



### 11.3. APPENDIX C: MAXIMUM CONDUCTED OUTPUT POWER

#### 11.3.1. Test Result

| Test Mode  | Antenna | Frequency[MHz] | Result[dBm] | Limit[dBm] | Verdict |
|------------|---------|----------------|-------------|------------|---------|
| 11B-CDD    | Ant1    | 2412           | 18.33       | ≤30.00     | PASS    |
|            | Ant2    | 2412           | 18.22       | ≤30.00     | PASS    |
|            | total   | 2412           | 21.29       | ≤30.00     | PASS    |
|            | Ant1    | 2437           | 19.25       | ≤30.00     | PASS    |
|            | Ant2    | 2437           | 19.03       | ≤30.00     | PASS    |
|            | total   | 2437           | 22.15       | ≤30.00     | PASS    |
|            | Ant1    | 2462           | 19.57       | ≤30.00     | PASS    |
|            | Ant2    | 2462           | 18.78       | ≤30.00     | PASS    |
|            | total   | 2462           | 22.20       | ≤30.00     | PASS    |
| 11G-CDD    | Ant1    | 2412           | 16.49       | ≤30.00     | PASS    |
|            | Ant2    | 2412           | 15.98       | ≤30.00     | PASS    |
|            | total   | 2412           | 19.25       | ≤30.00     | PASS    |
|            | Ant1    | 2437           | 17.76       | ≤30.00     | PASS    |
|            | Ant2    | 2437           | 16.69       | ≤30.00     | PASS    |
|            | total   | 2437           | 20.27       | ≤30.00     | PASS    |
|            | Ant1    | 2462           | 17.40       | ≤30.00     | PASS    |
|            | Ant2    | 2462           | 17.12       | ≤30.00     | PASS    |
|            | total   | 2462           | 20.27       | ≤30.00     | PASS    |
| 11N20MIMO  | Ant1    | 2412           | 14.58       | ≤30.00     | PASS    |
|            | Ant2    | 2412           | 14.38       | ≤30.00     | PASS    |
|            | total   | 2412           | 17.49       | ≤30.00     | PASS    |
|            | Ant1    | 2437           | 14.38       | ≤30.00     | PASS    |
|            | Ant2    | 2437           | 14.04       | ≤30.00     | PASS    |
|            | total   | 2437           | 17.22       | ≤30.00     | PASS    |
|            | Ant1    | 2462           | 14.56       | ≤30.00     | PASS    |
|            | Ant2    | 2462           | 13.98       | ≤30.00     | PASS    |
|            | total   | 2462           | 17.29       | ≤30.00     | PASS    |
| 11N40MIMO  | Ant1    | 2422           | 15.19       | ≤30.00     | PASS    |
|            | Ant2    | 2422           | 14.89       | ≤30.00     | PASS    |
|            | total   | 2422           | 18.05       | ≤30.00     | PASS    |
|            | Ant1    | 2437           | 15.18       | ≤30.00     | PASS    |
|            | Ant2    | 2437           | 14.96       | ≤30.00     | PASS    |
|            | total   | 2437           | 18.08       | ≤30.00     | PASS    |
|            | Ant1    | 2452           | 15.54       | ≤30.00     | PASS    |
|            | Ant2    | 2452           | 15.29       | ≤30.00     | PASS    |
|            | total   | 2452           | 18.43       | ≤30.00     | PASS    |
| 11AX20MIMO | Ant1    | 2412           | 13.85       | ≤30.00     | PASS    |
|            | Ant2    | 2412           | 13.73       | ≤30.00     | PASS    |
|            | total   | 2412           | 16.80       | ≤30.00     | PASS    |
|            | Ant1    | 2437           | 14.26       | ≤30.00     | PASS    |
|            | Ant2    | 2437           | 13.94       | ≤30.00     | PASS    |
|            | total   | 2437           | 17.11       | ≤30.00     | PASS    |
|            | Ant1    | 2462           | 13.73       | ≤30.00     | PASS    |
|            | Ant2    | 2462           | 14.00       | ≤30.00     | PASS    |
|            | total   | 2462           | 16.88       | ≤30.00     | PASS    |
| 11AX40MIMO | Ant1    | 2422           | 14.55       | ≤30.00     | PASS    |
|            | Ant2    | 2422           | 14.11       | ≤30.00     | PASS    |
|            | total   | 2422           | 17.35       | ≤30.00     | PASS    |
|            | Ant1    | 2437           | 13.90       | ≤30.00     | PASS    |
|            | Ant2    | 2437           | 13.69       | ≤30.00     | PASS    |
|            | total   | 2437           | 16.81       | ≤30.00     | PASS    |
|            | Ant1    | 2452           | 14.38       | ≤30.00     | PASS    |
|            | Ant2    | 2452           | 14.07       | ≤30.00     | PASS    |
|            | total   | 2452           | 17.24       | ≤30.00     | PASS    |

| Test Mode  | Antenna | Channel | Ru Size | Ru Index | Power[dBm] | Limit[dBm] | Verdict |
|------------|---------|---------|---------|----------|------------|------------|---------|
| 11AX20MIMO | Ant1    | 2412    | 26Tone  | RU0      | 14.18      | ≤30.00     | PASS    |
|            |         |         | 52Tone  | RU37     | 14.32      | ≤30.00     | PASS    |
|            |         |         | 106Tone | RU53     | 14.52      | ≤30.00     | PASS    |
|            | Ant2    | 2412    | 26Tone  | RU0      | 13.69      | ≤30.00     | PASS    |
|            |         |         | 52Tone  | RU37     | 13.93      | ≤30.00     | PASS    |
|            |         |         | 106Tone | RU53     | 14.07      | ≤30.00     | PASS    |
|            | total   | 2412    | 26Tone  | RU0      | 16.95      | ≤30.00     | PASS    |
|            |         |         | 52Tone  | RU37     | 17.14      | ≤30.00     | PASS    |
|            |         |         | 106Tone | RU53     | 17.31      | ≤30.00     | PASS    |
|            | Ant1    | 2437    | 26Tone  | RU4      | 15.22      | ≤30.00     | PASS    |
|            |         |         | 52Tone  | RU38     | 15.30      | ≤30.00     | PASS    |
|            |         |         | 106Tone | RU53     | 15.20      | ≤30.00     | PASS    |
|            | Ant2    | 2437    | 26Tone  | RU4      | 14.61      | ≤30.00     | PASS    |
|            |         |         | 52Tone  | RU38     | 14.71      | ≤30.00     | PASS    |
|            |         |         | 106Tone | RU53     | 14.70      | ≤30.00     | PASS    |
|            | total   | 2437    | 26Tone  | RU4      | 17.94      | ≤30.00     | PASS    |
|            |         |         | 52Tone  | RU38     | 18.03      | ≤30.00     | PASS    |
|            |         |         | 106Tone | RU53     | 17.97      | ≤30.00     | PASS    |
|            | Ant1    | 2462    | 26Tone  | RU8      | 15.14      | ≤30.00     | PASS    |
|            |         |         | 52Tone  | RU40     | 15.10      | ≤30.00     | PASS    |
|            |         |         | 106Tone | RU54     | 15.07      | ≤30.00     | PASS    |
|            | Ant2    | 2462    | 26Tone  | RU8      | 14.48      | ≤30.00     | PASS    |
|            |         |         | 52Tone  | RU40     | 14.60      | ≤30.00     | PASS    |
|            |         |         | 106Tone | RU54     | 14.53      | ≤30.00     | PASS    |
|            | total   | 2462    | 26Tone  | RU8      | 17.83      | ≤30.00     | PASS    |
|            |         |         | 52Tone  | RU40     | 17.87      | ≤30.00     | PASS    |
|            |         |         | 106Tone | RU54     | 17.82      | ≤30.00     | PASS    |

