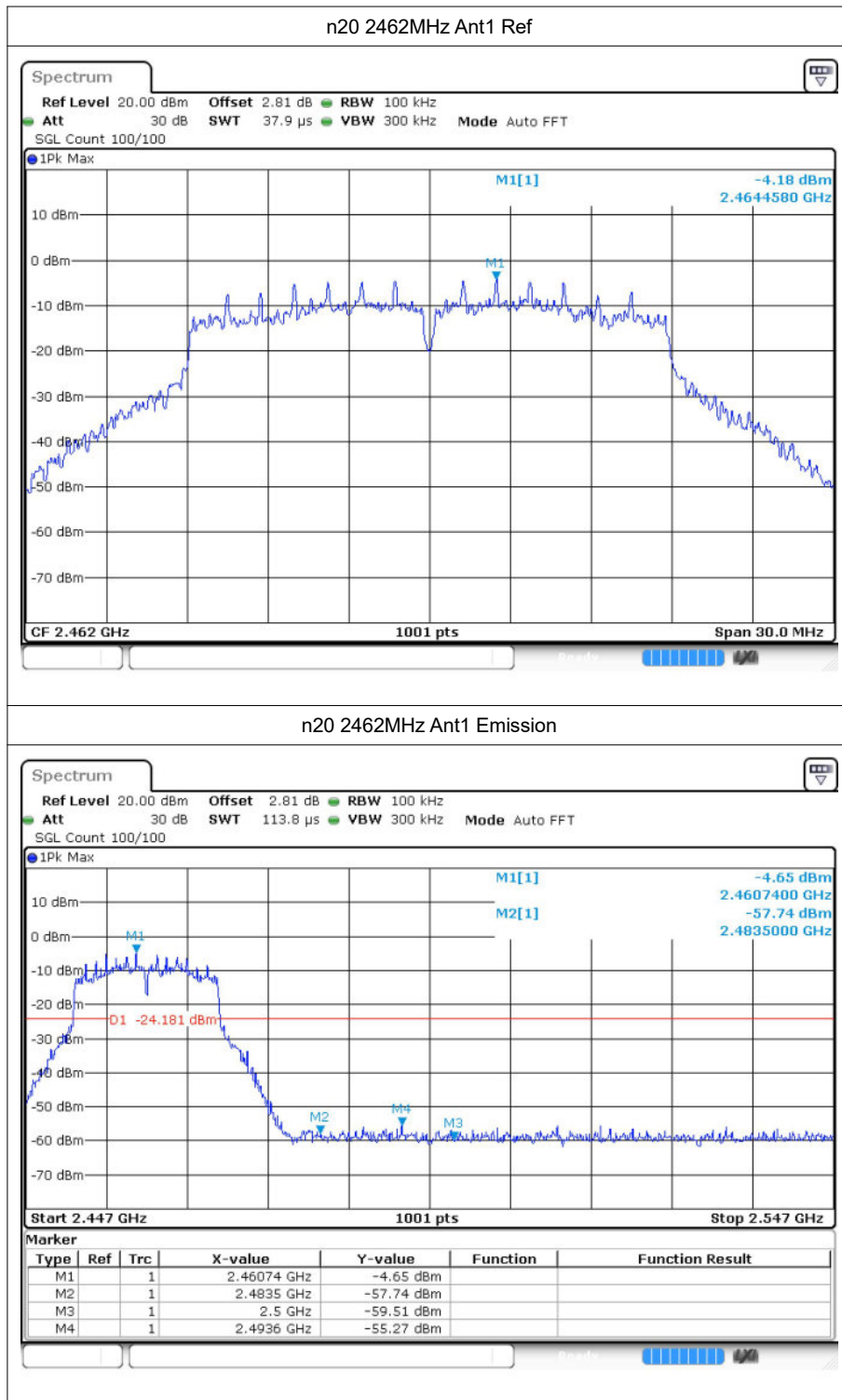
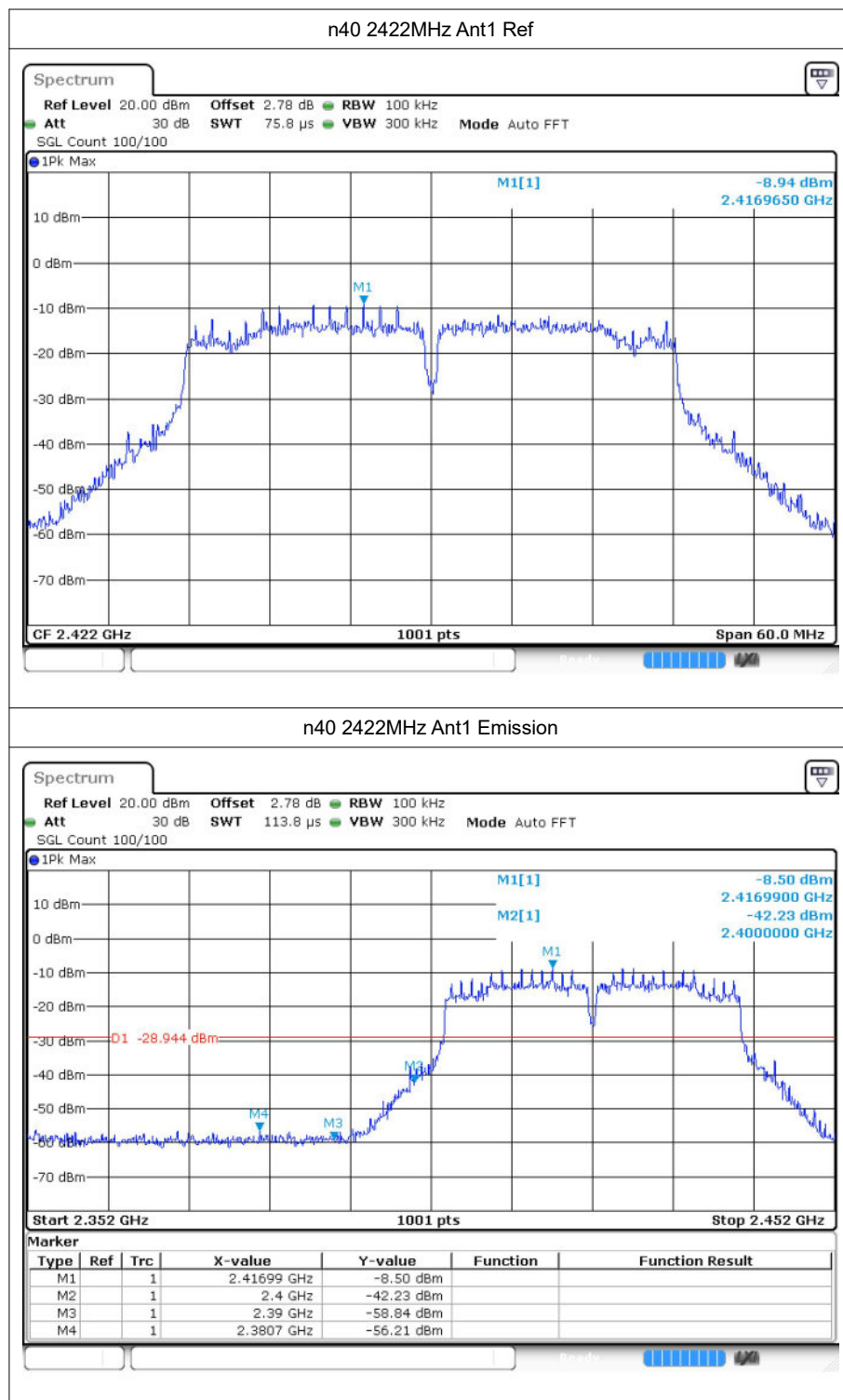
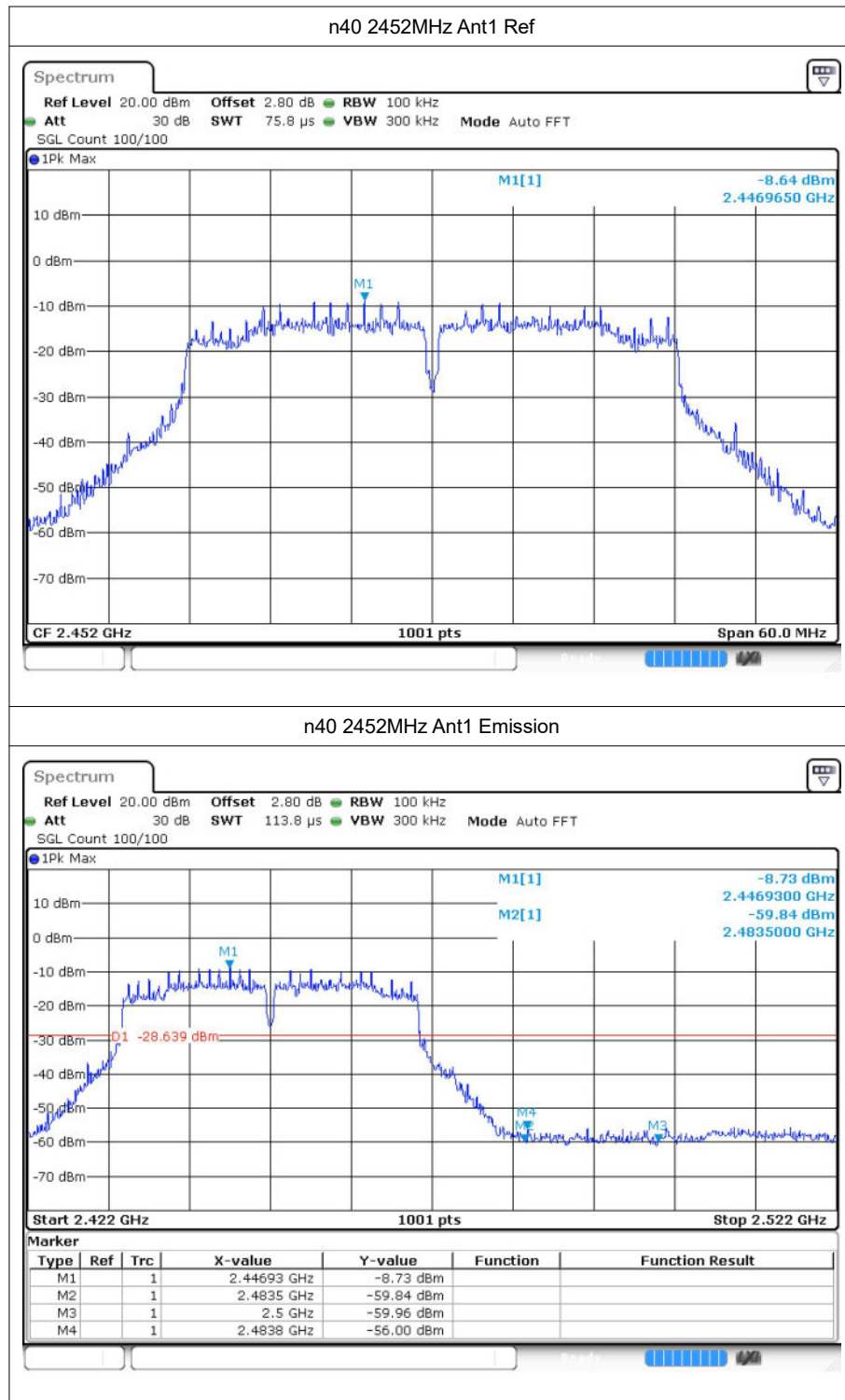








