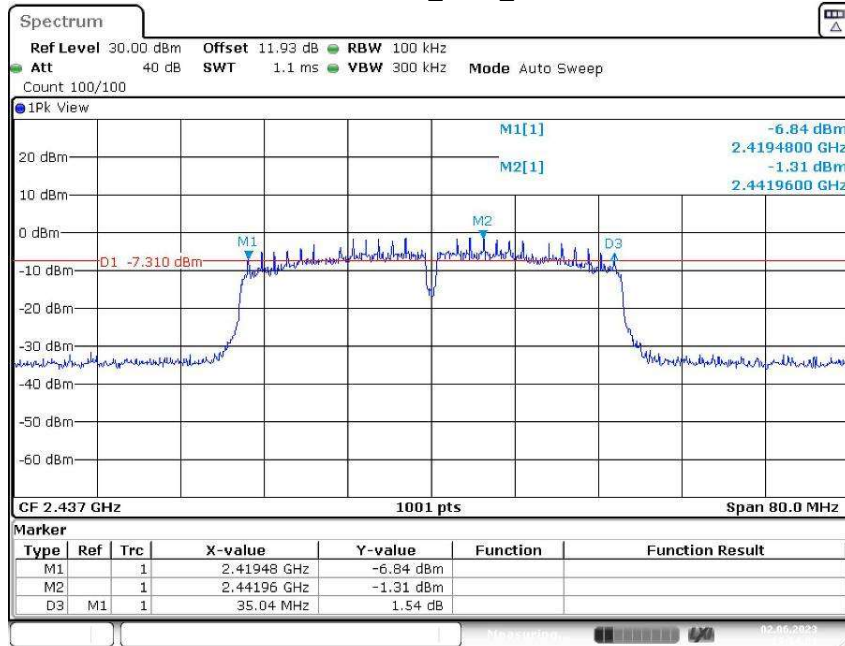
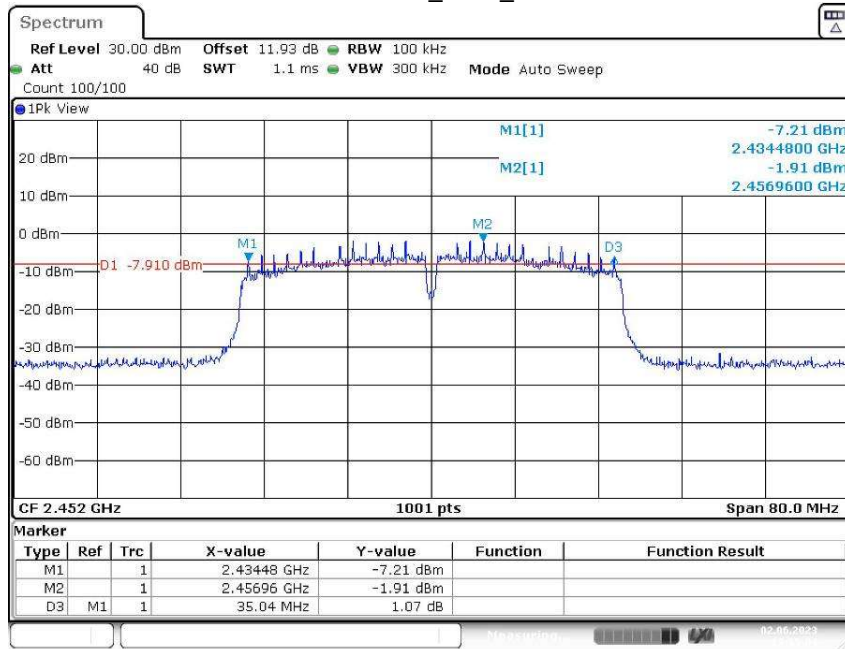


### 11N40SISO\_Ant1\_2437



### 11N40SISO\_Ant1\_2452

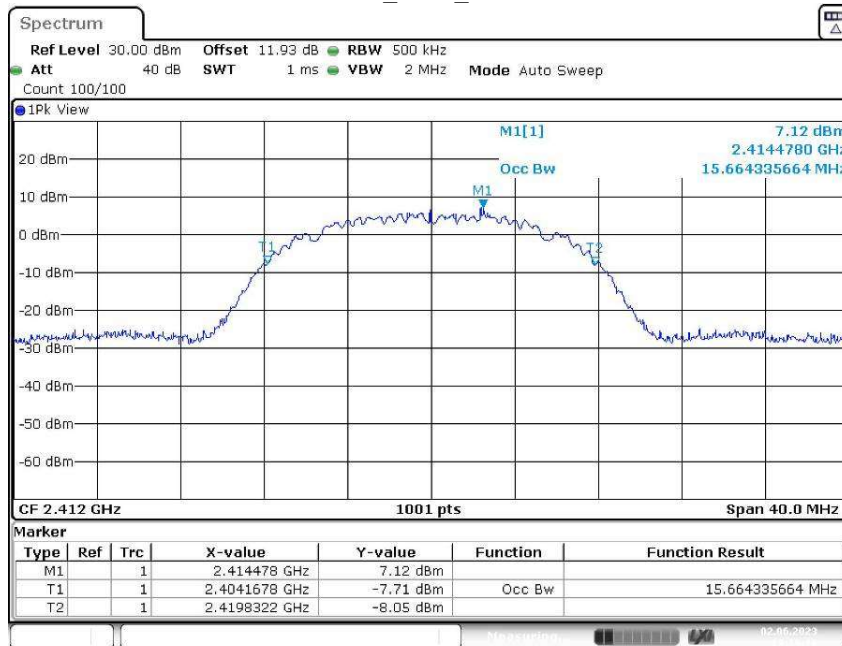


**Appendix B: Occupied Channel Bandwidth****Test Result**

Test Mode	Antenna	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	15.664	2404.1678	2419.8322	---	PASS
		2437	15.624	2429.1678	2444.7922	---	PASS
		2462	15.744	2454.0879	2469.8322	---	PASS
11G	Ant1	2412	17.622	2403.1688	2420.7912	---	PASS
		2437	17.582	2428.1688	2445.7512	---	PASS
		2462	17.582	2453.2088	2470.7912	---	PASS
11N20SISO	Ant1	2412	18.462	2402.7692	2421.2308	---	PASS
		2437	18.462	2427.7692	2446.2308	---	PASS
		2462	18.501	2452.7293	2471.2308	---	PASS
11N40SISO	Ant1	2422	36.204	2404.0180	2440.2218	---	PASS
		2437	36.284	2418.9381	2455.2218	---	PASS
		2452	36.204	2433.9381	2470.1419	---	PASS

