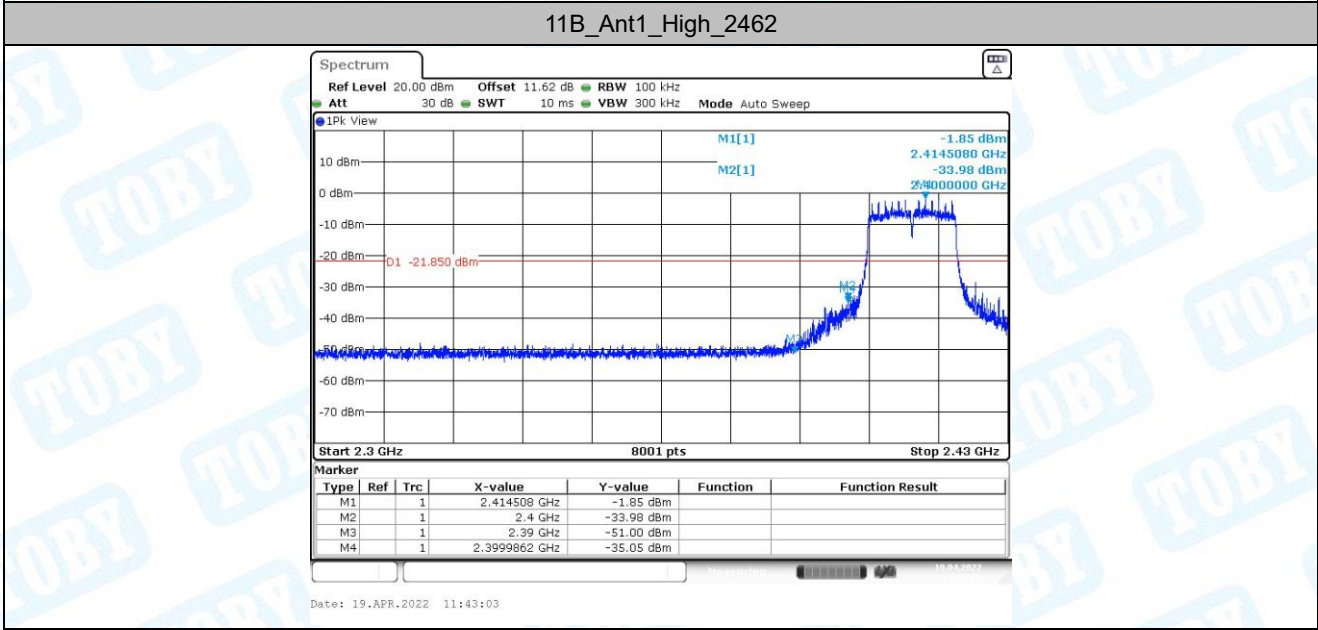
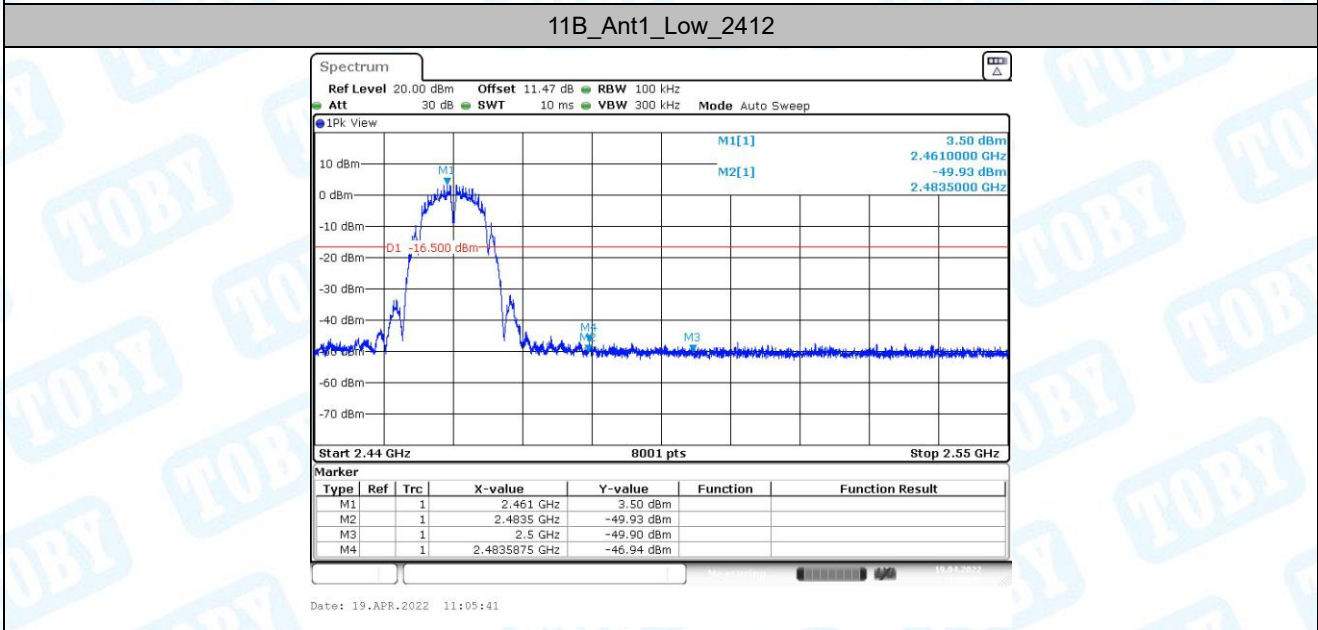
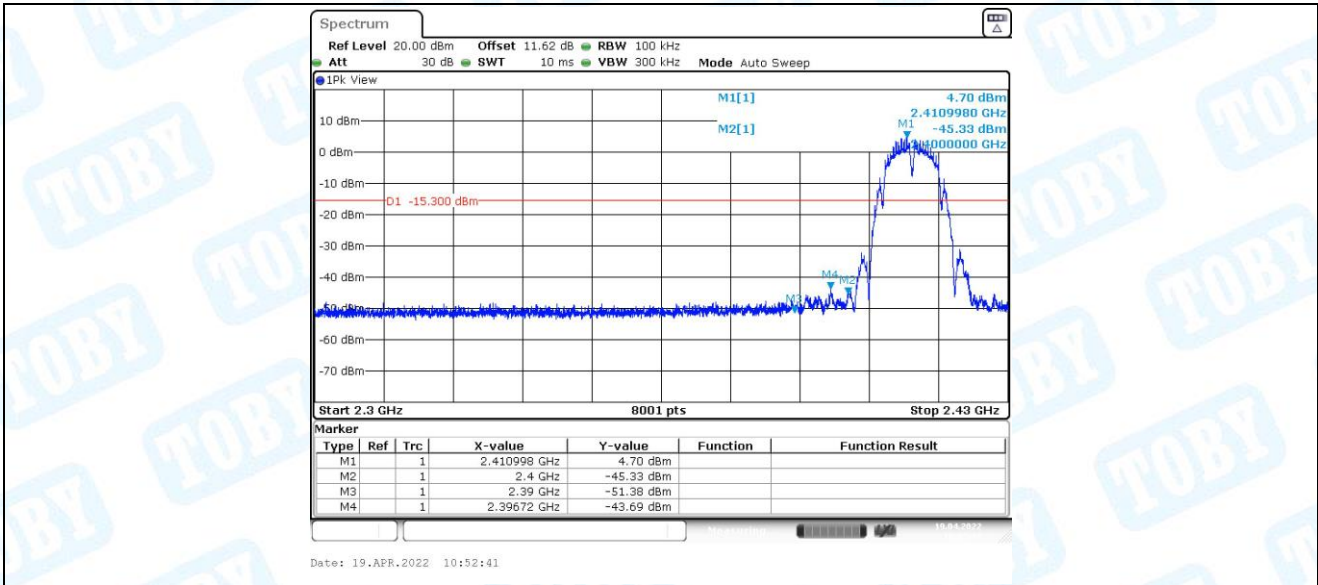


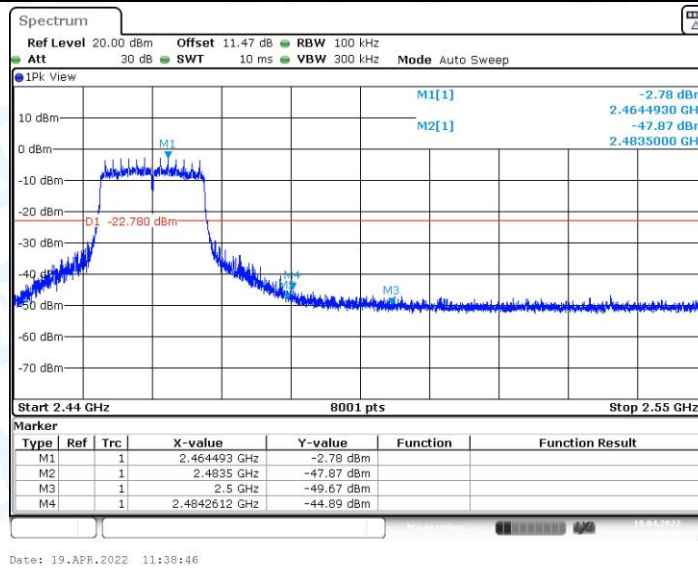
## 5. Band edge measurements

### 5.1. Test Result

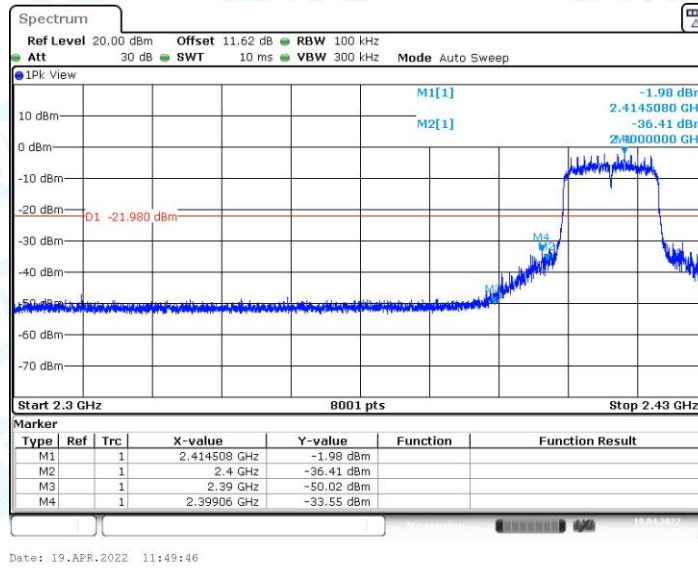
TestMode	Antenna	ChName	Channel	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	Low	2412	4.70	-43.69	≤-15.3	PASS
		High	2462	3.50	-46.94	≤-16.5	PASS
11G	Ant1	Low	2412	-1.85	-35.05	≤-21.85	PASS
		High	2462	-2.78	-44.89	≤-22.78	PASS
11N20SISO	Ant1	Low	2412	-1.98	-33.55	≤-21.98	PASS
		High	2462	-2.94	-44.71	≤-22.94	PASS
11N40SISO	Ant1	Low	2422	-4.49	-37.1	≤-24.49	PASS
		High	2452	-4.98	-40.96	≤-24.98	PASS

