14.01	≤29.33	22.01	≤36.02	PASS
	Ant3	2422	14.23	≤29.33	22.23	≤36.02	PASS

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	Ant4	2422	14.08	≤29.33	22.08	≤36.02	PASS
	total	2422	20.27	≤29.33	28.27	≤36.02	PASS
	Ant1	2427	13.67	≤29.33	21.67	≤36.02	PASS
	Ant2	2427	13.97	≤29.33	21.97	≤36.02	PASS
	Ant3	2427	14.12	≤29.33	22.12	≤36.02	PASS
	Ant4	2427	14.24	≤29.33	22.24	≤36.02	PASS
	total	2427	20.03	≤29.33	28.03	≤36.02	PASS
	Ant1	2437	14.68	≤29.33	22.68	≤36.02	PASS
	Ant2	2437	15.21	≤29.33	23.21	≤36.02	PASS
	Ant3	2437	15.22	≤29.33	23.22	≤36.02	PASS
	Ant4	2437	15.29	≤29.33	23.29	≤36.02	PASS
	total	2437	21.13	≤29.33	29.13	≤36.02	PASS
	Ant1	2447	12.70	≤29.33	20.70	≤36.02	PASS
	Ant2	2447	13.11	≤29.33	21.11	≤36.02	PASS
	Ant3	2447	13.23	≤29.33	21.23	≤36.02	PASS
	Ant4	2447	13.24	≤29.33	21.24	≤36.02	PASS
	total	2447	19.10	≤29.33	27.10	≤36.02	PASS
	Ant1	2452	12.69	≤29.33	20.69	≤36.02	PASS
	Ant2	2452	13.30	≤29.33	21.30	≤36.02	PASS
	Ant3	2452	13.19	≤29.33	21.19	≤36.02	PASS
	Ant4	2452	13.22	≤29.33	21.22	≤36.02	PASS
	total	2452	19.13	≤29.33	27.13	≤36.02	PASS

Note: 1. Conducted Power=Meas. Level+ Correction Factor
2. The Duty Cycle Factor (refer to section 7.5) had already compensated to the test data.

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11.4. APPENDIX D: MAXIMUM POWER SPECTRAL DENSITY

11.4.1. Test Result

Test Mode	Antenna	Channel	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
11B-CDD	Ant1	2412	-1.51	≤7.33	PASS
	Ant2	2412	-1.69	≤7.33	PASS
	Ant3	2412	-1.78	≤7.33	PASS
	Ant4	2412	-1.97	≤7.33	PASS
	total	2412	4.29	≤7.33	PASS
	Ant1	2417	-2.11	≤7.33	PASS
	Ant2	2417	-1.76	≤7.33	PASS
	Ant3	2417	-1.58	≤7.33	PASS
	Ant4	2417	-1.76	≤7.33	PASS
	total	2417	4.22	≤7.33	PASS
	Ant1	2437	-1.02	≤7.33	PASS
	Ant2	2437	-0.88	≤7.33	PASS
	Ant3	2437	-1.34	≤7.33	PASS
	Ant4	2437	-0.9	≤7.33	PASS
	total	2437	4.99	≤7.33	PASS
	Ant1	2457	-4.39	≤7.33	PASS
	Ant2	2457	-3.6	≤7.33	PASS
	Ant3	2457	-3.88	≤7.33	PASS
	Ant4	2457	-3.31	≤7.33	PASS
	total	2457	2.24	≤7.33	PASS
	Ant1	2462	-4.23	≤7.33	PASS
	Ant2	2462	-3.68	≤7.33	PASS
	Ant3	2462	-3.76	≤7.33	PASS
	Ant4	2462	-3.37	≤7.33	PASS
	total	2462	2.27	≤7.33	PASS
11G-CDD	Ant1	2412	-9.95	≤7.33	PASS
	Ant2	2412	-9.99	≤7.33	PASS
	Ant3	2412	-9.69	≤7.33	PASS
	Ant4	2412	-9.69	≤7.33	PASS
	total	2412	-3.81	≤7.33	PASS
	Ant1	2417	-10.13	≤7.33	PASS
	Ant2	2417	-9.75	≤7.33	PASS
	Ant3	2417	-9.61	≤7.33	PASS
	Ant4	2417	-9.6	≤7.33	PASS
	total	2417	-3.75	≤7.33	PASS
	Ant1	2437	-7.33	≤7.33	PASS
	Ant2	2437	-6.58	≤7.33	PASS
	Ant3	2437	-6.6	≤7.33	PASS
	Ant4	2437	-6.44	≤7.33	PASS
	total	2437	-0.70	≤7.33	PASS
	Ant1	2457	-10.4	≤7.33	PASS
	Ant2	2457	-9.51	≤7.33	PASS
	Ant3	2457	-9.68	≤7.33	PASS
	Ant4	2457	-9.54	≤7.33	PASS
	total	2457	-3.75	≤7.33	PASS
	Ant1	2462	-11.41	≤7.33	PASS
	Ant2	2462	-10.23	≤7.33	PASS
	Ant3	2462	-10.84	≤7.33	PASS
	Ant4	2462	-10.59	≤7.33	PASS
	total	2462	-4.73	≤7.33	PASS
11AX20MIMO	Ant1	2412	-11.19	≤7.33	PASS
	Ant2	2412	-11.11	≤7.33	PASS
	Ant3	2412	-10.67	≤7.33	PASS
	Ant4	2412	-10.66	≤7.33	PASS
	total	2412	-4.88	≤7.33	PASS

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	Ant1	2417	-10.97	≤7.33	PASS
	Ant2	2417	-11	≤7.33	PASS
	Ant3	2417	-10.66	≤7.33	PASS
	Ant4	2417	-10.39	≤7.33	PASS
	total	2417	-4.73	≤7.33	PASS
	Ant1	2437	-9.47	≤7.33	PASS
	Ant2	2437	-8.67	≤7.33	PASS
	Ant3	2437	-8.53	≤7.33	PASS
	Ant4	2437	-8.83	≤7.33	PASS
	total	2437	-2.84	≤7.33	PASS
	Ant1	2457	-12.4	≤7.33	PASS
	Ant2	2457	-11.39	≤7.33	PASS
	Ant3	2457	-11.76	≤7.33	PASS
	Ant4	2457	-11.65	≤7.33	PASS
	total	2457	-5.76	≤7.33	PASS
	Ant1	2462	-12.31	≤7.33	PASS
	Ant2	2462	-11.61	≤7.33	PASS
	Ant3	2462	-11.63	≤7.33	PASS
	Ant4	2462	-11.5	≤7.33	PASS
	total	2462	-5.73	≤7.33	PASS
11AX40MIMO	Ant1	2422	-13.16	≤7.33	PASS
	Ant2	2422	-12.89	≤7.33	PASS
	Ant3	2422	-12.21	≤7.33	PASS
	Ant4	2422	-12.59	≤7.33	PASS
	total	2422	-6.34	≤7.33	PASS
	Ant1	2427	-12.47	≤7.33	PASS
	Ant2	2427	-12.97	≤7.33	PASS
	Ant3	2427	-12.26	≤7.33	PASS
	Ant4	2427	-12.77	≤7.33	PASS
	total	2427	-6.59	≤7.33	PASS
	Ant1	2437	-12.85	≤7.33	PASS
	Ant2	2437	-12.87	≤7.33	PASS
	Ant3	2437	-12.38	≤7.33	PASS
	Ant4	2437	-12.75	≤7.33	PASS
	total	2437	-6.69	≤7.33	PASS
	Ant1	2447	-13.78	≤7.33	PASS
	Ant2	2447	-13.67	≤7.33	PASS
	Ant3	2447	-13.51	≤7.33	PASS
	Ant4	2447	-13.67	≤7.33	PASS
	total	2447	-7.64	≤7.33	PASS
	Ant1	2452	-14.02	≤7.33	PASS
	Ant2	2452	-13.73	≤7.33	PASS
	Ant3	2452	-13.56	≤7.33	PASS
	Ant4	2452	-13.69	≤7.33	PASS
	total	2452	-7.73	≤7.33	PASS
11BE20MIMO	Ant1	2412	-10.37	≤7.33	PASS
	Ant2	2412	-11.02	≤7.33	PASS
	Ant3	2412	-10.71	≤7.33	PASS
	Ant4	2412	-10.82	≤7.33	PASS
	total	2412	-4.70	≤7.33	PASS
	Ant1	2417	-11.27	≤7.33	PASS
	Ant2	2417	-11.16	≤7.33	PASS
	Ant3	2417	-10.84	≤7.33	PASS
	Ant4	2417	-10.54	≤7.33	PASS
	total	2417	-4.92	≤7.33	PASS
	Ant1	2437	-9.49	≤7.33	PASS
	Ant2	2437	-9.09	≤7.33	PASS
	Ant3	2437	-8.65	≤7.33	PASS
	Ant4	2437	-8.72	≤7.33	PASS
	total	2437	-2.95	≤7.33	PASS
	Ant1	2457	-12.5	≤7.33	PASS
	Ant2	2457	-11.52	≤7.33	PASS
	Ant3	2457	-11.55	≤7.33	PASS

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	Ant4	2457	-11.68	≤7.33	PASS
	total	2457	-5.77	≤7.33	PASS
	Ant1	2462	-12.28	≤7.33	PASS
	Ant2	2462	-11.43	≤7.33	PASS
	Ant3	2462	-11.87	≤7.33	PASS
	Ant4	2462	-11.52	≤7.33	PASS
	total	2462	-5.74	≤7.33	PASS
11BE40MIMO	Ant1	2422	-11.87	≤7.33	PASS
	Ant2	2422	-13.13	≤7.33	PASS
	Ant3	2422	-12.43	≤7.33	PASS
	Ant4	2422	-12.9	≤7.33	PASS
	total	2422	-6.53	≤7.33	PASS
	Ant1	2427	-12.87	≤7.33	PASS
	Ant2	2427	-13.09	≤7.33	PASS
	Ant3	2427	-12.71	≤7.33	PASS
	Ant4	2427	-12.81	≤7.33	PASS
	total	2427	-6.85	≤7.33	PASS
	Ant1	2437	-11.8	≤7.33	PASS
	Ant2	2437	-11.94	≤7.33	PASS
	Ant3	2437	-11.66	≤7.33	PASS
	Ant4	2437	-11.86	≤7.33	PASS
	total	2437	-5.79	≤7.33	PASS
	Ant1	2447	-14.17	≤7.33	PASS
	Ant2	2447	-13.99	≤7.33	PASS
	Ant3	2447	-13.61	≤7.33	PASS
	Ant4	2447	-13.73	≤7.33	PASS
	total	2447	-7.85	≤7.33	PASS
	Ant1	2452	-14.11	≤7.33	PASS
	Ant2	2452	-13.7	≤7.33	PASS
	Ant3	2452	-13.76	≤7.33	PASS
	Ant4	2452	-13.56	≤7.33	PASS
	total	2452	-7.76	≤7.33	PASS

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

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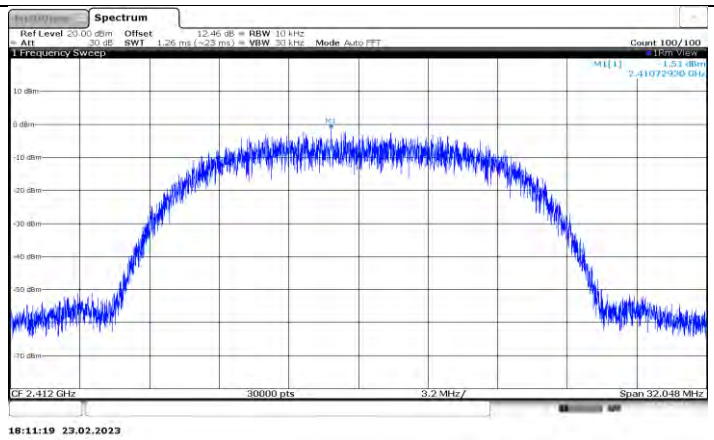
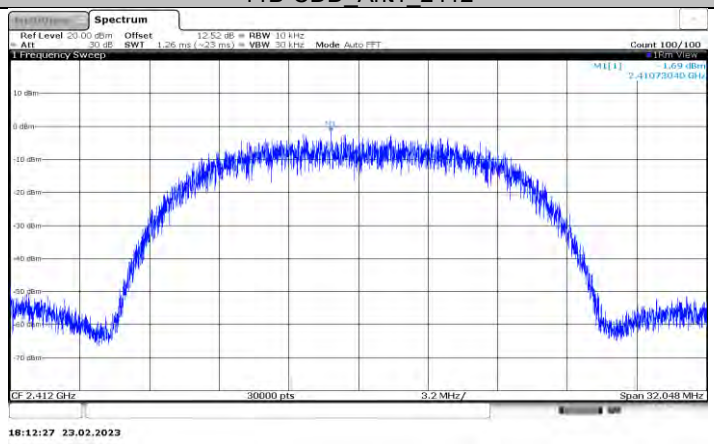
11.4.2. Test Graphs



11B-CDD_Ant1_2412



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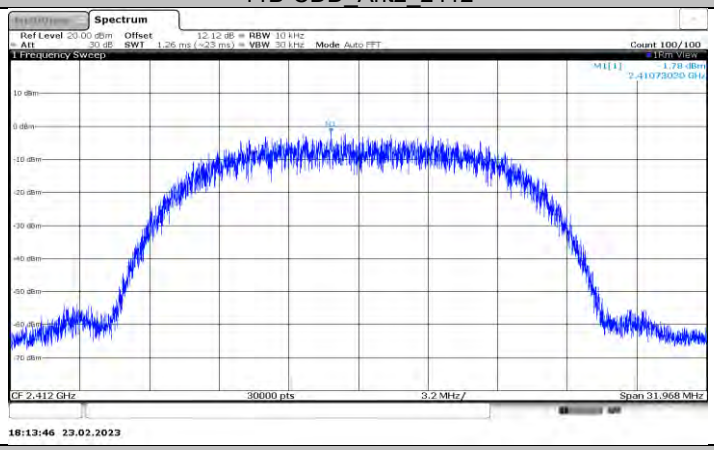

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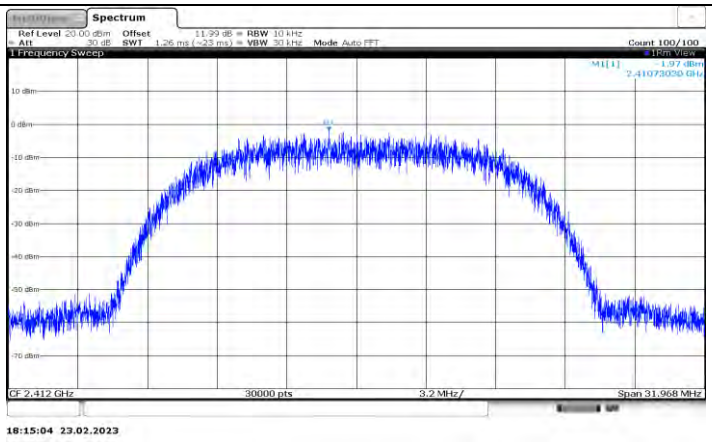

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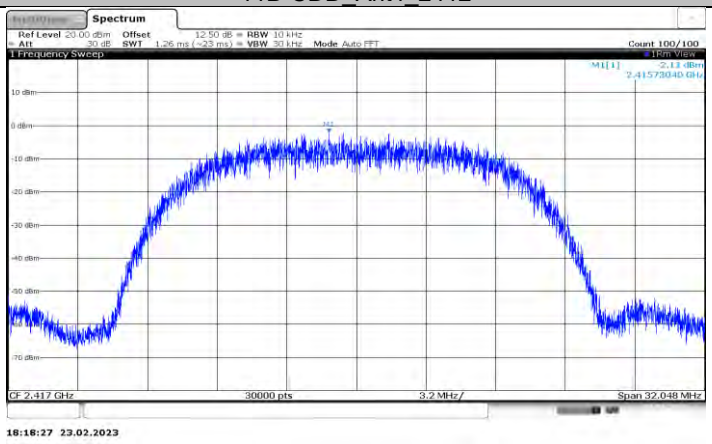

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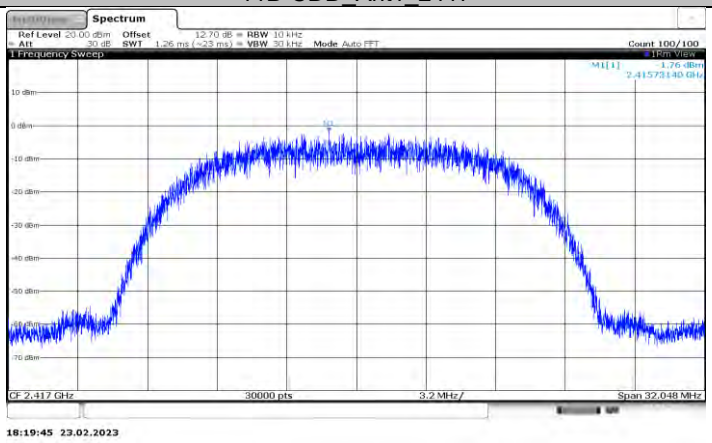

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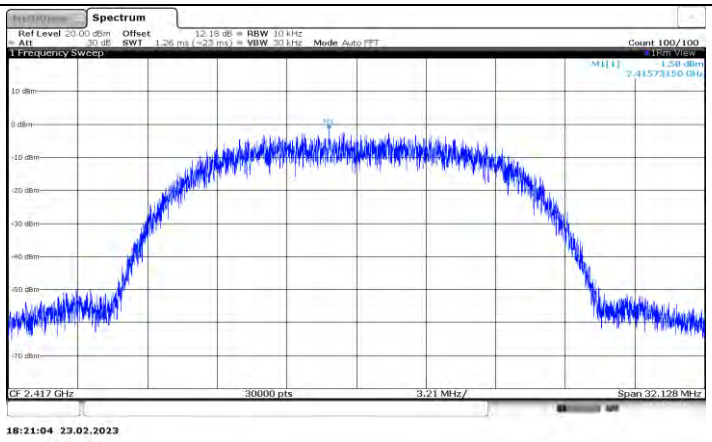

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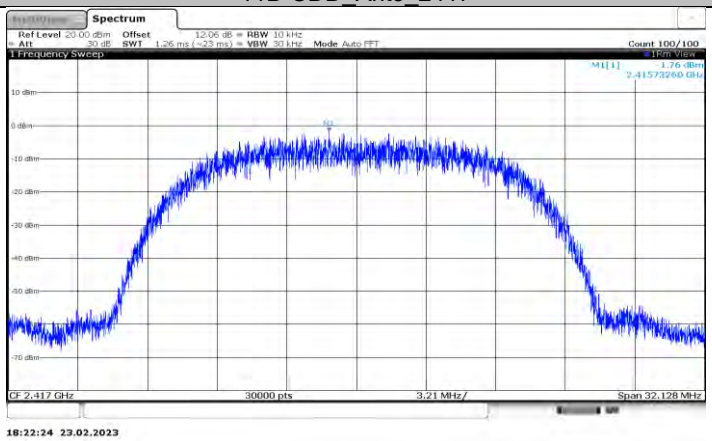

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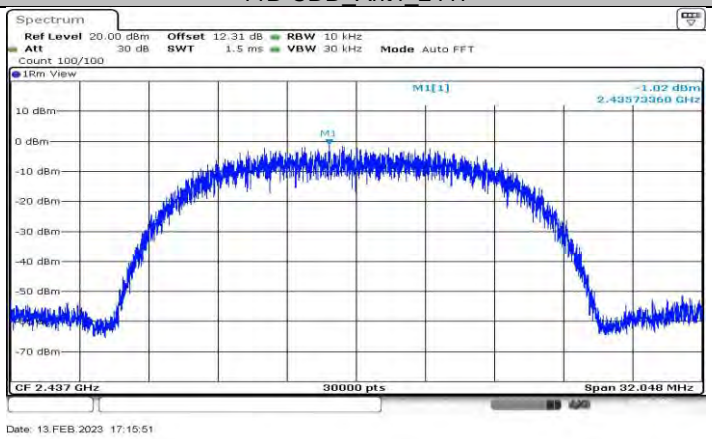

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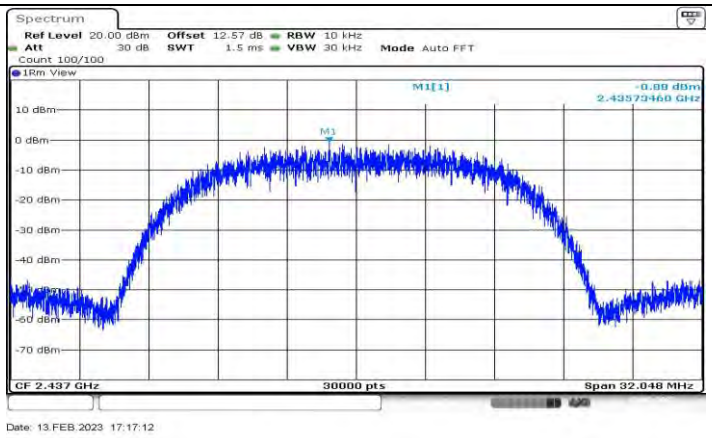

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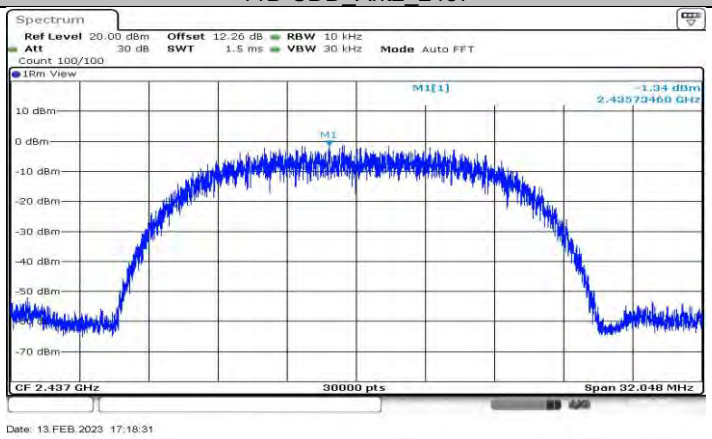

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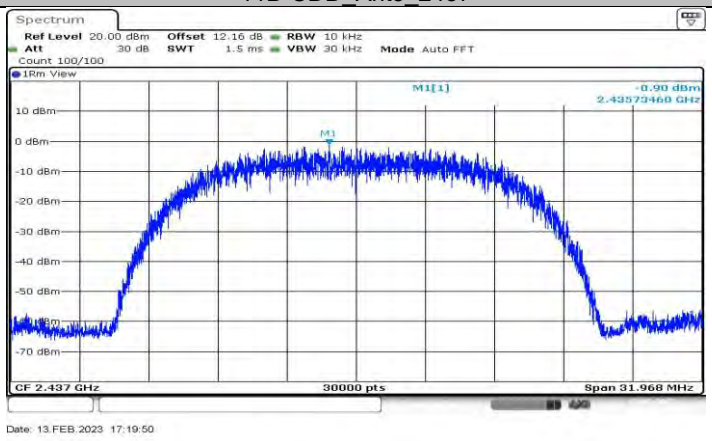

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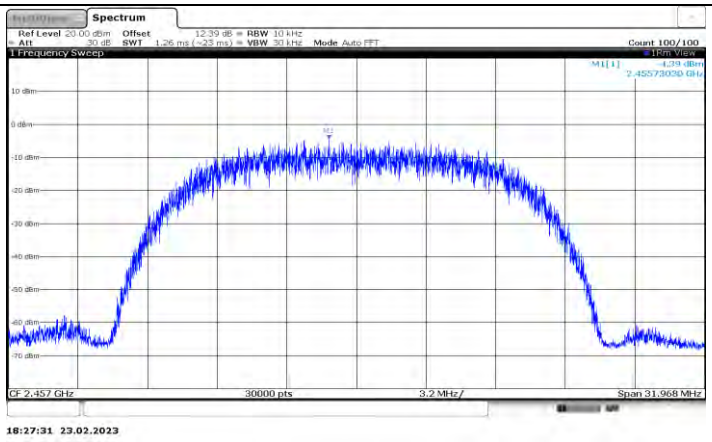

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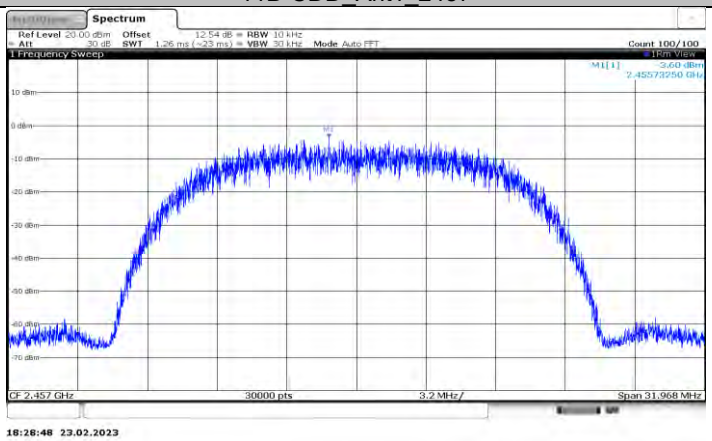

