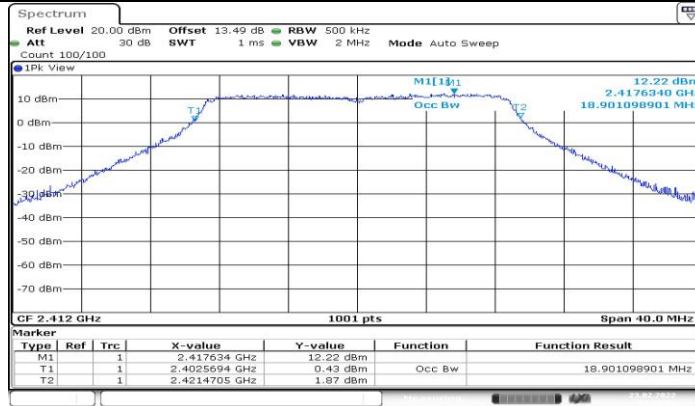




Date: 23.FEB.2022 04:17:45

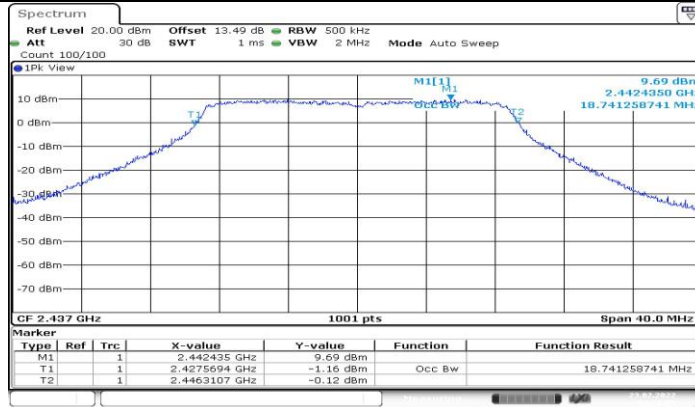


Date: 23.FEB.2022 04:19:06



Date: 23.FEB.2022 04:28:20

**11N20MIMO\_Ant1\_2437**



Date: 23.FEB.2022 04:31:04

11N20MIMO\_Ant2\_2437



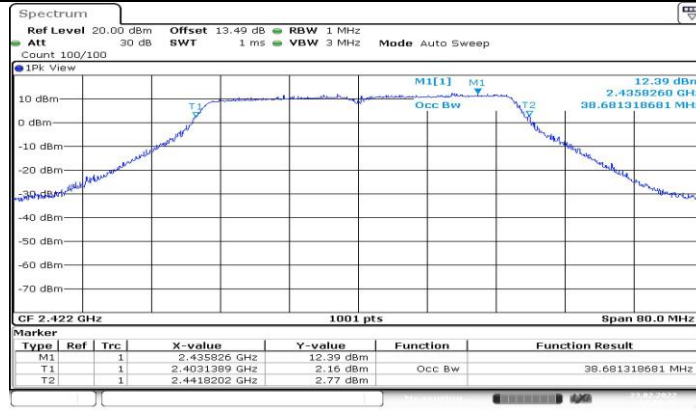
Date: 23.FEB.2022 04:42:41

11N20MIMO\_Ant1\_2462

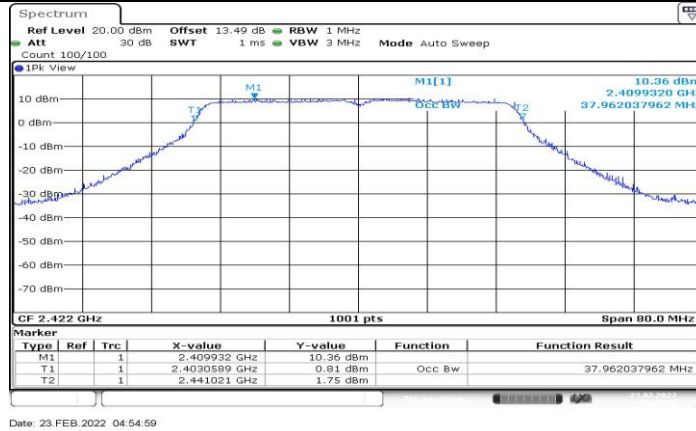


Date: 23.FEB.2022 04:44:15

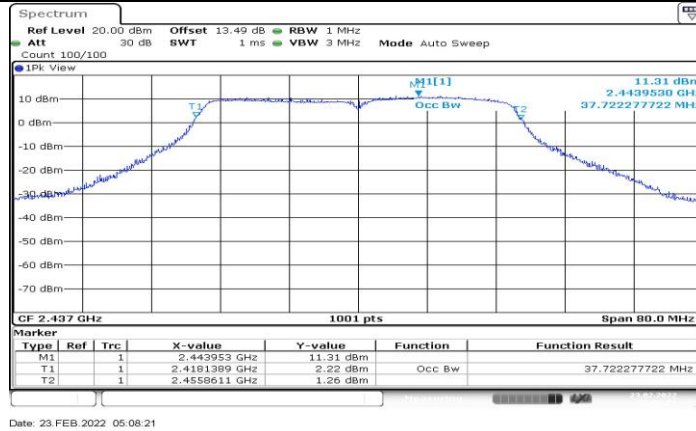
11N20MIMO\_Ant2\_2462



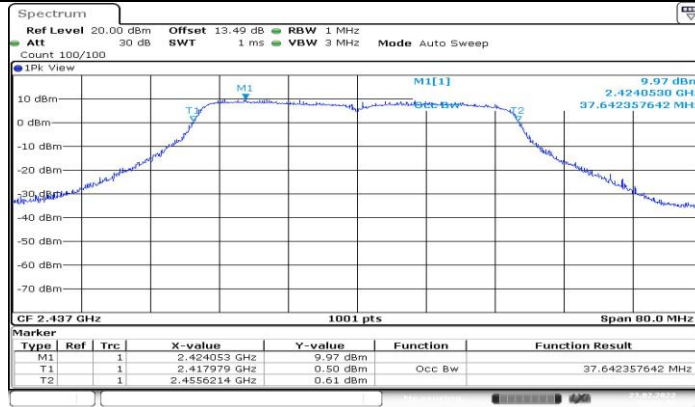
11N40MIMO\_Ant1\_2422



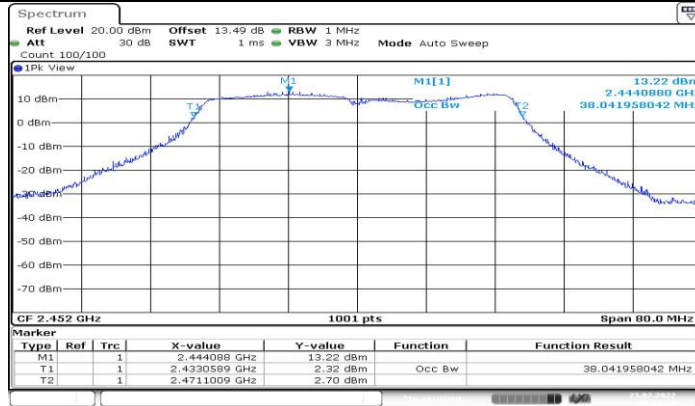
11N40MIMO\_Ant2\_2422



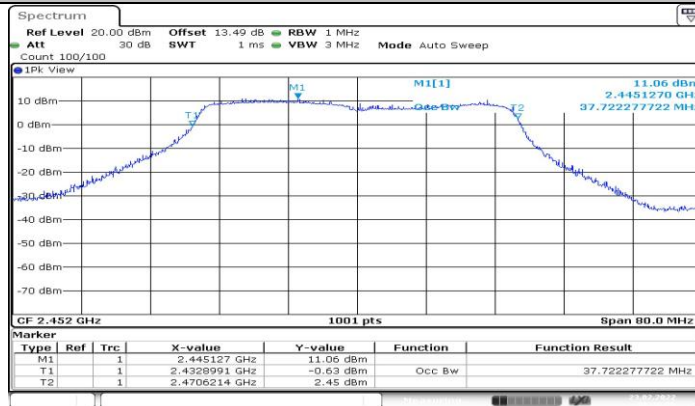
11N40MIMO\_Ant1\_2437



Date: 23.FEB.2022 05:09:41



Date: 23.FEB.2022 05:15:34



Date: 23.FEB.2022 05:18:29

**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
total	2462	18.73	≤30.00	PASS	
11N40MIMO	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.

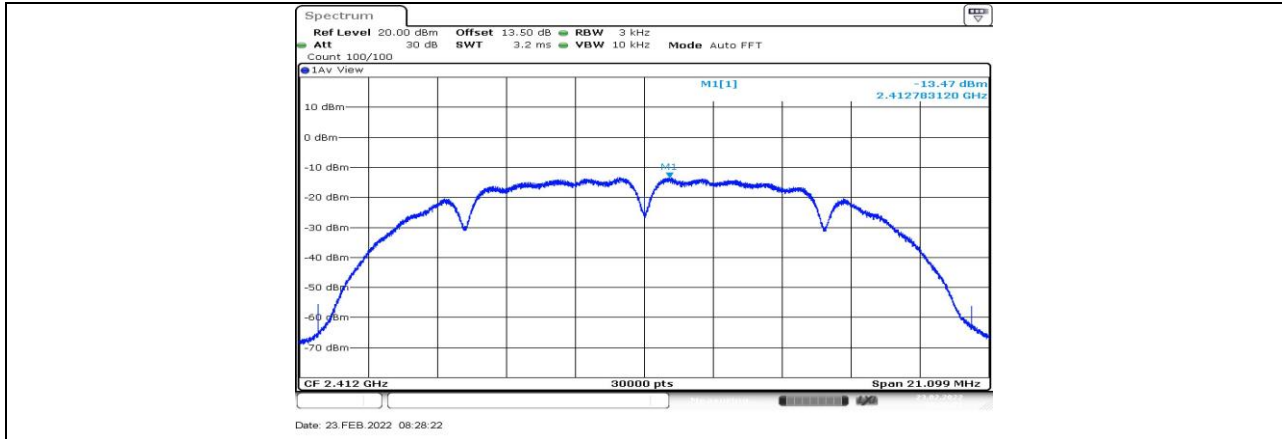


**11.4. Appendix D: Maximum power spectral density**  
**11.4.1. Test Result**

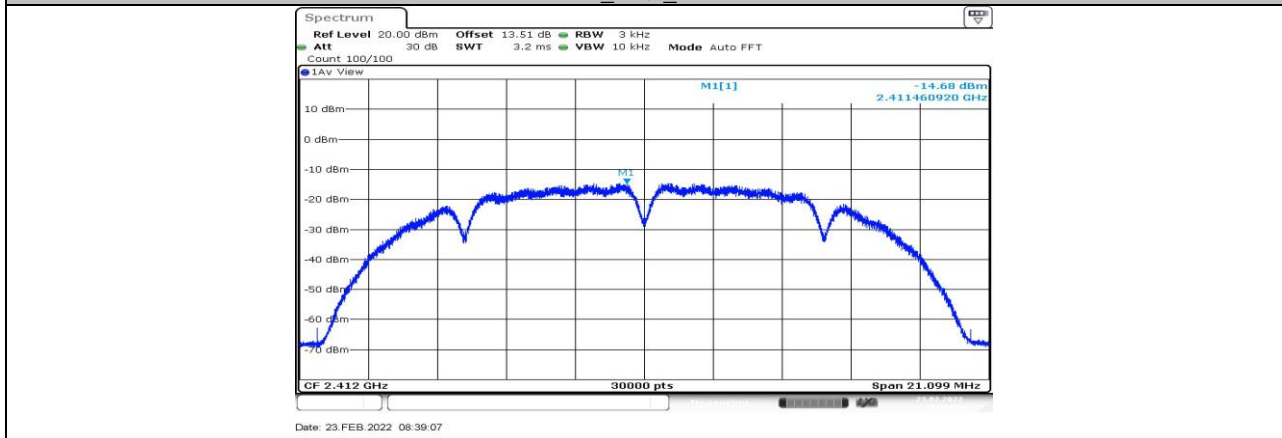
Test Mode	Antenna	Channel	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant1	2412	-13.47	≤8.00	PASS
	Ant2	2412	-14.68	≤8.00	PASS
	Ant1	2437	-14.12	≤8.00	PASS
	Ant2	2437	-14.61	≤8.00	PASS
	Ant1	2462	-14.59	≤8.00	PASS
	Ant2	2462	-14.71	≤8.00	PASS
11G	Ant1	2412	-15.82	≤8.00	PASS
	Ant2	2412	-17.15	≤8.00	PASS
	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
	total	2462	-13.46	≤8.00	PASS
11N40MIMO	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.