Note: 1. Conducted Power=Meas. Level+ Correction Factor

2. The Duty Cycle Factor (refer to section 7.5) had already compensated to the test data.

## 11.4. APPENDIX D: MAXIMUM POWER SPECTRAL DENSITY

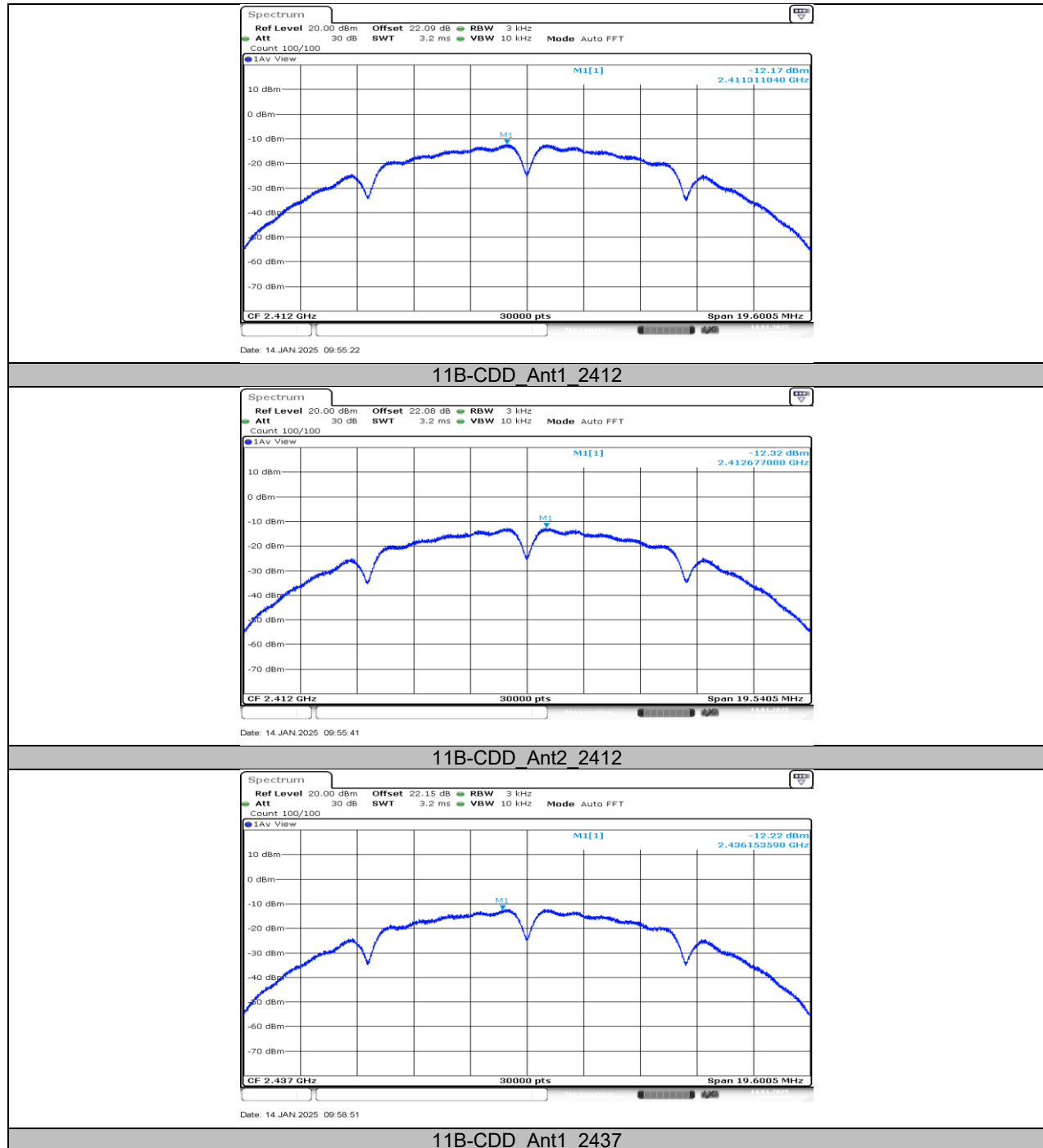
### 11.4.1. Test Result

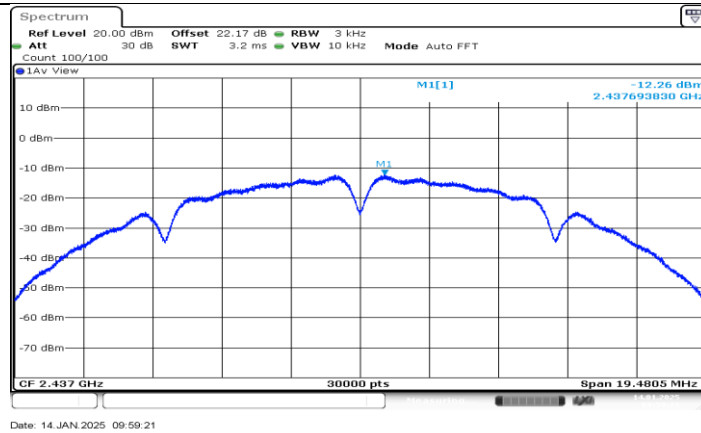
| Test Mode  | Antenna | Frequency[MHz] | Result[dBm/3kHz] | Limit[dBm/3kHz] | Verdict |
|------------|---------|----------------|------------------|-----------------|---------|
| 11B-CDD    | Ant1    | 2412           | -12.17           | ≤8.00           | PASS    |
|            | Ant2    | 2412           | -12.32           | ≤8.00           | PASS    |
|            | total   | 2412           | -9.23            | ≤8.00           | PASS    |
|            | Ant1    | 2437           | -12.22           | ≤8.00           | PASS    |
|            | Ant2    | 2437           | -12.26           | ≤8.00           | PASS    |
|            | total   | 2437           | -9.23            | ≤8.00           | PASS    |
|            | Ant1    | 2462           | -12.04           | ≤8.00           | PASS    |
|            | Ant2    | 2462           | -12.68           | ≤8.00           | PASS    |
|            | total   | 2462           | -9.34            | ≤8.00           | PASS    |
| 11G-CDD    | Ant1    | 2412           | -16.44           | ≤8.00           | PASS    |
|            | Ant2    | 2412           | -16.91           | ≤8.00           | PASS    |
|            | total   | 2412           | -13.66           | ≤8.00           | PASS    |
|            | Ant1    | 2437           | -15.47           | ≤8.00           | PASS    |
|            | Ant2    | 2437           | -16.60           | ≤8.00           | PASS    |
|            | total   | 2437           | -12.99           | ≤8.00           | PASS    |
|            | Ant1    | 2462           | -16.03           | ≤8.00           | PASS    |
|            | Ant2    | 2462           | -16.21           | ≤8.00           | PASS    |
|            | total   | 2462           | -13.11           | ≤8.00           | PASS    |
| 11N20MIMO  | Ant1    | 2412           | -16.92           | ≤8.00           | PASS    |
|            | Ant2    | 2412           | -16.46           | ≤8.00           | PASS    |
|            | total   | 2412           | -13.67           | ≤8.00           | PASS    |
|            | Ant1    | 2437           | -17.33           | ≤8.00           | PASS    |
|            | Ant2    | 2437           | -17.15           | ≤8.00           | PASS    |
|            | total   | 2437           | -14.23           | ≤8.00           | PASS    |
|            | Ant1    | 2462           | -17.34           | ≤8.00           | PASS    |
|            | Ant2    | 2462           | -17.71           | ≤8.00           | PASS    |
|            | total   | 2462           | -14.51           | ≤8.00           | PASS    |
| 11N40MIMO  | Ant1    | 2422           | -18.34           | ≤8.00           | PASS    |
|            | Ant2    | 2422           | -18.82           | ≤8.00           | PASS    |
|            | total   | 2422           | -15.56           | ≤8.00           | PASS    |
|            | Ant1    | 2437           | -18.46           | ≤8.00           | PASS    |
|            | Ant2    | 2437           | -18.93           | ≤8.00           | PASS    |
|            | total   | 2437           | -15.68           | ≤8.00           | PASS    |
|            | Ant1    | 2452           | -18.25           | ≤8.00           | PASS    |
|            | Ant2    | 2452           | -18.74           | ≤8.00           | PASS    |
|            | total   | 2452           | -15.48           | ≤8.00           | PASS    |
| 11AX20MIMO | Ant1    | 2412           | -19.36           | ≤8.00           | PASS    |
|            | Ant2    | 2412           | -19.49           | ≤8.00           | PASS    |
|            | total   | 2412           | -16.41           | ≤8.00           | PASS    |
|            | Ant1    | 2437           | -19.23           | ≤8.00           | PASS    |
|            | Ant2    | 2437           | -18.99           | ≤8.00           | PASS    |
|            | total   | 2437           | -16.10           | ≤8.00           | PASS    |
|            | Ant1    | 2462           | -17.88           | ≤8.00           | PASS    |
|            | Ant2    | 2462           | -18.47           | ≤8.00           | PASS    |
|            | total   | 2462           | -15.15           | ≤8.00           | PASS    |
| 11AX40MIMO | Ant1    | 2422           | -21.89           | ≤8.00           | PASS    |
|            | Ant2    | 2422           | -21.84           | ≤8.00           | PASS    |
|            | total   | 2422           | -18.85           | ≤8.00           | PASS    |
|            | Ant1    | 2437           | -21.56           | ≤8.00           | PASS    |
|            | Ant2    | 2437           | -22.61           | ≤8.00           | PASS    |
|            | total   | 2437           | -19.04           | ≤8.00           | PASS    |
|            | Ant1    | 2452           | -21.69           | ≤8.00           | PASS    |
|            | Ant2    | 2452           | -22.48           | ≤8.00           | PASS    |
|            | total   | 2452           | -19.06           | ≤8.00           | PASS    |

| TestMode   | Antenna | Channel | RuSize  | RuIndex | Result<br>[dBm/3kHz] | Limit<br>[dBm/3kHz] | Verdict |
|------------|---------|---------|---------|---------|----------------------|---------------------|---------|
| 11AX20MIMO | Ant1    | 2412    | 26Tone  | RU0     | -13.75               | ≤8.00               | PASS    |
|            |         |         | 52Tone  | RU37    | -15.55               | ≤8.00               | PASS    |
|            |         |         | 106Tone | RU53    | -17.27               | ≤8.00               | PASS    |
|            | Ant2    | 2412    | 26Tone  | RU0     | -13.26               | ≤8.00               | PASS    |
|            |         |         | 52Tone  | RU37    | -14.94               | ≤8.00               | PASS    |
|            |         |         | 106Tone | RU53    | -16.24               | ≤8.00               | PASS    |
|            | total   | 2412    | 26Tone  | RU0     | -10.49               | ≤8.00               | PASS    |
|            |         |         | 52Tone  | RU37    | -12.22               | ≤8.00               | PASS    |
|            |         |         | 106Tone | RU53    | -13.71               | ≤8.00               | PASS    |
|            | Ant1    | 2437    | 26Tone  | RU4     | -10.71               | ≤8.00               | PASS    |
|            |         |         | 52Tone  | RU38    | -11.34               | ≤8.00               | PASS    |
|            |         |         | 106Tone | RU53    | -13.92               | ≤8.00               | PASS    |
|            | Ant2    | 2437    | 26Tone  | RU4     | -11.20               | ≤8.00               | PASS    |
|            |         |         | 52Tone  | RU38    | -11.19               | ≤8.00               | PASS    |
|            |         |         | 106Tone | RU53    | -13.32               | ≤8.00               | PASS    |
|            | total   | 2437    | 26Tone  | RU4     | -7.94                | ≤8.00               | PASS    |
|            |         |         | 52Tone  | RU38    | -8.25                | ≤8.00               | PASS    |
|            |         |         | 106Tone | RU53    | -10.60               | ≤8.00               | PASS    |
|            | Ant1    | 2462    | 26Tone  | RU8     | -13.03               | ≤8.00               | PASS    |
|            |         |         | 52Tone  | RU40    | -14.18               | ≤8.00               | PASS    |
|            |         |         | 106Tone | RU54    | -16.12               | ≤8.00               | PASS    |
|            | Ant2    | 2462    | 26Tone  | RU8     | -13.70               | ≤8.00               | PASS    |
|            |         |         | 52Tone  | RU40    | -14.41               | ≤8.00               | PASS    |
|            |         |         | 106Tone | RU54    | -16.55               | ≤8.00               | PASS    |
|            | total   | 2462    | 26Tone  | RU8     | -10.34               | ≤8.00               | PASS    |
|            |         |         | 52Tone  | RU40    | -11.28               | ≤8.00               | PASS    |
|            |         |         | 106Tone | RU54    | -13.32               | ≤8.00               | PASS    |

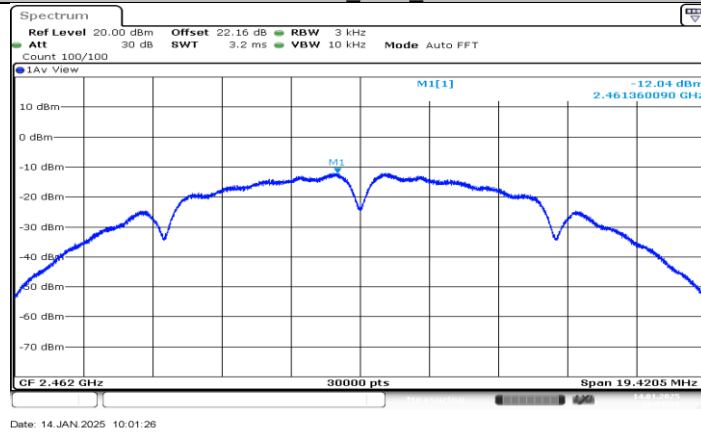
Note: 1. The Duty Cycle Factor (refer to section 7.5) had already compensated to the test data.

