

# APPENDIX REPORT

|                 |                 |                     |               |
|-----------------|-----------------|---------------------|---------------|
| Project No.     | SHT2603105404W  | Radio Specification | WIFI 2.4G     |
| Test sample No. | YPHT26031054001 | Model No.           | Q70           |
| Start test date | 2026/06/15      | Finish date         | 2026/07/15    |
| Temperature     | 21.9℃           | Humidity            | 55%           |
| Test Engineer   | Jiaxing Si      | Auditor             | Xiaodong Zhao |

| Appendix clause | Test item                                  | Result |
|-----------------|--------------------------------------------|--------|
| A               | Conducted Peak Output Power                | PASS   |
| B               | Power Spectral Density                     | PASS   |
| C               | 6dB Bandwidth                              | PASS   |
| D               | 99% Occupied Bandwidth                     | PASS   |
| E               | Duty Cycle                                 | PASS   |
| F               | Band edge and Spurious Emission(Conducted) | PASS   |

## Appendix A: Conducted Peak Output Power

### Test Result

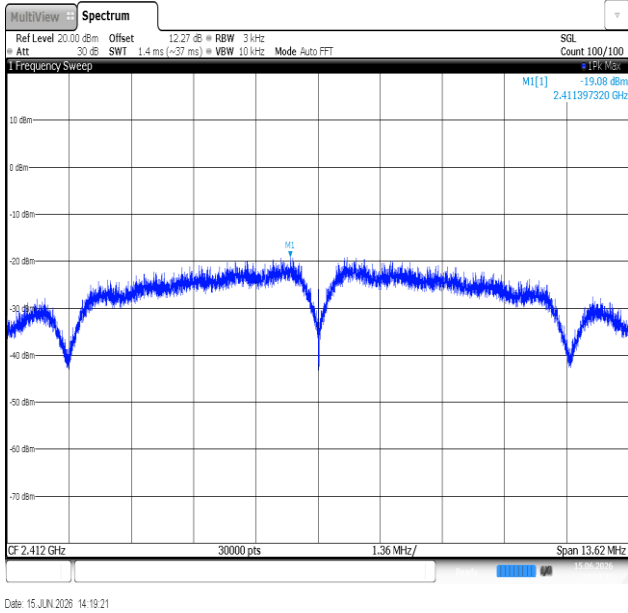
| Test Mode | Frequency [MHz] | Peak power [dBm] | Conducted Limit[dBm] | Average Power[dBm] | Verdict |
|-----------|-----------------|------------------|----------------------|--------------------|---------|
| 11B       | 2412            | 6.50             | ≤30.00               | 4.61               | PASS    |
| 11B       | 2437            | 7.22             | ≤30.00               | 5.07               | PASS    |
| 11B       | 2462            | 7.05             | ≤30.00               | 4.98               | PASS    |
| 11G       | 2412            | 5.76             | ≤30.00               | -0.34              | PASS    |
| 11G       | 2437            | 5.89             | ≤30.00               | -0.18              | PASS    |
| 11G       | 2462            | 5.89             | ≤30.00               | -0.26              | PASS    |
| 11N20SISO | 2412            | 5.32             | ≤30.00               | -0.65              | PASS    |
| 11N20SISO | 2437            | 5.69             | ≤30.00               | -0.49              | PASS    |
| 11N20SISO | 2462            | 5.42             | ≤30.00               | -0.63              | PASS    |
| 11N40SISO | 2422            | 6.31             | ≤30.00               | 0.22               | PASS    |
| 11N40SISO | 2437            | 6.23             | ≤30.00               | 0.18               | PASS    |
| 11N40SISO | 2452            | 6.40             | ≤30.00               | 0.15               | PASS    |

# Appendix B: Power Spectral Density

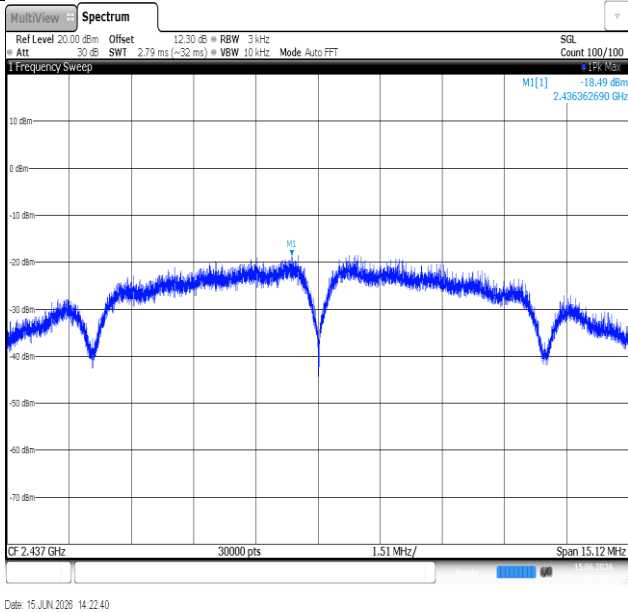
## Test Result

| TestMode  | Frequency[MHz] | Result[dBm/3-100kHz] | Limit[dBm/3kHz] | Verdict |
|-----------|----------------|----------------------|-----------------|---------|
| 11B       | 2412           | -19.08               | ≤8.00           | PASS    |
| 11B       | 2437           | -18.49               | ≤8.00           | PASS    |
| 11B       | 2462           | -19.02               | ≤8.00           | PASS    |
| 11G       | 2412           | -27.59               | ≤8.00           | PASS    |
| 11G       | 2437           | -26.31               | ≤8.00           | PASS    |
| 11G       | 2462           | -27.19               | ≤8.00           | PASS    |
| 11N20SISO | 2412           | -28.06               | ≤8.00           | PASS    |
| 11N20SISO | 2437           | -25.95               | ≤8.00           | PASS    |
| 11N20SISO | 2462           | -27.59               | ≤8.00           | PASS    |
| 11N40SISO | 2422           | -29.58               | ≤8.00           | PASS    |
| 11N40SISO | 2437           | -29.33               | ≤8.00           | PASS    |
| 11N40SISO | 2452           | -29.29               | ≤8.00           | PASS    |

