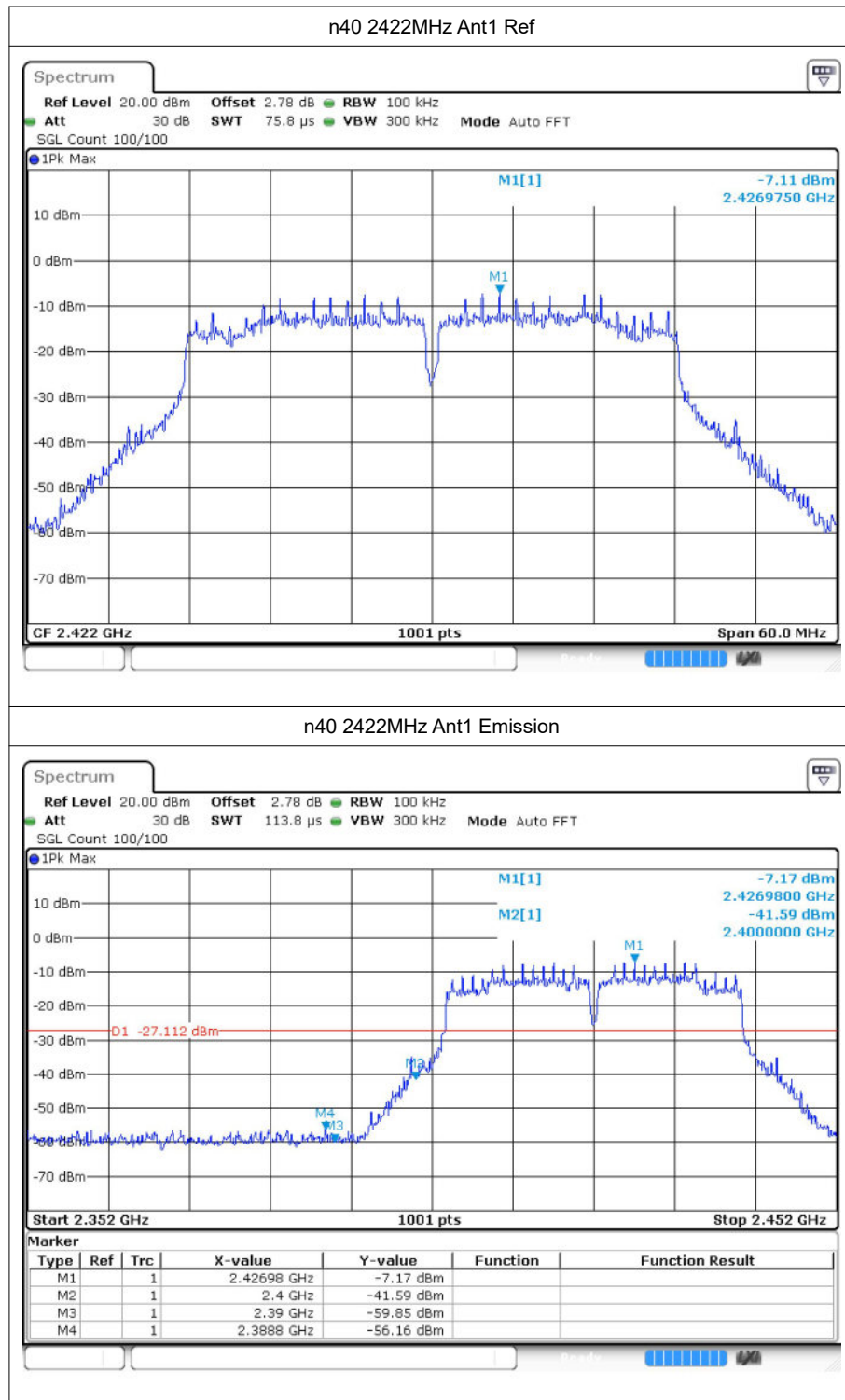
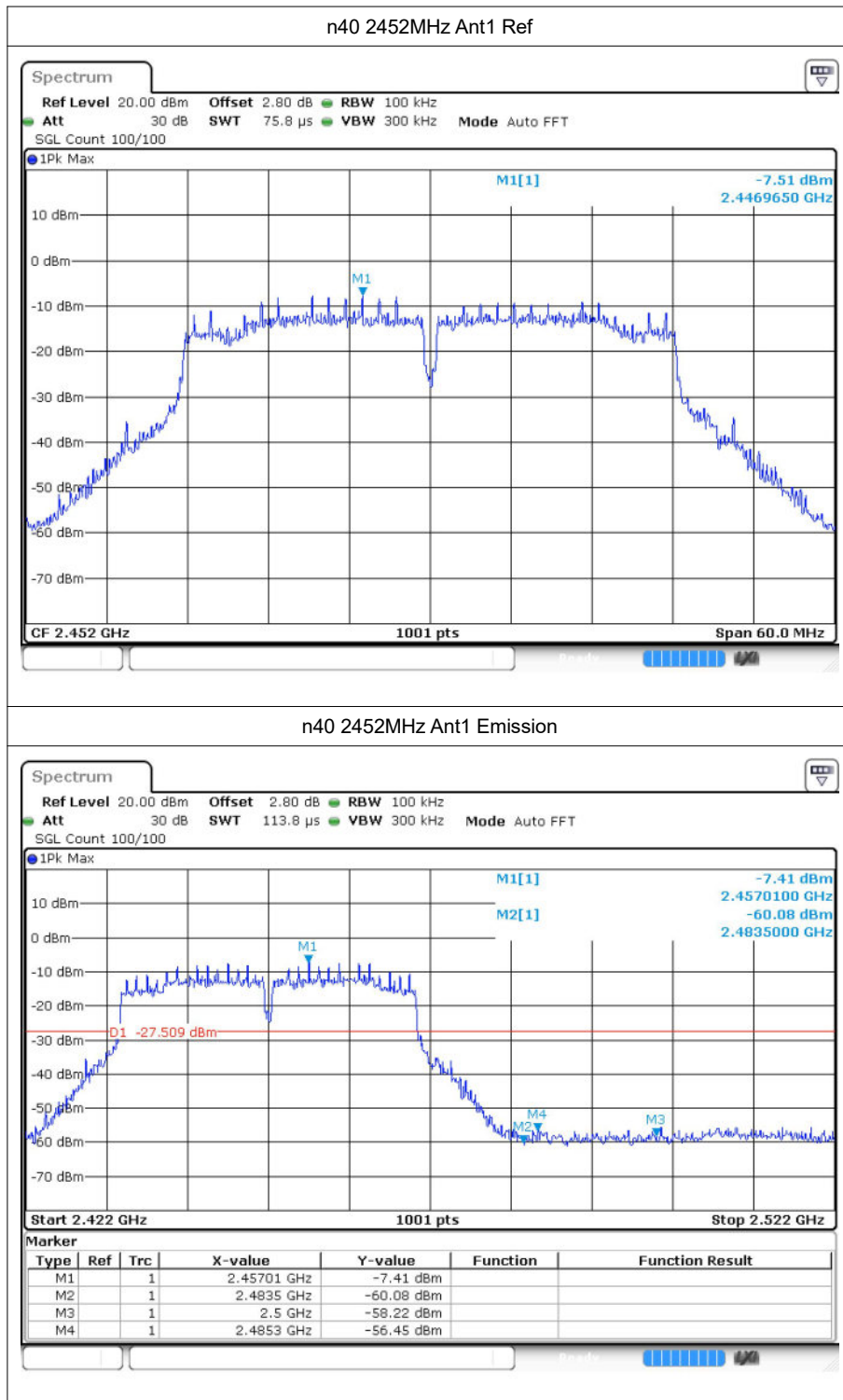