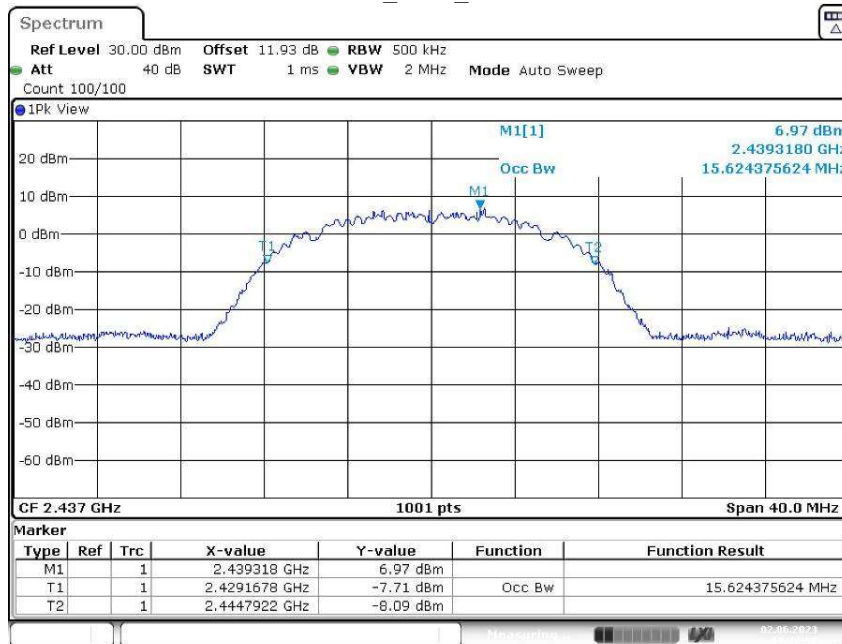
### Test Graphs

11B\_Ant1\_2412



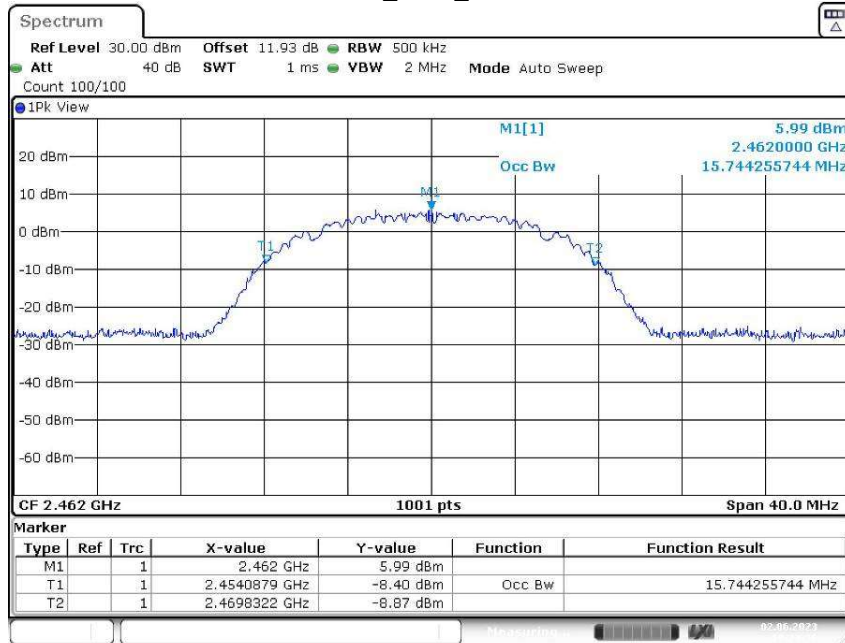
Date: 2.JUN.2023 19:29:16

11B\_Ant1\_2437



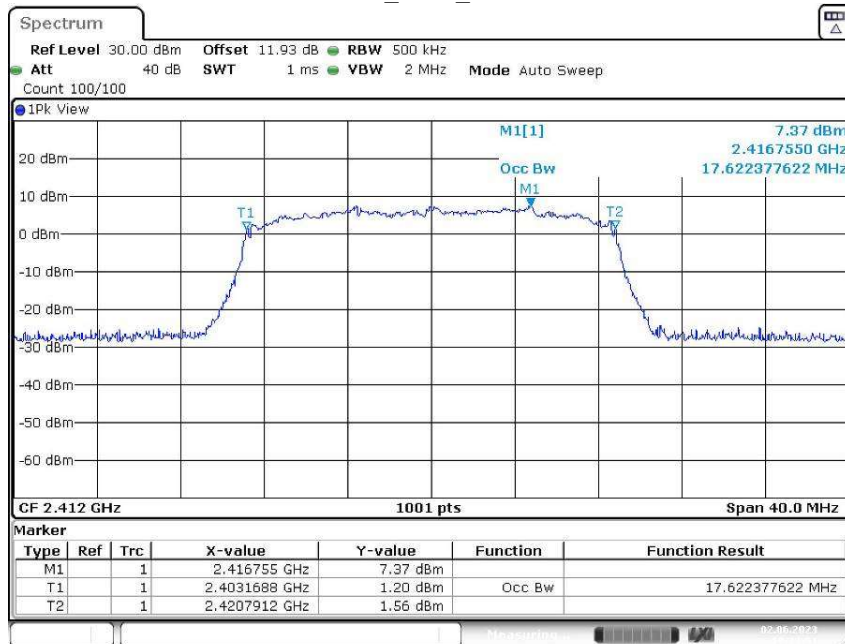
Date: 2.JUN.2023 19:22:56

### 11B\_Ant1\_2462



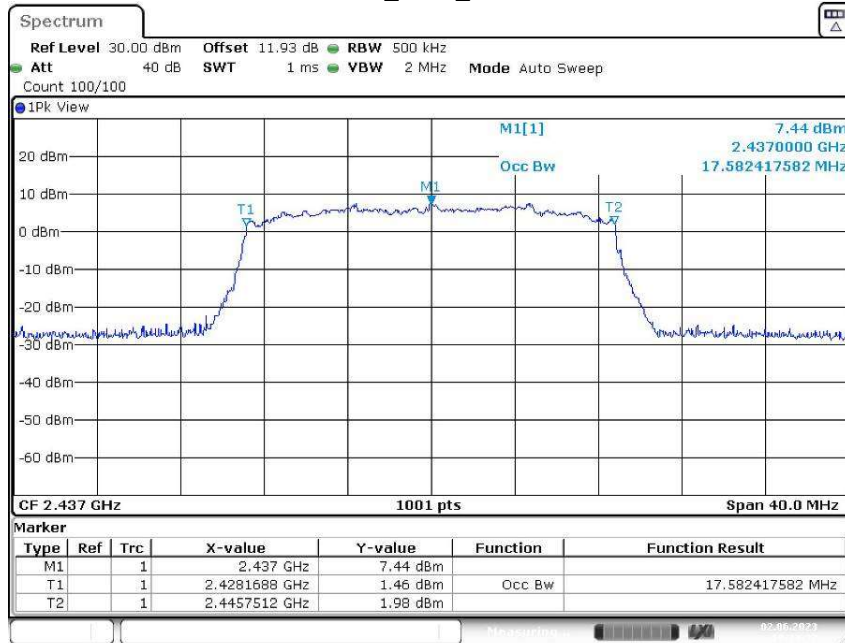
Date: 2 JUN 2023 19:24:36

### 11G\_Ant1\_2412



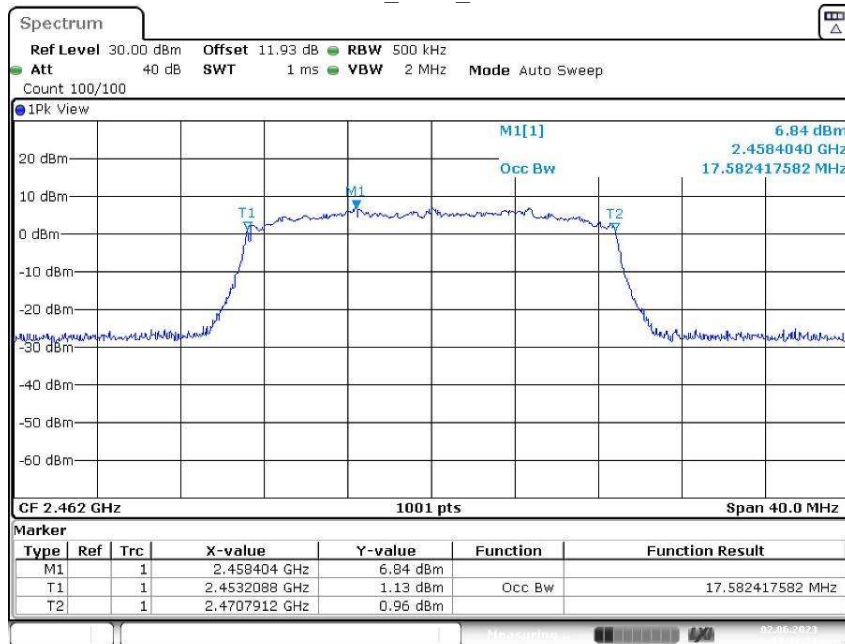
Date: 2 JUN 2023 19:33:01

### 11G\_Ant1\_2437



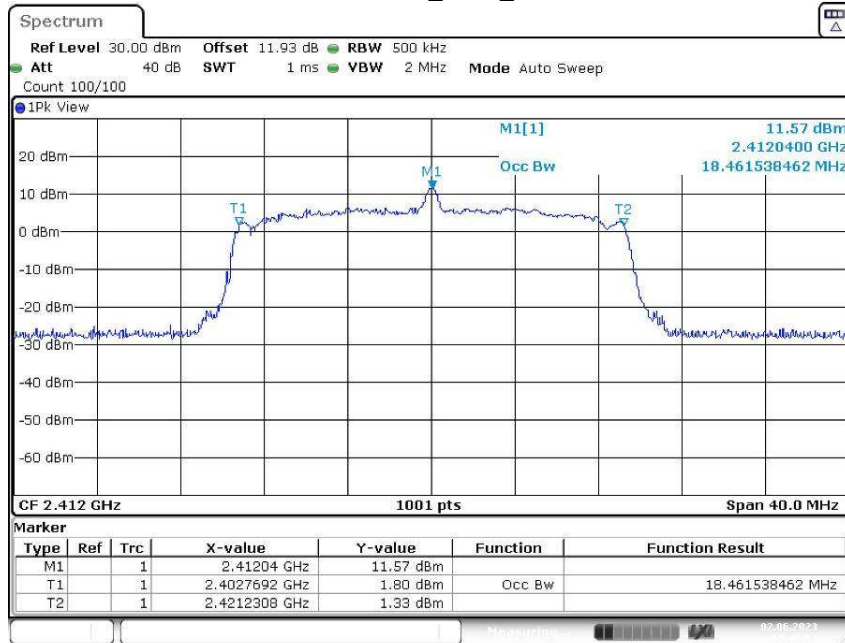
Date: 2 JUN 2023 19:34:37

### 11G\_Ant1\_2462



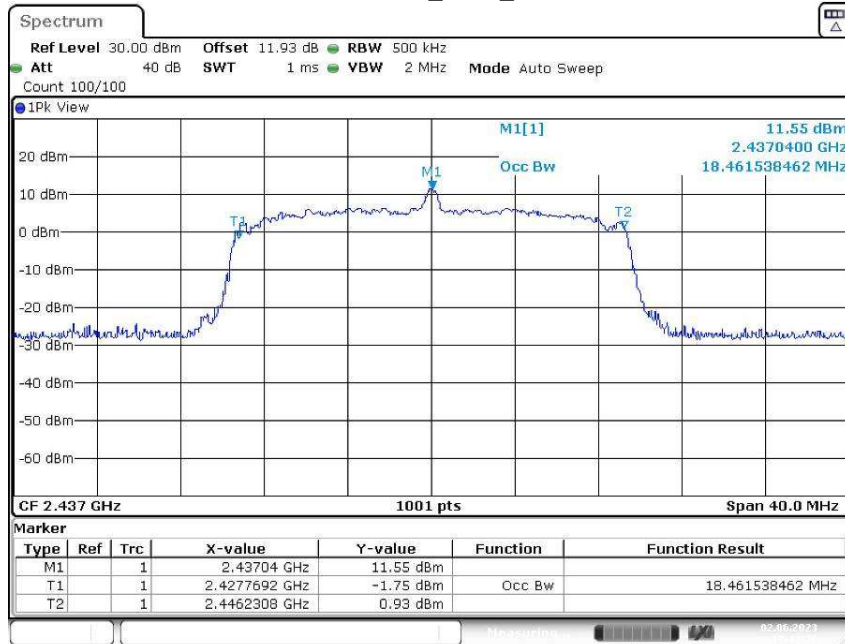
Date: 2 JUN 2023 19:37:20

### 11N20SISO\_Ant1\_2412



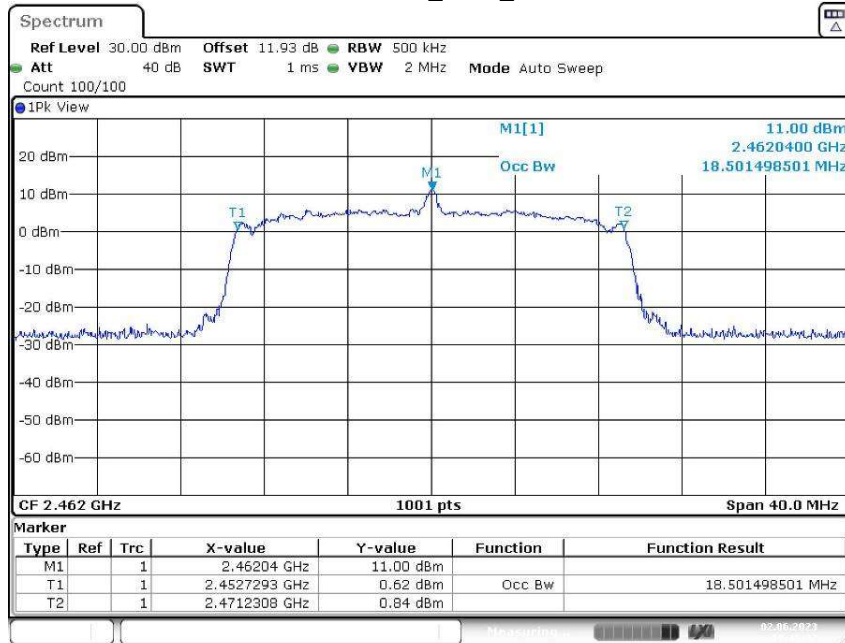
Date: 2 JUN 2023 19:40:51

### 11N20SISO\_Ant1\_2437



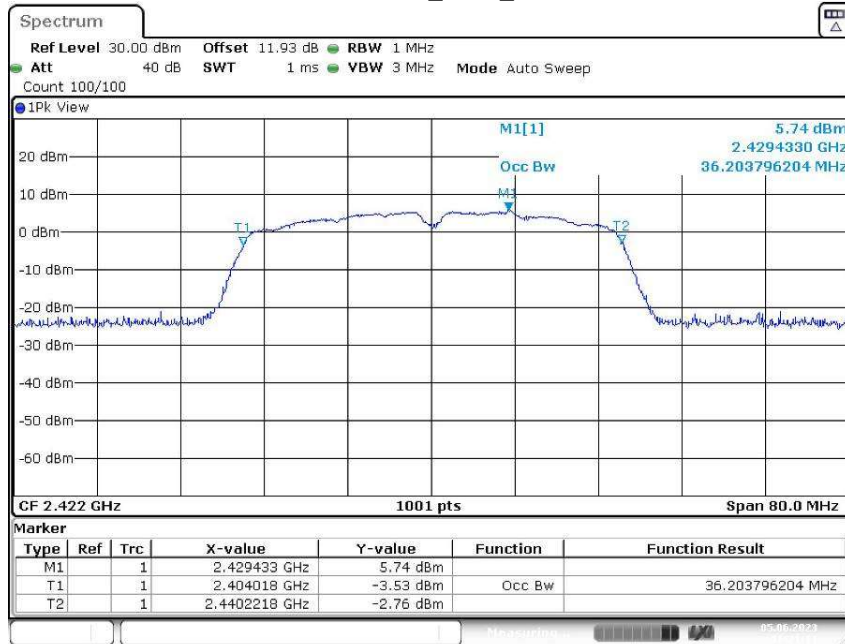
Date: 2 JUN 2023 19:43:28

### 11N20SISO\_Ant1\_2462



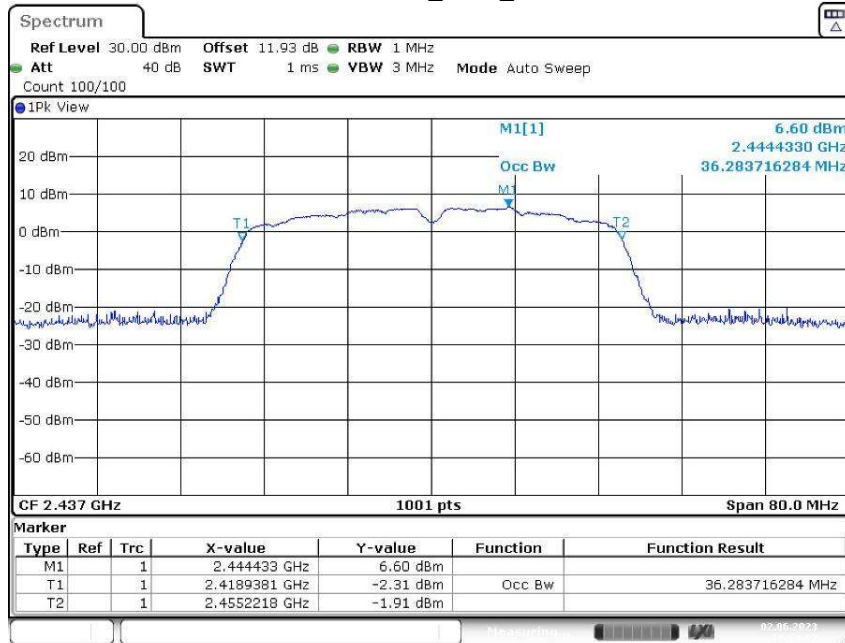
Date: 2 JUN. 2023 19:45:47

### 11N40SISO\_Ant1\_2422



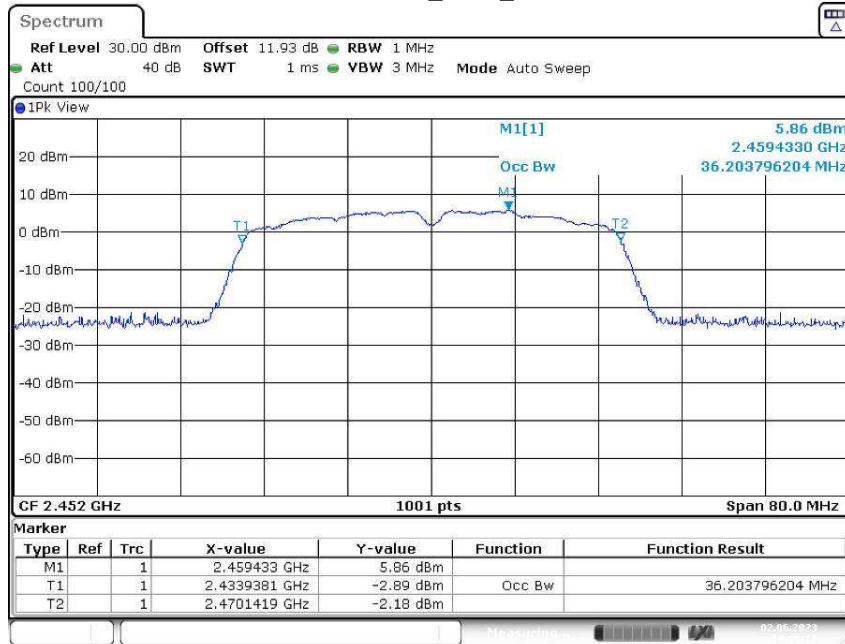
Date: 5 JUN. 2023 16:21:12

### 11N40SISO\_Ant1\_2437



Date: 2.JUN.2023 19:54:07

### 11N40SISO\_Ant1\_2452



Date: 2.JUN.2023 19:55:10



**Appendix C: Maximum Conducted Output Power****Test Result**

Test Mode	Antenna	Channel	Average Power[dBm]	Limit[dBm]	Verdict
11B	Ant1	2412	<b>14.51</b>	<=30	PASS
		2437	14.50	<=30	PASS
		2462	13.91	<=30	PASS
11G	Ant1	2412	<b>13.07</b>	<=30	PASS
		2437	13.07	<=30	PASS
		2462	12.54	<=30	PASS
11N20SISO	Ant1	2412	<b>12.88</b>	<=30	PASS
		2437	12.88	<=30	PASS
		2462	12.34	<=30	PASS
11N40SISO	Ant1	2422	10.71	<=30	PASS
		2437	<b>11.67</b>	<=30	PASS
		2452	11.02	<=30	PASS

