# 3: Maximum conducted output power

## 3.1 Test Result Average

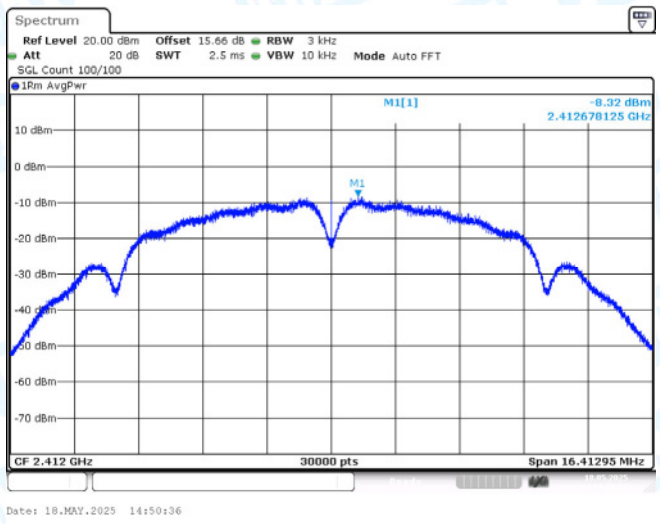
| Test Mode | Ant. | Frequency [MHz] | Result [dBm] | Limit [dBm] | Verdict |
|---|---|---|---|---|---|
| 11B | Ant1 | 2412 | 22.19 | ≤30.00 | PASS |
| 11B | Ant2 | 2412 | 21.24 | ≤30.00 | PASS |
| 11B | Ant1 | 2437 | 22.02 | ≤30.00 | PASS |
| 11B | Ant2 | 2437 | 21.88 | ≤30.00 | PASS |
| 11B | Ant1 | 2462 | 21.44 | ≤30.00 | PASS |
| 11B | Ant2 | 2462 | 22.59 | ≤30.00 | PASS |
| 11G | Ant1 | 2412 | 18.03 | ≤30.00 | PASS |
| 11G | Ant2 | 2412 | 17.51 | ≤30.00 | PASS |
| 11G | Ant1 | 2437 | 17.65 | ≤30.00 | PASS |
| 11G | Ant2 | 2437 | 17.93 | ≤30.00 | PASS |
| 11G | Ant1 | 2462 | 17.14 | ≤30.00 | PASS |
| 11G | Ant2 | 2462 | 16.83 | ≤30.00 | PASS |
| 11N20-CDD | Ant1 | 2412 | 17.74 | ≤30.00 | PASS |
| 11N20-CDD | Ant2 | 2412 | 17.28 | ≤30.00 | PASS |
| 11N20-CDD | total | 2412 | 20.53 | ≤30.00 | PASS |
| 11N20-CDD | Ant1 | 2437 | 17.89 | ≤30.00 | PASS |
| 11N20-CDD | Ant2 | 2437 | 17.28 | ≤30.00 | PASS |
| 11N20-CDD | total | 2437 | 20.61 | ≤30.00 | PASS |
| 11N20-CDD | Ant1 | 2462 | 17.34 | ≤30.00 | PASS |
| 11N20-CDD | Ant2 | 2462 | 17.00 | ≤30.00 | PASS |
| 11N20-CDD | total | 2462 | 20.18 | ≤30.00 | PASS |
| 11N40-CDD | Ant2 | 2422 | 15.36 | ≤30.00 | PASS |
| 11N40-CDD | total | 2422 | 18.60 | ≤30.00 | PASS |
| 11N40-CDD | Ant1 | 2422 | 15.80 | ≤30.00 | PASS |
| 11N40-CDD | Ant1 | 2437 | 16.03 | ≤30.00 | PASS |
| 11N40-CDD | Ant2 | 2437 | 14.96 | ≤30.00 | PASS |
| 11N40-CDD | total | 2437 | 18.54 | ≤30.00 | PASS |
| 11N40-CDD | Ant1 | 2452 | 15.56 | ≤30.00 | PASS |
| 11N40-CDD | Ant2 | 2452 | 14.59 | ≤30.00 | PASS |
| 11N40-CDD | total | 2452 | 18.11 | ≤30.00 | PASS |
| 11AX20-CDD | Ant1 | 2412 | 16.03 | ≤30.00 | PASS |
| 11AX20-CDD | Ant2 | 2412 | 15.56 | ≤30.00 | PASS |
| 11AX20-CDD | total | 2412 | 18.81 | ≤30.00 | PASS |
| 11AX20-CDD | Ant1 | 2437 | 15.64 | ≤30.00 | PASS |
| 11AX20-CDD | Ant2 | 2437 | 15.73 | ≤30.00 | PASS |
| 11AX20-CDD | total | 2437 | 18.70 | ≤30.00 | PASS |
| 11AX20-CDD | Ant1 | 2462 | 16.44 | ≤30.00 | PASS |
| 11AX20-CDD | Ant2 | 2462 | 16.15 | ≤30.00 | PASS |
| 11AX20-CDD | total | 2462 | 19.31 | ≤30.00 | PASS |
| 11AX40-CDD | Ant1 | 2422 | 16.30 | ≤30.00 | PASS |
| 11AX40-CDD | Ant2 | 2422 | 15.26 | ≤30.00 | PASS |
| 11AX40-CDD | total | 2422 | 18.82 | ≤30.00 | PASS |
| 11AX40-CDD | Ant1 | 2437 | 15.83 | ≤30.00 | PASS |
| 11AX40-CDD | Ant2 | 2437 | 15.00 | ≤30.00 | PASS |
| 11AX40-CDD | total | 2437 | 18.45 | ≤30.00 | PASS |
| 11AX40-CDD | Ant1 | 2452 | 16.15 | ≤30.00 | PASS |
| 11AX40-CDD | Ant2 | 2452 | 15.09 | ≤30.00 | PASS |
| 11AX40-CDD | total | 2452 | 18.66 | ≤30.00 | PASS |
| Note: For CDD Mode, Directional gain = $G_{ANT}$ + Array Gain, Array Gain = 0 dB (i.e., no array gain) for NANT ≤ 4; $G_{ANT1}$=4.1dBi；$G_{ANT2}$=2.5dBi；**CDD Mode** use max. antenna Gain, So the Directional gain＜6dBi, So the $P_{limit}$=30dBm. | | | | | |
| The Duty Cycle Factor is compensated in the data. | | | | | |

# 4: Maximum power spectral density

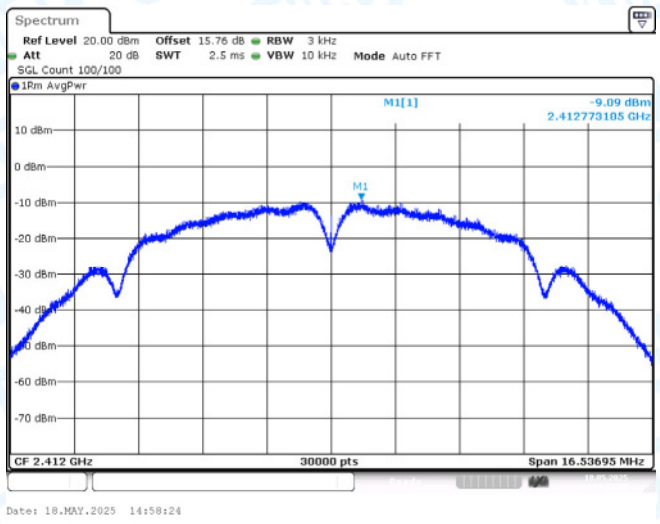
## 4.1 Test Result

| TestMode | Ant. | Frequency[MHz] | RawData [dBm/3kHz] | DC Factory | Result[dBm/3kHz] | Limit[dBm/3kHz] | Verdict |
|---|---|---|---|---|---|---|---|
| 11B | Ant1 | 2412 | -8.32 | 0.00 | -8.32 | ≤8.00 | PASS |
| 11B | Ant2 | 2412 | -9.09 | 0.00 | -9.09 | ≤8.00 | PASS |
| 11B | Ant1 | 2437 | -9.17 | 0.00 | -9.17 | ≤8.00 | PASS |
| 11B | Ant2 | 2437 | -6.04 | 0.00 | -6.04 | ≤8.00 | PASS |
| 11B | Ant1 | 2462 | -9.31 | 0.00 | -9.31 | ≤8.00 | PASS |
| 11B | Ant2 | 2462 | -6.43 | 0.00 | -6.43 | ≤8.00 | PASS |
| 11G | Ant1 | 2412 | -14.41 | 0.00 | -14.41 | ≤8.00 | PASS |
| 11G | Ant2 | 2412 | -15.06 | 0.00 | -15.06 | ≤8.00 | PASS |
| 11G | Ant1 | 2437 | -15.06 | 0.00 | -15.06 | ≤8.00 | PASS |
| 11G | Ant2 | 2437 | -14.9 | 0.00 | -14.90 | ≤8.00 | PASS |
| 11G | Ant1 | 2462 | -15.42 | 0.00 | -15.42 | ≤8.00 | PASS |
| 11G | Ant2 | 2462 | -16.15 | 0.00 | -16.15 | ≤8.00 | PASS |
| 11N20-CDD | Ant1 | 2412 | -15.75 | 0.00 | -15.75 | ≤8.00 | PASS |
| 11N20-CDD | Ant2 | 2412 | -15.48 | 0.00 | -15.48 | ≤8.00 | PASS |
| 11N20-CDD | total | 2412 | --- | --- | -12.60 | ≤7.65 | PASS |
| 11N20-CDD | Ant1 | 2437 | -15.41 | 0.00 | -15.41 | ≤8.00 | PASS |
| 11N20-CDD | Ant2 | 2437 | -15.27 | 0.00 | -15.27 | ≤8.00 | PASS |
| 11N20-CDD | total | 2437 | --- | --- | -12.33 | ≤7.65 | PASS |
| 11N20-CDD | Ant1 | 2462 | -15.49 | 0.00 | -15.49 | ≤8.00 | PASS |
| 11N20-CDD | Ant2 | 2462 | -15.69 | 0.00 | -15.69 | ≤8.00 | PASS |
| 11N20-CDD | total | 2462 | --- | --- | -12.58 | ≤7.65 | PASS |
| 11N40-CDD | Ant1 | 2422 | -19.58 | 0.00 | -19.58 | ≤8.00 | PASS |
| 11N40-CDD | Ant2 | 2422 | -19.76 | 0.00 | -19.76 | ≤8.00 | PASS |
| 11N40-CDD | total | 2422 | --- | --- | -16.66 | ≤7.65 | PASS |
| 11N40-CDD | Ant1 | 2437 | -19.54 | 0.00 | -19.54 | ≤8.00 | PASS |
| 11N40-CDD | Ant2 | 2437 | -20.45 | 0.00 | -20.45 | ≤8.00 | PASS |
| 11N40-CDD | total | 2437 | --- | --- | -16.96 | ≤7.65 | PASS |
| 11N40-CDD | Ant1 | 2452 | -19.92 | 0.00 | -19.92 | ≤8.00 | PASS |
| 11N40-CDD | Ant2 | 2452 | -20.74 | 0.00 | -20.74 | ≤8.00 | PASS |
| 11N40-CDD | total | 2452 | --- | --- | -17.30 | ≤7.65 | PASS |
| 11AX20-CDD | Ant1 | 2412 | -17.13 | 0.00 | -17.13 | ≤8.00 | PASS |
| 11AX20-CDD | Ant2 | 2412 | -18.19 | 0.00 | -18.19 | ≤8.00 | PASS |
| 11AX20-CDD | total | 2412 | --- | --- | -14.62 | ≤7.65 | PASS |
| 11AX20-CDD | Ant1 | 2437 | -18.33 | 0.00 | -18.33 | ≤8.00 | PASS |
| 11AX20-CDD | Ant2 | 2437 | -18.16 | 0.00 | -18.16 | ≤8.00 | PASS |
| 11AX20-CDD | total | 2437 | --- | --- | -15.23 | ≤7.65 | PASS |
| 11AX20-CDD | Ant1 | 2462 | -16.86 | 0.00 | -16.86 | ≤8.00 | PASS |
| 11AX20-CDD | Ant2 | 2462 | -17.13 | 0.00 | -17.13 | ≤8.00 | PASS |
| 11AX20-CDD | total | 2462 | --- | --- | -13.98 | ≤7.65 | PASS |
| 11AX40-CDD | Ant1 | 2422 | -19.19 | 0.00 | -19.19 | ≤8.00 | PASS |
| 11AX40-CDD | Ant2 | 2422 | -20.14 | 0.00 | -20.14 | ≤8.00 | PASS |
| 11AX40-CDD | total | 2422 | --- | --- | -16.63 | ≤7.65 | PASS |
| 11AX40-CDD | Ant1 | 2437 | -19.83 | 0.00 | -19.83 | ≤8.00 | PASS |
| 11AX40-CDD | Ant2 | 2437 | -20.54 | 0.00 | -20.54 | ≤8.00 | PASS |
| 11AX40-CDD | total | 2437 | --- | --- | -17.16 | ≤7.65 | PASS |
| 11AX40-CDD | Ant1 | 2452 | -20.11 | 0.00 | -20.11 | ≤8.00 | PASS |
| 11AX40-CDD | Ant2 | 2452 | -21.03 | 0.00 | -21.03 | ≤8.00 | PASS |
| 11AX40-CDD | total | 2452 | --- | --- | -17.54 | ≤7.65 | PASS |
| Note:For CDD Mode, Directional gain = 10 log[$(10^{G1/20} + 10^{G2/20})^2$ / 2]=8.08dBi; $G_{ANT1}$=4.1dBi； $G_{ANT2}$=2.5dBi and the Directional gain＞6dBi, So the $PSD_{limit}$=$PSD_{limit}$-(6.35-6)=7.65dBm/3kHz. | | | | | | | |
| The Duty Cycle＞98%, So the Duty Cycle Facto=0. | | | | | | | |

