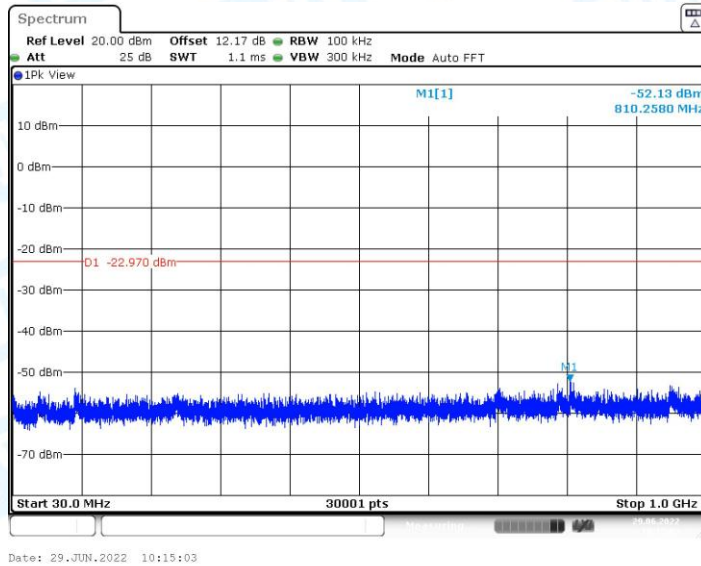
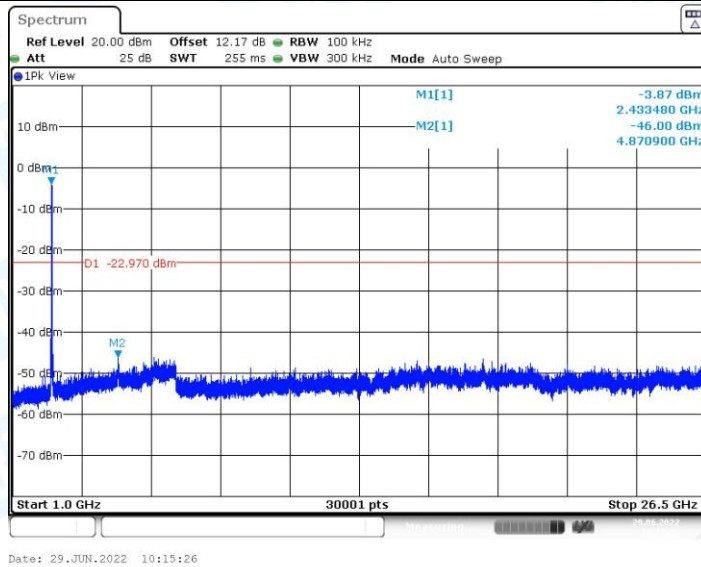