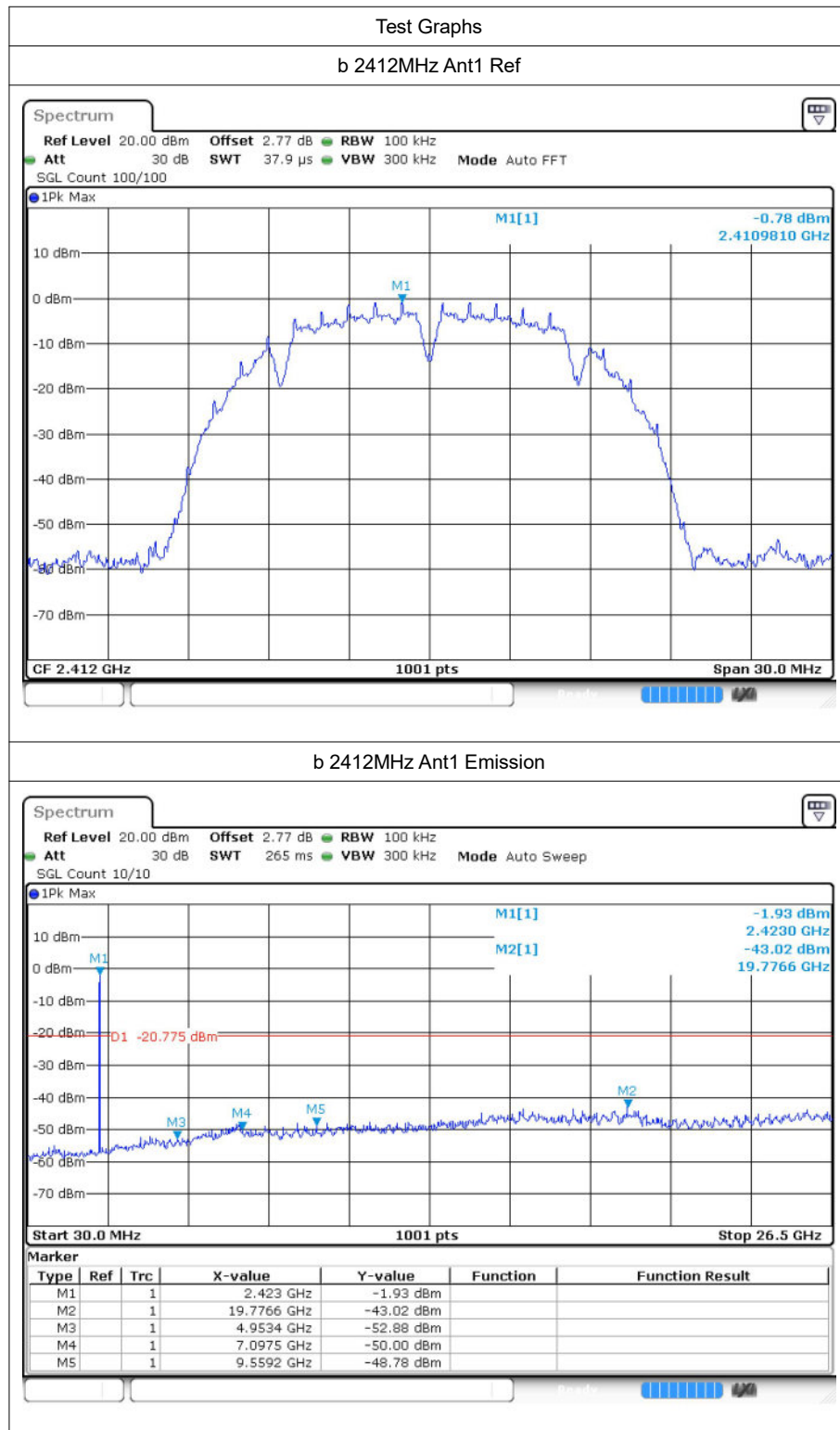


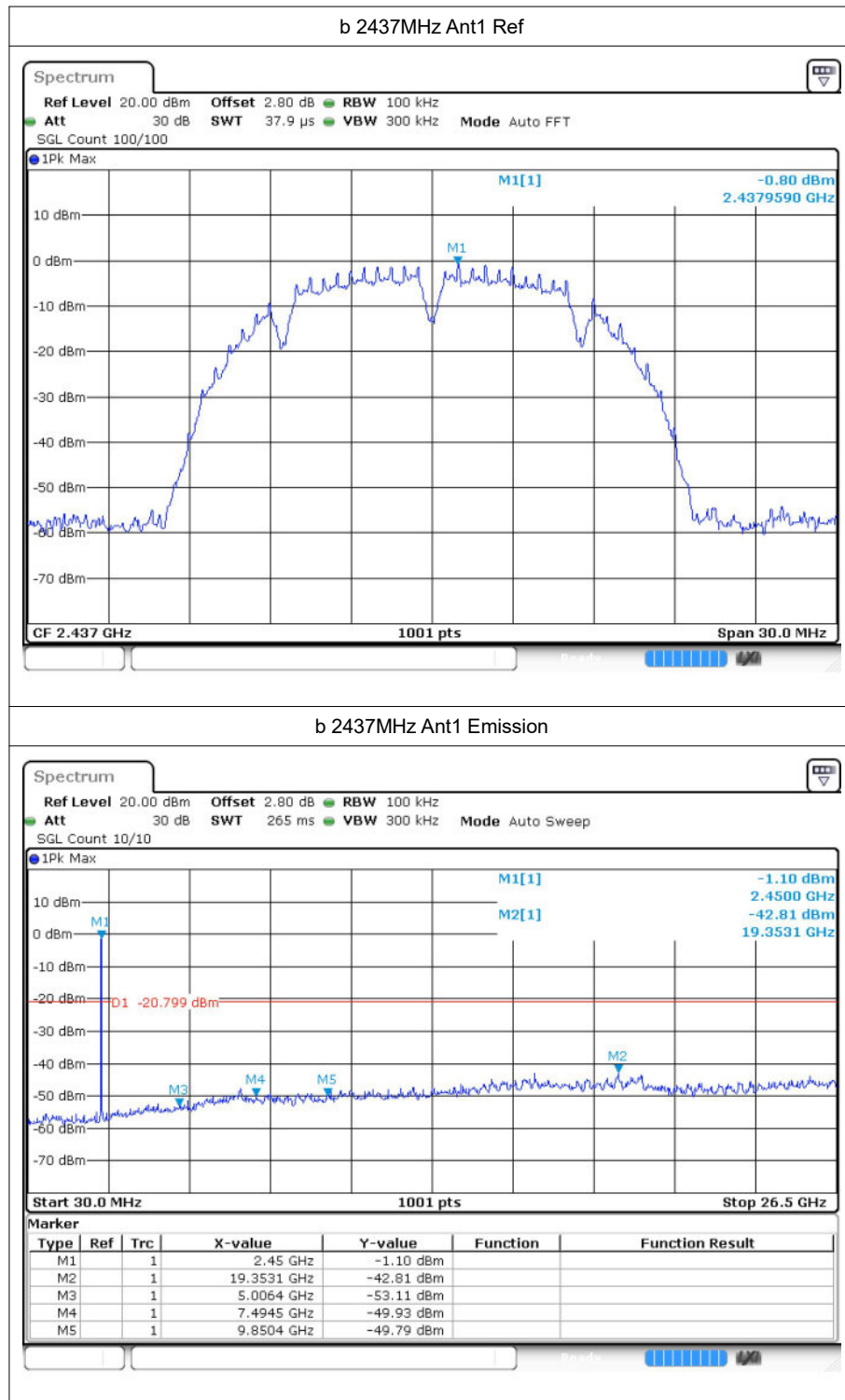
## 6 Conducted RF Spurious Emission

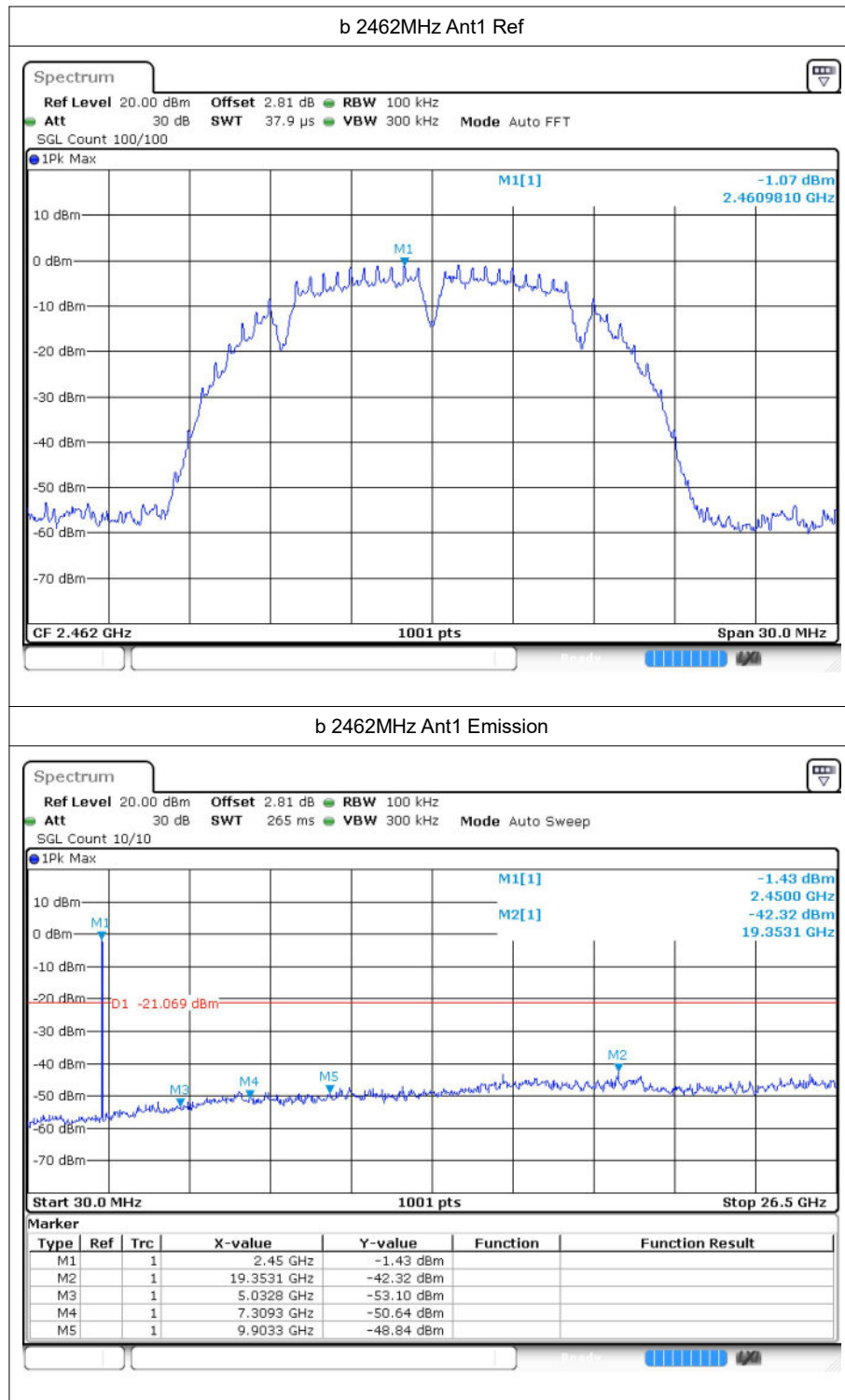
### 6.1 Test Result

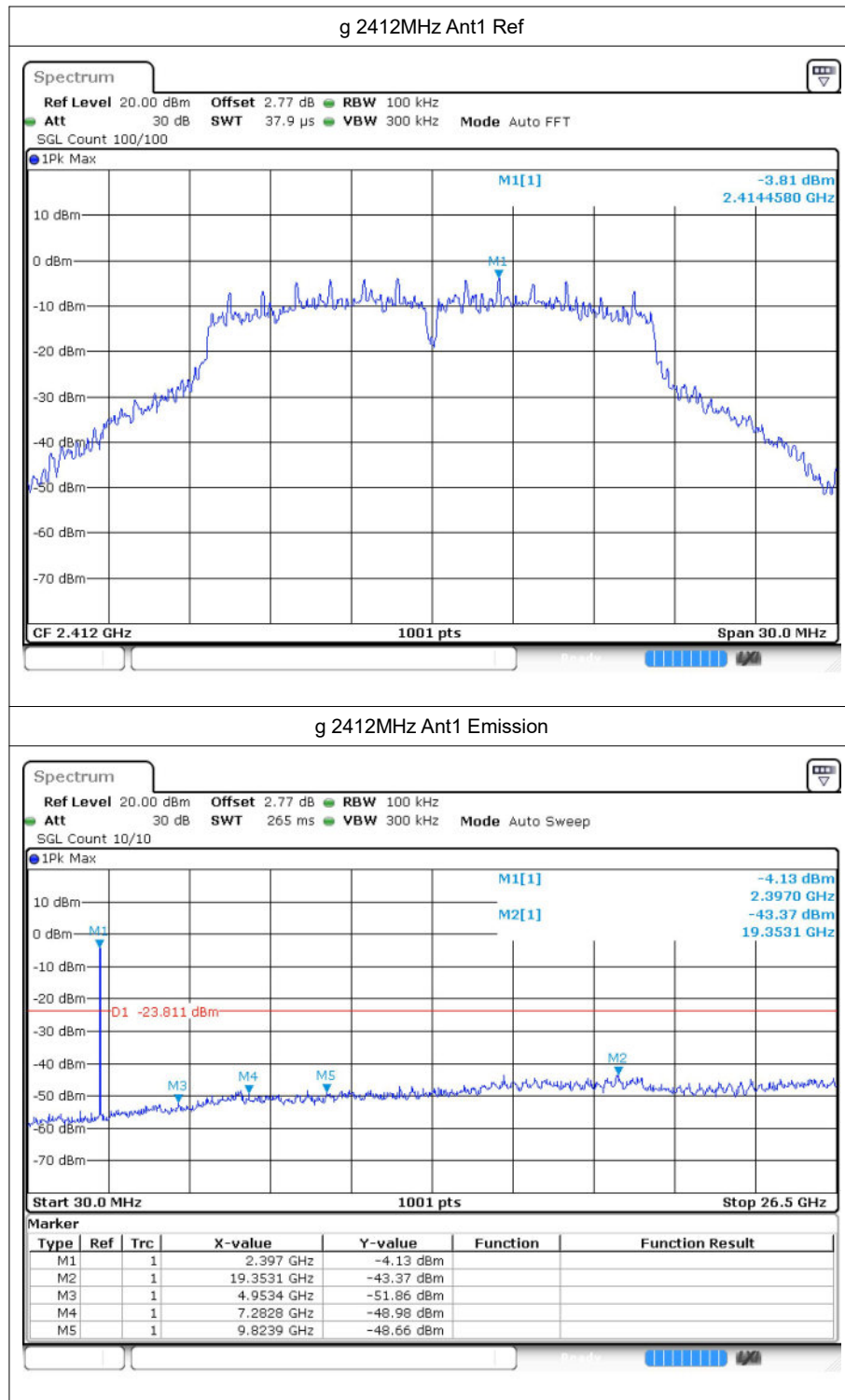
| Mode | Frequency (MHz) | Antenna | Max Value (dBc) | Limit (dBc) | Verdict |
|------|-----------------|---------|-----------------|-------------|---------|
| b    | 2412            | Ant1    | -42.24          | -20         | Pass    |
| b    | 2437            | Ant1    | -42.01          | -20         | Pass    |
| b    | 2462            | Ant1    | -41.24          | -20         | Pass    |
| g    | 2412            | Ant1    | -39.55          | -20         | Pass    |
| g    | 2437            | Ant1    | -39.87          | -20         | Pass    |
| g    | 2462            | Ant1    | -39.04          | -20         | Pass    |
| n20  | 2412            | Ant1    | -38.65          | -20         | Pass    |
| n20  | 2437            | Ant1    | -38.59          | -20         | Pass    |
| n20  | 2462            | Ant1    | -39.12          | -20         | Pass    |
| n40  | 2422            | Ant1    | -34.62          | -20         | Pass    |
| n40  | 2437            | Ant1    | -35.02          | -20         | Pass    |
| n40  | 2452            | Ant1    | -34.3           | -20         | Pass    |