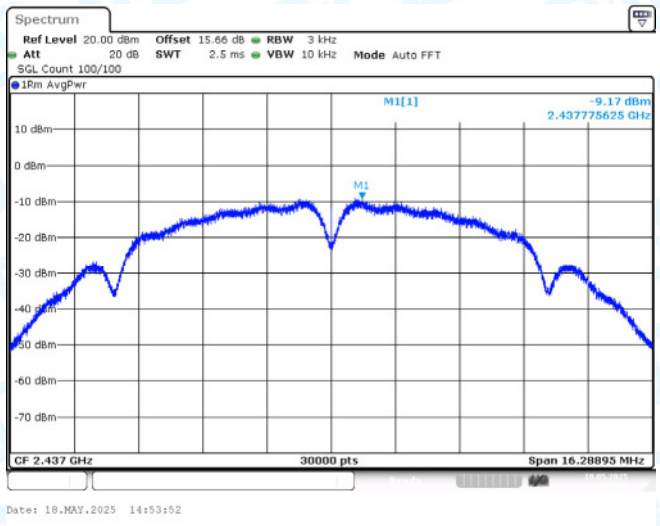
## 4.2 Test Graphs



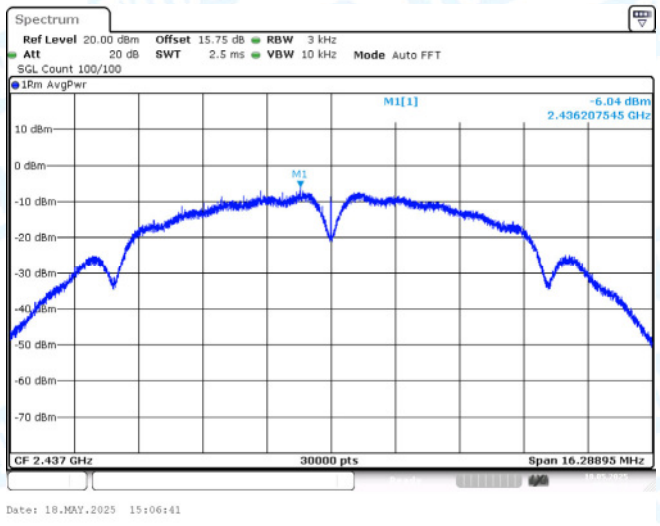

11B-Ant1-2412-PASS



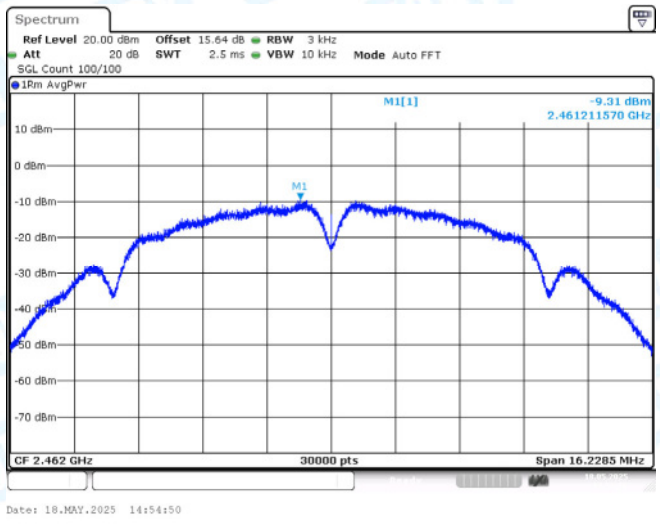

11B-Ant2-2412-PASS



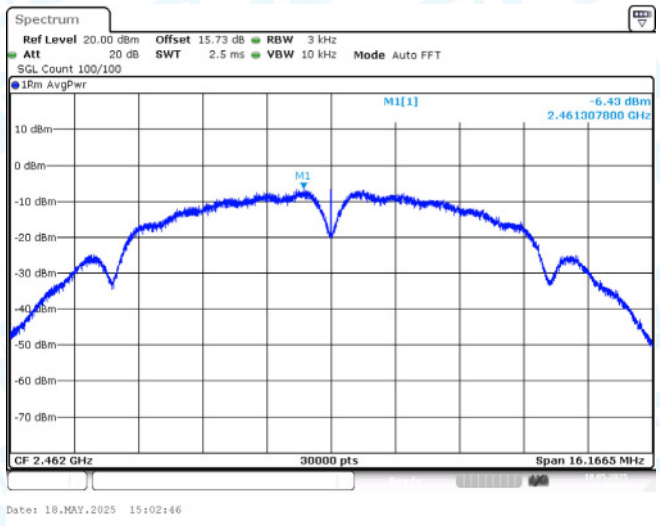

11B-Ant1-2437-PASS



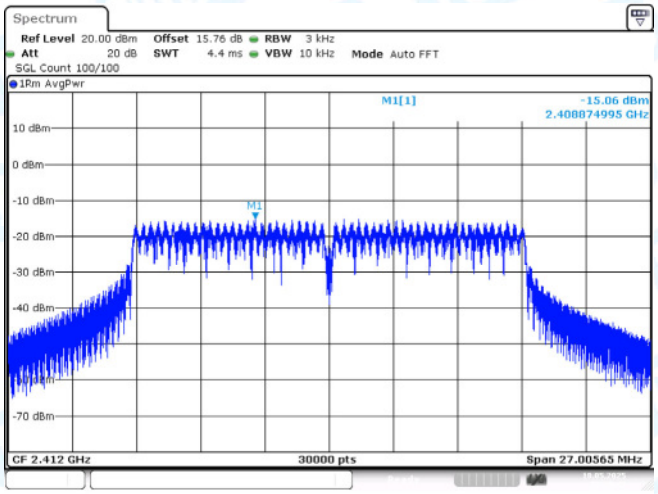

11B-Ant2-2437-PASS



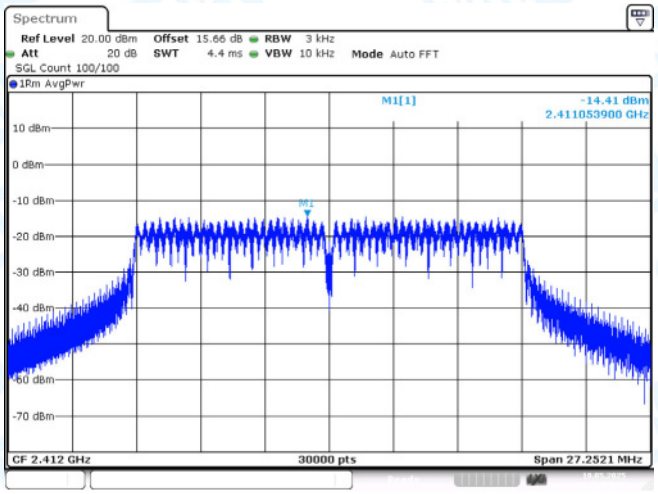

11B-Ant1-2462-PASS



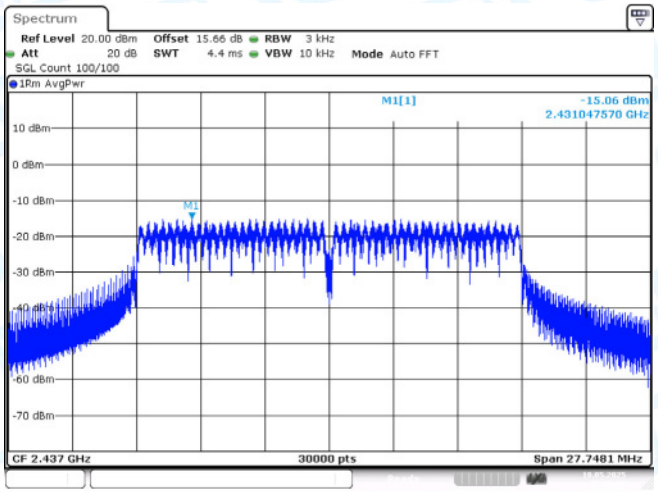

11B-Ant2-2462-PASS



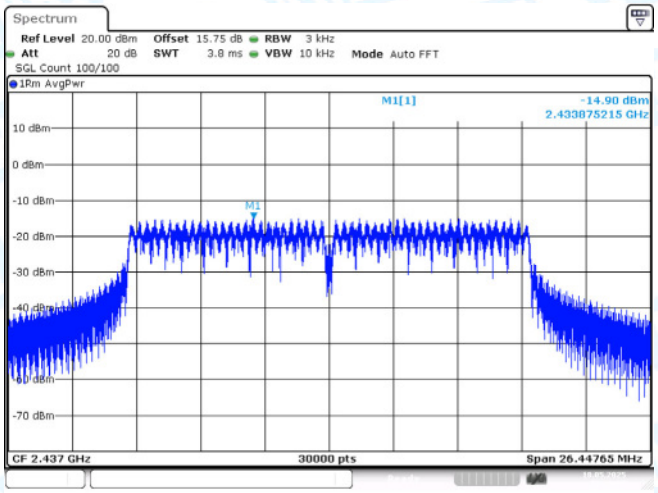

11G-Ant2-2412-PASS



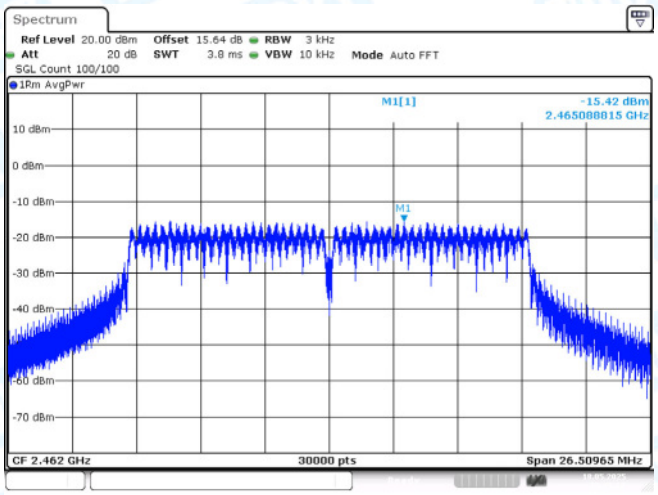

11G-Ant1-2412-PASS



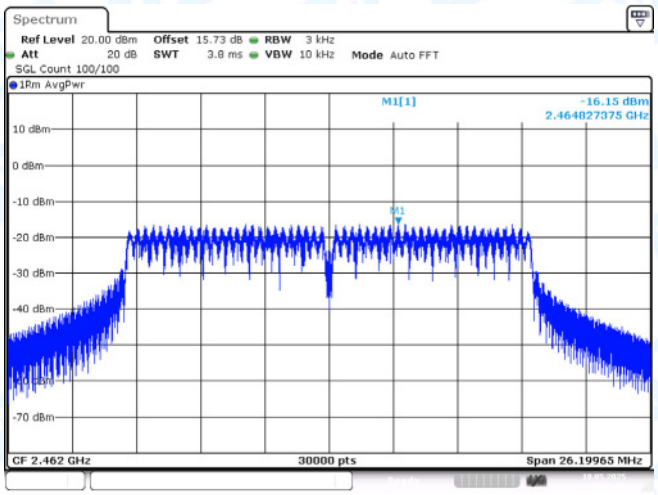

11G-Ant1-2437-PASS



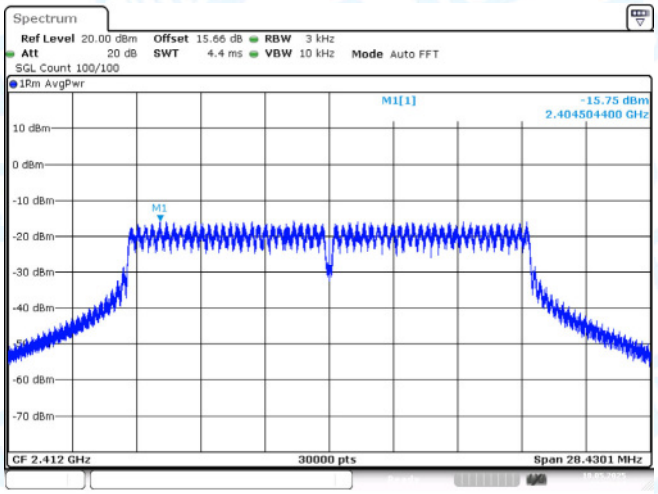

11G-Ant2-2437-PASS



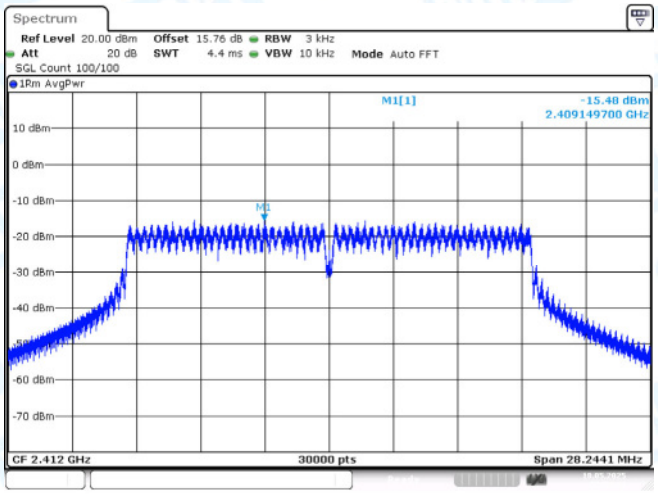

11G-Ant1-2462-PASS



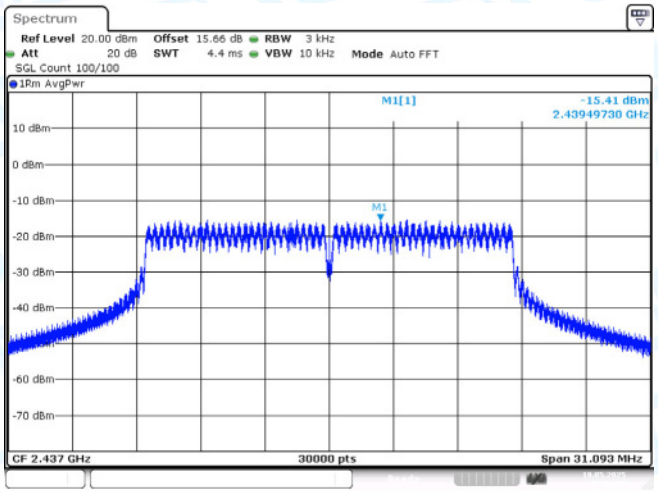

11G-Ant2-2462-PASS



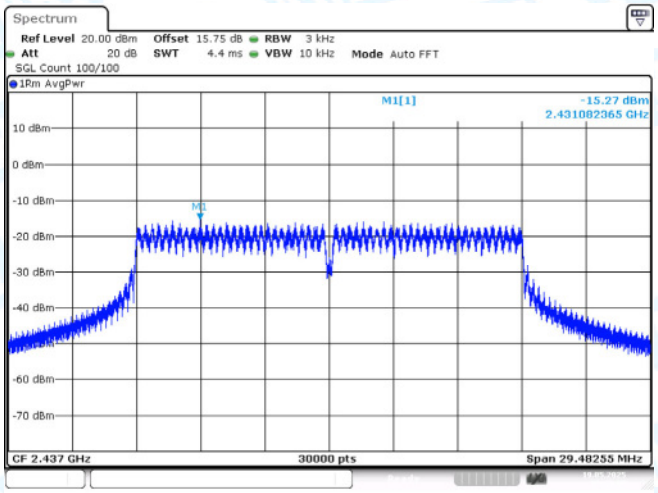

11N20-CDD-Ant1-2412-PASS



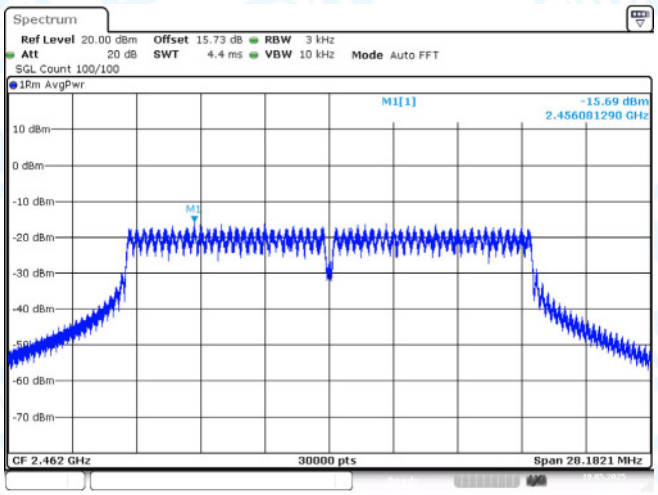

11N20-CDD-Ant2-2412-PASS



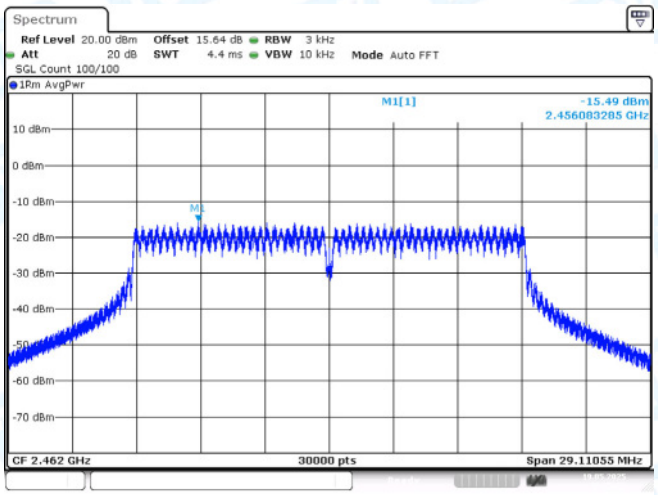

11N20-CDD-Ant1-2437-PASS



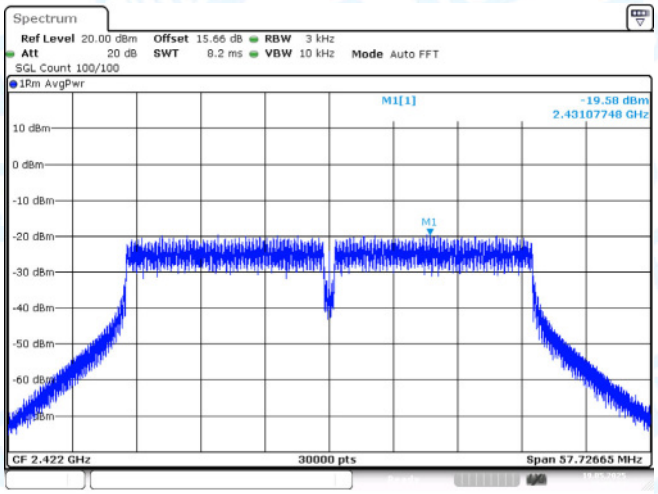

11N20-CDD-Ant2-2437-PASS



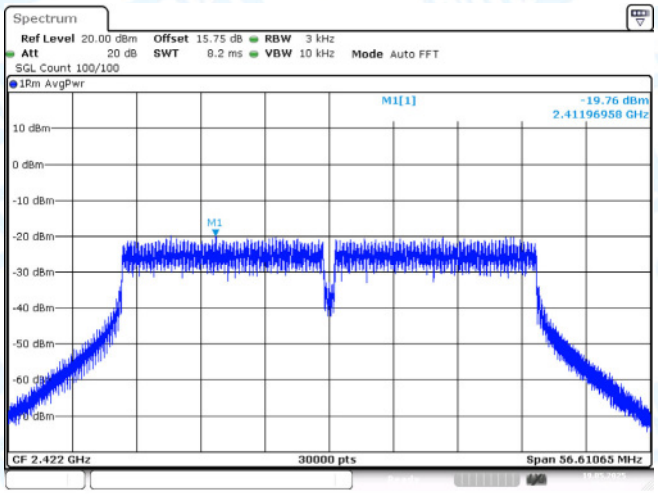

11N20-CDD-Ant2-2462-PASS



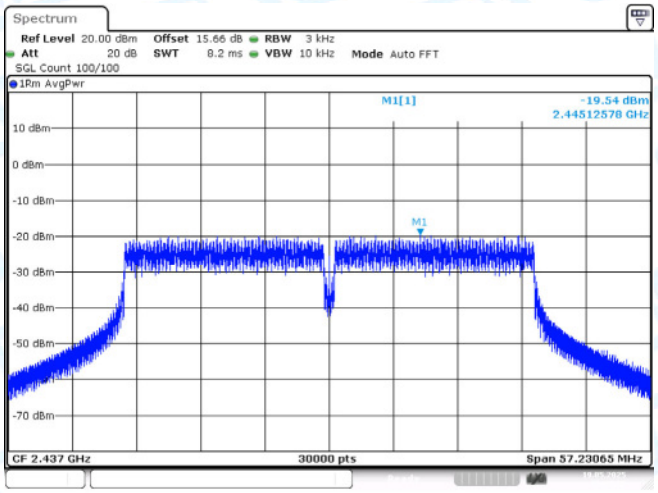

11N20-CDD-Ant1-2462-PASS



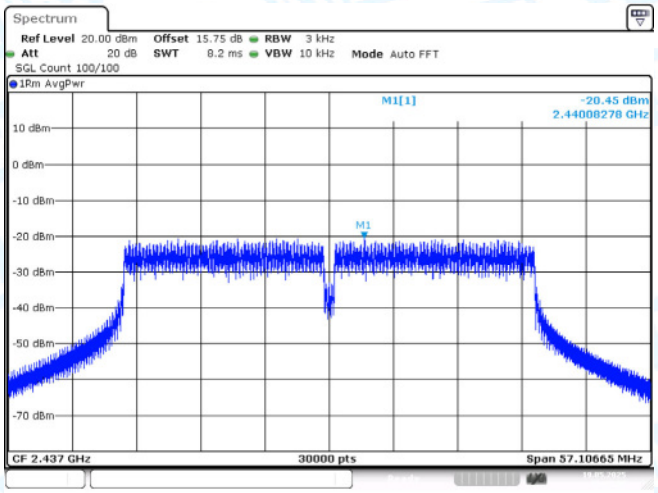

11N40-CDD-Ant1-2422-PASS



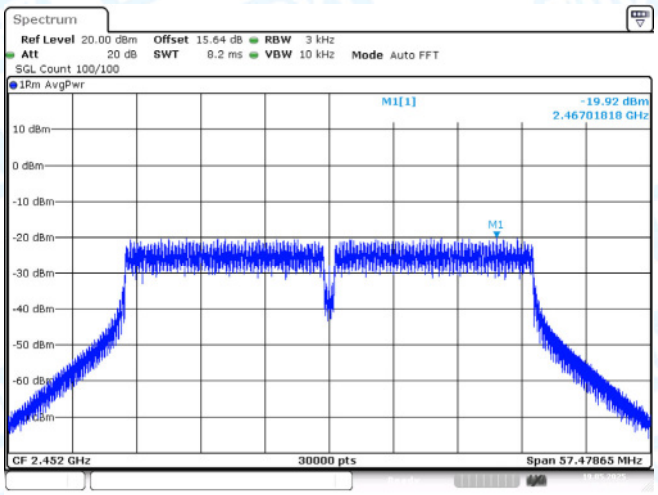

11N40-CDD-Ant2-2422-PASS



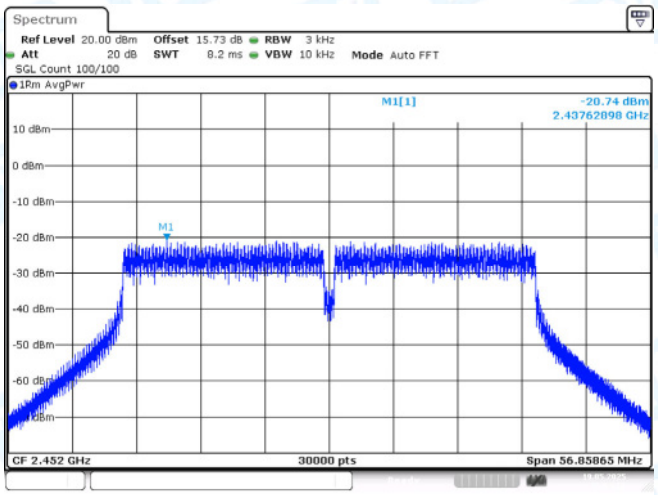

