



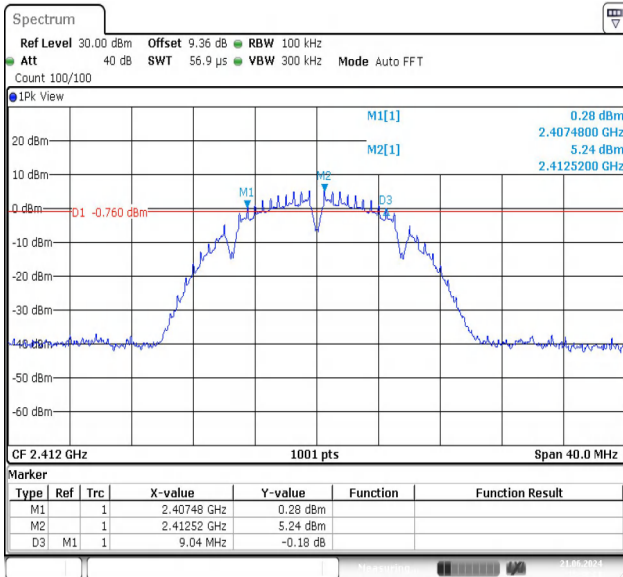
## Appendix A: DTS Bandwidth

### Test Result

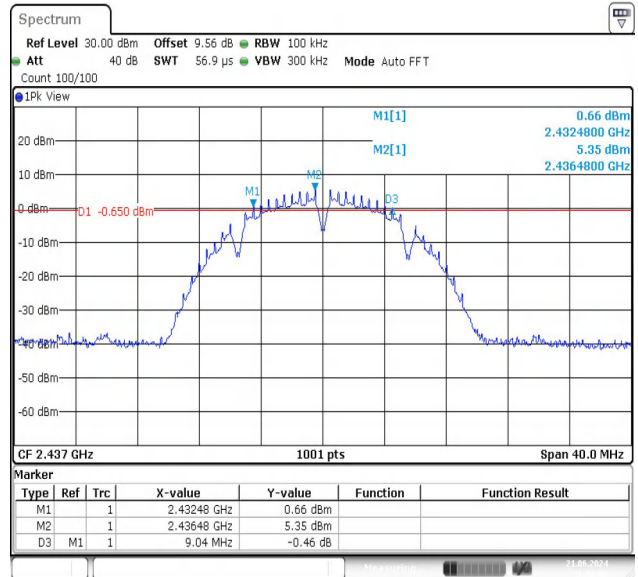
TestMode	Antenna	Frequency[MHz]	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	9.04	2407.48	2416.52	0.5	PASS
11B	Ant1	2437	9.04	2432.48	2441.52	0.5	PASS
11B	Ant1	2462	9.52	2457.00	2466.52	0.5	PASS
11G	Ant1	2412	16.32	2403.84	2420.16	0.5	PASS
11G	Ant1	2437	16.32	2428.84	2445.16	0.5	PASS
11G	Ant1	2462	16.32	2453.84	2470.16	0.5	PASS
11N20SISO	Ant1	2412	17.08	2403.44	2420.52	0.5	PASS
11N20SISO	Ant1	2437	17.04	2428.44	2445.48	0.5	PASS
11N20SISO	Ant1	2462	17.08	2453.44	2470.52	0.5	PASS



## Test Graphs

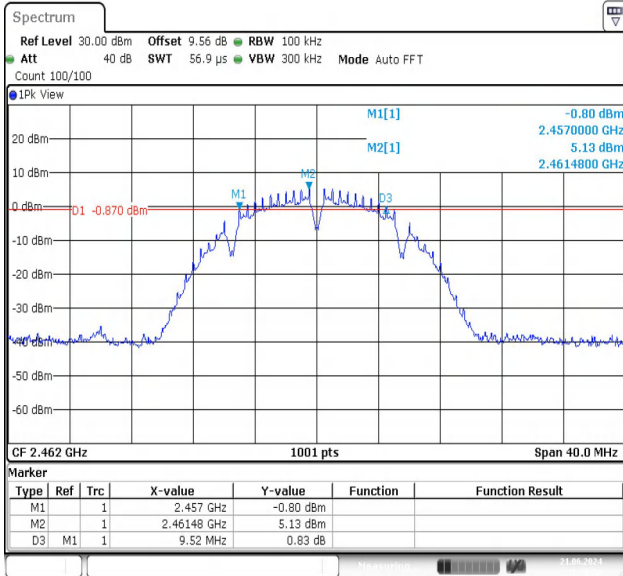


Date: 21.JUN.2024 10:33:18



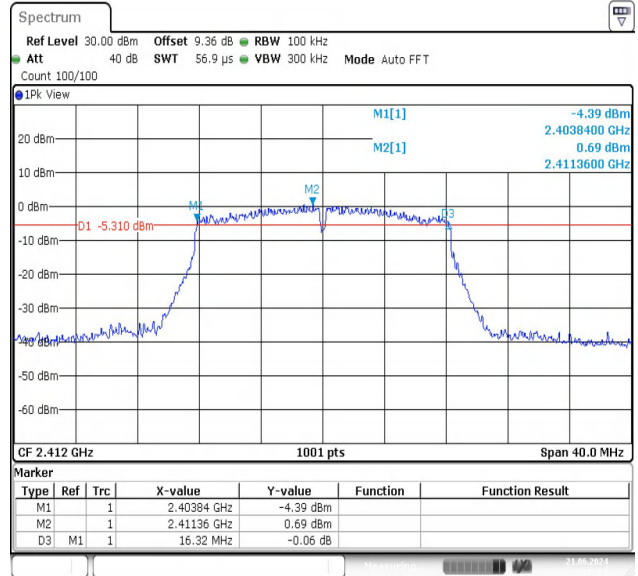
Date: 21.JUN.2024 10:36:06

### 11B-Ant1-2412-PASS



Date: 21.JUN.2024 10:38:55

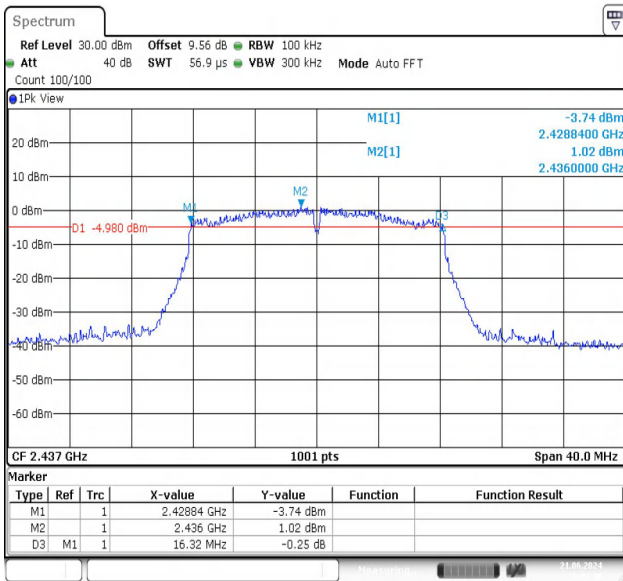
### 11B-Ant1-2437-PASS



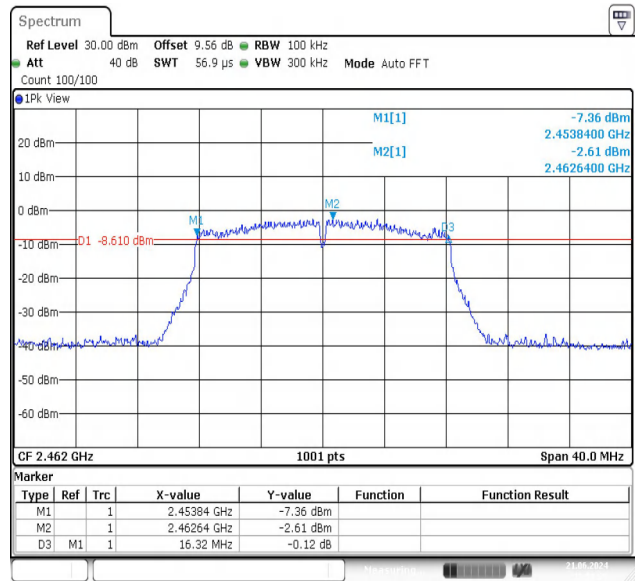
Date: 21.JUN.2024 10:41:54

### 11B-Ant1-2462-PASS

### 11G-Ant1-2412-PASS



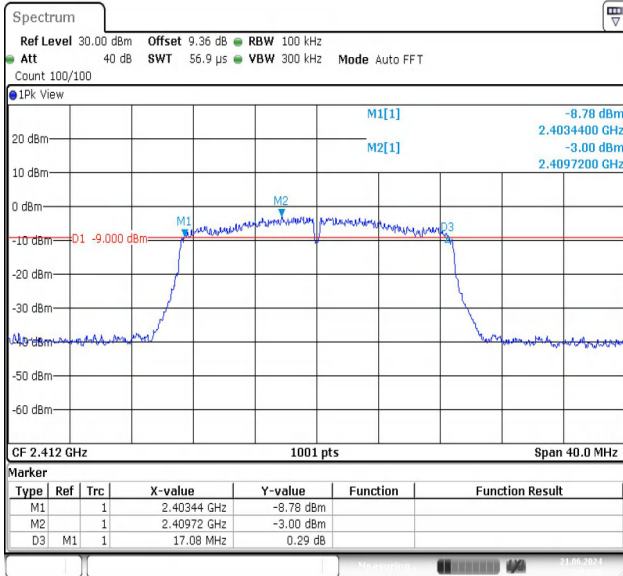
Date: 21.JUN.2024 10:44:31



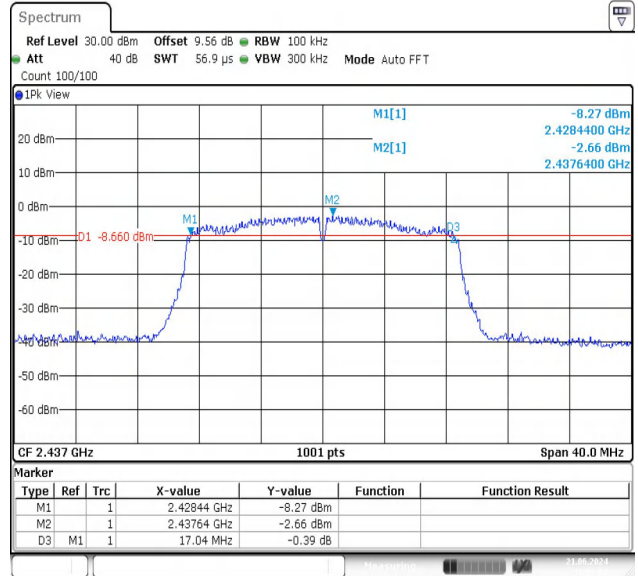
Date: 21.JUN.2024 11:01:29

### 11G-Ant1-2437-PASS

### 11G-Ant1-2462-PASS



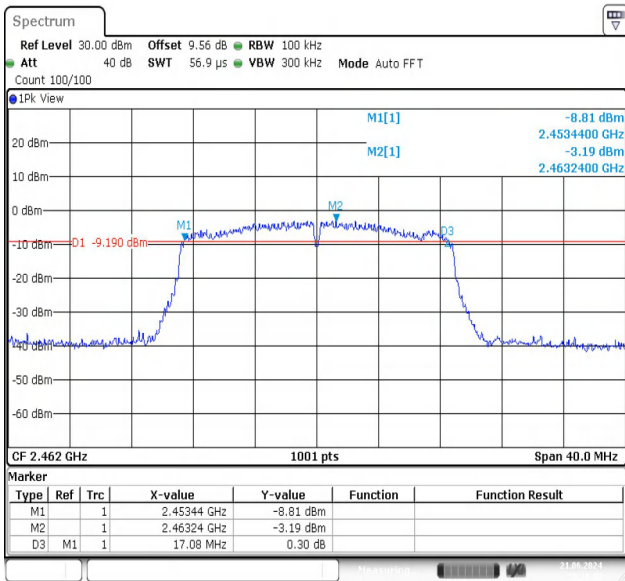
Date: 21.JUN.2024 11:04:41



Date: 21.JUN.2024 11:07:34

### 11N20SISO-Ant1-2412-PASS

### 11N20SISO-Ant1-2437-PASS



Date: 21.JUN.2024 11:11:19

11N20SISO-Ant1-2462-PASS



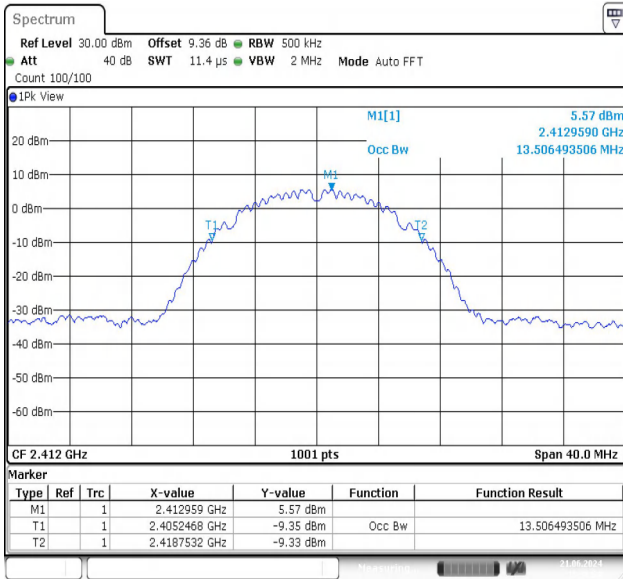
## Appendix B: Occupied Channel Bandwidth

