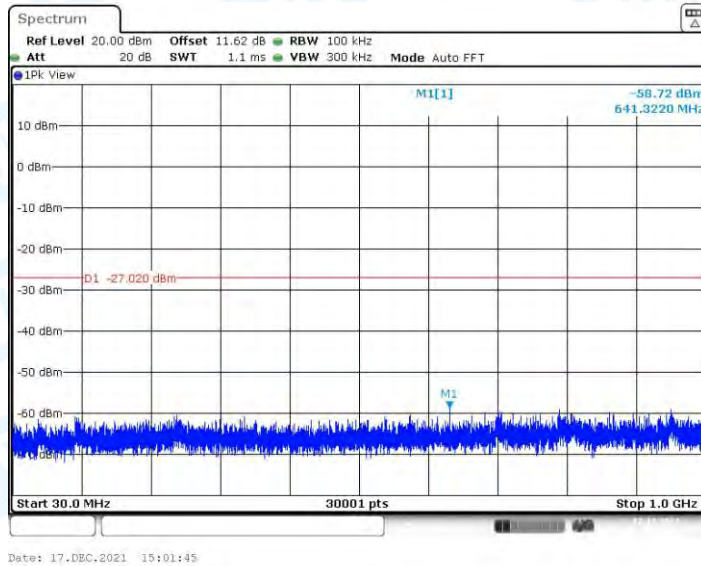
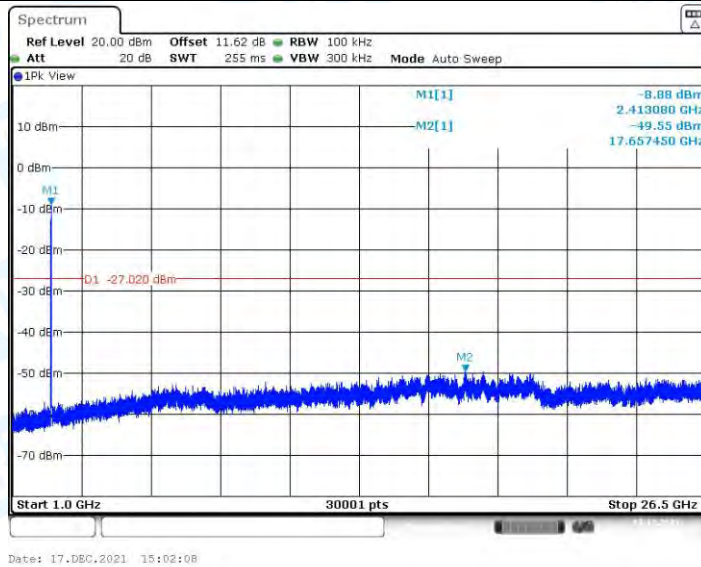


