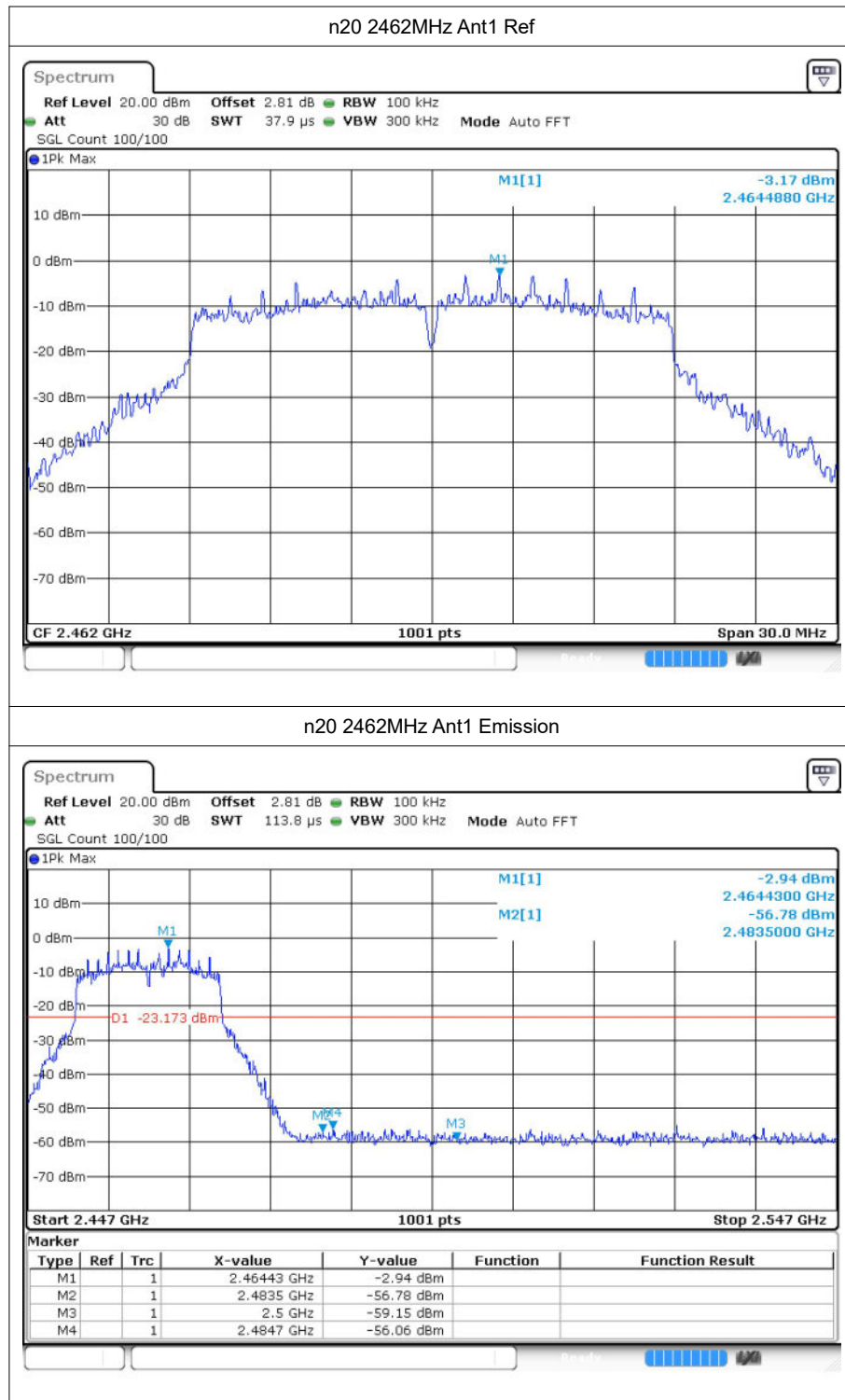
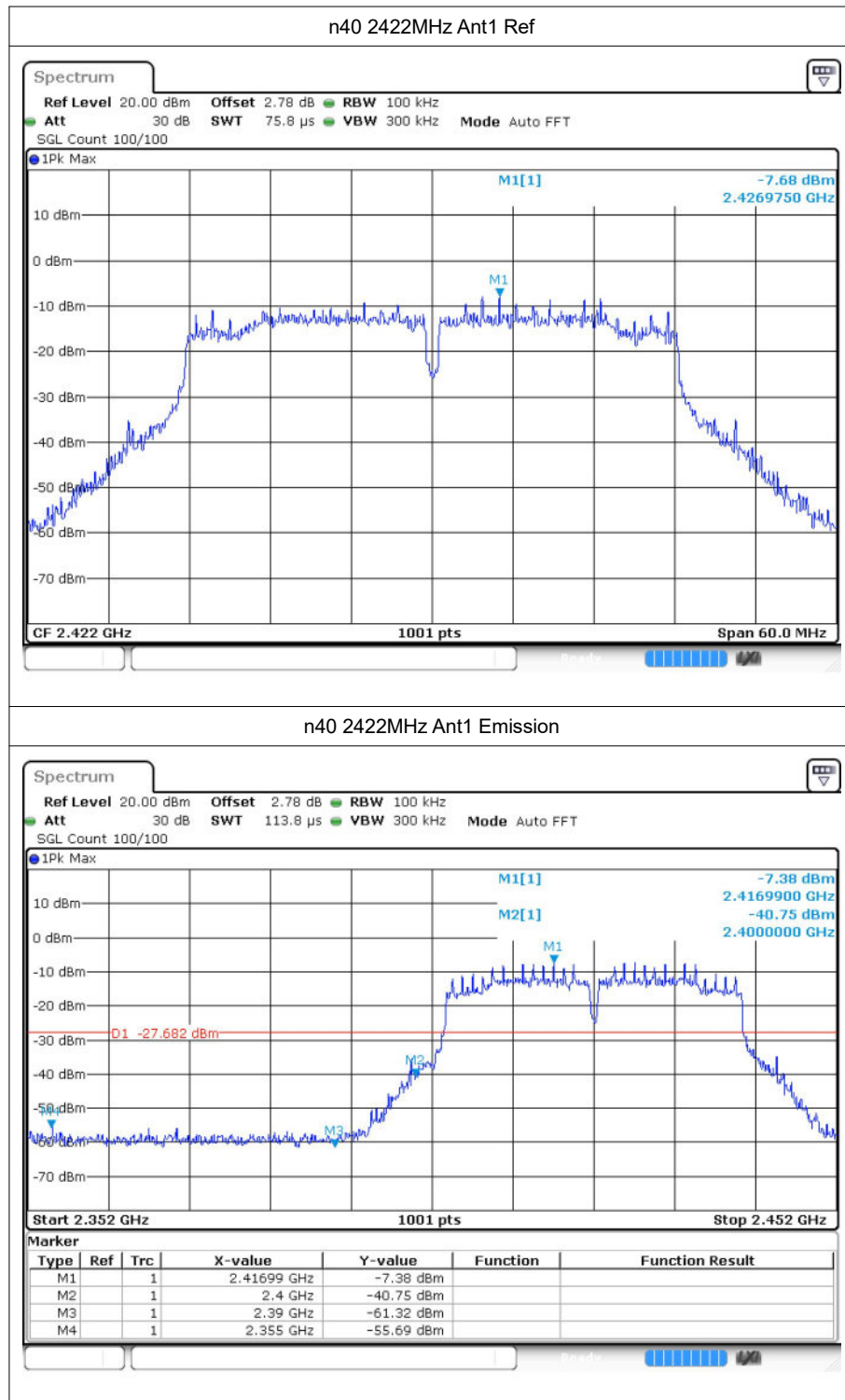
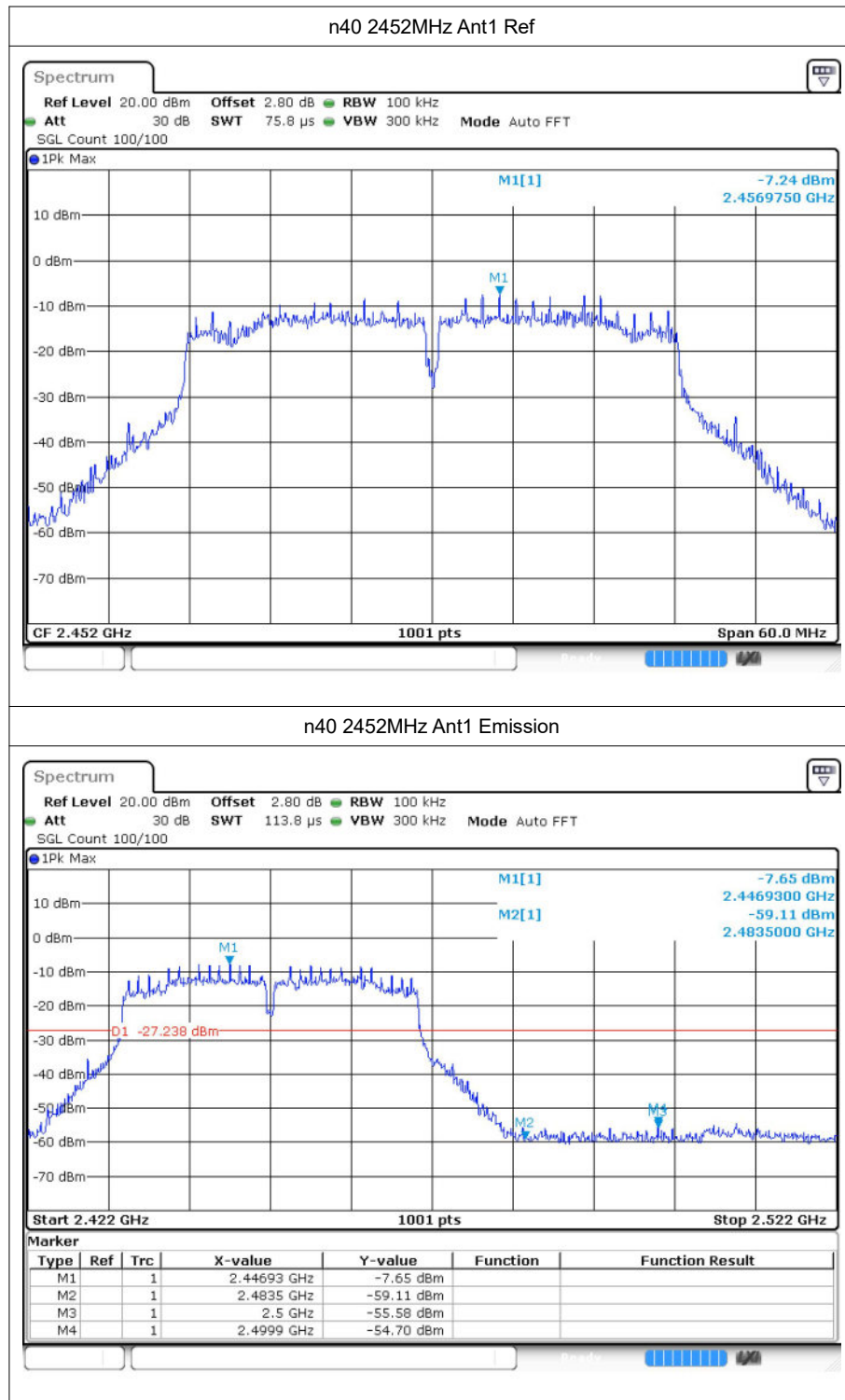