**5.2. Test Graphs**

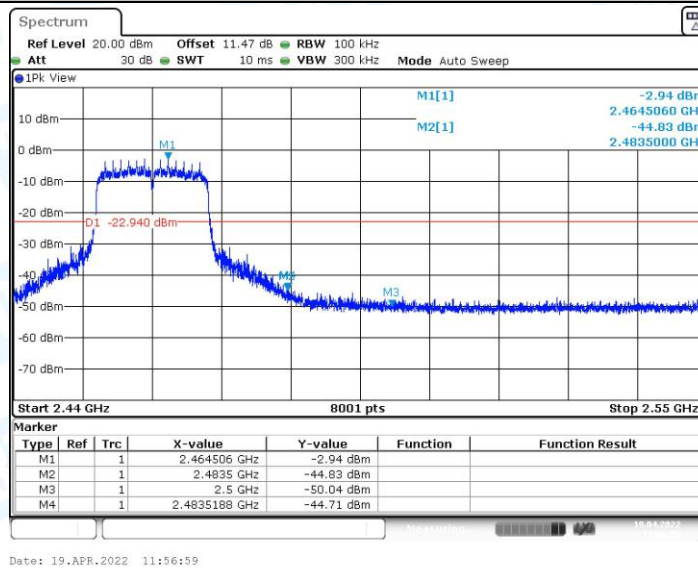




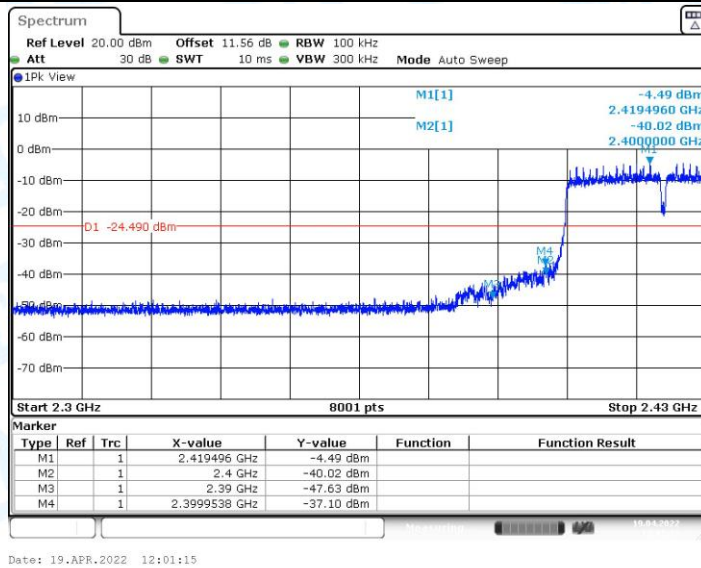
11G\_Ant1\_High\_2462



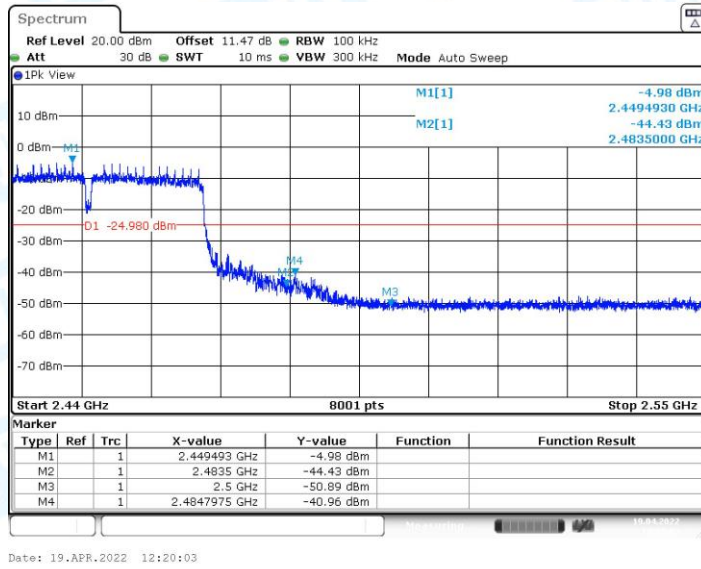
11N20SISO\_Ant1\_Low\_2412



11N20SISO\_Ant1\_High\_2462



11N40SISO\_Ant1\_Low\_2422



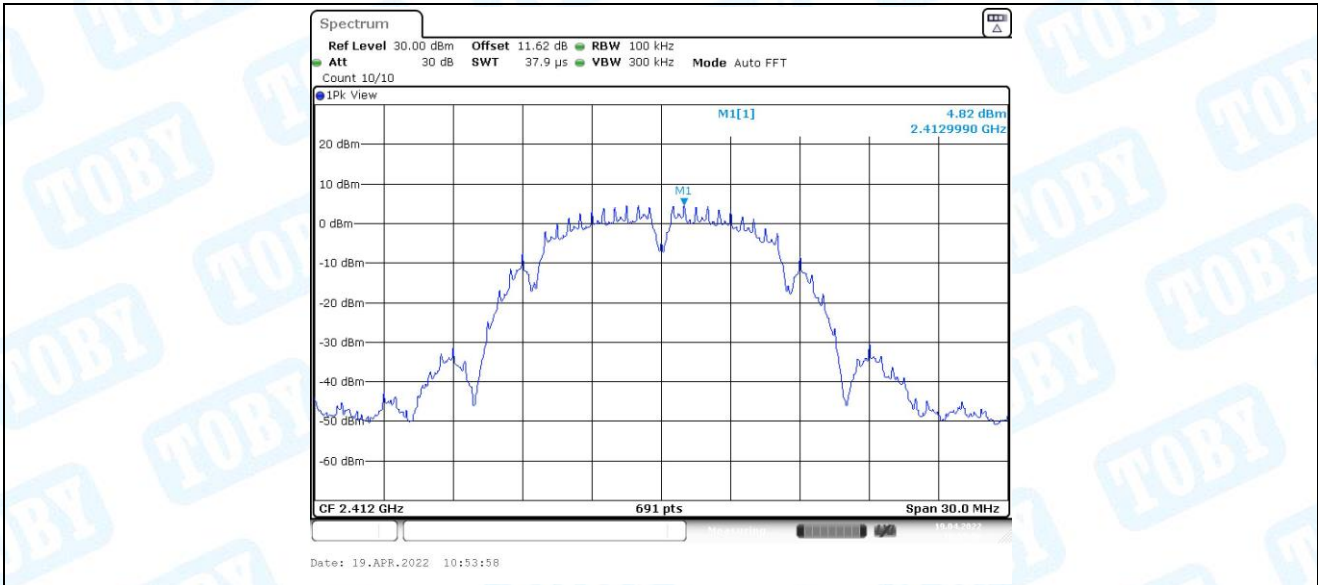
11N40SISO\_Ant1\_High\_2452

## 6. Conducted Spurious Emission

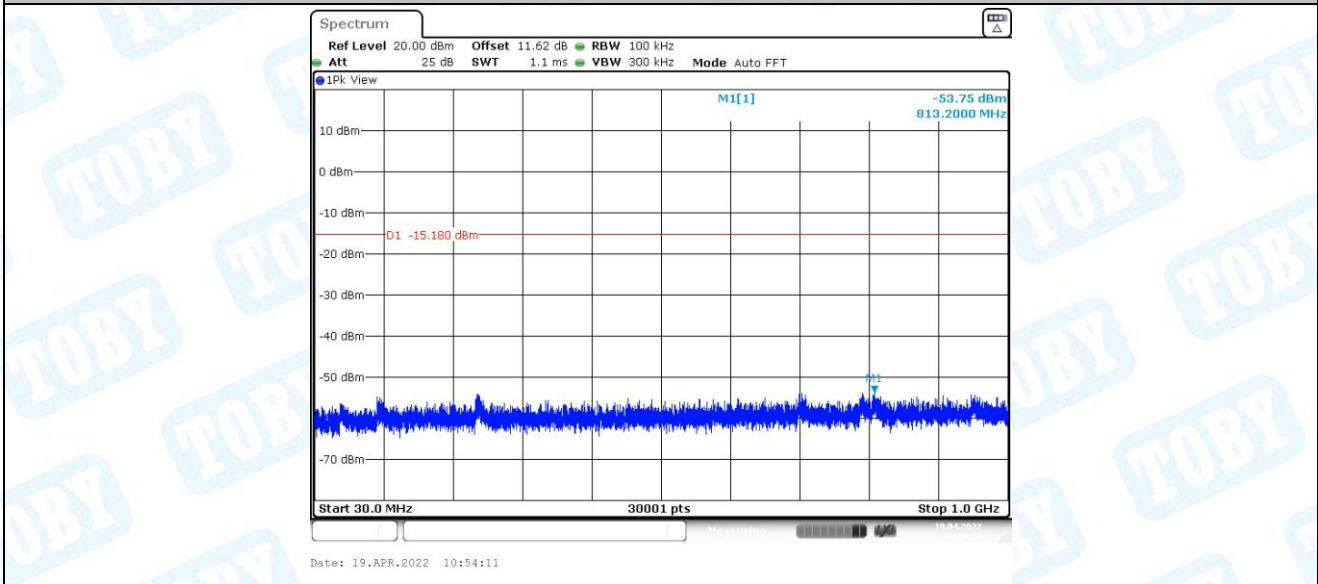
### 6.1. Test Result

TestMode	Antenna	Channel	FreqRange [Mhz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	Reference	4.82	4.82	---	PASS
			30~1000	4.82	-53.75	≤-15.18	PASS
			1000~26500	4.82	-47.75	≤-15.18	PASS
		2437	Reference	3.93	3.93	---	PASS
			30~1000	3.93	-53.8	≤-16.07	PASS
			1000~26500	3.93	-47.3	≤-16.07	PASS
		2462	Reference	3.20	3.20	---	PASS
			30~1000	3.20	-53.57	≤-16.8	PASS
			1000~26500	3.20	-47.03	≤-16.8	PASS
11G	Ant1	2412	Reference	-1.62	-1.62	---	PASS
			30~1000	-1.62	-53.28	≤-21.62	PASS
			1000~26500	-1.62	-47.42	≤-21.62	PASS
		2437	Reference	-1.80	-1.80	---	PASS
			30~1000	-1.80	-52.87	≤-21.8	PASS
			1000~26500	-1.80	-47.14	≤-21.8	PASS
		2462	Reference	-2.47	-2.47	---	PASS
			30~1000	-2.47	-53.63	≤-22.47	PASS
			1000~26500	-2.47	-47.78	≤-22.47	PASS
11N20SISO	Ant1	2412	Reference	-1.75	-1.75	---	PASS
			30~1000	-1.75	-53.42	≤-21.75	PASS
			1000~26500	-1.75	-46.83	≤-21.75	PASS
		2437	Reference	-1.98	-1.98	---	PASS
			30~1000	-1.98	-53.78	≤-21.98	PASS
			1000~26500	-1.98	-46.35	≤-21.98	PASS
		2462	Reference	-2.58	-2.58	---	PASS
			30~1000	-2.58	-53.23	≤-22.58	PASS
			1000~26500	-2.58	-47.04	≤-22.58	PASS
11N40SISO	Ant1	2422	Reference	-4.49	-4.49	---	PASS
			30~1000	-4.49	-52.86	≤-24.49	PASS
			1000~26500	-4.49	-47.22	≤-24.49	PASS
		2437	Reference	-4.71	-4.71	---	PASS
			30~1000	-4.71	-52.83	≤-24.71	PASS
			1000~26500	-4.71	-47.63	≤-24.71	PASS
		2452	Reference	-4.71	-4.71	---	PASS
			30~1000	-4.71	-53.37	≤-24.71	PASS
			1000~26500	-4.71	-47.55	≤-24.71	PASS