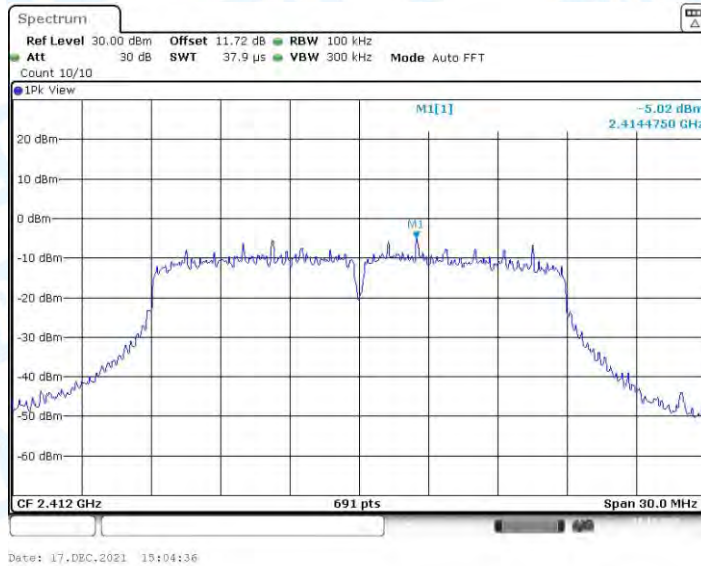
11N20MIMO_Ant1_2412_0~Reference



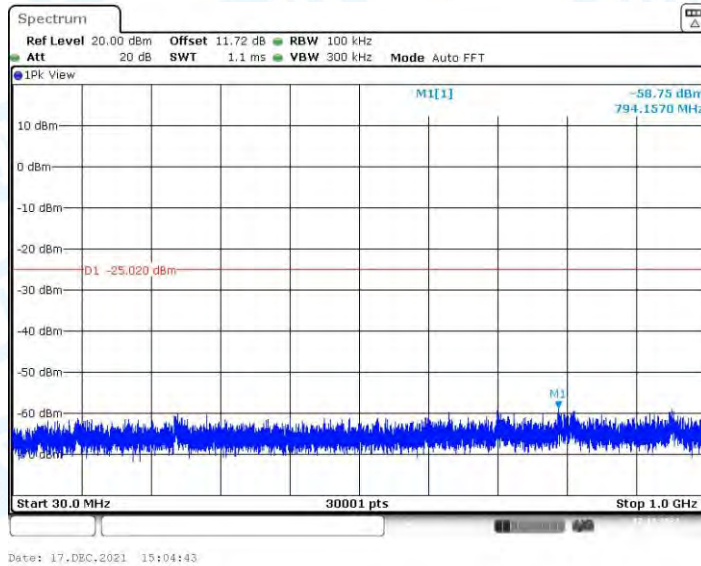
11N20MIMO_Ant1_2412_30~1000



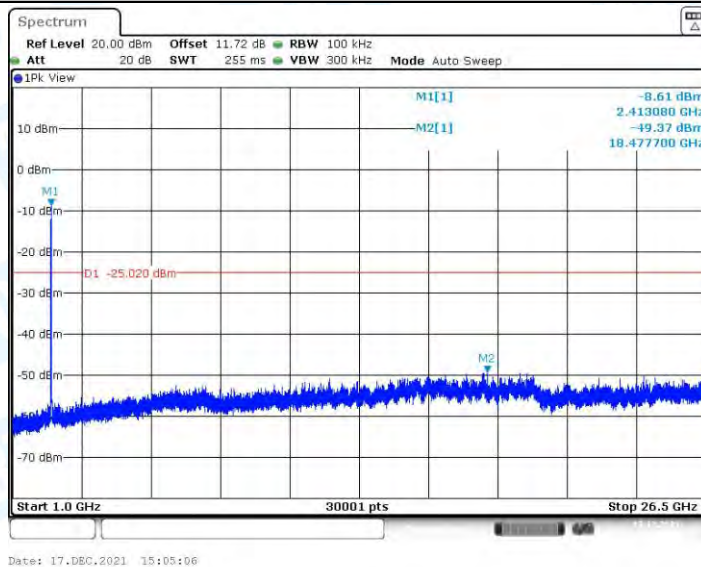
11N20MIMO_Ant1_2412_1000~26500



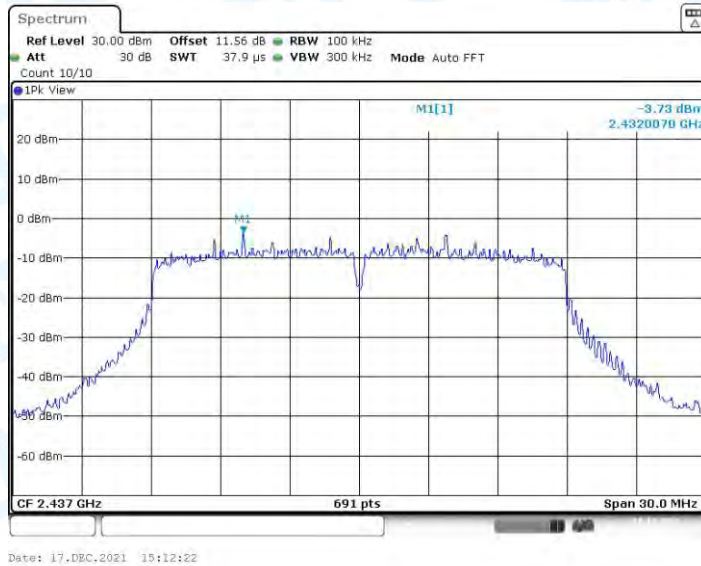
11N20MIMO_Ant2_2412_0~Reference



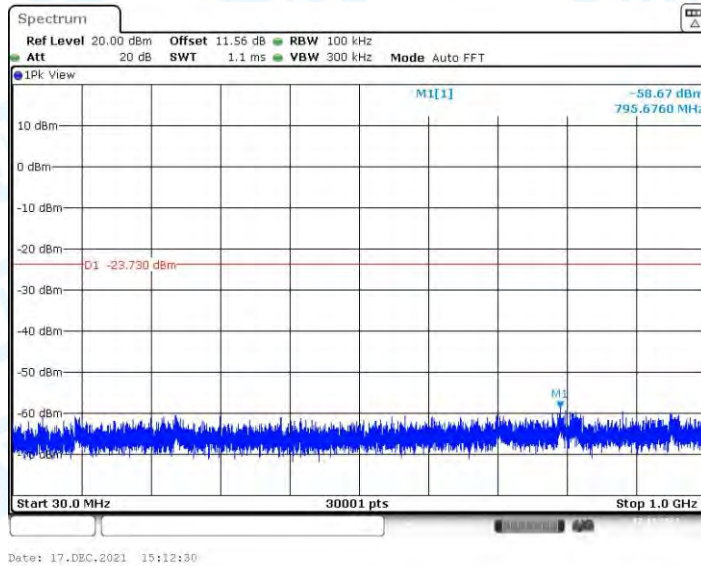
11N20MIMO_Ant2_2412_30~1000



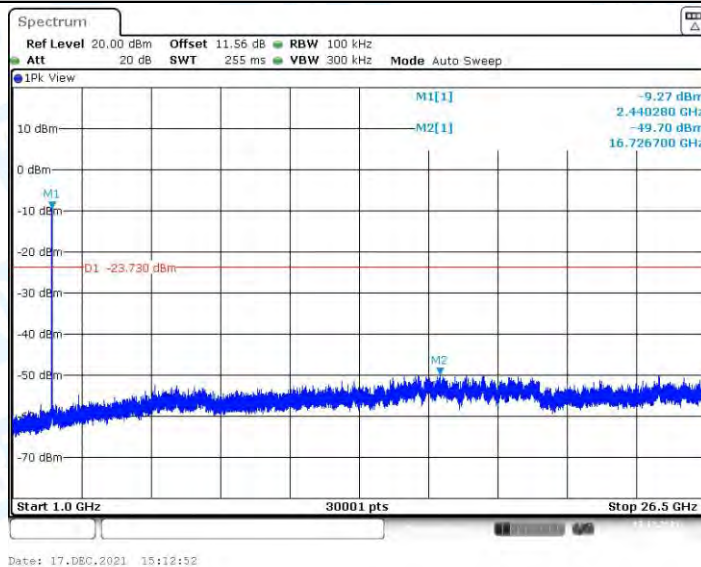
11N20MIMO_Ant2_2412_1000~26500



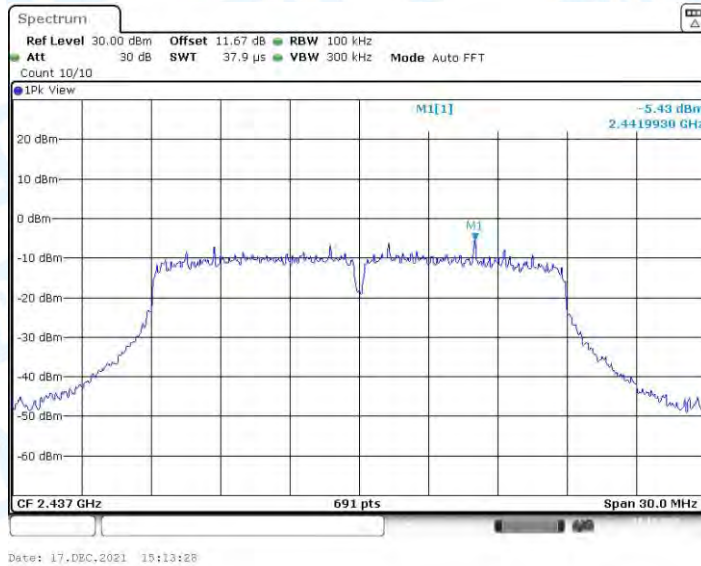
11N20MIMO_Ant1_2437_0~Reference



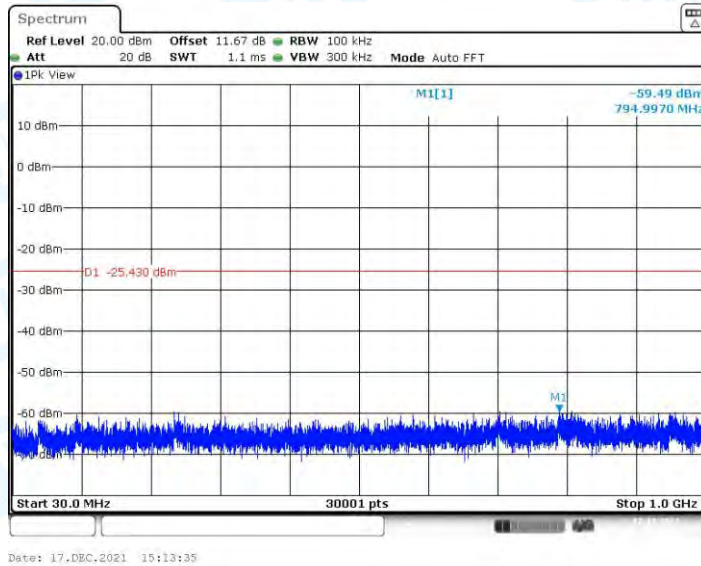
11N20MIMO_Ant1_2437_30~1000



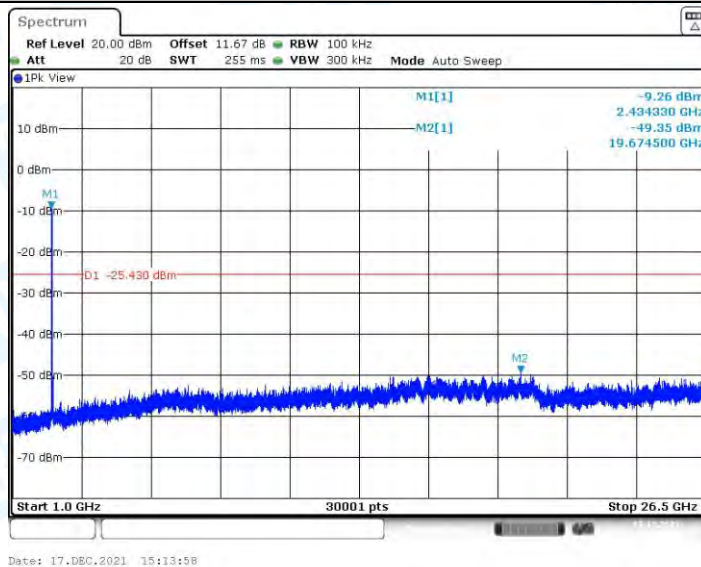
11N20MIMO_Ant1_2437_1000~26500



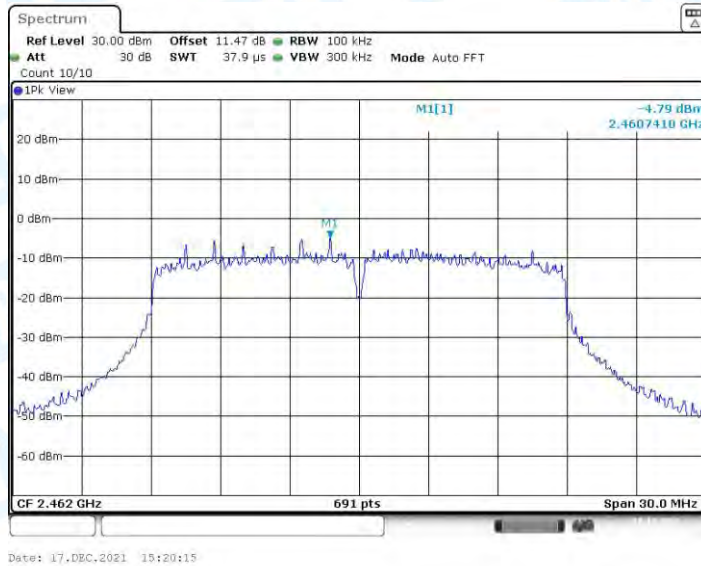
11N20MIMO_Ant2_2437_0~Reference



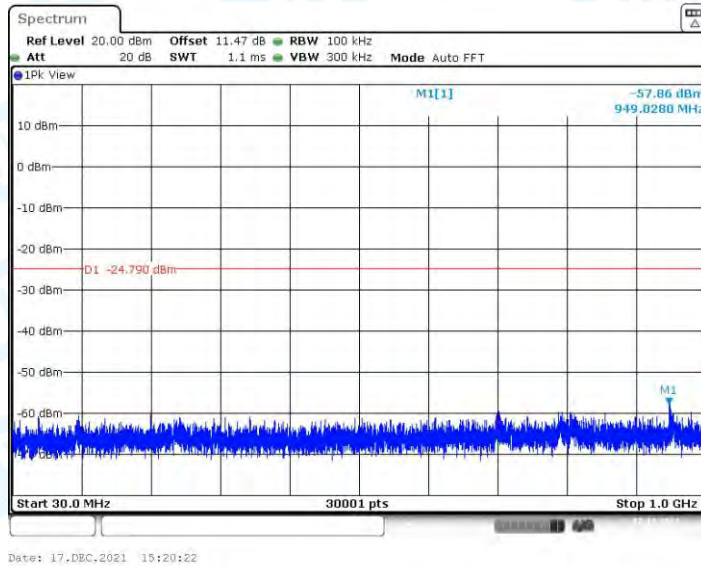
11N20MIMO_Ant2_2437_30~1000



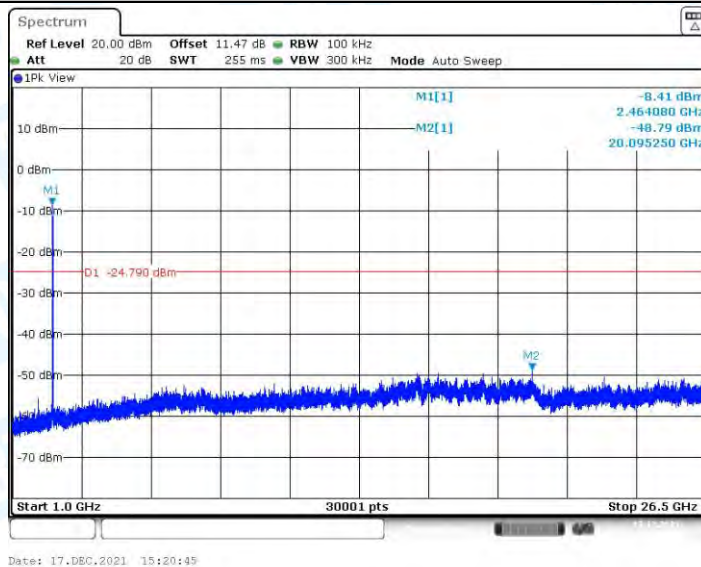
11N20MIMO_Ant2_2437_1000~26500



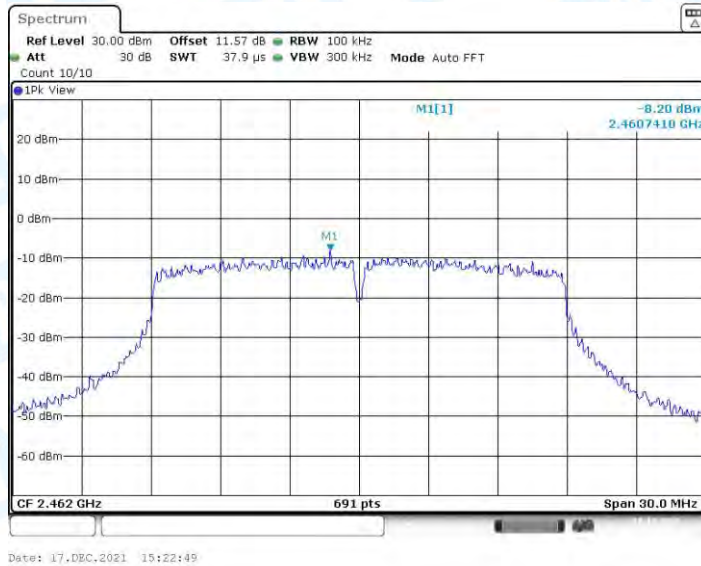
11N20MIMO_Ant1_2462_0~Reference



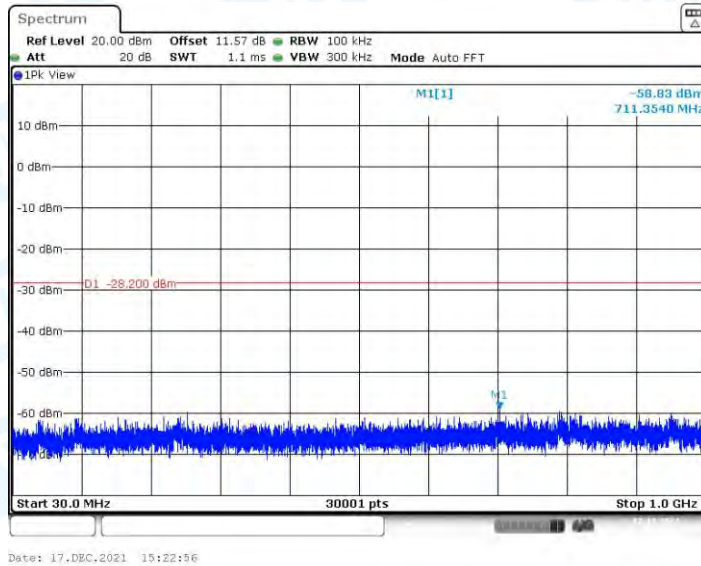
11N20MIMO_Ant1_2462_30~1000



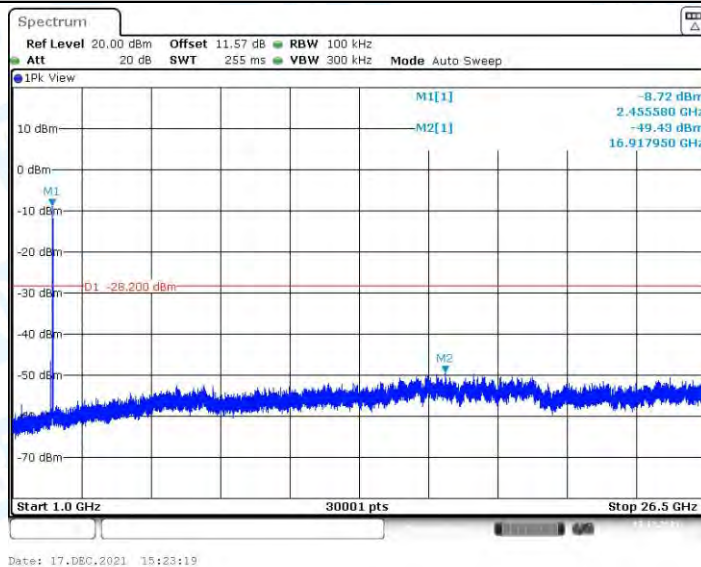
11N20MIMO_Ant1_2462_1000~26500



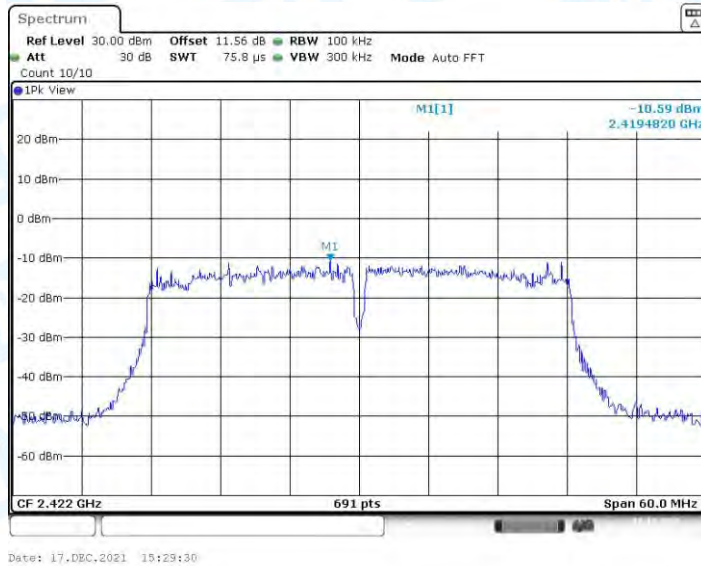
11N20MIMO_Ant2_2462_0~Reference



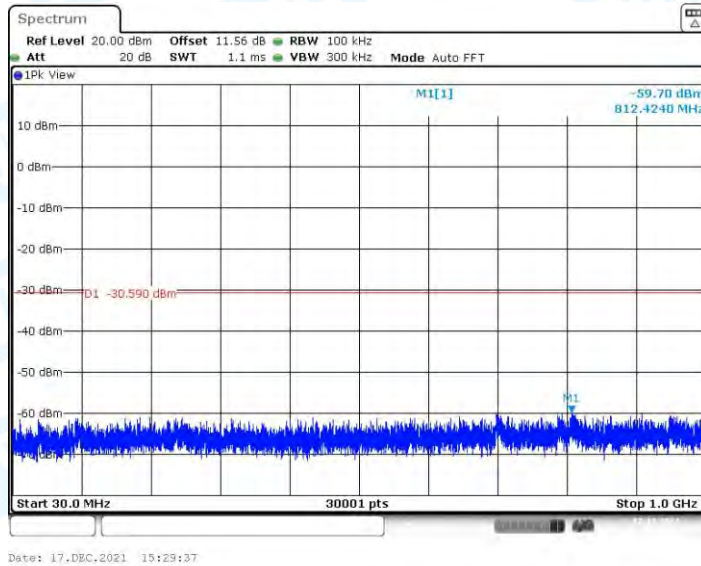
11N20MIMO_Ant2_2462_30~1000