## 11.4.2. Test Graphs

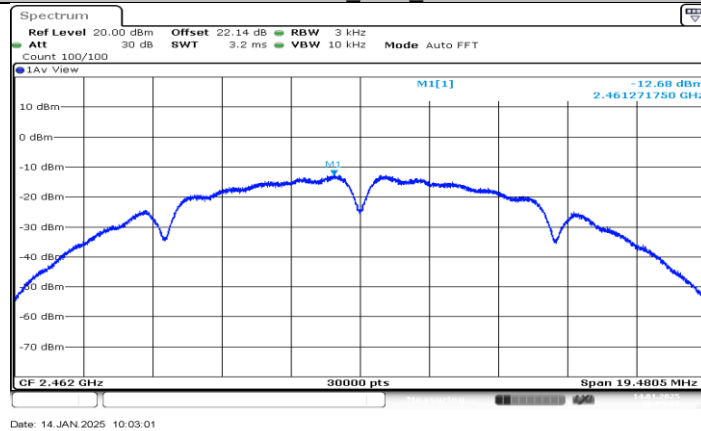




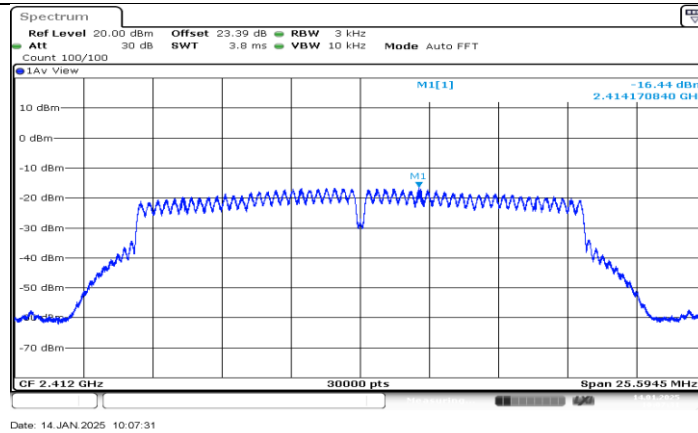
11B-CDD\_Ant2\_2437



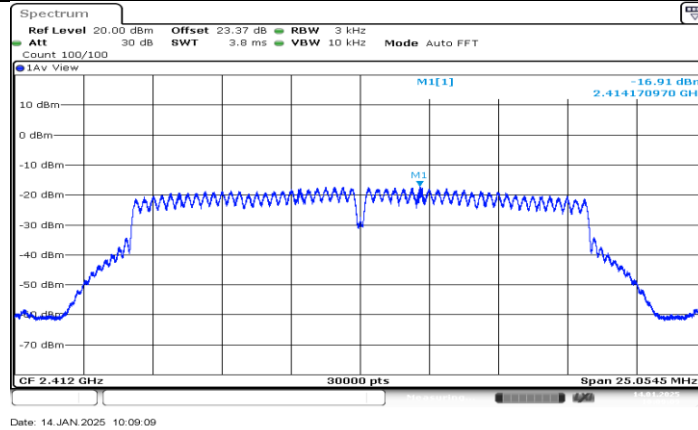
11B-CDD\_Ant1\_2462



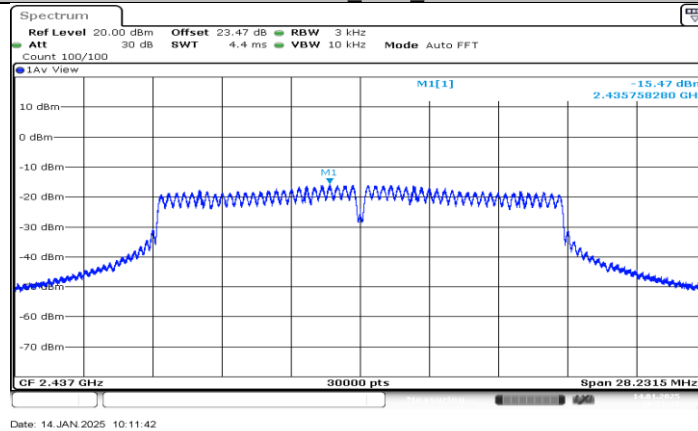
11B-CDD\_Ant2\_2462



11G-CDD\_Ant1\_2412

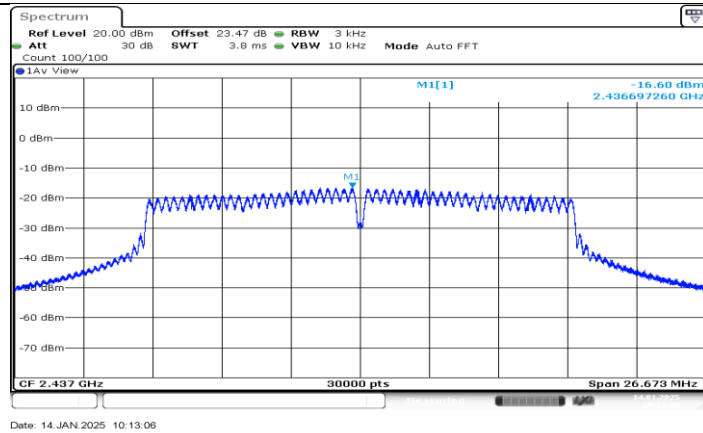


11G-CDD\_Ant2\_2412

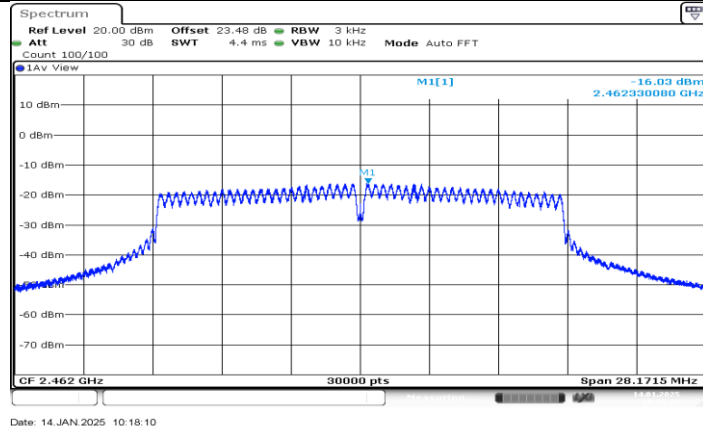


11G-CDD\_Ant1\_2437

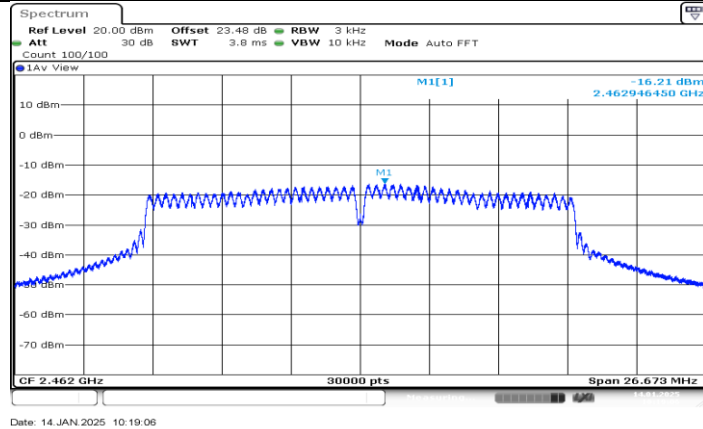




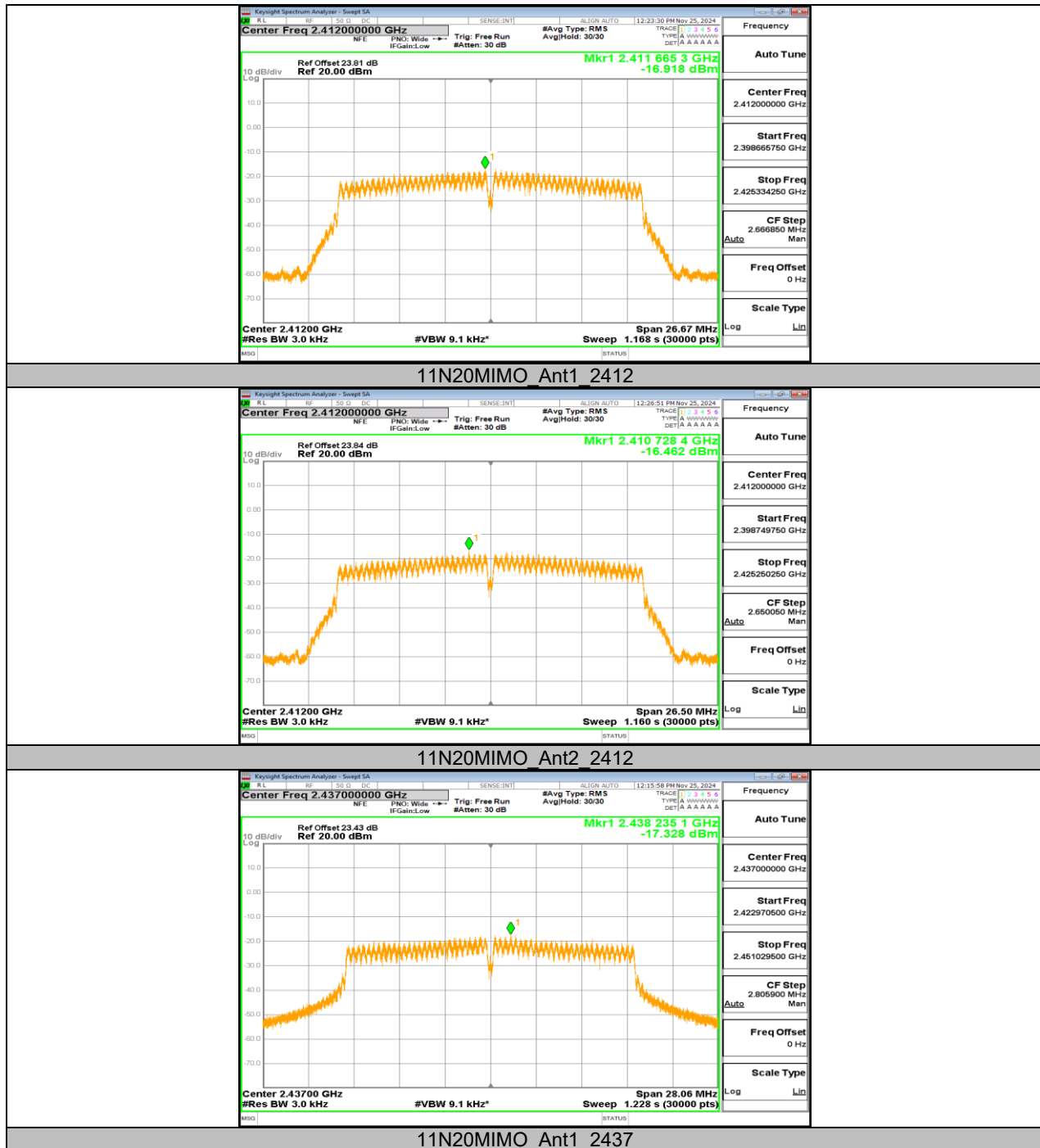
11G-CDD\_Ant2\_2437

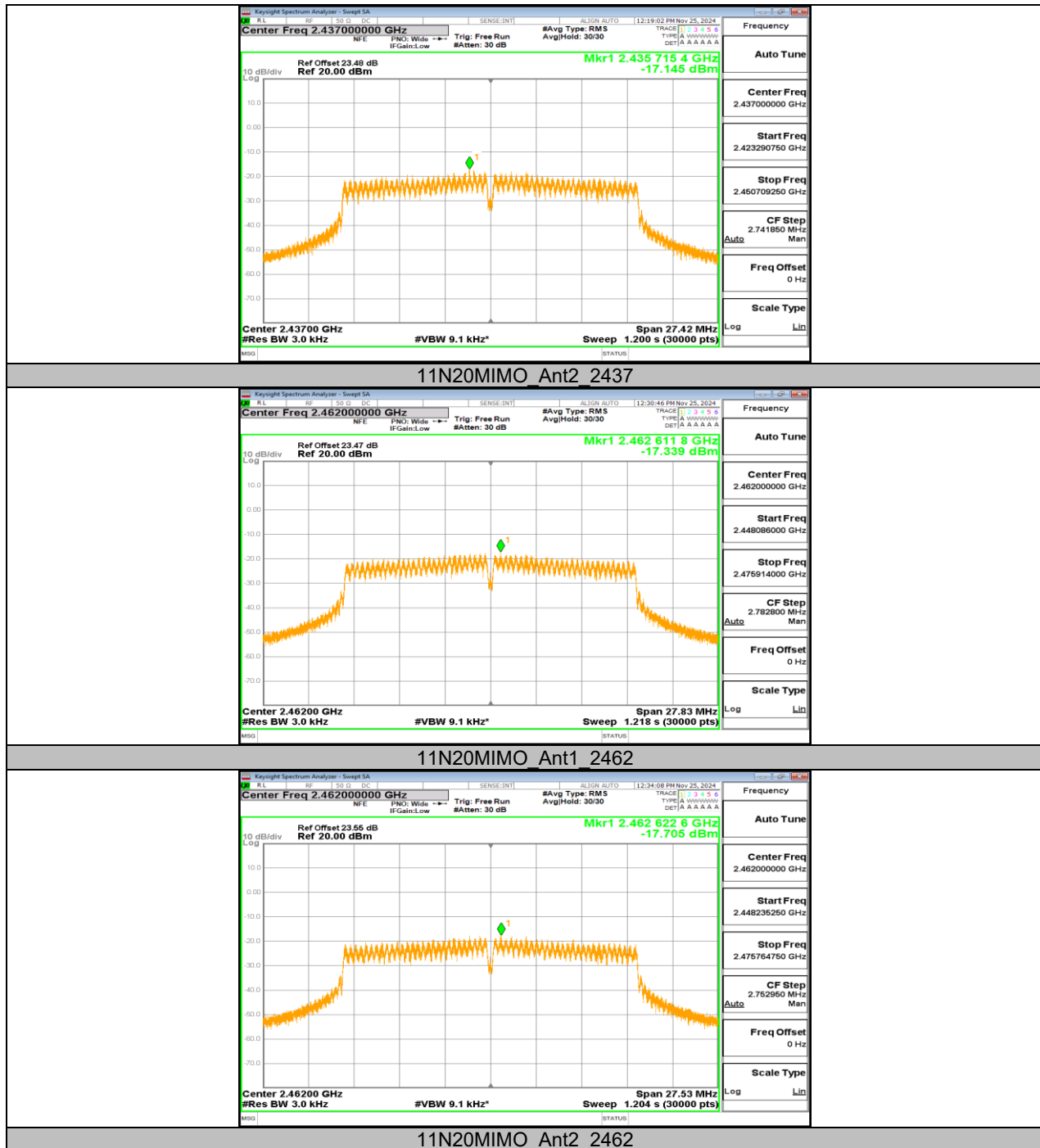


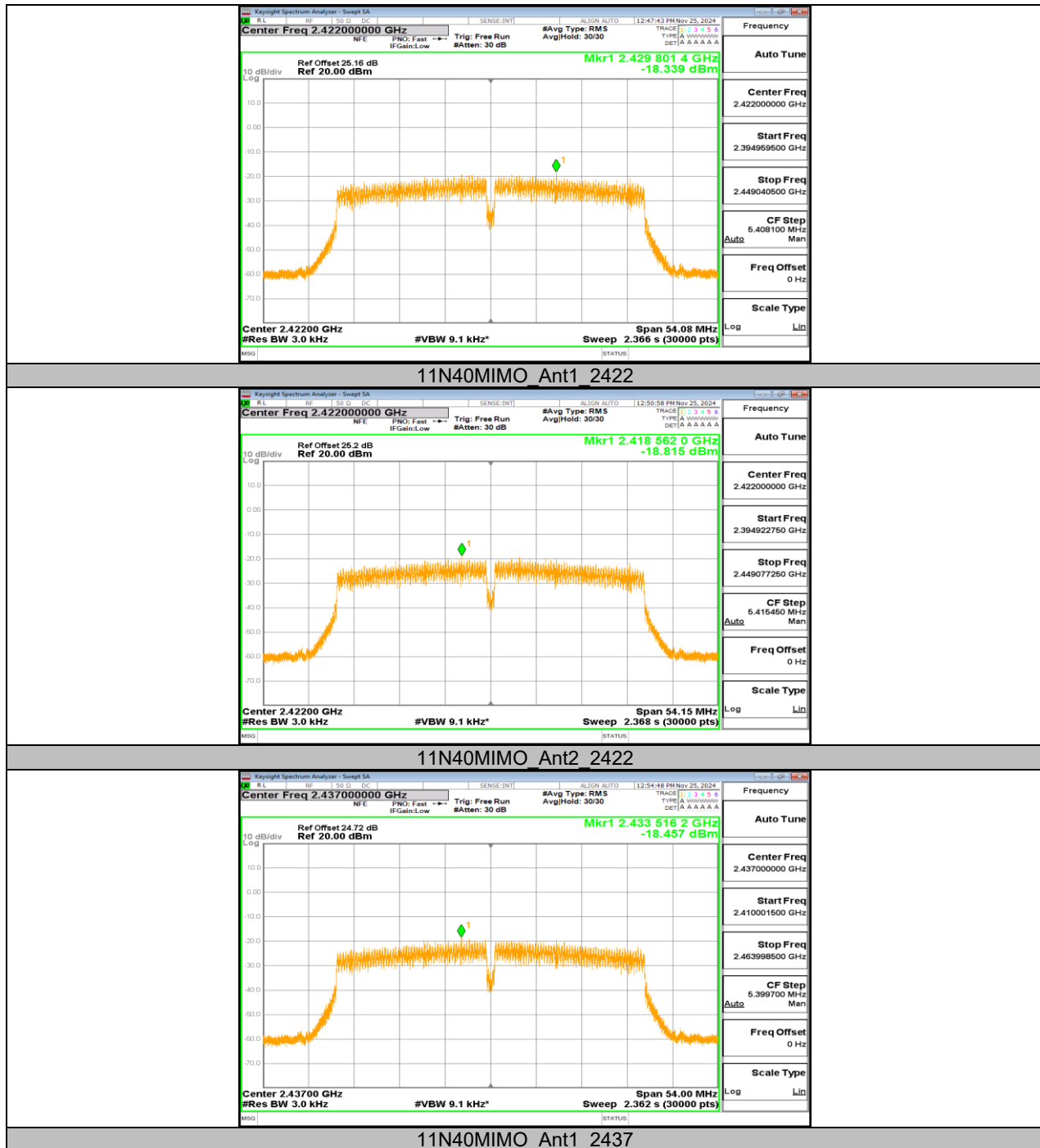
11G-CDD\_Ant1\_2462

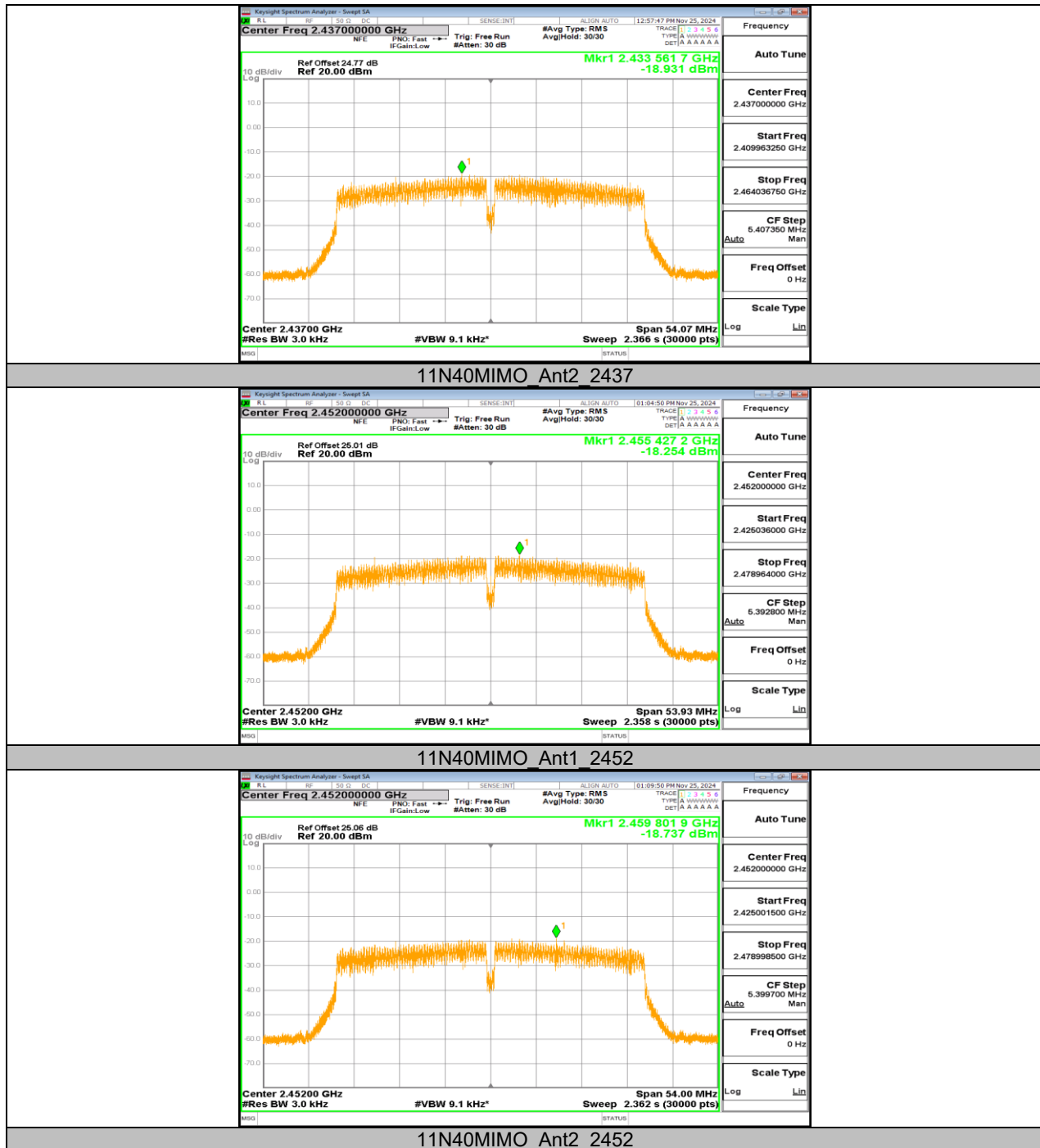


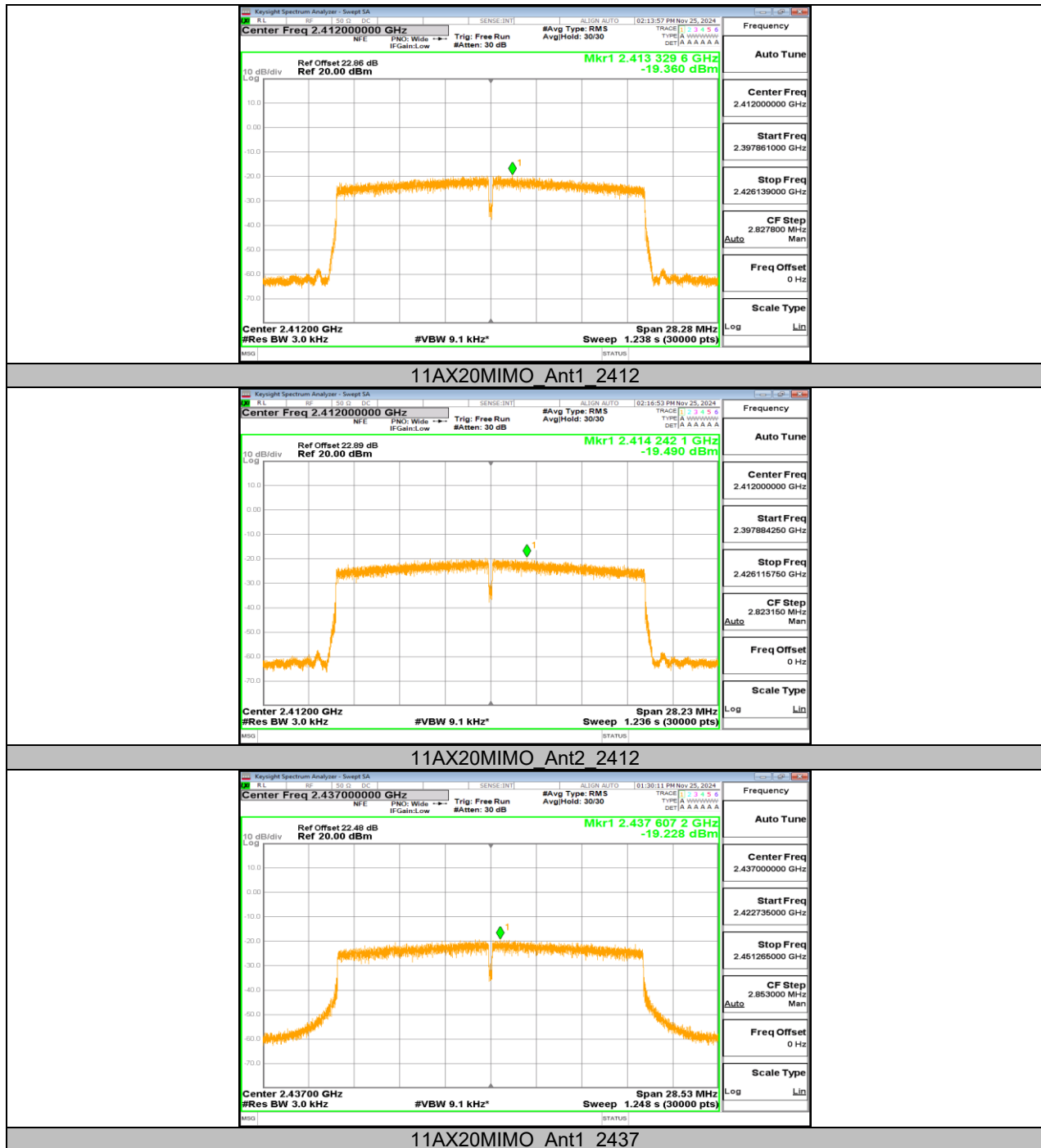
11G-CDD\_Ant2\_2462

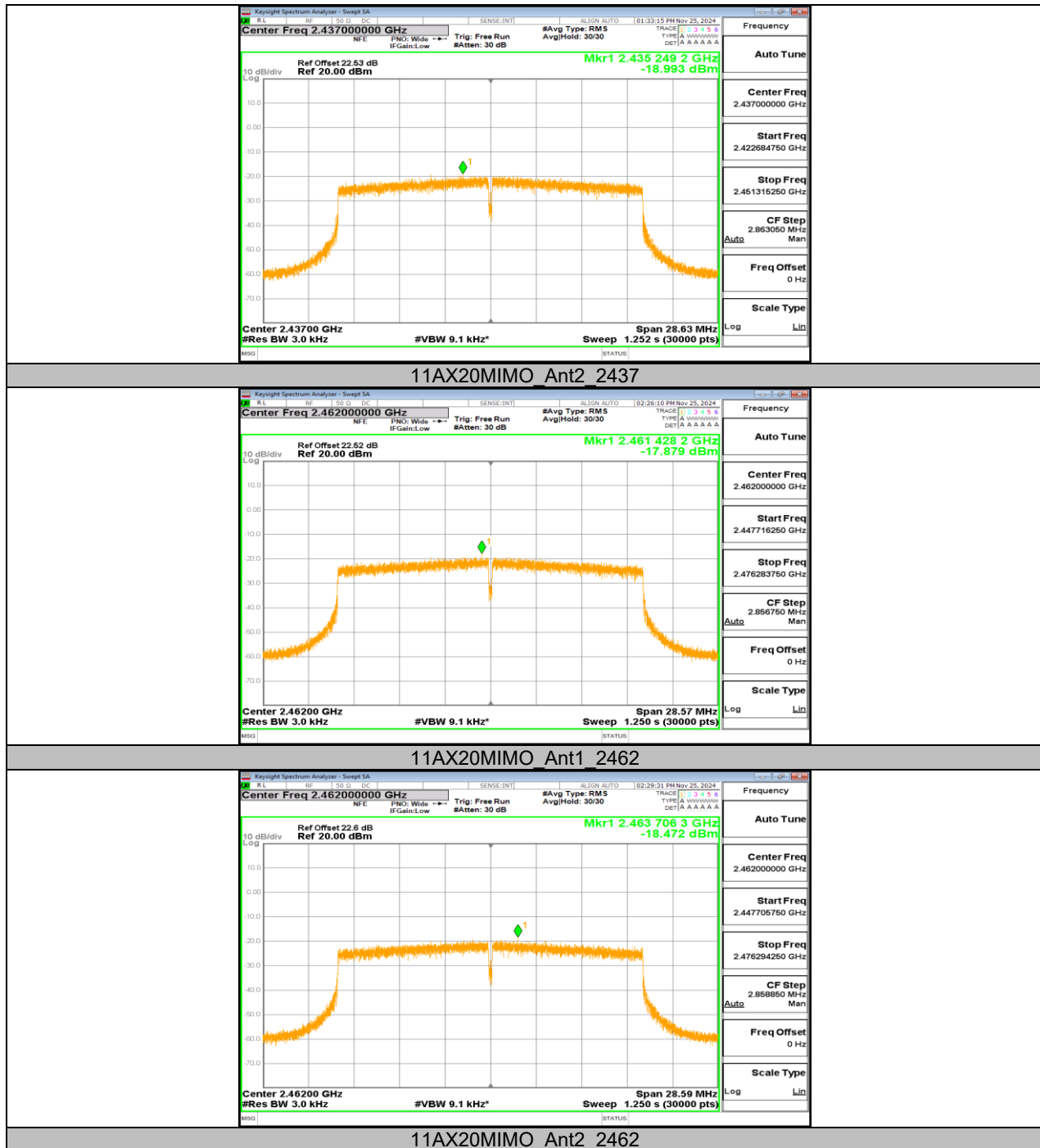


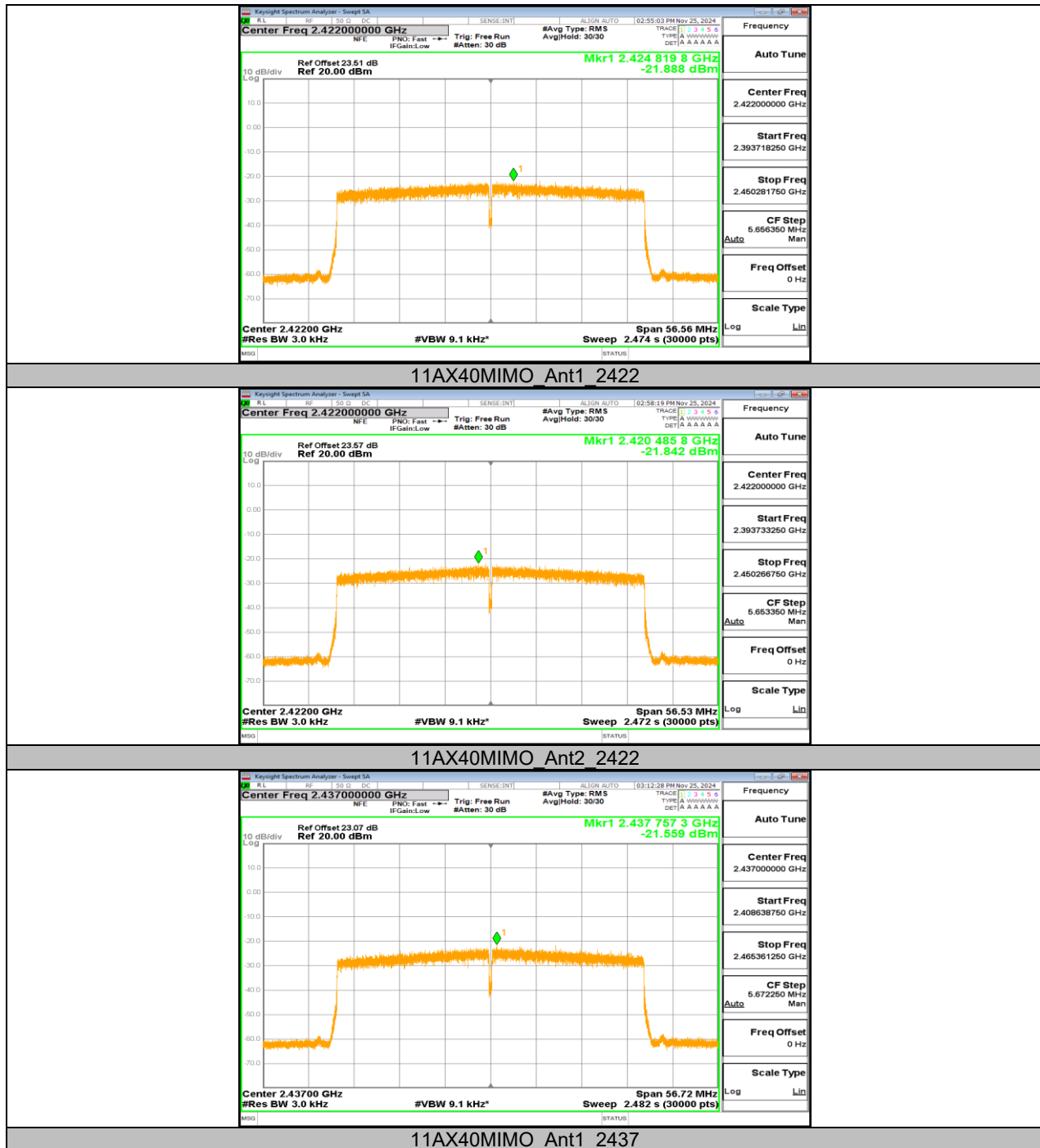




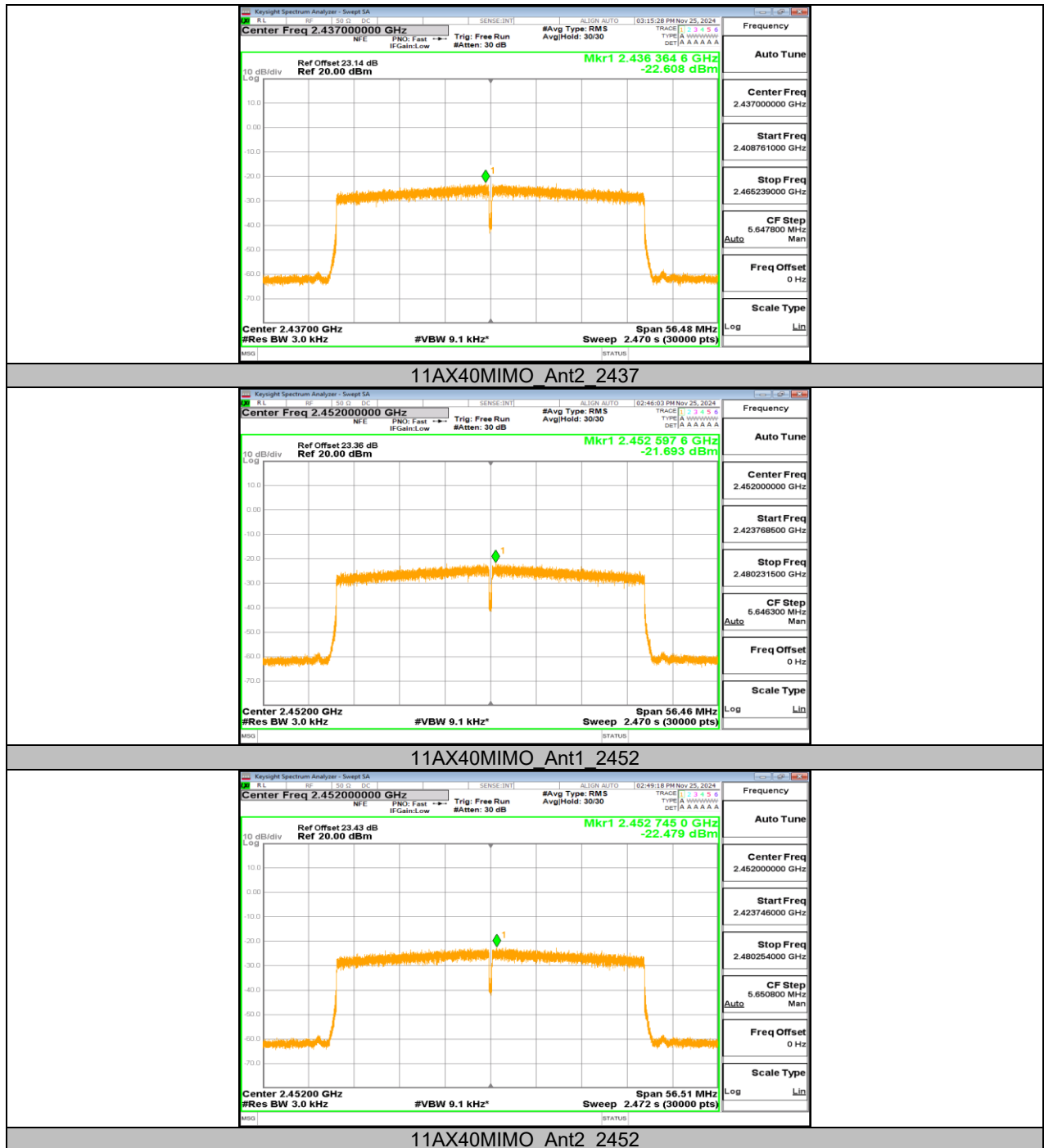


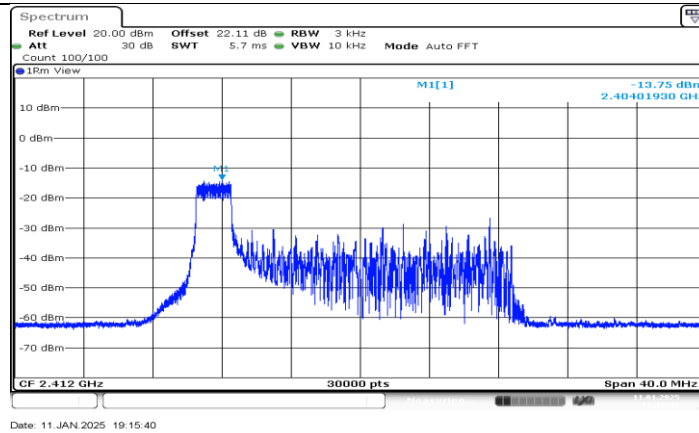




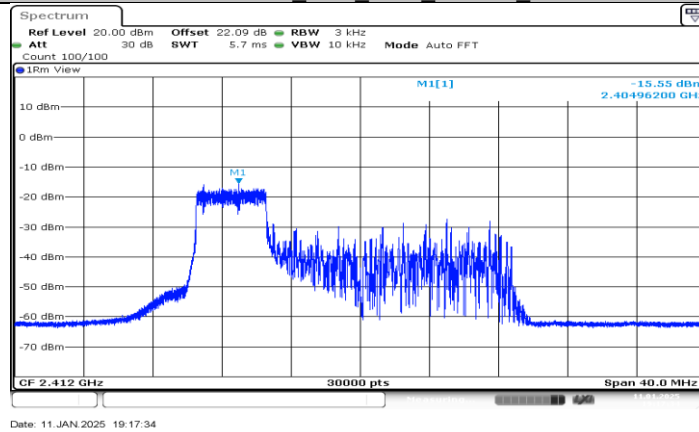




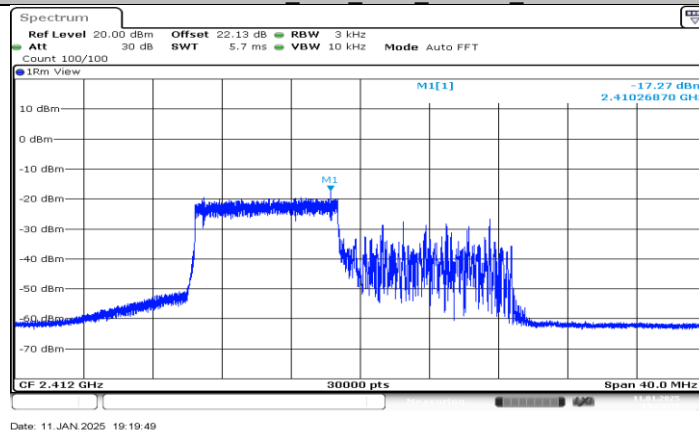




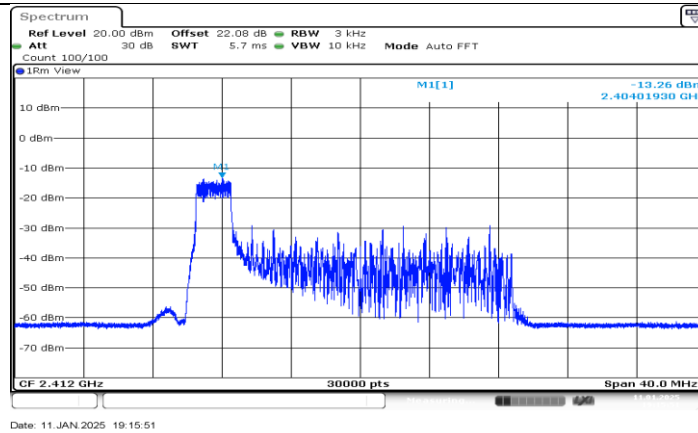
11AX20MIMO\_Ant1\_2412\_26Tone\_RU0



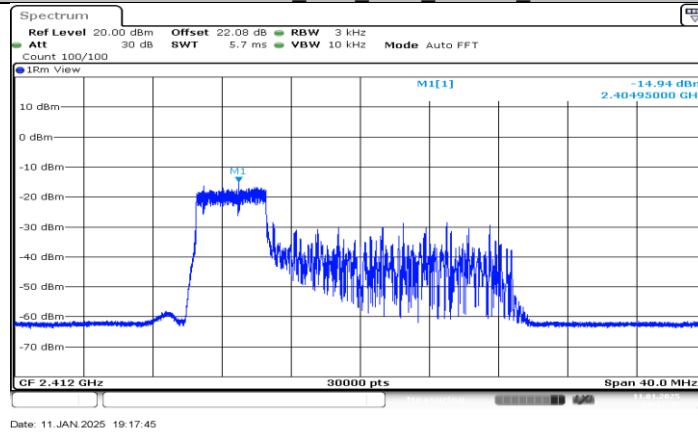
11AX20MIMO\_Ant1\_2412\_52Tone\_RU37



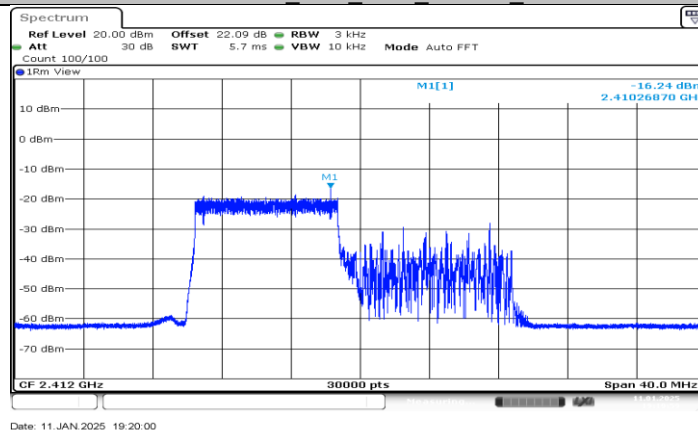
11AX20MIMO\_Ant1\_2412\_106Tone\_RU53



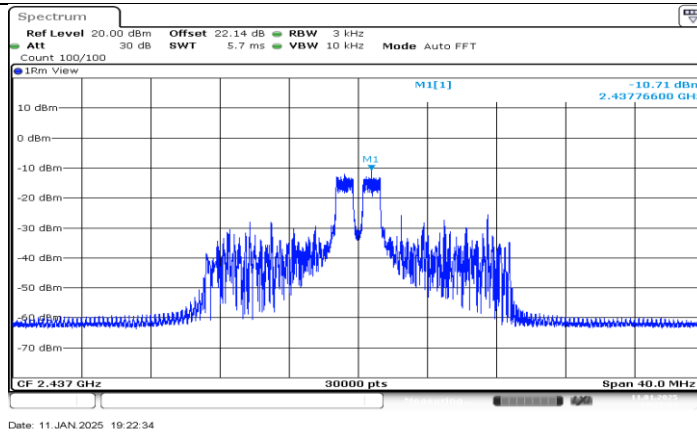
11AX20MIMO\_Ant2\_2412\_26Tone\_RU0



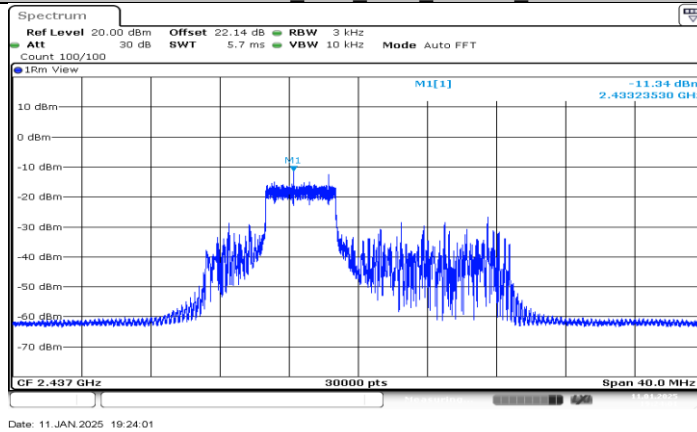
