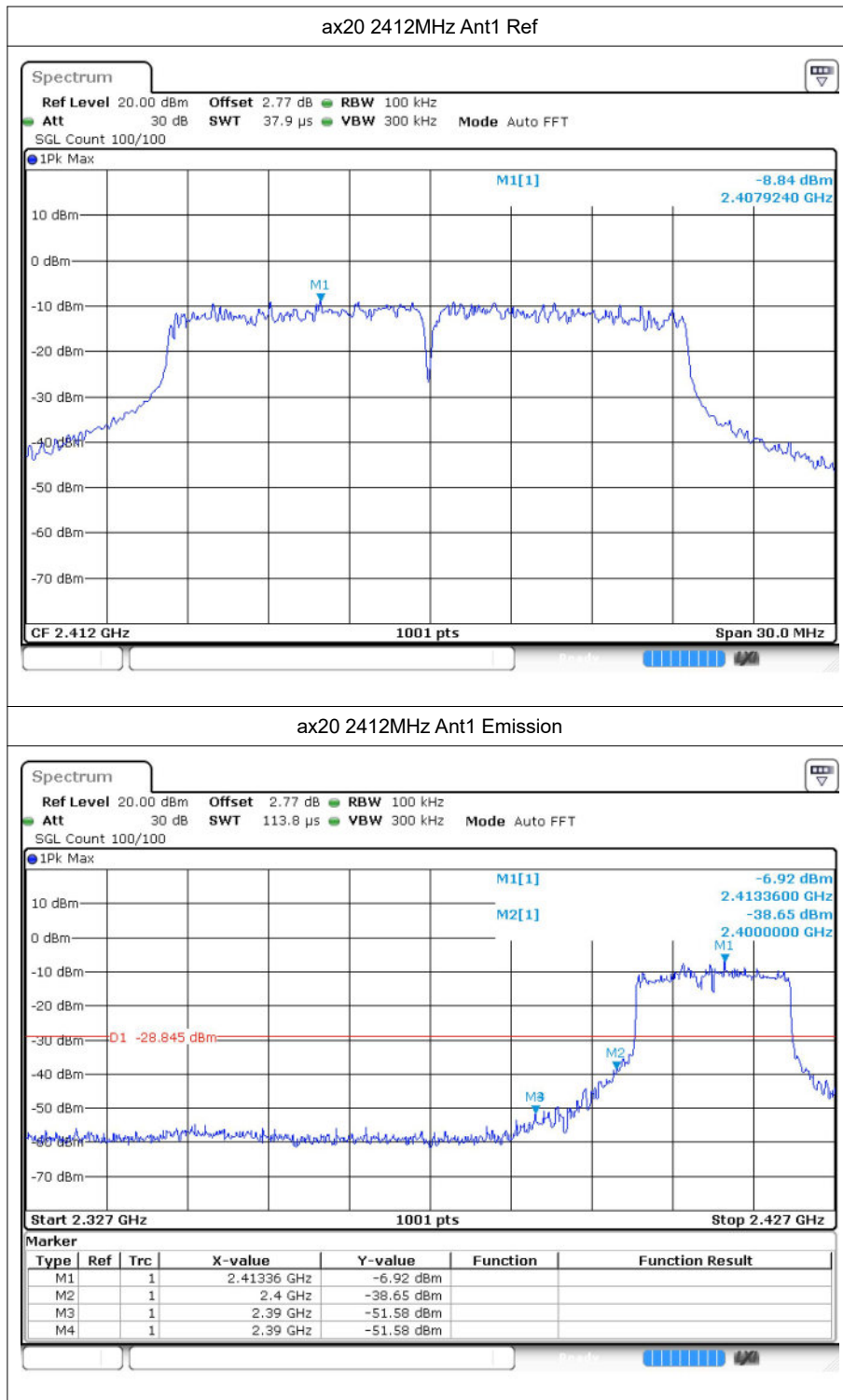