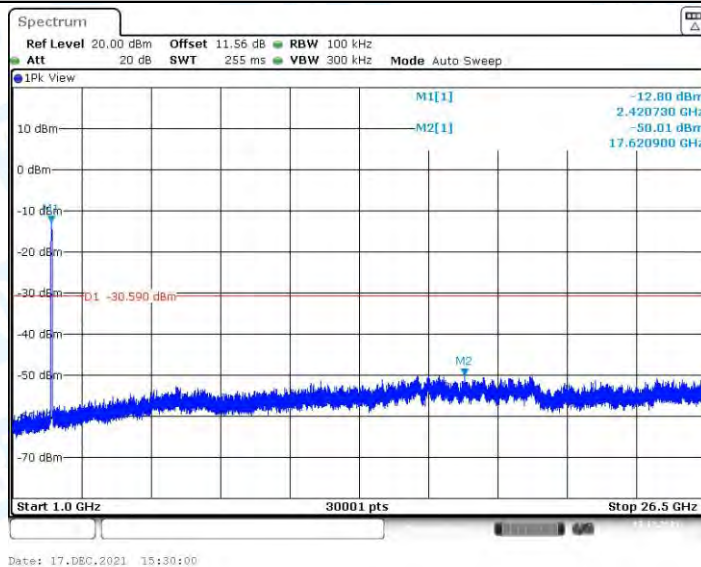
11N20MIMO_Ant2_2462_1000~26500



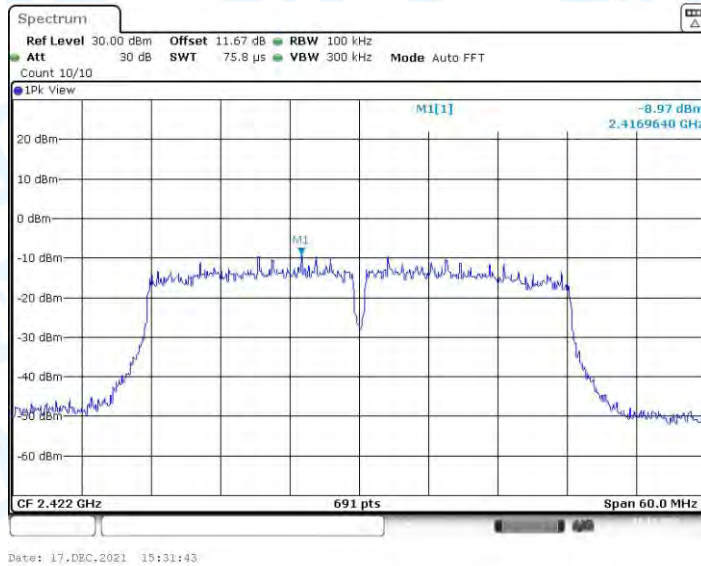
11N40MIMO_Ant1_2422_0~Reference



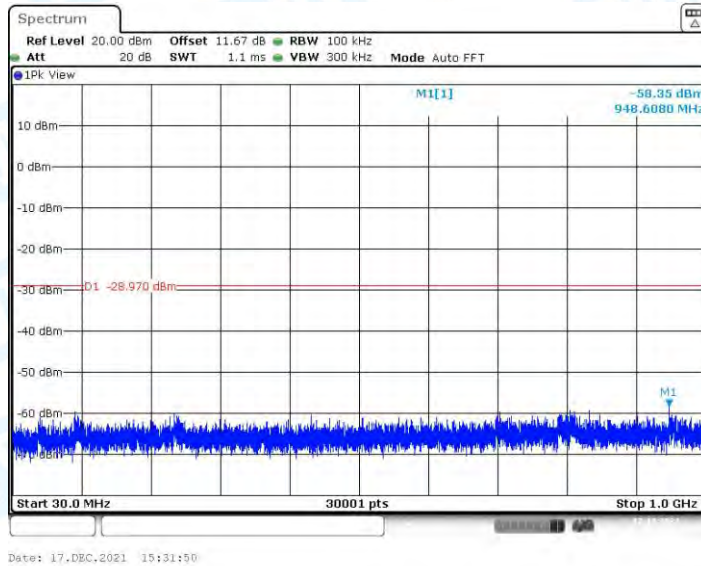
11N40MIMO_Ant1_2422_30~1000



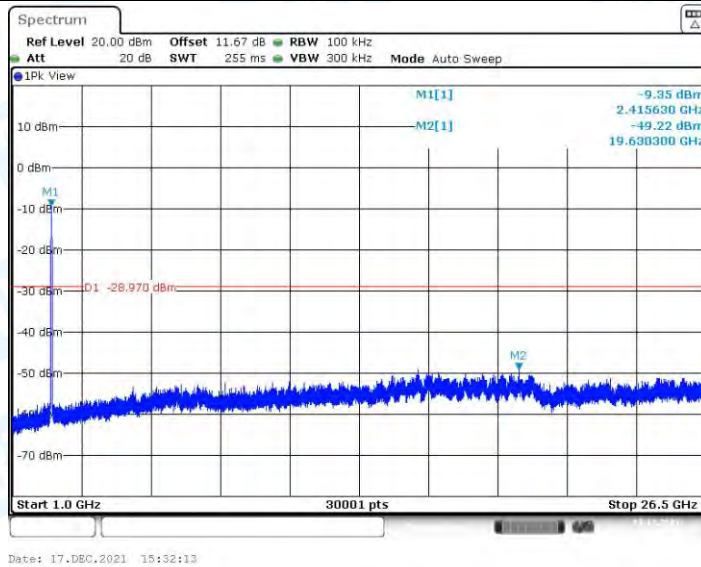
11N40MIMO_Ant1_2422_1000~26500



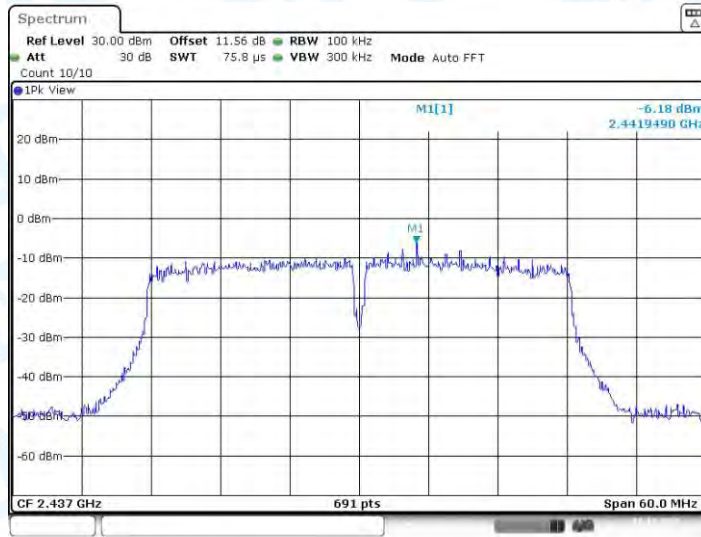
11N40MIMO_Ant2_2422_0~Reference



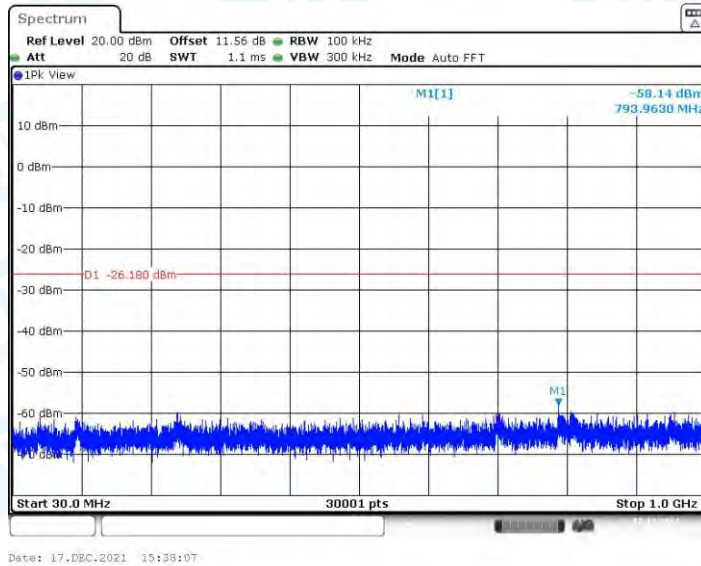
11N40MIMO_Ant2_2422_30~1000



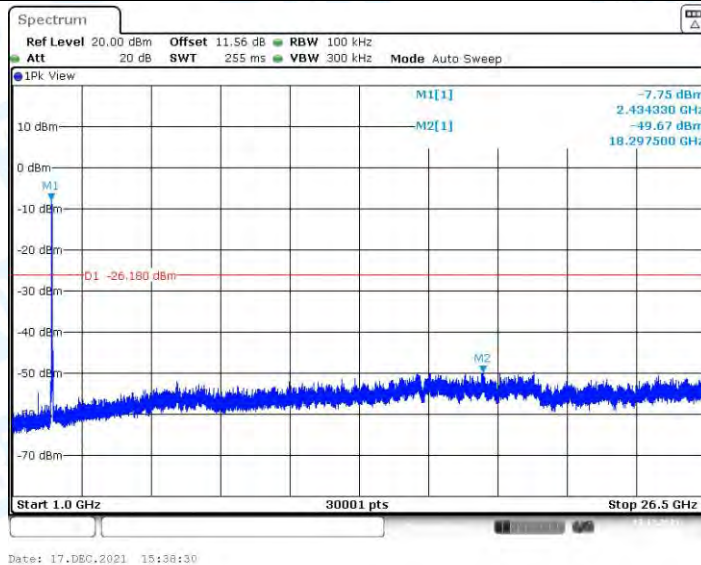
11N40MIMO_Ant2_2422_1000~26500



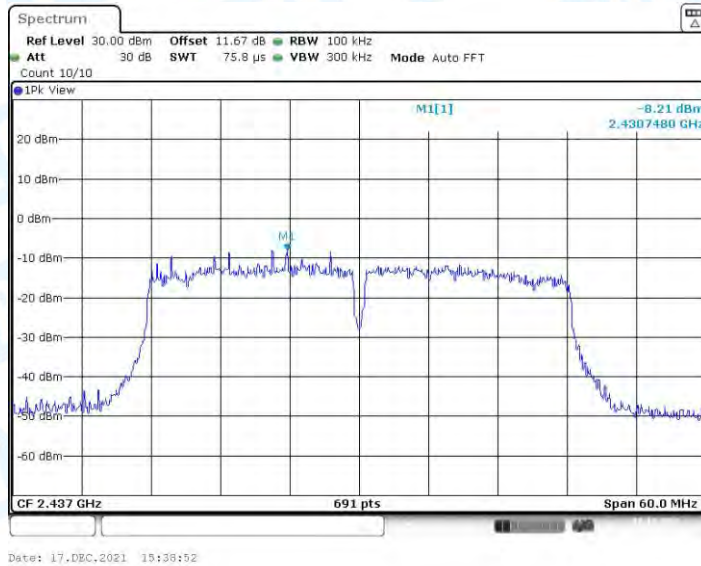
11N40MIMO_Ant1_2437_0~Reference



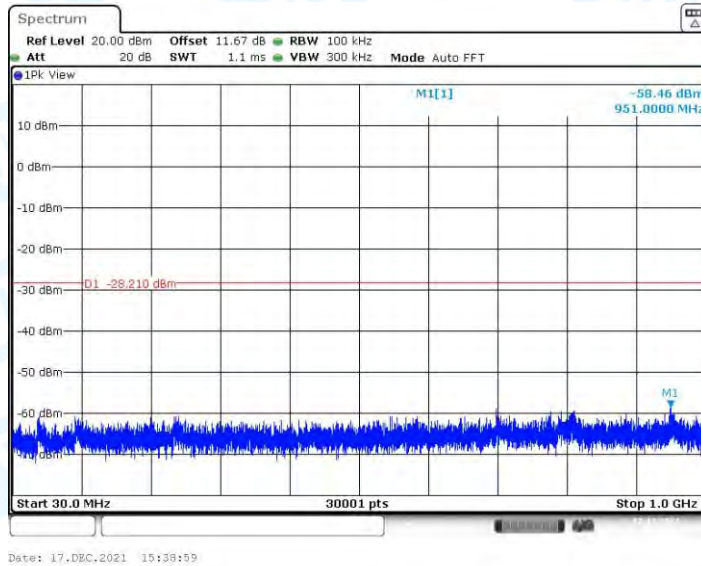
11N40MIMO_Ant1_2437_30~1000



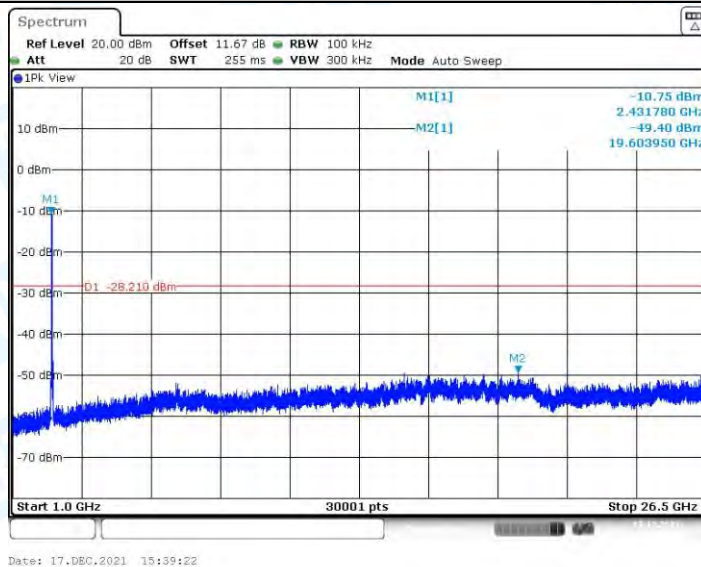
11N40MIMO_Ant1_2437_1000~26500



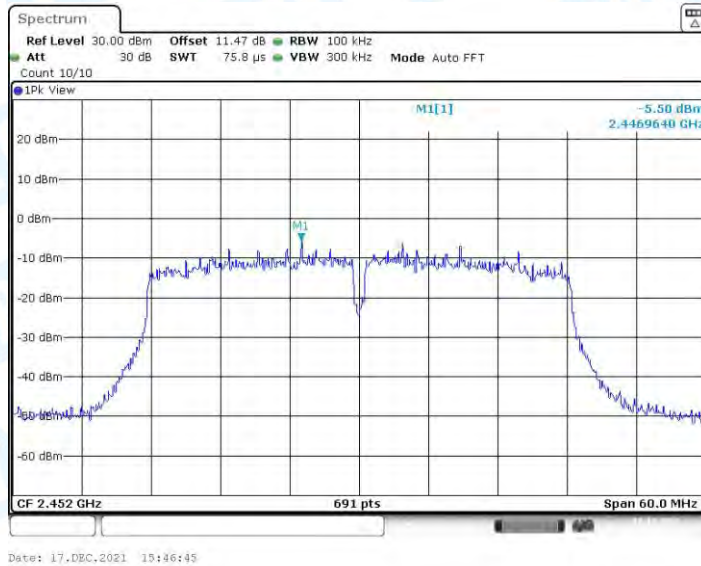
11N40MIMO_Ant2_2437_0~Reference



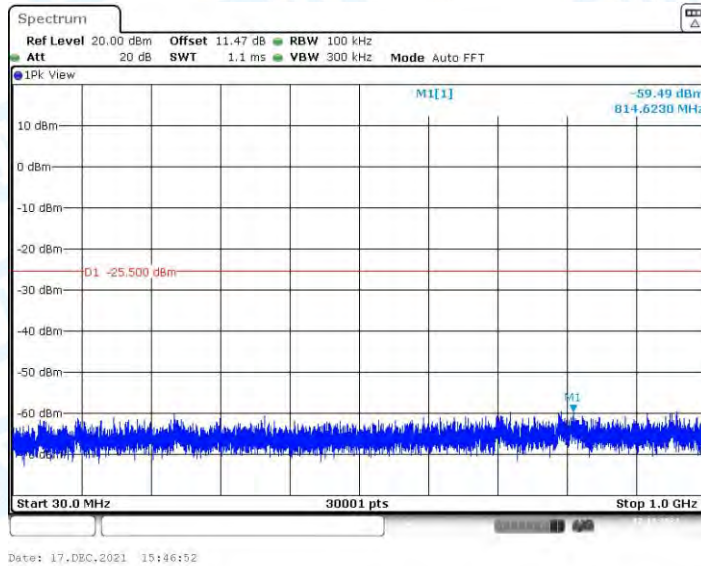
11N40MIMO_Ant2_2437_30~1000



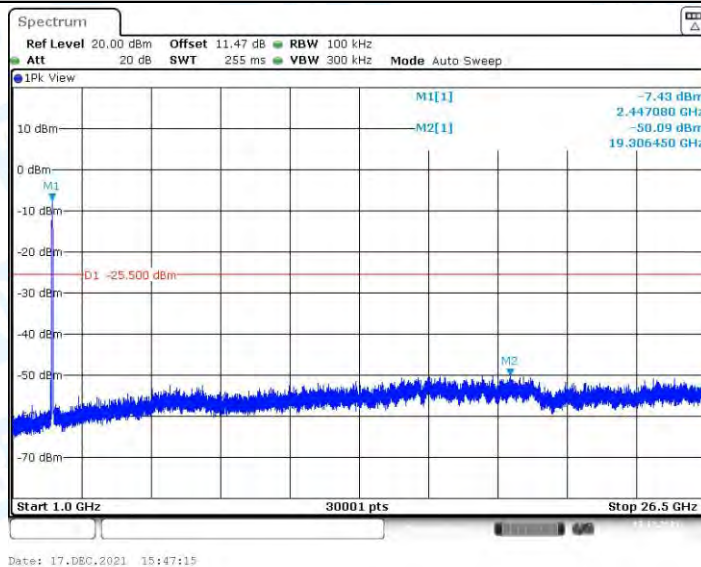
11N40MIMO_Ant2_2437_1000~26500



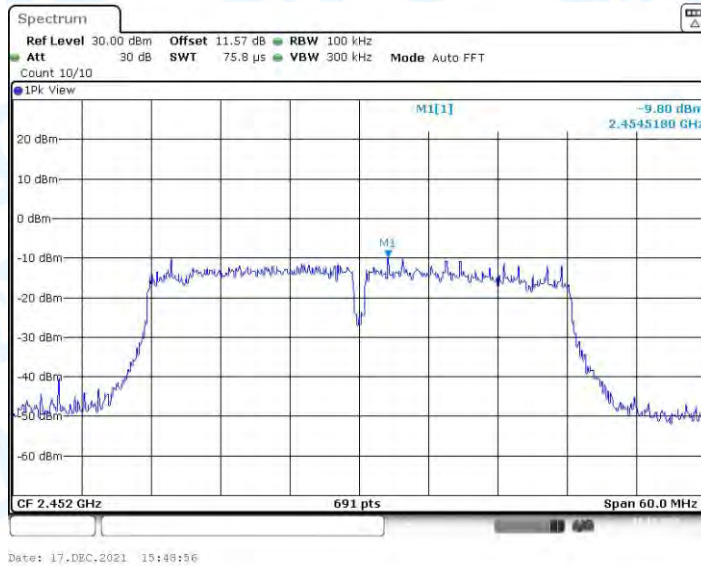
11N40MIMO_Ant1_2452_0~Reference



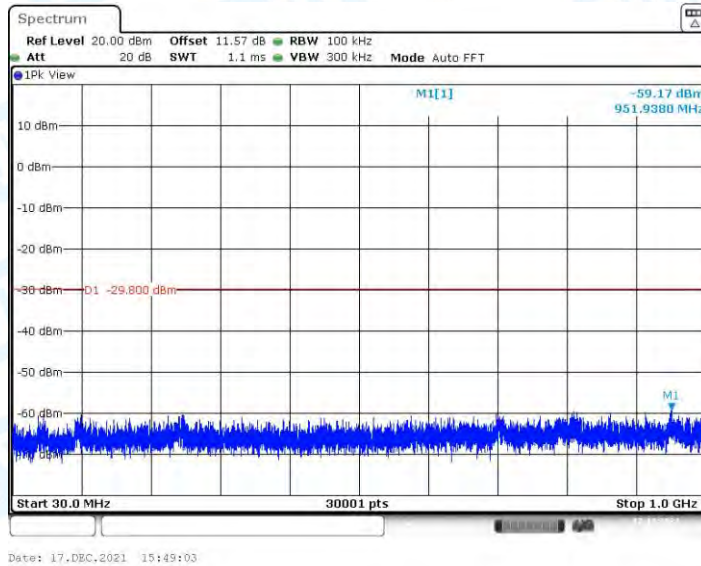
11N40MIMO_Ant1_2452_30~1000



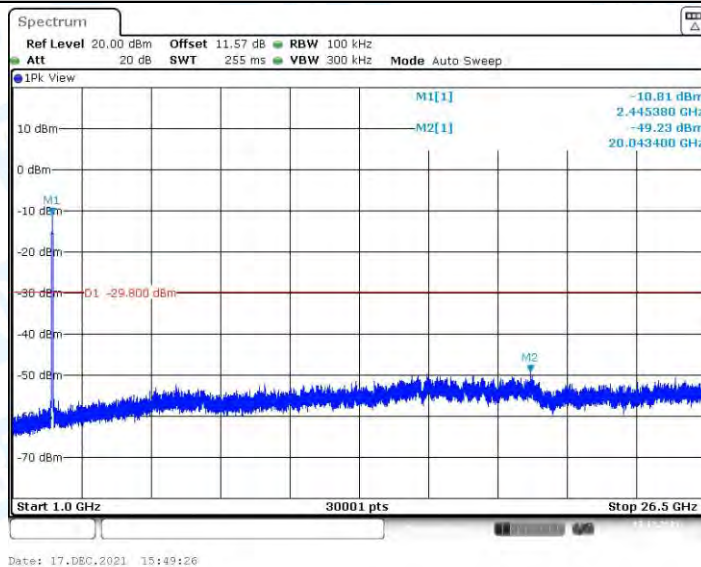
11N40MIMO_Ant1_2452_1000~26500



11N40MIMO_Ant2_2452_0~Reference



11N40MIMO_Ant2_2452_30~1000