11AX20MIMO\_Ant2\_2412\_52Tone\_RU37



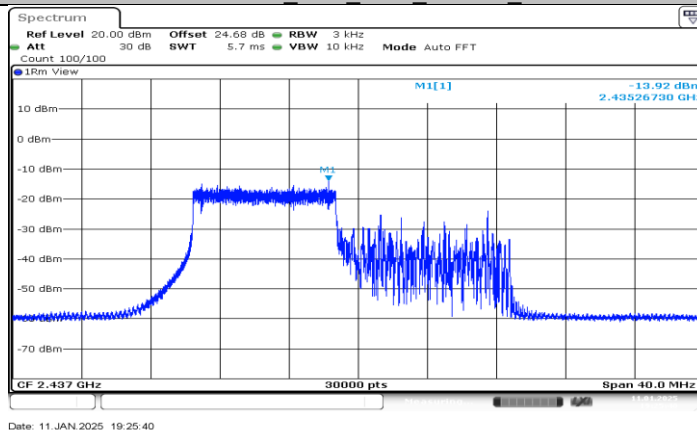
11AX20MIMO\_Ant2\_2412\_106Tone\_RU53



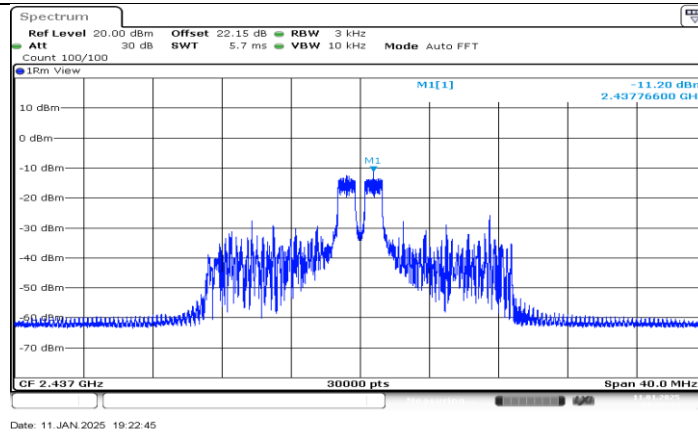
11AX20MIMO\_Ant1\_2437\_26Tone\_RU4



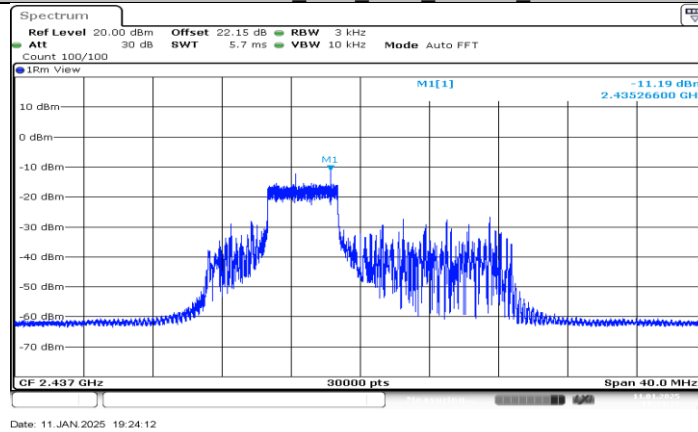
11AX20MIMO\_Ant1\_2437\_52Tone\_RU38



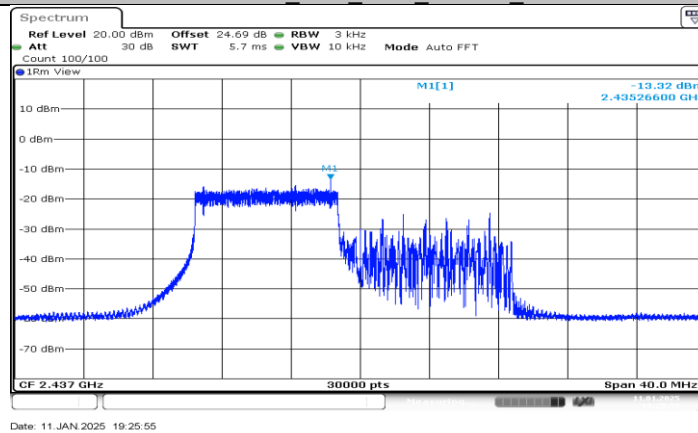
11AX20MIMO\_Ant1\_2437\_106Tone\_RU53



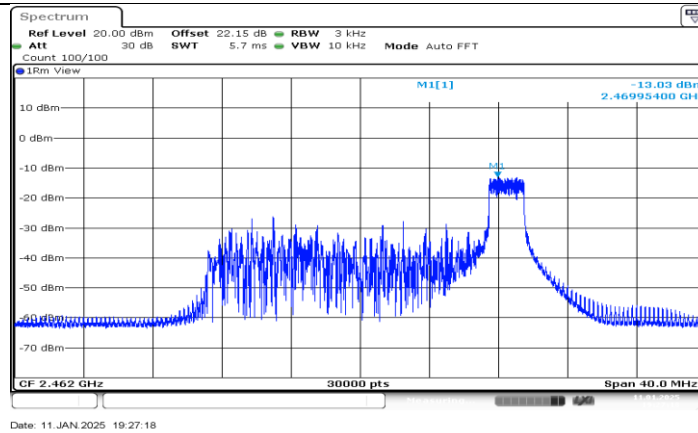
11AX20MIMO\_Ant2\_2437\_26Tone\_RU4



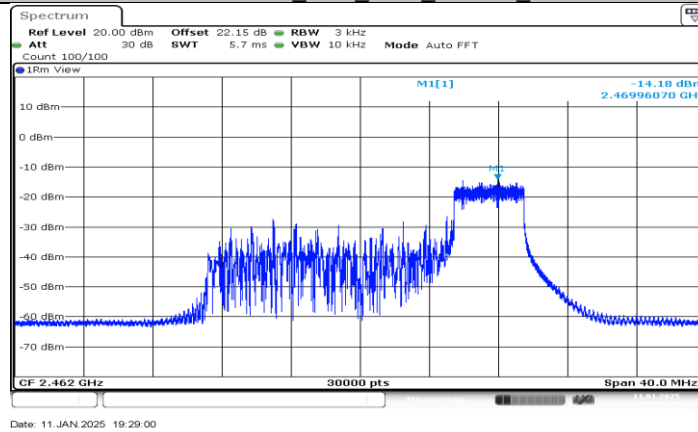
11AX20MIMO\_Ant2\_2437\_52Tone\_RU38



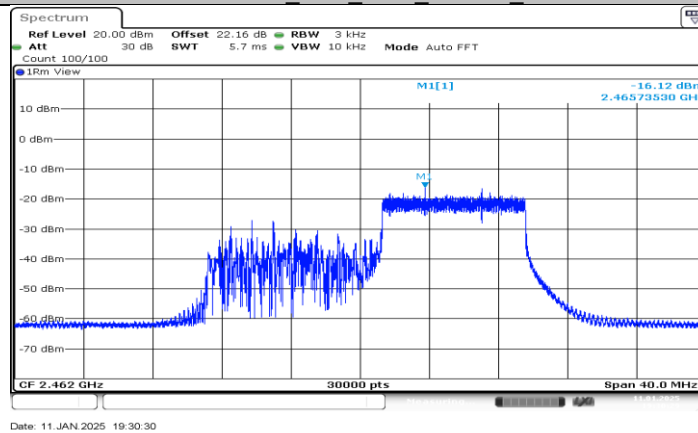
11AX20MIMO\_Ant2\_2437\_106Tone\_RU53



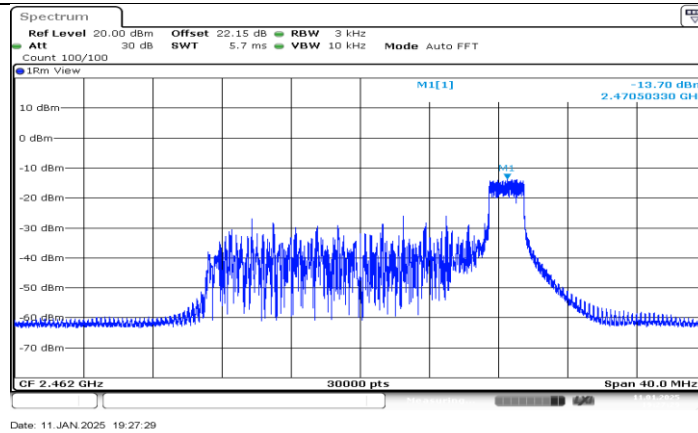
11AX20MIMO\_Ant1\_2462\_26Tone\_RU8



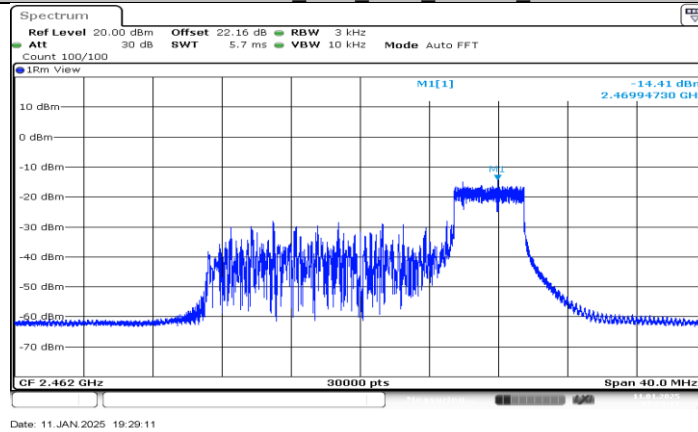
11AX20MIMO\_Ant1\_2462\_52Tone\_RU40



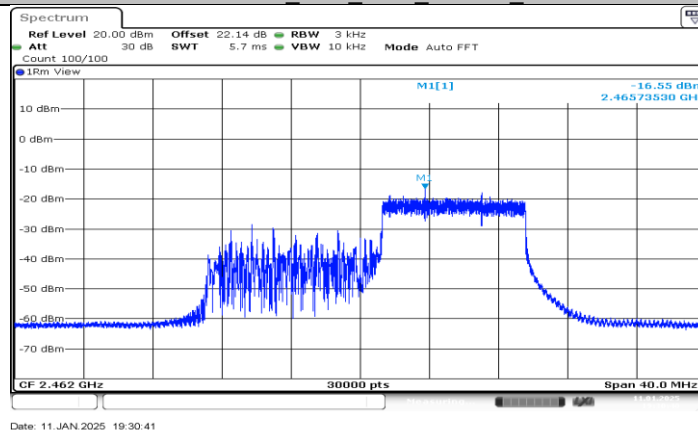
11AX20MIMO\_Ant1\_2462\_106Tone\_RU54



11AX20MIMO\_Ant2\_2462\_26Tone\_RU8



11AX20MIMO\_Ant2\_2462\_52Tone\_RU40



11AX20MIMO\_Ant2\_2462\_106Tone\_RU54

## 11.5. APPENDIX E: BAND EDGE MEASUREMENTS

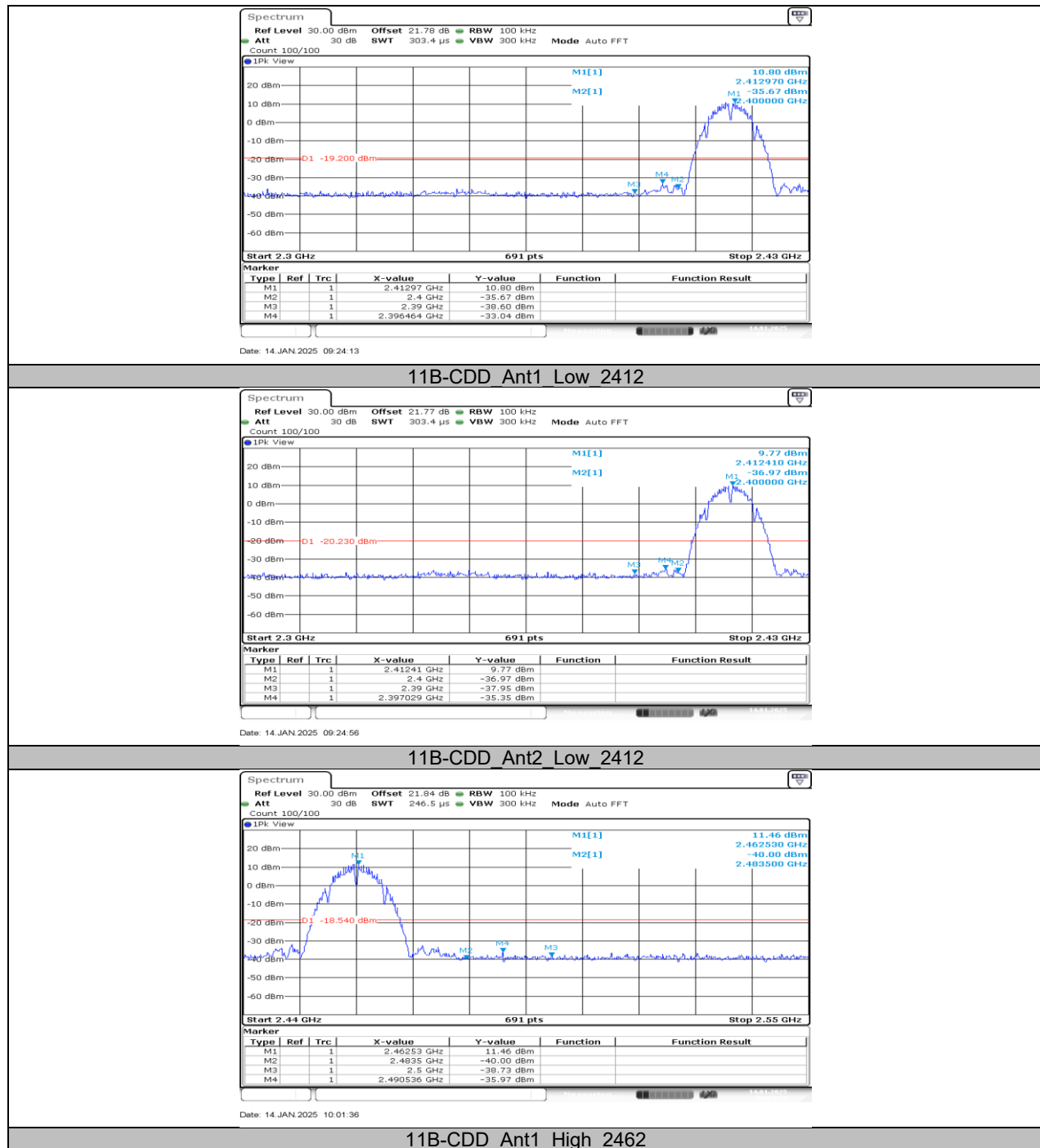
### 11.5.1. Test Result

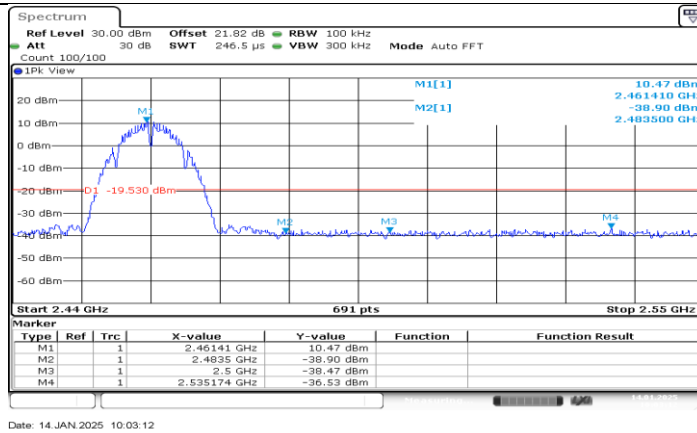
| Test Mode  | Antenna | ChName | Frequency [MHz] | RefLevel [dBm] | Result[dBm] | Limit[dBm] | Verdict |
|------------|---------|--------|-----------------|----------------|-------------|------------|---------|