11N40-CDD-Ant1-2437-PASS



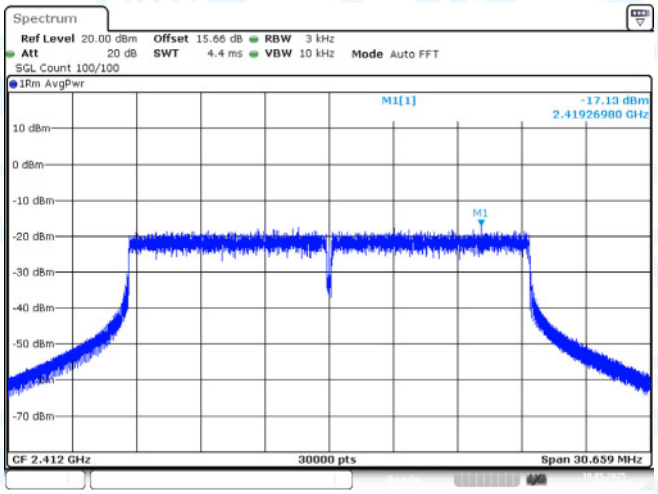

11N40-CDD-Ant2-2437-PASS



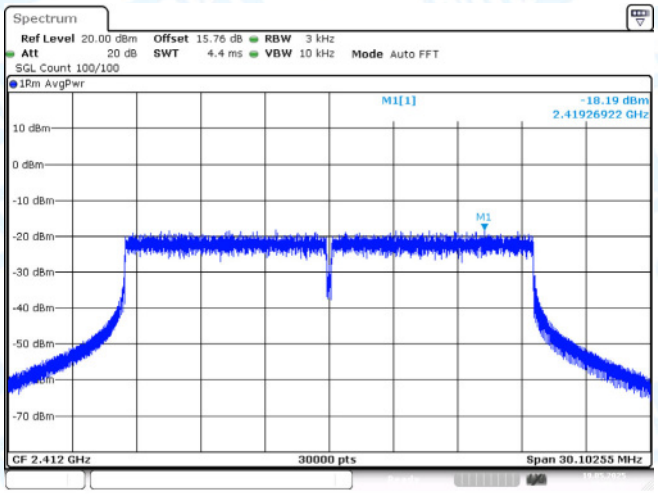

11N40-CDD-Ant1-2452-PASS



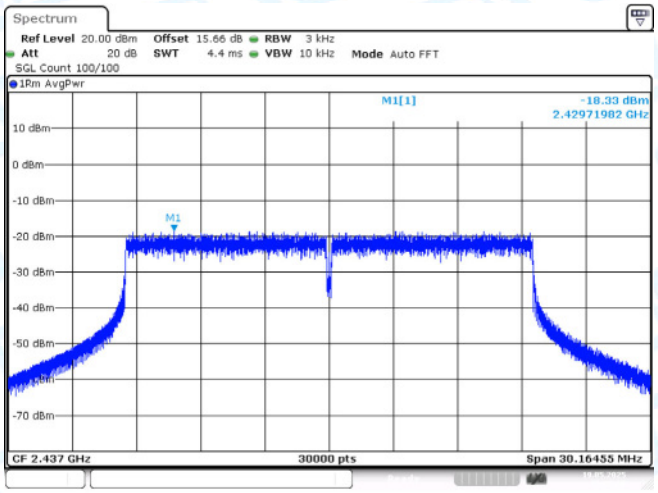

11N40-CDD-Ant2-2452-PASS



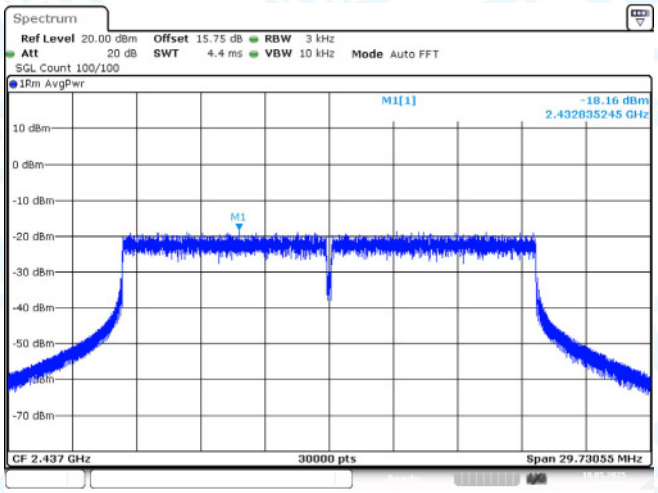

11AX20-CDD-Ant1-2412-PASS



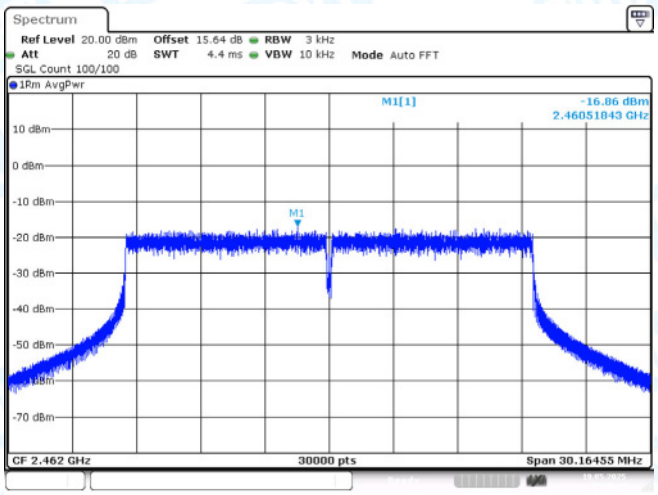

11AX20-CDD-Ant2-2412-PASS



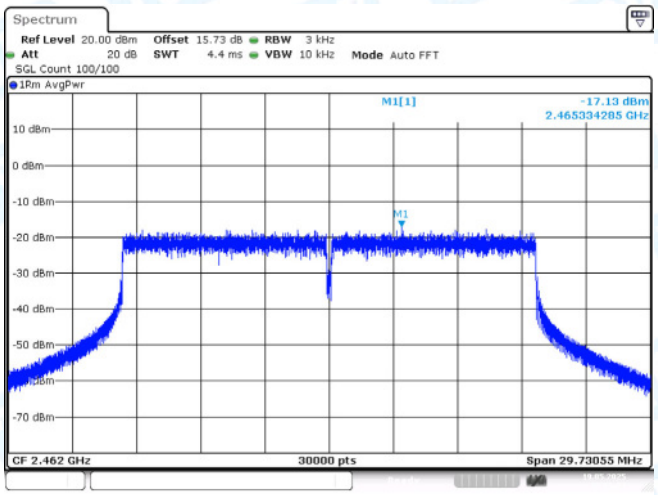

11AX20-CDD-Ant1-2437-PASS



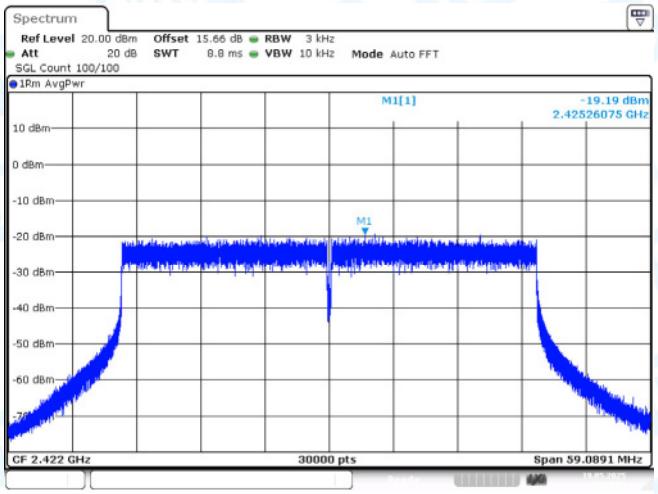

11AX20-CDD-Ant2-2437-PASS



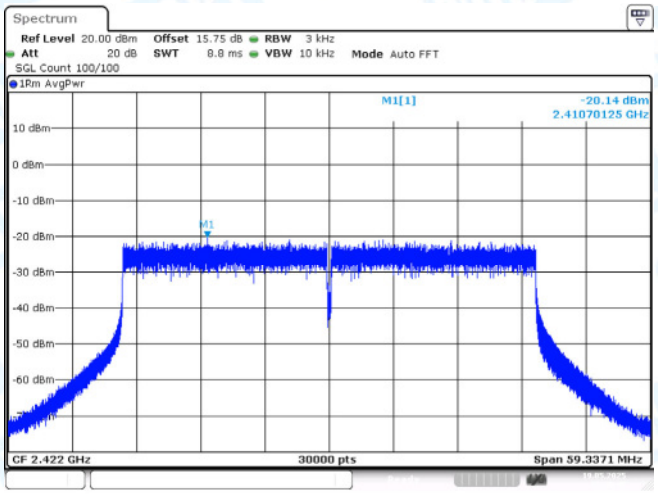

11AX20-CDD-Ant1-2462-PASS



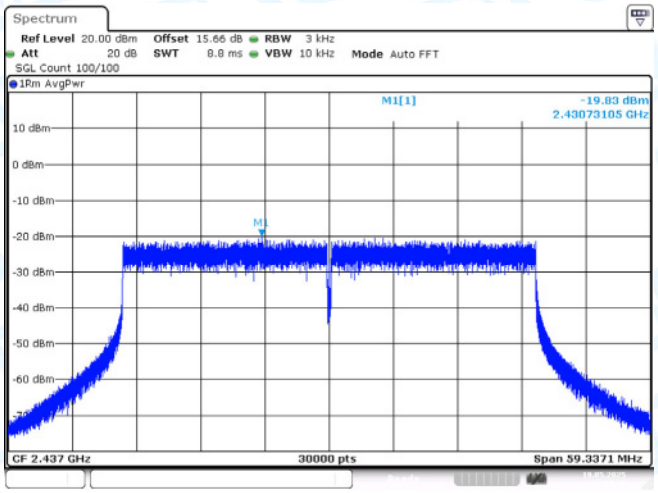

11AX20-CDD-Ant2-2462-PASS



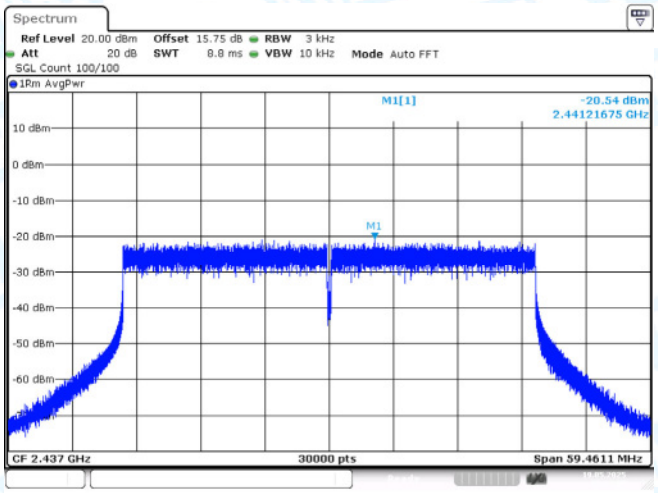

11AX40-CDD-Ant1-2422-PASS



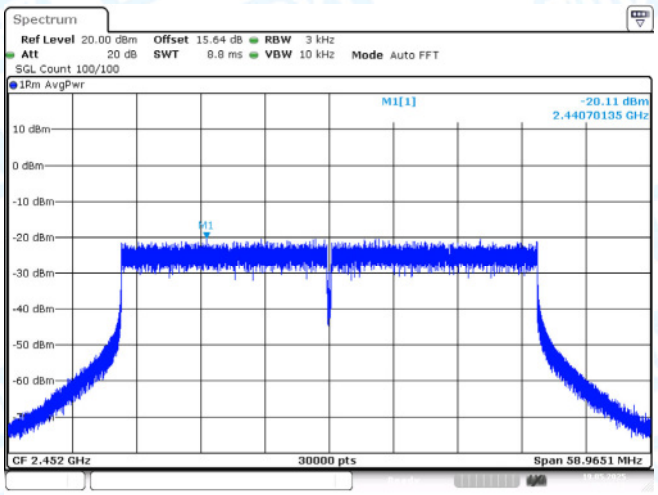

11AX40-CDD-Ant2-2422-PASS



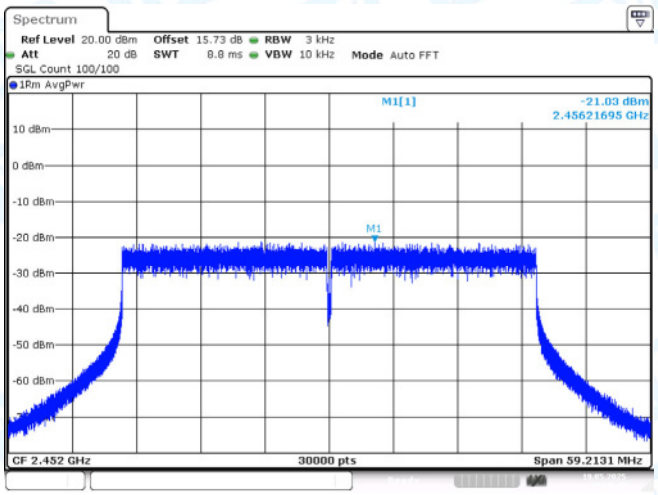

11AX40-CDD-Ant1-2437-PASS




11AX40-CDD-Ant2-2437-PASS




11AX40-CDD-Ant1-2452-PASS



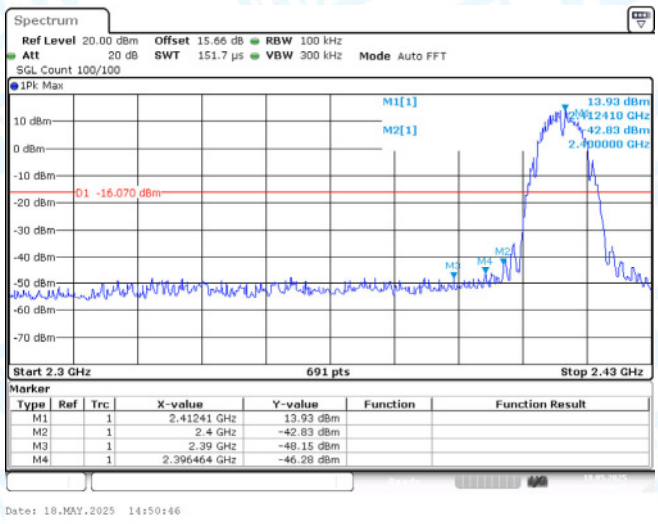

11AX40-CDD-Ant2-2452-PASS

# 5: Band edge measurements

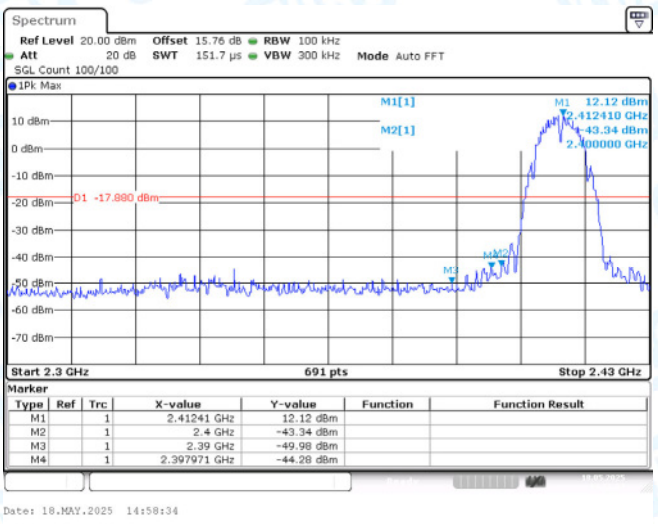
## 5.1 Test Result

| TestMode | Ant. | ChName | Frequency[MHz] | RefLevel[dBm] | Result[dBm] | Limit[dBm] | Verdict |
|---|---|---|---|---|---|---|---|
| 11B | Ant1 | Low | 2412 | 13.93 | -46.28 | ≤-16.07 | PASS |
| 11B | Ant2 | Low | 2412 | 12.12 | -44.28 | ≤-17.88 | PASS |
| 11B | Ant1 | High | 2462 | 11.61 | -47.59 | ≤-18.39 | PASS |