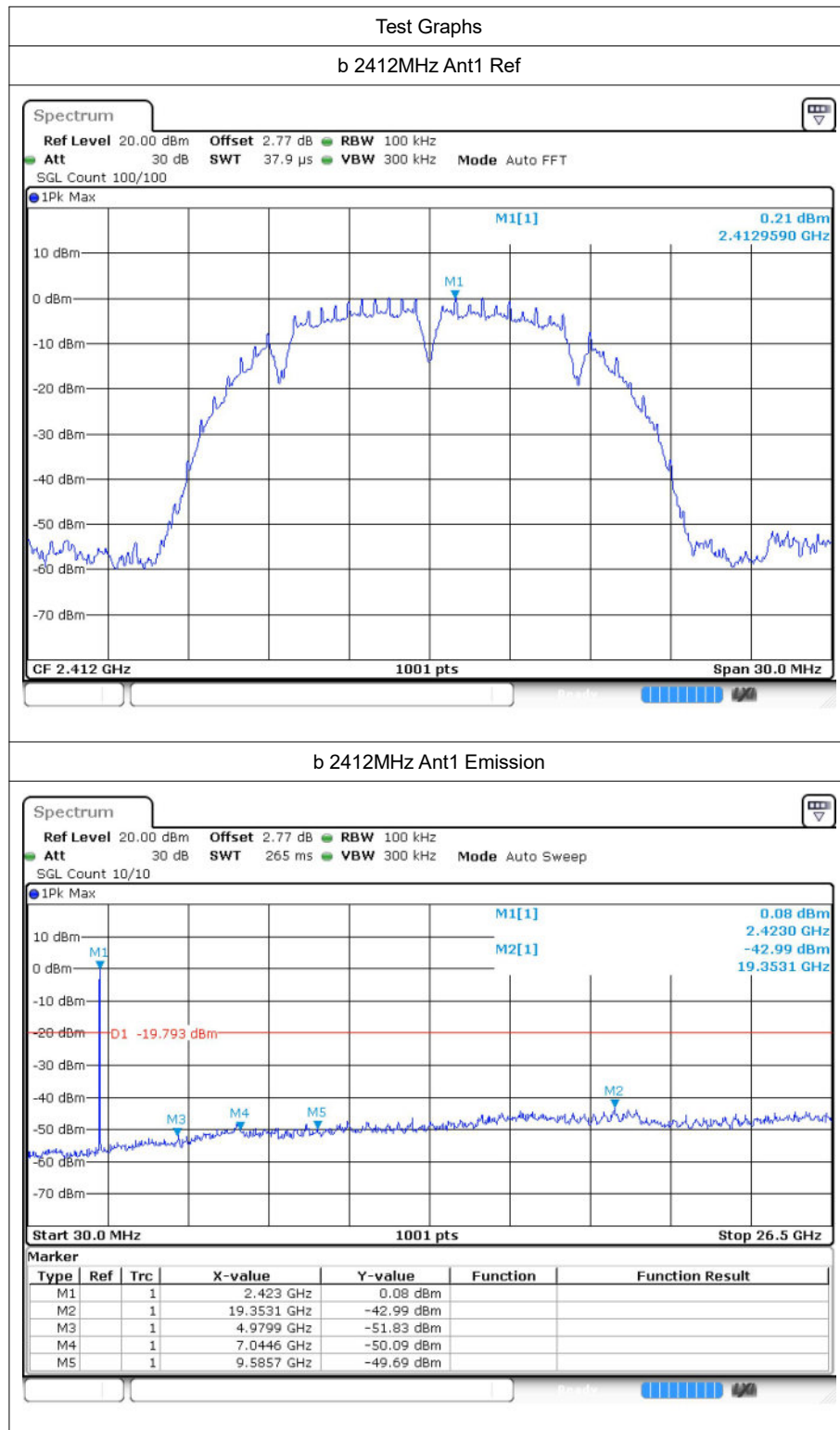


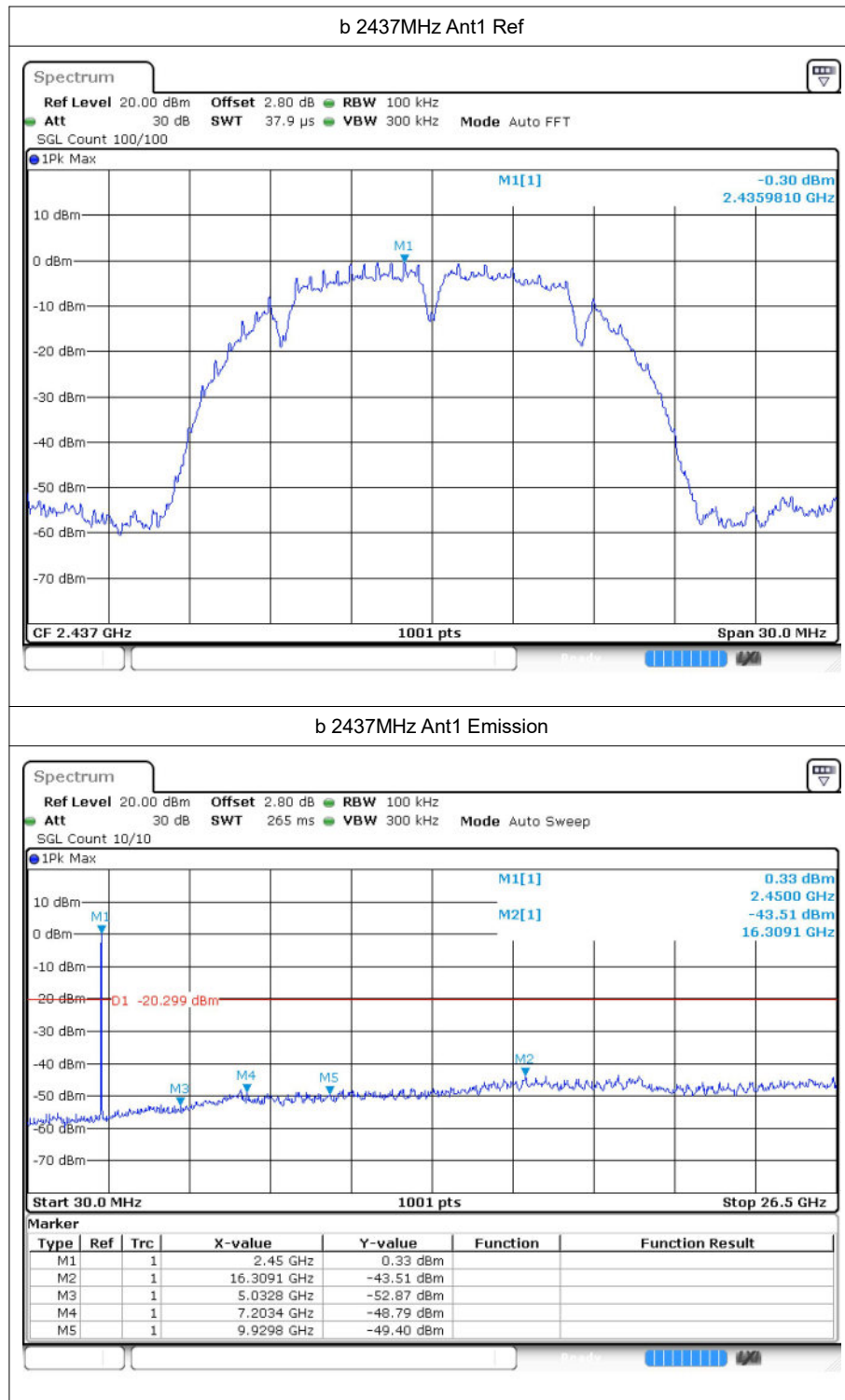
## 6 Conducted RF Spurious Emission

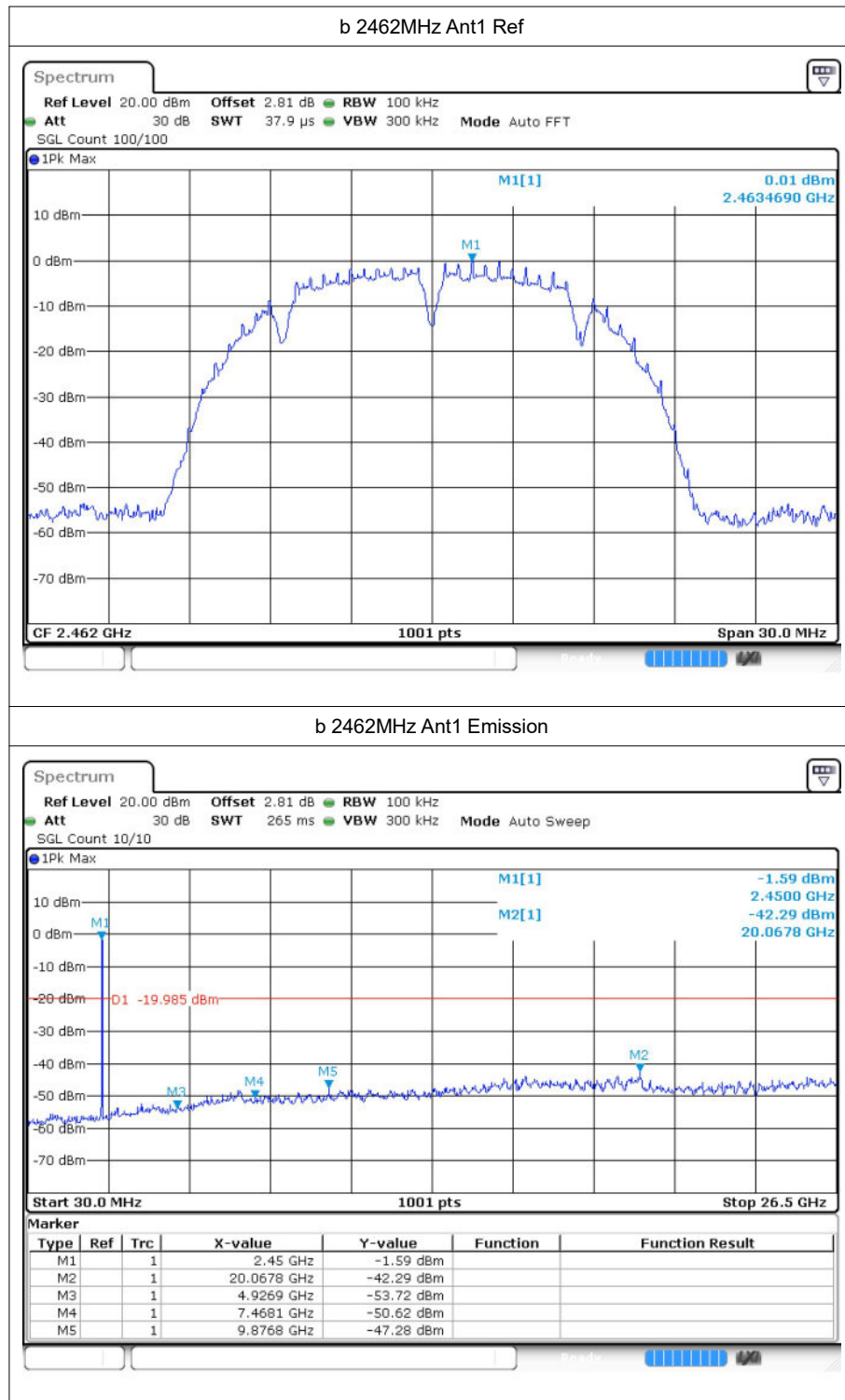
### 6.1 Test Result

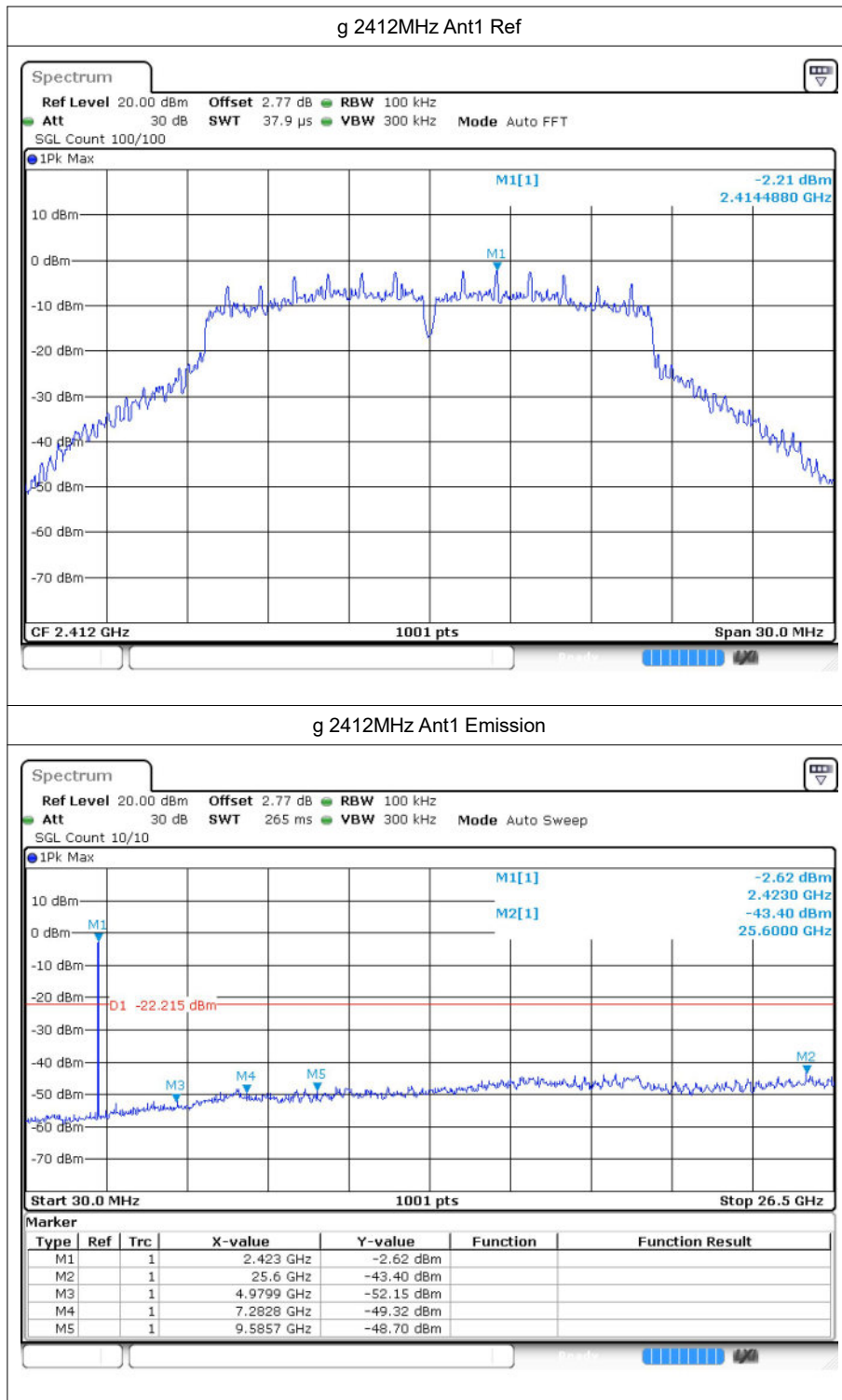
| Mode | Frequency (MHz) | Antenna | Max Value (dBc) | Limit (dBc) | Verdict |
|------|-----------------|---------|-----------------|-------------|---------|
| b    | 2412            | Ant1    | -43.19          | -20         | Pass    |
| b    | 2437            | Ant1    | -43.21          | -20         | Pass    |
| b    | 2462            | Ant1    | -42.29          | -20         | Pass    |
| g    | 2412            | Ant1    | -41.19          | -20         | Pass    |
| g    | 2437            | Ant1    | -40.55          | -20         | Pass    |
| g    | 2462            | Ant1    | -40.92          | -20         | Pass    |
| n20  | 2412            | Ant1    | -40.66          | -20         | Pass    |
| n20  | 2437            | Ant1    | -39.76          | -20         | Pass    |
| n20  | 2462            | Ant1    | -40.52          | -20         | Pass    |
| n40  | 2422            | Ant1    | -35.56          | -20         | Pass    |
| n40  | 2437            | Ant1    | -35.93          | -20         | Pass    |
| n40  | 2452            | Ant1    | -35.27          | -20         | Pass    |

