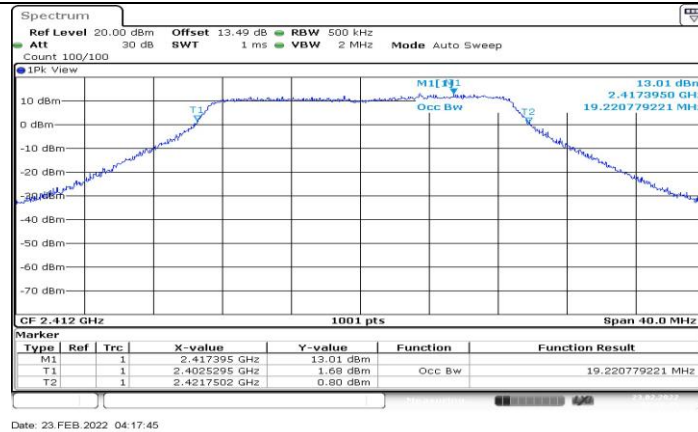




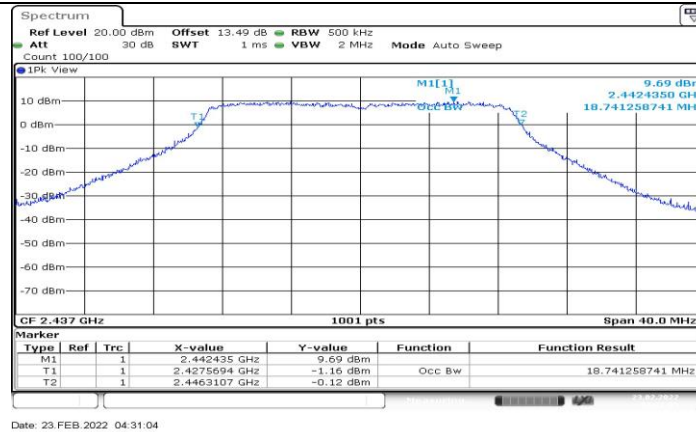
11N20MIMO Ant1 2412



11N20MIMO Ant2 2412



11N20MIMO Ant1 2437



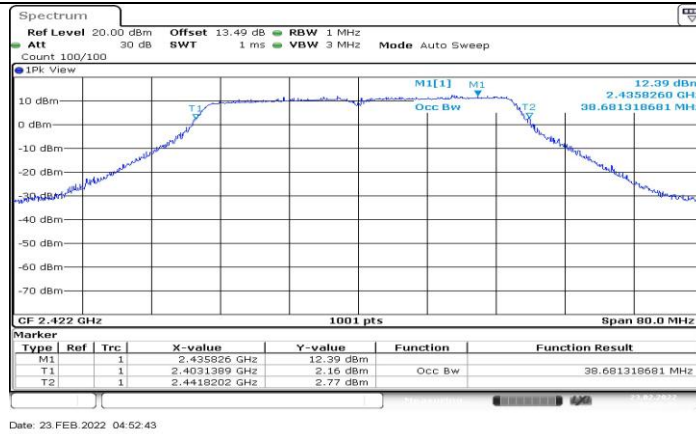
11N20MIMO Ant2 2437



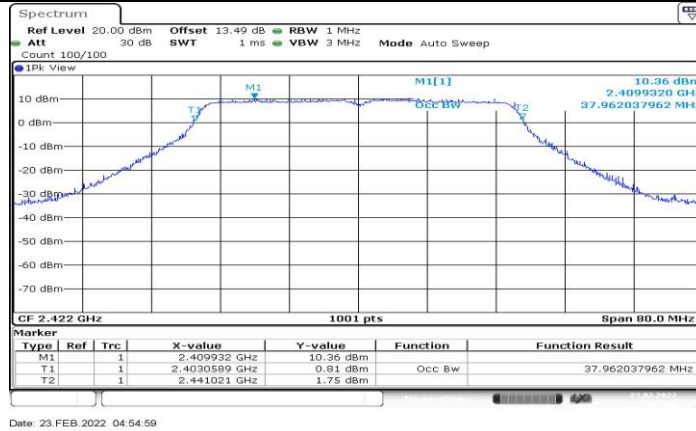
11N20MIMO Ant1 2462



11N20MIMO Ant2 2462



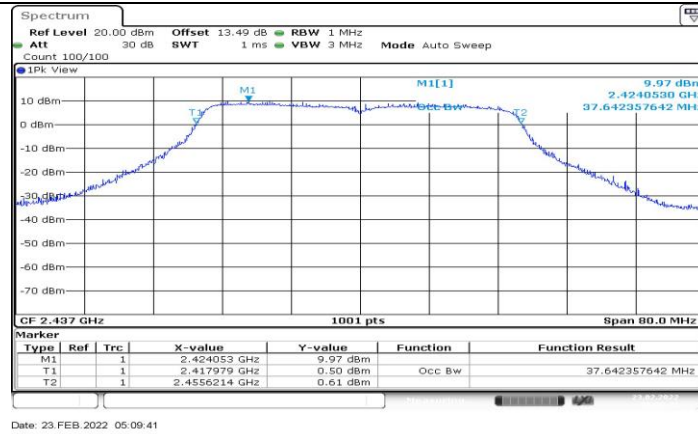
11N40MIMO Ant1 2422



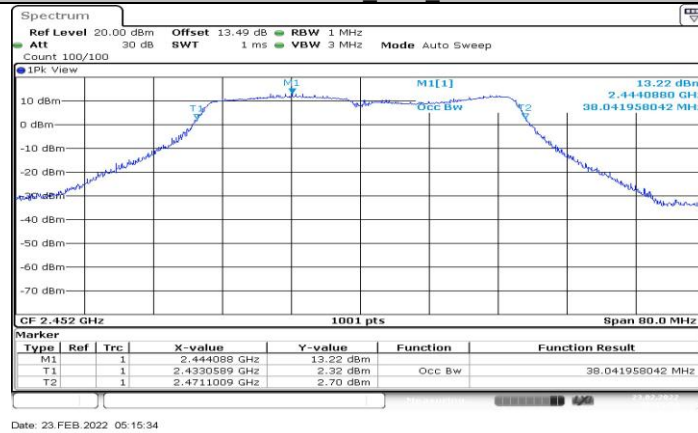
11N40MIMO Ant2 2422



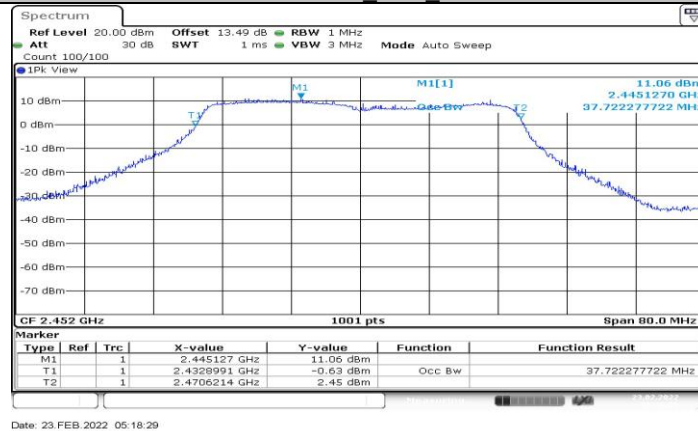
11N40MIMO Ant1 2437



11N40MIMO Ant2 2437



11N40MIMO Ant1 2452



11N40MIMO Ant2 2452

**11.3. Appendix C: Maximum conducted output power****11.3.1. Test Result**

Test Mode	Antenna	Channel	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	2412	17.39	≤30.00	PASS
	Ant2	2412	16.99	≤30.00	PASS
	Ant1	2437	17.17	≤30.00	PASS
	Ant2	2437	16.51	≤30.00	PASS
	Ant1	2462	17.04	≤30.00	PASS
	Ant2	2462	16.96	≤30.00	PASS
11G	Ant1	2412	17.07	≤30.00	PASS
	Ant2	2412	16.55	≤30.00	PASS
	Ant1	2437	16.39	≤30.00	PASS
	Ant2	2437	16.49	≤30.00	PASS
	Ant1	2462	16.98	≤30.00	PASS
	Ant2	2462	17.13	≤30.00	PASS
11N20MIMO	Ant1	2412	16.65	≤30.00	PASS
	Ant2	2412	16.34	≤30.00	PASS
	total	2412	19.51	≤30.00	PASS
	Ant1	2437	16.35	≤30.00	PASS
	Ant2	2437	15.28	≤30.00	PASS
	total	2437	18.86	≤30.00	PASS
	Ant1	2462	16.18	≤30.00	PASS
	Ant2	2462	15.20	≤30.00	PASS
11N40MIMO	total	2462	18.73	≤30.00	PASS
	Ant1	2422	15.72	≤30.00	PASS
	Ant2	2422	14.96	≤30.00	PASS
	total	2422	18.37	≤30.00	PASS
	Ant1	2437	16.34	≤30.00	PASS
	Ant2	2437	15.33	≤30.00	PASS
	total	2437	18.87	≤30.00	PASS
	Ant1	2452	16.31	≤30.00	PASS
	Ant2	2452	14.65	≤30.00	PASS
	total	2452	18.57	≤30.00	PASS