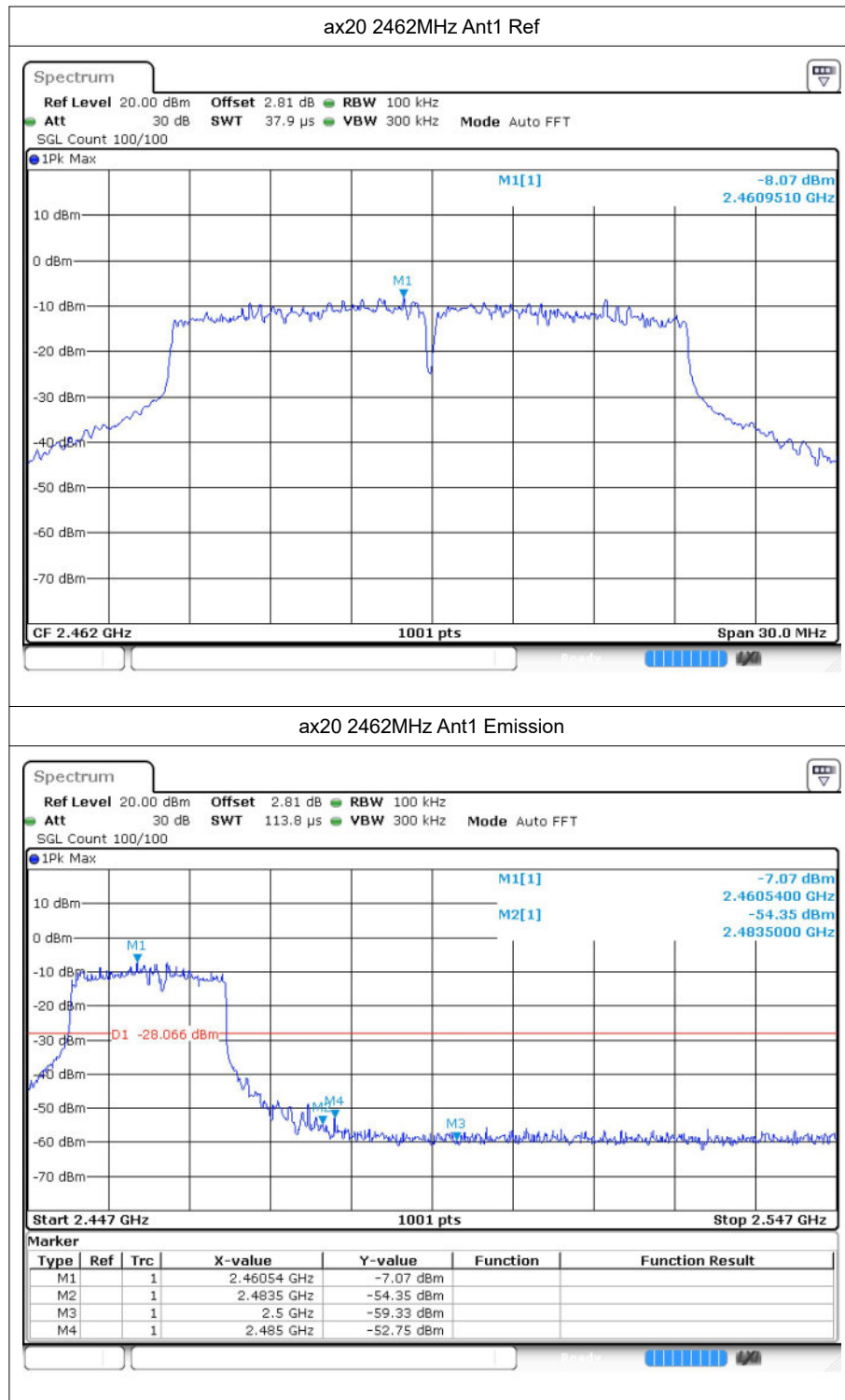