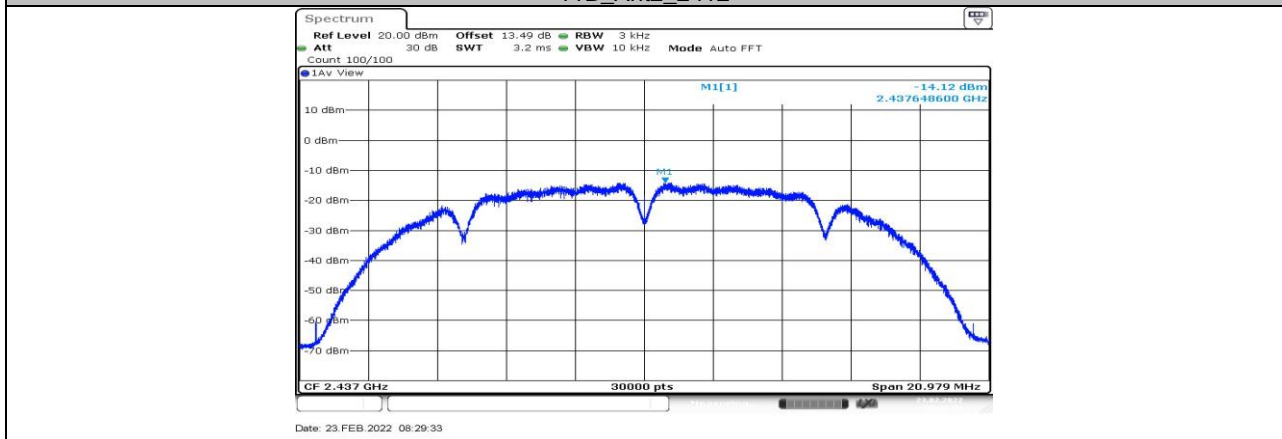
### 11.4.2. Test Graphs



11B\_Ant1\_2412



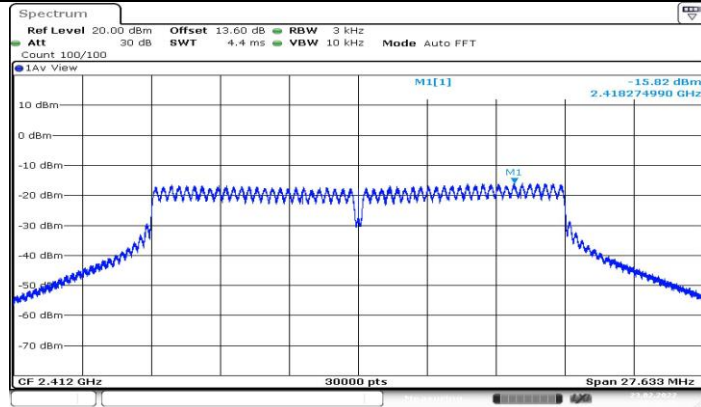
11B\_Ant2\_2412



11B\_Ant1\_2437

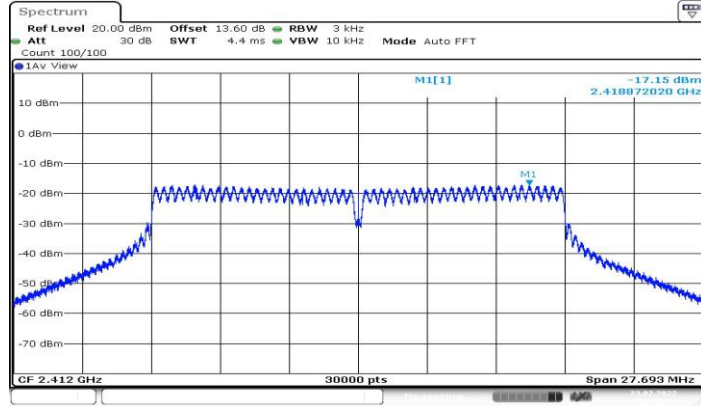






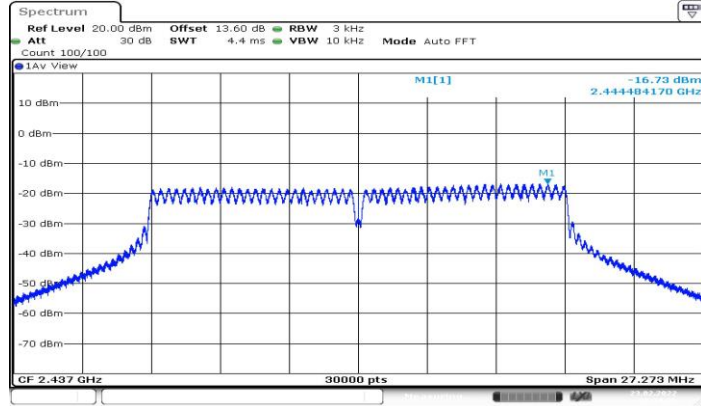
Date: 23.FEB.2022 08:33:15

11G\_Ant1\_2412



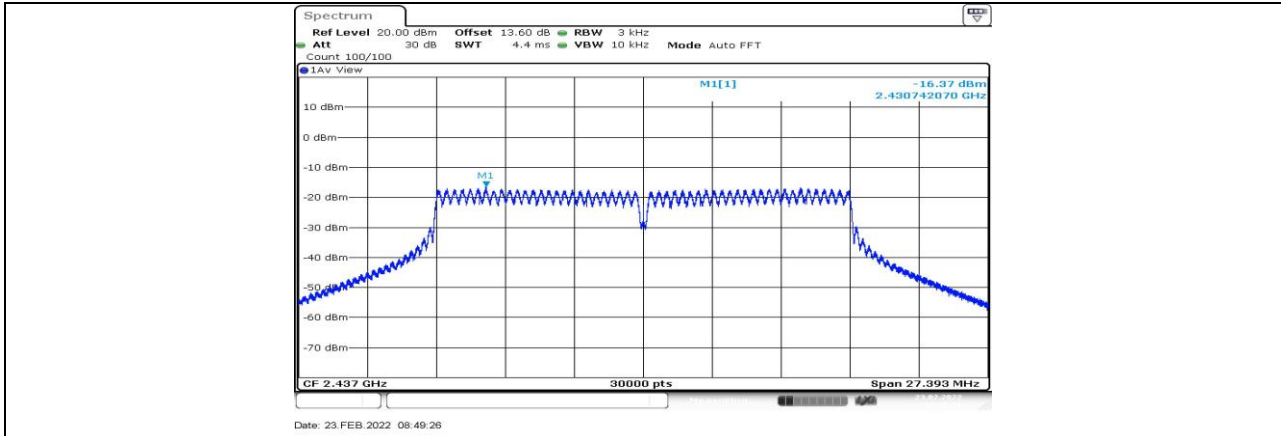
Date: 23.FEB.2022 08:46:01

11G\_Ant2\_2412

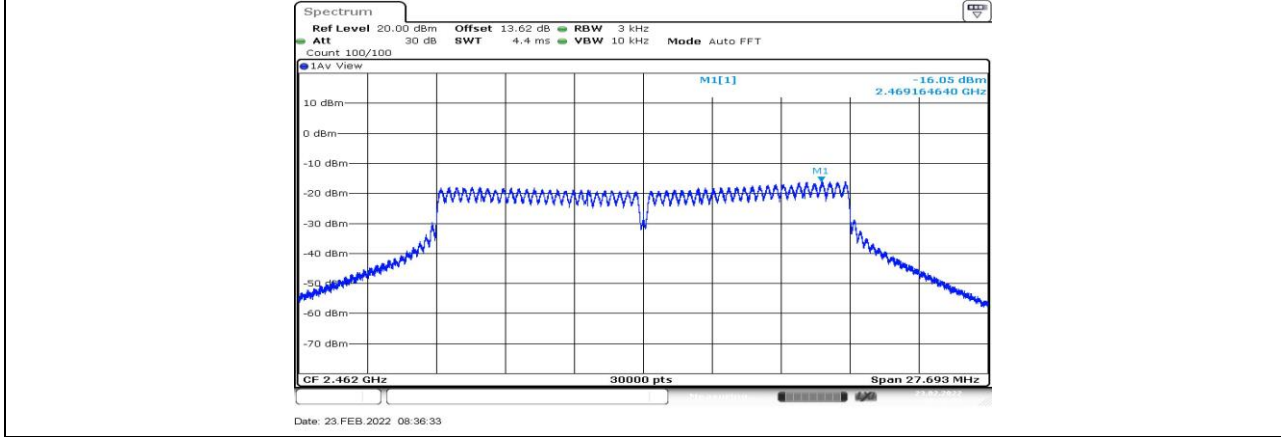


Date: 23.FEB.2022 08:34:39

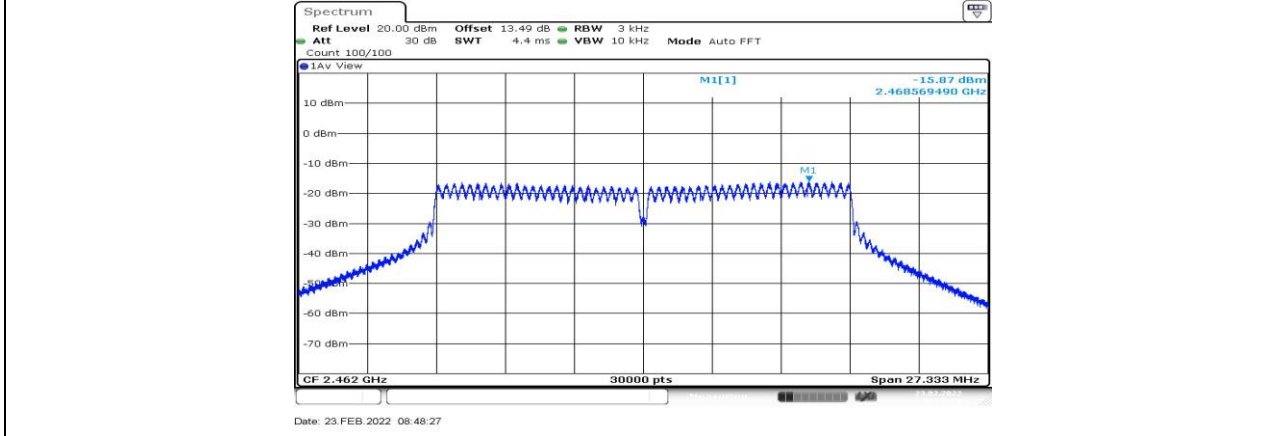
11G\_Ant1\_2437