### Test Result

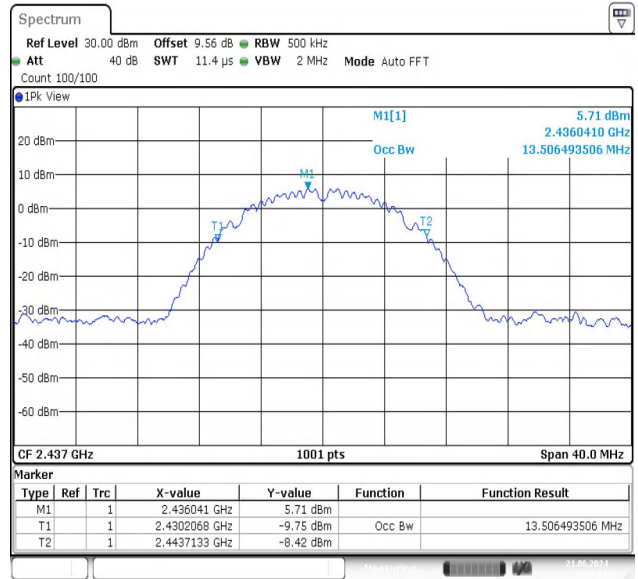
Test Mode	Antenna	Channel Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	13.506	2405.2468	2418.7532	---	---
11B	Ant1	2437	13.506	2430.2068	2443.7133	---	---
11B	Ant1	2462	13.546	2455.2068	2468.7532	---	---
11G	Ant1	2412	16.623	2403.6484	2420.2717	---	---
11G	Ant1	2437	16.663	2428.5684	2445.2318	---	---
11G	Ant1	2462	16.863	2453.4885	2470.3516	---	---
11N20SISO	Ant1	2412	17.502	2403.2088	2420.7113	---	---
11N20SISO	Ant1	2437	17.463	2428.2488	2445.7113	---	---
11N20SISO	Ant1	2462	17.423	2453.2488	2470.6713	---	---



## Test Graphs

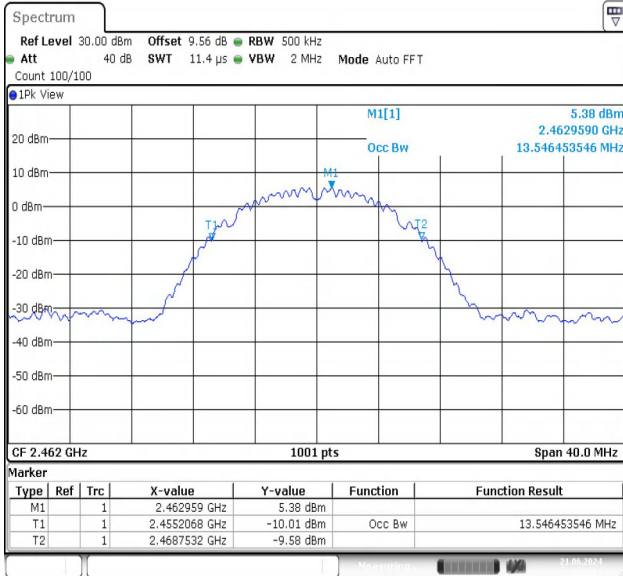


Date: 21.JUN.2024 10:33:24



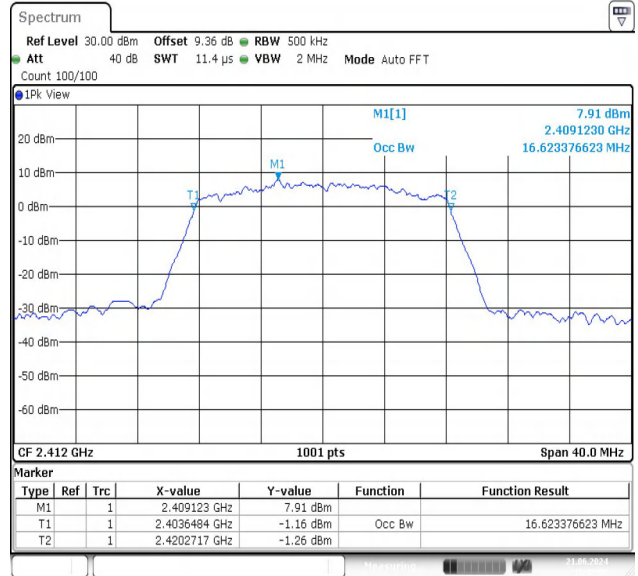
Date: 21.JUN.2024 10:36:13

### 11B-Ant1-2412



Date: 21.JUN.2024 10:39:02

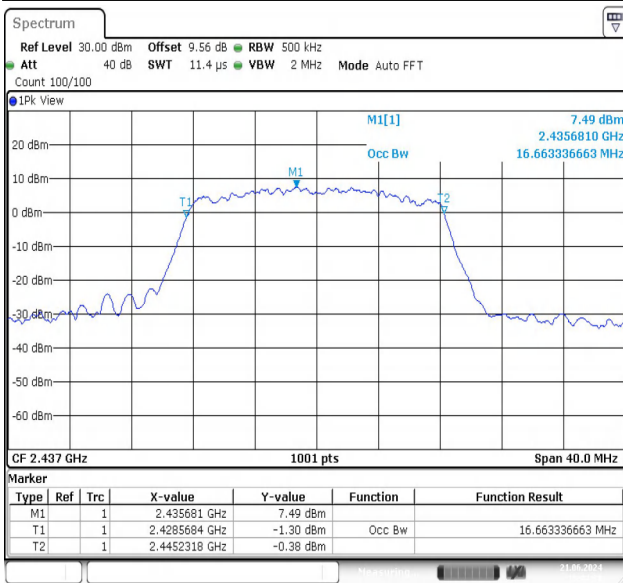
### 11B-Ant1-2437



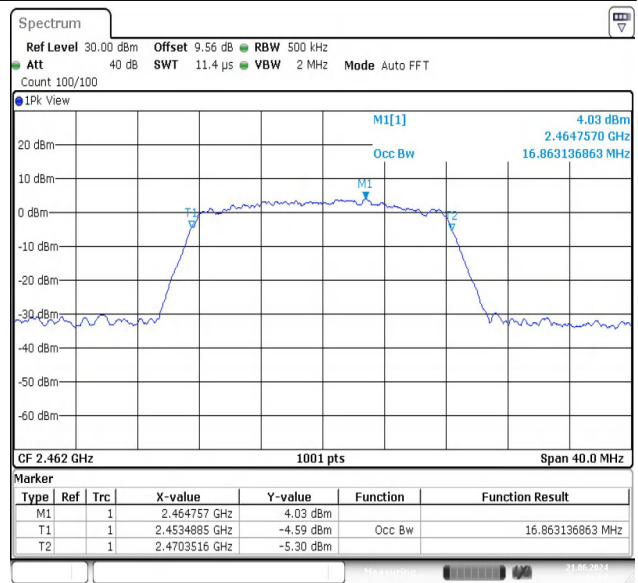
Date: 21.JUN.2024 10:42:01

### 11B-Ant1-2462

### 11G-Ant1-2412

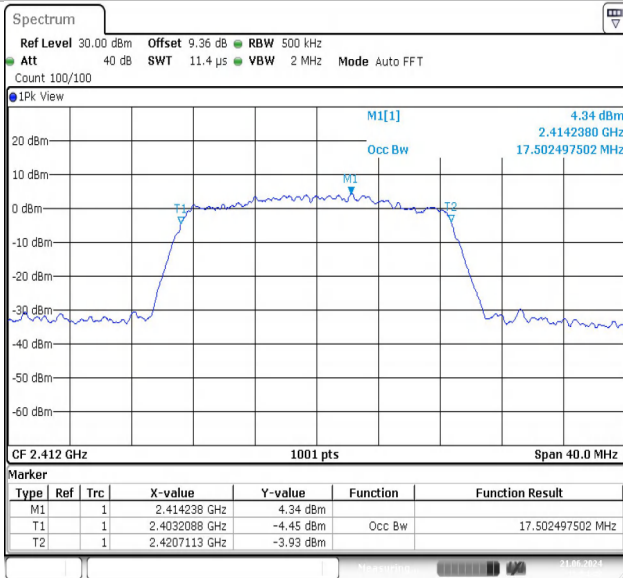


Date: 21.JUN.2024 10:44:38



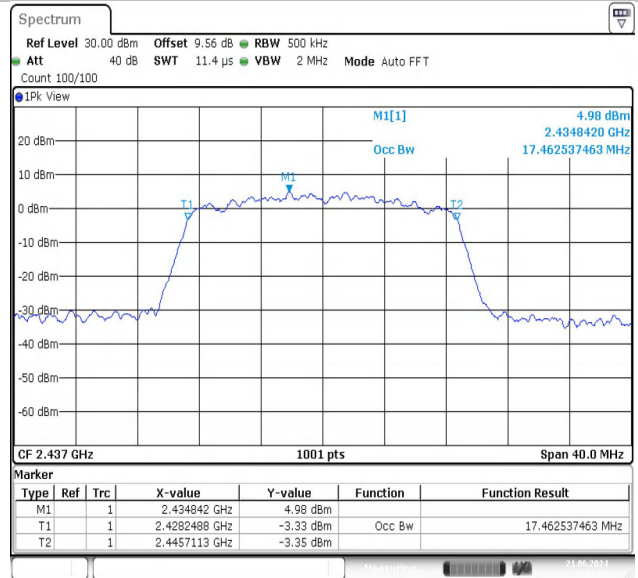
Date: 21.JUN.2024 11:01:35

## 11G-Ant1-2437



Date: 21.JUN.2024 11:04:48

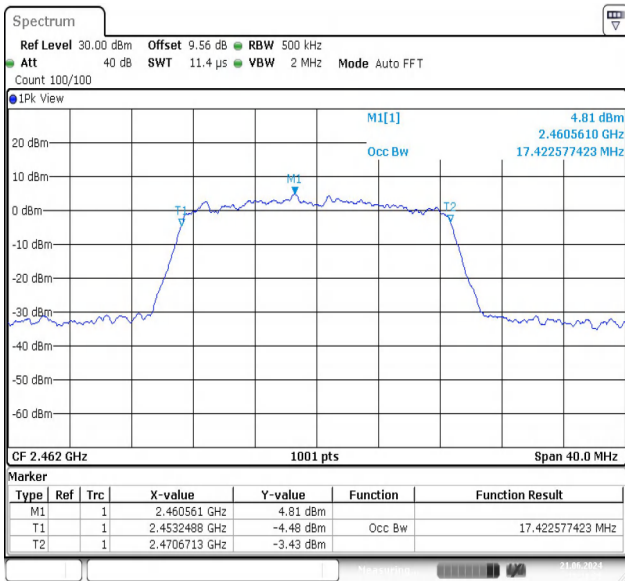
## 11G-Ant1-2462



Date: 21.JUN.2024 11:07:42

## 11N20SISO-Ant1-2412

## 11N20SISO-Ant1-2437



Date: 21.JUN.2024 11:11:25

11N20SISO-Ant1-2462





### Appendix C: Maximum conducted output power

#### Test Result Peak

Test Mode	Antenna	Frequency [MHz]	Peak Power [dBm]	Peak Powe Limit [dBm]	Gain [dBi]	EIRP [dBm]	EIRP Limit [dBm]	Verdict
11B	Ant1	2412	16.26	≤30.00	2.00	18.26	---	PASS
11B	Ant1	2437	16.51	≤30.00	2.00	18.51	---	PASS
11B	Ant1	2462	16.33	≤30.00	2.00	18.33	---	PASS
11G	Ant1	2412	18.18	≤30.00	2.00	20.18	---	PASS
11G	Ant1	2437	18.46	≤30.00	2.00	20.46	---	PASS
11G	Ant1	2462	18.16	≤30.00	2.00	20.16	---	PASS
11N20SISO	Ant1	2412	17.98	≤30.00	2.00	19.98	---	PASS
11N20SISO	Ant1	2437	18.26	≤30.00	2.00	20.26	---	PASS
11N20SISO	Ant1	2462	18.00	≤30.00	2.00	20.00	---	PASS