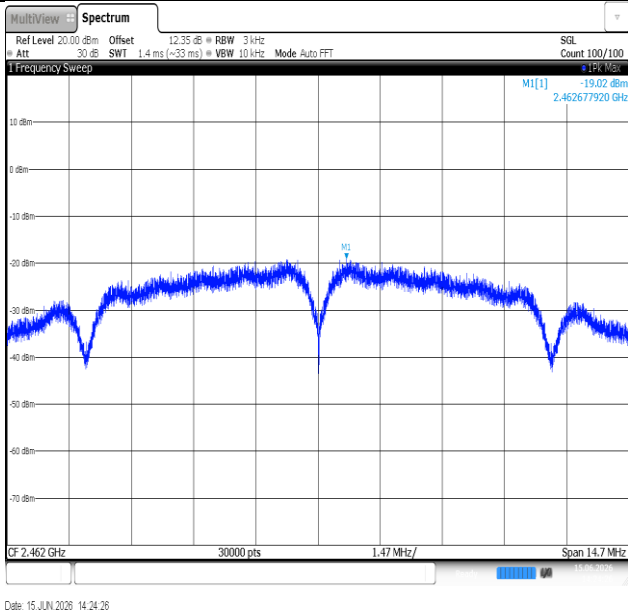
Test Graphs



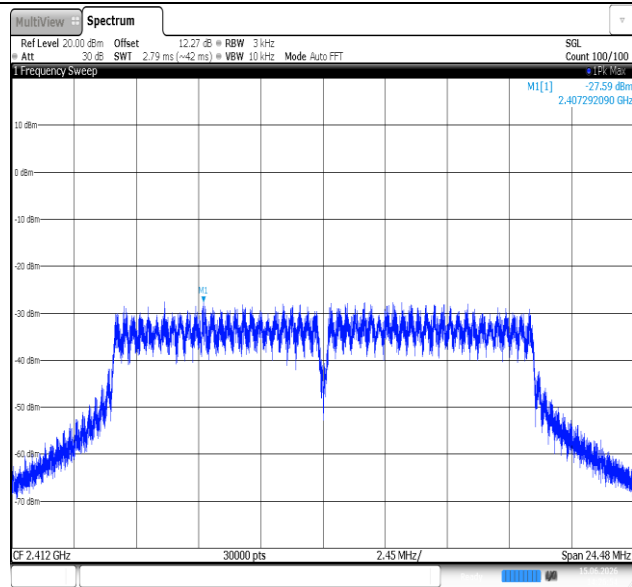
11B-Ant1-2412-PASS



11B-Ant1-2437-PASS

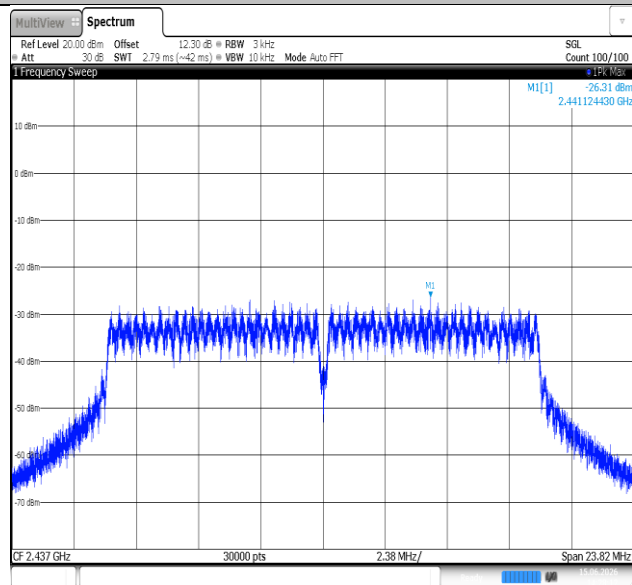


11B-Ant1-2462-PASS



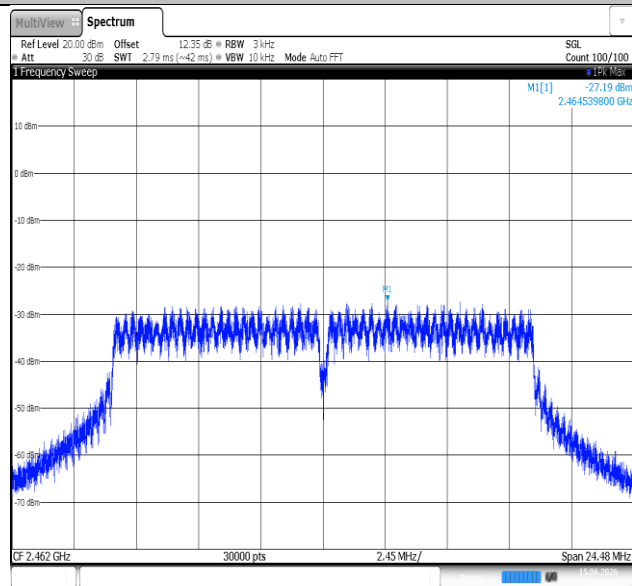
Date: 15 JUN 2026 14:26:54

### 11G-Ant1-2412-PASS



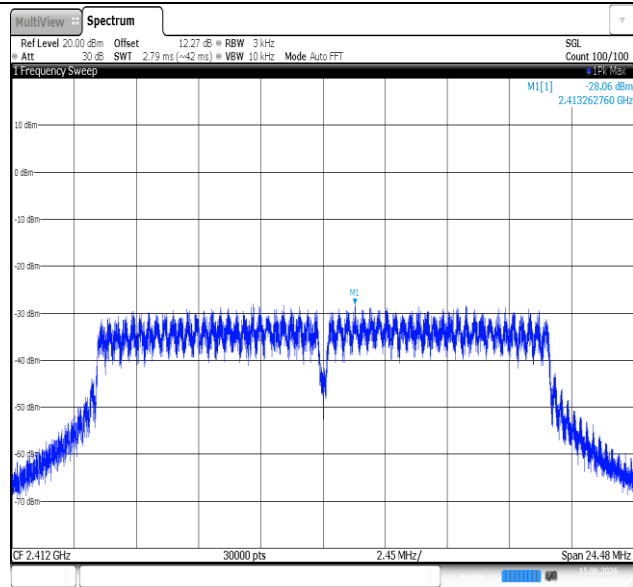
Date: 15 JUN 2026 14:28:12

### 11G-Ant1-2437-PASS



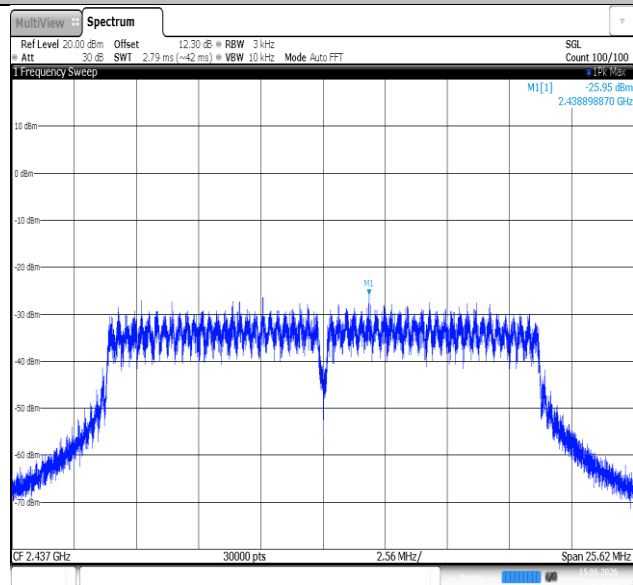
Date: 15 JUN 2026 14:29:53

### 11G-Ant1-2462-PASS



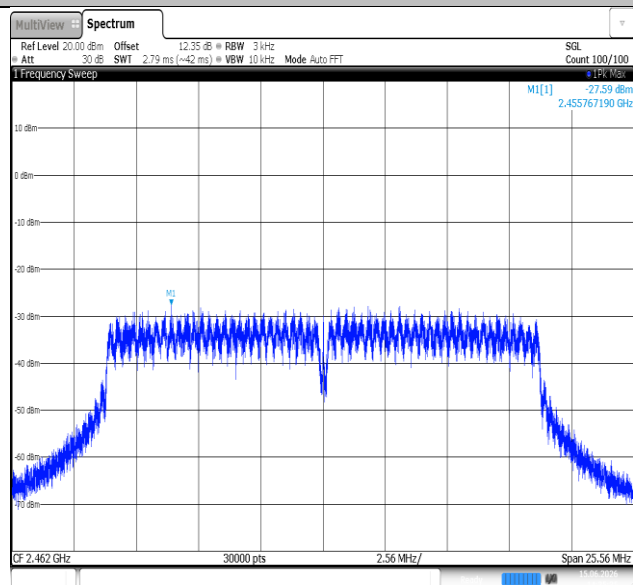
Date: 15 JUN 2026 14:32:27

### 11N20SISO-Ant1-2412-PASS



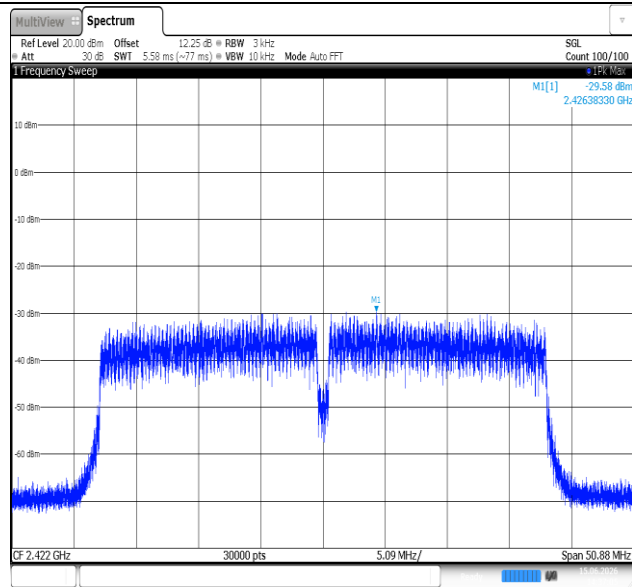
Date: 15 JUN 2026 14:34:00

### 11N20SISO-Ant1-2437-PASS



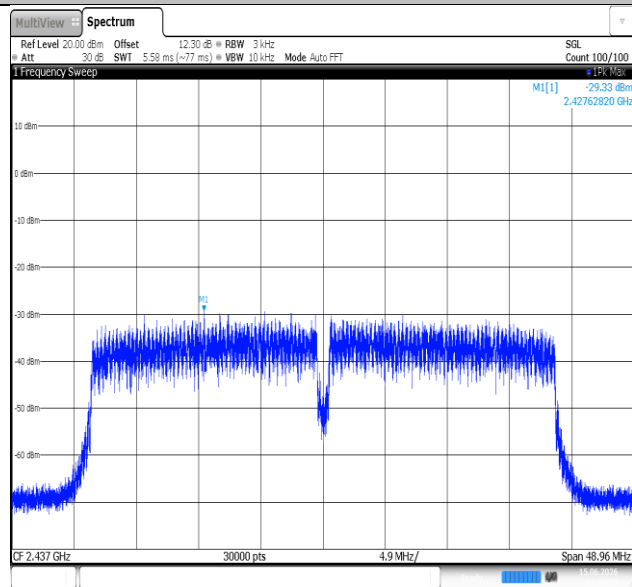
Date: 15 JUN 2026 14:35:38

### 11N20SISO-Ant1-2462-PASS



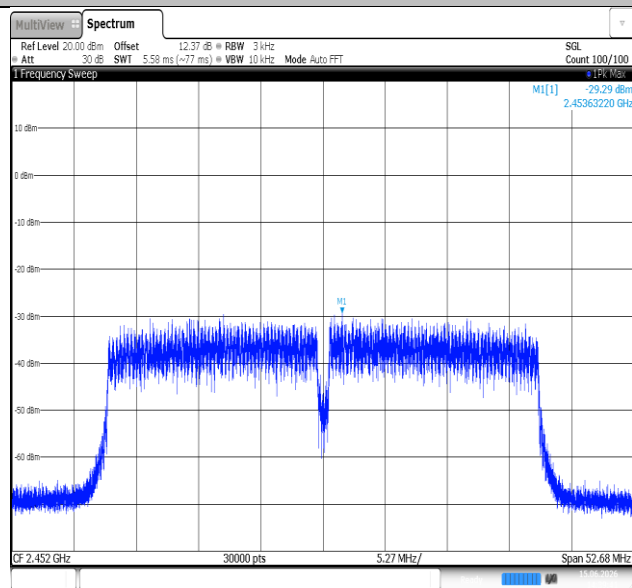
Date: 15 JUN 2026 14:37:05

### 11N40SISO-Ant1-2422-PASS



Date: 15 JUN 2026 14:38:27

### 11N40SISO-Ant1-2437-PASS



Date: 15 JUN 2026 14:39:41

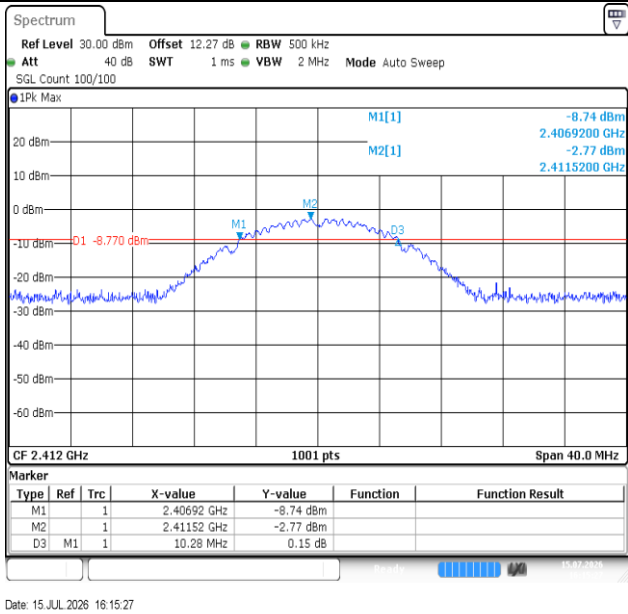
### 11N40SISO-Ant1-2452-PASS

# Appendix C: 6dB Bandwidth

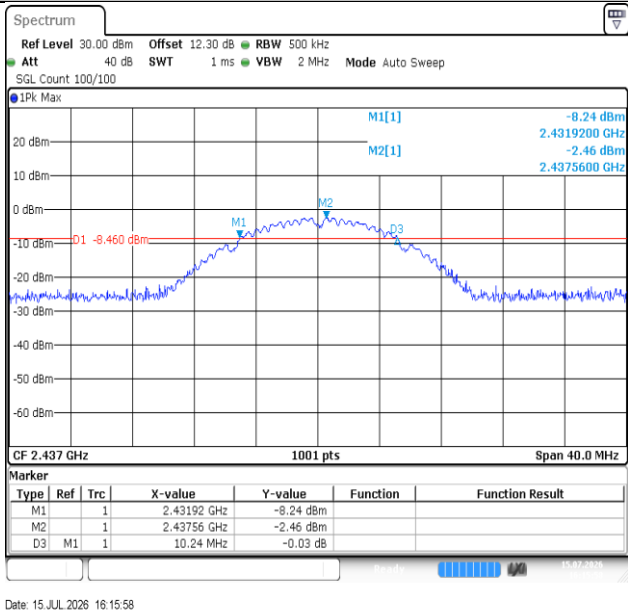
## Test Result

| TestMode  | Frequency[MHz] | 6dB Bandwidth [MHz] | Limit[MHz] | Verdict |
|-----------|----------------|---------------------|------------|---------|
| 11B       | 2412           | 10.28               | 0.5        | PASS    |
| 11B       | 2437           | 10.24               | 0.5        | PASS    |
| 11B       | 2462           | 10.24               | 0.5        | PASS    |
| 11G       | 2412           | 16.44               | 0.5        | PASS    |
| 11G       | 2437           | 16.36               | 0.5        | PASS    |
| 11G       | 2462           | 16.48               | 0.5        | PASS    |
| 11N20SISO | 2412           | 17.64               | 0.5        | PASS    |
| 11N20SISO | 2437           | 17.64               | 0.5        | PASS    |
| 11N20SISO | 2462           | 17.56               | 0.5        | PASS    |
| 11N40SISO | 2422           | 36.08               | 0.5        | PASS    |
| 11N40SISO | 2437           | 36.00               | 0.5        | PASS    |
| 11N40SISO | 2452           | 36.00               | 0.5        | PASS    |

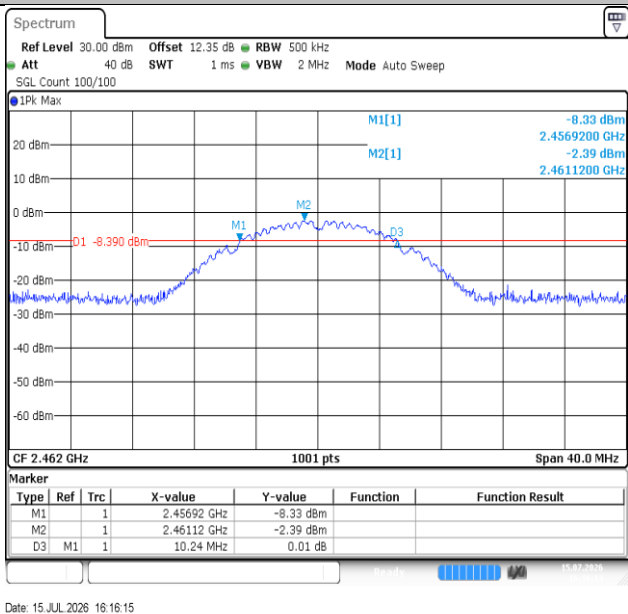
Test Graphs



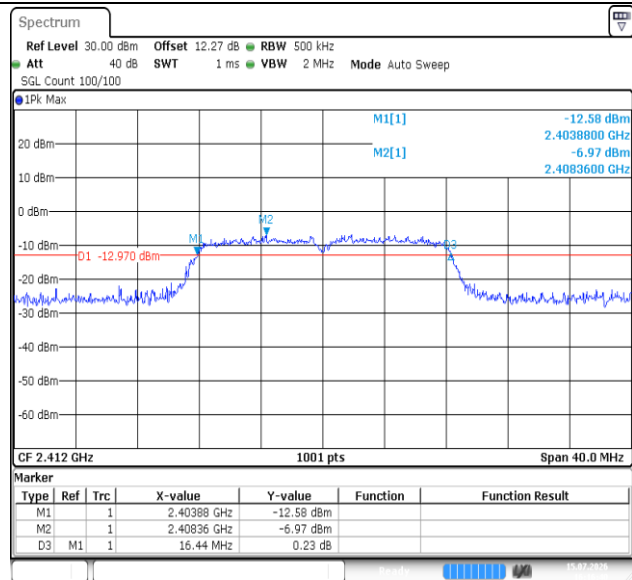
11B-Ant1-2412-PASS



11B-Ant1-2437-PASS

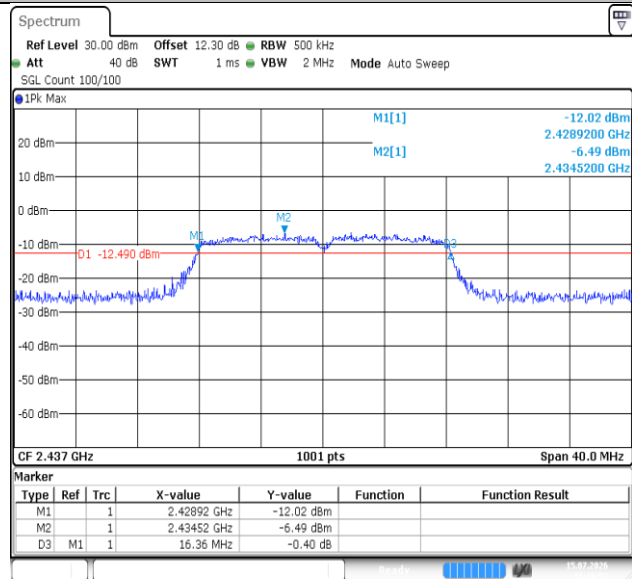


11B-Ant1-2462-PASS



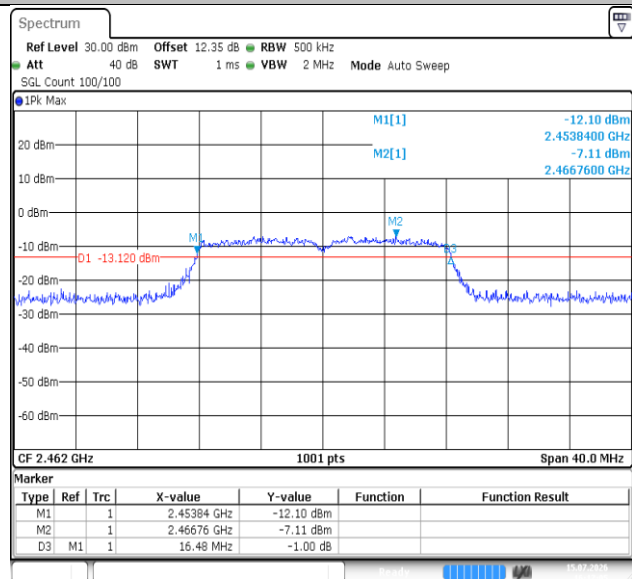
Date: 15 JUL 2026 16:16:40

### 11G-Ant1-2412-PASS



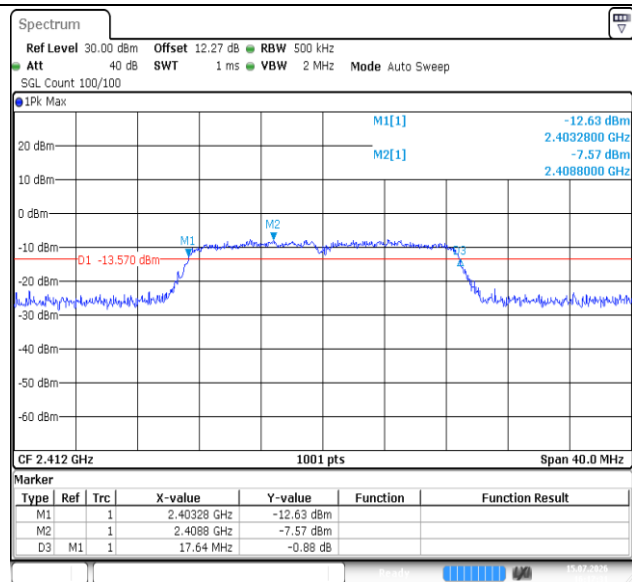
Date: 15 JUL 2026 16:16:52

### 11G-Ant1-2437-PASS



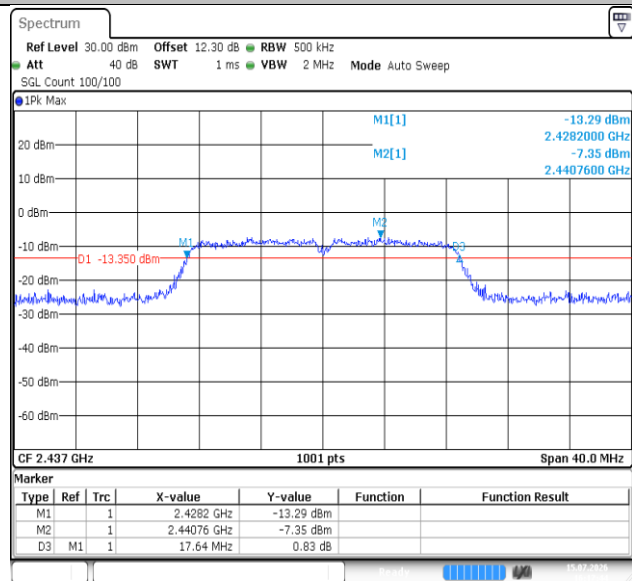
Date: 15 JUL 2026 16:17:05

### 11G-Ant1-2462-PASS



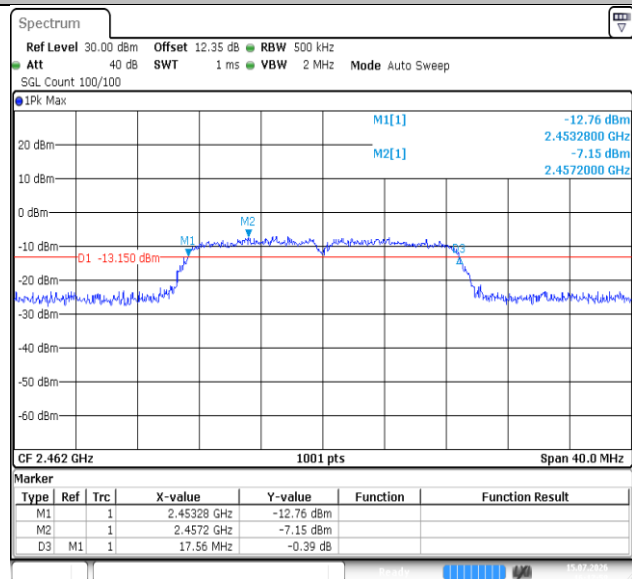
Date: 15 JUL 2026 16:17:32

### 11N20SISO-Ant1-2412-PASS



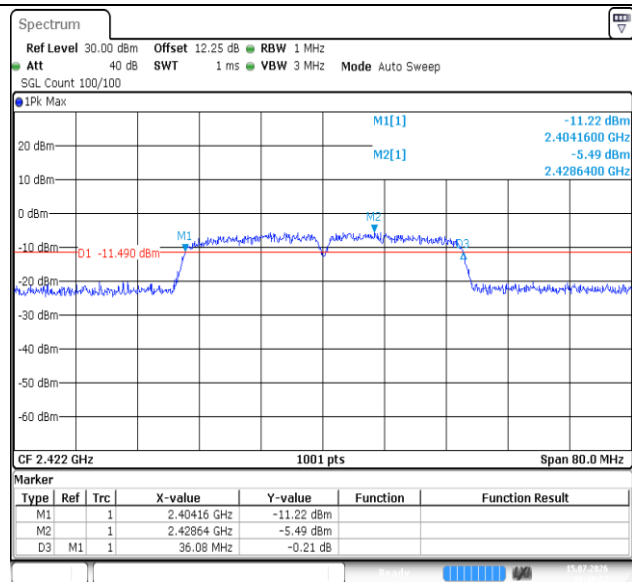
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### 11N20SISO-Ant1-2437-PASS