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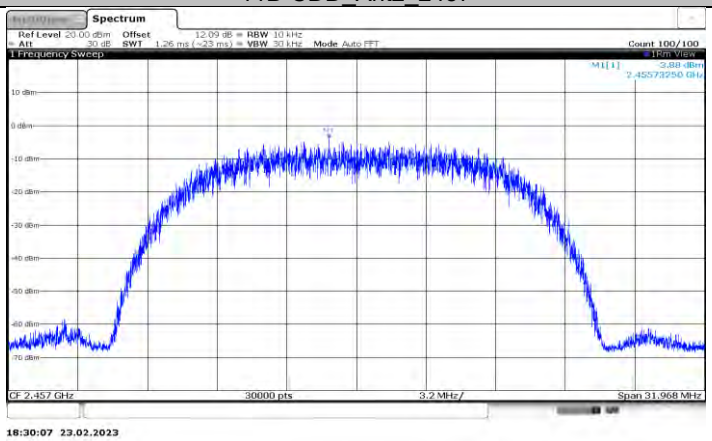

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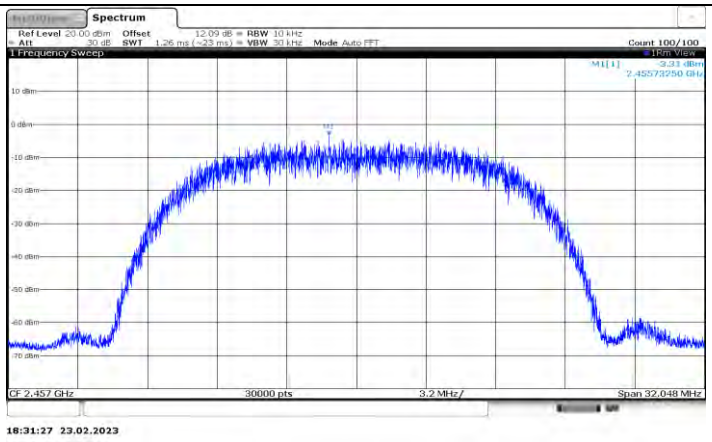

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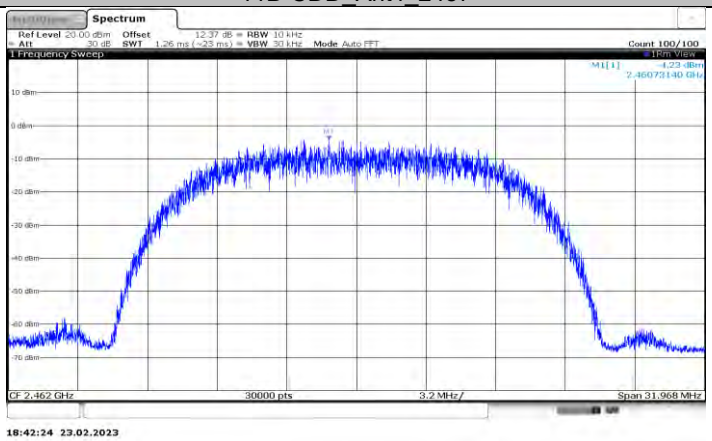

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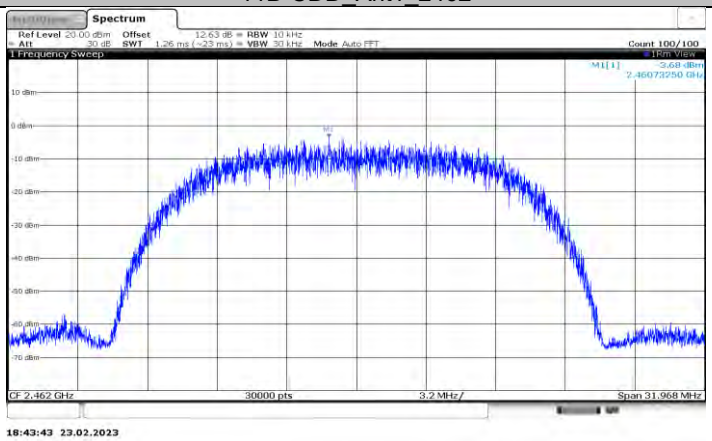

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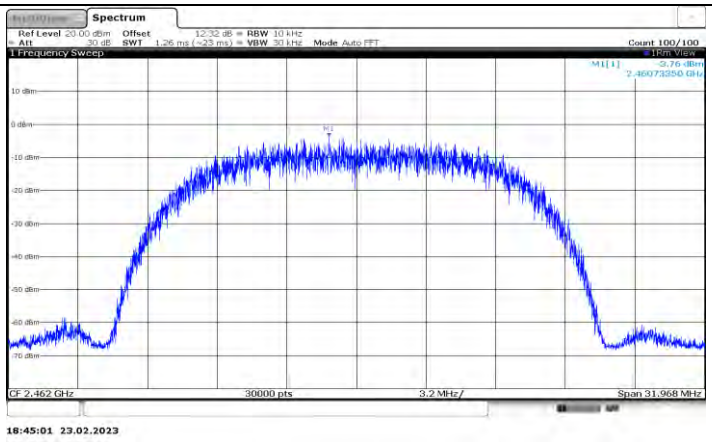

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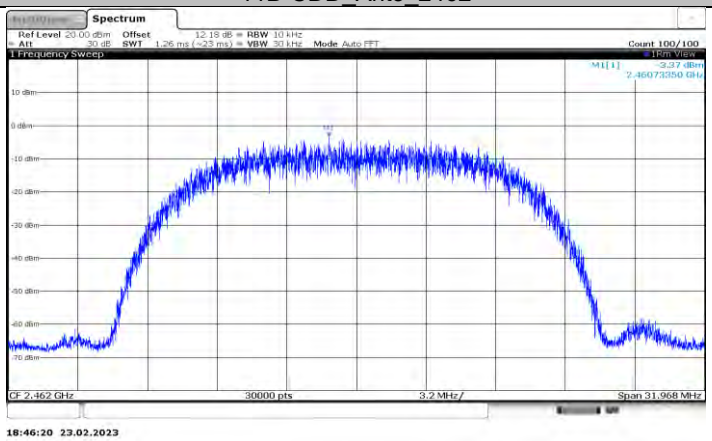

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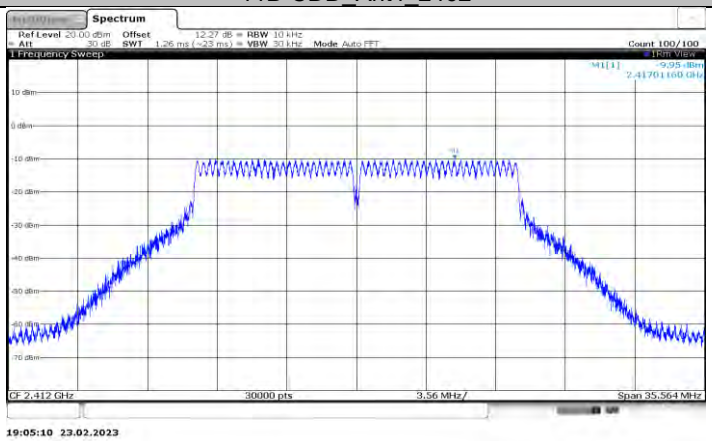

11G-CDD_Ant1_2412

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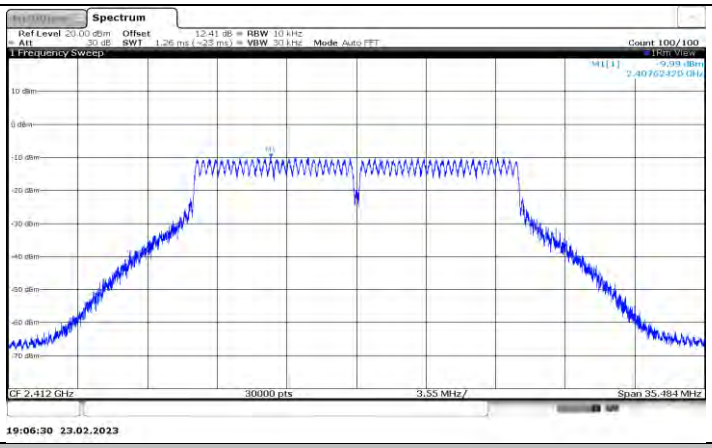

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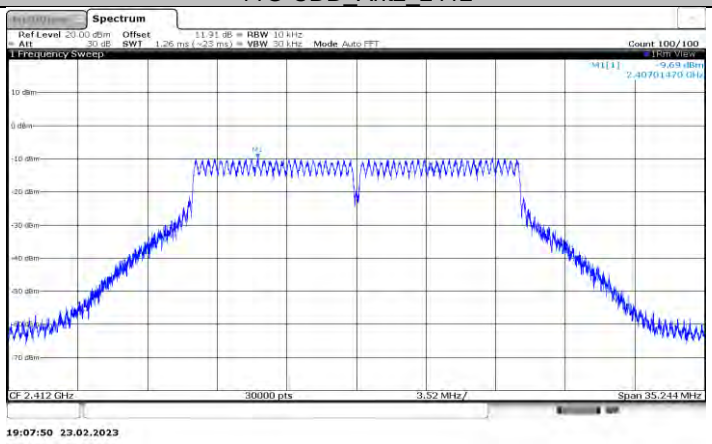

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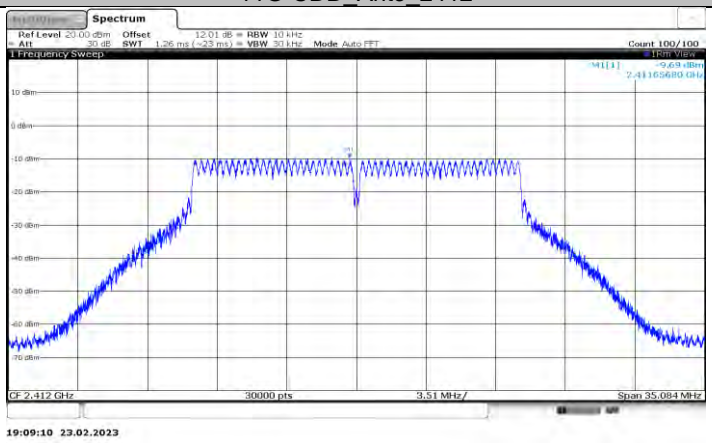

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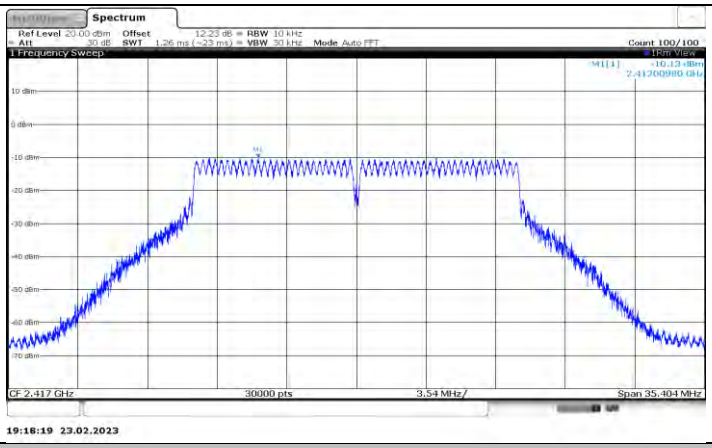

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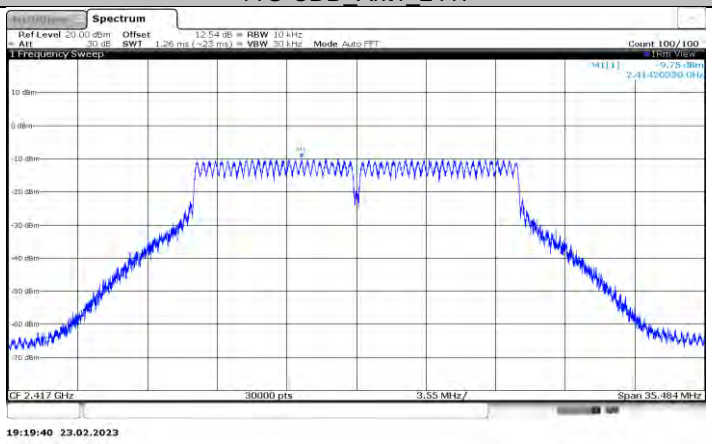

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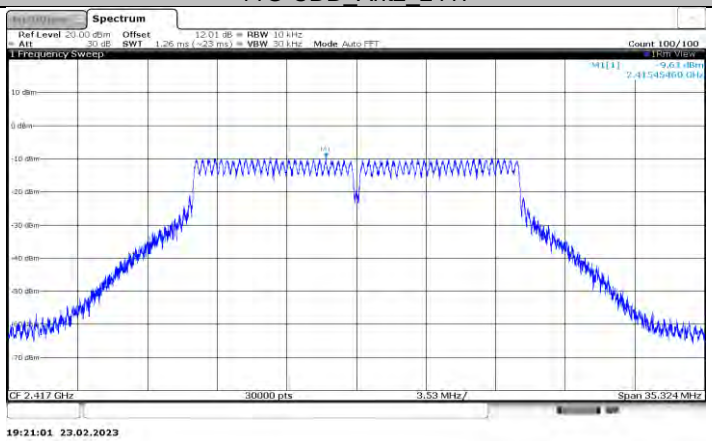

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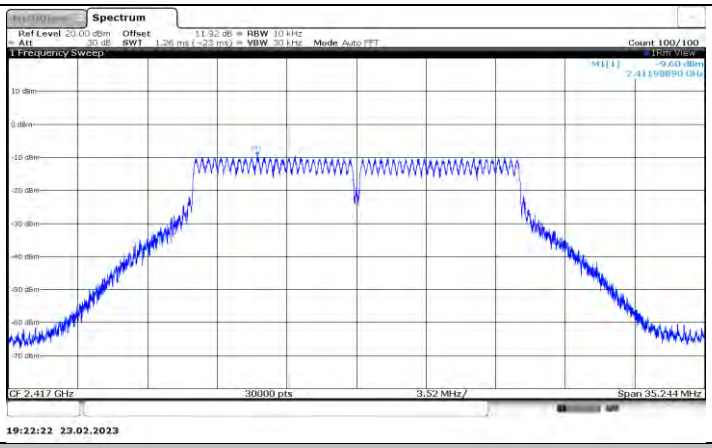

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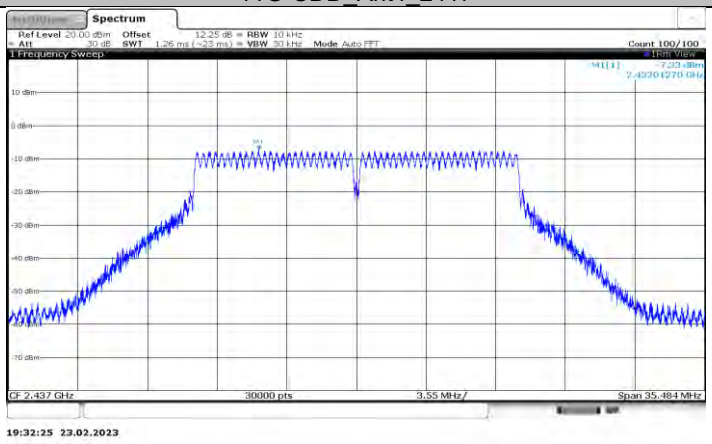

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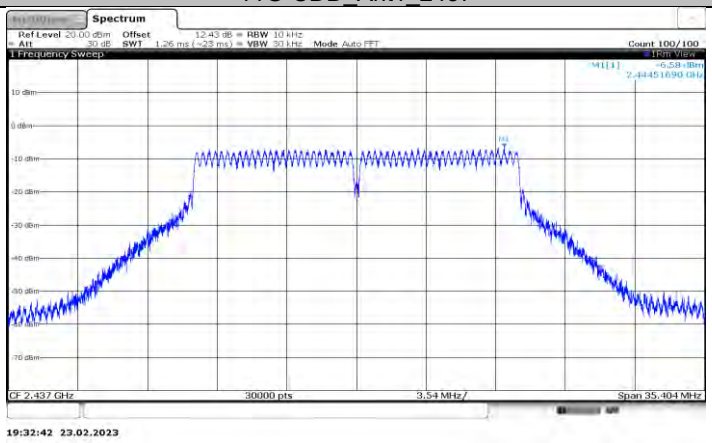

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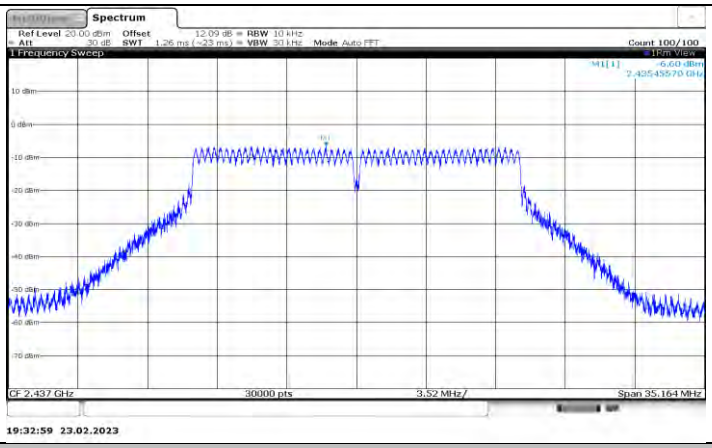

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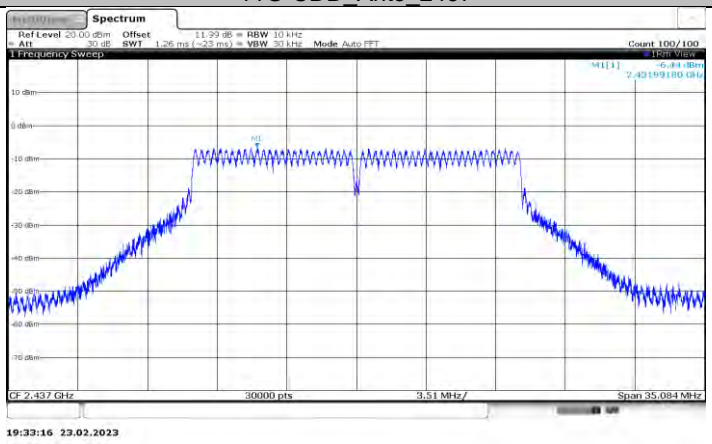

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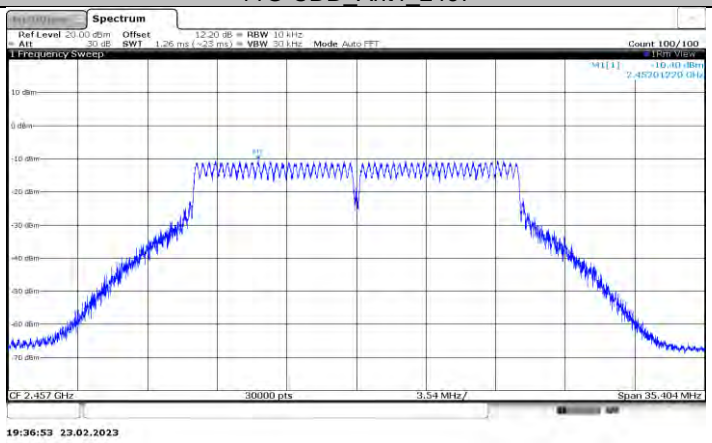

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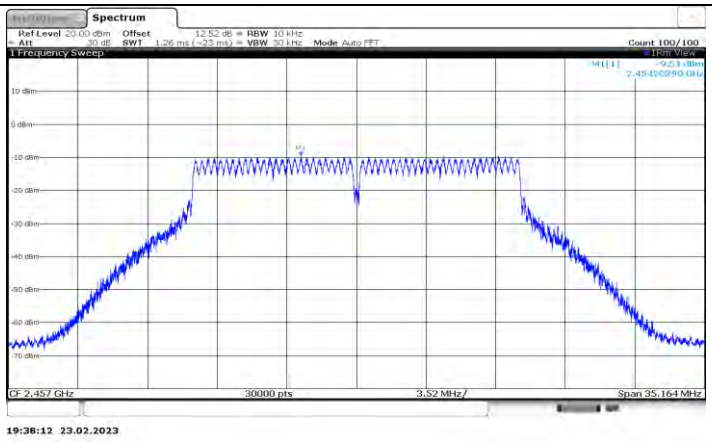

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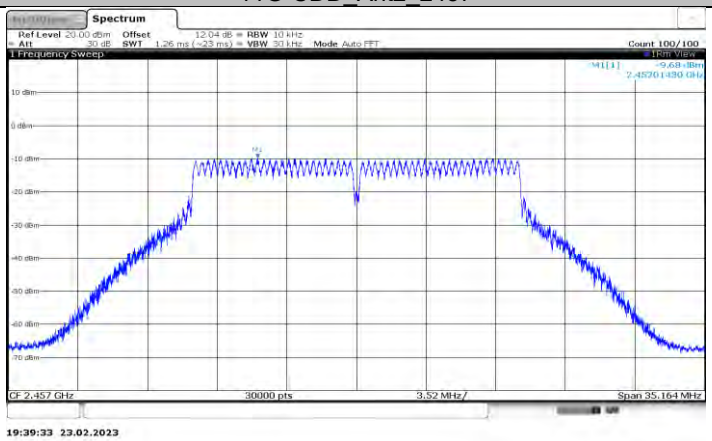

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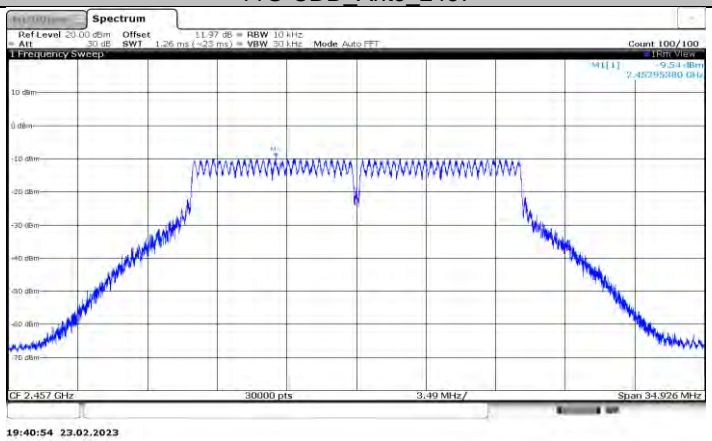

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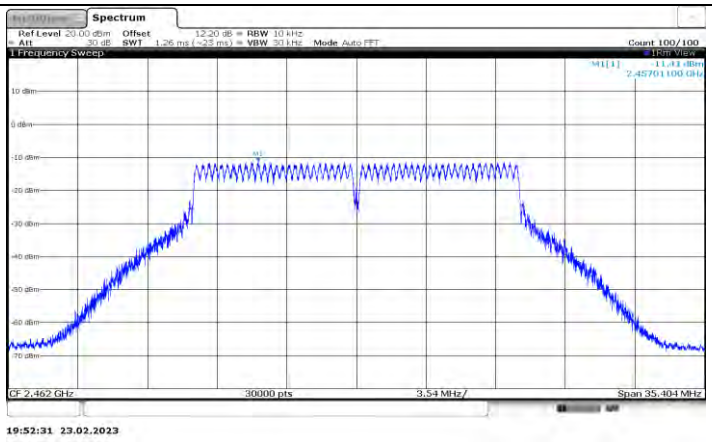

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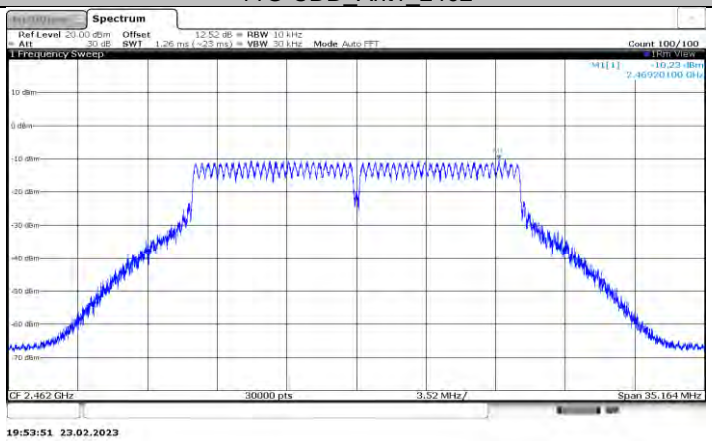

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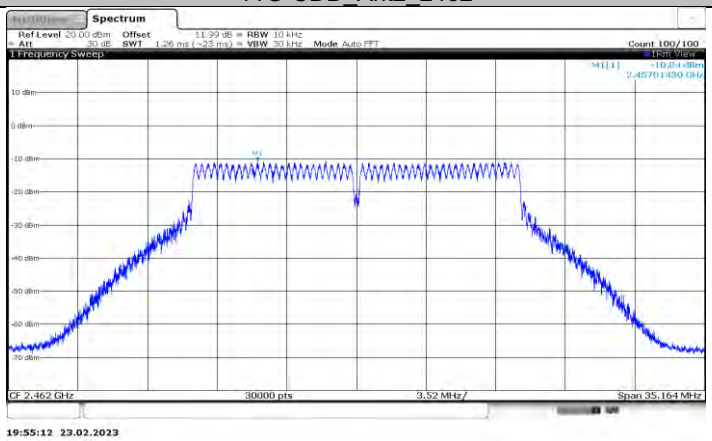