| 11B | Ant2 | High | 2462 | 13.98 | -41.86 | ≤-16.02 | PASS |
| 11G | Ant1 | Low | 2412 | 2.87 | -28.86 | ≤-27.13 | PASS |
| 11G | Ant2 | Low | 2412 | 2.38 | -29.8 | ≤-27.62 | PASS |
| 11G | Ant1 | High | 2462 | 1.93 | -49.48 | ≤-28.07 | PASS |
| 11G | Ant2 | High | 2462 | 2.99 | -49.16 | ≤-27.01 | PASS |
| 11N20-CDD | Ant1 | Low | 2412 | 3.02 | -27.75 | ≤-26.98 | PASS |
| 11N20-CDD | Ant2 | Low | 2412 | 2.97 | -27.53 | ≤-27.03 | PASS |
| 11N20-CDD | Ant1 | High | 2462 | 2.12 | -49.82 | ≤-27.88 | PASS |
| 11N20-CDD | Ant2 | High | 2462 | 1.89 | -48.68 | ≤-28.11 | PASS |
| 11N40-CDD | Ant1 | Low | 2422 | -1.68 | -33.23 | ≤-31.68 | PASS |
| 11N40-CDD | Ant2 | Low | 2422 | -1.52 | -35.48 | ≤-31.52 | PASS |
| 11N40-CDD | Ant1 | High | 2452 | -2.13 | -51.42 | ≤-32.13 | PASS |
| 11N40-CDD | Ant2 | High | 2452 | -2.75 | -50.83 | ≤-32.75 | PASS |
| 11AX20-CDD | Ant1 | Low | 2412 | 0.17 | -34.71 | ≤-29.83 | PASS |
| 11AX20-CDD | Ant2 | Low | 2412 | 0.12 | -38.83 | ≤-29.88 | PASS |
| 11AX20-CDD | Ant1 | High | 2462 | 0.74 | -50.7 | ≤-29.26 | PASS |
| 11AX20-CDD | Ant2 | High | 2462 | 0.07 | -50.67 | ≤-29.93 | PASS |
| 11AX40-CDD | Ant1 | Low | 2422 | -1.98 | -43.69 | ≤-31.98 | PASS |
| 11AX40-CDD | Ant2 | Low | 2422 | -3.43 | -37.56 | ≤-33.43 | PASS |
| 11AX40-CDD | Ant1 | High | 2452 | -1.45 | -50.26 | ≤-31.45 | PASS |
| 11AX40-CDD | Ant2 | High | 2452 | -3.47 | -50.84 | ≤-33.47 | PASS |