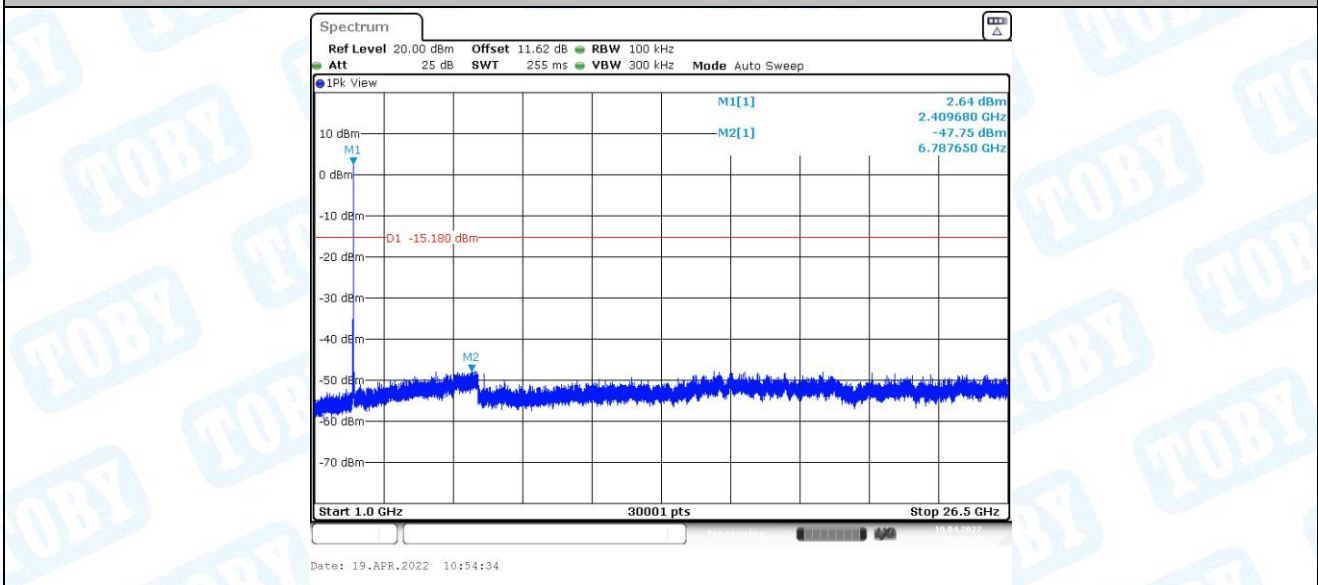
**6.2. Test Graphs**



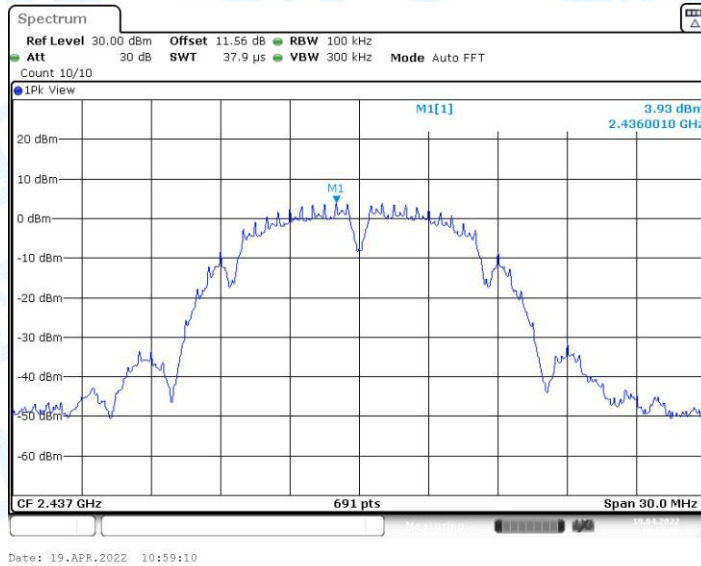
11B\_Ant1\_2412\_0~Reference



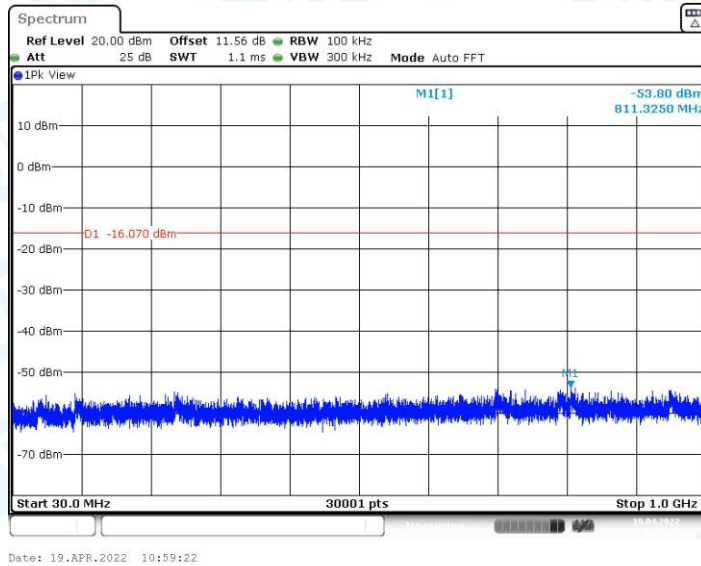
11B\_Ant1\_2412\_30~1000



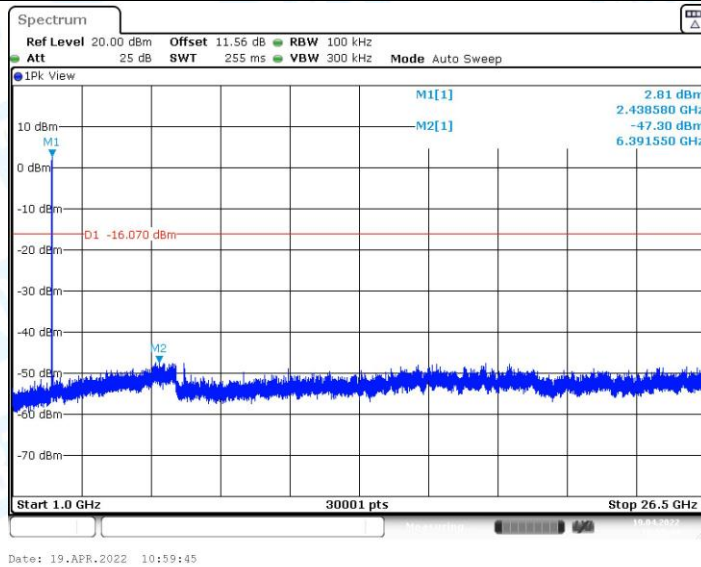
11B\_Ant1\_2412\_1000~26500



11B\_Ant1\_2437\_0~Reference



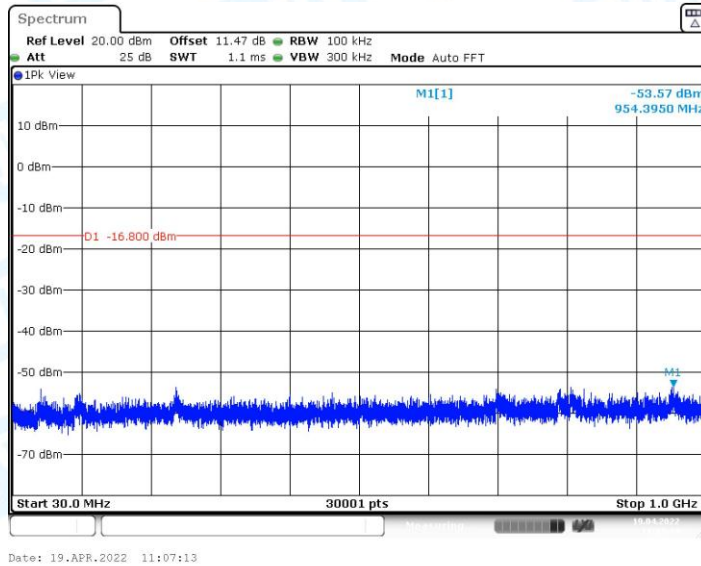
11B\_Ant1\_2437\_30~1000



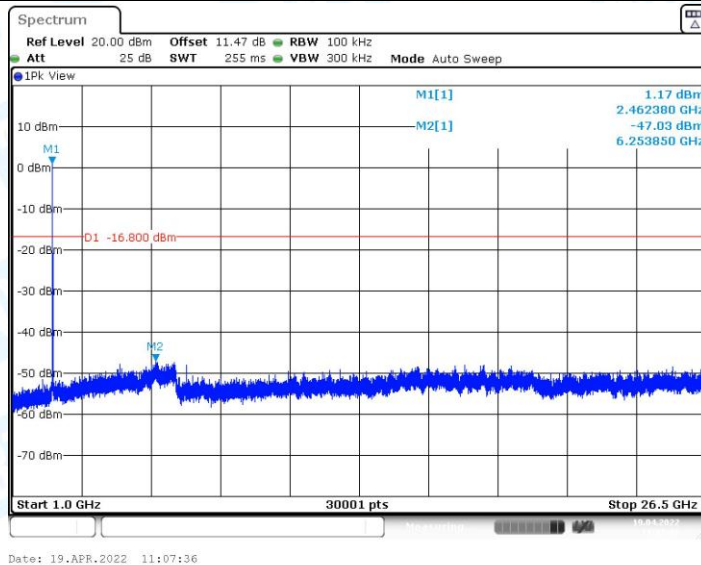
11B\_Ant1\_2437\_1000~26500



11B\_Ant1\_2462\_0~Reference

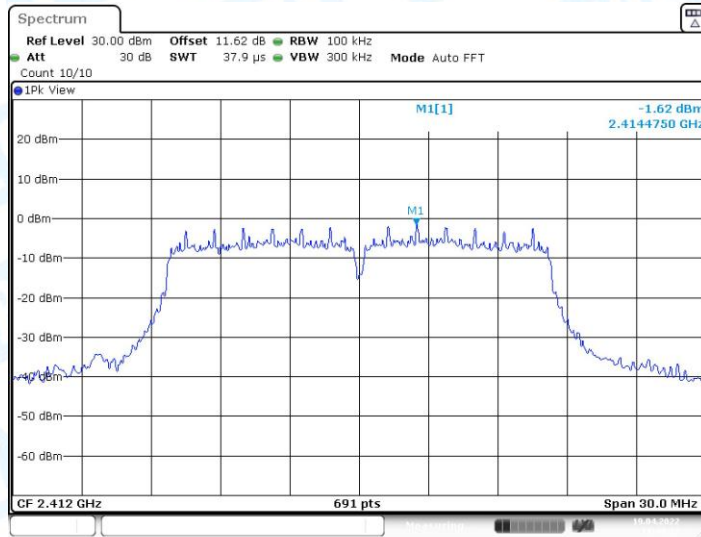


11B\_Ant1\_2462\_30~1000



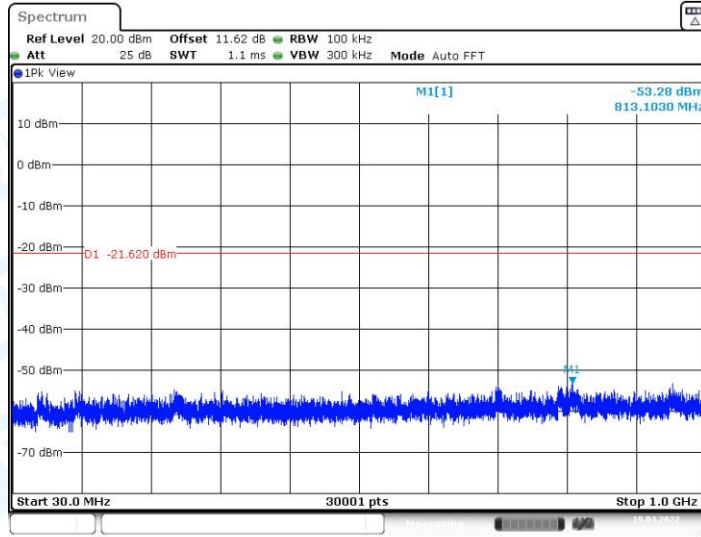
11B\_Ant1\_2462\_1000~26500





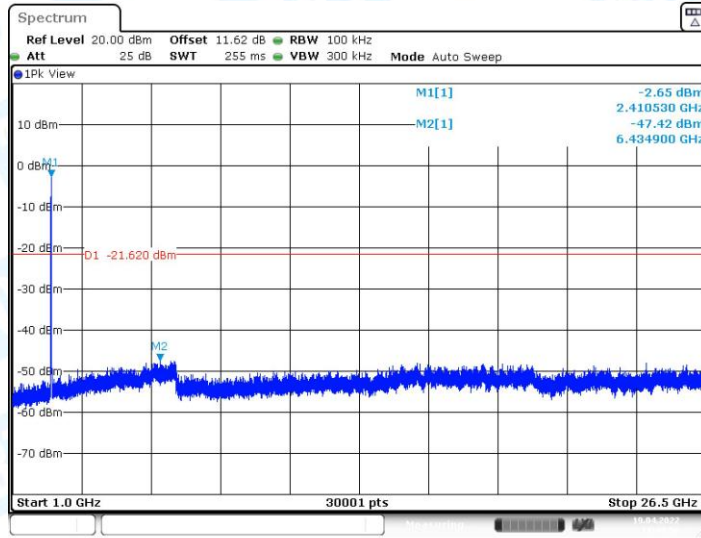
Date: 19.APR.2022 11:44:21

11G\_Ant1\_2412\_0~Reference



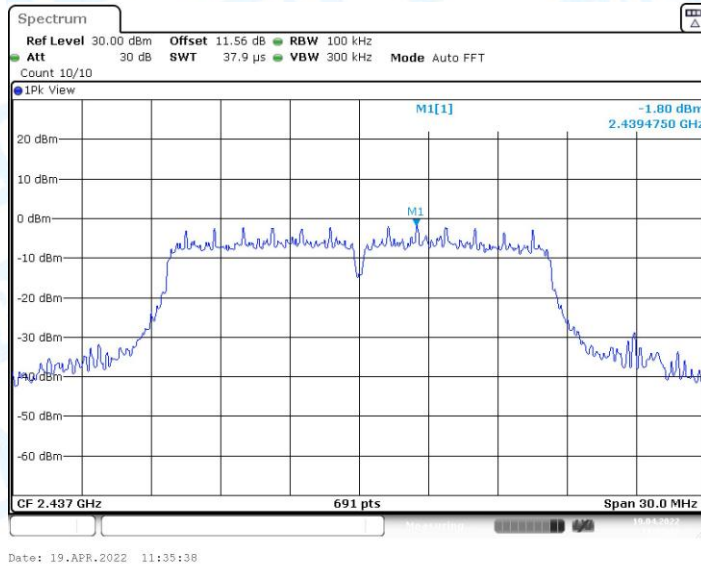
Date: 19.APR.2022 11:44:33

11G\_Ant1\_2412\_30~1000

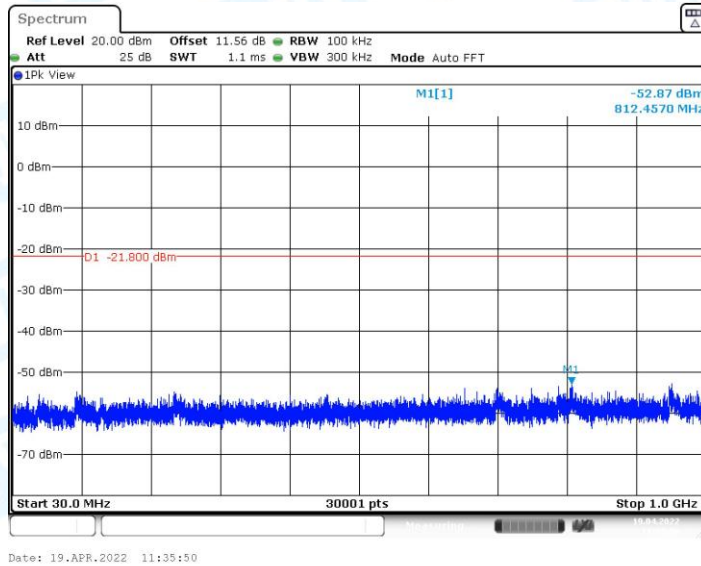


Date: 19.APR.2022 11:44:56

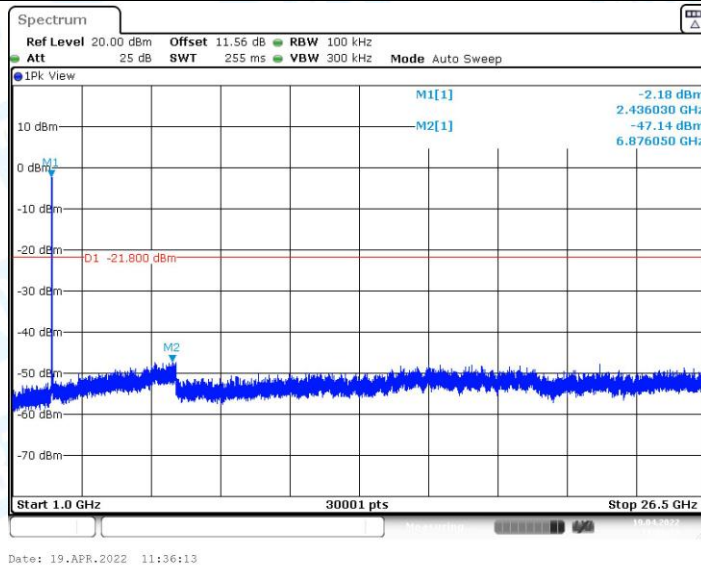
11G\_Ant1\_2412\_1000~26500