Note: 1. Conducted Power=Meas. Level+ Correction Factor

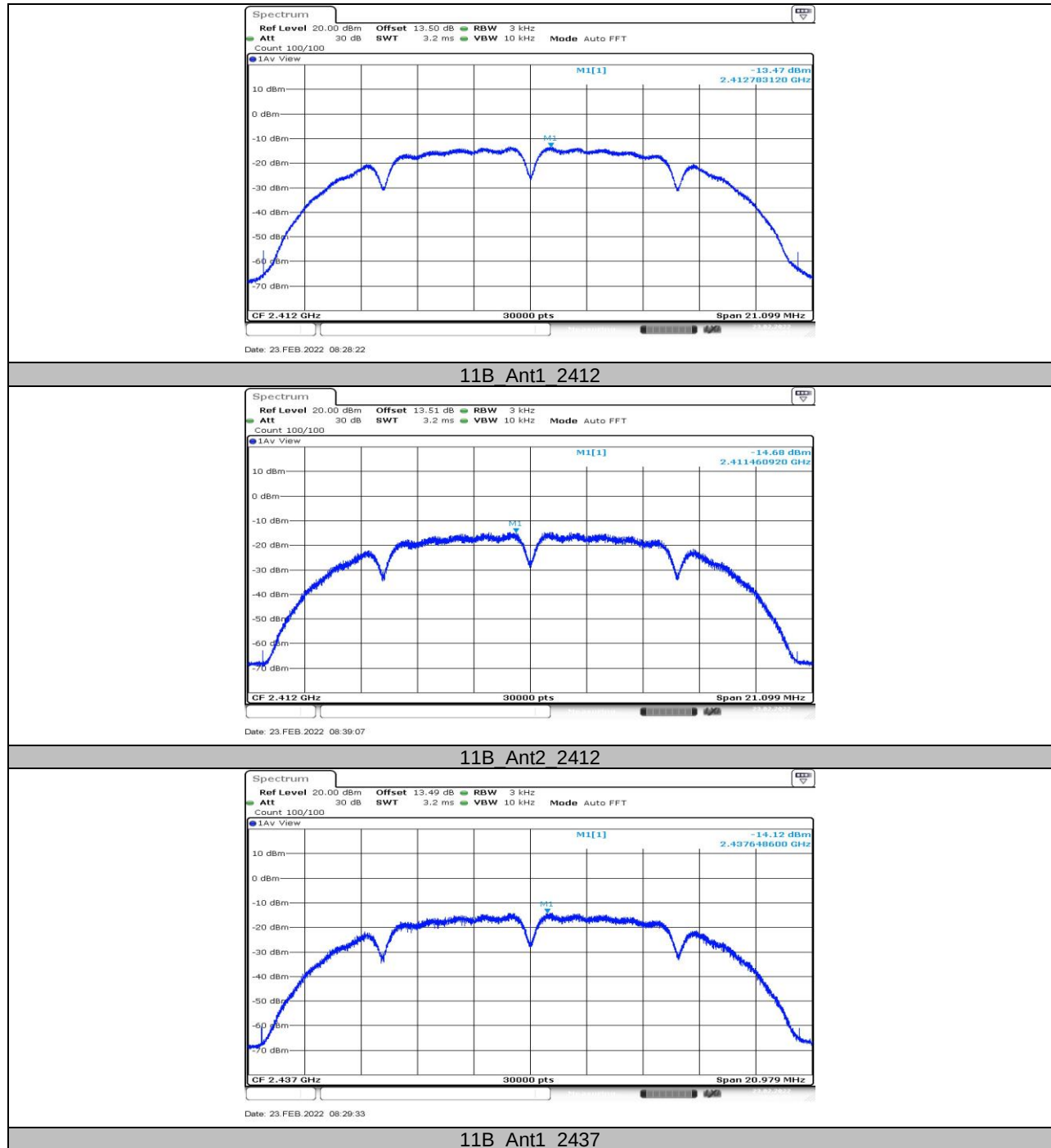
2. The Duty Cycle Factor (refer to section 7.1) had already compensated to the test data.

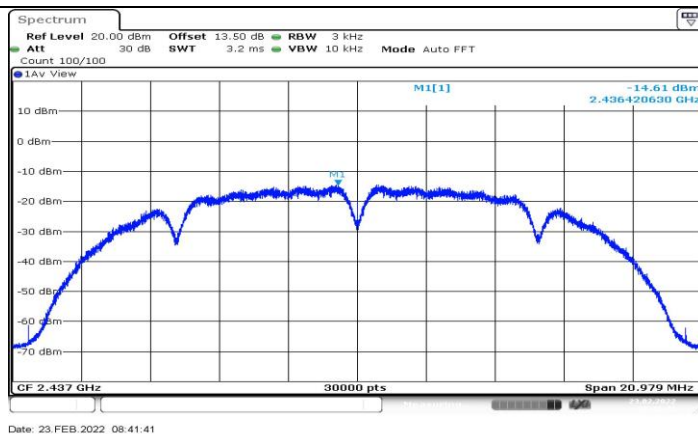
**11.4. Appendix D: Maximum power spectral density****11.4.1. Test Result**

Test Mode	Antenna	Channel	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant1	2412	-13.47	≤8.00	PASS
	Ant2	2412	-14.68	≤8.00	PASS
	Ant1	2437	-14.12	≤8.00	PASS
	Ant2	2437	-14.61	≤8.00	PASS
	Ant1	2462	-14.59	≤8.00	PASS
	Ant2	2462	-14.71	≤8.00	PASS
11G	Ant1	2412	-15.82	≤8.00	PASS
	Ant2	2412	-17.15	≤8.00	PASS
	Ant1	2437	-16.73	≤8.00	PASS
	Ant2	2437	-16.37	≤8.00	PASS
	Ant1	2462	-16.05	≤8.00	PASS
	Ant2	2462	-15.87	≤8.00	PASS
11N20MIMO	Ant1	2412	-15.72	≤8.00	PASS
	Ant2	2412	-11.66	≤8.00	PASS
	total	2412	-10.22	≤8.00	PASS
	Ant1	2437	-15.06	≤8.00	PASS
	Ant2	2437	-18.04	≤8.00	PASS
	total	2437	-13.29	≤8.00	PASS
	Ant1	2462	-15.67	≤8.00	PASS
	Ant2	2462	-17.45	≤8.00	PASS
11N40MIMO	total	2462	-13.46	≤8.00	PASS
	Ant1	2422	-18.74	≤8.00	PASS
	Ant2	2422	-18.16	≤8.00	PASS
	total	2422	-15.43	≤8.00	PASS
	Ant1	2437	-17.45	≤8.00	PASS
	Ant2	2437	-20.01	≤8.00	PASS
	total	2437	-15.53	≤8.00	PASS
	Ant1	2452	-16.39	≤8.00	PASS
	Ant2	2452	-20.09	≤8.00	PASS
	total	2452	-14.85	≤8.00	PASS

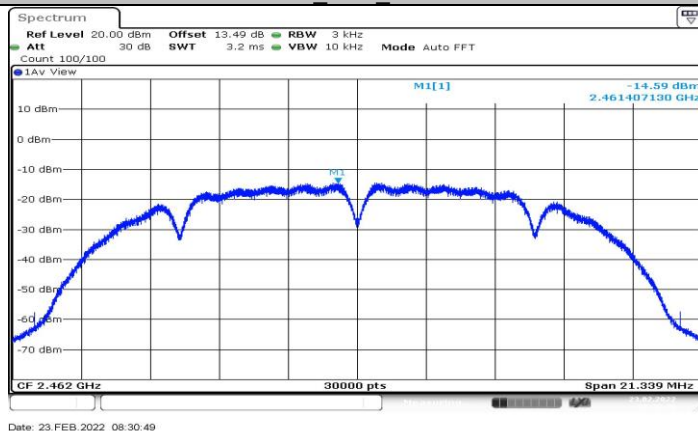
Note: The Duty Cycle Factor is compensated in the graph.