| 11B-CDD    | Ant1    | Low    | 2412            | 10.80          | -33.04      | ≤-19.2     | PASS    |
|            | Ant2    | Low    | 2412            | 9.77           | -35.35      | ≤-20.23    | PASS    |
|            | Ant1    | High   | 2462            | 11.46          | -35.97      | ≤-18.54    | PASS    |
|            | Ant2    | High   | 2462            | 10.47          | -36.53      | ≤-19.53    | PASS    |
| 11G-CDD    | Ant1    | Low    | 2412            | 3.67           | -36.49      | ≤-26.33    | PASS    |
|            | Ant2    | Low    | 2412            | 3.08           | -35.69      | ≤-26.92    | PASS    |
|            | Ant1    | High   | 2462            | 4.18           | -36.38      | ≤-25.82    | PASS    |
|            | Ant2    | High   | 2462            | 3.92           | -36.87      | ≤-26.08    | PASS    |
| 11N20MIMO  | Ant1    | Low    | 2412            | 4.26           | -37.02      | ≤-25.75    | PASS    |
|            | Ant2    | Low    | 2412            | 3.25           | -37.5       | ≤-26.75    | PASS    |
|            | Ant1    | High   | 2462            | 3.07           | -36.82      | ≤-26.93    | PASS    |
|            | Ant2    | High   | 2462            | 2.88           | -37.41      | ≤-27.12    | PASS    |
| 11N40MIMO  | Ant1    | Low    | 2422            | 1.97           | -36.81      | ≤-28.03    | PASS    |