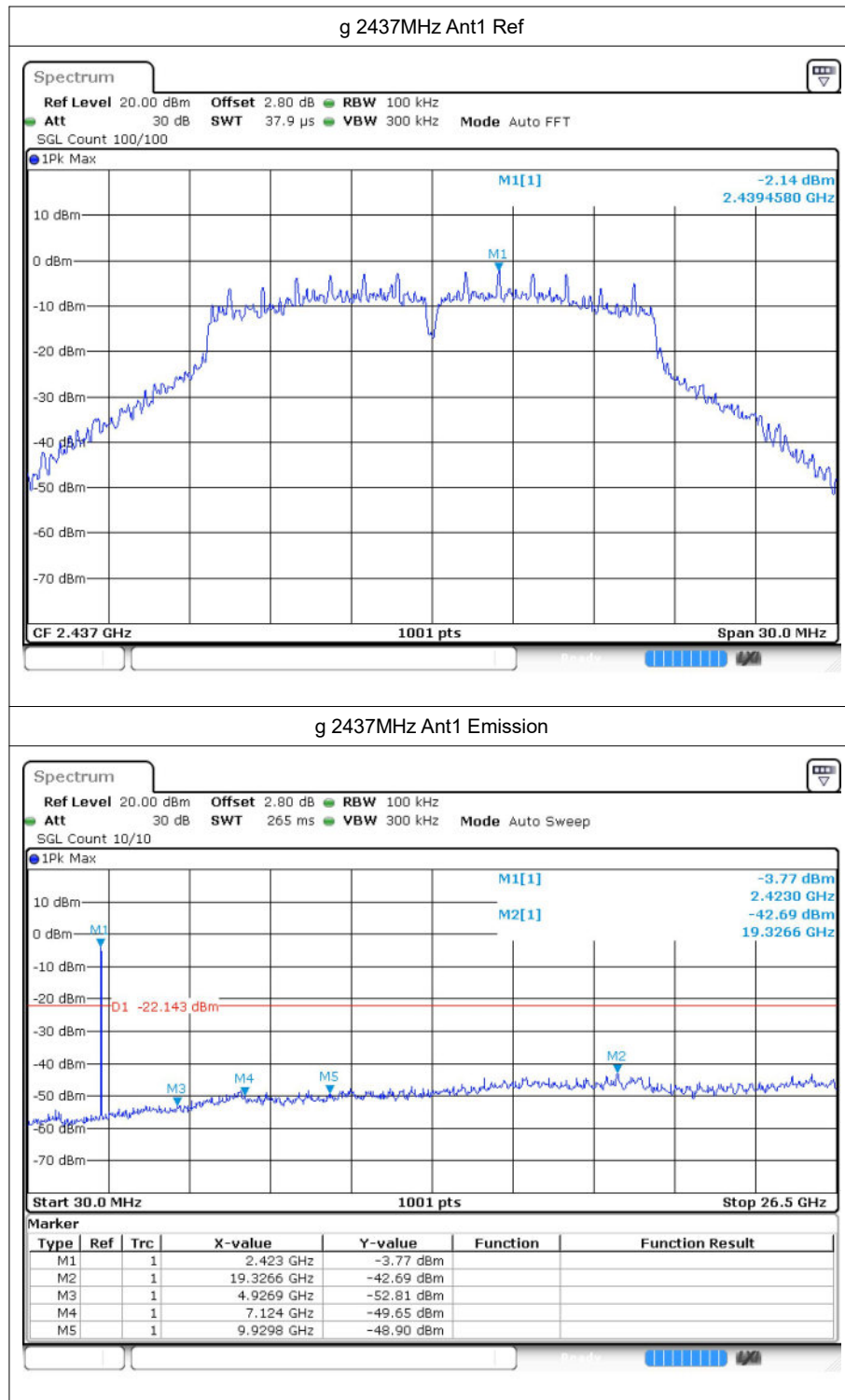
## 6.2 Test Graphs

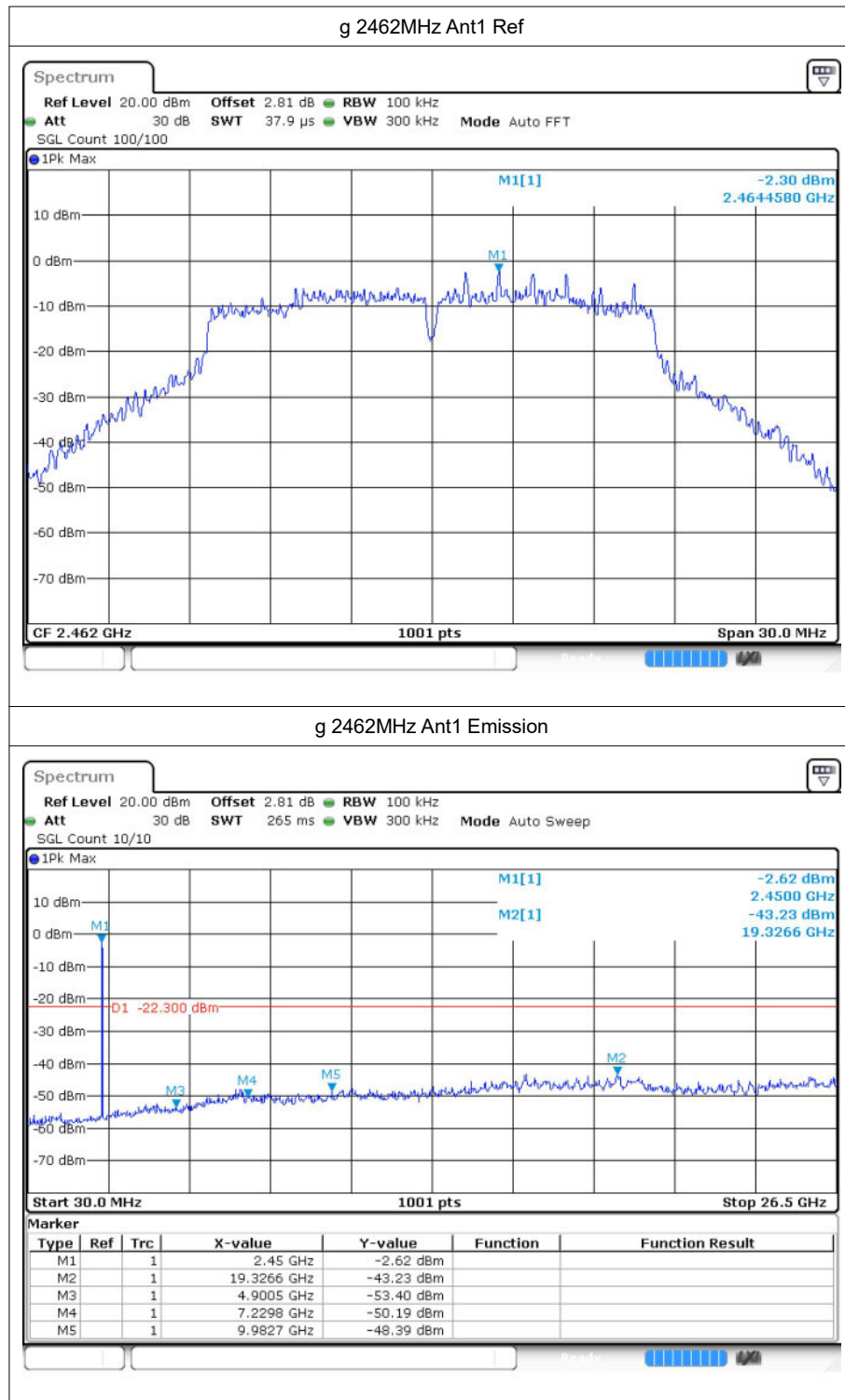


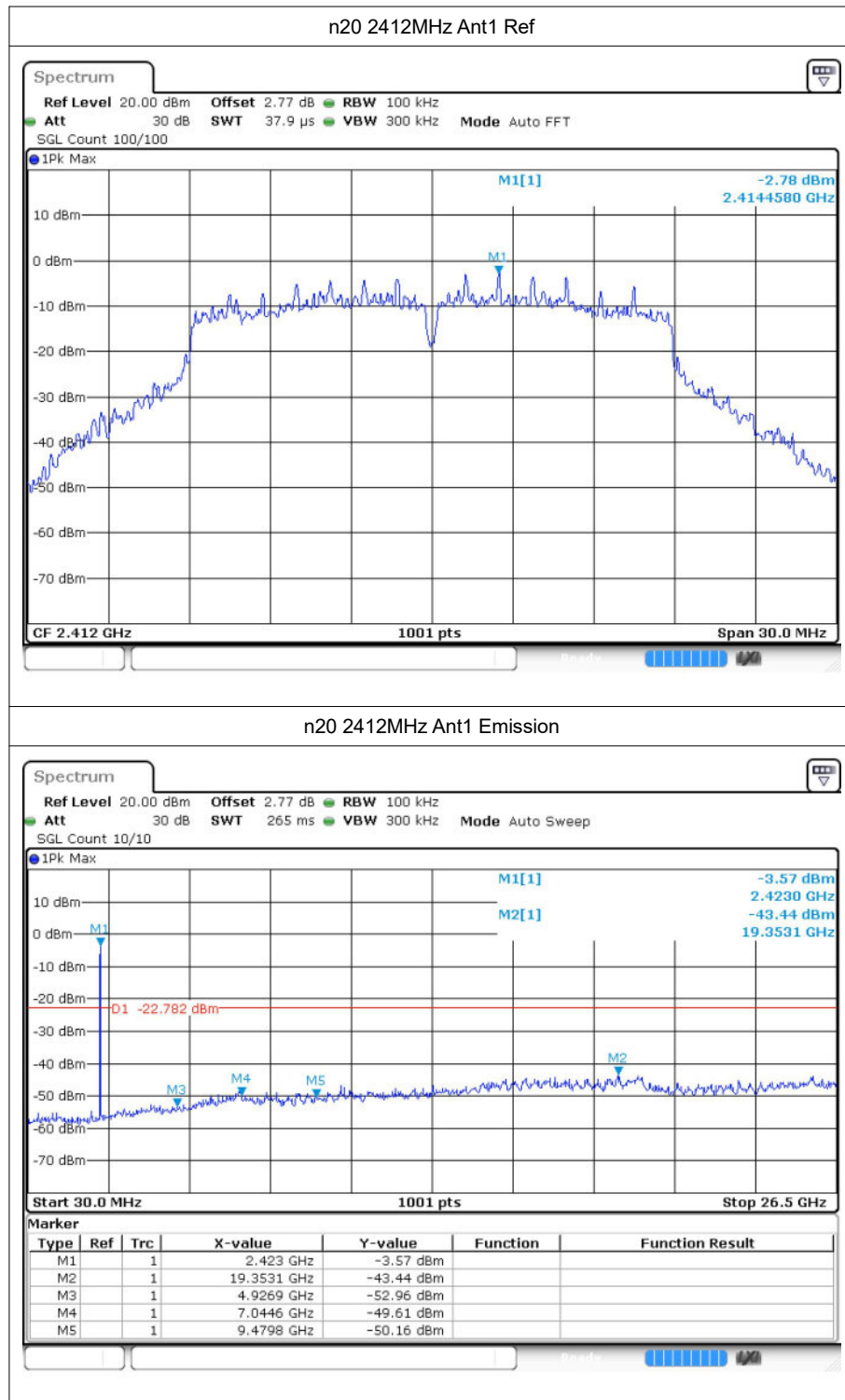


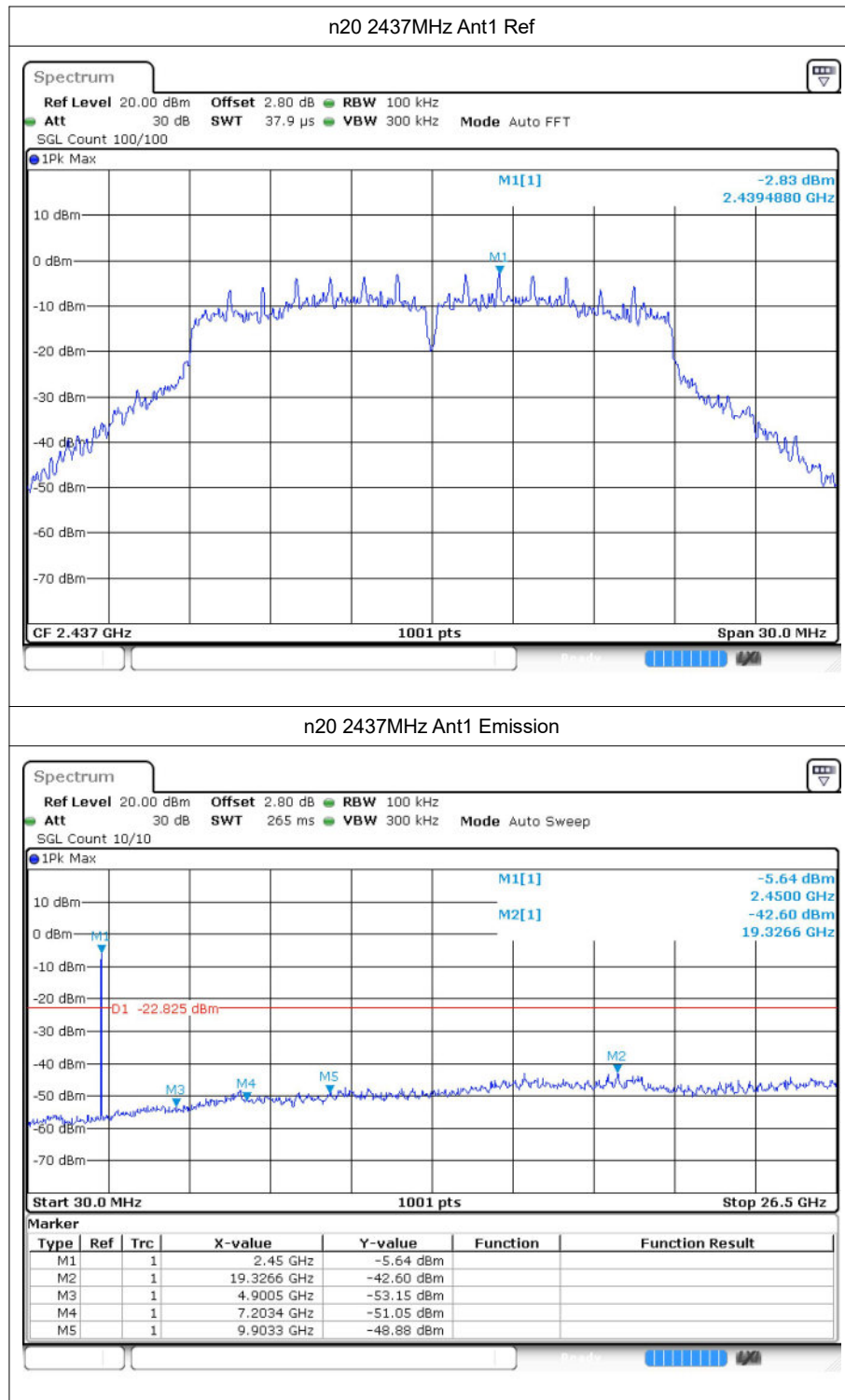


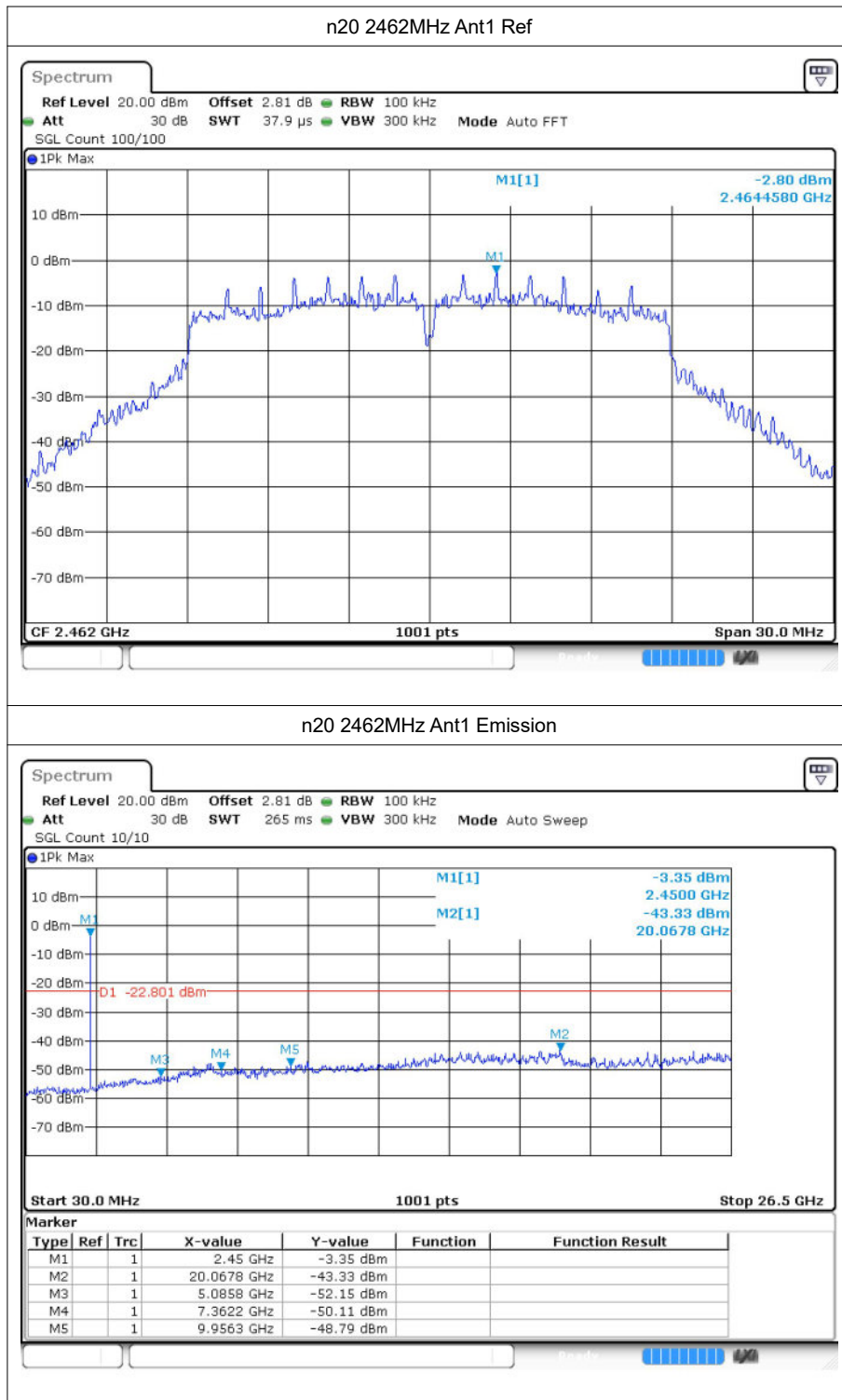


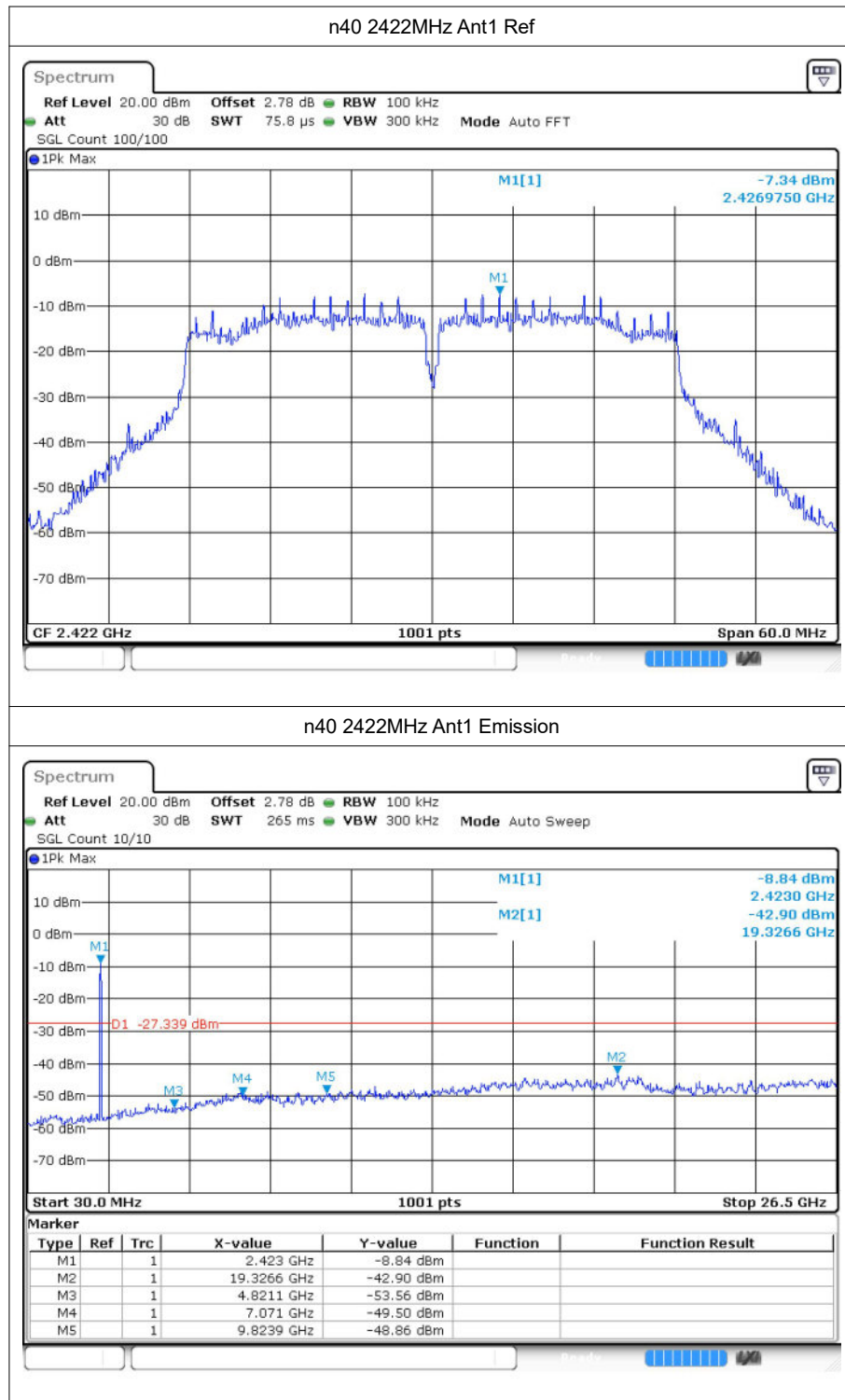


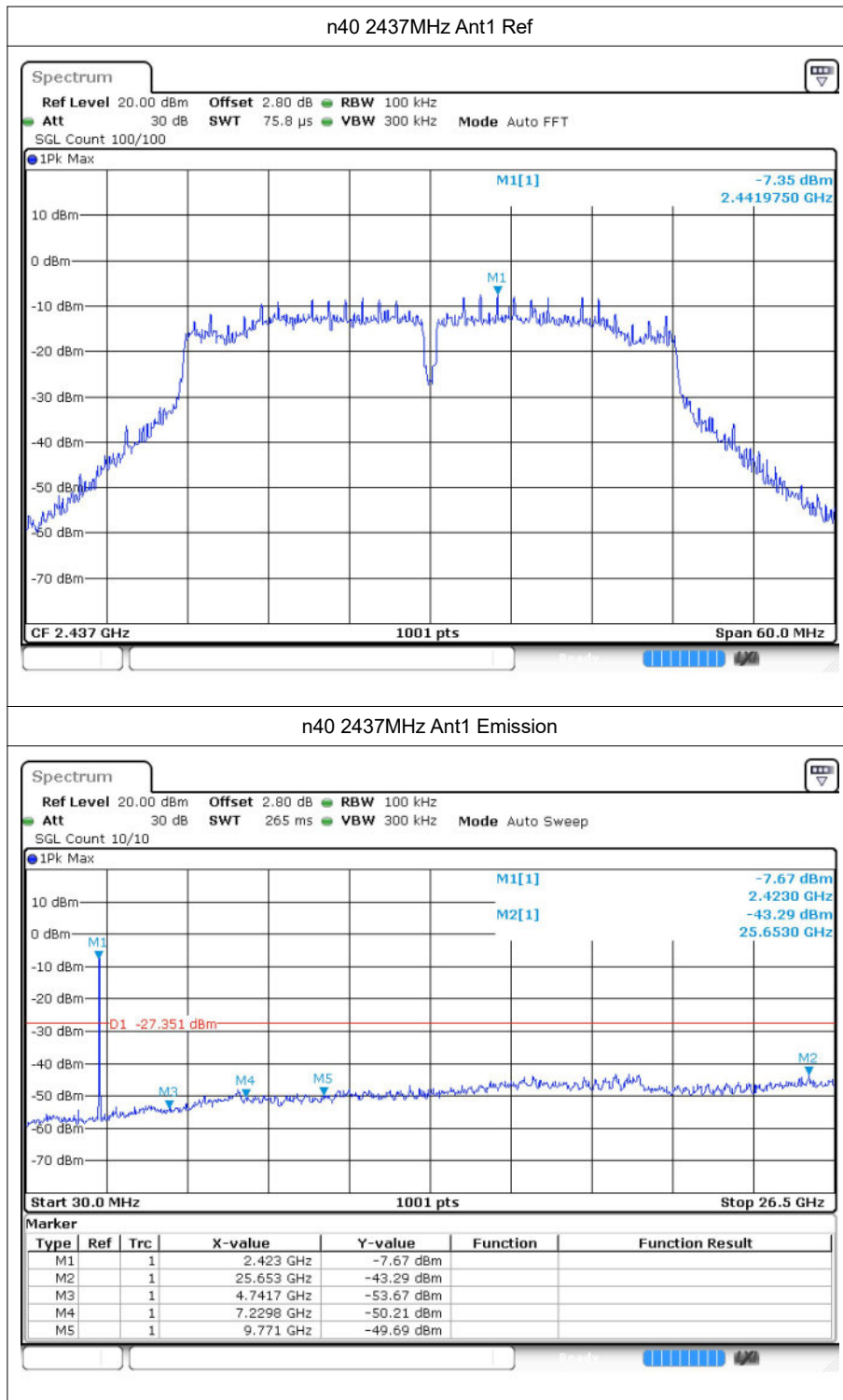


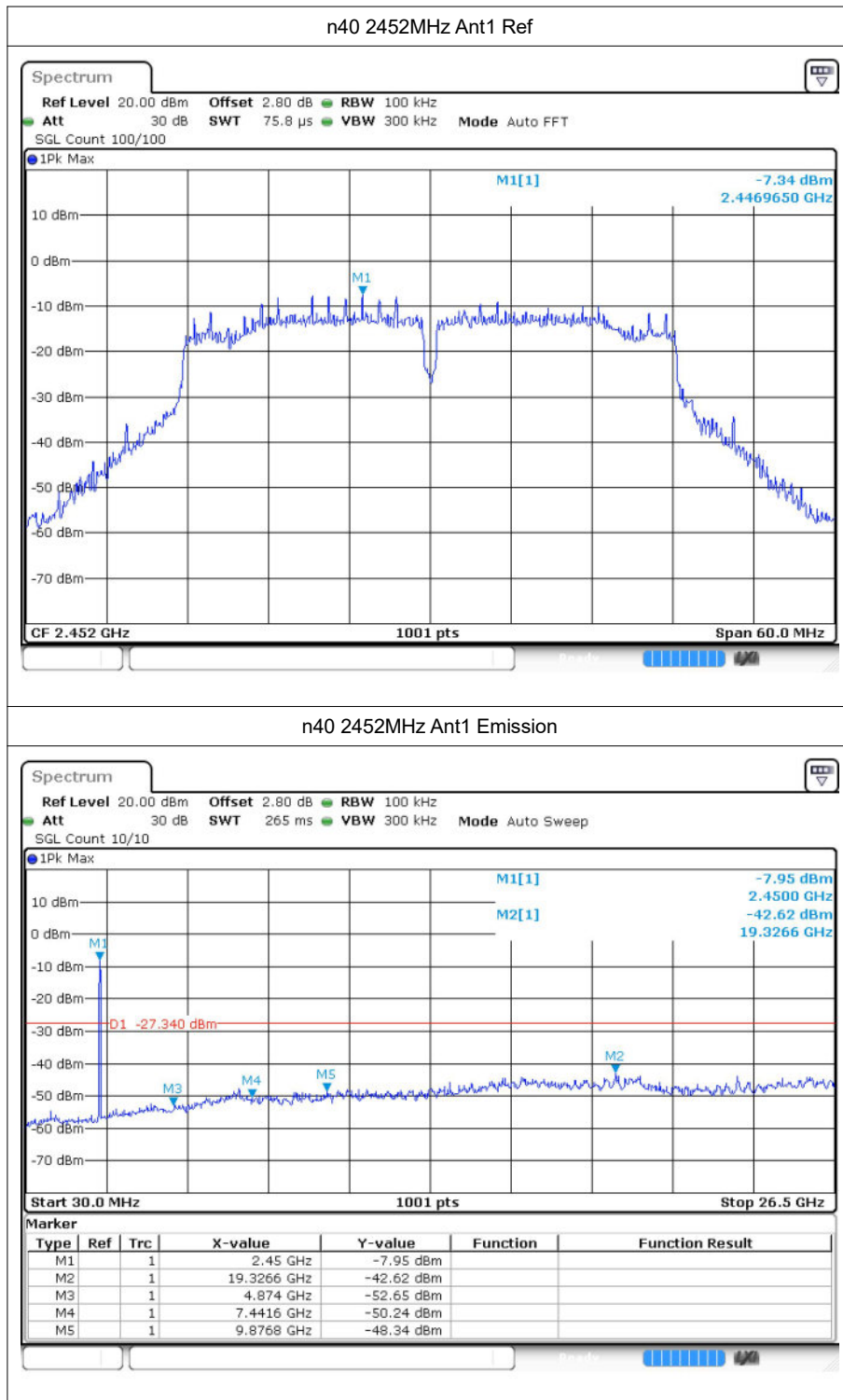














## 7 Restrict Band

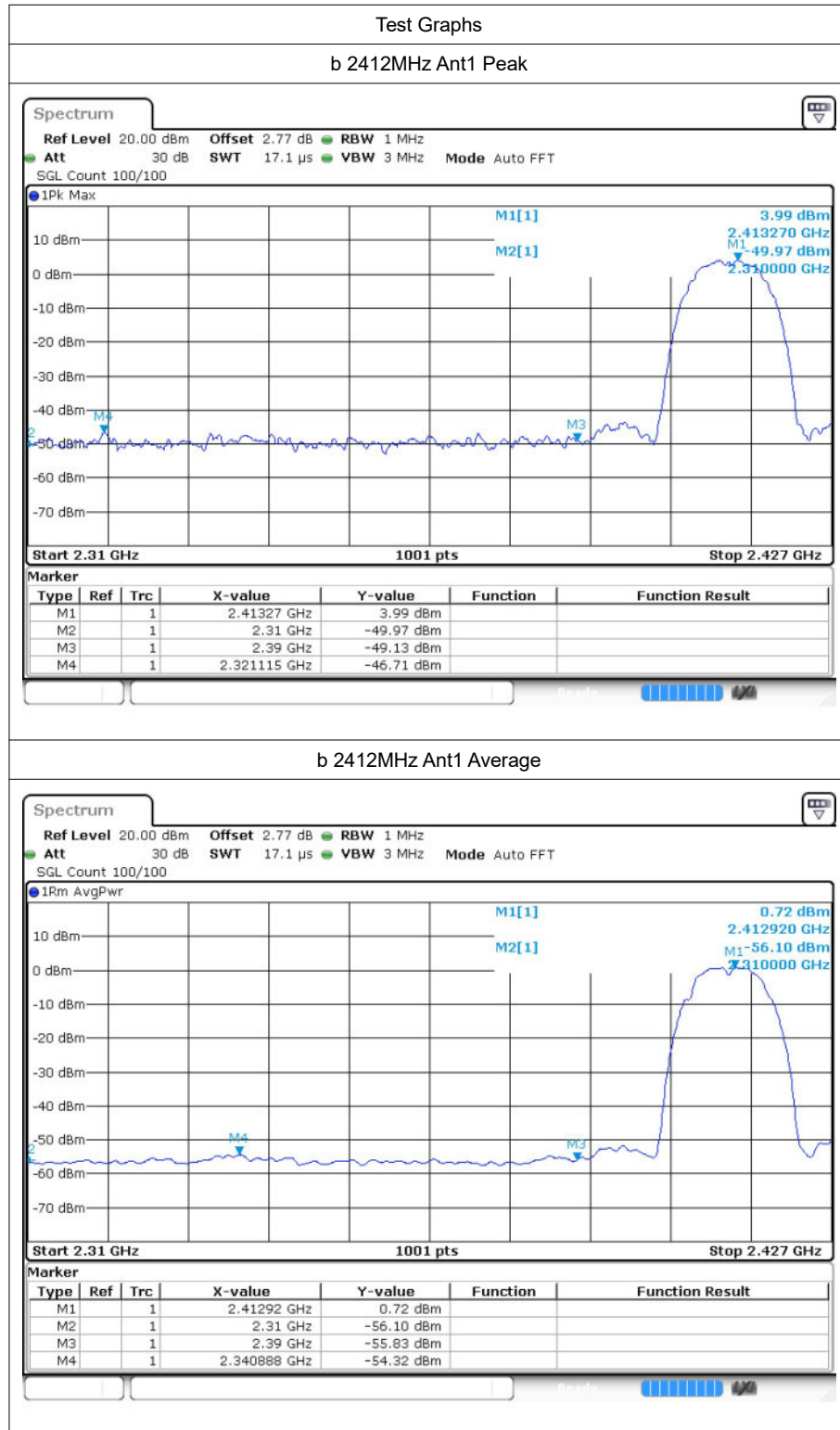
### 7.1 Test Result

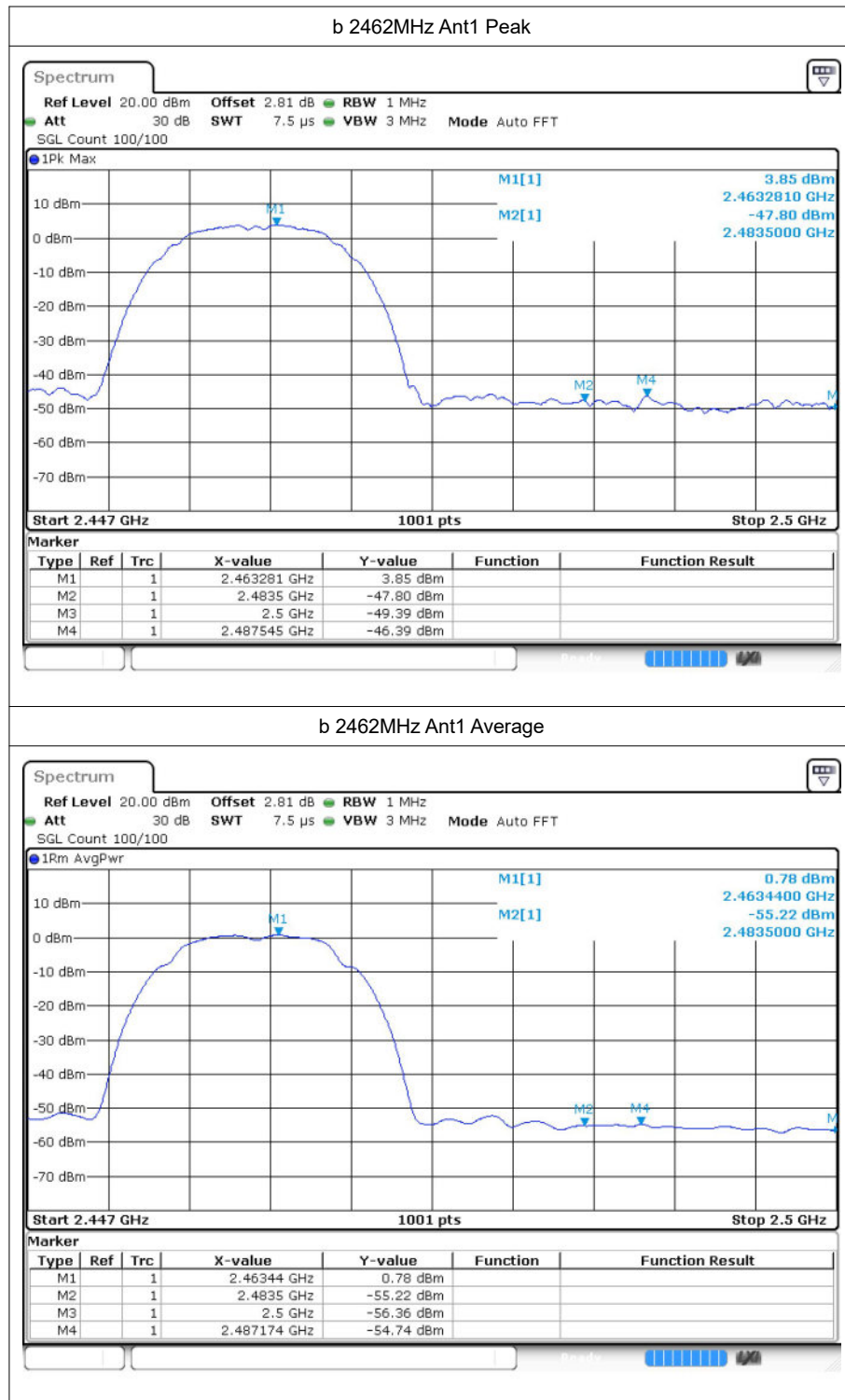
| Mode | Frequency (MHz) | Antenna | Spur Freq (MHz) | Power (dBm) | Gain (dBi) | Duty Factor | E (dBuV/m) | Detector | Limit (dBuV/m) | Verdict |
|------|-----------------|---------|-----------------|-------------|------------|-------------|------------|----------|----------------|---------|
| b    | 2412            | Ant1    | 2310            | -49.97      | 4.47       | -           | 49.73      | Peak     | 74             | Pass    |
| b    | 2412            | Ant1    | 2310            | -56.1       | 4.47       | 0           | 43.6       | Average  | 54             | Pass    |
| b    | 2412            | Ant1    | 2321.115        | -46.71      | 4.47       | -           | 52.99      | Peak     | 74             | Pass    |
| b    | 2412            | Ant1    | 2340.888        | -54.32      | 4.47       | 0           | 45.38      | Average  | 54             | Pass    |