11.4.2. Test Graphs

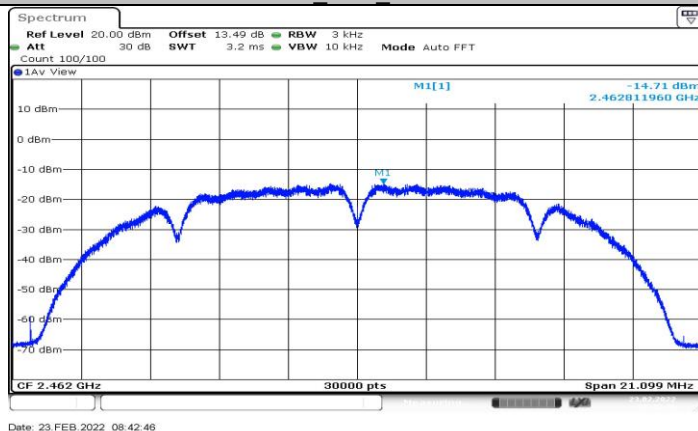




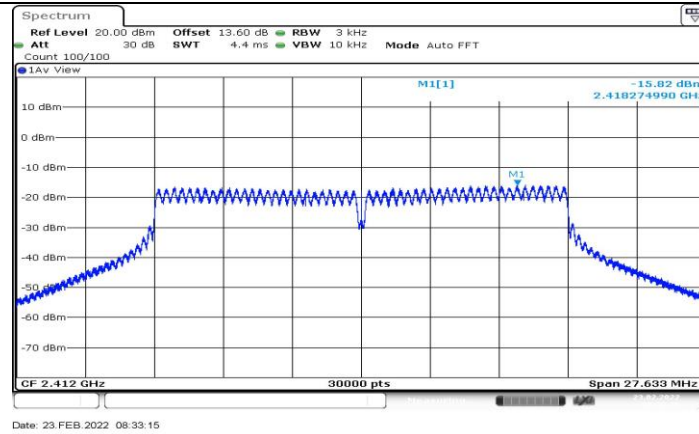
11B_Ant2_2437



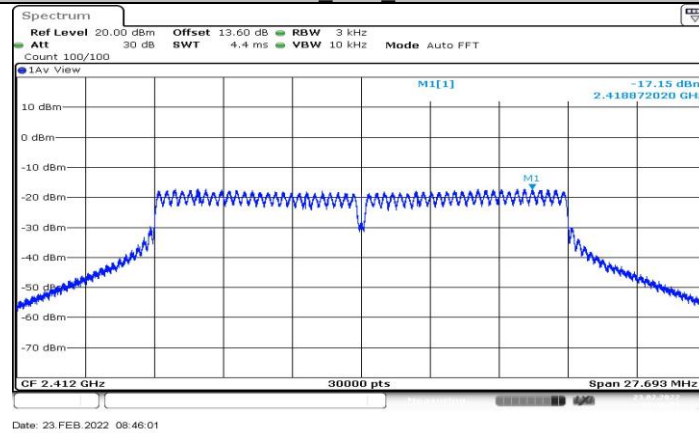
11B_Ant1_2462



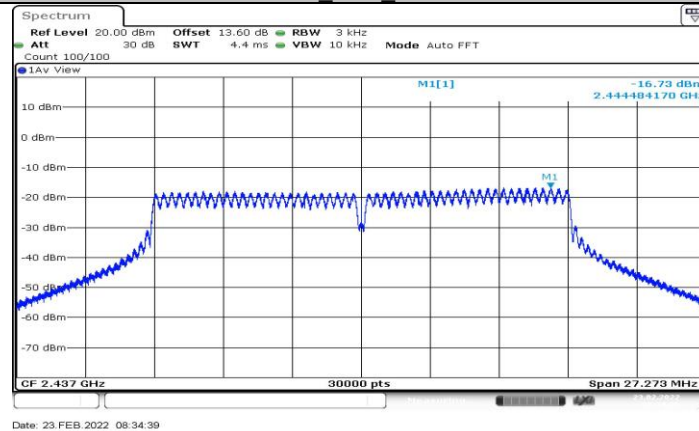
11B_Ant2_2462



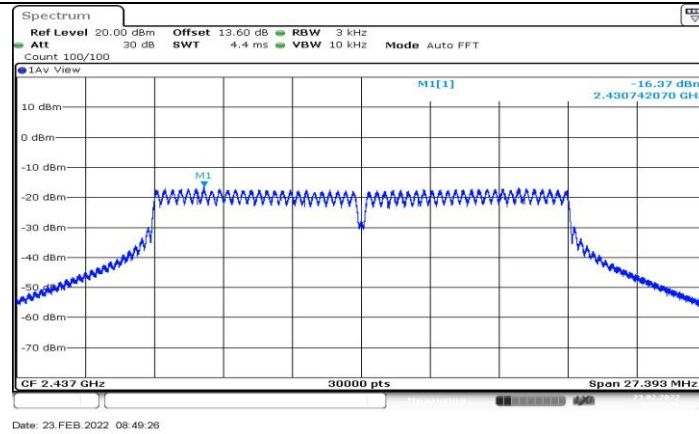
11G_Ant1_2412



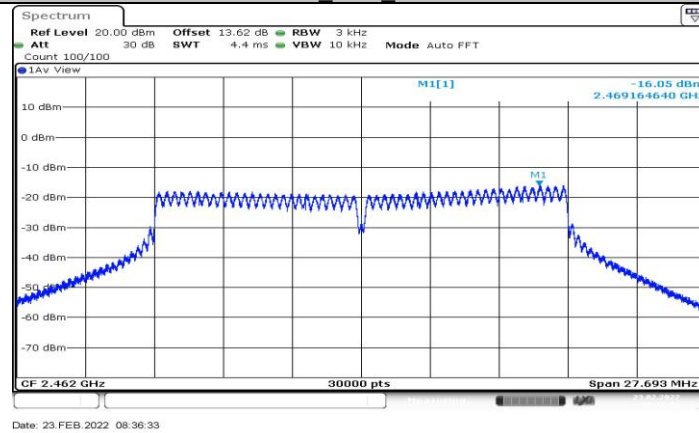
11G_Ant2_2412



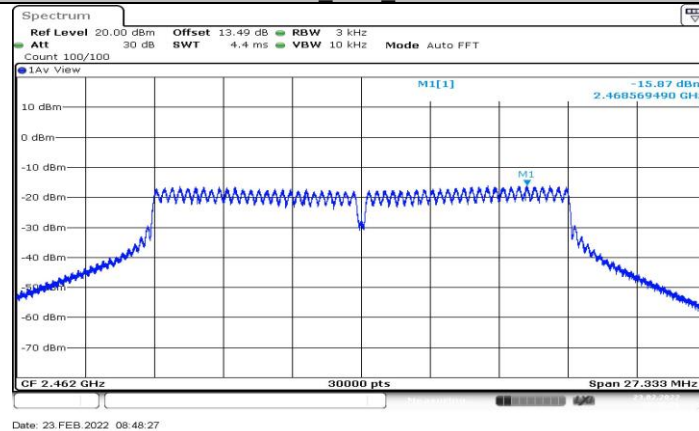
11G_Ant1_2437



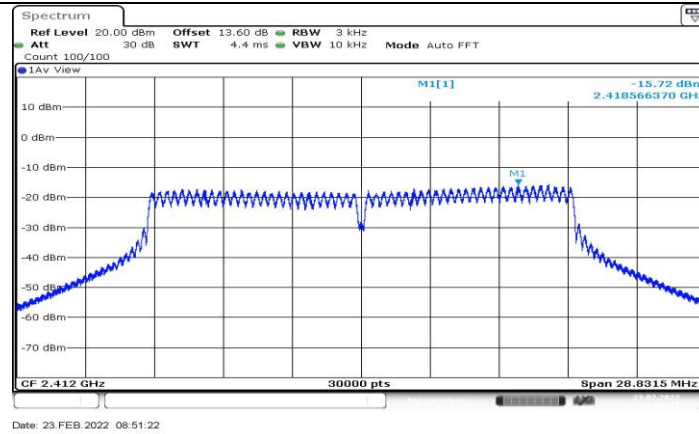
11G_Ant2_2437



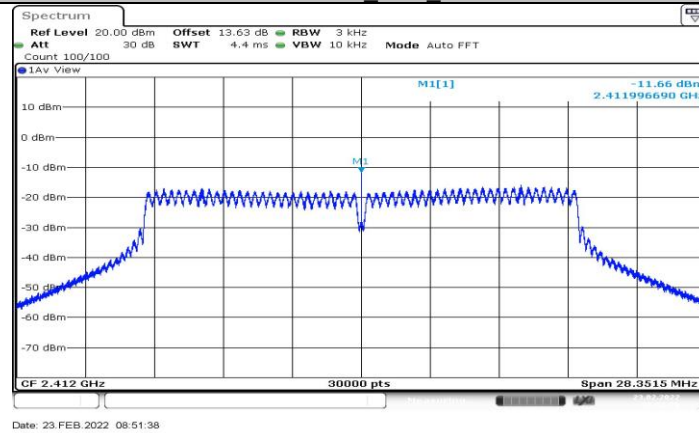
11G_Ant1_2462



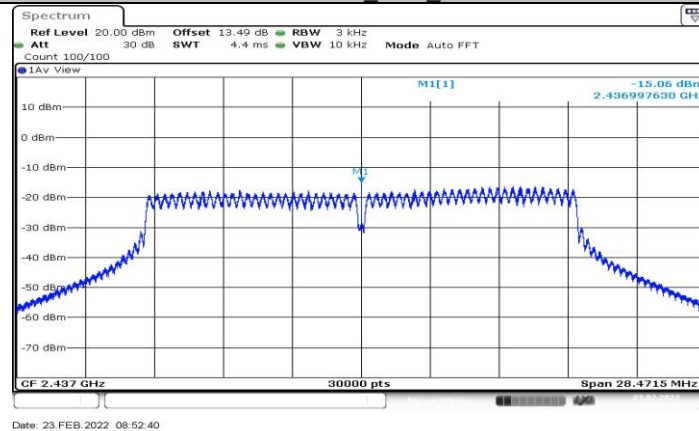
11G_Ant2_2462



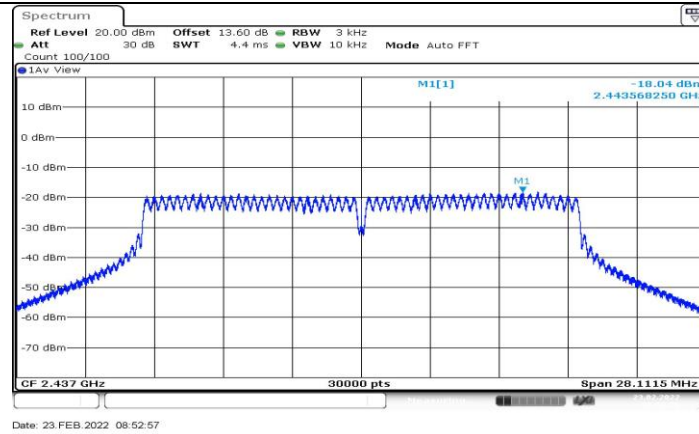
11N20MIMO Ant1 2412



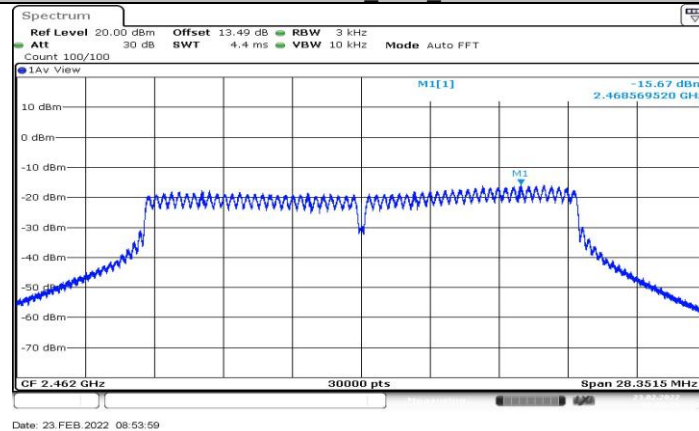
11N20MIMO Ant2 2412



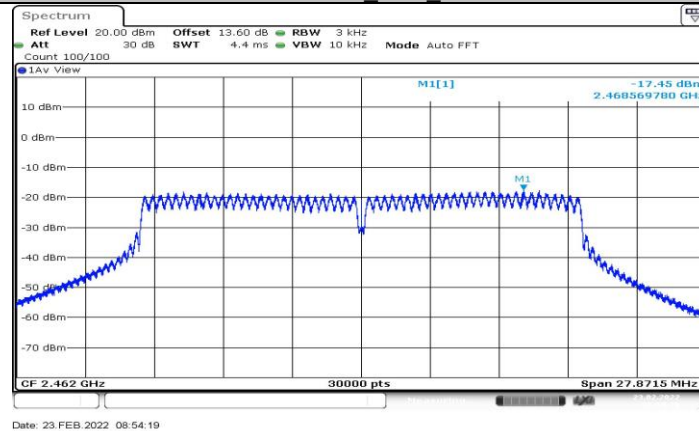
11N20MIMO Ant1 2437



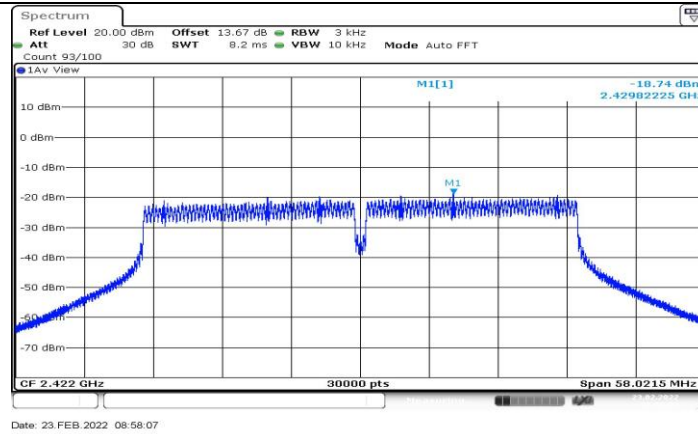
11N20MIMO Ant2 2437



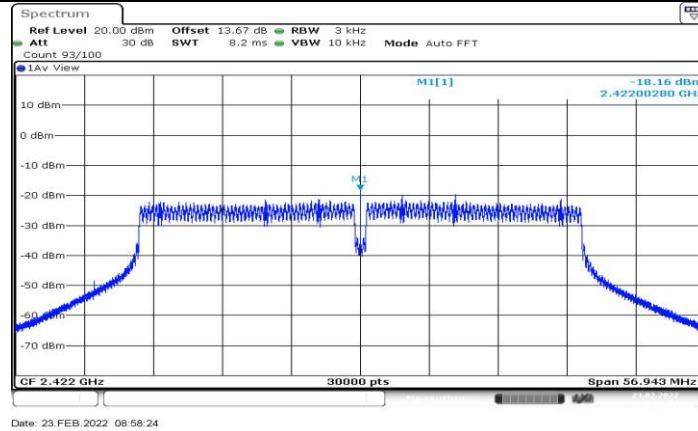
11N20MIMO Ant1 2462



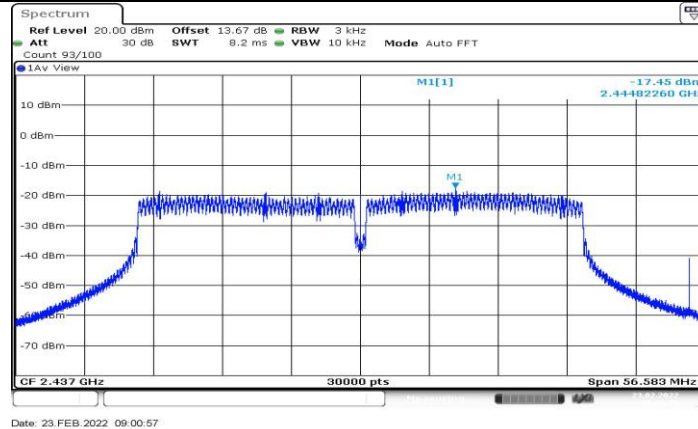
11N20MIMO Ant2 2462



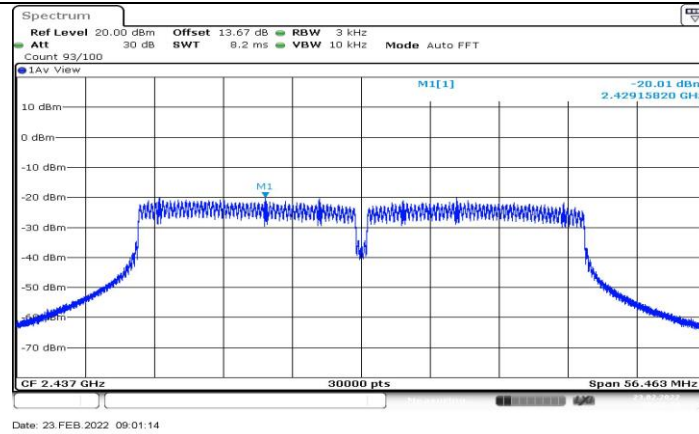
11N40MIMO Ant1 2422



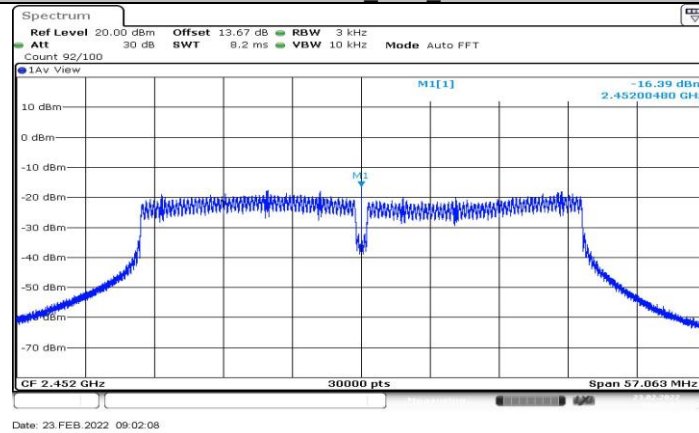