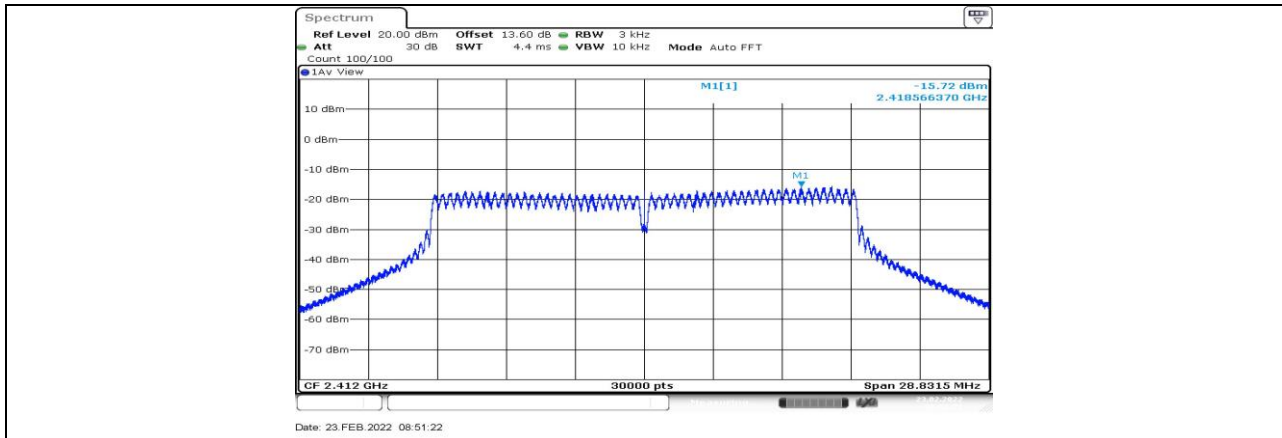
11G\_Ant2\_2437



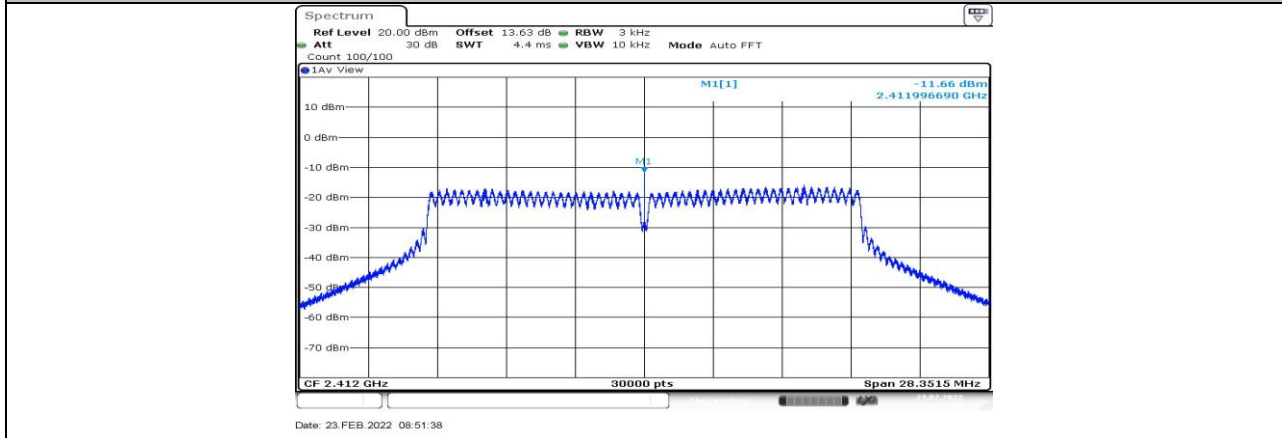
11G\_Ant1\_2462



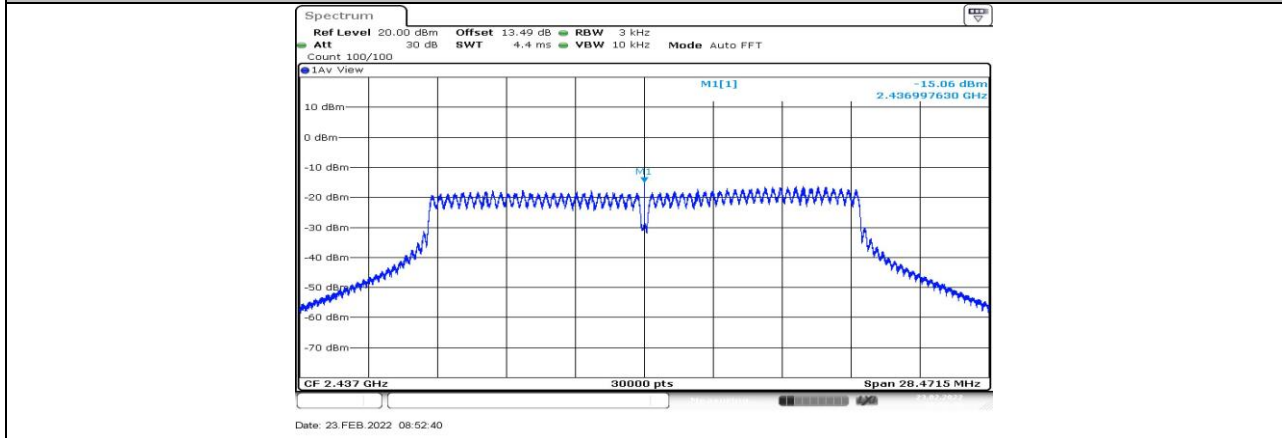
11G\_Ant2\_2462



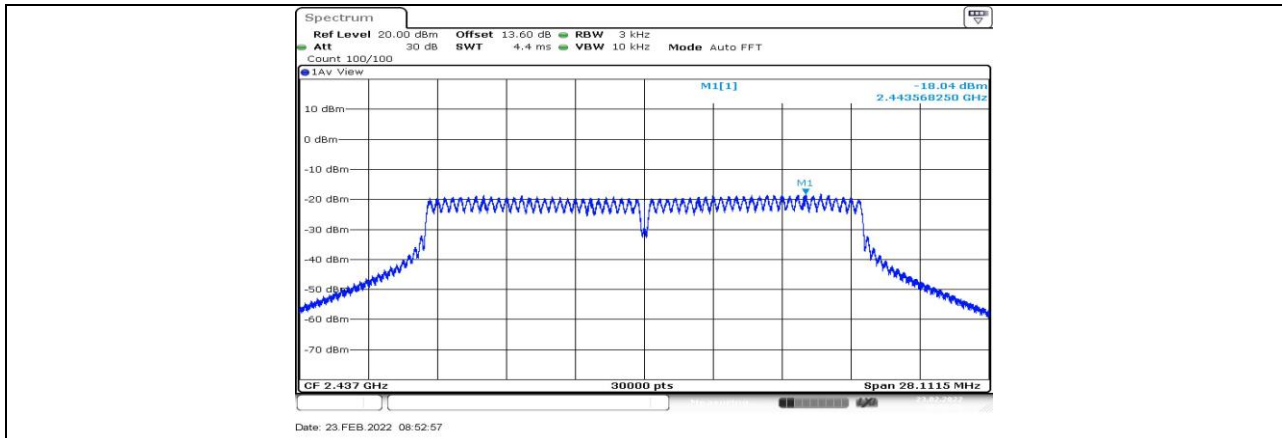
11N20MIMO\_Ant1\_2412



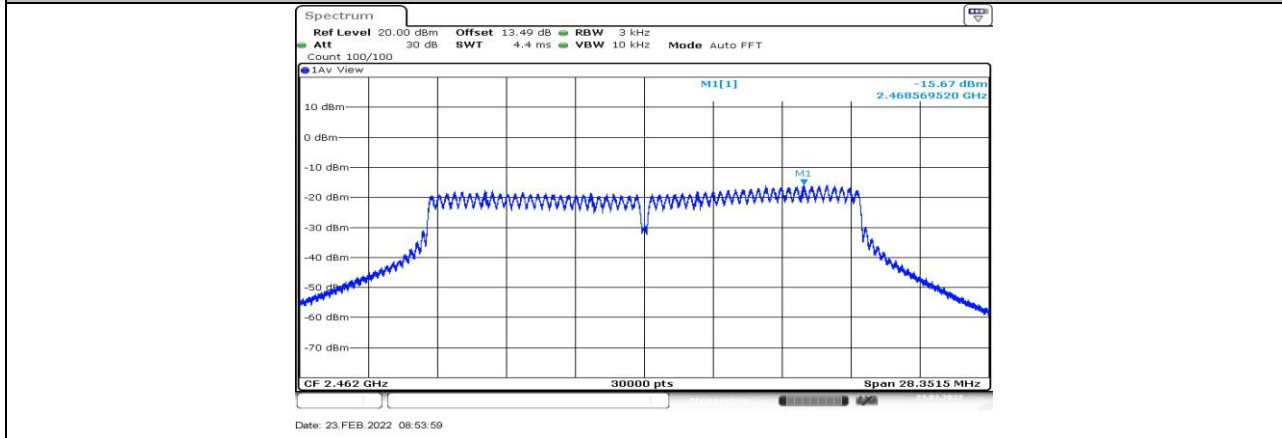
11N20MIMO\_Ant2\_2412



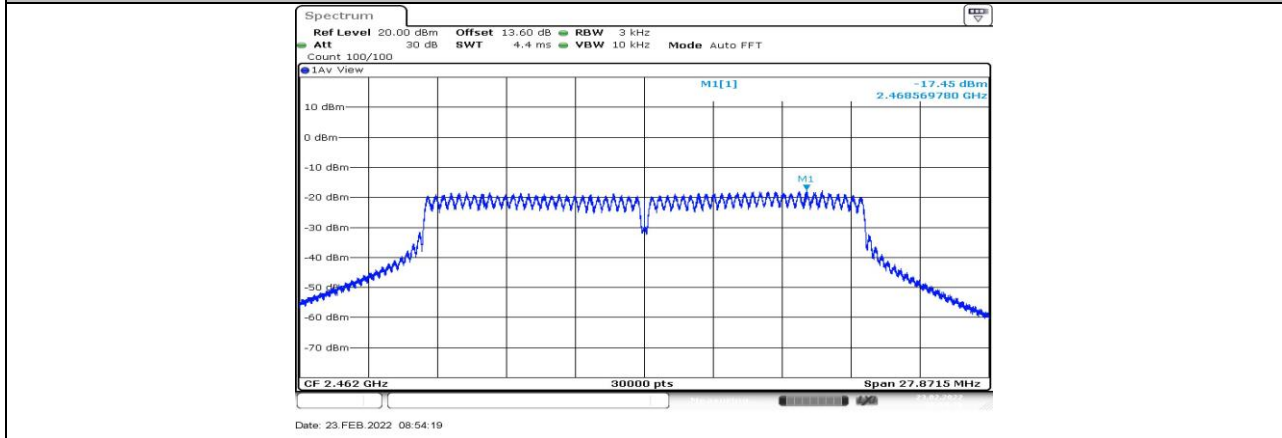
11N20MIMO\_Ant1\_2437



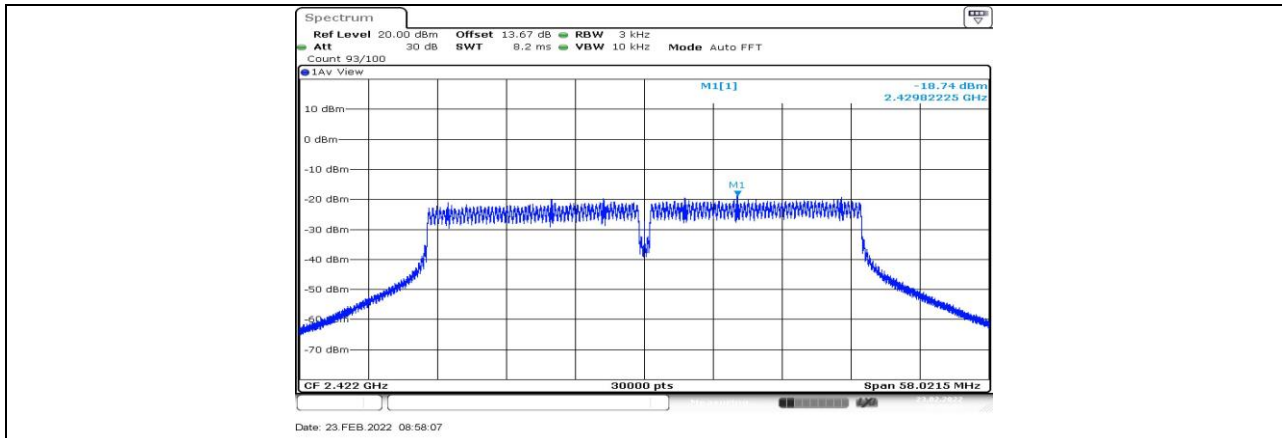
11N20MIMO\_Ant2\_2437



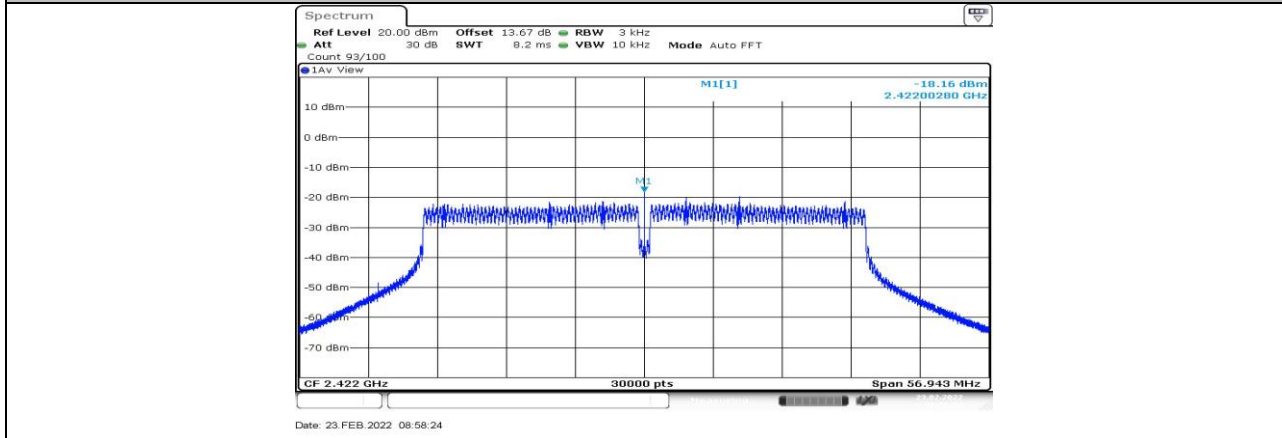
11N20MIMO\_Ant1\_2462



