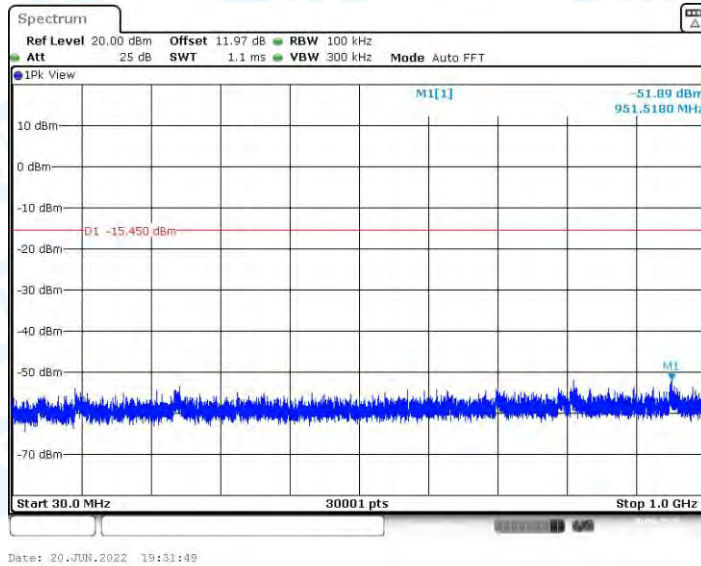
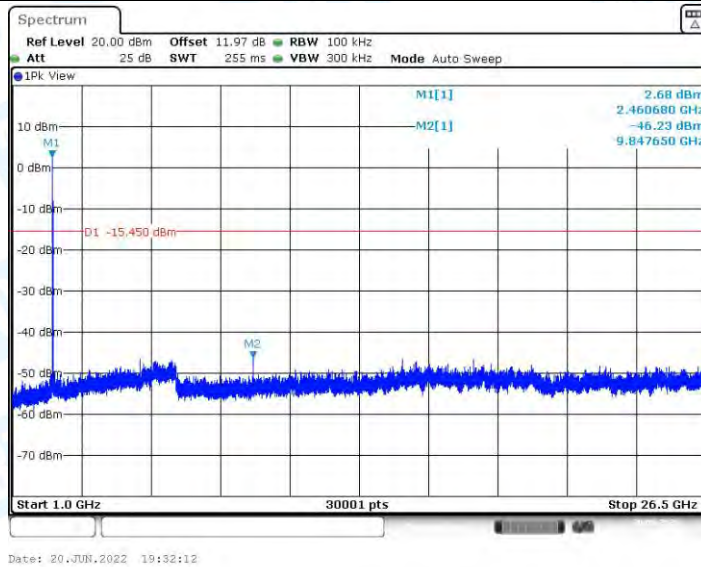