| b    | 2412            | Ant1    | 2390            | -49.13      | 4.47       | -           | 50.57      | Peak     | 74             | Pass    |
| b    | 2412            | Ant1    | 2390            | -55.83      | 4.47       | 0           | 43.87      | Average  | 54             | Pass    |
| b    | 2462            | Ant1    | 2483.5          | -47.8       | 4.47       | -           | 51.9       | Peak     | 74             | Pass    |
| b    | 2462            | Ant1    | 2483.5          | -55.22      | 4.47       | 0           | 44.48      | Average  | 54             | Pass    |
| b    | 2462            | Ant1    | 2487.545        | -46.39      | 4.47       | -           | 53.31      | Peak     | 74             | Pass    |
| b    | 2462            | Ant1    | 2487.174        | -54.74      | 4.47       | 0           | 44.96      | Average  | 54             | Pass    |
| b    | 2462            | Ant1    | 2500            | -49.39      | 4.47       | -           | 50.31      | Peak     | 74             | Pass    |
| b    | 2462            | Ant1    | 2500            | -56.36      | 4.47       | 0           | 43.34      | Average  | 54             | Pass    |
| g    | 2412            | Ant1    | 2310            | -49.02      | 4.47       | -           | 50.68      | Peak     | 74             | Pass    |
| g    | 2412            | Ant1    | 2310            | -57.18      | 4.47       | 0.62        | 43.14      | Average  | 54             | Pass    |