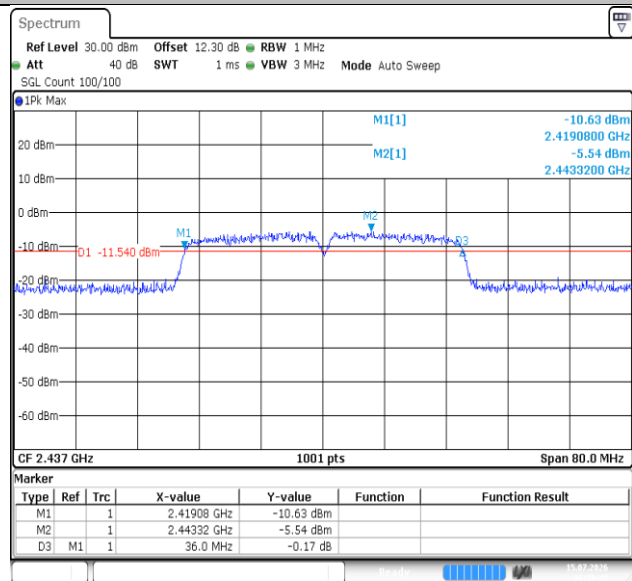
Date: 15 JUL 2026 16:17:58

### 11N20SISO-Ant1-2462-PASS



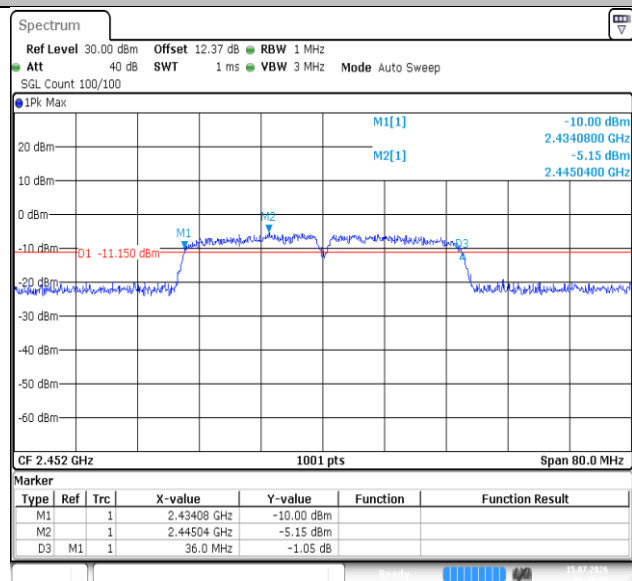
Date: 15 JUL 2026 16:18:17

### 11N40SISO-Ant1-2422-PASS



Date: 15 JUL 2026 16:18:45

### 11N40SISO-Ant1-2437-PASS



Date: 15 JUL 2026 16:18:56

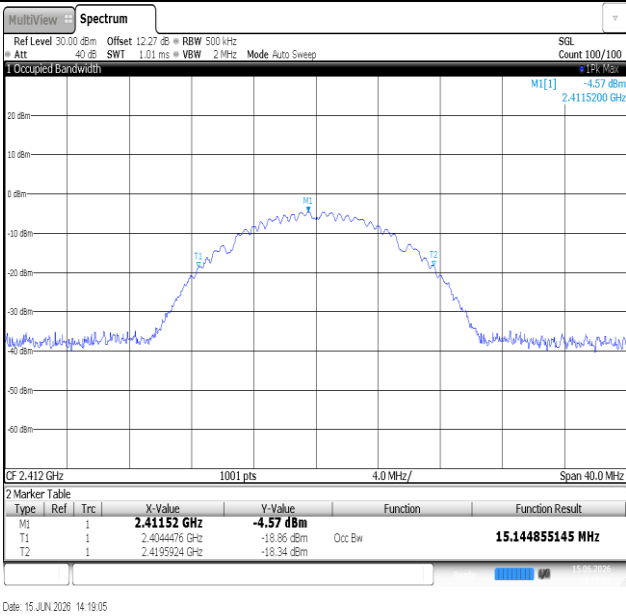
### 11N40SISO-Ant1-2452-PASS

Appendix D: 99% Occupied Bandwidth

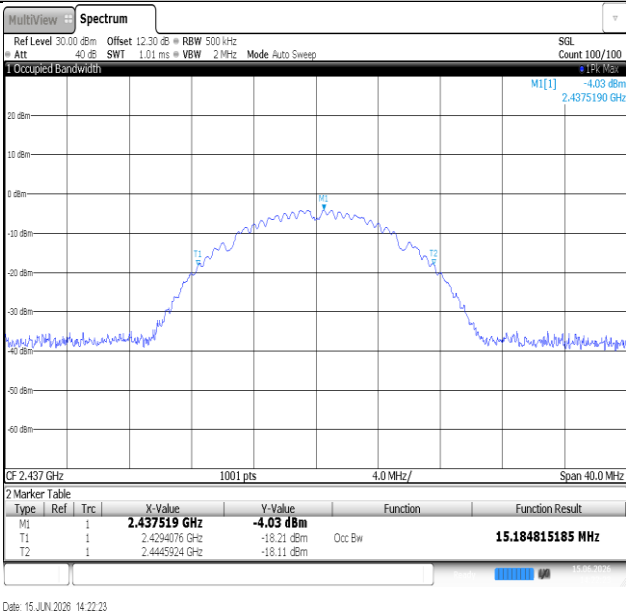
Test Result

| TestMode  | Channel<br>Frequency[MHz] | 99% Occupied Bandwidth [MHz] | Limit[MHz] | Verdict |
|-----------|---------------------------|------------------------------|------------|---------|
| 11B       | 2412                      | 15.145                       | ---        | ---     |
| 11B       | 2437                      | 15.185                       | ---        | ---     |
| 11B       | 2462                      | 15.145                       | ---        | ---     |
| 11G       | 2412                      | 17.423                       | ---        | ---     |
| 11G       | 2437                      | 17.463                       | ---        | ---     |
| 11G       | 2462                      | 17.383                       | ---        | ---     |
| 11N20SISO | 2412                      | 18.462                       | ---        | ---     |
| 11N20SISO | 2437                      | 18.382                       | ---        | ---     |
| 11N20SISO | 2462                      | 18.342                       | ---        | ---     |
| 11N40SISO | 2422                      | 36.204                       | ---        | ---     |
| 11N40SISO | 2437                      | 36.284                       | ---        | ---     |
| 11N40SISO | 2452                      | 36.284                       | ---        | ---     |