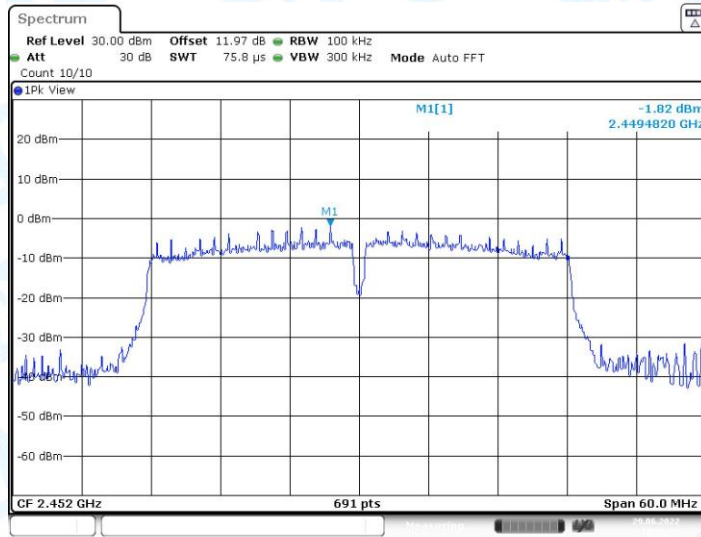
11N40MIMO_Ant2_2437_0~Reference



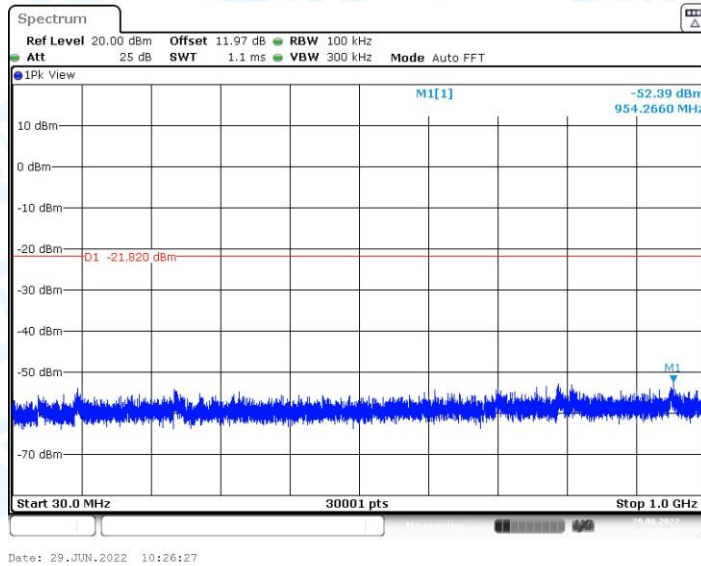
11N40MIMO_Ant2_2437_30~1000



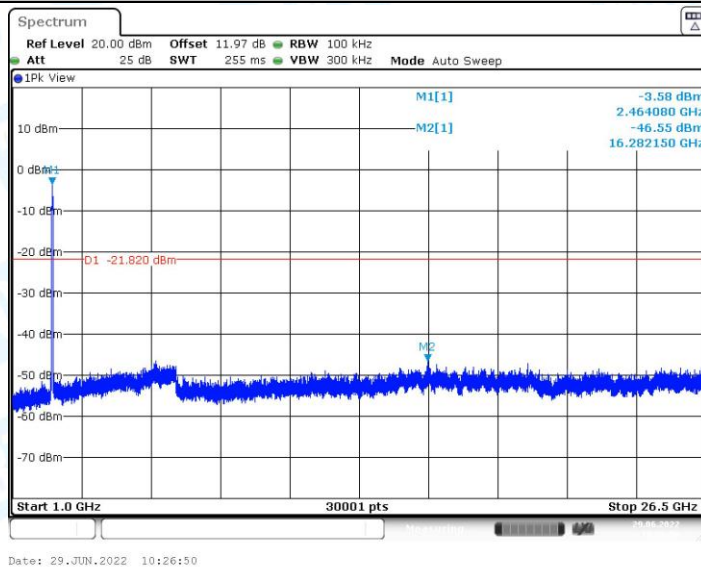
11N40MIMO_Ant2_2437_1000~26500



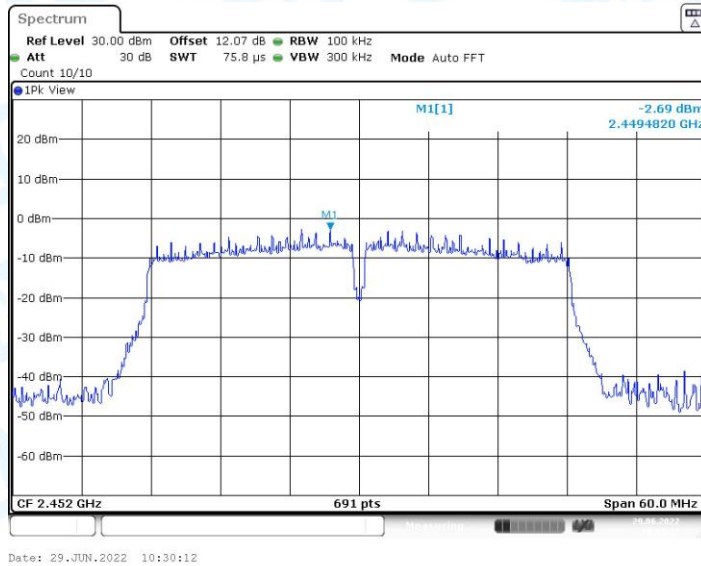
11N40MIMO_Ant1_2452_0~Reference



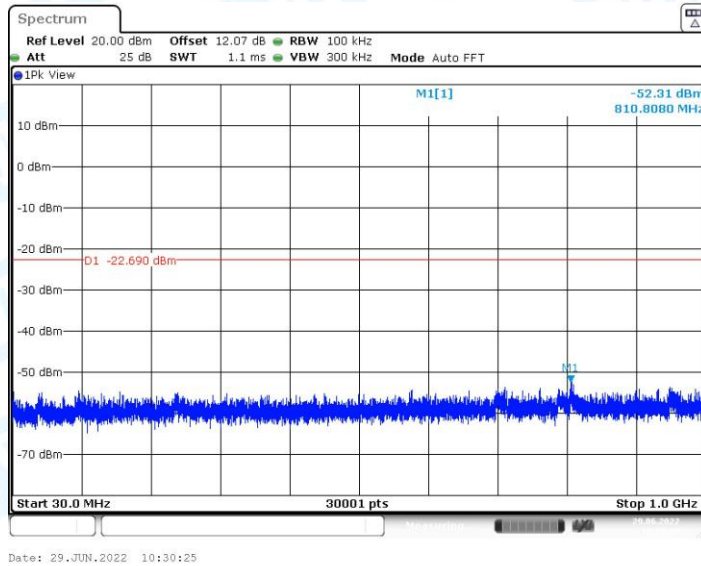
11N40MIMO_Ant1_2452_30~1000



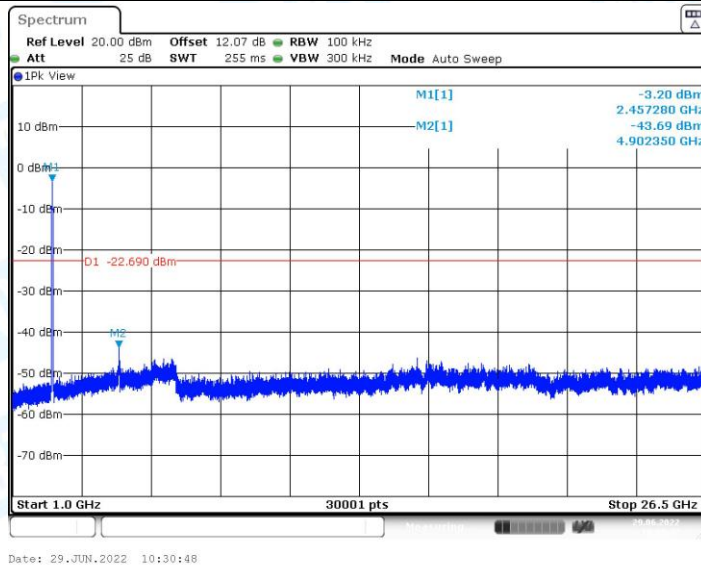
11N40MIMO_Ant1_2452_1000~26500



11N40MIMO_Ant2_2452_0~Reference



11N40MIMO_Ant2_2452_30~1000



11N40MIMO_Ant2_2452_1000~26500

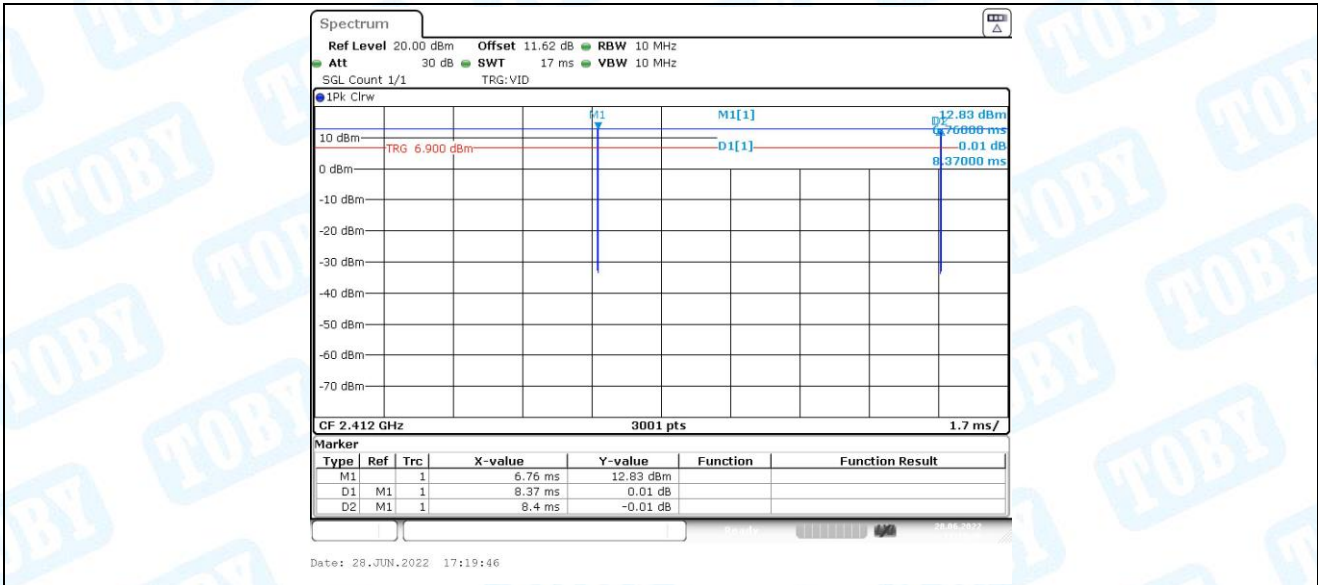
7. Duty Cycle

7.1. Test Result

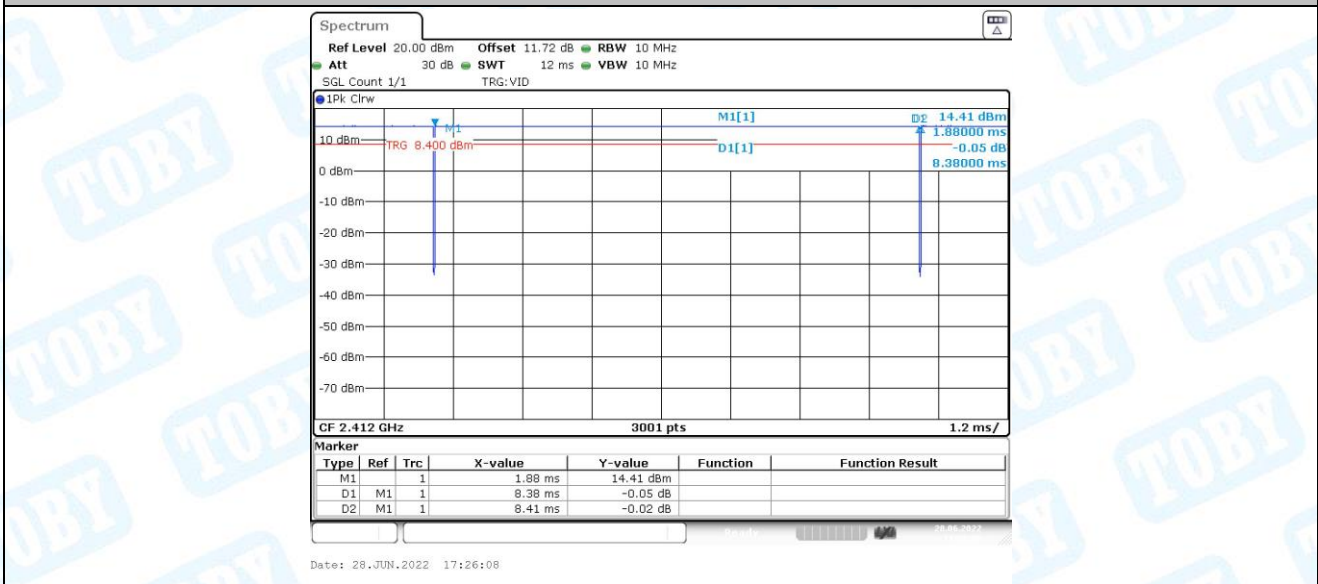
TestMode	Antenna	Channel	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	1/T [KHz]	Limit	Verdict
11B-CDD	Ant1	2412	8.37	8.40	99.64	0.12	---	---
	Ant2	2412	8.38	8.41	99.64	0.12	---	---
	Ant1	2437	8.38	8.40	99.76	0.12	---	---
	Ant2	2437	8.38	8.41	99.64	0.12	---	---
	Ant1	2462	8.38	8.41	99.64	0.12	---	---
	Ant2	2462	8.37	8.40	99.64	0.12	---	---
11G-CDD	Ant1	2412	1.39	1.43	97.20	0.72	---	---
	Ant2	2412	1.39	1.43	97.20	0.72	---	---
	Ant1	2437	1.40	1.43	97.90	0.71	---	---
	Ant2	2437	1.39	1.43	97.20	0.72	---	---
	Ant1	2462	1.39	1.43	97.20	0.72	---	---
	Ant2	2462	1.39	1.43	97.20	0.72	---	---
11N20MIMO	Ant1	2412	1.30	1.33	97.74	0.77	---	---
	Ant2	2412	1.30	1.33	97.74	0.77	---	---
	Ant1	2437	1.30	1.34	97.01	0.77	---	---
	Ant2	2437	1.30	1.33	97.74	0.77	---	---
	Ant1	2462	1.30	1.33	97.74	0.77	---	---
	Ant2	2462	1.30	1.33	97.74	0.77	---	---
11N40MIMO	Ant1	2422	0.65	0.69	94.20	1.54	---	---
	Ant2	2422	0.65	0.69	94.20	1.54	---	---
	Ant1	2437	0.65	0.68	95.59	1.54	---	---
	Ant2	2437	0.65	0.69	94.20	1.54	---	---
	Ant1	2452	0.65	0.69	94.20	1.54	---	---
	Ant2	2452	0.64	0.68	94.12	1.56	---	---