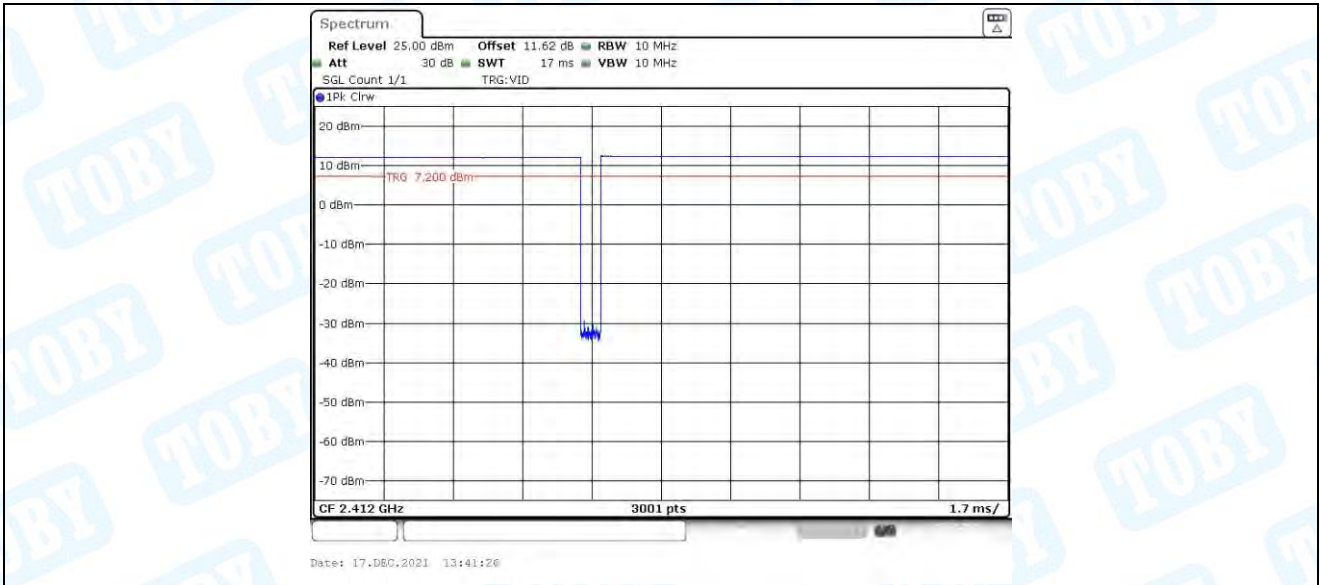
11N40MIMO_Ant2_2452_1000~26500

7. Duty Cycle

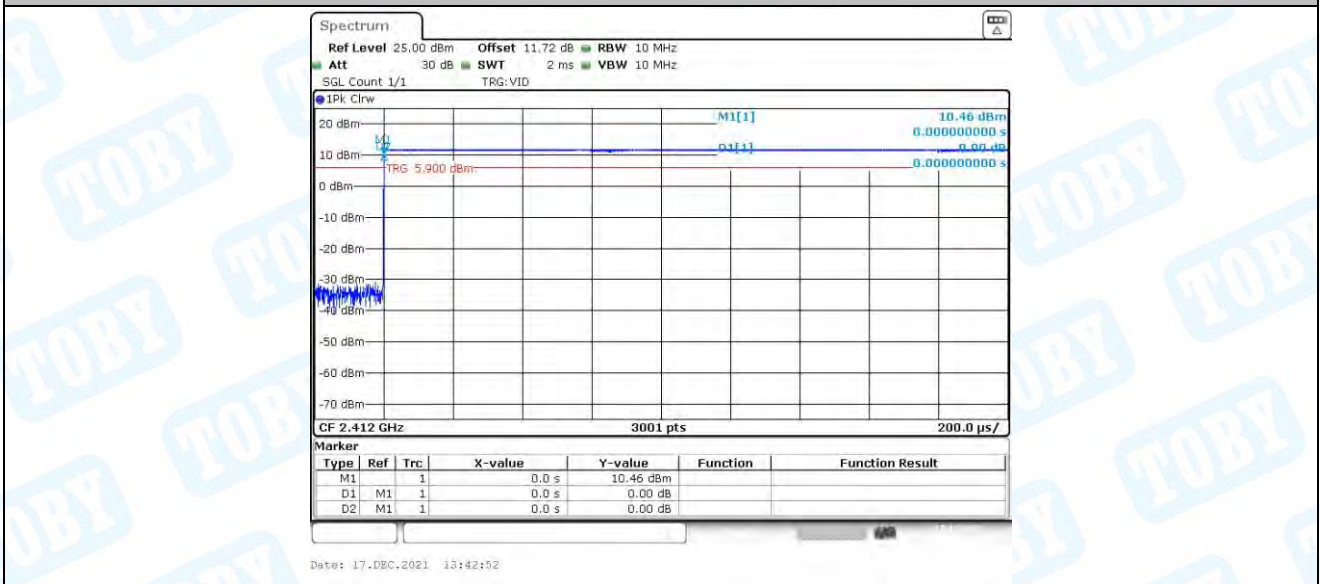
7.1. Test Result

Test Mode	Antenna	Channel	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	1/T [KHz]	Limit	Verdict
11B-CDD	Ant1	2412	2.00	2.00	100.00	0.5	---	PASS
	Ant2	2412	0.00	0.00	100	0	---	PASS
	Ant1	2437	0.00	0.00	100	0	---	PASS
	Ant2	2437	0.00	0.01	100	0	---	PASS
	Ant1	2462	12.18	12.68	96.06	0.082	---	PASS
	Ant2	2462	12.19	12.69	96.06	0.082	---	PASS
11G-CDD	Ant1	2412	2.02	2.52	80.16	0.495	---	PASS
	Ant2	2412	2.02	2.52	80.16	0.495	---	PASS
	Ant1	2437	2.03	2.53	80.24	0.493	---	PASS
	Ant2	2437	2.02	2.52	80.16	0.495	---	PASS
	Ant1	2462	2.02	2.52	80.16	0.495	---	PASS
	Ant2	2462	2.03	2.53	80.24	0.493	---	PASS
11N20MIMO	Ant1	2412	1.88	2.38	78.99	0.532	---	PASS
	Ant2	2412	1.88	2.38	78.99	0.532	---	PASS
	Ant1	2437	1.88	2.39	78.66	0.532	---	PASS
	Ant2	2437	1.89	2.39	79.08	0.529	---	PASS
	Ant1	2462	1.88	2.38	78.99	0.532	---	PASS
	Ant2	2462	1.88	2.38	78.99	0.532	---	PASS
11N40MIMO	Ant1	2422	0.92	1.43	64.34	1.087	---	PASS
	Ant2	2422	0.93	1.43	65.03	1.075	---	PASS
	Ant1	2437	0.92	1.42	64.79	1.087	---	PASS
	Ant2	2437	0.93	1.43	65.03	1.075	---	PASS
	Ant1	2452	0.93	1.43	65.03	1.075	---	PASS
	Ant2	2452	0.93	1.43	65.03	1.075	---	PASS