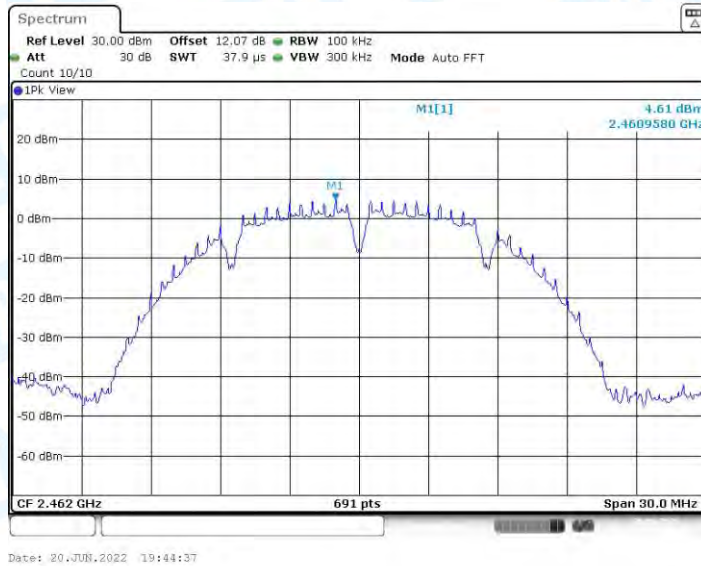
### 11B\_Ant1\_2462\_0~Reference



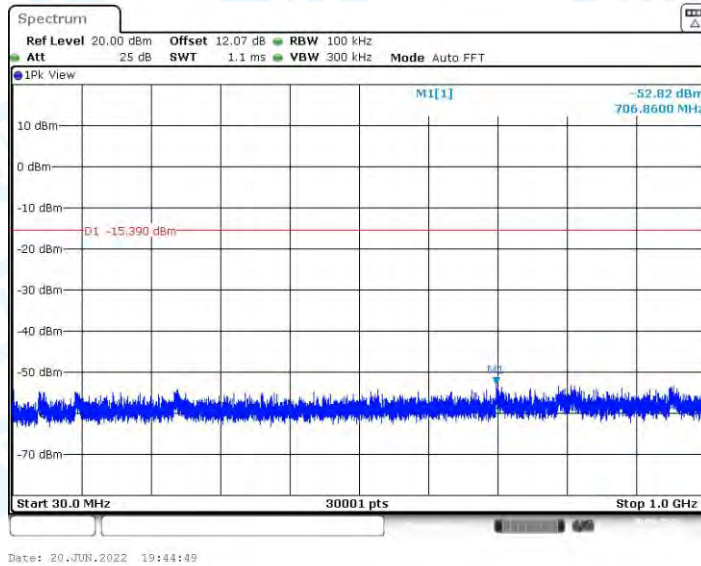
### 11B\_Ant1\_2462\_30~1000



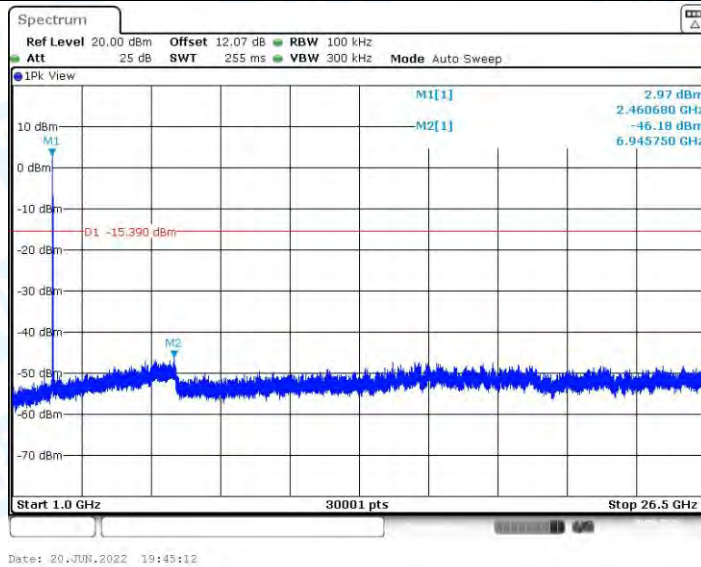
### 11B\_Ant1\_2462\_1000~26500



11B\_Ant2\_2462\_0~Reference

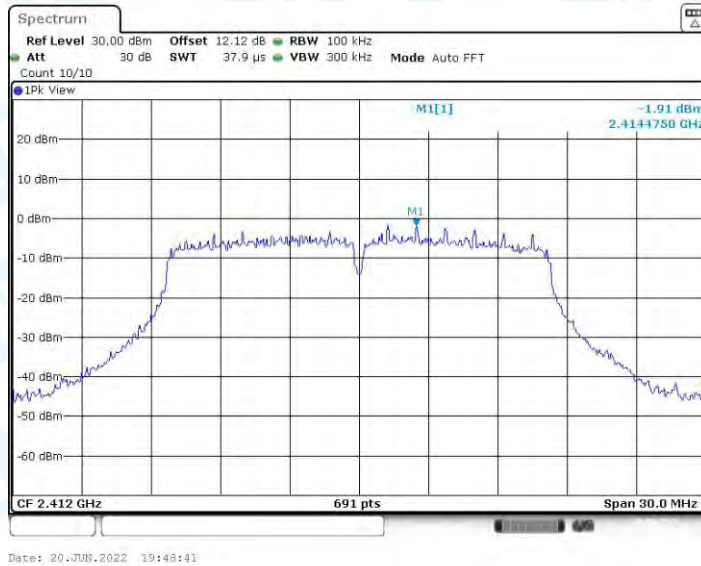


11B\_Ant2\_2462\_30~1000

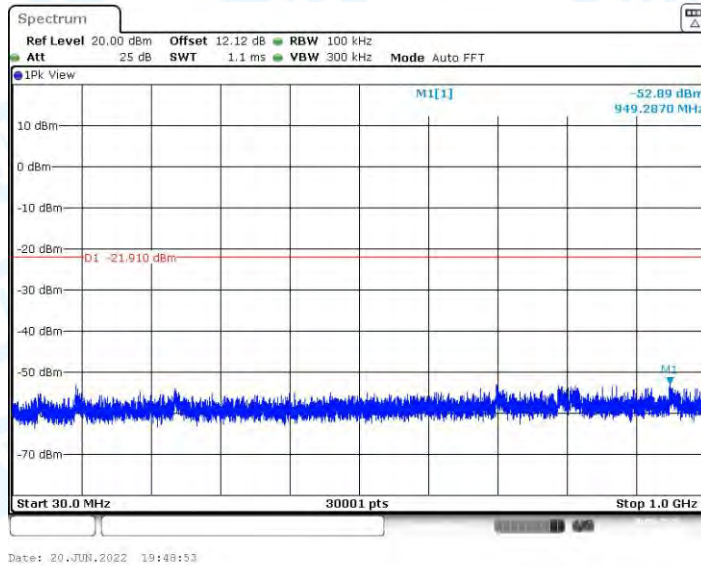


11B\_Ant2\_2462\_1000~26500

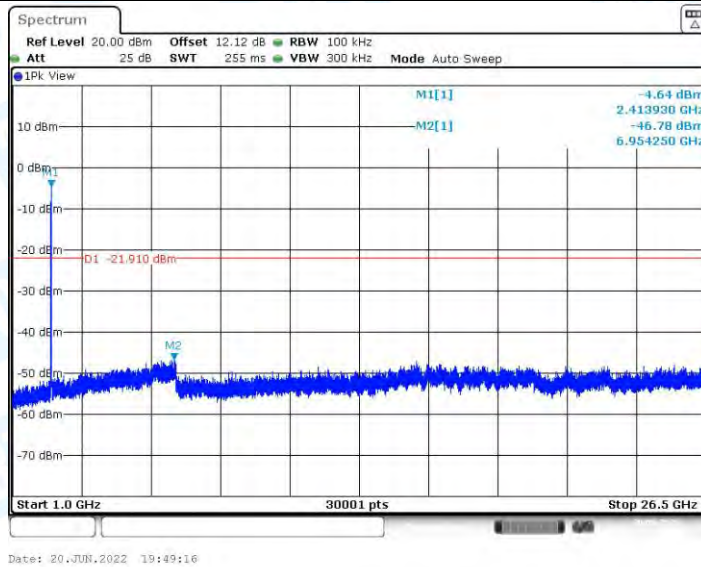




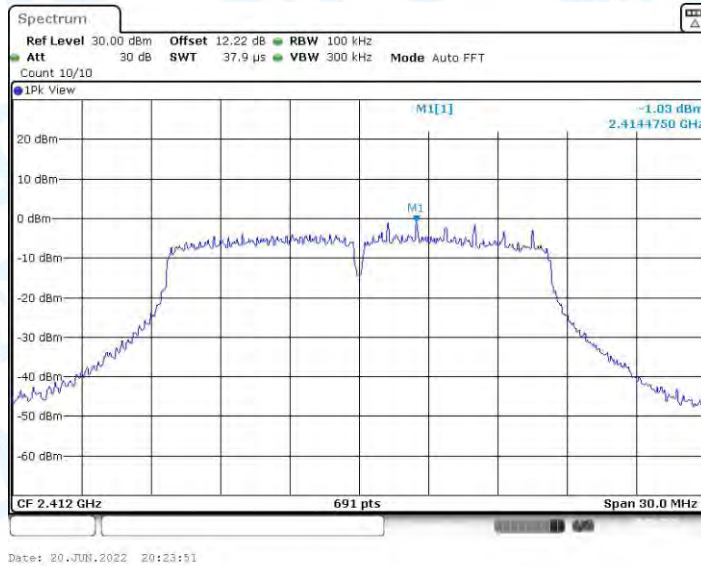
11G\_Ant1\_2412\_0~Reference



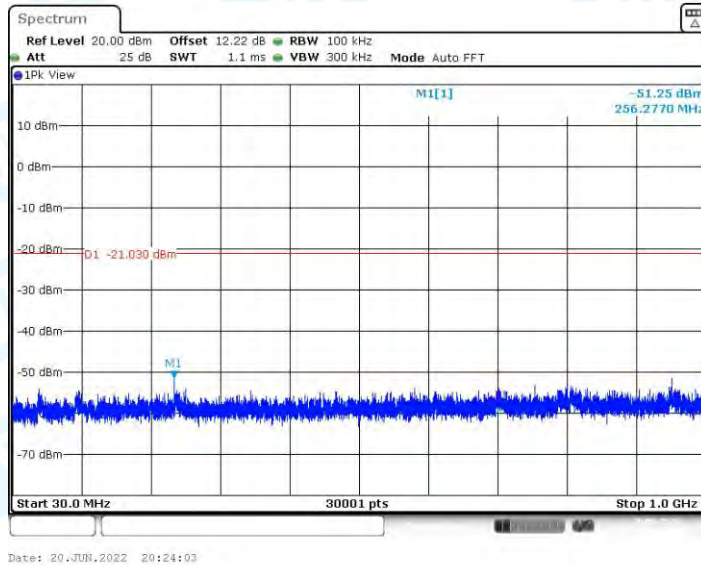
11G\_Ant1\_2412\_30~1000



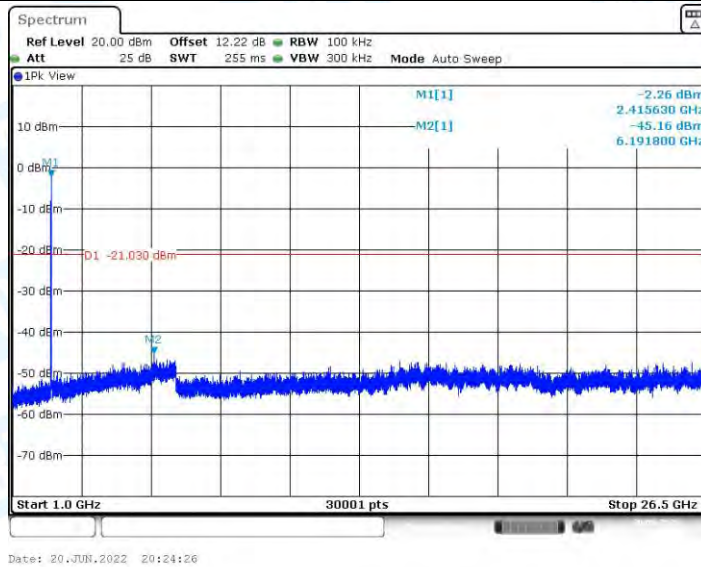
11G\_Ant1\_2412\_1000~26500



11G\_Ant2\_2412\_0~Reference

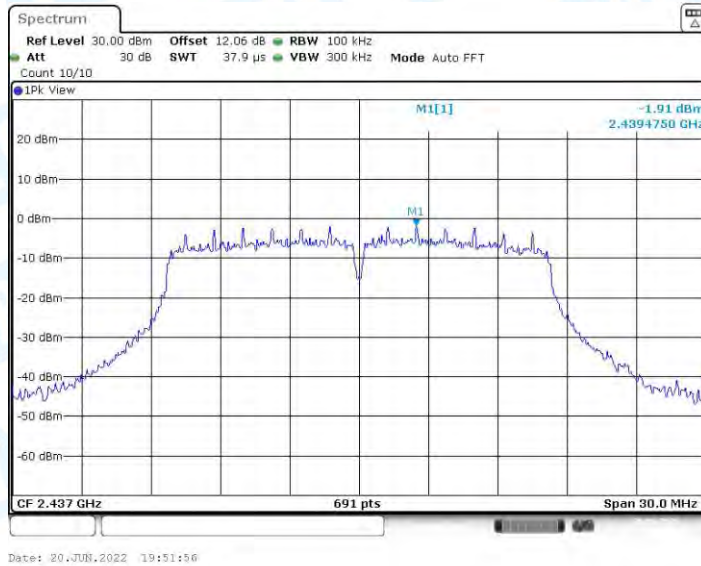


11G\_Ant2\_2412\_30~1000

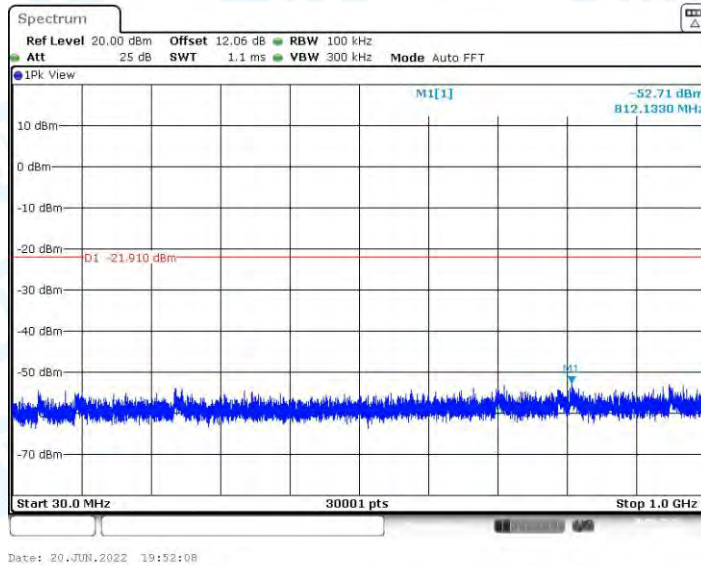


11G\_Ant2\_2412\_1000~26500

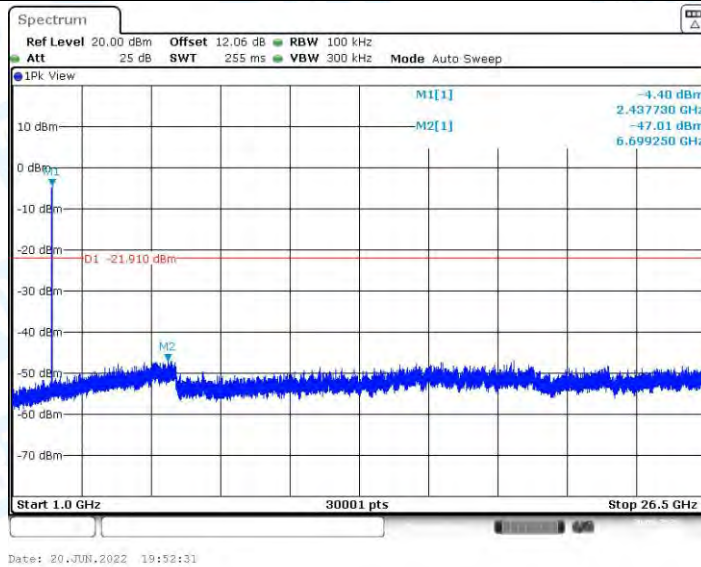




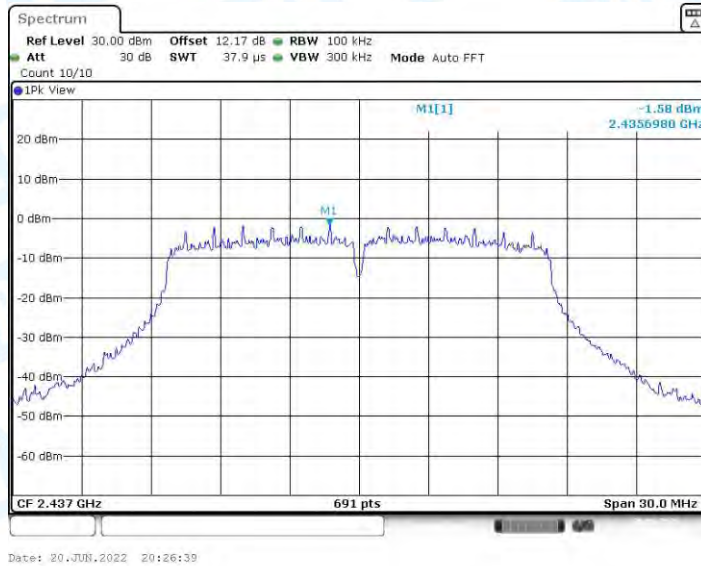
11G\_Ant1\_2437\_0~Reference



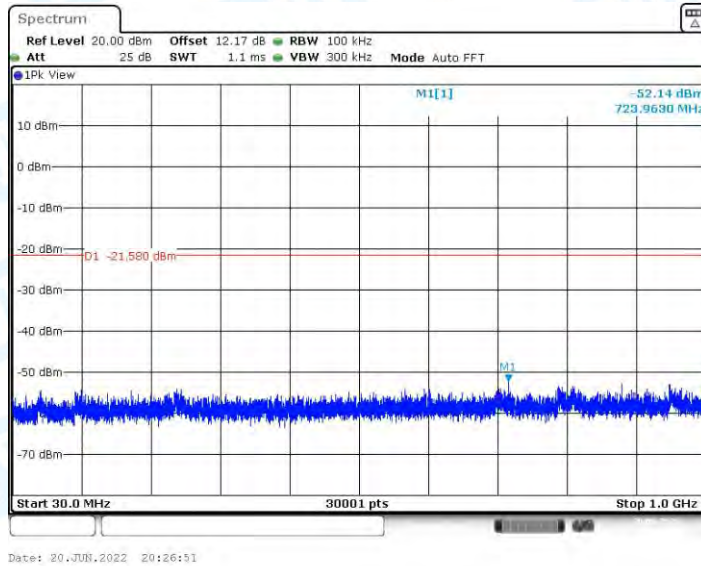
11G\_Ant1\_2437\_30~1000



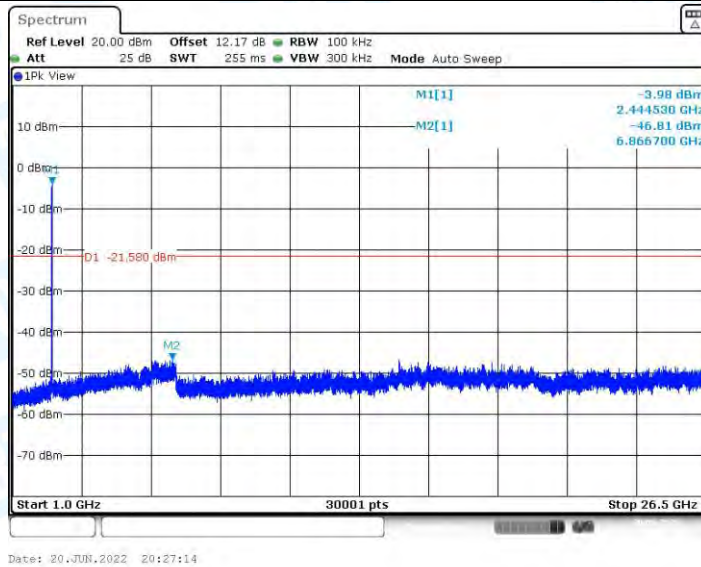
11G\_Ant1\_2437\_1000~26500



11G\_Ant2\_2437\_0~Reference

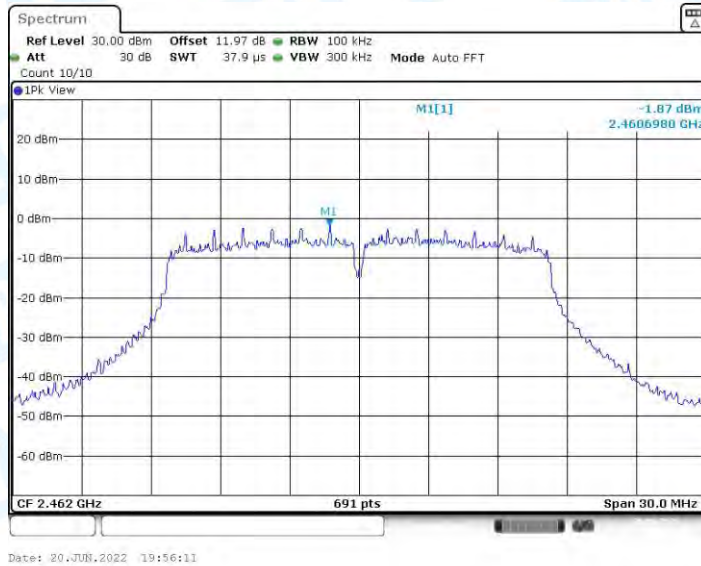


11G\_Ant2\_2437\_30~1000

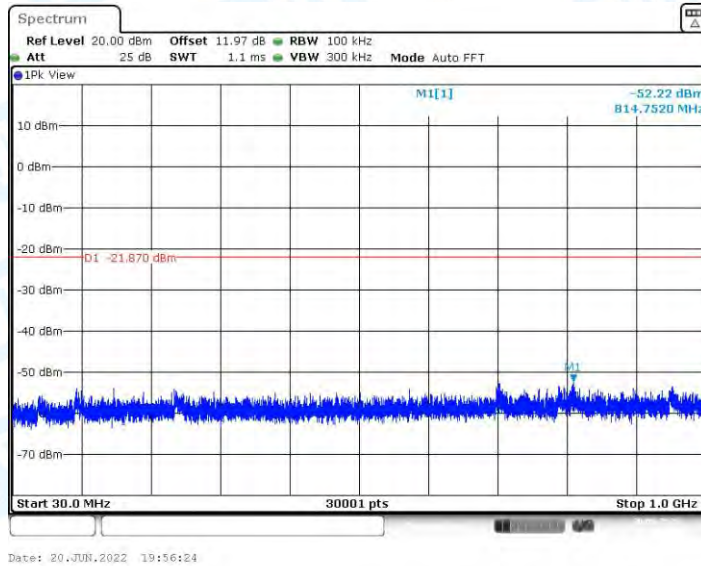


11G\_Ant2\_2437\_1000~26500

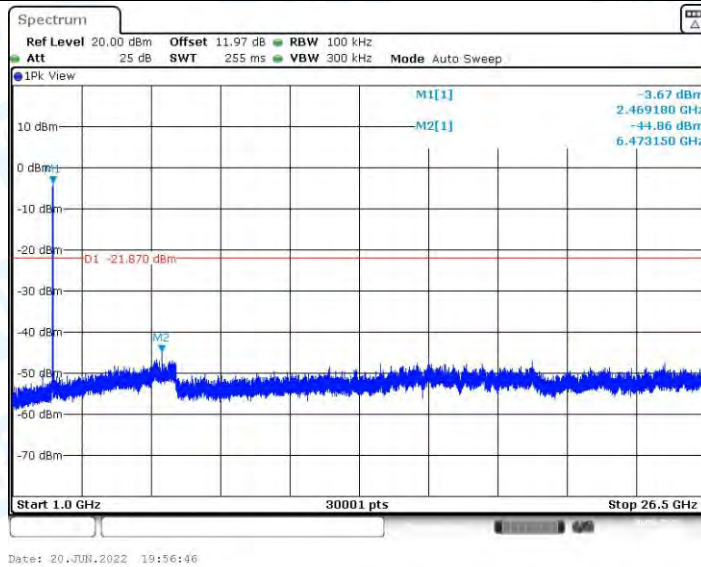




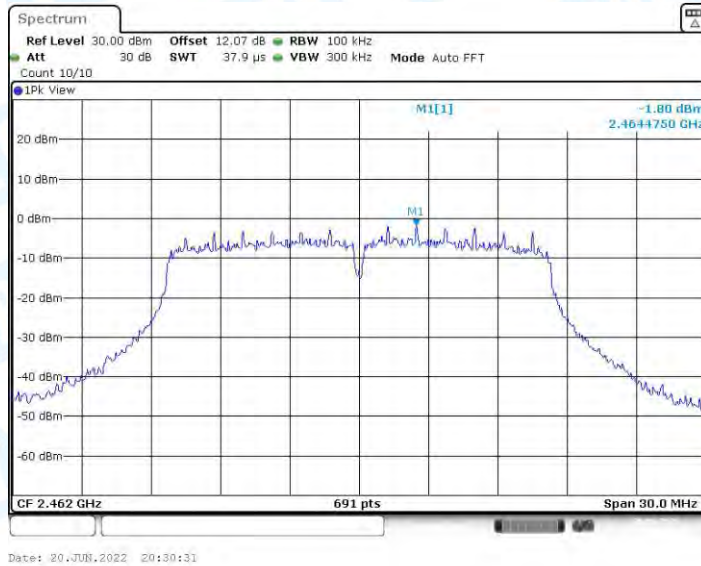
11G\_Ant1\_2462\_0~Reference



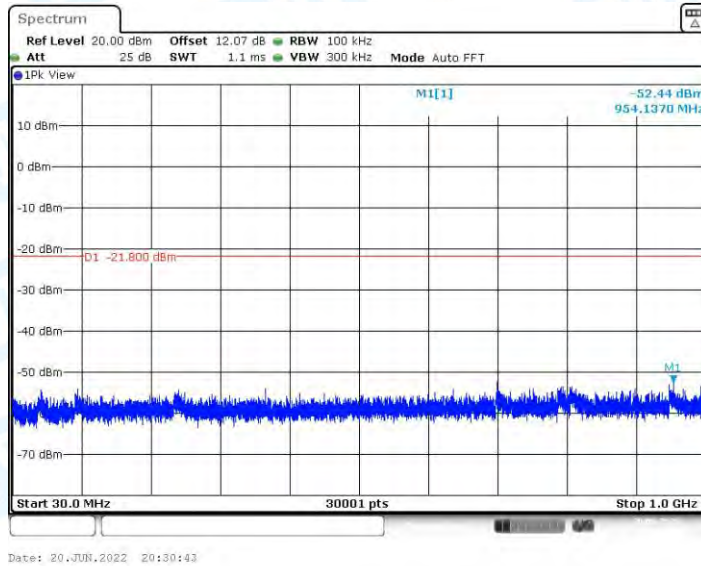
11G\_Ant1\_2462\_30~1000



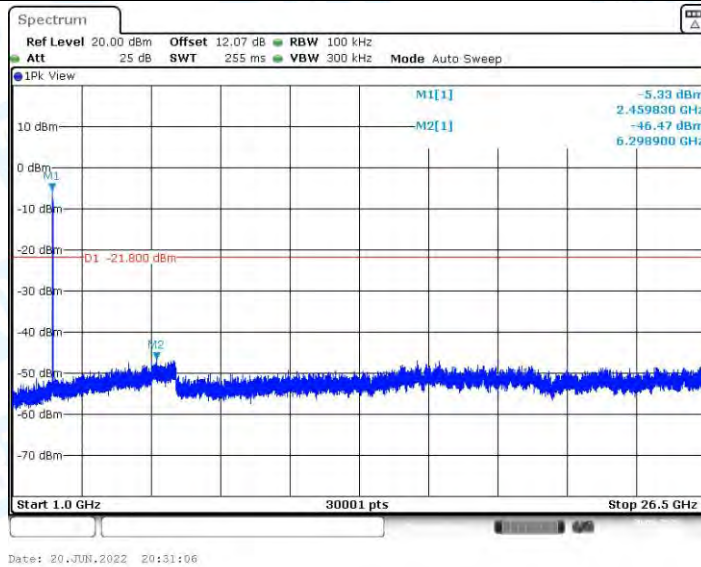
11G\_Ant1\_2462\_1000~26500