Note: 1/T=1/ Transmission Duration

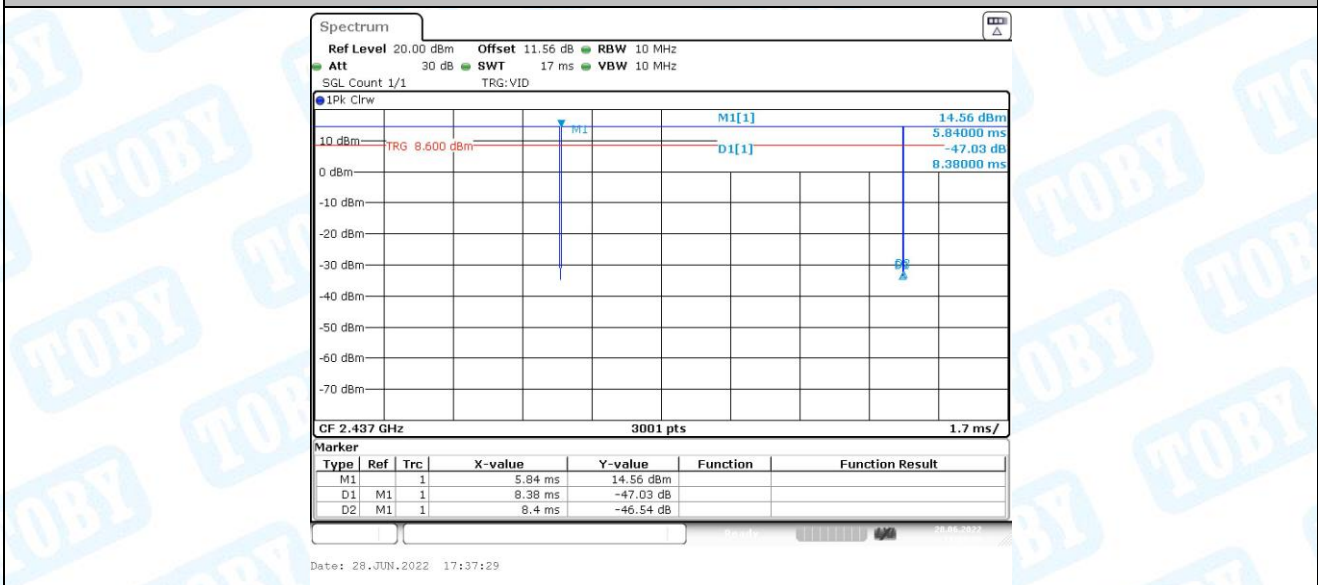
7.2. Test Graphs



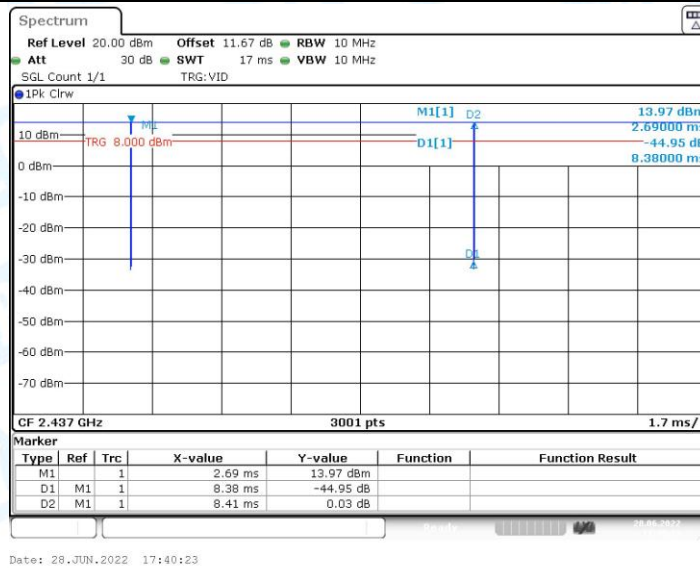
11B-CDD_Ant1_2412



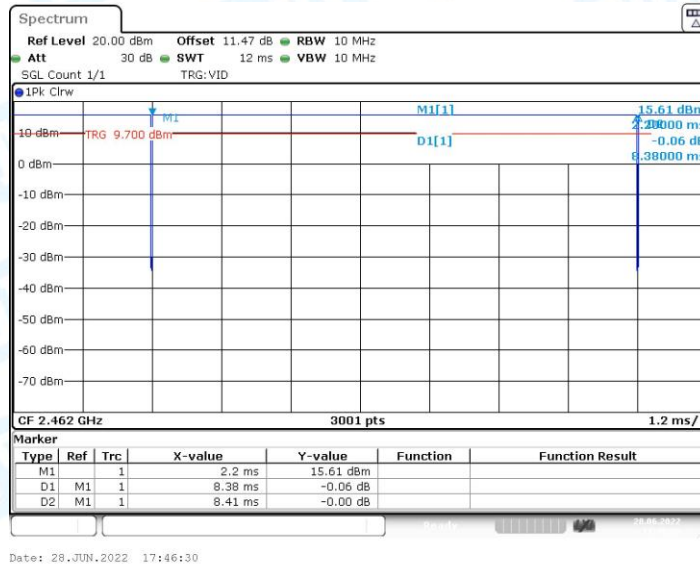
11B-CDD_Ant2_2412



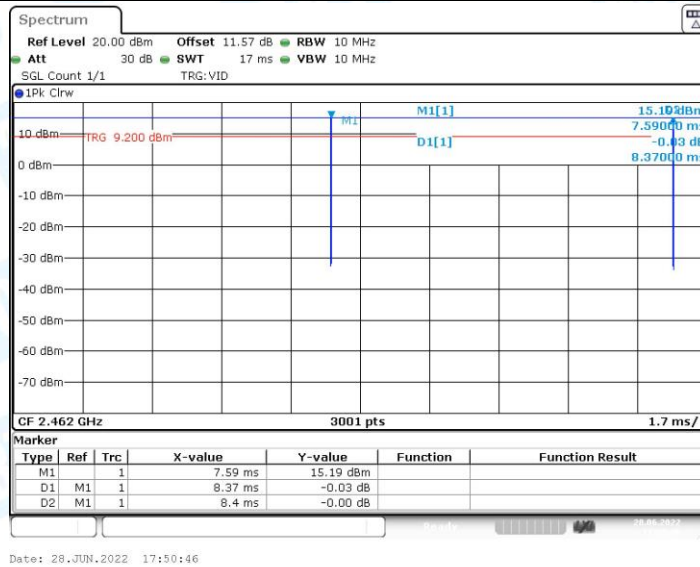
11B-CDD_Ant1_2437



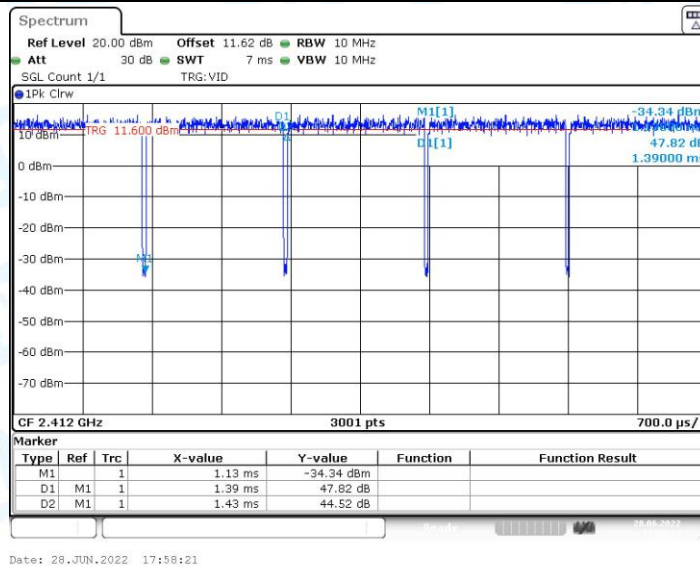
11B-CDD_Ant2_2437



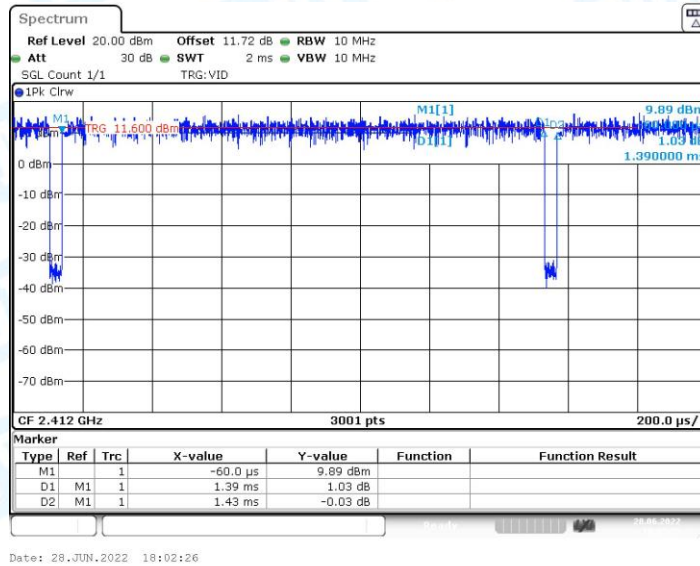
11B-CDD_Ant1_2462



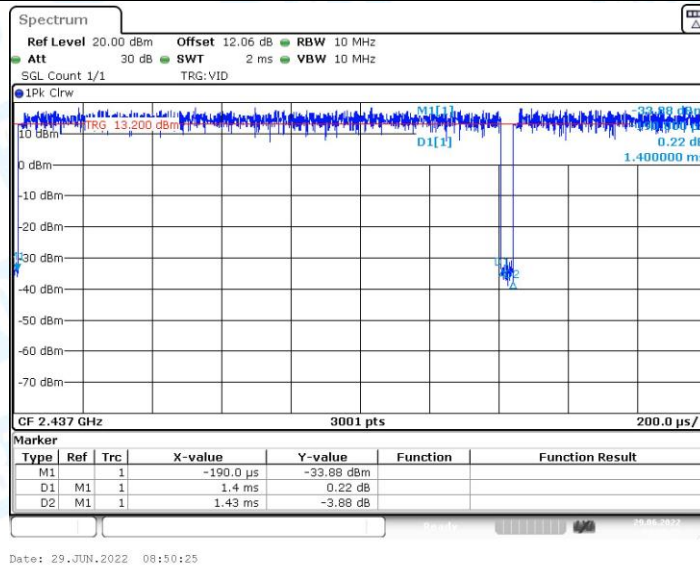
11B-CDD_Ant2_2462



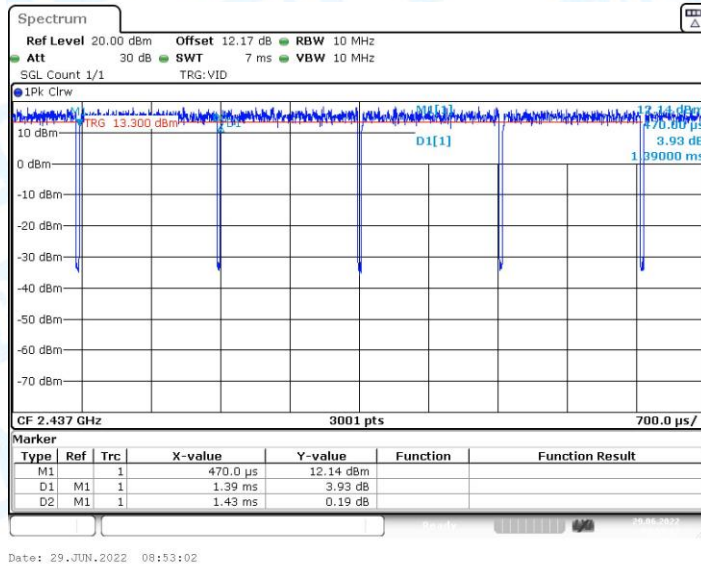
11G-CDD_Ant1_2412



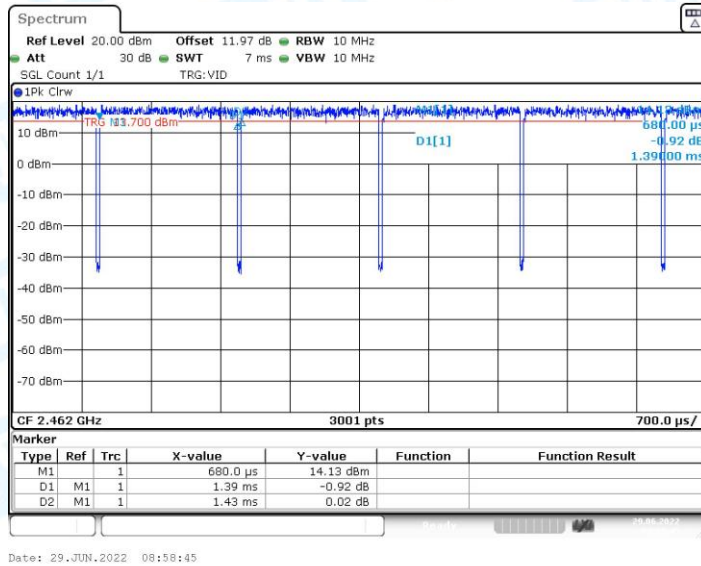
11G-CDD_Ant2_2412



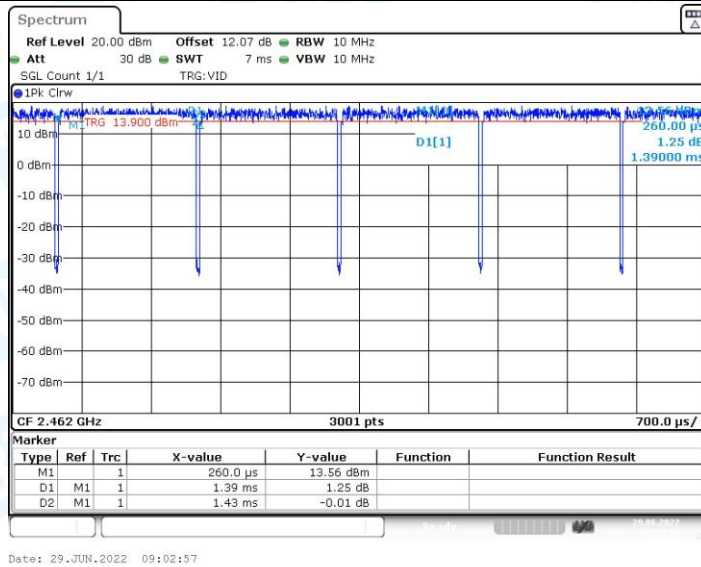
11G-CDD_Ant1_2437



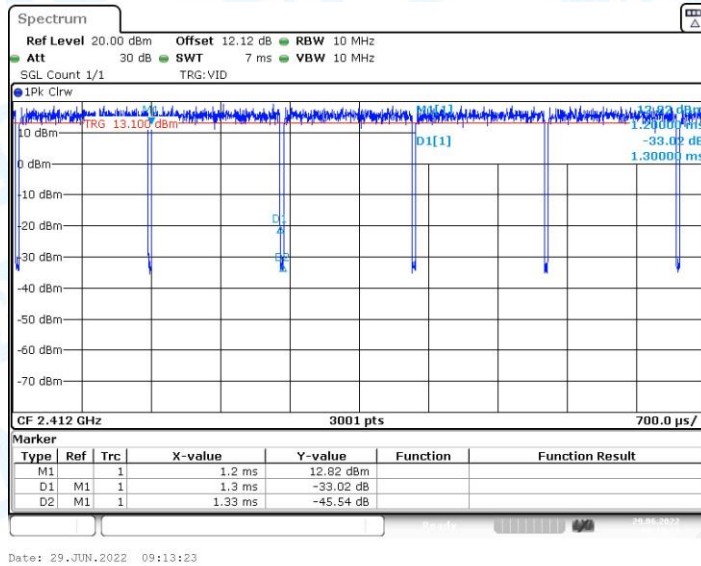
11G-CDD_Ant2_2437



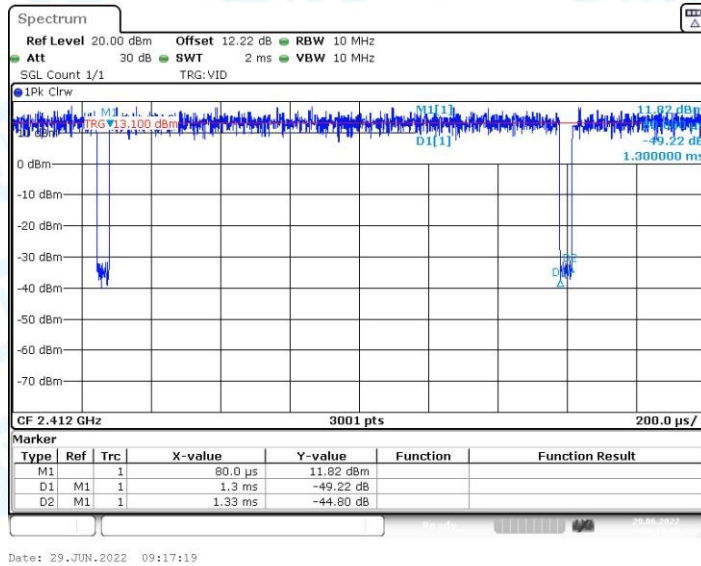
11G-CDD_Ant1_2462



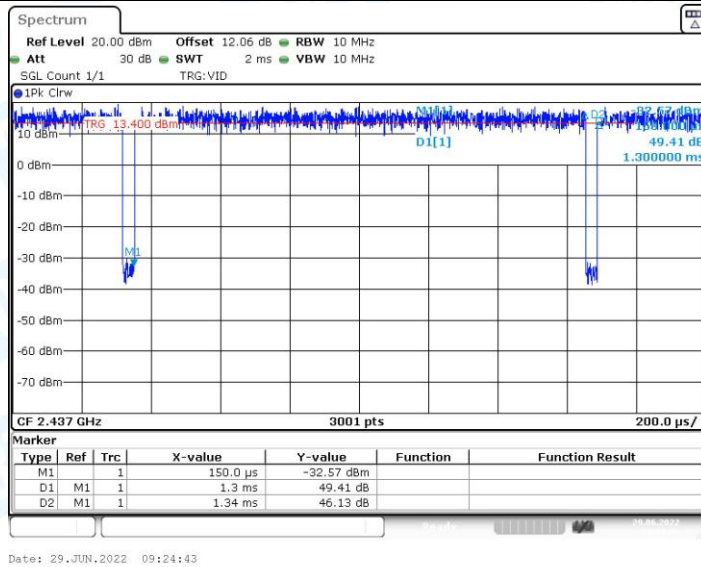
11G-CDD_Ant2_2462



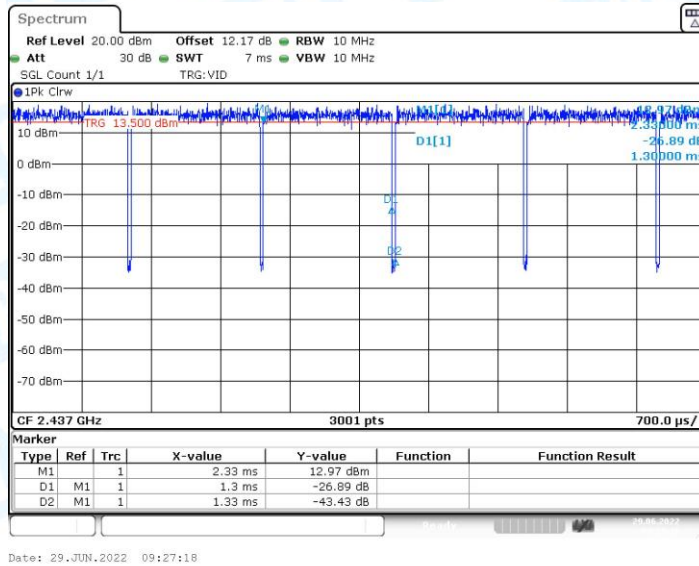
11N20MIMO_Ant1_2412



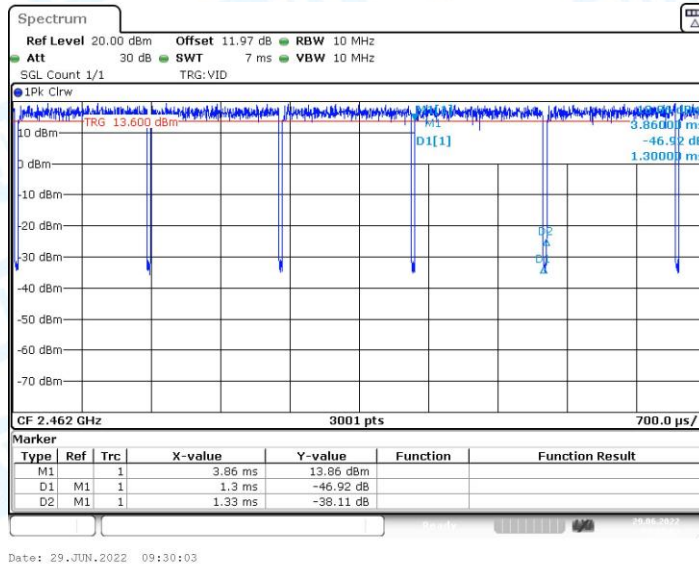
11N20MIMO_Ant2_2412



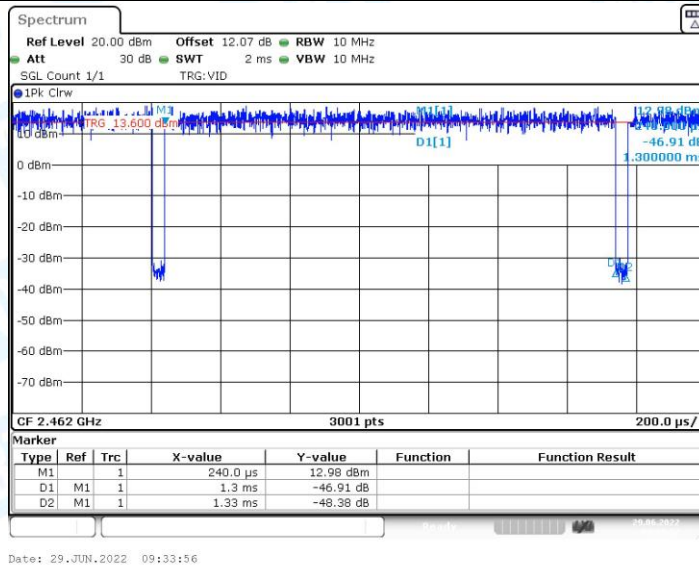
11N20MIMO_Ant1_2437



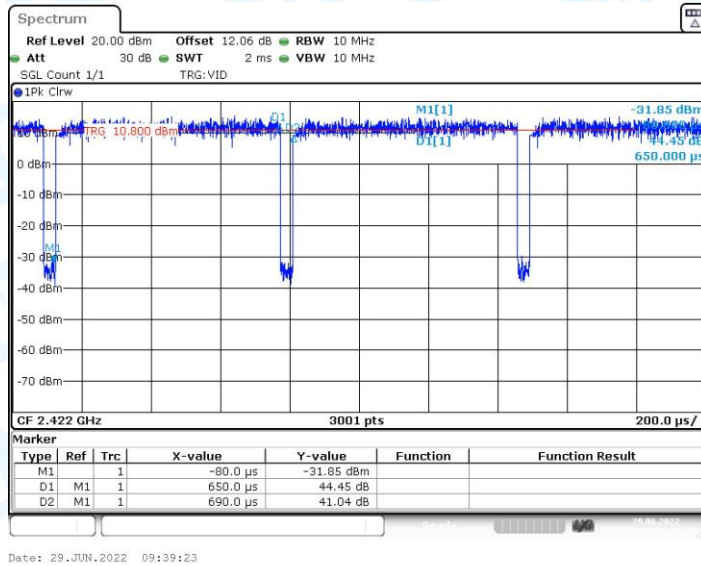
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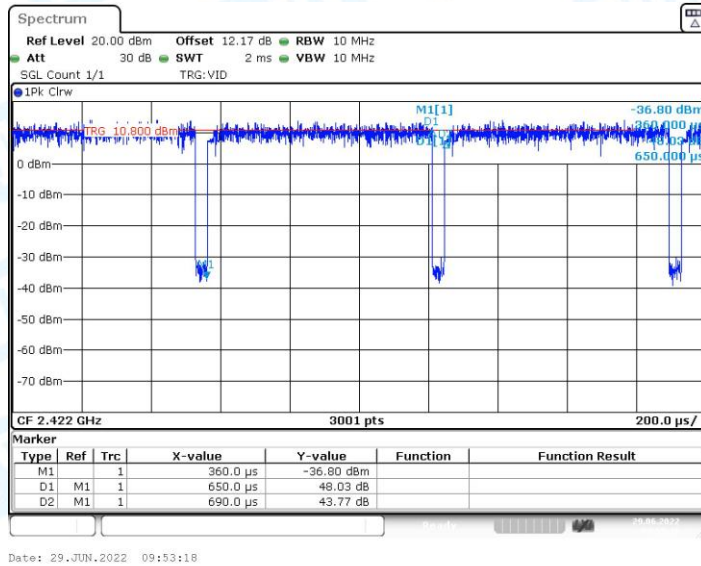
11N20MIMO_Ant1_2462



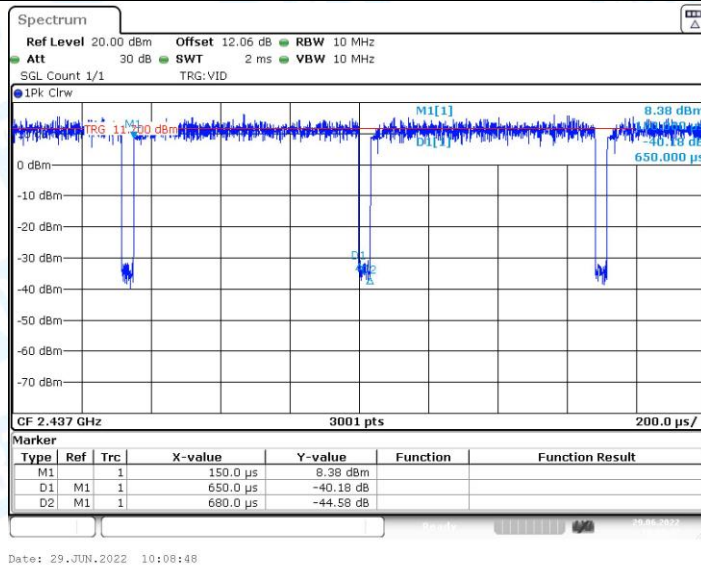
11N20MIMO_Ant2_2462



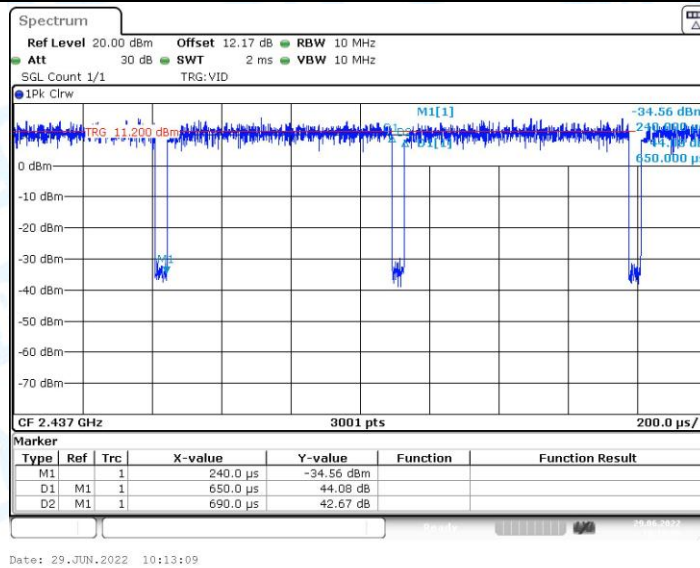
11N40MIMO_Ant1_2422



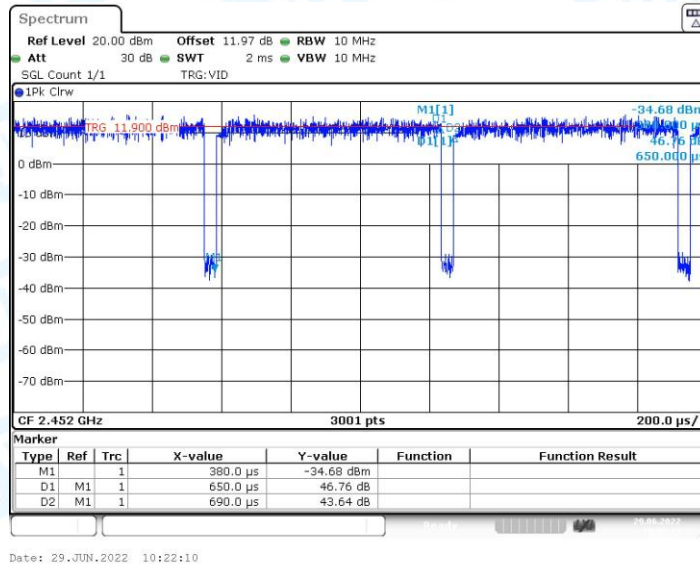
11N40MIMO_Ant2_2422



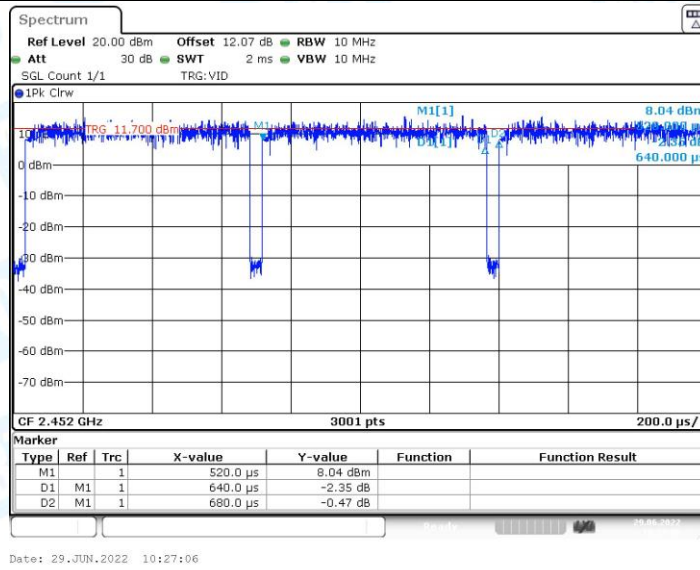
11N40MIMO_Ant1_2437



11N40MIMO_Ant2_2437



11N40MIMO_Ant1_2452



11N40MIMO_Ant2_2452

8. Emissions in Restricted Bands

8.1. Test Result

TestMode	Antenna	ChName	Channel	Detector	Freq [MHz]	Result [dBm]	Limit [dBm]	Verdict