| g    | 2412            | Ant1    | 2336.676        | -44.29      | 4.47       | -           | 55.41      | Peak     | 74             | Pass    |
| g    | 2412            | Ant1    | 2339.835        | -54.37      | 4.47       | 0.62        | 45.95      | Average  | 54             | Pass    |
| g    | 2412            | Ant1    | 2390            | -48.86      | 4.47       | -           | 50.84      | Peak     | 74             | Pass    |
| g    | 2412            | Ant1    | 2390            | -56.17      | 4.47       | 0.62        | 44.15      | Average  | 54             | Pass    |
| g    | 2462            | Ant1    | 2483.5          | -49.26      | 4.47       | -           | 50.44      | Peak     | 74             | Pass    |
| g    | 2462            | Ant1    | 2483.5          | -55.77      | 4.47       | 0.6         | 44.53      | Average  | 54             | Pass    |
| g    | 2462            | Ant1    | 2487.545        | -46.86      | 4.47       | -           | 52.84      | Peak     | 74             | Pass    |
| g    | 2462            | Ant1    | 2492.05         | -55.74      | 4.47       | 0.6         | 44.56      | Average  | 54             | Pass    |
| g    | 2462            | Ant1    | 2500            | -48.43      | 4.47       | -           | 51.27      | Peak     | 74             | Pass    |
| g    | 2462            | Ant1    | 2500            | -56.48      | 4.47       | 0.6         | 43.82      | Average  | 54             | Pass    |