11G\_Ant2\_2462\_0~Reference

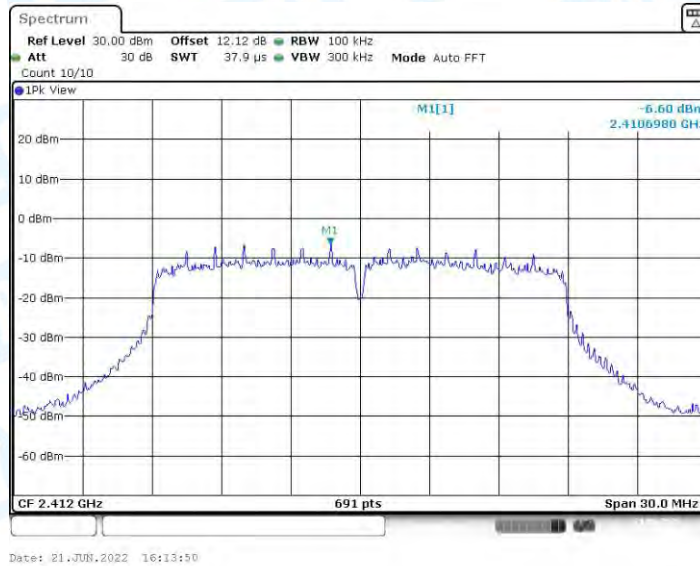


11G\_Ant2\_2462\_30~1000

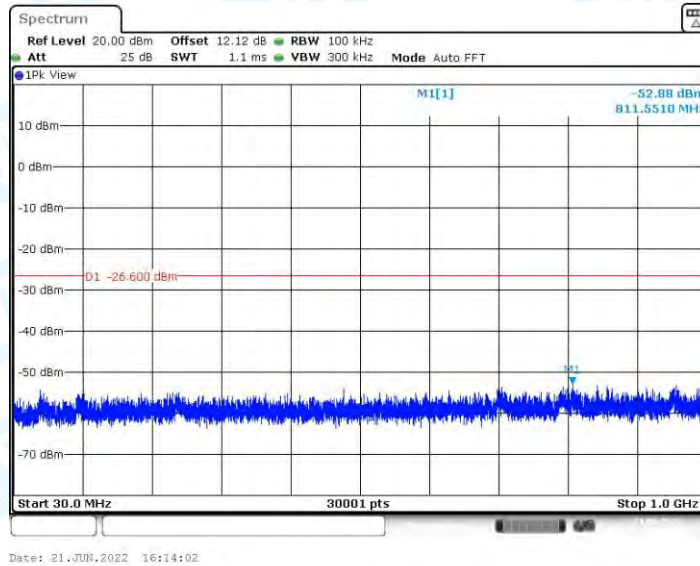


11G\_Ant2\_2462\_1000~26500

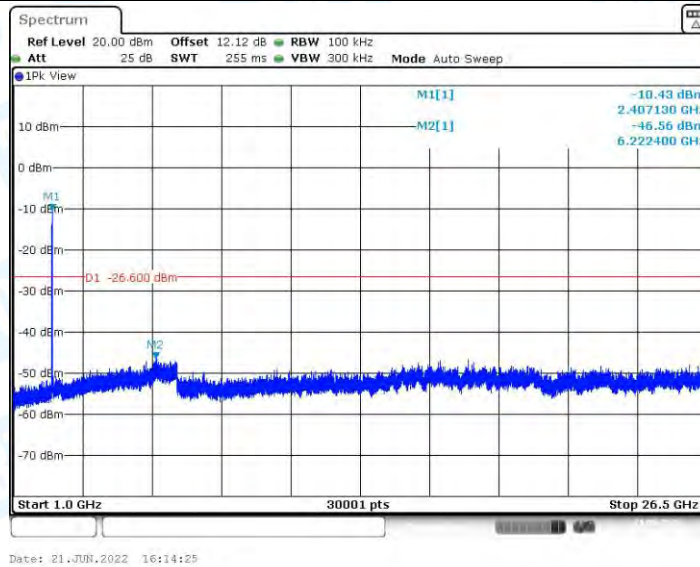




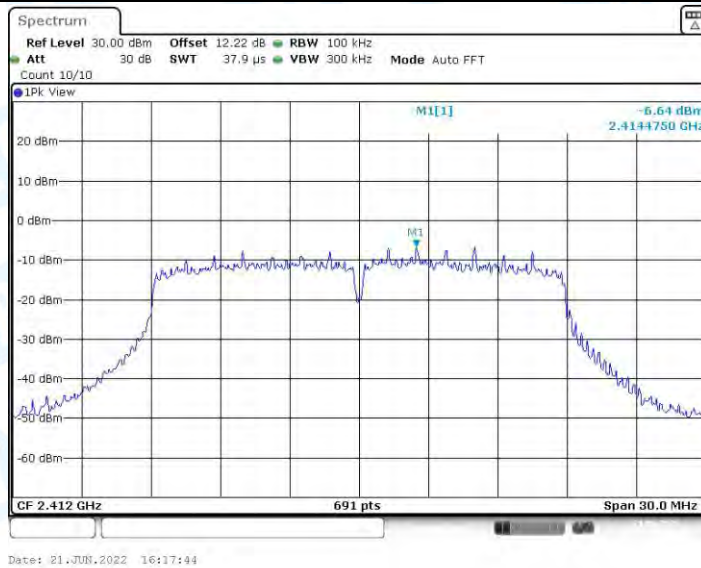
11N20MIMO\_Ant1\_2412\_0~Reference



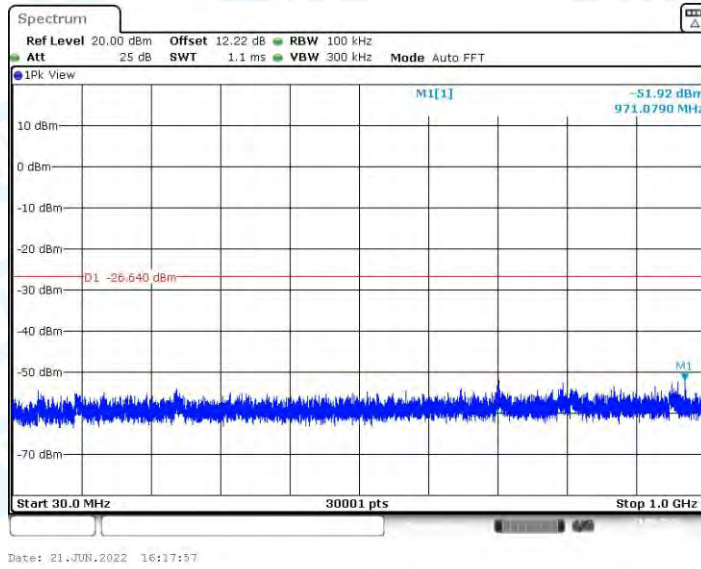
11N20MIMO\_Ant1\_2412\_30~1000



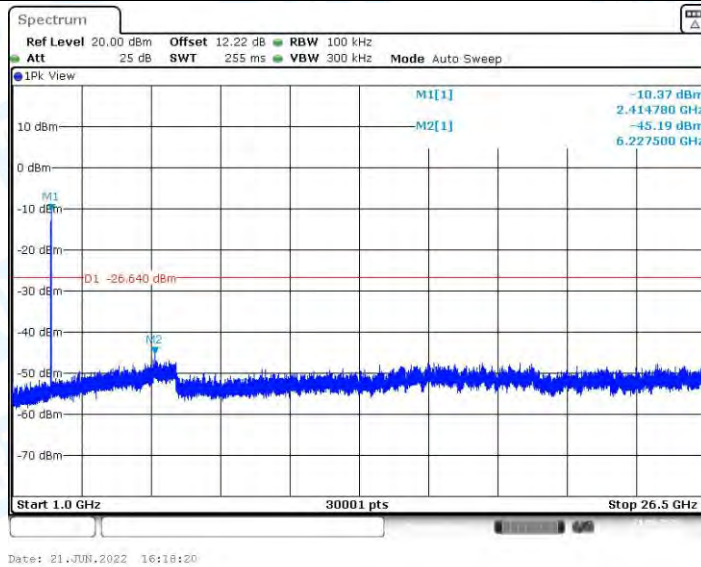
11N20MIMO\_Ant1\_2412\_1000~26500



11N20MIMO\_Ant2\_2412\_0~Reference

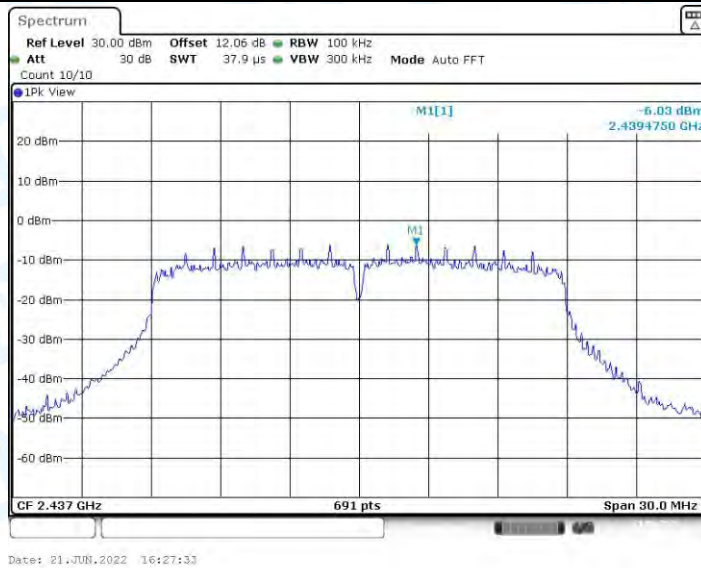


11N20MIMO\_Ant2\_2412\_30~1000

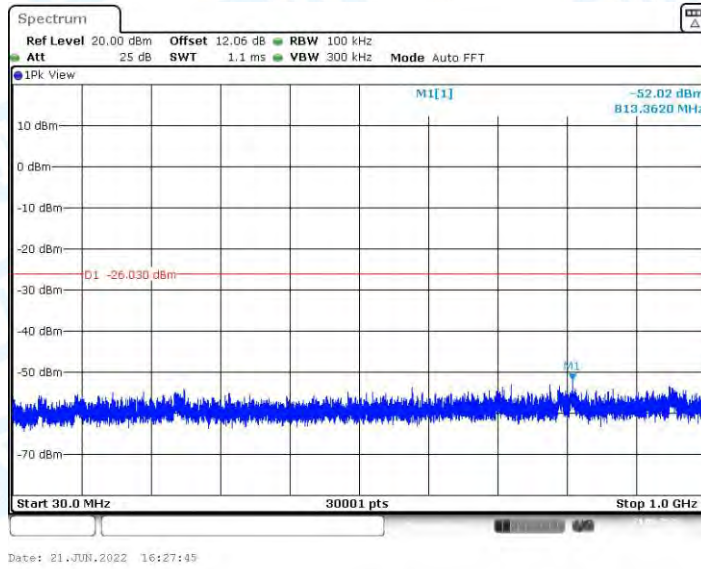


11N20MIMO\_Ant2\_2412\_1000~26500

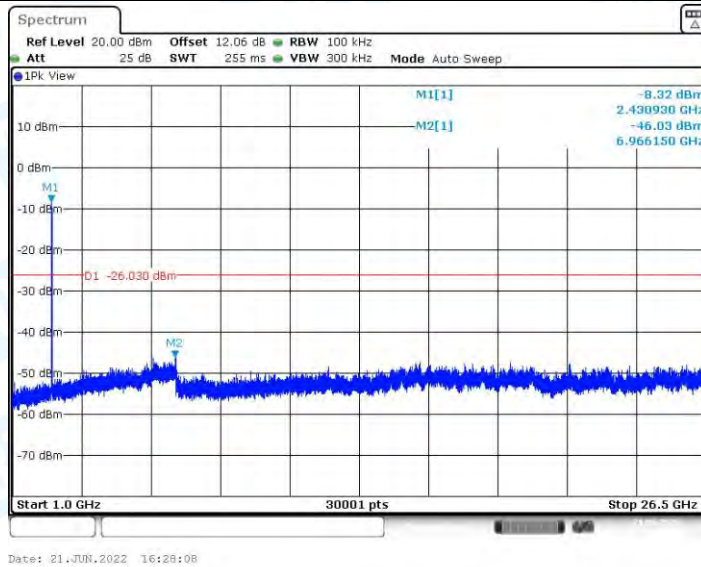




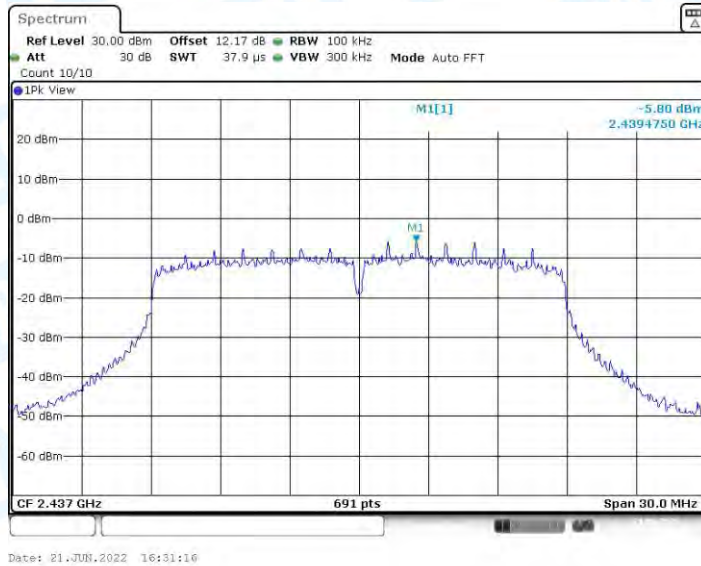
11N20MIMO\_Ant1\_2437\_0~Reference



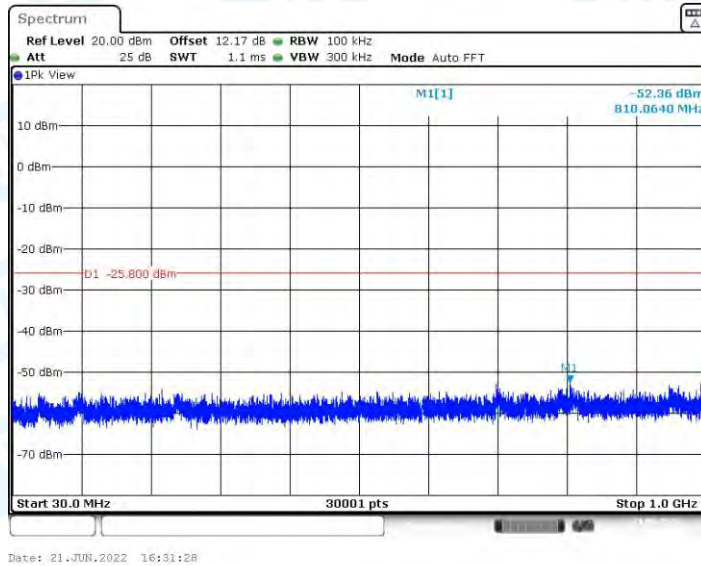
11N20MIMO\_Ant1\_2437\_30~1000



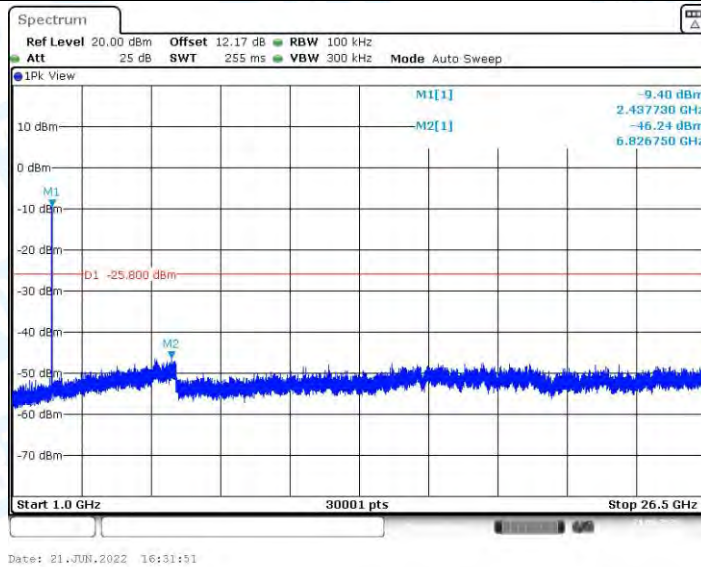
11N20MIMO\_Ant1\_2437\_1000~26500



11N20MIMO\_Ant2\_2437\_0~Reference

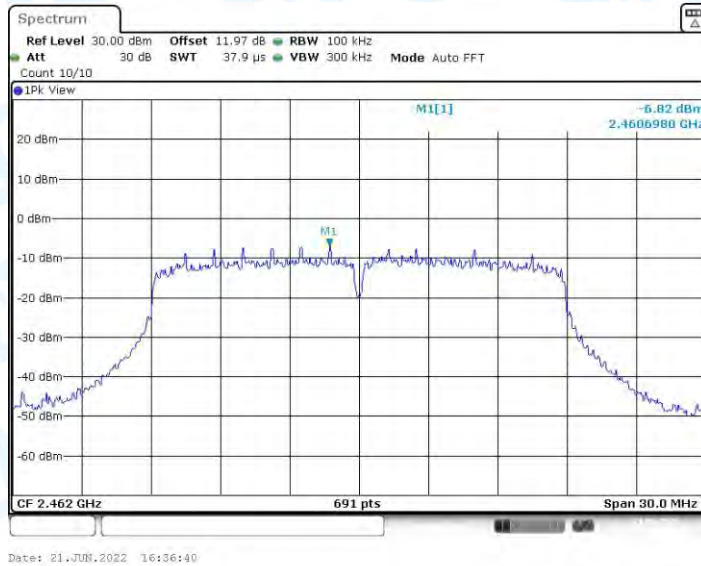


11N20MIMO\_Ant2\_2437\_30~1000

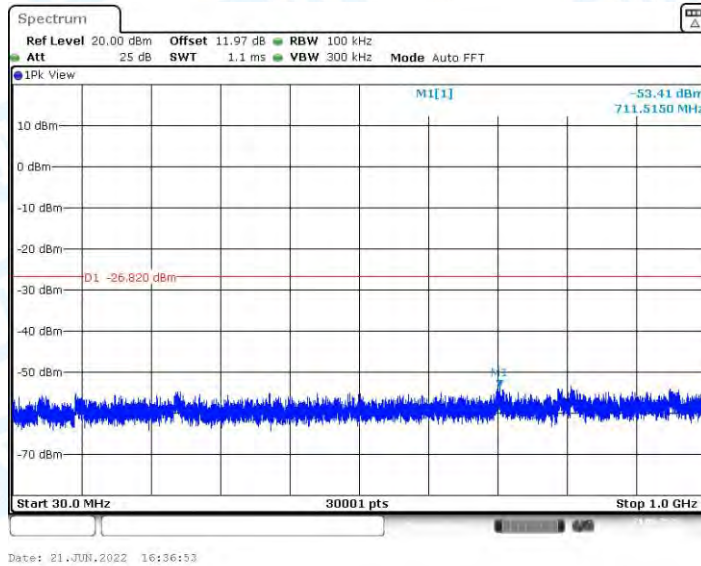


11N20MIMO\_Ant2\_2437\_1000~26500

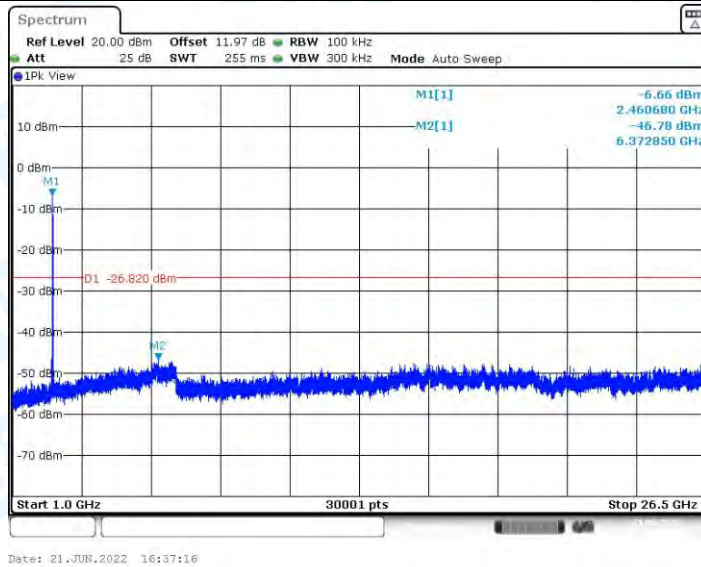




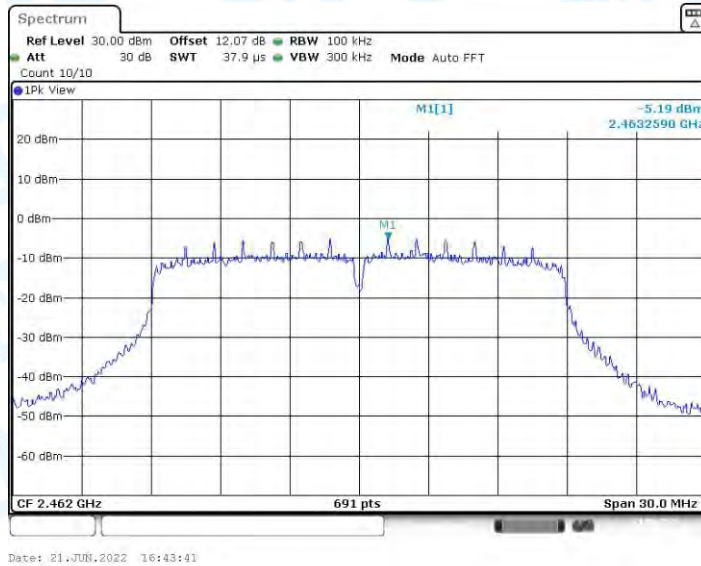
11N20MIMO\_Ant1\_2462\_0~Reference



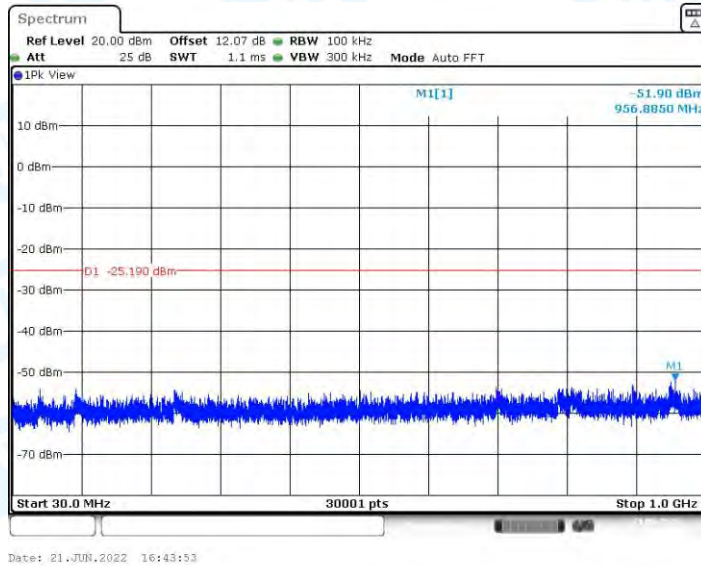
11N20MIMO\_Ant1\_2462\_30~1000



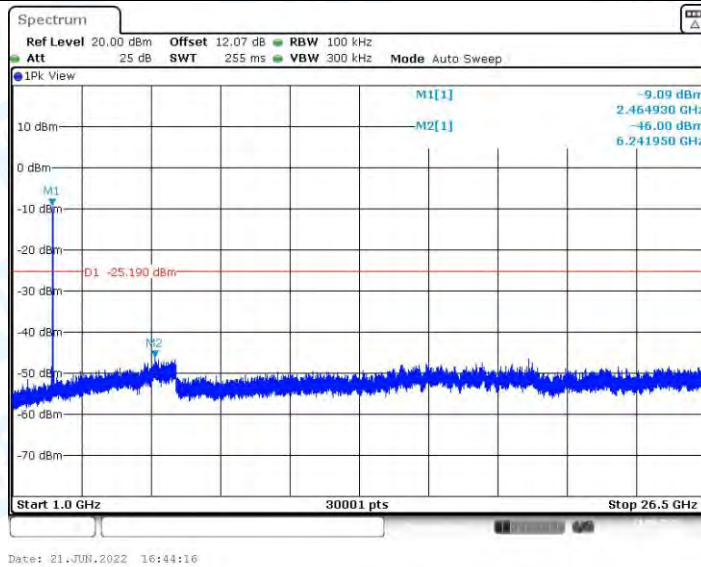
11N20MIMO\_Ant1\_2462\_1000~26500



11N20MIMO\_Ant2\_2462\_0~Reference

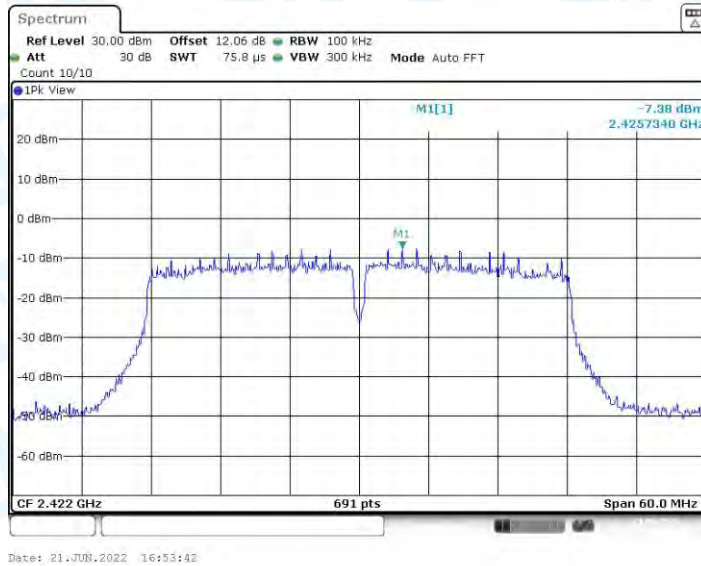


11N20MIMO\_Ant2\_2462\_30~1000