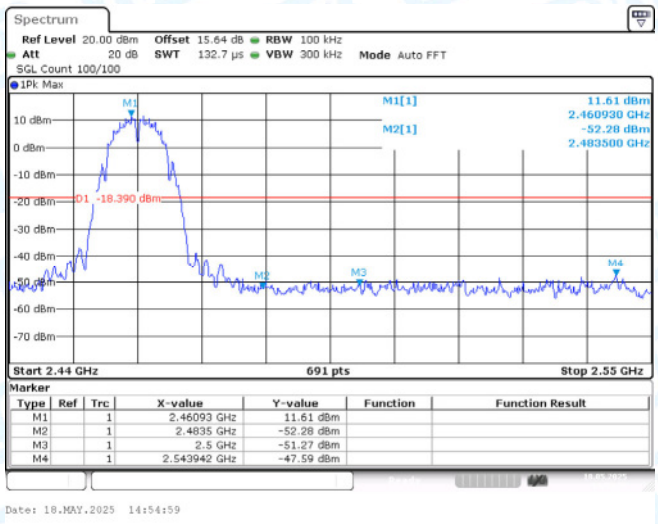
## 5.2 Test Graphs



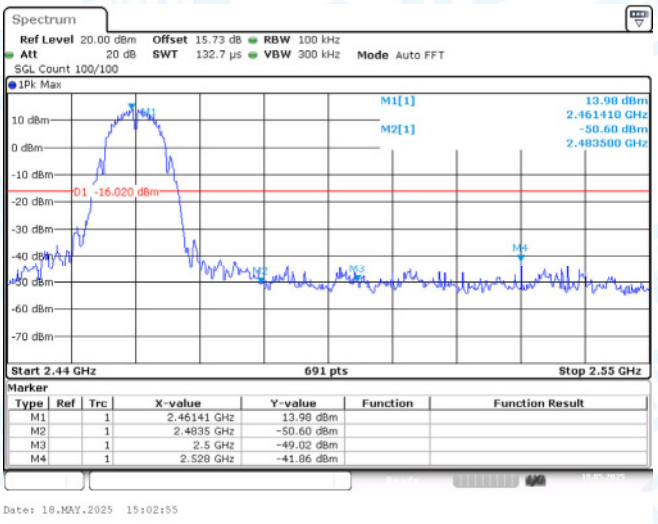

11B-Ant1-2412-PASS



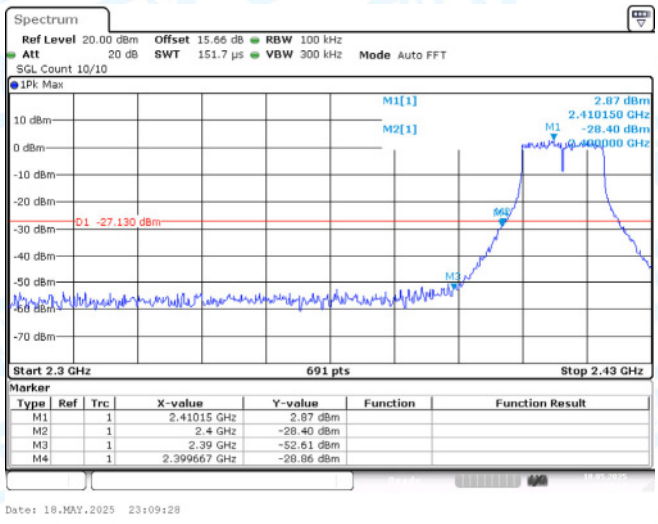

11B-Ant2-2412-PASS



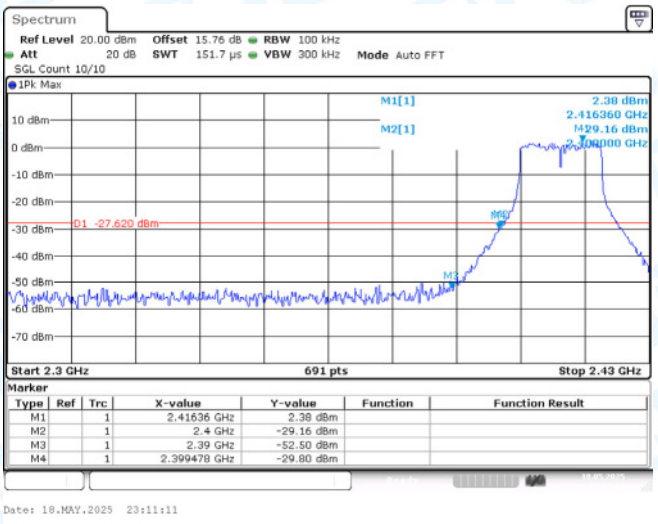

11B-Ant1-2462-PASS



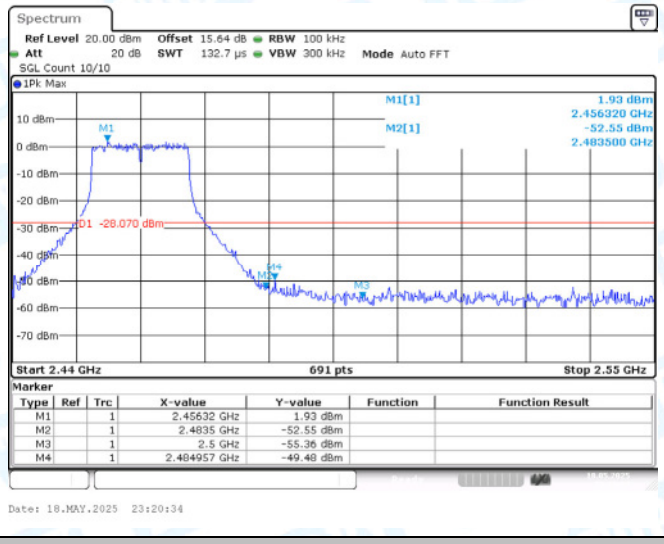

11B-Ant2-2462-PASS



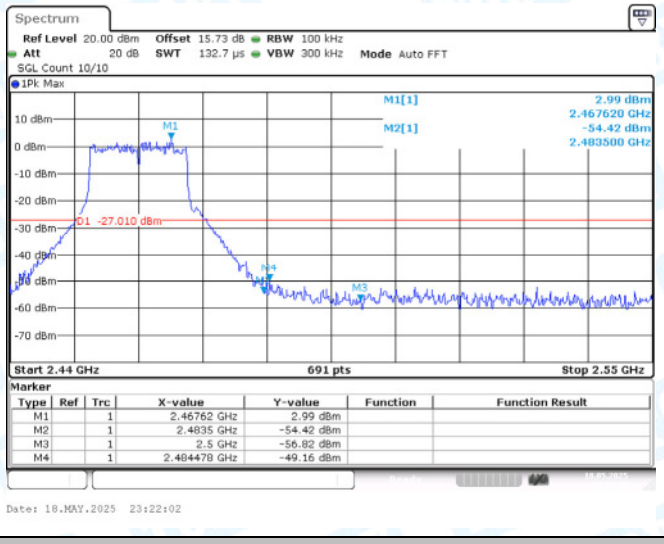

11G-Ant1-2412-PASS



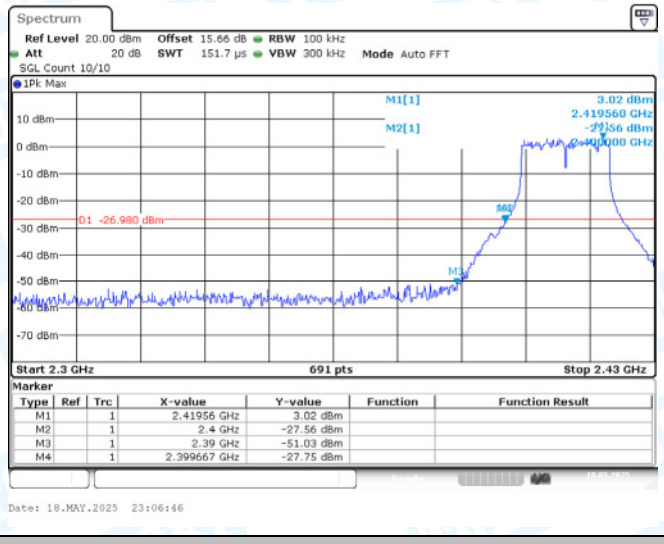

11G-Ant2-2412-PASS



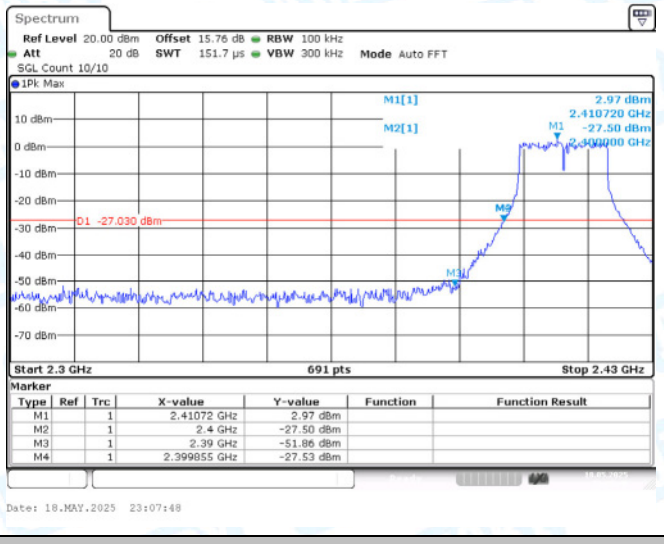

11G-Ant1-2462-PASS



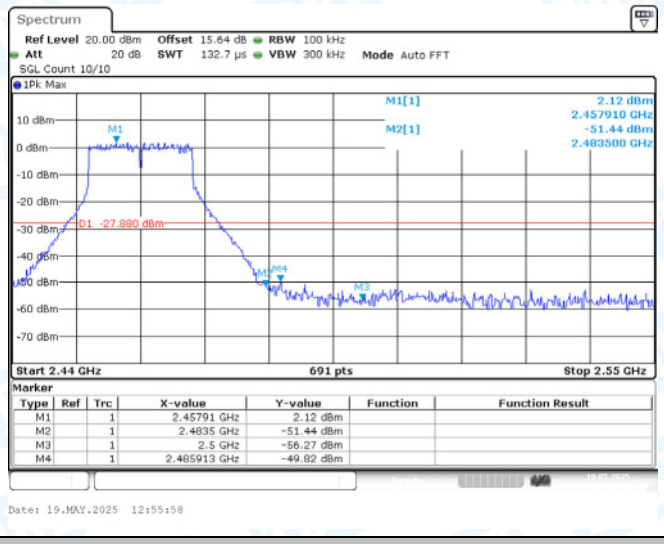

11G-Ant2-2462-PASS



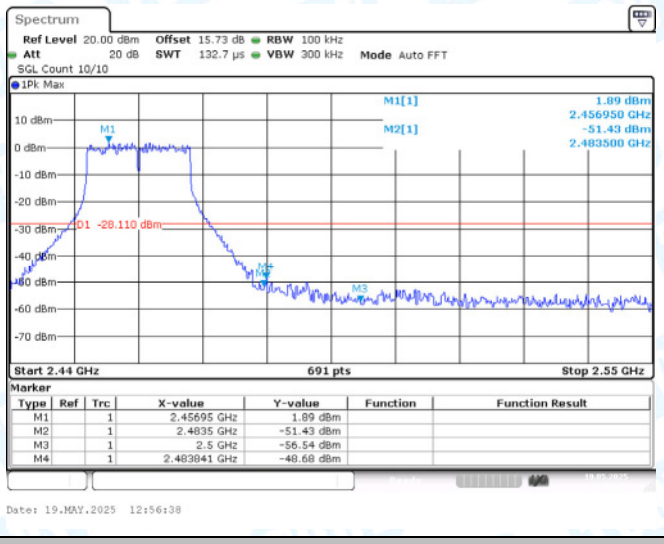

11N20-CDD-Ant1-2412-PASS



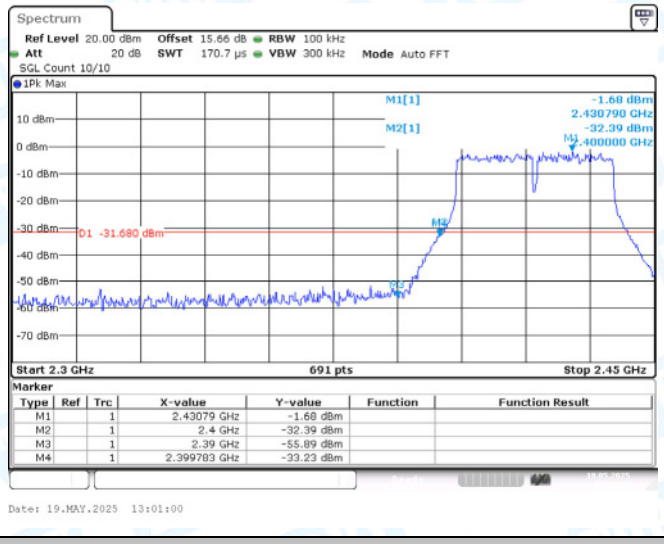

11N20-CDD-Ant2-2412-PASS



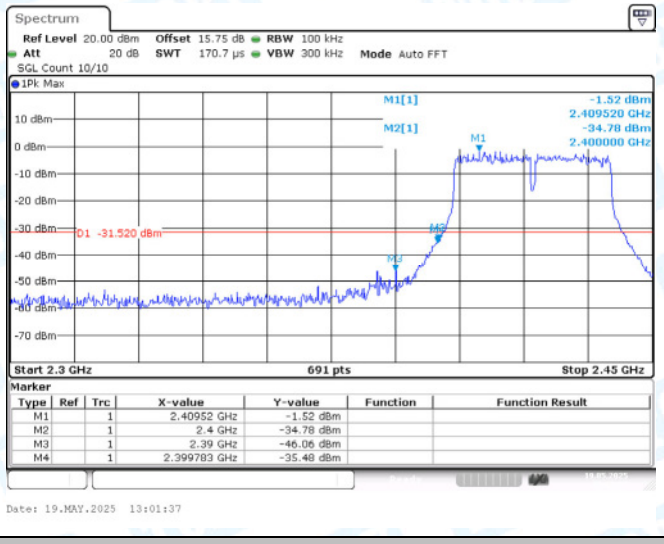

11N20-CDD-Ant1-2462-PASS



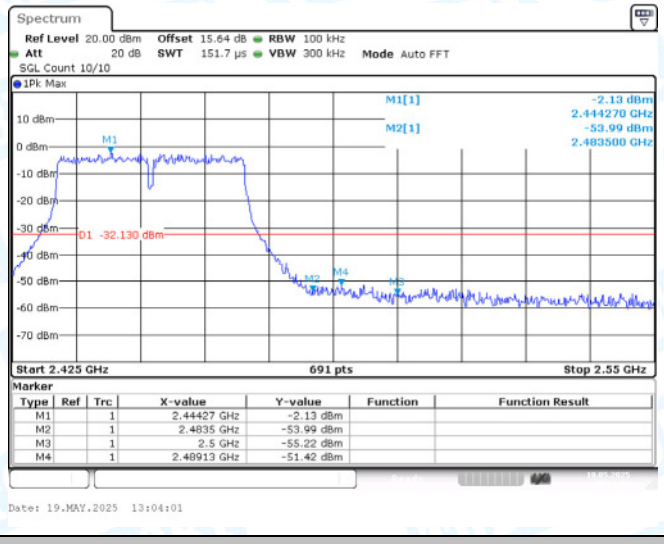

11N20-CDD-Ant2-2462-PASS



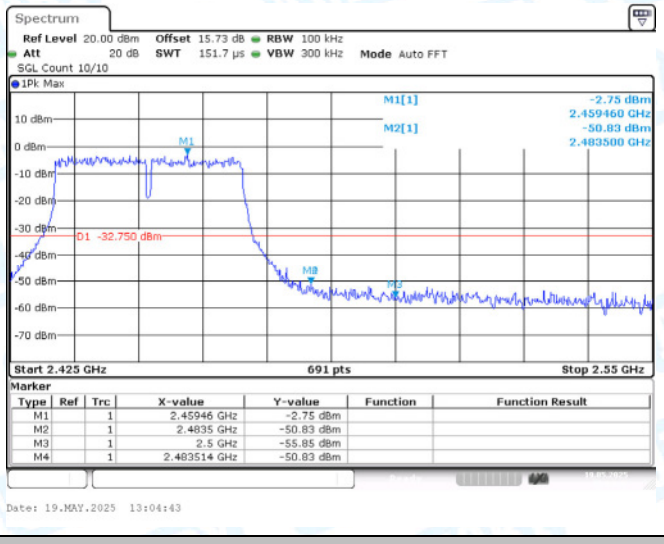

11N40-CDD-Ant1-2422-PASS



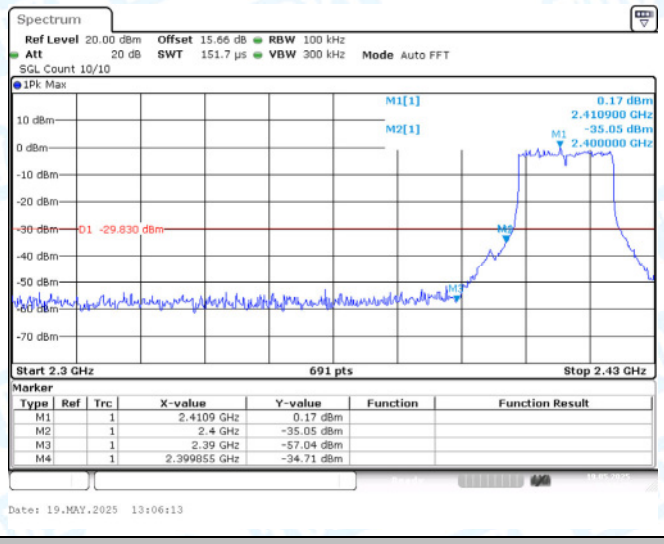

11N40-CDD-Ant2-2422-PASS



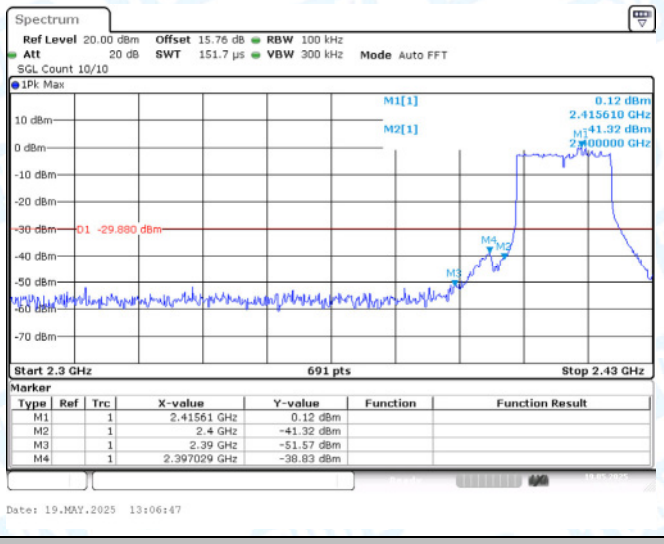

11N40-CDD-Ant1-2452-PASS



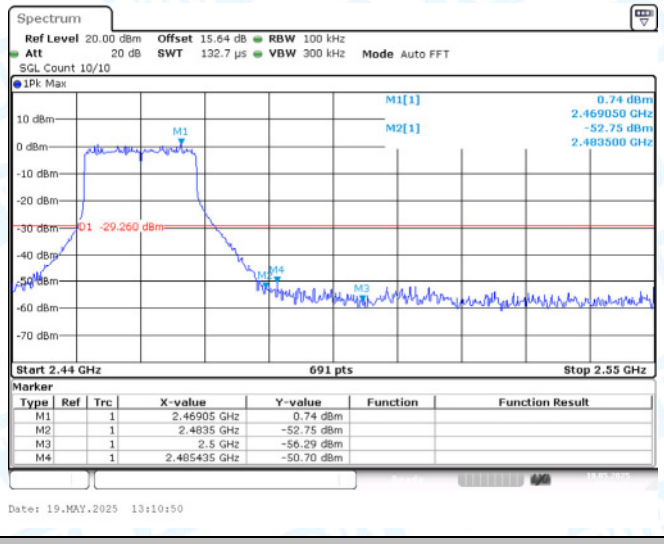

11N40-CDD-Ant2-2452-PASS



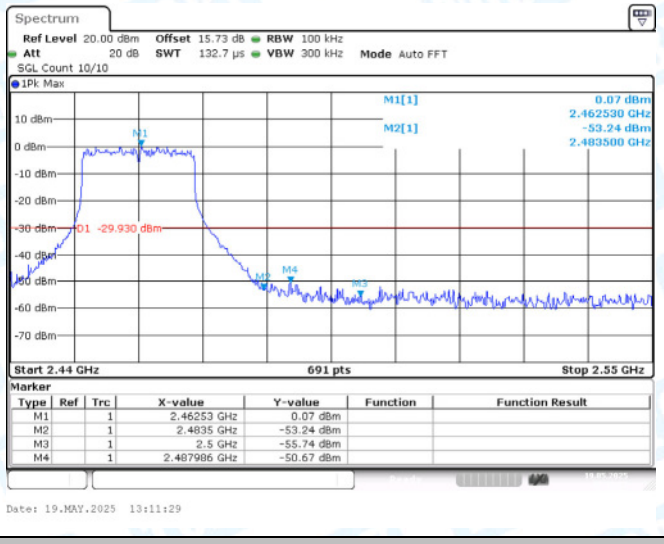

11AX20-CDD-Ant1-2412-PASS



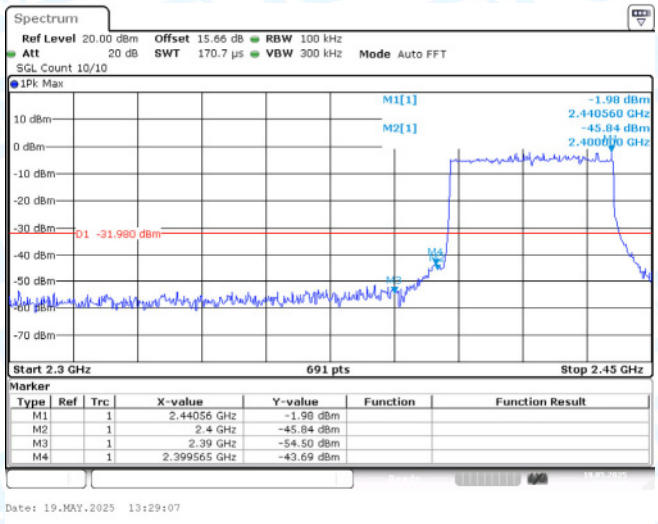

11AX20-CDD-Ant2-2412-PASS



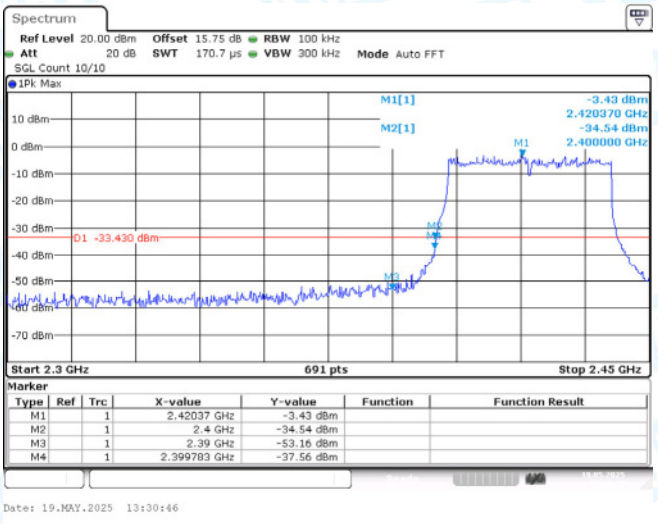

11AX20-CDD-Ant1-2462-PASS



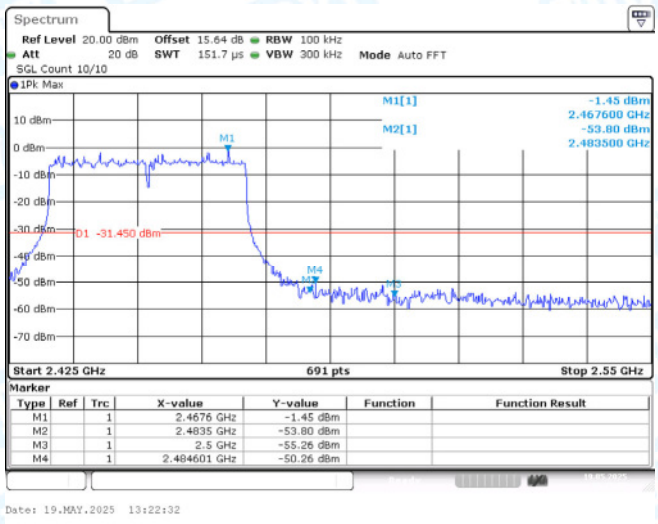

11AX20-CDD-Ant2-2462-PASS



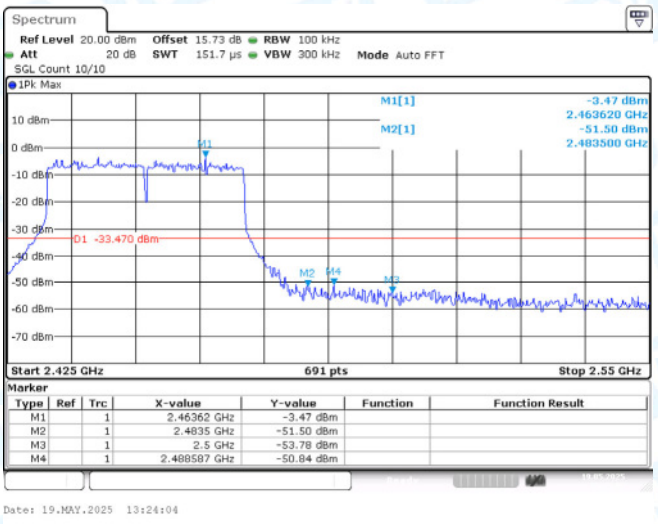

11AX40-CDD-Ant1-2422-PASS




11AX40-CDD-Ant2-2422-PASS




11AX40-CDD-Ant1-2452-PASS




11AX40-CDD-Ant2-2452-PASS

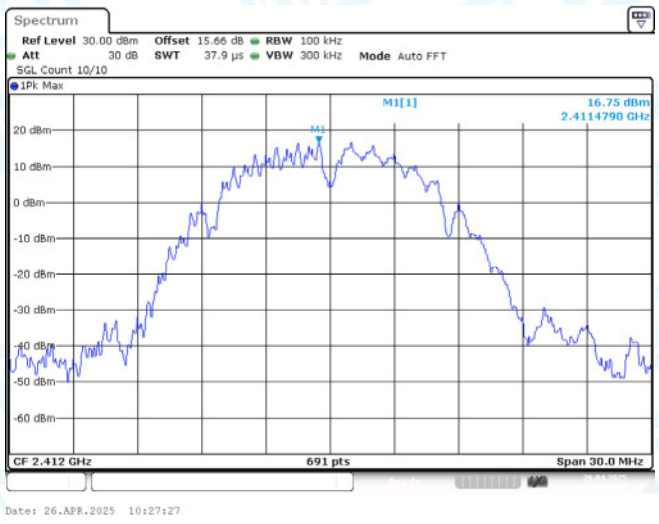
# 6: Conducted Spurious Emission

## 6.1 Test Result

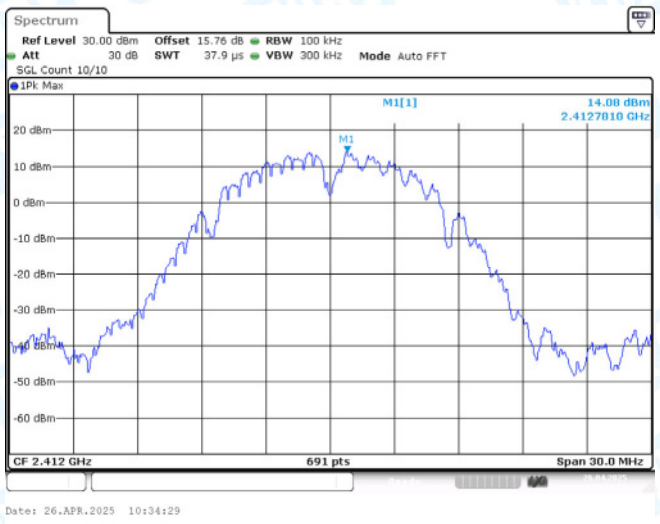
| TestMode | Ant. | Frequency [MHz] | FreqRange [MHz] | RefLevel [dBm] | Result [dBm] | Limit [dBm] | Verdict |
|---|---|---|---|---|---|---|---|
| 11B | Ant1 | 2412 | 0~Reference | 16.75 | 16.75 | --- | PASS |
| 11B | Ant2 | 2412 | 0~Reference | 14.08 | 14.08 | --- | PASS |
| 11B | Ant1 | 2412 | 30~1000 | 16.75 | -50.64 | ≤-13.25 | PASS |
| 11B | Ant2 | 2412 | 30~1000 | 14.08 | -52.19 | ≤-15.92 | PASS |
| 11B | Ant1 | 2412 | 1000~26500 | 16.75 | -42.59 | ≤-13.25 | PASS |
| 11B | Ant2 | 2412 | 1000~26500 | 14.08 | -43.24 | ≤-15.92 | PASS |
| 11B | Ant1 | 2437 | 0~Reference | 15.45 | 15.45 | --- | PASS |
| 11B | Ant2 | 2437 | 0~Reference | 14.22 | 14.22 | --- | PASS |
| 11B | Ant1 | 2437 | 30~1000 | 15.45 | -51.25 | ≤-14.55 | PASS |