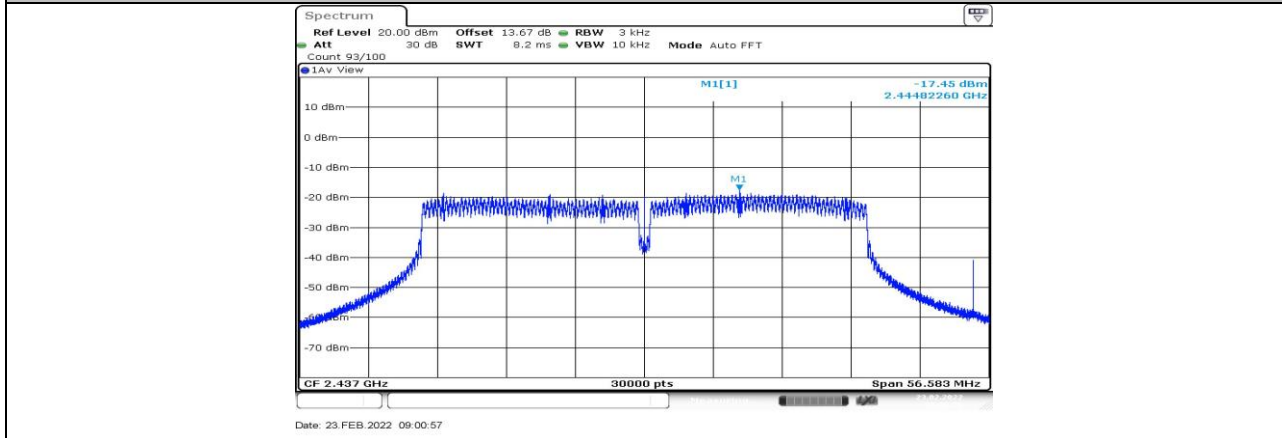
11N20MIMO\_Ant2\_2462



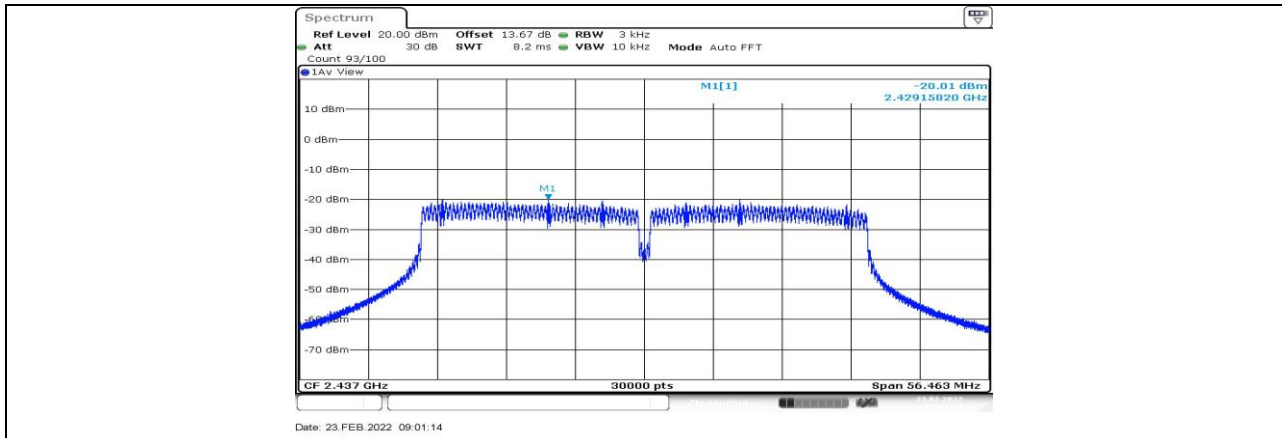
11N40MIMO\_Ant1\_2422



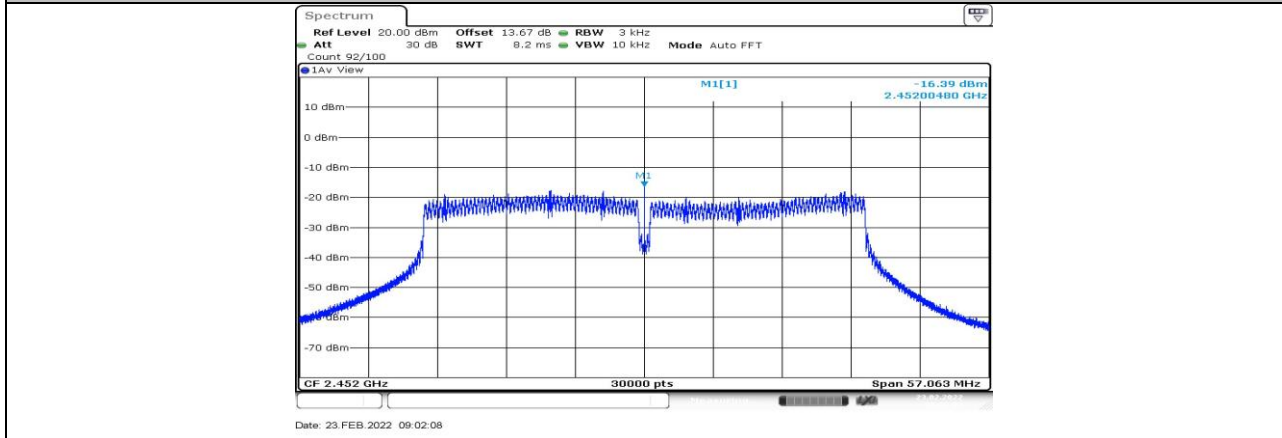
11N40MIMO\_Ant2\_2422



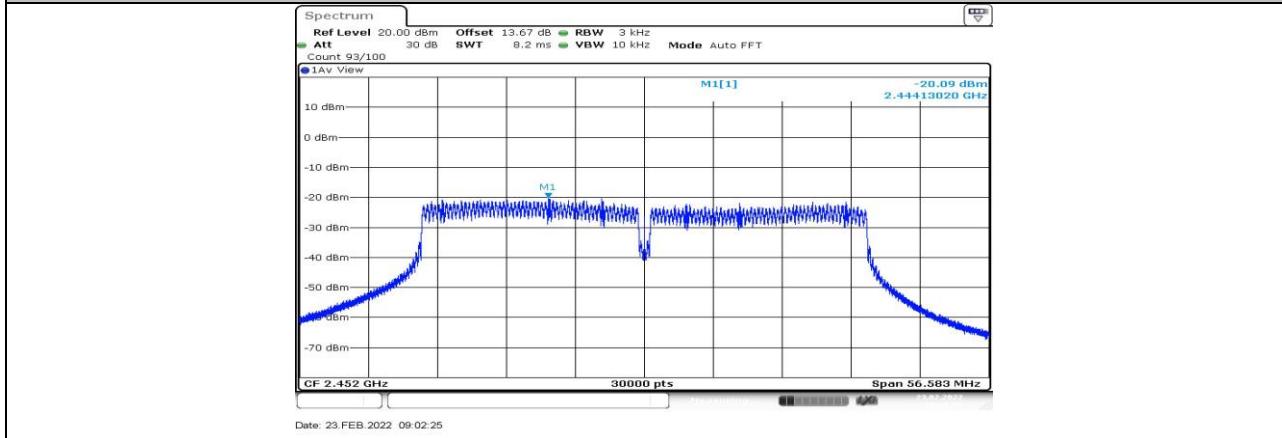
11N40MIMO\_Ant1\_2437



11N40MIMO\_Ant2\_2437



11N40MIMO\_Ant1\_2452



11N40MIMO\_Ant2\_2452

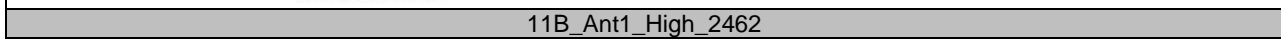
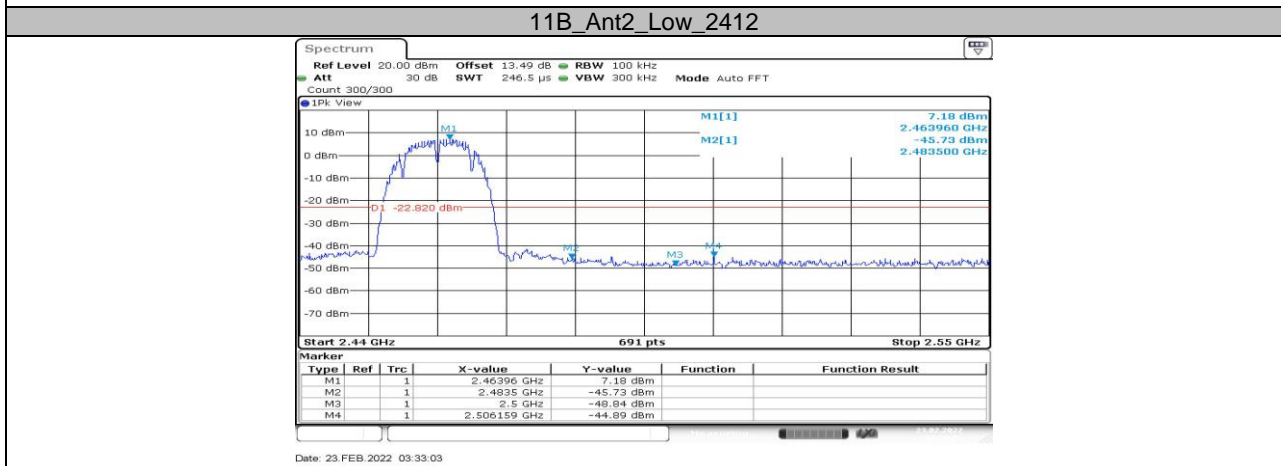
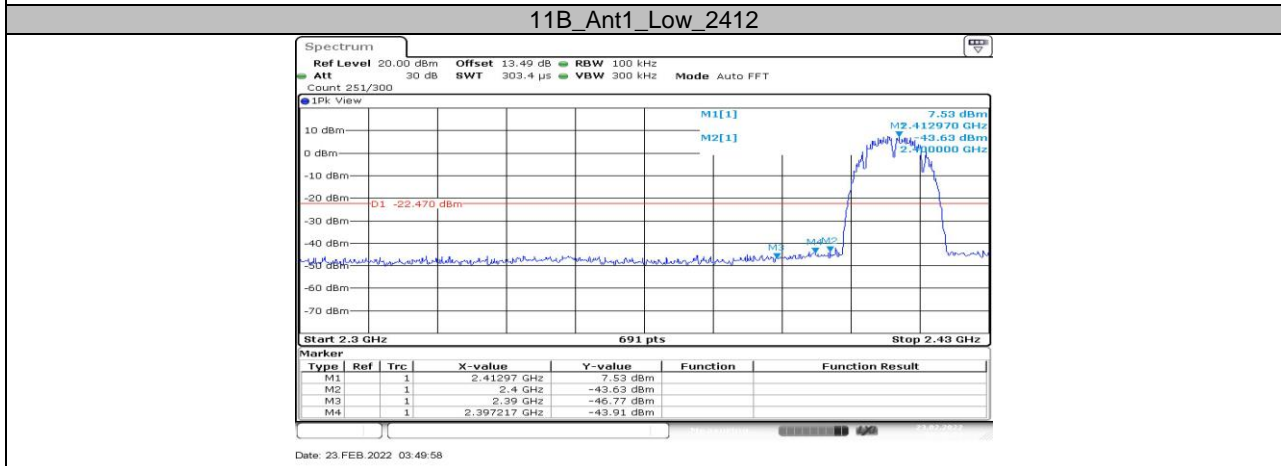
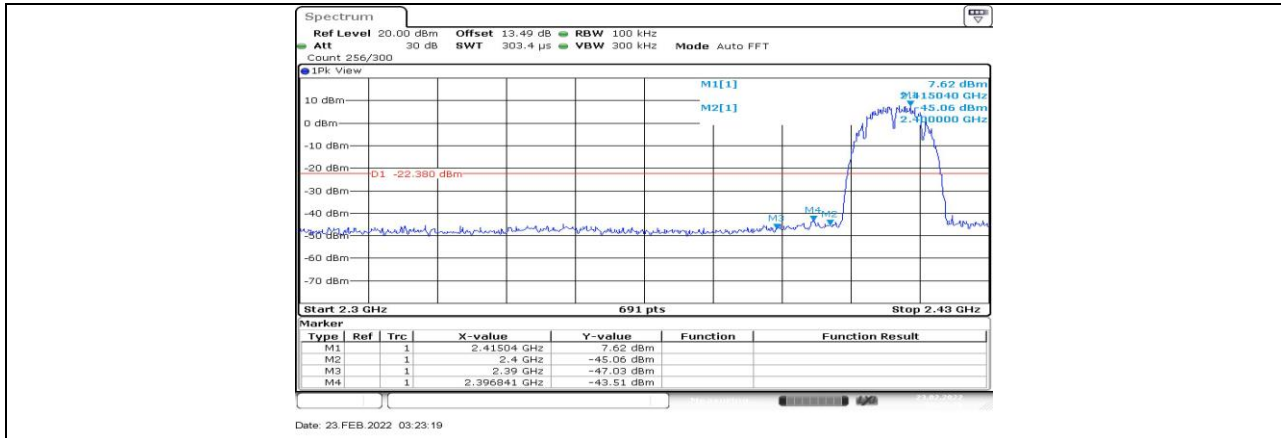