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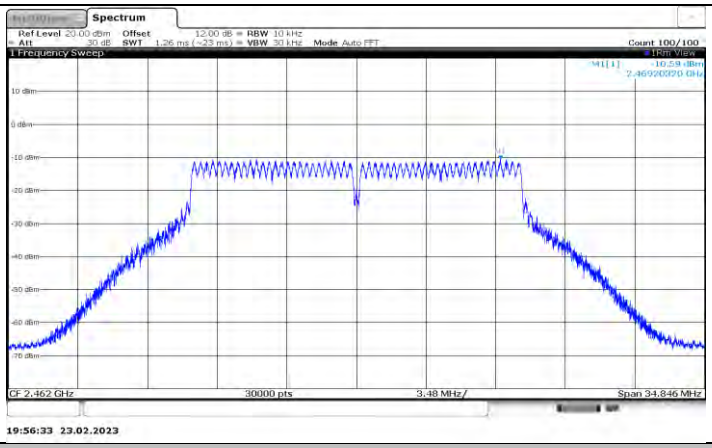

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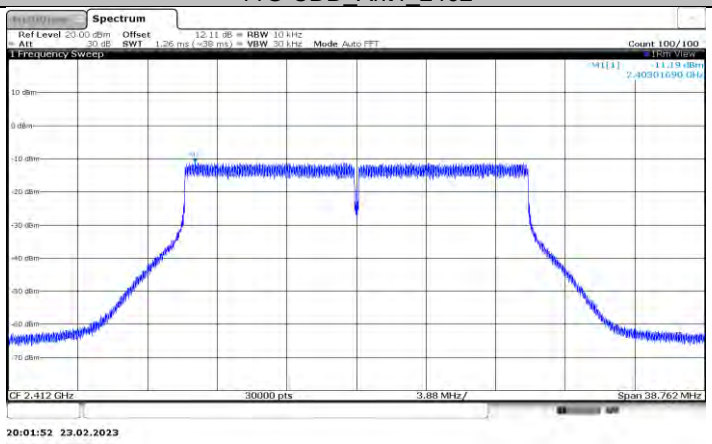
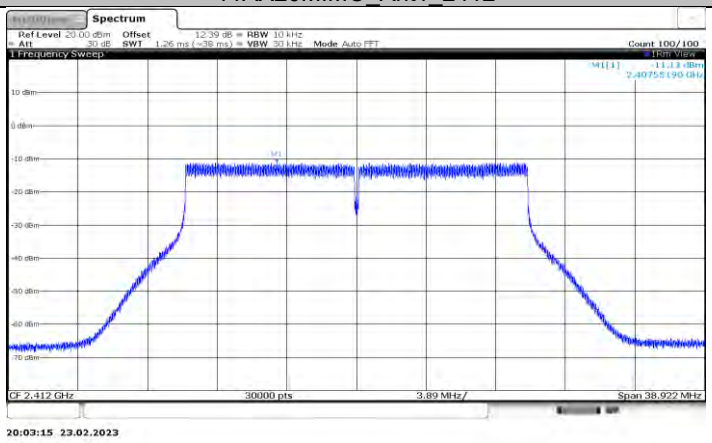


11AX20MIMO_Ant1_2412



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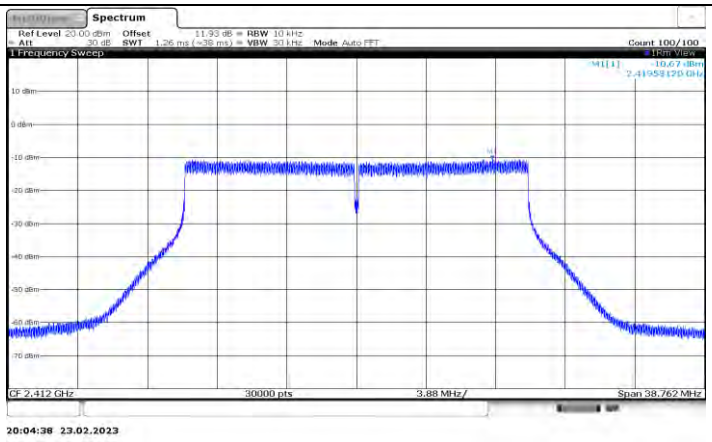

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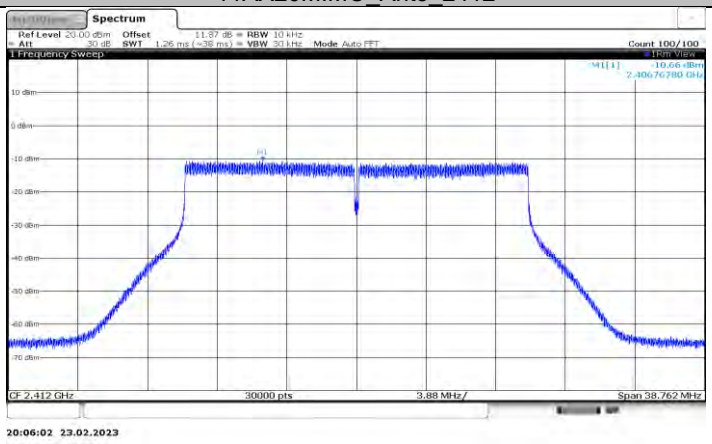

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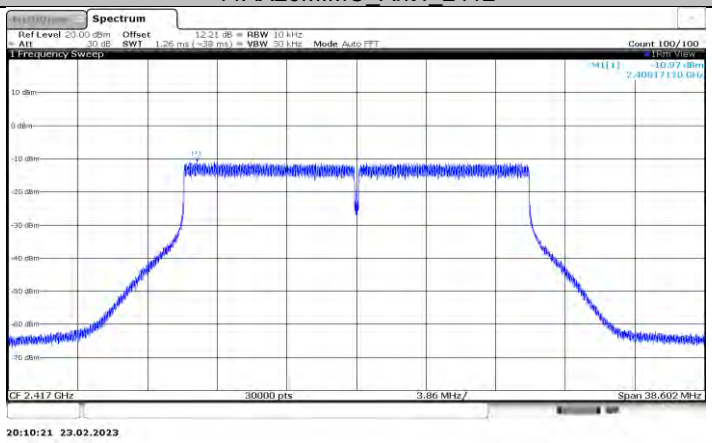

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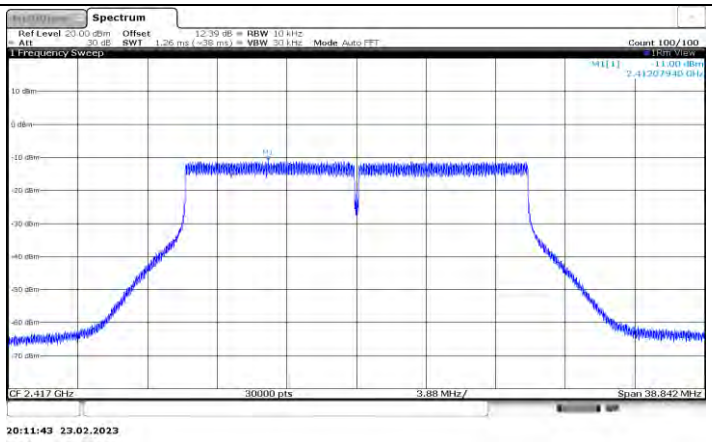

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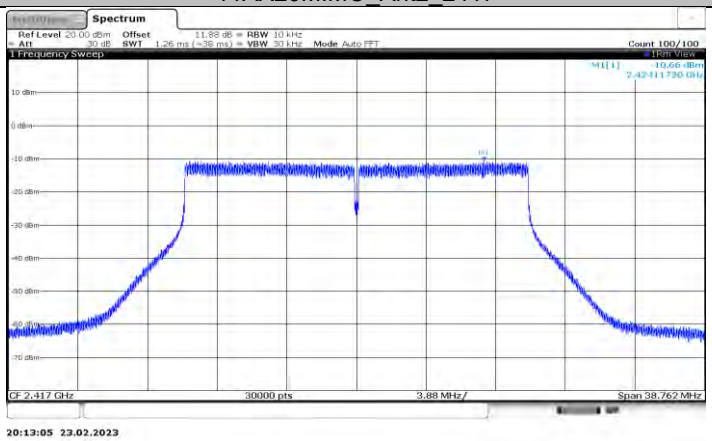

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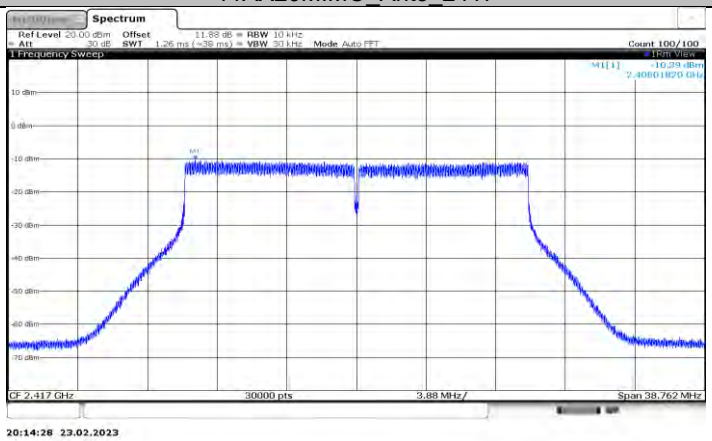

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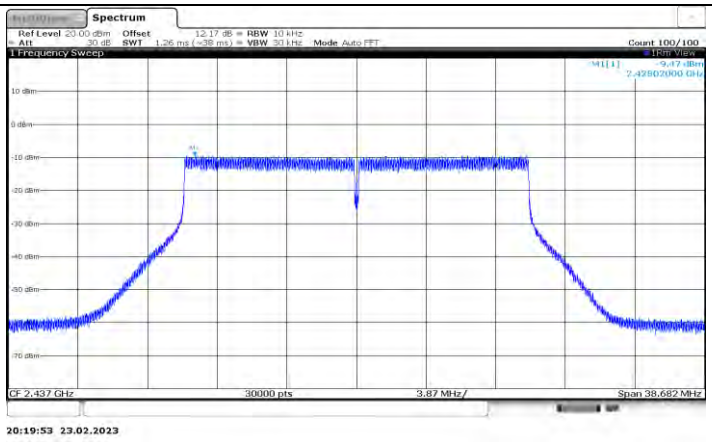

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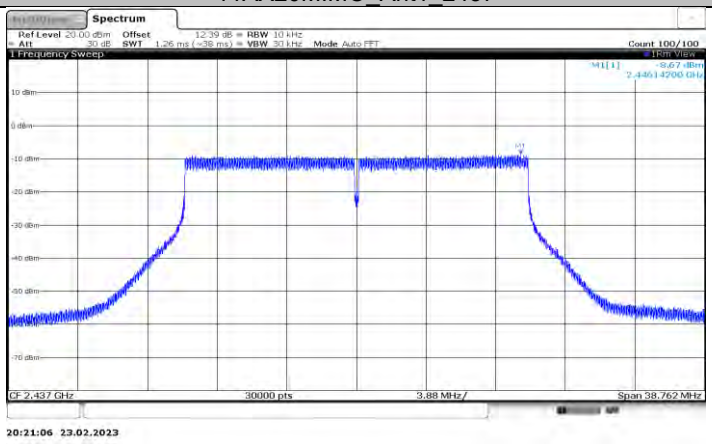

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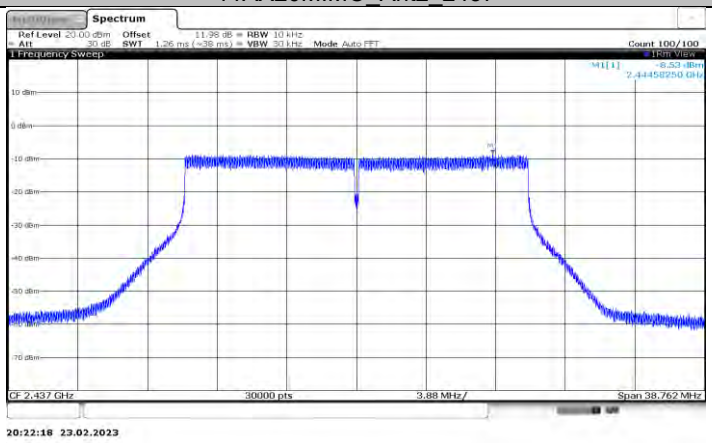

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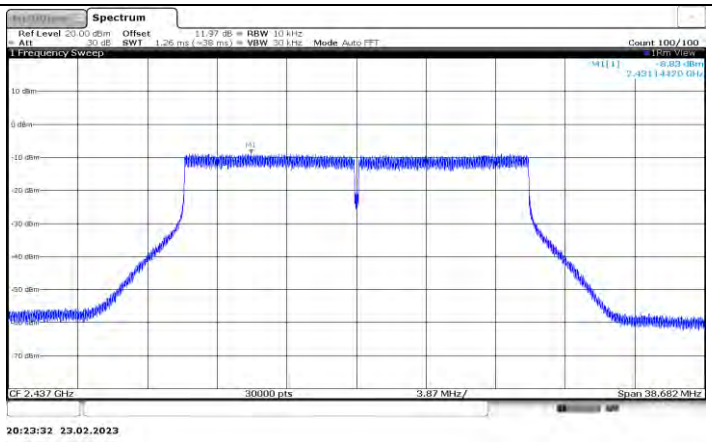

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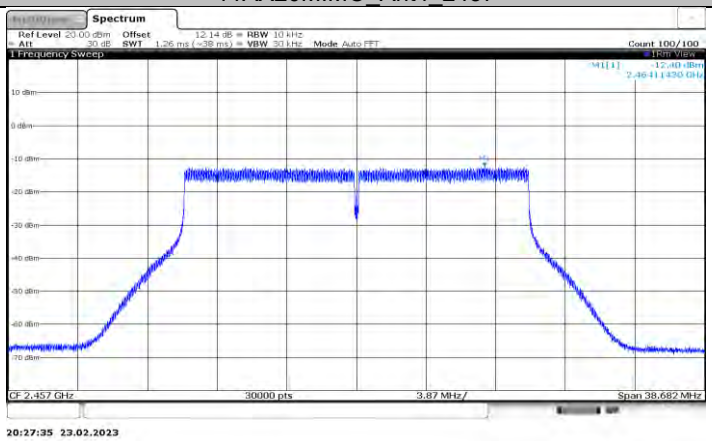

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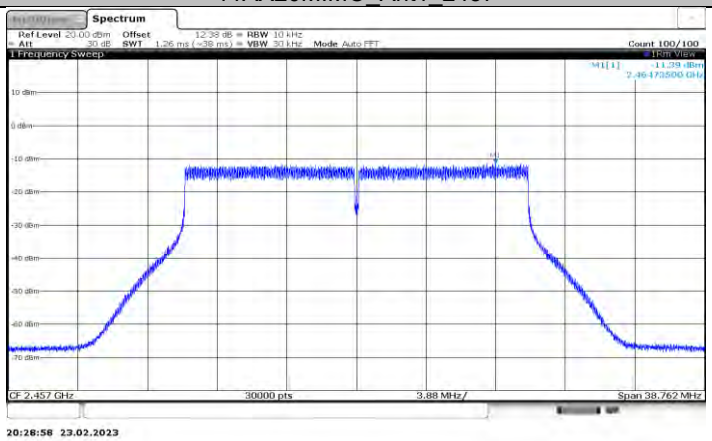

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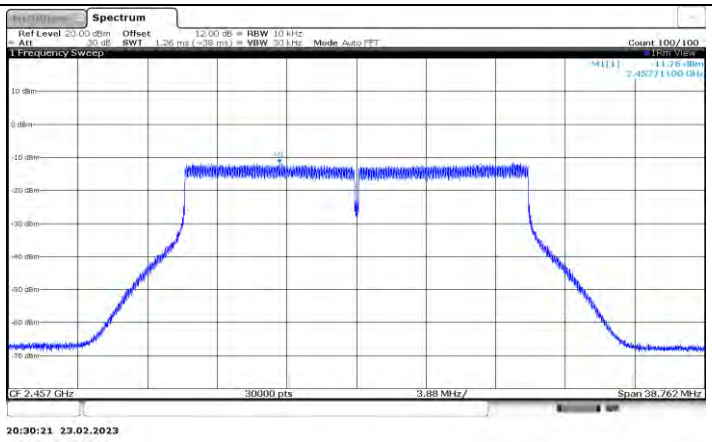

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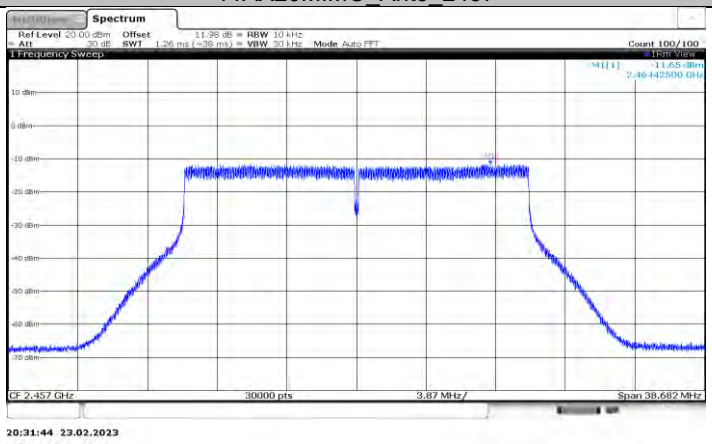

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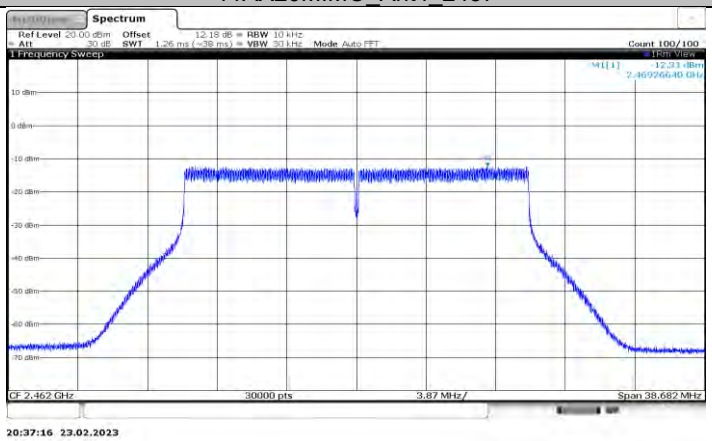

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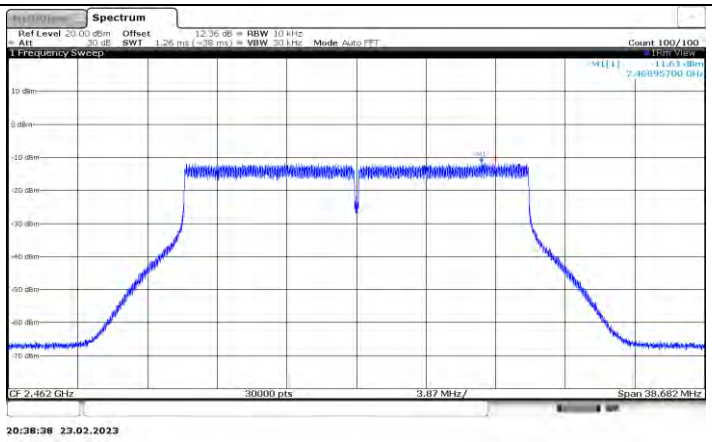

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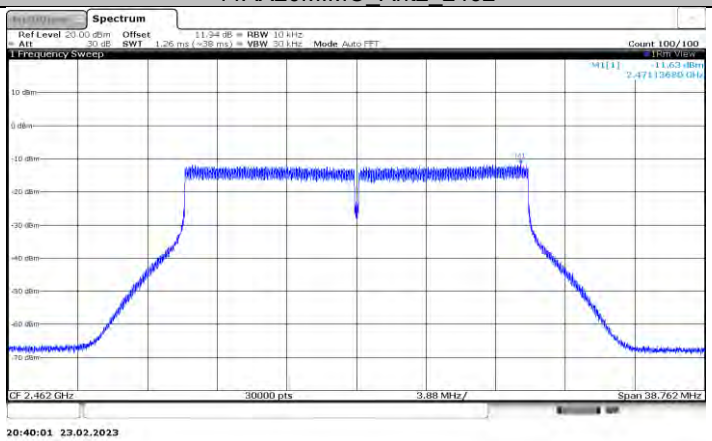

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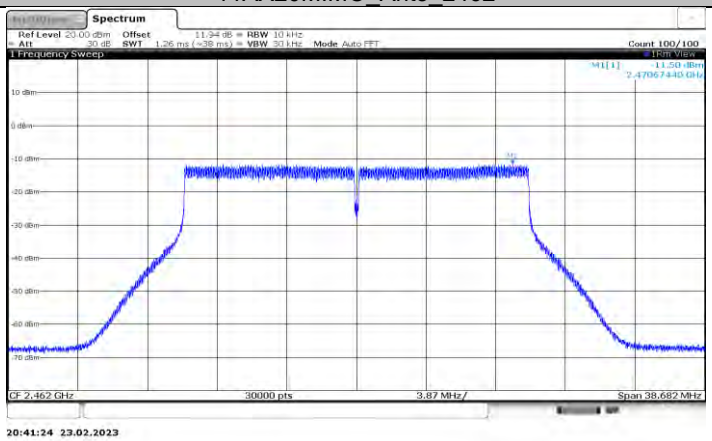

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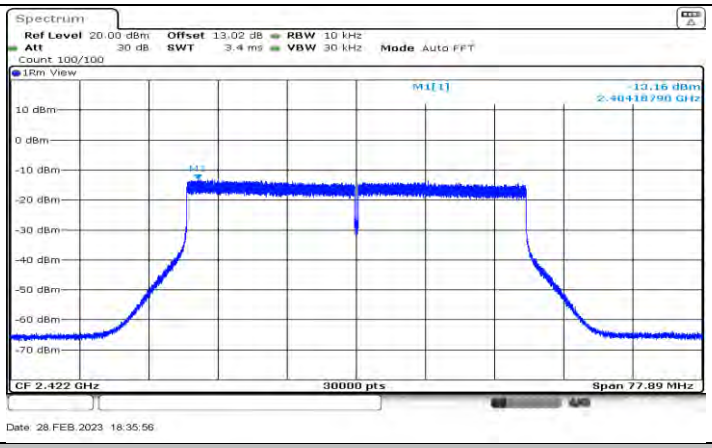

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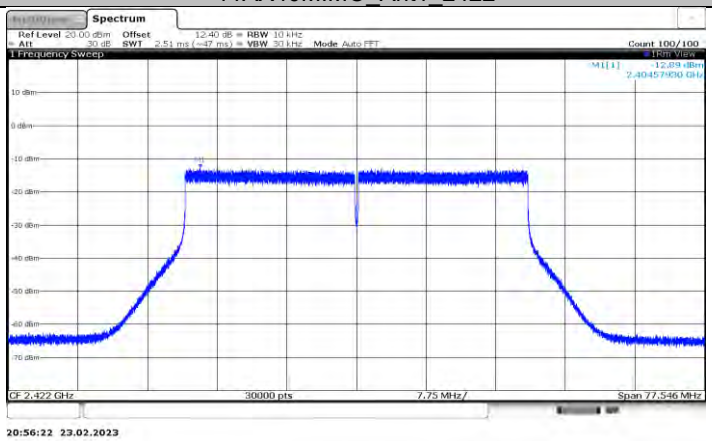

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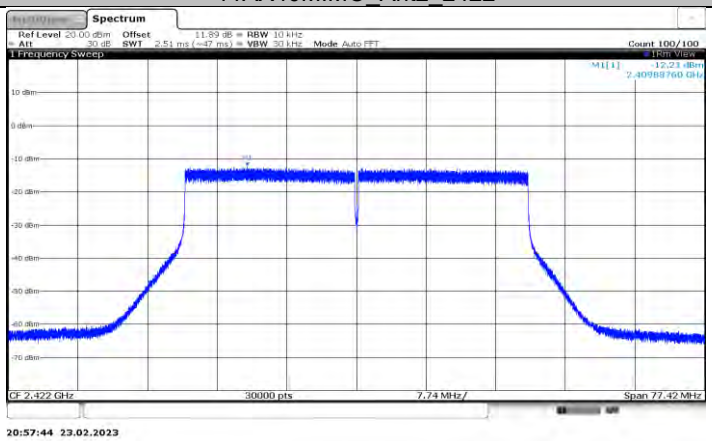

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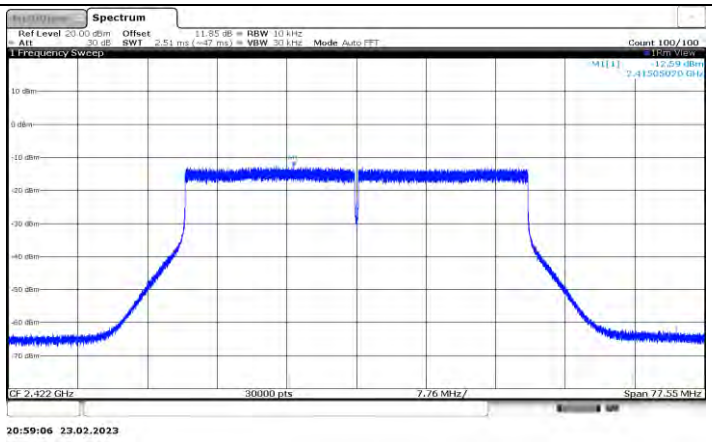