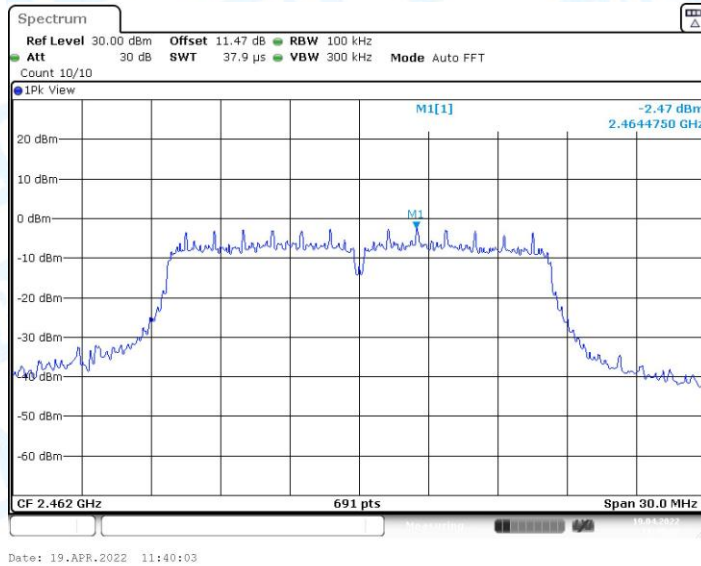
11G\_Ant1\_2437\_0~Reference



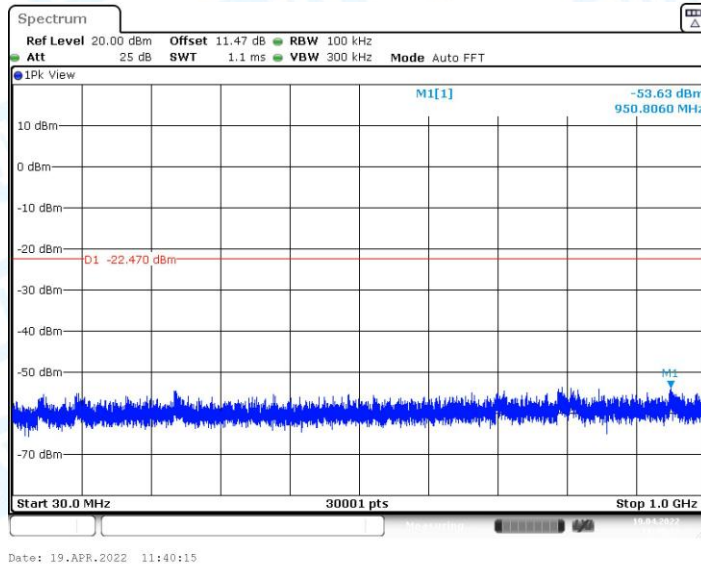
11G\_Ant1\_2437\_30~1000



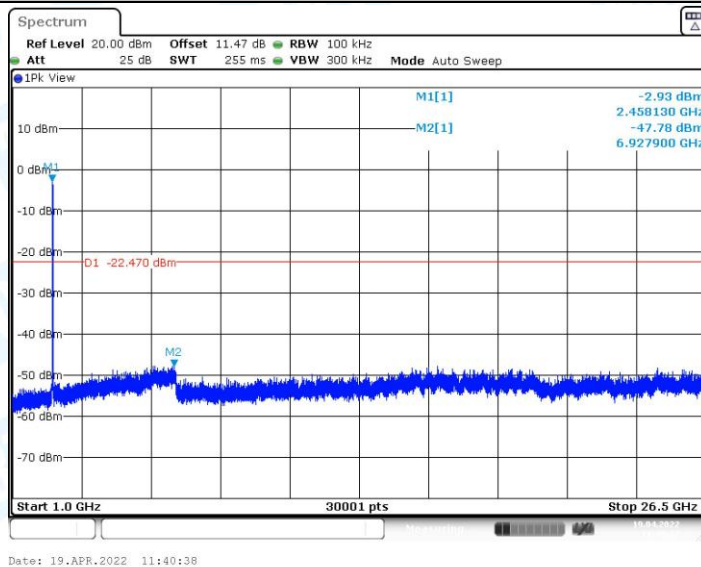
11G\_Ant1\_2437\_1000~26500



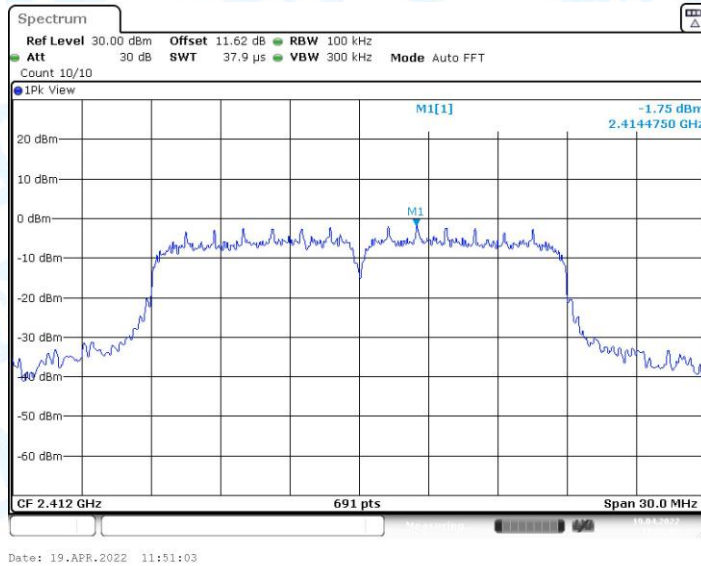
11G\_Ant1\_2462\_0~Reference



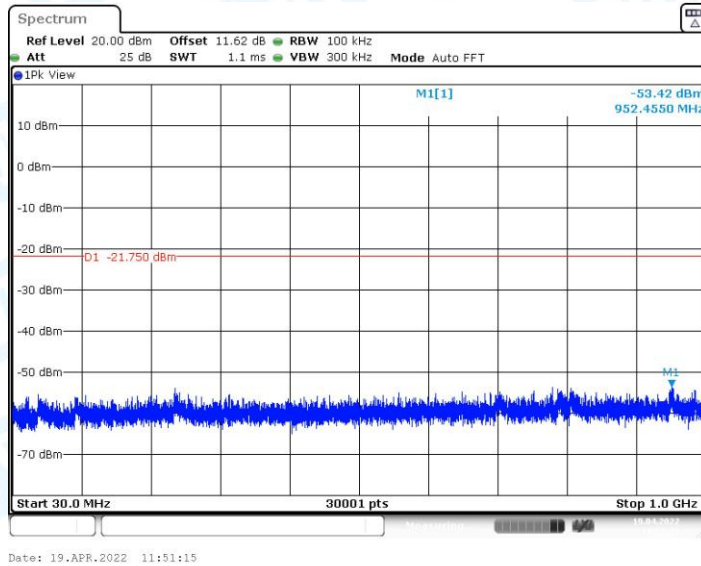
11G\_Ant1\_2462\_30~1000



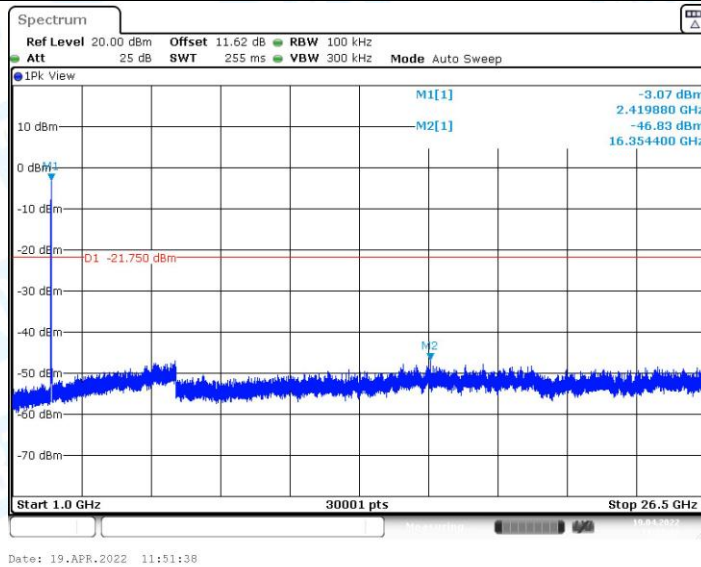
11G\_Ant1\_2462\_1000~26500



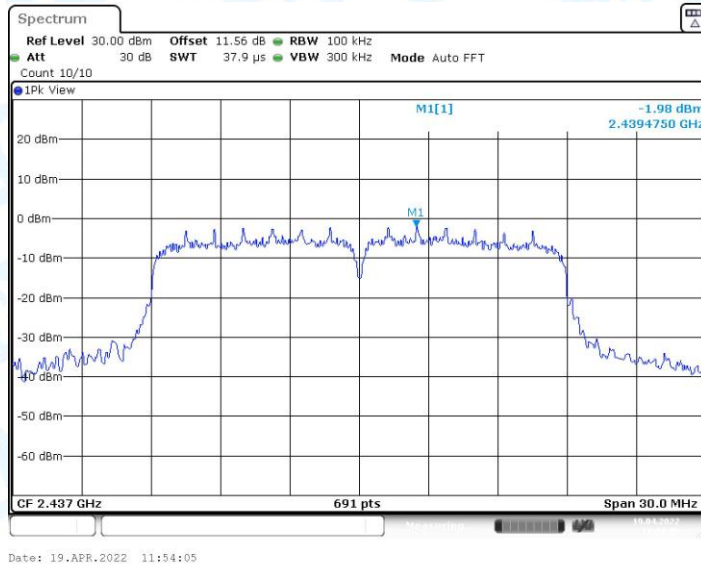
11N20SISO\_Ant1\_2412\_0~Reference



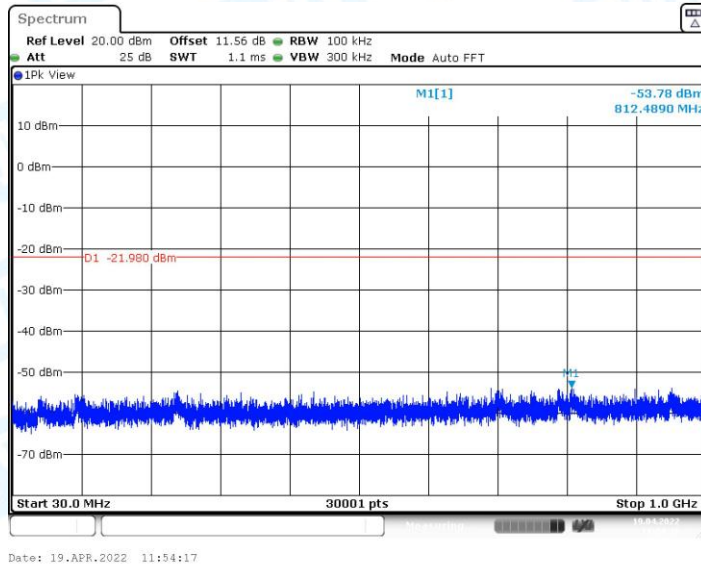
11N20SISO\_Ant1\_2412\_30~1000



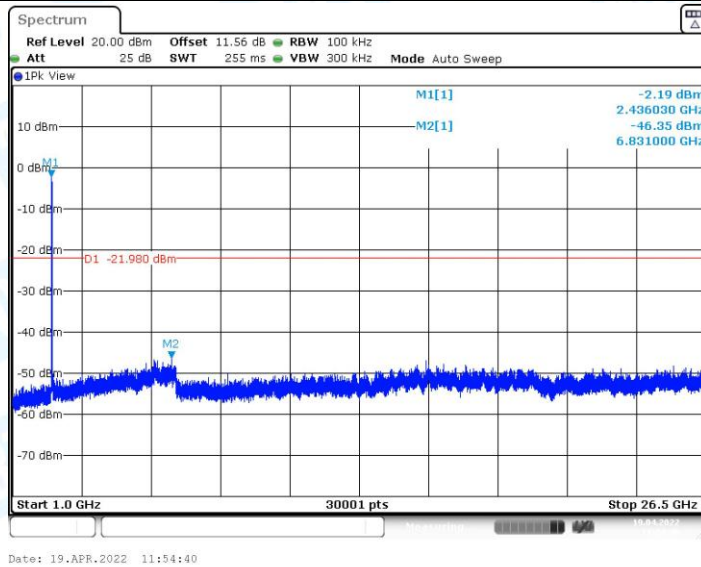
11N20SISO\_Ant1\_2412\_1000~26500



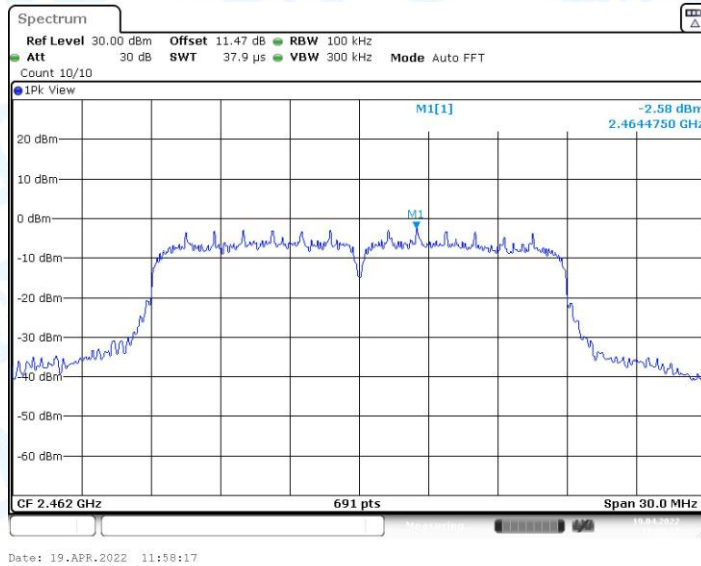
11N20SISO\_Ant1\_2437\_0~Reference



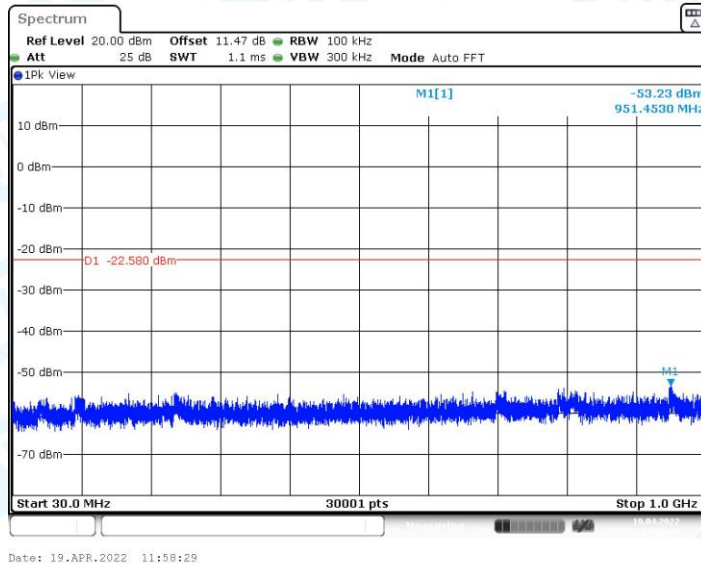
11N20SISO\_Ant1\_2437\_30~1000



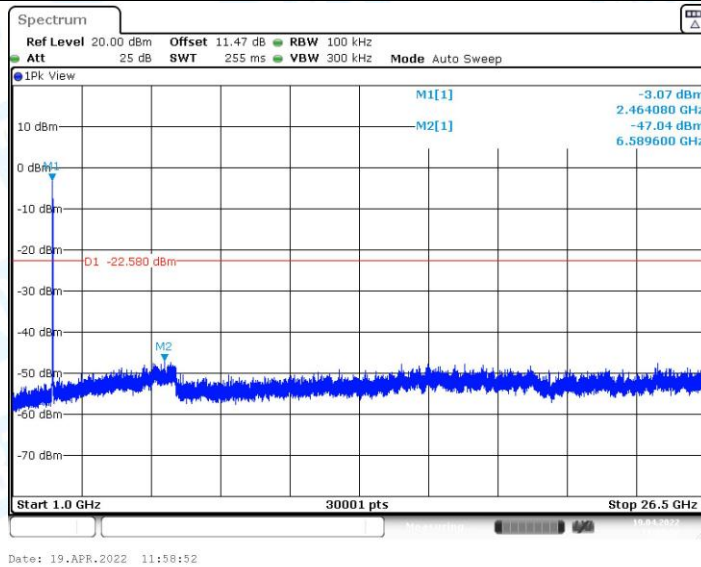
11N20SISO\_Ant1\_2437\_1000~26500



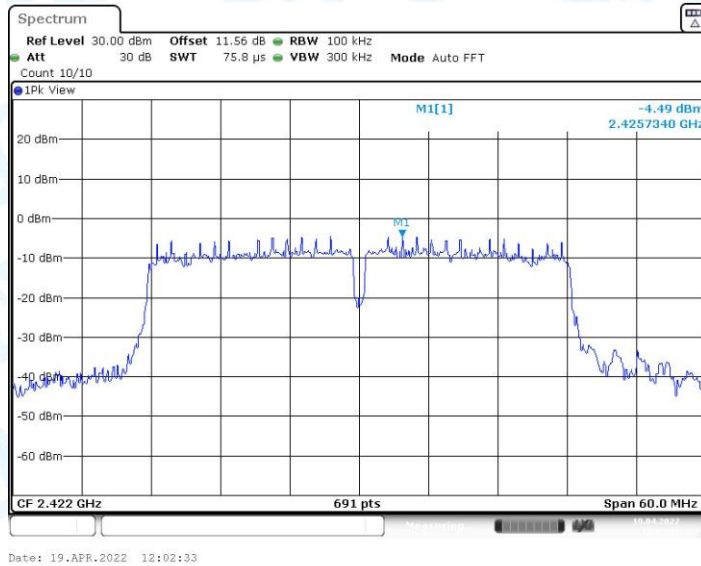