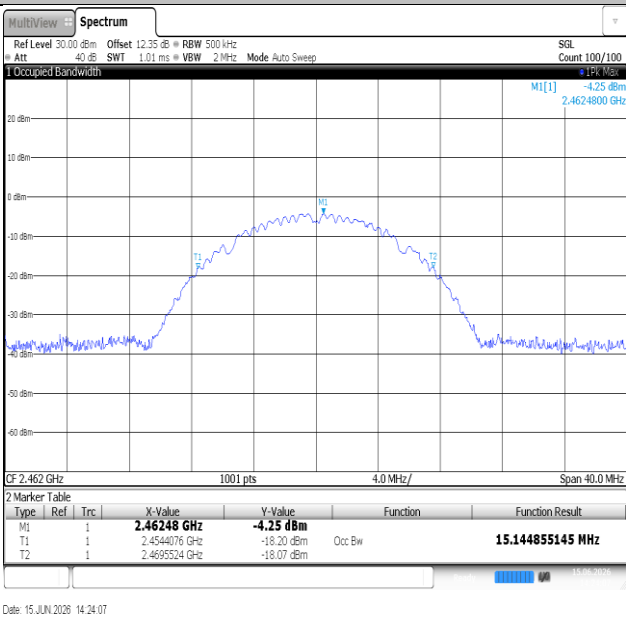
Test Graphs



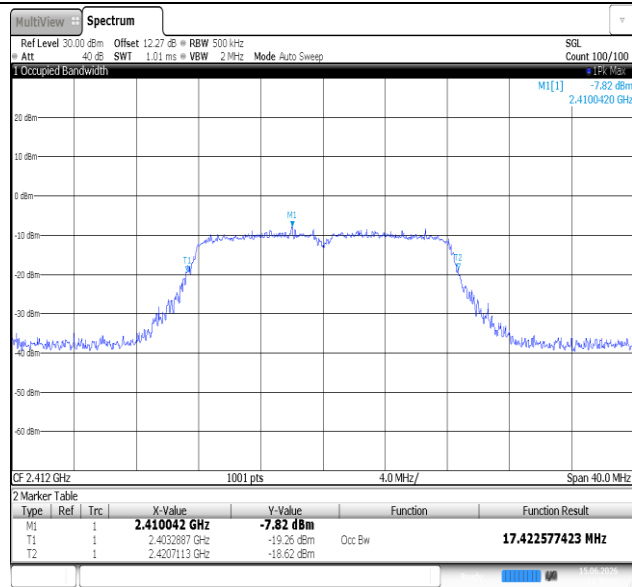
11B-Ant1-2412



11B-Ant1-2437

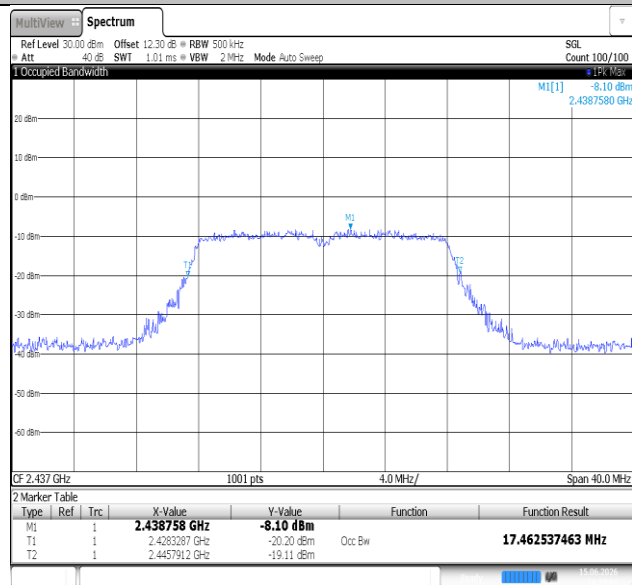


11B-Ant1-2462



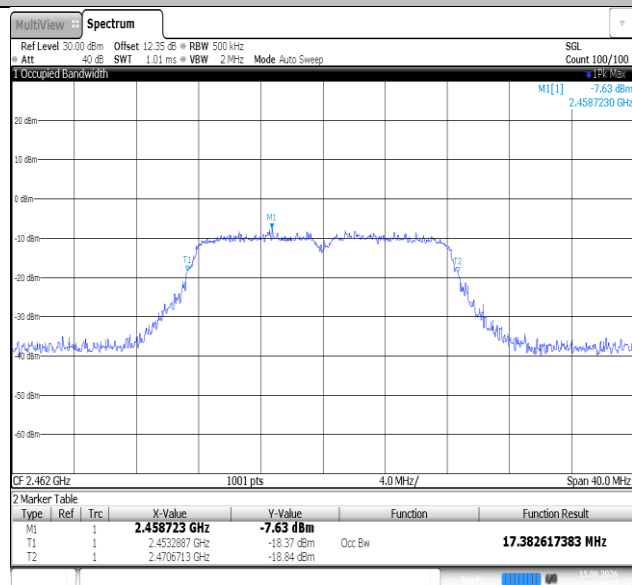
Date: 15 JUN 2026 14:26:35

### 11G-Ant1-2412



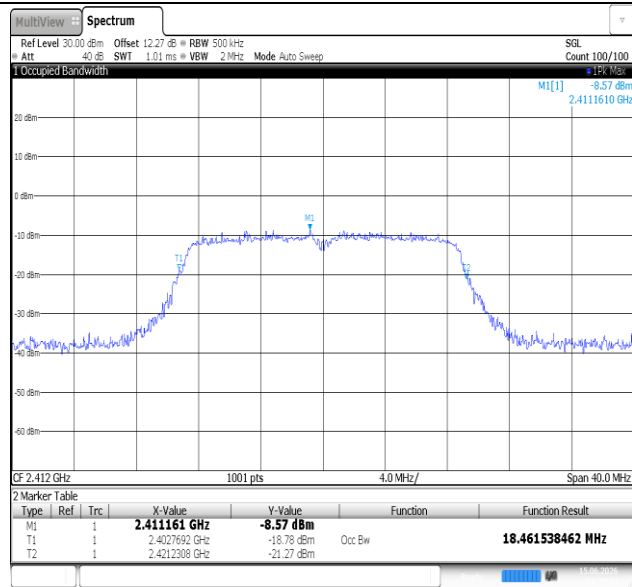
Date: 15 JUN 2026 14:27:53

### 11G-Ant1-2437



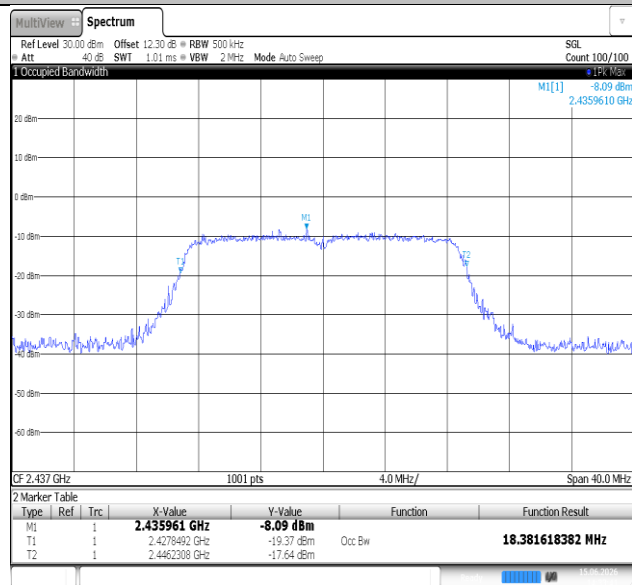
Date: 15 JUN 2026 14:29:34

### 11G-Ant1-2462



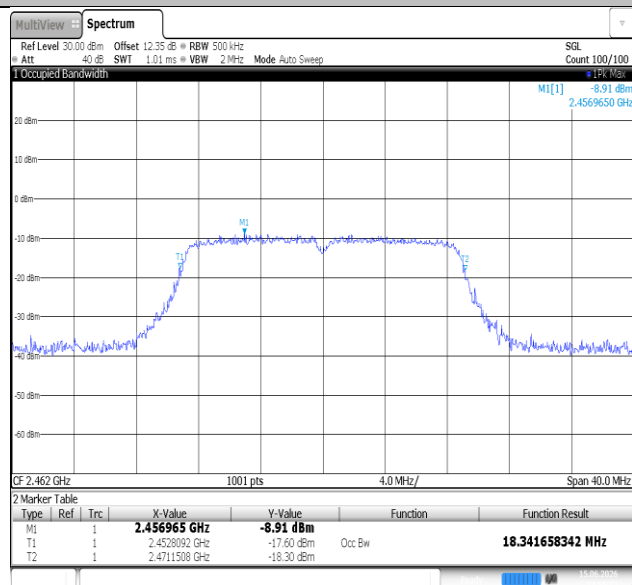
Date: 15 JUN 2026 14:32:07

### 11N20SISO-Ant1-2412



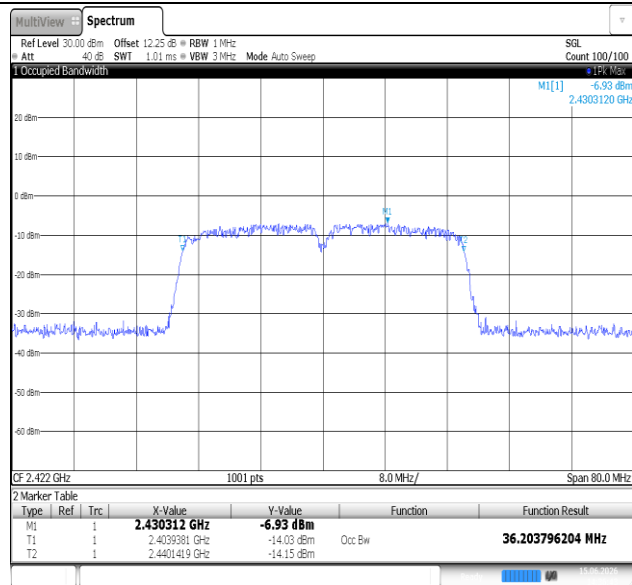
Date: 15 JUN 2026 14:33:41

### 11N20SISO-Ant1-2437



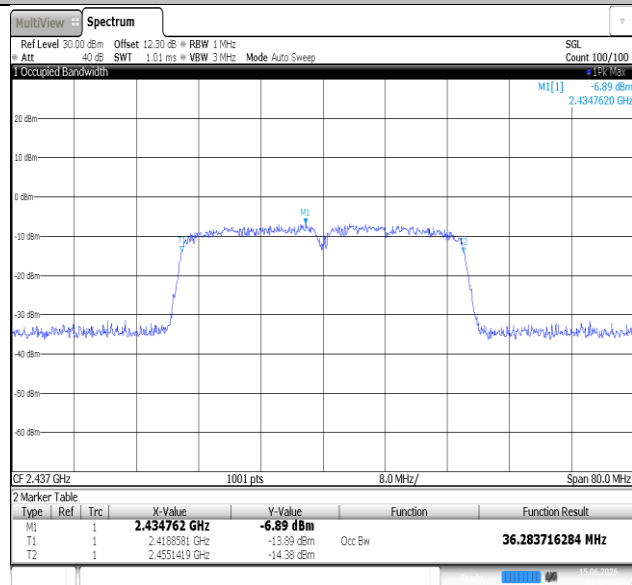
Date: 15 JUN 2026 14:35:18

### 11N20SISO-Ant1-2462



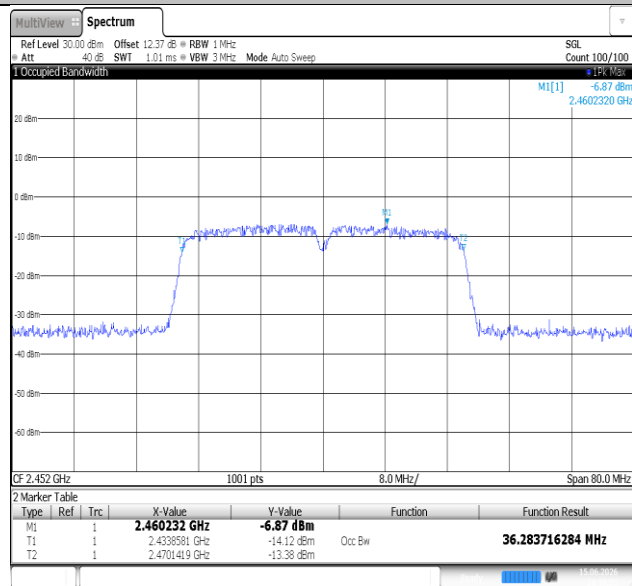
Date: 15 JUN 2026 14:38:44

### 11N40SISO-Ant1-2422



Date: 15 JUN 2026 14:38:06

### 11N40SISO-Ant1-2437



Date: 15 JUN 2026 14:39:22

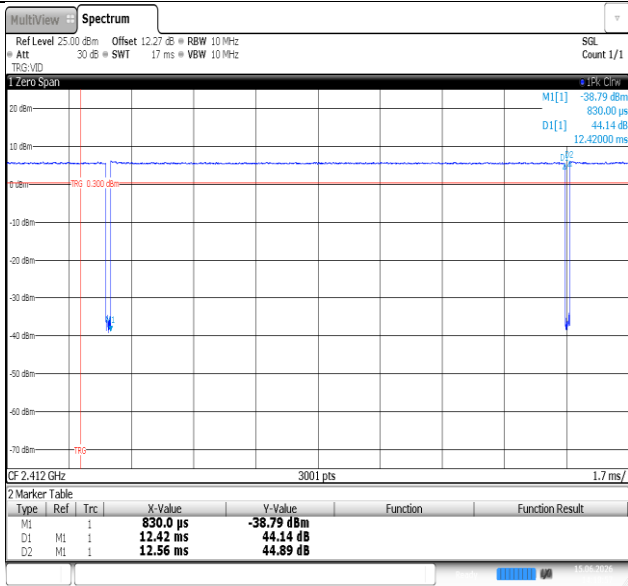
### 11N40SISO-Ant1-2452

## Appendix E: Duty Cycle

### Test Result

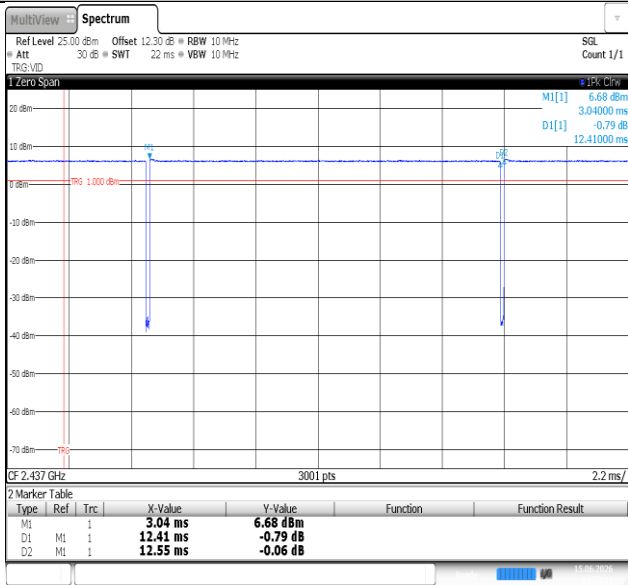
| TestMode  | Frequency[MHz] | Transmission<br>Duration [ms] | Transmission<br>Period [ms] | Duty Cycle<br>[%] | Factor |
|-----------|----------------|-------------------------------|-----------------------------|-------------------|--------|
| 11B       | 2412           | 12.42                         | 12.56                       | 98.89             | 0.05   |
| 11B       | 2437           | 12.41                         | 12.55                       | 98.88             | 0.05   |
| 11B       | 2462           | 12.41                         | 12.54                       | 98.96             | 0.05   |
| 11G       | 2412           | 2.06                          | 2.19                        | 94.06             | 0.27   |
| 11G       | 2437           | 2.07                          | 2.20                        | 94.09             | 0.26   |
| 11G       | 2462           | 2.06                          | 2.19                        | 94.06             | 0.27   |
| 11N20SISO | 2412           | 1.92                          | 2.05                        | 93.66             | 0.28   |
| 11N20SISO | 2437           | 1.92                          | 2.05                        | 93.66             | 0.28   |
| 11N20SISO | 2462           | 1.92                          | 2.05                        | 93.66             | 0.28   |
| 11N40SISO | 2422           | 0.95                          | 1.08                        | 87.96             | 0.56   |
| 11N40SISO | 2437           | 0.94                          | 1.07                        | 87.85             | 0.56   |
| 11N40SISO | 2452           | 0.94                          | 1.07                        | 87.85             | 0.56   |