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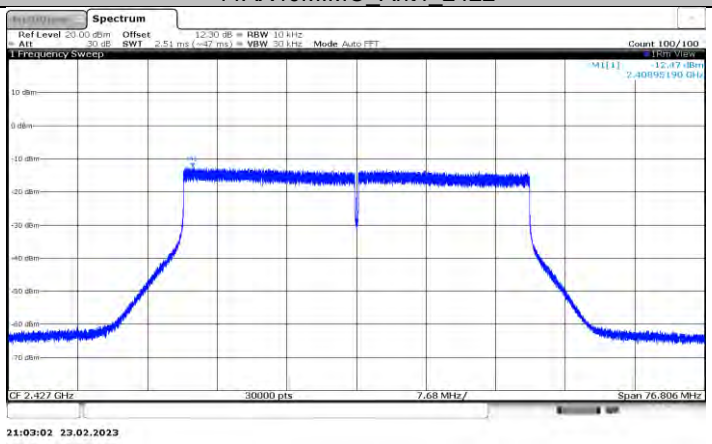

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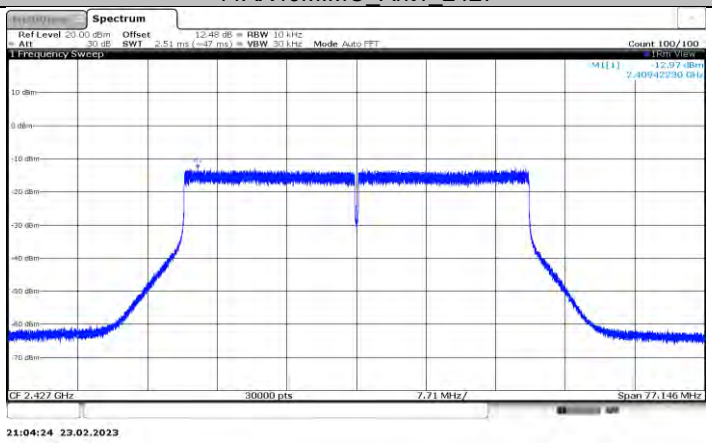

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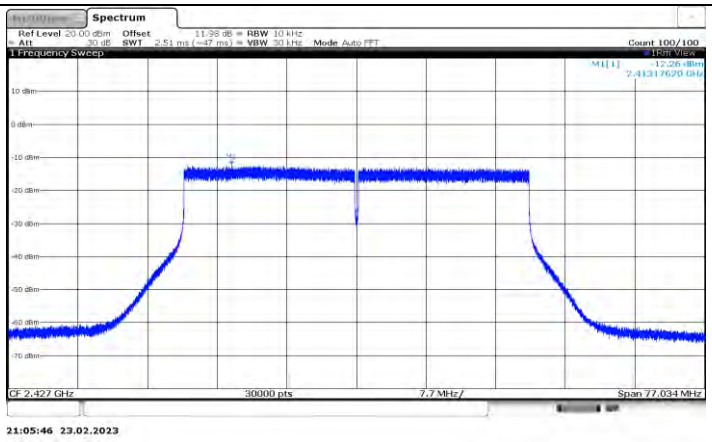

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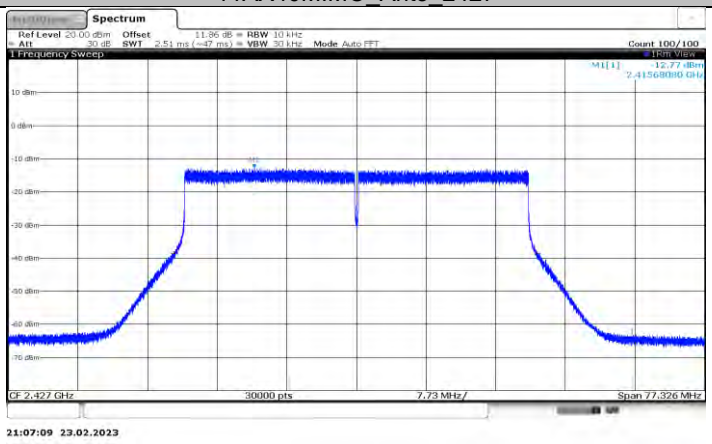

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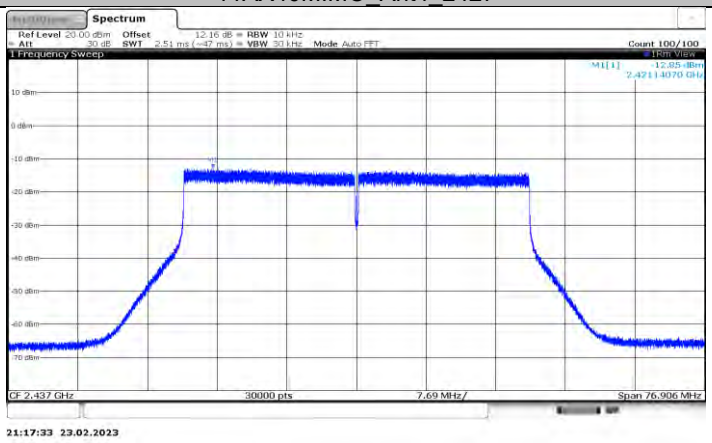

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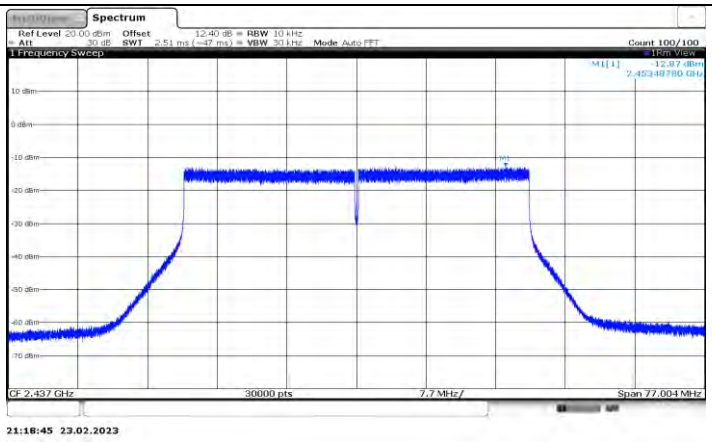

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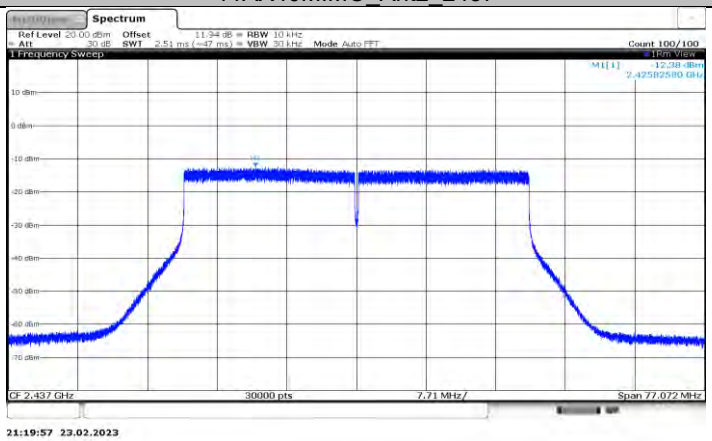

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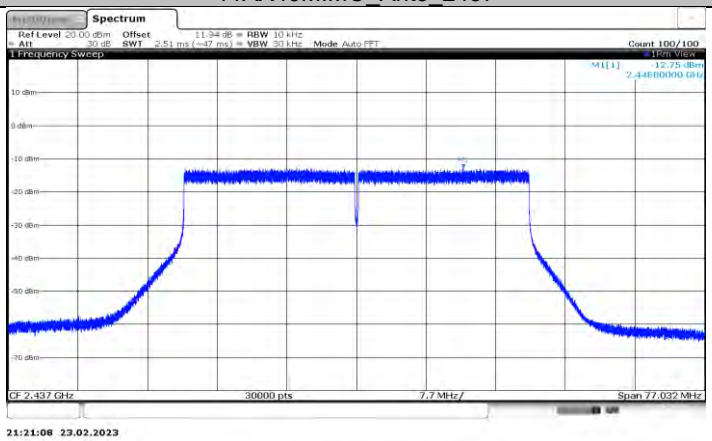

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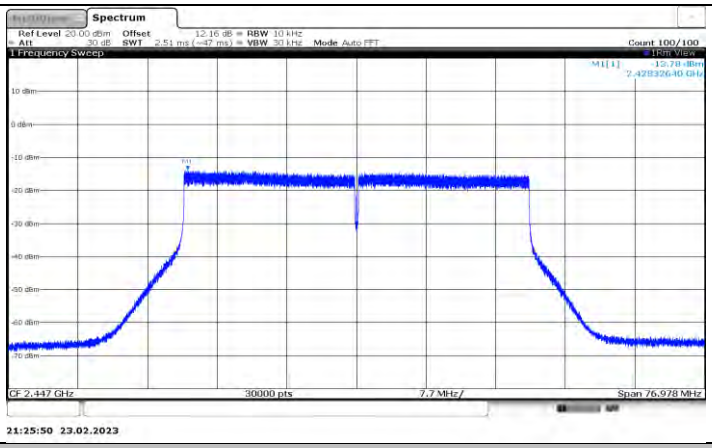

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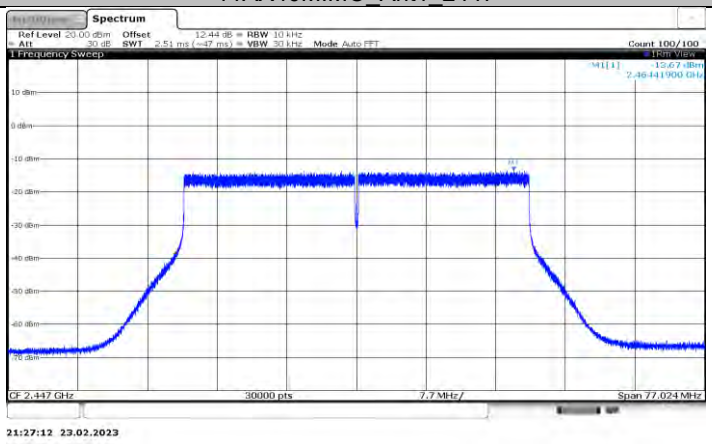

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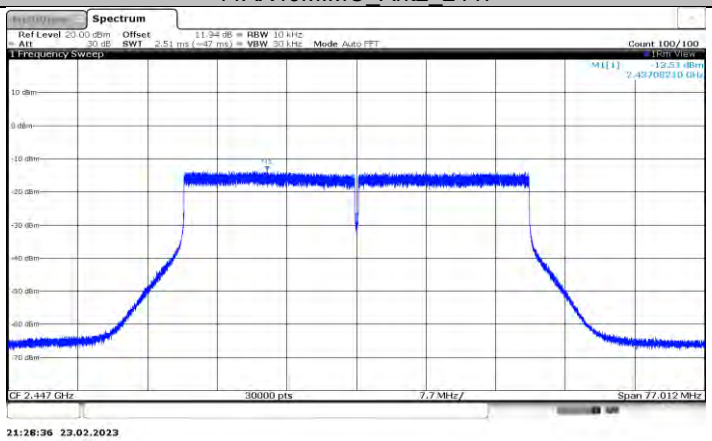

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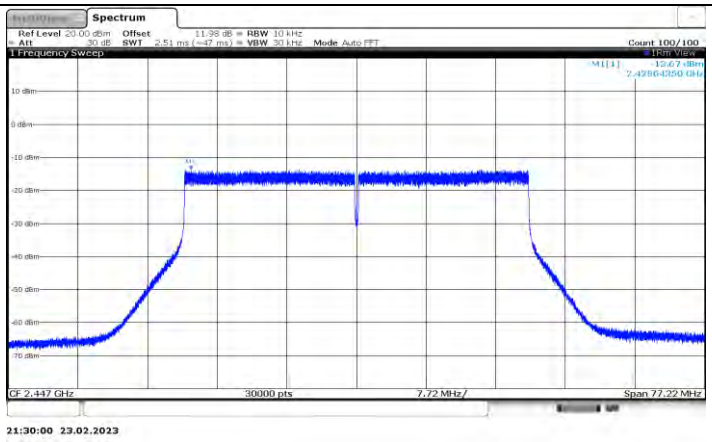

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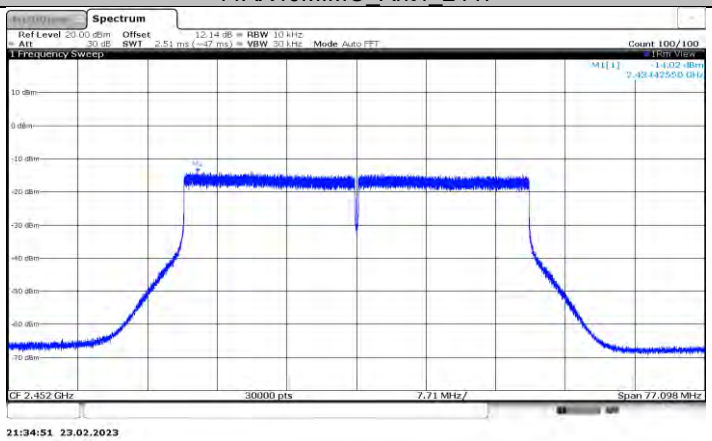

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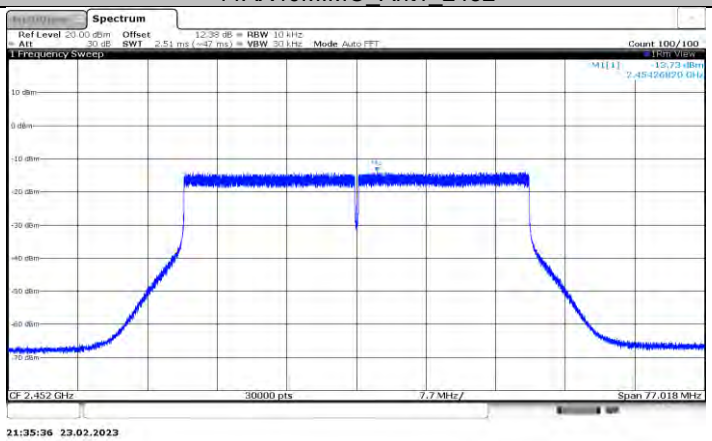

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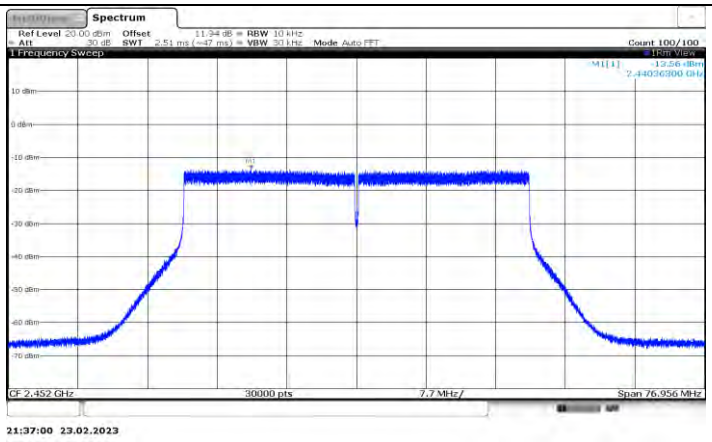

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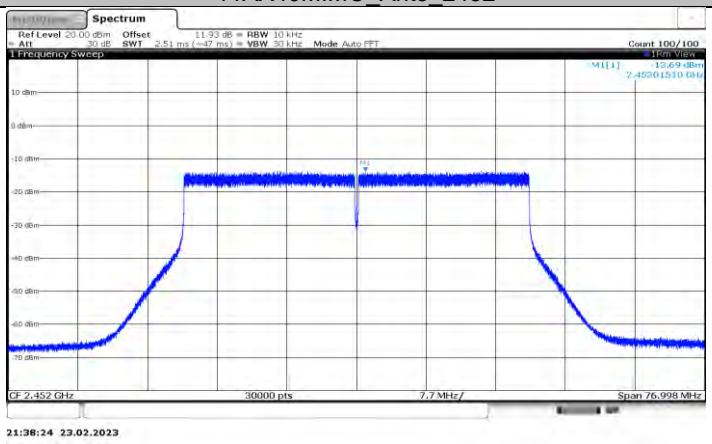

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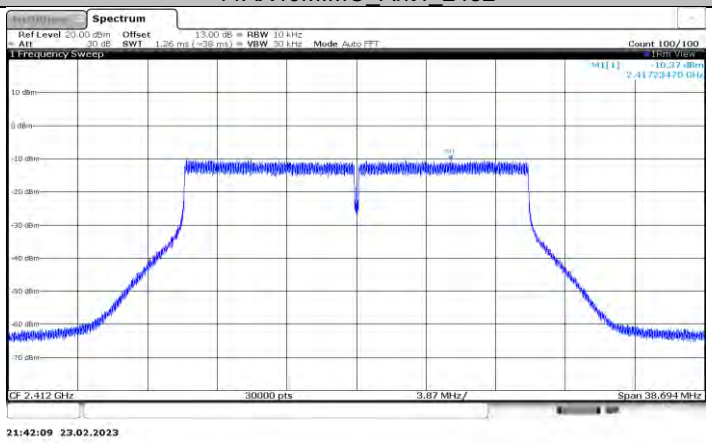

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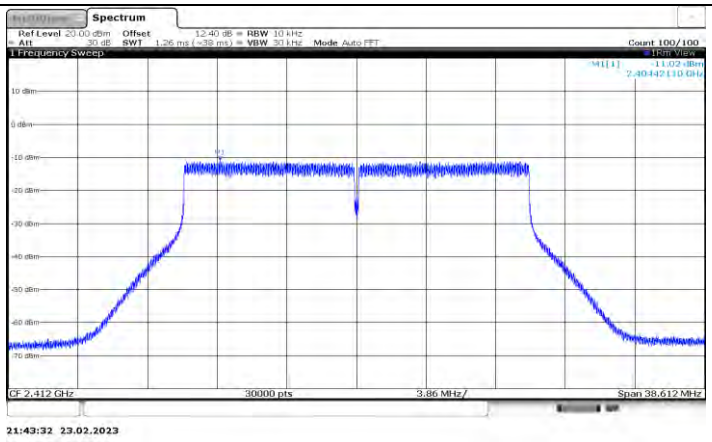

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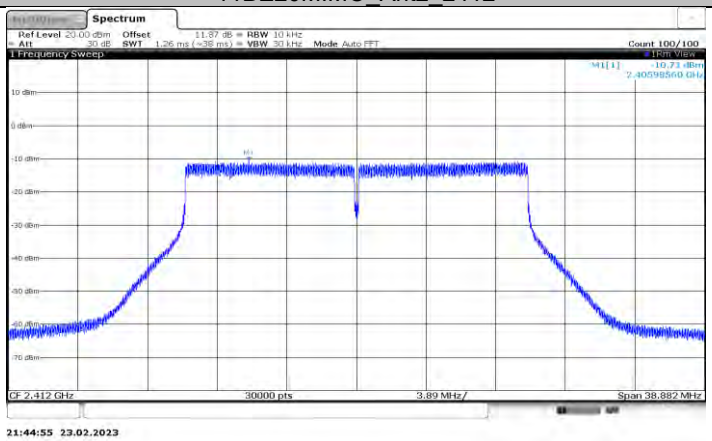

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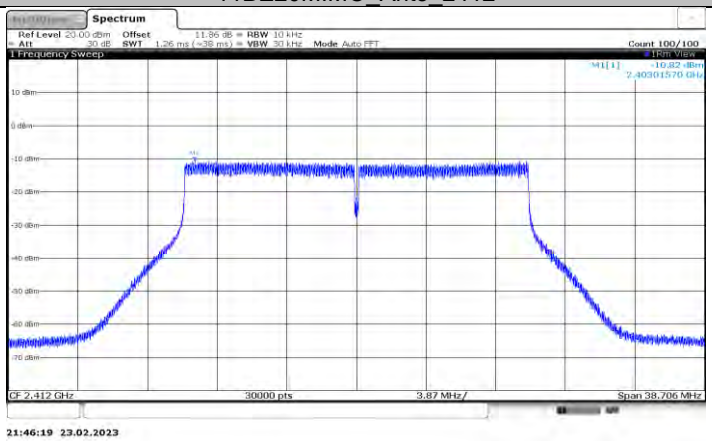

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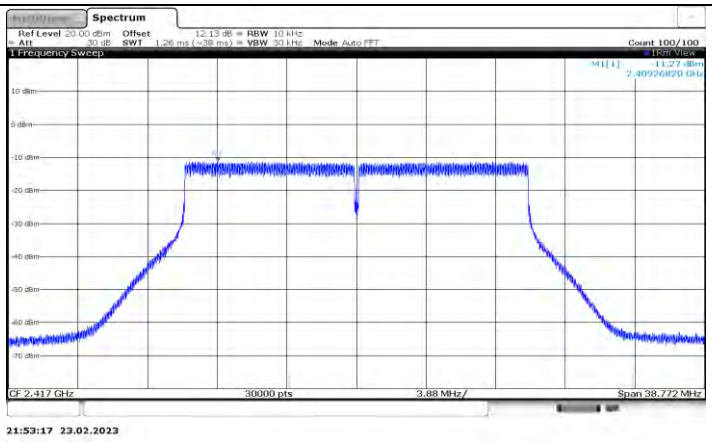

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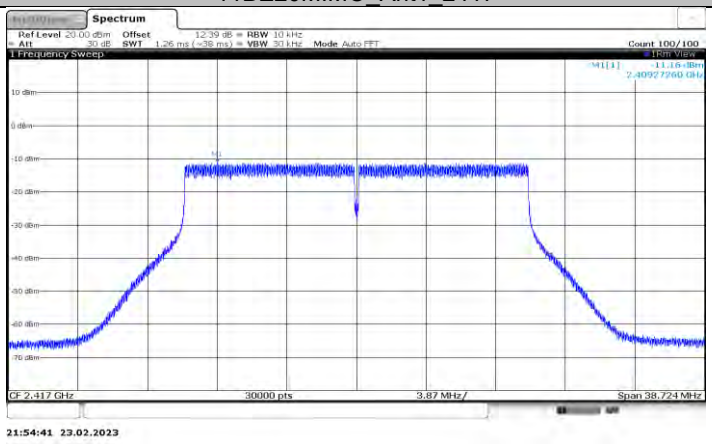

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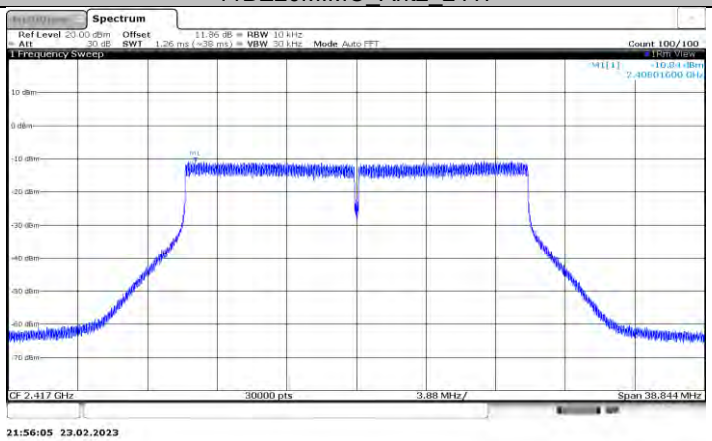

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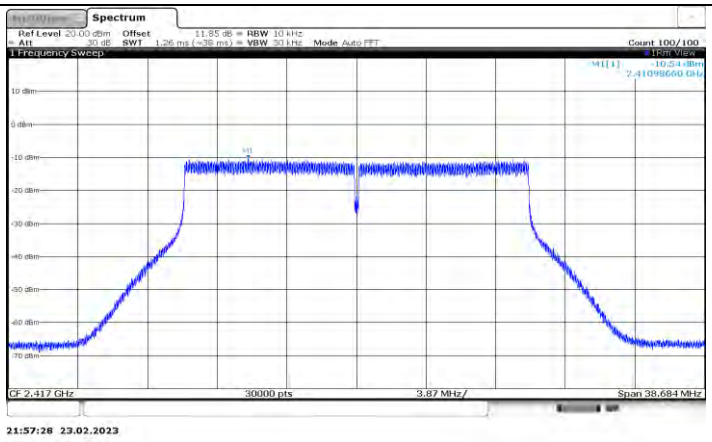

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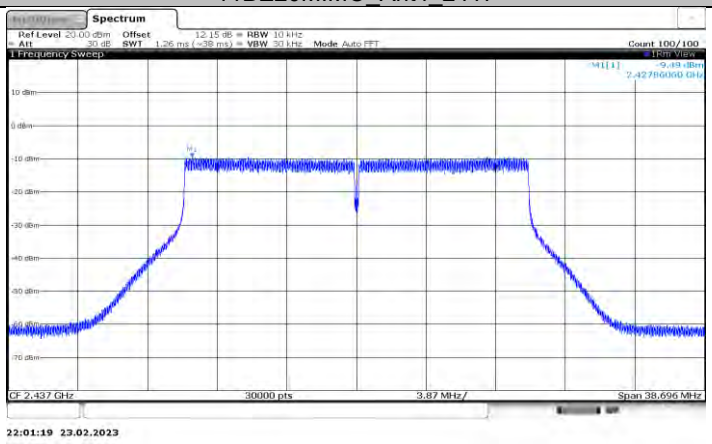