11N20SISO\_Ant1\_2462\_0~Reference



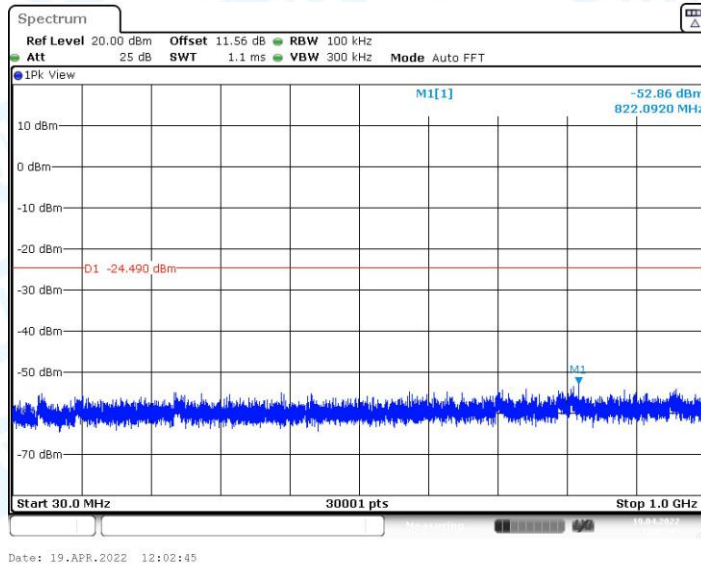
11N20SISO\_Ant1\_2462\_30~1000



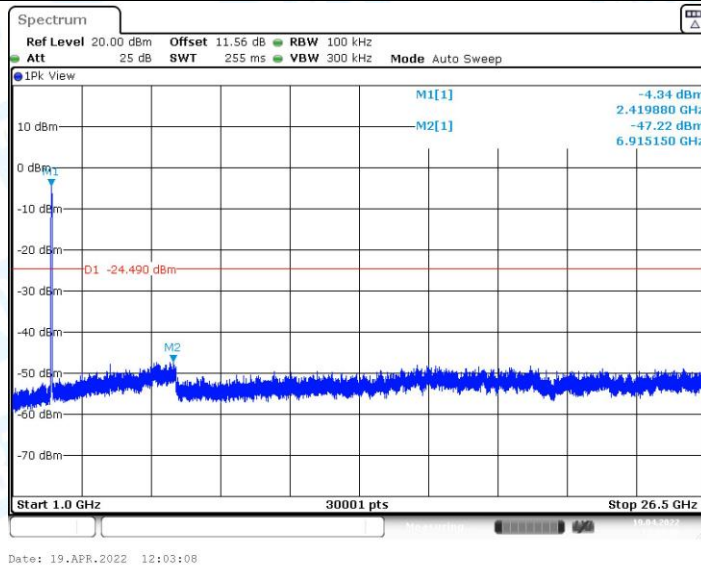
11N20SISO\_Ant1\_2462\_1000~26500



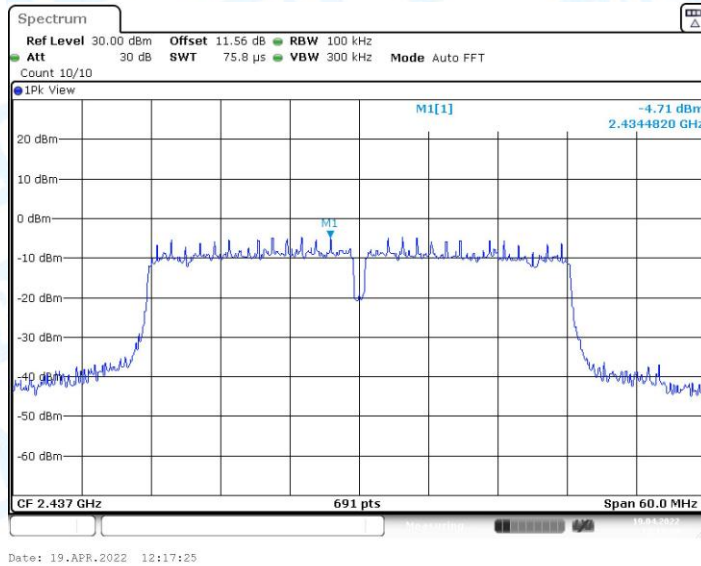
11N40SISO\_Ant1\_2422\_0~Reference



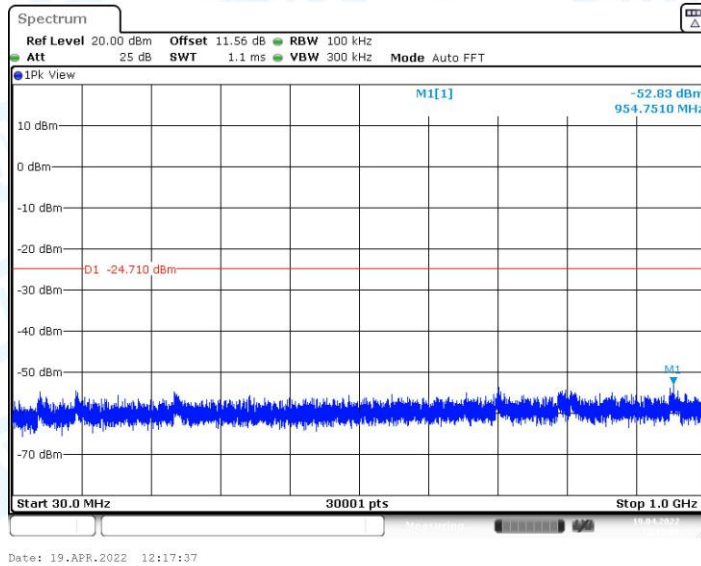
11N40SISO\_Ant1\_2422\_30~1000



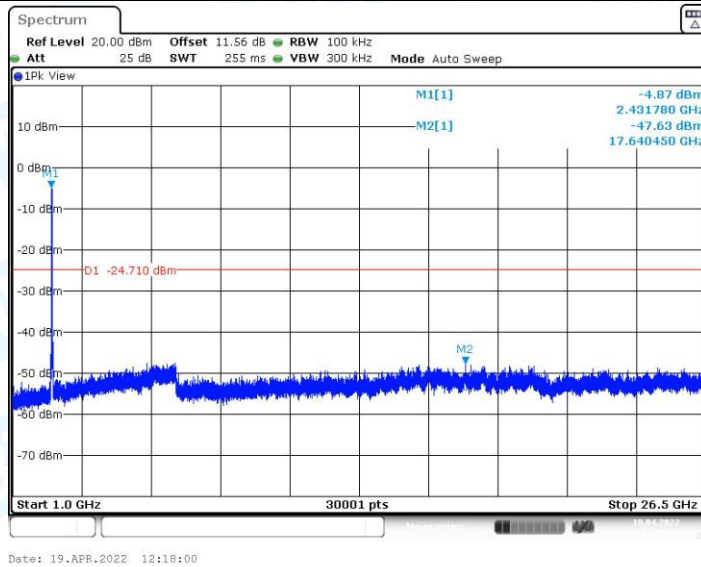
11N40SISO\_Ant1\_2422\_1000~26500



11N40SISO\_Ant1\_2437\_0~Reference

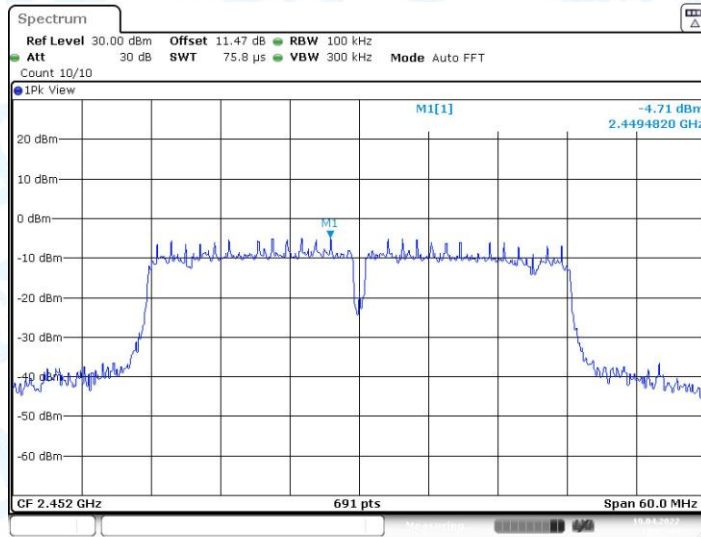


11N40SISO\_Ant1\_2437\_30~1000



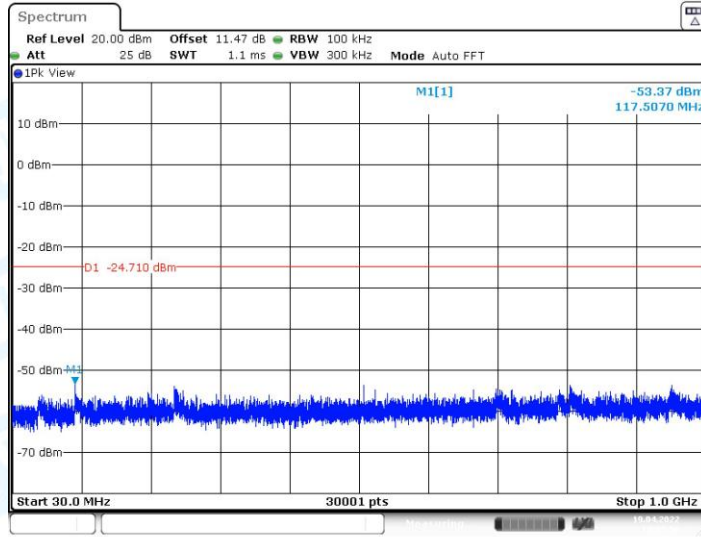
11N40SISO\_Ant1\_2437\_1000~26500





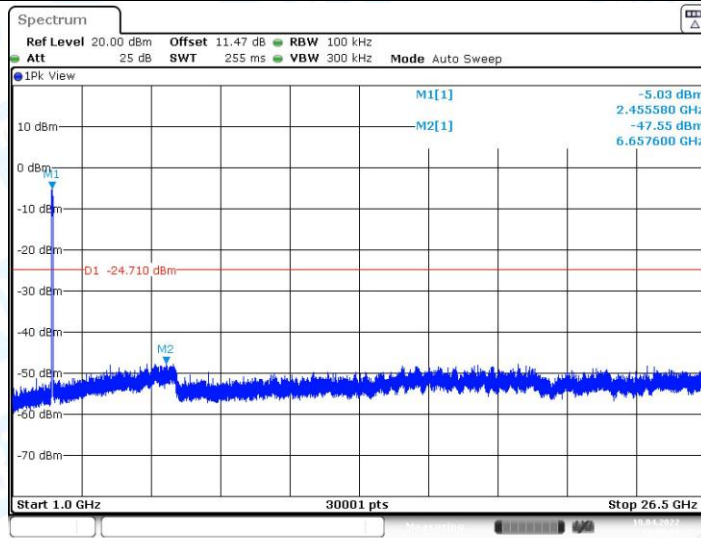
Date: 19.APR.2022 12:22:44

11N40SISO\_Ant1\_2452\_0~Reference



Date: 19.APR.2022 12:22:57

11N40SISO\_Ant1\_2452\_30~1000



Date: 19.APR.2022 12:23:20

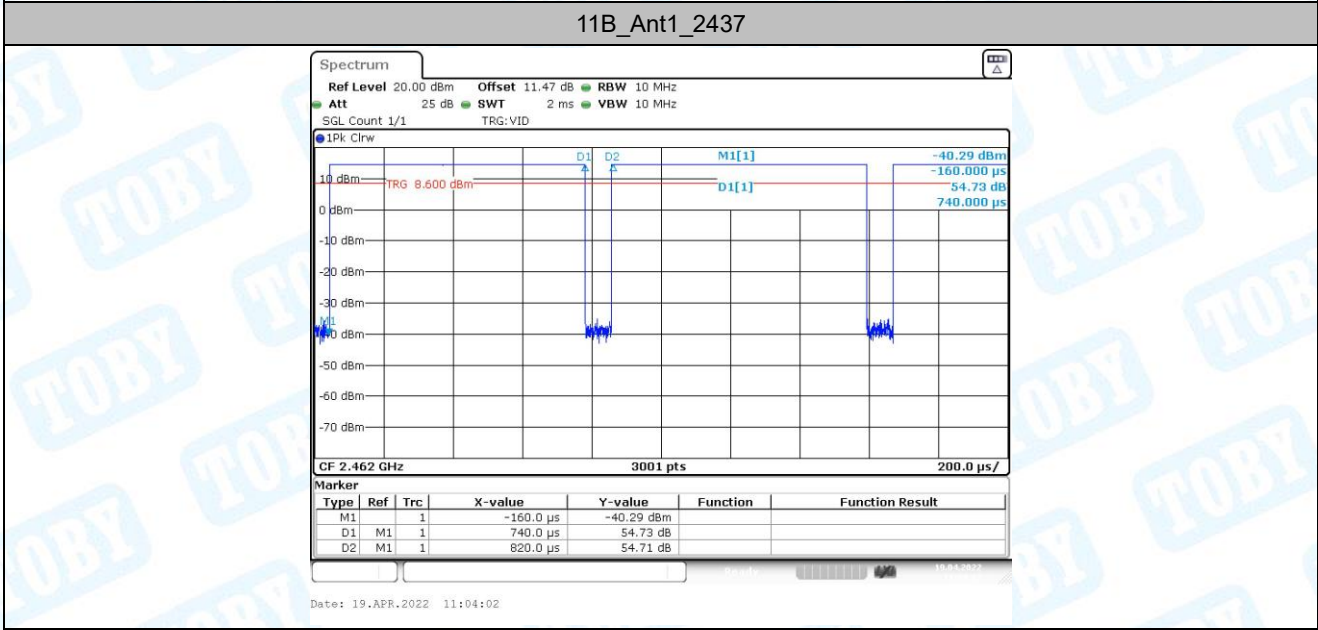
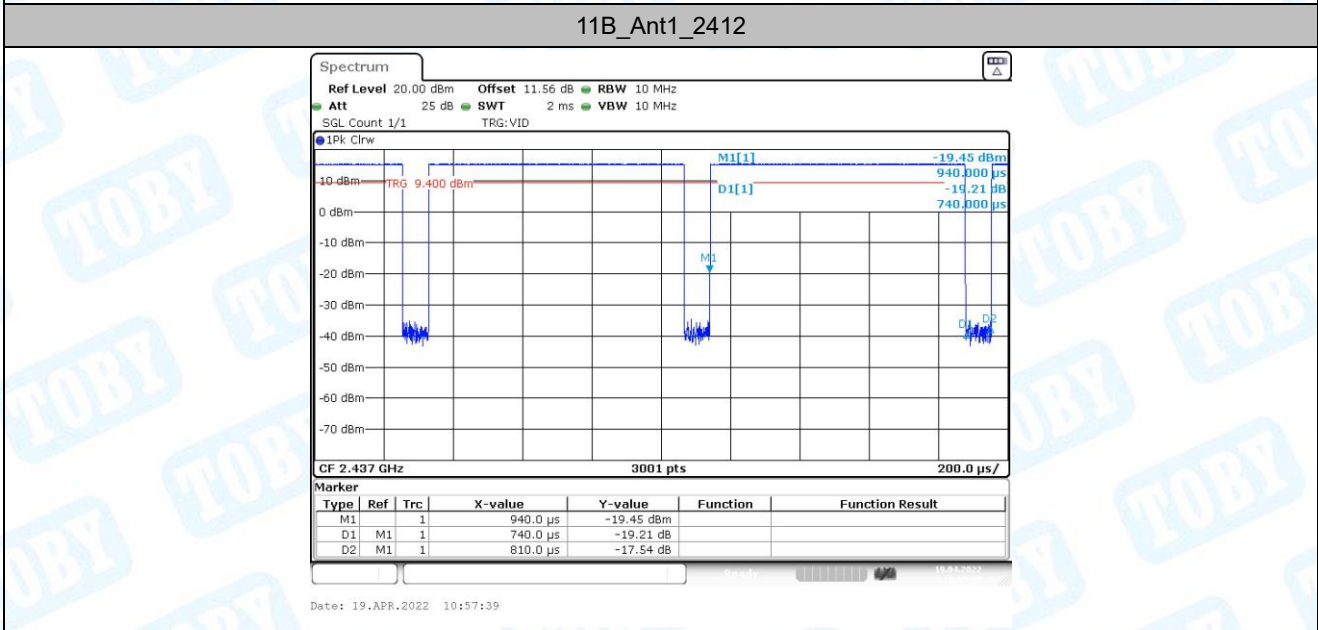
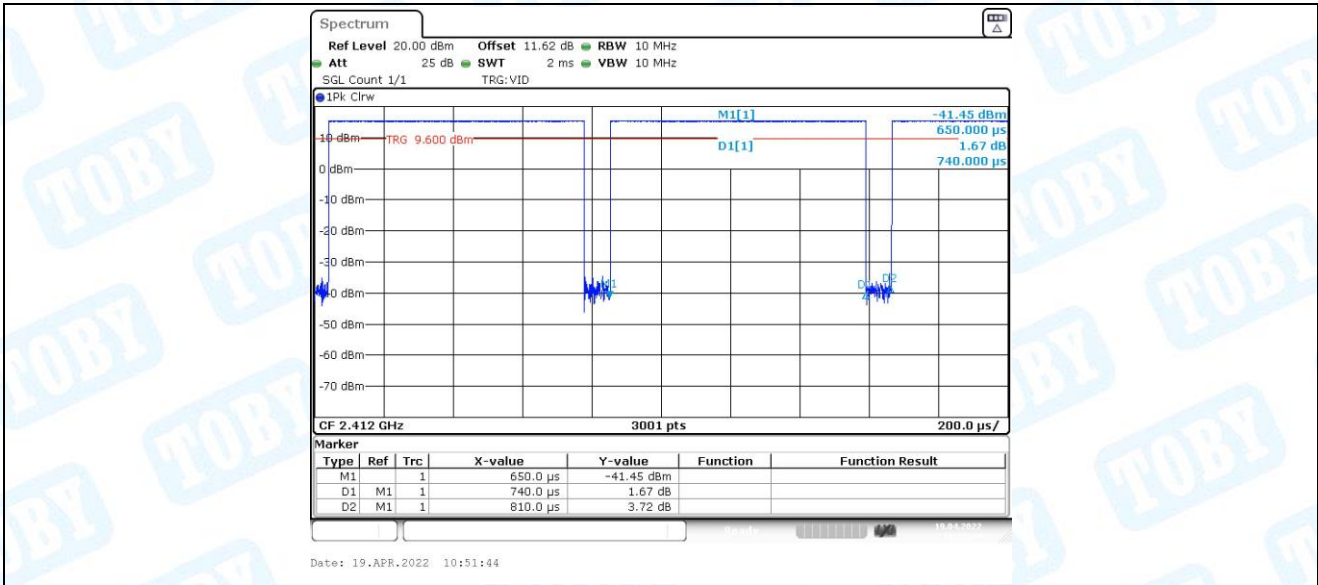
11N40SISO\_Ant1\_2452\_1000~26500