11N40MIMO Ant2 2422



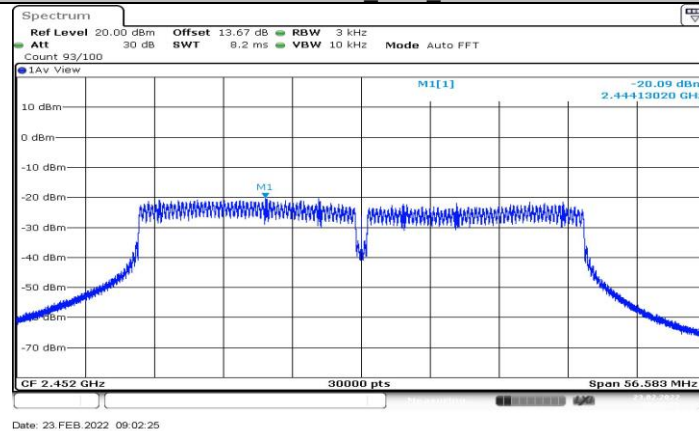
11N40MIMO Ant1 2437



11N40MIMO Ant2 2437



11N40MIMO Ant1 2452



11N40MIMO Ant2 2452

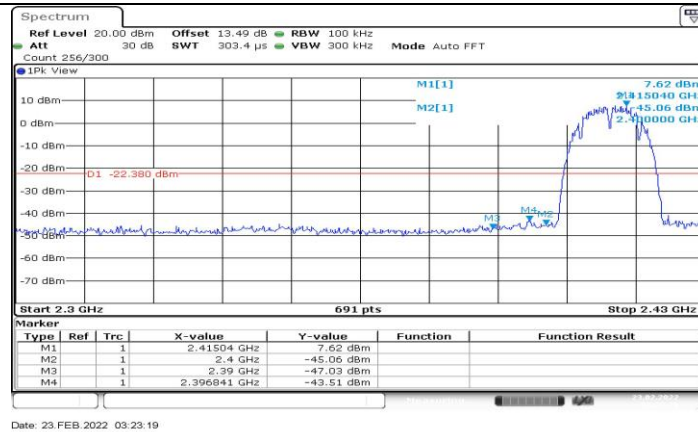


11.5. Appendix E: Band edge measurements

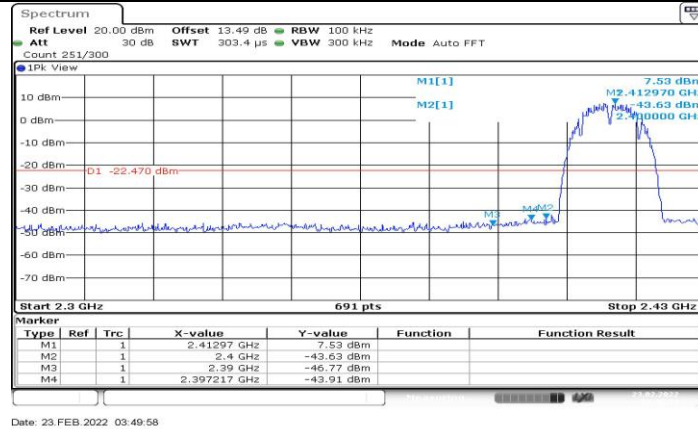
11.5.1. Test Result

Test Mode	Antenna	ChName	Channel	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	Low	2412	7.62	-43.51	≤ -22.38	PASS
	Ant2	Low	2412	7.53	-43.91	≤ -22.47	PASS
	Ant1	High	2462	7.18	-44.89	≤ -22.82	PASS
	Ant2	High	2462	7.53	-45.51	≤ -22.47	PASS
11G	Ant1	Low	2412	4.31	-26.21	≤ -25.69	PASS
	Ant2	Low	2412	5.93	-26.71	≤ -24.07	PASS
	Ant1	High	2462	4.27	-43.75	≤ -25.73	PASS
	Ant2	High	2462	5.70	-43.88	≤ -24.3	PASS
11N20MIMO	Ant1	Low	2412	7.58	-23.51	≤ -22.42	PASS
	Ant2	Low	2412	6.95	-25.15	≤ -23.05	PASS
	Ant1	High	2462	4.22	-43.57	≤ -25.78	PASS
	Ant2	High	2462	5.11	-45.49	≤ -24.89	PASS
11N40MIMO	Ant1	Low	2422	2.39	-28.96	≤ -27.61	PASS
	Ant2	Low	2422	3.19	-28.61	≤ -26.81	PASS
	Ant1	High	2452	2.25	-42	≤ -27.75	PASS
	Ant2	High	2452	1.23	-43.9	≤ -28.77	PASS