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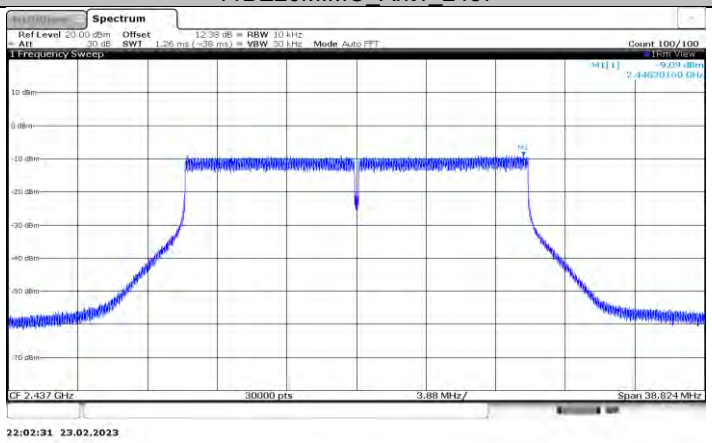

11BE20MIMO_Ant2_2437

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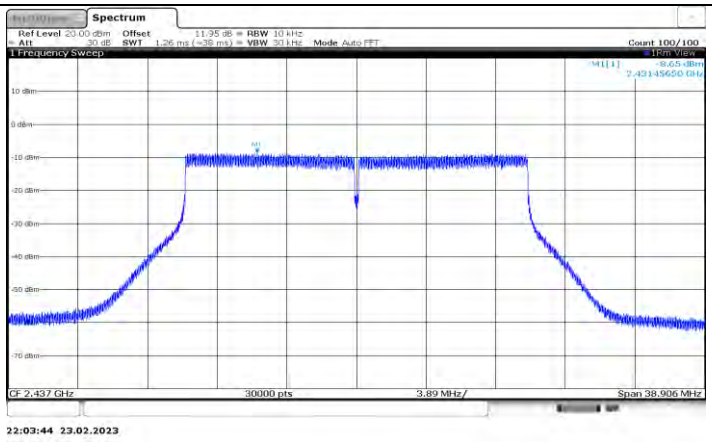

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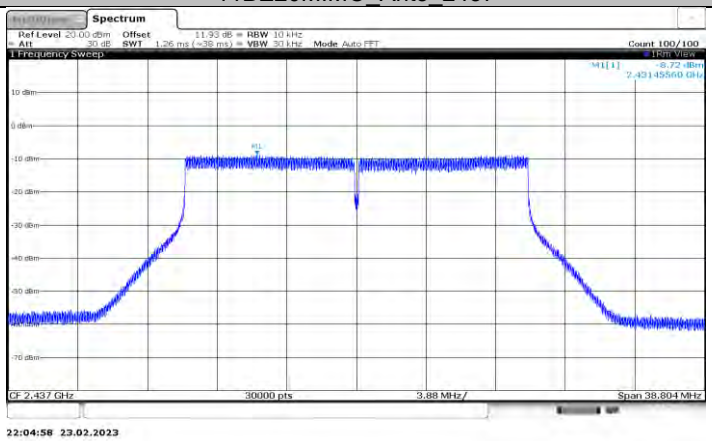
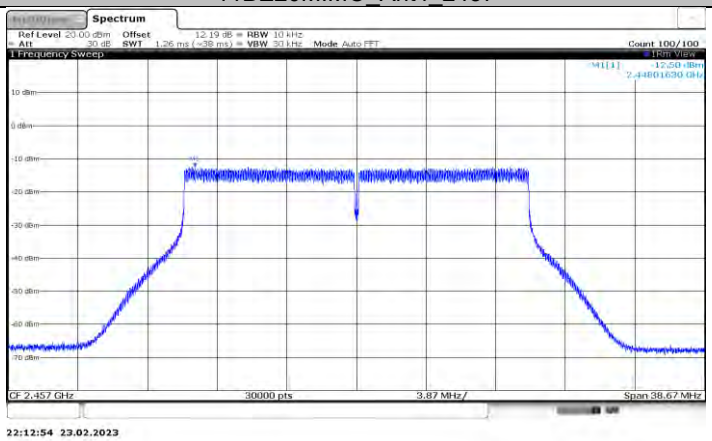


11BE20MIMO_Ant4_2437



11BE20MIMO_Ant1_2457

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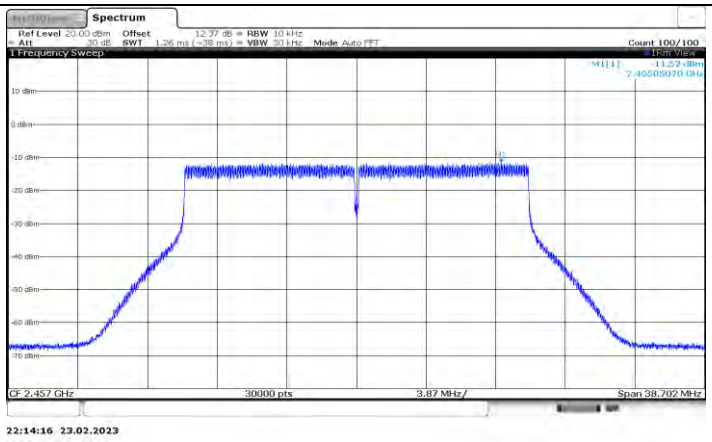

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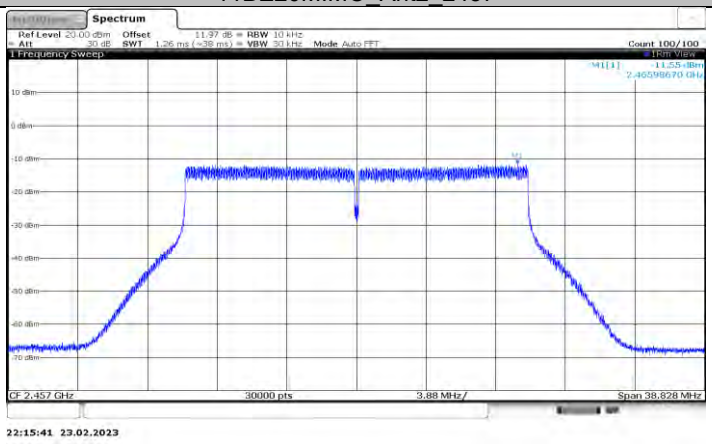

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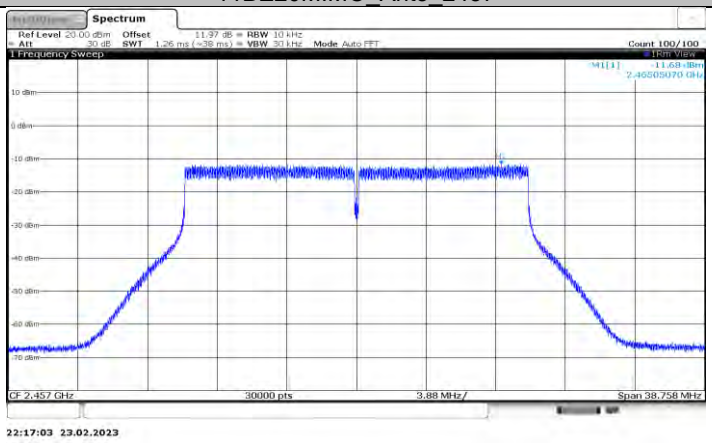

11BE20MIMO_Ant4_2457

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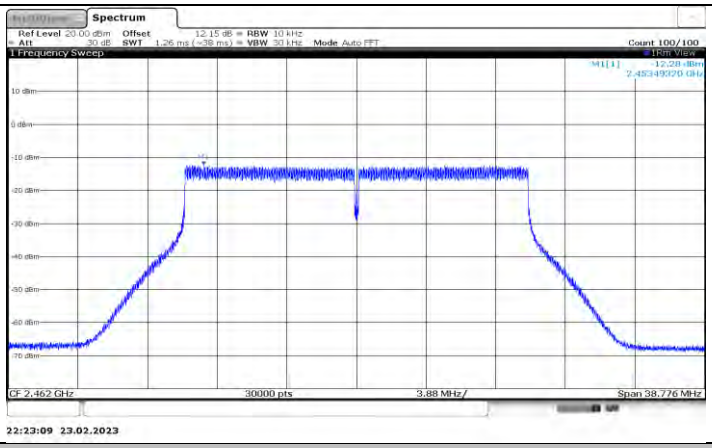
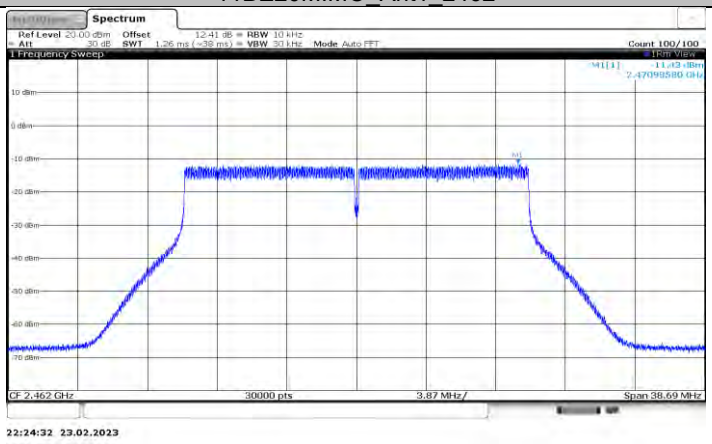
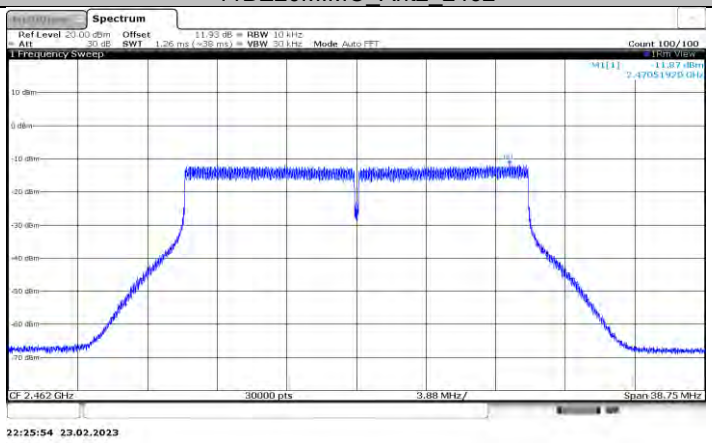


11BE20MIMO_Ant1_2462



11BE20MIMO_Ant2_2462



11BE20MIMO_Ant3_2462

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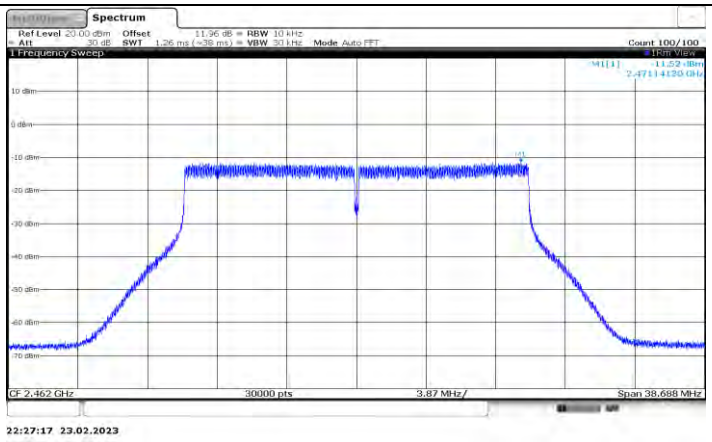

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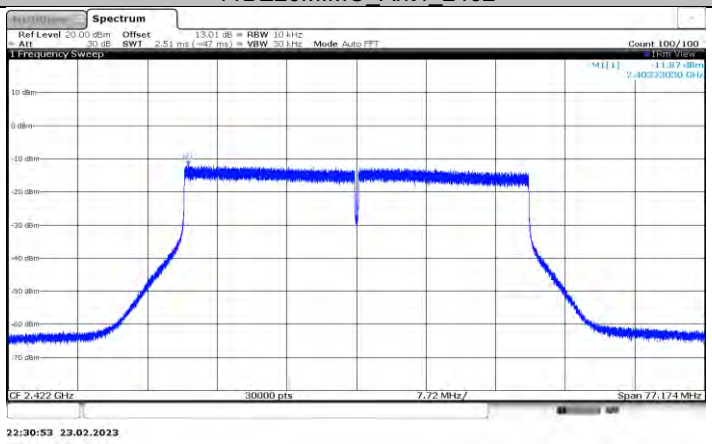

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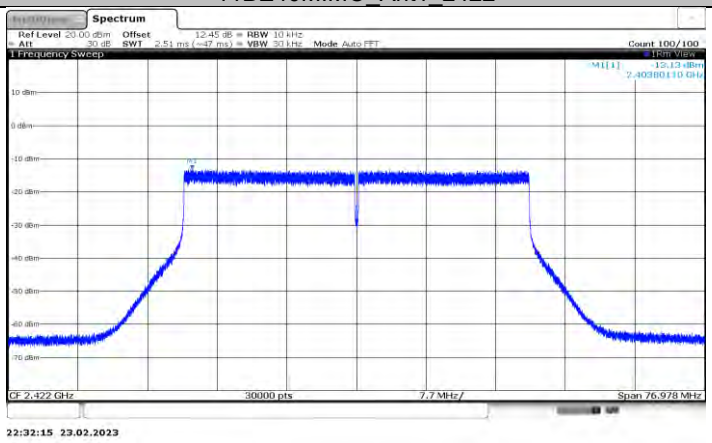

11BE40MIMO_Ant2_2422

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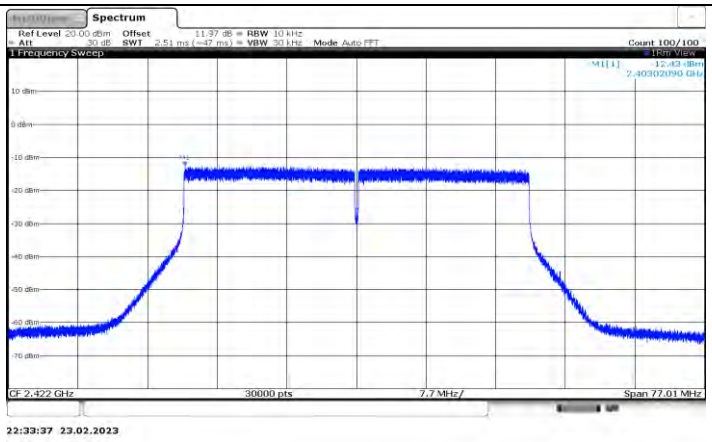
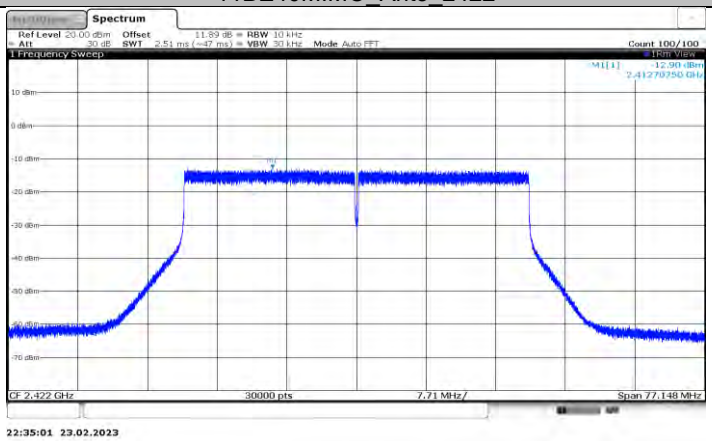


11BE40MIMO_Ant3_2422



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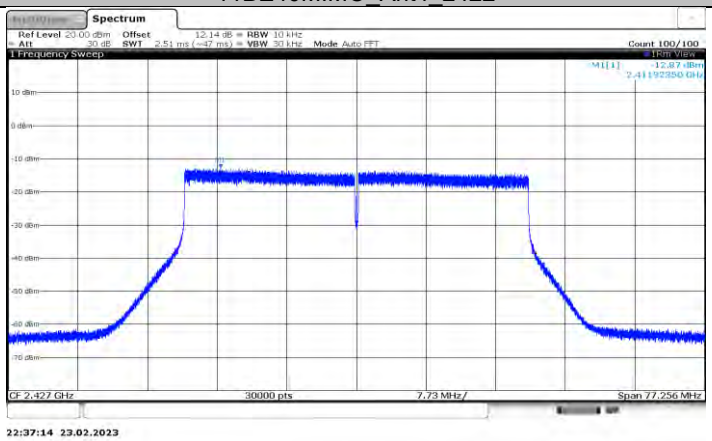

11BE40MIMO_Ant1_2427

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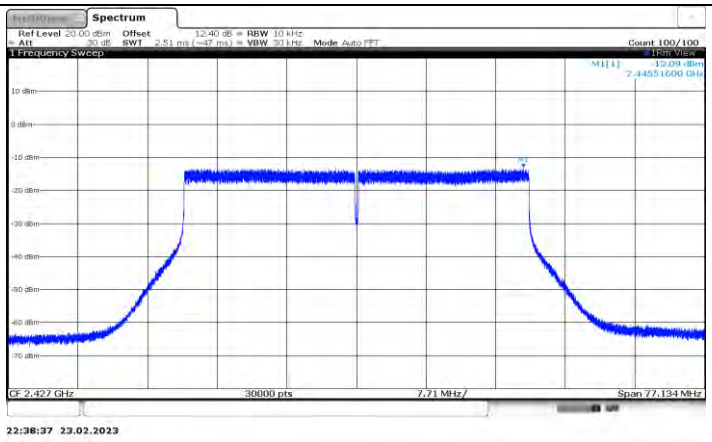

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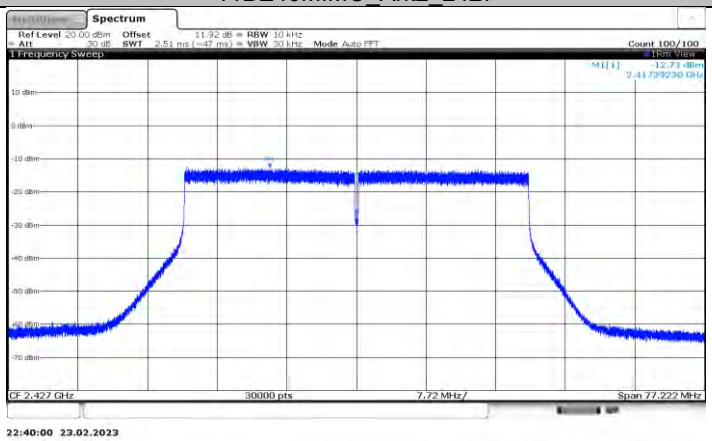

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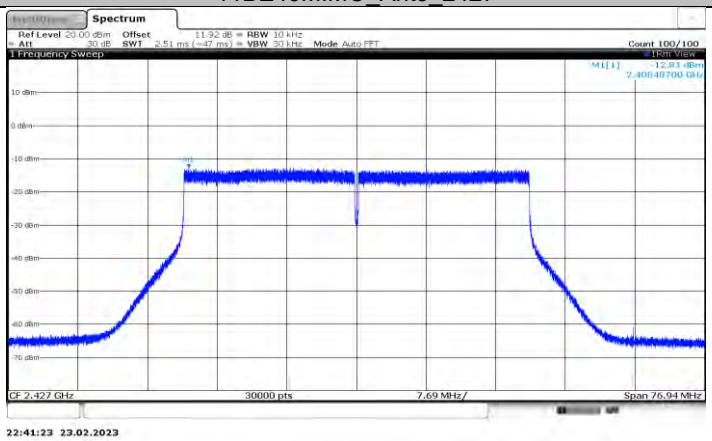

11BE40MIMO_Ant4_2427

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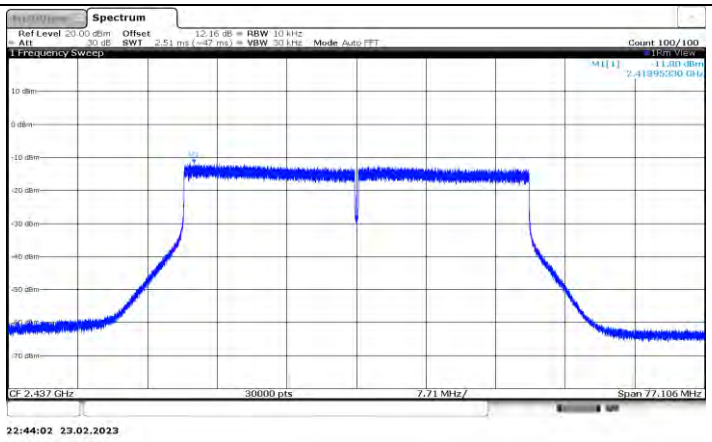
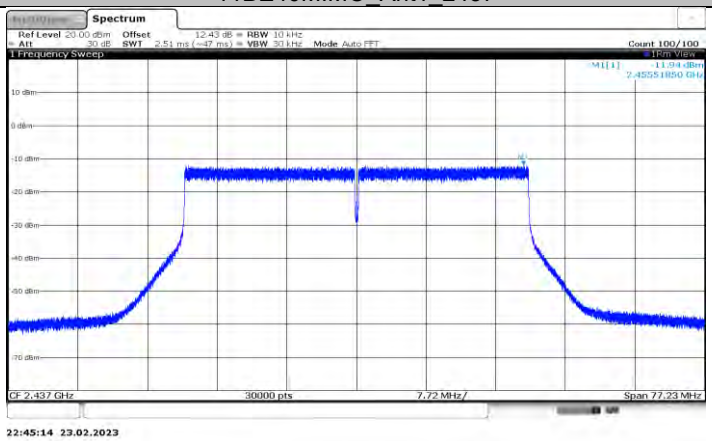


11BE40MIMO_Ant1_2437



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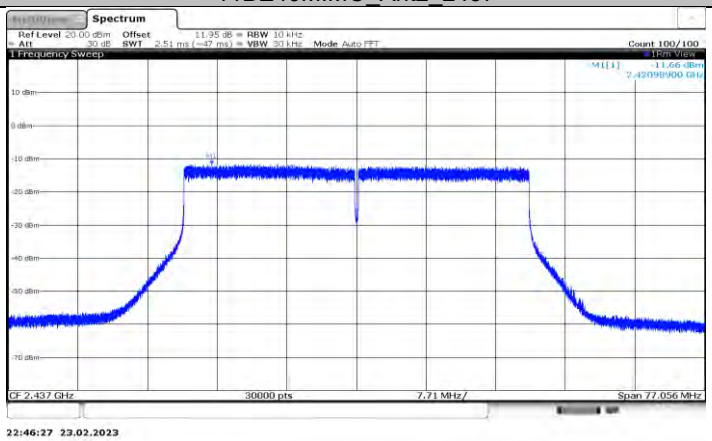

11BE40MIMO_Ant3_2437

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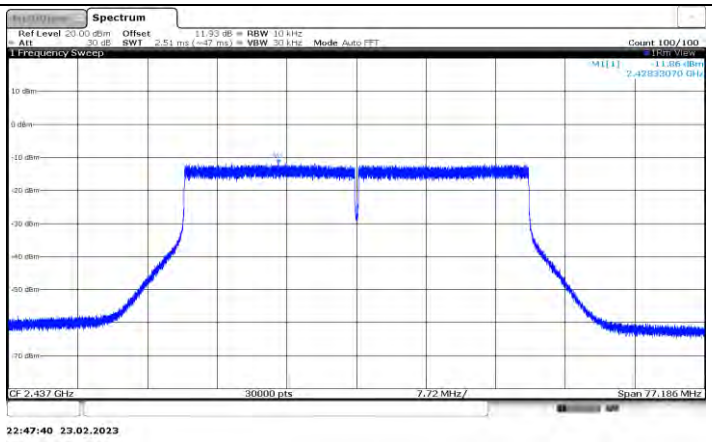

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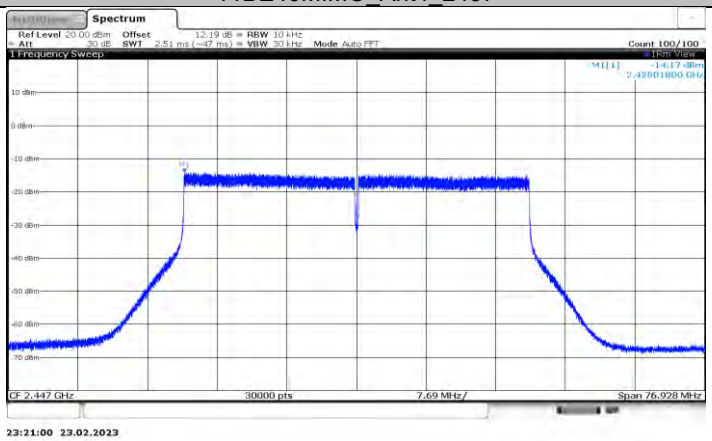

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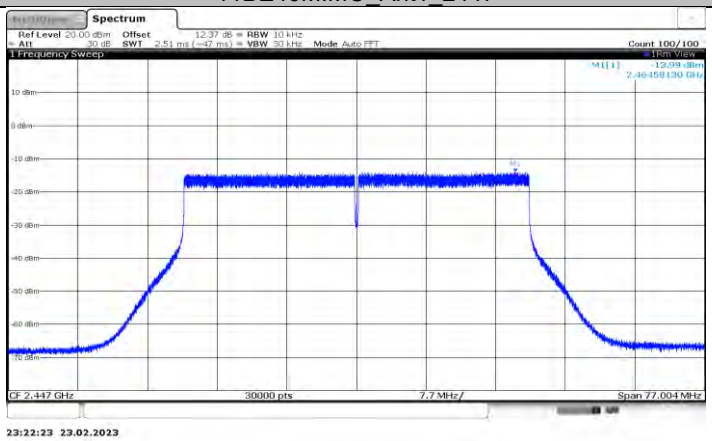