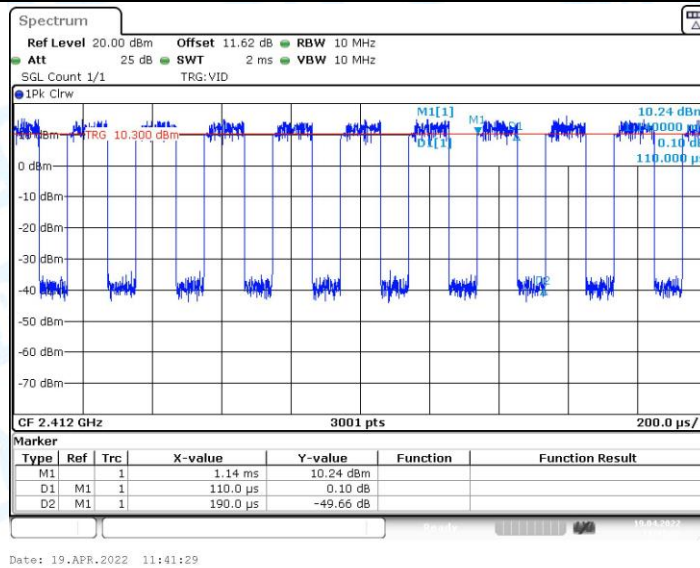
## 7. Duty Cycle

### 7.1. Test Result

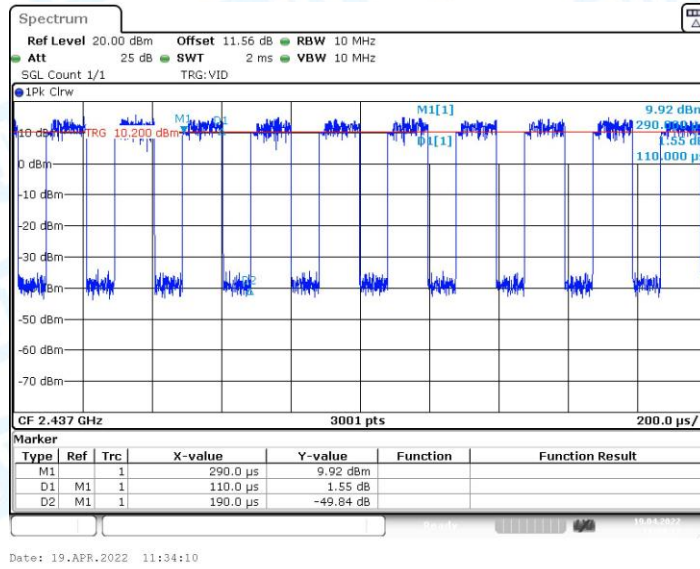
TestMode	Antenna	Channel	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	Limit	Verdict
11B	Ant1	2412	0.74	0.81	91.36	---	---
		2437	0.74	0.81	91.36	---	---
		2462	0.74	0.82	90.24	---	---
11G	Ant1	2412	0.11	0.19	57.89	---	---
		2437	0.11	0.19	57.89	---	---
		2462	0.12	0.20	60.00	---	---
11N20SISO	Ant1	2412	0.12	0.20	60.00	---	---
		2437	0.12	0.20	60.00	---	---
		2462	0.12	0.20	60.00	---	---
11N40SISO	Ant1	2422	0.07	0.15	46.67	---	---
		2437	0.07	0.15	46.67	---	---
		2452	0.07	0.15	46.67	---	---