## 6.2 Test Graphs

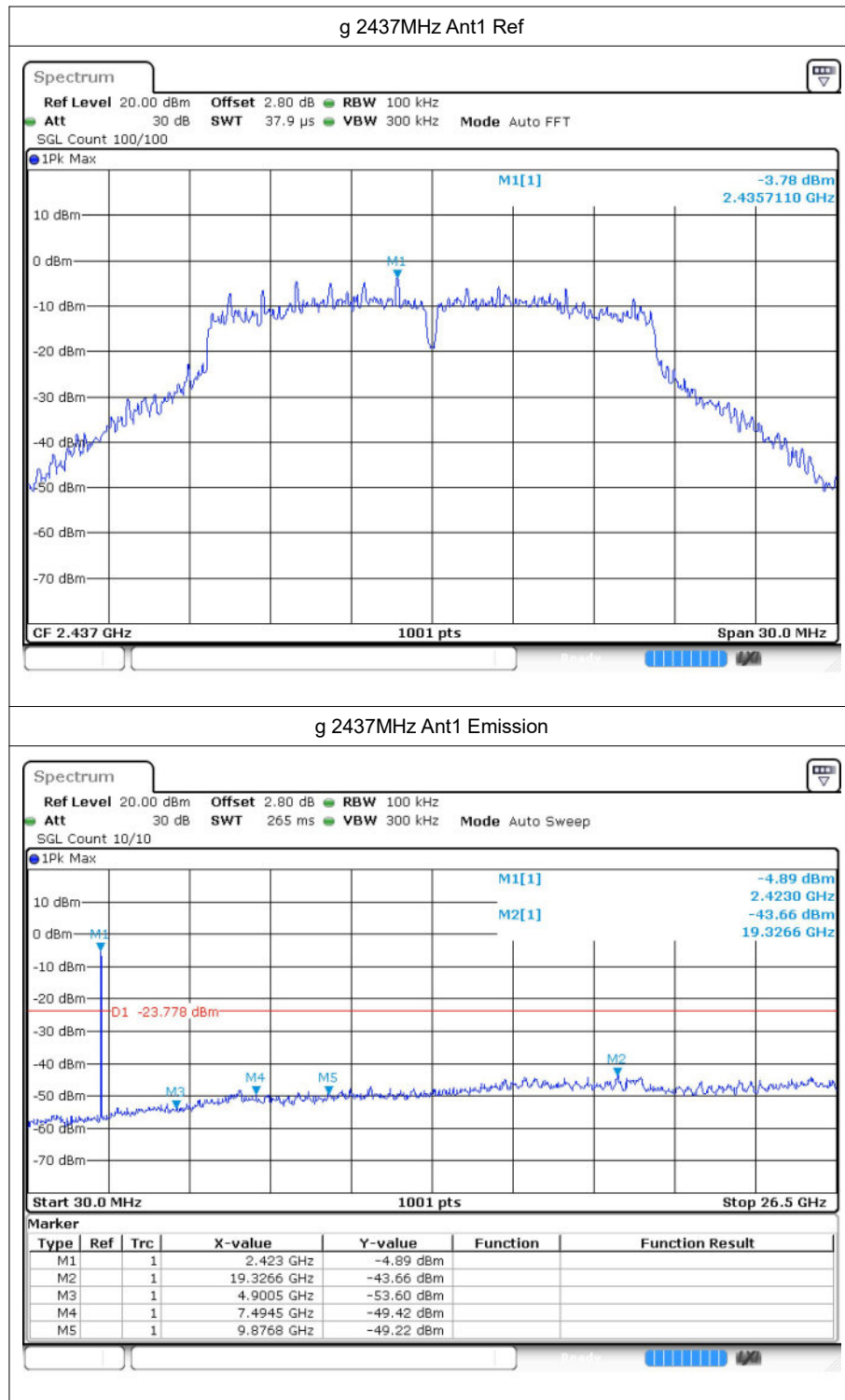


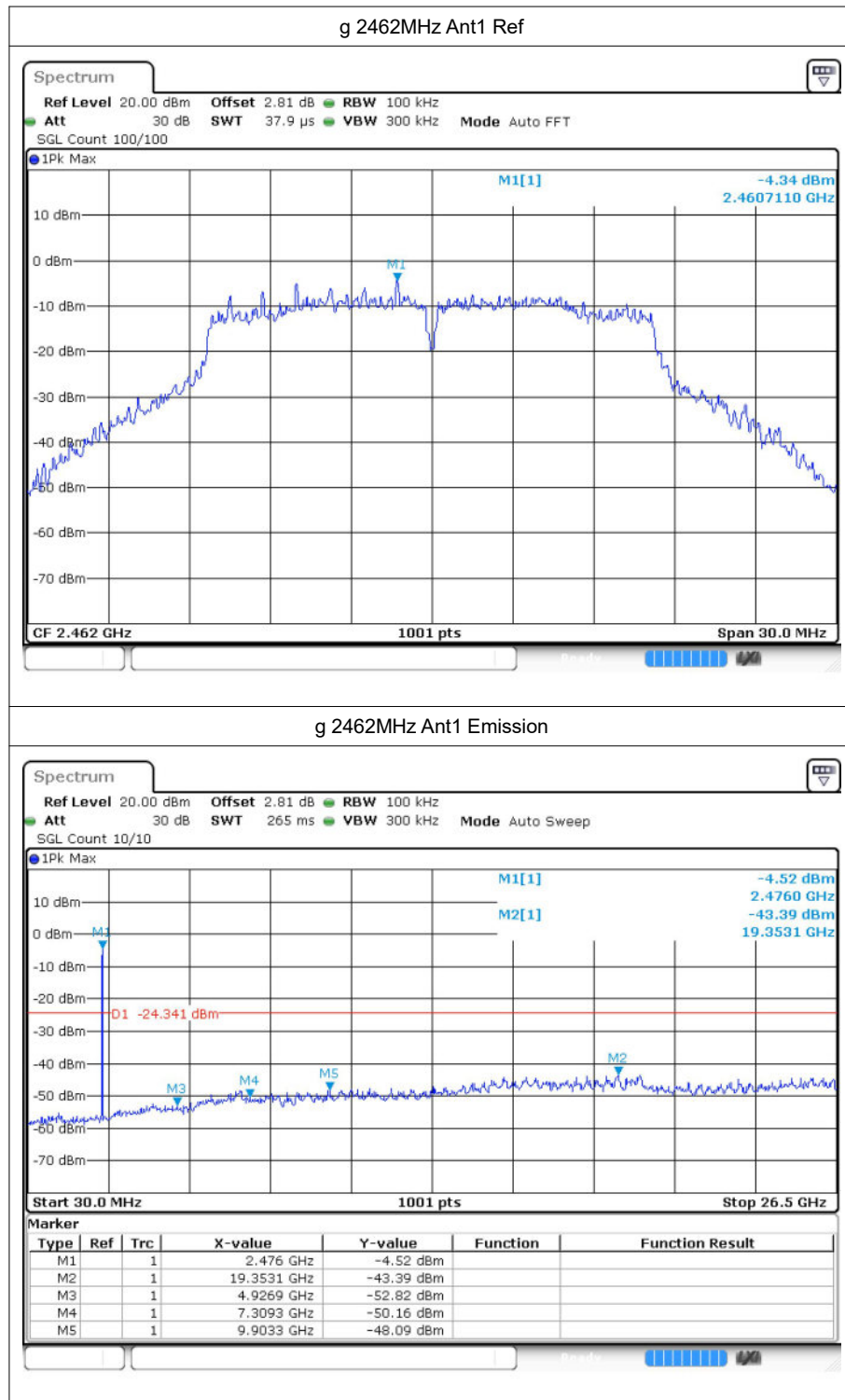


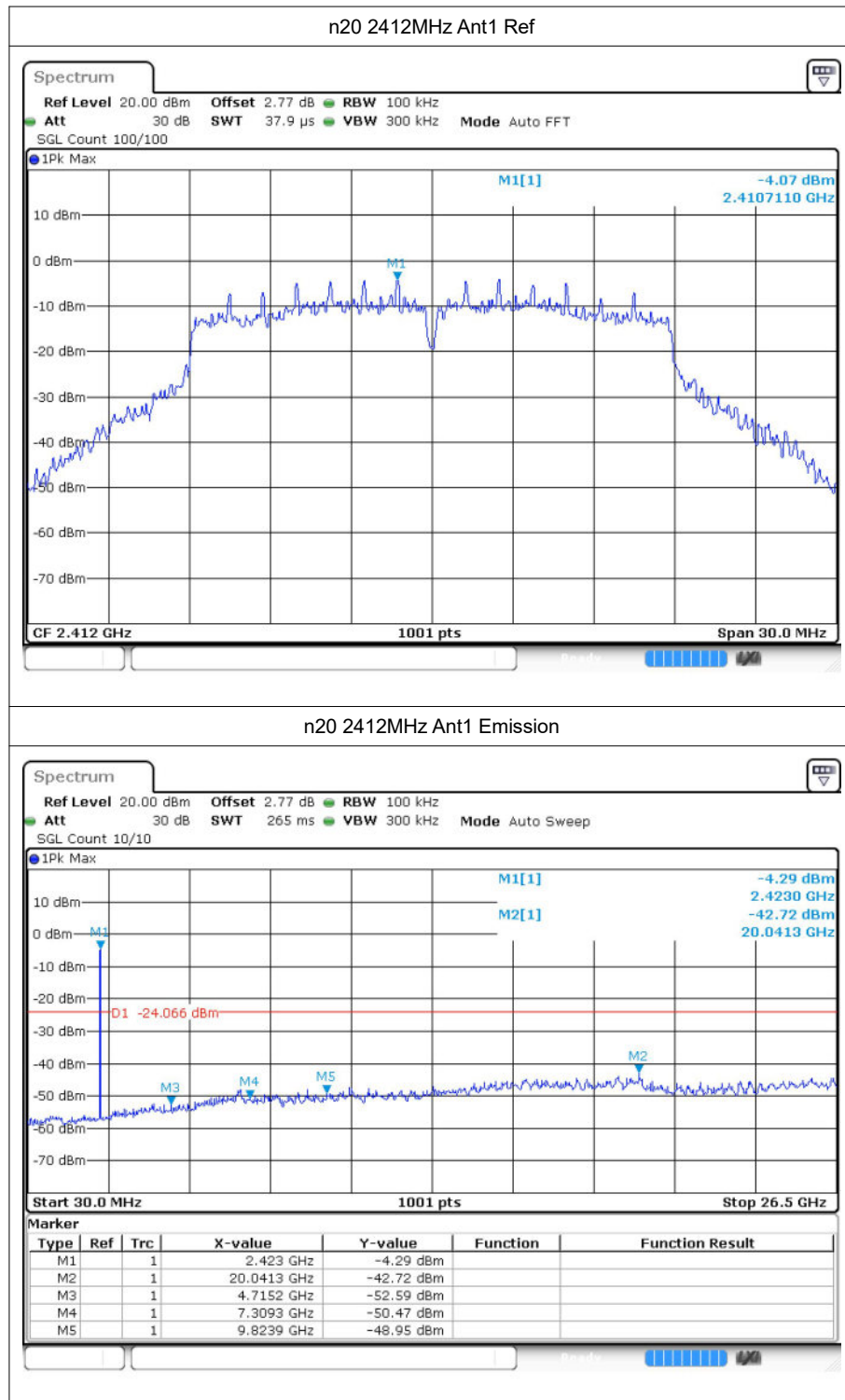


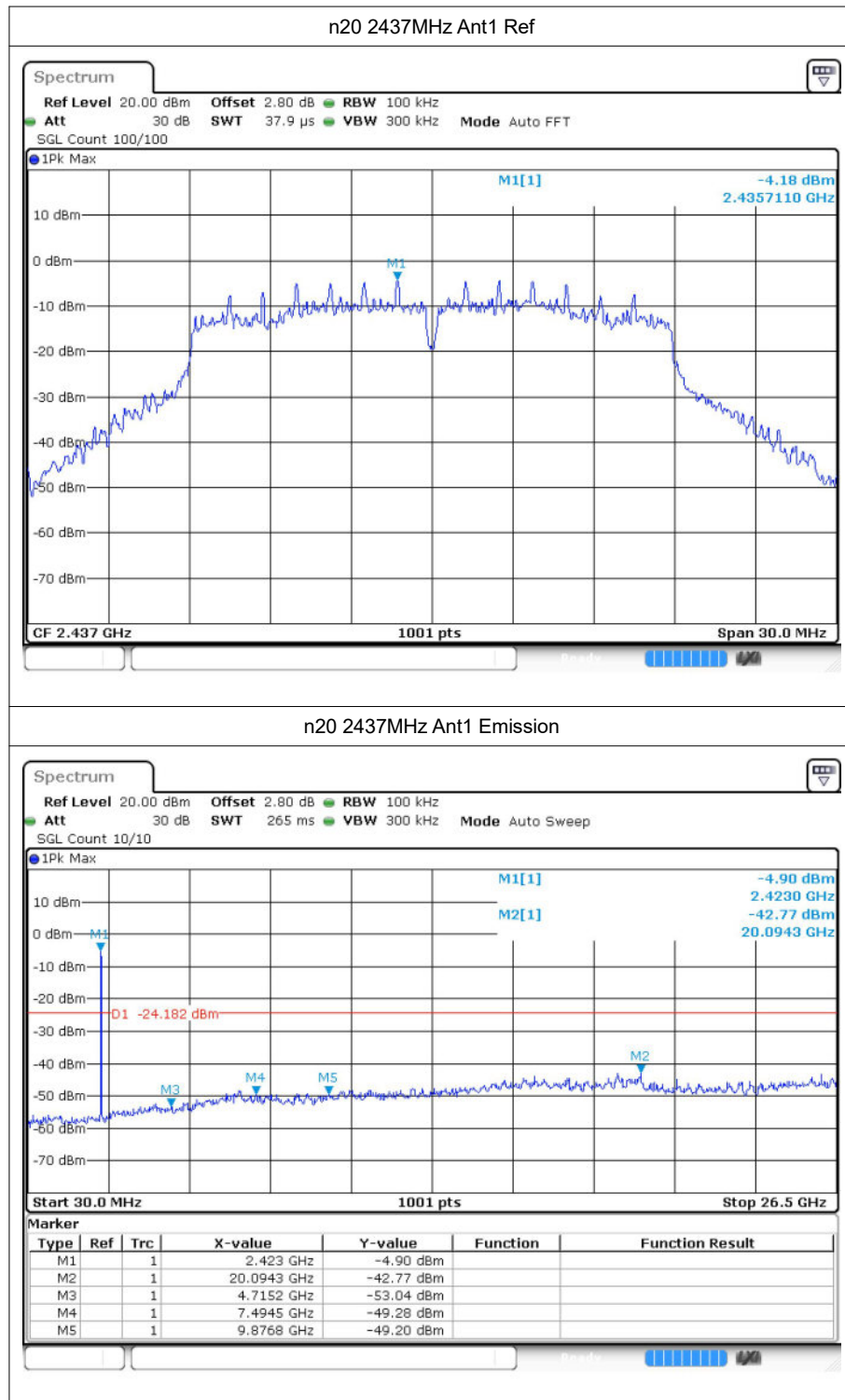


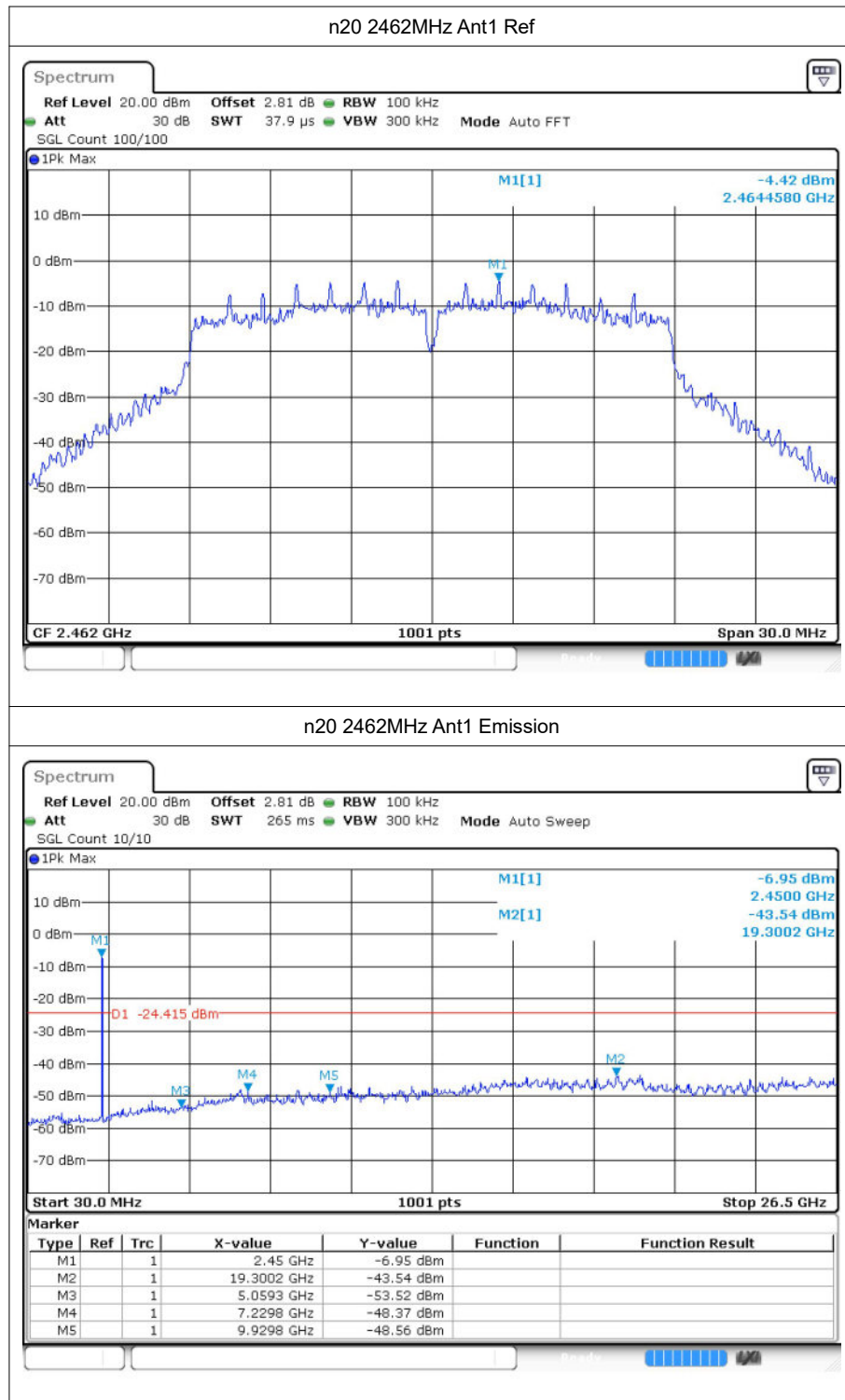


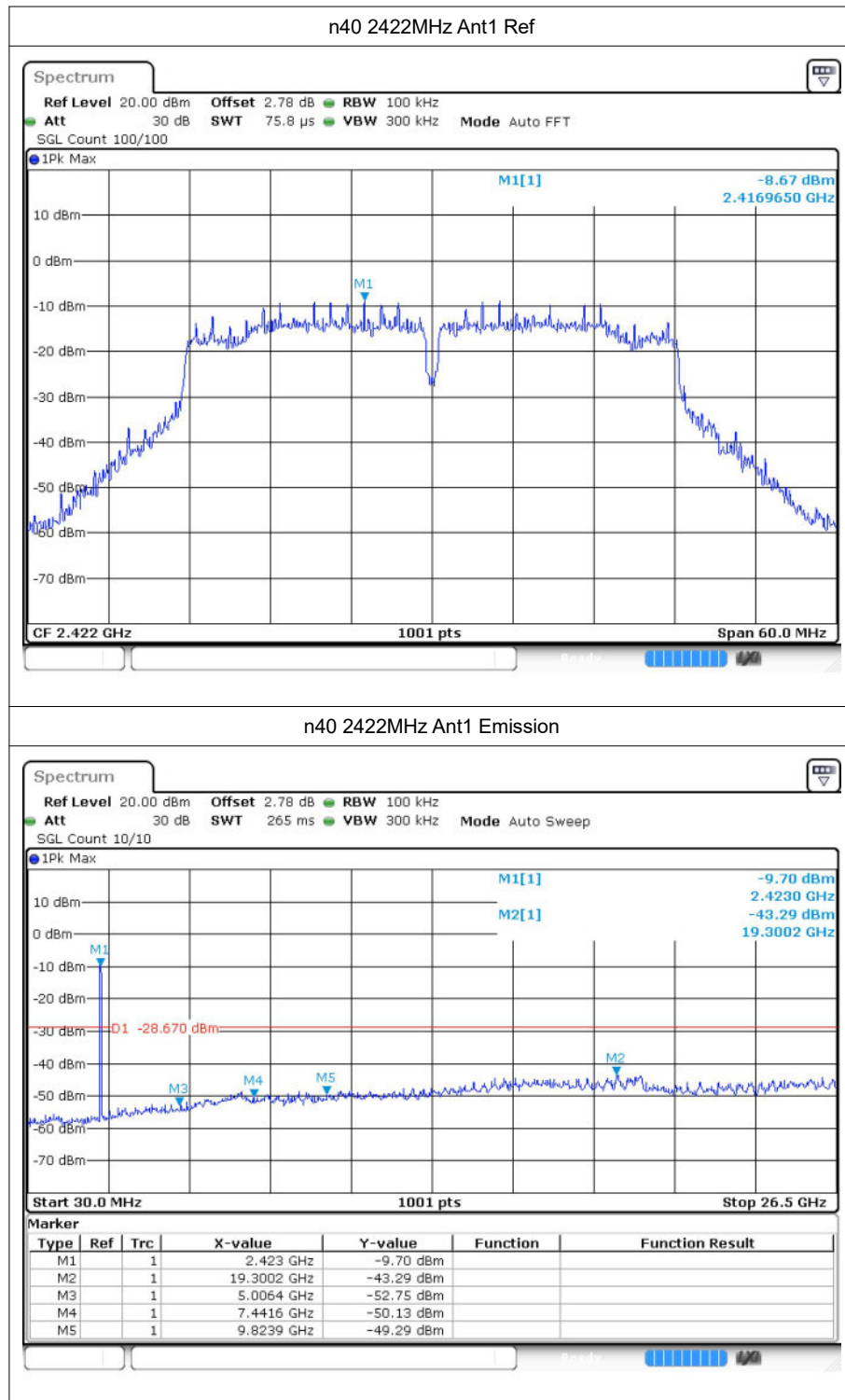


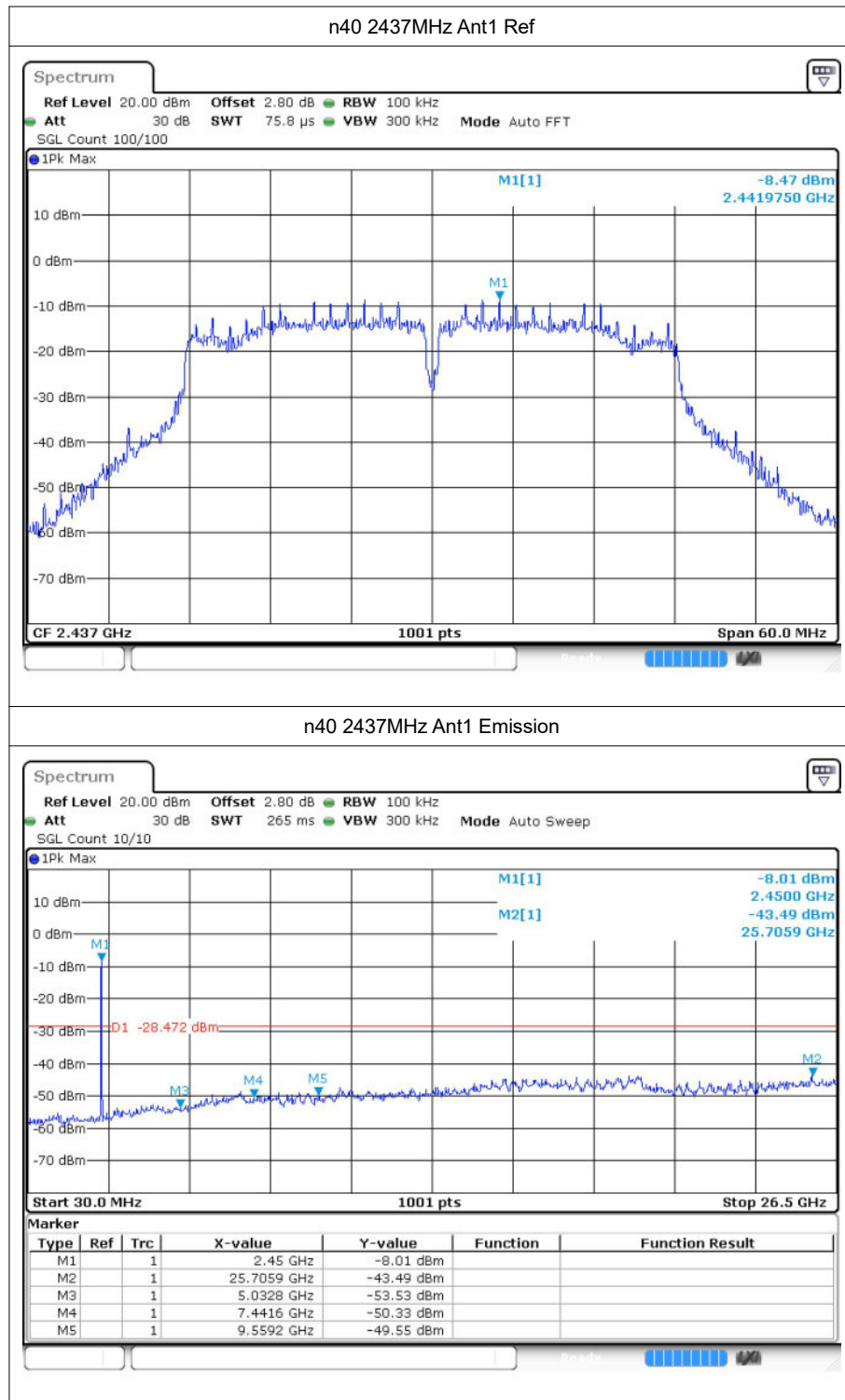




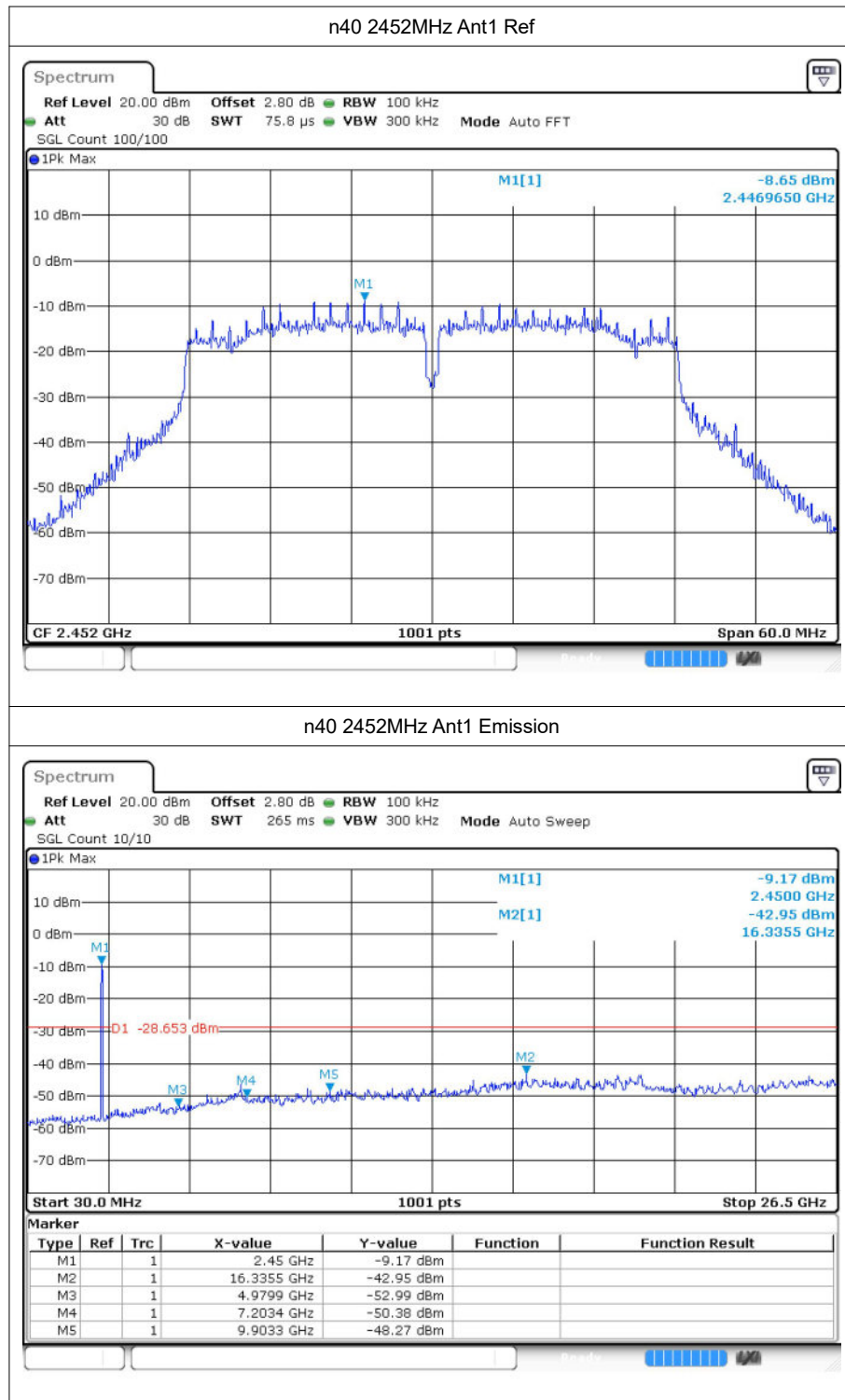
















## 7 Restrict Band

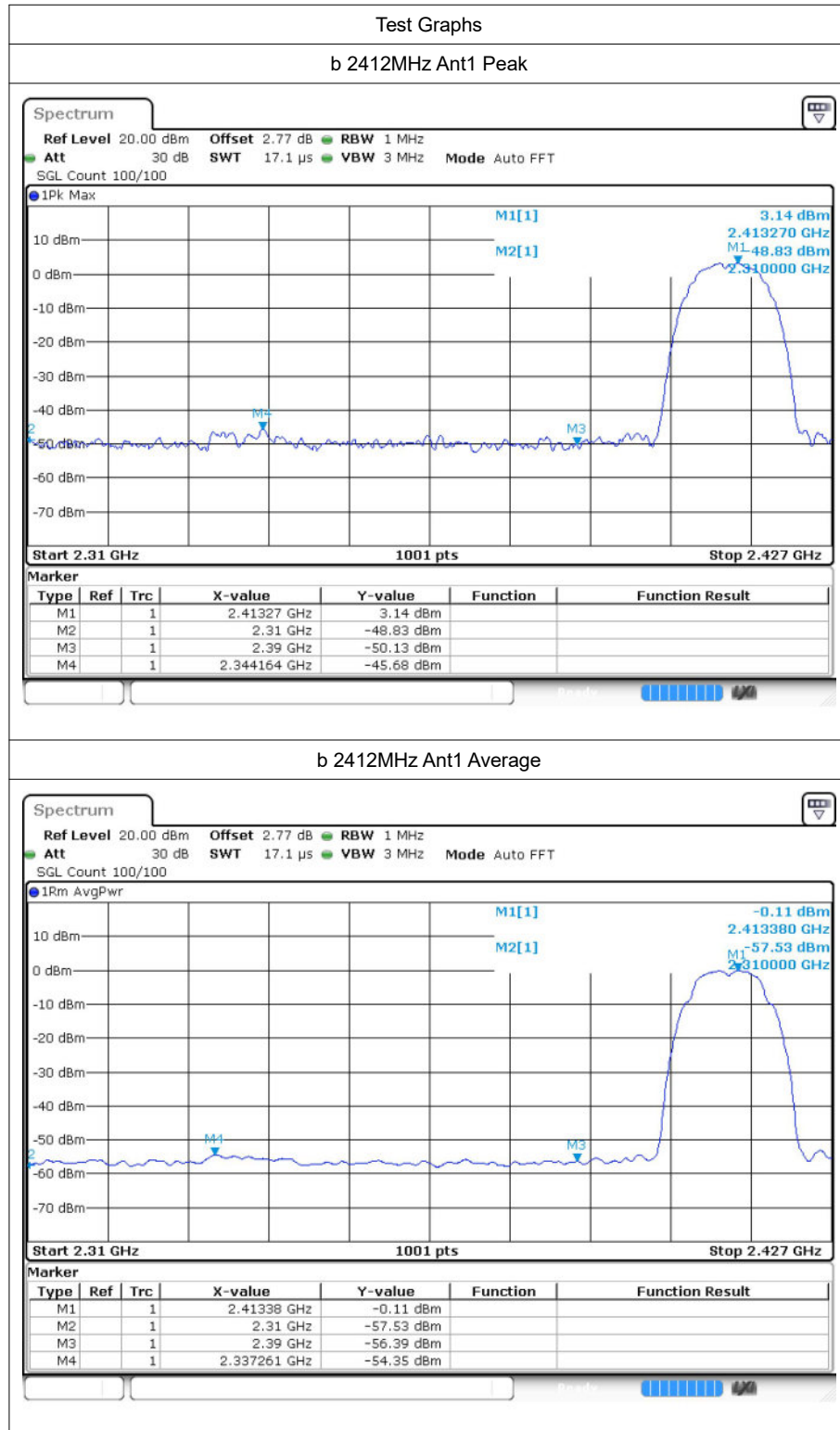
### 7.1 Test Result

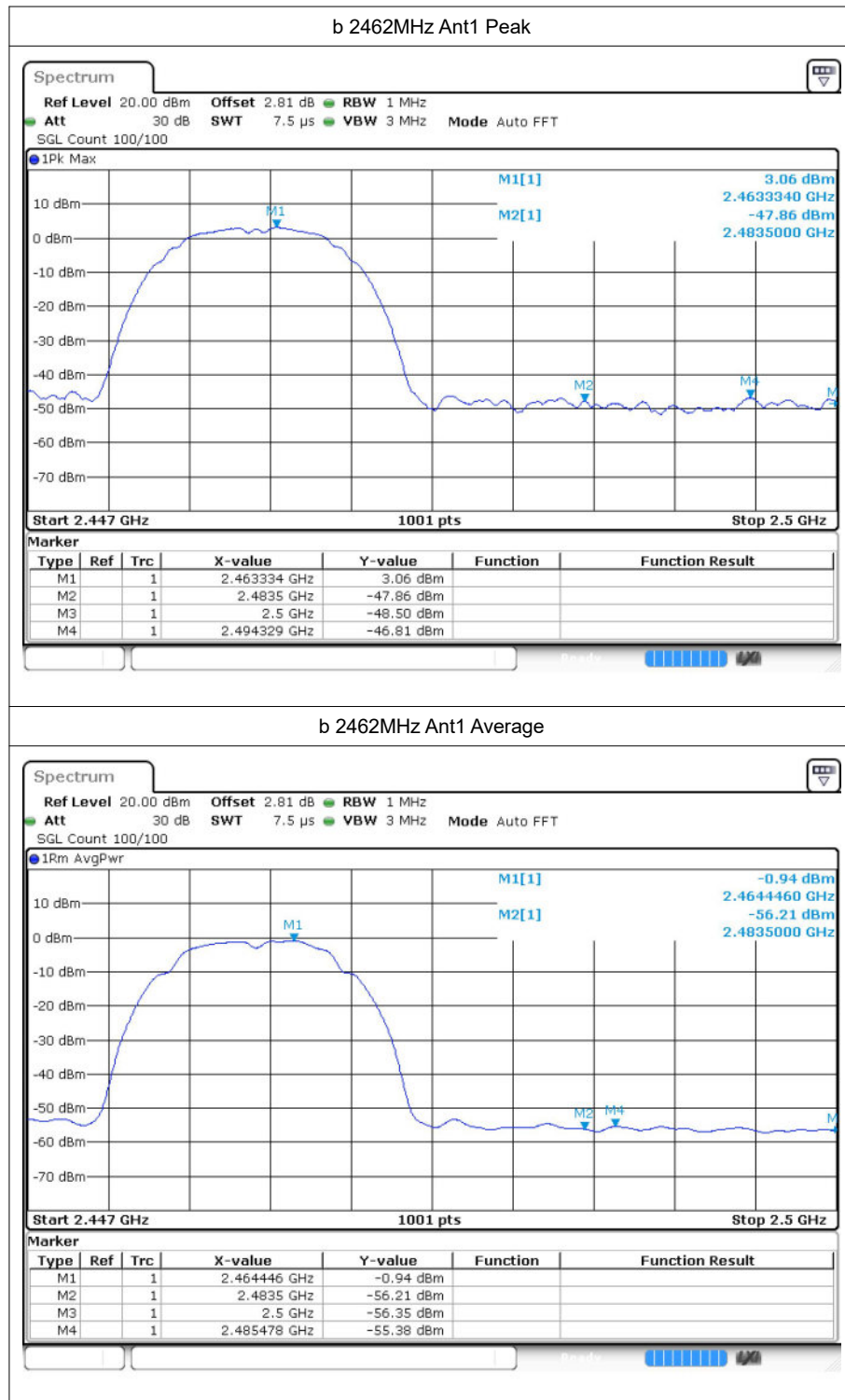
| Mode | Frequency (MHz) | Antenna | Spur Freq (MHz) | Power (dBm) | Gain (dBi) | Duty Factor | E (dBuV/m) | Detector | Limit (dBuV/m) | Verdict |
|------|-----------------|---------|-----------------|-------------|------------|-------------|------------|----------|----------------|---------|
| b    | 2412            | Ant1    | 2310            | -48.83      | 4.5        | -           | 50.93      | Peak     | 74             | Pass    |
| b    | 2412            | Ant1    | 2310            | -57.53      | 4.5        | 0           | 42.23      | Average  | 54             | Pass    |
| b    | 2412            | Ant1    | 2344.164        | -45.67      | 4.5        | -           | 54.09      | Peak     | 74             | Pass    |
| b    | 2412            | Ant1    | 2337.261        | -54.34      | 4.5        | 0           | 45.42      | Average  | 54             | Pass    |