Test Graphs



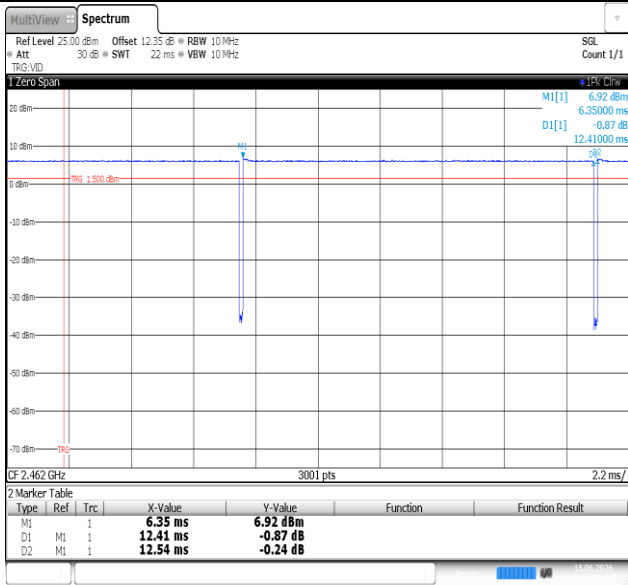
Date: 15 JUN 2026 14:18:57

NTNV-11B-Ant1-2412



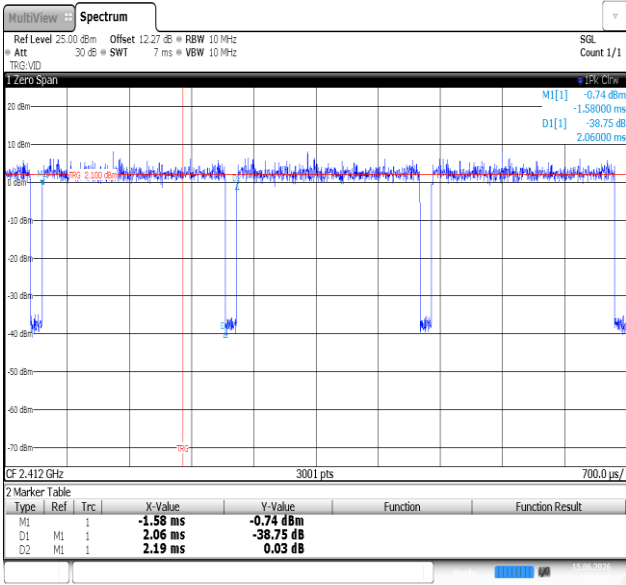
Date: 15 JUN 2026 14:22:15

NTNV-11B-Ant1-2437



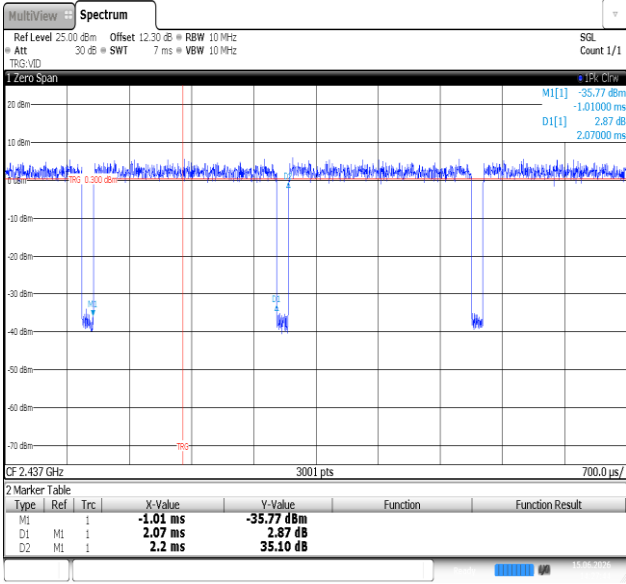
Date: 15 JUN 2026 14:23:59

NTNV-11B-Ant1-2462



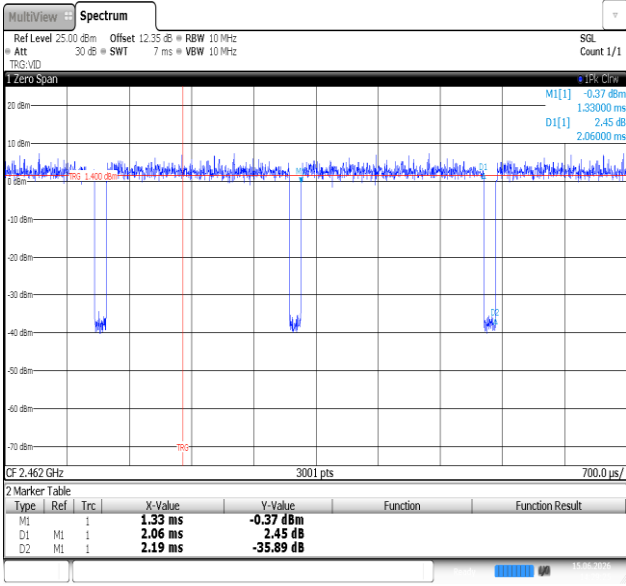
Date: 15 JUN 2026 14:26:27

NTNV-11G-Ant1-2412



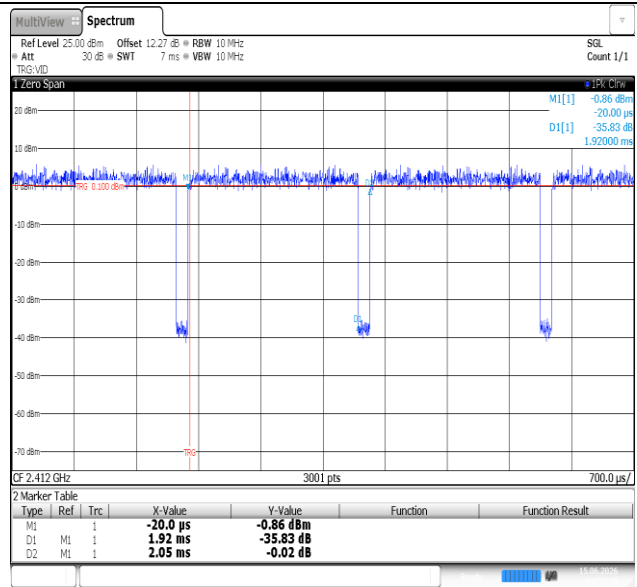
Date: 15 JUN 2026 14:27:45

NTNV-11G-Ant1-2437



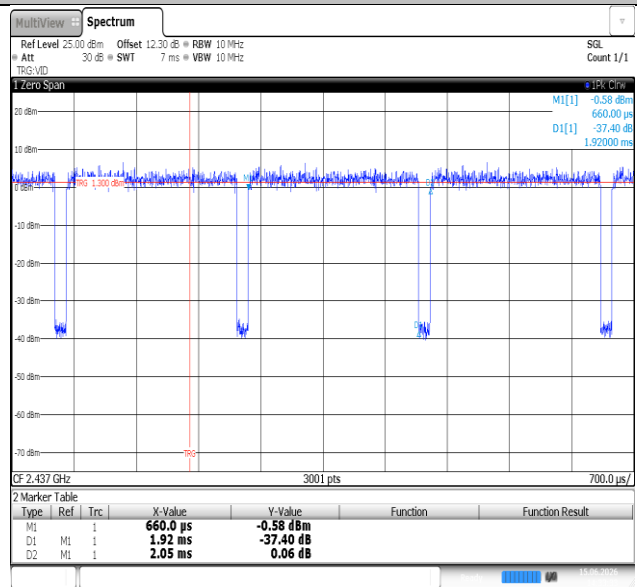
Date: 15 JUN 2026 14:29:25

NTNV-11G-Ant1-2462



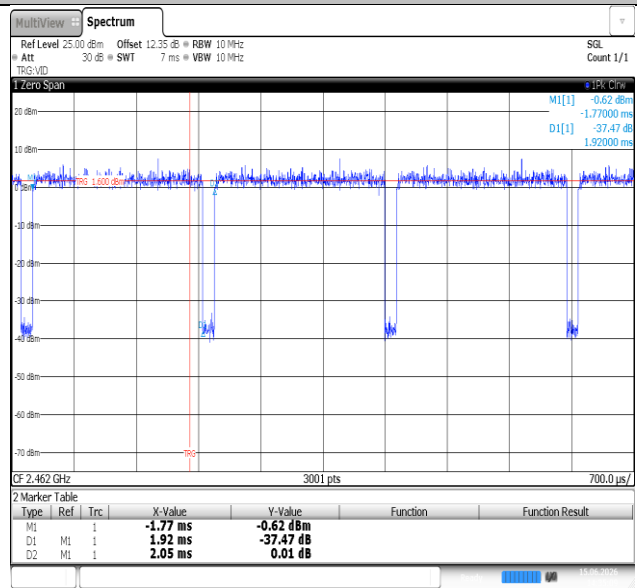
Date: 15 JUN 2026 14:31:59

### NTNV-11N20SISO-Ant1-2412



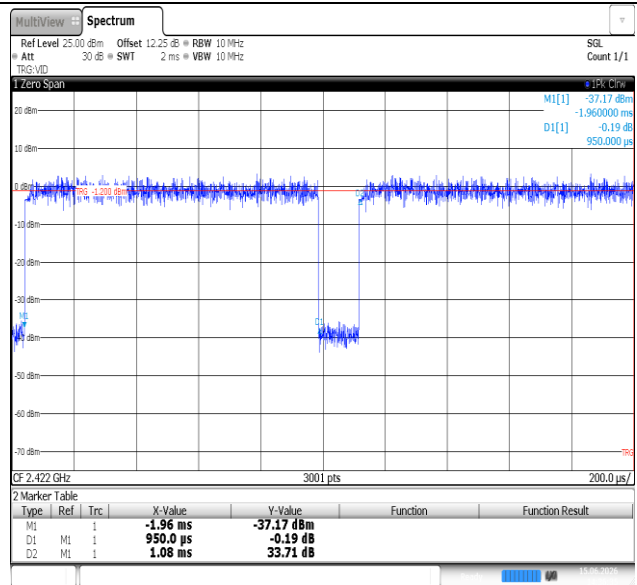
Date: 15 JUN 2026 14:33:33

### NTNV-11N20SISO-Ant1-2437



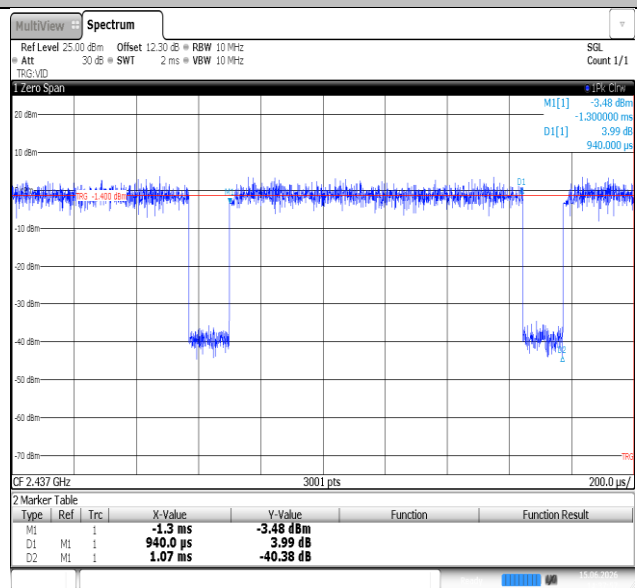
Date: 15 JUN 2026 14:35:09

### NTNV-11N20SISO-Ant1-2462



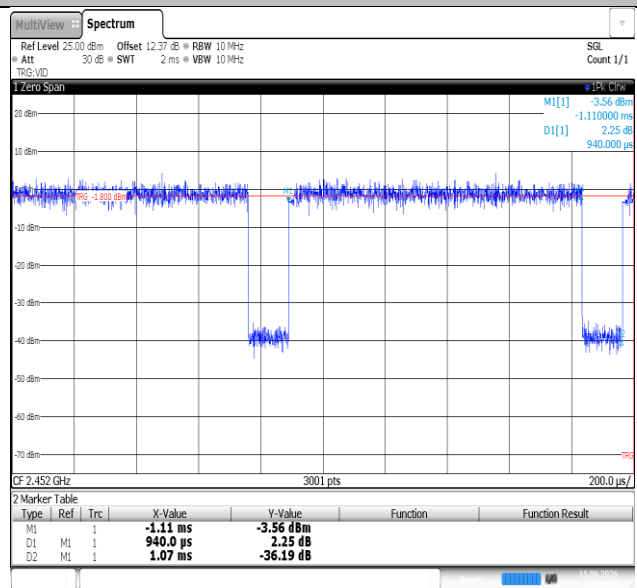
Date: 15 JUN 2020 14:36:35

### NTNV-11N40SISO-Ant1-2422



Date: 15 JUN 2020 14:37:57

### NTNV-11N40SISO-Ant1-2437

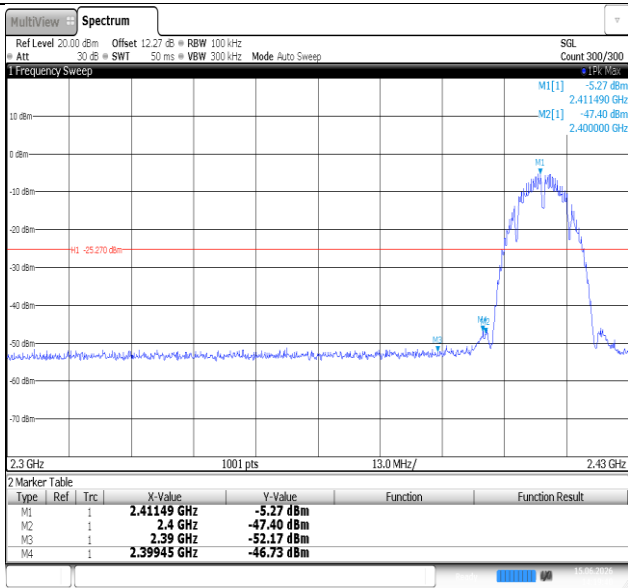


Date: 15 JUN 2020 14:39:14

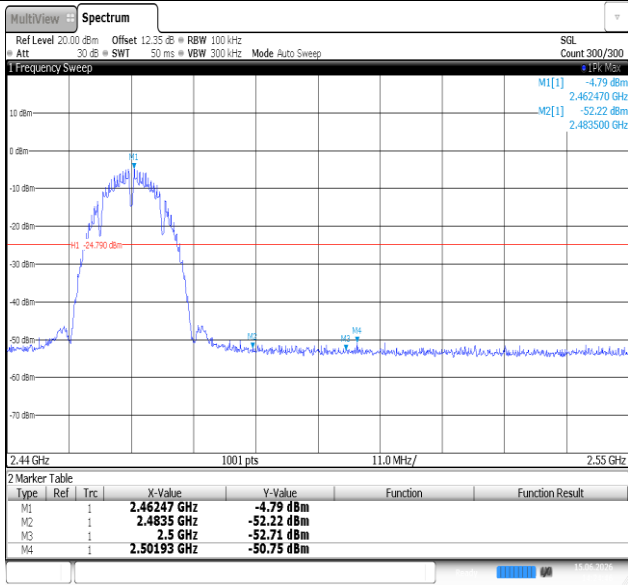
### NTNV-11N40SISO-Ant1-2452

# Appendix F: Band edge and Spurious Emission(Conducted)

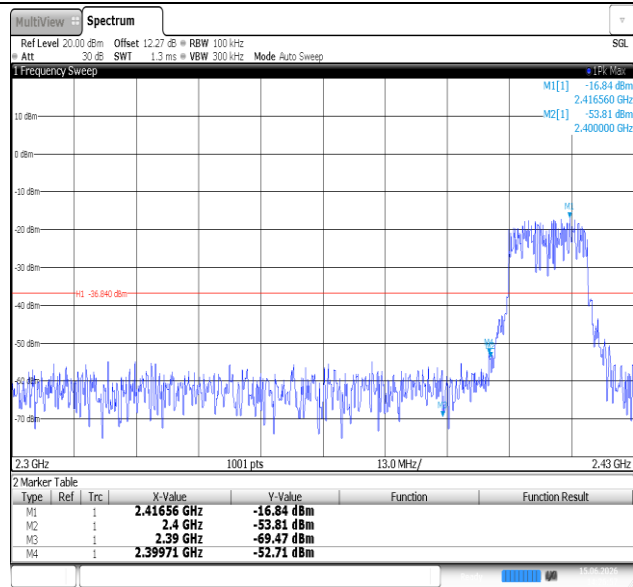
## Test Graphs



11B-Ant1-2412-PASS

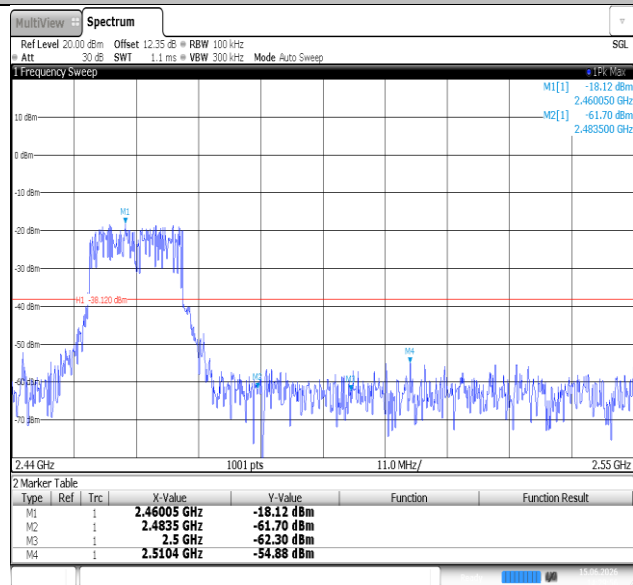


11B-Ant1-2462-PASS



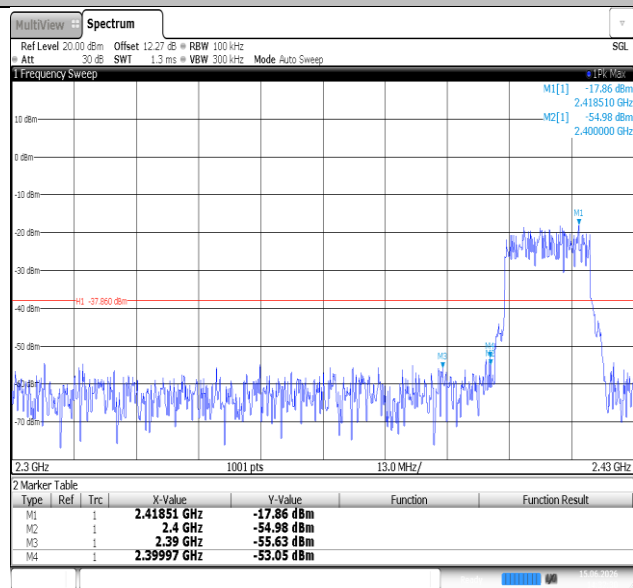
Date: 15 JUN 2026 14:26:58

### 11G-Ant1-2412-PASS



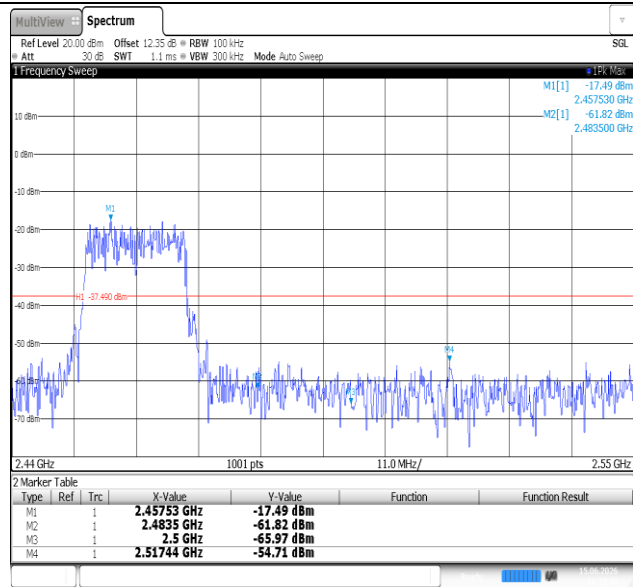
Date: 15 JUN 2026 14:29:58

### 11G-Ant1-2462-PASS



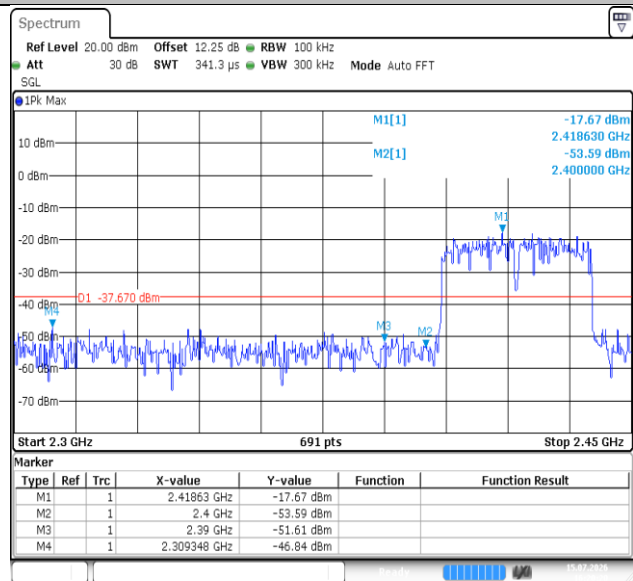