#### Test Result Average

Test Mode	Antenna	Frequency [MHz]	AV Power [dBm]	AV Power Limit [dBm]	Gain [dBi]	EIRP [dBm]	EIRP Limit [dBm]	Verdict
11B	Ant1	2412	12.19	≤30.00	2.00	14.19	---	PASS
11B	Ant1	2437	12.71	≤30.00	2.00	14.71	---	PASS
11B	Ant1	2462	12.73	≤30.00	2.00	14.73	---	PASS
11G	Ant1	2412	9.06	≤30.00	2.00	11.06	---	PASS
11G	Ant1	2437	9.60	≤30.00	2.00	11.60	---	PASS
11G	Ant1	2462	9.61	≤30.00	2.00	11.61	---	PASS
11N20SISO	Ant1	2412	8.86	≤30.00	2.00	10.86	---	PASS
11N20SISO	Ant1	2437	9.40	≤30.00	2.00	11.40	---	PASS
11N20SISO	Ant1	2462	9.44	≤30.00	2.00	11.44	---	PASS



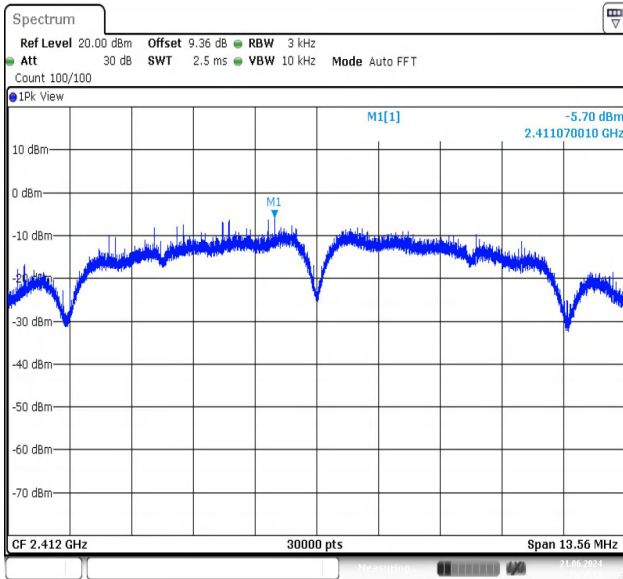
## Appendix D: Maximum power spectral density

### Test Result

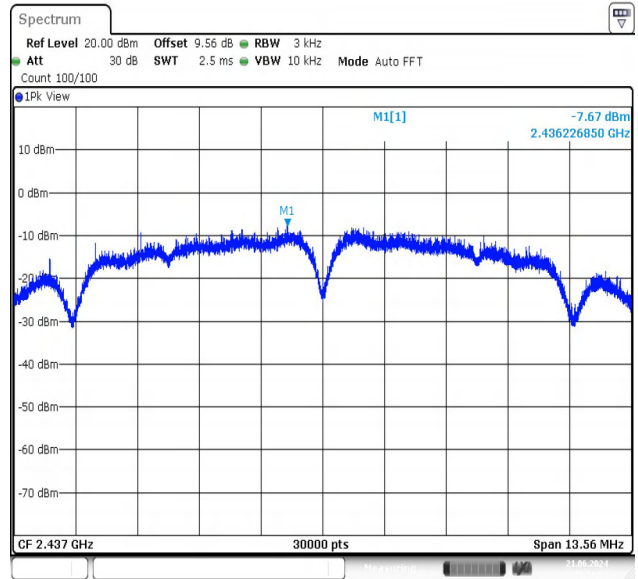
TestMode	Antenna	Frequency[MHz]	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant1	2412	-5.70	≤8.00	PASS
11B	Ant1	2437	-7.67	≤8.00	PASS
11B	Ant1	2462	-6.80	≤8.00	PASS
11G	Ant1	2412	-11.89	≤8.00	PASS
11G	Ant1	2437	-12.23	≤8.00	PASS
11G	Ant1	2462	-13.08	≤8.00	PASS
11N20SISO	Ant1	2412	-12.73	≤8.00	PASS
11N20SISO	Ant1	2437	-12.49	≤8.00	PASS
11N20SISO	Ant1	2462	-12.89	≤8.00	PASS