| b    | 2412            | Ant1    | 2390            | -50.13      | 4.5        | -           | 49.63      | Peak     | 74             | Pass    |
| b    | 2412            | Ant1    | 2390            | -56.39      | 4.5        | 0           | 43.37      | Average  | 54             | Pass    |
| b    | 2462            | Ant1    | 2483.5          | -47.86      | 4.5        | -           | 51.9       | Peak     | 74             | Pass    |
| b    | 2462            | Ant1    | 2483.5          | -56.21      | 4.5        | 0           | 43.55      | Average  | 54             | Pass    |
| b    | 2462            | Ant1    | 2494.329        | -46.81      | 4.5        | -           | 52.95      | Peak     | 74             | Pass    |
| b    | 2462            | Ant1    | 2485.478        | -55.37      | 4.5        | 0           | 44.39      | Average  | 54             | Pass    |
| b    | 2462            | Ant1    | 2500            | -48.5       | 4.5        | -           | 51.26      | Peak     | 74             | Pass    |
| b    | 2462            | Ant1    | 2500            | -56.35      | 4.5        | 0           | 43.41      | Average  | 54             | Pass    |
| g    | 2412            | Ant1    | 2310            | -50.57      | 4.5        | -           | 49.19      | Peak     | 74             | Pass    |
| g    | 2412            | Ant1    | 2310            | -56.58      | 4.5        | 0.62        | 43.8       | Average  | 54             | Pass    |