11B-CDD	Ant1	Low	2412	AV	2310.000	-50.06	≤-41.20	PASS
				AV	2340.319	-47.71	≤-41.20	PASS
				AV	2390.000	-49.85	≤-41.20	PASS
				Peak	2310.000	-38.56	≤-21.20	PASS
				Peak	2342.580	-35.39	≤-21.20	PASS
				Peak	2390.000	-38.35	≤-21.20	PASS
	Ant2	Low	2412	AV	2310.000	-49.92	≤-41.20	PASS
				AV	2340.130	-47.7	≤-41.20	PASS
				AV	2390.000	-49.62	≤-41.20	PASS
				Peak	2310.000	-38.95	≤-21.20	PASS
				Peak	2345.594	-35.88	≤-21.20	PASS
				Peak	2390.000	-37.32	≤-21.20	PASS
	total	Low	2412	AV	2310.000	-46.98	≤-41.20	PASS
				AV	2340.130	-44.69	≤-41.20	PASS
				AV	2390.000	-46.72	≤-41.20	PASS
				Peak	2310.000	-35.74	≤-21.20	PASS
				Peak	2345.594	-32.62	≤-21.20	PASS
				Peak	2390.000	-34.79	≤-21.20	PASS
	Ant1	High	2462	AV	2483.500	-48.9	≤-41.20	PASS
				AV	2495.638	-48.77	≤-41.20	PASS
				AV	2500.000	-49.27	≤-41.20	PASS
				Peak	2483.500	-36.63	≤-21.20	PASS
				Peak	2496.754	-36.49	≤-21.20	PASS
				Peak	2500.000	-38.15	≤-21.20	PASS
Ant2		High	2462	AV	2483.500	-48.54	≤-41.20	PASS
				AV	2483.681	-48.54	≤-41.20	PASS
				AV	2500.000	-49.09	≤-41.20	PASS
				Peak	2483.500	-37.8	≤-21.20	PASS
				Peak	2498.986	-36.51	≤-21.20	PASS
				Peak	2500.000	-37.74	≤-21.20	PASS
total	High	2462	AV	2483.500	-45.71	≤-41.20	PASS	
			AV	2483.681	-45.64	≤-41.20	PASS	
			AV	2500.000	-46.17	≤-41.20	PASS	
			Peak	2483.500	-34.17	≤-21.20	PASS	
			Peak	2498.986	-33.49	≤-21.20	PASS	
			Peak	2500.000	-34.93	≤-21.20	PASS	
11G-CDD	Ant1	Low	2412	AV	2310.000	-49.51	≤-41.20	PASS
				AV	2340.696	-47.3	≤-41.20	PASS
				AV	2390.000	-48.55	≤-41.20	PASS
				Peak	2310.000	-39.06	≤-21.20	PASS
				Peak	2361.986	-36.54	≤-21.20	PASS