Test Graphs



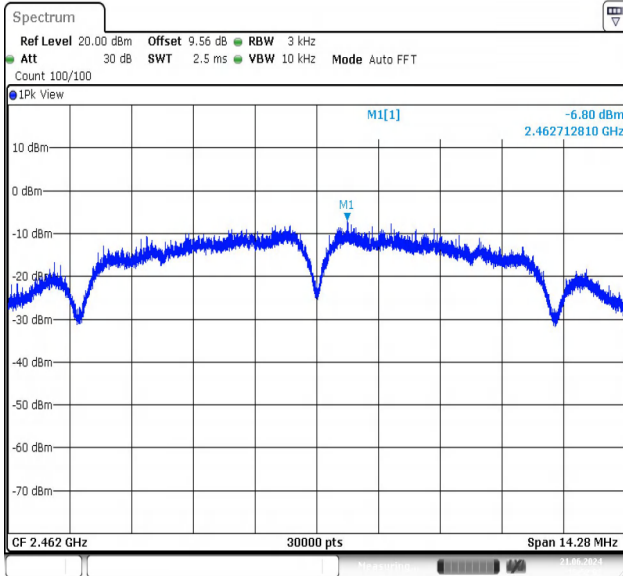
Date: 21.JUN.2024 10:50:13



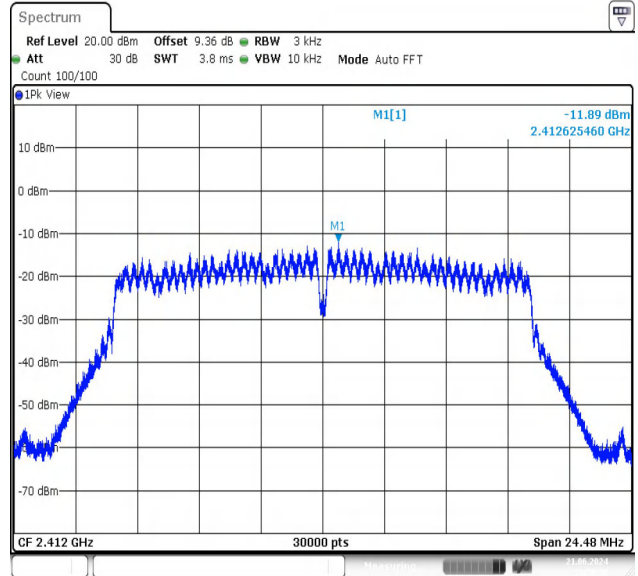
Date: 21.JUN.2024 10:51:09

11B-Ant1-2412-PASS

11B-Ant1-2437-PASS



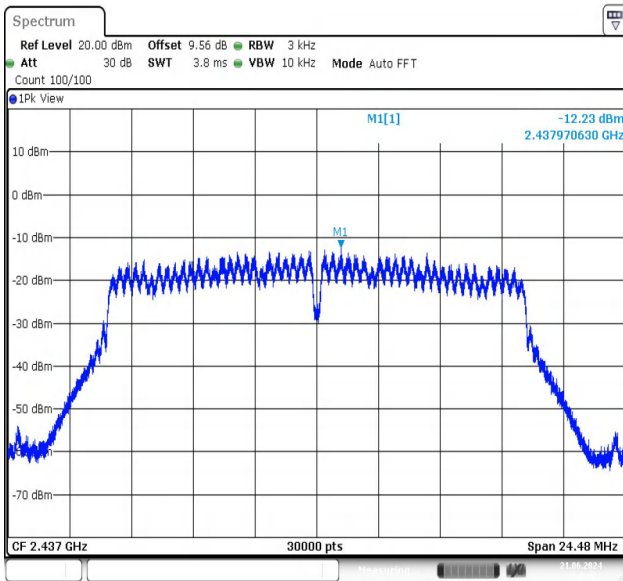
Date: 21.JUN.2024 10:52:03



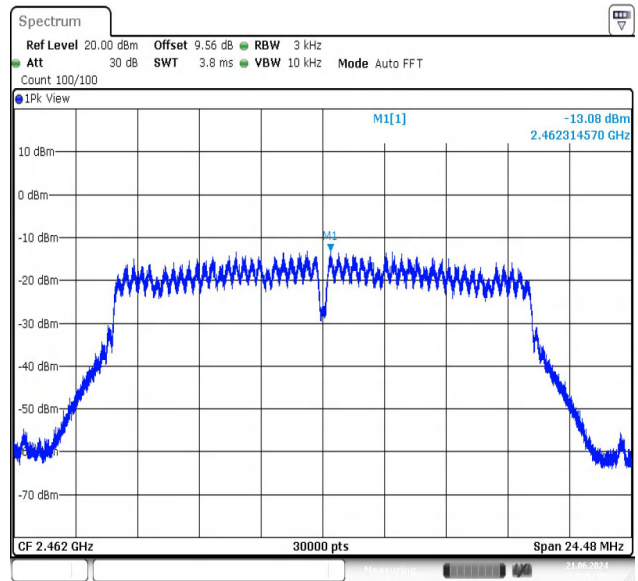
Date: 21.JUN.2024 10:58:31

11B-Ant1-2462-PASS

11G-Ant1-2412-PASS



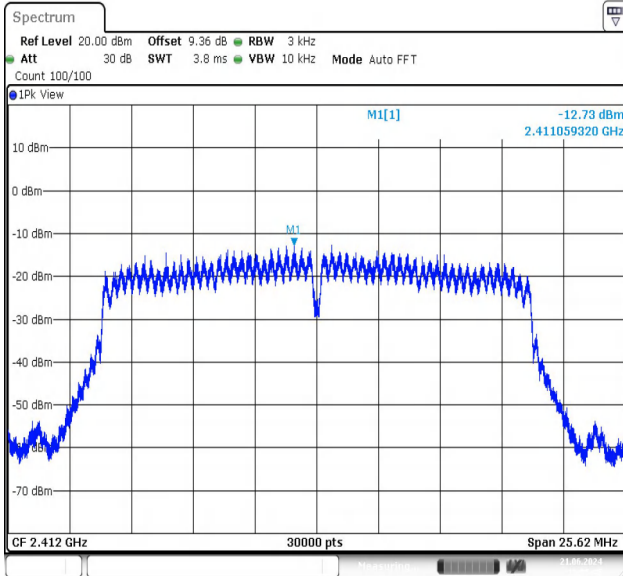
Date: 21.JUN.2024 10:59:23



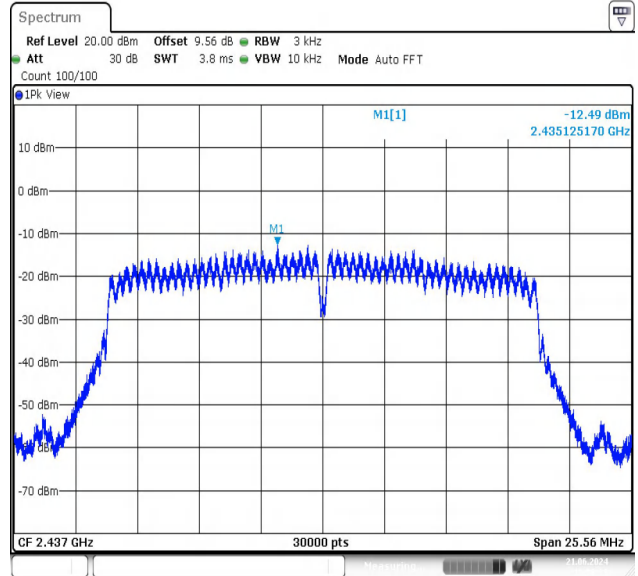
Date: 21.JUN.2024 11:02:40

11G-Ant1-2437-PASS

11G-Ant1-2462-PASS



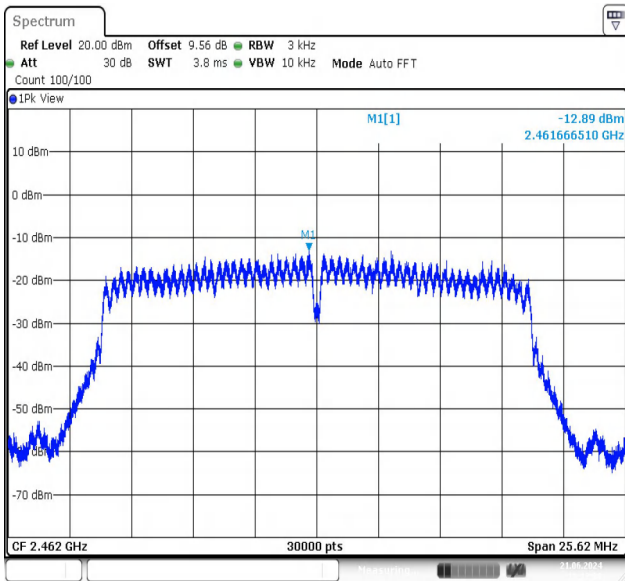
Date: 21.JUN.2024 11:05:46



Date: 21.JUN.2024 11:08:34

11N20SISO-Ant1-2412-PASS

11N20SISO-Ant1-2437-PASS



Date: 21.JUN.2024 11:12:09

11N20SISO-Ant1-2462-PASS



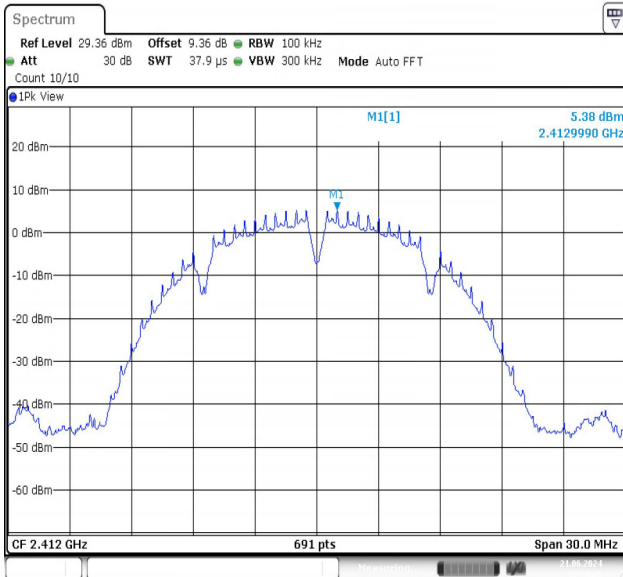
### Appendix E: Conducted Spurious Emission

#### Test Result

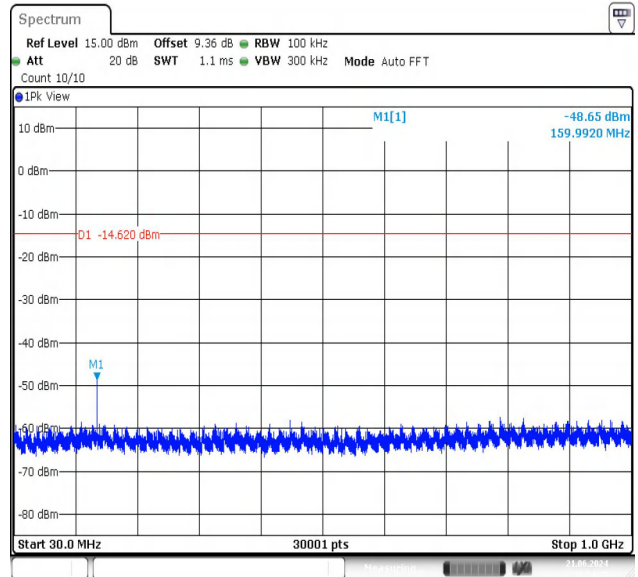
TestMode	Antenna	Frequency[MHz]	Freq Range [Mhz]	Ref Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	0~Reference	5.38	5.38	---	PASS
11B	Ant1	2412	30~1000	5.38	-48.65	≤-14.62	PASS
11B	Ant1	2412	1000~26500	5.38	-44.86	≤-14.62	PASS
11B	Ant1	2437	0~Reference	5.56	5.56	---	PASS
11B	Ant1	2437	30~1000	5.56	-48.5	≤-14.44	PASS
11B	Ant1	2437	1000~26500	5.56	-42	≤-14.44	PASS
11B	Ant1	2462	0~Reference	5.36	5.36	---	PASS
11B	Ant1	2462	30~1000	5.36	-48.16	≤-14.64	PASS
11B	Ant1	2462	1000~26500	5.36	-41.7	≤-14.64	PASS
11G	Ant1	2412	0~Reference	0.57	0.57	---	PASS
11G	Ant1	2412	30~1000	0.57	-47.55	≤-19.43	PASS
11G	Ant1	2412	1000~26500	0.57	-46.58	≤-19.43	PASS
11G	Ant1	2437	0~Reference	-1.92	-1.92	---	PASS
11G	Ant1	2437	30~1000	-1.92	-48.47	≤-21.92	PASS
11G	Ant1	2437	1000~26500	-1.92	-46.78	≤-21.92	PASS
11G	Ant1	2462	0~Reference	-2.39	-2.39	---	PASS
11G	Ant1	2462	30~1000	-2.39	-48.5	≤-22.39	PASS
11G	Ant1	2462	1000~26500	-2.39	-46.87	≤-22.39	PASS
11N20SISO	Ant1	2412	0~Reference	-2.40	-2.40	---	PASS
11N20SISO	Ant1	2412	30~1000	-2.40	-48.51	≤-22.4	PASS
11N20SISO	Ant1	2412	1000~26500	-2.40	-46.31	≤-22.4	PASS
11N20SISO	Ant1	2437	0~Reference	-2.32	-2.32	---	PASS
11N20SISO	Ant1	2437	30~1000	-2.32	-48.65	≤-22.32	PASS
11N20SISO	Ant1	2437	1000~26500	-2.32	-46.89	≤-22.32	PASS
11N20SISO	Ant1	2462	0~Reference	-2.44	-2.44	---	PASS
11N20SISO	Ant1	2462	30~1000	-2.44	-48.61	≤-22.44	PASS
11N20SISO	Ant1	2462	1000~26500	-2.44	-46.26	≤-22.44	PASS