Date: 15 JUN 2026 14:32:30

### 11N20SISO-Ant1-2412-PASS



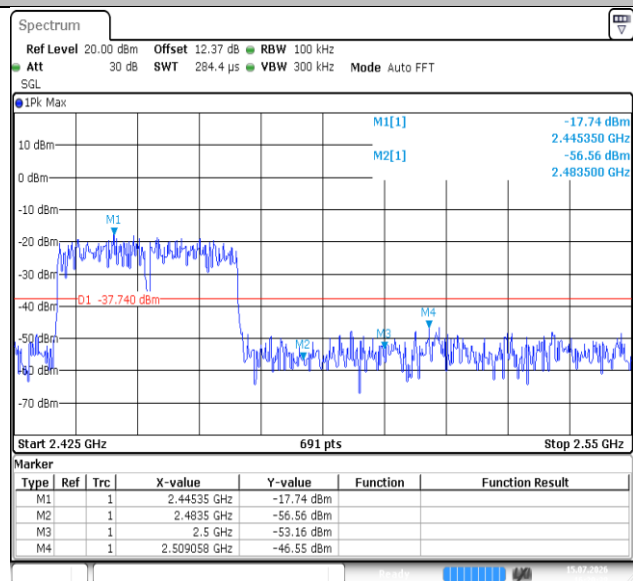
Date: 15 JUN 2026 14:35:39

### 11N20SISO-Ant1-2462-PASS



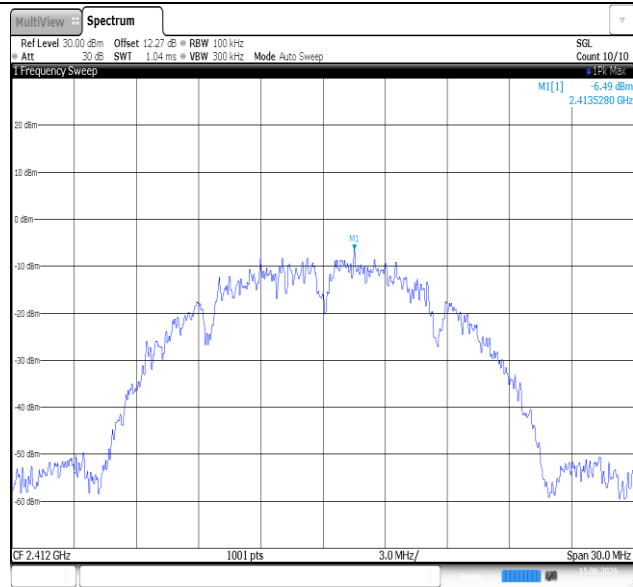
Date: 15 JUL 2026 16:20:20

### 11N40SISO-Ant1-2422-PASS



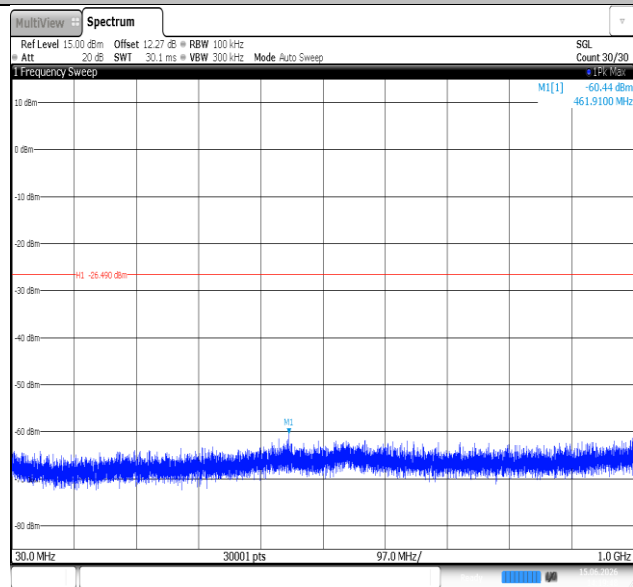
Date: 15 JUL 2026 16:20:39

### 11N40SISO-Ant1-2452-PASS



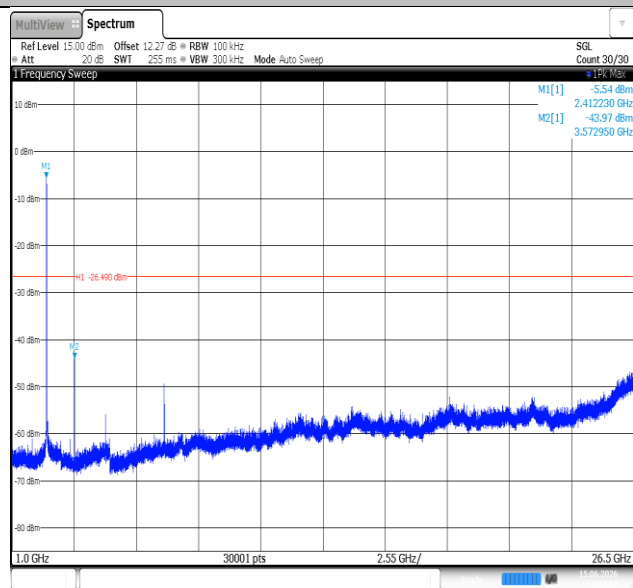
Date: 15 JUN 2026 14:19:44

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



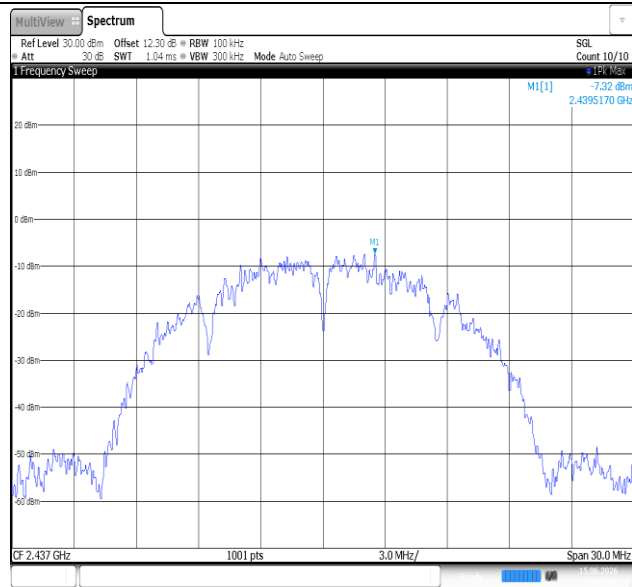
Date: 15 JUN 2026 14:19:48

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



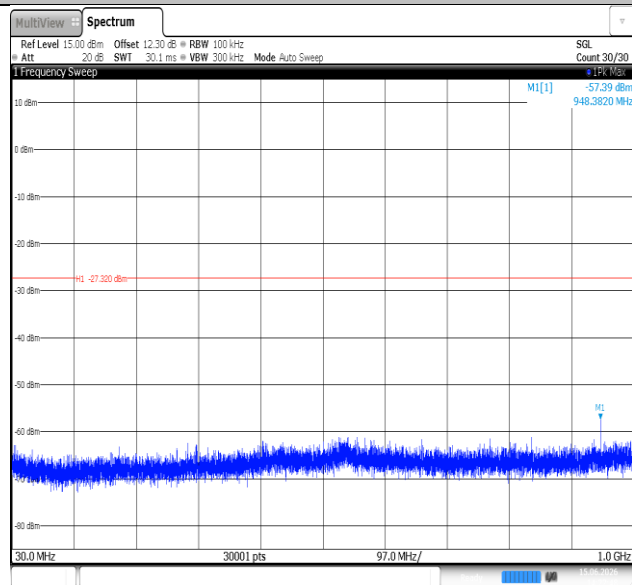
Date: 15 JUN 2026 14:20:03

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



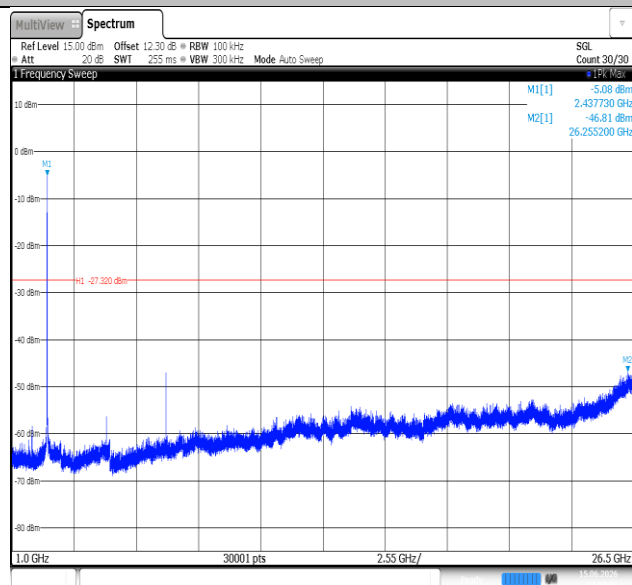
Date: 15 JUN 2026 14:22:43

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



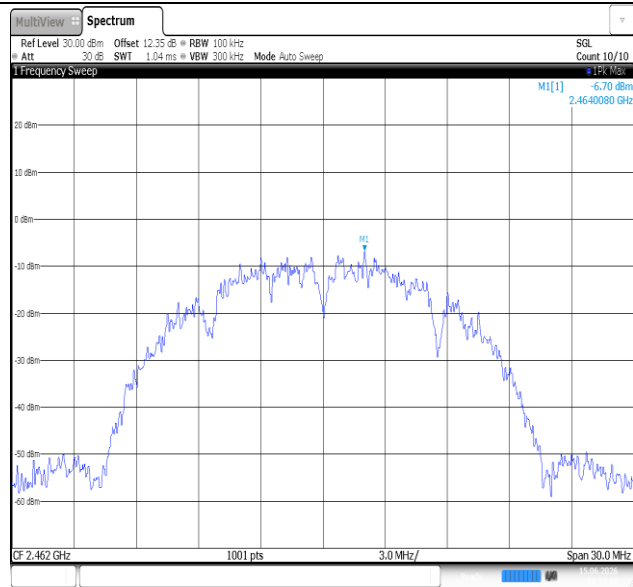
Date: 15 JUN 2026 14:22:48

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



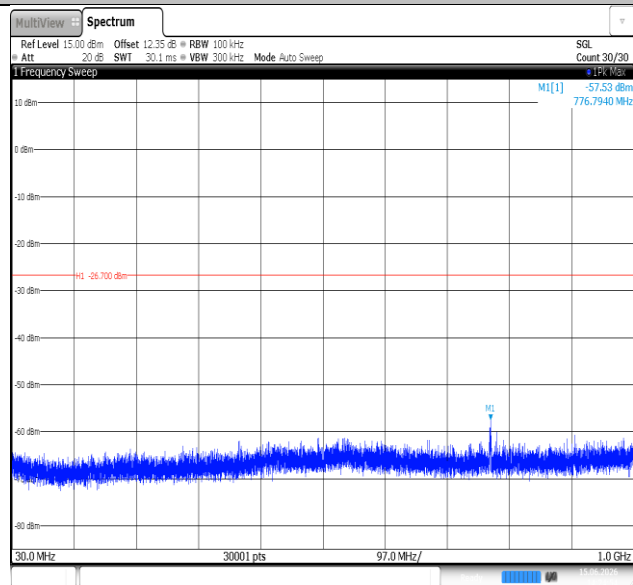
Date: 15 JUN 2026 14:23:02

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



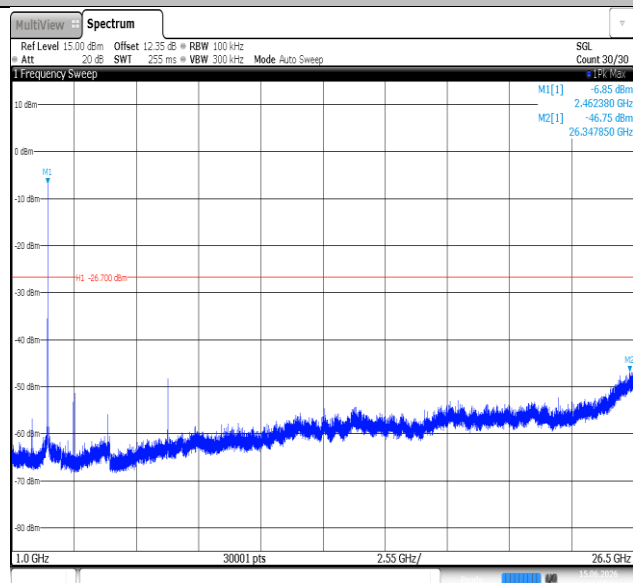
Date: 15 JUN 2026 14:24:49

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



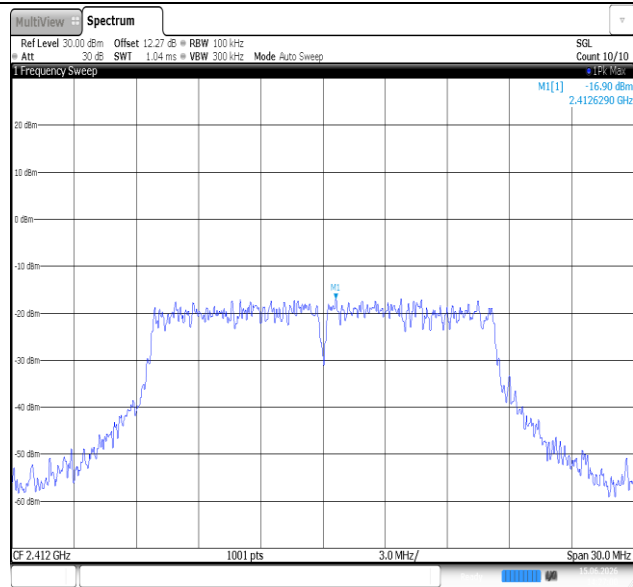
Date: 15 JUN 2026 14:24:54

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



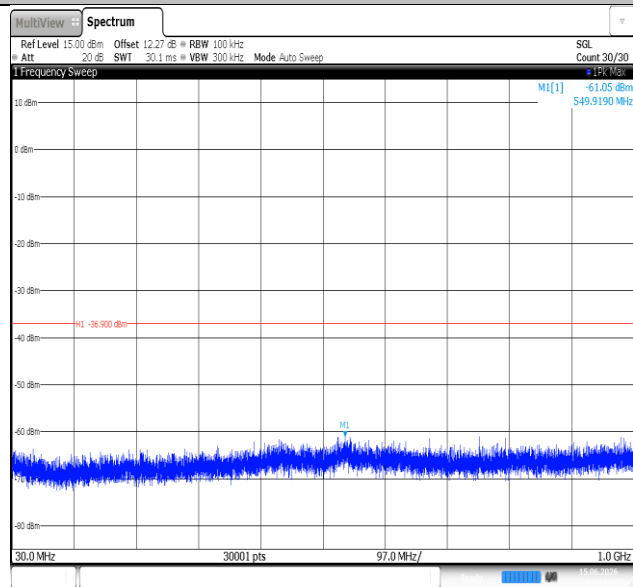
Date: 15 JUN 2026 14:25:08

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



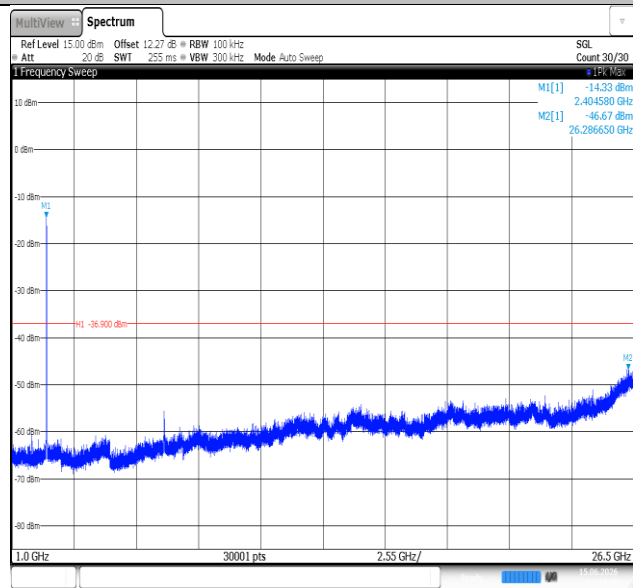
Date: 15 JUN 2026 14:27:01