### 7.2. Test Graphs

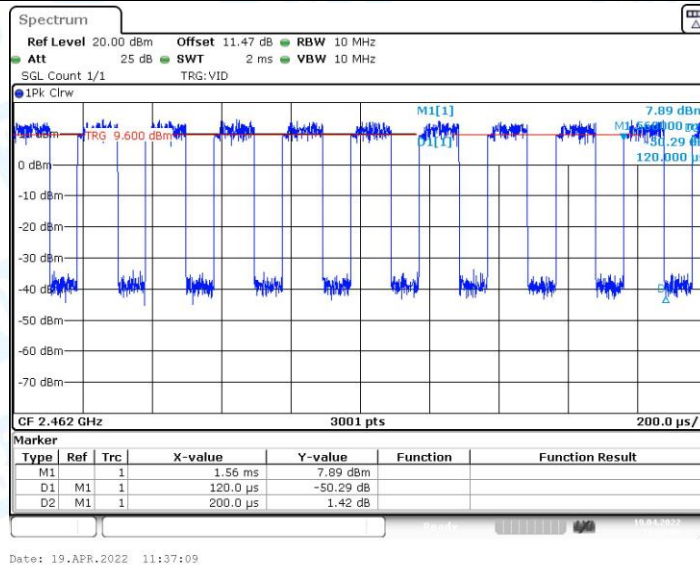




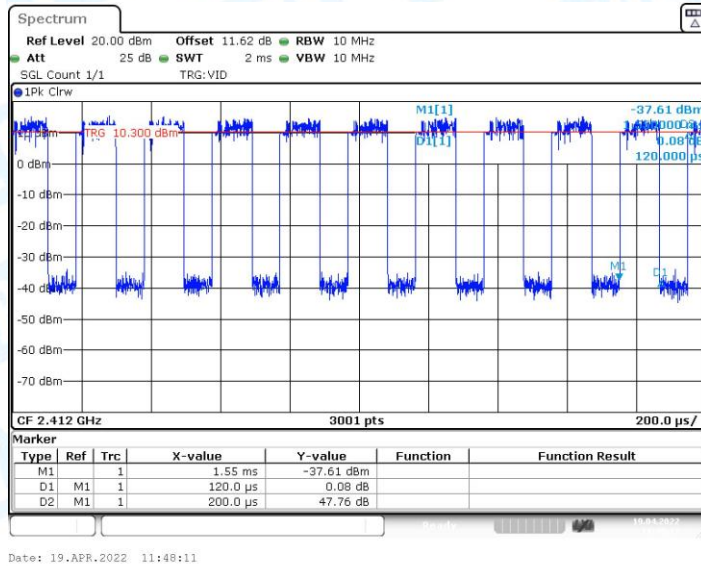
11G\_Ant1\_2412



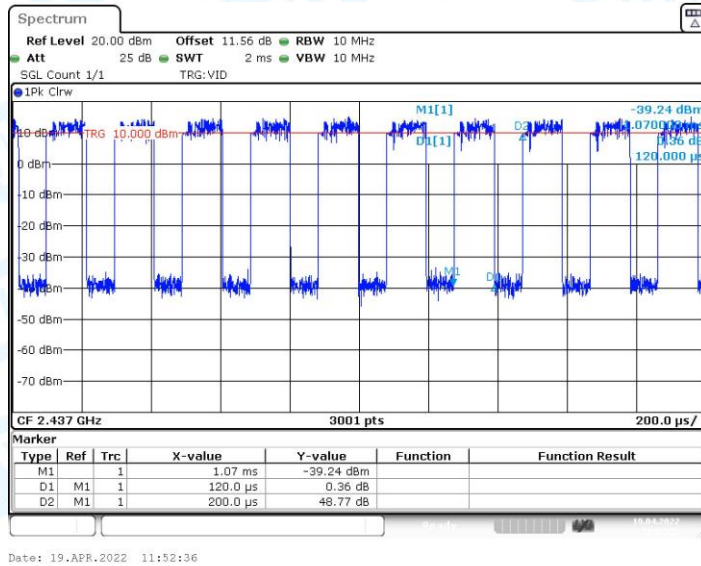
11G\_Ant1\_2437



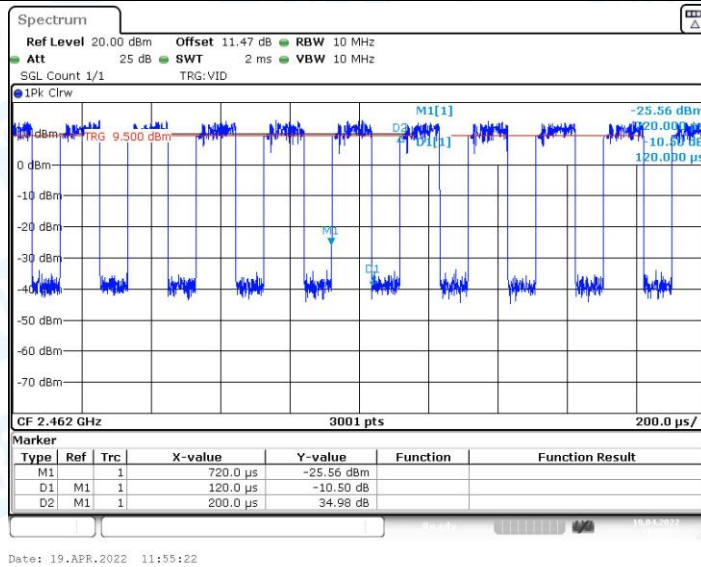
11G\_Ant1\_2462



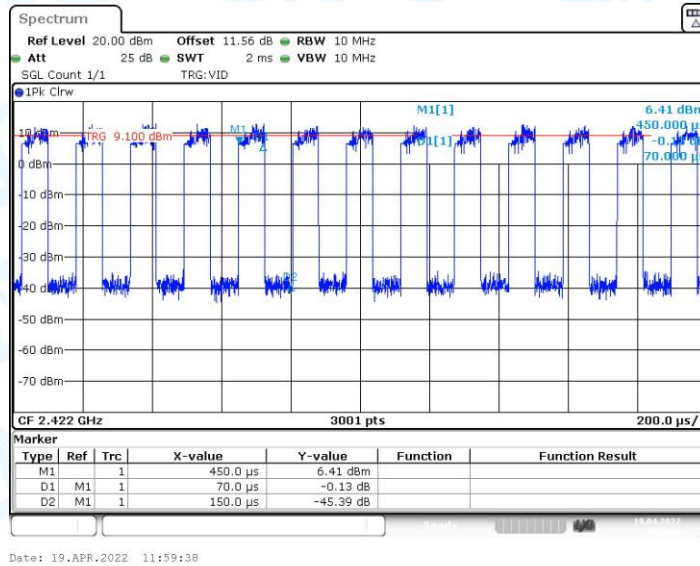
11N20SISO\_Ant1\_2412



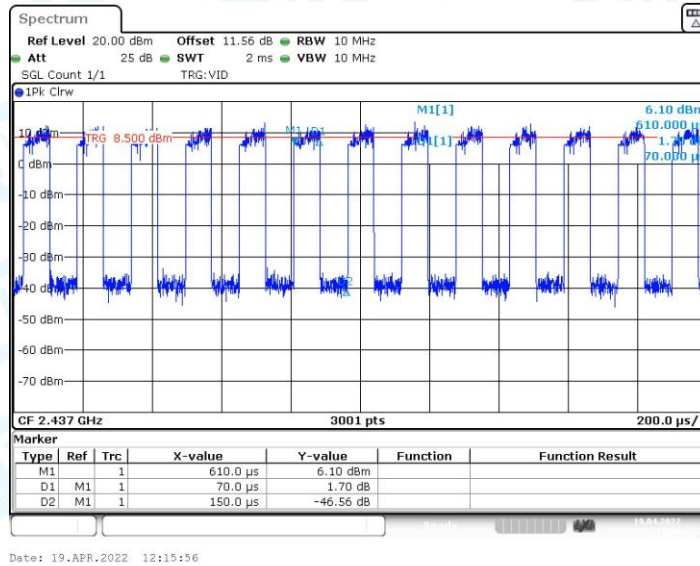
11N20SISO\_Ant1\_2437



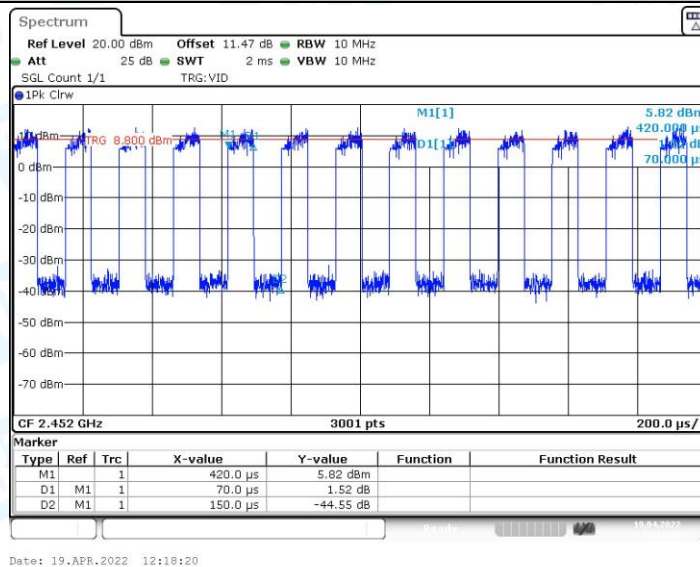
11N20SISO\_Ant1\_2462



11N40SISO\_Ant1\_2422



11N40SISO\_Ant1\_2437



11N40SISO\_Ant1\_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	-49.28	≤-41.20	PASS
				AV	2339.754	-46.7	≤-41.20	PASS
				AV	2390.000	-47.5	≤-41.20	PASS
				Peak	2310.000	-39.79	≤-21.20	PASS
				Peak	2340.130	-35.77	≤-21.20	PASS
				Peak	2390.000	-36.69	≤-21.20	PASS
		High	2462	AV	2483.500	-47.32	≤-41.20	PASS
				AV	2483.841	-47.07	≤-41.20	PASS
				AV	2500.000	-48.62	≤-41.20	PASS
				Peak	2483.500	-37.17	≤-21.20	PASS
				Peak	2499.942	-36.6	≤-21.20	PASS
				Peak	2500.000	-36.6	≤-21.20	PASS
11G	Ant1	Low	2412	AV	2310.000	-47.89	≤-41.20	PASS
				AV	2340.507	-45.16	≤-41.20	PASS
				AV	2390.000	-46.38	≤-41.20	PASS
				Peak	2310.000	-39.7	≤-21.20	PASS
				Peak	2389.870	-33.94	≤-21.20	PASS
				Peak	2390.000	-33.95	≤-21.20	PASS
		High	2462	AV	2483.500	-45.22	≤-41.20	PASS
				AV	2483.841	-44.65	≤-41.20	PASS
				AV	2500.000	-47.06	≤-41.20	PASS
				Peak	2483.500	-27.5	≤-21.20	PASS
				Peak	2483.522	-27.5	≤-21.20	PASS
				Peak	2500.000	-32.7	≤-21.20	PASS
11N20SISO	Ant1	Low	2412	AV	2310.000	-48.1	≤-41.20	PASS
				AV	2339.565	-45.67	≤-41.20	PASS
				AV	2390.000	-46.46	≤-41.20	PASS
				Peak	2310.000	-39.49	≤-21.20	PASS
				Peak	2389.870	-30.06	≤-21.20	PASS
				Peak	2390.000	-29.83	≤-21.20	PASS
		High	2462	AV	2483.500	-44.98	≤-41.20	PASS
				AV	2483.522	-44.98	≤-41.20	PASS
				AV	2500.000	-47.2	≤-41.20	PASS
				Peak	2483.500	-29.46	≤-21.20	PASS
				Peak	2483.522	-29.46	≤-21.20	PASS
				Peak	2500.000	-33.64	≤-21.20	PASS
11N40SISO	Ant1	Low	2422	AV	2310.000	-47.32	≤-41.20	PASS
				AV	2387.986	-41.63	≤-41.20	PASS
				AV	2390.000	-43.45	≤-41.20	PASS
				Peak	2310.000	-38.7	≤-21.20	PASS
				Peak	2385.725	-25.48	≤-21.20	PASS

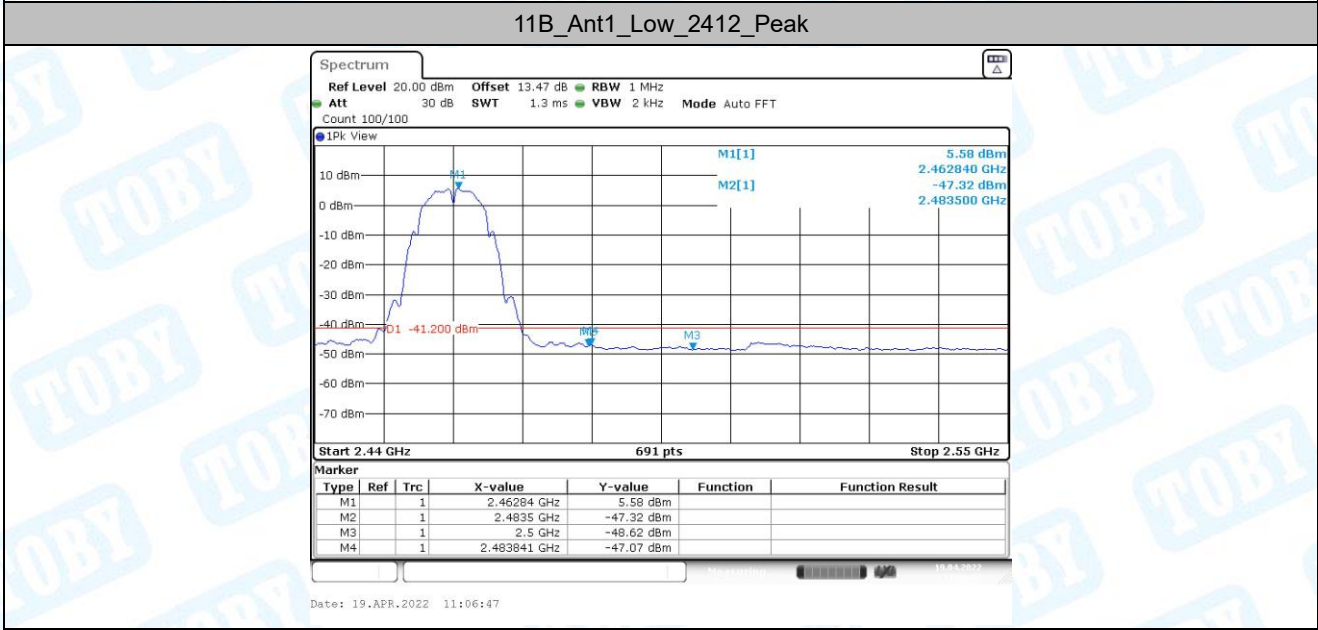
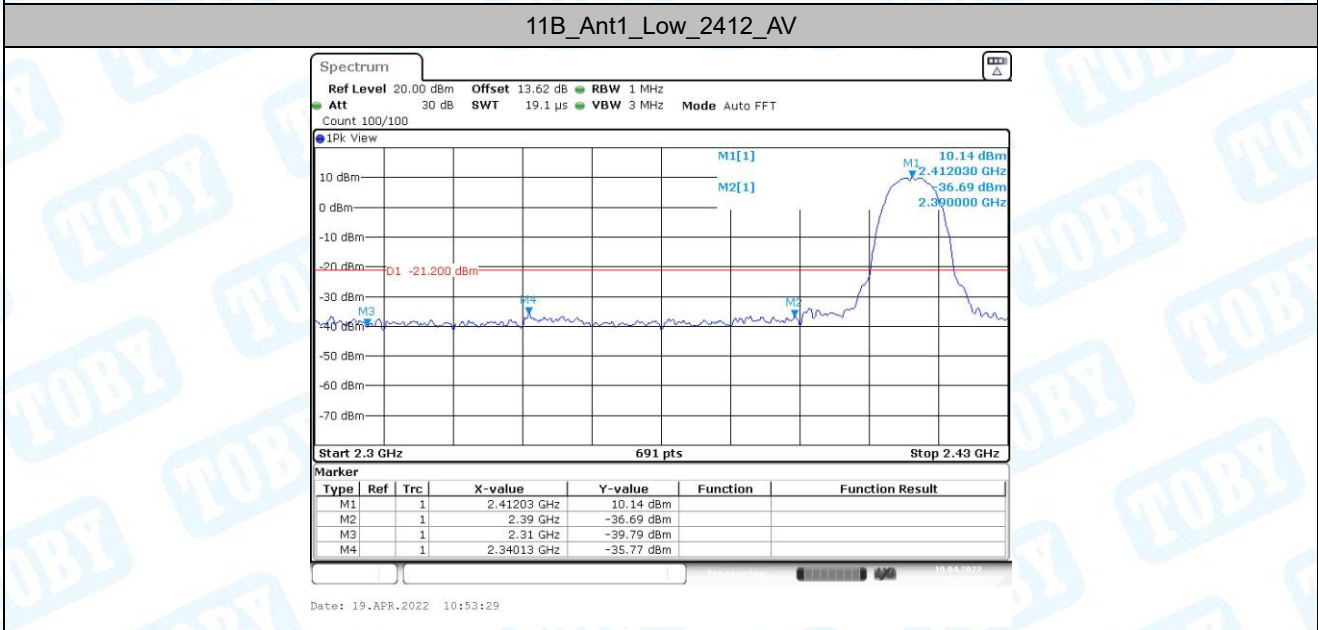
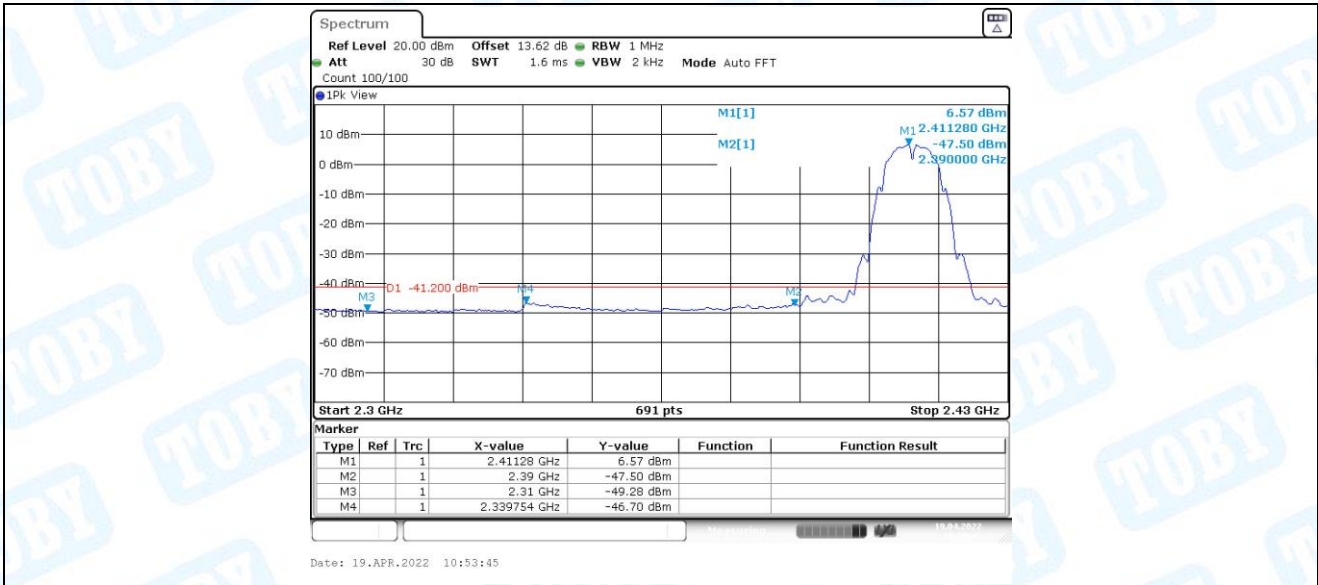
	High	2452	Peak	2390.000	-29.69	≤-21.20	PASS
			AV	2483.500	-43.49	≤-41.20	PASS
			AV	2484.638	-42.83	≤-41.20	PASS
			AV	2500.000	-46.74	≤-41.20	PASS
			Peak	2483.500	-32.99	≤-21.20	PASS
			Peak	2485.116	-30.8	≤-21.20	PASS
			Peak	2500.000	-38.15	≤-21.20	PASS

Note:

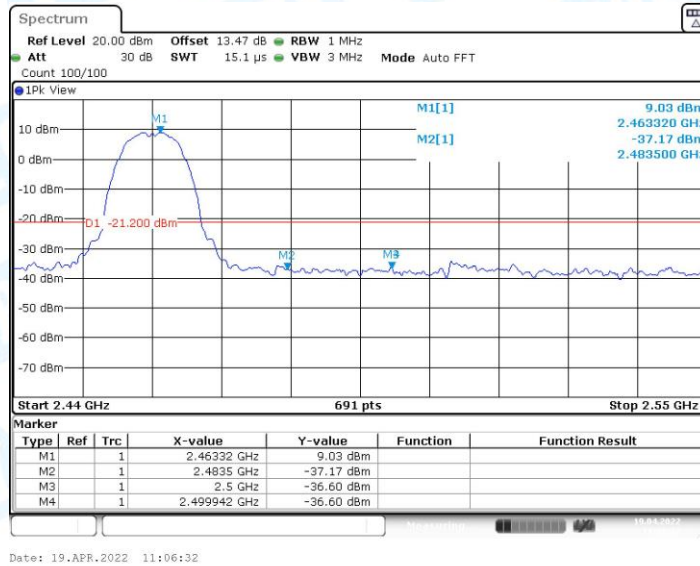
1. The Antenna Gain is compensated in the graph.
2. The limit in dBm for average detector is conversion from 54dBuV/m, according to 15.209(a). The limit in dBm for peak detector is 20dB above the limit of average detector in dBm.