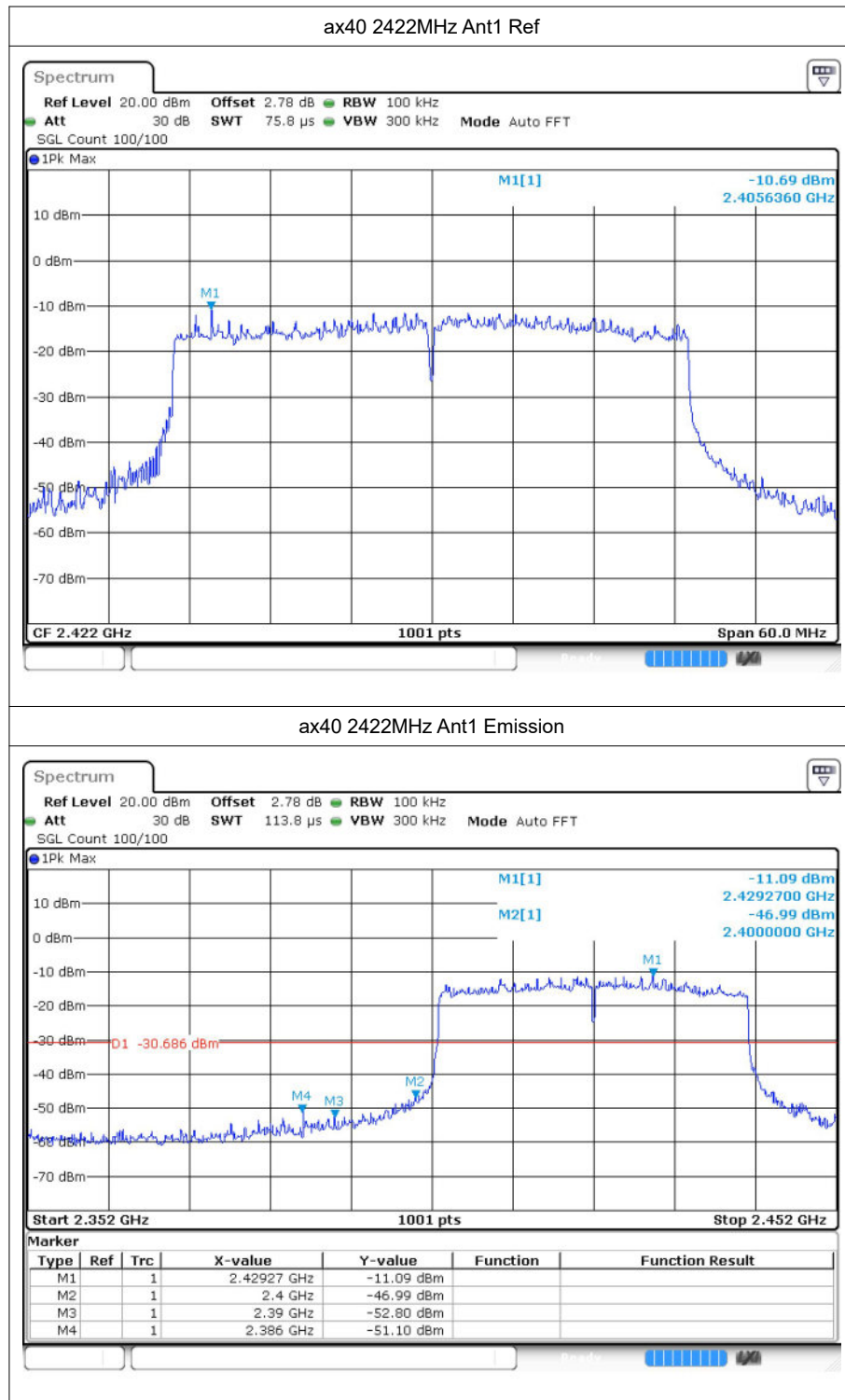
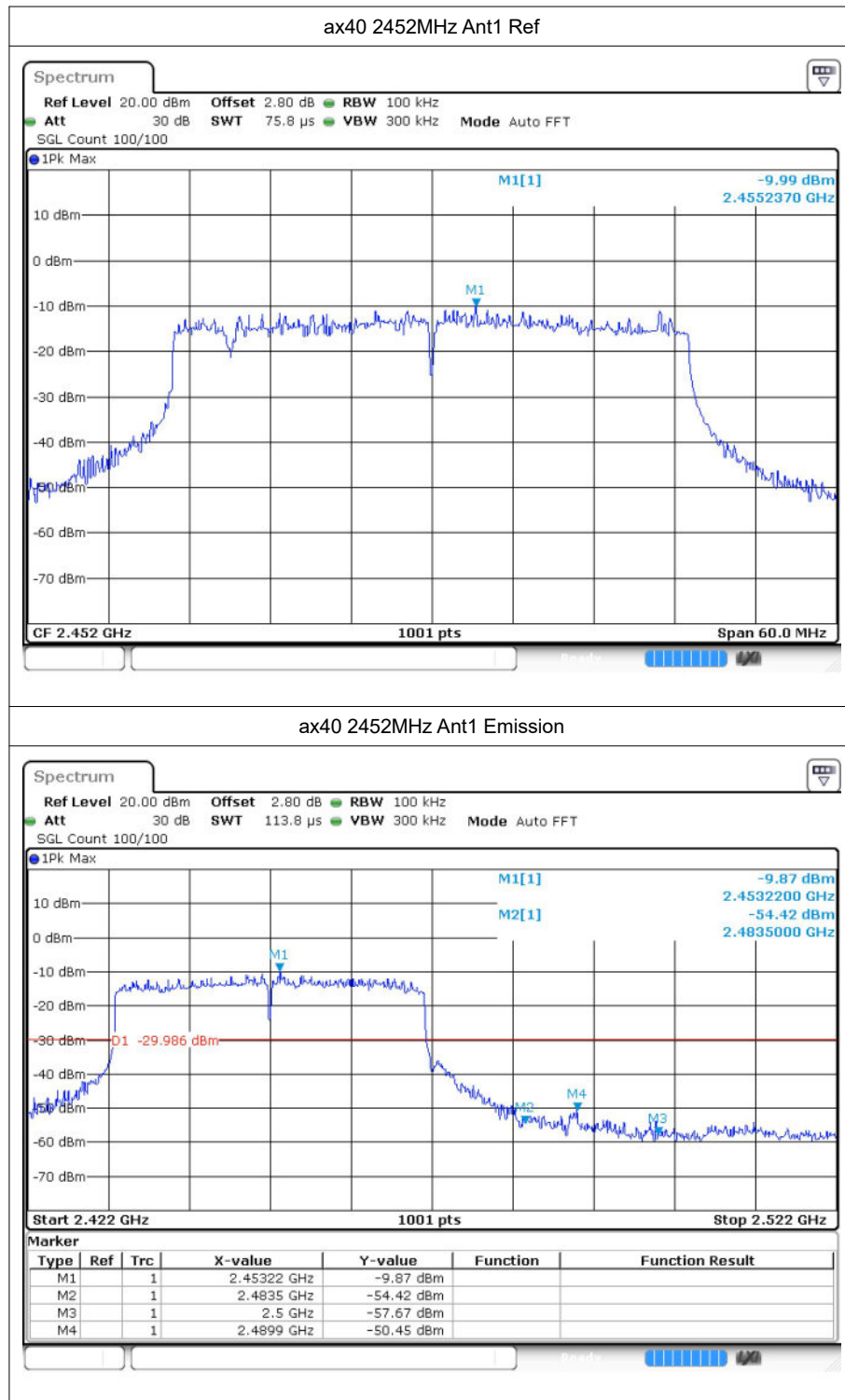