|            | Ant2    | Low    | 2422            | 1.57           | -36.87      | ≤-28.43    | PASS    |
|            | Ant1    | High   | 2452            | 2.91           | -37.48      | ≤-27.09    | PASS    |
|            | Ant2    | High   | 2452            | 2.25           | -36.77      | ≤-27.76    | PASS    |
| 11AX20MIMO | Ant1    | Low    | 2412            | 3.13           | -37.68      | ≤-26.87    | PASS    |
|            | Ant2    | Low    | 2412            | 3.17           | -37.51      | ≤-26.84    | PASS    |
|            | Ant1    | High   | 2462            | 3.92           | -37.06      | ≤-26.08    | PASS    |
|            | Ant2    | High   | 2462            | 3.31           | -37.02      | ≤-26.7     | PASS    |
| 11AX40MIMO | Ant1    | Low    | 2422            | 0.58           | -36.83      | ≤-29.43    | PASS    |
|            | Ant2    | Low    | 2422            | -0.06          | -37.71      | ≤-30.06    | PASS    |
|            | Ant1    | High   | 2452            | 1.02           | -35.52      | ≤-28.98    | PASS    |
|            | Ant2    | High   | 2452            | 0.21           | -36.95      | ≤-29.79    | PASS    |

| TestMode   | Antenna | ChName | Channel | Ru Size | Ru Index | Result [dBm] | Limit [dBm] | Verdict |