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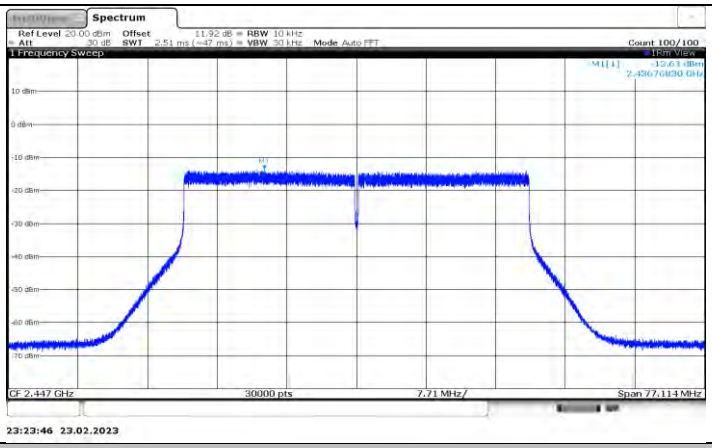

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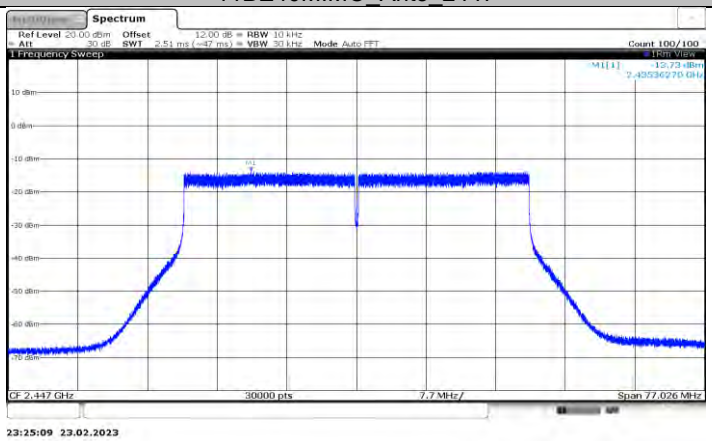
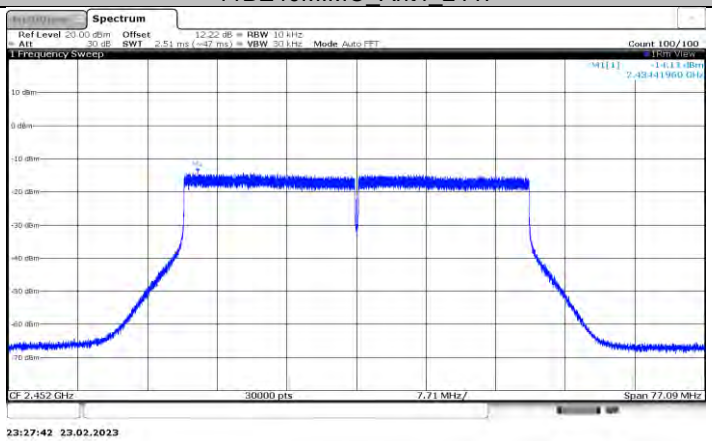


11BE40MIMO_Ant4_2447



11BE40MIMO_Ant1_2452

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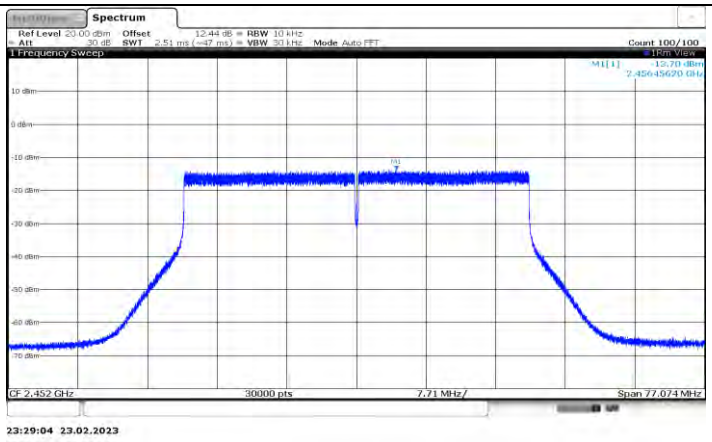
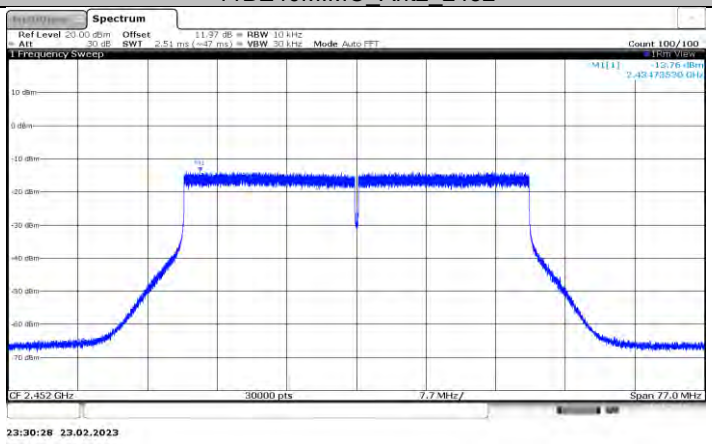
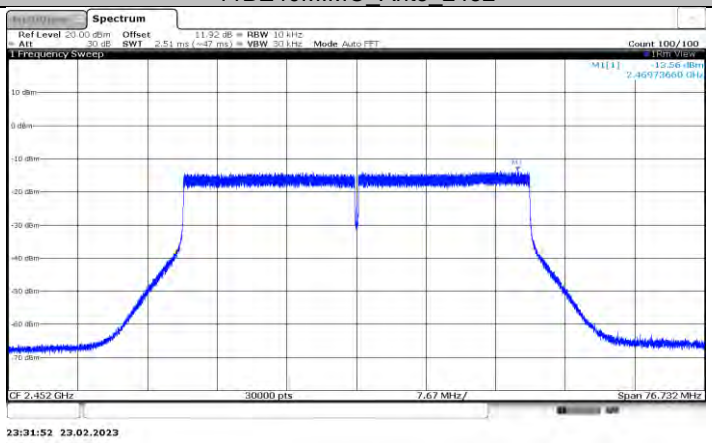


11BE40MIMO_Ant2_2452



11BE40MIMO_Ant3_2452



11BE40MIMO_Ant4_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	11.65	-37.14	≤-18.35	PASS
	Ant2	Low	2412	11.76	-34.61	≤-18.24	PASS
	Ant3	Low	2412	11.82	-39.88	≤-18.18	PASS
	Ant4	Low	2412	11.86	-37.08	≤-18.14	PASS
	Ant1	Low	2417	11.47	-38.31	≤-18.53	PASS
	Ant2	Low	2417	11.58	-39.36	≤-18.42	PASS
	Ant3	Low	2417	11.68	-39.74	≤-18.32	PASS
	Ant4	Low	2417	11.66	-39.53	≤-18.34	PASS
	Ant1	High	2457	9.66	-47.26	≤-20.34	PASS
	Ant2	High	2457	10.31	-47.5	≤-19.69	PASS
	Ant3	High	2457	9.96	-47.28	≤-20.04	PASS
	Ant4	High	2457	10.09	-46.8	≤-19.91	PASS
	Ant1	High	2462	9.80	-47.6	≤-20.2	PASS
	Ant2	High	2462	10.21	-46.67	≤-19.79	PASS
	Ant3	High	2462	9.87	-47.69	≤-20.13	PASS
	Ant4	High	2462	10.15	-47.21	≤-19.85	PASS
11G-CDD	Ant1	Low	2412	7.45	-23.92	≤-22.55	PASS
	Ant2	Low	2412	7.58	-23.76	≤-22.42	PASS
	Ant3	Low	2412	7.74	-23.01	≤-22.26	PASS
	Ant4	Low	2412	7.77	-24.03	≤-22.23	PASS
	Ant1	Low	2417	7.57	-44.01	≤-22.43	PASS
	Ant2	Low	2417	7.01	-45.89	≤-22.99	PASS
	Ant3	Low	2417	7.96	-40.78	≤-22.04	PASS
	Ant4	Low	2417	7.79	-45.39	≤-22.21	PASS
	Ant1	High	2457	7.55	-47.26	≤-22.45	PASS
	Ant2	High	2457	8.25	-46.65	≤-21.75	PASS
	Ant3	High	2457	8.38	-47.58	≤-21.62	PASS
	Ant4	High	2457	8.34	-47.25	≤-21.66	PASS
	Ant1	High	2462	6.43	-47.37	≤-23.57	PASS
	Ant2	High	2462	7.02	-46.68	≤-22.98	PASS
	Ant3	High	2462	7.32	-47.54	≤-22.68	PASS
	Ant4	High	2462	7.24	-46.81	≤-22.76	PASS
11AX20MIMO	Ant1	Low	2412	7.48	-25.61	≤-22.52	PASS
	Ant2	Low	2412	7.31	-24.87	≤-22.69	PASS
	Ant3	Low	2412	8.09	-24.57	≤-21.91	PASS
	Ant4	Low	2412	7.60	-25.27	≤-22.4	PASS
	Ant1	Low	2417	7.25	-43.59	≤-22.75	PASS
	Ant2	Low	2417	7.69	-44.62	≤-22.31	PASS
	Ant3	Low	2417	7.96	-40.84	≤-22.04	PASS
	Ant4	Low	2417	7.84	-45.43	≤-22.16	PASS
	Ant1	High	2457	6.35	-47.54	≤-23.65	PASS
	Ant2	High	2457	7.35	-47.57	≤-22.65	PASS
	Ant3	High	2457	7.30	-47.01	≤-22.7	PASS
	Ant4	High	2457	7.46	-46.64	≤-22.54	PASS
	Ant1	High	2462	6.19	-47.55	≤-23.81	PASS
	Ant2	High	2462	7.16	-47.01	≤-22.84	PASS
	Ant3	High	2462	7.34	-47.29	≤-22.66	PASS
	Ant4	High	2462	7.02	-45.33	≤-22.98	PASS
11AX40MIMO	Ant1	Low	2422	5.59	-24.44	≤-24.41	PASS
	Ant2	Low	2422	6.39	-25.58	≤-23.61	PASS
	Ant3	Low	2422	5.52	-24.82	≤-24.48	PASS
	Ant4	Low	2422	3.76	-27.75	≤-26.24	PASS
	Ant1	Low	2427	6.00	-39.02	≤-24	PASS
	Ant2	Low	2427	5.71	-38.93	≤-24.29	PASS
	Ant3	Low	2427	5.62	-36.59	≤-24.38	PASS

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	Ant4	Low	2427	5.63	-39.68	≤-24.37	PASS
	Ant1	High	2447	4.47	-44.23	≤-25.53	PASS
	Ant2	High	2447	5.43	-42.97	≤-24.57	PASS
	Ant3	High	2447	5.44	-40.95	≤-24.56	PASS
	Ant4	High	2447	5.28	-40.88	≤-24.72	PASS
	Ant1	High	2452	4.35	-45.1	≤-25.65	PASS
	Ant2	High	2452	5.19	-45.6	≤-24.81	PASS
	Ant3	High	2452	5.43	-41.7	≤-24.57	PASS
	Ant4	High	2452	5.51	-39.51	≤-24.49	PASS
11BE20MIMO	Ant1	Low	2412	7.10	-24.34	≤-22.9	PASS
	Ant2	Low	2412	7.57	-24.24	≤-22.43	PASS
	Ant3	Low	2412	8.00	-23.07	≤-22	PASS
	Ant4	Low	2412	7.83	-25.17	≤-22.17	PASS
	Ant1	Low	2417	7.30	-44.47	≤-22.7	PASS
	Ant2	Low	2417	7.38	-45.64	≤-22.62	PASS
	Ant3	Low	2417	8.04	-42.6	≤-21.96	PASS
	Ant4	Low	2417	7.29	-46.46	≤-22.71	PASS
	Ant1	High	2457	6.45	-48.09	≤-23.55	PASS
	Ant2	High	2457	7.37	-47.5	≤-22.63	PASS
	Ant3	High	2457	6.91	-47	≤-23.09	PASS
	Ant4	High	2457	7.28	-47.51	≤-22.72	PASS
	Ant1	High	2462	6.49	-47.41	≤-23.51	PASS
	Ant2	High	2462	7.16	-47.28	≤-22.84	PASS
	Ant3	High	2462	7.38	-47.29	≤-22.62	PASS
	Ant4	High	2462	7.10	-47.47	≤-22.9	PASS
11BE40MIMO	Ant1	Low	2422	5.42	-24.63	≤-24.58	PASS
	Ant2	Low	2422	5.24	-24.84	≤-24.76	PASS
	Ant3	Low	2422	6.19	-23.9	≤-23.81	PASS
	Ant4	Low	2422	5.41	-25.69	≤-24.59	PASS
	Ant1	Low	2427	5.37	-38.29	≤-24.63	PASS
	Ant2	Low	2427	5.58	-36.74	≤-24.42	PASS
	Ant3	Low	2427	5.90	-37.54	≤-24.1	PASS
	Ant4	Low	2427	5.25	-36.5	≤-24.75	PASS
	Ant1	High	2447	4.37	-45.69	≤-25.63	PASS
	Ant2	High	2447	5.37	-43.8	≤-24.63	PASS
	Ant3	High	2447	5.20	-44.57	≤-24.8	PASS
	Ant4	High	2447	5.22	-40.75	≤-24.78	PASS
	Ant1	High	2452	4.28	-42.37	≤-25.72	PASS
	Ant2	High	2452	5.14	-43.75	≤-24.86	PASS
	Ant3	High	2452	5.27	-40.04	≤-24.73	PASS
	Ant4	High	2452	5.48	-40.39	≤-24.52	PASS

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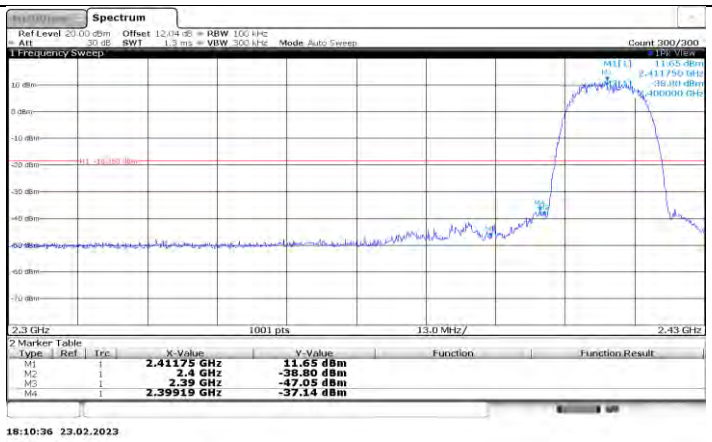
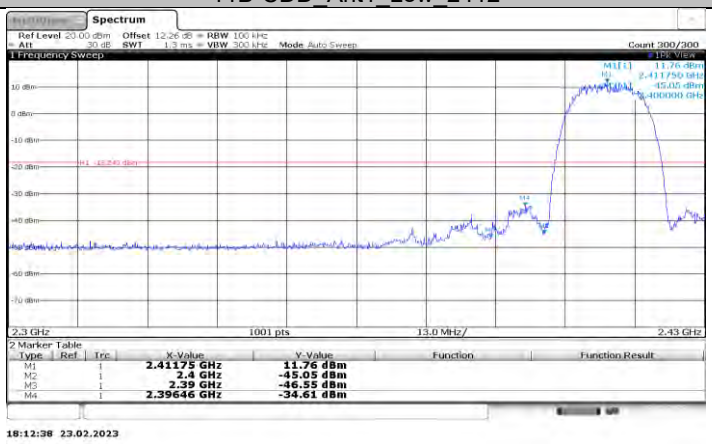
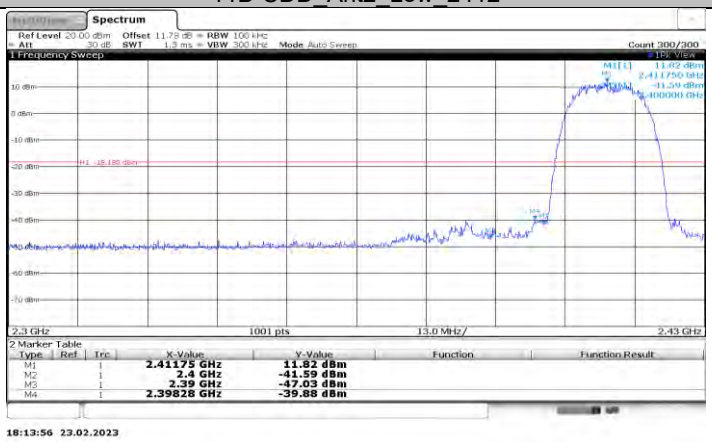
11.5.2. Test Graphs



11B-CDD_Ant1_Low_2412



11B-CDD_Ant2_Low_2412



11B-CDD_Ant3_Low_2412

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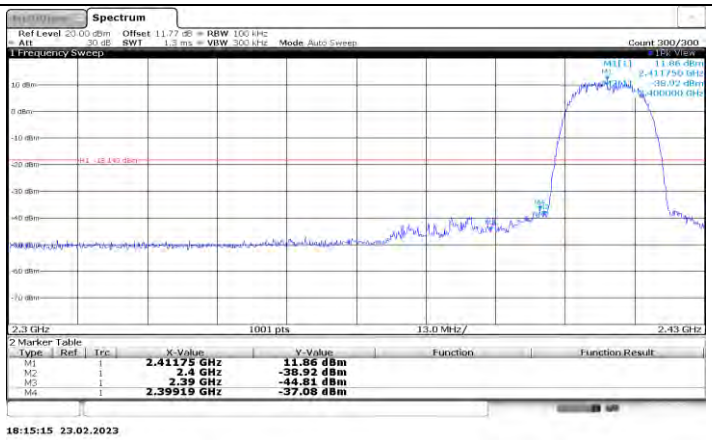
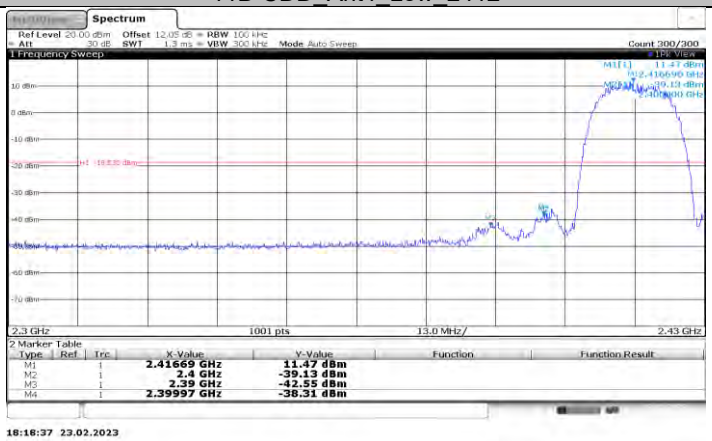
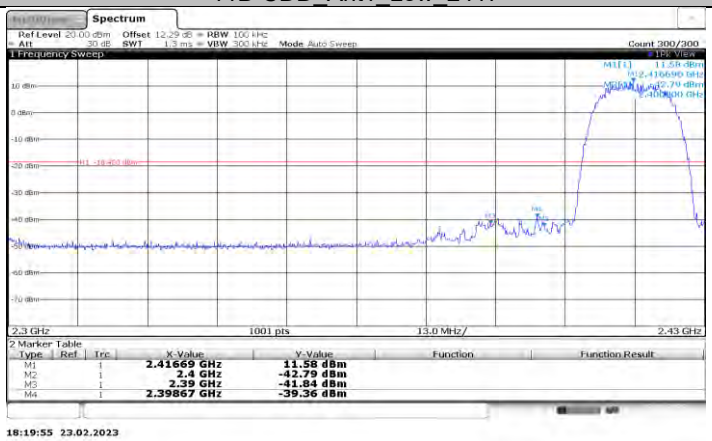


11B-CDD_Ant4_Low_2412



11B-CDD_Ant1_Low_2417



11B-CDD_Ant2_Low_2417

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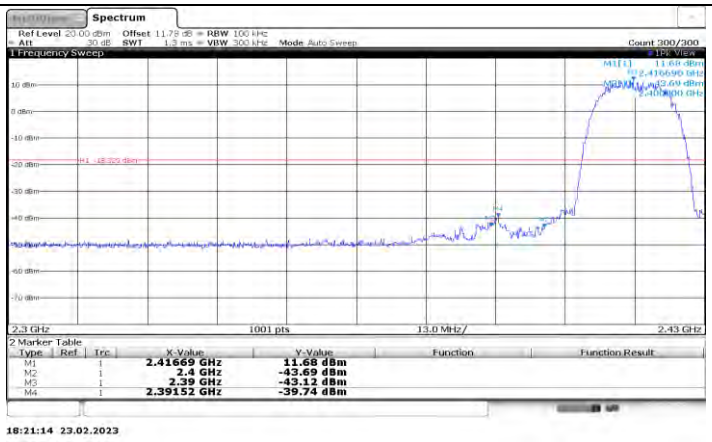

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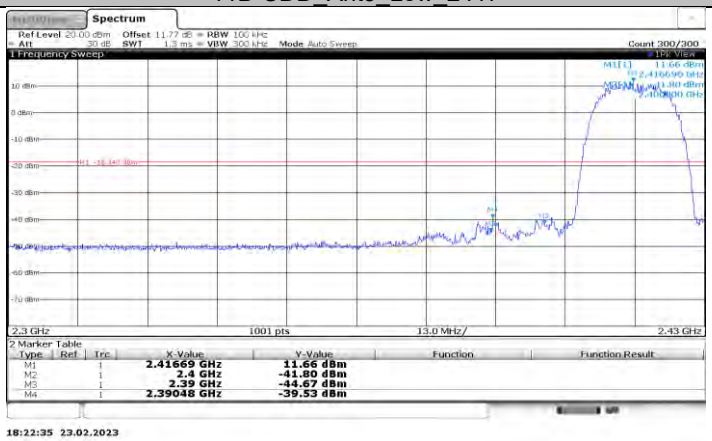

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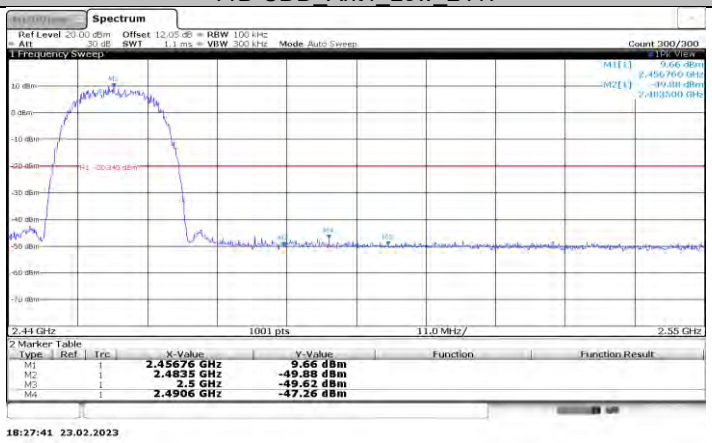

11B-CDD_Ant1_High_2457

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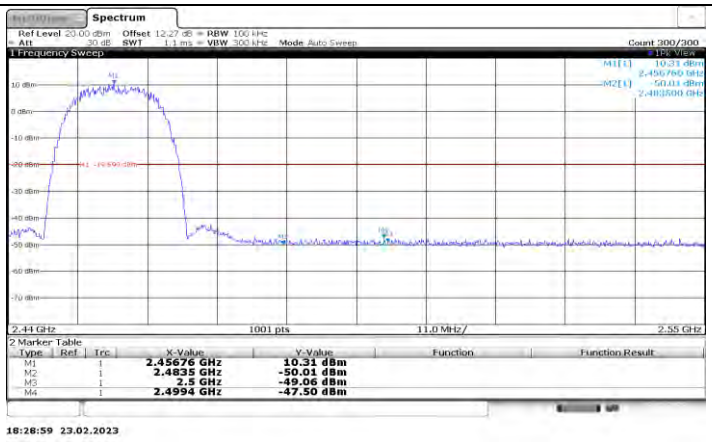

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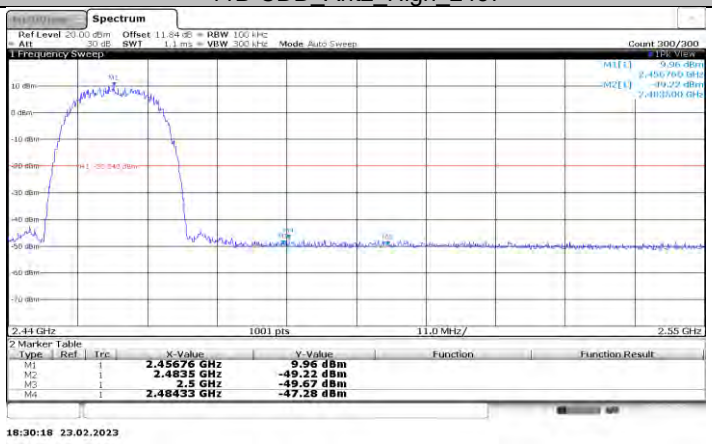