| g    | 2412            | Ant1    | 2340.654        | -44.55      | 4.5        | -           | 55.21      | Peak     | 74             | Pass    |
| g    | 2412            | Ant1    | 2339.601        | -54.28      | 4.5        | 0.62        | 46.1       | Average  | 54             | Pass    |
| g    | 2412            | Ant1    | 2390            | -50.22      | 4.5        | -           | 49.63      | Peak     | 74             | Pass    |
| g    | 2412            | Ant1    | 2390            | -57.6       | 4.5        | 0.62        | 42.78      | Average  | 54             | Pass    |
| g    | 2462            | Ant1    | 2483.5          | -47.98      | 4.5        | -           | 51.78      | Peak     | 74             | Pass    |
| g    | 2462            | Ant1    | 2483.5          | -56.39      | 4.5        | 0.61        | 43.98      | Average  | 54             | Pass    |
| g    | 2462            | Ant1    | 2494.329        | -47.04      | 4.5        | -           | 52.72      | Peak     | 74             | Pass    |
| g    | 2462            | Ant1    | 2484.842        | -55.56      | 4.5        | 0.61        | 44.81      | Average  | 54             | Pass    |
| g    | 2462            | Ant1    | 2500            | -49.5       | 4.5        | -           | 51.26      | Peak     | 74             | Pass    |
| g    | 2462            | Ant1    | 2500            | -56.8       | 4.5        | 0.61        | 43.57      | Average  | 54             | Pass    |