11.5.2. Test Graphs



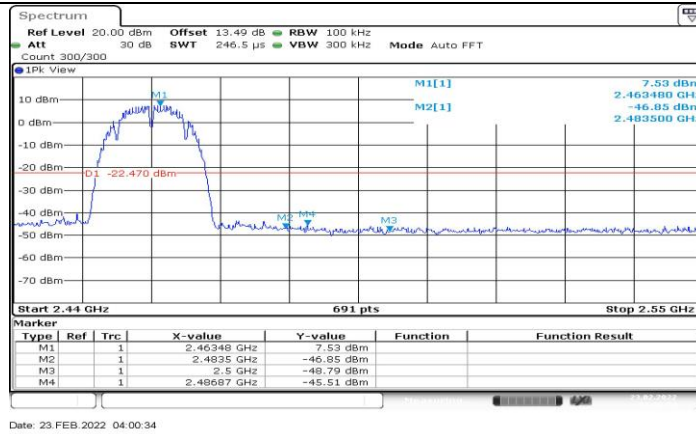
11B Ant1 Low 2412



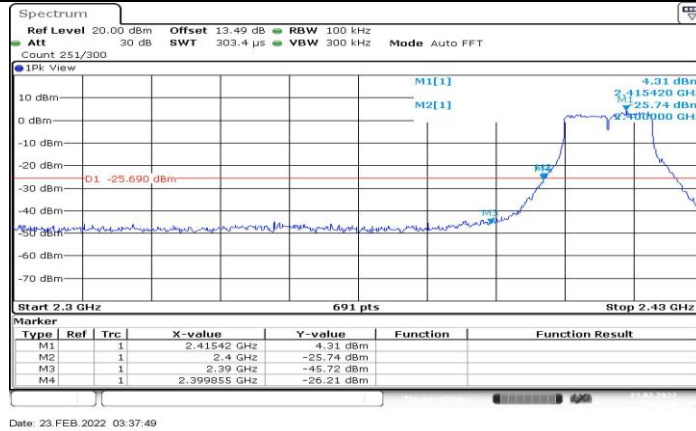
11B Ant2 Low 2412



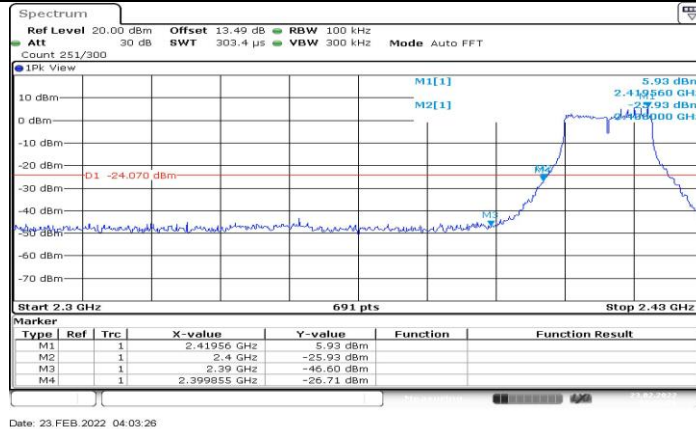
11B Ant1 High 2462



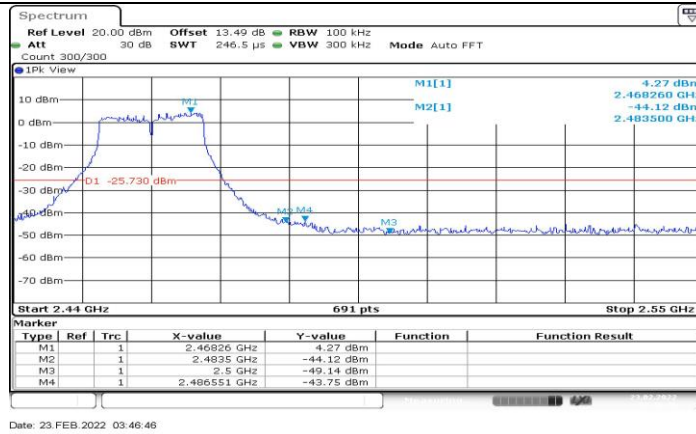
11B Ant2 High 2462



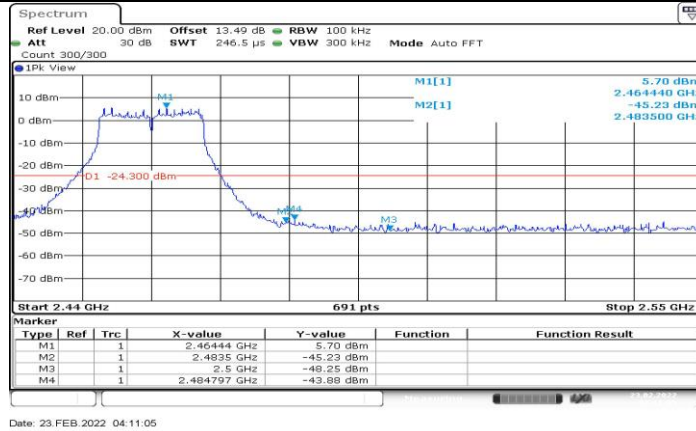
11G Ant1 Low 2412



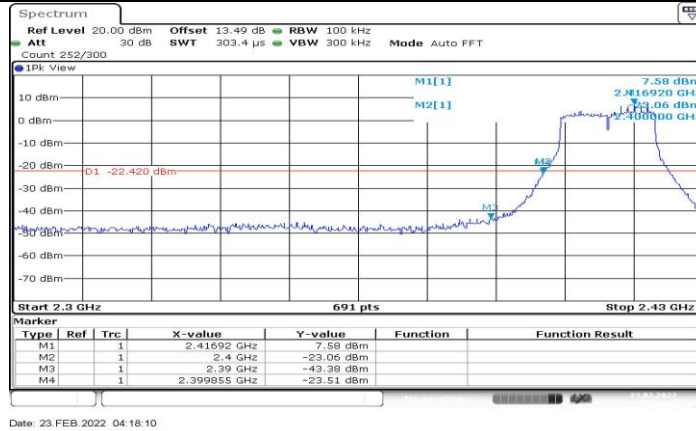
11G Ant2 Low 2412



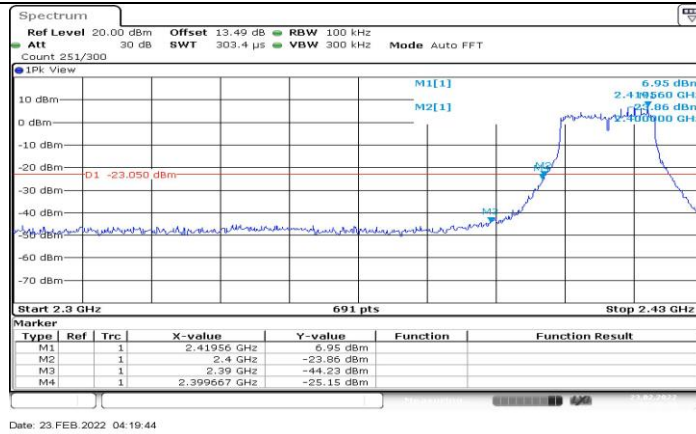
11G Ant1 High 2462



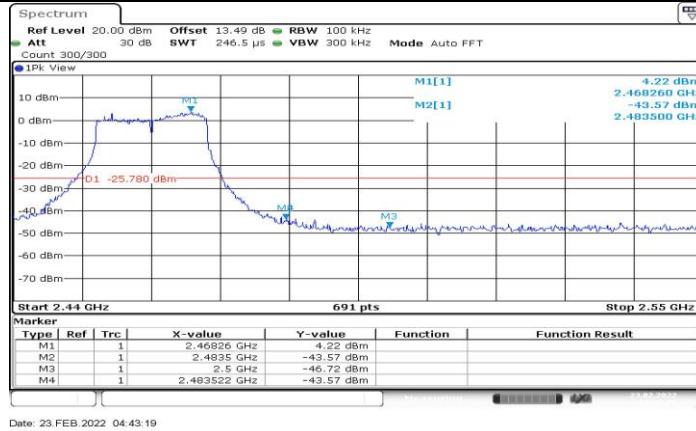
11G Ant2 High 2462



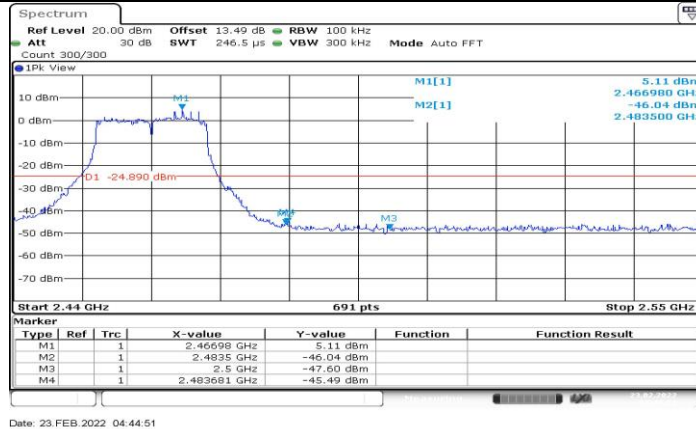
11N20MIMO Ant1 Low 2412



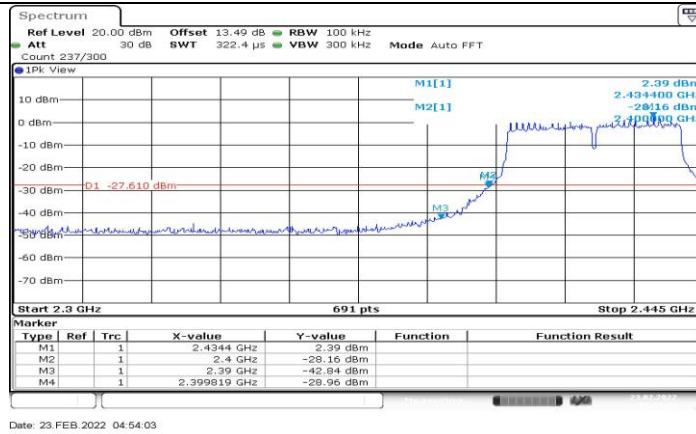
11N20MIMO Ant2 Low 2412



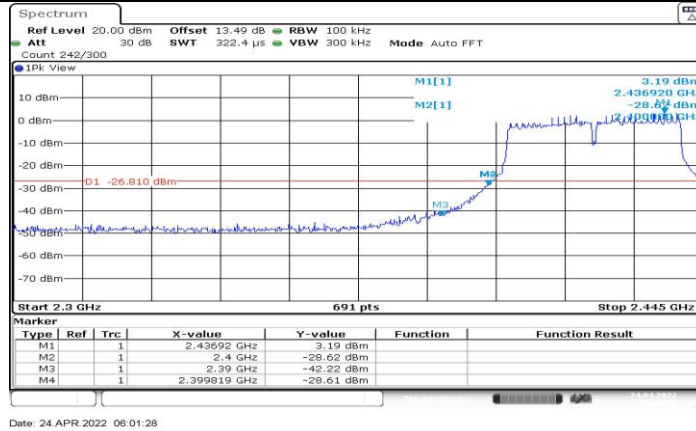
11N20MIMO Ant1 High 2462



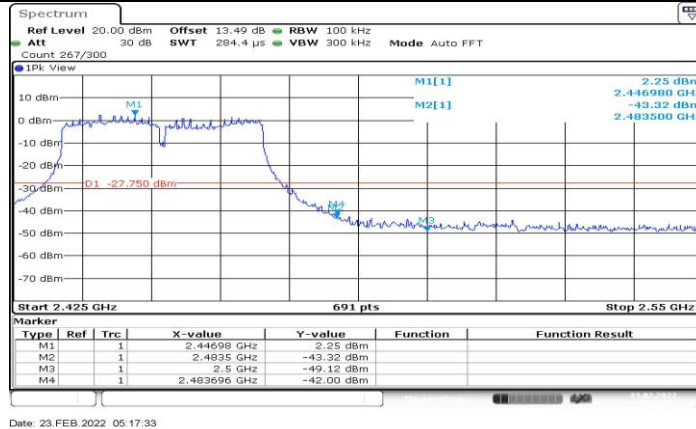
11N20MIMO Ant2 High 2462



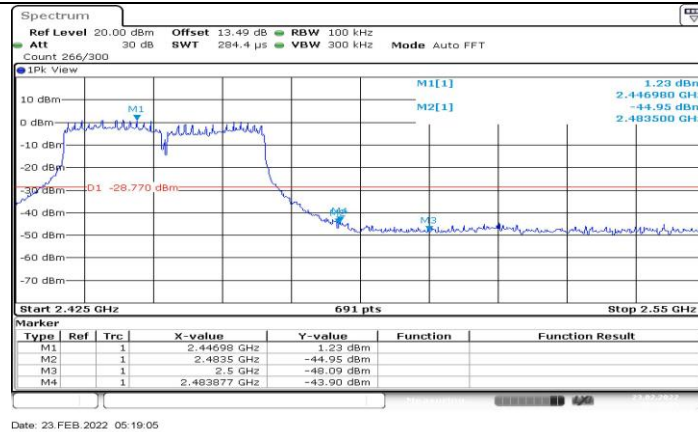
11N40MIMO Ant1 Low 2422



11N40MIMO Ant2 Low 2422



11N40MIMO Ant1 High 2452



11N40MIMO_Ant2_High_2452

11.6. Appendix F: Conducted Spurious Emission

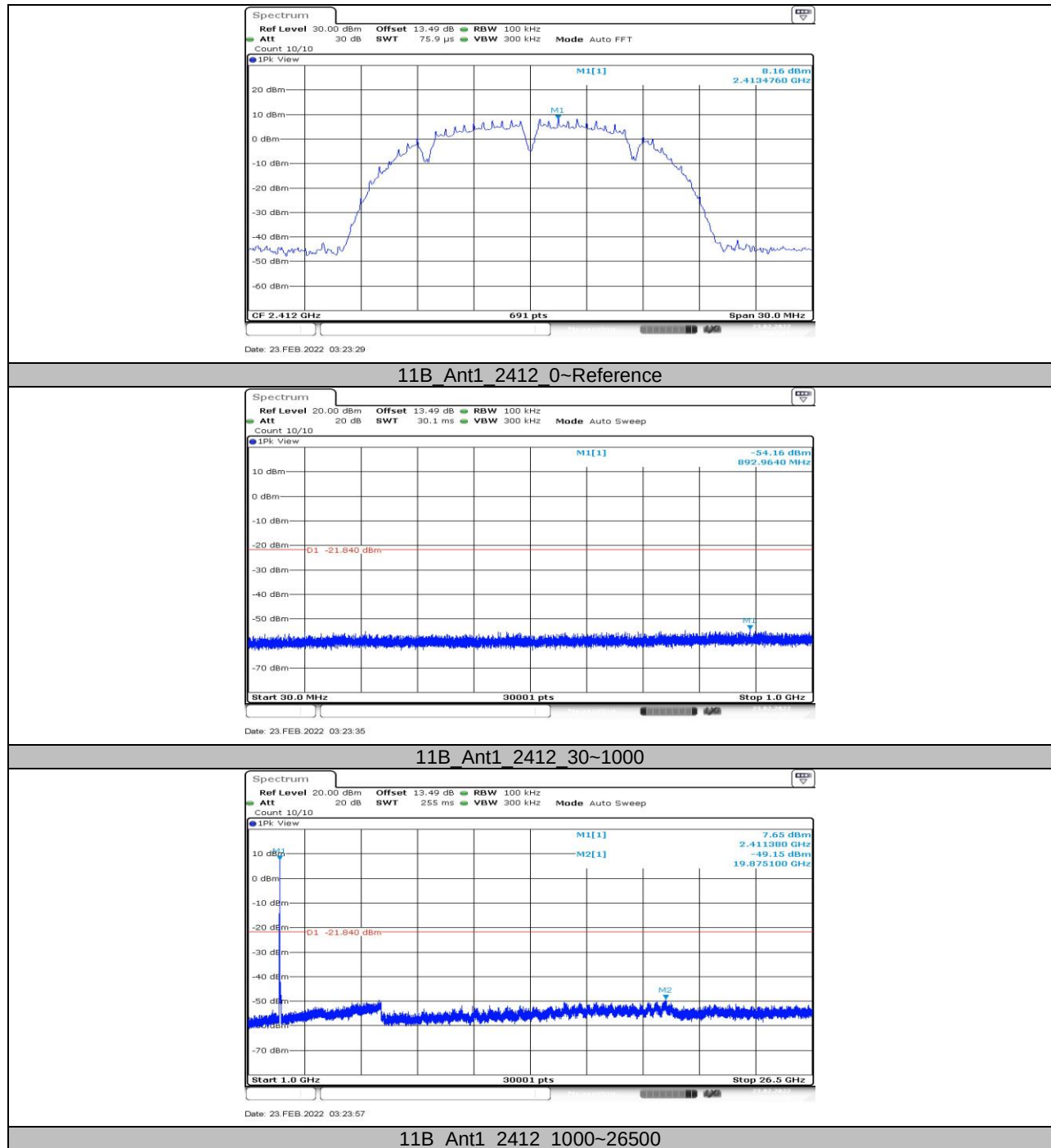
11.6.1. Test Result

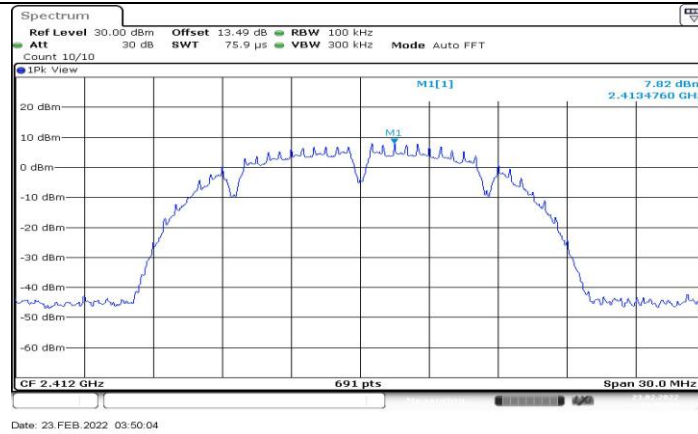
Test Mode	Antenna	Channel	FreqRange [Mhz]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	Reference	8.16	---	PASS
			30~1000	-54.16	≤-21.84	PASS
			1000~26500	-49.15	≤-21.84	PASS
	Ant2	2412	Reference	7.82	---	PASS
			30~1000	-53.64	≤-22.18	PASS
			1000~26500	-49.07	≤-22.18	PASS
	Ant1	2437	Reference	7.77	---	PASS
			30~1000	-54.35	≤-22.23	PASS
			1000~26500	-49.45	≤-22.23	PASS
	Ant2	2437	Reference	6.47	---	PASS
			30~1000	-53.99	≤-23.53	PASS
			1000~26500	-49.09	≤-23.53	PASS
11G	Ant1	2412	Reference	7.27	---	PASS
			30~1000	-54.41	≤-22.73	PASS
			1000~26500	-48.49	≤-22.73	PASS
	Ant2	2412	Reference	7.41	---	PASS
			30~1000	-53.62	≤-22.59	PASS
			1000~26500	-48.87	≤-22.59	PASS
	Ant1	2437	Reference	5.79	---	PASS
			30~1000	-53.98	≤-24.21	PASS