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



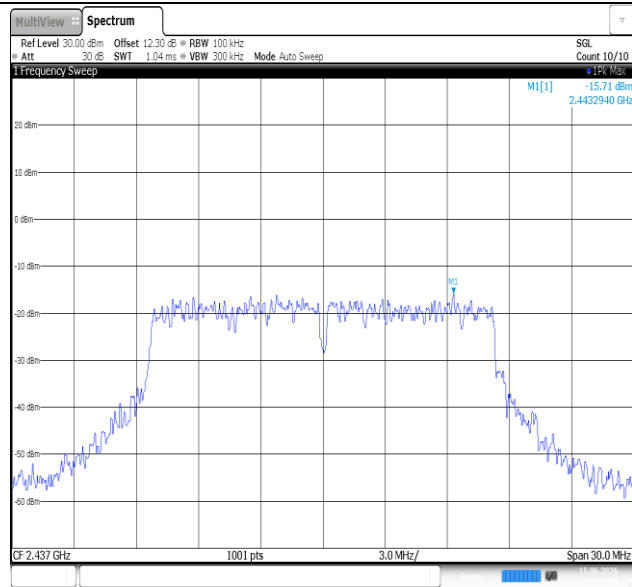
Date: 15 JUN 2026 14:27:06

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



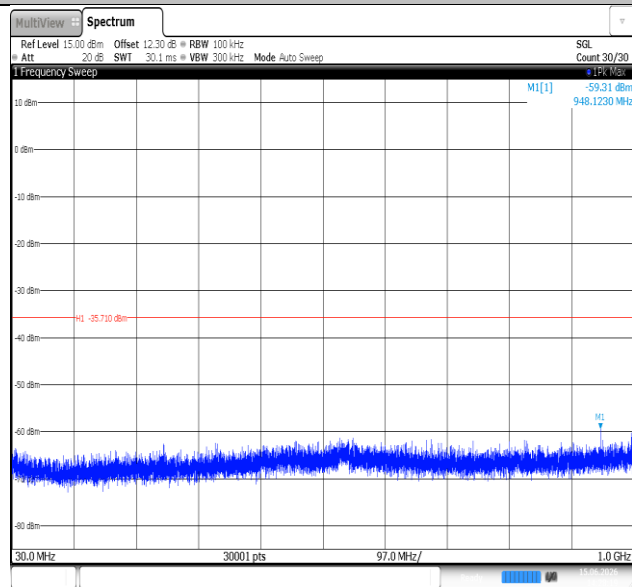
Date: 15 JUN 2026 14:27:20

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



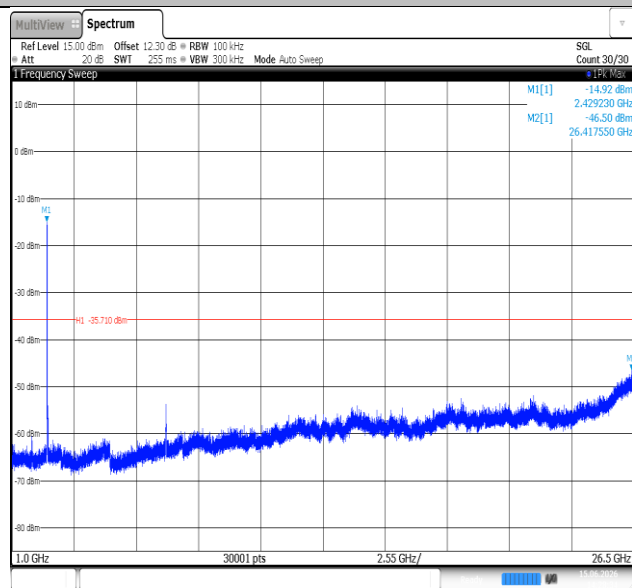
Date: 15 JUN 2026 14:28:15

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



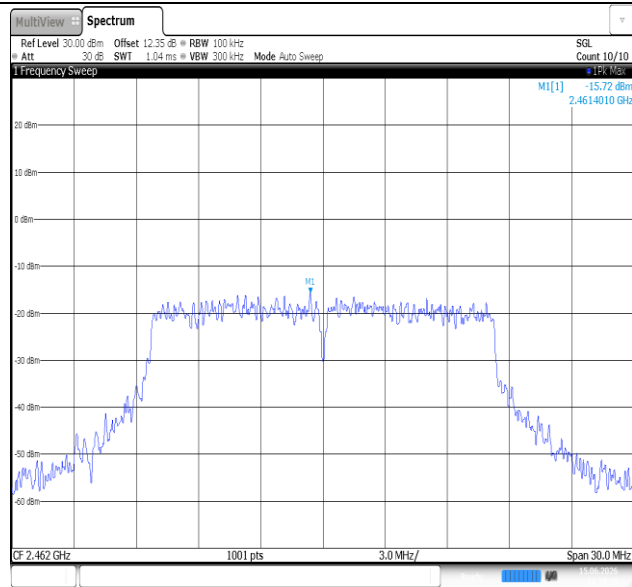
Date: 15 JUN 2026 14:28:20

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



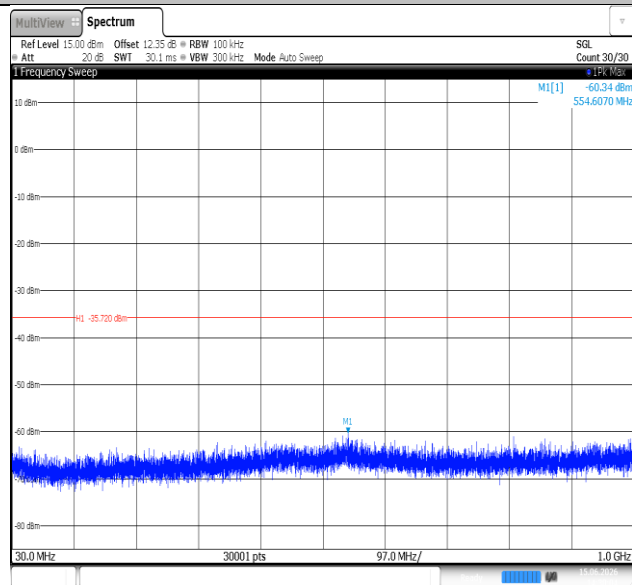
Date: 15 JUN 2026 14:28:34

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



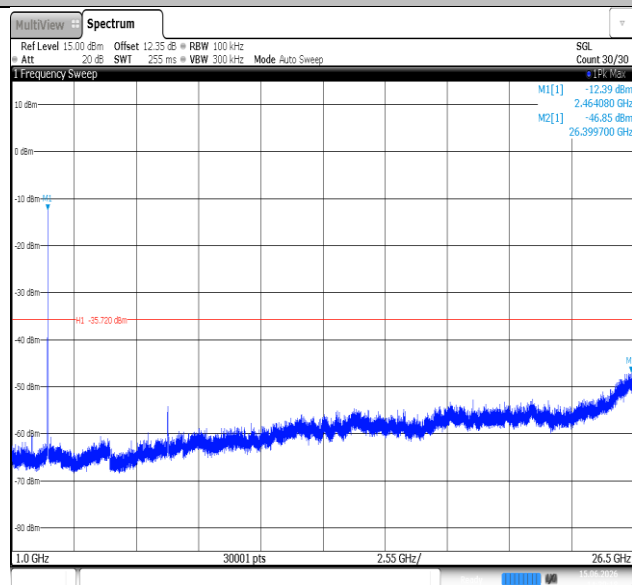
Date: 15 JUN 2026 14:29:59

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



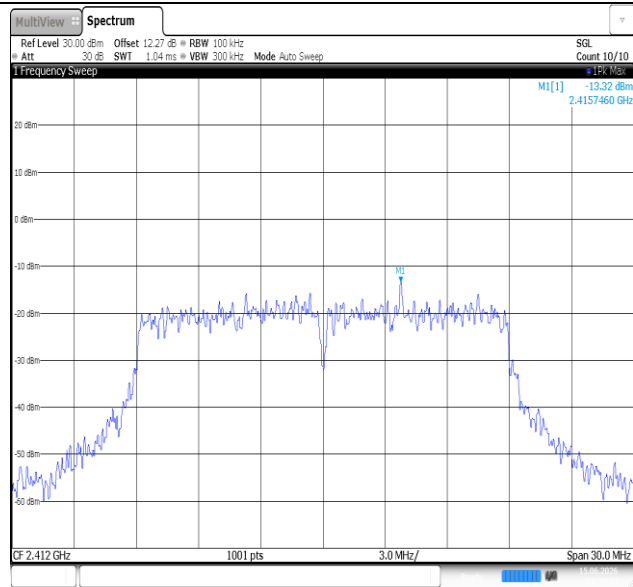
Date: 15 JUN 2026 14:30:04

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



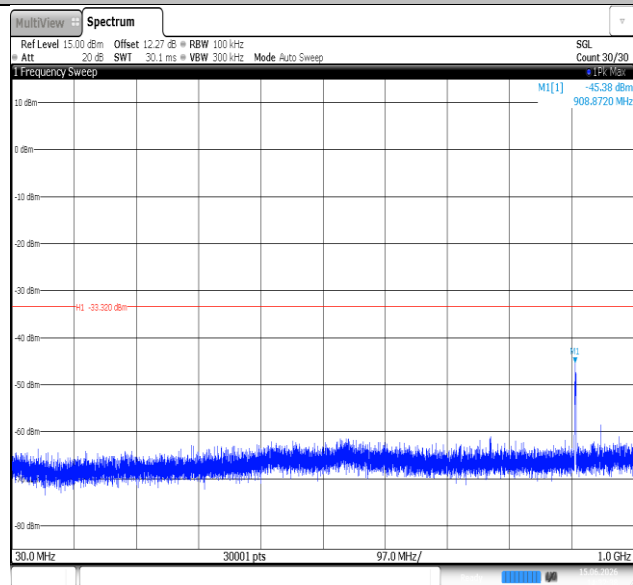
Date: 15 JUN 2026 14:30:18

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



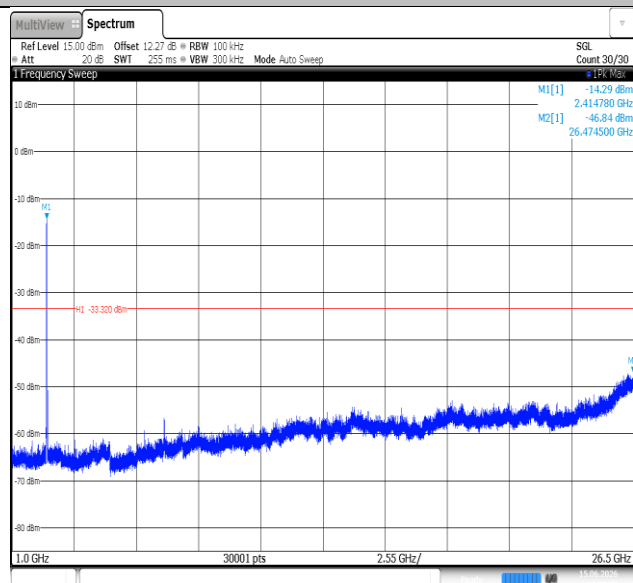
Date: 15 JUN 2026 14:32:33

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



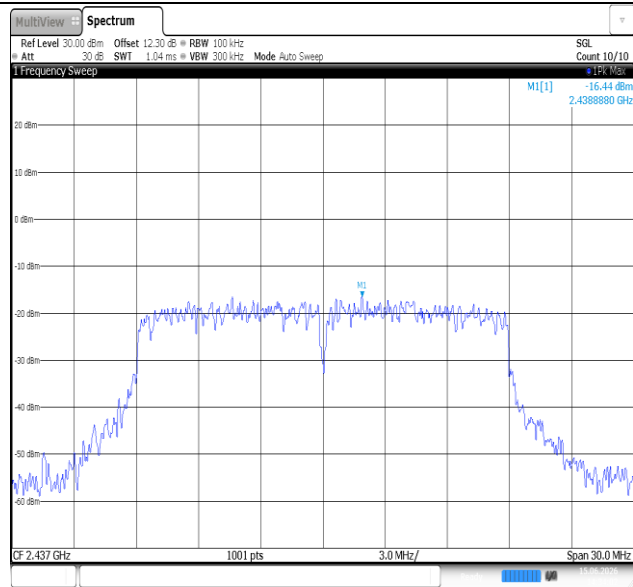
Date: 15 JUN 2026 14:32:38

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



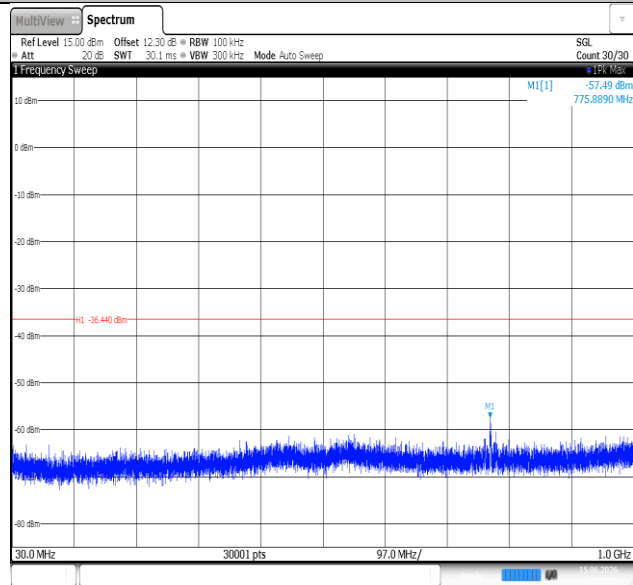
Date: 15 JUN 2026 14:32:52

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



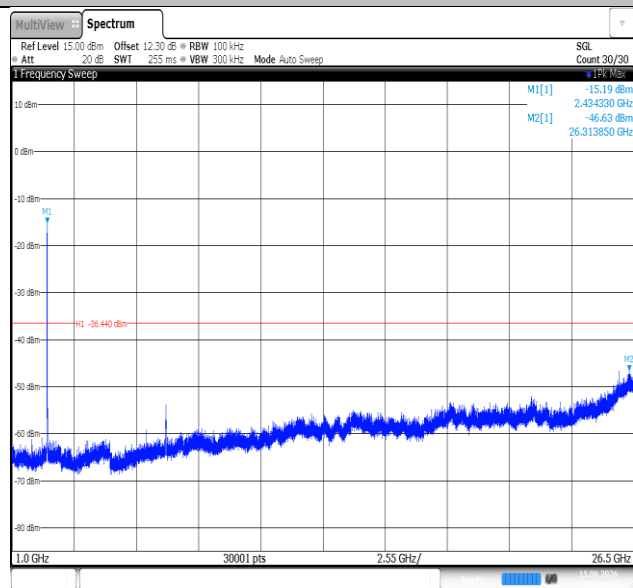
Date: 15 JUN 2026 14:34:03

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