| n20  | 2412            | Ant1    | 2310            | -50.4       | 4.47       | -           | 49.3       | Peak     | 74             | Pass    |
| n20  | 2412            | Ant1    | 2310            | -57.03      | 4.47       | 0.58        | 43.25      | Average  | 54             | Pass    |
| n20  | 2412            | Ant1    | 2340.069        | -46.22      | 4.47       | -           | 53.48      | Peak     | 74             | Pass    |
| n20  | 2412            | Ant1    | 2337.027        | -54.27      | 4.47       | 0.58        | 46.01      | Average  | 54             | Pass    |
| n20  | 2412            | Ant1    | 2390            | -49.67      | 4.47       | -           | 50.03      | Peak     | 74             | Pass    |
| n20  | 2412            | Ant1    | 2390            | -56.83      | 4.47       | 0.58        | 43.45      | Average  | 54             | Pass    |
| n20  | 2462            | Ant1    | 2483.5          | -49.51      | 4.47       | -           | 50.19      | Peak     | 74             | Pass    |
| n20  | 2462            | Ant1    | 2483.5          | -56.85      | 4.47       | 0.58        | 43.43      | Average  | 54             | Pass    |
| n20  | 2462            | Ant1    | 2497.403        | -47.02      | 4.47       | -           | 52.68      | Peak     | 74             | Pass    |
| n20  | 2462            | Ant1    | 2489.135        | -55.8       | 4.47       | 0.58        | 44.48      | Average  | 54             | Pass    |