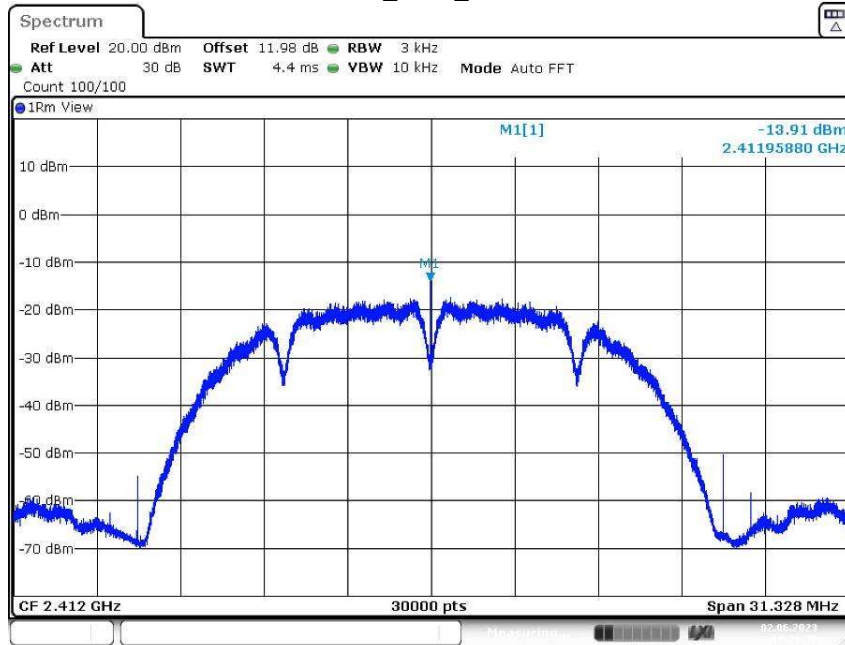
**Appendix D: Power Spectral Density****Test Result**

Test Mode	Antenna	Channel[MHz]	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant1	2412	-13.91	<=8	PASS
		2437	-14.12	<=8	PASS
		2462	-14.6	<=8	PASS
11G	Ant1	2412	-17.33	<=8	PASS
		2437	-17.45	<=8	PASS
		2462	-17.43	<=8	PASS
11N20SISO	Ant1	2412	-17.03	<=8	PASS
		2437	-16.56	<=8	PASS
		2462	-18.14	<=8	PASS
11N40SISO	Ant1	2422	-18.2	<=8	PASS
		2437	-17.02	<=8	PASS
		2452	-17.52	<=8	PASS

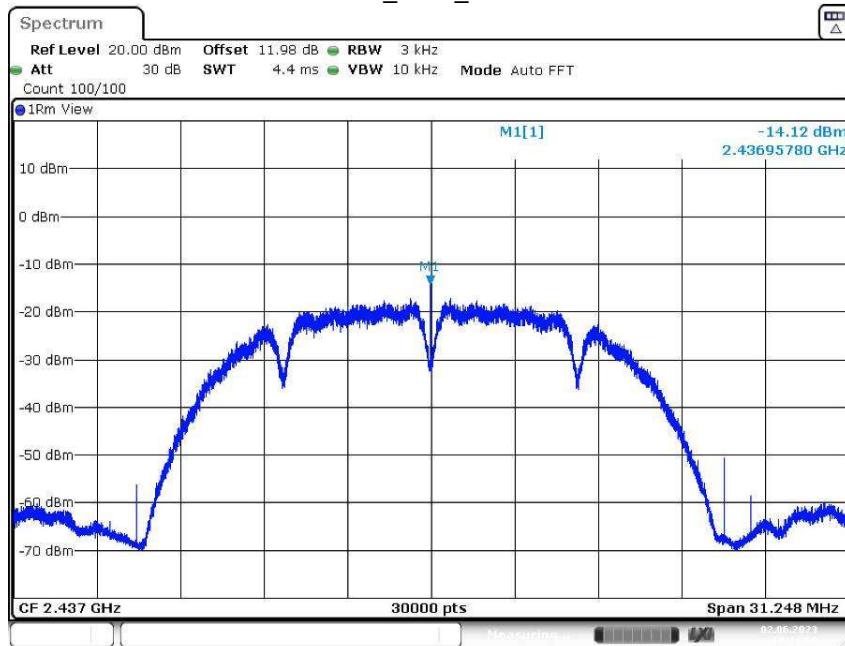
Note: The Unit of Result is dBm/10kHz for 802.11n40 mode.