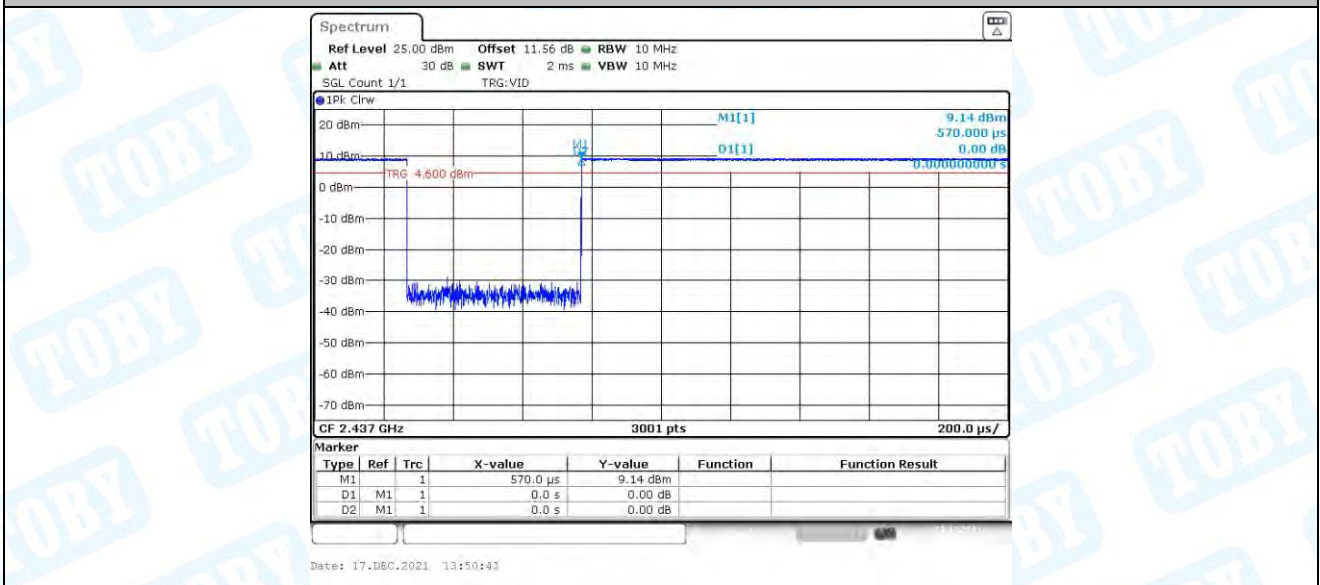
7.2. Test Graphs



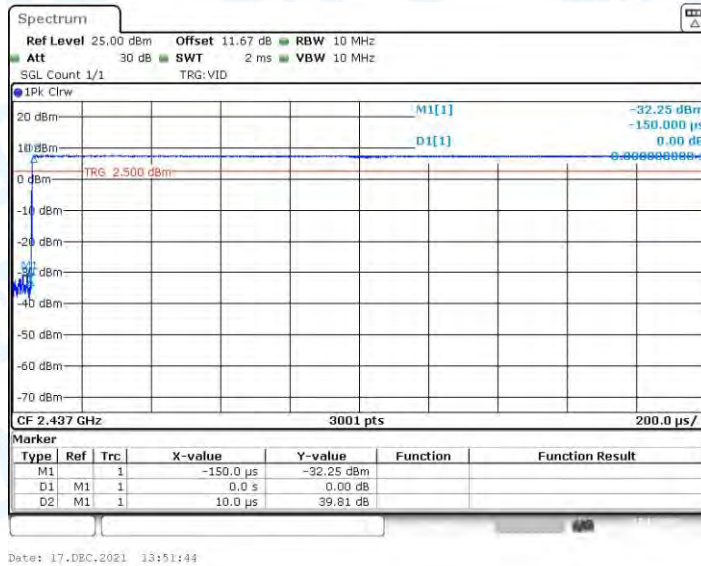
11B-CDD_Ant1_2412



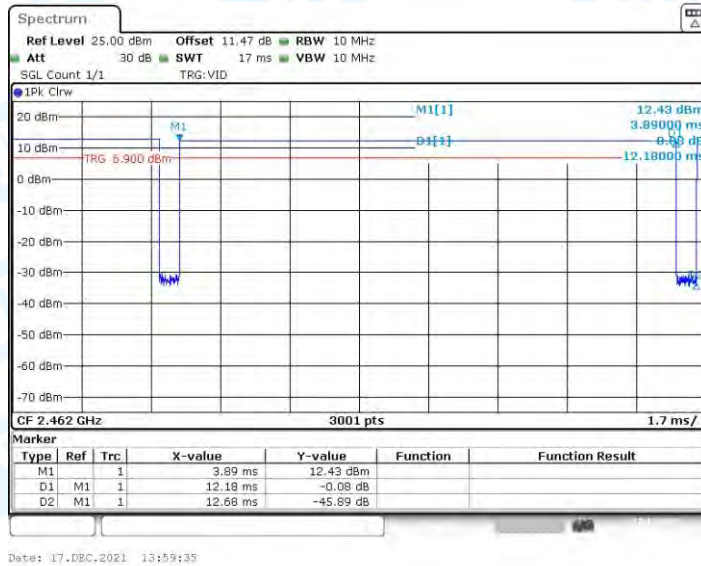
11B-CDD_Ant2_2412



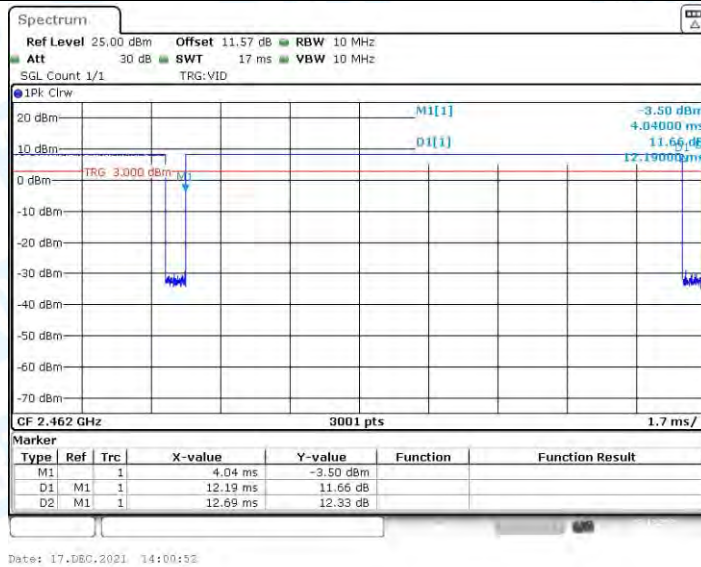
11B-CDD_Ant1_2437



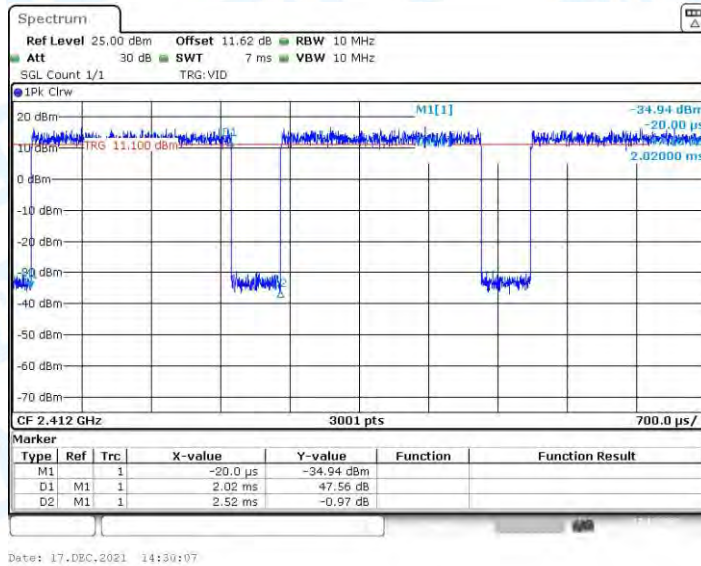
11B-CDD_Ant2_2437



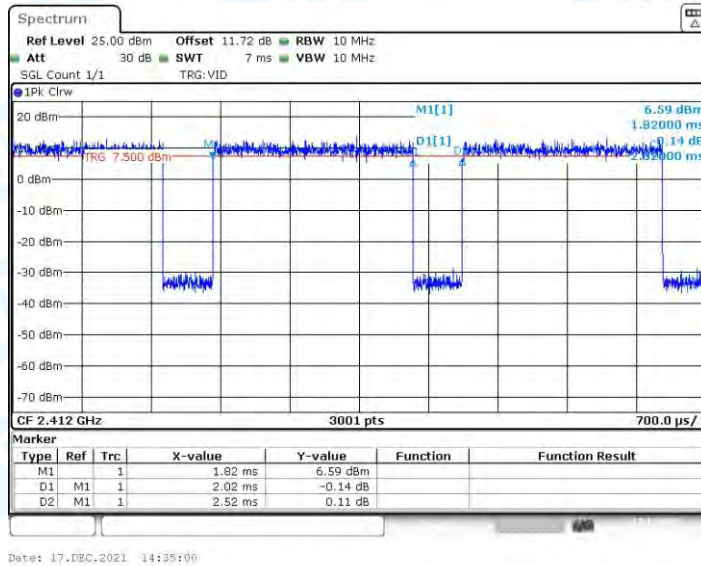
11B-CDD_Ant1_2462



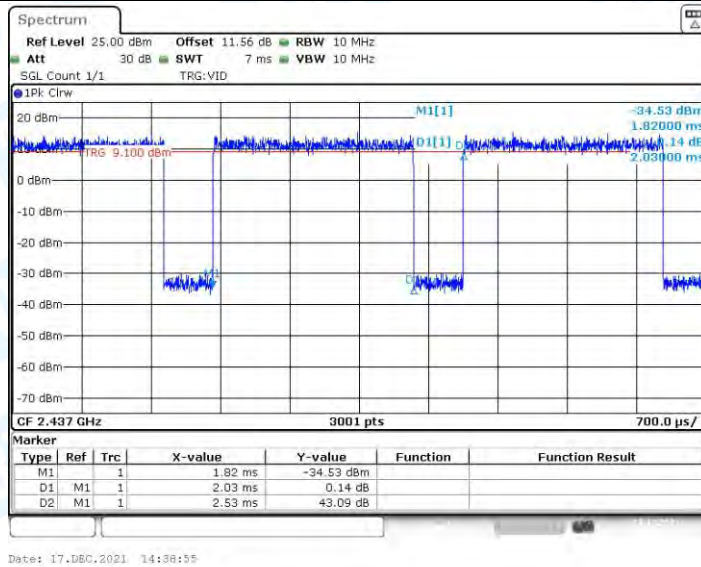
11B-CDD_Ant2_2462



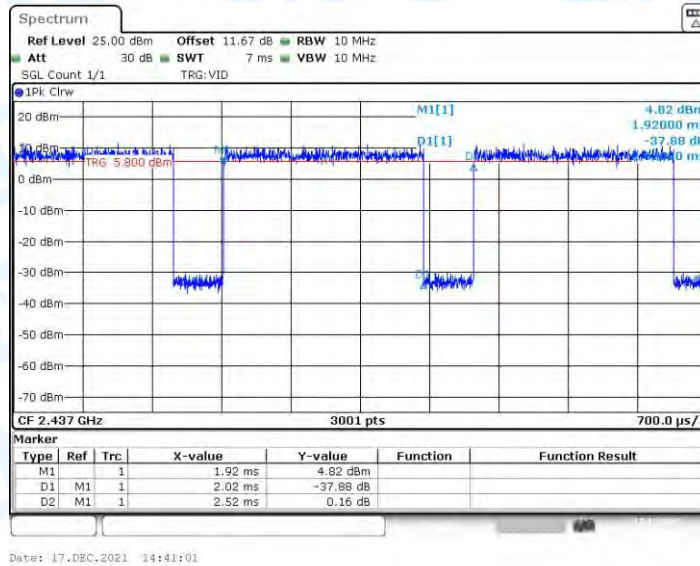
11G-CDD_Ant1_2412



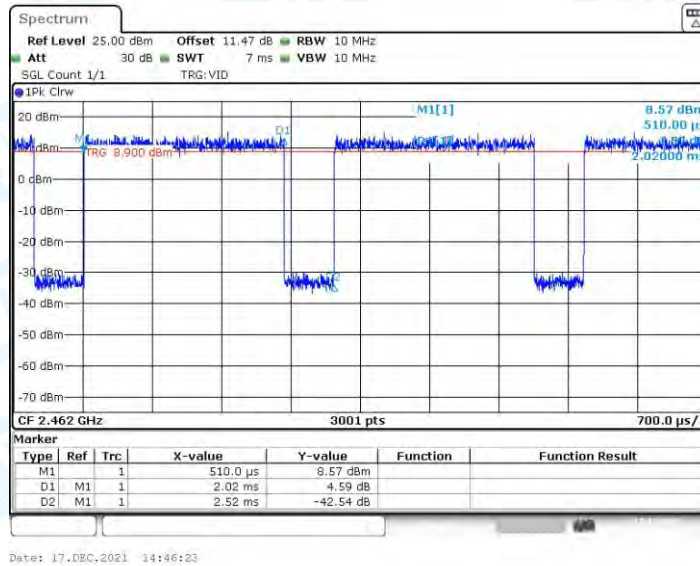
11G-CDD_Ant2_2412



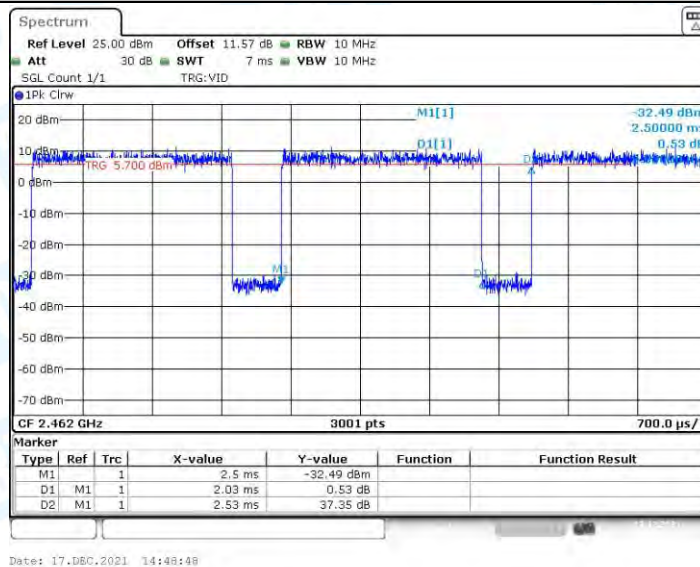
11G-CDD_Ant1_2437



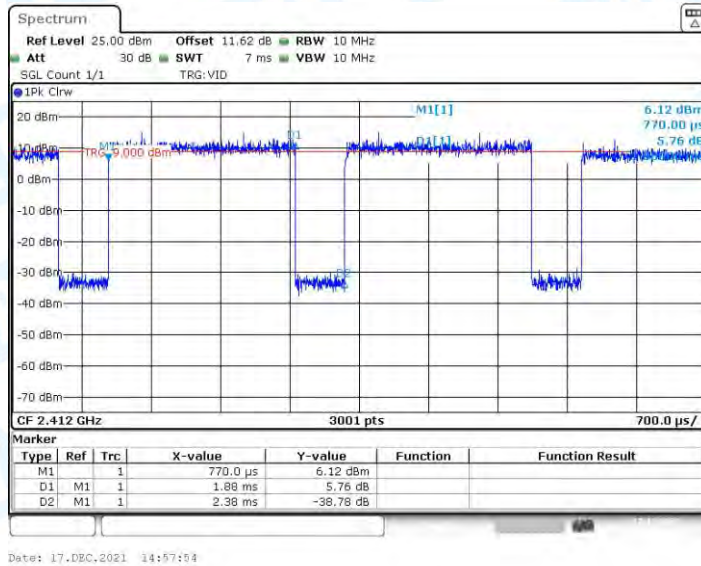
11G-CDD_Ant2_2437



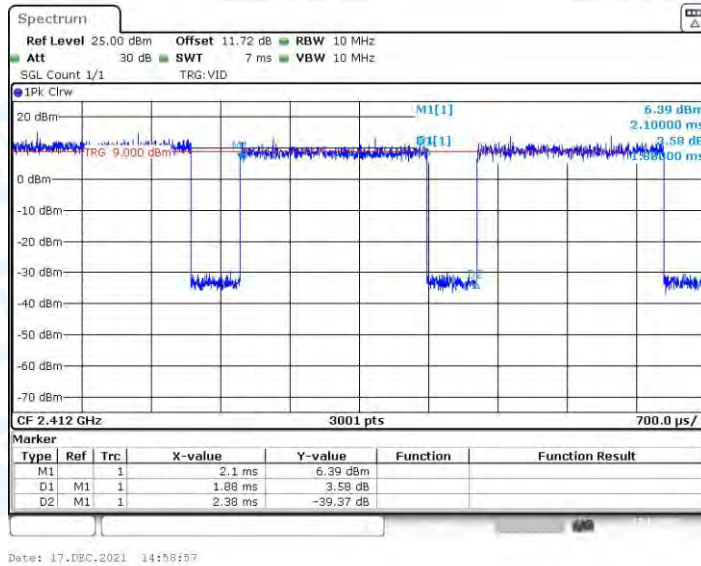
11G-CDD_Ant1_2462



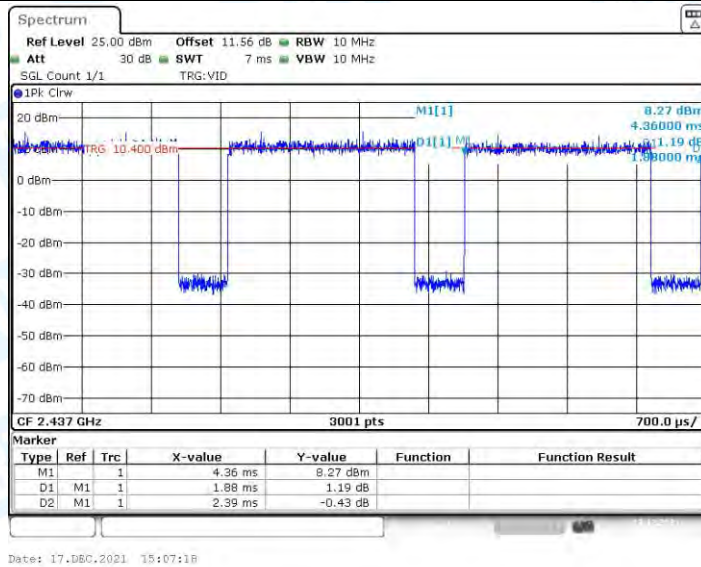
11G-CDD_Ant2_2462



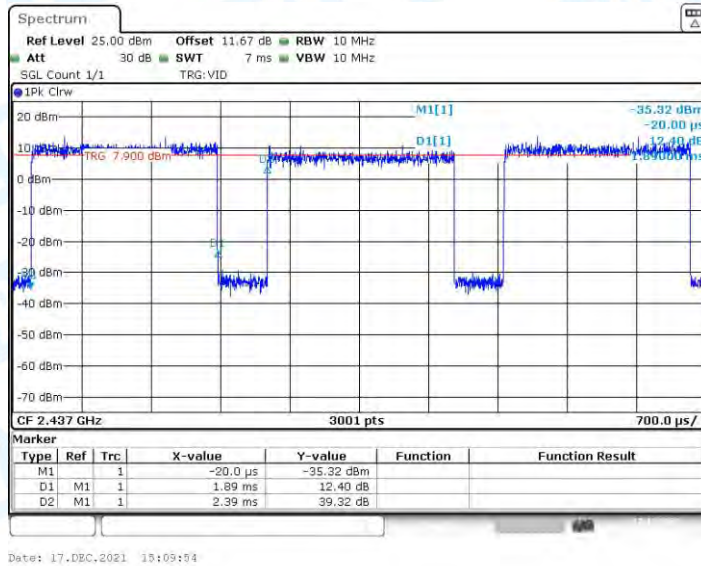
11N20MIMO_Ant1_2412



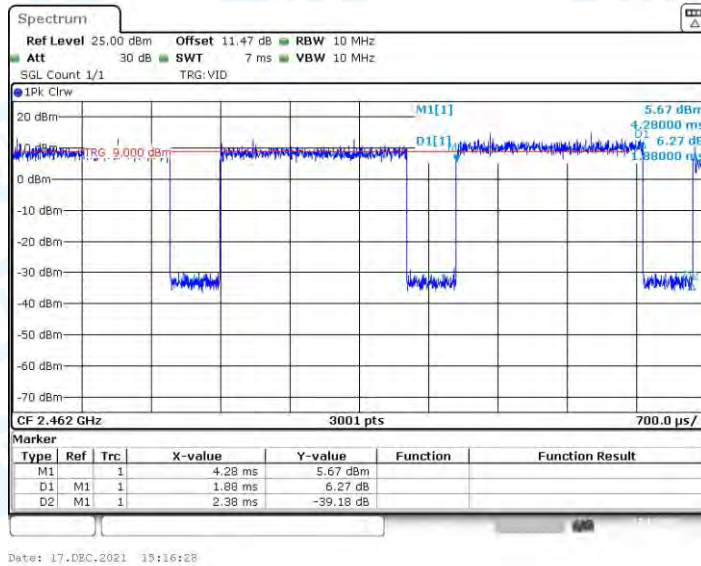
11N20MIMO_Ant2_2412



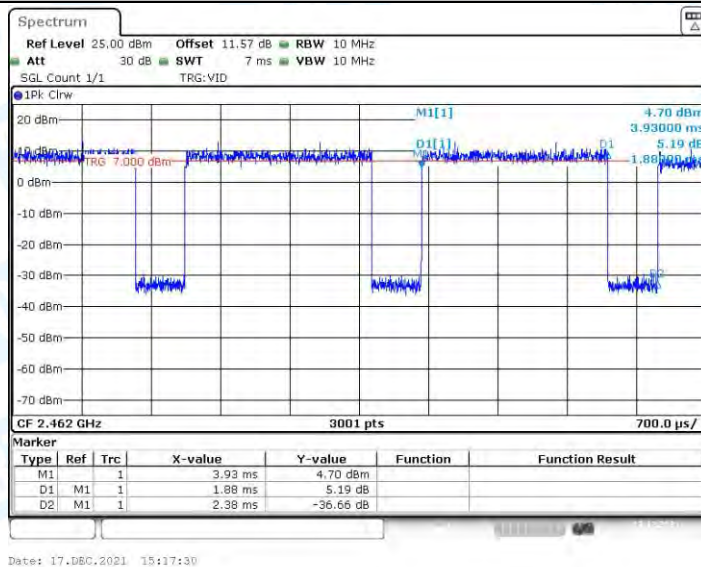
11N20MIMO_Ant1_2437



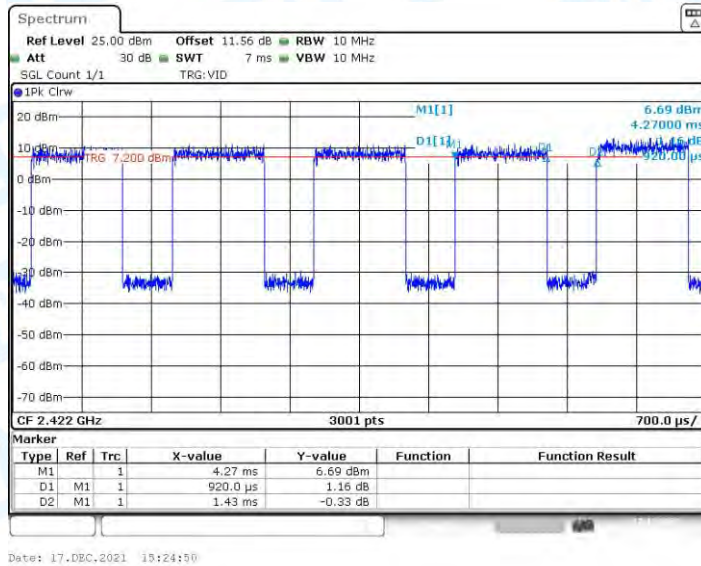
11N20MIMO_Ant2_2437



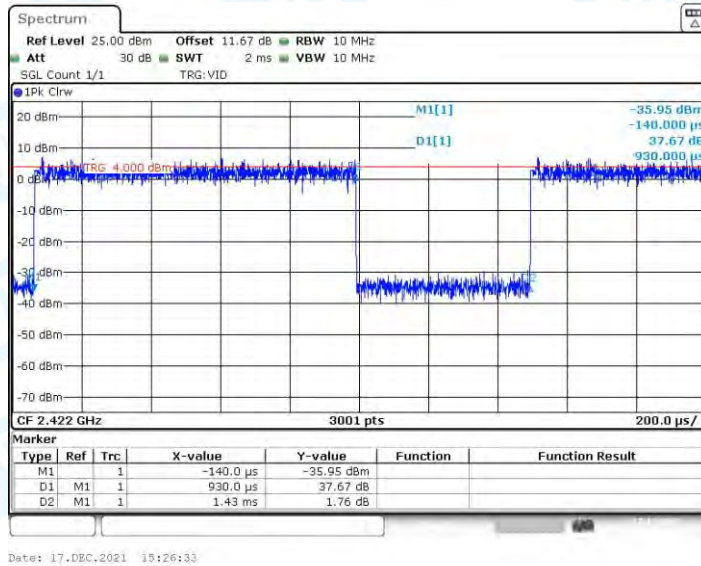
11N20MIMO_Ant1_2462



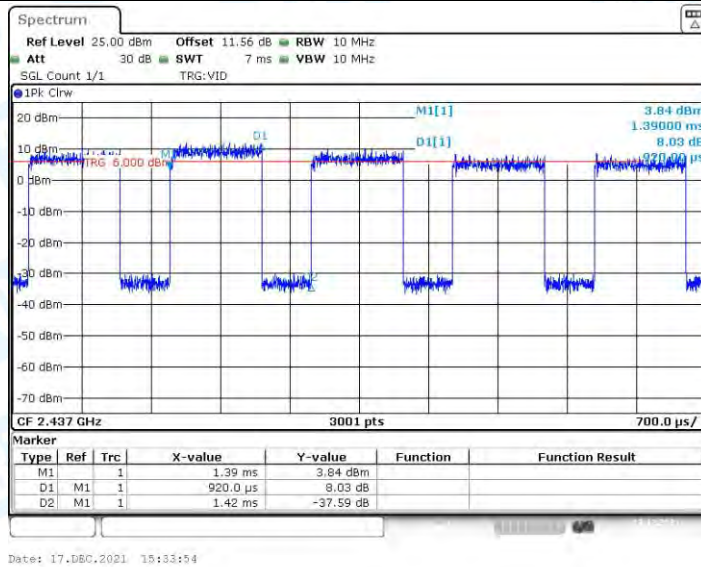
11N20MIMO_Ant2_2462



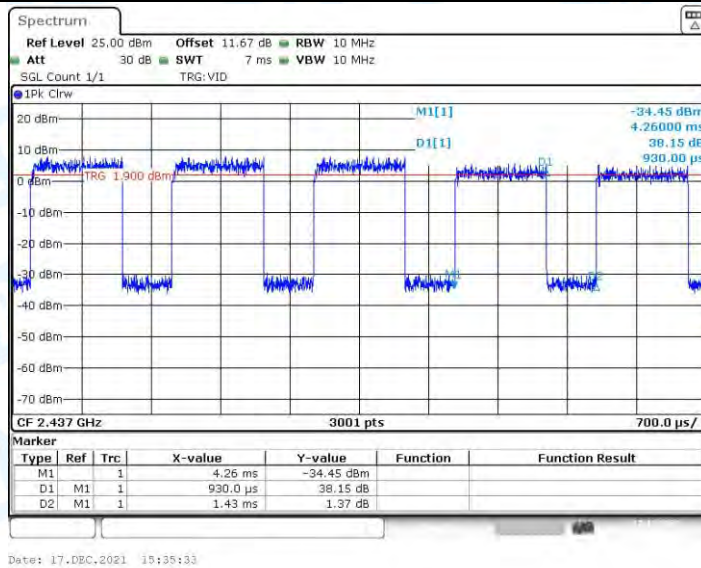
11N40MIMO_Ant1_2422



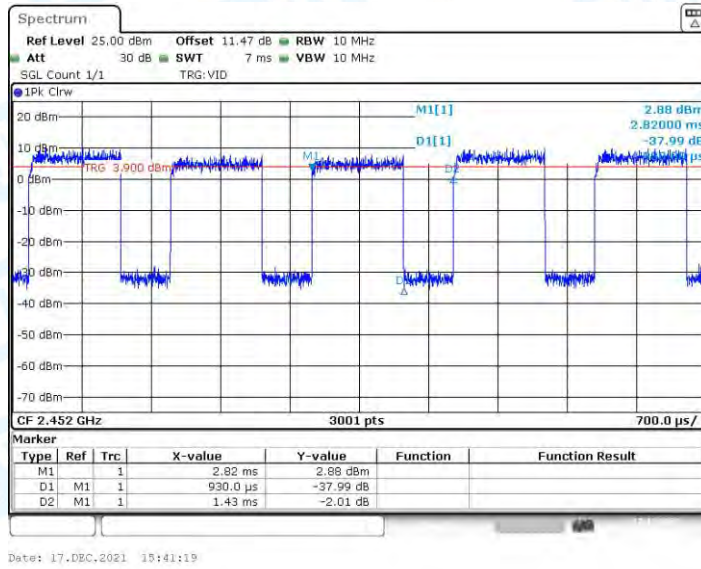
11N40MIMO_Ant2_2422



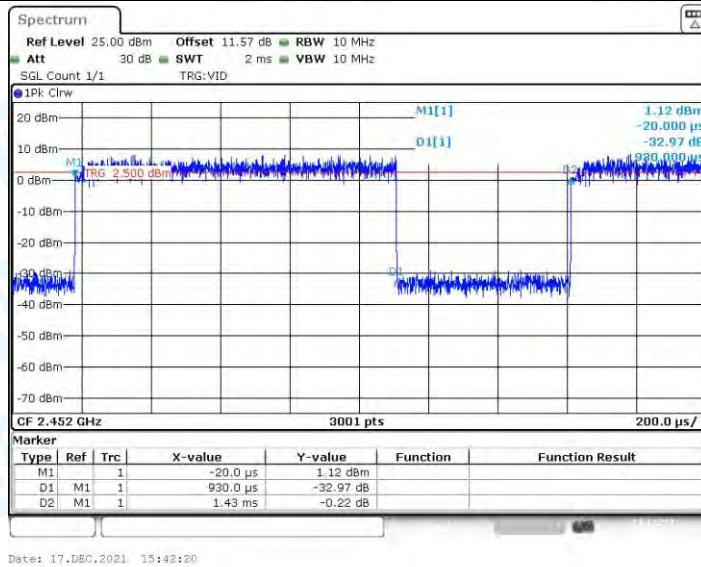
11N40MIMO_Ant1_2437



11N40MIMO_Ant2_2437



11N40MIMO_Ant1_2452



11N40MIMO_Ant2_2452

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	-50.3	≤-41.20	PASS
				AV	2339.754	-48.04	≤-41.20	PASS
				AV	2390.000	-50.04	≤-41.20	PASS
				Peak	2310.000	-38.88	≤-21.20	PASS
				Peak	2341.826	-36.16	≤-21.20	PASS
				Peak	2390.000	-38.64	≤-21.20	PASS
	Ant2	Low	2412	AV	2310.000	-50.15	≤-41.20	PASS
				AV	2340.130	-47.92	≤-41.20	PASS
				AV	2390.000	-49.46	≤-41.20	PASS
				Peak	2310.000	-38.95	≤-21.20	PASS
				Peak	2340.696	-35.16	≤-21.20	PASS
				Peak	2390.000	-38.02	≤-21.20	PASS
	total	Low	2412	AV	2310.000	-47.21	≤-41.20	PASS
				AV	2340.130	-44.97	≤-41.20	PASS
				AV	2390.000	-46.73	≤-41.20	PASS
				Peak	2310.000	-35.90	≤-21.20	PASS
				Peak	2340.696	-32.62	≤-21.20	PASS
				Peak	2390.000	-35.31	≤-21.20	PASS
	Ant1	High	2462	AV	2483.500	-49.01	≤-41.20	PASS
				AV	2495.478	-48.88	≤-41.20	PASS
				AV	2500.000	-49.35	≤-41.20	PASS
				Peak	2483.500	-38.13	≤-21.20	PASS
				Peak	2497.072	-35.64	≤-21.20	PASS
				Peak	2500.000	-37.69	≤-21.20	PASS
Ant2		High	2462	AV	2483.500	-48.84	≤-41.20	PASS
				AV	2495.638	-48.73	≤-41.20	PASS
				AV	2500.000	-49.35	≤-41.20	PASS
				Peak	2483.500	-37	≤-21.20	PASS
				Peak	2497.391	-36.12	≤-21.20	PASS
				Peak	2500.000	-39.28	≤-21.20	PASS
total	High	2462	AV	2483.500	-45.91	≤-41.20	PASS	
			AV	2495.638	-45.79	≤-41.20	PASS	
			AV	2500.000	-46.34	≤-41.20	PASS	
			Peak	2483.500	-34.52	≤-21.20	PASS	
			Peak	2497.391	-32.86	≤-21.20	PASS	
			Peak	2500.000	-35.40	≤-21.20	PASS	
11G-CDD	Ant1	Low	2412	AV	2310.000	-49.92	≤-41.20	PASS
				AV	2340.319	-47.48	≤-41.20	PASS
				AV	2390.000	-49.63	≤-41.20	PASS
				Peak	2310.000	-38.7	≤-21.20	PASS
				Peak	2339.754	-35.91	≤-21.20	PASS