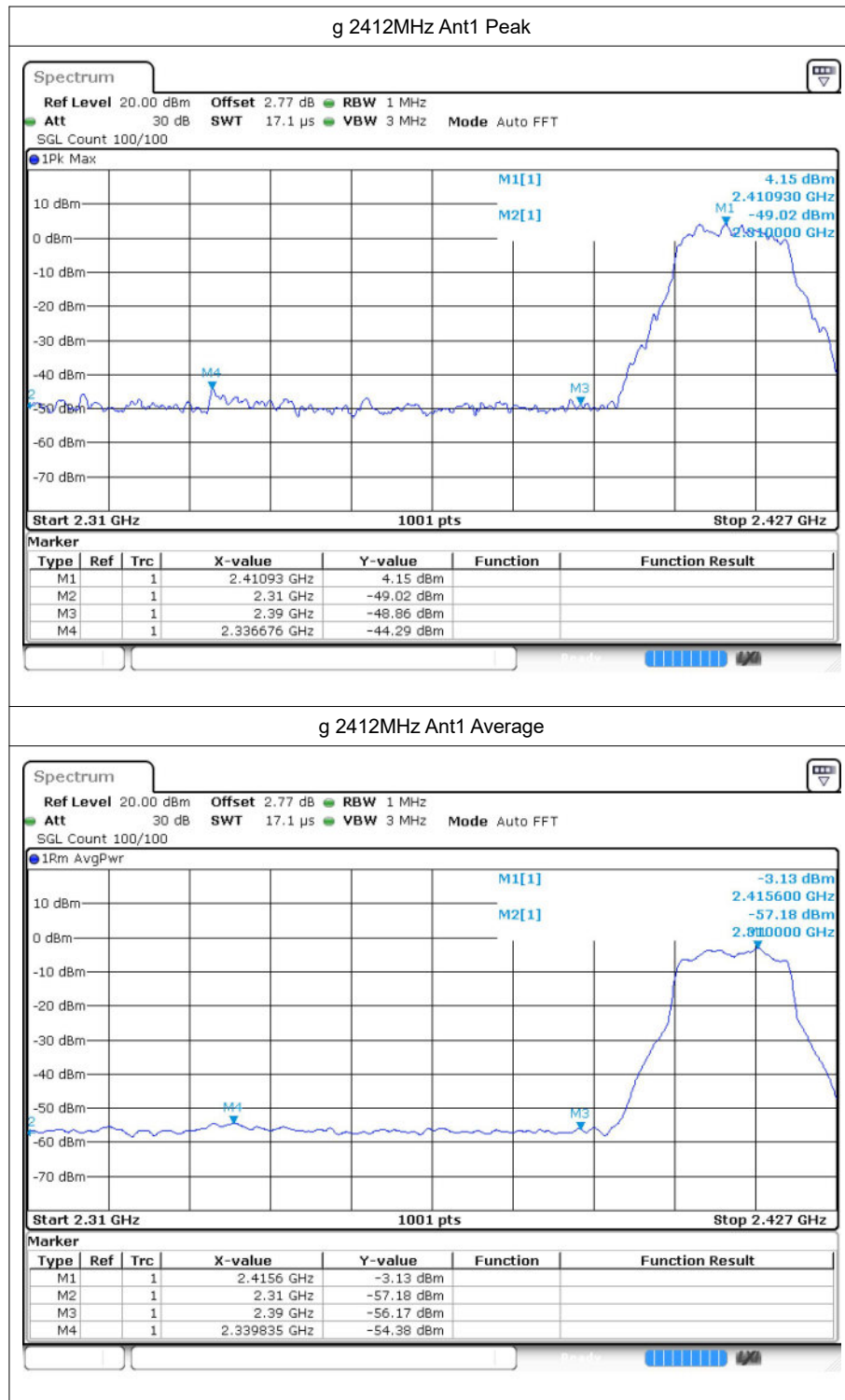


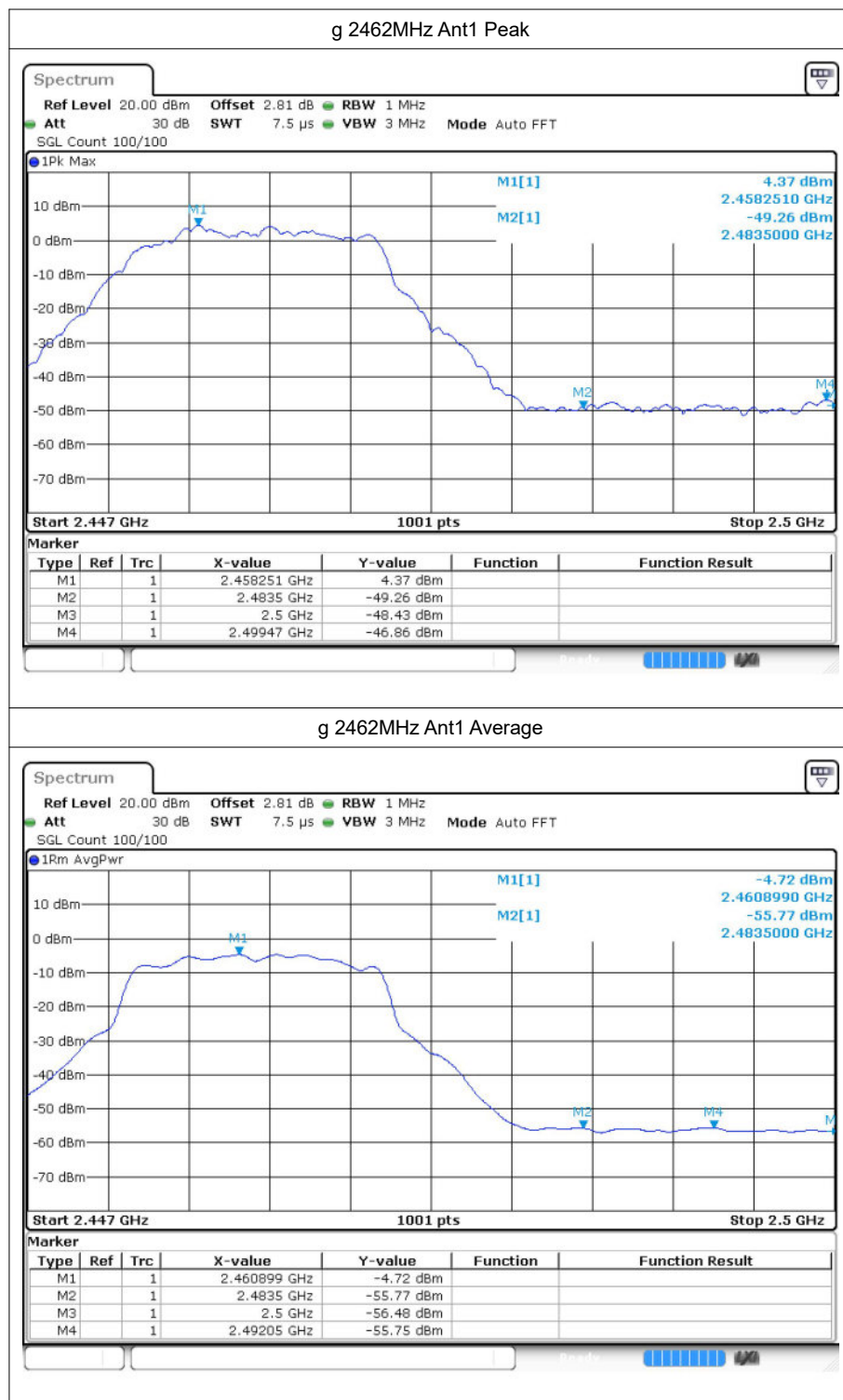
|     |      |      |          |        |      |      |       |         |    |      |
|-----|------|------|----------|--------|------|------|-------|---------|----|------|
| n20 | 2462 | Ant1 | 2500     | -49.96 | 4.47 | -    | 49.74 | Peak    | 74 | Pass |
| n20 | 2462 | Ant1 | 2500     | -57.73 | 4.47 | 0.58 | 42.55 | Average | 54 | Pass |
| n40 | 2422 | Ant1 | 2310     | -50.09 | 4.47 | -    | 49.61 | Peak    | 74 | Pass |
| n40 | 2422 | Ant1 | 2310     | -56.55 | 4.47 | 0.55 | 43.7  | Average | 54 | Pass |
| n40 | 2422 | Ant1 | 2341.382 | -46.14 | 4.47 | -    | 53.56 | Peak    | 74 | Pass |
| n40 | 2422 | Ant1 | 2345.784 | -54.43 | 4.47 | 0.55 | 45.82 | Average | 54 | Pass |
| n40 | 2422 | Ant1 | 2390     | -50.11 | 4.47 | -    | 49.59 | Peak    | 74 | Pass |
| n40 | 2422 | Ant1 | 2390     | -56.09 | 4.47 | 0.55 | 44.16 | Average | 54 | Pass |
| n40 | 2452 | Ant1 | 2483.5   | -48.39 | 4.47 | -    | 51.31 | Peak    | 74 | Pass |
| n40 | 2452 | Ant1 | 2483.5   | -56.61 | 4.47 | 0.55 | 43.64 | Average | 54 | Pass |
| n40 | 2452 | Ant1 | 2490.016 | -47.18 | 4.47 | -    | 52.52 | Peak    | 74 | Pass |
| n40 | 2452 | Ant1 | 2486.896 | -55.48 | 4.47 | 0.55 | 44.77 | Average | 54 | Pass |
| n40 | 2452 | Ant1 | 2500     | -49.39 | 4.47 | -    | 50.31 | Peak    | 74 | Pass |
| n40 | 2452 | Ant1 | 2500     | -57    | 4.47 | 0.55 | 43.25 | Average | 54 | Pass |