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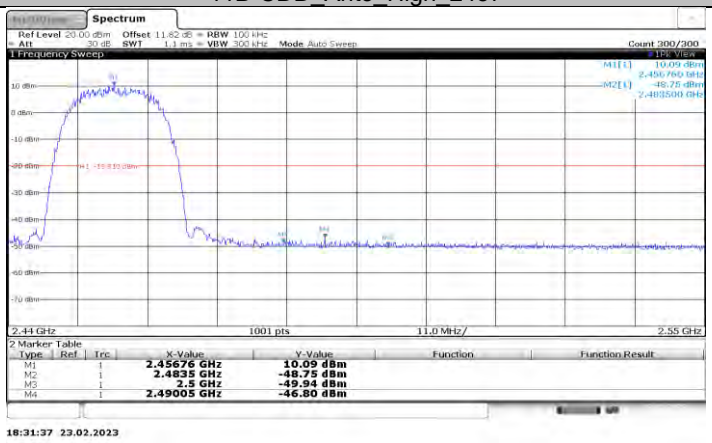

11B-CDD_Ant4_High_2457

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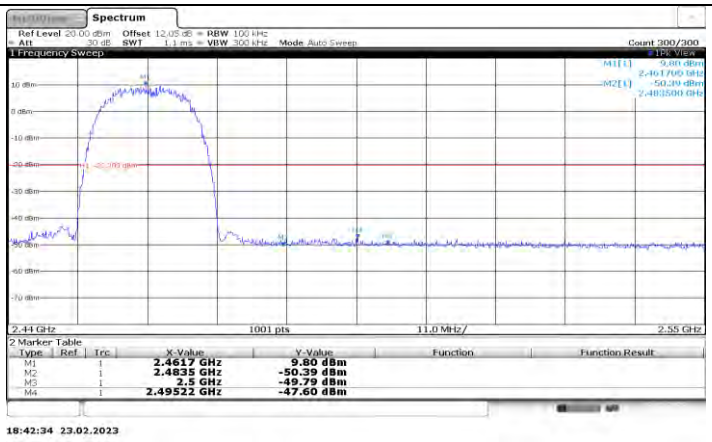
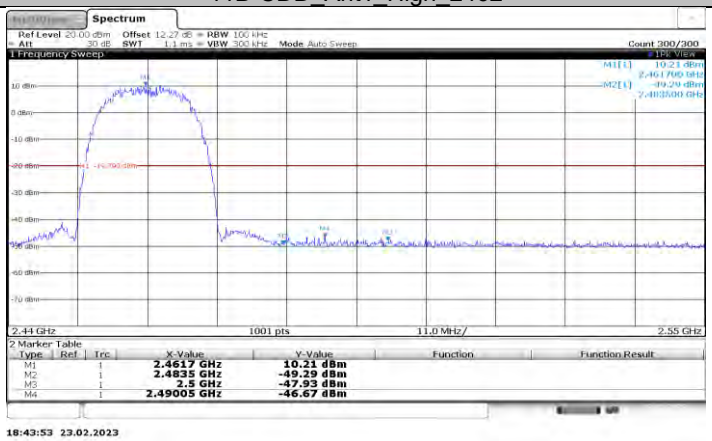


11B-CDD_Ant1_High_2462



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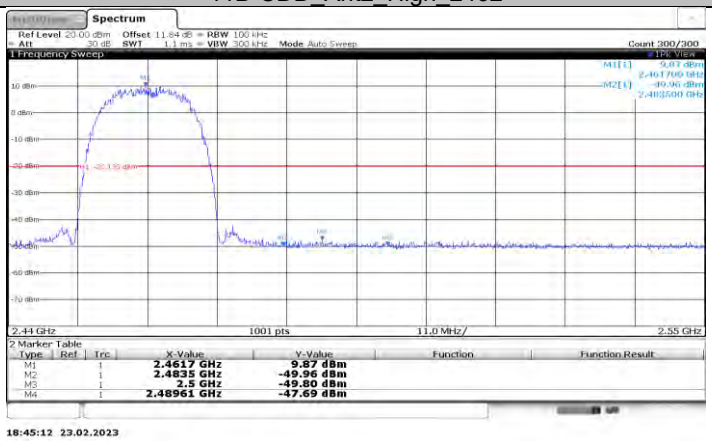

11B-CDD_Ant3_High_2462

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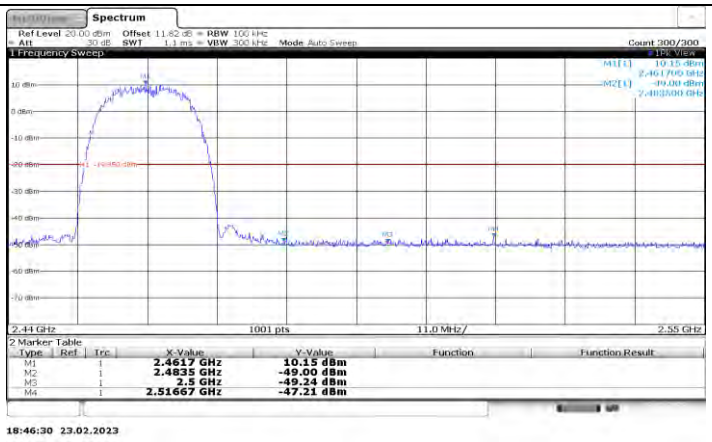
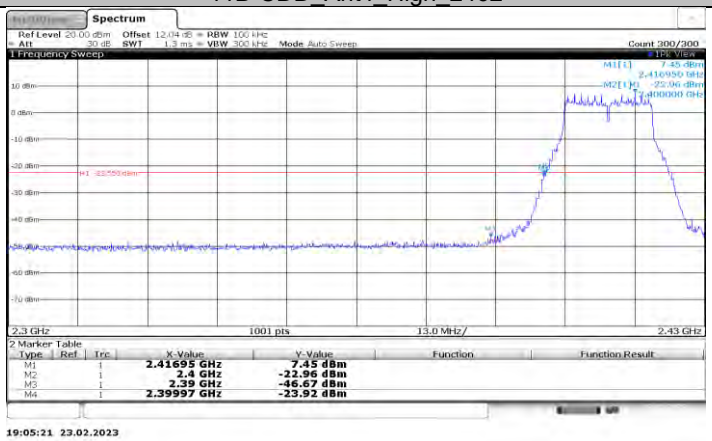
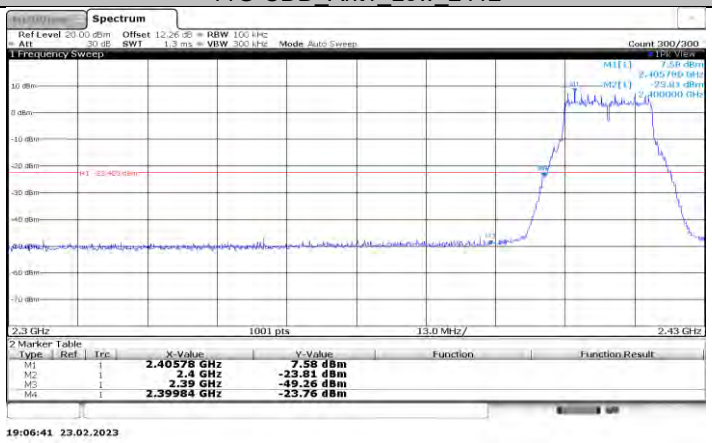


11B-CDD_Ant4_High_2462



11G-CDD_Ant1_Low_2412



11G-CDD_Ant2_Low_2412

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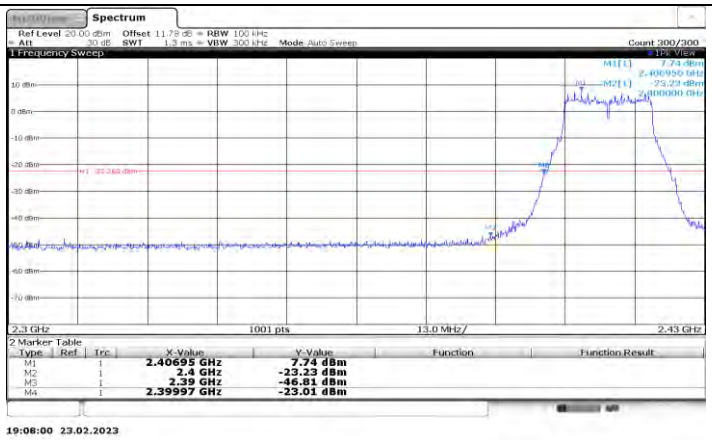

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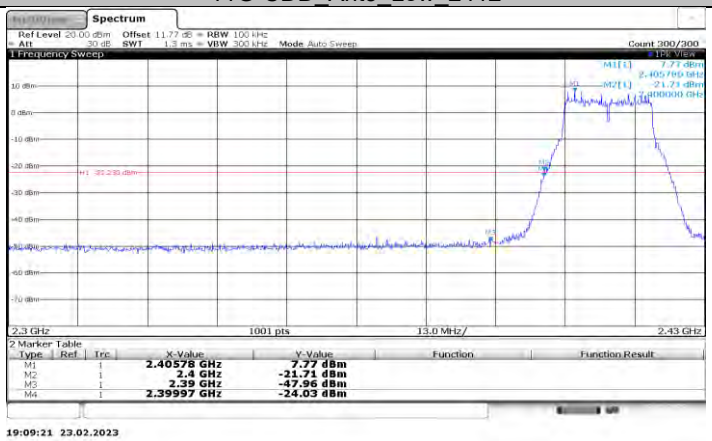

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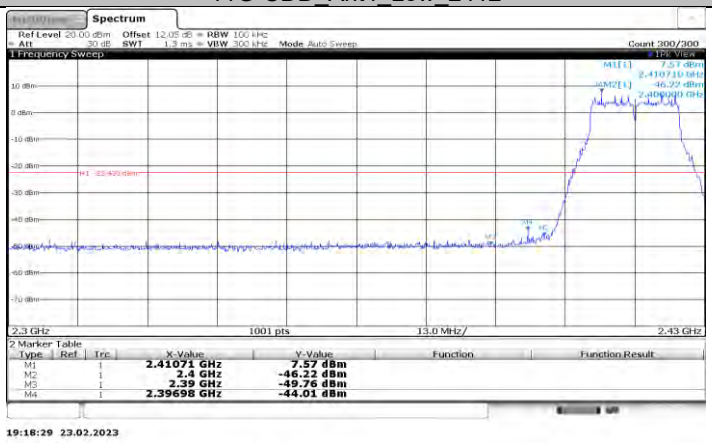

11G-CDD_Ant1_Low_2417

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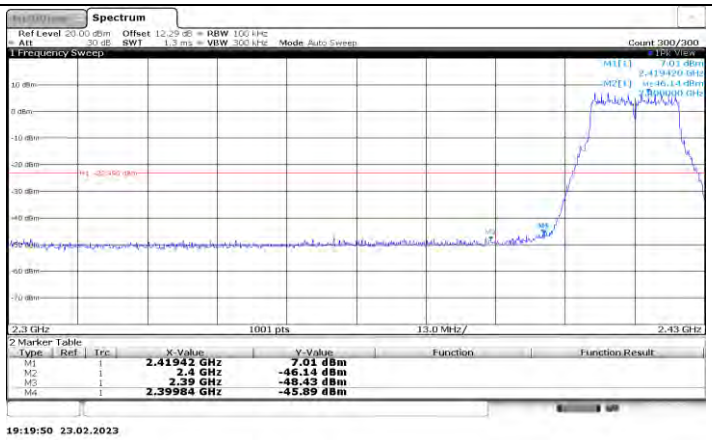

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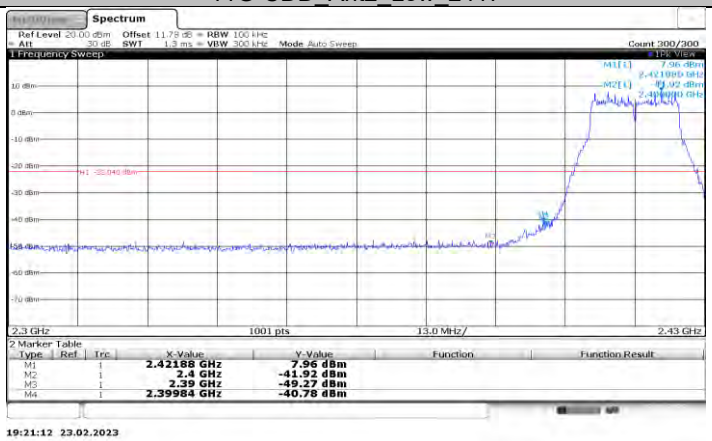

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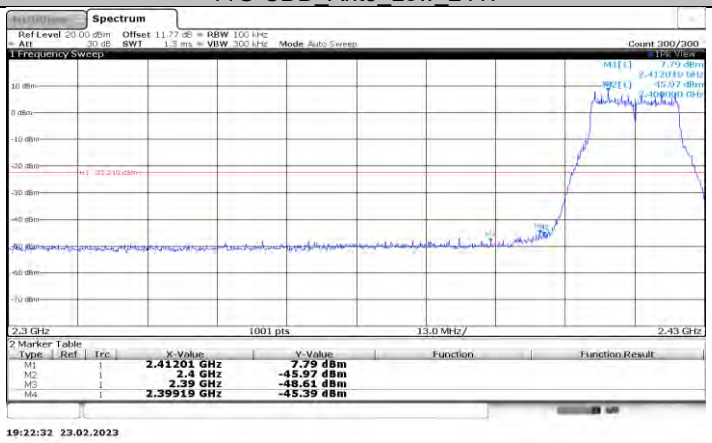

11G-CDD_Ant4_Low_2417

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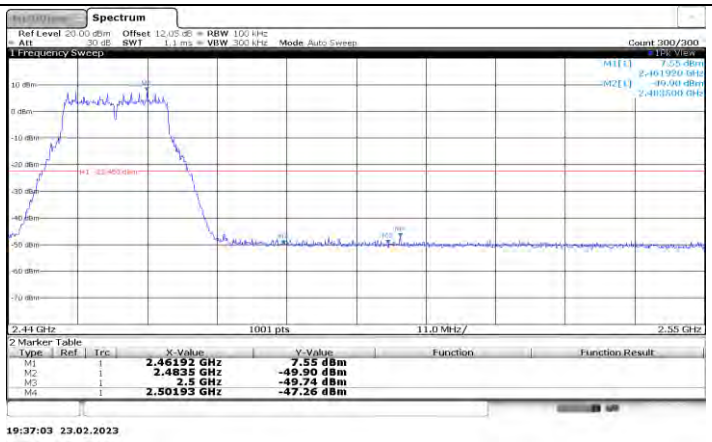
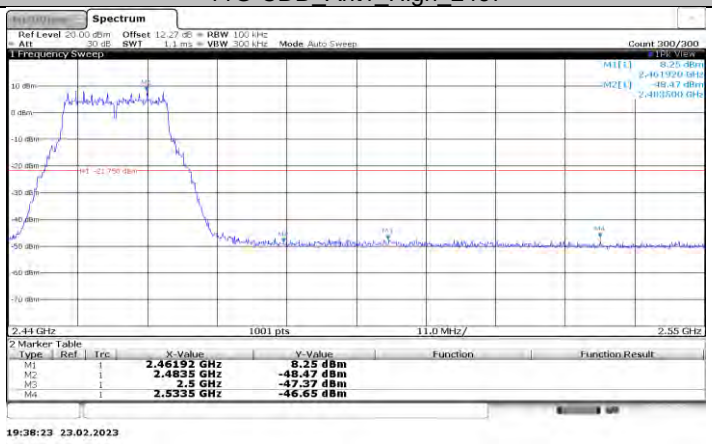


11G-CDD_Ant1_High_2457



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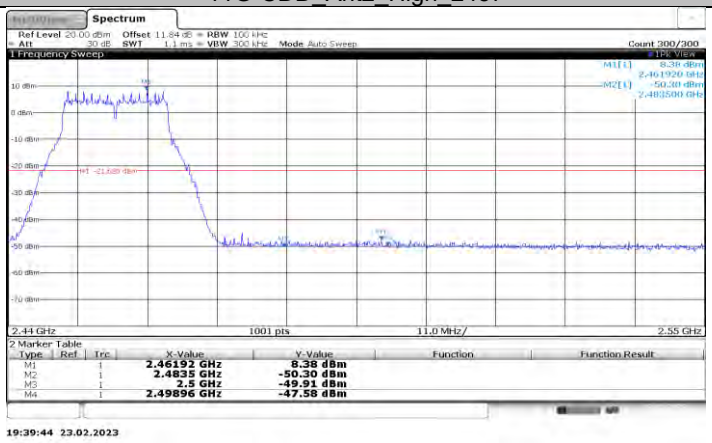

11G-CDD_Ant3_High_2457

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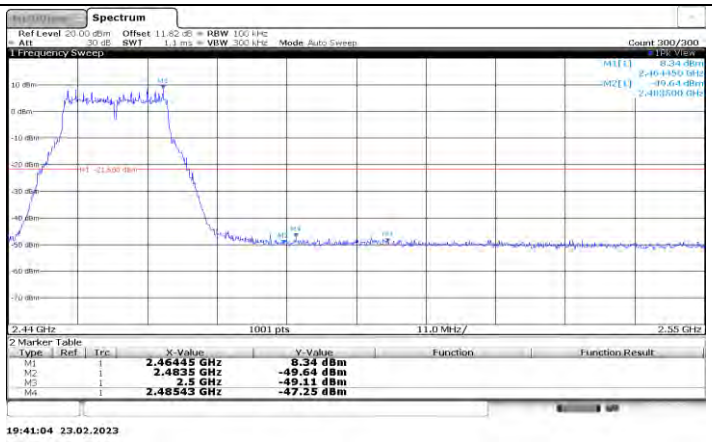

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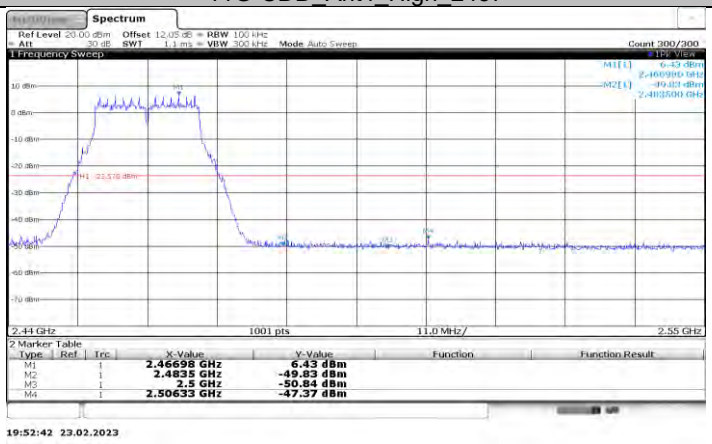
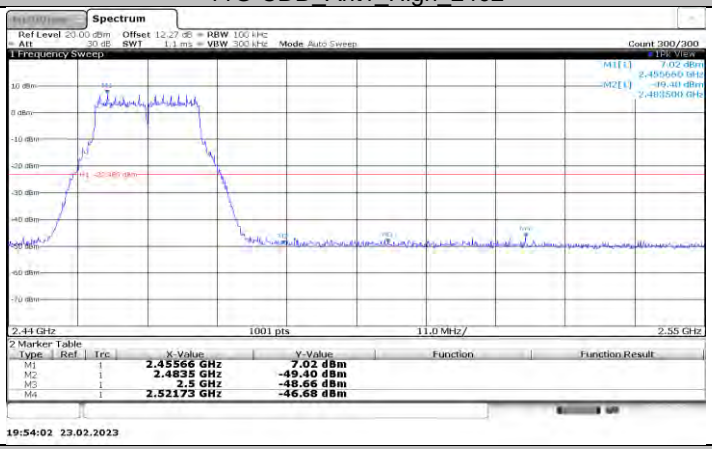


11G-CDD_Ant1_High_2462



11G-CDD_Ant2_High_2462

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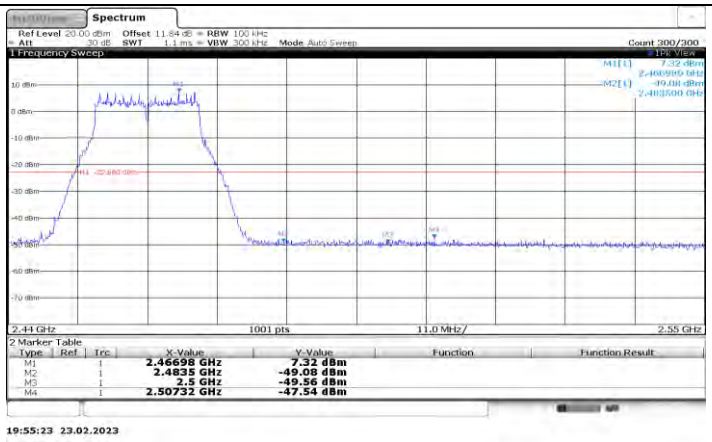

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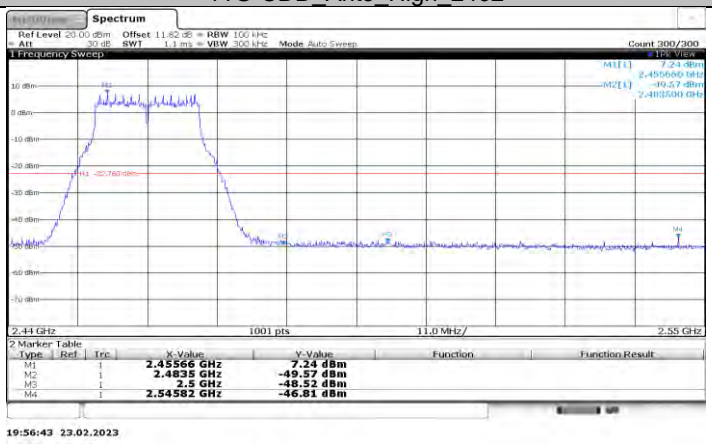

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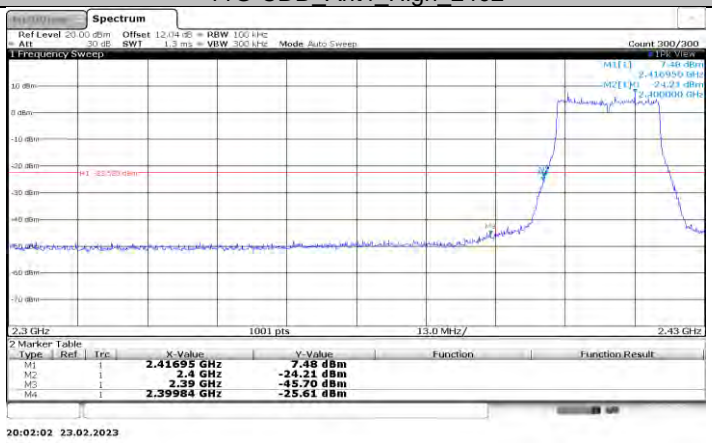

11AX20MIMO_Ant1_Low_2412

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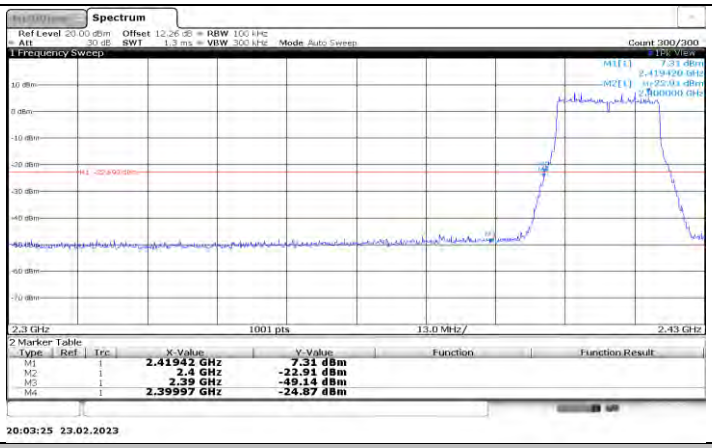

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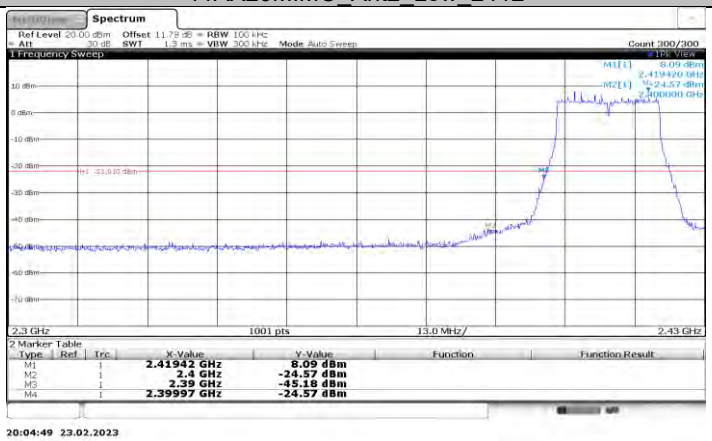

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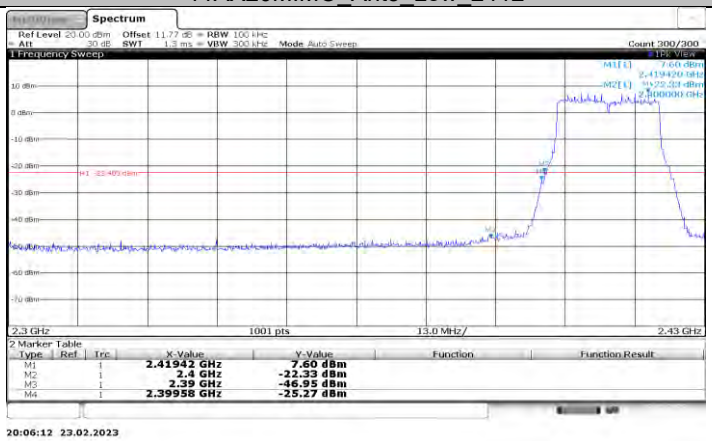