## 11.5. Appendix E: Band edge measurements

### 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

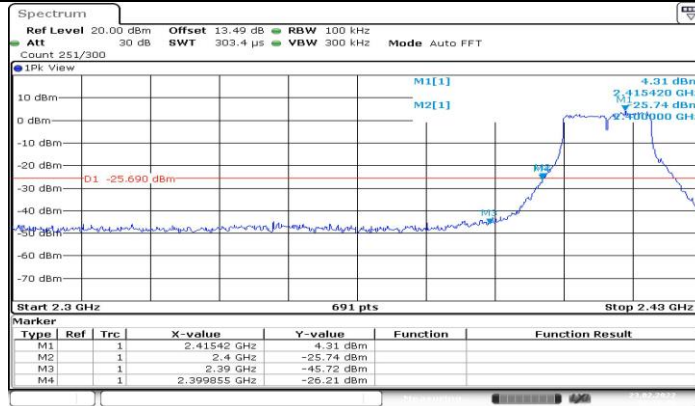






Date: 23.FEB.2022 04:00:34

11B\_Ant2\_High\_2462



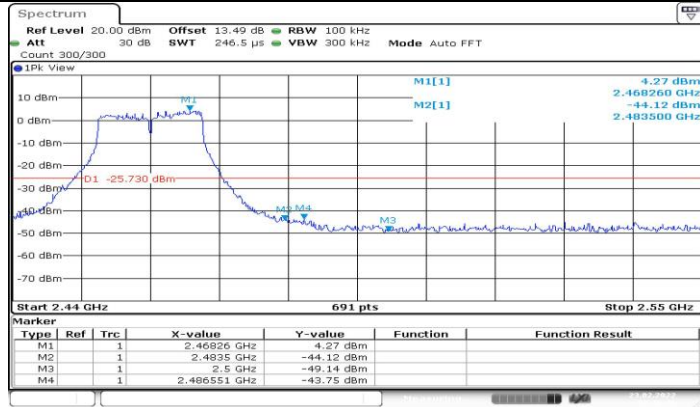
Date: 23.FEB.2022 03:37:49

11G\_Ant1\_Low\_2412



Date: 23.FEB.2022 04:03:26

11G\_Ant2\_Low\_2412



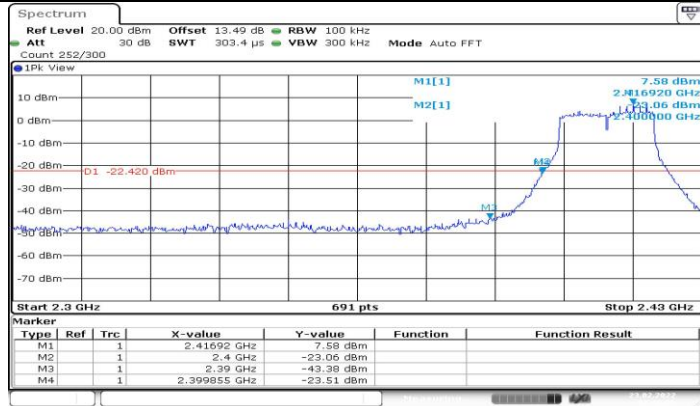
Date: 23.FEB.2022 03:46:48

11G\_Ant1\_High\_2462



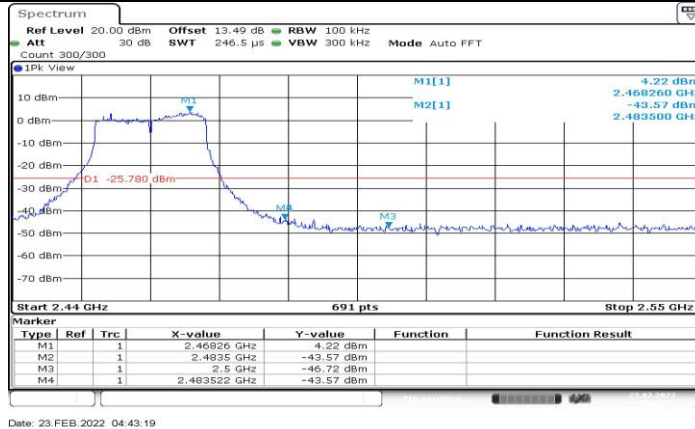
Date: 23.FEB.2022 04:11:05

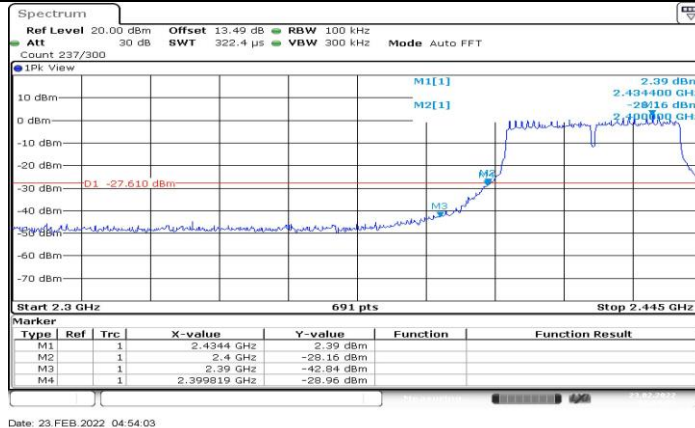
11G\_Ant2\_High\_2462



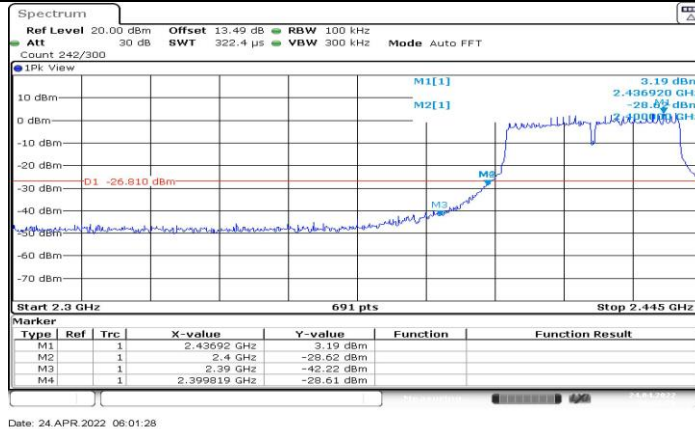
Date: 23.FEB.2022 04:18:10

11N20MIMO\_Ant1\_Low\_2412

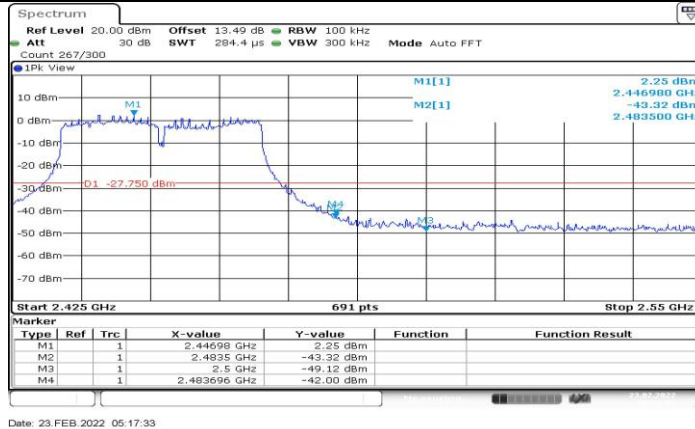




11N40MIMO\_Ant1\_Low\_2422



11N40MIMO\_Ant2\_Low\_2422



11N40MIMO\_Ant1\_High\_2452



## 11.6. Appendix F: Conducted Spurious Emission

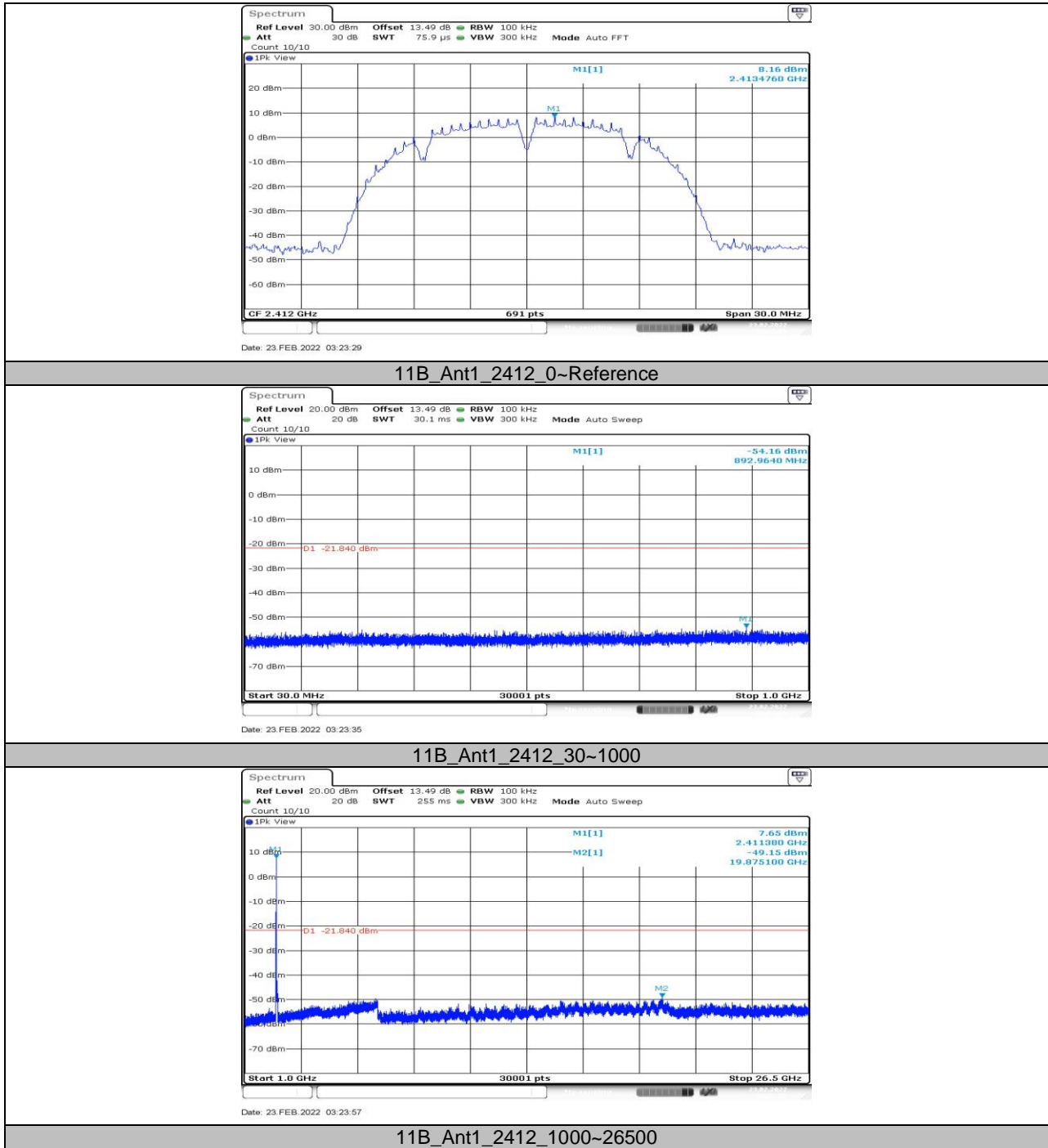
### 11.6.1. Test Result

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
	Ant1	2462	Reference	7.27	---	PASS
			30~1000	-54.41	≤-22.73	PASS
			1000~26500	-48.49	≤-22.73	PASS
	Ant2	2462	Reference	7.41	---	PASS
			30~1000	-53.62	≤-22.59	PASS
			1000~26500	-48.87	≤-22.59	PASS
11G	Ant1	2412	Reference	5.79	---	PASS
			30~1000	-53.98	≤-24.21	PASS
			1000~26500	-49.18	≤-24.21	PASS
	Ant2	2412	Reference	5.51	---	PASS
			30~1000	-53.51	≤-24.49	PASS
			1000~26500	-48.64	≤-24.49	PASS
	Ant1	2437	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
	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

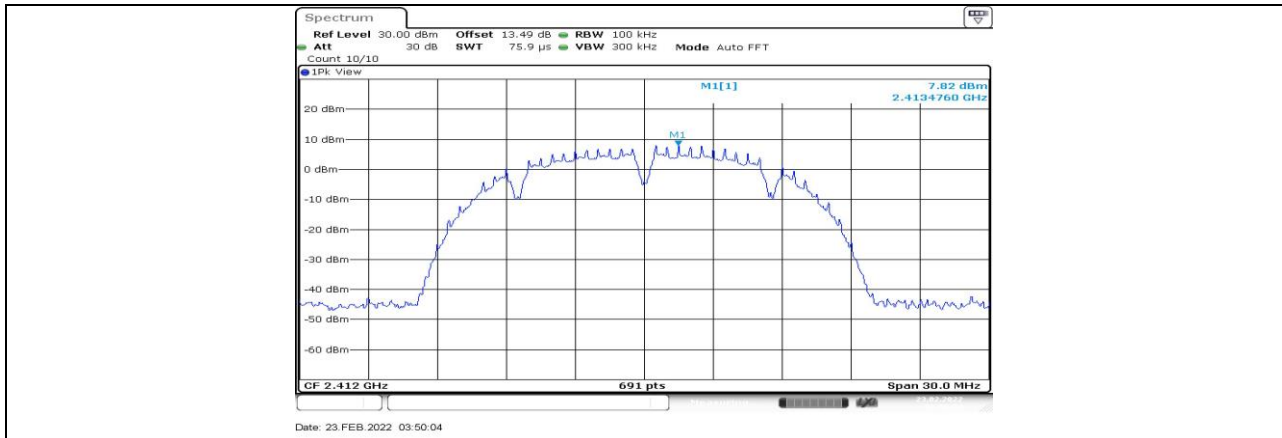


11N40MIMO	Ant1	2422	1000~26500	-48.52	$\leq -24.74$	PASS	
			Reference	2.23	---	PASS	
			30~1000	-54.15	$\leq -27.77$	PASS	
	Ant2	2422	1000~26500	-49.01	$\leq -27.77$	PASS	
			Reference	1.52	---	PASS	
			30~1000	-53.44	$\leq -28.48$	PASS	
	Ant1	2437	1000~26500	-48.87	$\leq -28.48$	PASS	
			Reference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