## Test Graphs

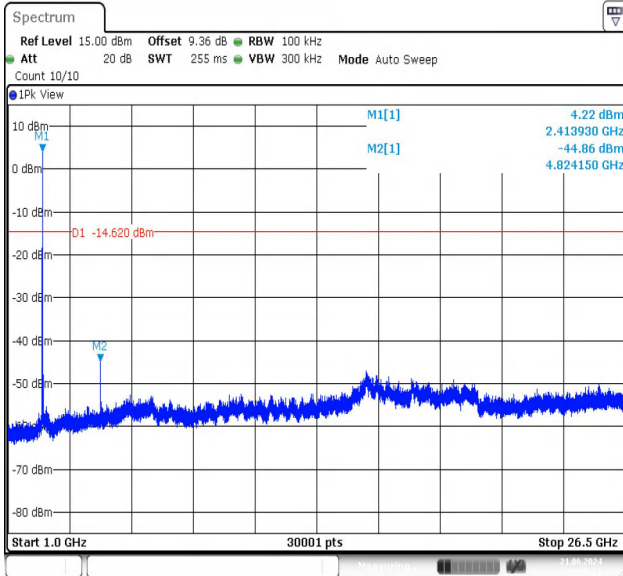


Date: 21.JUN.2024 10:34:30



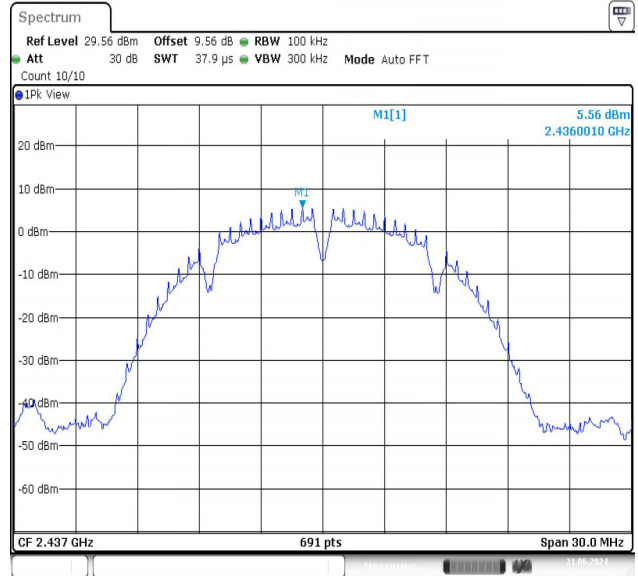
Date: 21.JUN.2024 10:34:41

### 11B-Ant1-2412-0~Reference-PASS



Date: 21.JUN.2024 10:35:18

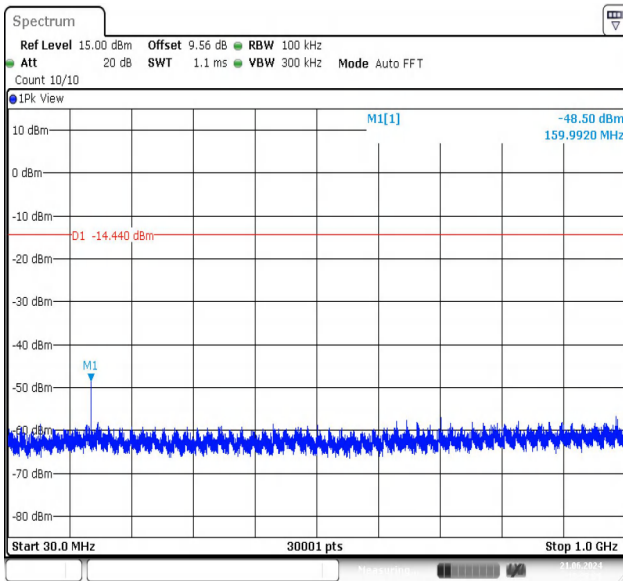
### 11B-Ant1-2412-30~1000-PASS



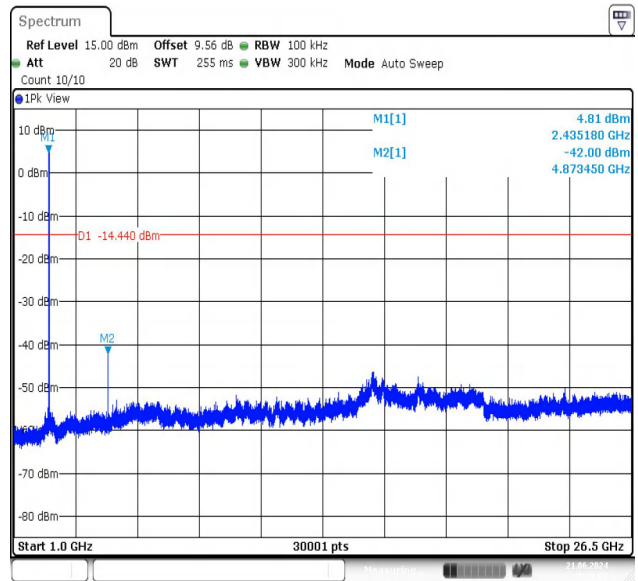
Date: 21.JUN.2024 10:37:09

### 11B-Ant1-2412-1000~26500-PASS

### 11B-Ant1-2437-0~Reference-PASS



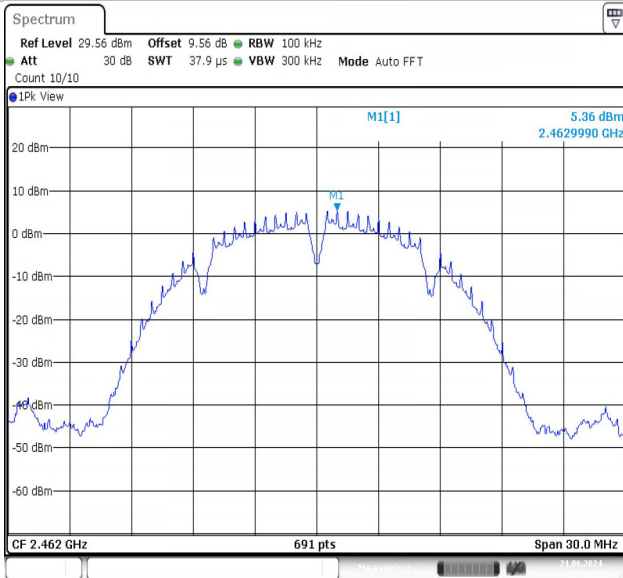
Date: 21.JUN.2024 10:37:21



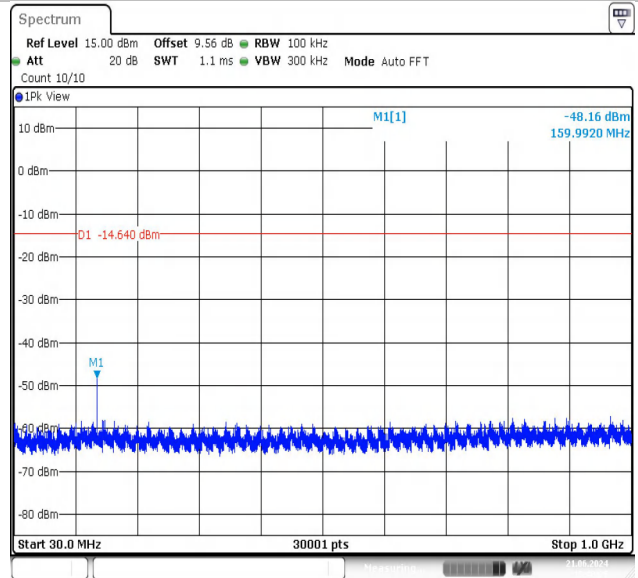
Date: 21.JUN.2024 10:37:58

11B-Ant1-2437-30~1000-PASS

11B-Ant1-2437-1000~26500-PASS



Date: 21.JUN.2024 10:40:14

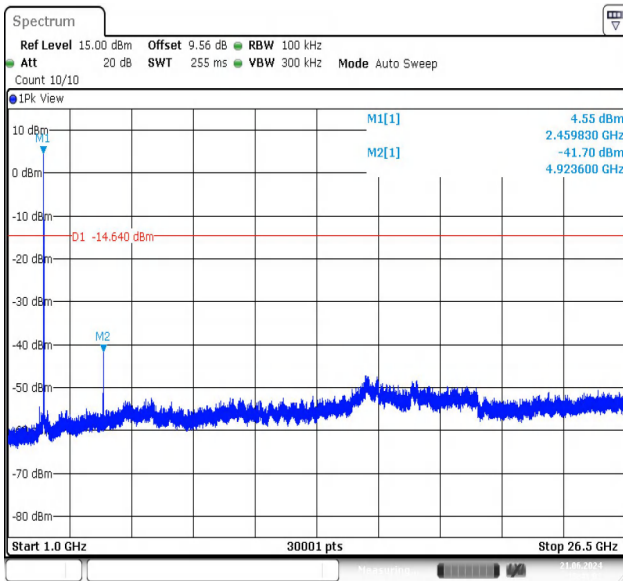


Date: 21.JUN.2024 10:40:25

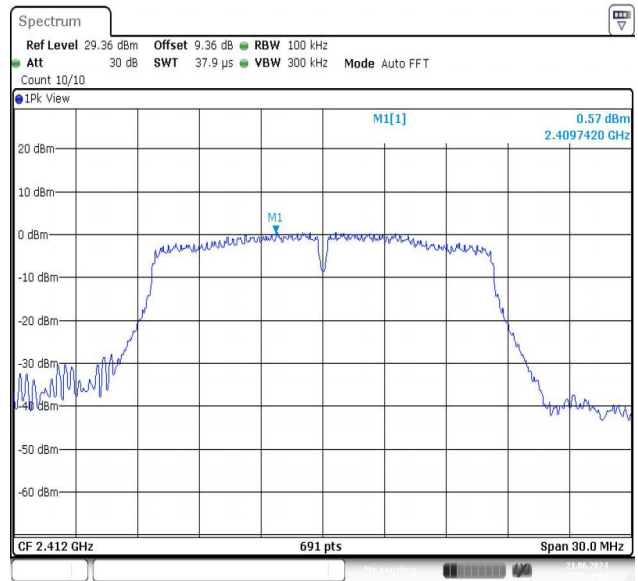
11B-Ant1-2462-0~Reference-PASS

11B-Ant1-2462-30~1000-PASS



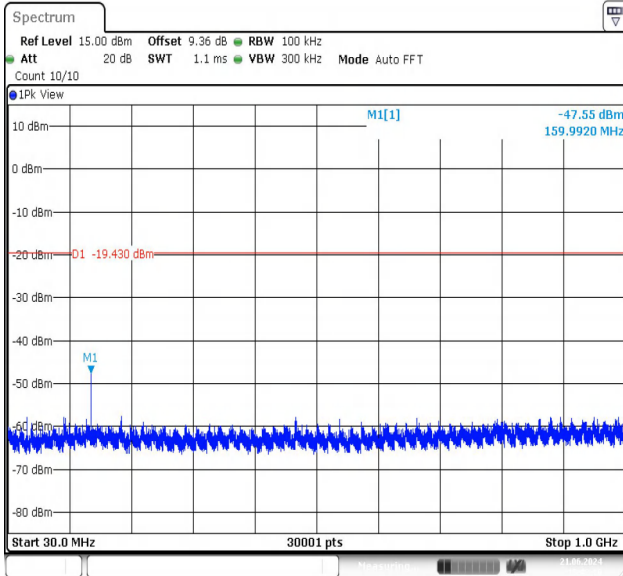


Date: 21.JUN.2024 10:41:02



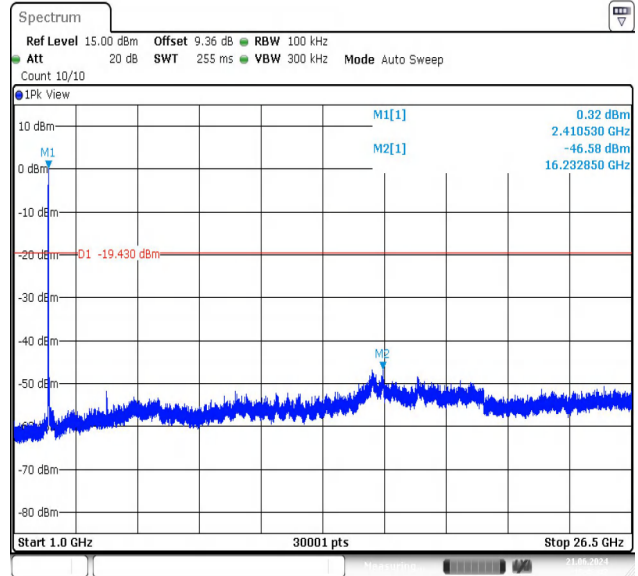
Date: 21.JUN.2024 10:42:59

### 11B-Ant1-2462-1000~26500-PASS



Date: 21.JUN.2024 10:43:11

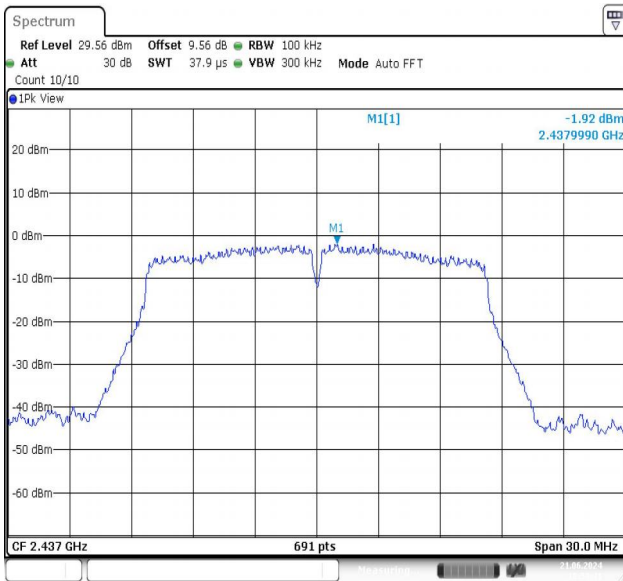