| n20  | 2412            | Ant1    | 2310            | -48.64      | 4.5        | -           | 51.12      | Peak     | 74             | Pass    |
| n20  | 2412            | Ant1    | 2310            | -56.06      | 4.5        | 0.58        | 44.28      | Average  | 54             | Pass    |
| n20  | 2412            | Ant1    | 2366.628        | -47.07      | 4.5        | -           | 52.69      | Peak     | 74             | Pass    |
| n20  | 2412            | Ant1    | 2336.676        | -54.49      | 4.5        | 0.58        | 45.85      | Average  | 54             | Pass    |
| n20  | 2412            | Ant1    | 2390            | -50.3       | 4.5        | -           | 49.46      | Peak     | 74             | Pass    |
| n20  | 2412            | Ant1    | 2390            | -56.82      | 4.5        | 0.58        | 43.52      | Average  | 54             | Pass    |
| n20  | 2462            | Ant1    | 2483.5          | -49.38      | 4.5        | -           | 50.38      | Peak     | 74             | Pass    |
| n20  | 2462            | Ant1    | 2483.5          | -56.43      | 4.5        | 0.58        | 43.91      | Average  | 54             | Pass    |
| n20  | 2462            | Ant1    | 2485.266        | -47.22      | 4.5        | -           | 52.54      | Peak     | 74             | Pass    |
| n20  | 2462            | Ant1    | 2486.008        | -55.38      | 4.5        | 0.58        | 44.96      | Average  | 54             | Pass    |