|------------|---------|--------|---------|---------|----------|--------------|-------------|---------|
| 11AX20MIMO | Ant1    | Low    | 2412    | 26Tone  | RU0      | -34.82       | ≤-20.97     | PASS    |
|            |         |        |         | 52Tone  | RU37     | -36.04       | ≤-21.94     | PASS    |
|            |         |        |         | 106Tone | RU53     | -35.9        | ≤-24.76     | PASS    |
|            | Ant2    | Low    | 2412    | 26Tone  | RU0      | -35.16       | ≤-20.05     | PASS    |
|            |         |        |         | 52Tone  | RU37     | -36.13       | ≤-23.51     | PASS    |
|            |         |        |         | 106Tone | RU53     | -34.21       | ≤-24.56     | PASS    |
|            | Ant1    | High   | 2462    | 26Tone  | RU8      | -35.48       | ≤-20.37     | PASS    |
|            |         |        |         | 52Tone  | RU40     | -36.24       | ≤-22.33     | PASS    |
|            |         |        |         | 106Tone | RU54     | -35.82       | ≤-24.67     | PASS    |
|            | Ant2    | High   | 2462    | 26Tone  | RU8      | -36.46       | ≤-19.8      | PASS    |
|            |         |        |         | 52Tone  | RU40     | -36.07       | ≤-22.74     | PASS    |
|            |         |        |         | 106Tone | RU54     | -36.55       | ≤-24.9      | PASS    |