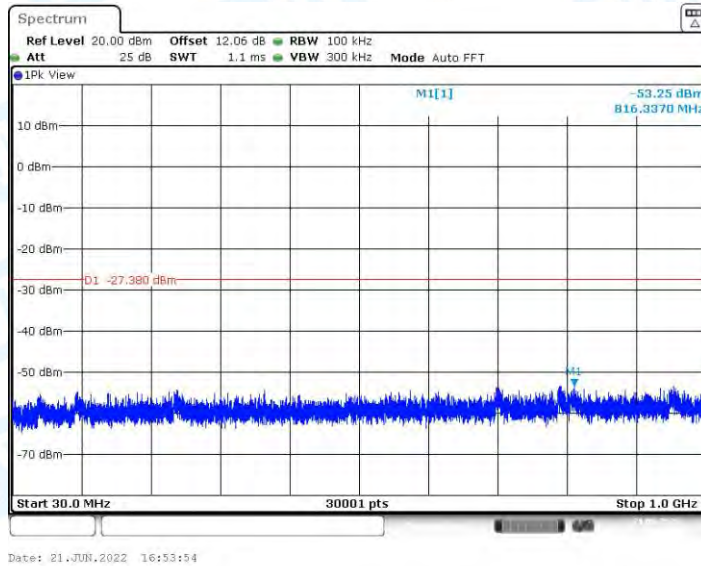


11N20MIMO\_Ant2\_2462\_1000~26500

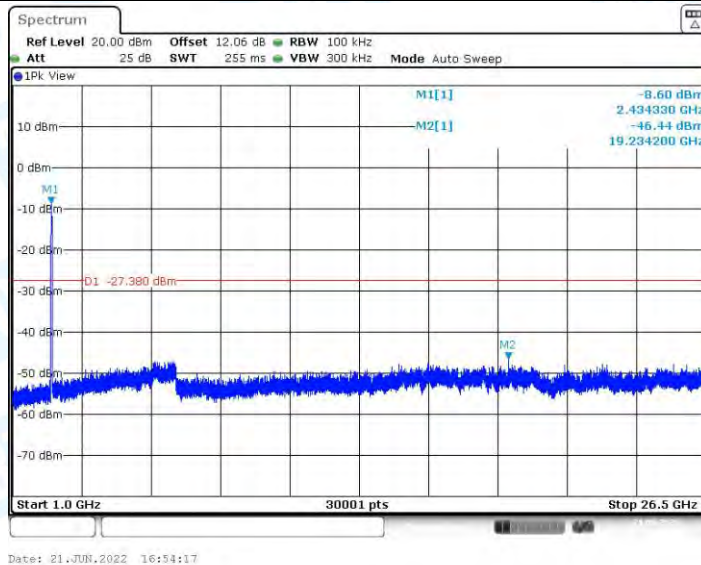




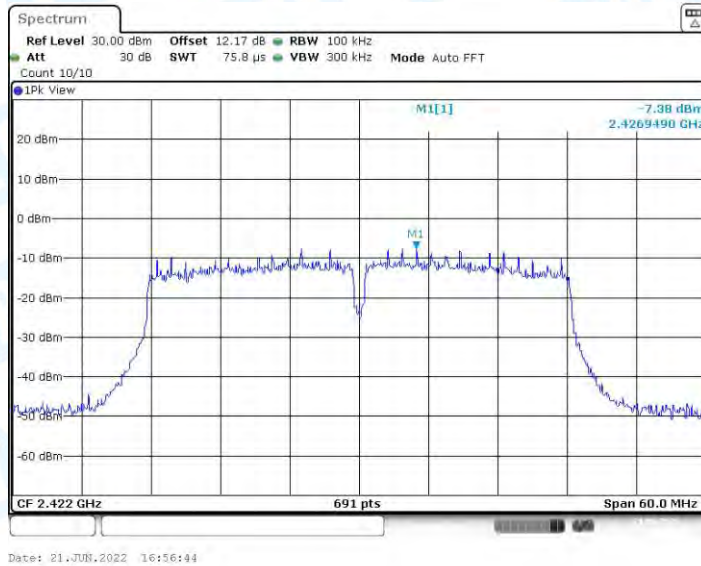
11N40MIMO\_Ant1\_2422\_0~Reference



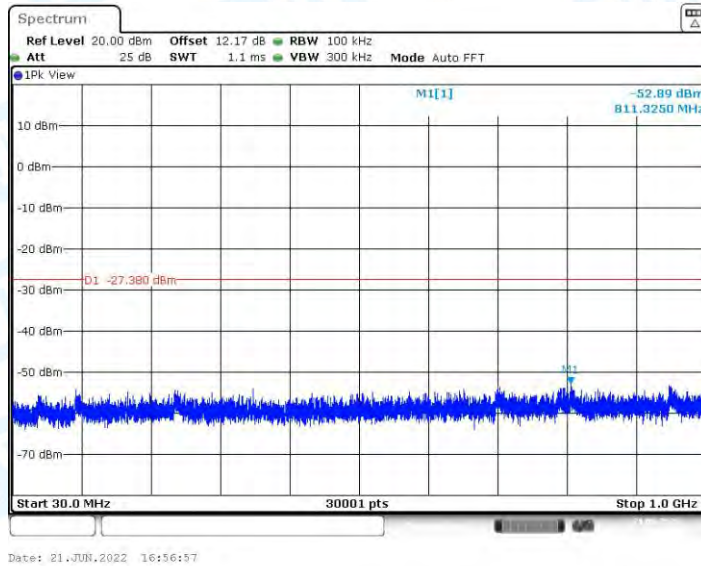
11N40MIMO\_Ant1\_2422\_30~1000



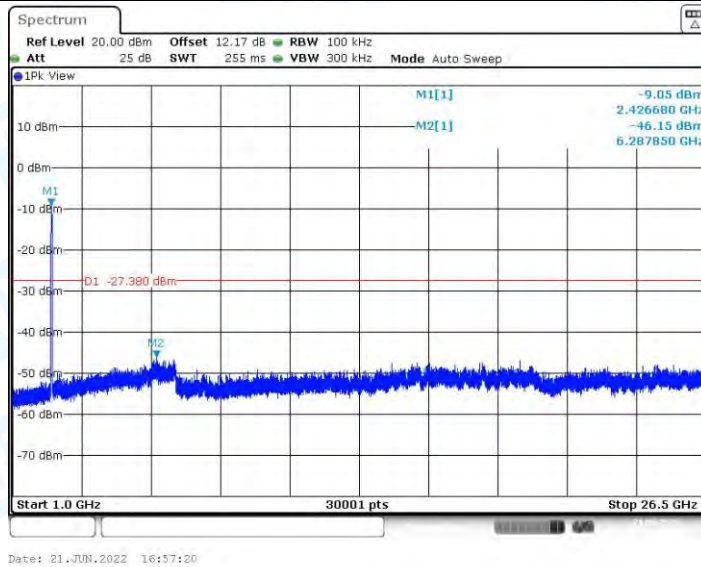
11N40MIMO\_Ant1\_2422\_1000~26500



11N40MIMO\_Ant2\_2422\_0~Reference

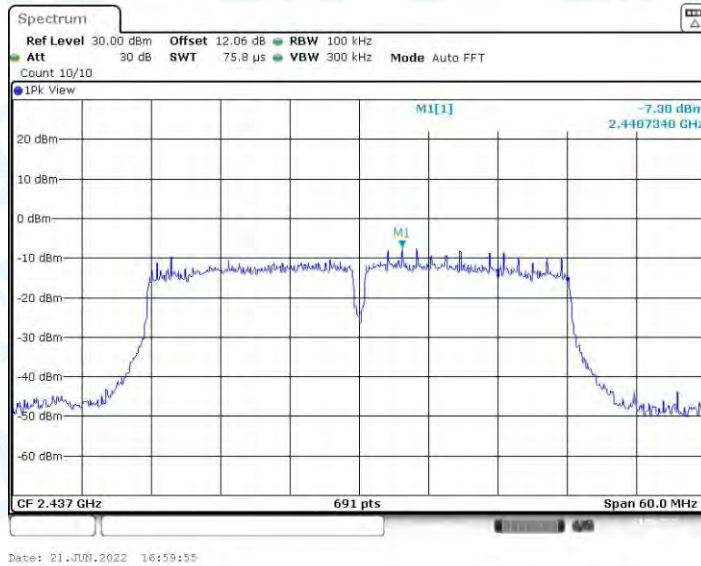


11N40MIMO\_Ant2\_2422\_30~1000

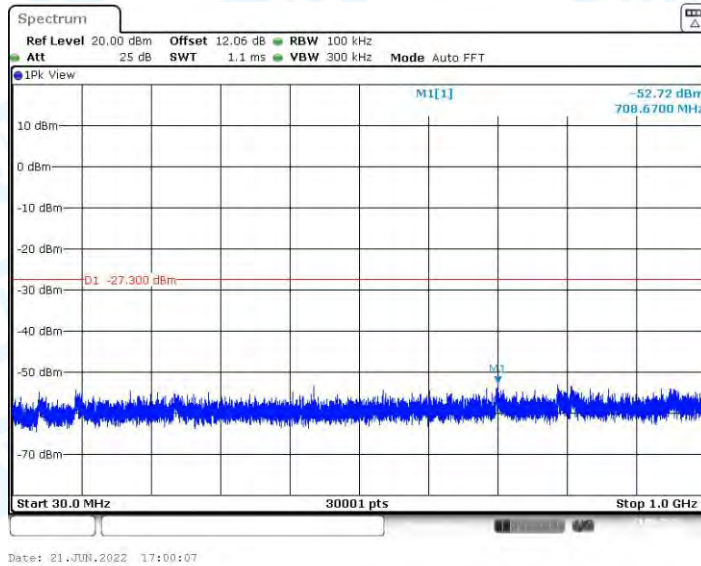


11N40MIMO\_Ant2\_2422\_1000~26500

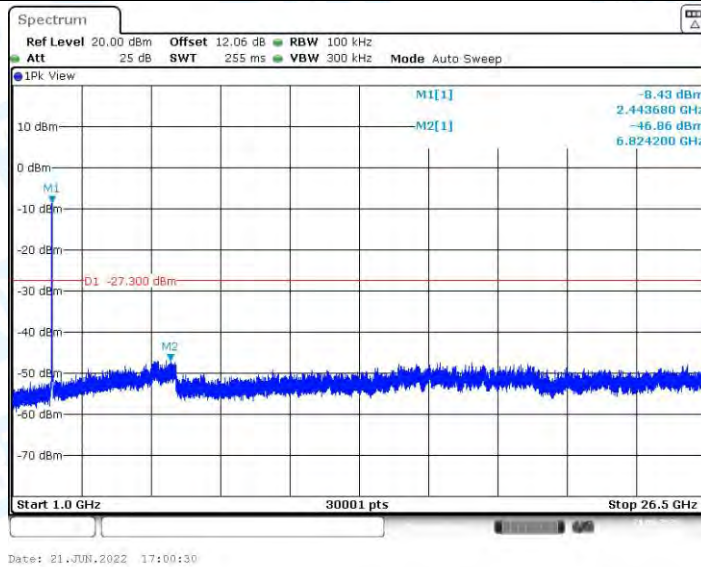




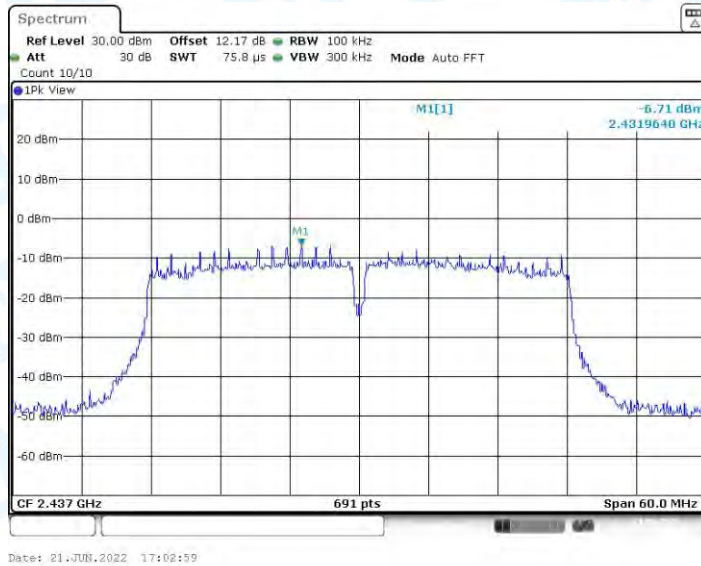
11N40MIMO\_Ant1\_2437\_0~Reference



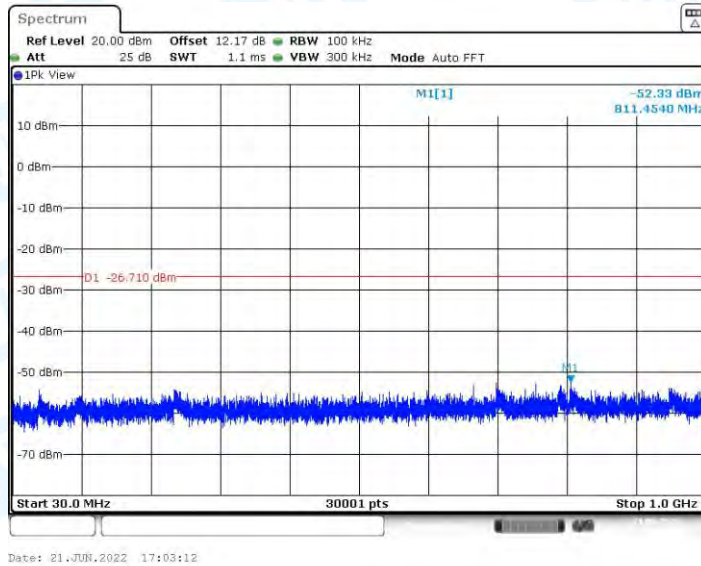
11N40MIMO\_Ant1\_2437\_30~1000



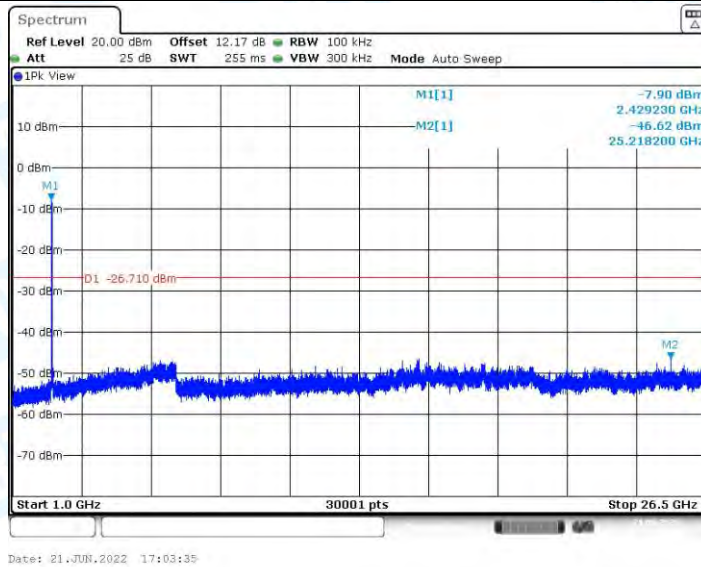
11N40MIMO\_Ant1\_2437\_1000~26500



11N40MIMO\_Ant2\_2437\_0~Reference

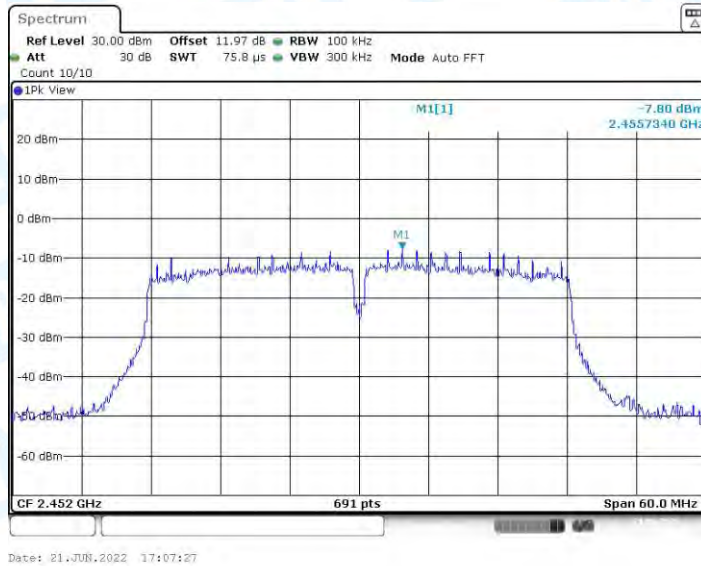


11N40MIMO\_Ant2\_2437\_30~1000

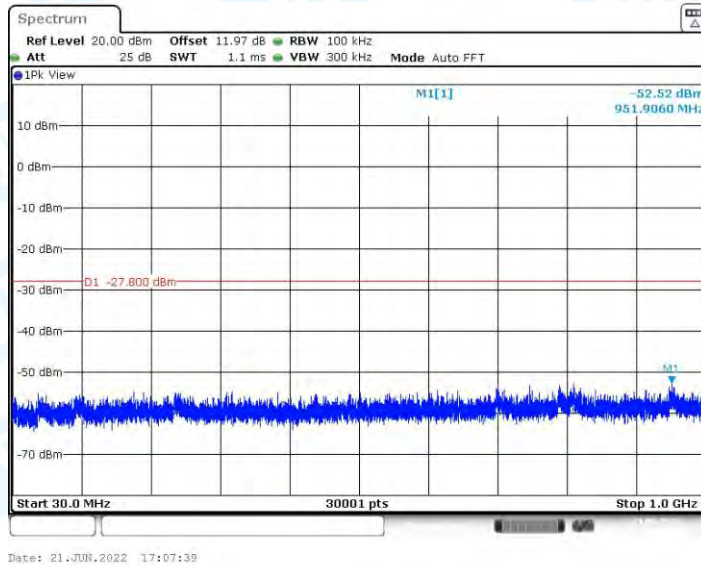


11N40MIMO\_Ant2\_2437\_1000~26500

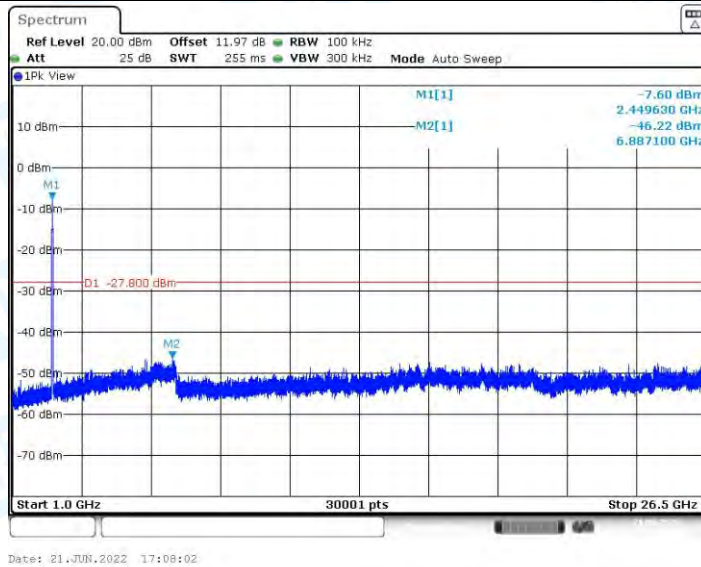




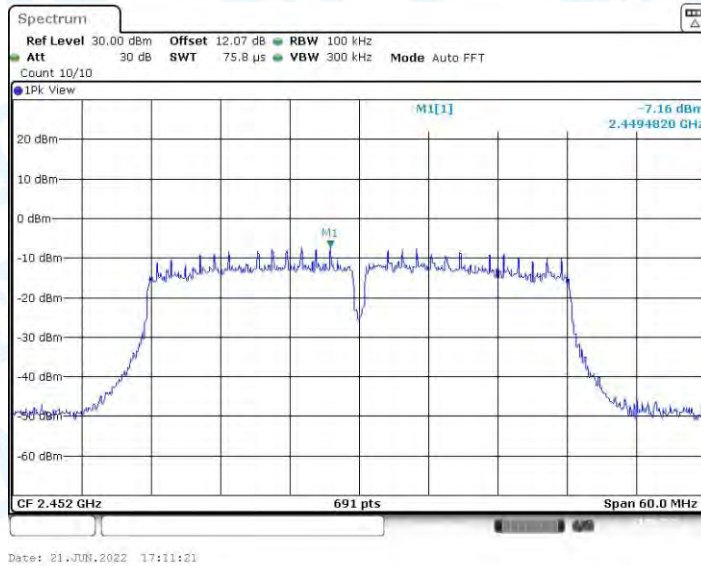
11N40MIMO\_Ant1\_2452\_0~Reference



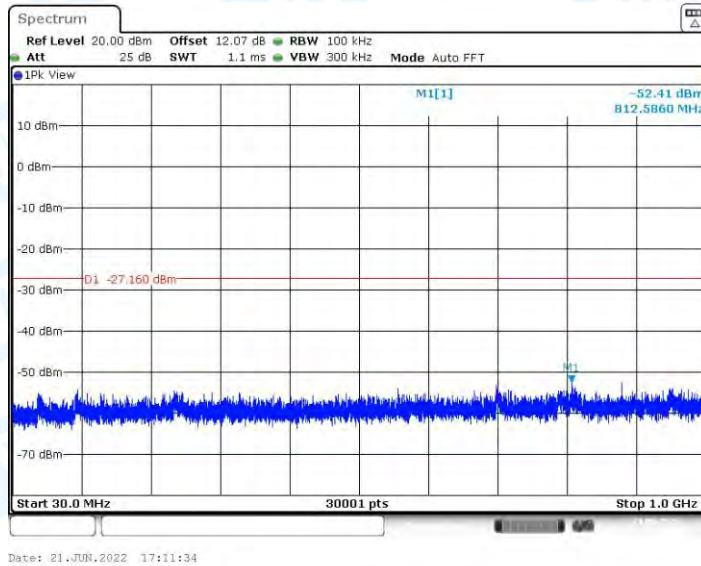
11N40MIMO\_Ant1\_2452\_30~1000



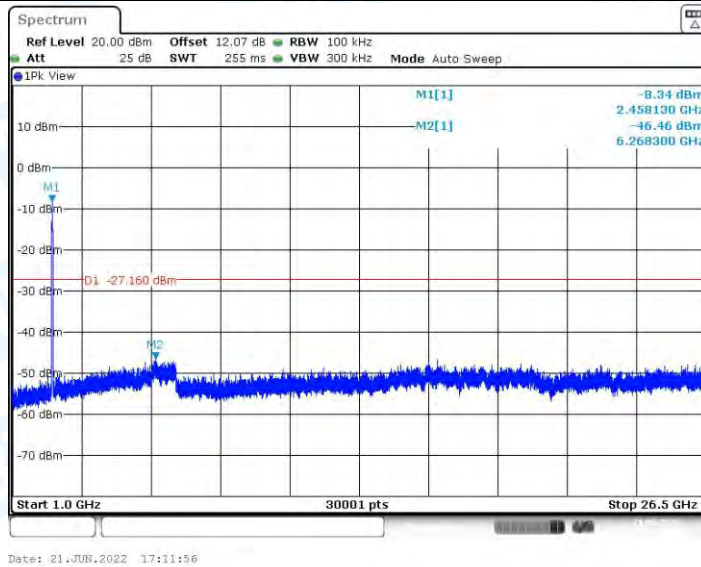
11N40MIMO\_Ant1\_2452\_1000~26500



11N40MIMO\_Ant2\_2452\_0~Reference



11N40MIMO\_Ant2\_2452\_30~1000



11N40MIMO\_Ant2\_2452\_1000~26500

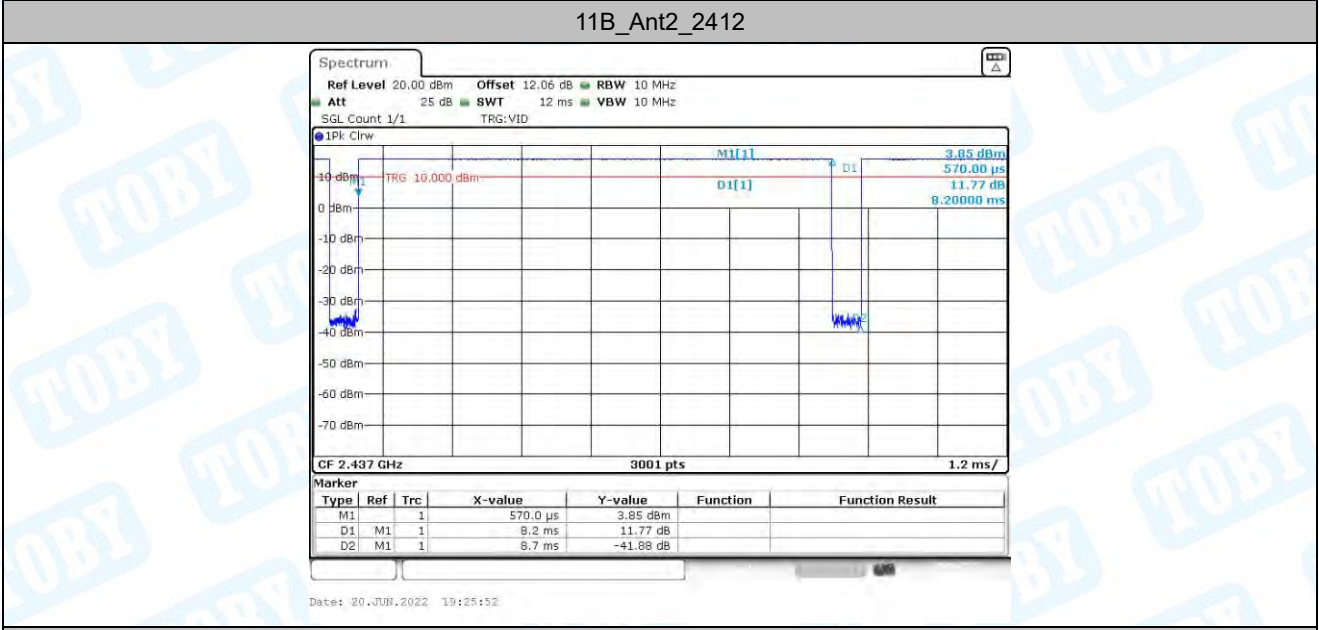
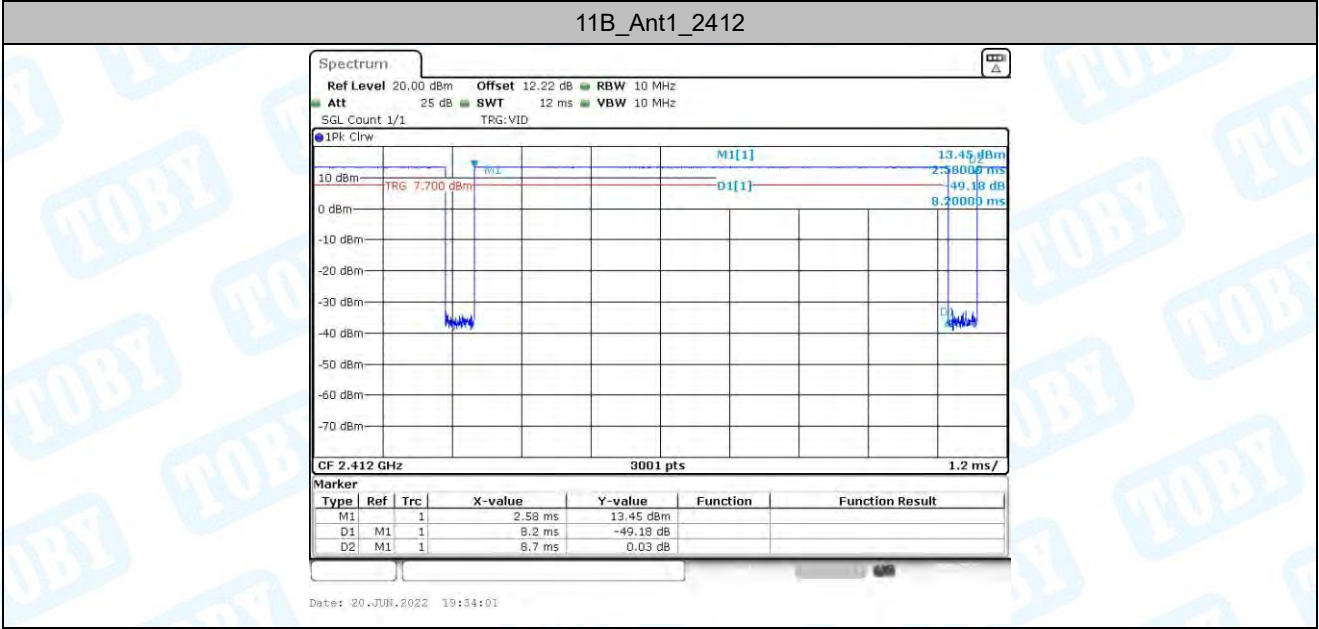
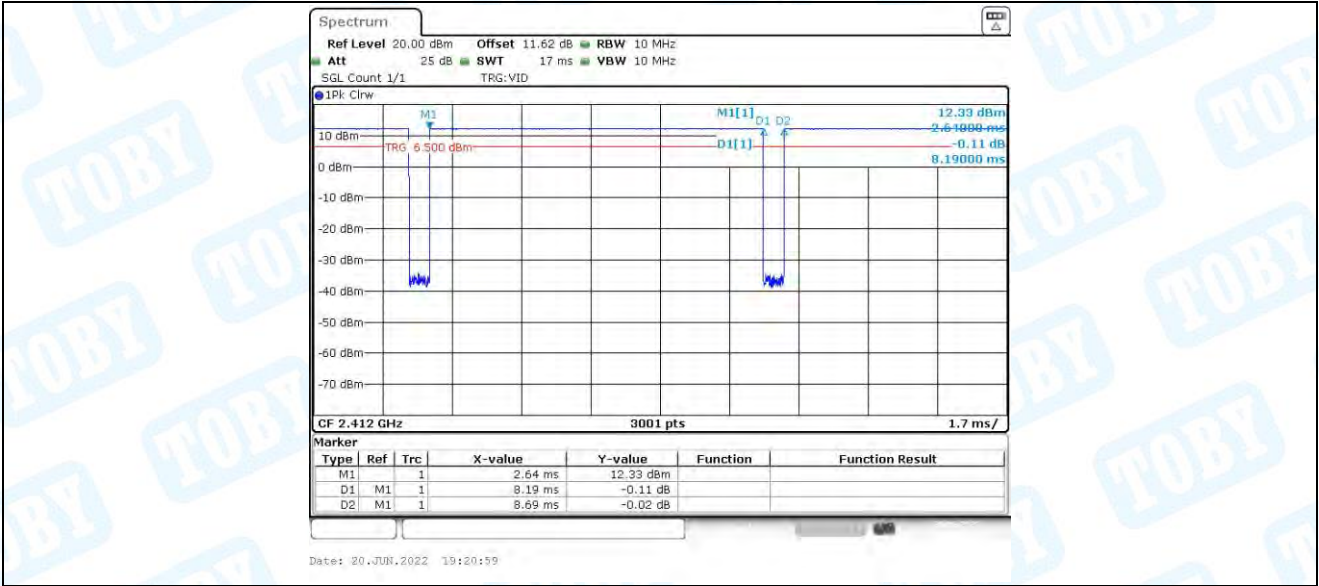