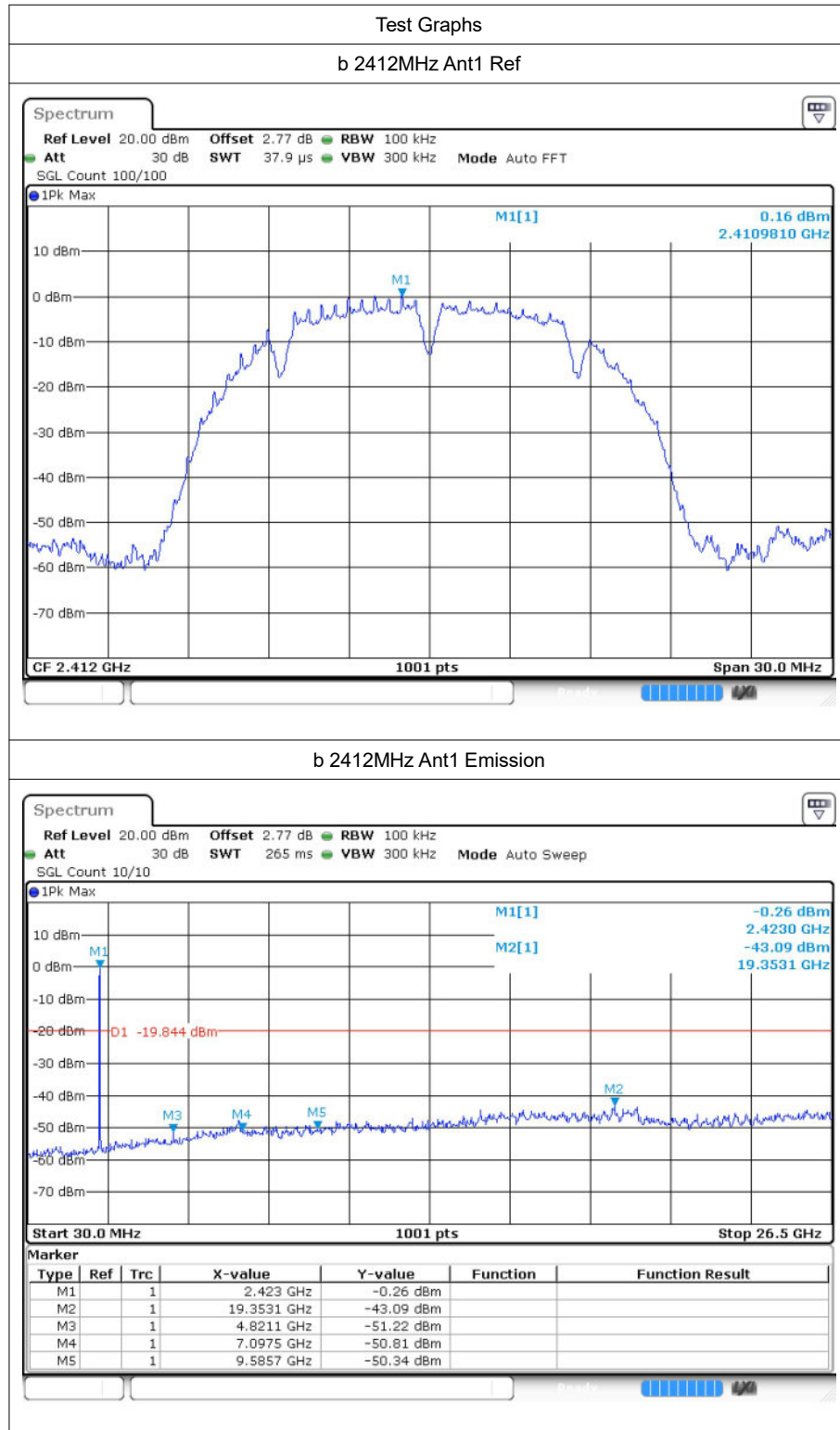


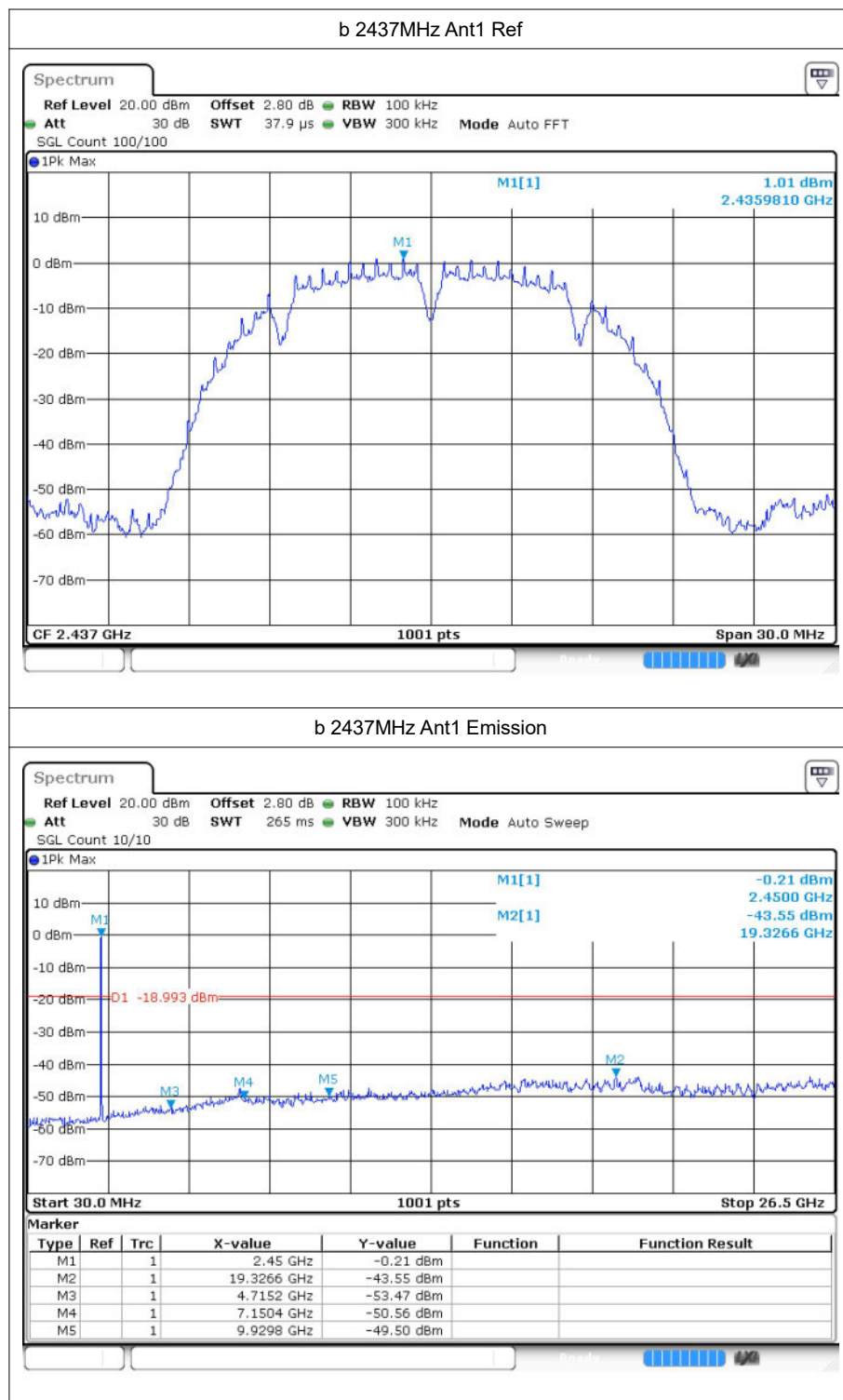
## 6 Conducted RF Spurious Emission

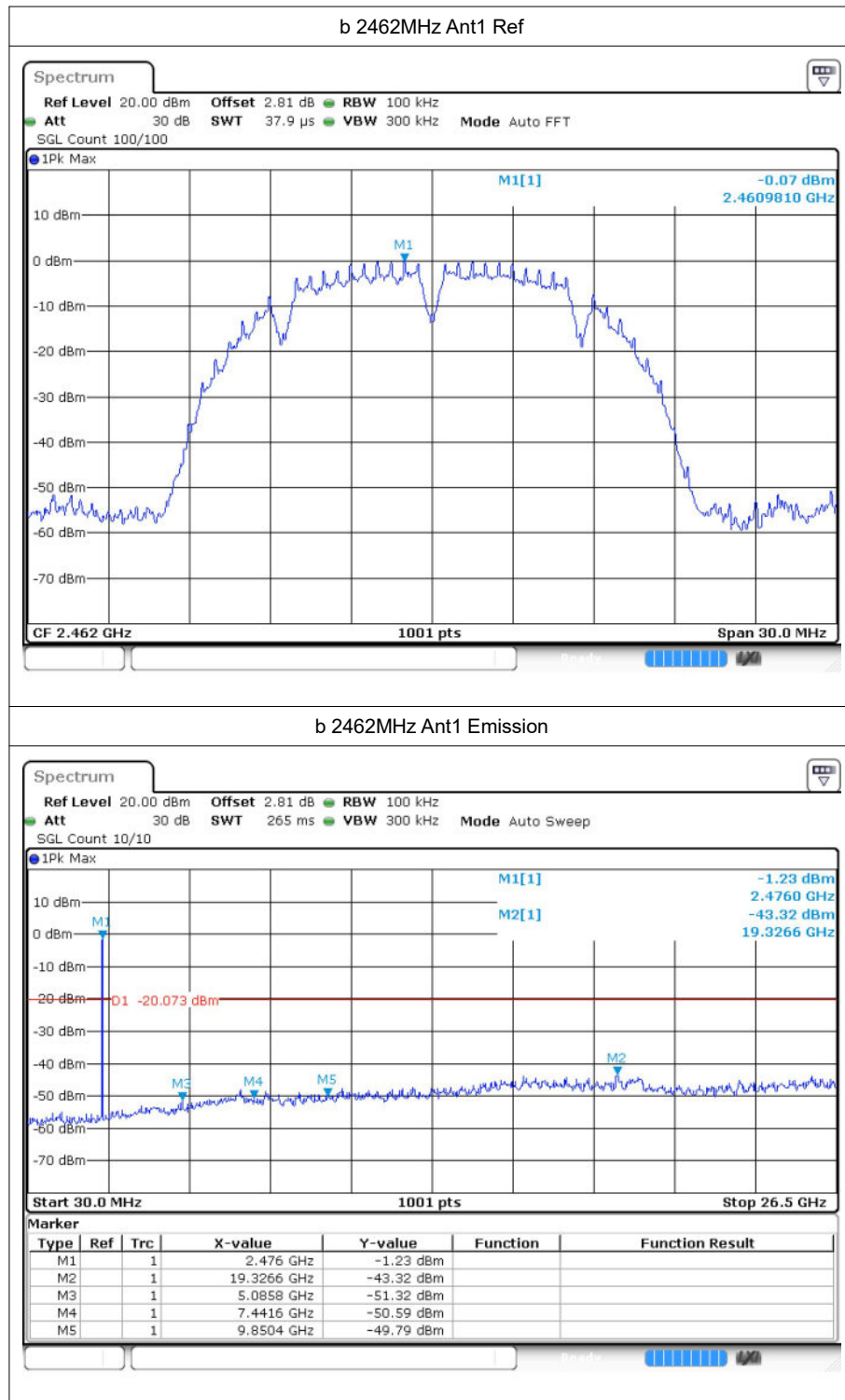
### 6.1 Test Result

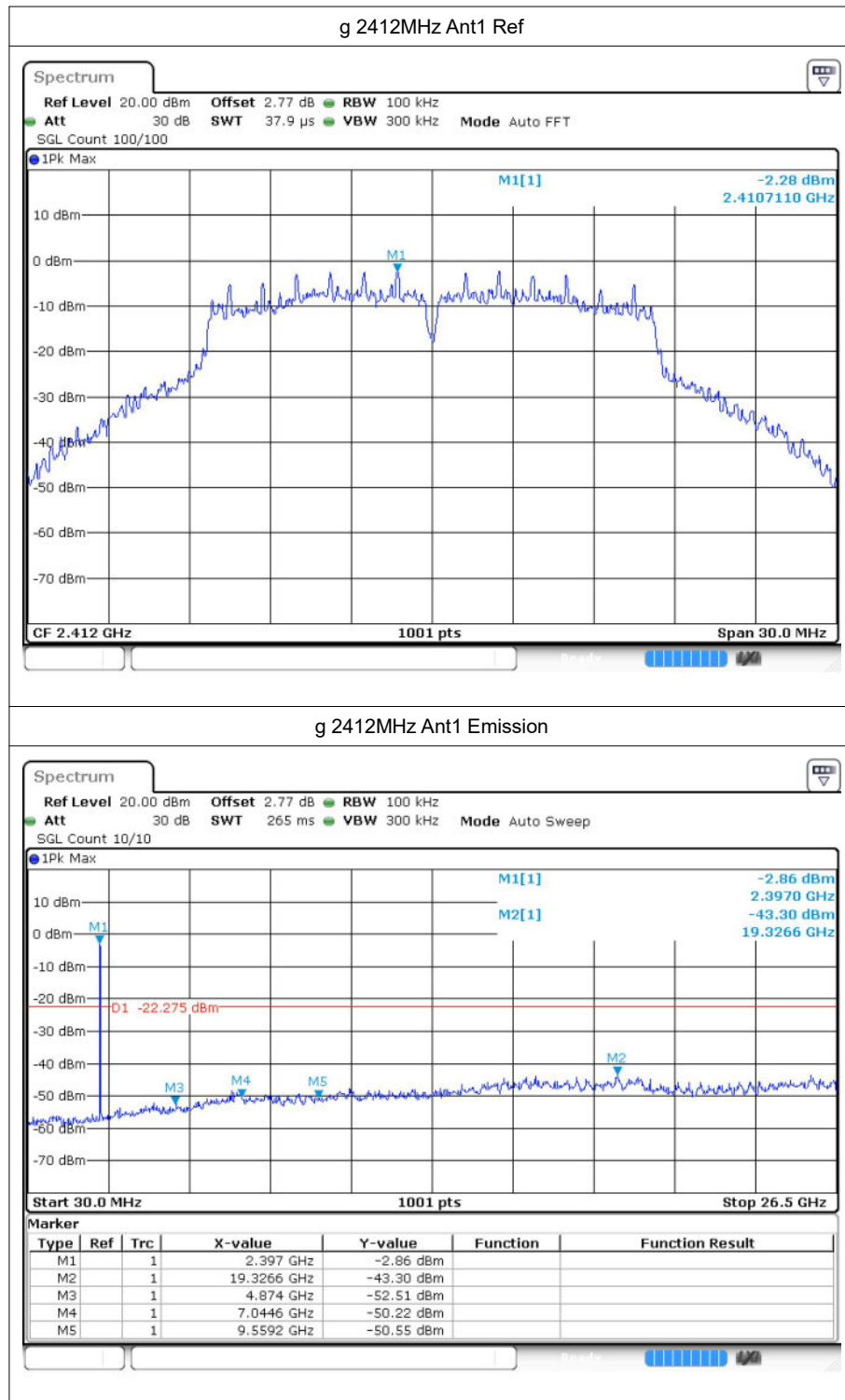
| Mode | Frequency (MHz) | Antenna | Max Value (dBc) | Limit (dBc) | Verdict |
|------|-----------------|---------|-----------------|-------------|---------|
| b    | 2412            | Ant1    | -43.25          | -20         | Pass    |
| b    | 2437            | Ant1    | -44.55          | -20         | Pass    |
| b    | 2462            | Ant1    | -43.25          | -20         | Pass    |
| g    | 2412            | Ant1    | -41.01          | -20         | Pass    |
| g    | 2437            | Ant1    | -41.57          | -20         | Pass    |
| g    | 2462            | Ant1    | -39.99          | -20         | Pass    |
| n20  | 2412            | Ant1    | -40.35          | -20         | Pass    |
| n20  | 2437            | Ant1    | -40.72          | -20         | Pass    |
| n20  | 2462            | Ant1    | -40.3           | -20         | Pass    |
| n40  | 2422            | Ant1    | -36.11          | -20         | Pass    |
| n40  | 2437            | Ant1    | -35.99          | -20         | Pass    |
| n40  | 2452            | Ant1    | -35.84          | -20         | Pass    |