	Ant2	Low	2412	Peak	2390.000	-38.18	≤-21.20	PASS
				AV	2310.000	-49.62	≤-41.20	PASS
				AV	2340.130	-47.32	≤-41.20	PASS
				AV	2390.000	-48.73	≤-41.20	PASS
				Peak	2310.000	-39.31	≤-21.20	PASS
				Peak	2341.638	-35.85	≤-21.20	PASS
				Peak	2390.000	-37.36	≤-21.20	PASS
	total	Low	2412	AV	2310.000	-46.76	≤-41.20	PASS
				AV	2340.130	-44.39	≤-41.20	PASS
				AV	2390.000	-46.15	≤-41.20	PASS
				Peak	2310.000	-35.98	≤-21.20	PASS
				Peak	2341.638	-32.87	≤-21.20	PASS
				Peak	2390.000	-34.74	≤-21.20	PASS
	Ant1	High	2462	AV	2483.500	-48.83	≤-41.20	PASS
				AV	2495.797	-48.63	≤-41.20	PASS
				AV	2500.000	-49.12	≤-41.20	PASS
				Peak	2483.500	-37.1	≤-21.20	PASS
				Peak	2496.754	-37.04	≤-21.20	PASS
				Peak	2500.000	-39.24	≤-21.20	PASS
	Ant2	High	2462	AV	2483.500	-48.69	≤-41.20	PASS
				AV	2495.478	-48.49	≤-41.20	PASS
				AV	2500.000	-49	≤-41.20	PASS
				Peak	2483.500	-38.33	≤-21.20	PASS
				Peak	2495.638	-36.5	≤-21.20	PASS
Peak				2500.000	-38.65	≤-21.20	PASS	
total	High	2462	AV	2483.500	-45.75	≤-41.20	PASS	
			AV	2495.478	-45.55	≤-41.20	PASS	
			AV	2500.000	-46.05	≤-41.20	PASS	
			Peak	2483.500	-34.66	≤-21.20	PASS	
			Peak	2495.638	-33.75	≤-21.20	PASS	
			Peak	2500.000	-35.92	≤-21.20	PASS	
11N20MIM O	Ant1	Low	2412	AV	2310.000	-49.53	≤-41.20	PASS
				AV	2340.696	-47.2	≤-41.20	PASS
				AV	2390.000	-49.09	≤-41.20	PASS
				Peak	2310.000	-38.75	≤-21.20	PASS
				Peak	2340.130	-35.61	≤-21.20	PASS
				Peak	2390.000	-39.05	≤-21.20	PASS
	Ant2	Low	2412	AV	2310.000	-49.63	≤-41.20	PASS
				AV	2340.319	-47.15	≤-41.20	PASS
				AV	2390.000	-48.06	≤-41.20	PASS
				Peak	2310.000	-39.58	≤-21.20	PASS
				Peak	2389.870	-35.76	≤-21.20	PASS
				Peak	2390.000	-35.4	≤-21.20	PASS
	total	Low	2412	AV	2310.000	-46.57	≤-41.20	PASS
				AV	2340.319	-44.16	≤-41.20	PASS
				AV	2390.000	-45.53	≤-41.20	PASS

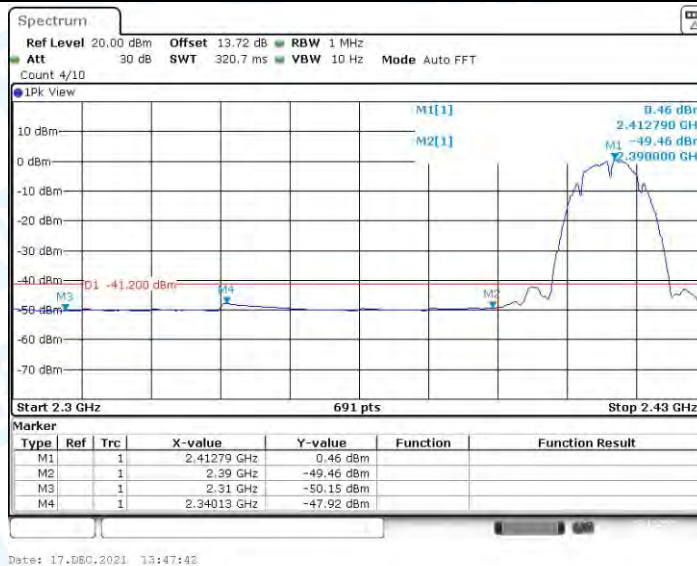
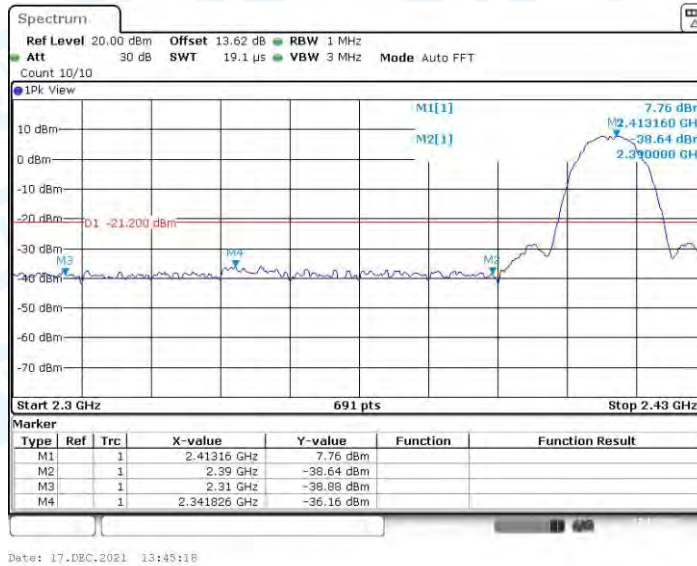
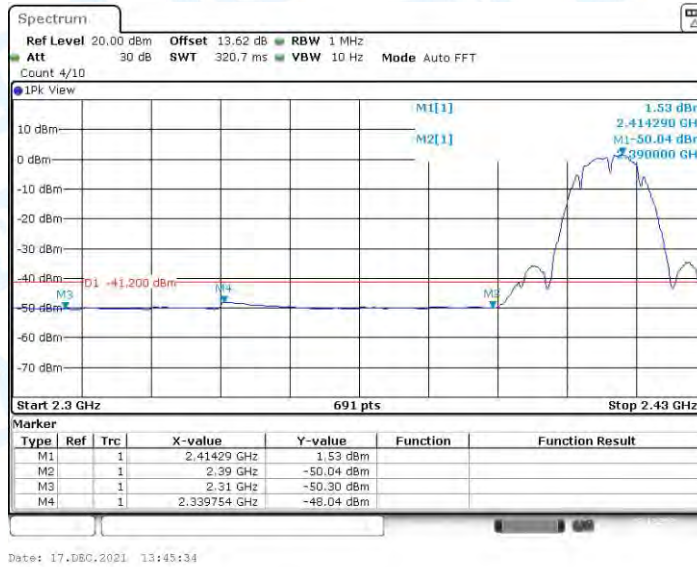
	Ant1	High	2462	Peak	2310.000	-36.13	≤-21.20	PASS
				Peak	2389.870	-32.67	≤-21.20	PASS
				Peak	2390.000	-33.84	≤-21.20	PASS
				AV	2483.500	-48.33	≤-41.20	PASS
				AV	2496.116	-48.24	≤-41.20	PASS
				AV	2500.000	-48.93	≤-41.20	PASS
				Peak	2483.500	-36.74	≤-21.20	PASS
				Peak	2487.188	-36.48	≤-21.20	PASS
				Peak	2500.000	-38.86	≤-21.20	PASS
	Ant2	High	2462	AV	2483.500	-48.3	≤-41.20	PASS
				AV	2496.275	-48.2	≤-41.20	PASS
				AV	2500.000	-48.87	≤-41.20	PASS
				Peak	2483.500	-37.57	≤-21.20	PASS
				Peak	2499.145	-35.72	≤-21.20	PASS
	total	High	2462	Peak	2500.000	-38.32	≤-21.20	PASS
				AV	2483.500	-45.30	≤-41.20	PASS
				AV	2496.275	-45.21	≤-41.20	PASS
				AV	2500.000	-45.89	≤-41.20	PASS
Peak				2483.500	-34.12	≤-21.20	PASS	
11N40MIM O	Ant1	Low	2422	Peak	2499.145	-33.07	≤-21.20	PASS
				Peak	2500.000	-35.57	≤-21.20	PASS
				AV	2310.000	-49.34	≤-41.20	PASS
				AV	2340.319	-46.71	≤-41.20	PASS
				AV	2390.000	-48.71	≤-41.20	PASS
				Peak	2310.000	-38	≤-21.20	PASS
	Ant2	Low	2422	Peak	2343.522	-35.47	≤-21.20	PASS
				Peak	2390.000	-39.2	≤-21.20	PASS
				AV	2310.000	-48.86	≤-41.20	PASS
				AV	2340.696	-46.69	≤-41.20	PASS
				AV	2390.000	-46.93	≤-41.20	PASS
				Peak	2310.000	-38.74	≤-21.20	PASS
	total	Low	2422	Peak	2389.304	-35.17	≤-21.20	PASS
				Peak	2390.000	-35.92	≤-21.20	PASS
				AV	2310.000	-46.08	≤-41.20	PASS
				AV	2340.696	-43.69	≤-41.20	PASS
				AV	2390.000	-44.72	≤-41.20	PASS
				Peak	2310.000	-35.34	≤-21.20	PASS
Ant1	High	2452	Peak	2389.304	-32.31	≤-21.20	PASS	
			Peak	2390.000	-34.25	≤-21.20	PASS	
			AV	2483.500	-46.59	≤-41.20	PASS	
			AV	2485.594	-46.38	≤-41.20	PASS	
			AV	2500.000	-48.42	≤-41.20	PASS	
			Peak	2483.500	-34.93	≤-21.20	PASS	
Ant2	High	2452	Peak	2485.275	-34.9	≤-21.20	PASS	
			Peak	2500.000	-38.03	≤-21.20	PASS	
				AV	2483.500	-46.92	≤-41.20	PASS

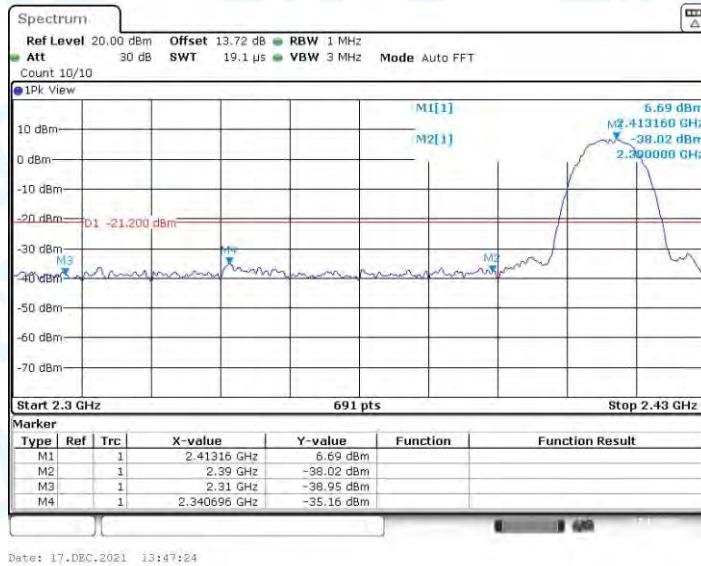
			AV	2484.638	-46.74	≤-41.20	PASS	
			AV	2500.000	-48.26	≤-41.20	PASS	
			Peak	2483.500	-37.45	≤-21.20	PASS	
			Peak	2484.797	-32.84	≤-21.20	PASS	
			Peak	2500.000	-37.6	≤-21.20	PASS	
	total	High	2452	AV	2483.500	-43.74	≤-41.20	PASS
AV				2484.638	-43.55	≤-41.20	PASS	
AV				2500.000	-45.33	≤-41.20	PASS	
Peak				2483.500	-33.00	≤-21.20	PASS	
Peak				2484.797	-30.74	≤-21.20	PASS	
Peak				2500.000	-34.80	≤-21.20	PASS	

Note:

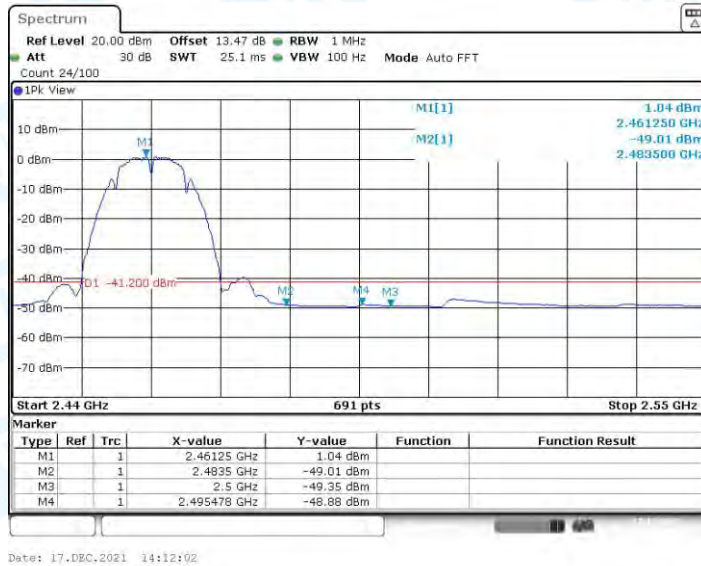
1. The Antenna Gain is compensated in the graph.
2. The limit in dBm for average detector is conversion from 54dBuV/m, according to 15.209(a) or RSS-Gen 8.10. The limit in dBm for peak detector is 20dB above the limit of average detector in dBm.