## 7. Duty Cycle

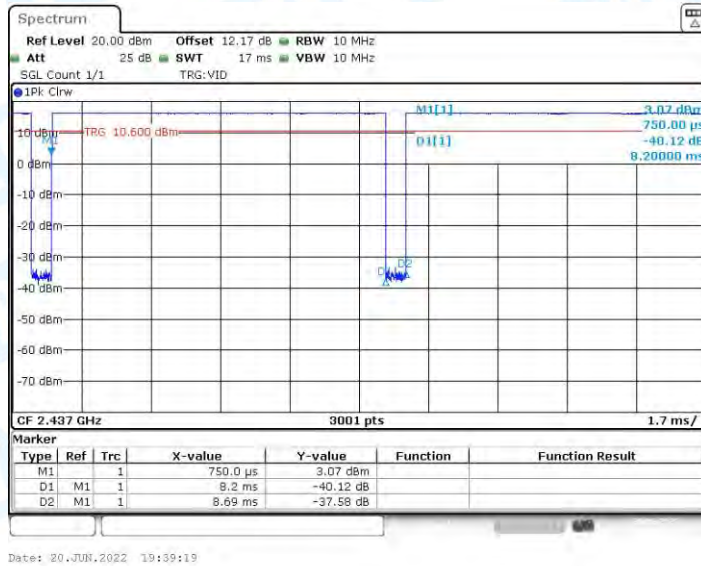
### 7.1. Test Result

TestMode	Antenna	Channel	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	1/T [KHz]	Limit	Verdict
11B	Ant1	2412	8.19	8.69	94.25	0.12	---	---
	Ant2	2412	8.20	8.70	94.25	0.12	---	---
	Ant1	2437	8.20	8.70	94.25	0.12	---	---
	Ant2	2437	8.20	8.69	94.36	0.12	---	---
	Ant1	2462	1.27	1.77	71.75	0.79	---	---
	Ant2	2462	8.19	8.69	94.25	0.12	---	---
11G	Ant1	2412	1.36	1.86	73.12	0.74	---	---
	Ant2	2412	1.36	1.86	73.12	0.74	---	---
	Ant1	2437	1.36	1.86	73.12	0.74	---	---
	Ant2	2437	1.36	1.86	73.12	0.74	---	---
	Ant1	2462	1.36	1.86	73.12	0.74	---	---
	Ant2	2462	1.36	1.86	73.12	0.74	---	---
11N20MIMO	Ant1	2412	1.27	1.77	71.75	0.79	---	---
	Ant2	2412	1.27	1.77	71.75	0.79	---	---
	Ant1	2437	1.27	1.78	71.35	0.79	---	---
	Ant2	2437	1.27	1.78	71.35	0.79	---	---
	Ant1	2462	1.27	1.77	71.75	0.79	---	---
	Ant2	2462	1.27	1.78	71.35	0.79	---	---
11N40MIMO	Ant1	2422	0.63	1.13	55.75	1.59	---	---
	Ant2	2422	0.63	1.13	55.75	1.59	---	---
	Ant1	2437	0.63	1.14	55.26	1.59	---	---
	Ant2	2437	0.64	1.14	56.14	1.56	---	---
	Ant1	2452	0.64	1.14	56.14	1.56	---	---
	Ant2	2452	0.63	1.14	55.26	1.59	---	---

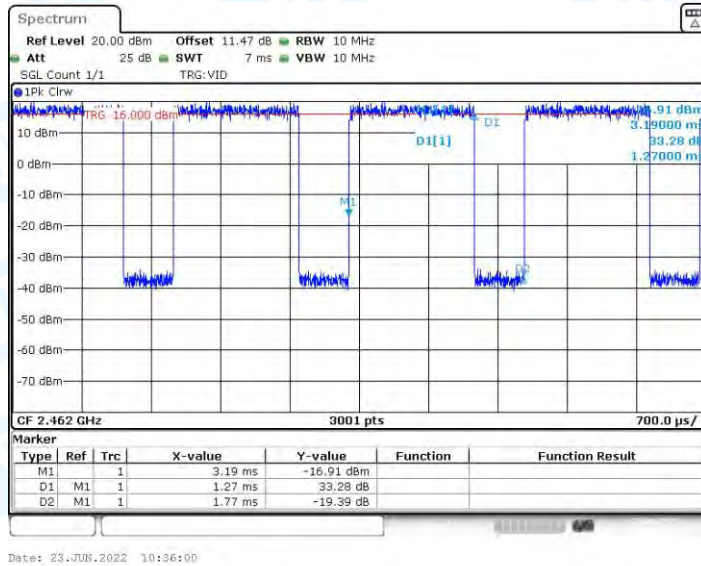
**7.2. Test Graphs**



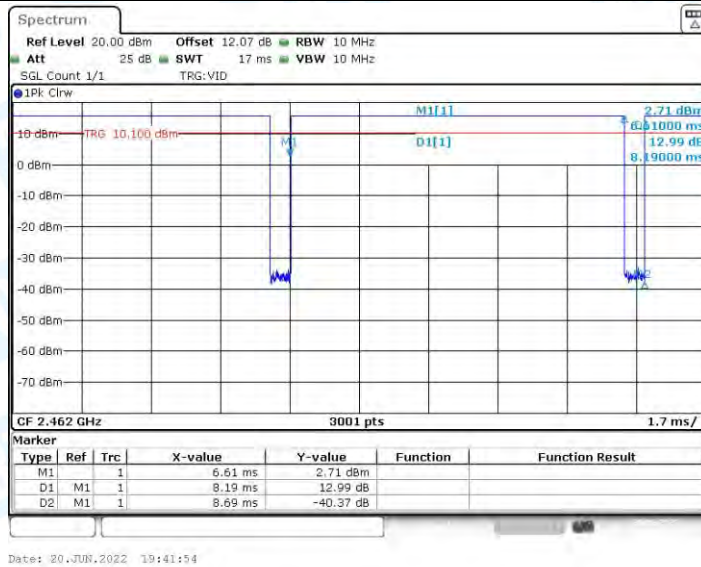




11B\_Ant2\_2437

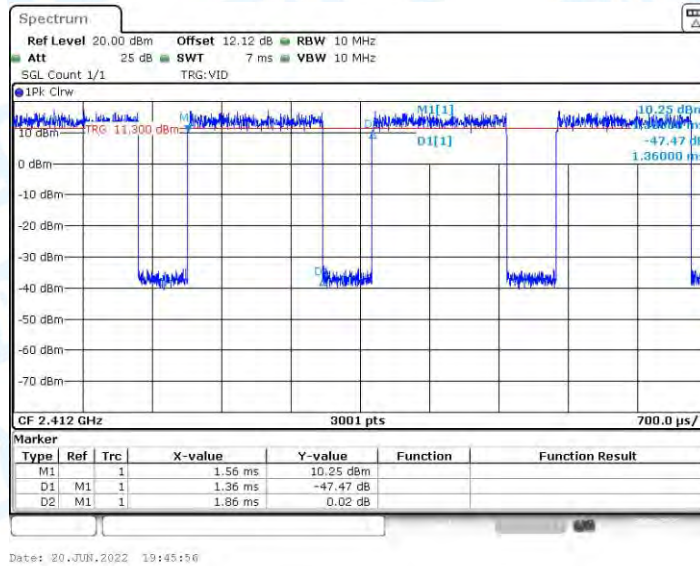


11B\_Ant1\_2462

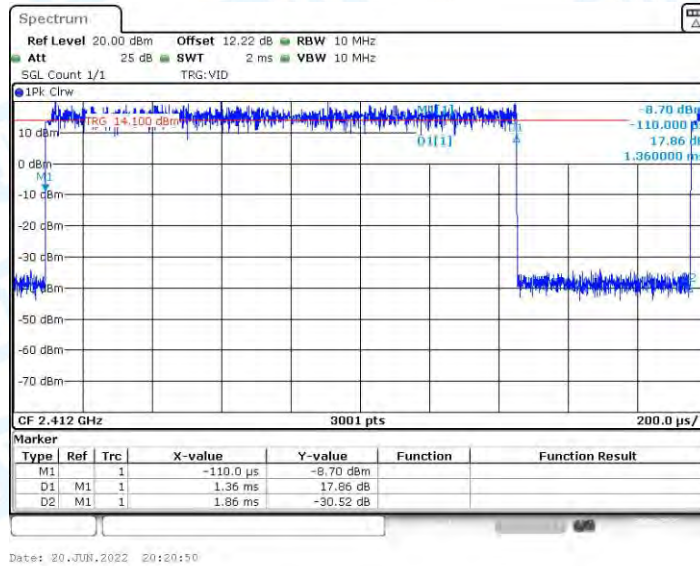


11B\_Ant2\_2462

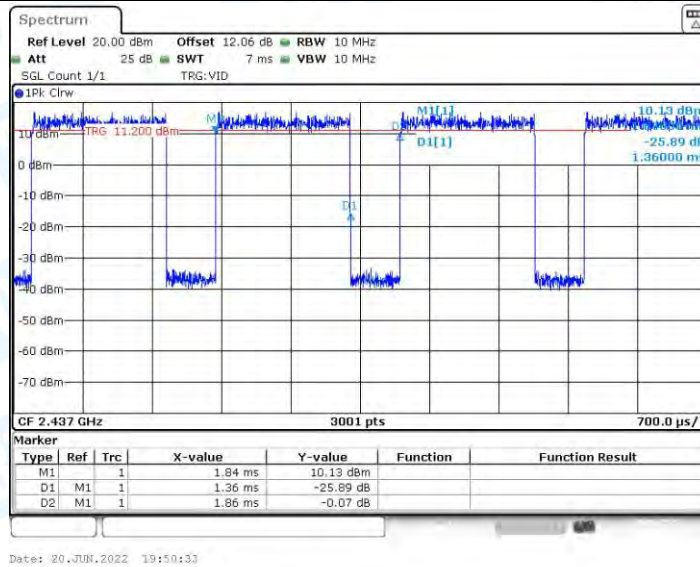




11G\_Ant1\_2412

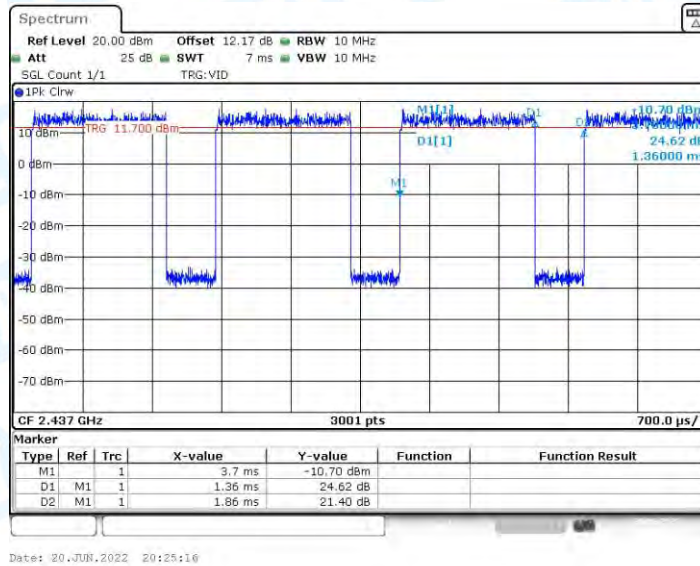


11G\_Ant2\_2412

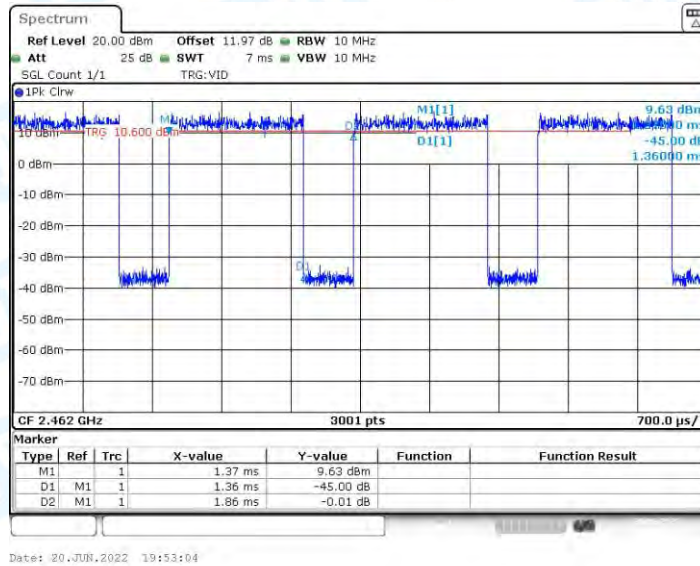


11G\_Ant1\_2437

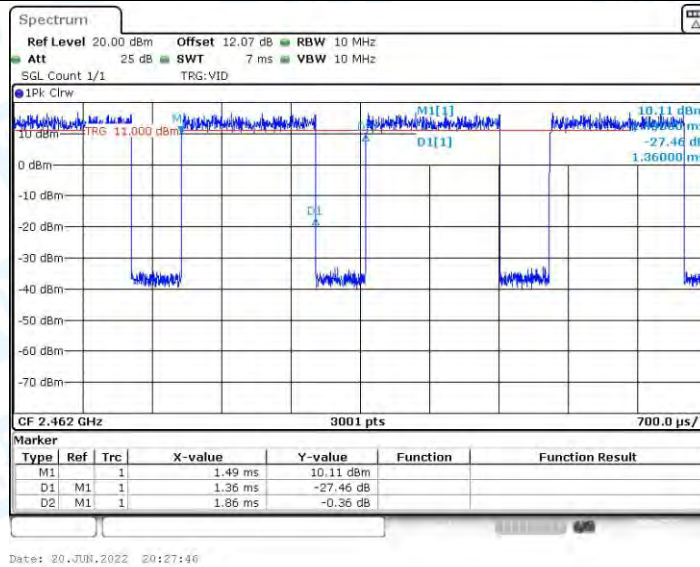




11G\_Ant2\_2437

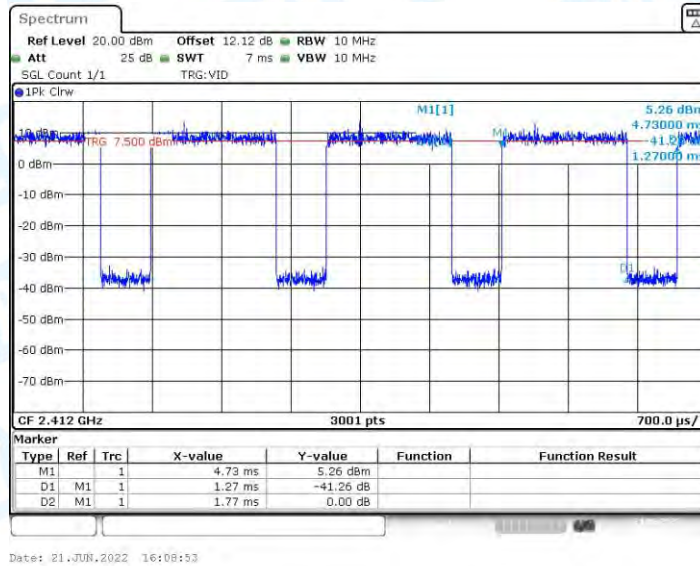


11G\_Ant1\_2462

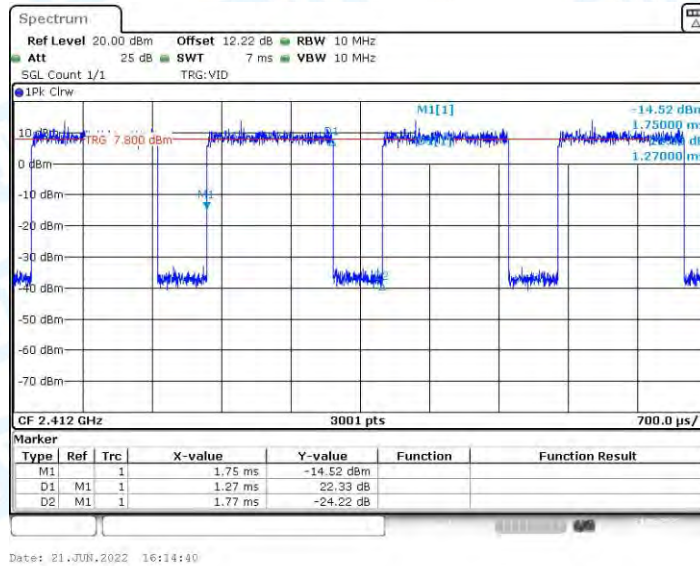


11G\_Ant2\_2462

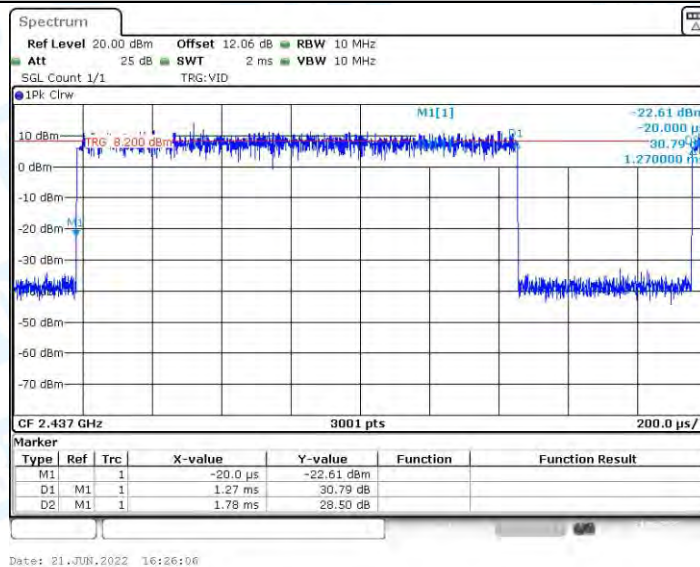




11N20MIMO\_Ant1\_2412

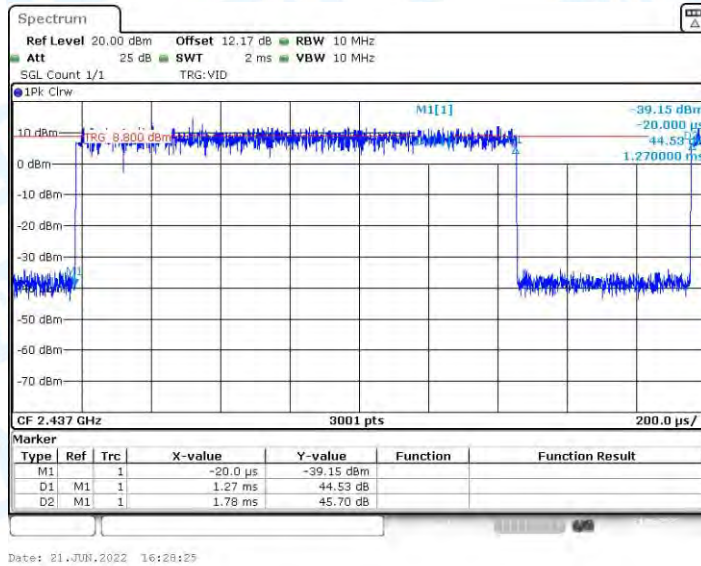


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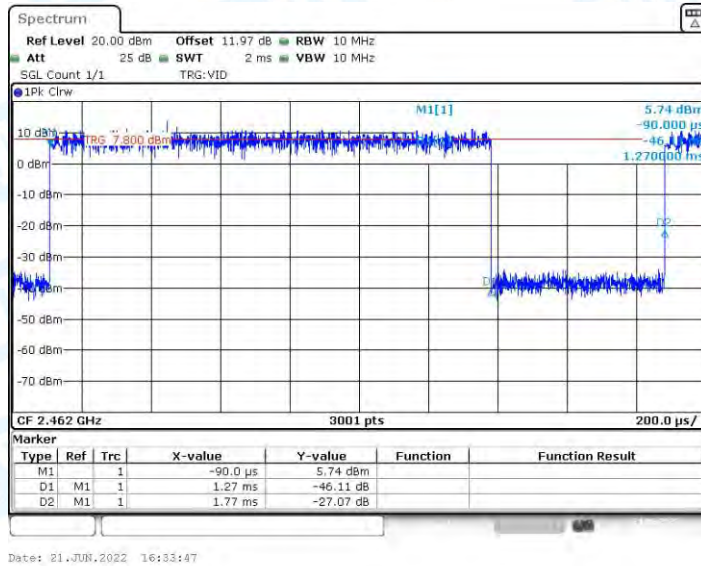