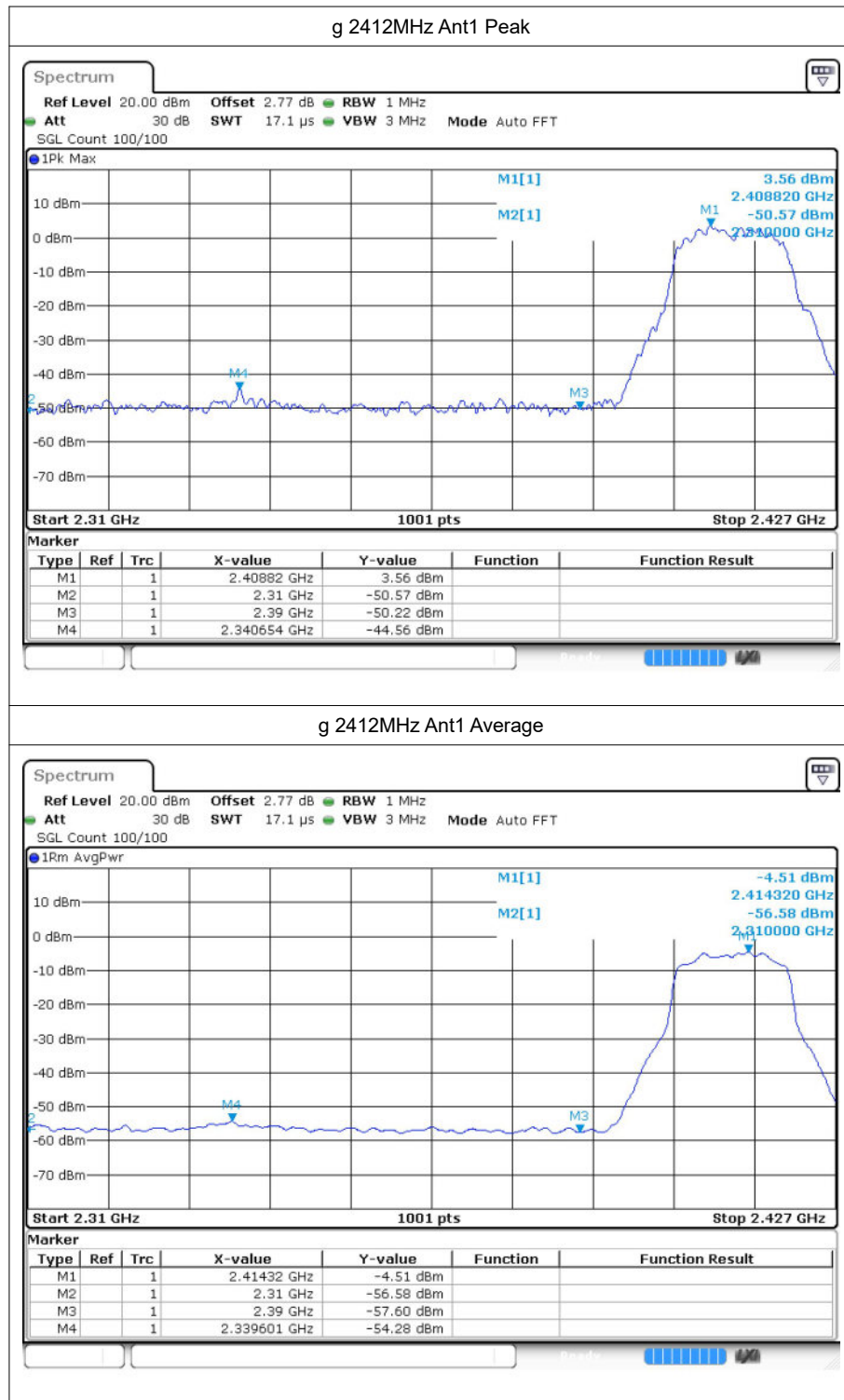


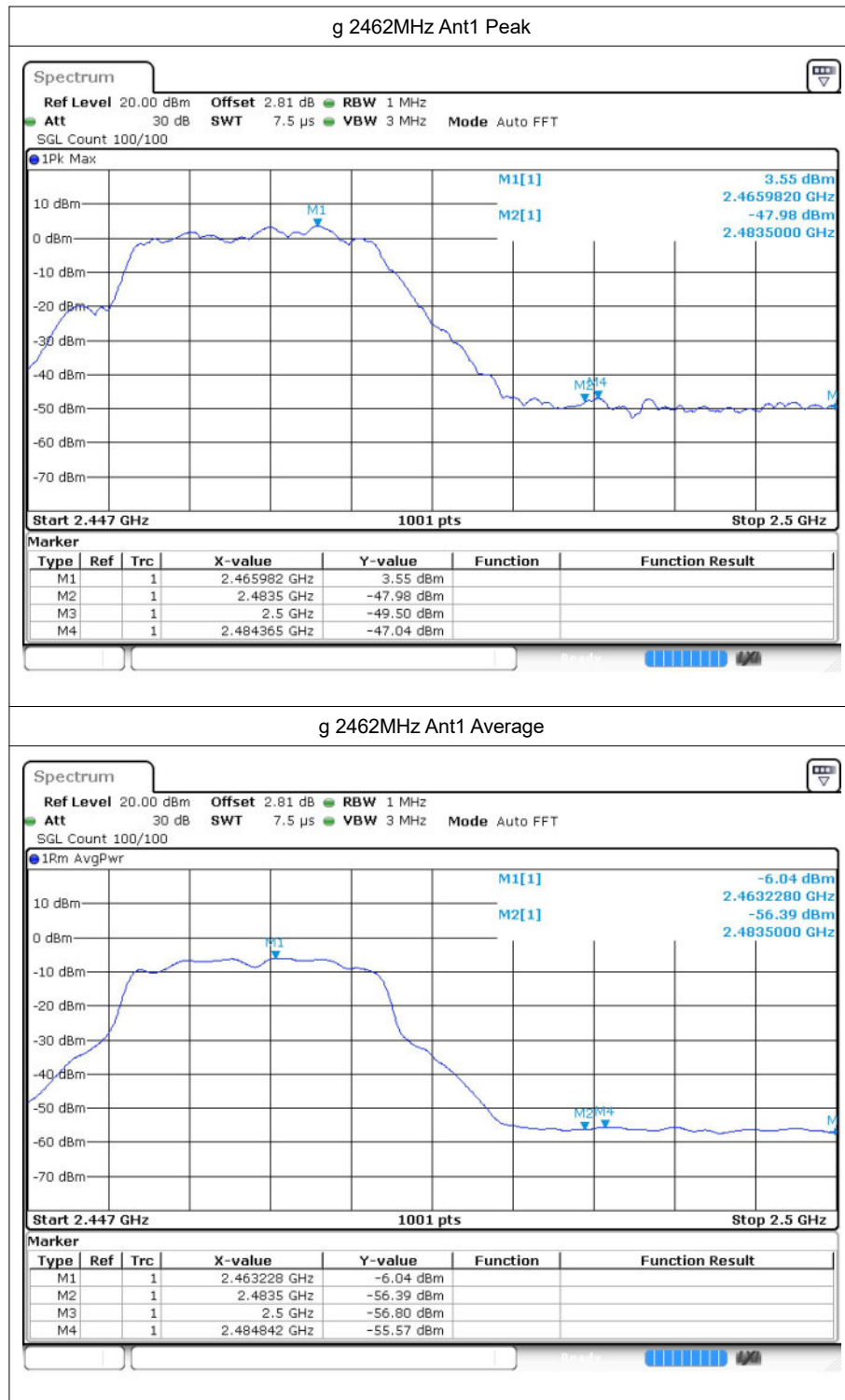
|     |      |      |          |        |     |      |       |         |    |      |
|-----|------|------|----------|--------|-----|------|-------|---------|----|------|
| n20 | 2462 | Ant1 | 2500     | -49.95 | 4.5 | -    | 49.81 | Peak    | 74 | Pass |
| n20 | 2462 | Ant1 | 2500     | -56.21 | 4.5 | 0.58 | 44.13 | Average | 54 | Pass |
| n40 | 2422 | Ant1 | 2310     | -47.66 | 4.5 | -    | 52.1  | Peak    | 74 | Pass |
| n40 | 2422 | Ant1 | 2310     | -56.58 | 4.5 | 0.56 | 43.74 | Average | 54 | Pass |
| n40 | 2422 | Ant1 | 2315.396 | -46.5  | 4.5 | -    | 53.26 | Peak    | 74 | Pass |
| n40 | 2422 | Ant1 | 2339.962 | -53.89 | 4.5 | 0.56 | 46.43 | Average | 54 | Pass |
| n40 | 2422 | Ant1 | 2390     | -49.3  | 4.5 | -    | 50.46 | Peak    | 74 | Pass |
| n40 | 2422 | Ant1 | 2390     | -56.55 | 4.5 | 0.56 | 43.77 | Average | 54 | Pass |
| n40 | 2452 | Ant1 | 2483.5   | -50.95 | 4.5 | -    | 48.81 | Peak    | 74 | Pass |
| n40 | 2452 | Ant1 | 2483.5   | -56.07 | 4.5 | 0.55 | 44.24 | Average | 54 | Pass |
| n40 | 2452 | Ant1 | 2491.888 | -47.26 | 4.5 | -    | 52.5  | Peak    | 74 | Pass |
| n40 | 2452 | Ant1 | 2490.952 | -55.13 | 4.5 | 0.55 | 45.18 | Average | 54 | Pass |
| n40 | 2452 | Ant1 | 2500     | -49.26 | 4.5 | -    | 50.5  | Peak    | 74 | Pass |
| n40 | 2452 | Ant1 | 2500     | -56.92 | 4.5 | 0.55 | 43.39 | Average | 54 | Pass |