8.2. Test Graphs

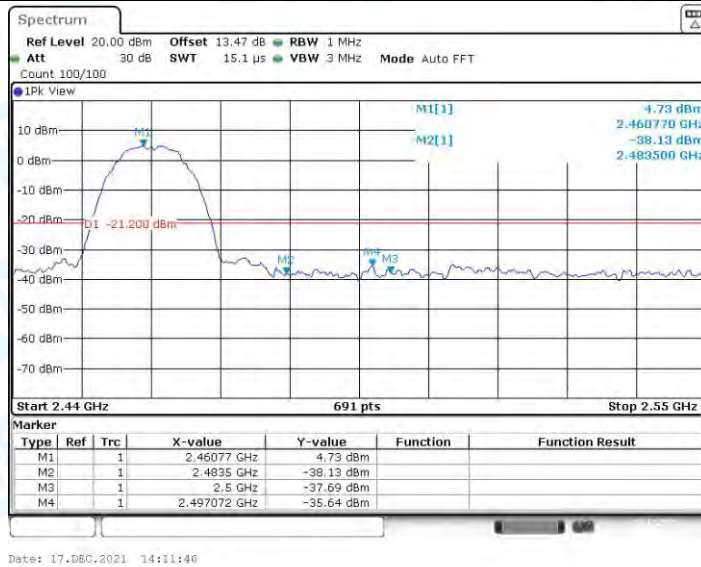




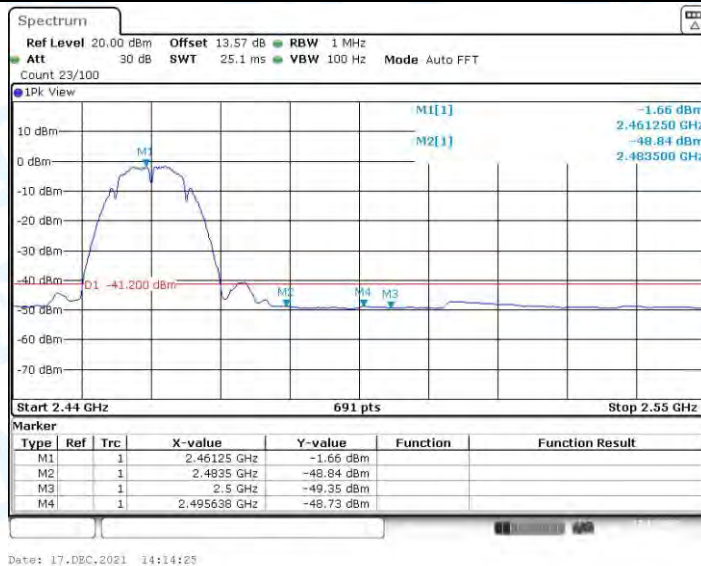
11B-CDD_Ant2_Low_2412_Peak



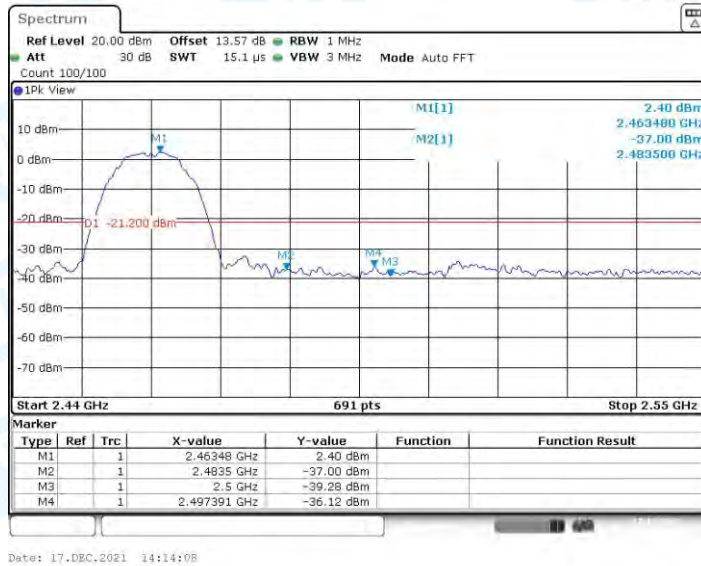
11B-CDD_Ant1_High_2462_AV



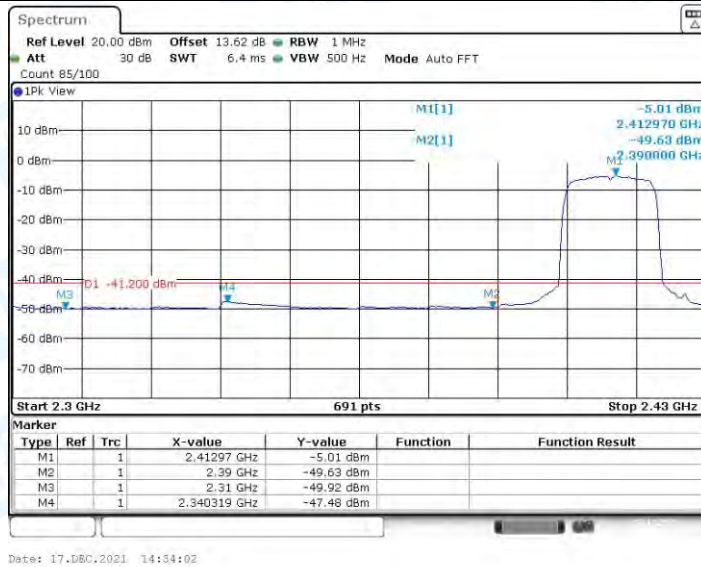
11B-CDD_Ant1_High_2462_Peak



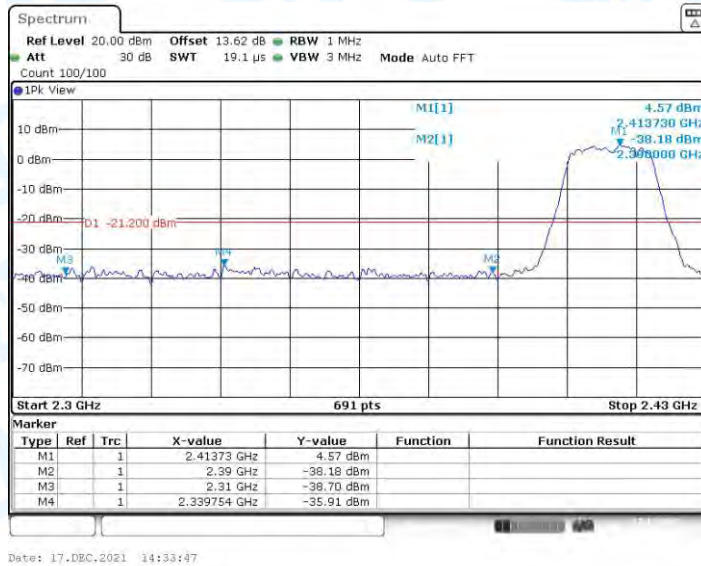
11B-CDD_Ant2_High_2462_AV



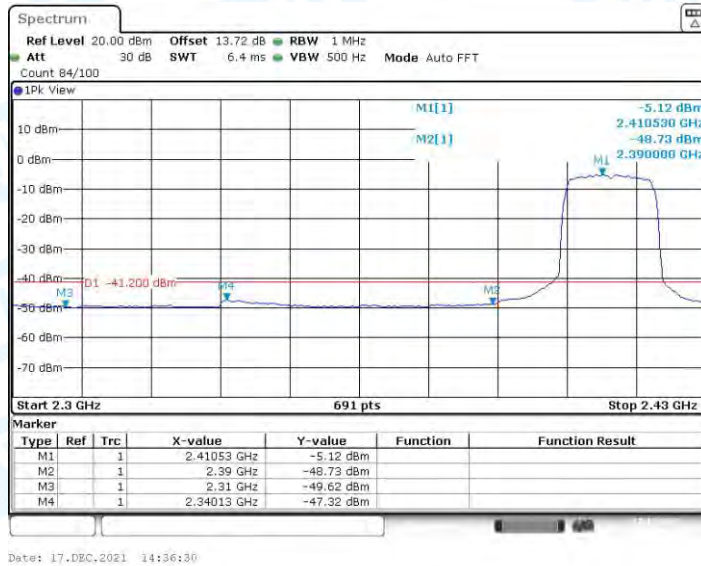
11B-CDD_Ant2_High_2462_Peak



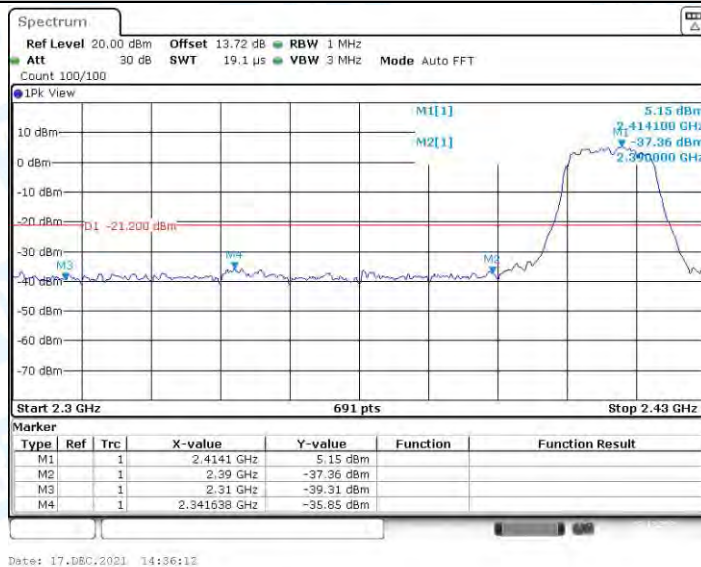
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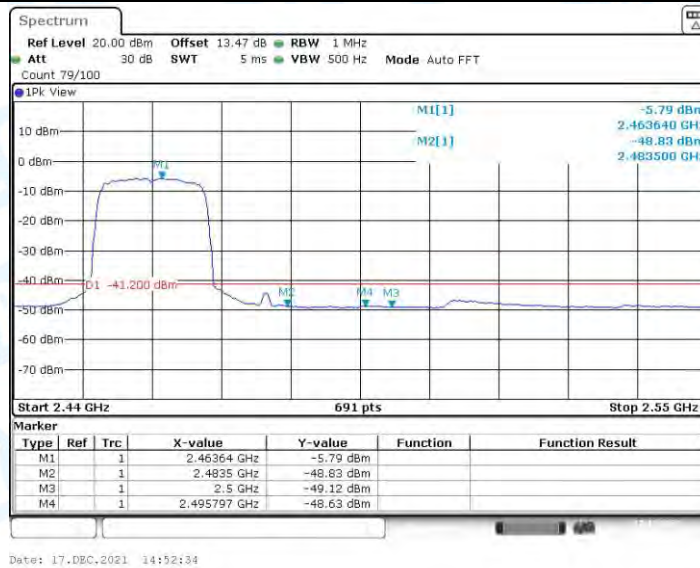
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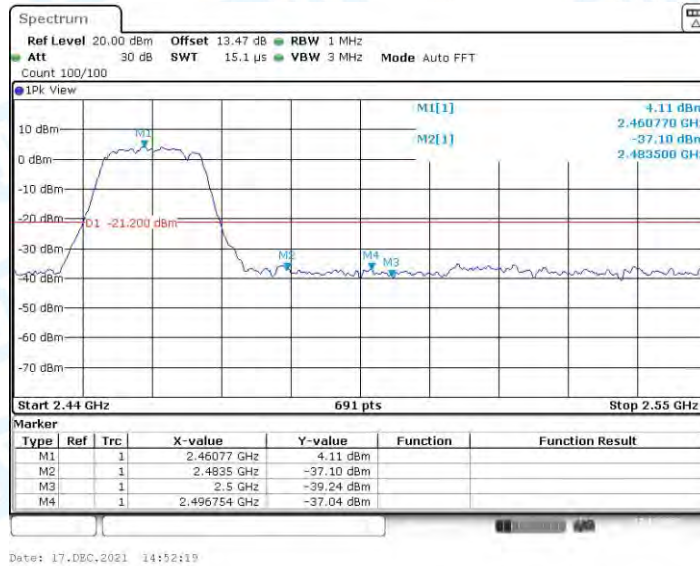
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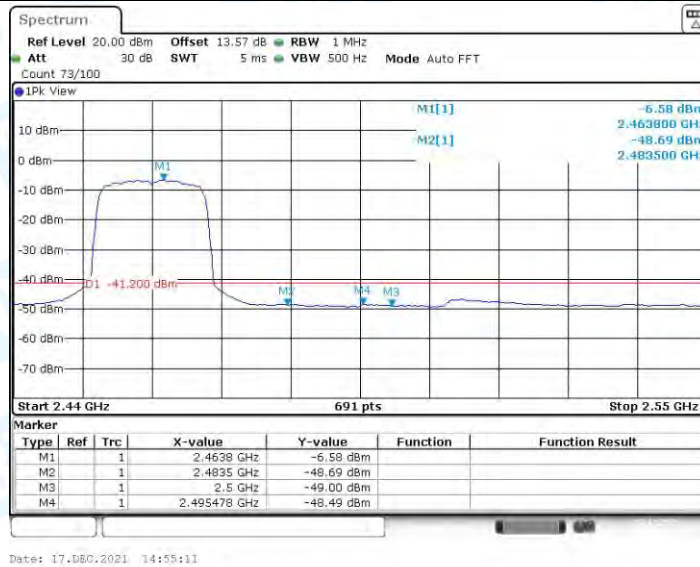
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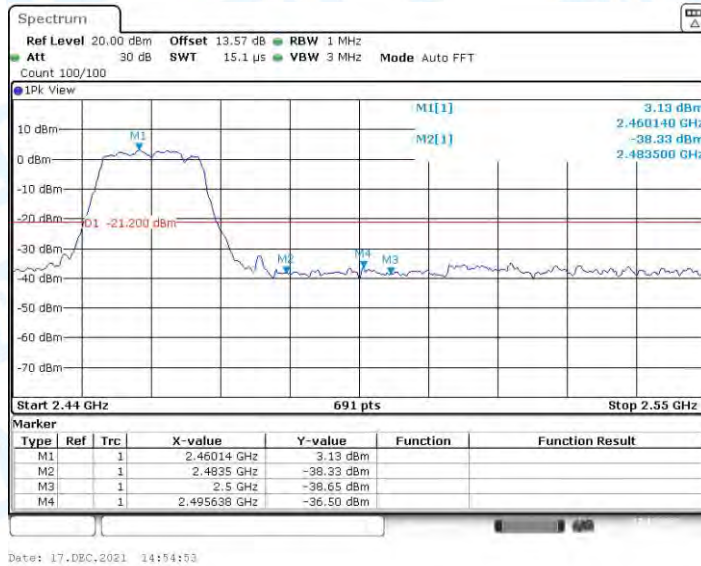
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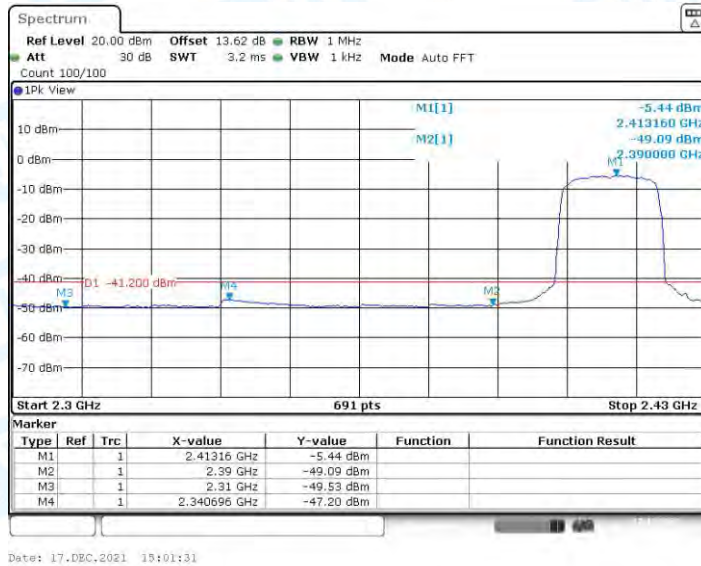
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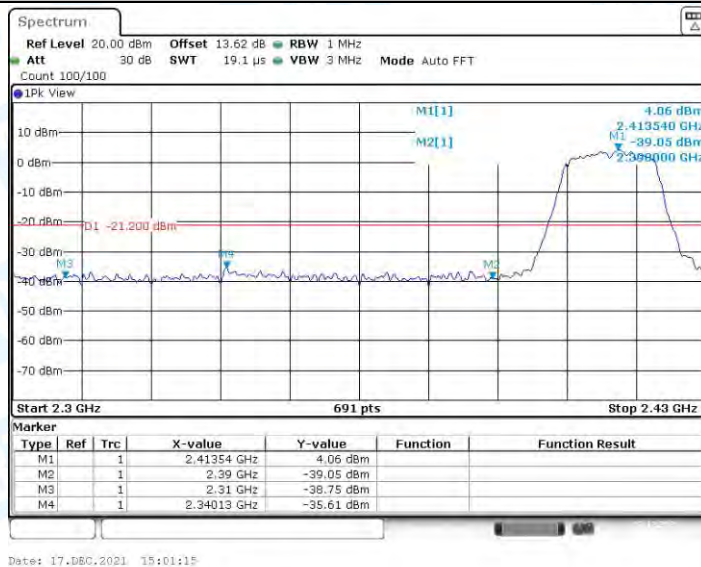
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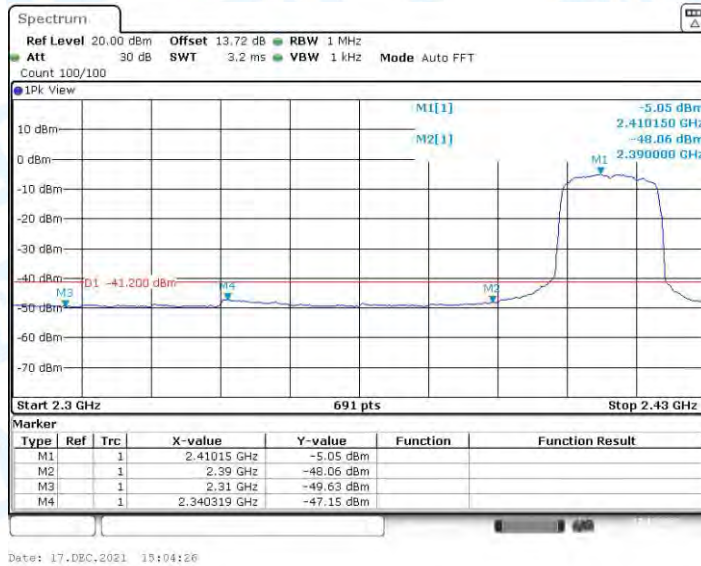
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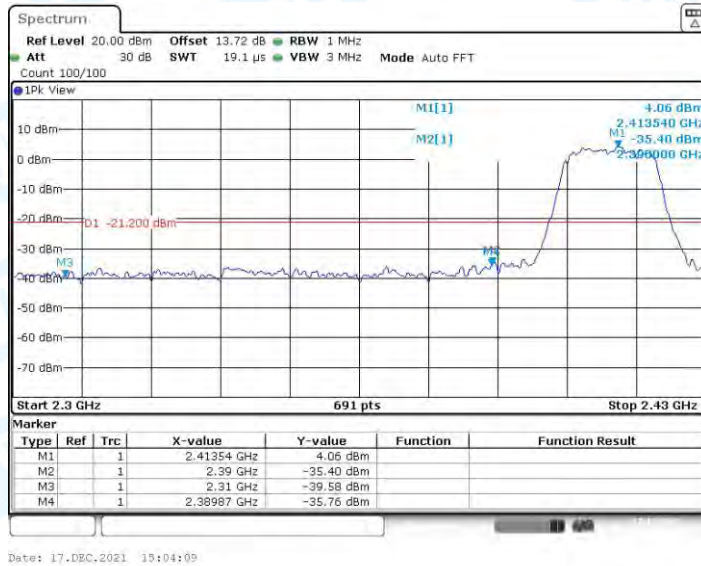
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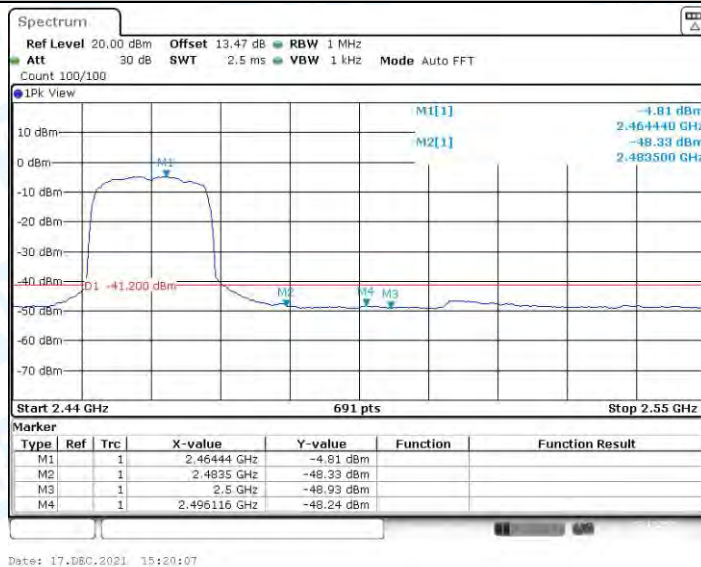
11N20MIMO_Ant1_Low_2412_Peak