11N20MIMO\_Ant1\_2437

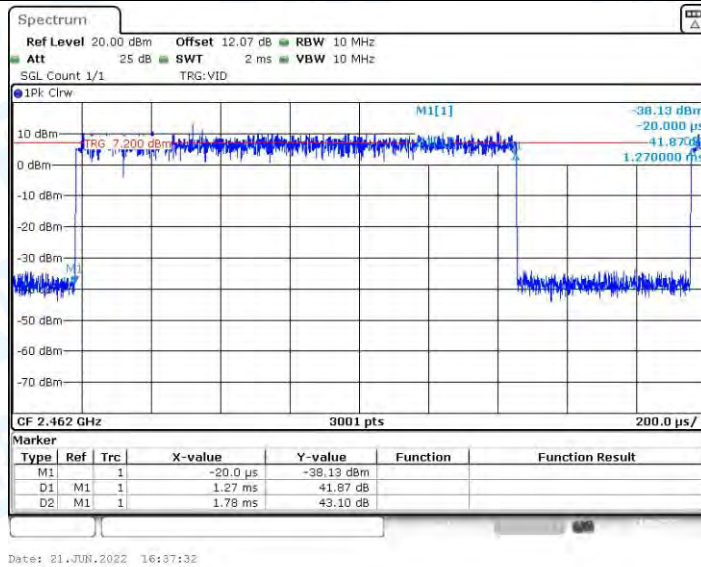




11N20MIMO\_Ant2\_2437

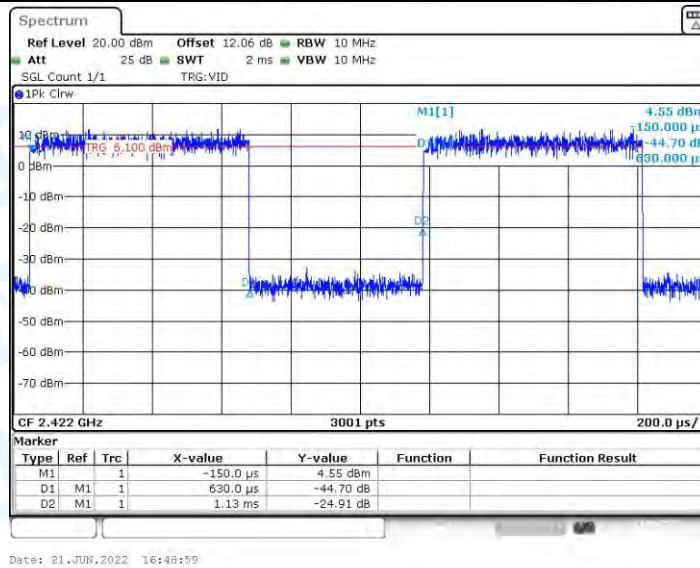


11N20MIMO\_Ant1\_2462

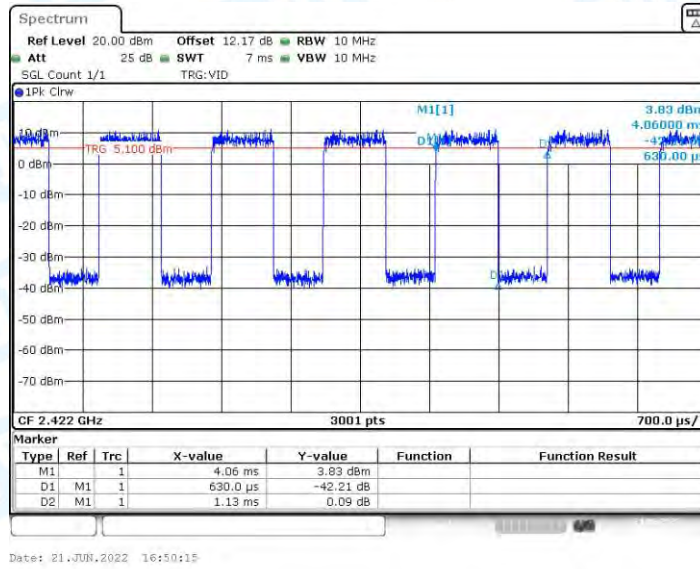


11N20MIMO\_Ant2\_2462

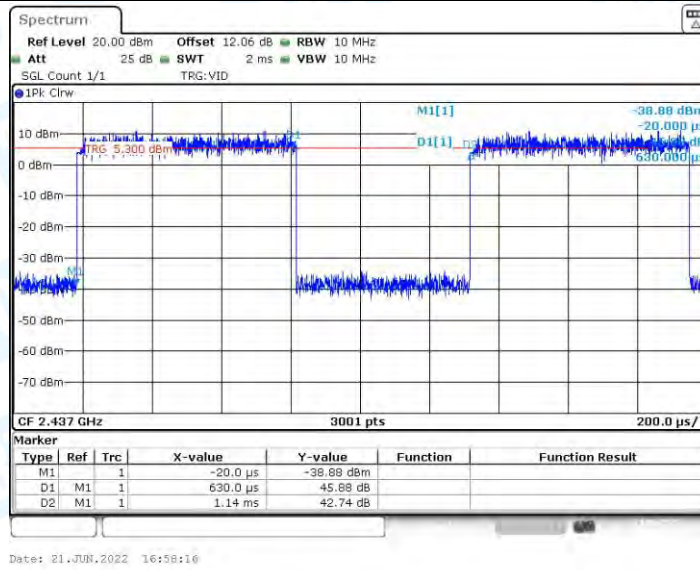




11N40MIMO\_Ant1\_2422

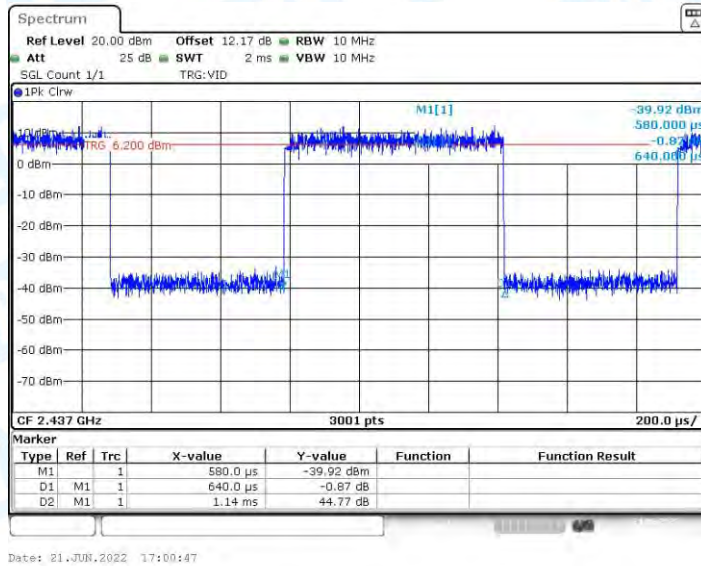


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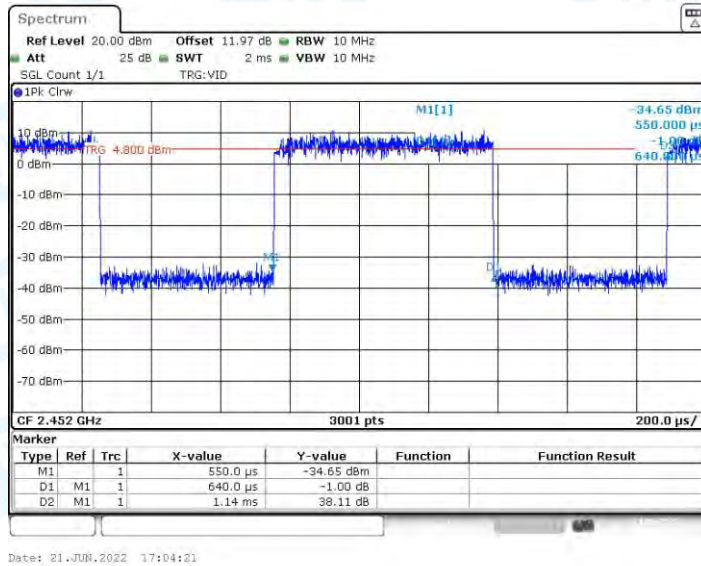


11N40MIMO\_Ant1\_2437

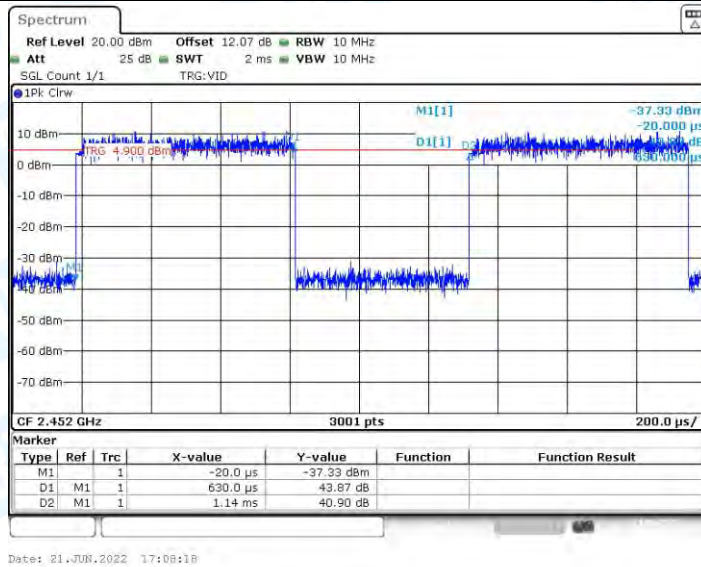




11N40MIMO\_Ant2\_2437



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	Ant1	Low	2412	AV	2310.000	-49.35	≤-41.20	PASS
				AV	2339.942	-47.03	≤-41.20	PASS
				AV	2390.000	-48.17	≤-41.20	PASS
				Peak	2310.000	-38.22	≤-21.20	PASS
				Peak	2339.942	-34.85	≤-21.20	PASS
				Peak	2390.000	-36.7	≤-21.20	PASS
	Ant2	Low	2412	AV	2310.000	-49.33	≤-41.20	PASS
				AV	2339.754	-46.97	≤-41.20	PASS
				AV	2390.000	-48.51	≤-41.20	PASS
				Peak	2310.000	-39.15	≤-21.20	PASS
				Peak	2341.449	-34.61	≤-21.20	PASS
				Peak	2390.000	-38.26	≤-21.20	PASS
	Ant1	High	2462	AV	2483.500	-47.98	≤-41.20	PASS
				AV	2483.522	-47.98	≤-41.20	PASS
				AV	2500.000	-48.7	≤-41.20	PASS
				Peak	2483.500	-35.12	≤-21.20	PASS
				Peak	2483.681	-35.11	≤-21.20	PASS
				Peak	2500.000	-36.77	≤-21.20	PASS
	Ant2	High	2462	AV	2483.500	-47.71	≤-41.20	PASS
				AV	2487.348	-47.68	≤-41.20	PASS
				AV	2500.000	-48.4	≤-41.20	PASS
				Peak	2483.500	-36.71	≤-21.20	PASS
				Peak	2499.942	-35.09	≤-21.20	PASS
				Peak	2500.000	-35.09	≤-21.20	PASS
11G	Ant1	Low	2412	AV	2310.000	-49.2	≤-41.20	PASS
				AV	2339.754	-46.63	≤-41.20	PASS
				AV	2390.000	-48.18	≤-41.20	PASS
				Peak	2310.000	-38.5	≤-21.20	PASS
				Peak	2387.043	-35.6	≤-21.20	PASS
				Peak	2390.000	-37.84	≤-21.20	PASS
	Ant2	Low	2412	AV	2310.000	-48.86	≤-41.20	PASS
				AV	2340.507	-46.33	≤-41.20	PASS
				AV	2390.000	-48	≤-41.20	PASS
				Peak	2310.000	-39.38	≤-21.20	PASS
				Peak	2341.261	-34.55	≤-21.20	PASS
				Peak	2390.000	-36.77	≤-21.20	PASS
	Ant1	High	2462	AV	2483.500	-47.7	≤-41.20	PASS
				AV	2495.638	-47.61	≤-41.20	PASS
				AV	2500.000	-48.22	≤-41.20	PASS
				Peak	2483.500	-37.75	≤-21.20	PASS
				Peak	2484.797	-36.18	≤-21.20	PASS
				Peak	2484.797	-36.18	≤-21.20	PASS



	Ant2	High	2462	Peak	2500.000	-37.17	≤-21.20	PASS
				AV	2483.500	-47.28	≤-41.20	PASS
				AV	2483.522	-47.28	≤-41.20	PASS
				AV	2500.000	-48.17	≤-41.20	PASS
				Peak	2483.500	-35.42	≤-21.20	PASS
				Peak	2483.522	-35.42	≤-21.20	PASS
				Peak	2500.000	-38.31	≤-21.20	PASS
11N20MIM O	Ant1	Low	2412	AV	2310.000	-49.24	≤-41.20	PASS
				AV	2340.319	-46.52	≤-41.20	PASS
				AV	2390.000	-48.95	≤-41.20	PASS
				Peak	2310.000	-38.15	≤-21.20	PASS
				Peak	2386.478	-35.82	≤-21.20	PASS
				Peak	2390.000	-36.89	≤-21.20	PASS
	Ant2	Low	2412	AV	2310.000	-49.15	≤-41.20	PASS
				AV	2340.130	-46.6	≤-41.20	PASS
				AV	2390.000	-48.73	≤-41.20	PASS
				Peak	2310.000	-37.18	≤-21.20	PASS
				Peak	2344.087	-35.37	≤-21.20	PASS
				Peak	2390.000	-38.87	≤-21.20	PASS
	total	Low	2412	AV	2310.000	-46.18	≤-41.20	PASS
				AV	2340.130	-43.55	≤-41.20	PASS
				AV	2390.000	-45.83	≤-41.20	PASS
				Peak	2310.000	-34.63	≤-21.20	PASS
				Peak	2344.087	-32.58	≤-21.20	PASS
				Peak	2390.000	-34.76	≤-21.20	PASS
	Ant1	High	2462	AV	2483.500	-47.89	≤-41.20	PASS
				AV	2483.681	-47.85	≤-41.20	PASS
				AV	2500.000	-48.19	≤-41.20	PASS
				Peak	2483.500	-36.97	≤-21.20	PASS
				Peak	2491.652	-35.92	≤-21.20	PASS
				Peak	2500.000	-38.17	≤-21.20	PASS
Ant2	High	2462	AV	2483.500	-47.84	≤-41.20	PASS	
			AV	2495.478	-47.8	≤-41.20	PASS	
			AV	2500.000	-48.27	≤-41.20	PASS	
			Peak	2483.500	-37.67	≤-21.20	PASS	
			Peak	2498.826	-35.88	≤-21.20	PASS	
			Peak	2500.000	-37.02	≤-21.20	PASS	
total	High	2462	AV	2483.500	-44.85	≤-41.20	PASS	
			AV	2495.478	-44.81	≤-41.20	PASS	
			AV	2500.000	-45.22	≤-41.20	PASS	
			Peak	2483.500	-34.30	≤-21.20	PASS	
			Peak	2498.826	-32.89	≤-21.20	PASS	
			Peak	2500.000	-34.55	≤-21.20	PASS	
11N40MIM O	Ant1	Low	2422	AV	2310.000	-48.7	≤-41.20	PASS
				AV	2341.449	-46.1	≤-41.20	PASS
				AV	2390.000	-48.13	≤-41.20	PASS



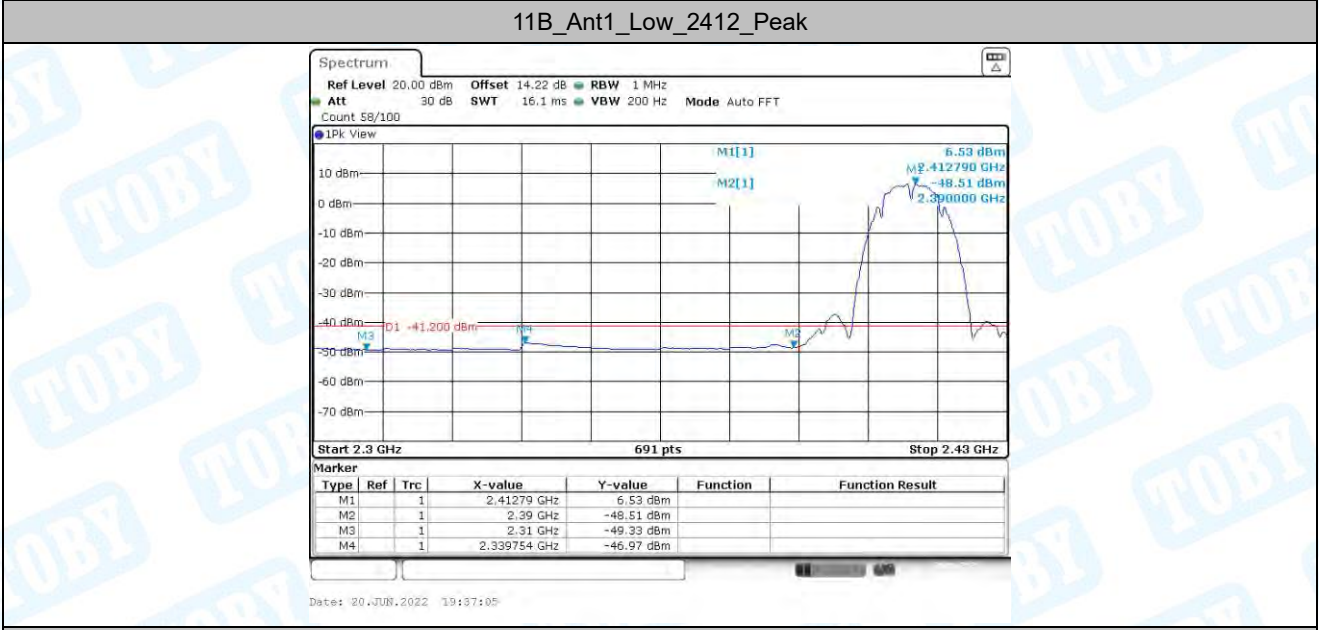
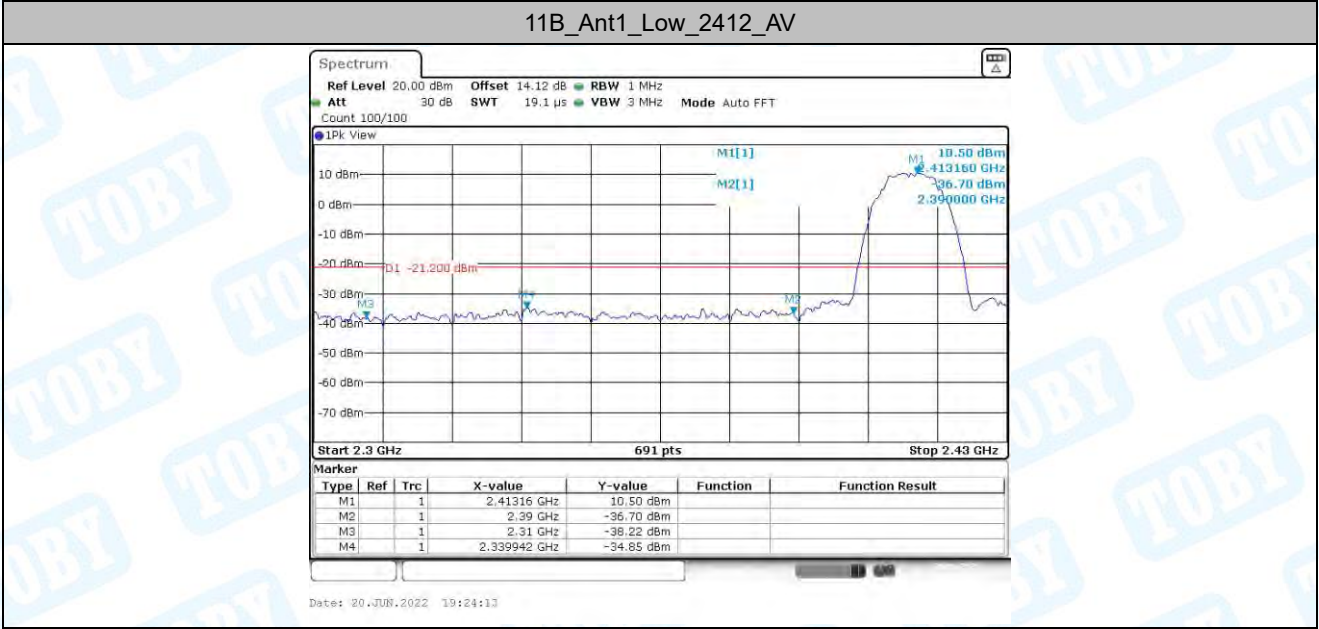
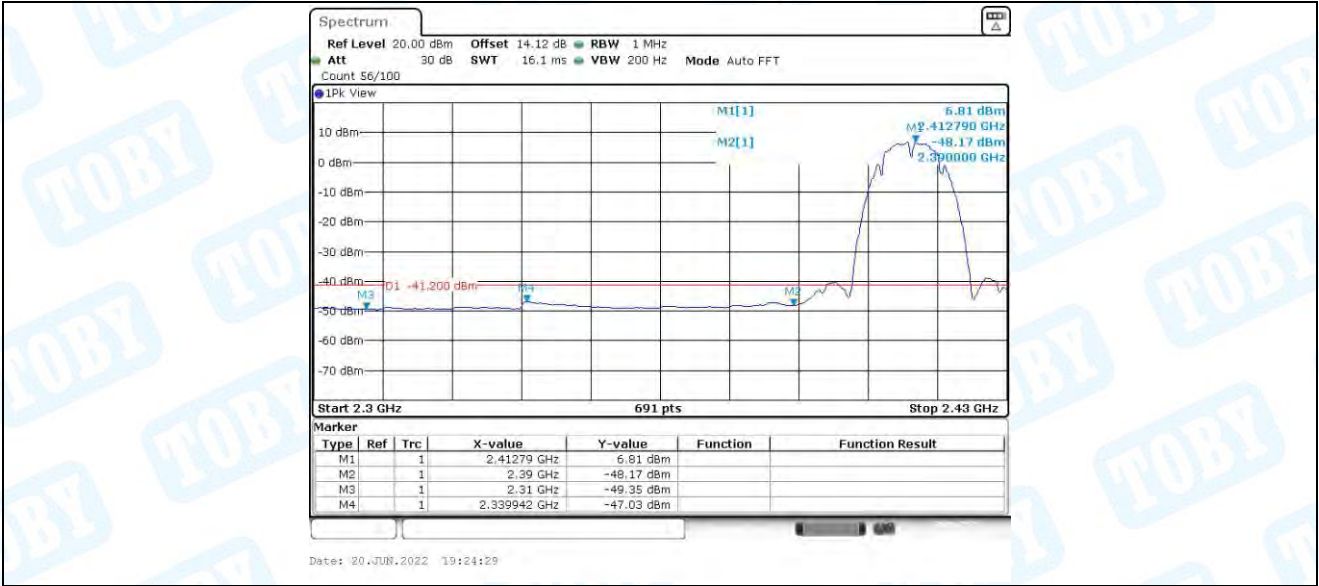
				Peak	2310.000	-39.69	≤-21.20	PASS
				Peak	2381.768	-33.88	≤-21.20	PASS
				Peak	2390.000	-37.23	≤-21.20	PASS
	Ant2	Low	2422	AV	2310.000	-48.43	≤-41.20	PASS
				AV	2339.565	-46.21	≤-41.20	PASS
				AV	2390.000	-47.33	≤-41.20	PASS
				Peak	2310.000	-38.97	≤-21.20	PASS
				Peak	2389.870	-30.83	≤-21.20	PASS
	total	Low	2422	Peak	2390.000	-30.76	≤-21.20	PASS
				AV	2310.000	-45.55	≤-41.20	PASS
				AV	2339.565	-43.14	≤-41.20	PASS
				AV	2390.000	-44.70	≤-41.20	PASS
				Peak	2310.000	-36.30	≤-21.20	PASS
	Ant1	High	2452	Peak	2389.870	-29.08	≤-21.20	PASS
				Peak	2390.000	-29.88	≤-21.20	PASS
				AV	2483.500	-47.57	≤-41.20	PASS
				AV	2485.913	-47.42	≤-41.20	PASS
				AV	2500.000	-47.98	≤-41.20	PASS
	Ant2	High	2452	Peak	2483.500	-36.27	≤-21.20	PASS
				Peak	2489.899	-36.04	≤-21.20	PASS
				Peak	2500.000	-37.38	≤-21.20	PASS
AV				2483.500	-46.62	≤-41.20	PASS	
AV				2484.159	-46.54	≤-41.20	PASS	
total	High	2452	AV	2500.000	-47.77	≤-41.20	PASS	
			Peak	2483.500	-36.79	≤-21.20	PASS	
			Peak	2485.594	-36.07	≤-21.20	PASS	
			Peak	2500.000	-36.97	≤-21.20	PASS	
			AV	2483.500	-44.06	≤-41.20	PASS	
				AV	2484.159	-43.95	≤-41.20	PASS
				AV	2500.000	-44.86	≤-41.20	PASS
				Peak	2483.500	-33.51	≤-21.20	PASS
				Peak	2485.594	-33.04	≤-21.20	PASS
				Peak	2500.000	-34.16	≤-21.20	PASS