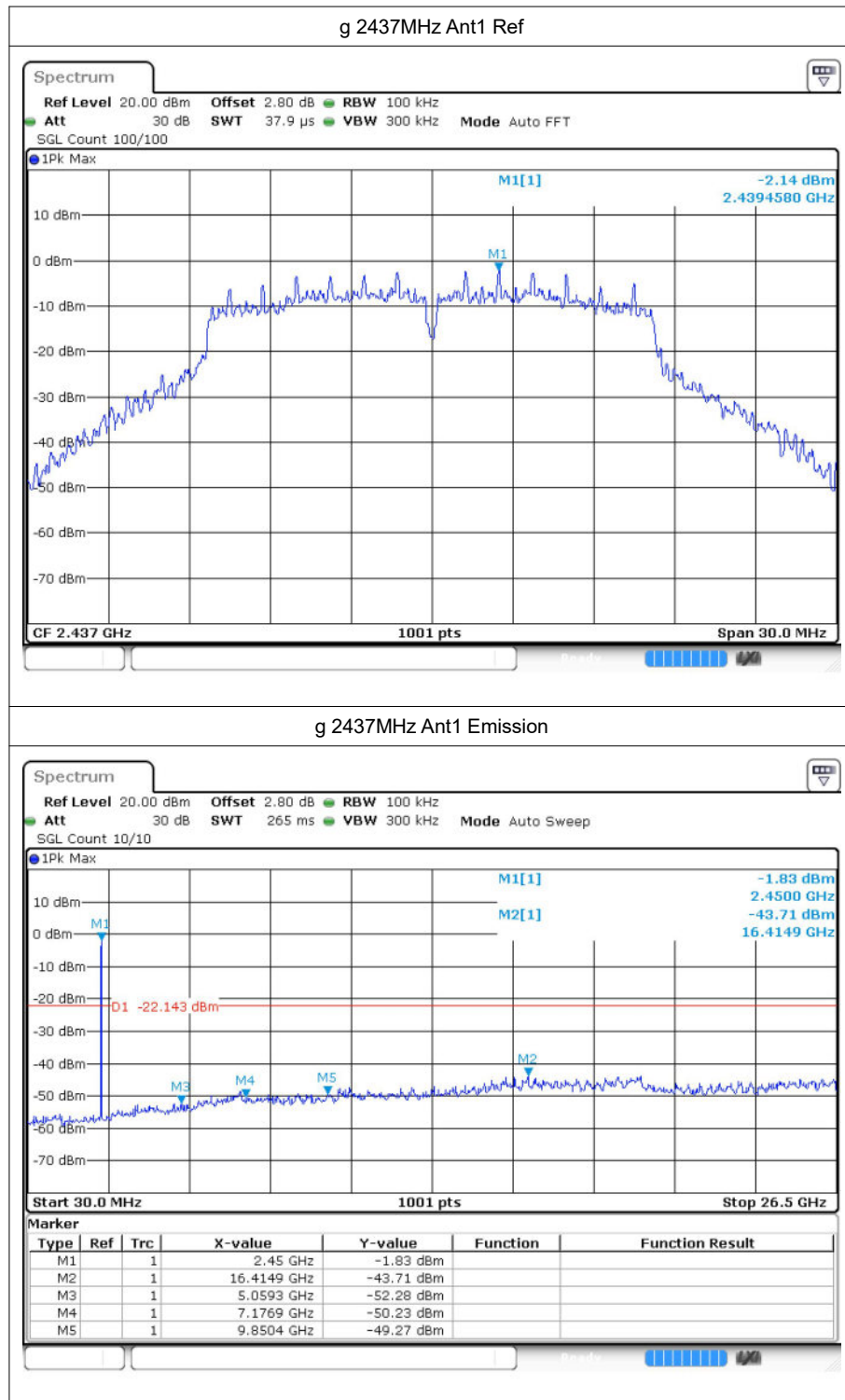
## 6.2 Test Graphs

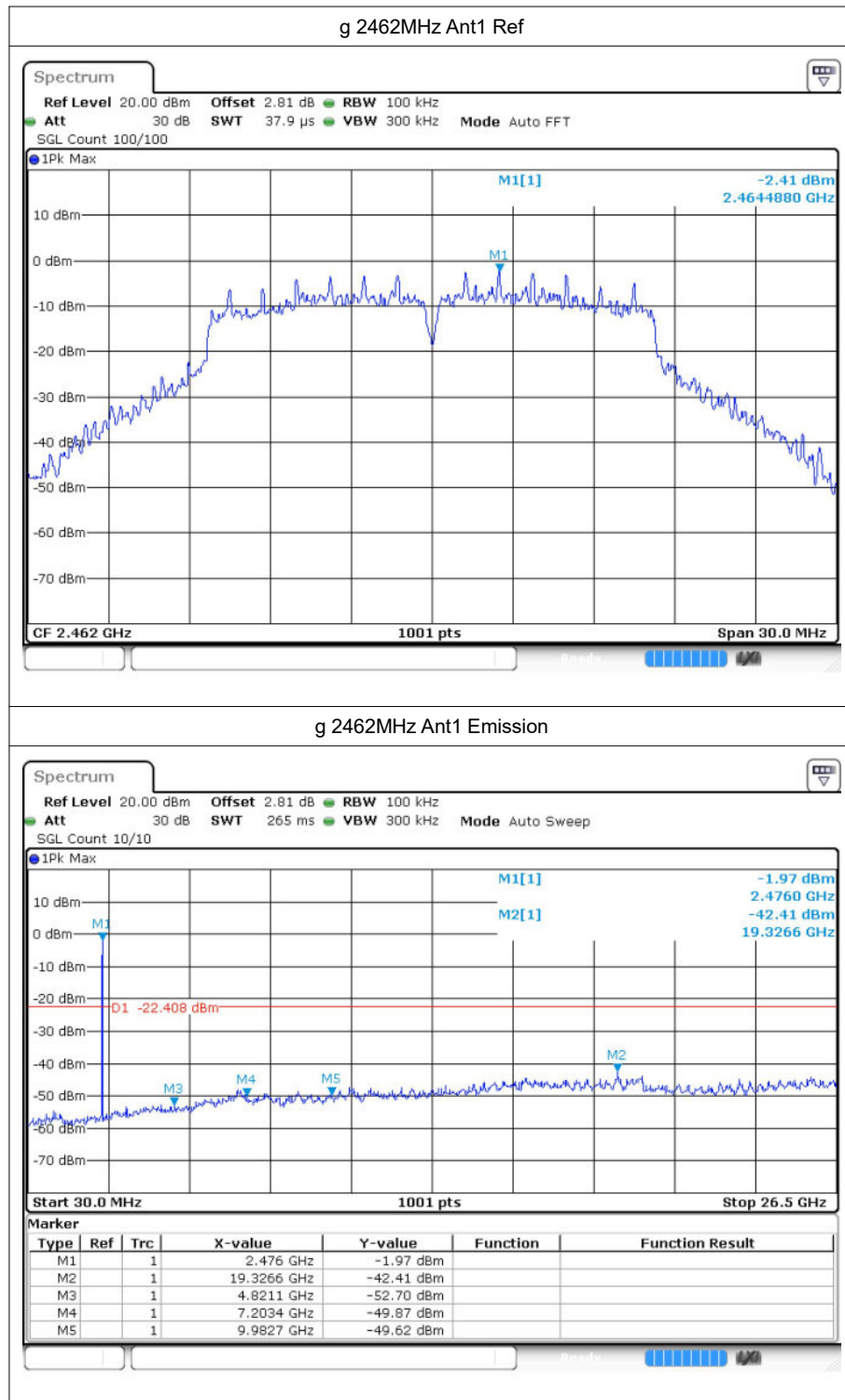


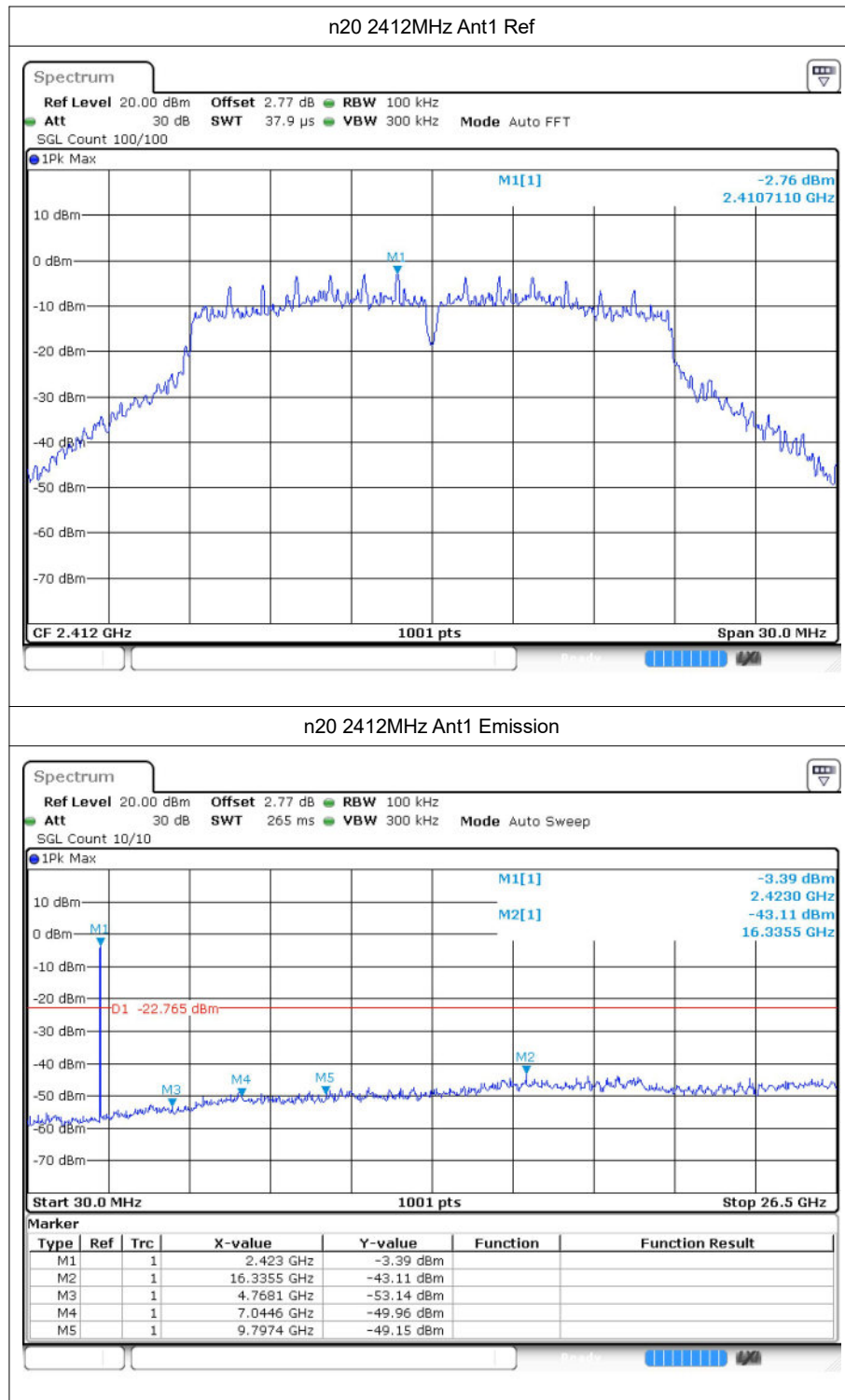


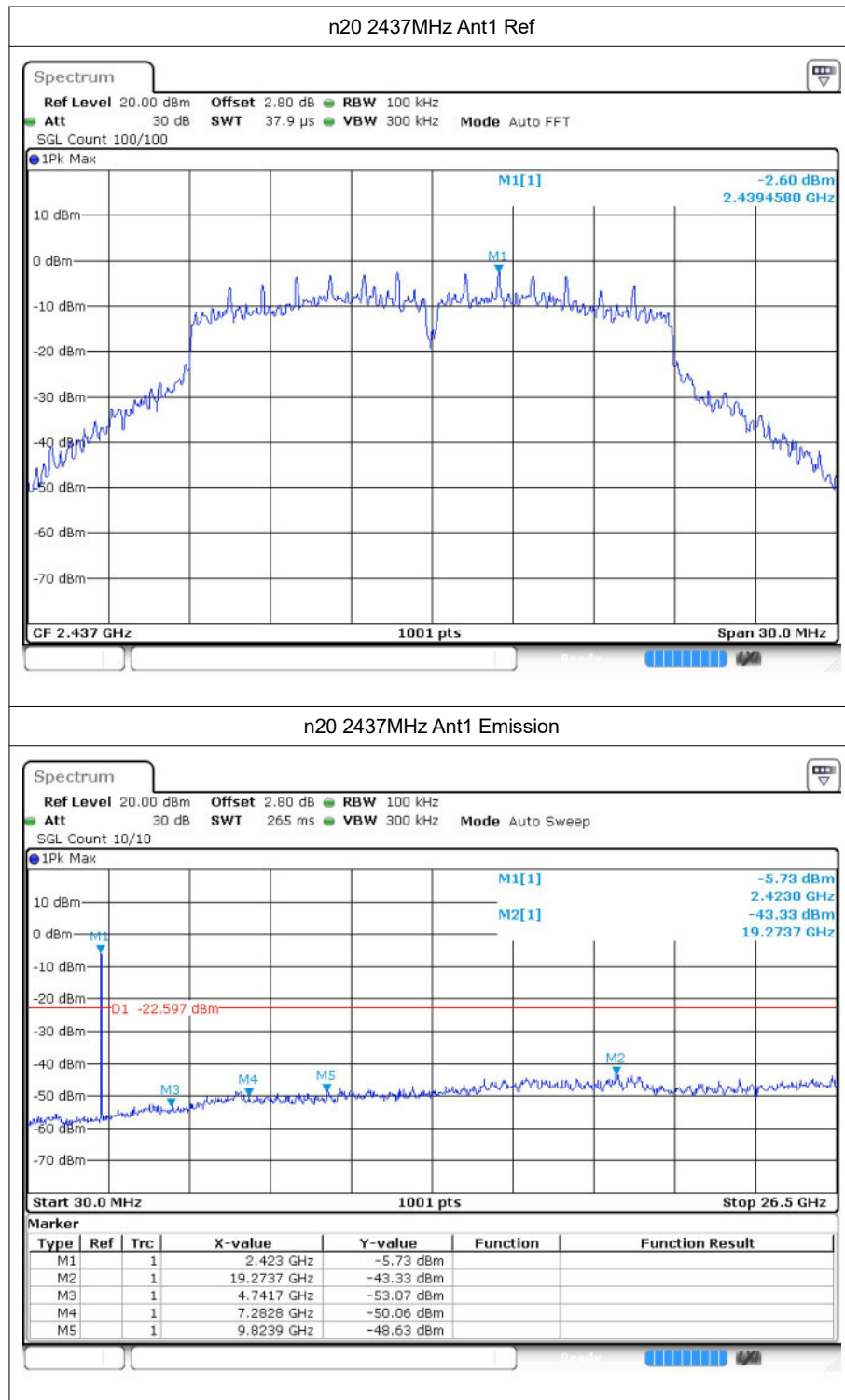


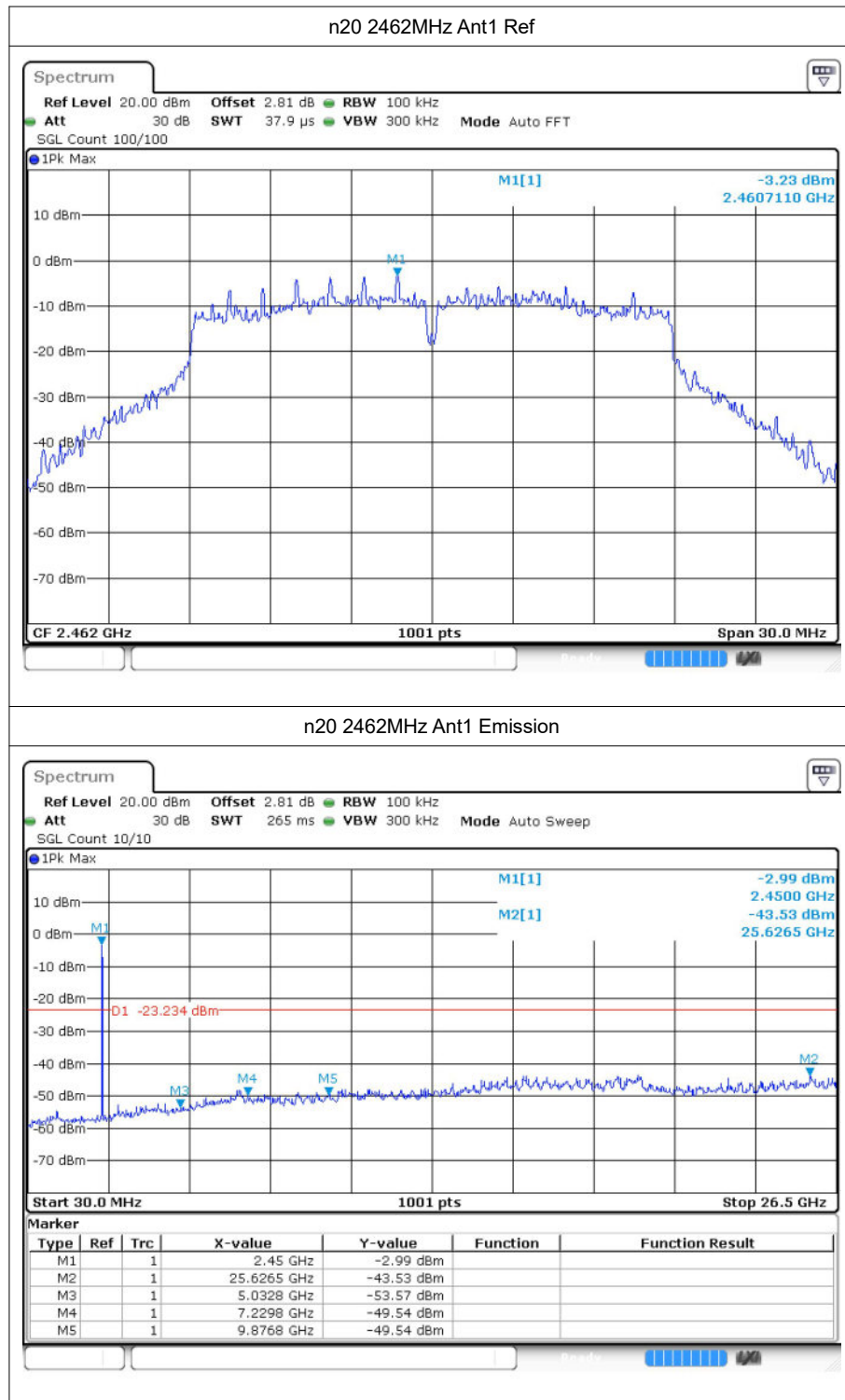


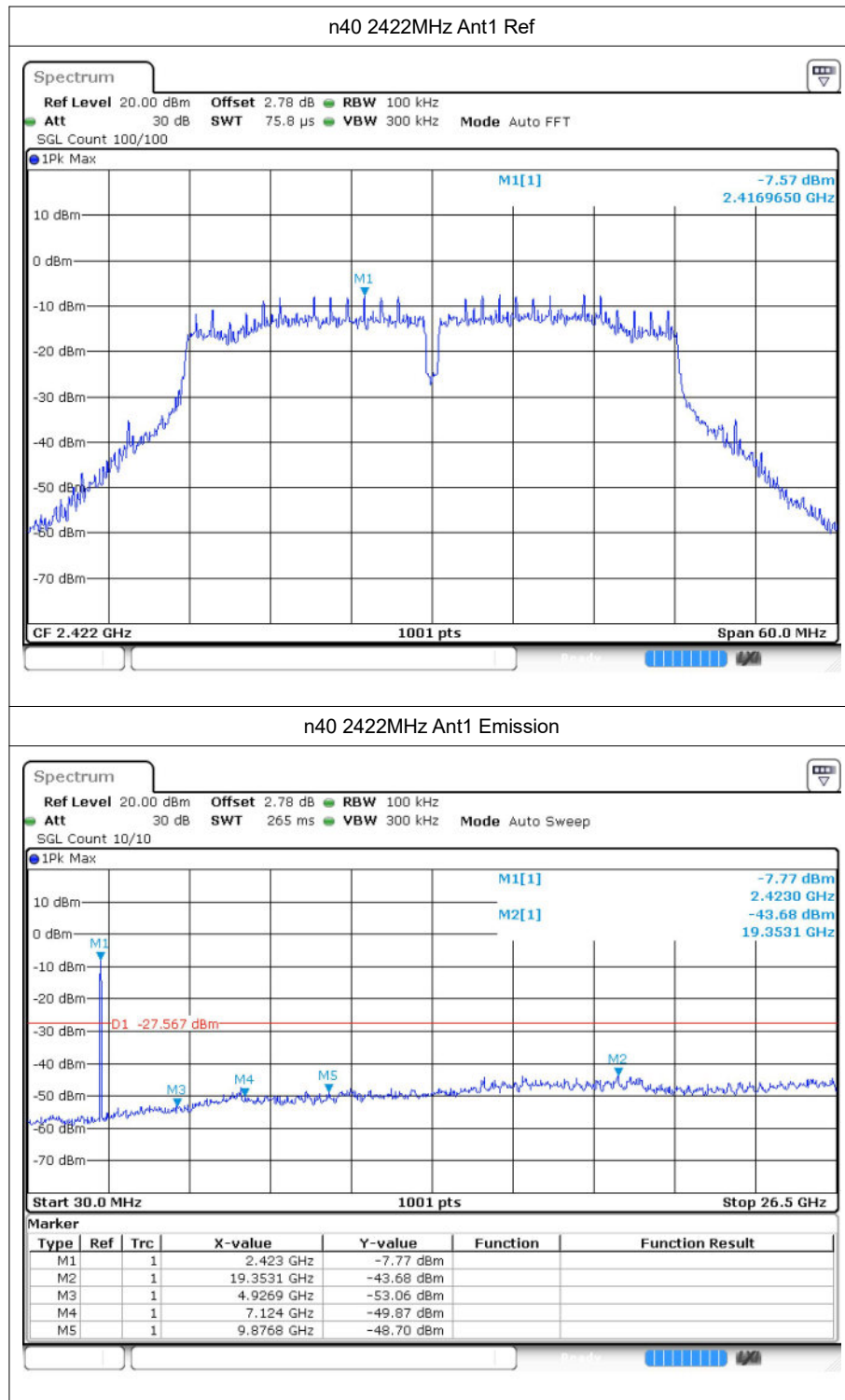


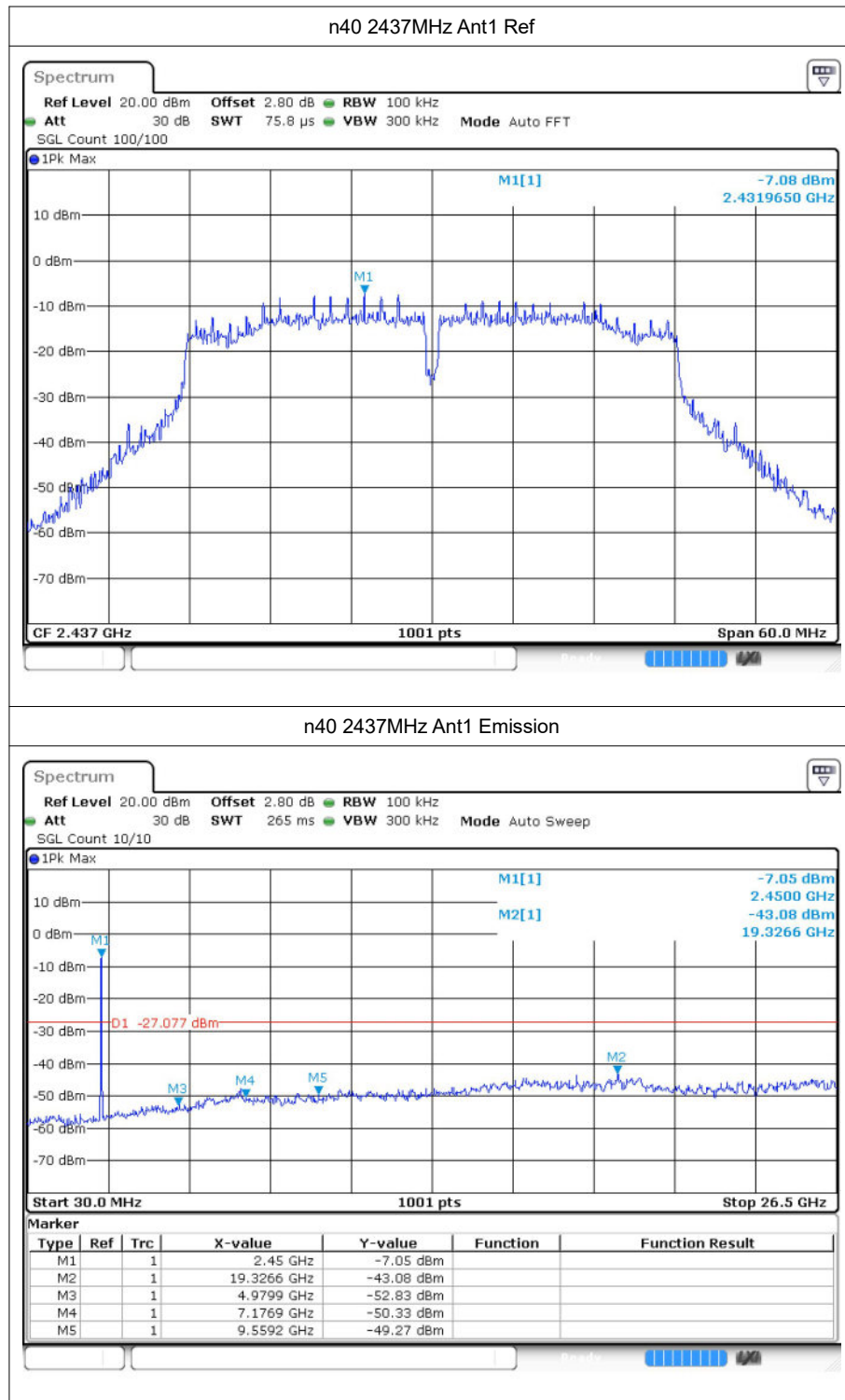


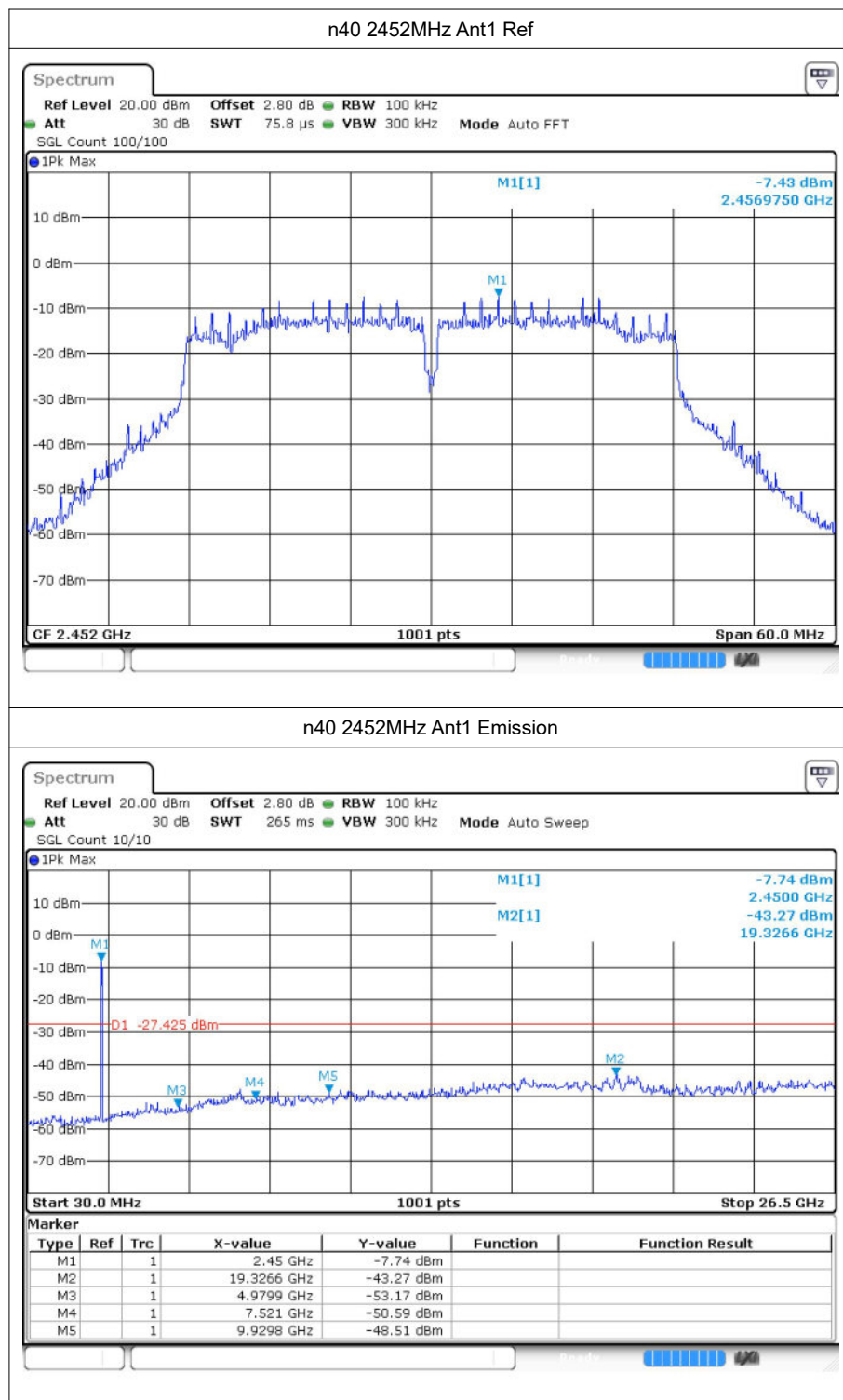














## 7 Restrict Band

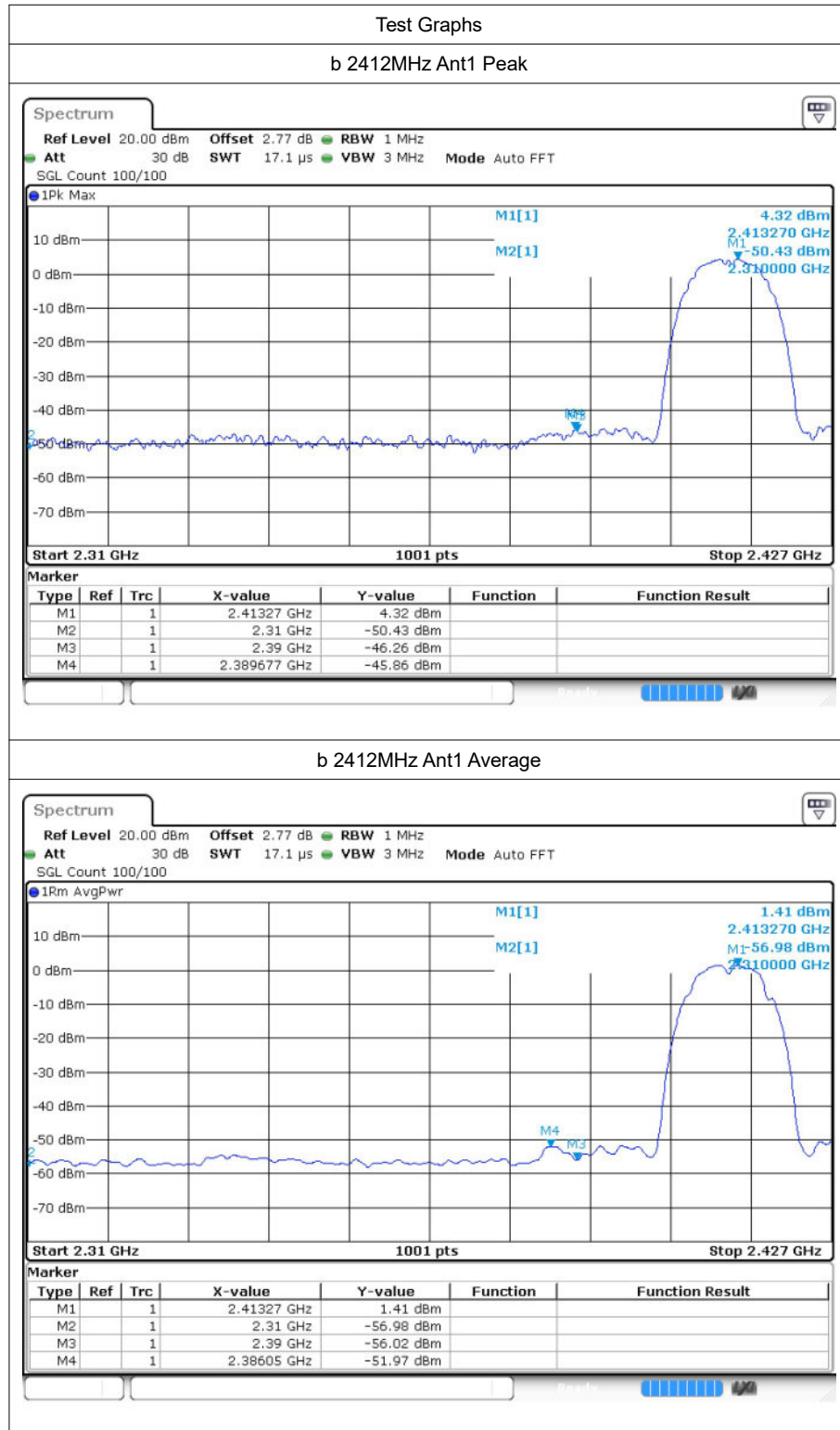
### 7.1 Test Result

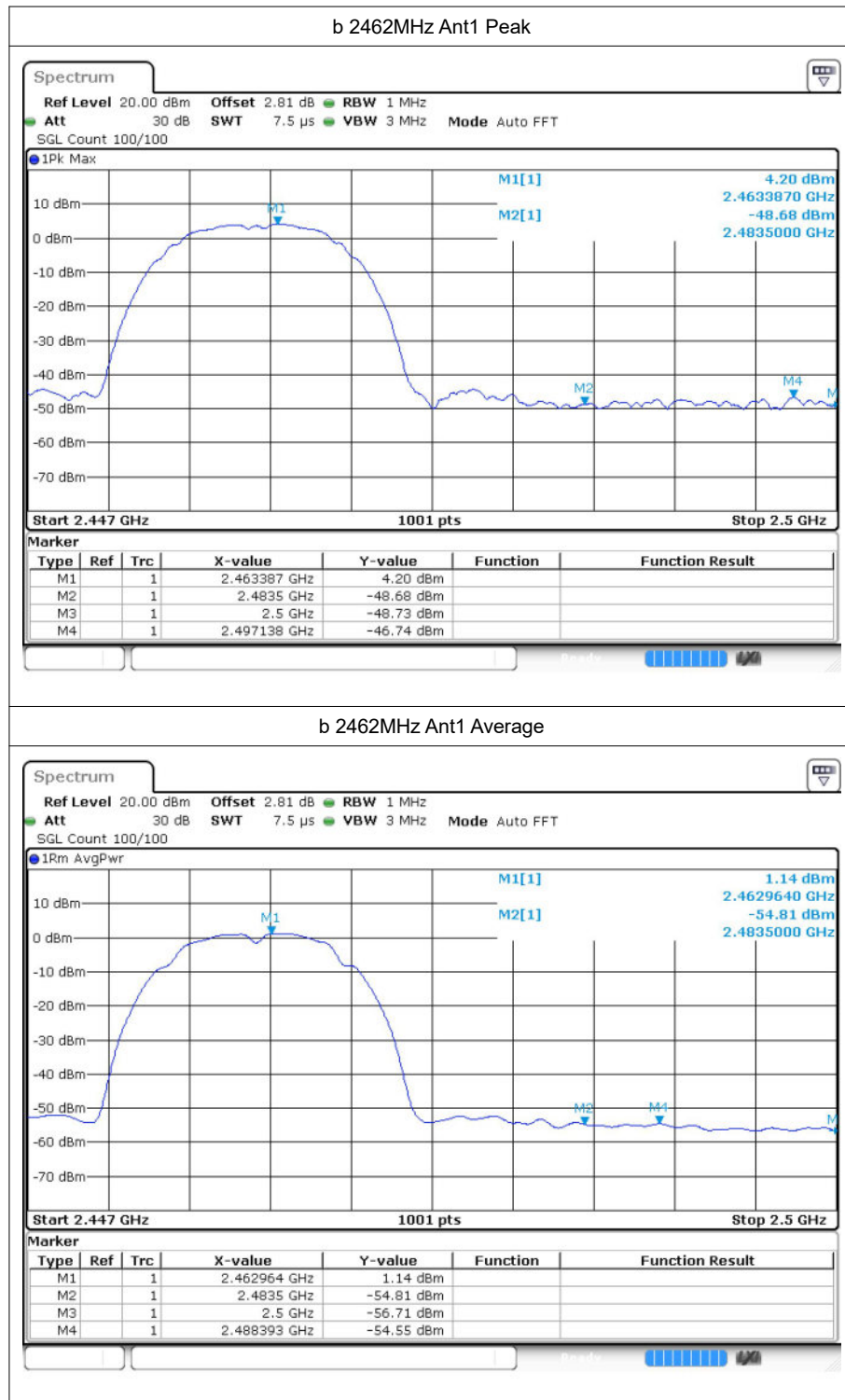
| Mode | Frequency (MHz) | Antenna | Spur Freq (MHz) | Power (dBm) | Gain (dBi) | Duty Factor | E (dBuV/m) | Detector | Limit (dBuV/m) | Verdict |
|------|-----------------|---------|-----------------|-------------|------------|-------------|------------|----------|----------------|---------|
| b    | 2412            | Ant1    | 2310            | -50.43      | 4.29       | -           | 49.12      | Peak     | 74             | Pass    |
| b    | 2412            | Ant1    | 2310            | -56.98      | 4.29       | 0           | 42.57      | Average  | 54             | Pass    |
| b    | 2412            | Ant1    | 2389.677        | -45.85      | 4.29       | -           | 53.7       | Peak     | 74             | Pass    |
| b    | 2412            | Ant1    | 2386.05         | -51.96      | 4.29       | 0           | 47.59      | Average  | 54             | Pass    |