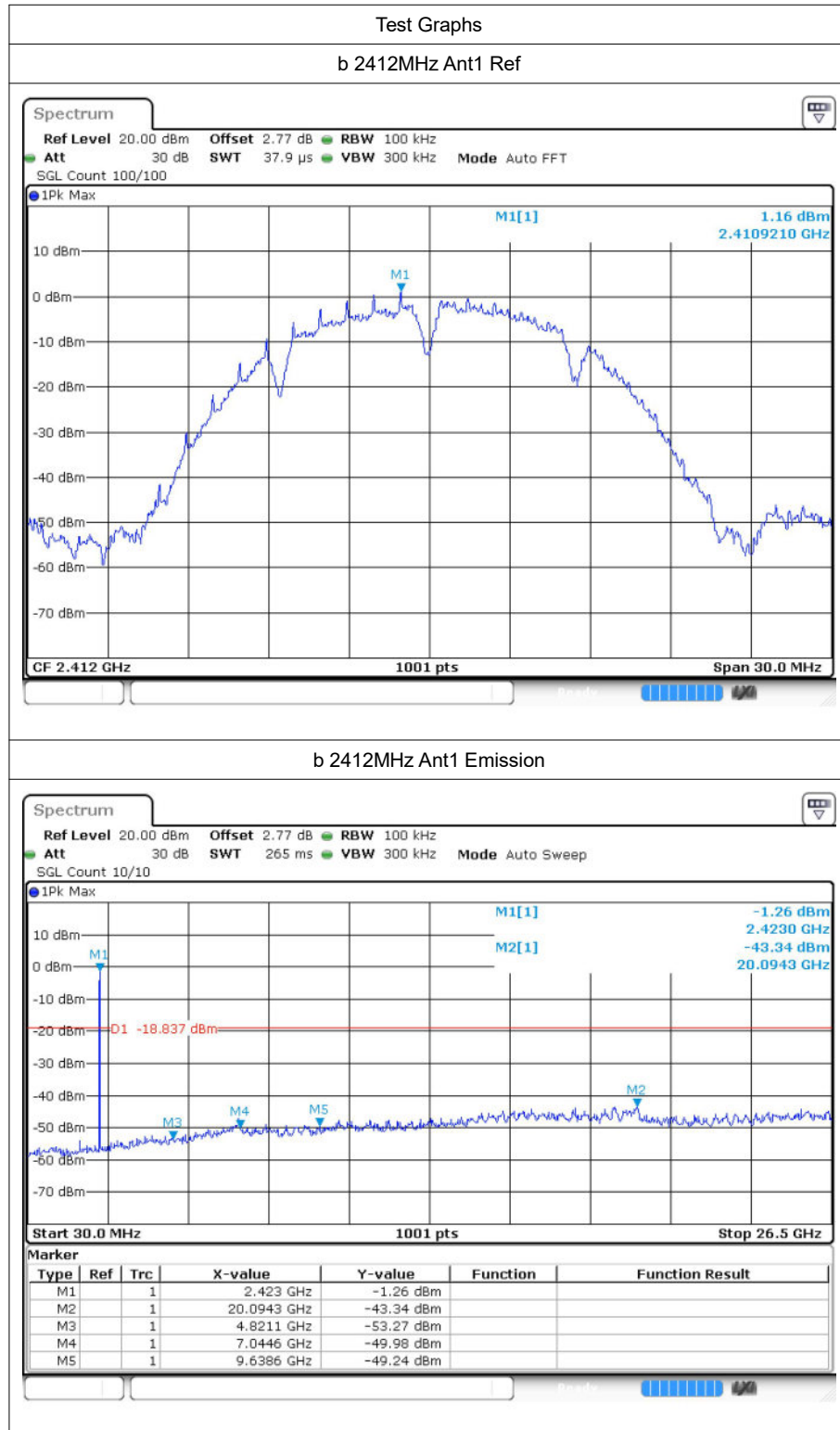