### Test Graphs

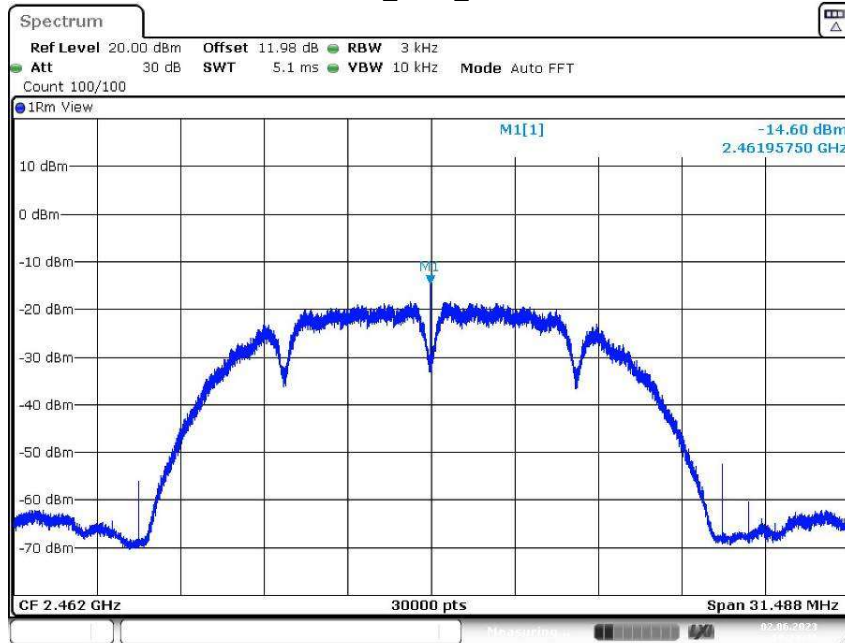
#### 11B\_Ant1\_2412



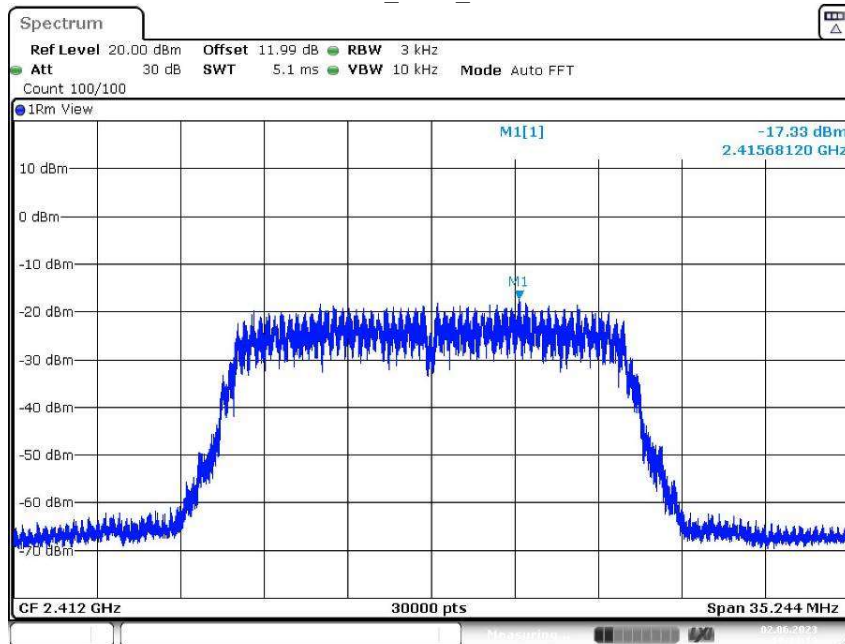
#### 11B\_Ant1\_2437



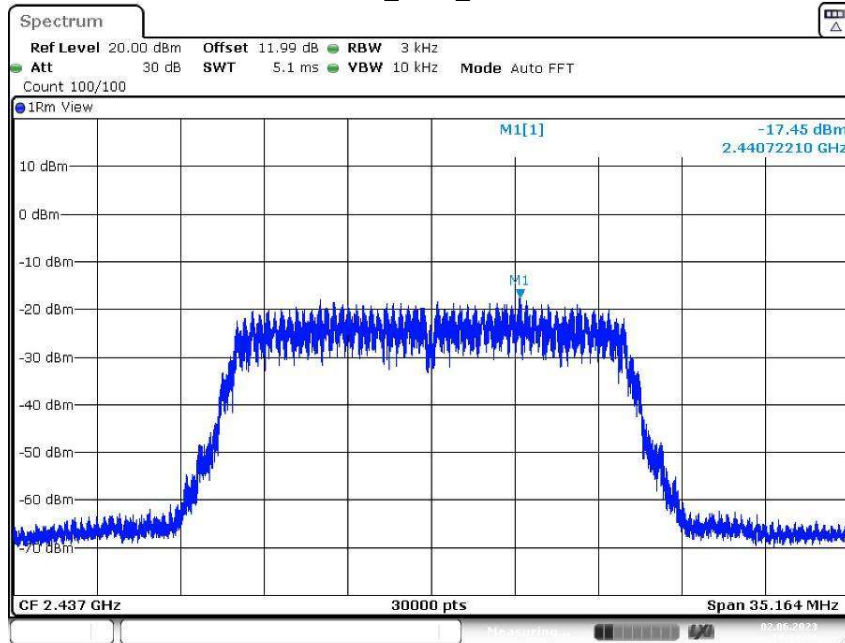
### 11B\_Ant1\_2462



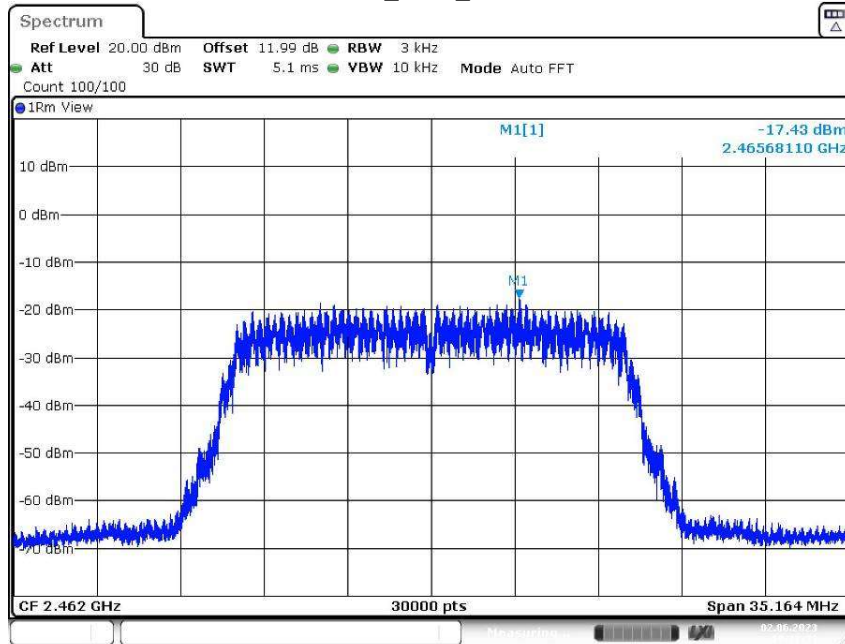
### 11G\_Ant1\_2412



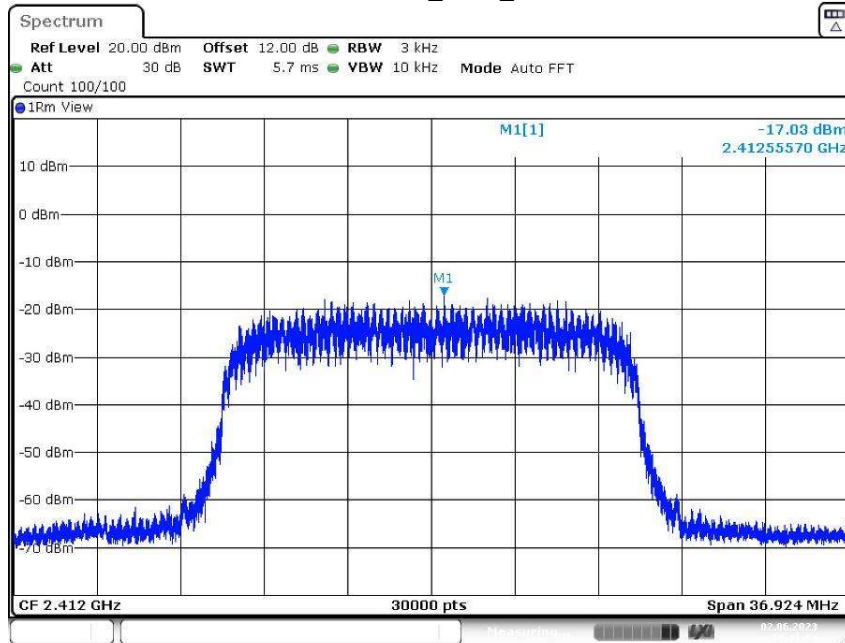
### 11G\_Ant1\_2437



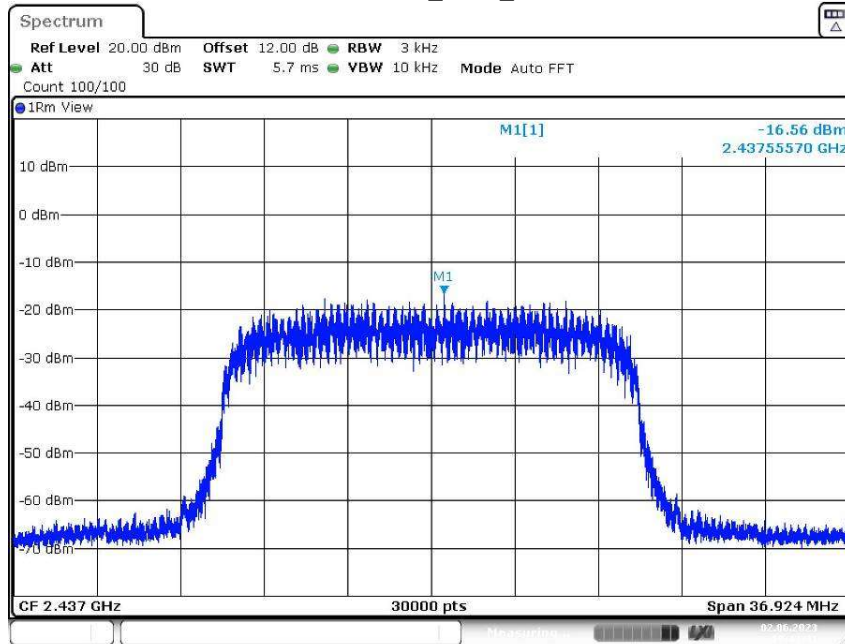
### 11G\_Ant1\_2462



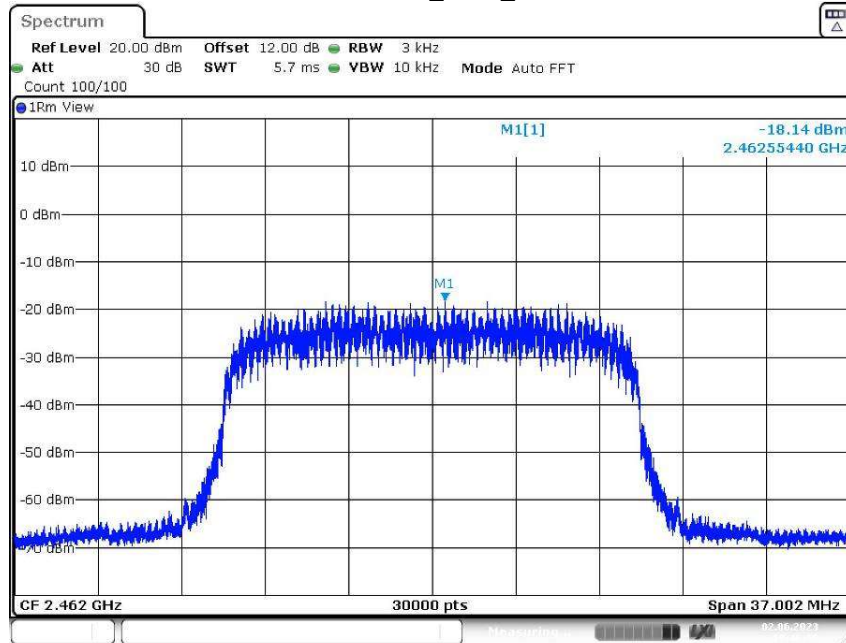
### 11N20SISO\_Ant1\_2412



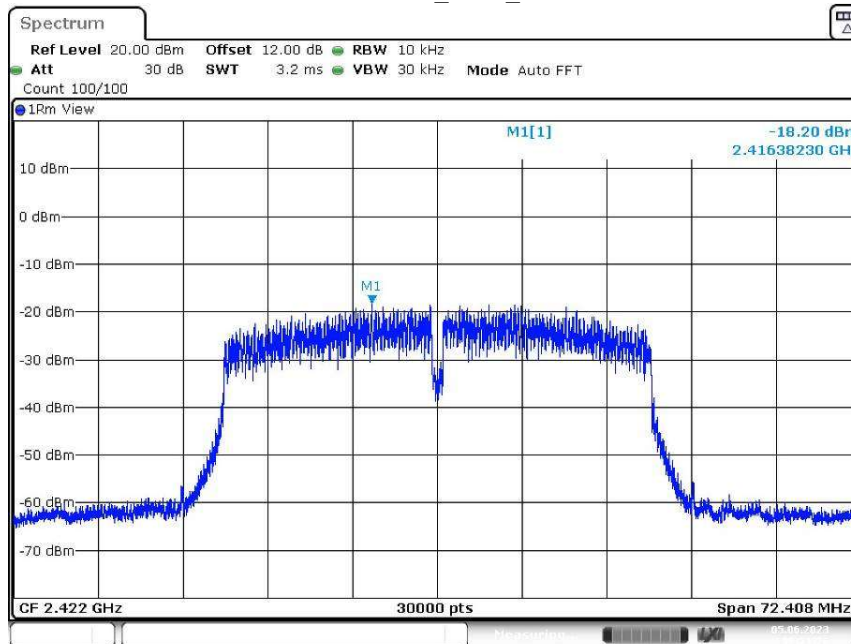
### 11N20SISO\_Ant1\_2437



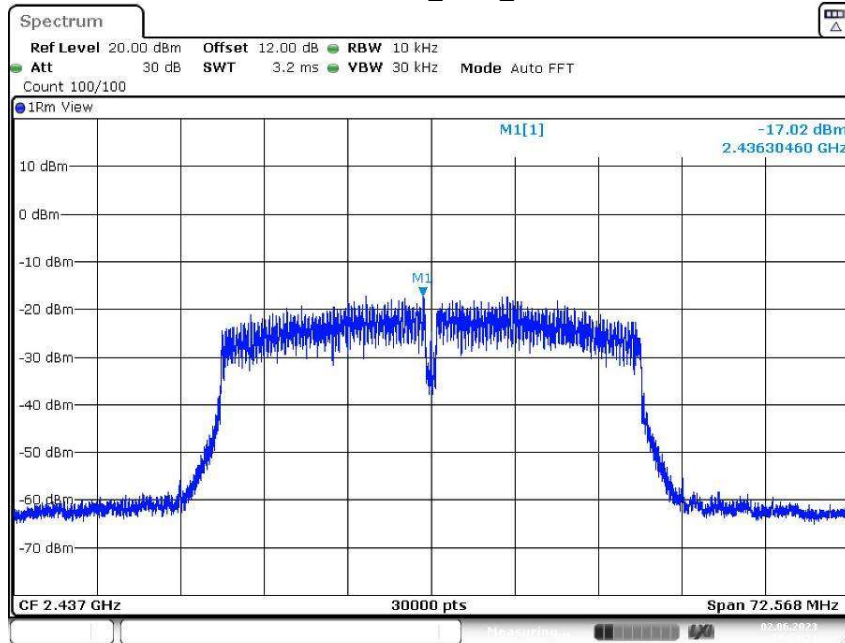
### 11N20SISO\_Ant1\_2462



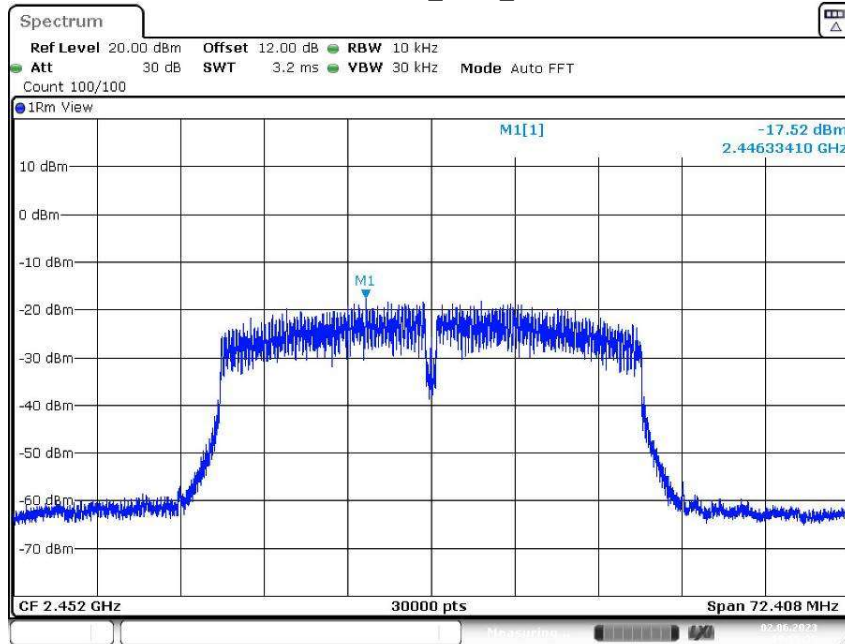
### 11N40SISO\_Ant1\_2422



### 11N40SISO\_Ant1\_2437



### 11N40SISO\_Ant1\_2452

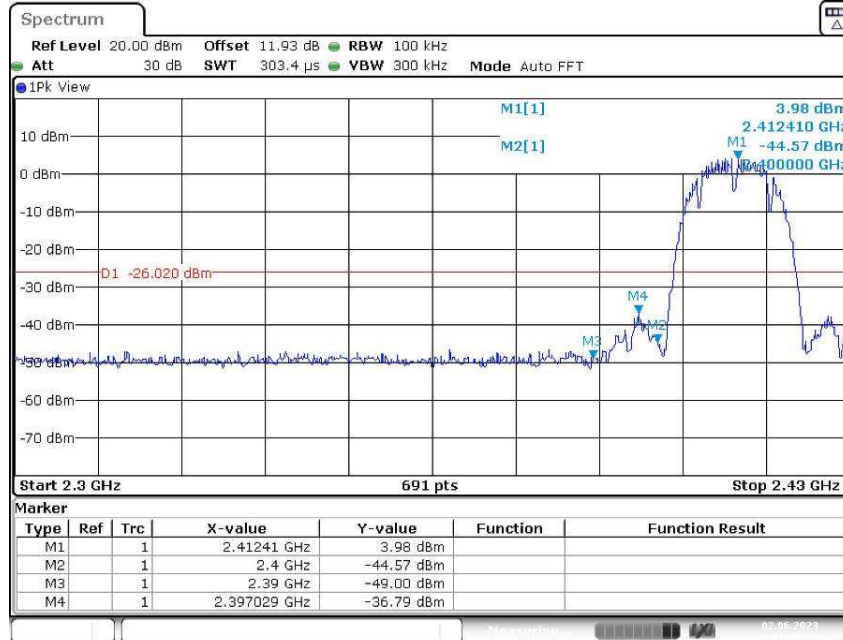




### Appendix E: Band Edge Measurements

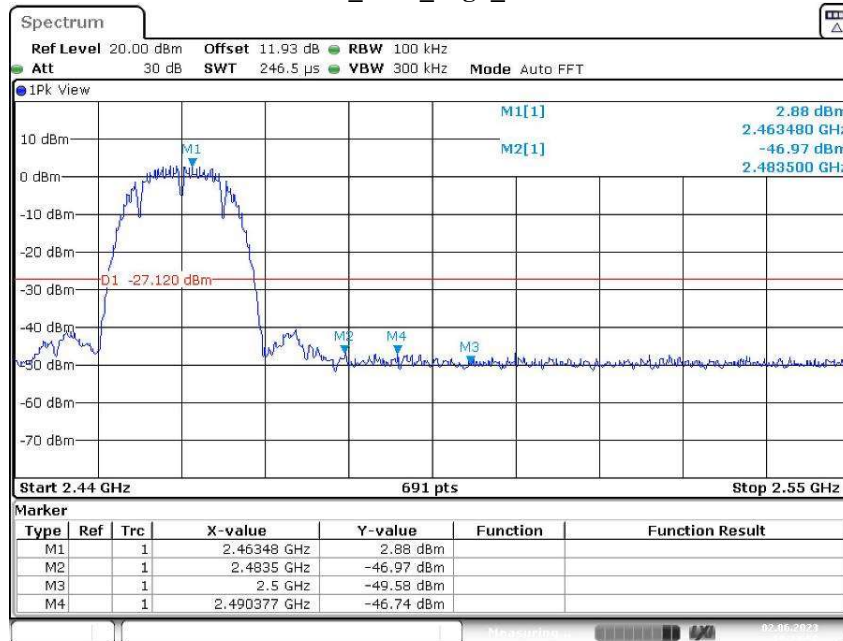
#### Test Graphs

11B\_Ant1\_Low\_2412



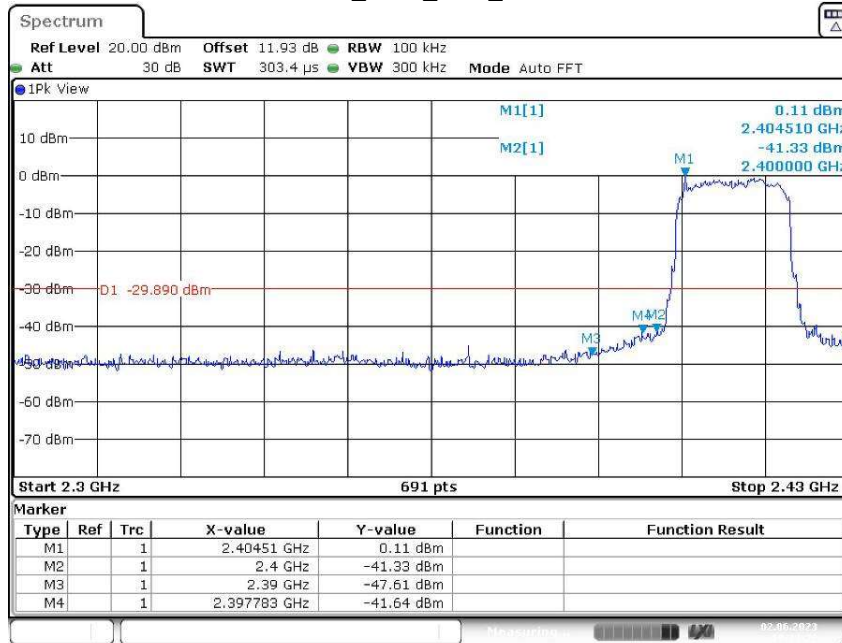
Date: 2 JUN 2023 19:29:38

11B\_Ant1\_High\_2462