			1000~26500	-49.18	≤-24.21	PASS
	Ant2	2437	Reference	5.51	---	PASS
			30~1000	-53.51	≤-24.49	PASS
			1000~26500	-48.64	≤-24.49	PASS
11N20MIMO	Ant1	2412	Reference	6.01	---	PASS
			30~1000	-52.56	≤-23.99	PASS
			1000~26500	-48.53	≤-23.99	PASS
	Ant2	2437	Reference	5.63	---	PASS
			30~1000	-52.67	≤-24.37	PASS
			1000~26500	-49.51	≤-24.37	PASS
	Ant1	2462	Reference	4.48	---	PASS
			30~1000	-53.6	≤-25.52	PASS
			1000~26500	-48.88	≤-25.52	PASS
	Ant2	2462	Reference	6.69	---	PASS
			30~1000	-52.85	≤-23.31	PASS
			1000~26500	-48.85	≤-23.31	PASS
11N20MIMO	Ant1	2412	Reference	7.25	---	PASS
			30~1000	-54.5	≤-22.75	PASS
			1000~26500	-49.35	≤-22.75	PASS
	Ant2	2412	Reference	6.72	---	PASS
			30~1000	-54.41	≤-23.28	PASS
			1000~26500	-49.65	≤-23.28	PASS
	Ant1	2437	Reference	5.50	---	PASS
			30~1000	-54.1	≤-24.5	PASS
			1000~26500	-48.64	≤-24.5	PASS
	Ant2	2437	Reference	4.81	---	PASS
			30~1000	-53.68	≤-25.19	PASS
			1000~26500	-49.14	≤-25.19	PASS
11N20MIMO	Ant1	2462	Reference	6.29	---	PASS
			30~1000	-53.54	≤-23.71	PASS
			1000~26500	-49.22	≤-23.71	PASS
	Ant2	2462	Reference	5.26	---	PASS
			30~1000	-54.48	≤-24.74	PASS



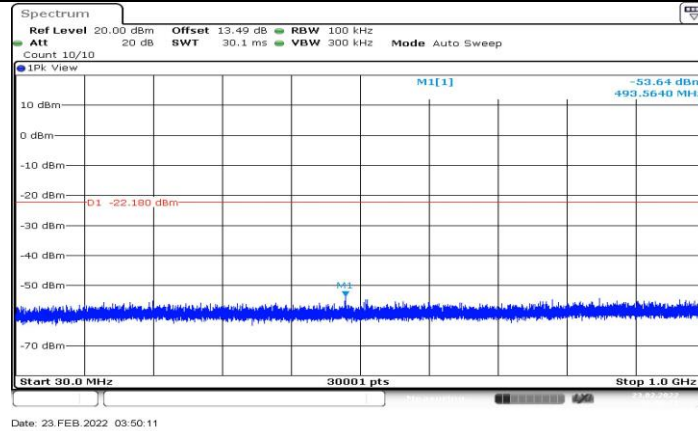
			1000~26500	-48.52	≤ -24.74	PASS
11N40MIMO	Ant1	2422	Reference	2.23	---	PASS
			30~1000	-54.15	≤ -27.77	PASS
			1000~26500	-49.01	≤ -27.77	PASS
	Ant2	2422	Reference	1.52	---	PASS
			30~1000	-53.44	≤ -28.48	PASS
			1000~26500	-48.87	≤ -28.48	PASS
	Ant1	2437	Reference	2.34	---	PASS
			30~1000	-54.02	≤ -27.66	PASS
			1000~26500	-49.04	≤ -27.66	PASS
	Ant2	2437	Reference	0.80	---	PASS
			30~1000	-53.26	≤ -29.2	PASS
			1000~26500	-49.28	≤ -29.2	PASS
	Ant1	2452	Reference	3.36	---	PASS
			30~1000	-53.99	≤ -26.64	PASS
			1000~26500	-48.98	≤ -26.64	PASS
	Ant2	2452	Reference	1.28	---	PASS
			30~1000	-54.11	≤ -28.72	PASS
			1000~26500	-48.51	≤ -28.72	PASS