Note:

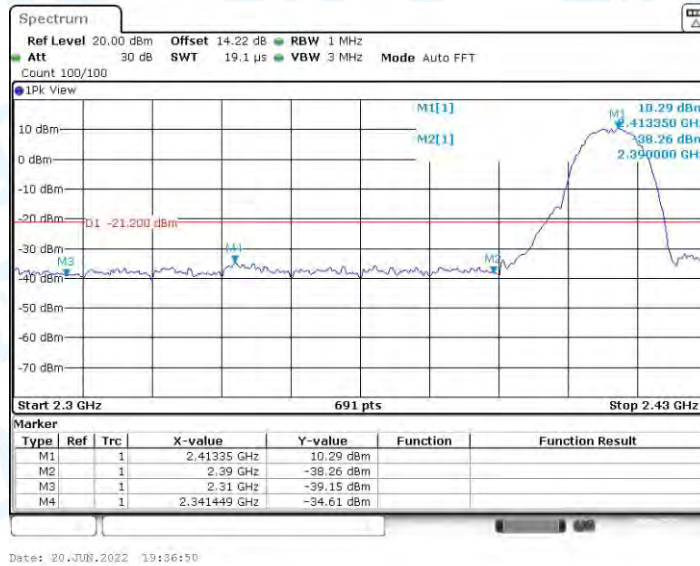
1. The Antenna Gain is compensated in the graph.
2. The limit in dBm for average detector is conversion from 54dBuV/m, according to 15.209(a). The limit in dBm for peak detector is 20dB above the limit of average detector in dBm.