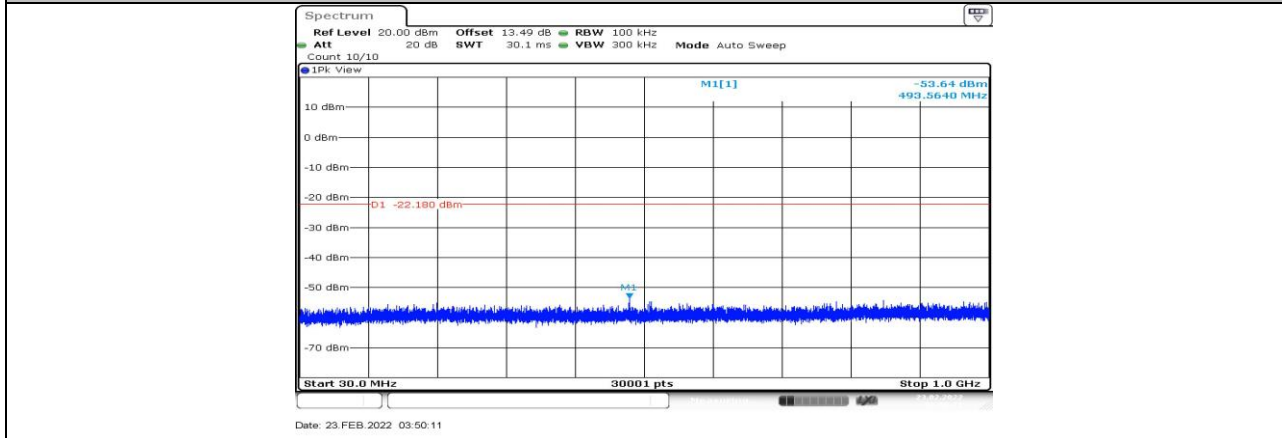
### 11.6.2. Test Graphs



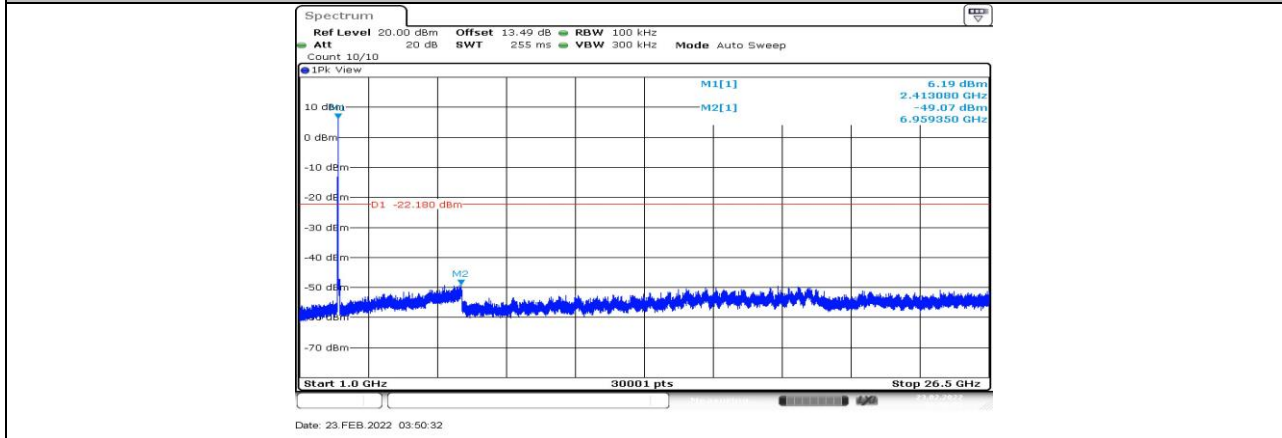




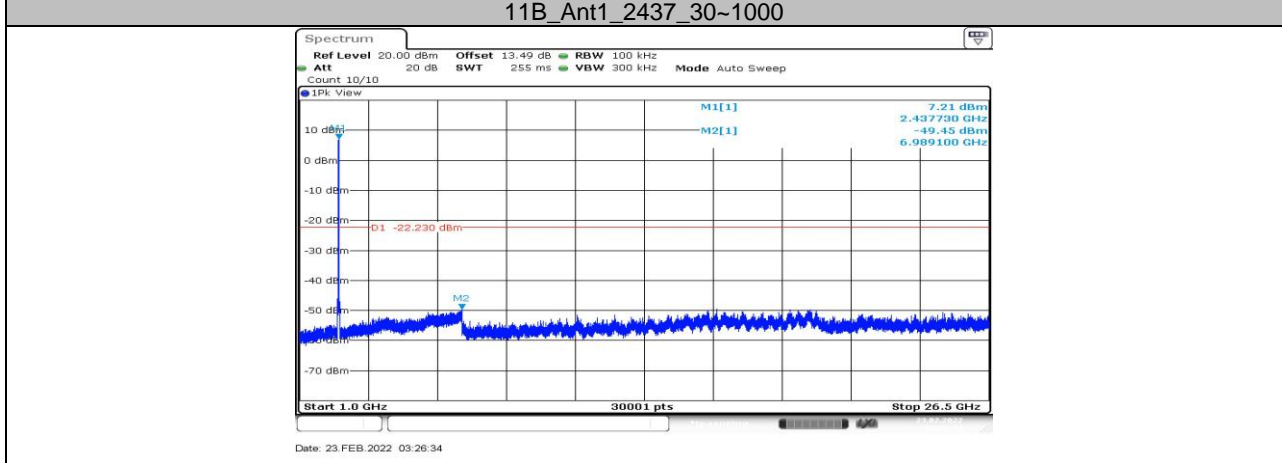
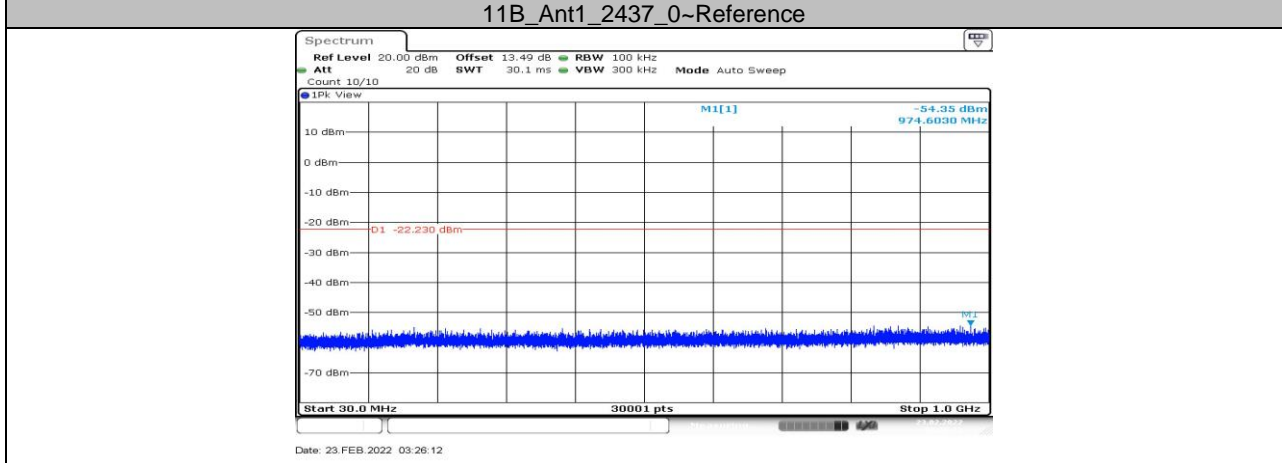
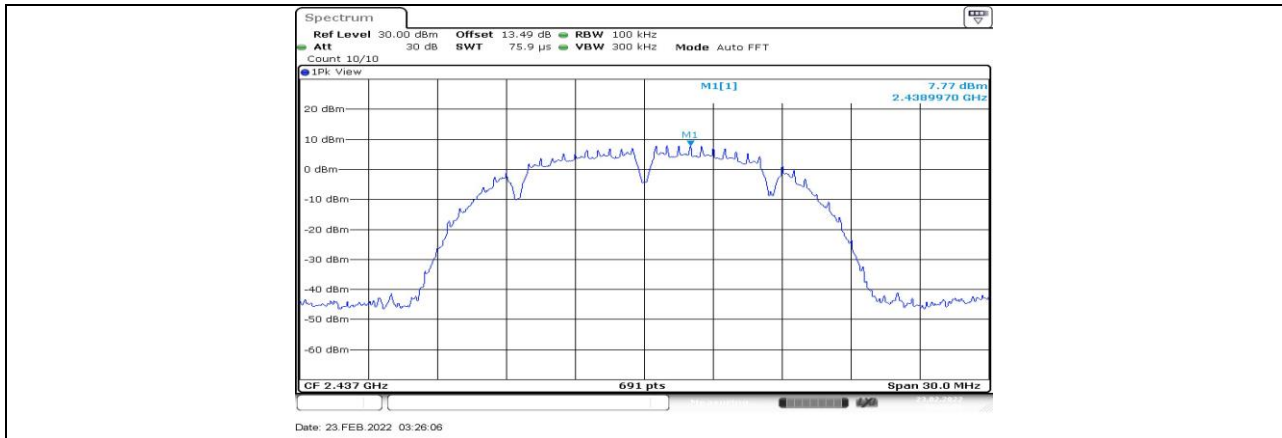
11B\_Ant2\_2412\_0~Reference