	Ant2	Low	2412	Peak	2390.000	-37.66	≤-21.20	PASS
				AV	2310.000	-49.31	≤-41.20	PASS
				AV	2339.565	-46.99	≤-41.20	PASS
				AV	2390.000	-49.14	≤-41.20	PASS
				Peak	2310.000	-37.94	≤-21.20	PASS
				Peak	2343.522	-35.48	≤-21.20	PASS
				Peak	2390.000	-37.1	≤-21.20	PASS
	total	Low	2412	AV	2310.000	-46.40	≤-41.20	PASS
				AV	2339.565	-44.13	≤-41.20	PASS
				AV	2390.000	-45.82	≤-41.20	PASS
				Peak	2310.000	-35.45	≤-21.20	PASS
				Peak	2343.522	-32.97	≤-21.20	PASS
				Peak	2390.000	-34.36	≤-21.20	PASS
	Ant1	High	2462	AV	2483.500	-44.3	≤-41.20	PASS
				AV	2483.522	-44.3	≤-41.20	PASS
				AV	2500.000	-48.21	≤-41.20	PASS
				Peak	2483.500	-29.79	≤-21.20	PASS
				Peak	2483.522	-29.79	≤-21.20	PASS
				Peak	2500.000	-37.7	≤-21.20	PASS
	Ant2	High	2462	AV	2483.500	-46.1	≤-41.20	PASS
				AV	2483.522	-46.1	≤-41.20	PASS
				AV	2500.000	-48.17	≤-41.20	PASS
				Peak	2483.500	-31.54	≤-21.20	PASS
				Peak	2484.319	-30.44	≤-21.20	PASS
Peak				2500.000	-37.88	≤-21.20	PASS	
total	High	2462	AV	2483.500	-42.10	≤-41.20	PASS	
			AV	2483.522	-42.10	≤-41.20	PASS	
			AV	2500.000	-45.18	≤-41.20	PASS	
			Peak	2483.500	-27.57	≤-21.20	PASS	
			Peak	2484.319	-27.09	≤-21.20	PASS	
			Peak	2500.000	-34.78	≤-21.20	PASS	
11N20MIM O	Ant1	Low	2412	AV	2310.000	-49.35	≤-41.20	PASS
				AV	2389.870	-46.07	≤-41.20	PASS
				AV	2390.000	-46.06	≤-41.20	PASS
				Peak	2310.000	-36.81	≤-21.20	PASS
				Peak	2389.870	-32.91	≤-21.20	PASS
				Peak	2390.000	-31.64	≤-21.20	PASS
	Ant2	Low	2412	AV	2310.000	-48.9	≤-41.20	PASS
				AV	2340.507	-46.6	≤-41.20	PASS
				AV	2390.000	-47.87	≤-41.20	PASS
				Peak	2310.000	-38.99	≤-21.20	PASS
				Peak	2386.855	-35.71	≤-21.20	PASS
				Peak	2390.000	-37.07	≤-21.20	PASS
	total	Low	2412	AV	2310.000	-46.11	≤-41.20	PASS
				AV	2340.507	-43.32	≤-41.20	PASS
				AV	2390.000	-43.86	≤-41.20	PASS

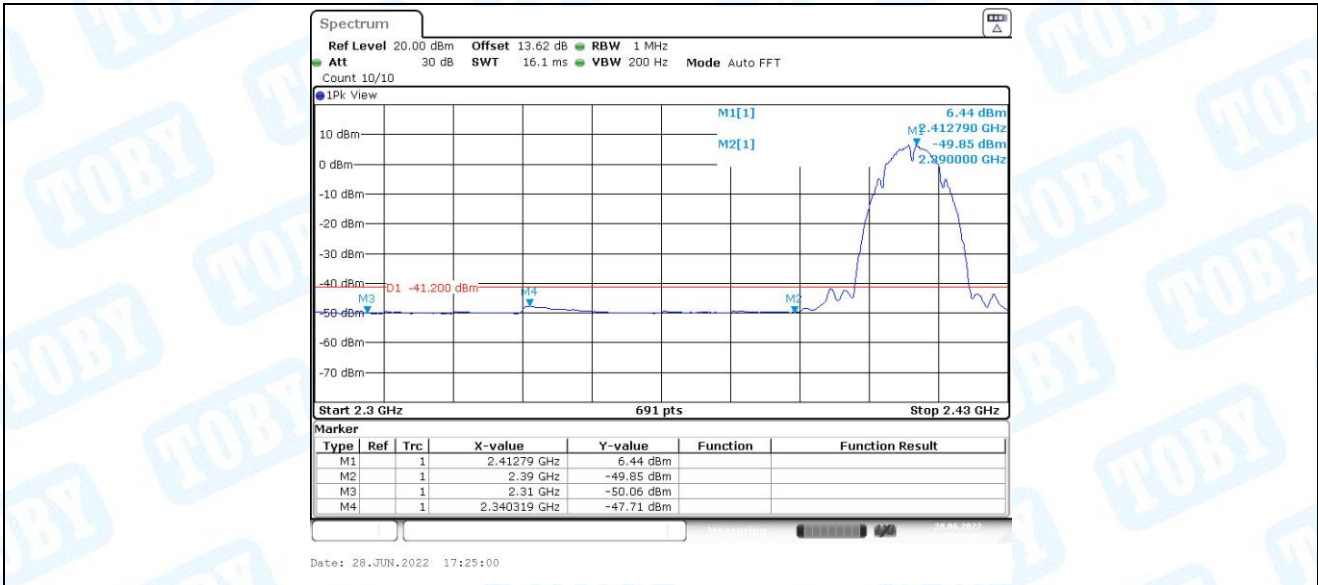
	Ant1	High	2462	Peak	2310.000	-34.75	≤-21.20	PASS
				Peak	2386.855	-31.08	≤-21.20	PASS
				Peak	2390.000	-30.55	≤-21.20	PASS
				AV	2483.500	-44.3	≤-41.20	PASS
				AV	2483.522	-44.3	≤-41.20	PASS
				AV	2500.000	-48.25	≤-41.20	PASS
				Peak	2483.500	-28.83	≤-21.20	PASS
				Peak	2484.638	-27.1	≤-21.20	PASS
				Peak	2500.000	-38.72	≤-21.20	PASS
	Ant2	High	2462	AV	2483.500	-46.15	≤-41.20	PASS
				AV	2483.522	-46.15	≤-41.20	PASS
				AV	2500.000	-48.24	≤-41.20	PASS
				Peak	2483.500	-31.13	≤-21.20	PASS
				Peak	2485.913	-30.8	≤-21.20	PASS
				Peak	2500.000	-37.64	≤-21.20	PASS
	total	High	2462	AV	2483.500	-42.12	≤-41.20	PASS
				AV	2483.522	-42.12	≤-41.20	PASS
				AV	2500.000	-45.23	≤-41.20	PASS
Peak				2483.500	-26.82	≤-21.20	PASS	
Peak				2485.913	-25.56	≤-21.20	PASS	
Peak				2500.000	-35.14	≤-21.20	PASS	
11N40MIM O	Ant1	Low	2422	AV	2310.000	-48.89	≤-41.20	PASS
				AV	2389.870	-44.24	≤-41.20	PASS
				AV	2390.000	-44.41	≤-41.20	PASS
				Peak	2310.000	-39.23	≤-21.20	PASS
				Peak	2389.870	-24.36	≤-21.20	PASS
				Peak	2390.000	-24.38	≤-21.20	PASS
	Ant2	Low	2422	AV	2310.000	-48.97	≤-41.20	PASS
				AV	2339.942	-46.45	≤-41.20	PASS
				AV	2390.000	-47.74	≤-41.20	PASS
				Peak	2310.000	-39.21	≤-21.20	PASS
				Peak	2343.145	-35.29	≤-21.20	PASS
				Peak	2390.000	-37.95	≤-21.20	PASS
	total	Low	2422	AV	2310.000	-45.92	≤-41.20	PASS
				AV	2339.942	-42.20	≤-41.20	PASS
				AV	2390.000	-42.75	≤-41.20	PASS
				Peak	2310.000	-36.21	≤-21.20	PASS
				Peak	2343.145	-24.02	≤-21.20	PASS
				Peak	2390.000	-24.19	≤-21.20	PASS
Ant1	High	2452	AV	2483.500	-46.43	≤-41.20	PASS	
			AV	2483.522	-46.43	≤-41.20	PASS	
			AV	2500.000	-47.96	≤-41.20	PASS	
			Peak	2483.500	-27.27	≤-21.20	PASS	
			Peak	2483.522	-27.27	≤-21.20	PASS	
			Peak	2500.000	-38.2	≤-21.20	PASS	
Ant2	High	2452	AV	2483.500	-47.35	≤-41.20	PASS	

			AV	2495.478	-47.27	≤-41.20	PASS	
			AV	2500.000	-47.91	≤-41.20	PASS	
			Peak	2483.500	-36.31	≤-21.20	PASS	
			Peak	2488.464	-34.73	≤-21.20	PASS	
			Peak	2500.000	-38.13	≤-21.20	PASS	
	total	High	2452	AV	2483.500	-43.86	≤-41.20	PASS
AV				2495.478	-43.82	≤-41.20	PASS	
AV				2500.000	-44.92	≤-41.20	PASS	
Peak				2483.500	-26.76	≤-21.20	PASS	
Peak				2488.464	-26.55	≤-21.20	PASS	
Peak				2500.000	-35.15	≤-21.20	PASS	

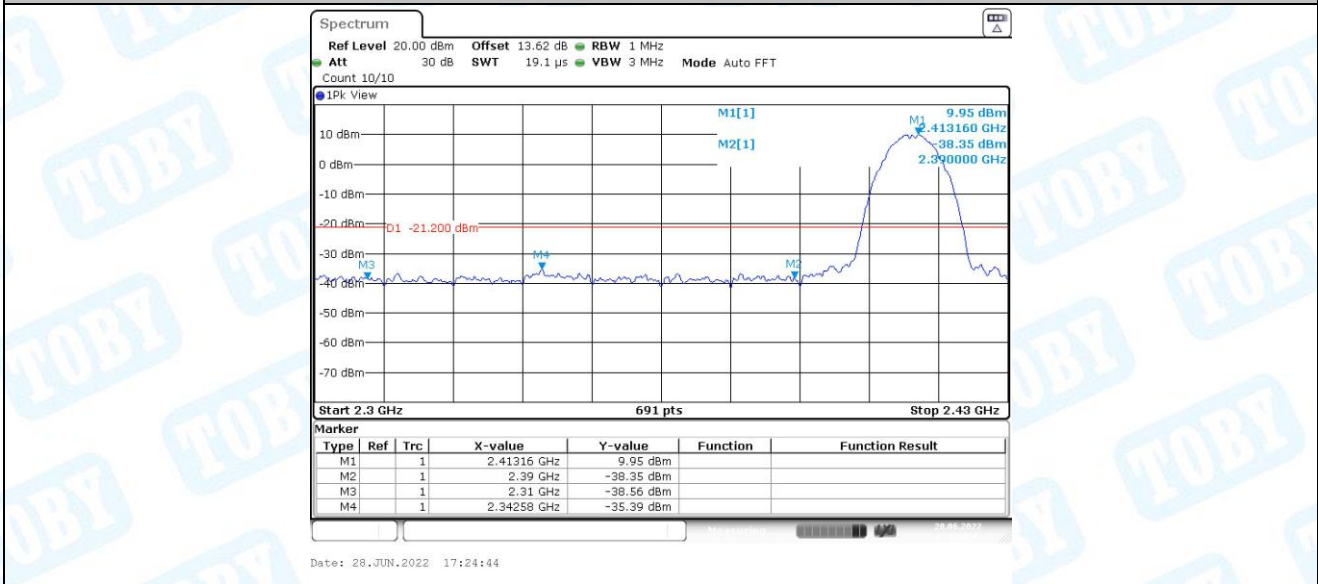
Note:

1. The Antenna Gain is compensated in the graph.
2. The limit in dBm for average detector is conversion from 54dBuV/m, according to 15.209(a). The limit in dBm for peak detector is 20dB above the limit of average detector in dBm.