| 11B | Ant2 | 2437 | 30~1000 | 14.22 | -50.3 | ≤-15.78 | PASS |
| 11B | Ant1 | 2437 | 1000~26500 | 15.45 | -42.38 | ≤-14.55 | PASS |
| 11B | Ant2 | 2437 | 1000~26500 | 14.22 | -42.97 | ≤-15.78 | PASS |
| 11B | Ant1 | 2462 | 0~Reference | 16.18 | 16.18 | --- | PASS |
| 11B | Ant2 | 2462 | 0~Reference | 13.98 | 13.98 | --- | PASS |
| 11B | Ant1 | 2462 | 30~1000 | 16.18 | -51.64 | ≤-13.82 | PASS |
| 11B | Ant2 | 2462 | 30~1000 | 13.98 | -51.04 | ≤-16.02 | PASS |
| 11B | Ant1 | 2462 | 1000~26500 | 16.18 | -41.7 | ≤-13.82 | PASS |
| 11B | Ant2 | 2462 | 1000~26500 | 13.98 | -44.33 | ≤-16.02 | PASS |
| 11G | Ant1 | 2412 | 0~Reference | 6.36 | 6.36 | --- | PASS |
| 11G | Ant2 | 2412 | 0~Reference | 5.69 | 5.69 | --- | PASS |
| 11G | Ant1 | 2412 | 30~1000 | 6.36 | -50.77 | ≤-23.64 | PASS |
| 11G | Ant2 | 2412 | 30~1000 | 5.69 | -51.71 | ≤-24.31 | PASS |
| 11G | Ant1 | 2412 | 1000~26500 | 6.36 | -45.69 | ≤-23.64 | PASS |
| 11G | Ant2 | 2412 | 1000~26500 | 5.69 | -43.76 | ≤-24.31 | PASS |
| 11G | Ant1 | 2437 | 0~Reference | 4.80 | 4.80 | --- | PASS |
| 11G | Ant2 | 2437 | 0~Reference | 7.21 | 7.21 | --- | PASS |
| 11G | Ant1 | 2437 | 30~1000 | 4.80 | -51.61 | ≤-25.2 | PASS |
| 11G | Ant2 | 2437 | 30~1000 | 7.21 | -51.05 | ≤-22.79 | PASS |
| 11G | Ant1 | 2437 | 1000~26500 | 4.80 | -44.89 | ≤-25.2 | PASS |
| 11G | Ant2 | 2437 | 1000~26500 | 7.21 | -45.92 | ≤-22.79 | PASS |
| 11G | Ant1 | 2462 | 0~Reference | 4.42 | 4.42 | --- | PASS |
| 11G | Ant2 | 2462 | 0~Reference | 5.37 | 5.37 | --- | PASS |
| 11G | Ant1 | 2462 | 30~1000 | 4.42 | -52.25 | ≤-25.58 | PASS |
| 11G | Ant2 | 2462 | 30~1000 | 5.37 | -50.92 | ≤-24.63 | PASS |
| 11G | Ant1 | 2462 | 1000~26500 | 4.42 | -45.52 | ≤-25.58 | PASS |
| 11G | Ant2 | 2462 | 1000~26500 | 5.37 | -46.01 | ≤-24.63 | PASS |
| 11N20-CDD | Ant1 | 2412 | 0~Reference | 3.20 | 3.20 | --- | PASS |
| 11N20-CDD | Ant2 | 2412 | 0~Reference | 2.66 | 2.66 | --- | PASS |
| 11N20-CDD | Ant1 | 2412 | 30~1000 | 3.20 | -51.14 | ≤-26.8 | PASS |
| 11N20-CDD | Ant2 | 2412 | 30~1000 | 2.66 | -51.56 | ≤-27.34 | PASS |
| 11N20-CDD | Ant1 | 2412 | 1000~26500 | 3.20 | -45.59 | ≤-26.8 | PASS |
| 11N20-CDD | Ant2 | 2412 | 1000~26500 | 2.66 | -45.88 | ≤-27.34 | PASS |
| 11N20-CDD | Ant1 | 2437 | 0~Reference | 2.14 | 2.14 | --- | PASS |
| 11N20-CDD | Ant2 | 2437 | 0~Reference | 2.32 | 2.32 | --- | PASS |
| 11N20-CDD | Ant1 | 2437 | 30~1000 | 2.14 | -49.62 | ≤-27.86 | PASS |
| 11N20-CDD | Ant2 | 2437 | 30~1000 | 2.32 | -50.15 | ≤-27.68 | PASS |