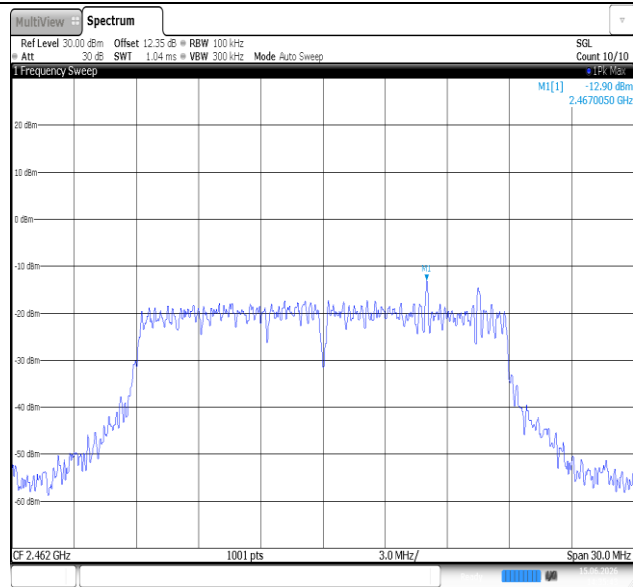
Date: 15 JUN 2026 14:34:08

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



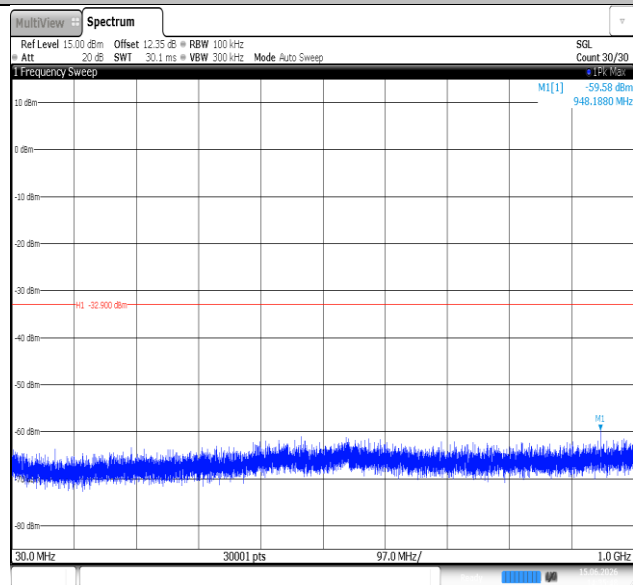
Date: 15 JUN 2026 14:34:22

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



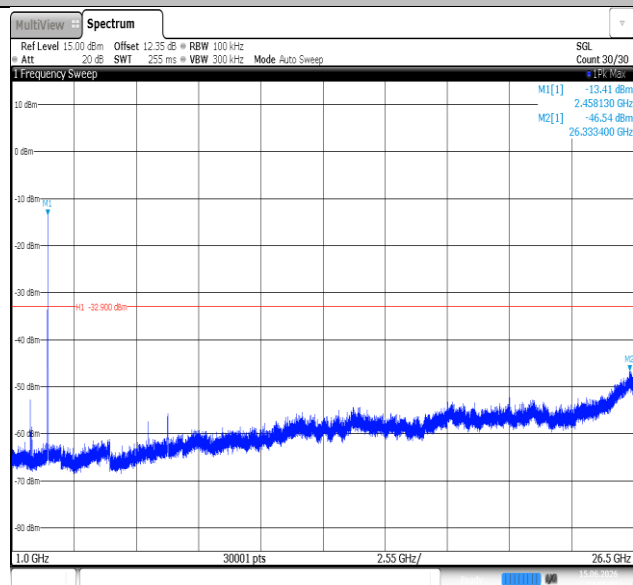
Date: 15 JUN 2026 14:35:43

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



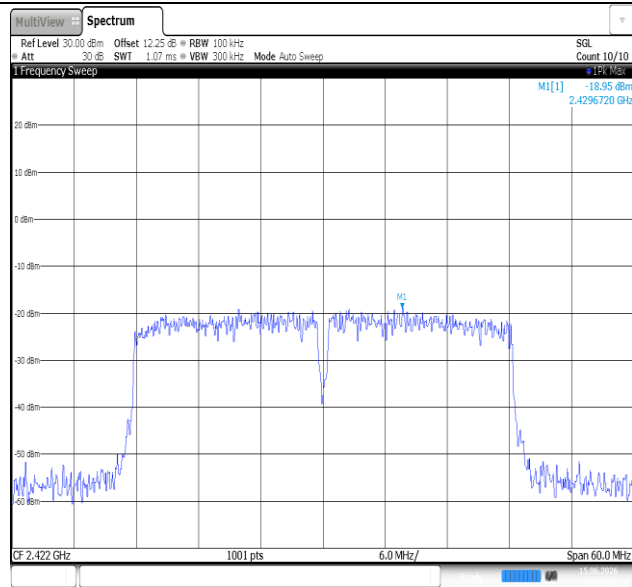
Date: 15 JUN 2026 14:35:47

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



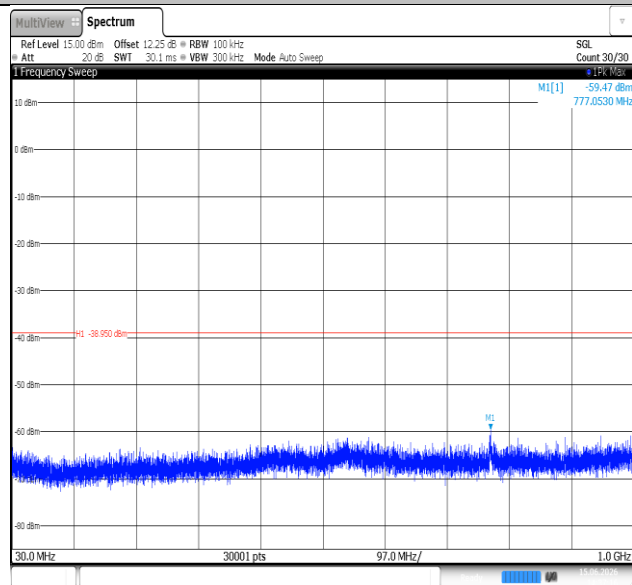
Date: 15 JUN 2026 14:36:02

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



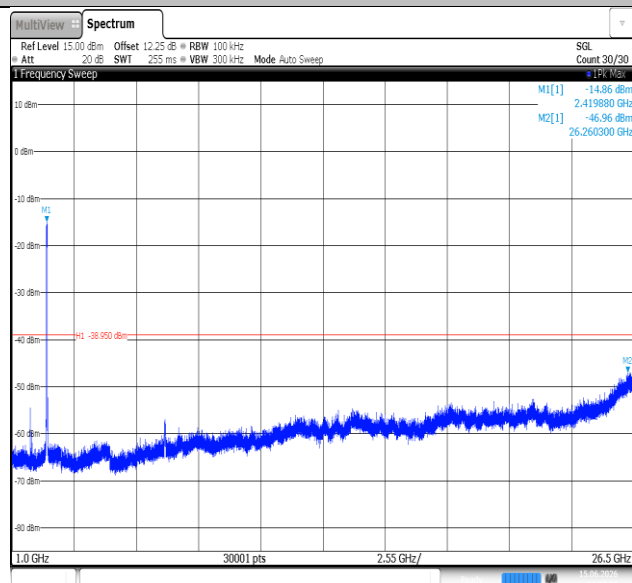
Date: 15 JUN 2026 14:37:11

### 11N40SISO-Ant1-2422-0~Reference-PASS



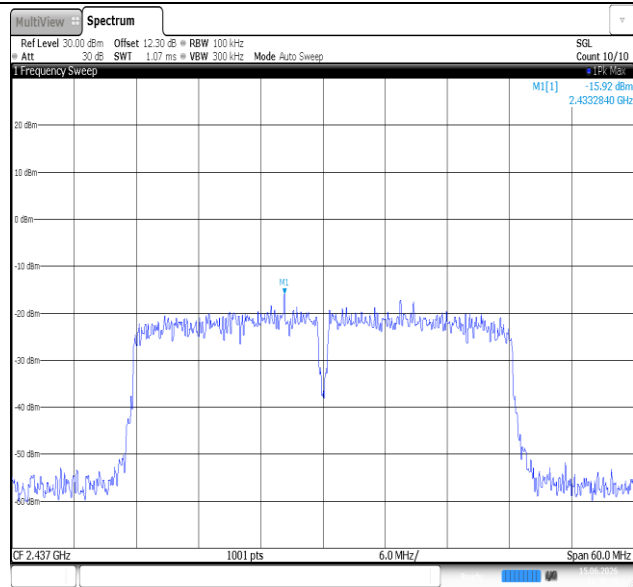
Date: 15 JUN 2026 14:37:16

### 11N40SISO-Ant1-2422-30~1000-PASS



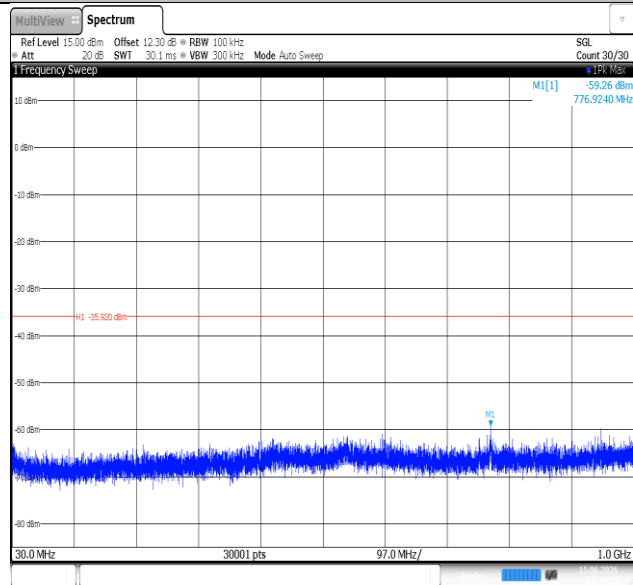
Date: 15 JUN 2026 14:37:30

### 11N40SISO-Ant1-2422-1000~26500-PASS



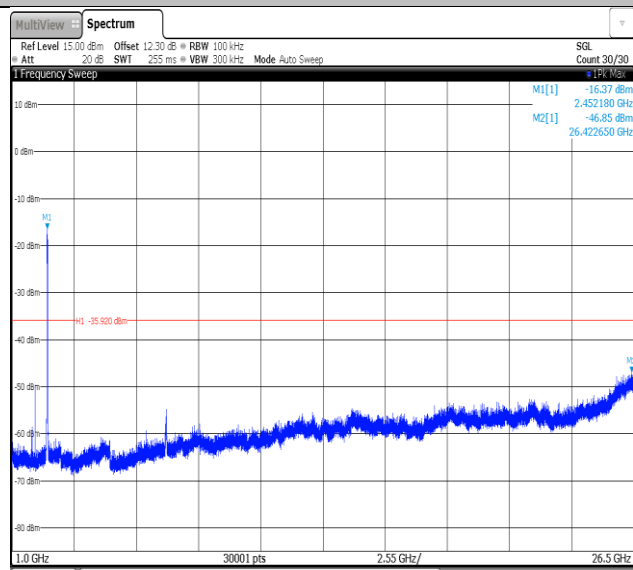
Date: 15 JUN 2026 14:38:30

### 11N40SISO-Ant1-2437-0~Reference-PASS



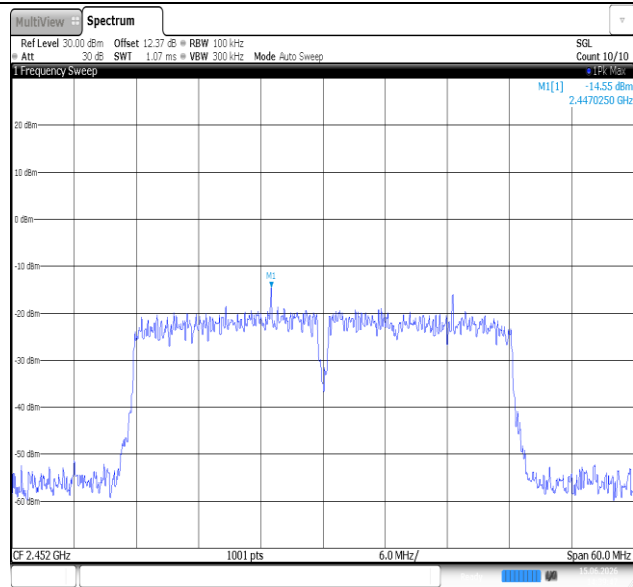
Date: 15 JUN 2026 14:38:35

### 11N40SISO-Ant1-2437-30~1000-PASS



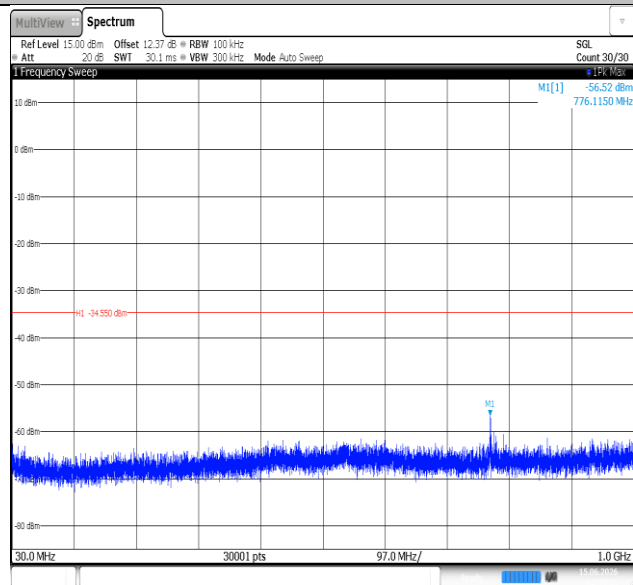
Date: 15 JUN 2026 14:38:49

### 11N40SISO-Ant1-2437-1000~26500-PASS



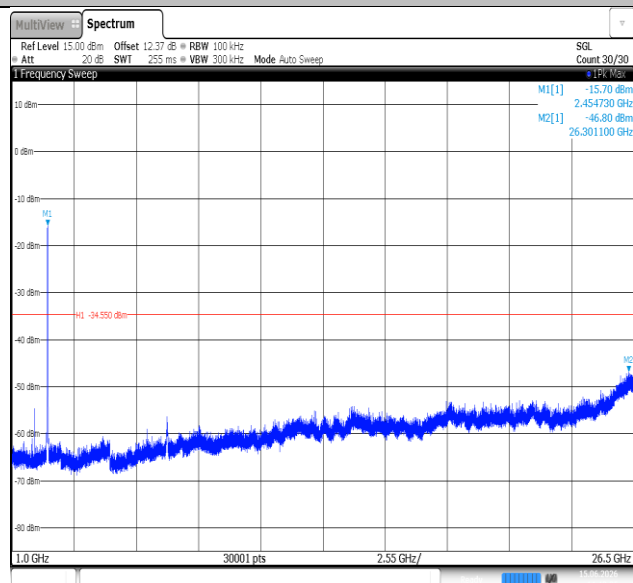
Date: 15 JUN 2026 14:39:47

### 11N40SISO-Ant1-2452-0~Reference-PASS



Date: 15 JUN 2026 14:39:52

### 11N40SISO-Ant1-2452-30~1000-PASS



Date: 15 JUN 2026 14:40:06

### 11N40SISO-Ant1-2452-1000~26500-PASS

-----End of Report-----