| b    | 2412            | Ant1    | 2390            | -46.26      | 4.29       | -           | 53.29      | Peak     | 74             | Pass    |
| b    | 2412            | Ant1    | 2390            | -56.02      | 4.29       | 0           | 43.53      | Average  | 54             | Pass    |
| b    | 2462            | Ant1    | 2483.5          | -48.68      | 4.29       | -           | 50.87      | Peak     | 74             | Pass    |
| b    | 2462            | Ant1    | 2483.5          | -54.81      | 4.29       | 0           | 44.74      | Average  | 54             | Pass    |
| b    | 2462            | Ant1    | 2497.138        | -46.74      | 4.29       | -           | 52.81      | Peak     | 74             | Pass    |
| b    | 2462            | Ant1    | 2488.393        | -54.54      | 4.29       | 0           | 45.01      | Average  | 54             | Pass    |
| b    | 2462            | Ant1    | 2500            | -48.73      | 4.29       | -           | 50.82      | Peak     | 74             | Pass    |
| b    | 2462            | Ant1    | 2500            | -56.71      | 4.29       | 0           | 42.84      | Average  | 54             | Pass    |
| g    | 2412            | Ant1    | 2310            | -50.3       | 4.29       | -           | 49.25      | Peak     | 74             | Pass    |
| g    | 2412            | Ant1    | 2310            | -57.12      | 4.29       | 0.61        | 43.04      | Average  | 54             | Pass    |