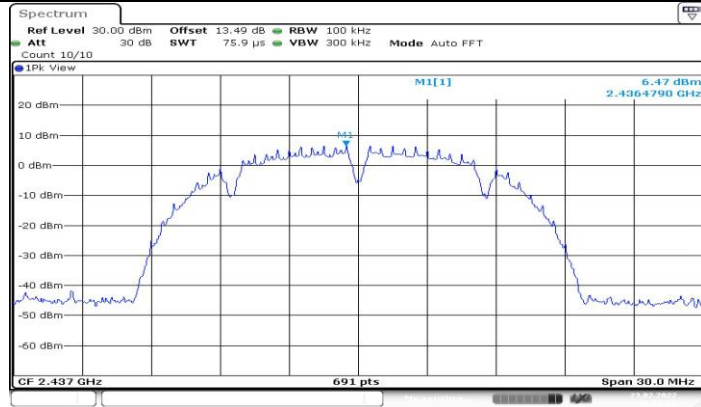


11B\_Ant2\_2412\_30~1000



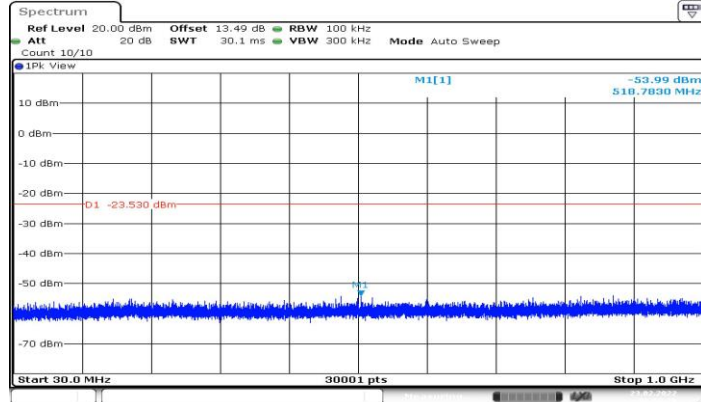
11B\_Ant2\_2412\_1000~26500





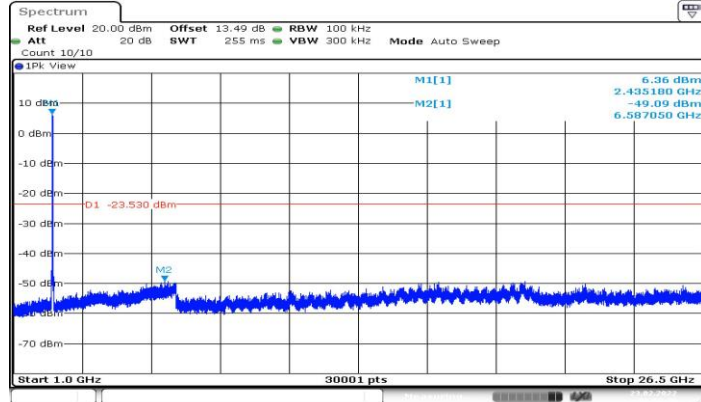
Date: 23.FEB.2022 03:52:13

### 11B\_Ant2\_2437\_0~Reference



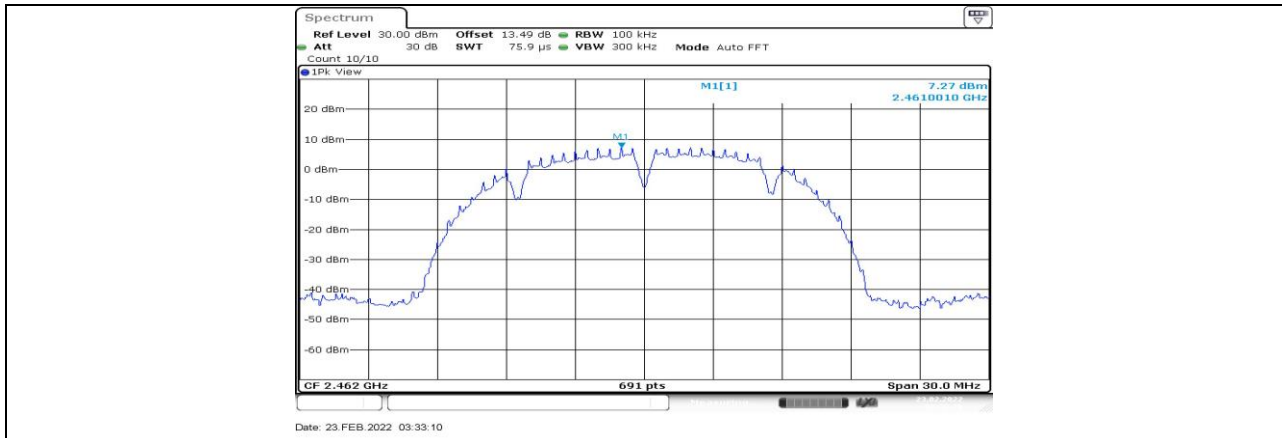
Date: 23.FEB.2022 03:52:19

### 11B\_Ant2\_2437\_30~1000

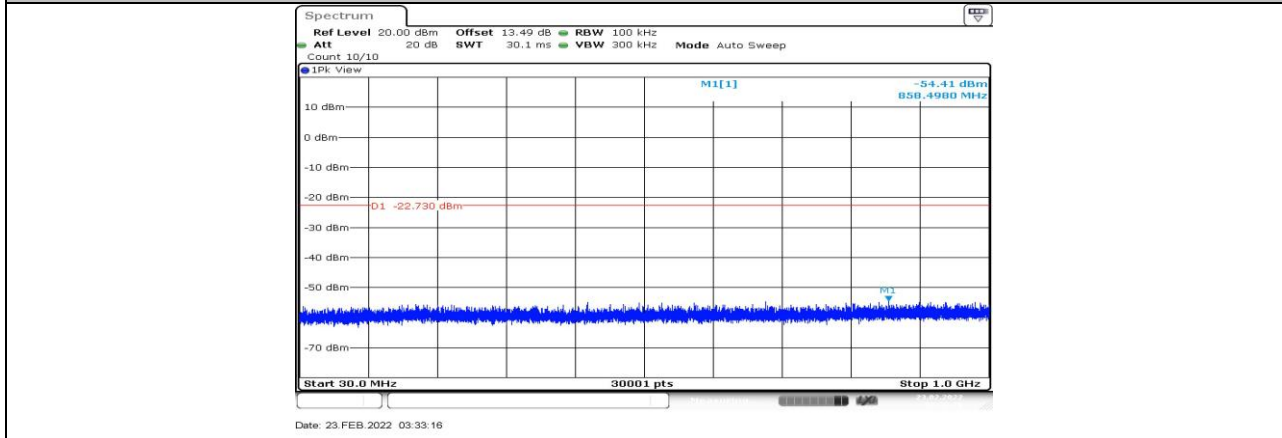


Date: 23.FEB.2022 03:52:40

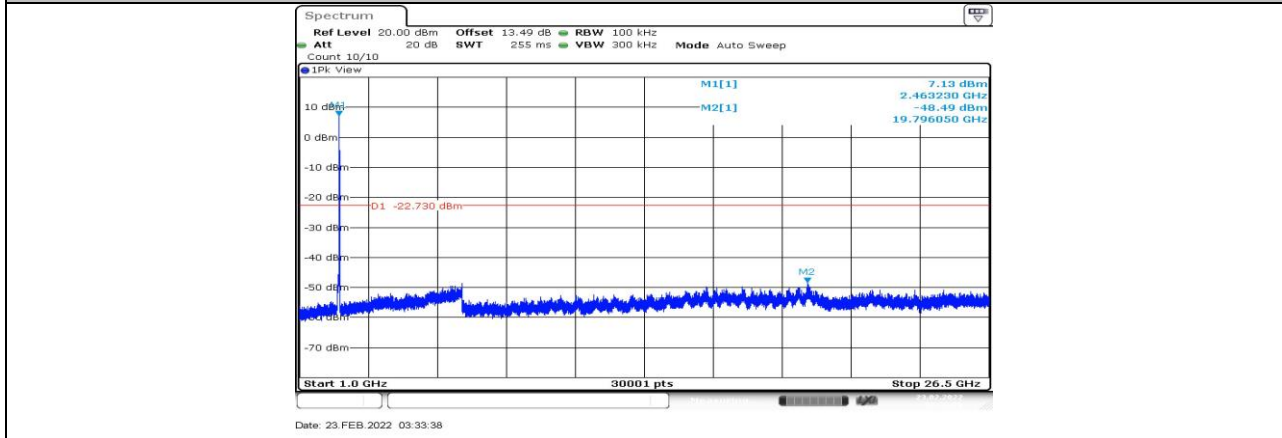
### 11B\_Ant2\_2437\_1000~26500



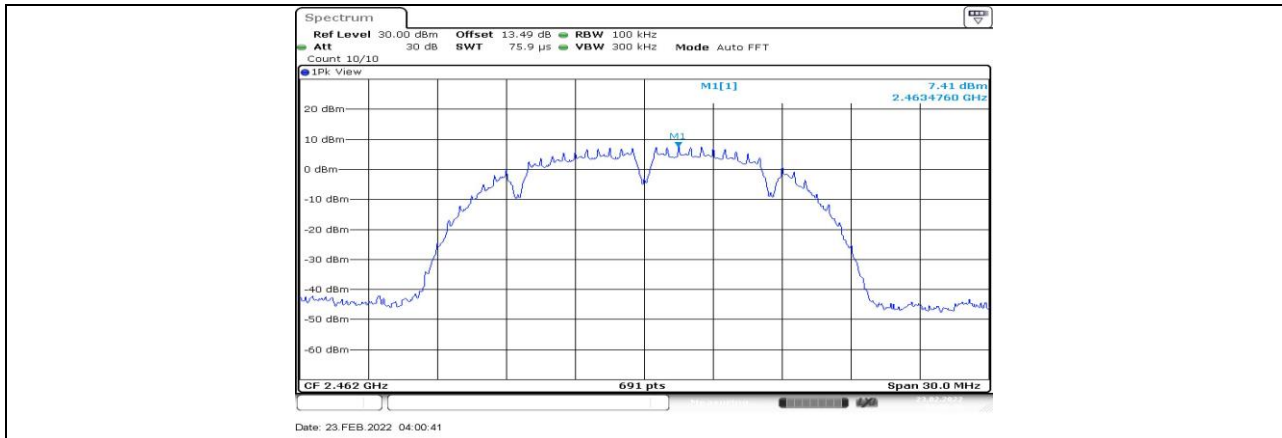
11B\_Ant1\_2462\_0~Reference



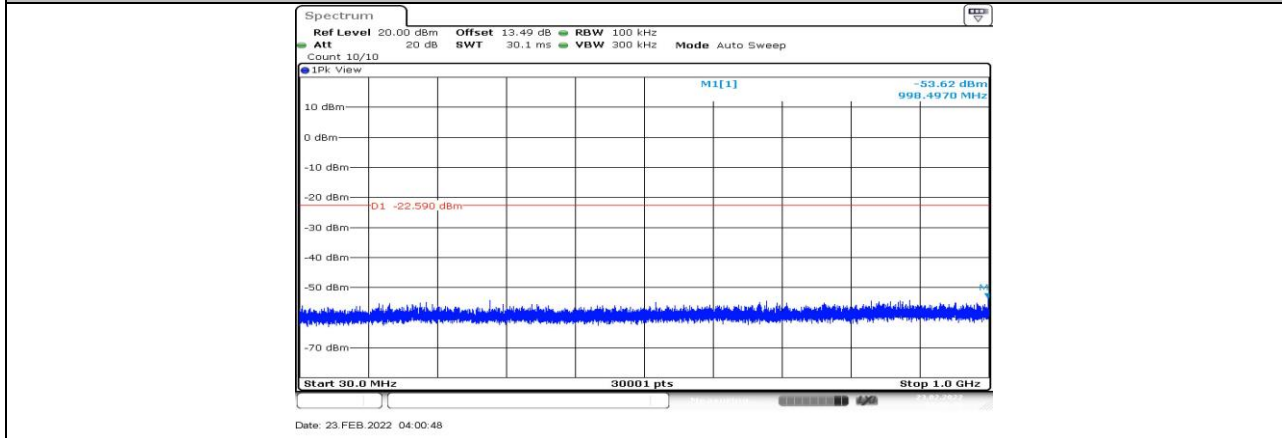
11B\_Ant1\_2462\_30~1000



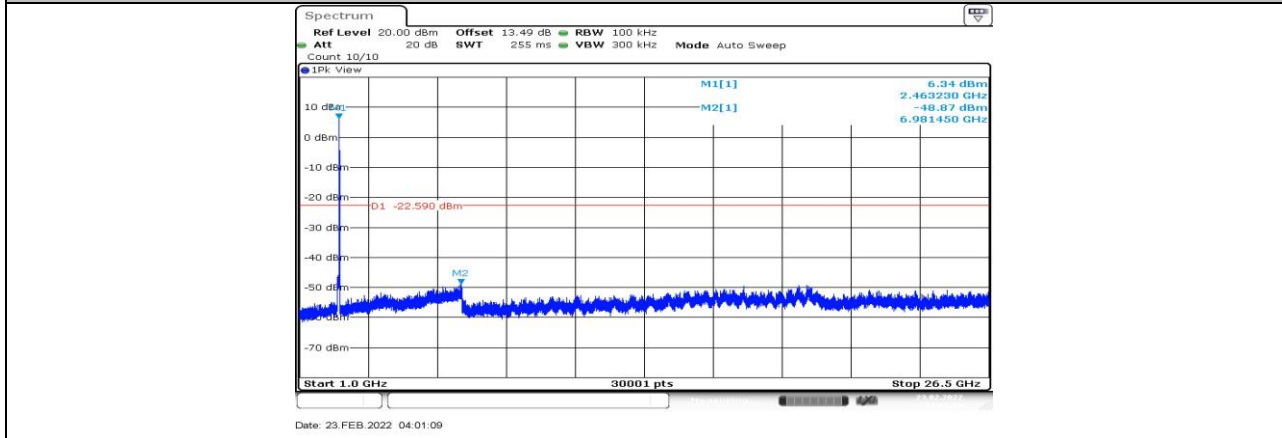
11B\_Ant1\_2462\_1000~26500



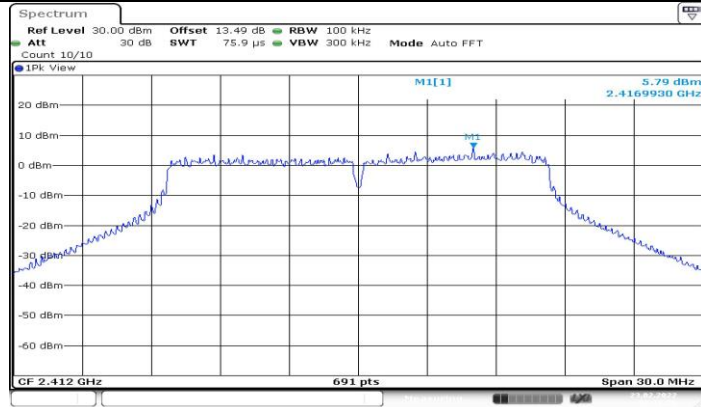
11B\_Ant2\_2462\_0~Reference



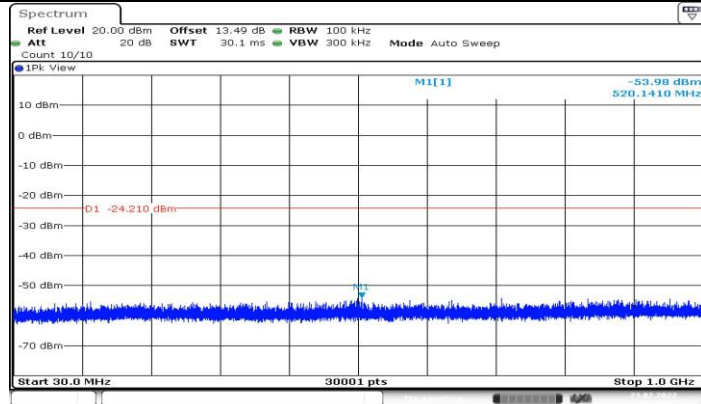
11B\_Ant2\_2462\_30~1000



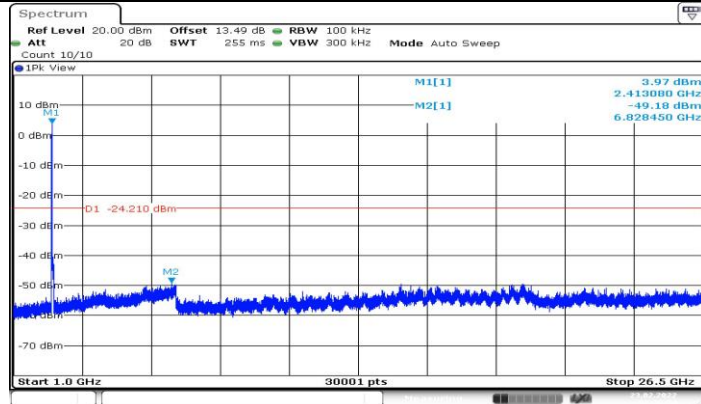
11B\_Ant2\_2462\_1000~26500



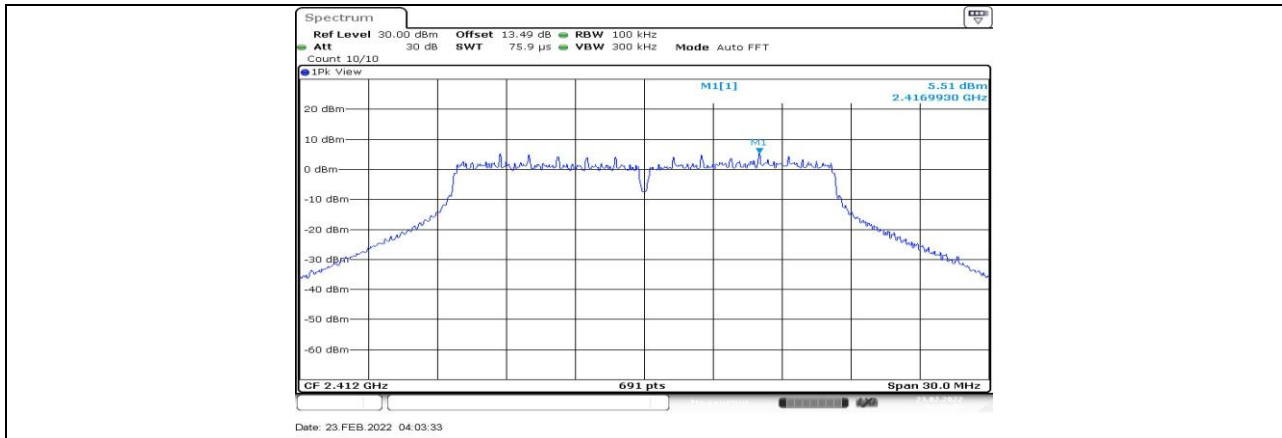
11G\_Ant1\_2412\_0-Reference