| 11N20-CDD | Ant1 | 2437 | 1000~26500 | 2.14 | -45.75 | ≤-27.86 | PASS |
| 11N20-CDD | Ant2 | 2437 | 1000~26500 | 2.32 | -44.67 | ≤-27.68 | PASS |
| 11N20-CDD | Ant1 | 2462 | 0~Reference | 1.89 | 1.89 | --- | PASS |
| 11N20-CDD | Ant2 | 2462 | 0~Reference | 2.11 | 2.11 | --- | PASS |
| 11N20-CDD | Ant1 | 2462 | 30~1000 | 1.89 | -50.94 | ≤-28.11 | PASS |
| 11N20-CDD | Ant2 | 2462 | 30~1000 | 2.11 | -51.37 | ≤-27.89 | PASS |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 11N20-CDD | Ant1 | 2462 | 1000~26500 | 1.89 | -45.28 | ≤-28.11 | PASS |
| 11N20-CDD | Ant2 | 2462 | 1000~26500 | 2.11 | -45.58 | ≤-27.89 | PASS |
| 11N40-CDD | Ant1 | 2422 | 0~Reference | 0.63 | 0.63 | --- | PASS |
| 11N40-CDD | Ant2 | 2422 | 0~Reference | -1.38 | -1.38 | --- | PASS |
| 11N40-CDD | Ant1 | 2422 | 30~1000 | 0.63 | -51.89 | ≤-29.37 | PASS |
| 11N40-CDD | Ant2 | 2422 | 30~1000 | -1.38 | -50.76 | ≤-31.38 | PASS |
| 11N40-CDD | Ant1 | 2422 | 1000~26500 | 0.63 | -45.9 | ≤-29.37 | PASS |
| 11N40-CDD | Ant2 | 2422 | 1000~26500 | -1.38 | -45.52 | ≤-31.38 | PASS |
| 11N40-CDD | Ant1 | 2437 | 0~Reference | -0.53 | -0.53 | --- | PASS |
| 11N40-CDD | Ant2 | 2437 | 0~Reference | -0.85 | -0.85 | --- | PASS |
| 11N40-CDD | Ant1 | 2437 | 30~1000 | -0.53 | -51.69 | ≤-30.53 | PASS |
| 11N40-CDD | Ant2 | 2437 | 30~1000 | -0.85 | -51.15 | ≤-30.85 | PASS |
| 11N40-CDD | Ant1 | 2437 | 1000~26500 | -0.53 | -45.49 | ≤-30.53 | PASS |
| 11N40-CDD | Ant2 | 2437 | 1000~26500 | -0.85 | -45.99 | ≤-30.85 | PASS |
| 11N40-CDD | Ant1 | 2452 | 0~Reference | -0.20 | -0.20 | --- | PASS |
| 11N40-CDD | Ant2 | 2452 | 0~Reference | 2.66 | 2.66 | --- | PASS |
| 11N40-CDD | Ant1 | 2452 | 30~1000 | -0.20 | -51.38 | ≤-30.2 | PASS |
| 11N40-CDD | Ant2 | 2452 | 30~1000 | 2.66 | -50.27 | ≤-27.34 | PASS |
| 11N40-CDD | Ant1 | 2452 | 1000~26500 | -0.20 | -45.64 | ≤-30.2 | PASS |
| 11N40-CDD | Ant2 | 2452 | 1000~26500 | 2.66 | -45.44 | ≤-27.34 | PASS |
| 11AX20-CDD | Ant1 | 2412 | 0~Reference | 2.82 | 2.82 | --- | PASS |
| 11AX20-CDD | Ant2 | 2412 | 0~Reference | 2.43 | 2.43 | --- | PASS |
| 11AX20-CDD | Ant1 | 2412 | 30~1000 | 2.82 | -51.15 | ≤-27.18 | PASS |
| 11AX20-CDD | Ant2 | 2412 | 30~1000 | 2.43 | -51.2 | ≤-27.57 | PASS |
| 11AX20-CDD | Ant1 | 2412 | 1000~26500 | 2.82 | -45.69 | ≤-27.18 | PASS |
| 11AX20-CDD | Ant2 | 2412 | 1000~26500 | 2.43 | -45.67 | ≤-27.57 | PASS |
| 11AX20-CDD | Ant1 | 2437 | 0~Reference | 2.47 | 2.47 | --- | PASS |
| 11AX20-CDD | Ant2 | 2437 | 0~Reference | 5.38 | 5.38 | --- | PASS |