| g    | 2412            | Ant1    | 2325.327        | -46.53      | 4.29       | -           | 53.02      | Peak     | 74             | Pass    |
| g    | 2412            | Ant1    | 2339.835        | -53.95      | 4.29       | 0.61        | 46.21      | Average  | 54             | Pass    |
| g    | 2412            | Ant1    | 2390            | -48.64      | 4.29       | -           | 53.29      | Peak     | 74             | Pass    |
| g    | 2412            | Ant1    | 2390            | -56.01      | 4.29       | 0.61        | 44.15      | Average  | 54             | Pass    |
| g    | 2462            | Ant1    | 2483.5          | -49.17      | 4.29       | -           | 50.38      | Peak     | 74             | Pass    |
| g    | 2462            | Ant1    | 2483.5          | -55.86      | 4.29       | 0.61        | 44.3       | Average  | 54             | Pass    |
| g    | 2462            | Ant1    | 2497.138        | -46.69      | 4.29       | -           | 52.86      | Peak     | 74             | Pass    |
| g    | 2462            | Ant1    | 2483.994        | -55.59      | 4.29       | 0.61        | 44.57      | Average  | 54             | Pass    |
| g    | 2462            | Ant1    | 2500            | -50.26      | 4.29       | -           | 50.82      | Peak     | 74             | Pass    |
| g    | 2462            | Ant1    | 2500            | -56.8       | 4.29       | 0.61        | 43.36      | Average  | 54             | Pass    |