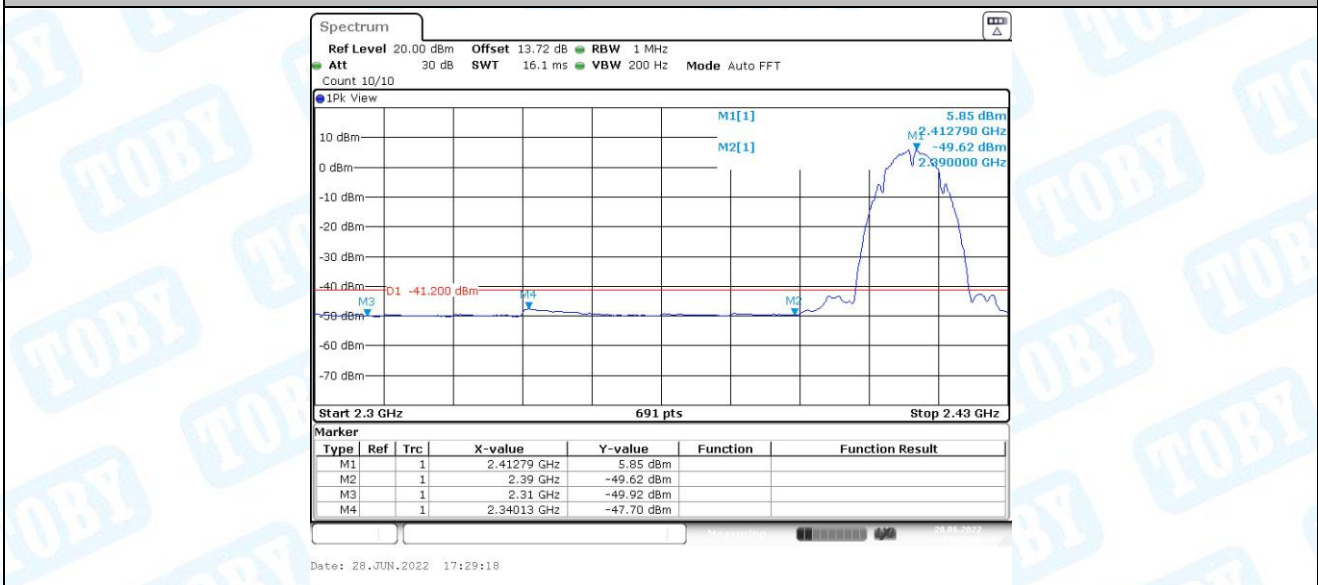
8.2. Test Graphs



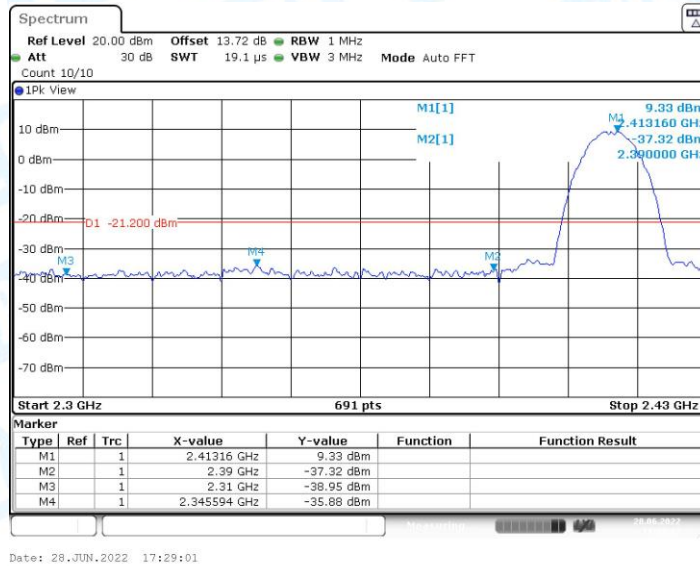
11B-CDD_Ant1_Low_2412_AV



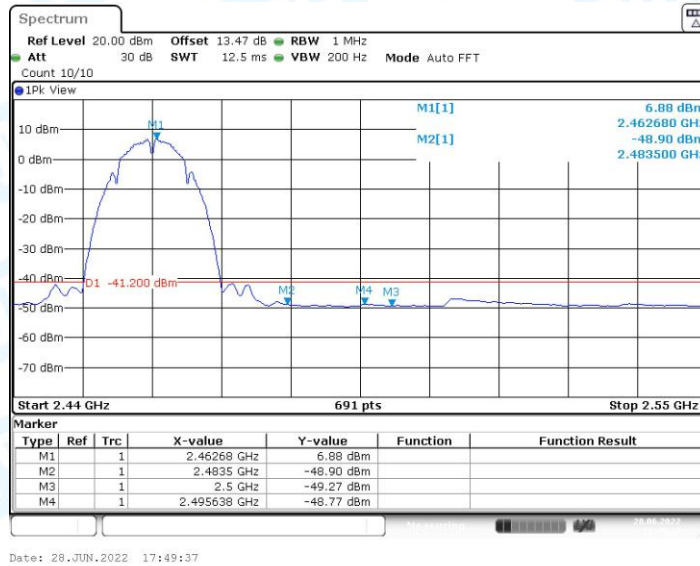
11B-CDD_Ant1_Low_2412_Peak



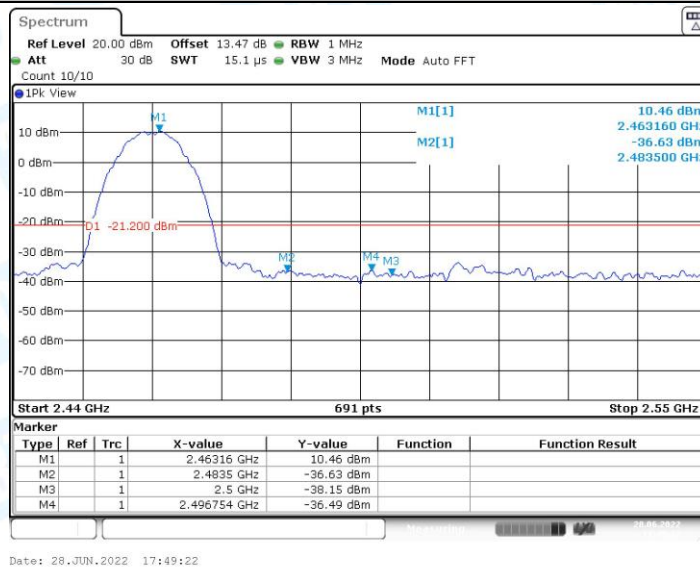
11B-CDD_Ant2_Low_2412_AV



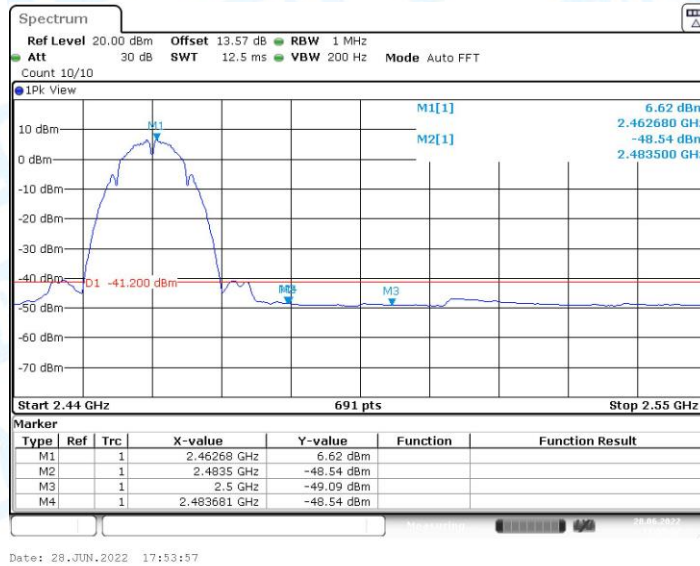
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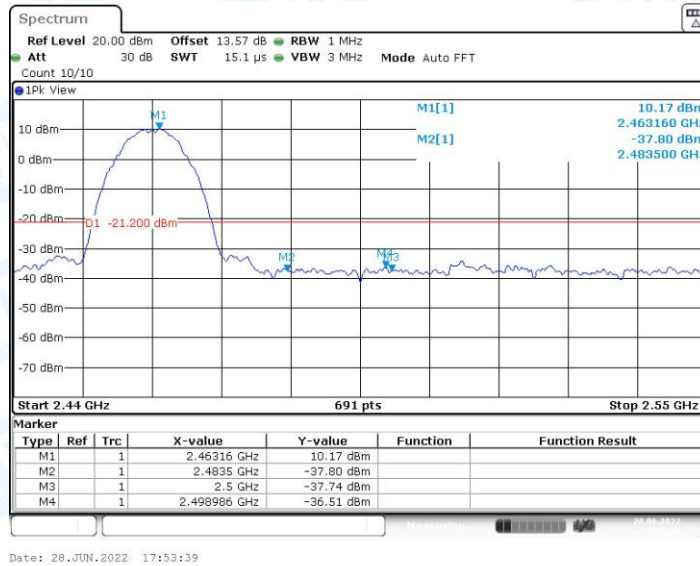
11B-CDD_Ant1_High_2462_AV