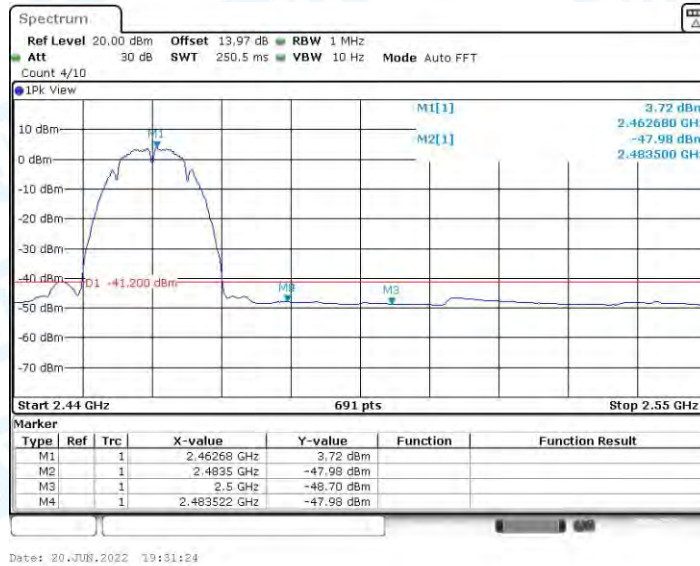
**8.2. Test Graphs**



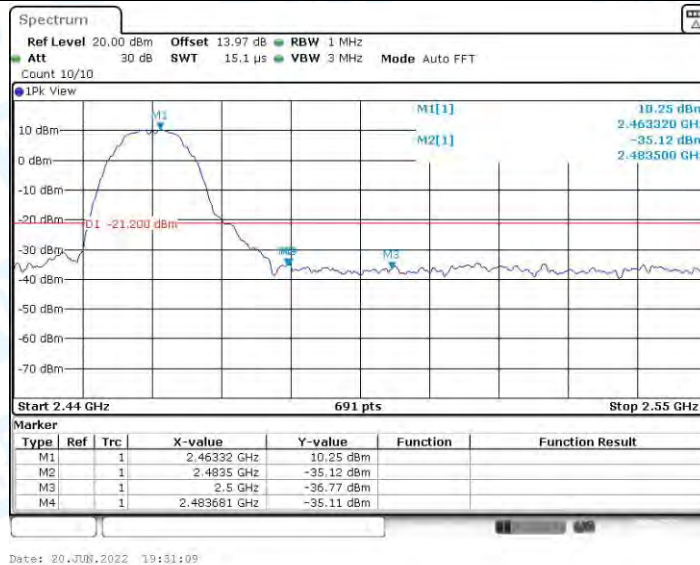
**11B\_Ant2\_Low\_2412\_AV**



11B\_Ant2\_Low\_2412\_Peak

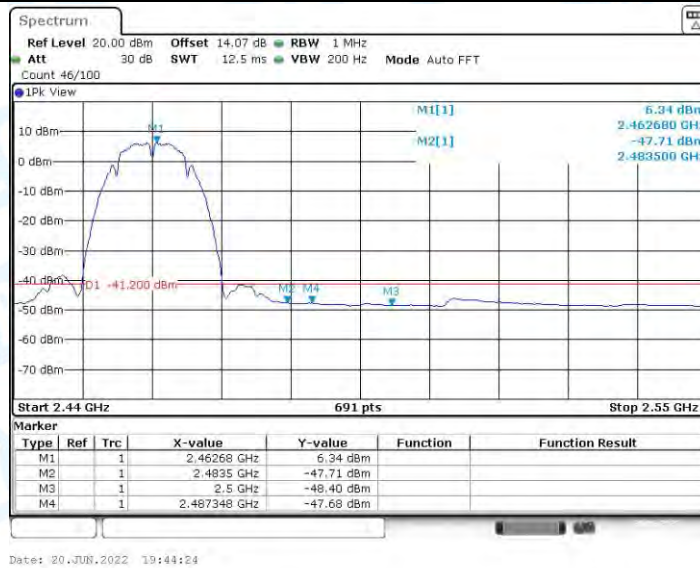


11B\_Ant1\_High\_2462\_AV

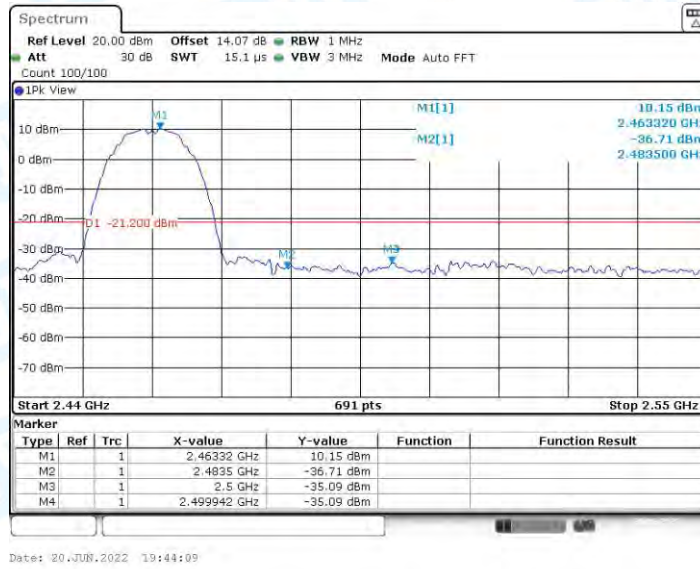


11B\_Ant1\_High\_2462\_Peak

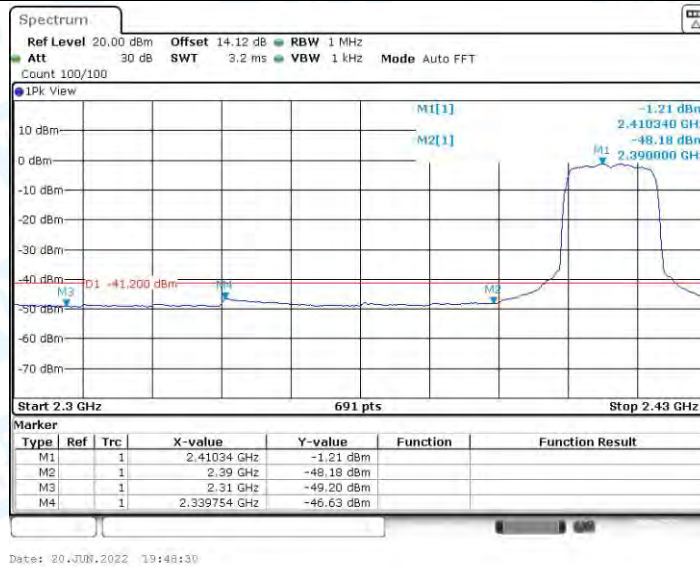




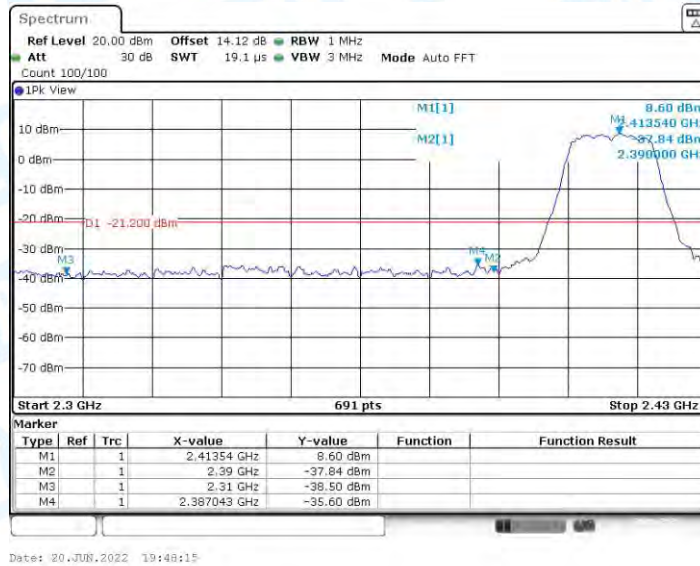
11B\_Ant2\_High\_2462\_AV



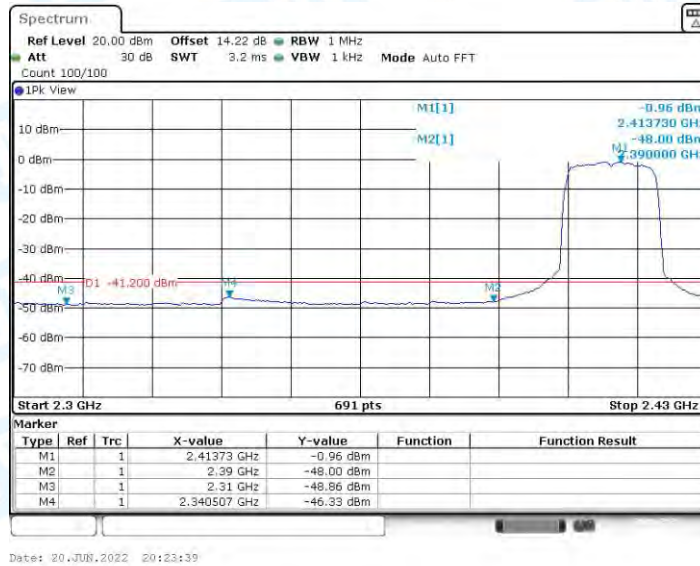
11B\_Ant2\_High\_2462\_Peak



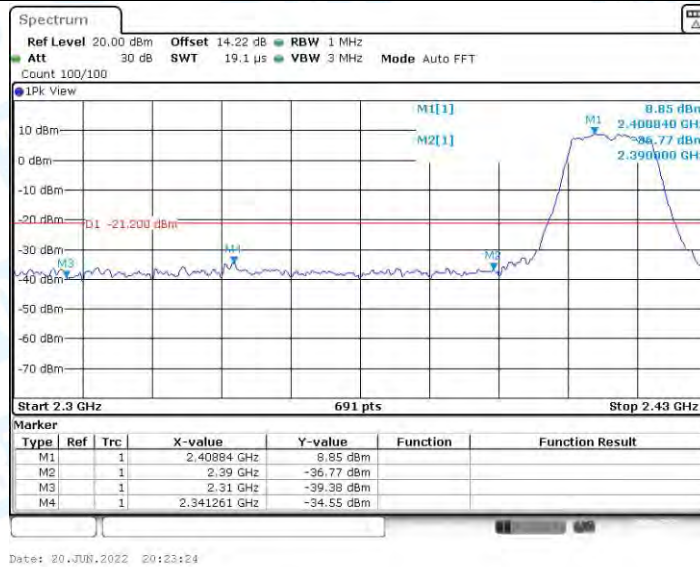
11G\_Ant1\_Low\_2412\_AV



11G\_Ant1\_Low\_2412\_Peak

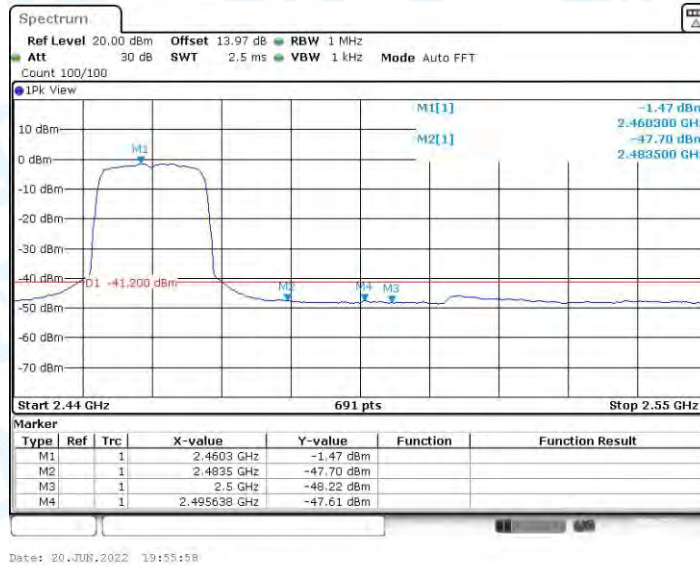


11G\_Ant2\_Low\_2412\_AV

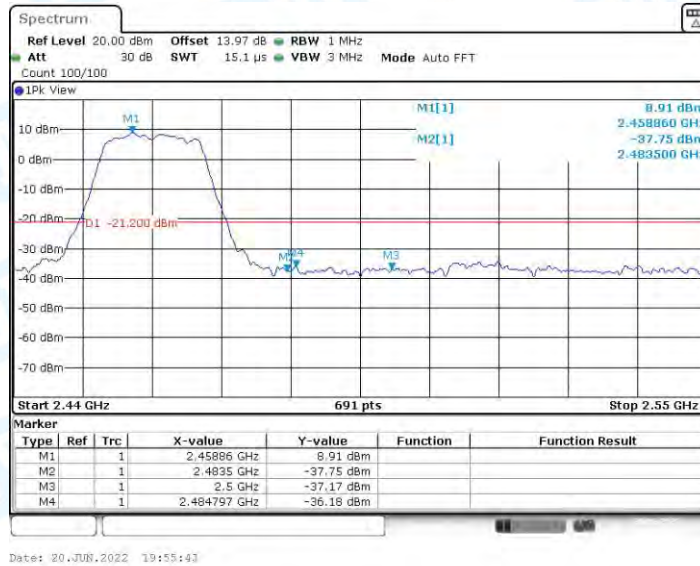


11G\_Ant2\_Low\_2412\_Peak

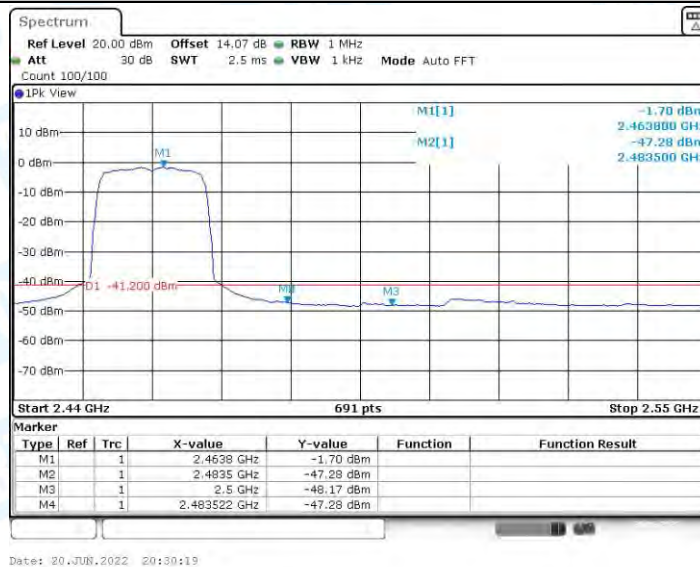




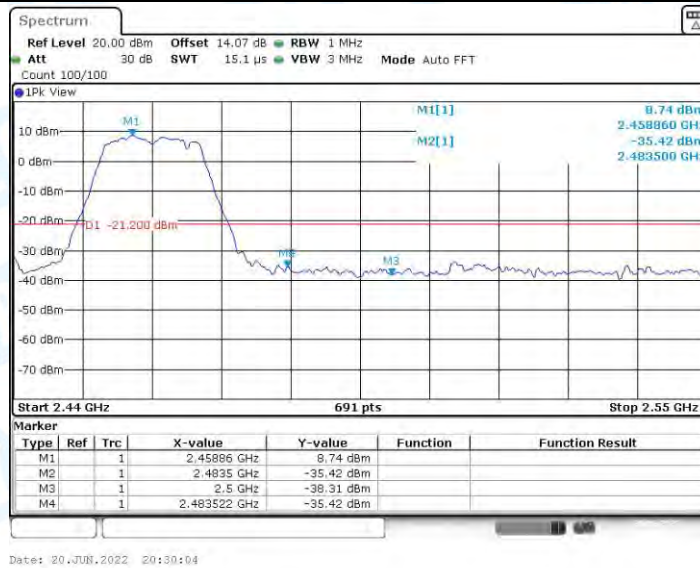
11G\_Ant1\_High\_2462\_AV



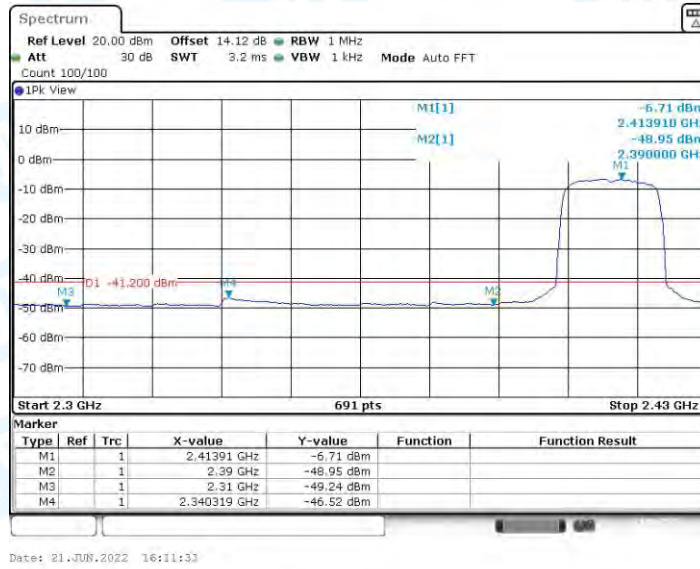
11G\_Ant1\_High\_2462\_Peak



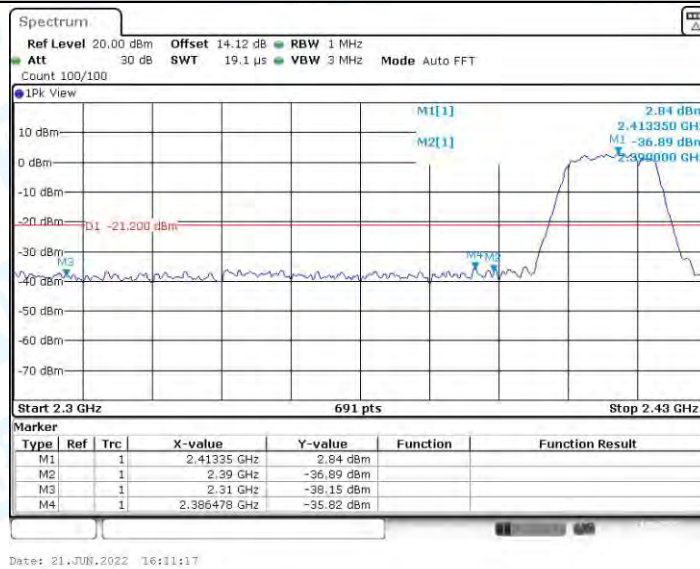
11G\_Ant2\_High\_2462\_AV



### 11G\_Ant2\_High\_2462\_Peak

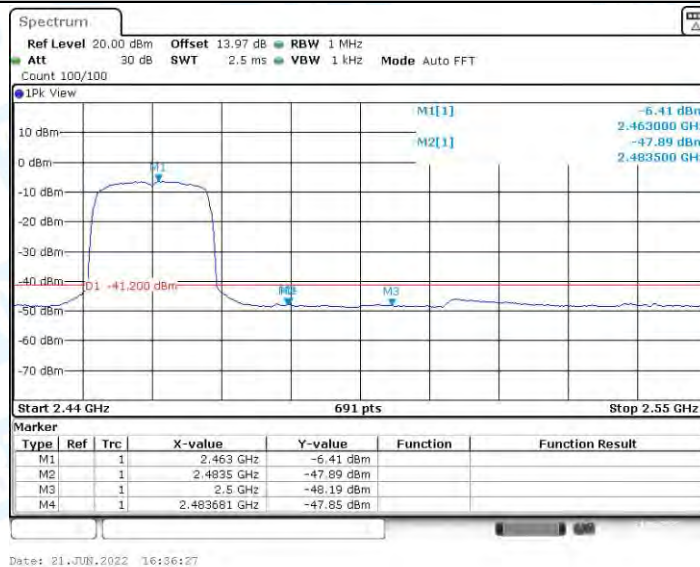
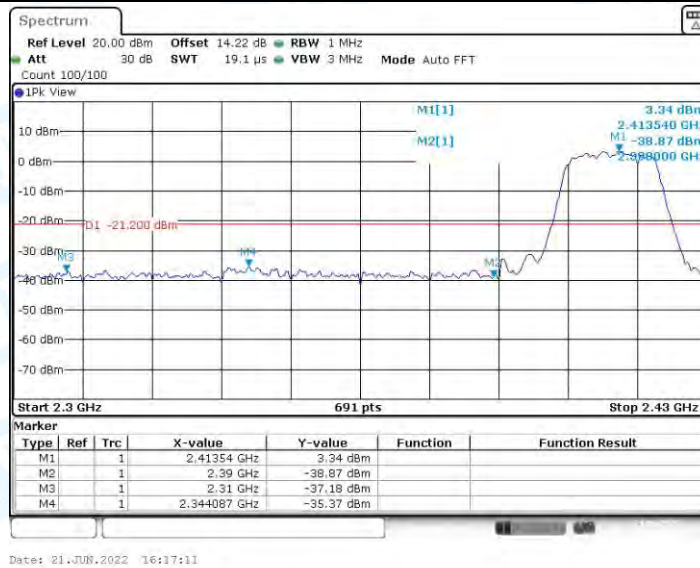
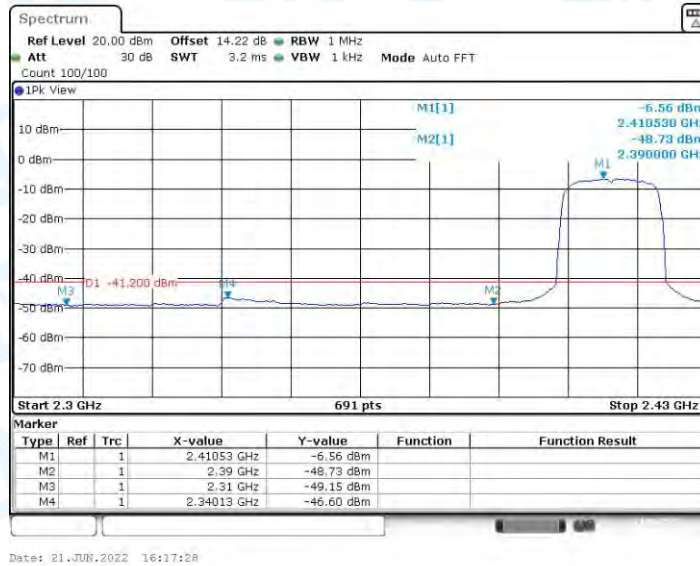


### 11N20MIMO\_Ant1\_Low\_2412\_AV

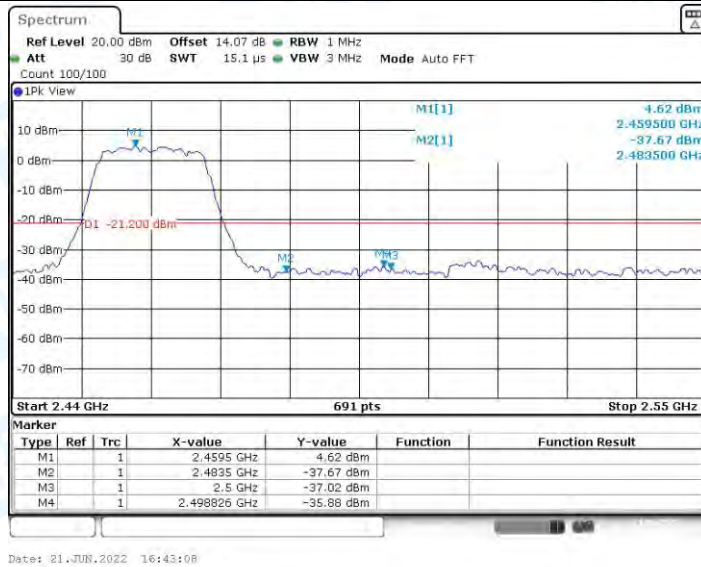
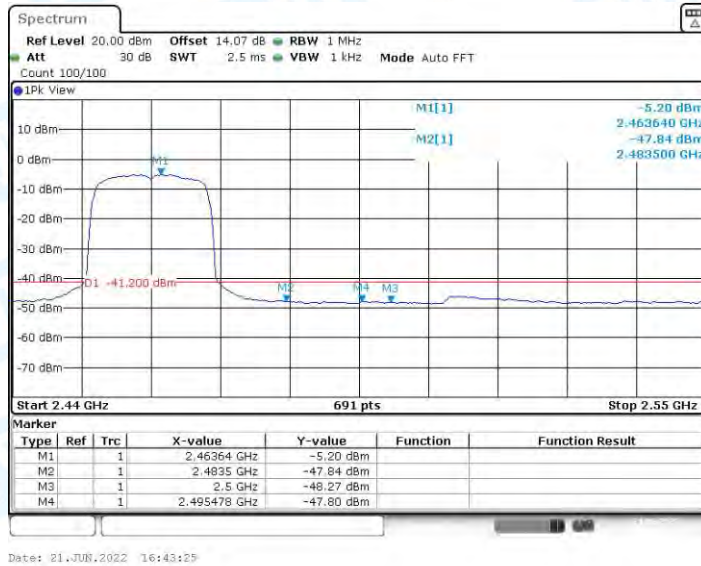
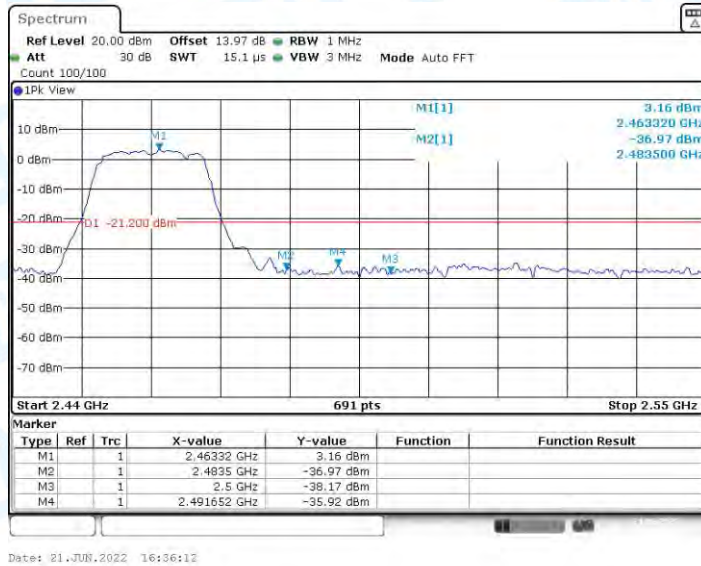


### 11N20MIMO\_Ant1\_Low\_2412\_Peak

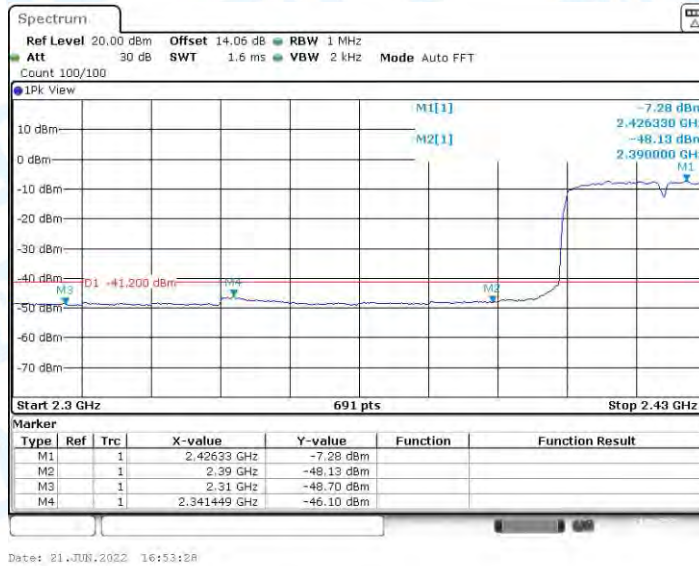




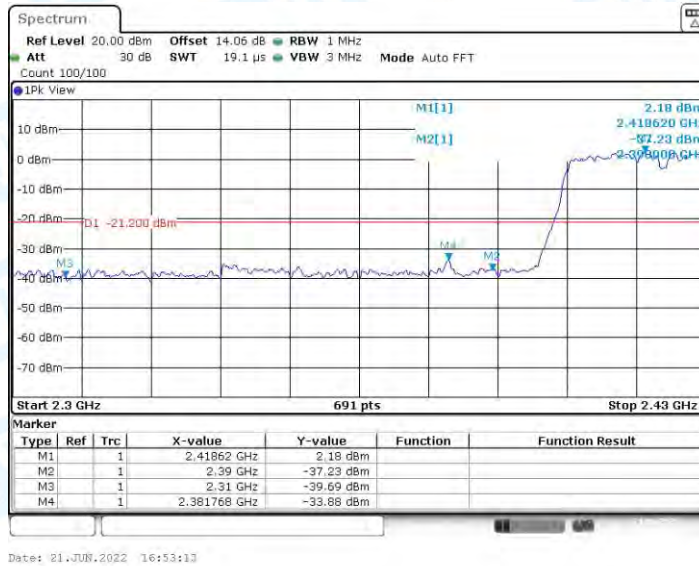




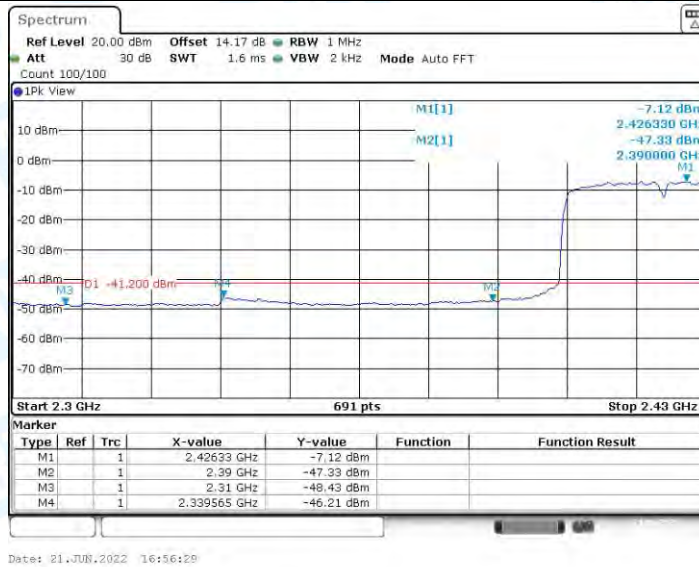




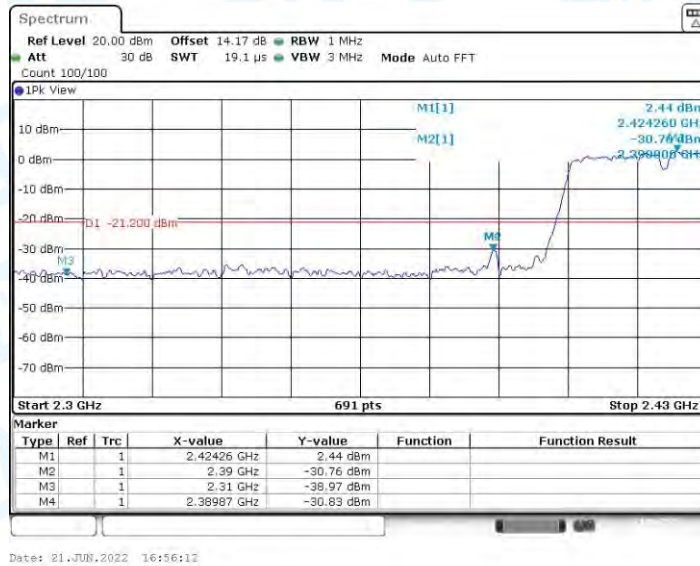
11N40MIMO\_Ant1\_Low\_2422\_AV



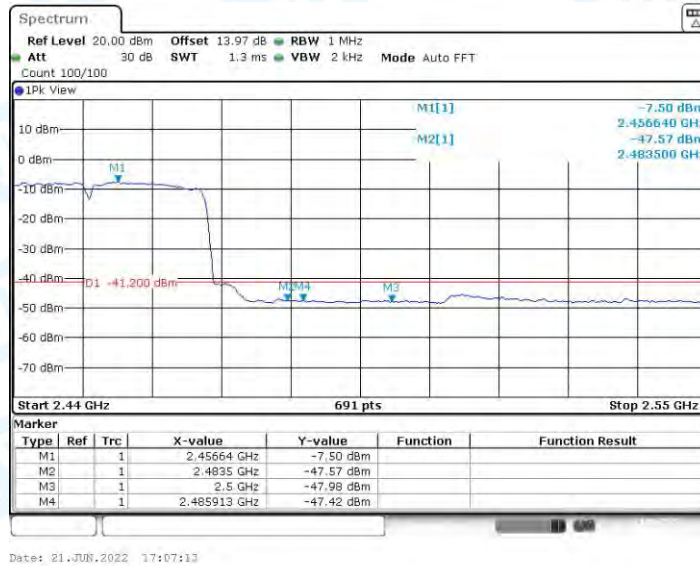
11N40MIMO\_Ant1\_Low\_2422\_Peak



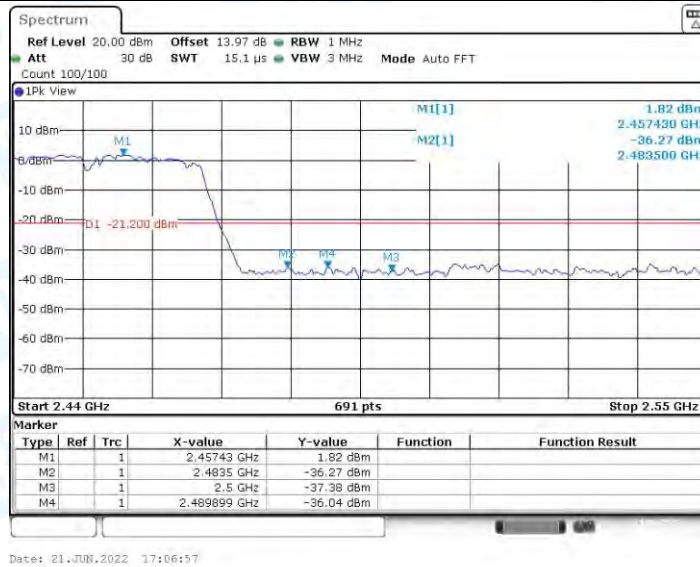
11N40MIMO\_Ant2\_Low\_2422\_AV



11N40MIMO\_Ant2\_Low\_2422\_Peak

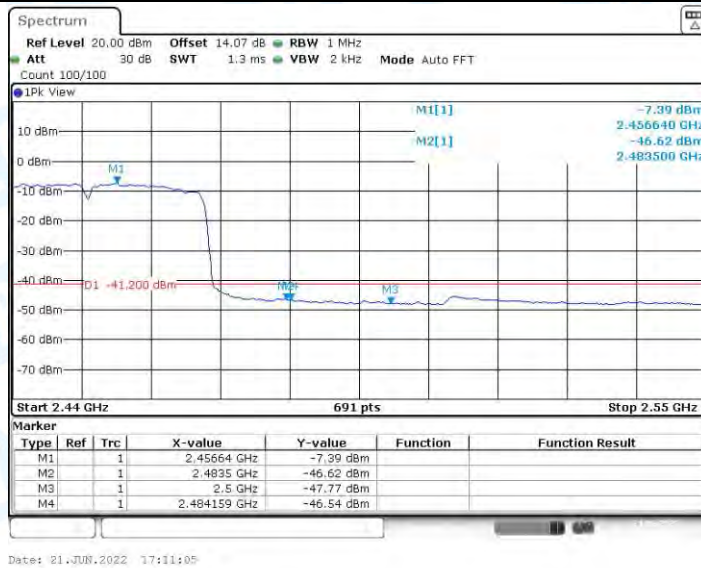


11N40MIMO\_Ant1\_High\_2452\_AV

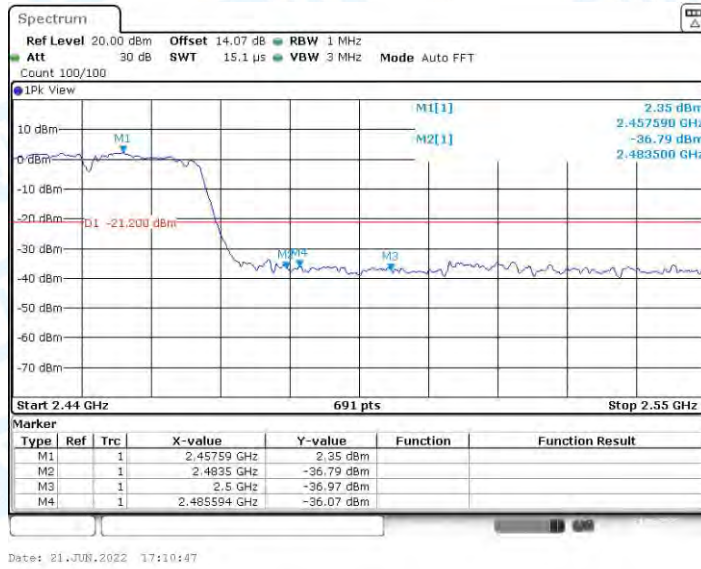


11N40MIMO\_Ant1\_High\_2452\_Peak





11N40MIMO\_Ant2\_High\_2452\_AV



11N40MIMO\_Ant2\_High\_2452\_Peak

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