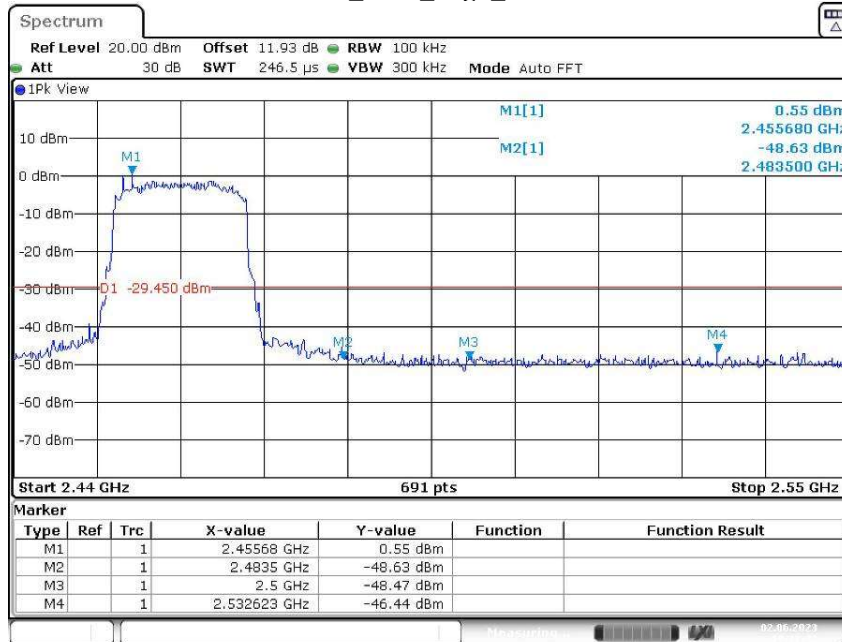
Date: 2 JUN 2023 19:24:58

### 11G\_Ant1\_Low\_2412



Date: 2 JUN 2023 19:33:22

### 11G\_Ant1\_High\_2462



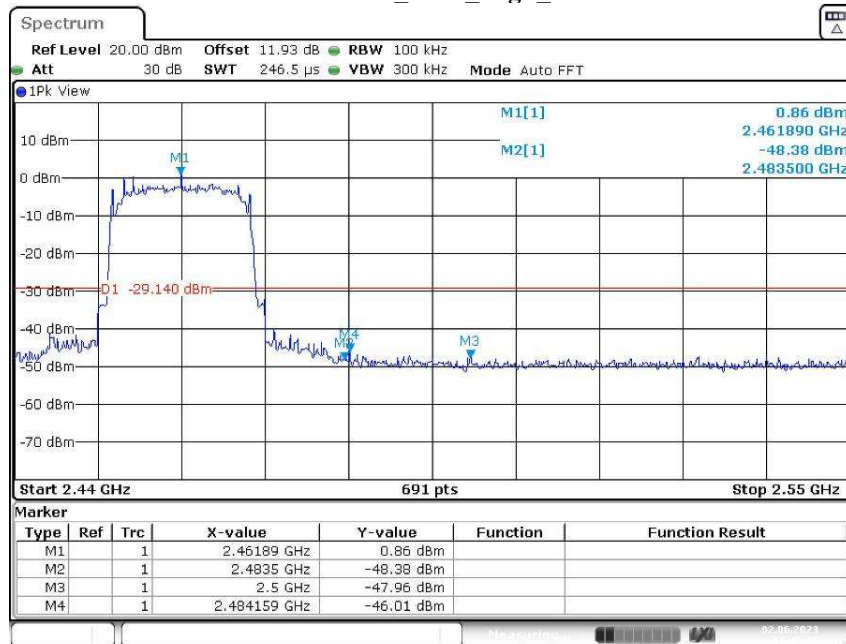
Date: 2 JUN 2023 19:37:42

### 11N20SISO\_Ant1\_Low\_2412



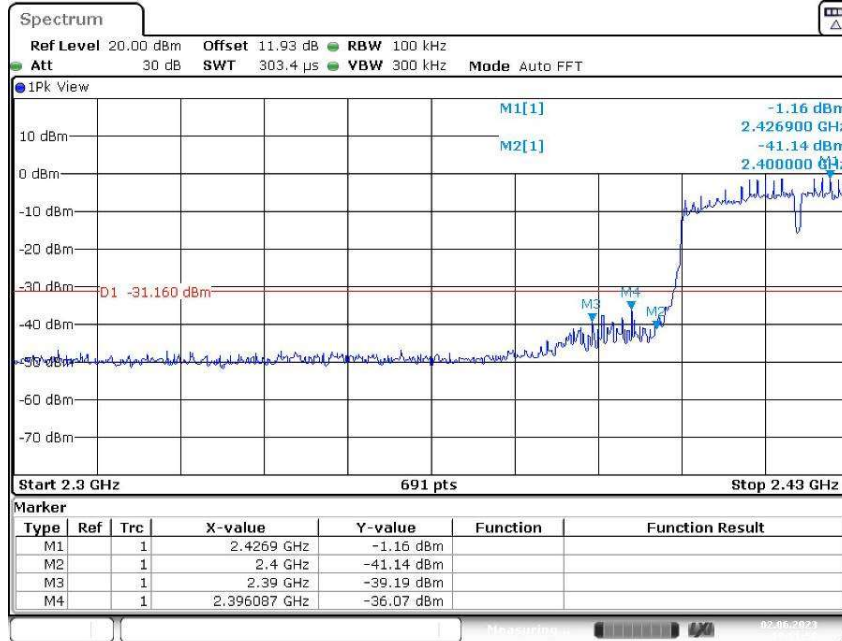
Date: 2 JUN 2023 19:41:13

### 11N20SISO\_Ant1\_High\_2462



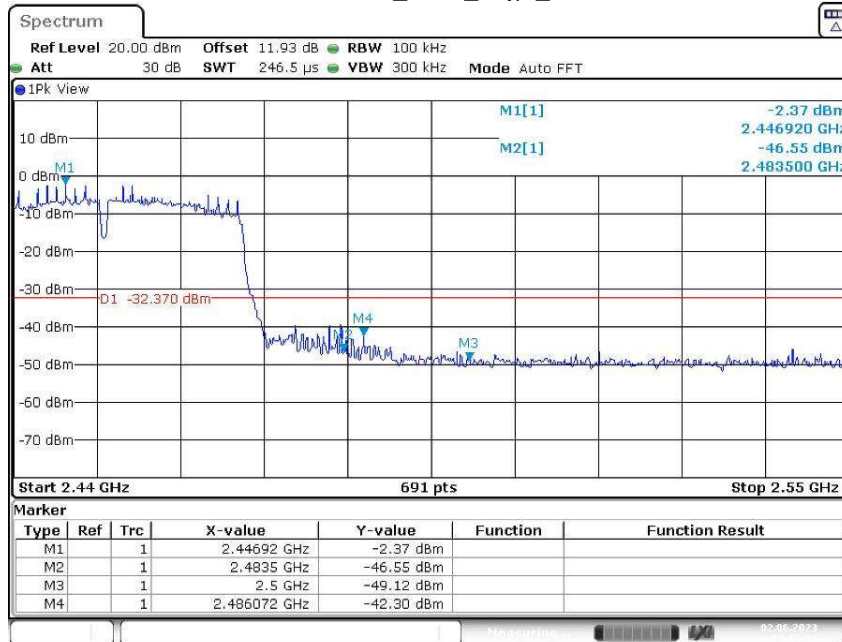
Date: 2 JUN 2023 19:46:09

### 11N40SISO\_Ant1\_Low\_2422



Date: 2 JUN 2023 19:51:57

### 11N40SISO\_Ant1\_High\_2452



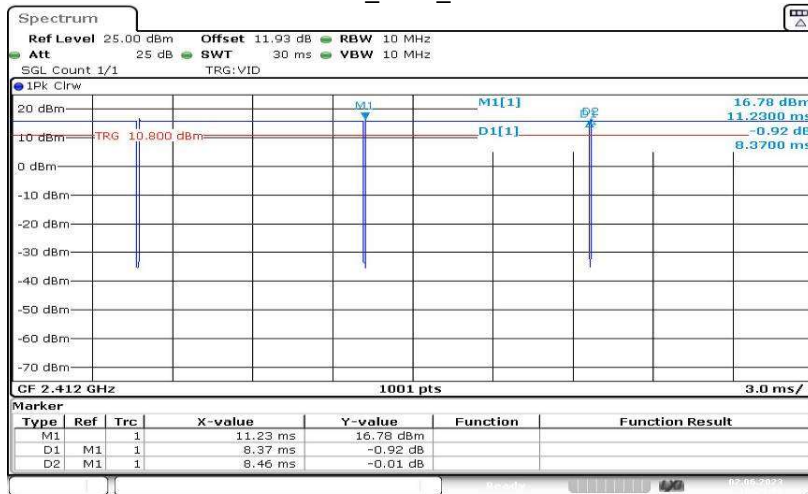
Date: 2 JUN 2023 19:55:34

**Appendix F: Duty Cycle****Test Result**

Test Mode	Antenna	Channel	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]
11B	Ant1	2412	8.37	8.46	98.94
		2437	8.40	8.49	98.94
		2462	8.40	8.49	98.94
11G	Ant1	2412	1.39	1.41	98.58
		2437	1.39	1.41	98.58
		2462	1.39	1.41	98.58
11N20SISO	Ant1	2412	1.29	1.31	98.47
		2437	1.30	1.32	98.48
		2462	1.30	1.32	98.48
11N40SISO	Ant1	2422	0.65	0.66	98.48
		2437	0.65	0.66	98.48
		2452	0.65	0.66	98.48