11AX20MIMO_Ant4_Low_2412

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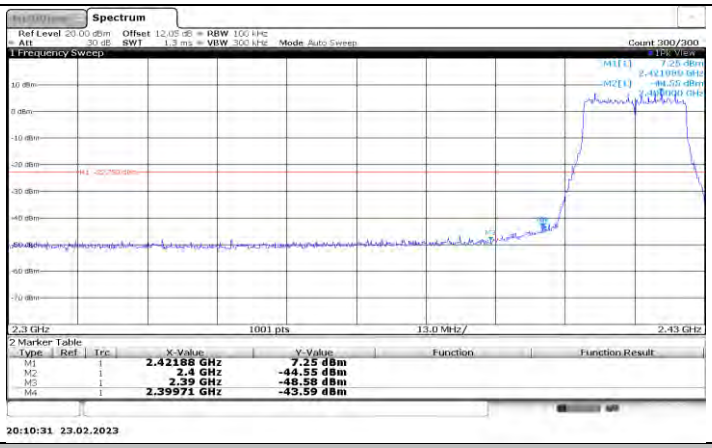
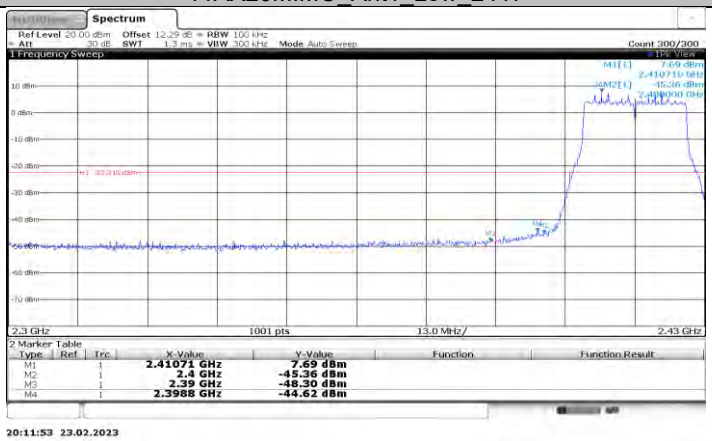


11AX20MIMO_Ant1_Low_2417



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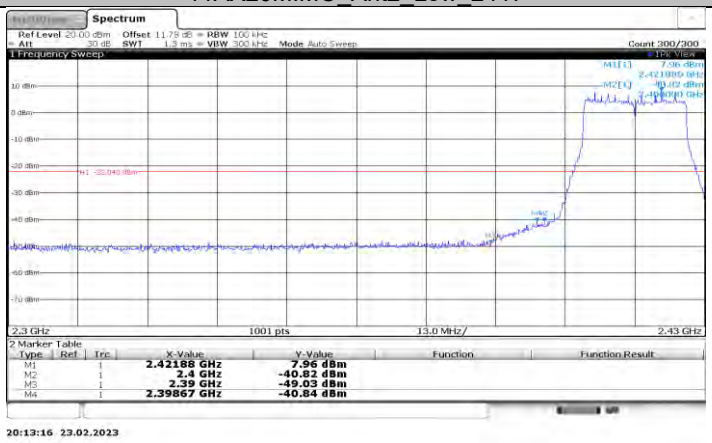

11AX20MIMO_Ant3_Low_2417

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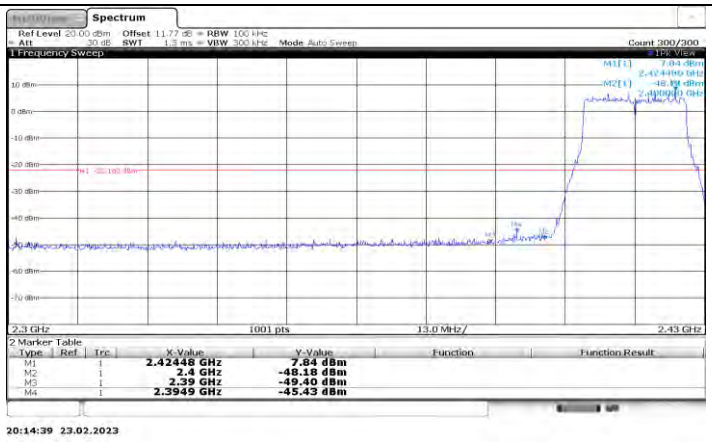

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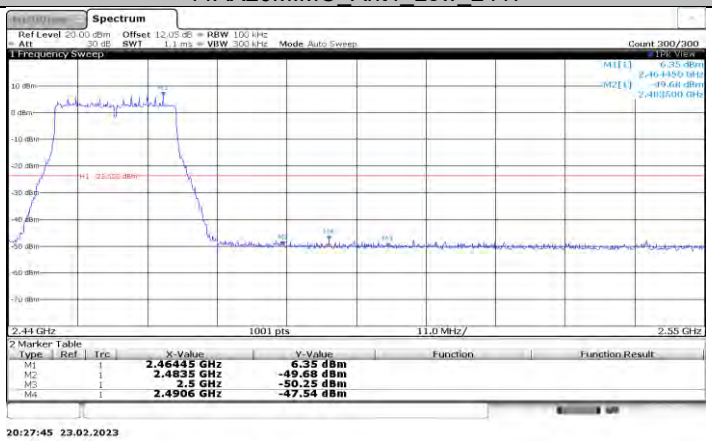
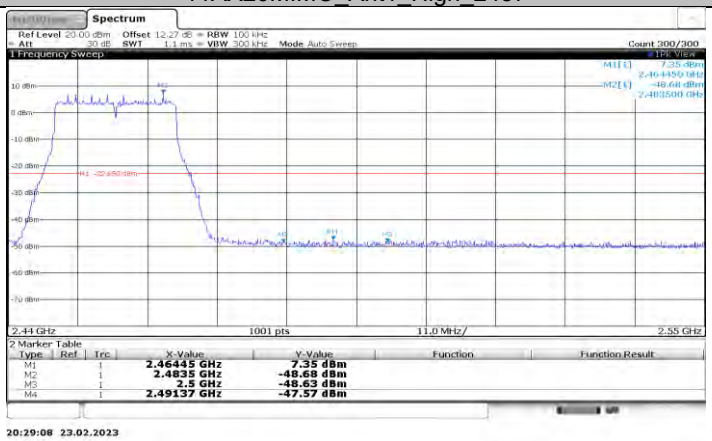


11AX20MIMO_Ant1_High_2457



11AX20MIMO_Ant2_High_2457

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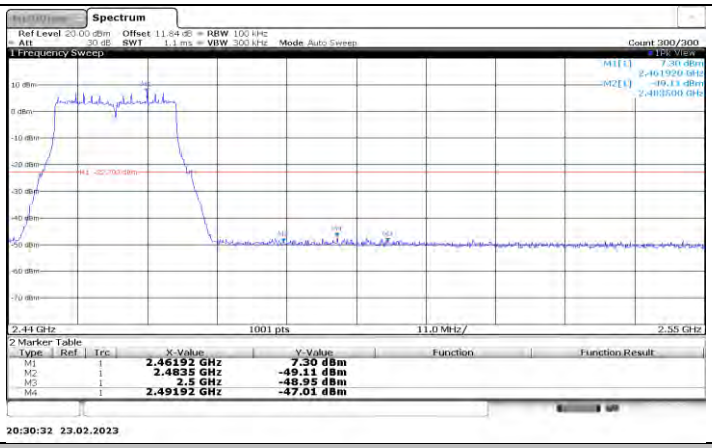

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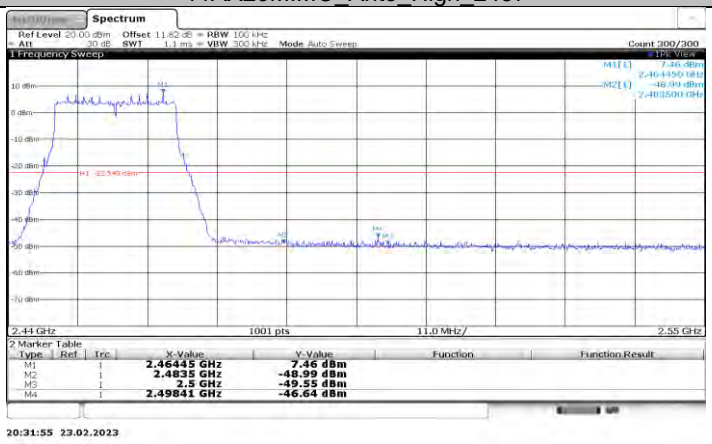

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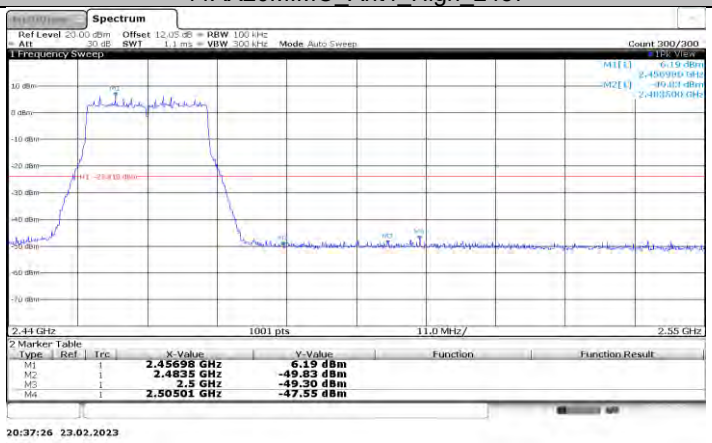

11AX20MIMO_Ant1_High_2462

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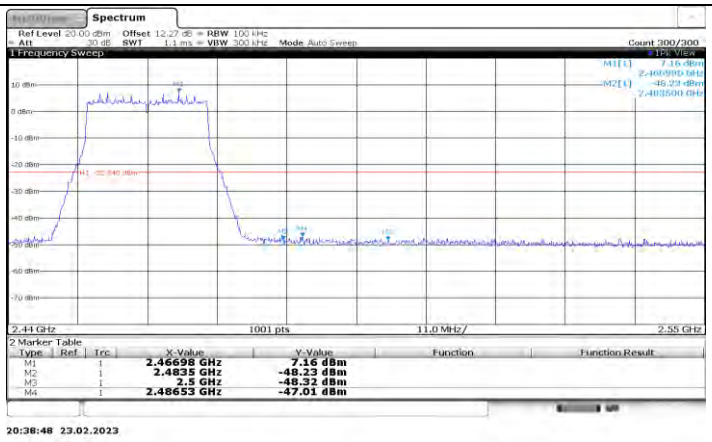

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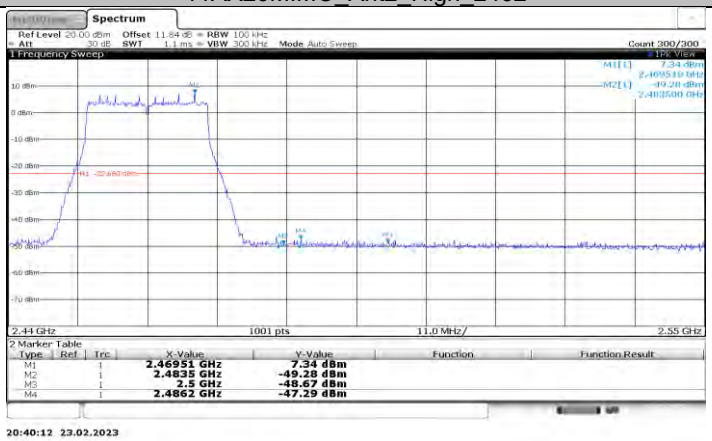

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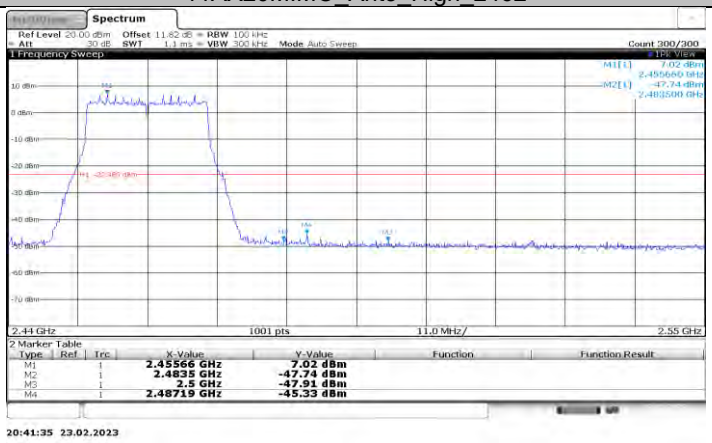

11AX20MIMO_Ant4_High_2462

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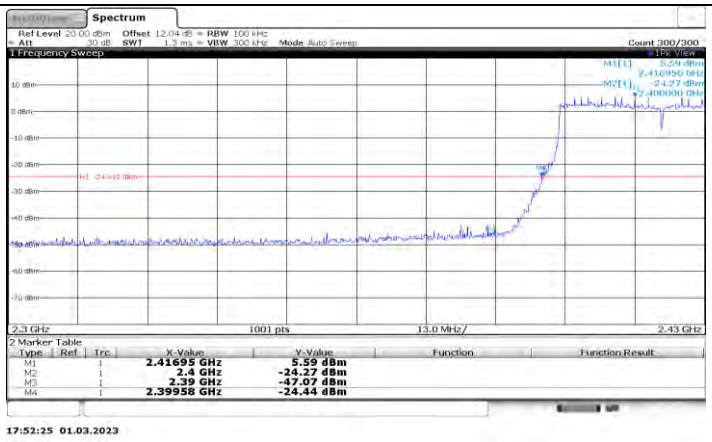
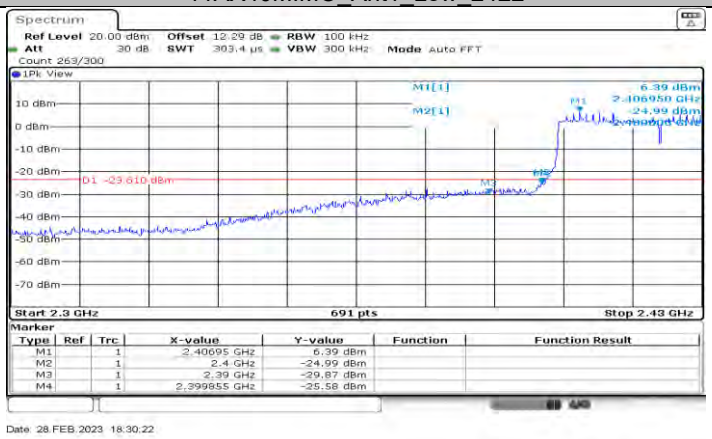


11AX40MIMO_Ant1_Low_2422



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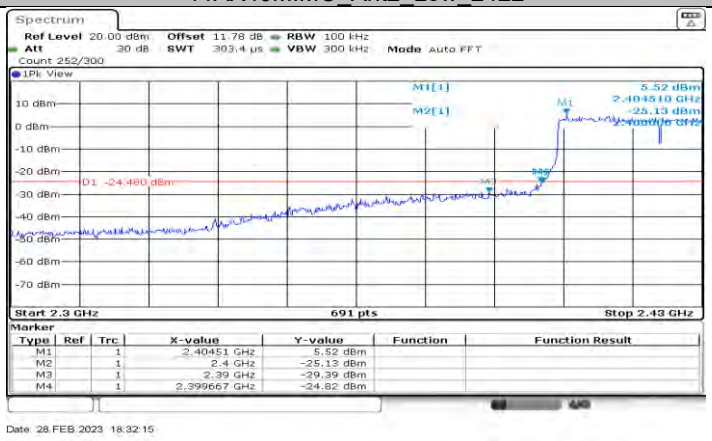

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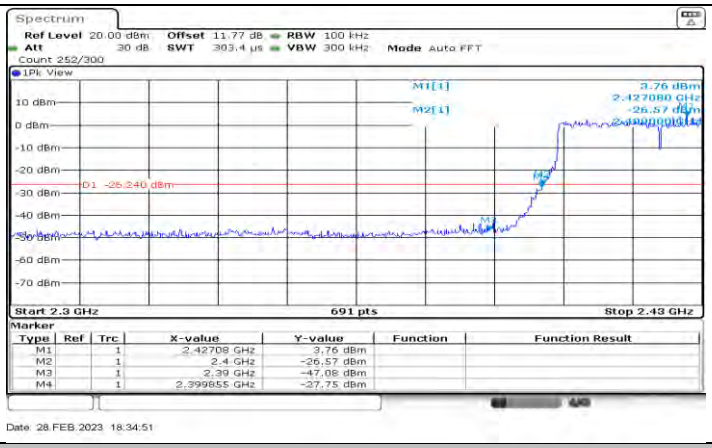

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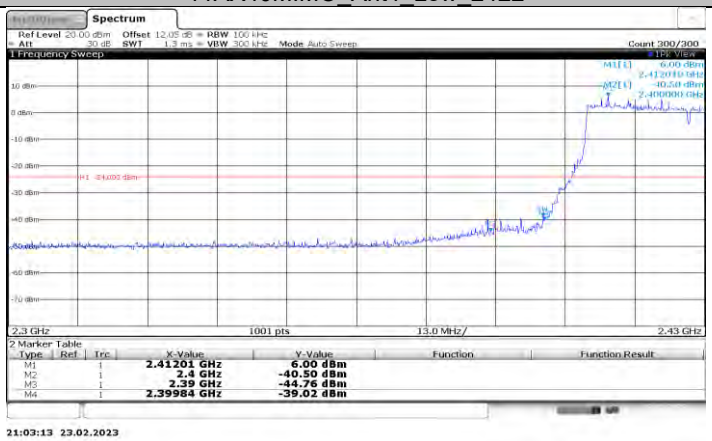
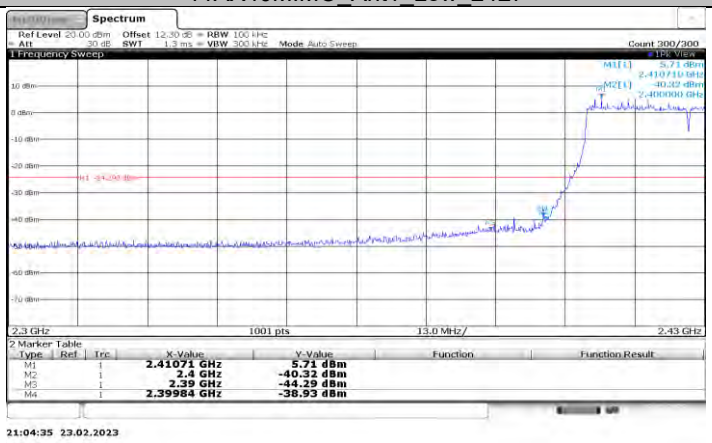


11AX40MIMO_Ant1_Low_2427



11AX40MIMO_Ant2_Low_2427

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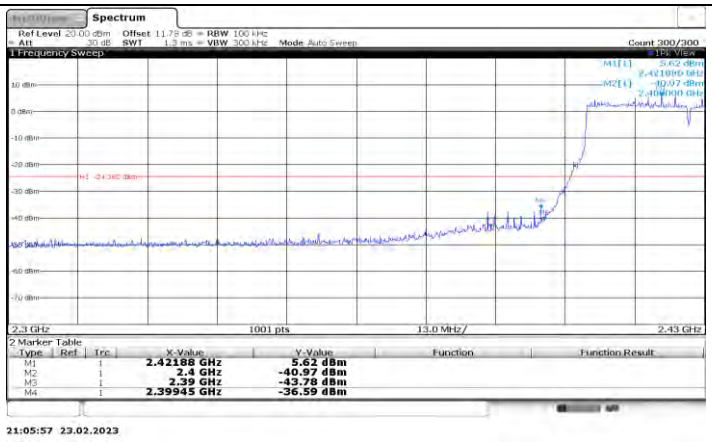
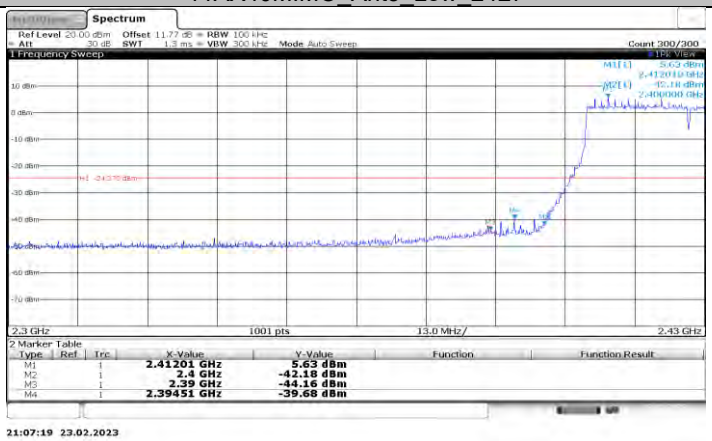


11AX40MIMO_Ant3_Low_2427



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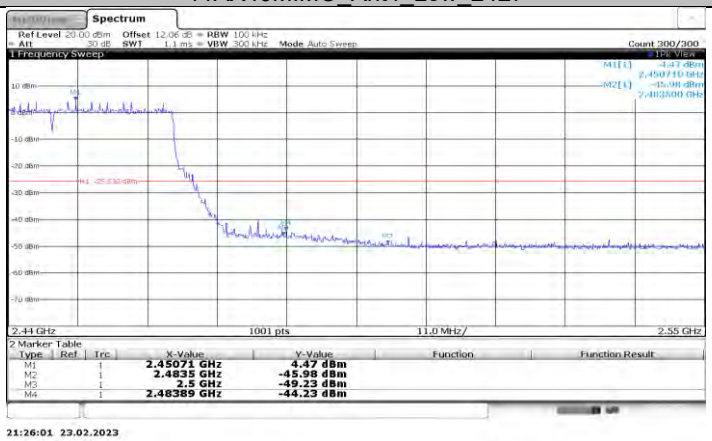

11AX40MIMO_Ant1_High_2447

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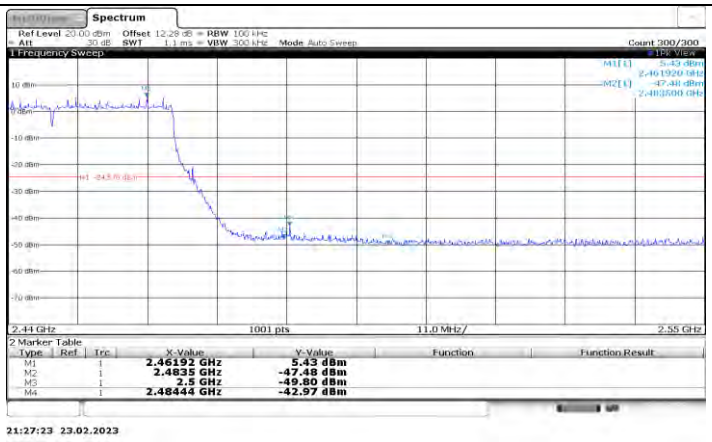

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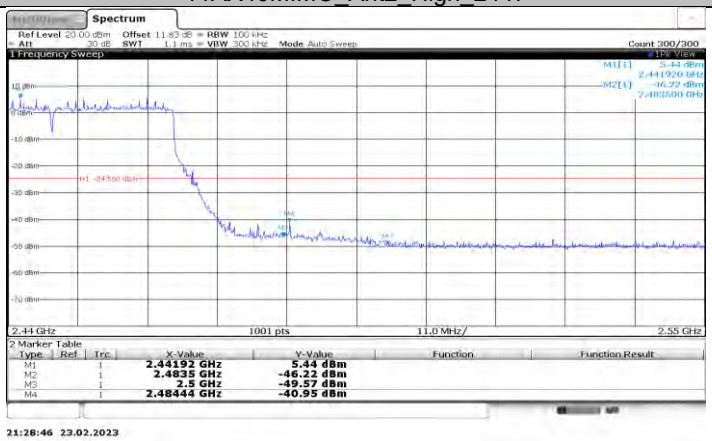

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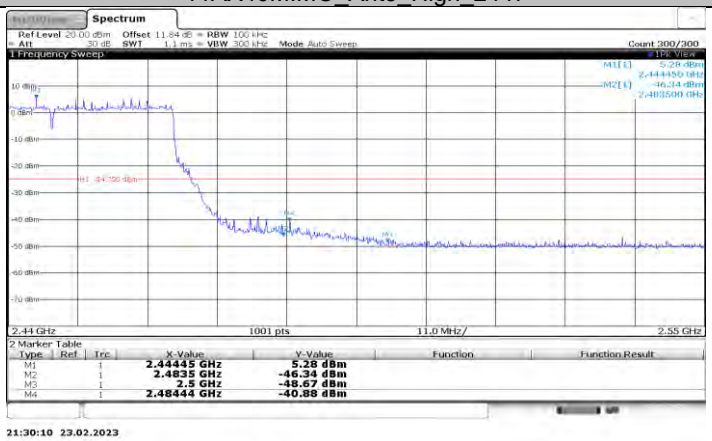

11AX40MIMO_Ant4_High_2447

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