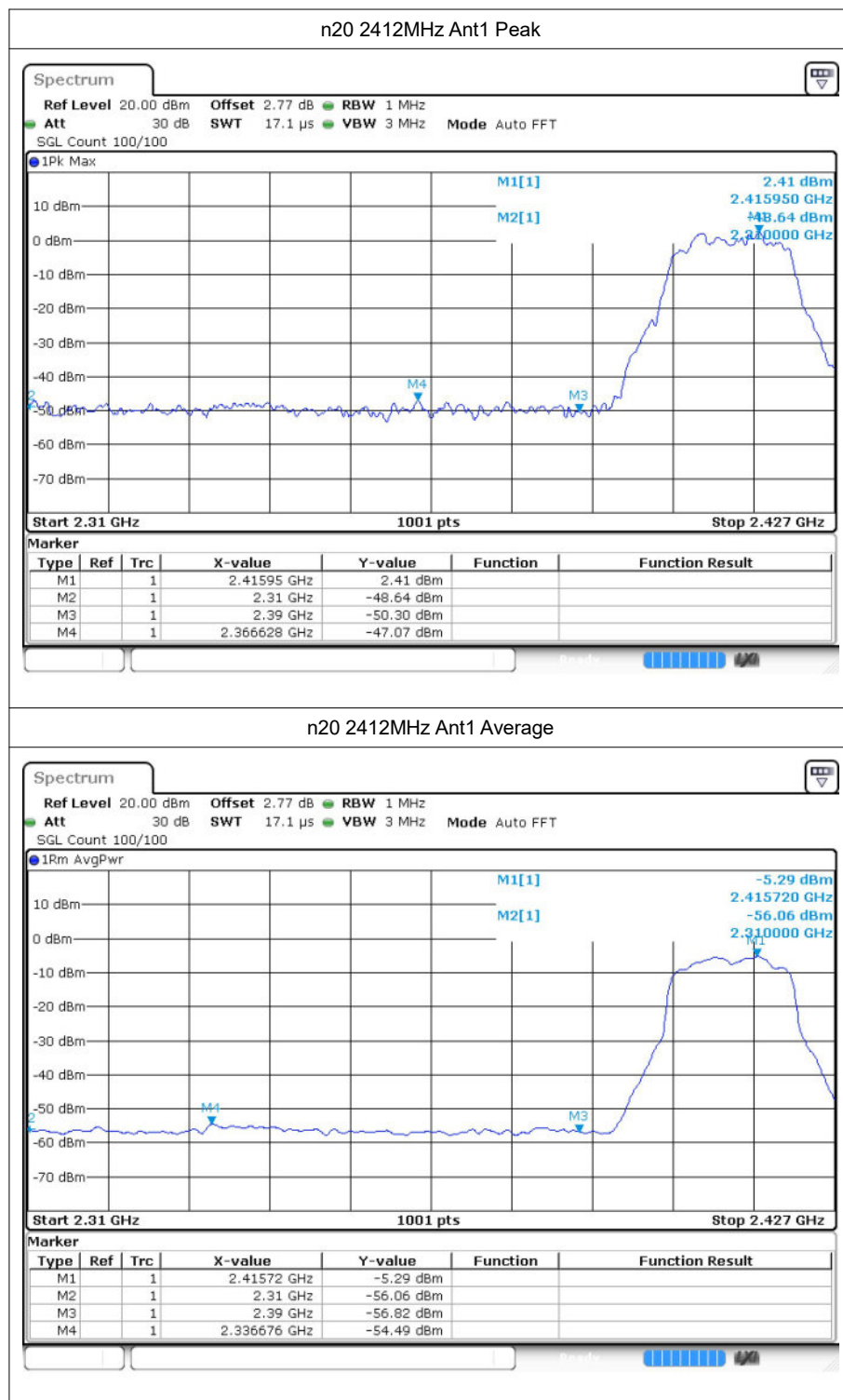
## 7.2 Test Graphs

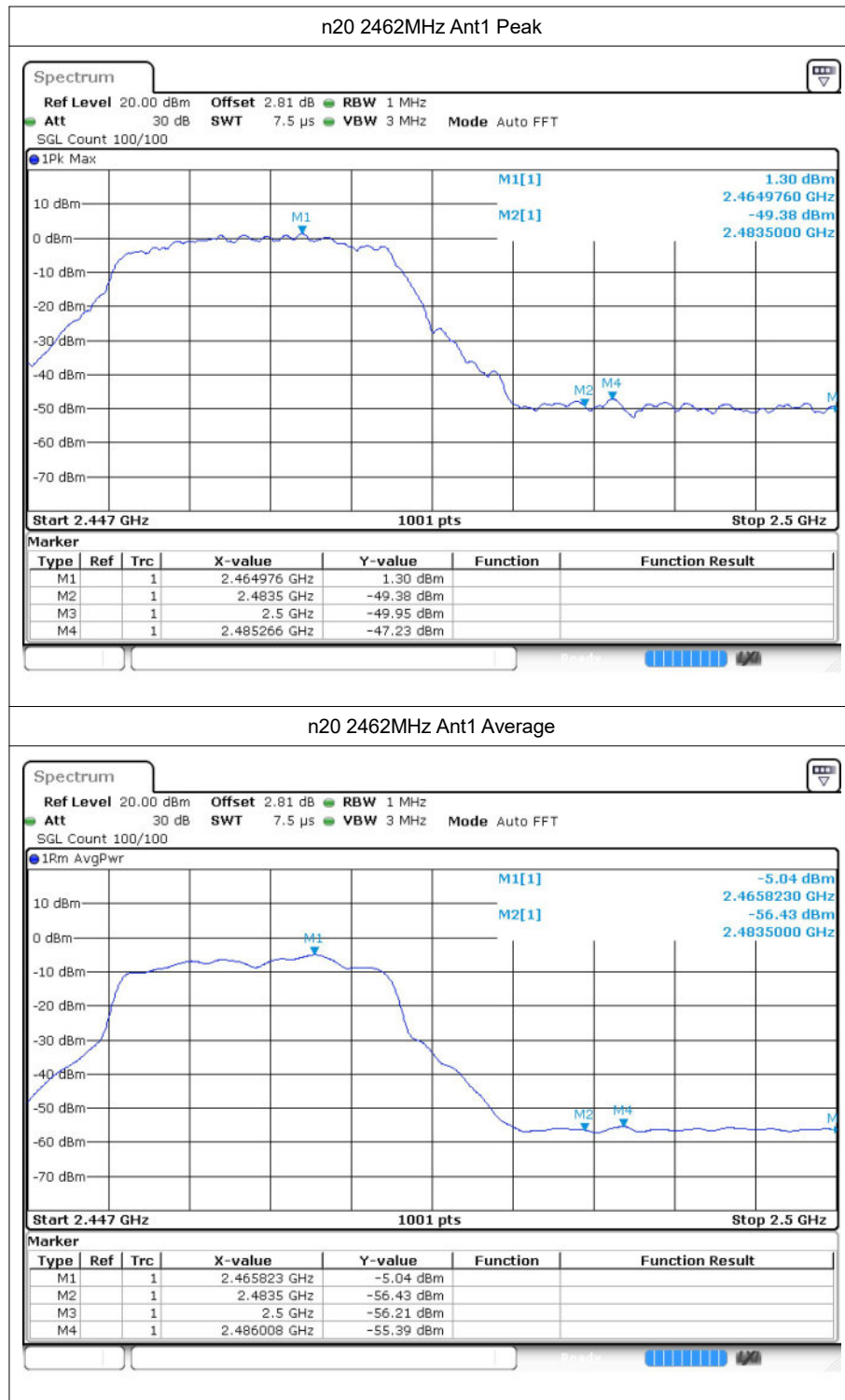




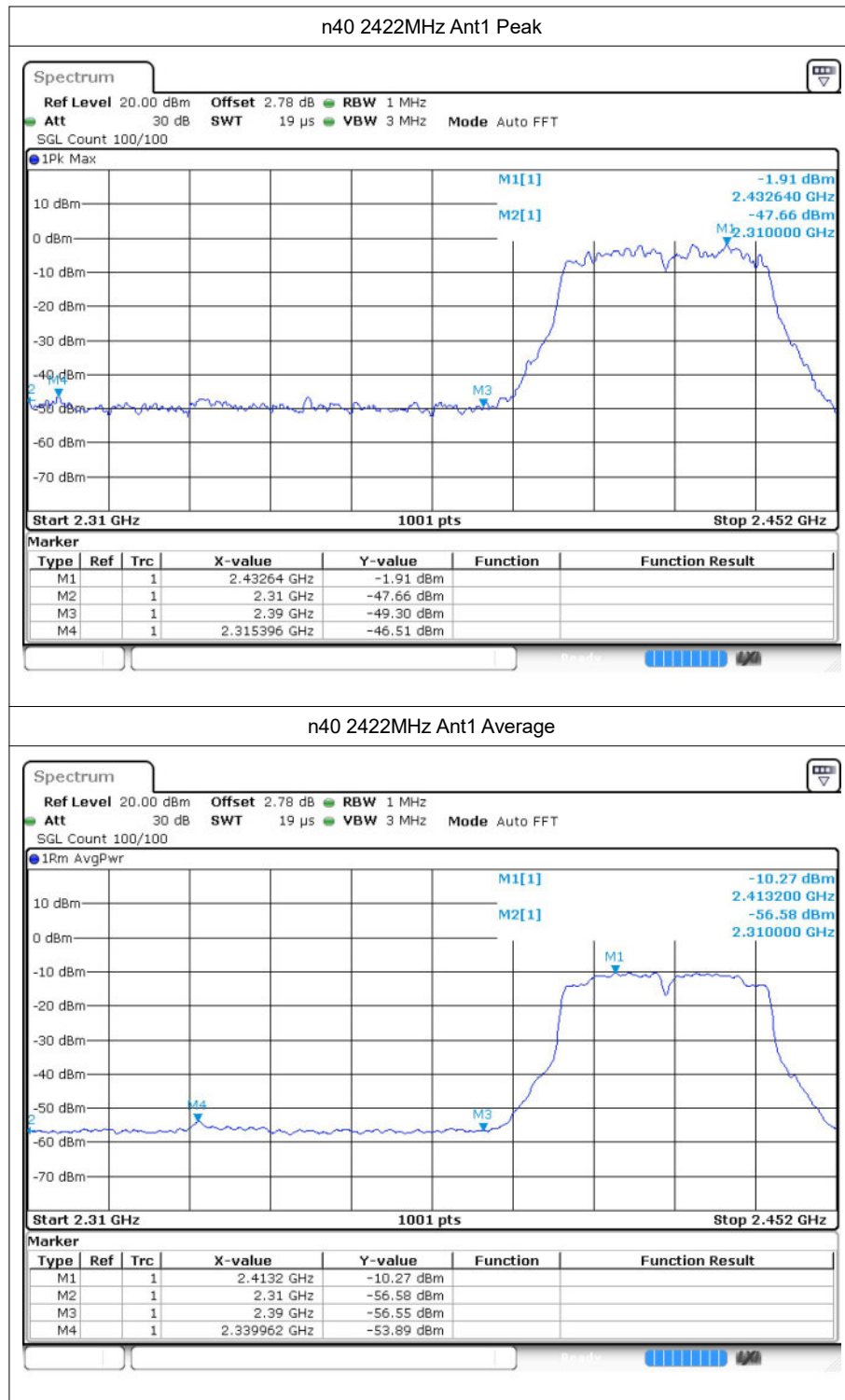


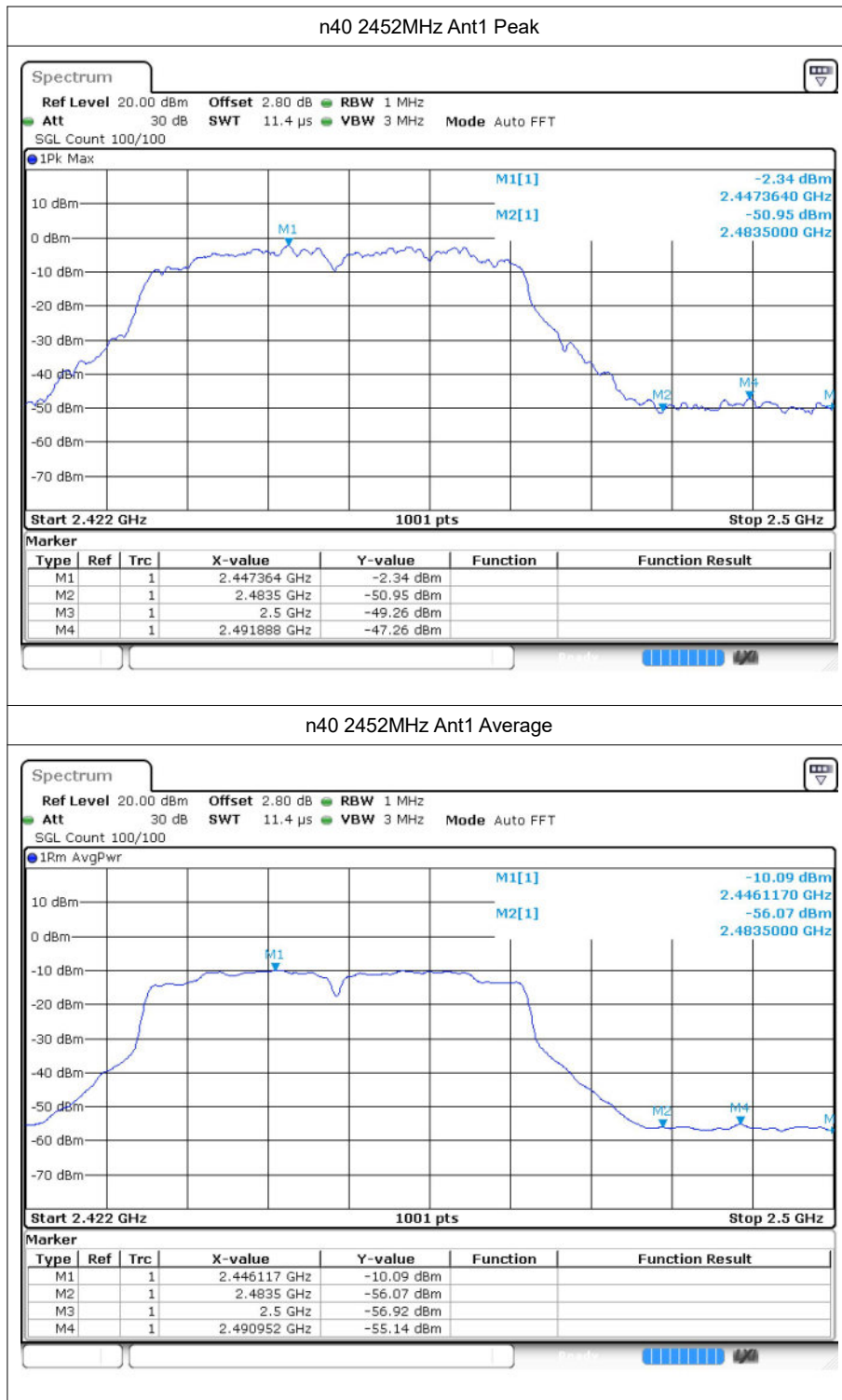












---The End---