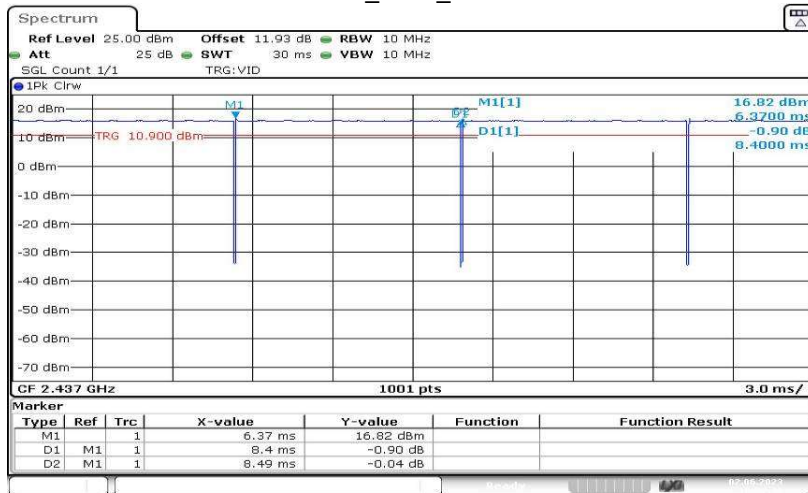
Test Graphs

11B\_Ant1\_2412



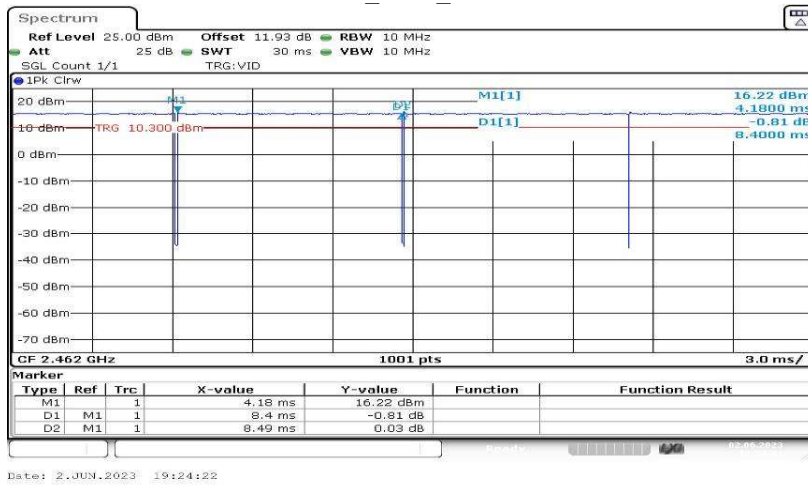
Date: 2.JUN.2023 19:29:03

11B\_Ant1\_2437



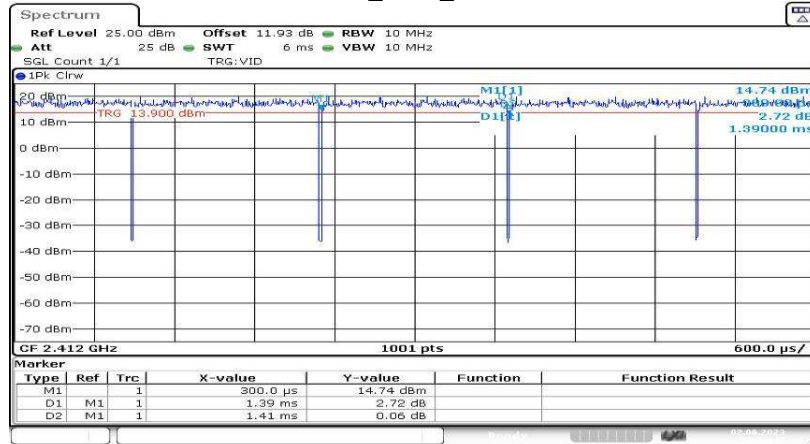
Date: 2.JUN.2023 19:22:43

11B\_Ant1\_2462

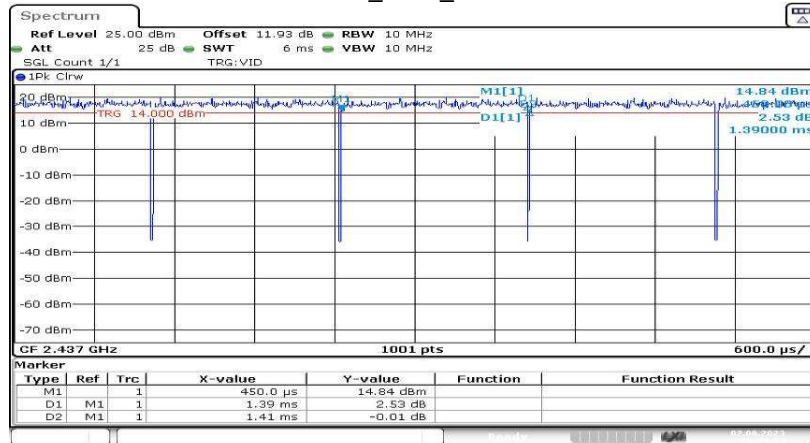


Date: 2.JUN.2023 19:24:22

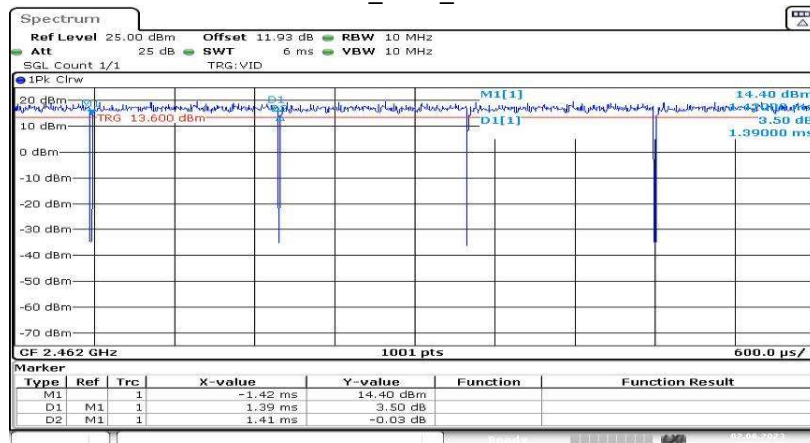
### 11G\_Ant1\_2412



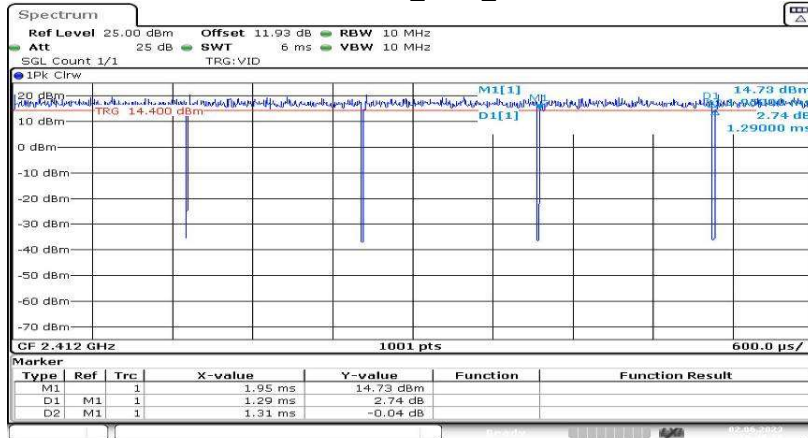
### 11G\_Ant1\_2437



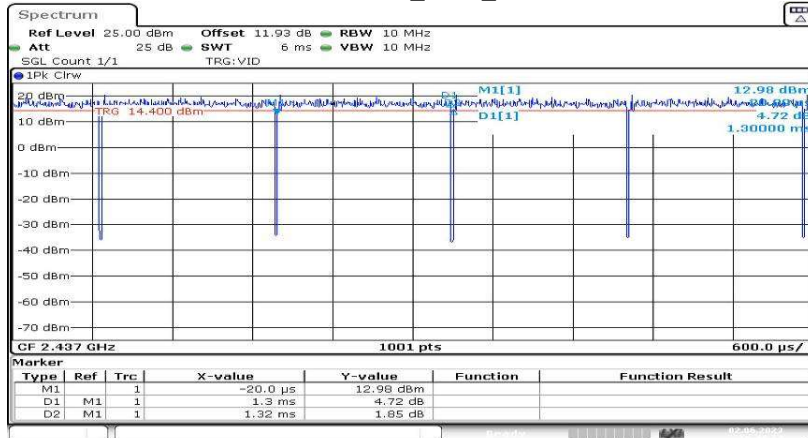
### 11G\_Ant1\_2462



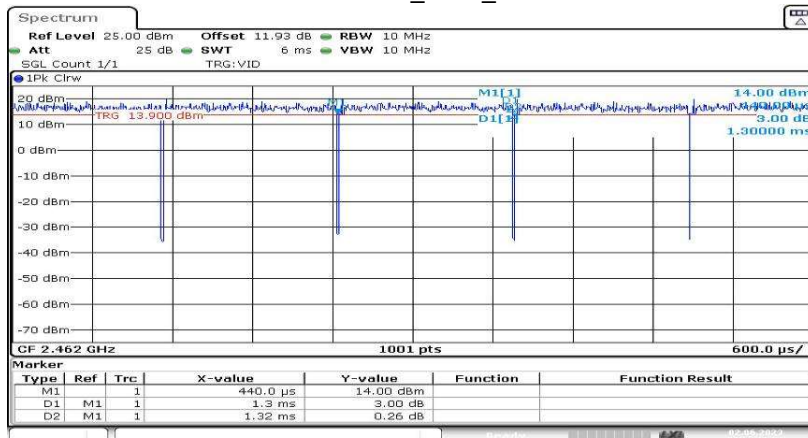
### 11N20SISO\_Ant1\_2412



### 11N20SISO\_Ant1\_2437

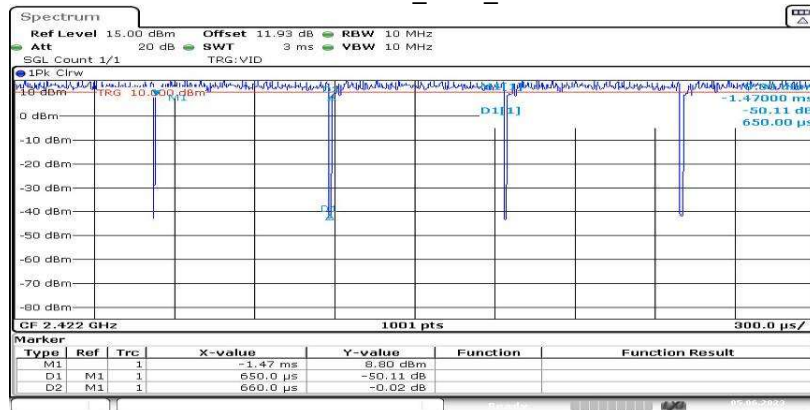


### 11N20SISO\_Ant1\_2462



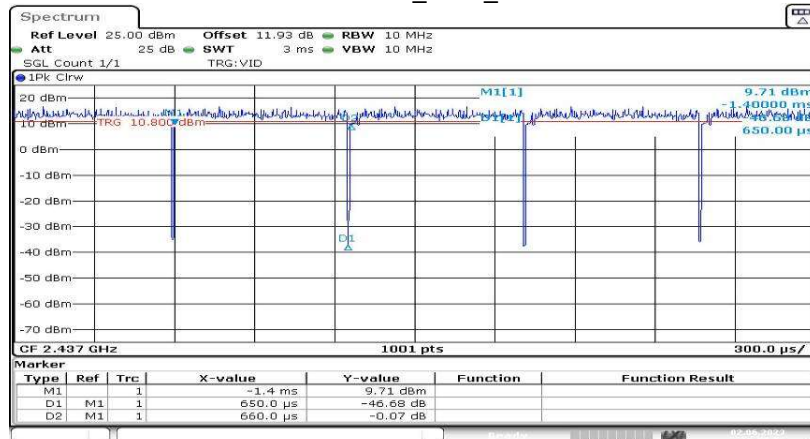


### 11N40SISO\_Ant1\_2422



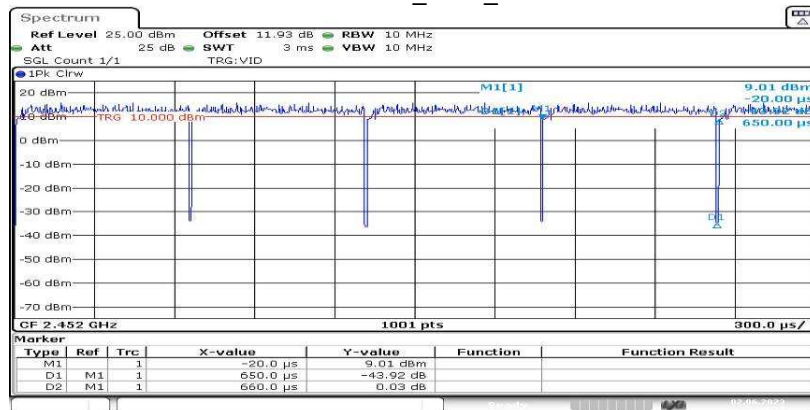
Date: 3 JUN 2023 16:20:38

### 11N40SISO\_Ant1\_2437



Date: 2 JUN 2023 19:33:33

### 11N40SISO\_Ant1\_2452



Date: 2 JUN 2023 19:34:37

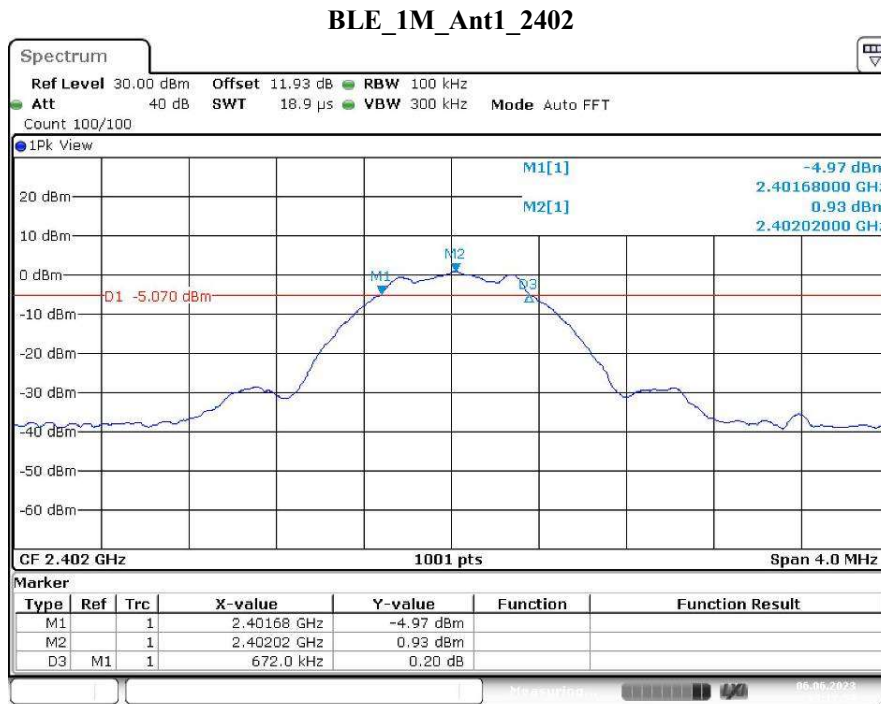
## APPENDIX BLE

### Appendix A: 6dB Emission Bandwidth

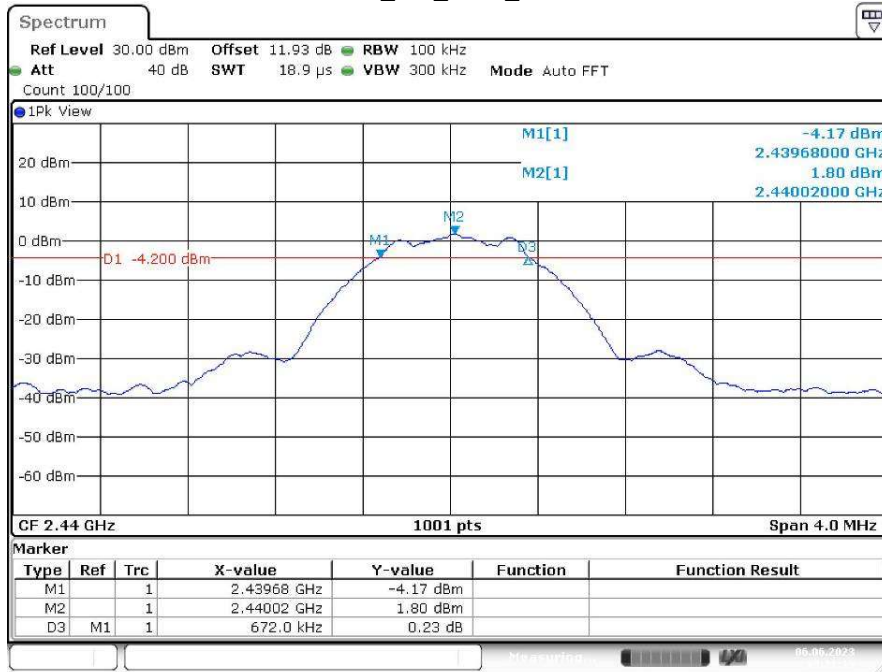
#### Test Result

Test Mode	Antenna	Channel	DTS BW [MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	0.67	0.5	PASS
		2440	0.67	0.5	PASS
		2480	0.70	0.5	PASS