11.6.2. Test Graphs

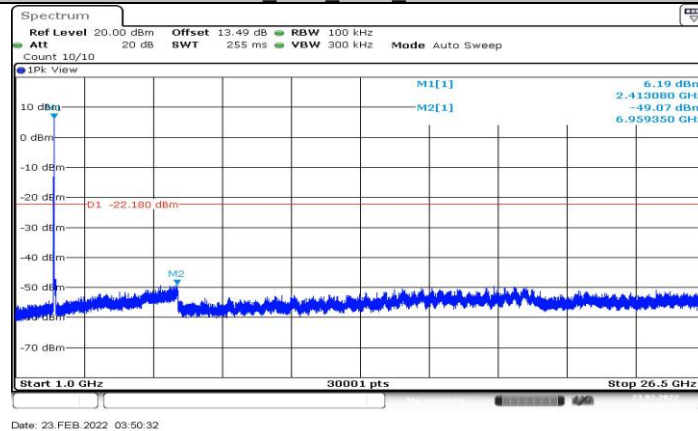




11B_Ant2_2412_0-Reference



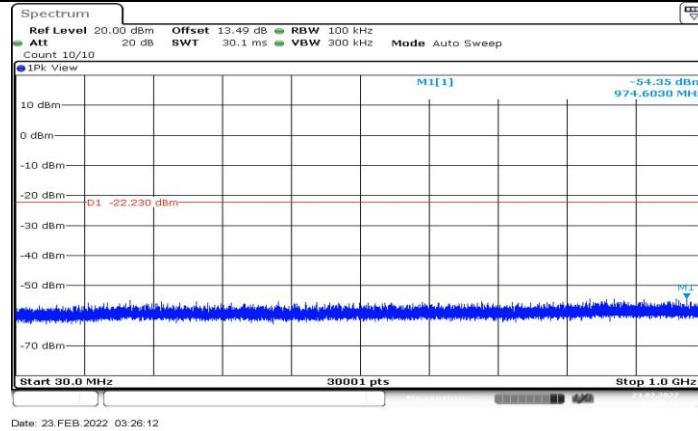
11B_Ant2_2412_30-1000



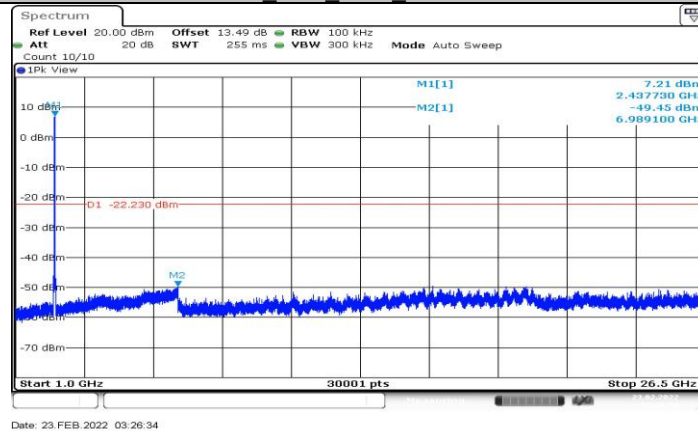
11B_Ant2_2412_1000-26500



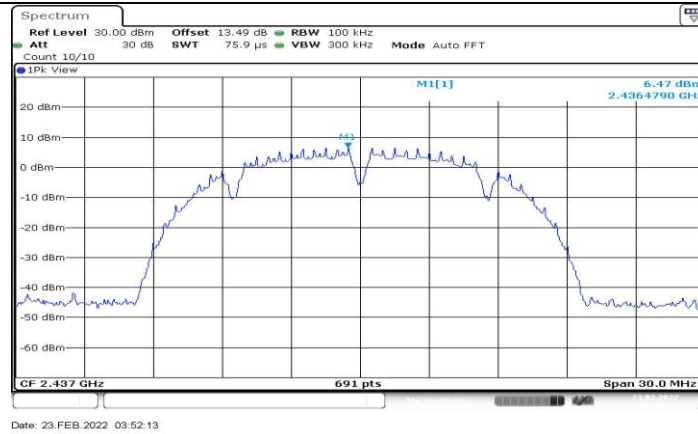
11B_Ant1_2437_0-Reference



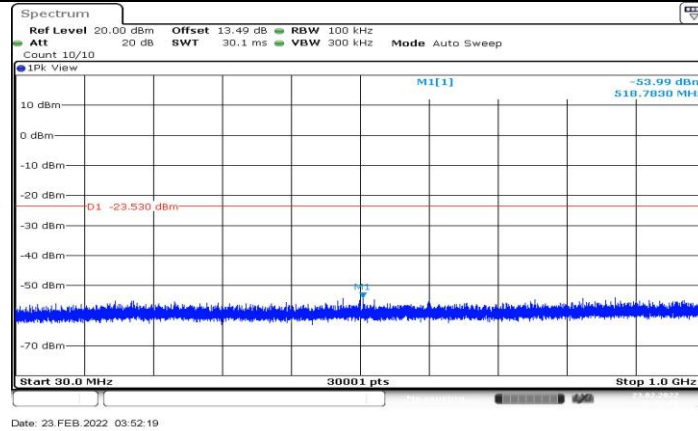
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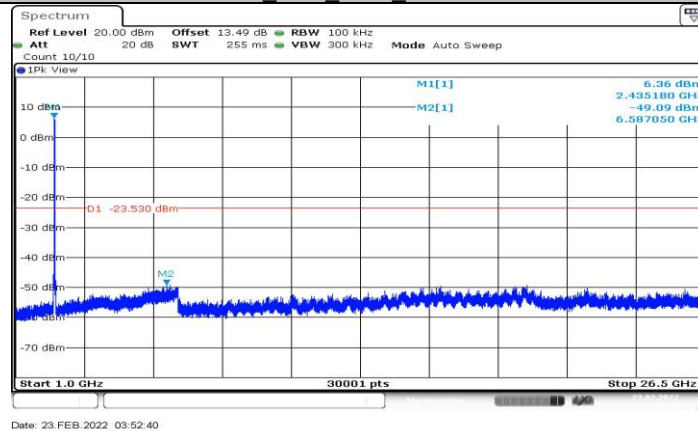
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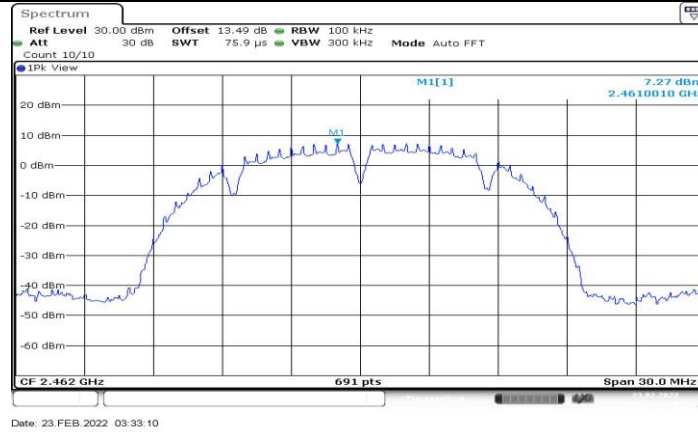
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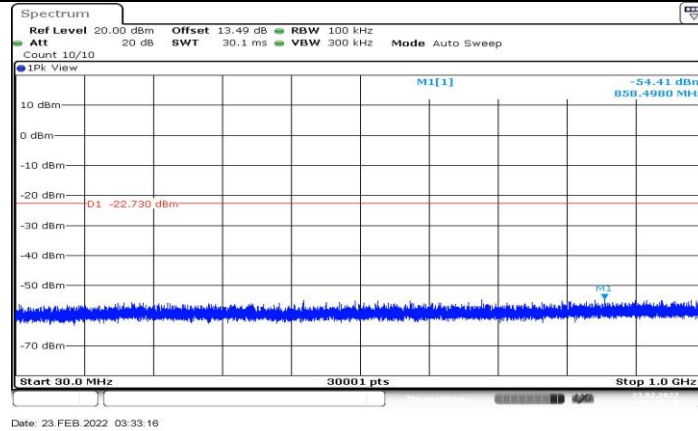
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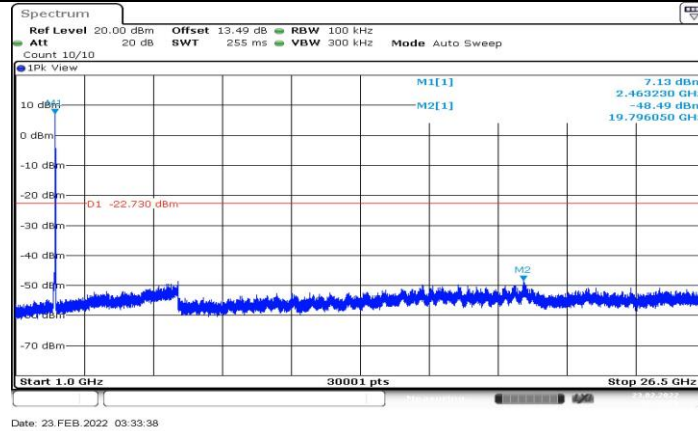
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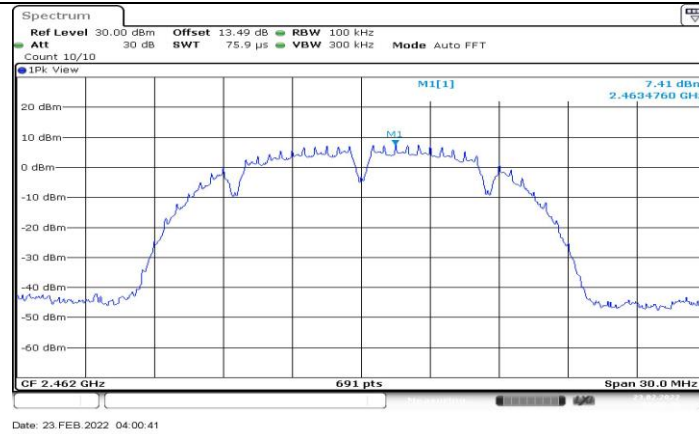
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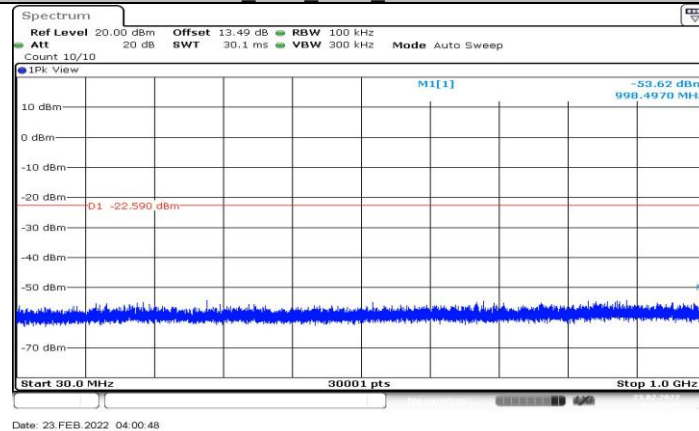
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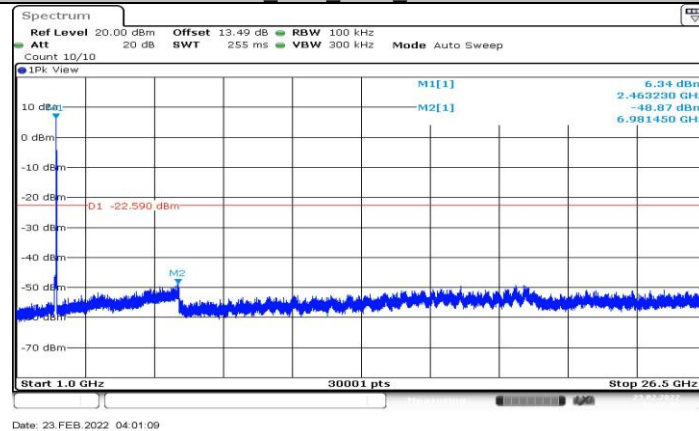
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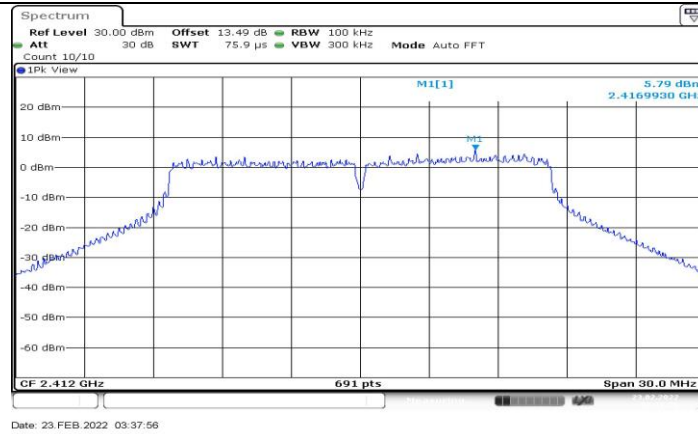
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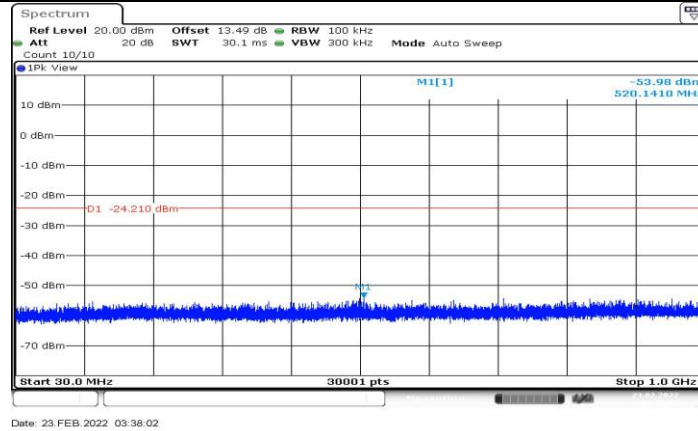
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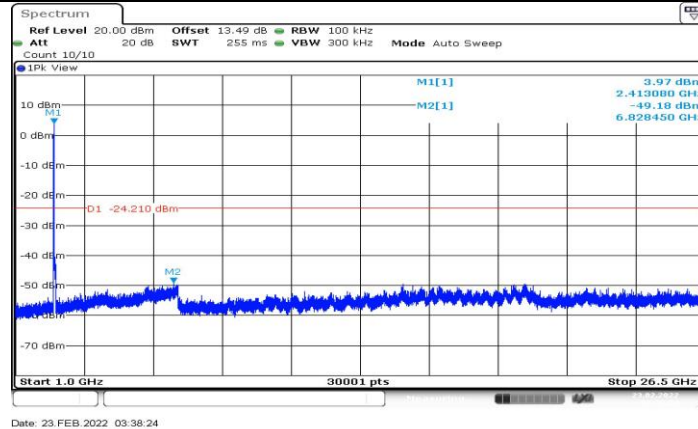
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11G_Ant1_2412_0-Reference