### 11G-Ant1-2412-0~Reference-PASS



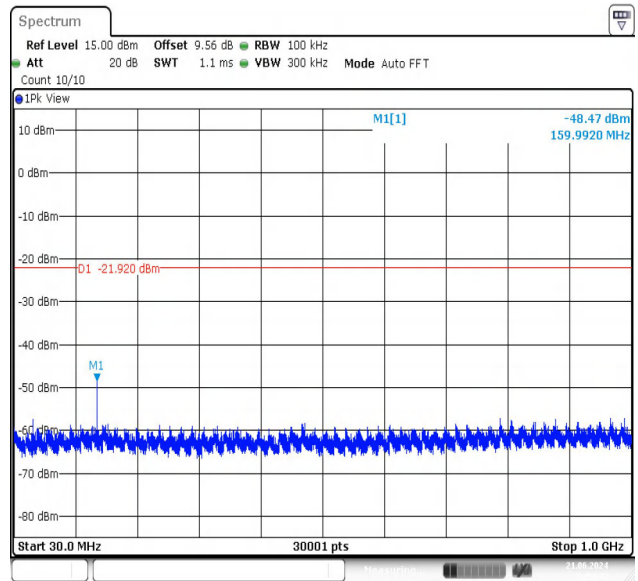
Date: 21.JUN.2024 10:43:48

### 11G-Ant1-2412-30~1000-PASS

### 11G-Ant1-2412-1000~26500-PASS



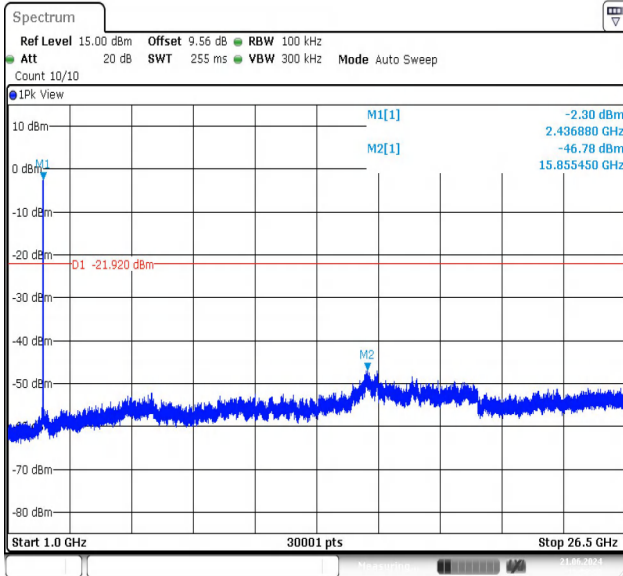
Date: 21.JUN.2024 10:59:32



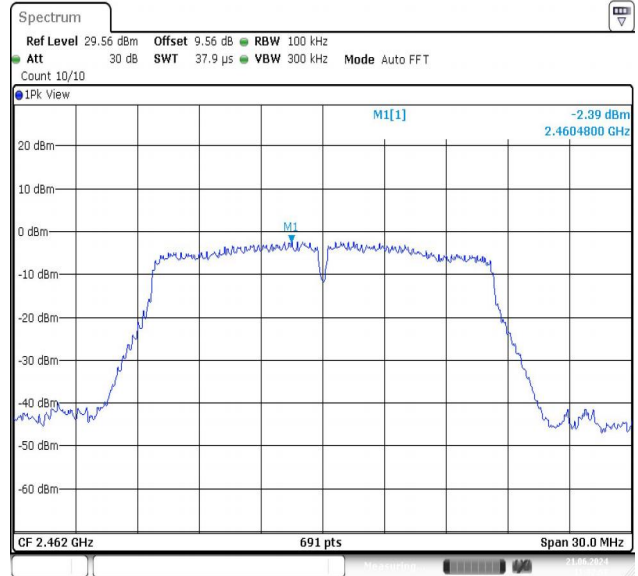
Date: 21.JUN.2024 10:59:43

### 11G-Ant1-2437-0~Reference-PASS

### 11G-Ant1-2437-30~1000-PASS



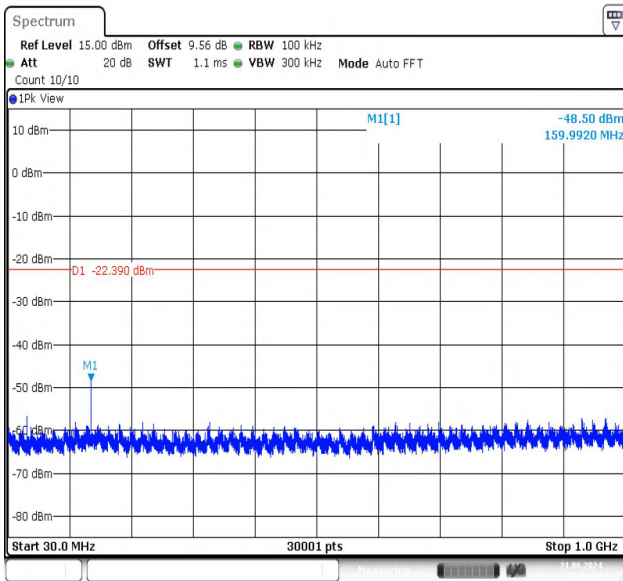
Date: 21.JUN.2024 11:00:20



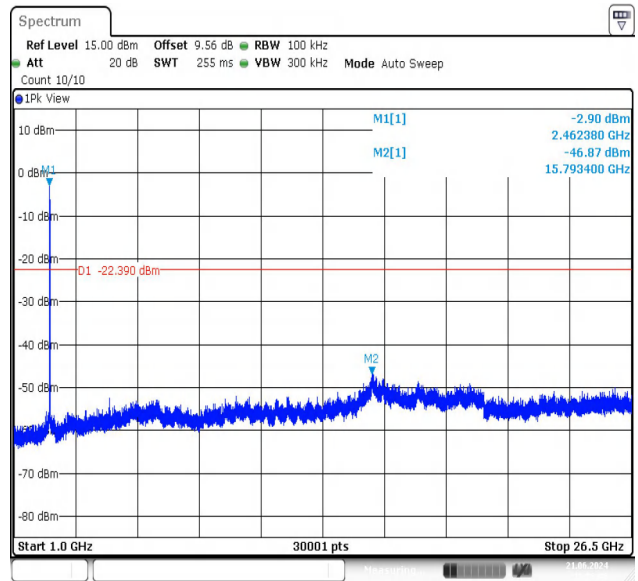
Date: 21.JUN.2024 11:02:59

### 11G-Ant1-2437-1000~26500-PASS

### 11G-Ant1-2462-0~Reference-PASS



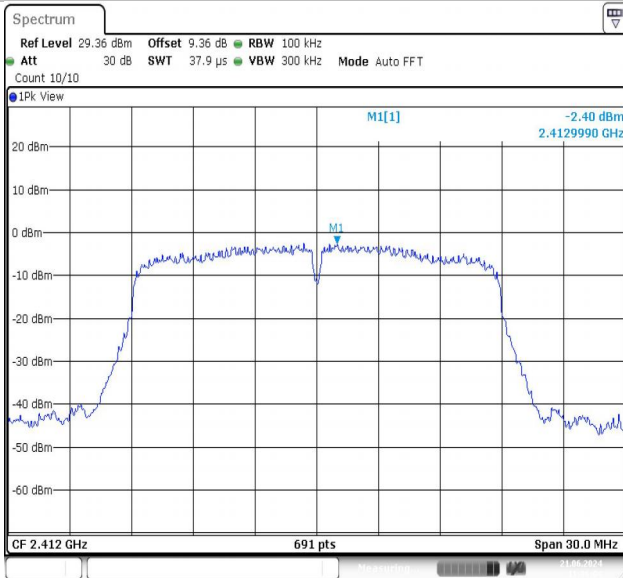
Date: 21.JUN.2024 11:03:10



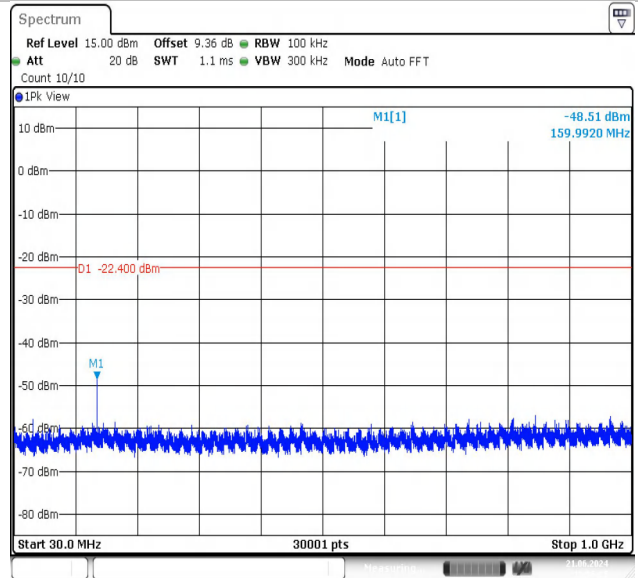
Date: 21.JUN.2024 11:03:47

11G-Ant1-2462-30~1000-PASS

11G-Ant1-2462-1000~26500-PASS



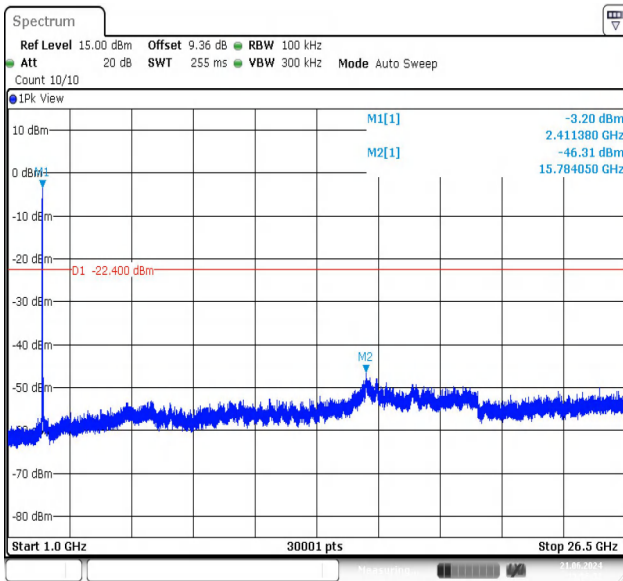
Date: 21.JUN.2024 11:06:05



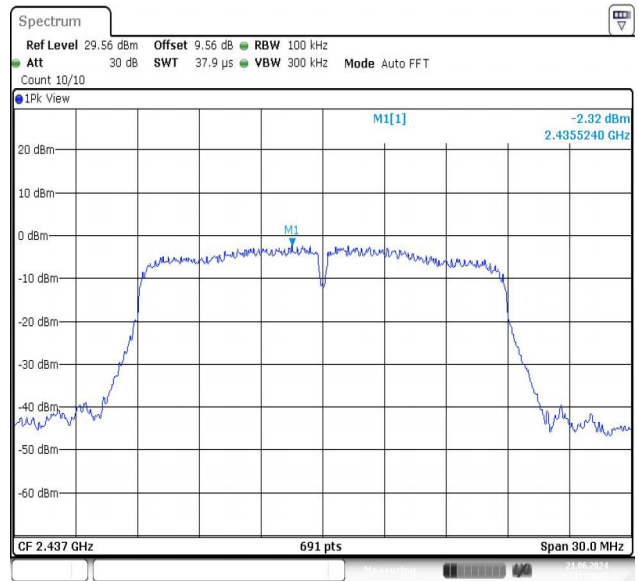
Date: 21.JUN.2024 11:06:16

11N20SISO-Ant1-2412-0~Reference-PASS

11N20SISO-Ant1-2412-30~1000-PASS

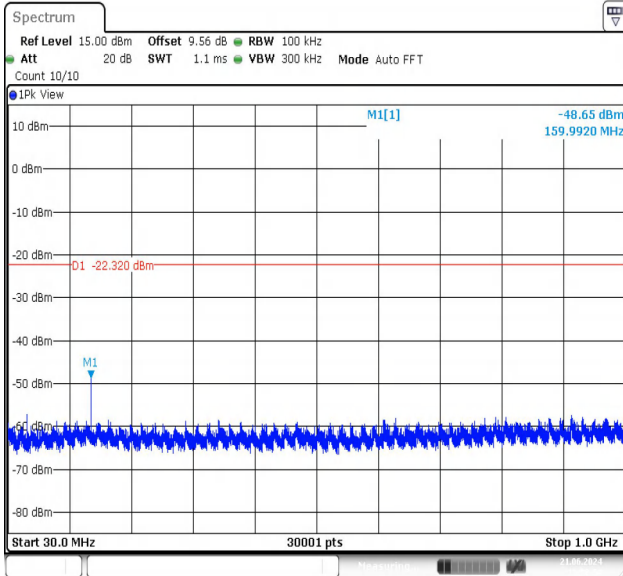