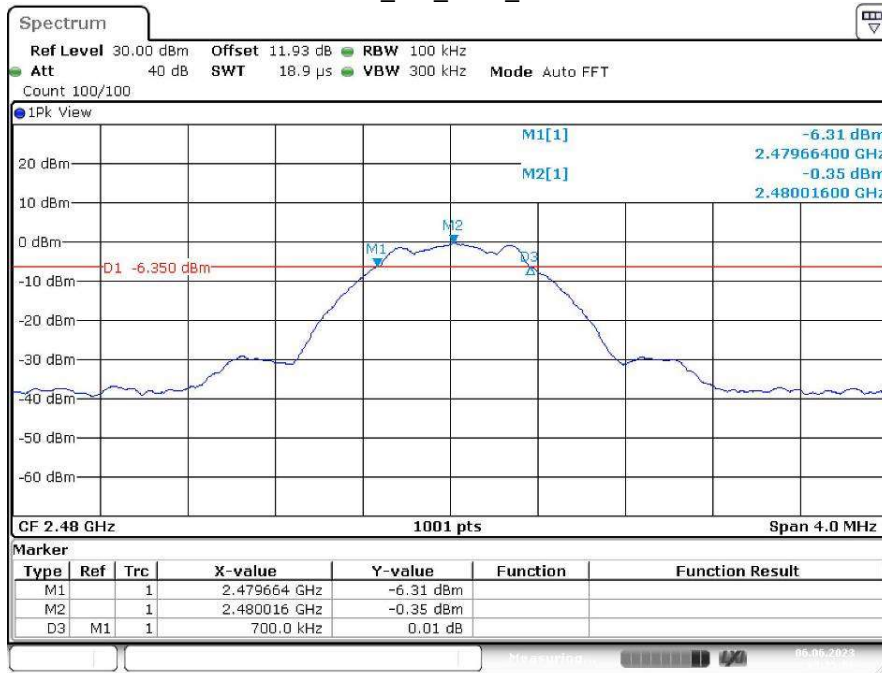
#### Test Graphs



### BLE\_1M\_Ant1\_2440



### BLE\_1M\_Ant1\_2480

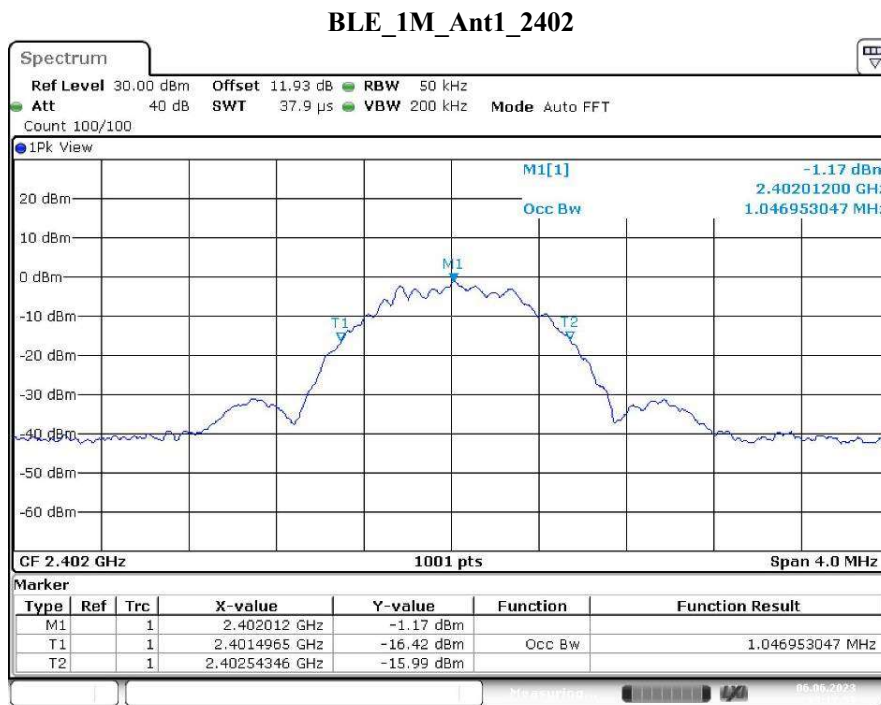


### Appendix B: Occupied Channel Bandwidth

#### Test Result

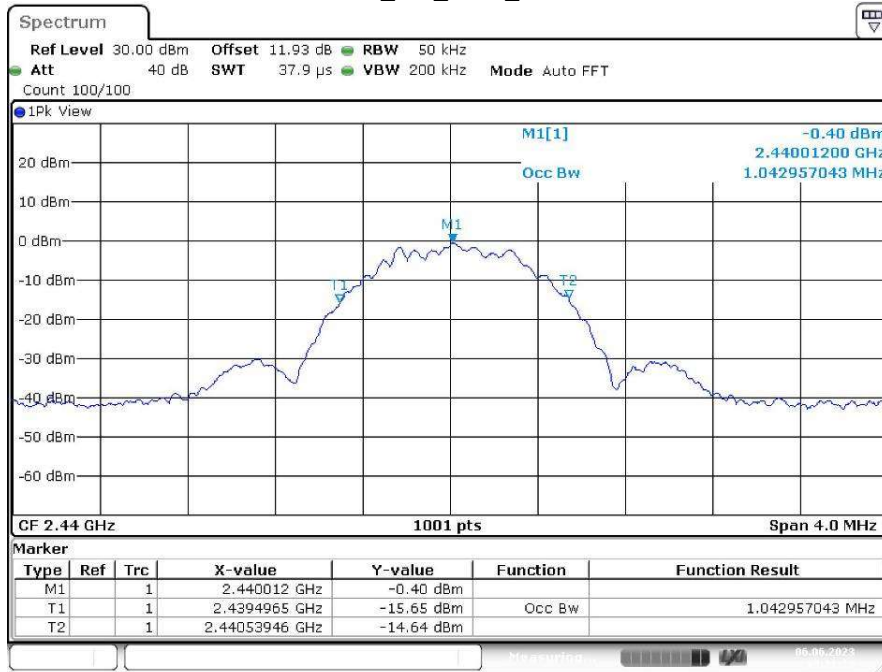
Test Mode	Antenna	Channel	OCB [MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	1.047	---	PASS
		2440	1.043	---	PASS
		2480	1.047	---	PASS

#### Test Graphs



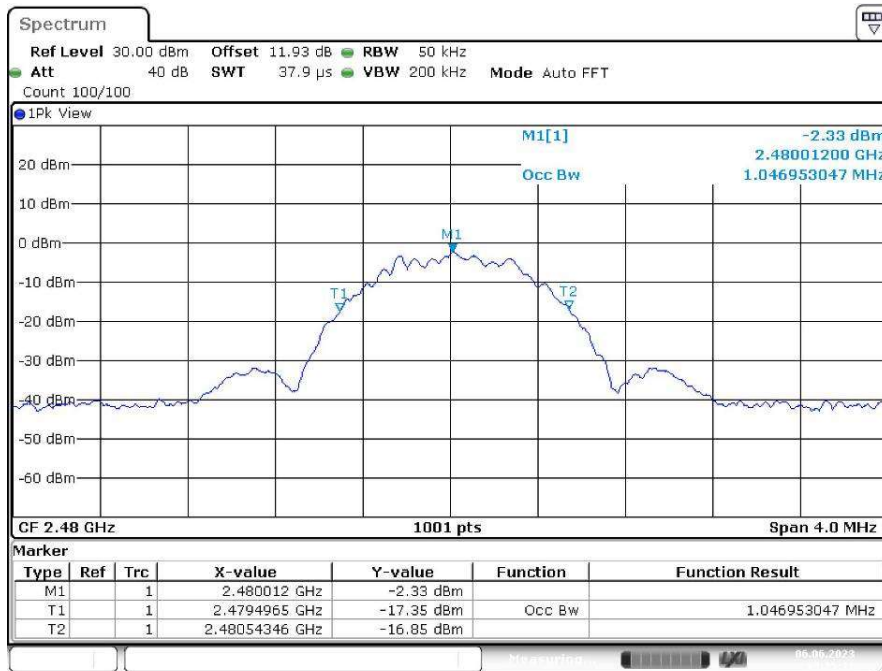
Date: 6 JUN 2023 19:17:59

### BLE\_1M\_Ant1\_2440



Date: 6.JUN.2023 19:21:25

### BLE\_1M\_Ant1\_2480



Date: 6.JUN.2023 19:25:12

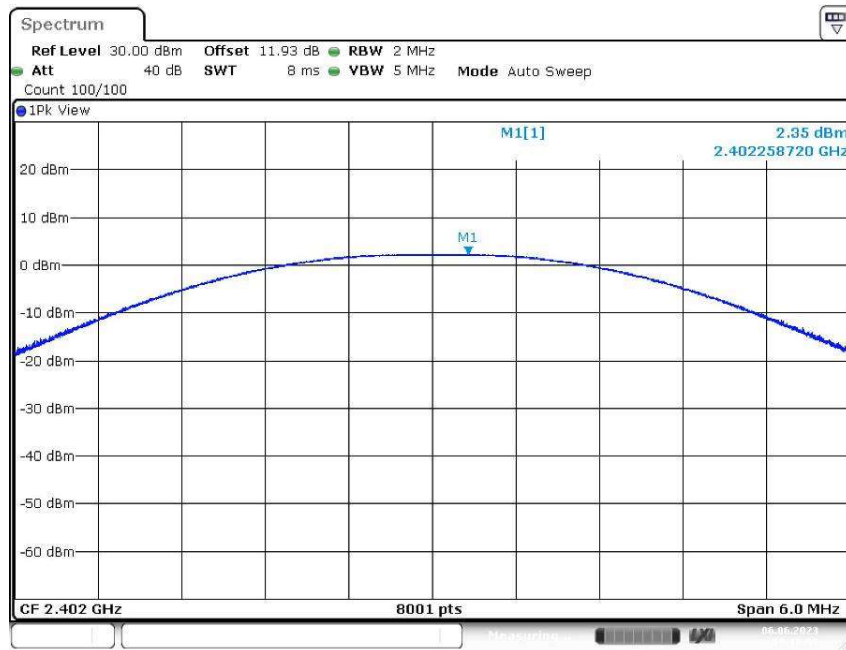
### Appendix C: Maximum Conducted Peak Output Power

#### Test Result

Test Mode	Antenna	Channel	Result[dBm]	Limit[dBm]	Verdict
BLE_1M	Ant1	2402	2.35	<=30	PASS
		2440	<b>3.14</b>	<=30	PASS
		2480	1.31	<=30	PASS

#### Test Graphs

BLE\_1M\_Ant1\_2402

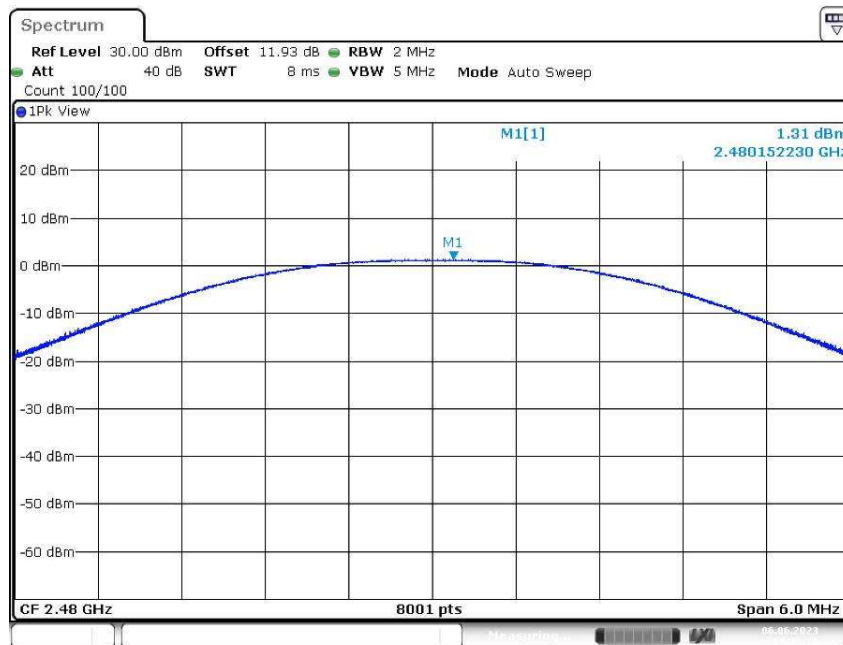


### BLE\_1M\_Ant1\_2440



Date: 6.JUN.2023 19:21:31

### BLE\_1M\_Ant1\_2480



Date: 6.JUN.2023 19:25:18

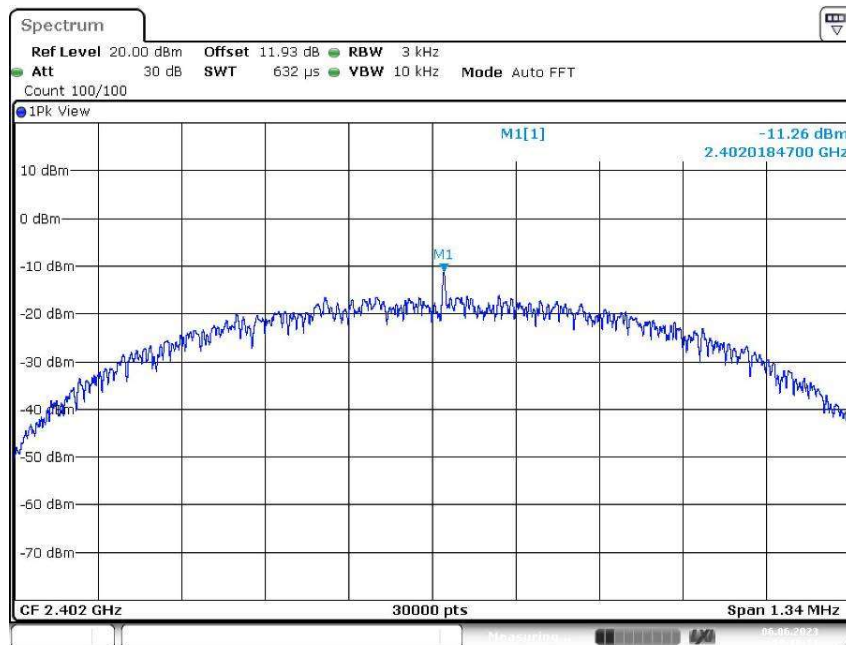
### Appendix D: Power Spectral Density

#### Test Result

Test Mode	Antenna	Channel	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
BLE_1M	Ant1	2402	-11.26	<=8	PASS
		2440	-10.12	<=8	PASS
		2480	-12.24	<=8	PASS