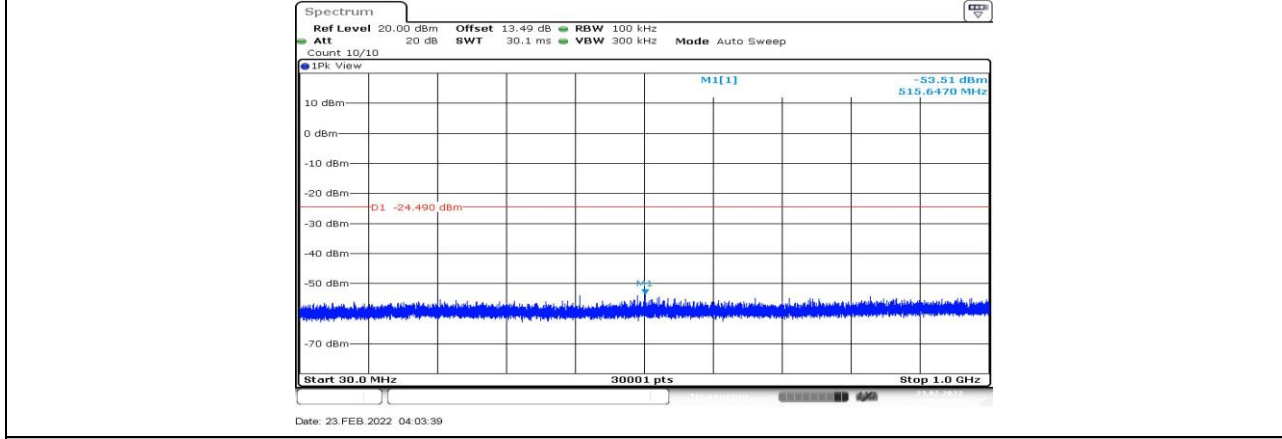
11G\_Ant1\_2412\_30-1000



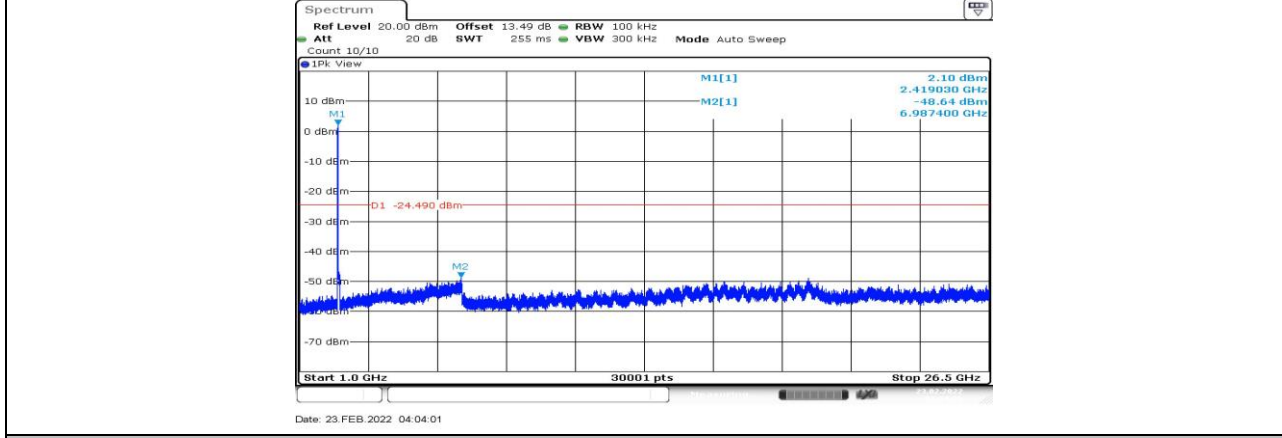
11G\_Ant1\_2412\_1000-26500



11G\_Ant2\_2412\_0-Reference



11G\_Ant2\_2412\_30~1000



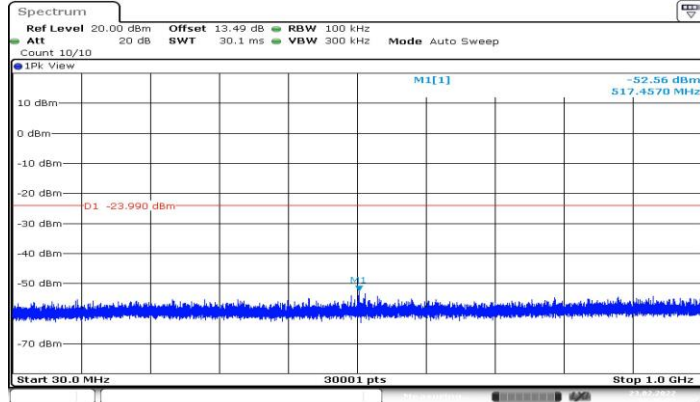
11G\_Ant2\_2412\_1000~26500





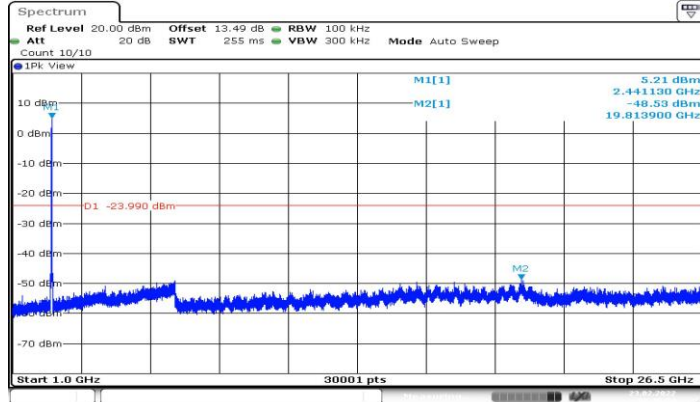
Date: 23.FEB.2022 03:39:58

11G\_Ant1\_2437\_0-Reference



Date: 23.FEB.2022 03:40:03

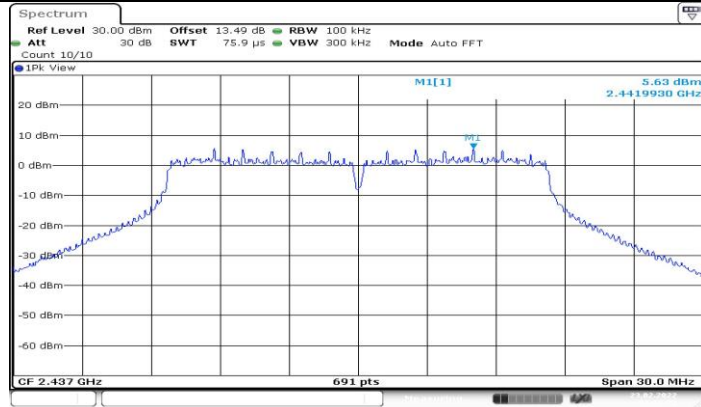
11G\_Ant1\_2437\_30-1000



Date: 23.FEB.2022 03:40:24

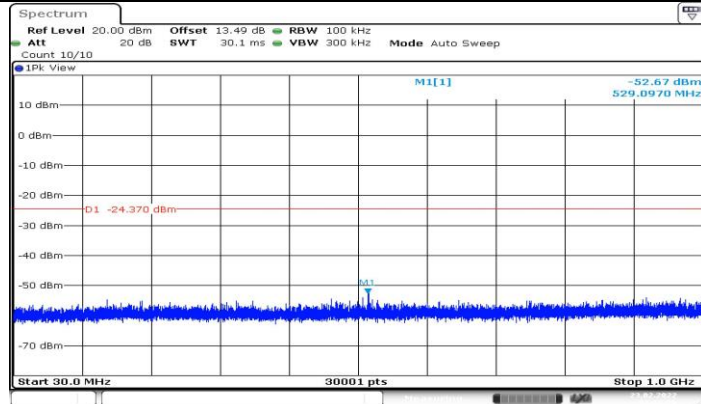
11G\_Ant1\_2437\_1000-26500





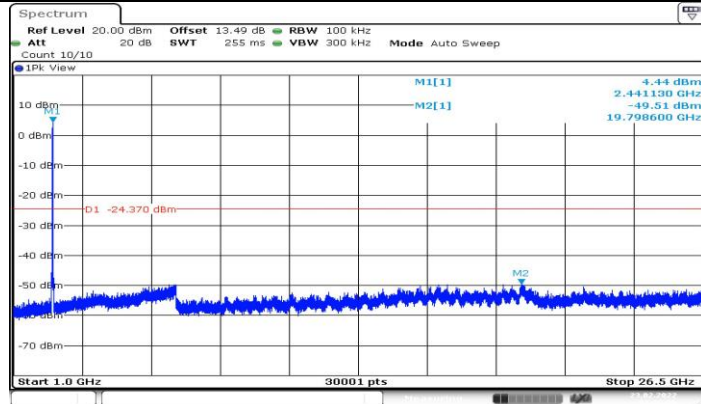
Date: 23.FEB.2022 04:07:32

### 11G\_Ant2\_2437\_0-Reference



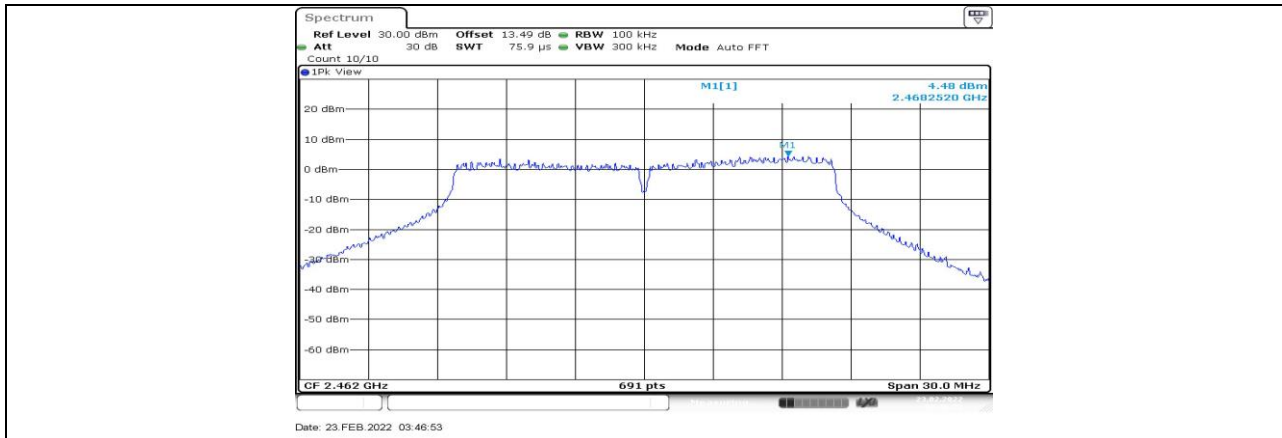
Date: 23.FEB.2022 04:07:39

### 11G\_Ant2\_2437\_30~1000

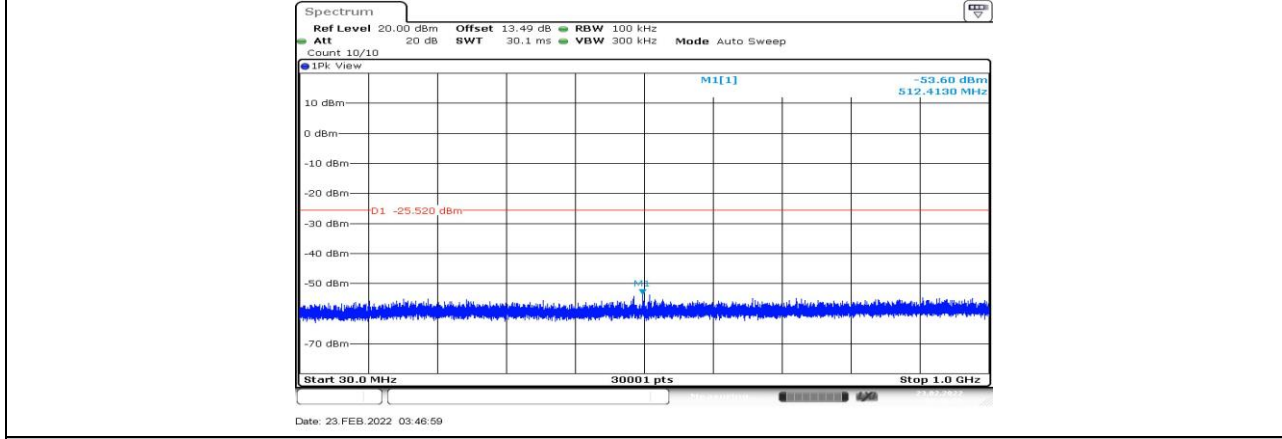


Date: 23.FEB.2022 04:08:01

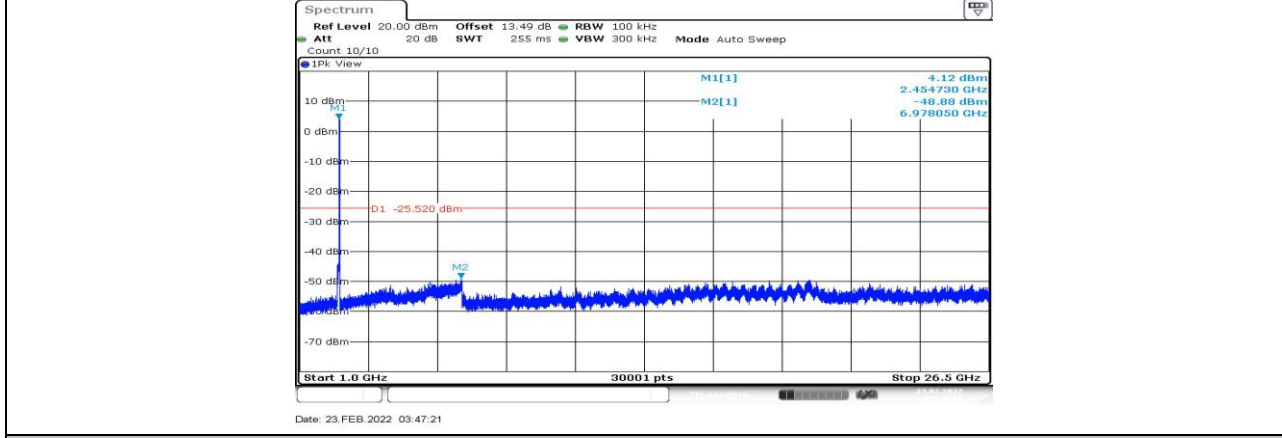
### 11G\_Ant2\_2437\_1000~26500



11G\_Ant1\_2462\_0~Reference



11G\_Ant1\_2462\_30~1000



11G\_Ant1\_2462\_1000~26500