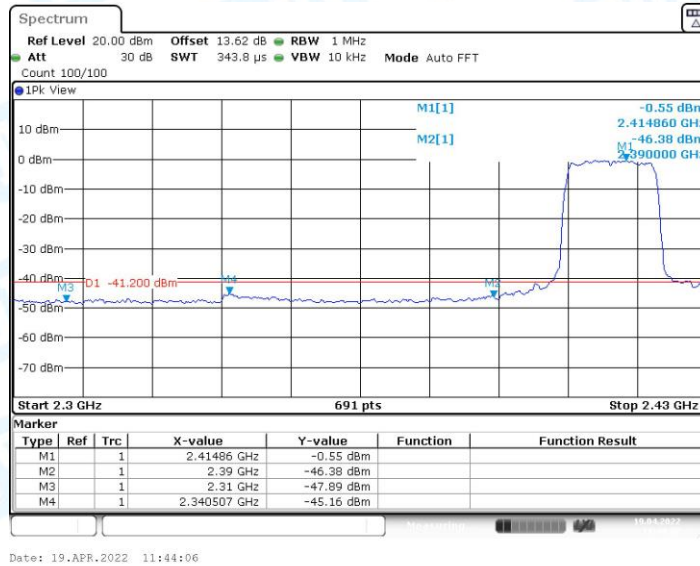
### 8.2. Test Graphs



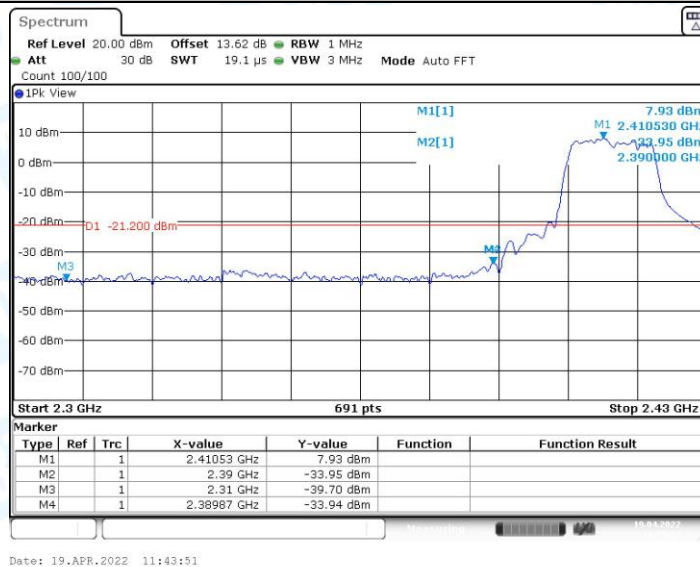
**11B\_Ant1\_High\_2462\_AV**



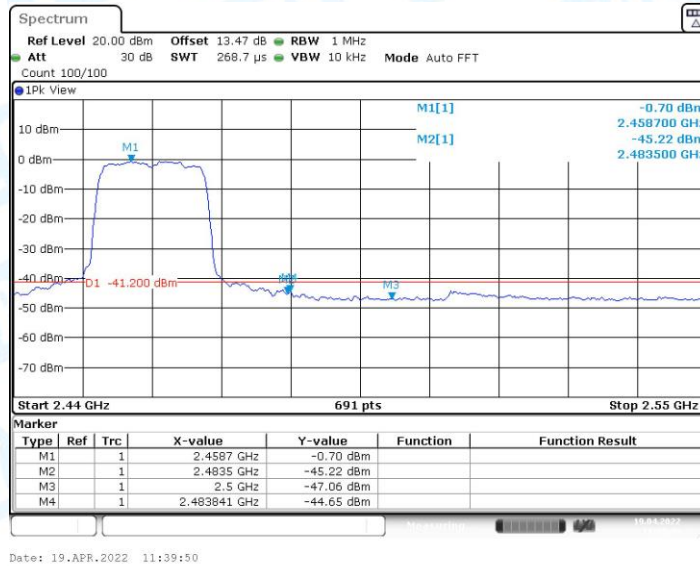
### 11B\_Ant1\_High\_2462\_Peak



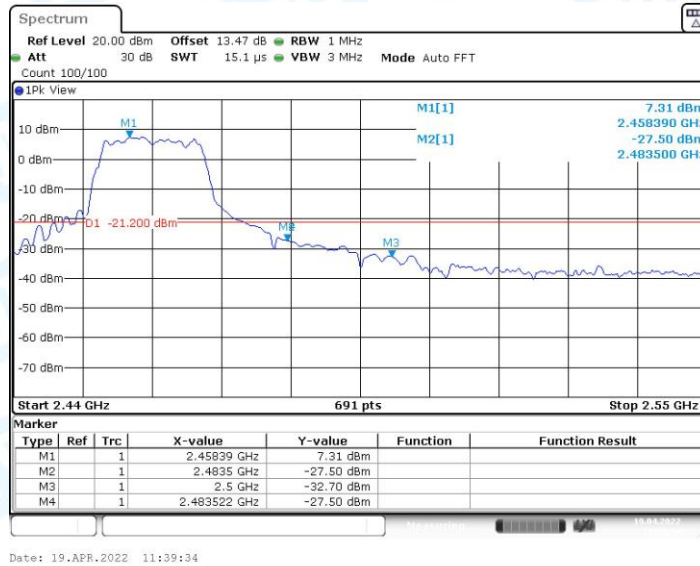
### 11G\_Ant1\_Low\_2412\_AV



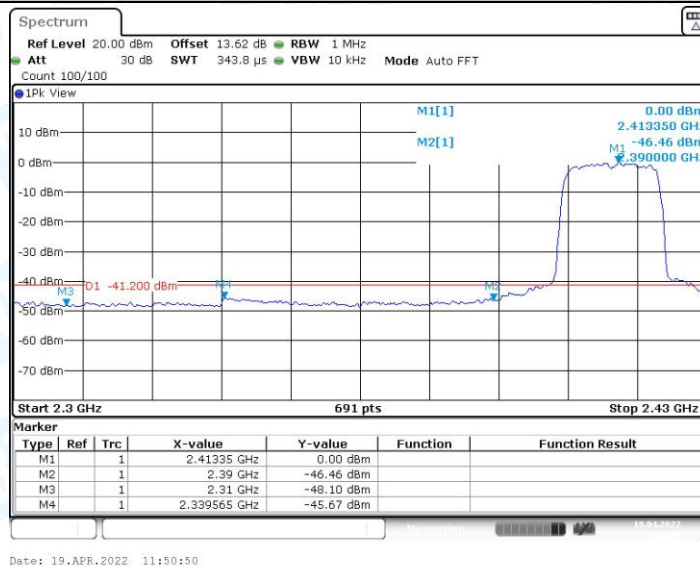
### 11G\_Ant1\_Low\_2412\_Peak



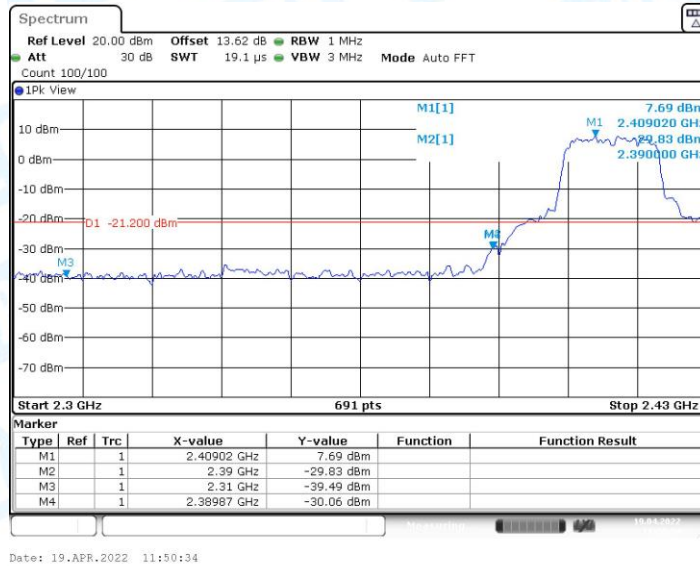
### 11G\_Ant1\_High\_2462\_AV



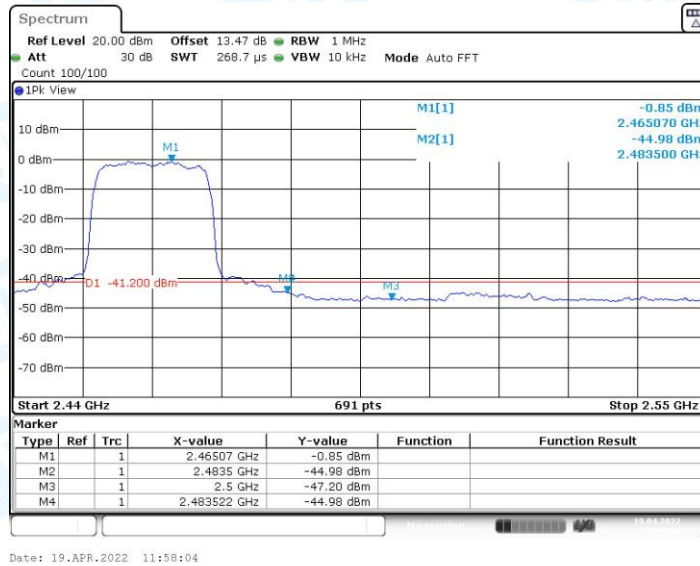
### 11G\_Ant1\_High\_2462\_Peak



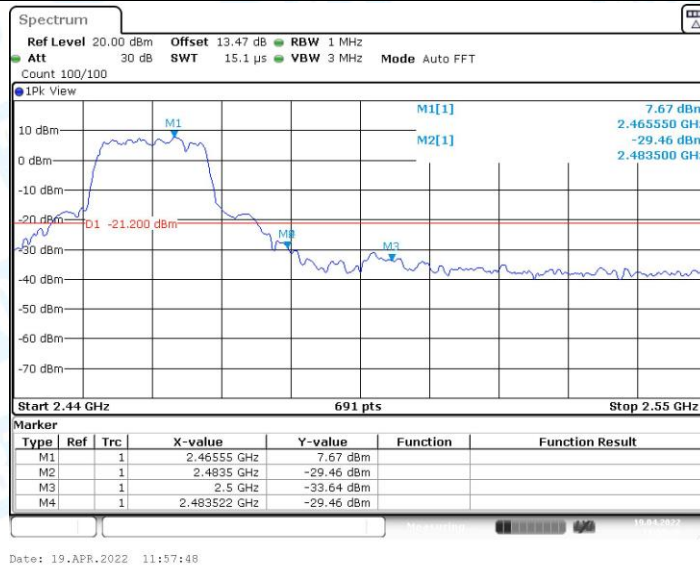
### 11N20SISO\_Ant1\_Low\_2412\_AV



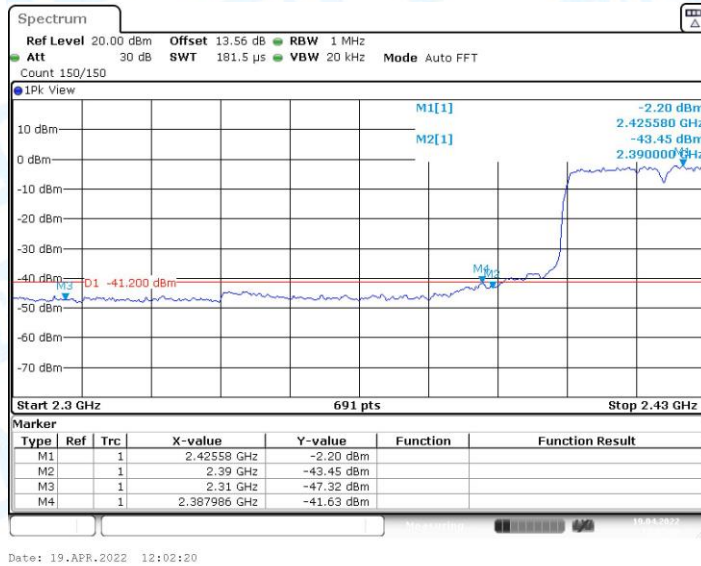
### 11N20SISO\_Ant1\_Low\_2412\_Peak



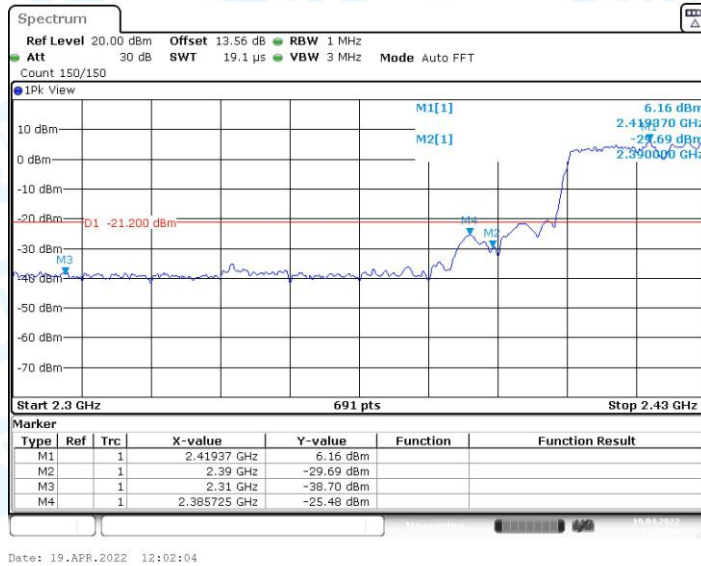
### 11N20SISO\_Ant1\_High\_2462\_AV



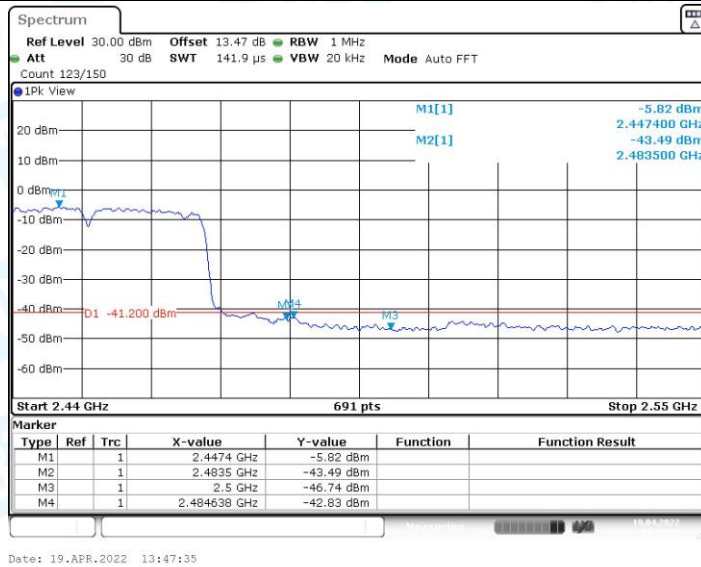
### 11N20SISO\_Ant1\_High\_2462\_Peak



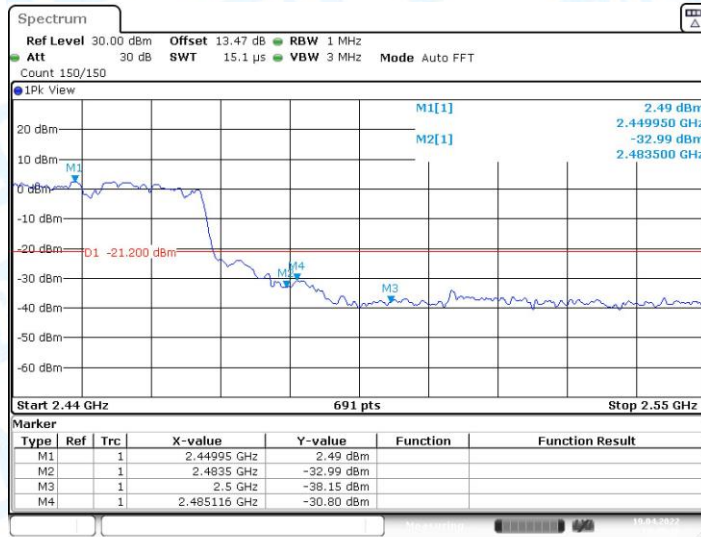
### 11N40SISO\_Ant1\_Low\_2422\_AV



### 11N40SISO\_Ant1\_Low\_2422\_Peak



### 11N40SISO\_Ant1\_High\_2452\_AV



Date: 19.APR.2022 13:47:18

11N40SISO\_Ant1\_High\_2452\_Peak

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