Date: 21.JUN.2024 11:06:53



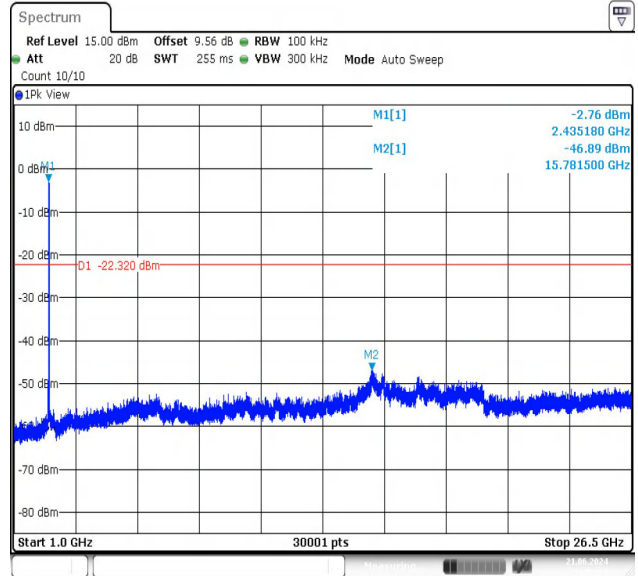
Date: 21.JUN.2024 11:08:43

### 11N20SISO-Ant1-2412-1000~26500-PASS



Date: 21.JUN.2024 11:08:55

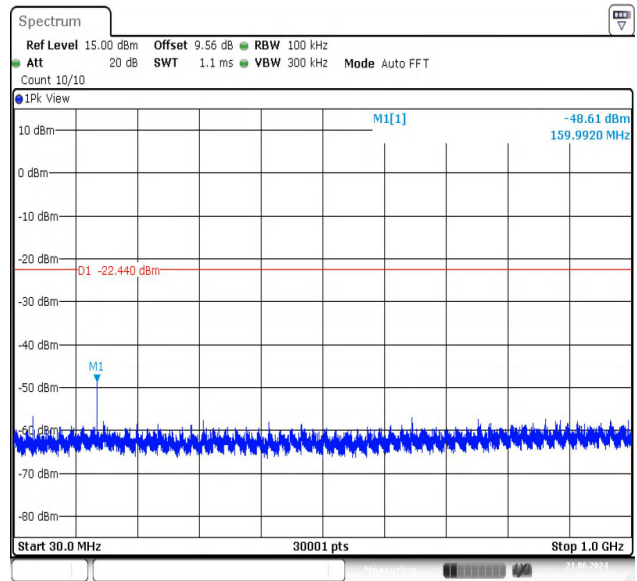
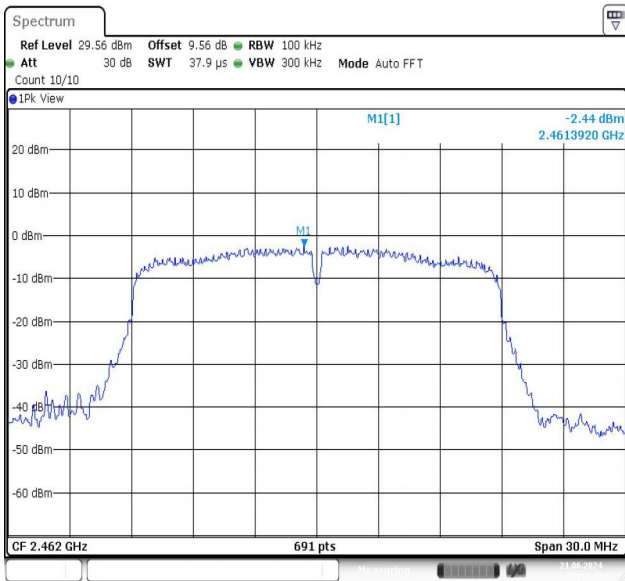
### 11N20SISO-Ant1-2437-0~Reference-PASS



Date: 21.JUN.2024 11:09:32

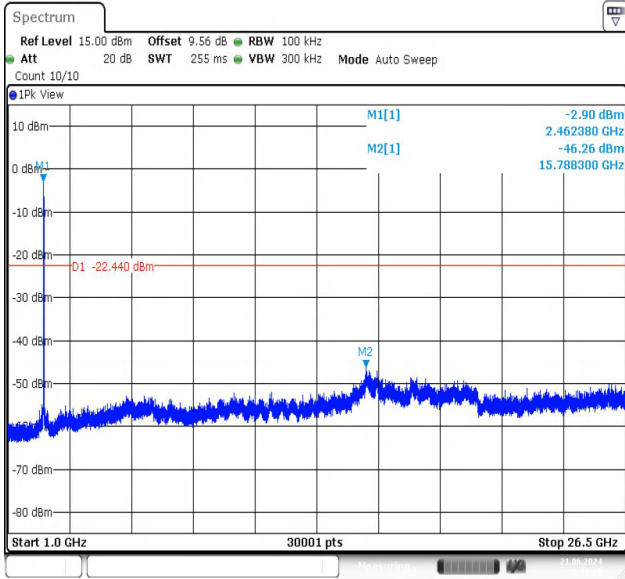
### 11N20SISO-Ant1-2437-30~1000-PASS

### 11N20SISO-Ant1-2437-1000~26500-PASS



11N20SISO-Ant1-2462-0~Reference-PASS

11N20SISO-Ant1-2462-30~1000-PASS



11N20SISO-Ant1-2462-1000~26500-PASS



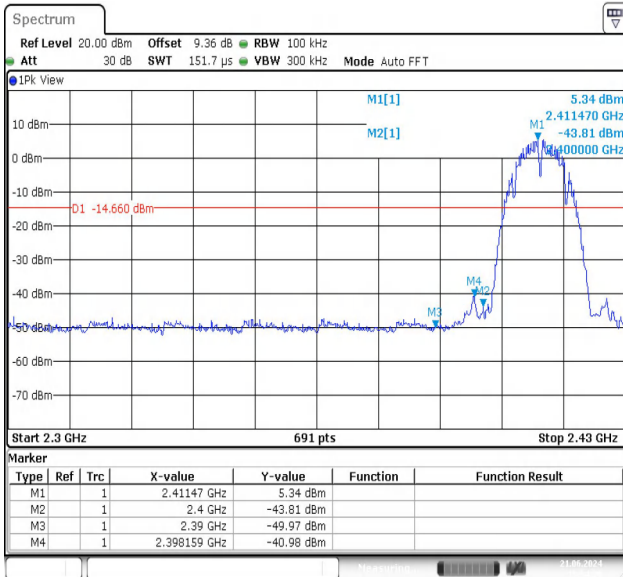
## Appendix F: Band edge measurements

### Test Result

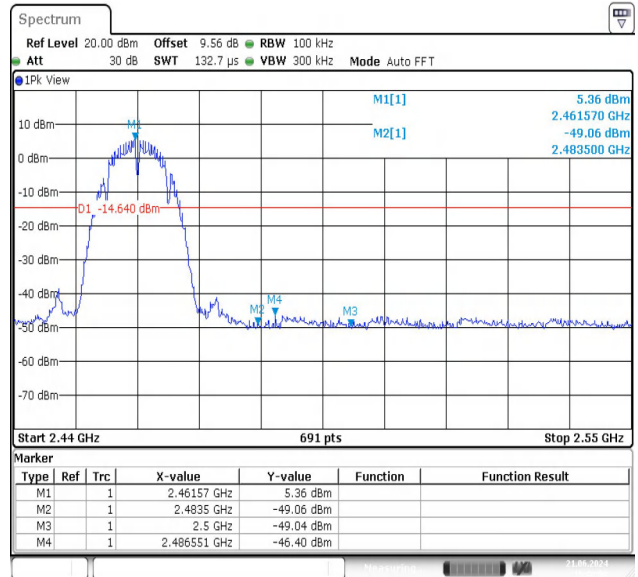
TestMode	Antenna	ChName	Frequency[MHz]	Ref Level[dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	Low	2412	5.34	-40.98	≤-14.66	PASS
11B	Ant1	High	2462	5.36	-46.4	≤-14.64	PASS
11G	Ant1	Low	2412	0.27	-36.29	≤-19.73	PASS
11G	Ant1	High	2462	-2.41	-45.35	≤-22.41	PASS
11N20SISO	Ant1	Low	2412	-2.64	-42.14	≤-22.64	PASS
11N20SISO	Ant1	High	2462	-2.87	-46.11	≤-22.87	PASS