#### Test Graphs

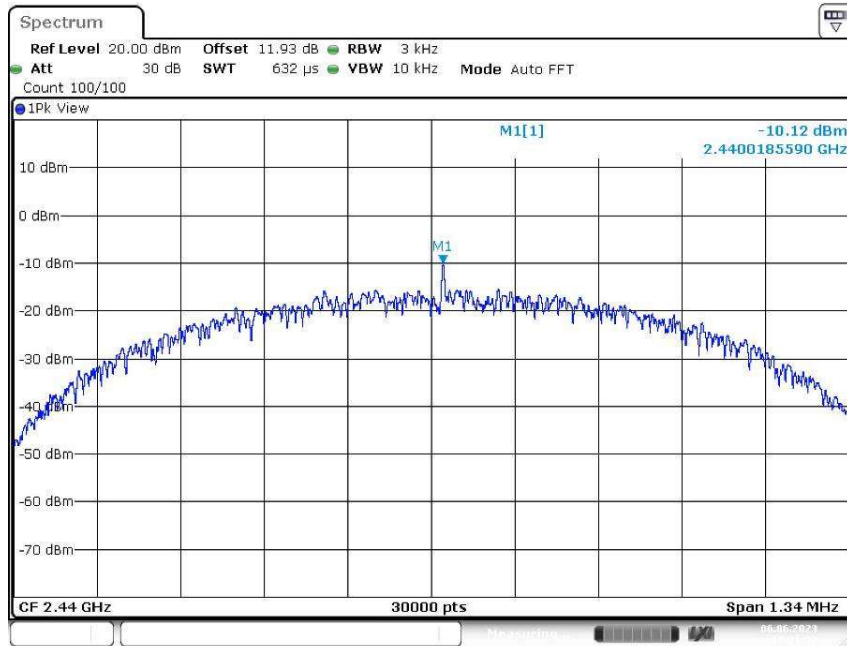
BLE\_1M\_Ant1\_2402



Date: 6 JUN 2023 19:18:11

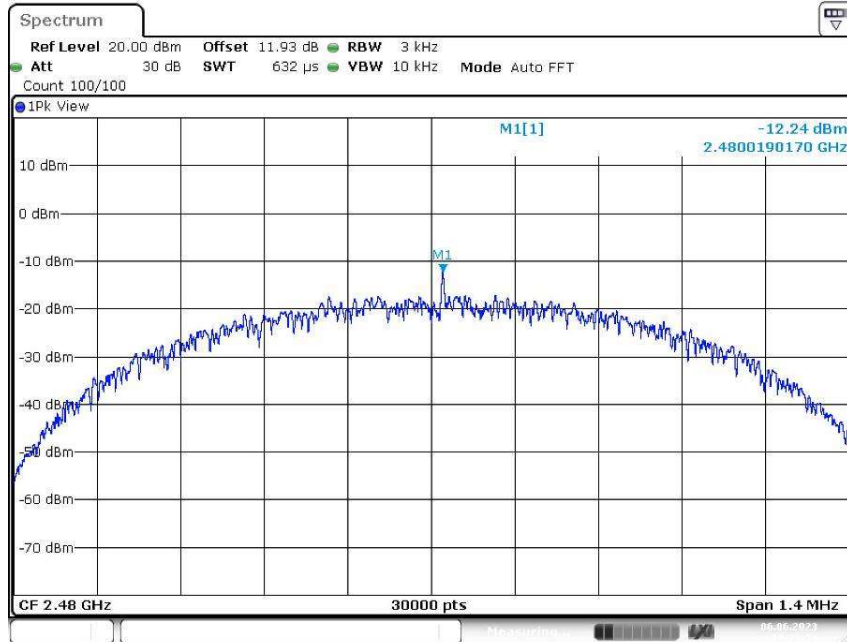


### BLE\_1M\_Ant1\_2440



Date: 6.JUN.2023 19:21:37

### BLE\_1M\_Ant1\_2480

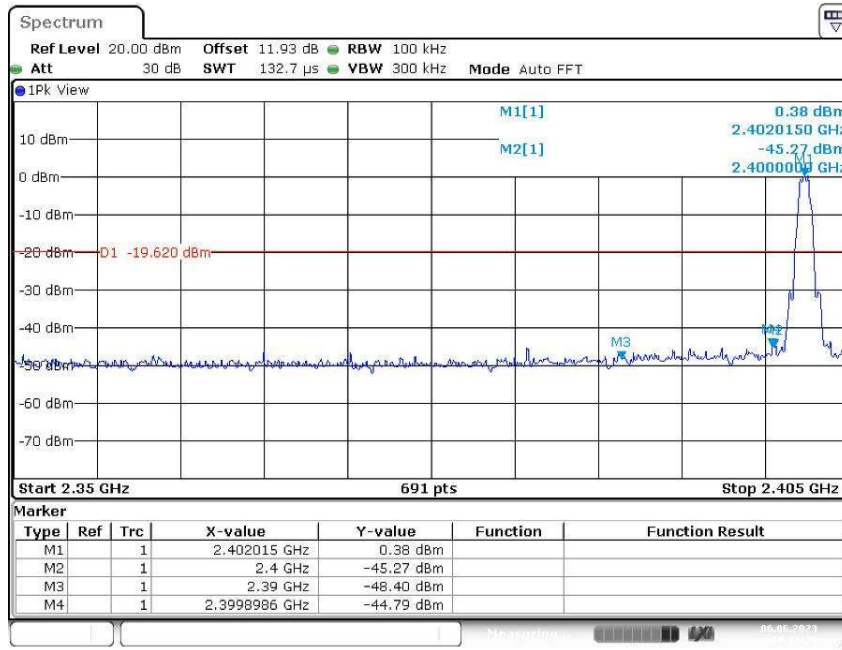


Date: 6.JUN.2023 19:25:24

### Appendix E: Band Edge Measurements

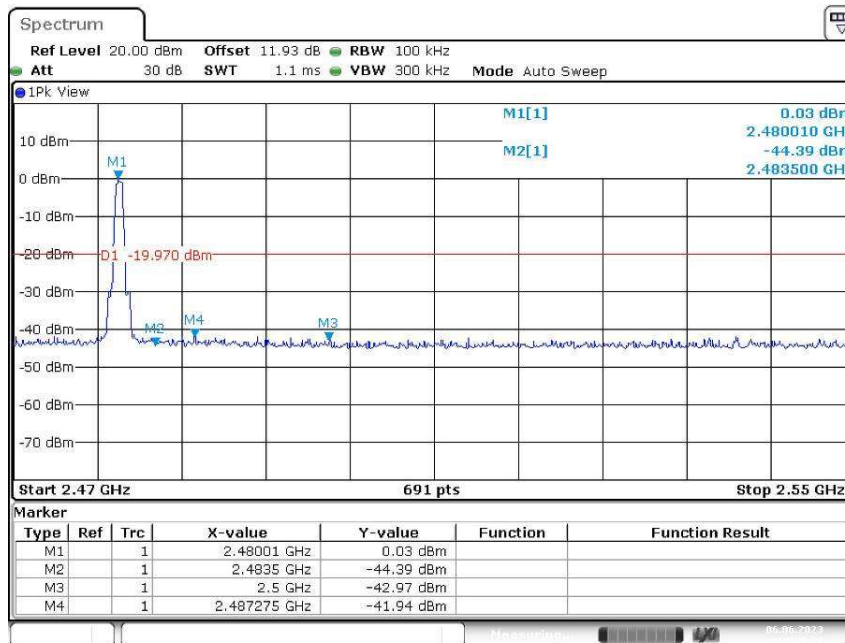
#### Test Graphs

BLE\_1M\_Ant1\_Low\_2402



Date: 6.JUN.2023 19:18:20

BLE\_1M\_Ant1\_High\_2480



Date: 6.JUN.2023 19:25:32

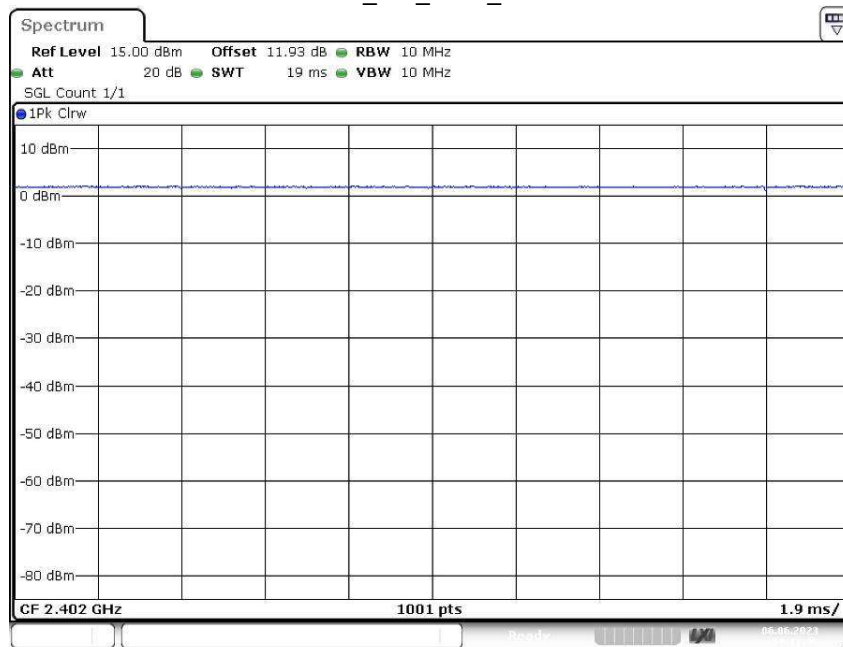
### Appendix F: Duty Cycle

#### Test Result

Test Mode	Antenna	Channel	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]
BLE_1M	Ant1	2402	19.00	19.00	100
		2440	19.00	19.00	100
		2480	19.00	19.00	100

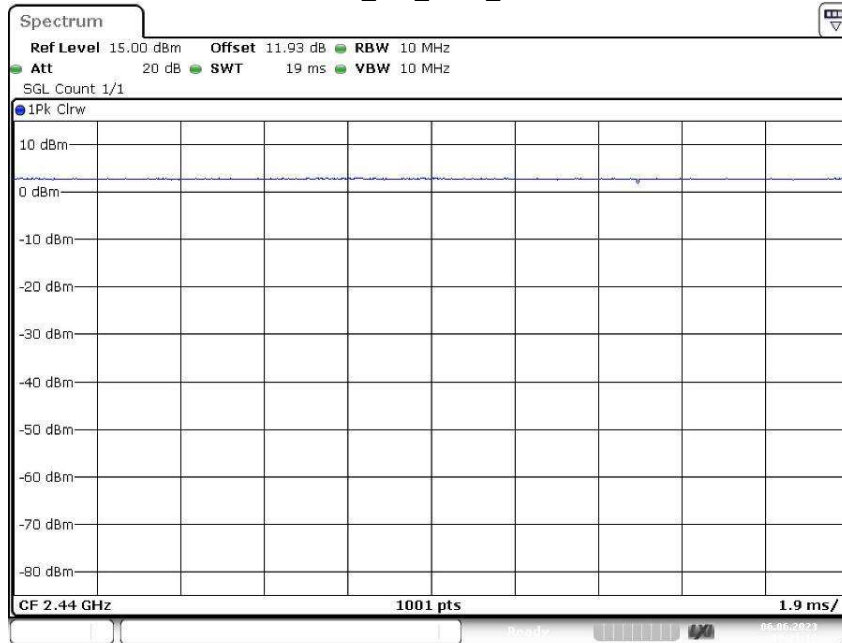
#### Test Graphs

BLE\_1M\_Ant1\_2402

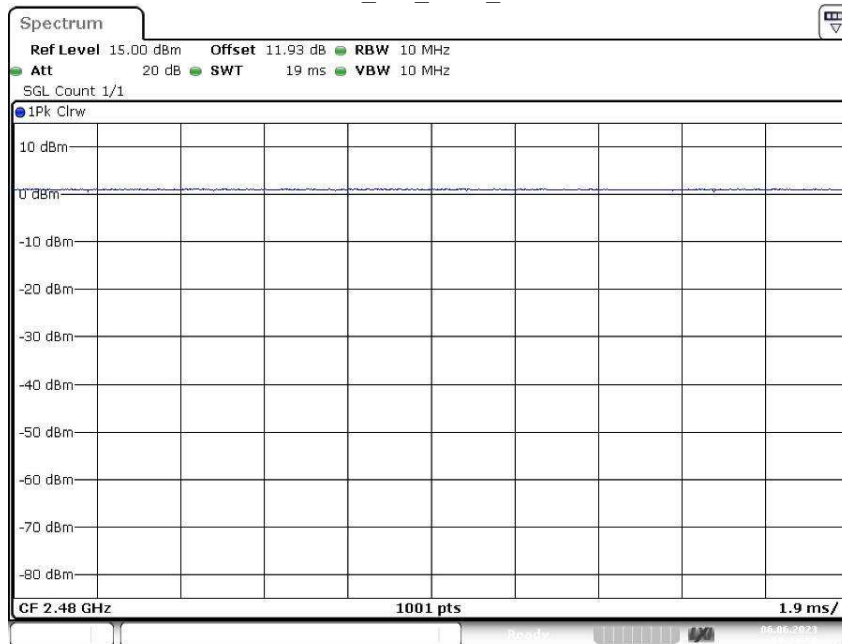


Date: 6 JUN 2023 19:17:45

### BLE\_1M\_Ant1\_2440



### BLE\_1M\_Ant1\_2480



\*\*\*\*\* END OF REPORT \*\*\*\*\*