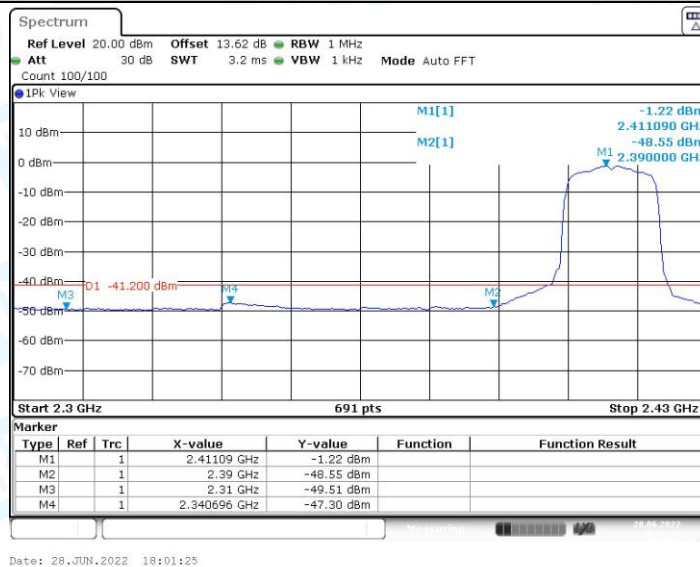
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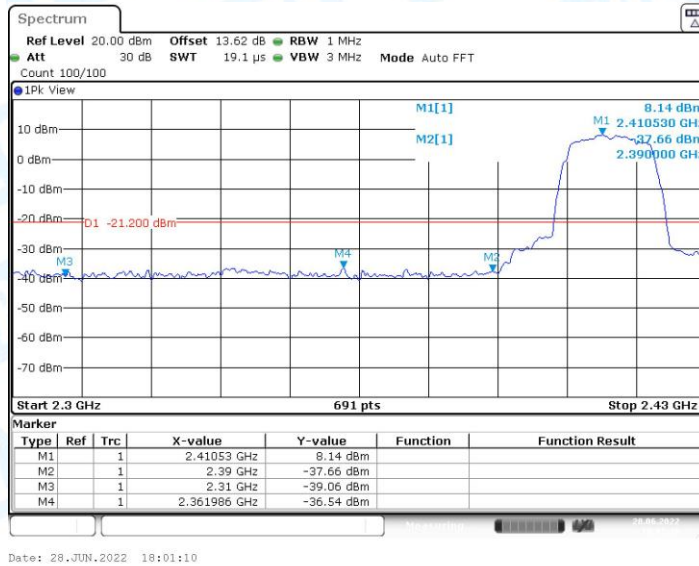
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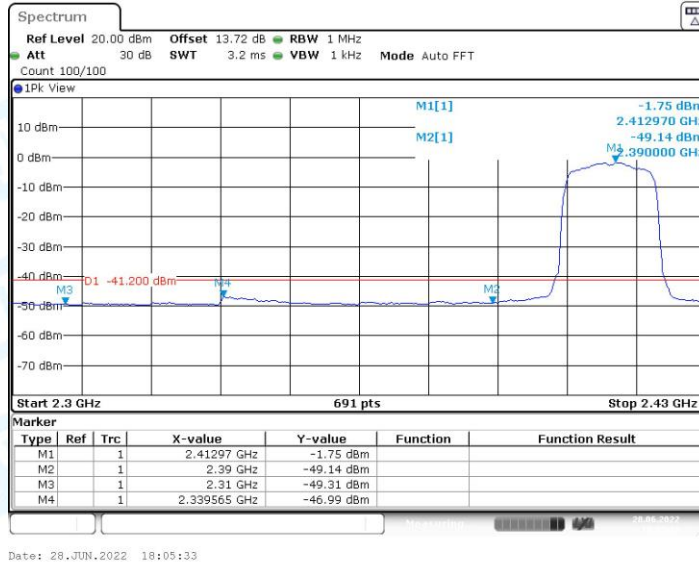
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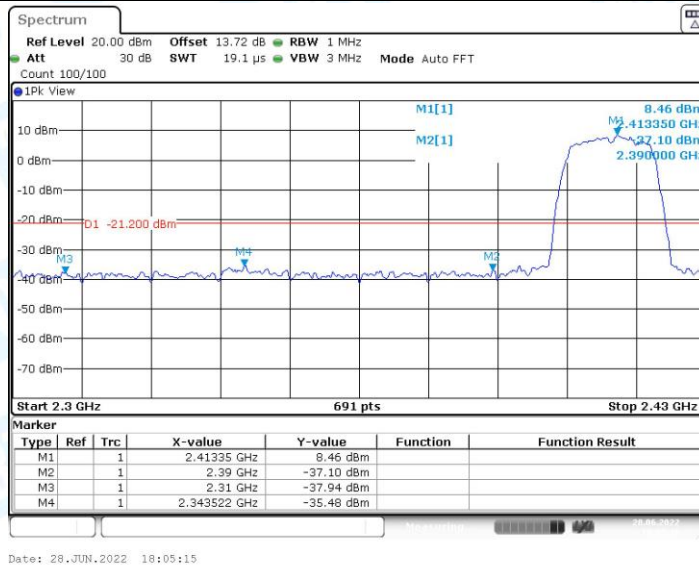
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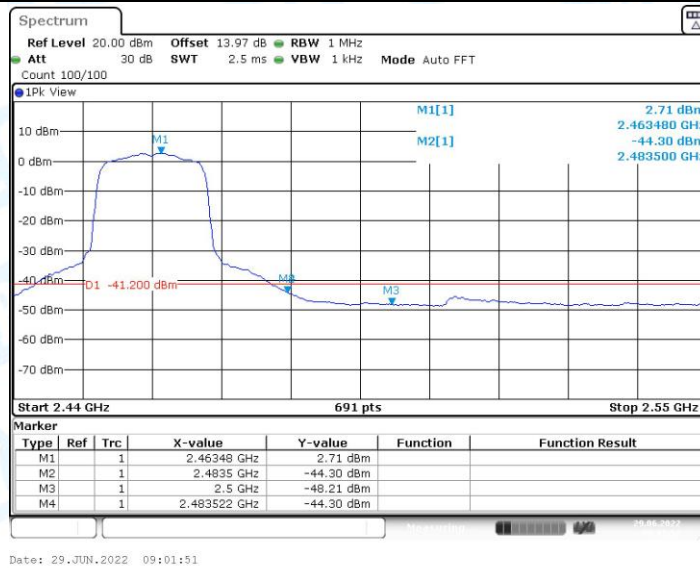
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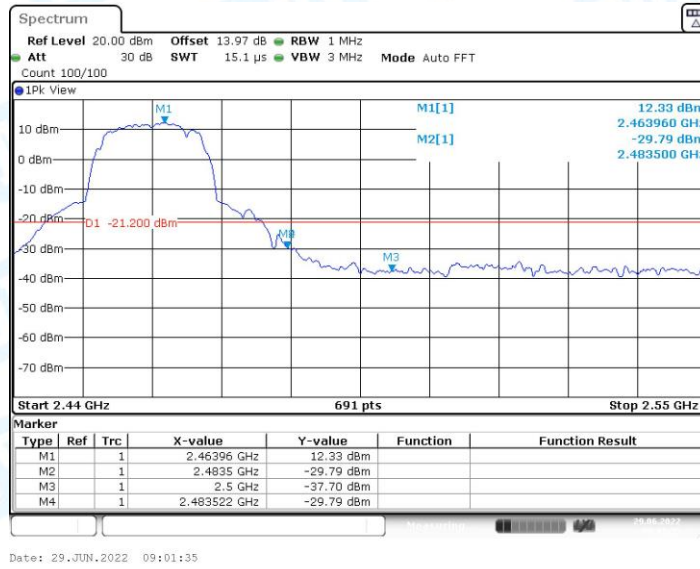
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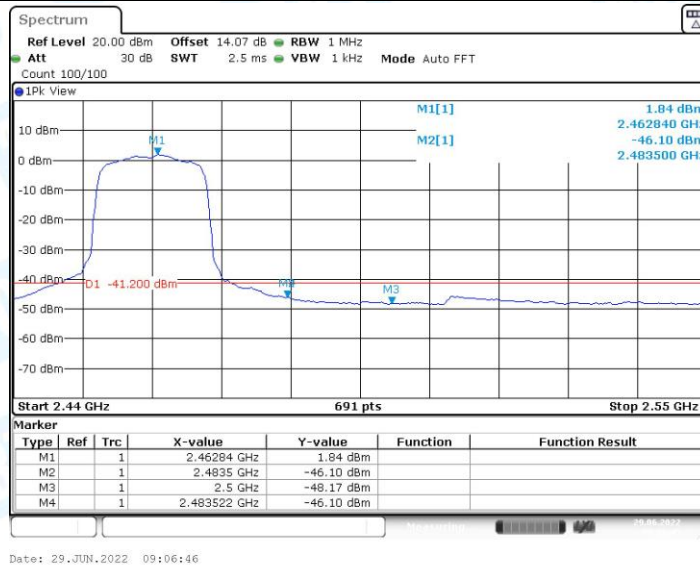
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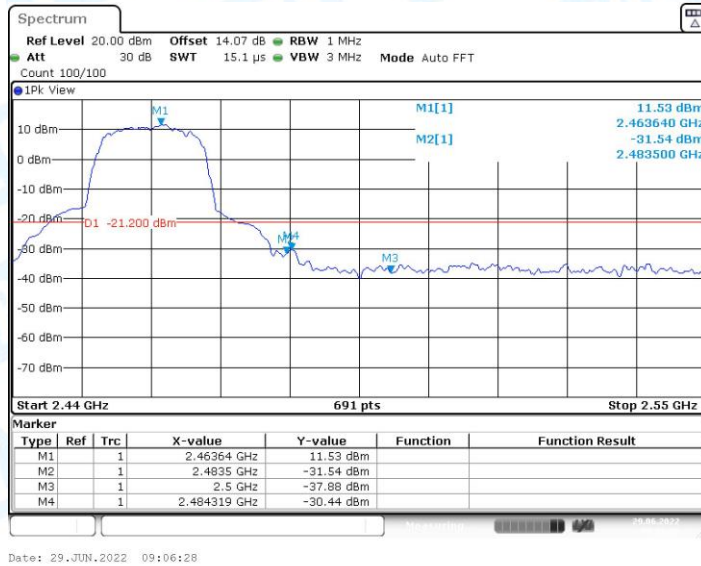
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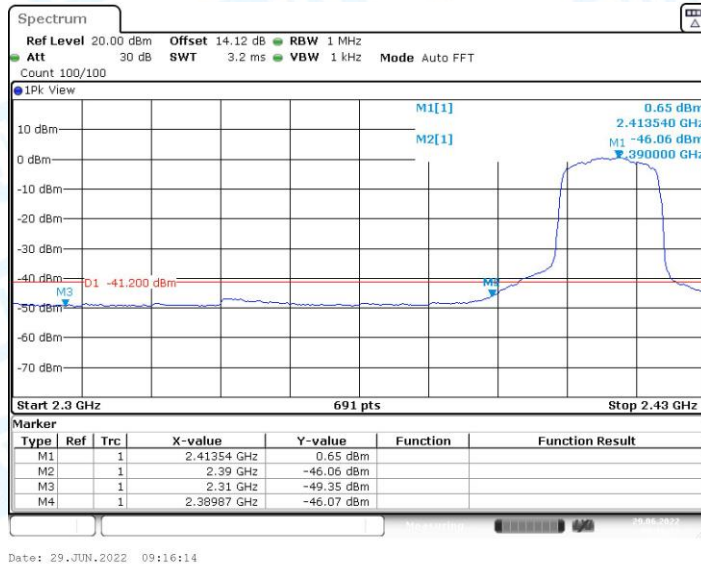
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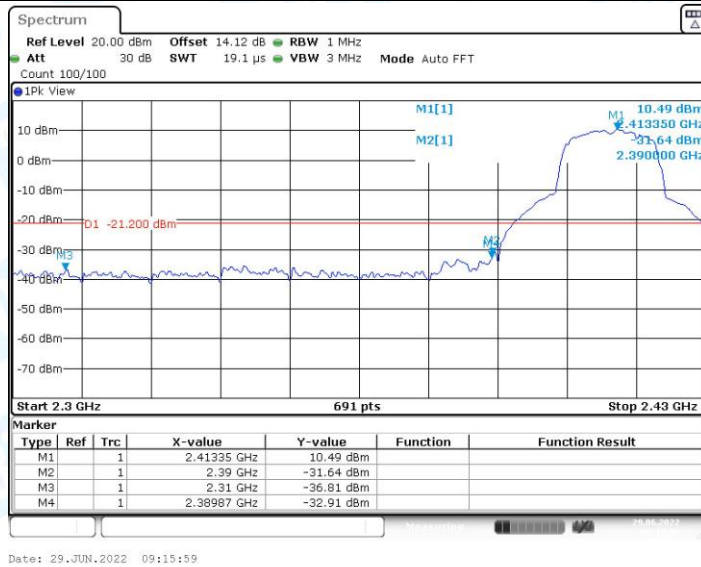
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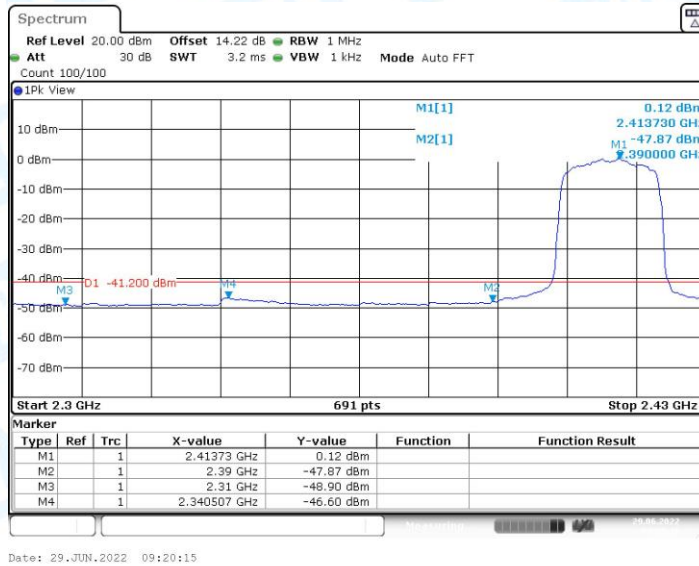
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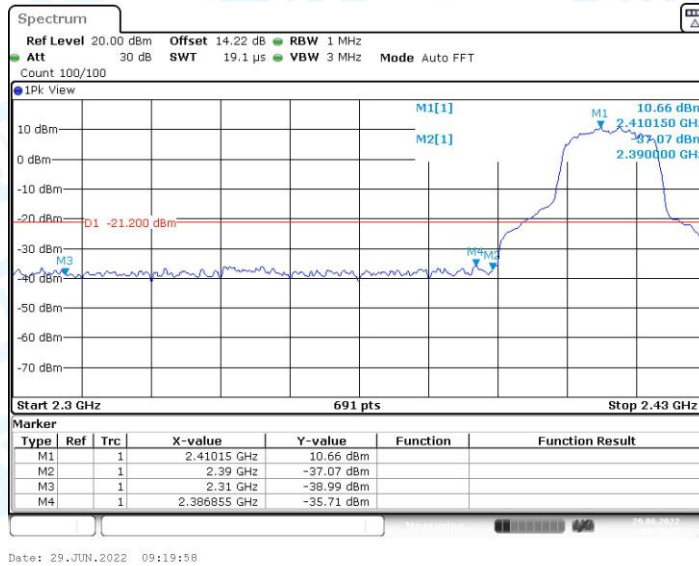
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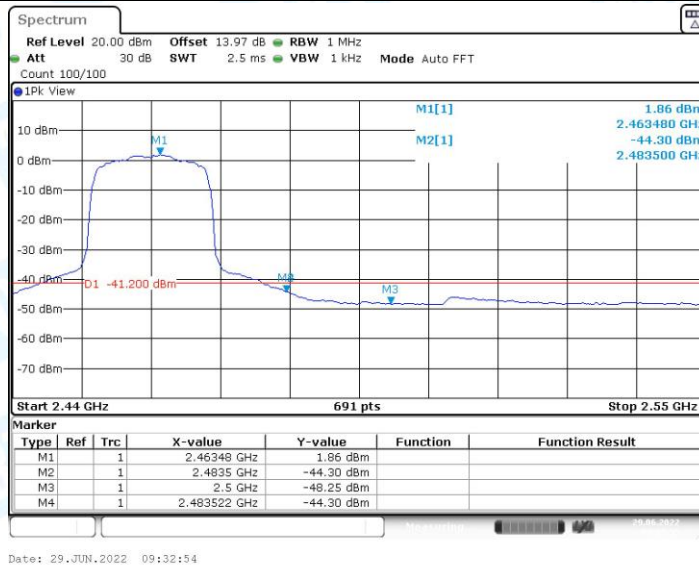
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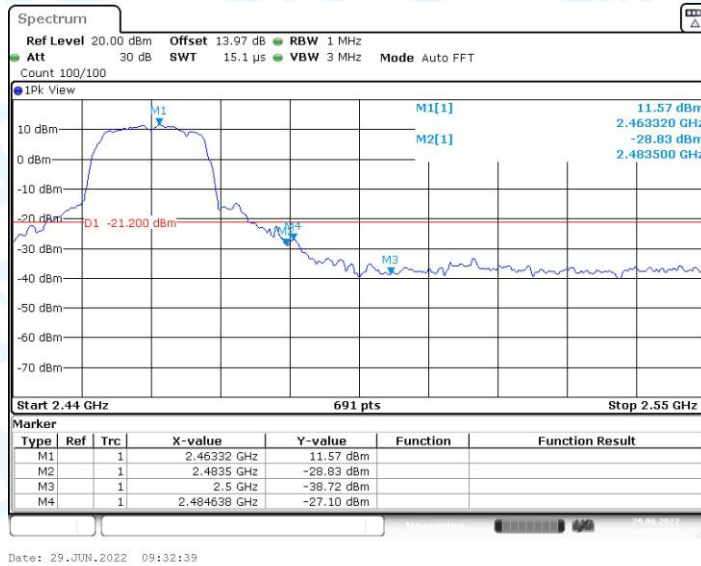
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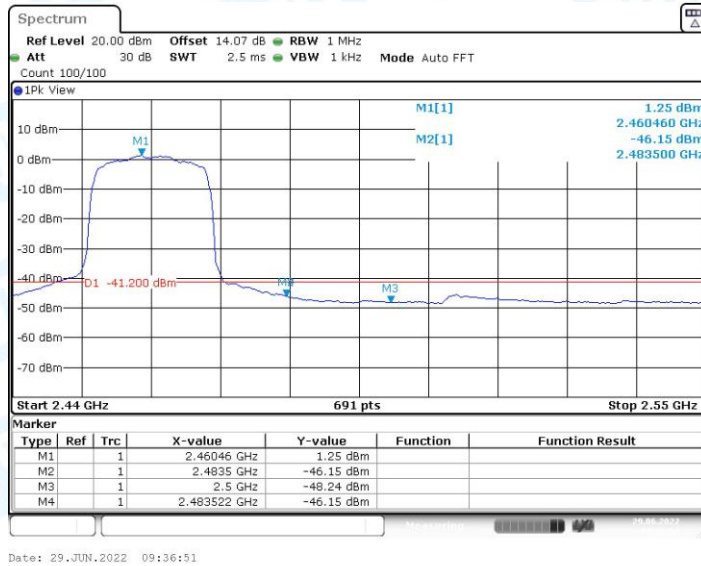
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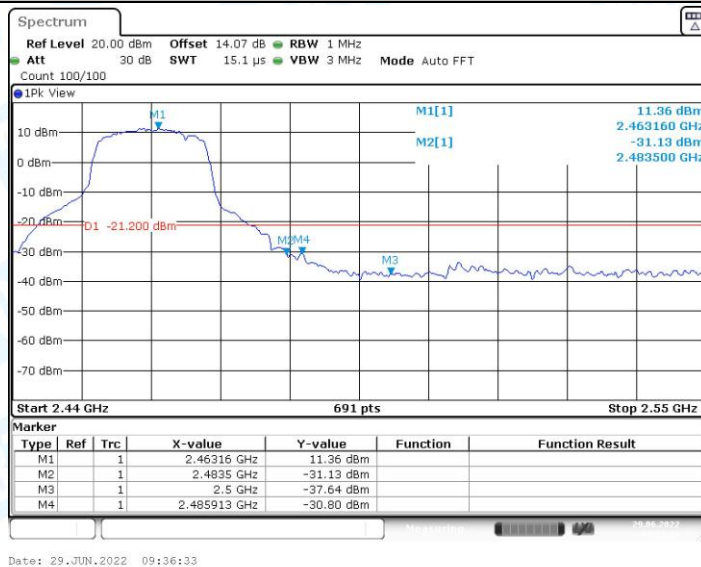
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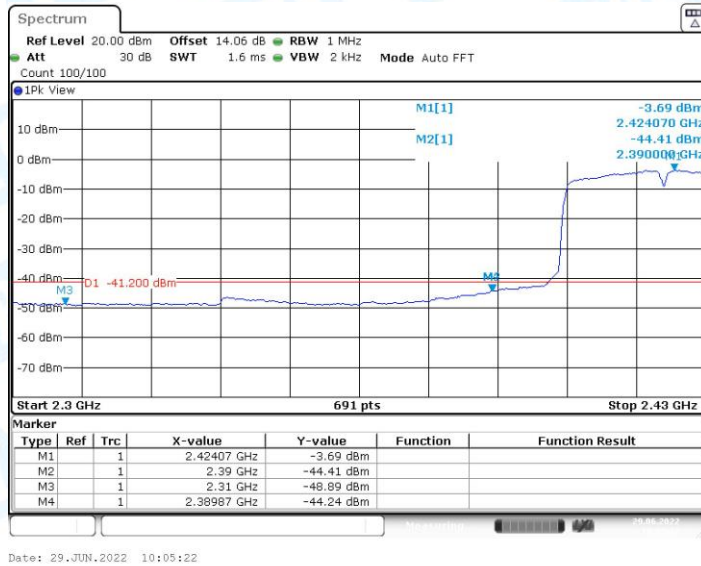
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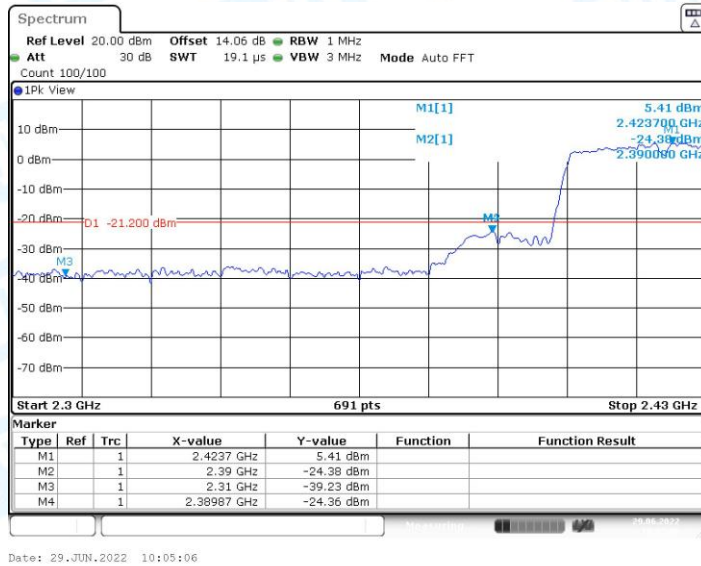
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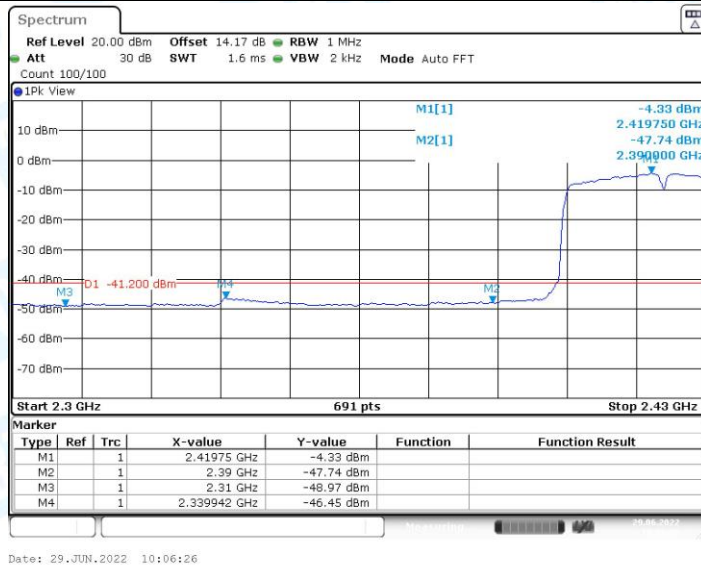
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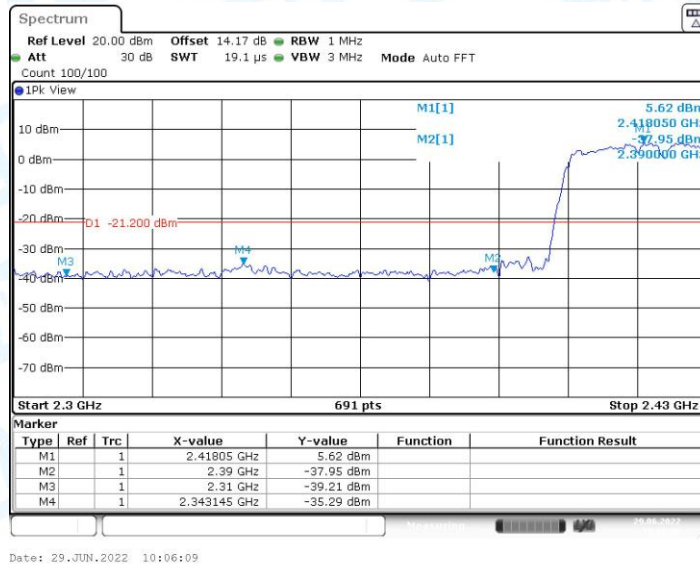
11N40MIMO_Ant1_Low_2422_AV