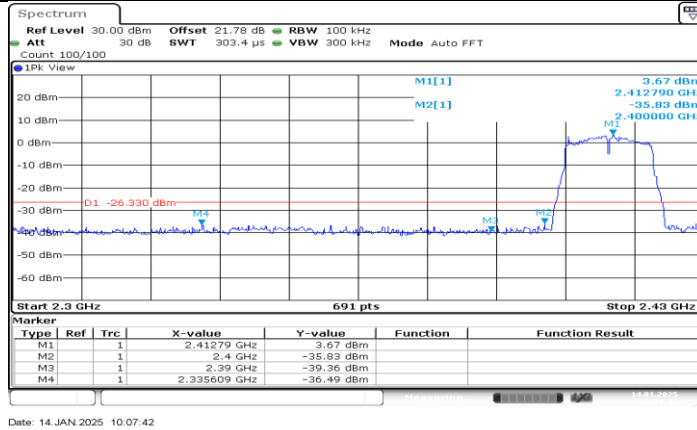


## 11.5.2. Test Graphs

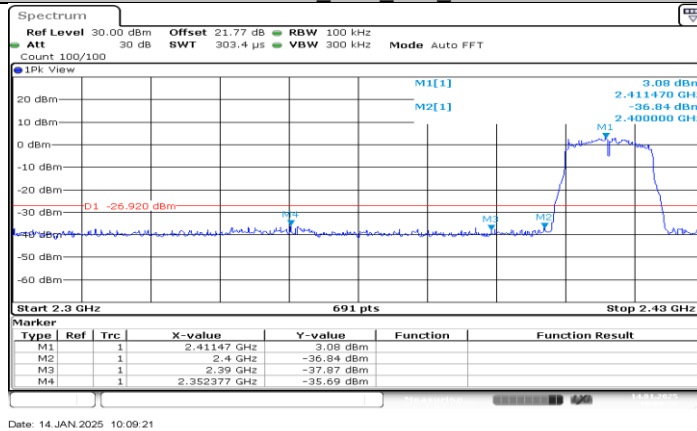




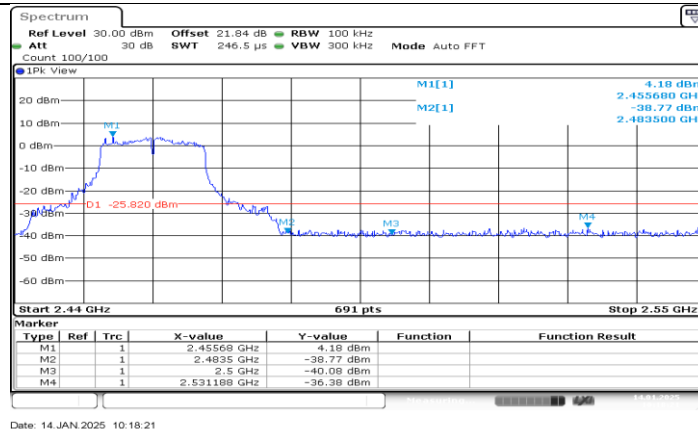
### 11B-CDD\_Ant2\_High\_2462



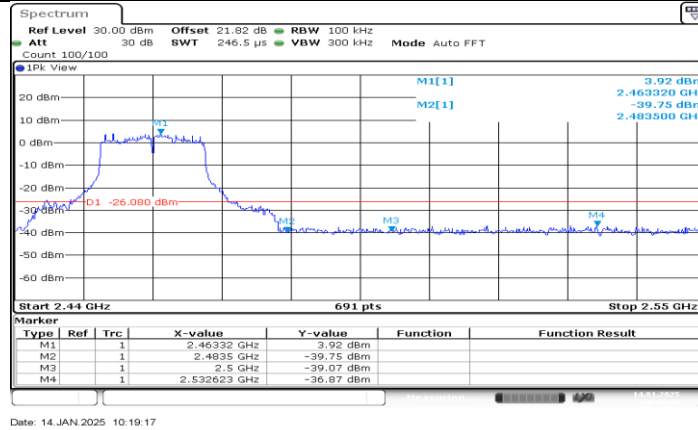
### 11G-CDD\_Ant1\_Low\_2412



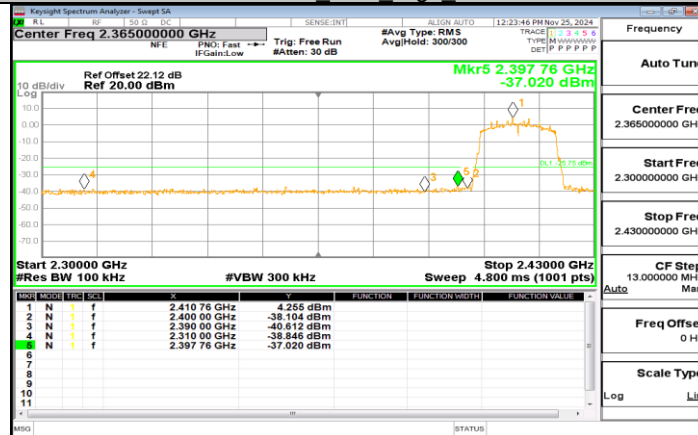
### 11G-CDD\_Ant2\_Low\_2412



11G-CDD\_Ant1\_High\_2462

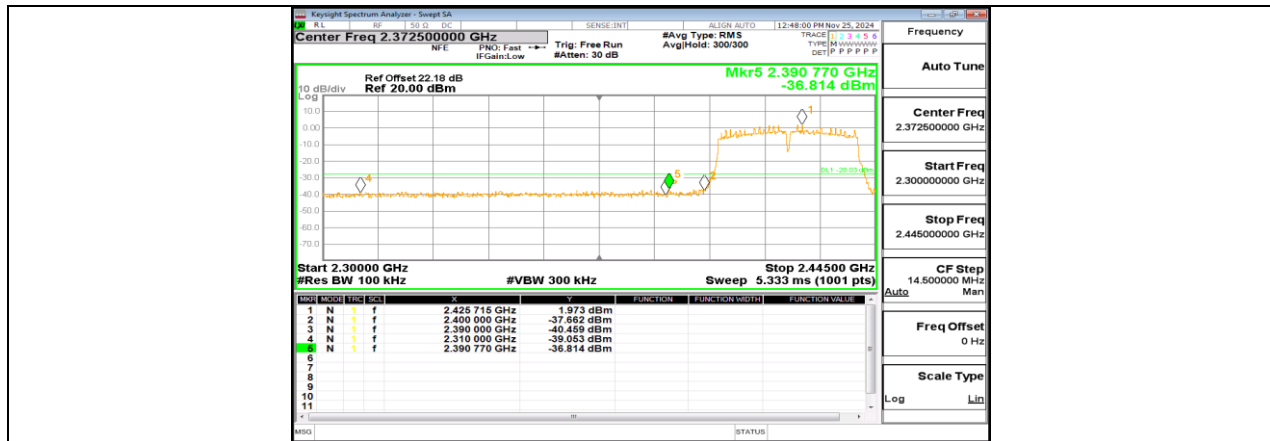


11G-CDD\_Ant2\_High\_2462

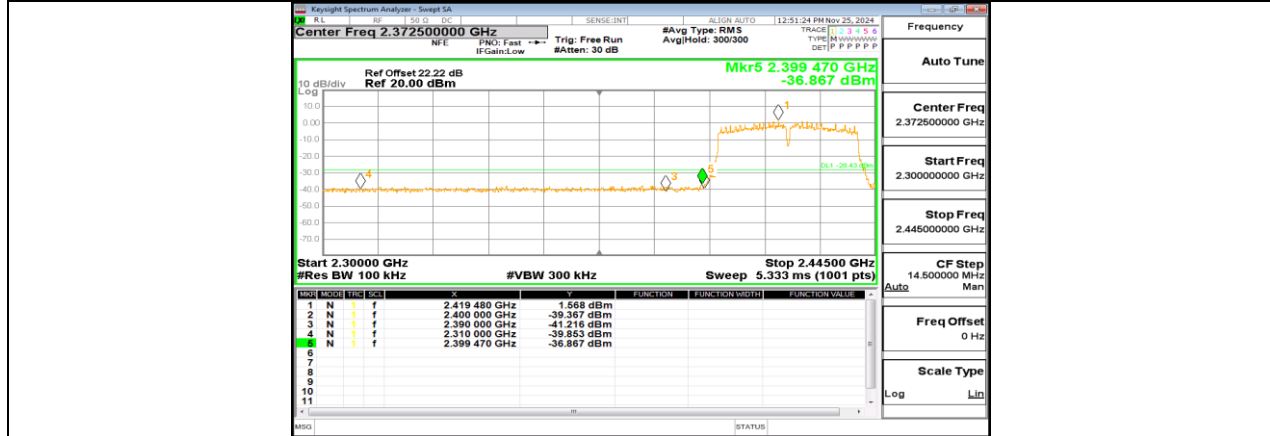


11N20MIMO\_Ant1\_Low\_2412

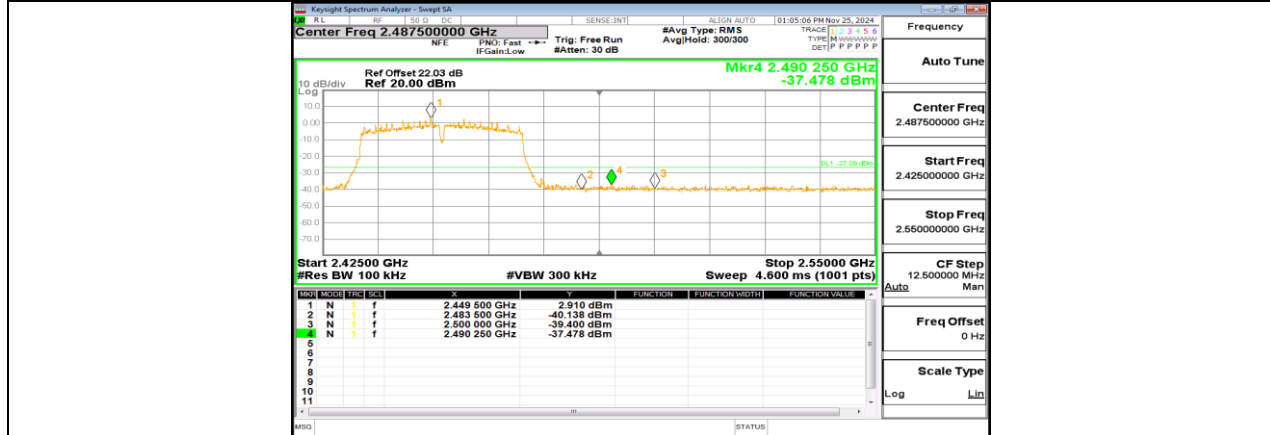




11N40MIMO Ant1 Low 2422



11N40MIMO Ant2 Low 2422



11N40MIMO Ant1 High 2452