| n20  | 2412            | Ant1    | 2310            | -50.63      | 4.29       | -           | 48.92      | Peak     | 74             | Pass    |
| n20  | 2412            | Ant1    | 2310            | -56.37      | 4.29       | 0.58        | 43.76      | Average  | 54             | Pass    |
| n20  | 2412            | Ant1    | 2337.963        | -45.89      | 4.29       | -           | 53.66      | Peak     | 74             | Pass    |
| n20  | 2412            | Ant1    | 2337.495        | -54.35      | 4.29       | 0.58        | 45.78      | Average  | 54             | Pass    |
| n20  | 2412            | Ant1    | 2390            | -46.92      | 4.29       | -           | 52.63      | Peak     | 74             | Pass    |
| n20  | 2412            | Ant1    | 2390            | -55.73      | 4.29       | 0.58        | 44.4       | Average  | 54             | Pass    |
| n20  | 2462            | Ant1    | 2483.5          | -47.88      | 4.29       | -           | 51.67      | Peak     | 74             | Pass    |
| n20  | 2462            | Ant1    | 2483.5          | -56.33      | 4.29       | 0.58        | 43.8       | Average  | 54             | Pass    |
| n20  | 2462            | Ant1    | 2495.813        | -46.69      | 4.29       | -           | 52.86      | Peak     | 74             | Pass    |
| n20  | 2462            | Ant1    | 2493.375        | -55.81      | 4.29       | 0.58        | 44.32      | Average  | 54             | Pass    |