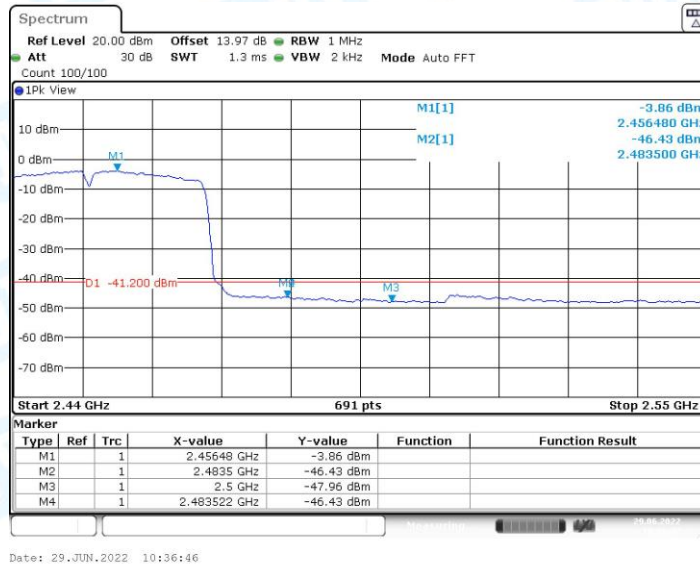
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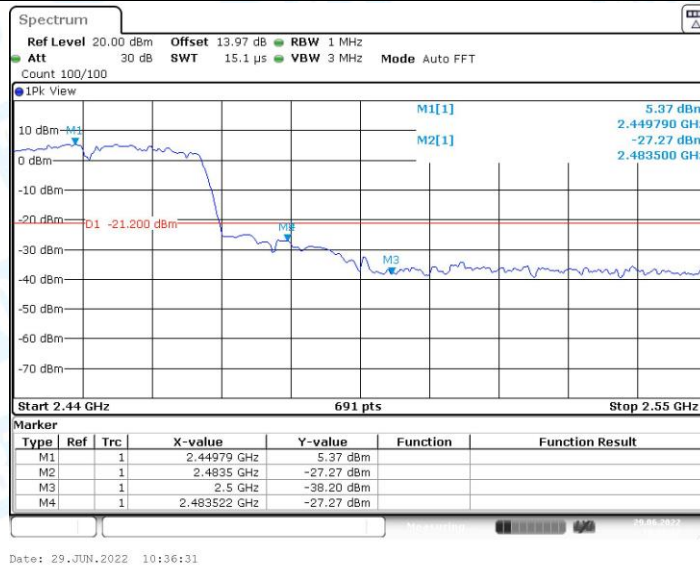
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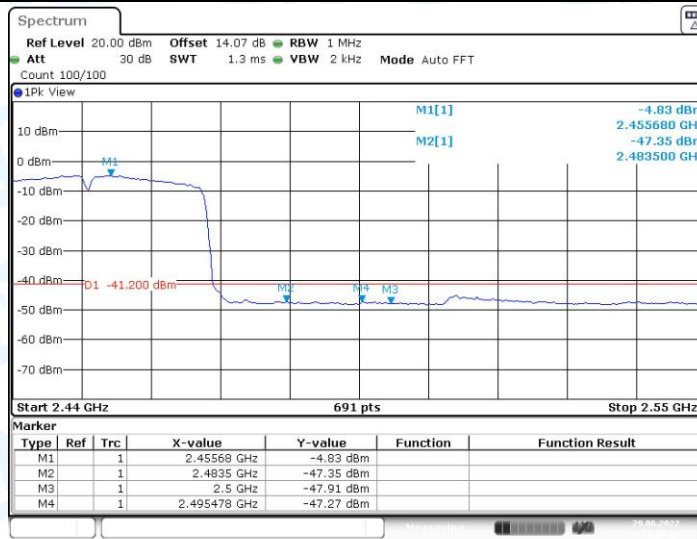
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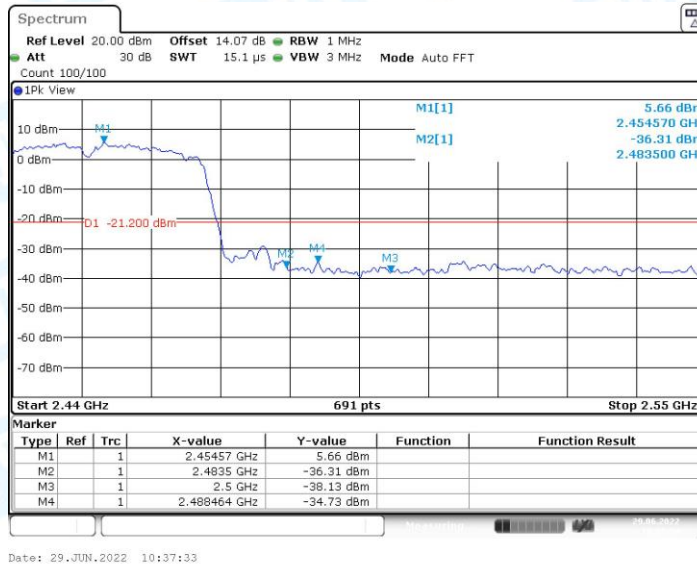
11N40MIMO_Ant1_High_2452_AV



11N40MIMO_Ant1_High_2452_Peak



11N40MIMO_Ant2_High_2452_AV



11N40MIMO_Ant2_High_2452_Peak

-----End of the report-----