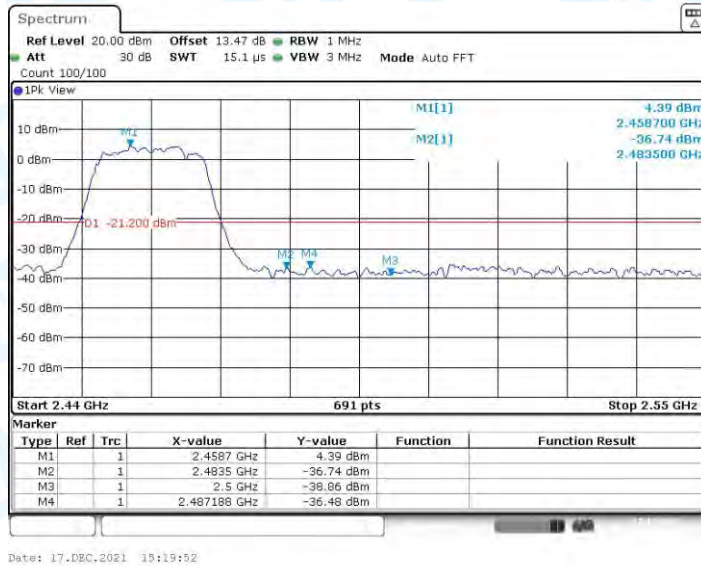
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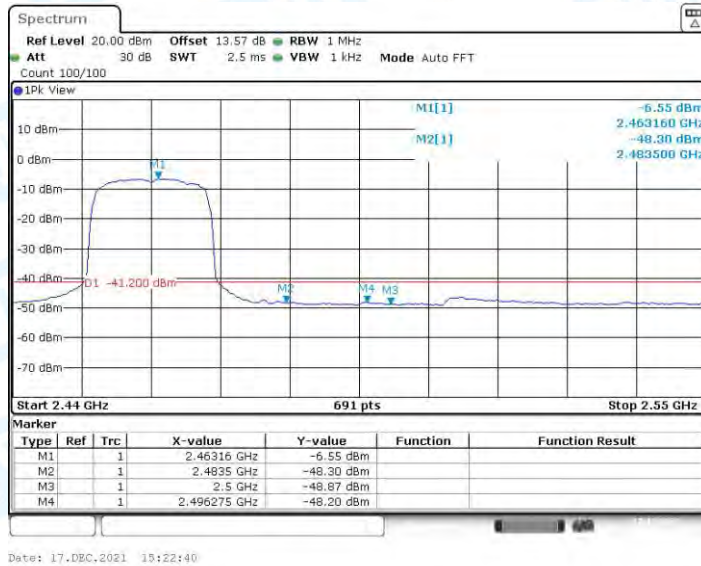
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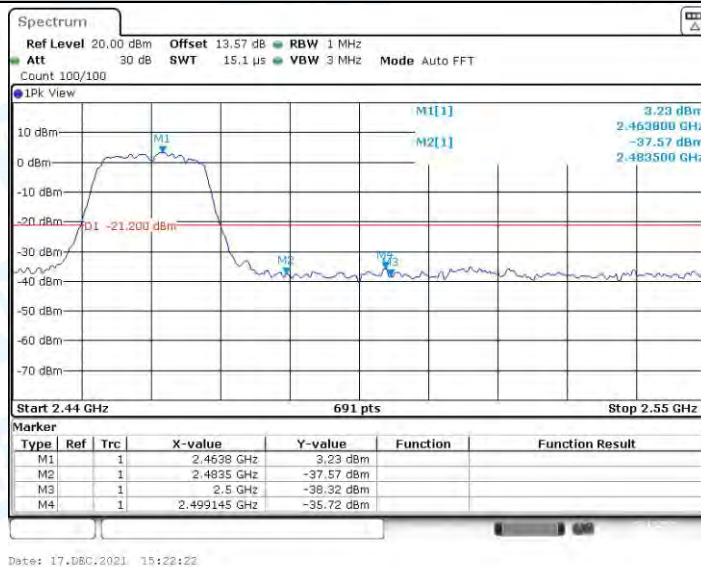
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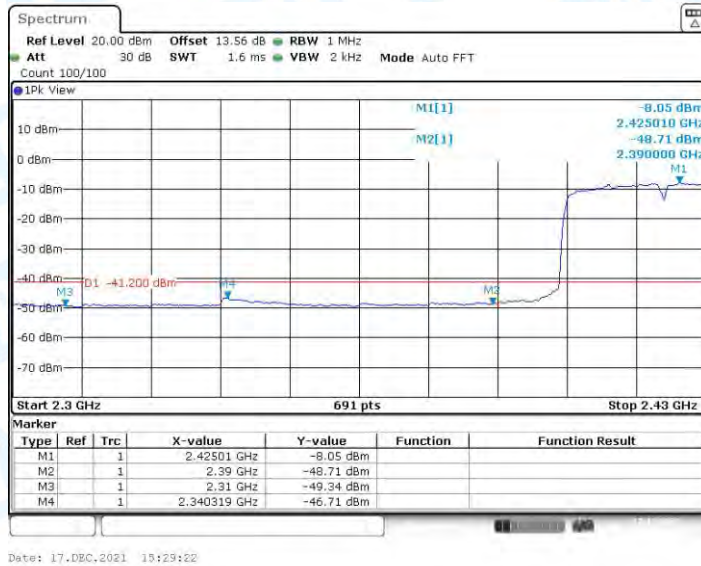
11N20MIMO_Ant1_High_2462_Peak



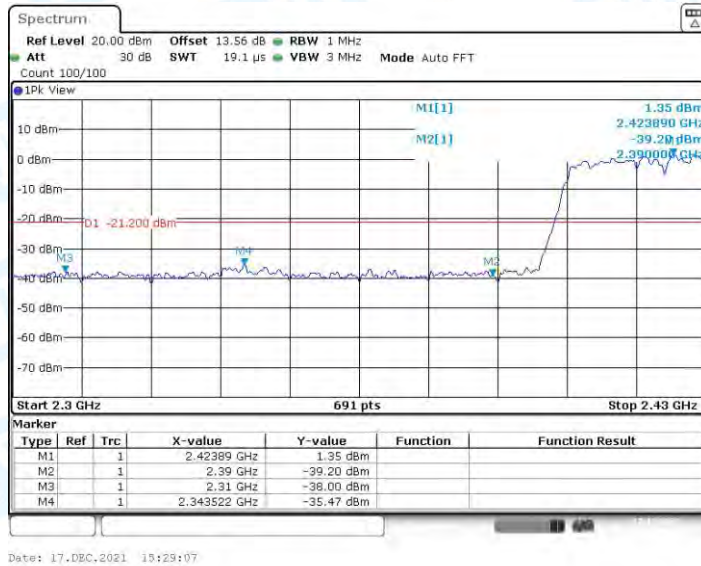
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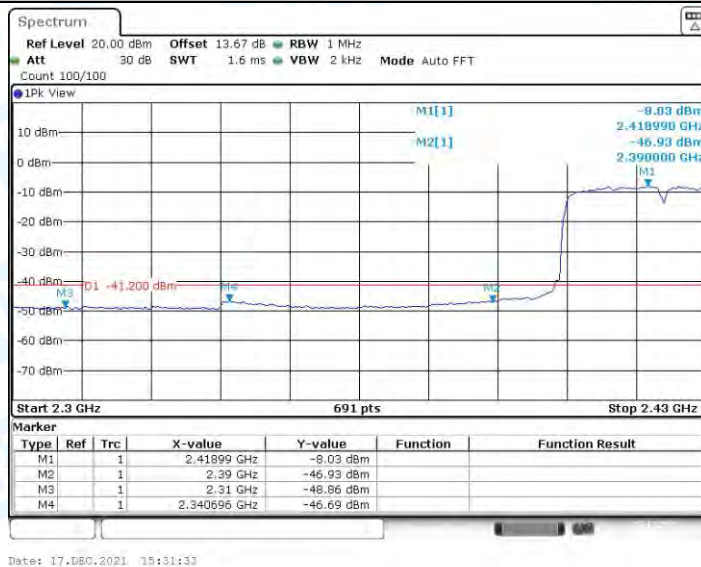
11N20MIMO_Ant2_High_2462_Peak



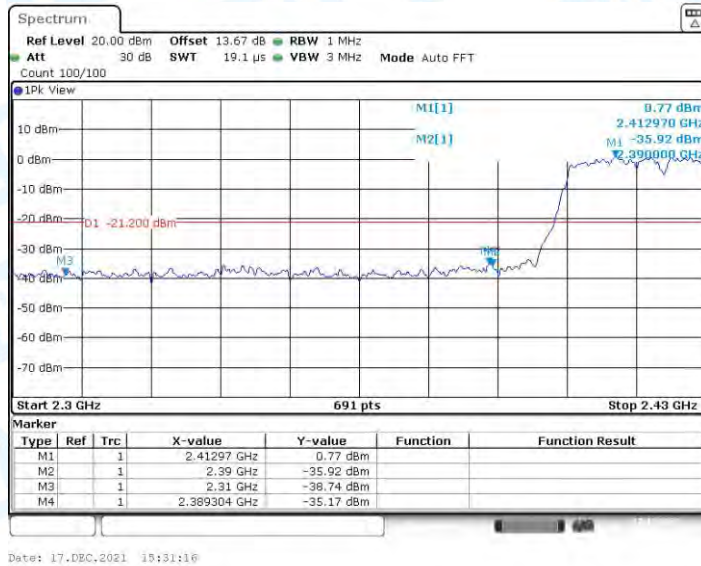
11N40MIMO_Ant1_Low_2422_AV



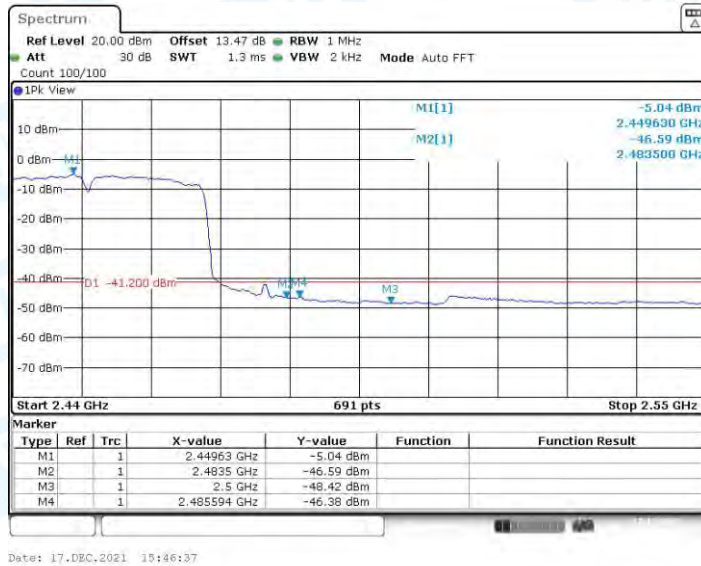
11N40MIMO_Ant1_Low_2422_Peak



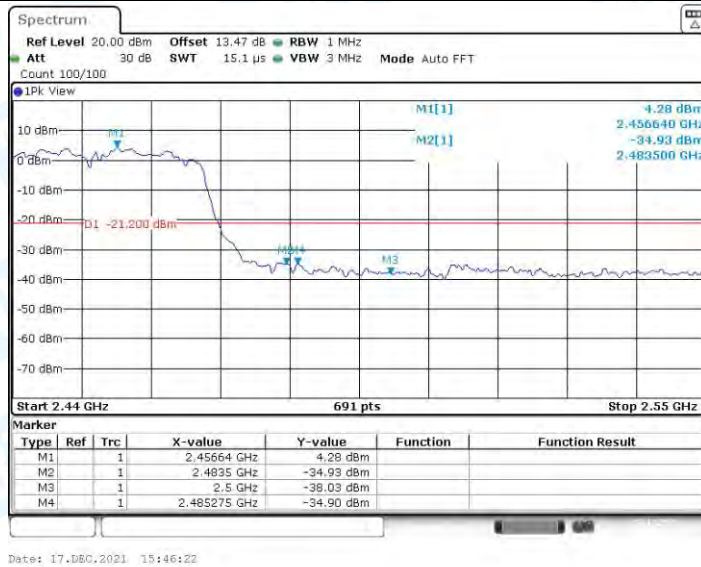
11N40MIMO_Ant2_Low_2422_AV



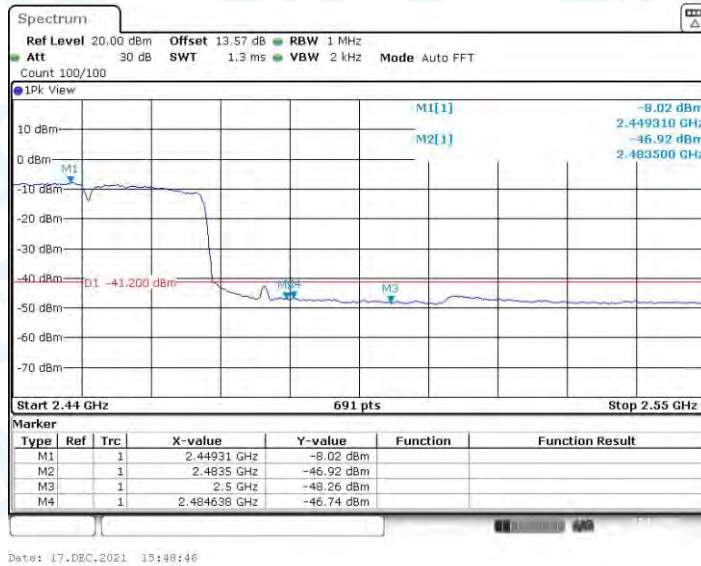
11N40MIMO_Ant2_Low_2422_Peak



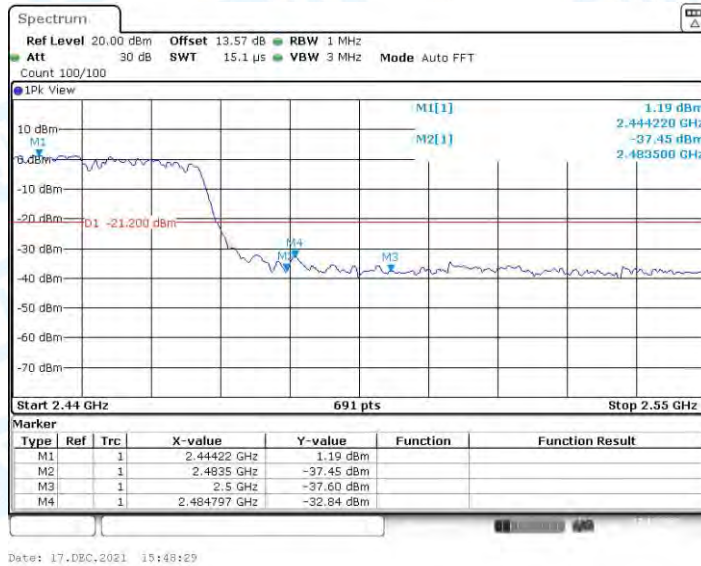
11N40MIMO_Ant1_High_2452_AV



11N40MIMO_Ant1_High_2452_Peak



11N40MIMO_Ant2_High_2452_AV



11N40MIMO_Ant2_High_2452_Peak

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