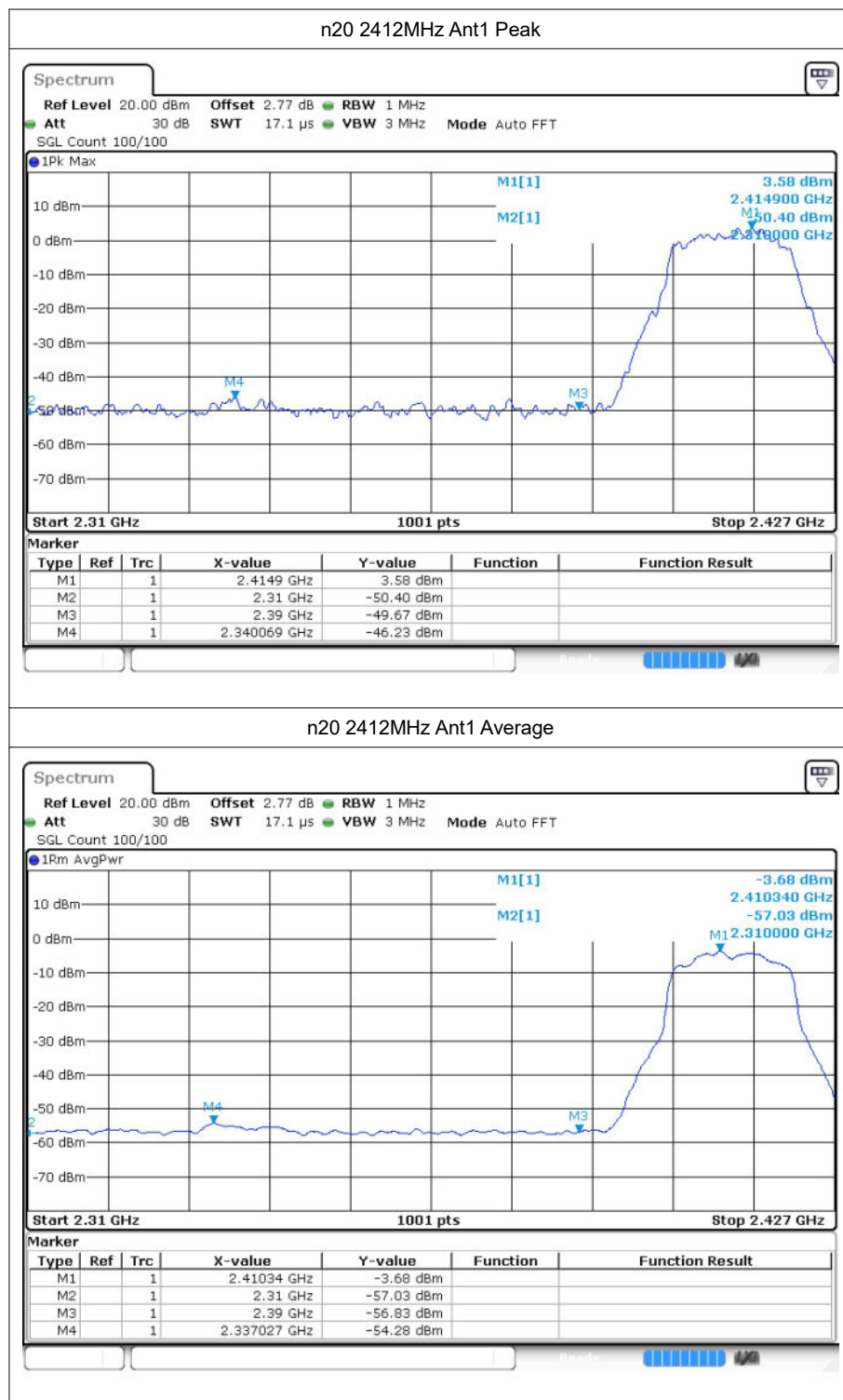
## 7.2 Test Graphs

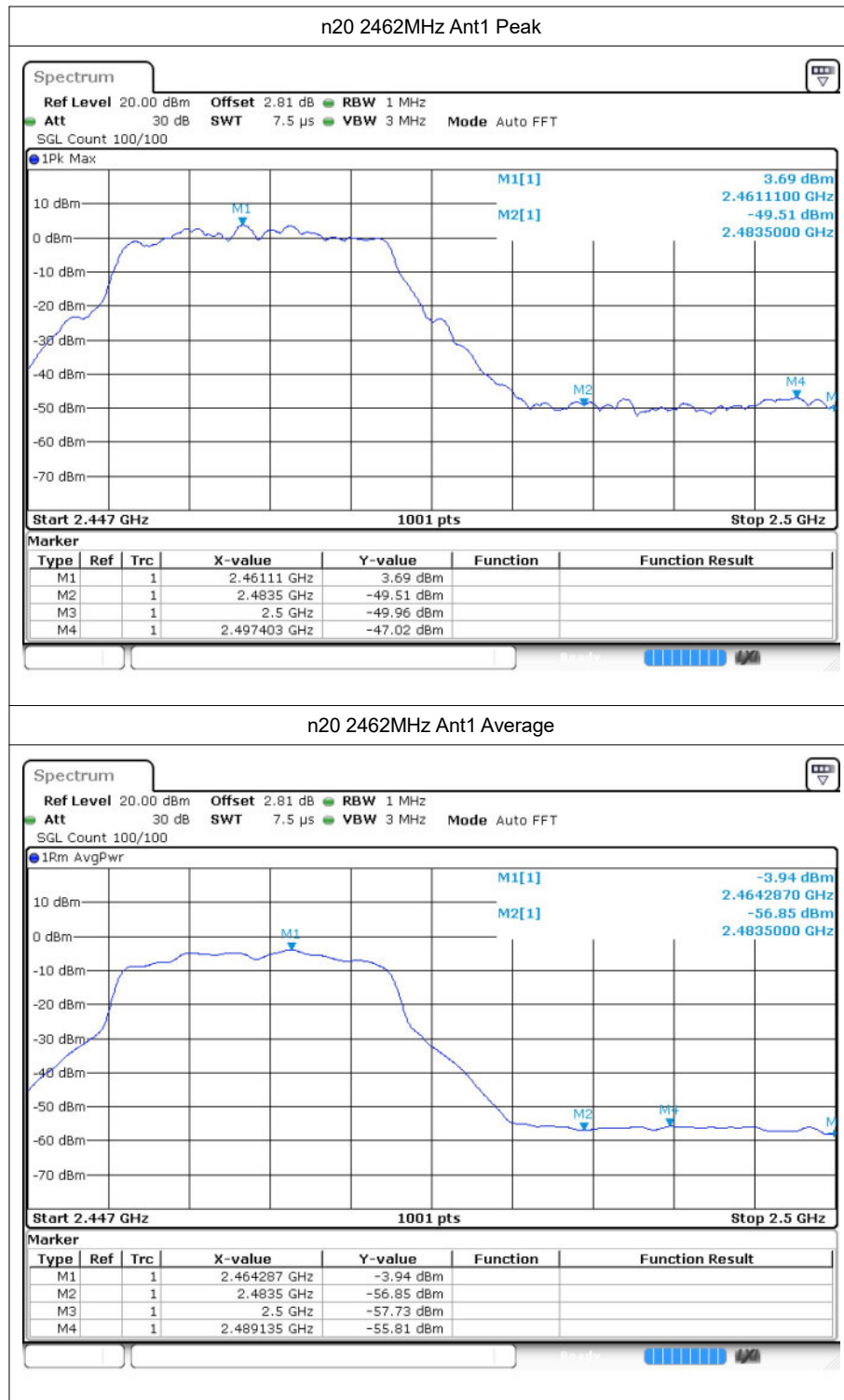


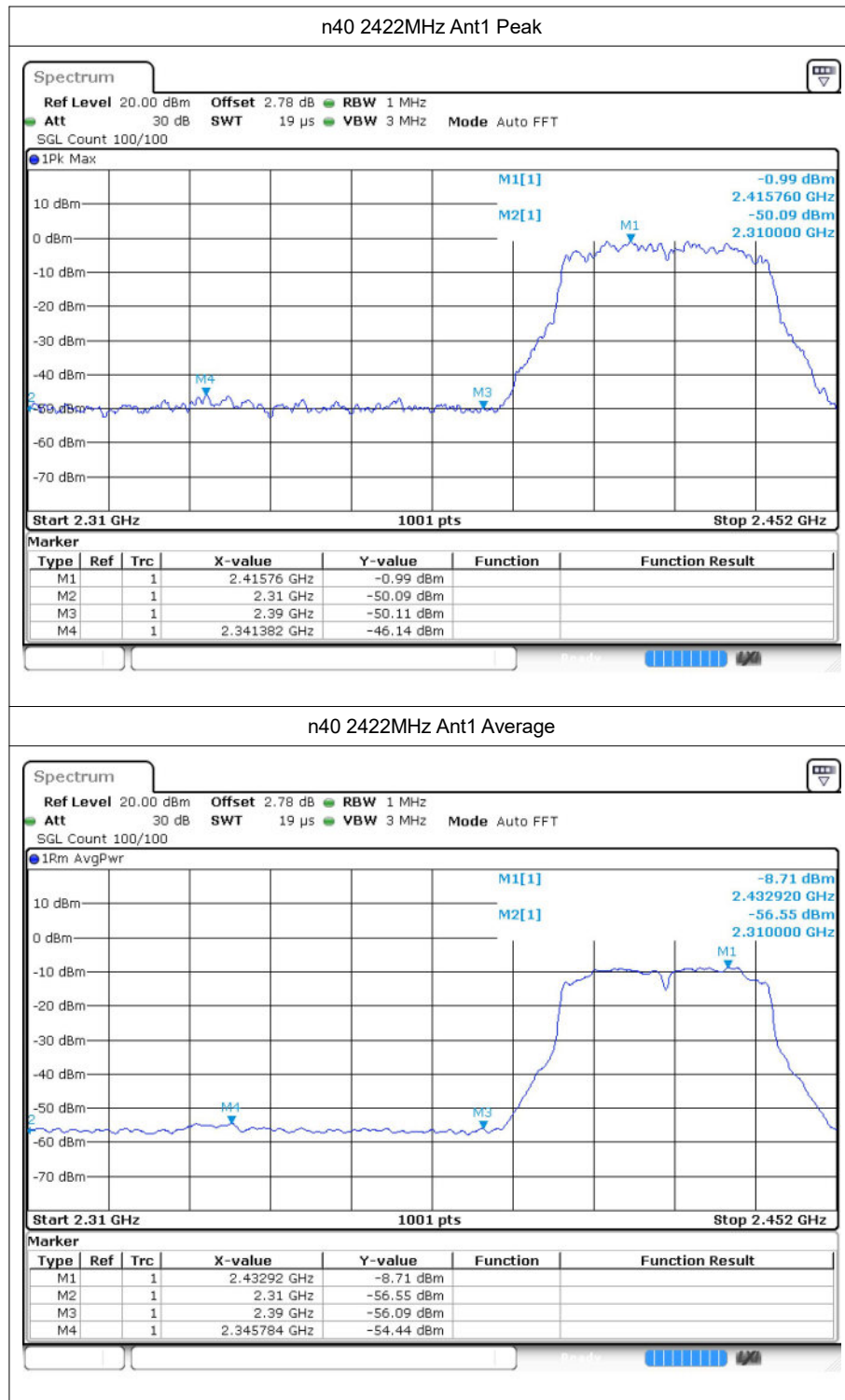


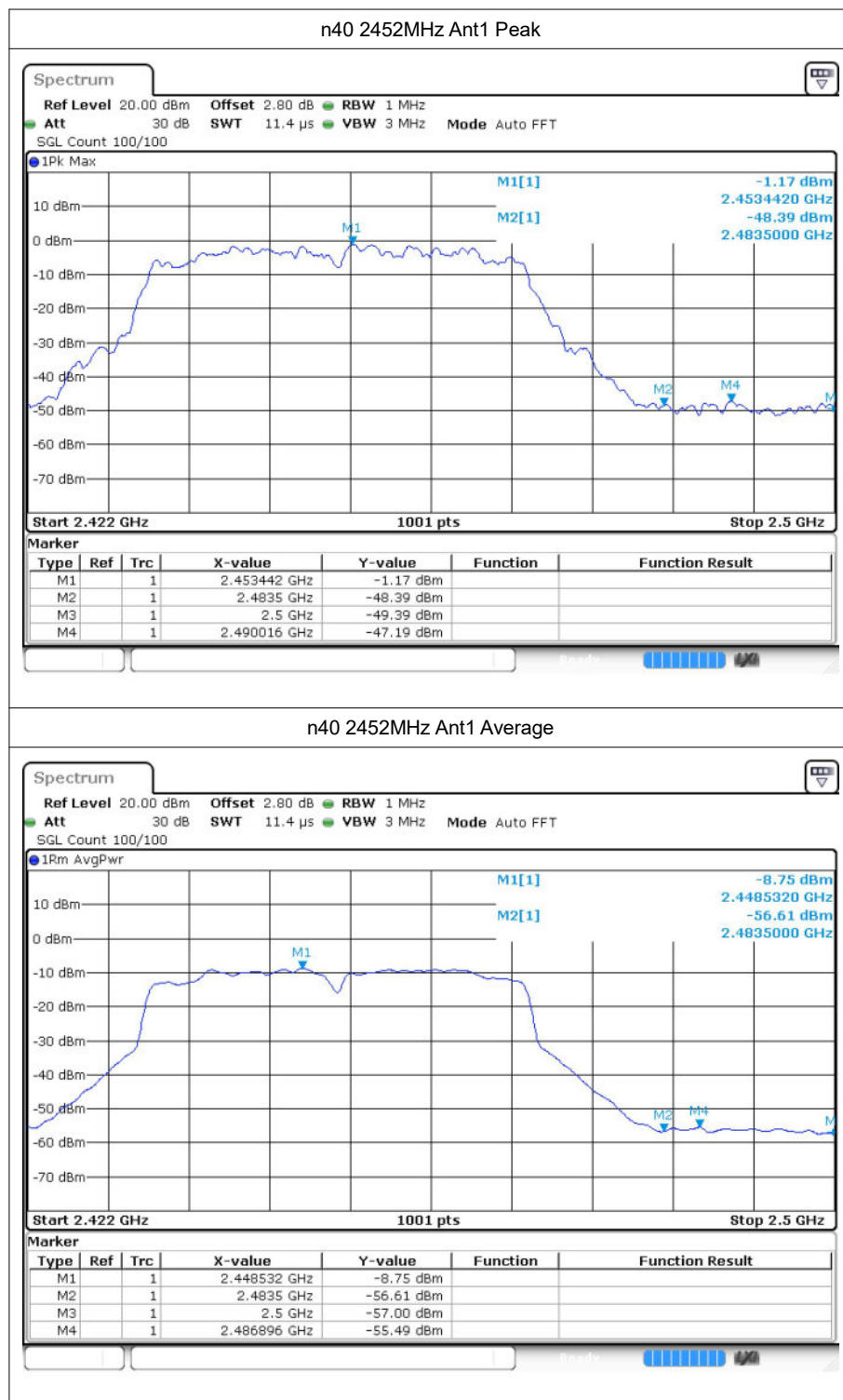












---The End---