## Test Graphs

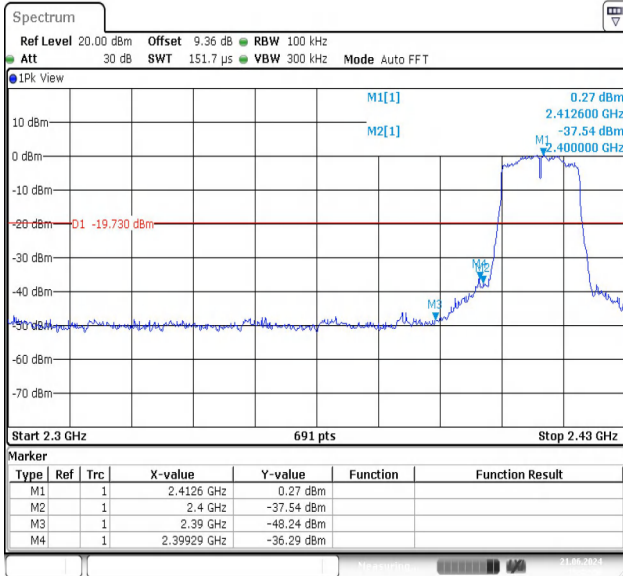


Date: 21.JUN.2024 10:34:20



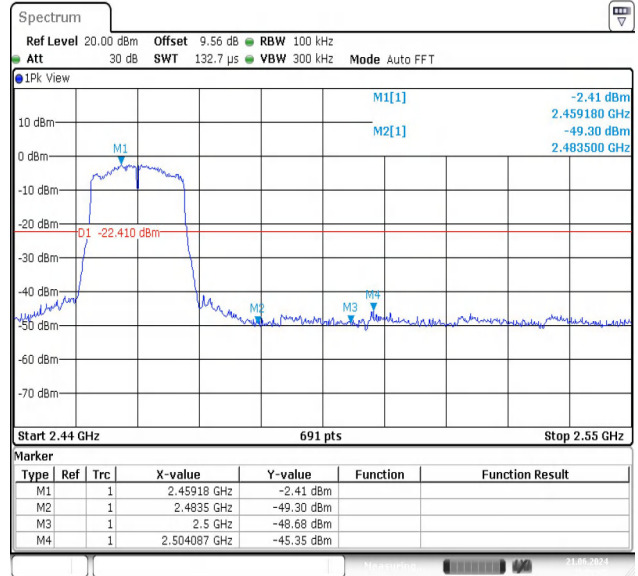
Date: 21.JUN.2024 10:40:05

### 11B-Ant1-2412-PASS



Date: 21.JUN.2024 10:42:50

### 11B-Ant1-2462-PASS

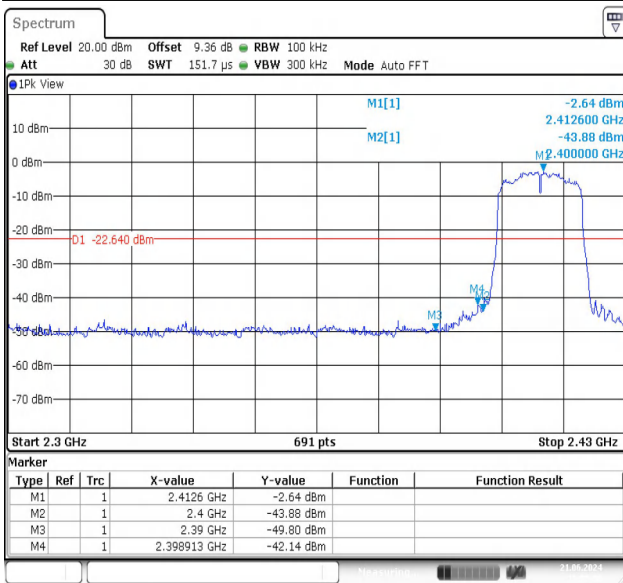


Date: 21.JUN.2024 11:02:49

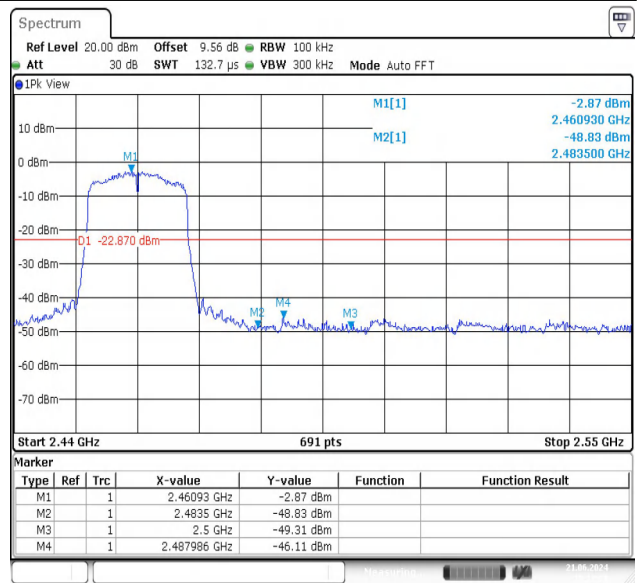
### 11G-Ant1-2412-PASS

### 11G-Ant1-2462-PASS





Date: 21.JUN.2024 11:05:55



Date: 21.JUN.2024 11:12:18

11N20SISO-Ant1-2412-PASS

11N20SISO-Ant1-2462-PASS





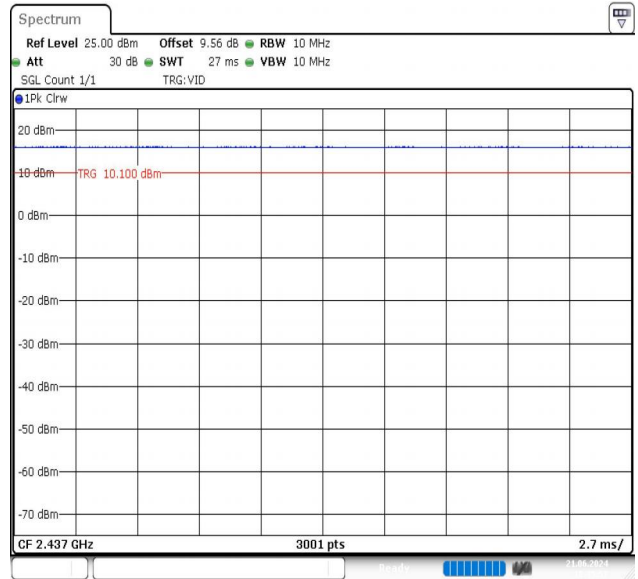
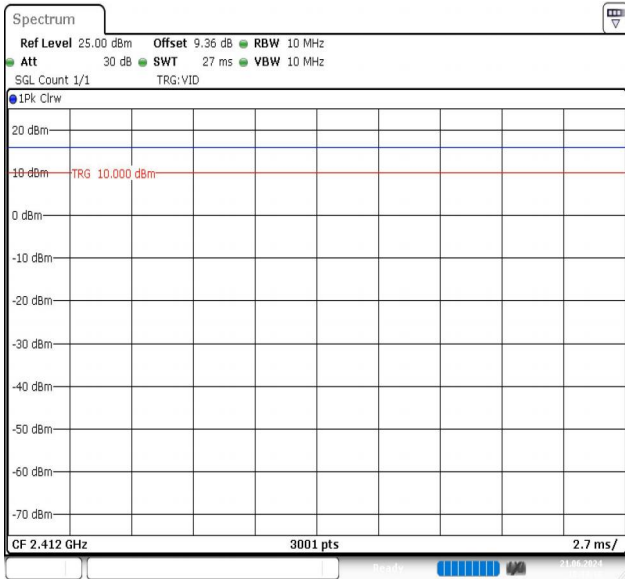
## Appendix G: Duty Cycle

### Test Result

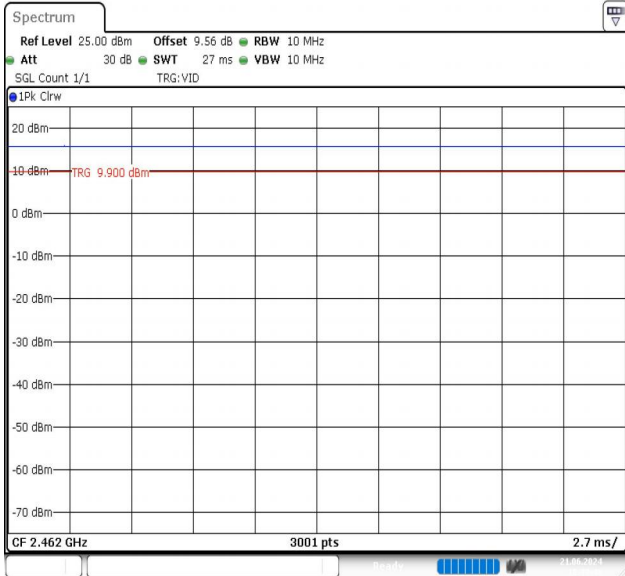
TestMode	Antenna	Frequency[MHz]	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]
11B	Ant1	2412	27.00	27.00	100.00
11B	Ant1	2437	27.00	27.00	100.00
11B	Ant1	2462	27.00	27.00	100.00
11G	Ant1	2412	27.00	27.00	100.00
11G	Ant1	2437	27.00	27.00	100.00
11G	Ant1	2462	27.00	27.00	100.00
11N20SISO	Ant1	2412	27.00	27.00	100.00
11N20SISO	Ant1	2437	27.00	27.00	100.00
11N20SISO	Ant1	2462	27.00	27.00	100.00



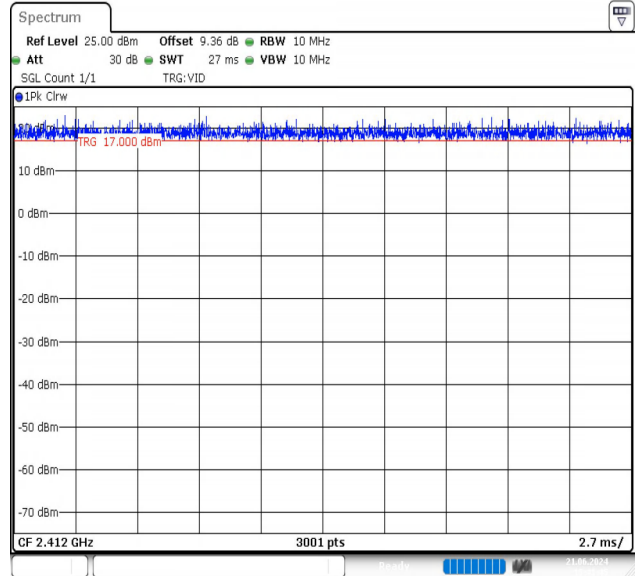
## Test Graphs



NTNV-11B-Ant1-2412

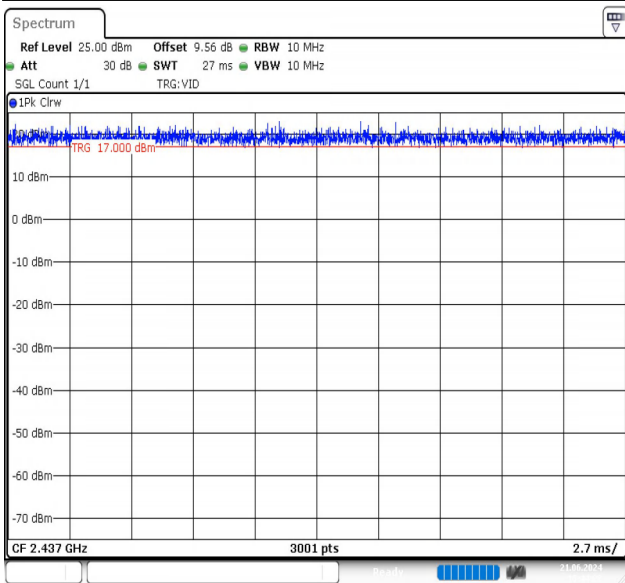


NTNV-11B-Ant1-2437

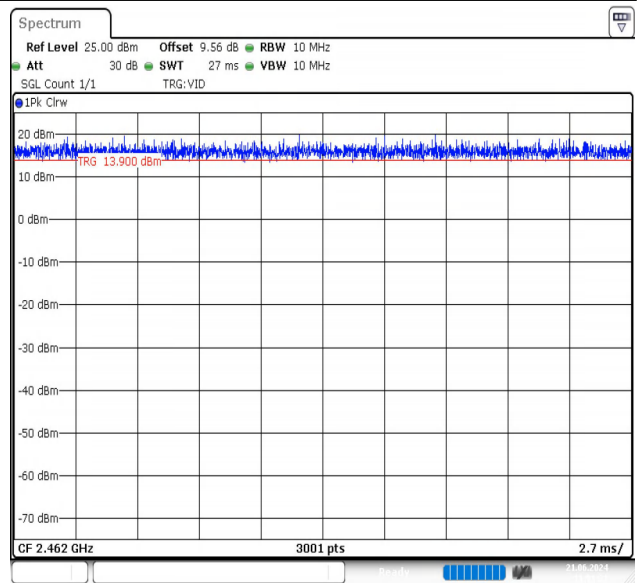


NTNV-11B-Ant1-2462

NTNV-11G-Ant1-2412



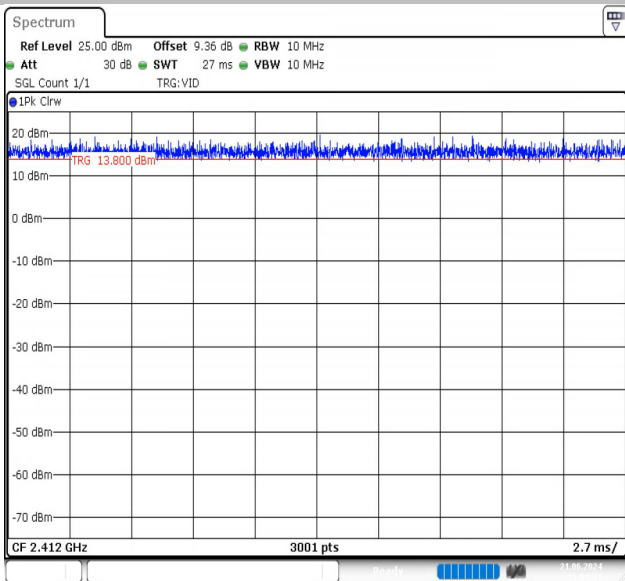
Date: 21.JUN.2024 10:44:22



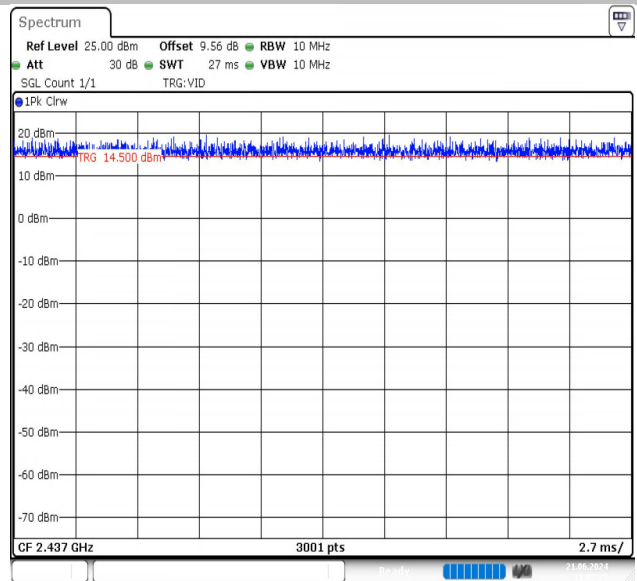
Date: 21.JUN.2024 11:01:21

NTNV-11G-Ant1-2437

NTNV-11G-Ant1-2462



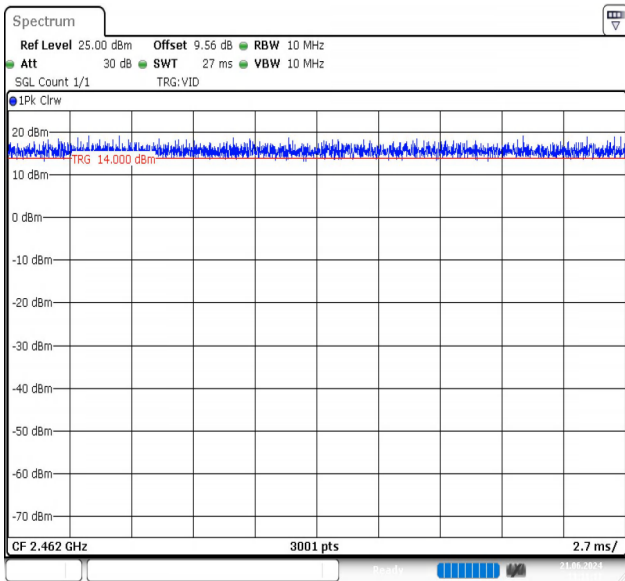
Date: 21.JUN.2024 11:04:32



Date: 21.JUN.2024 11:07:25

NTNV-11N20SISO-Ant1-2412

NTNV-11N20SISO-Ant1-2437



Date: 21.JUN.2024 11:11:11

NTNV-11N20SISO-Ant1-2462

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