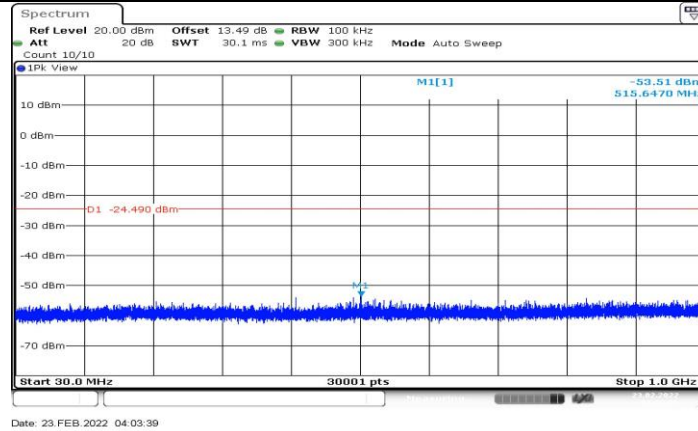
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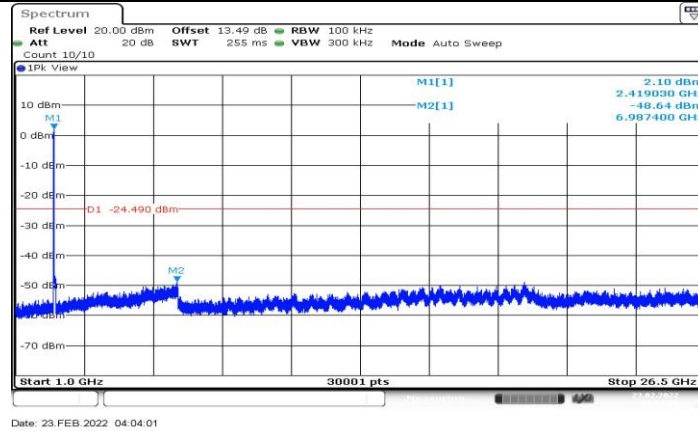
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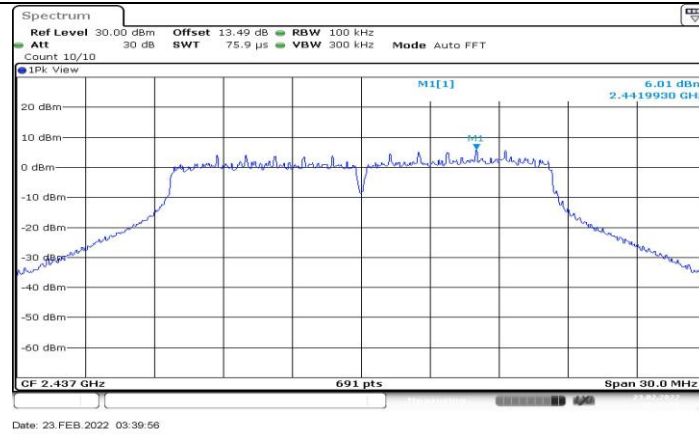
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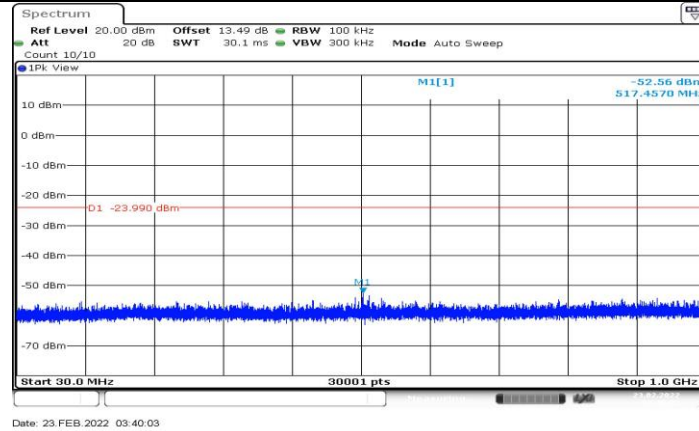
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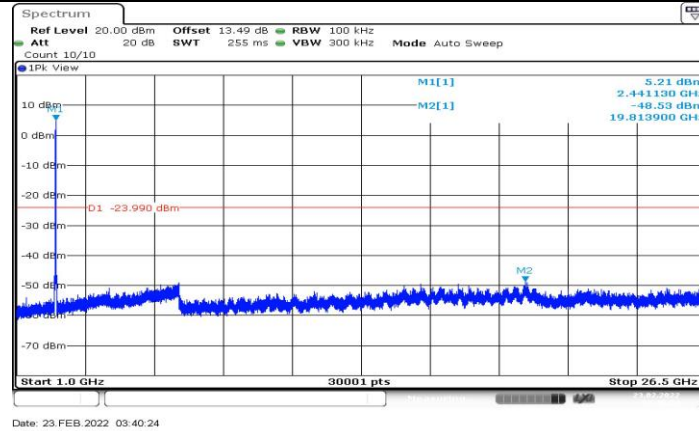
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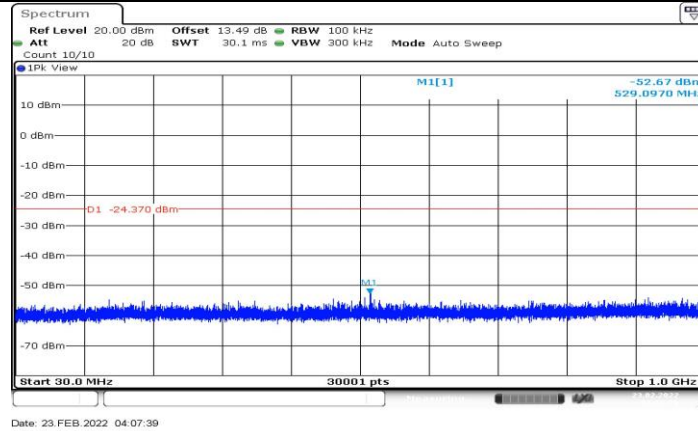
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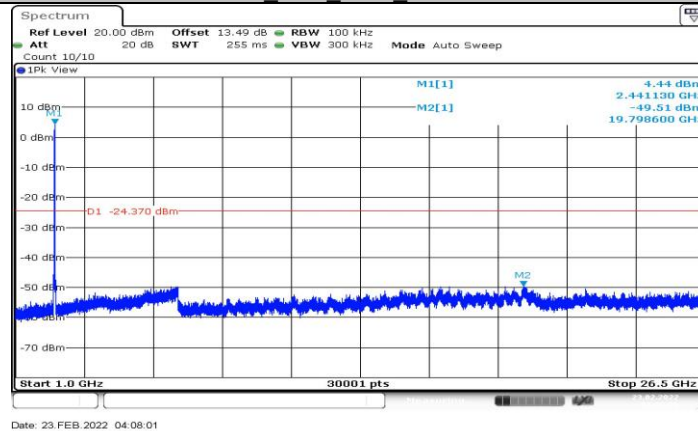
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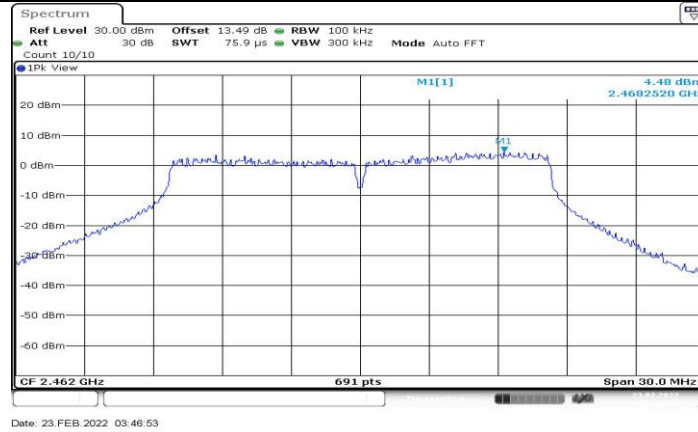
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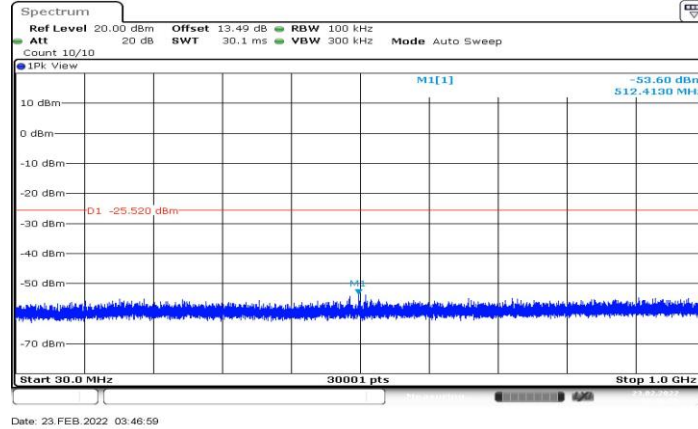
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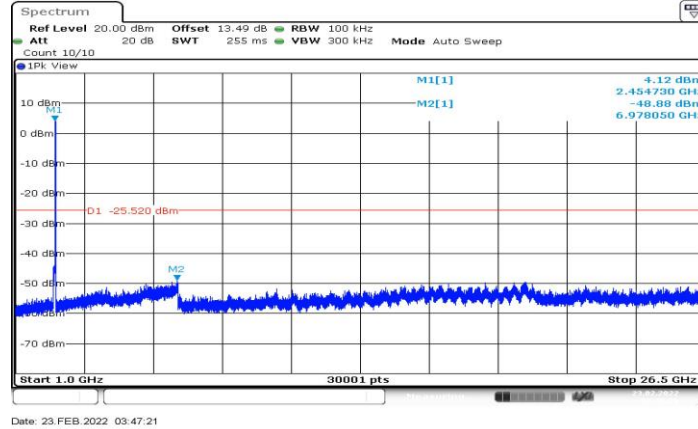
11G_Ant2_2437_1000-26500



11G_Ant1_2462_0-Reference



11G_Ant1_2462_30-1000



11G_Ant1_2462_1000-26500