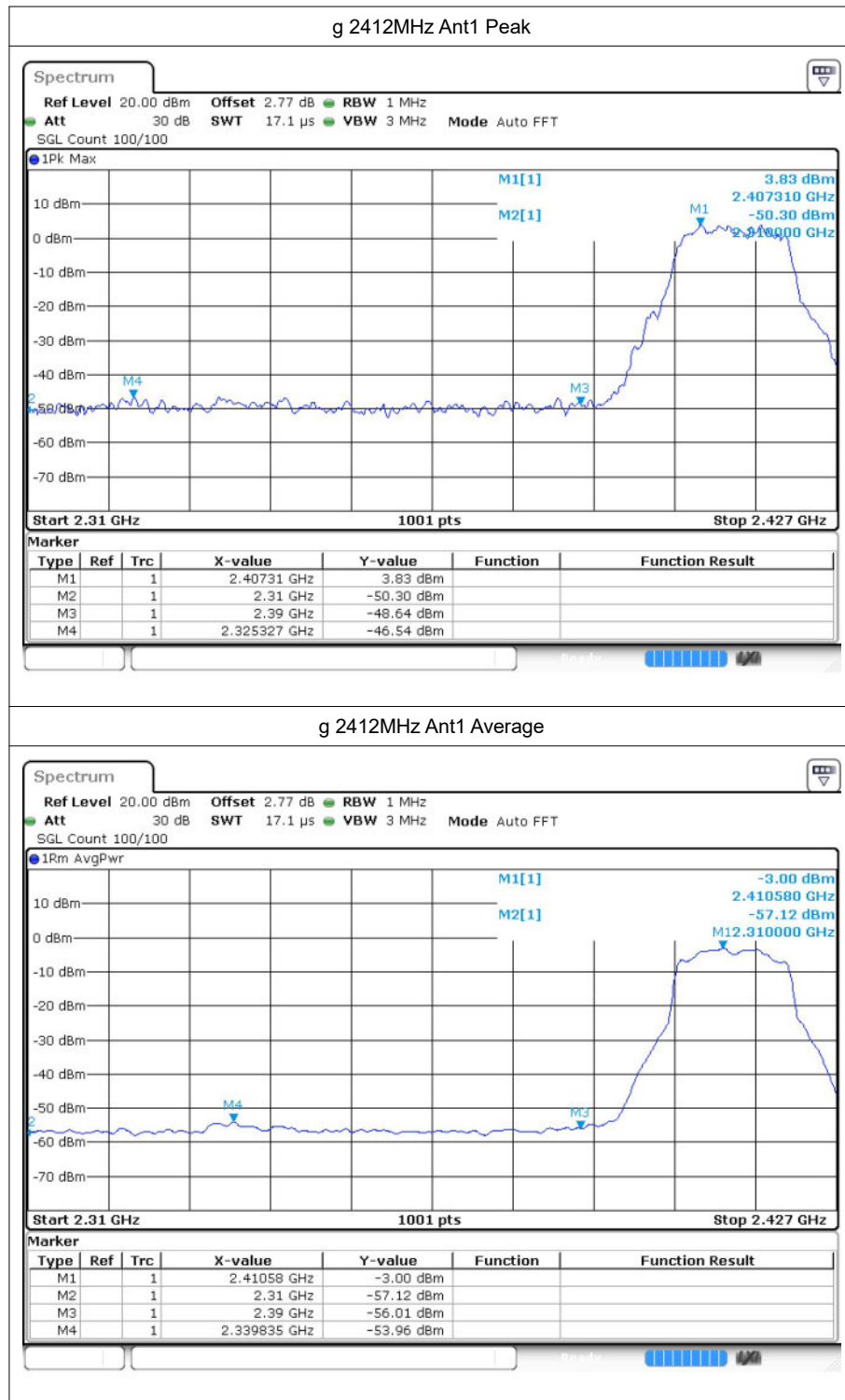


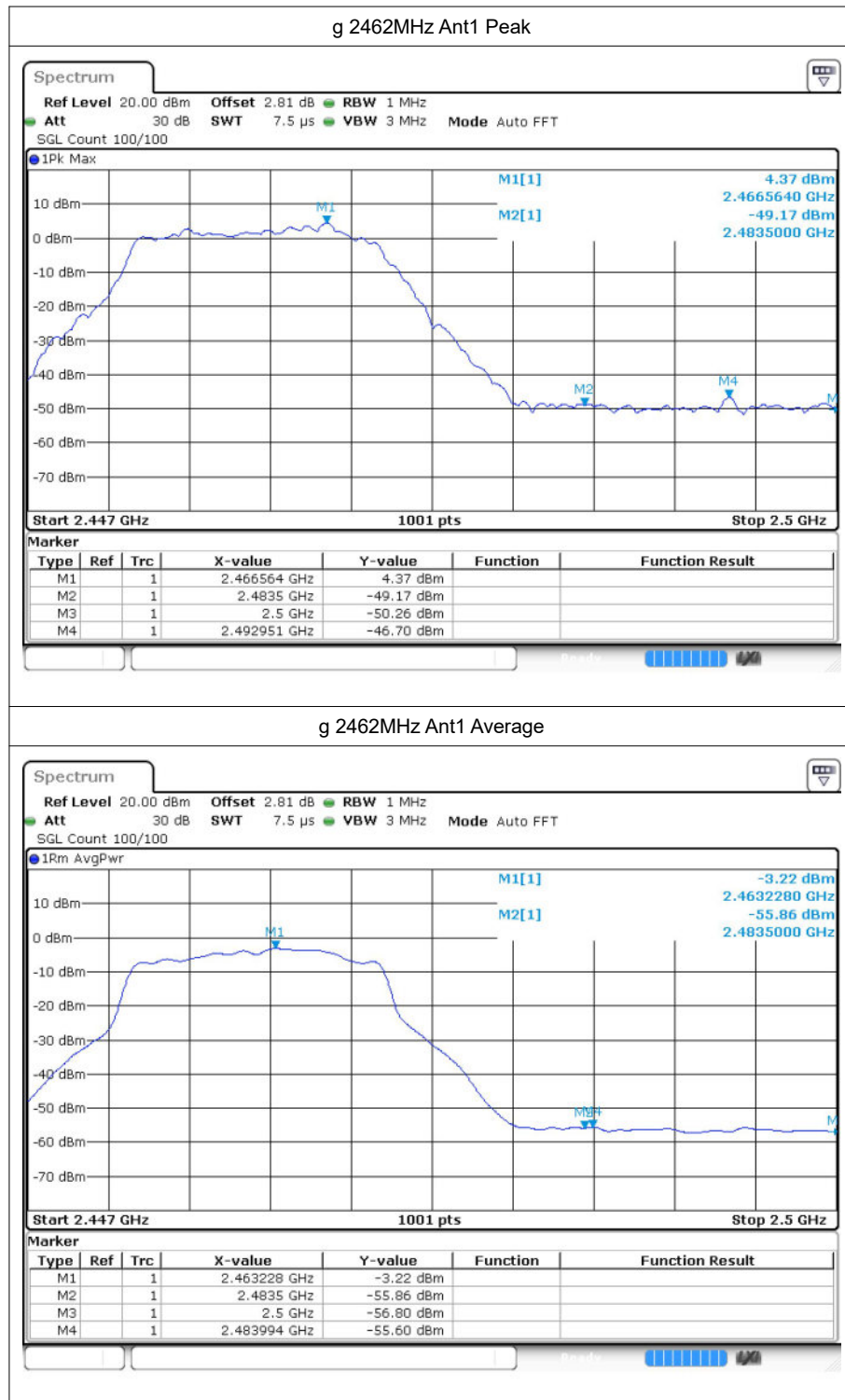
|     |      |      |          |        |      |      |       |         |    |      |
|-----|------|------|----------|--------|------|------|-------|---------|----|------|
| n20 | 2462 | Ant1 | 2500     | -49.64 | 4.29 | -    | 49.91 | Peak    | 74 | Pass |
| n20 | 2462 | Ant1 | 2500     | -56.47 | 4.29 | 0.58 | 43.66 | Average | 54 | Pass |
| n40 | 2422 | Ant1 | 2310     | -49.23 | 4.29 | -    | 50.32 | Peak    | 74 | Pass |
| n40 | 2422 | Ant1 | 2310     | -56.53 | 4.29 | 0.55 | 43.57 | Average | 54 | Pass |
| n40 | 2422 | Ant1 | 2340.388 | -45.9  | 4.29 | -    | 53.65 | Peak    | 74 | Pass |
| n40 | 2422 | Ant1 | 2338.968 | -54.6  | 4.29 | 0.55 | 45.5  | Average | 54 | Pass |
| n40 | 2422 | Ant1 | 2390     | -49.4  | 4.29 | -    | 50.15 | Peak    | 74 | Pass |
| n40 | 2422 | Ant1 | 2390     | -56.4  | 4.29 | 0.55 | 43.7  | Average | 54 | Pass |
| n40 | 2452 | Ant1 | 2483.5   | -50.66 | 4.29 | -    | 48.89 | Peak    | 74 | Pass |
| n40 | 2452 | Ant1 | 2483.5   | -55.98 | 4.29 | 0.55 | 44.12 | Average | 54 | Pass |
| n40 | 2452 | Ant1 | 2497.816 | -47.2  | 4.29 | -    | 52.35 | Peak    | 74 | Pass |
| n40 | 2452 | Ant1 | 2485.492 | -55.29 | 4.29 | 0.55 | 44.81 | Average | 54 | Pass |
| n40 | 2452 | Ant1 | 2500     | -51.5  | 4.29 | -    | 48.05 | Peak    | 74 | Pass |
| n40 | 2452 | Ant1 | 2500     | -56.73 | 4.29 | 0.55 | 43.37 | Average | 54 | Pass |