| 11AX20-CDD | Ant1 | 2437 | 30~1000 | 2.47 | -51.7 | ≤-27.53 | PASS |
| 11AX20-CDD | Ant2 | 2437 | 30~1000 | 5.38 | -51.88 | ≤-24.62 | PASS |
| 11AX20-CDD | Ant1 | 2437 | 1000~26500 | 2.47 | -45.48 | ≤-27.53 | PASS |
| 11AX20-CDD | Ant2 | 2437 | 1000~26500 | 5.38 | -45.7 | ≤-24.62 | PASS |
| 11AX20-CDD | Ant1 | 2462 | 0~Reference | 2.35 | 2.35 | --- | PASS |
| 11AX20-CDD | Ant2 | 2462 | 0~Reference | 3.59 | 3.59 | --- | PASS |
| 11AX20-CDD | Ant1 | 2462 | 30~1000 | 2.35 | -51.47 | ≤-27.65 | PASS |
| 11AX20-CDD | Ant2 | 2462 | 30~1000 | 3.59 | -49.47 | ≤-26.41 | PASS |
| 11AX20-CDD | Ant1 | 2462 | 1000~26500 | 2.35 | -46.06 | ≤-27.65 | PASS |
| 11AX20-CDD | Ant2 | 2462 | 1000~26500 | 3.59 | -45.65 | ≤-26.41 | PASS |
| 11AX40-CDD | Ant1 | 2422 | 0~Reference | -2.33 | -2.33 | --- | PASS |
| 11AX40-CDD | Ant2 | 2422 | 0~Reference | 0.94 | 0.94 | --- | PASS |
| 11AX40-CDD | Ant1 | 2422 | 30~1000 | -2.33 | -45.67 | ≤-32.33 | PASS |
| 11AX40-CDD | Ant2 | 2422 | 30~1000 | 0.94 | -45.59 | ≤-29.06 | PASS |
| 11AX40-CDD | Ant1 | 2422 | 1000~26500 | -2.33 | -39.83 | ≤-32.33 | PASS |
| 11AX40-CDD | Ant2 | 2422 | 1000~26500 | 0.94 | -40.04 | ≤-29.06 | PASS |
| 11AX40-CDD | Ant1 | 2437 | 0~Reference | -2.85 | -2.85 | --- | PASS |
| 11AX40-CDD | Ant2 | 2437 | 0~Reference | -3.38 | -3.38 | --- | PASS |
| 11AX40-CDD | Ant1 | 2437 | 30~1000 | -2.85 | -45.46 | ≤-32.85 | PASS |
| 11AX40-CDD | Ant2 | 2437 | 30~1000 | -3.38 | -45.38 | ≤-33.38 | PASS |
| 11AX40-CDD | Ant1 | 2437 | 1000~26500 | -2.85 | -40.02 | ≤-32.85 | PASS |
| 11AX40-CDD | Ant2 | 2437 | 1000~26500 | -3.38 | -40.07 | ≤-33.38 | PASS |
| 11AX40-CDD | Ant1 | 2452 | 0~Reference | -1.38 | -1.38 | --- | PASS |
| 11AX40-CDD | Ant2 | 2452 | 0~Reference | -3.43 | -3.43 | --- | PASS |
| 11AX40-CDD | Ant1 | 2452 | 30~1000 | -1.38 | -45.27 | ≤-31.38 | PASS |
| 11AX40-CDD | Ant2 | 2452 | 30~1000 | -3.43 | -45.01 | ≤-33.43 | PASS |
| 11AX40-CDD | Ant1 | 2452 | 1000~26500 | -1.38 | -38.96 | ≤-31.38 | PASS |
| 11AX40-CDD | Ant2 | 2452 | 1000~26500 | -3.43 | -40.44 | ≤-33.43 | PASS |

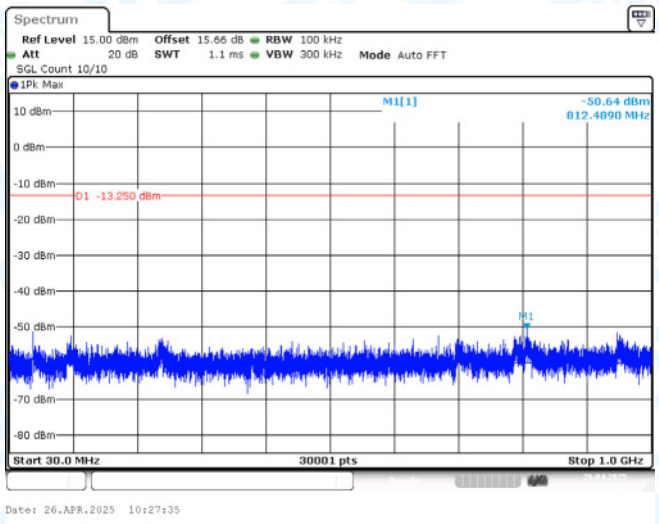
## 6.2 Test Graphs



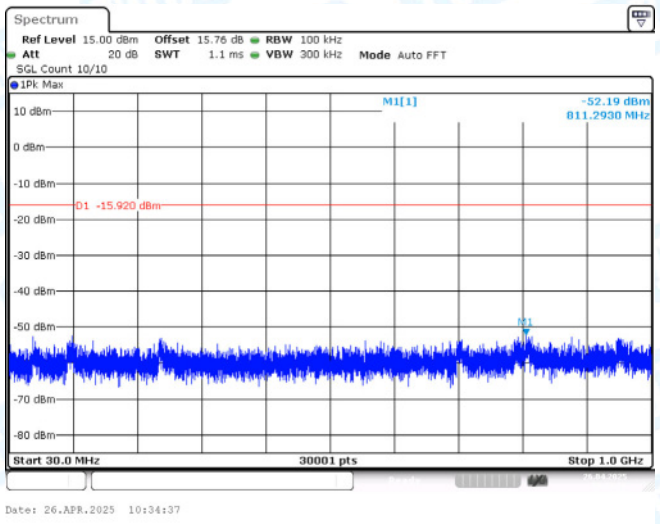

11B-Ant1-2412-0~Reference-PASS



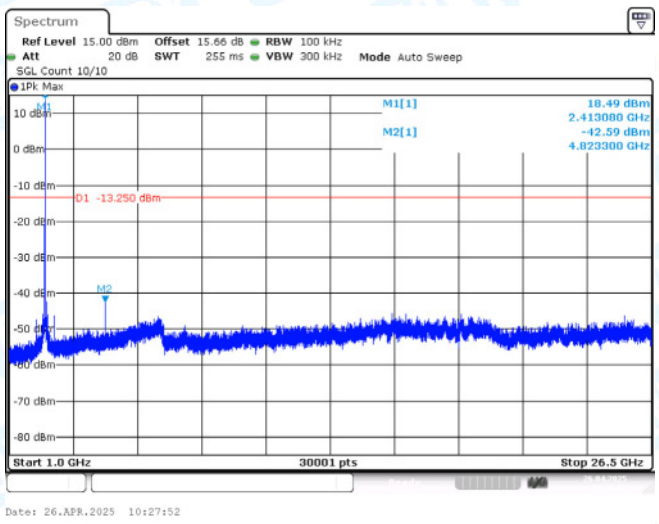

11B-Ant2-2412-0~Reference-PASS



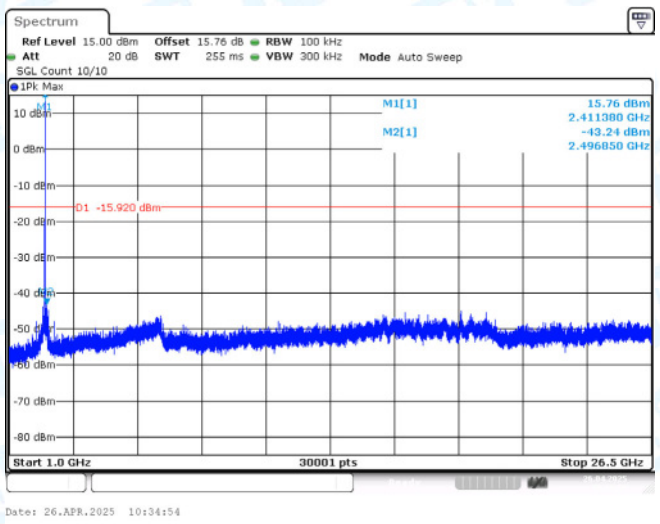

11B-Ant1-2412-30~1000-PASS




11B-Ant2-2412-30~1000-PASS




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




11B-Ant2-2412-1000~26500-PASS