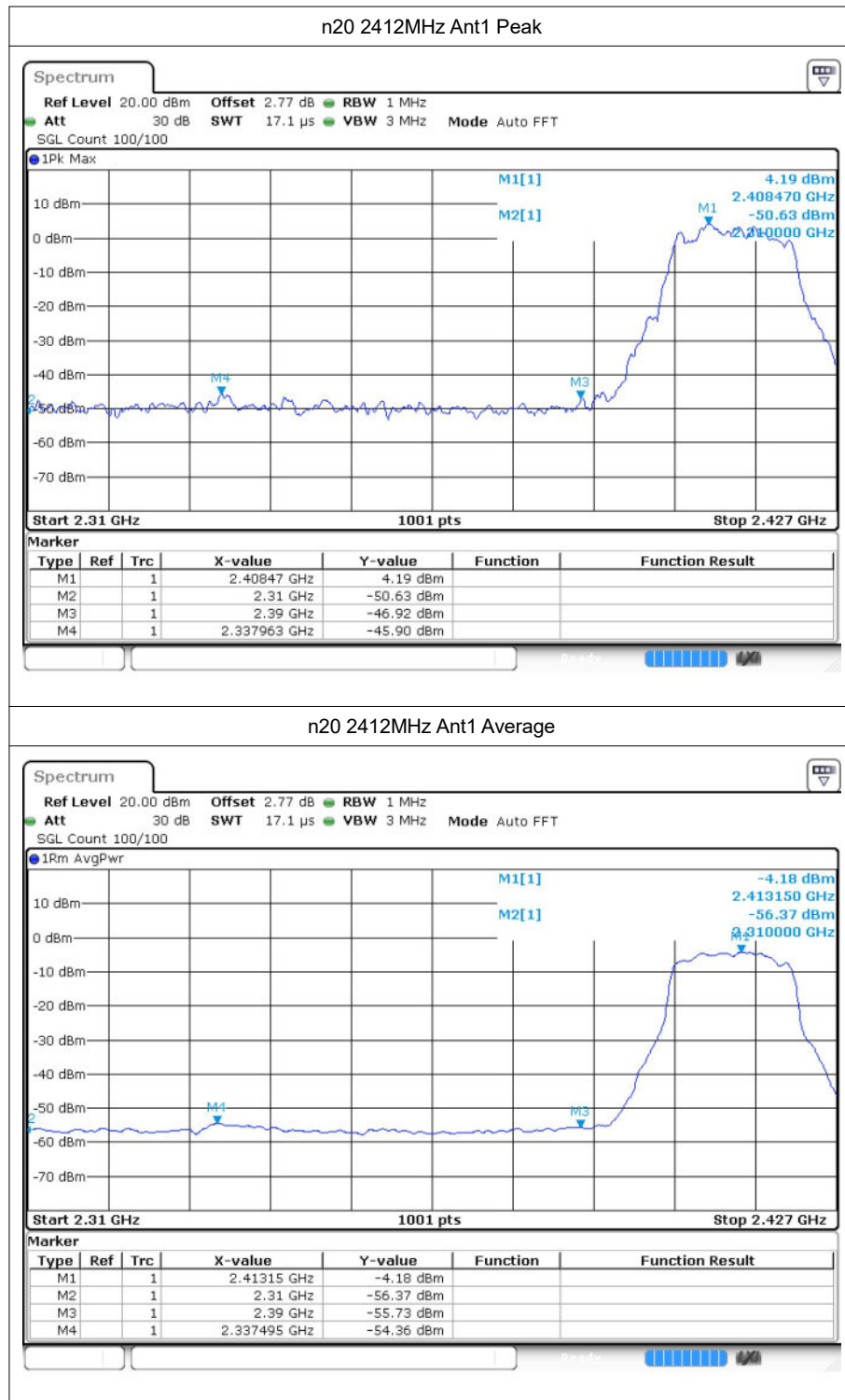
## 7.2 Test Graphs

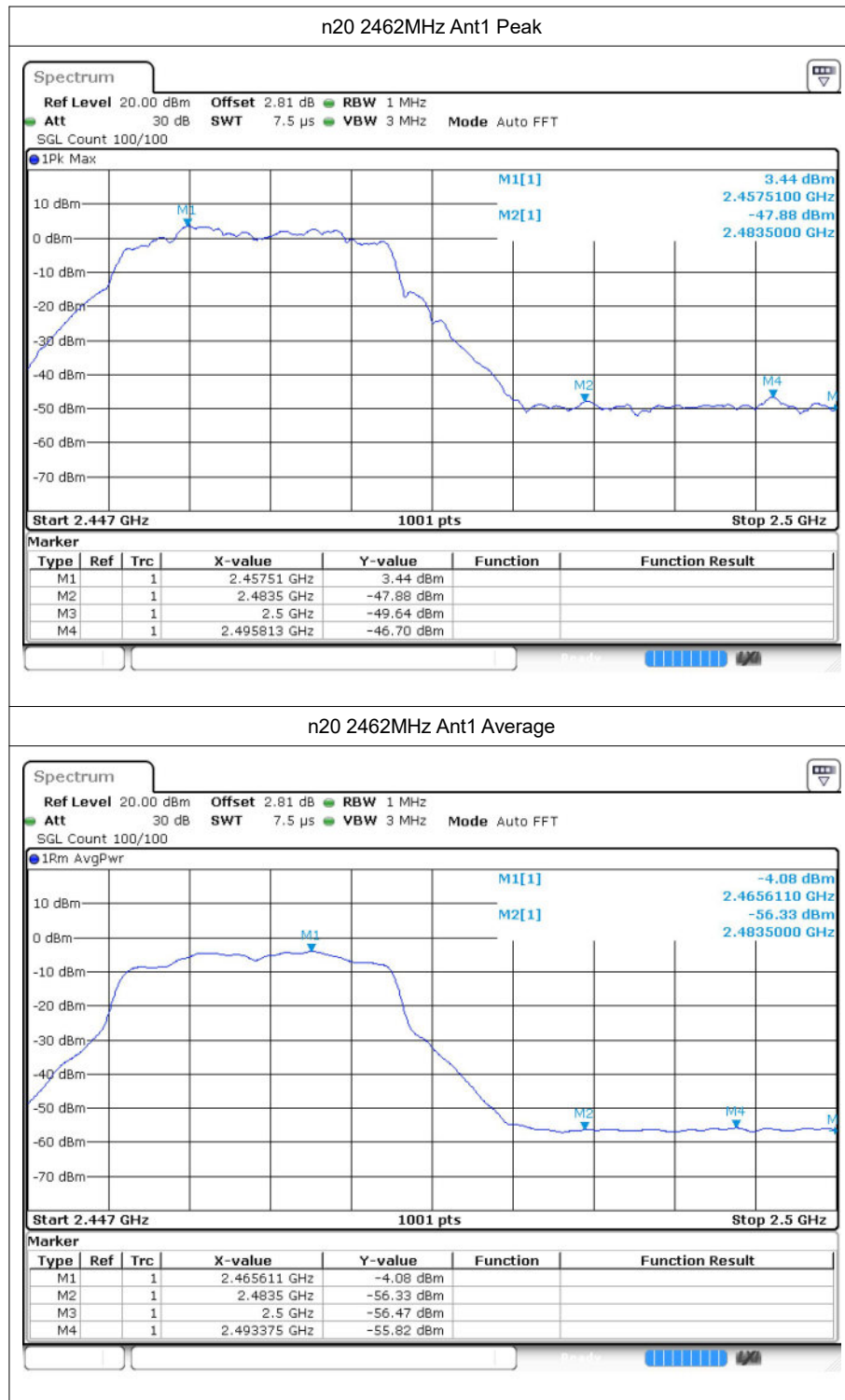


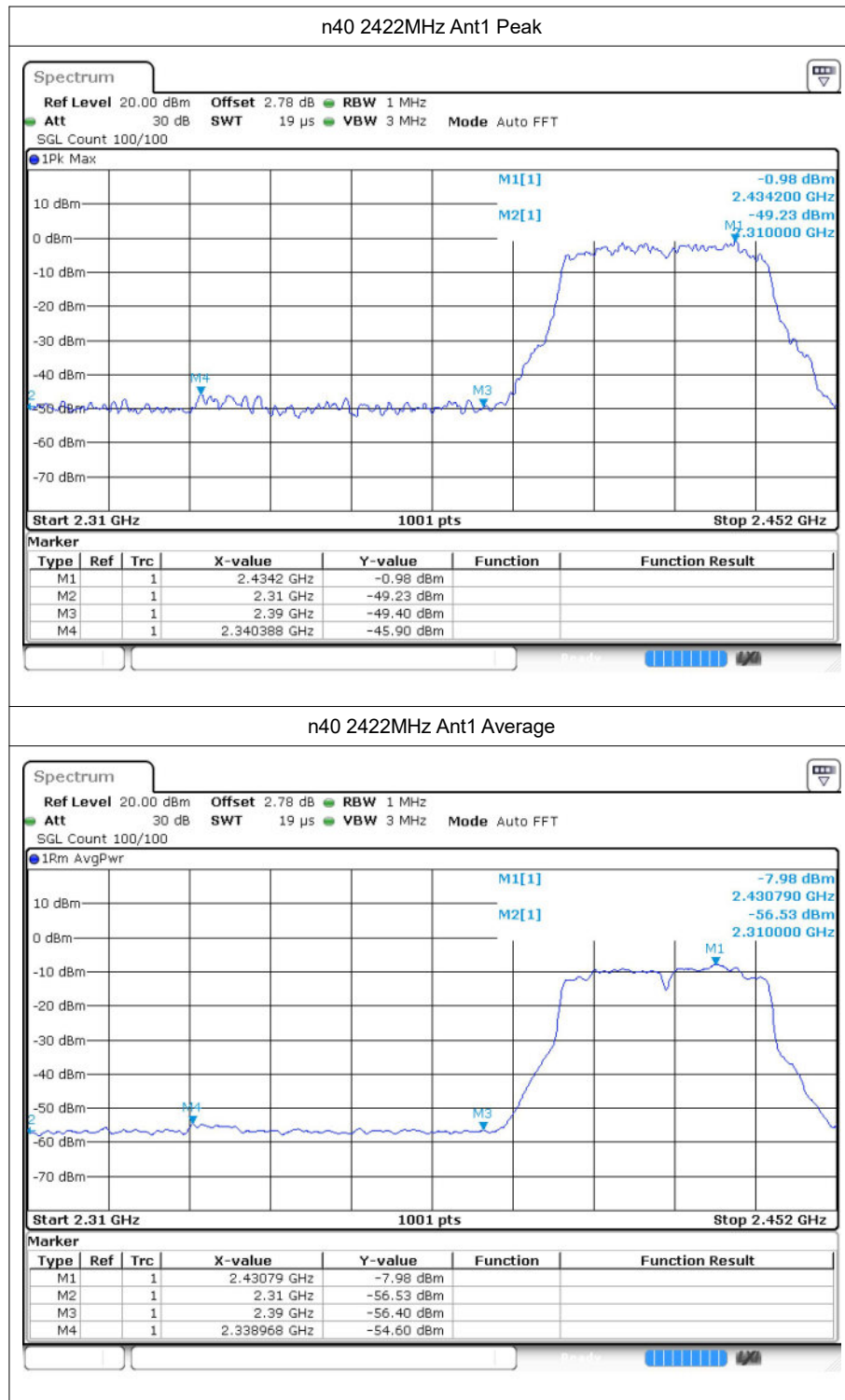


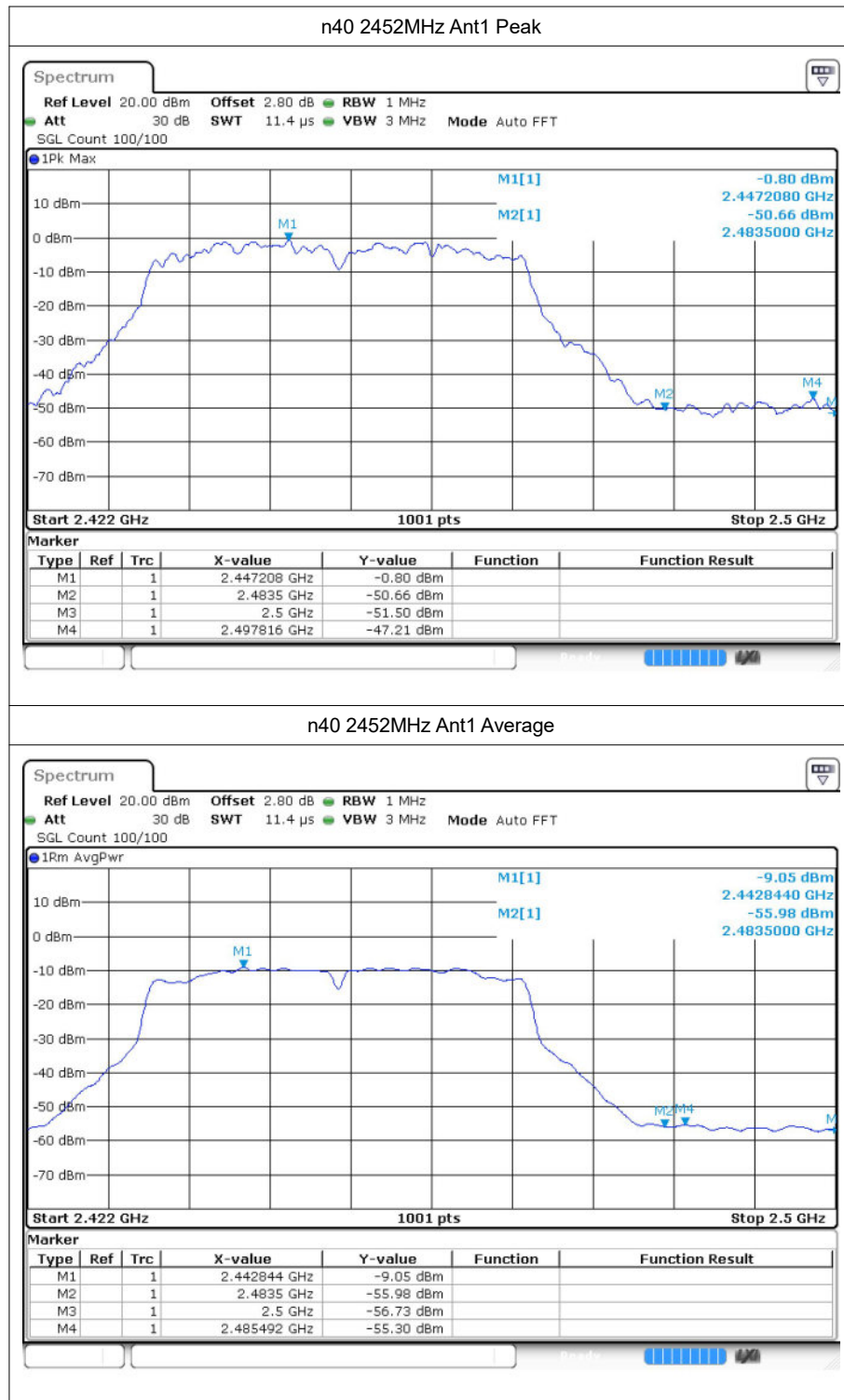












---The End---