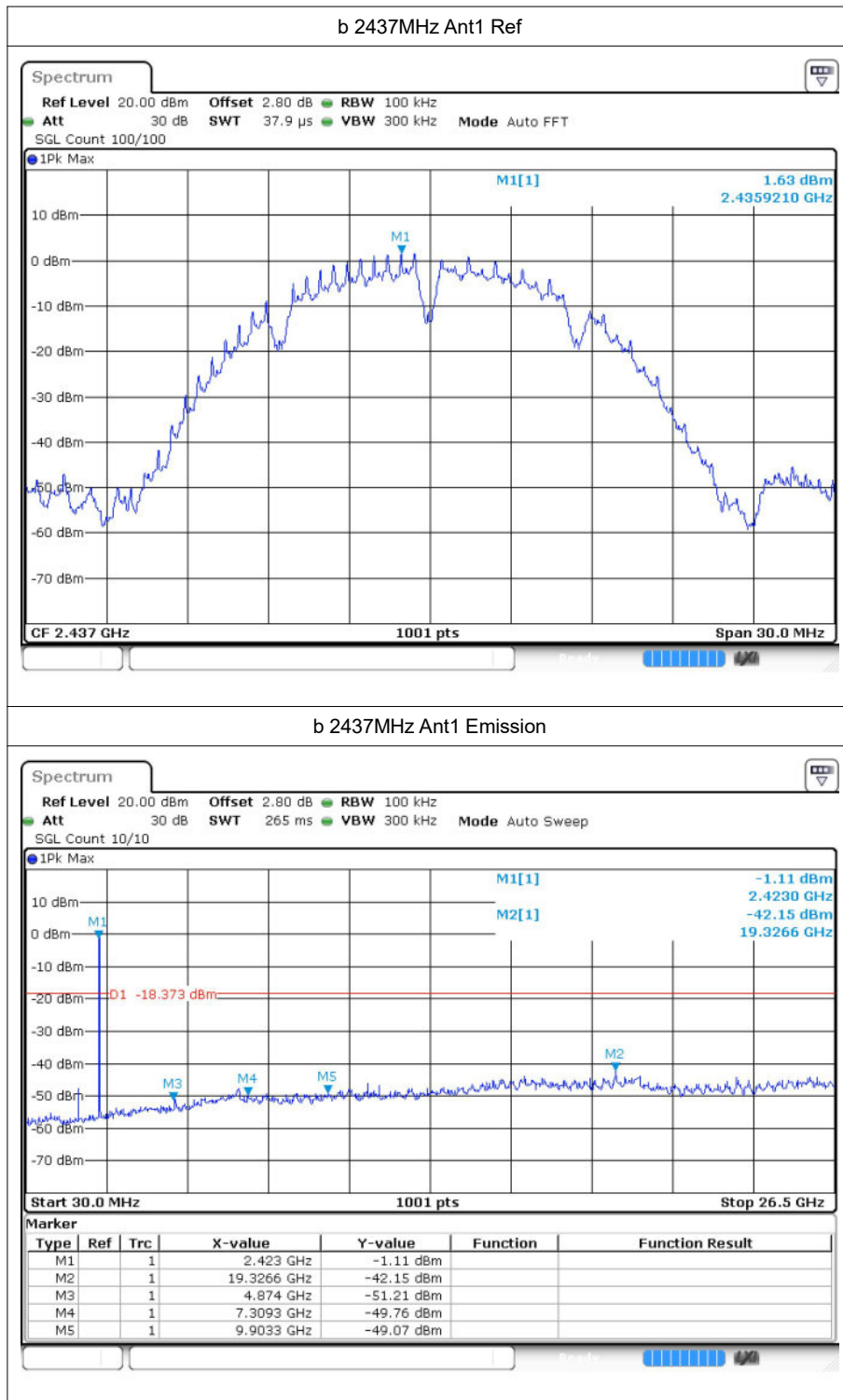
## 6 Conducted RF Spurious Emission

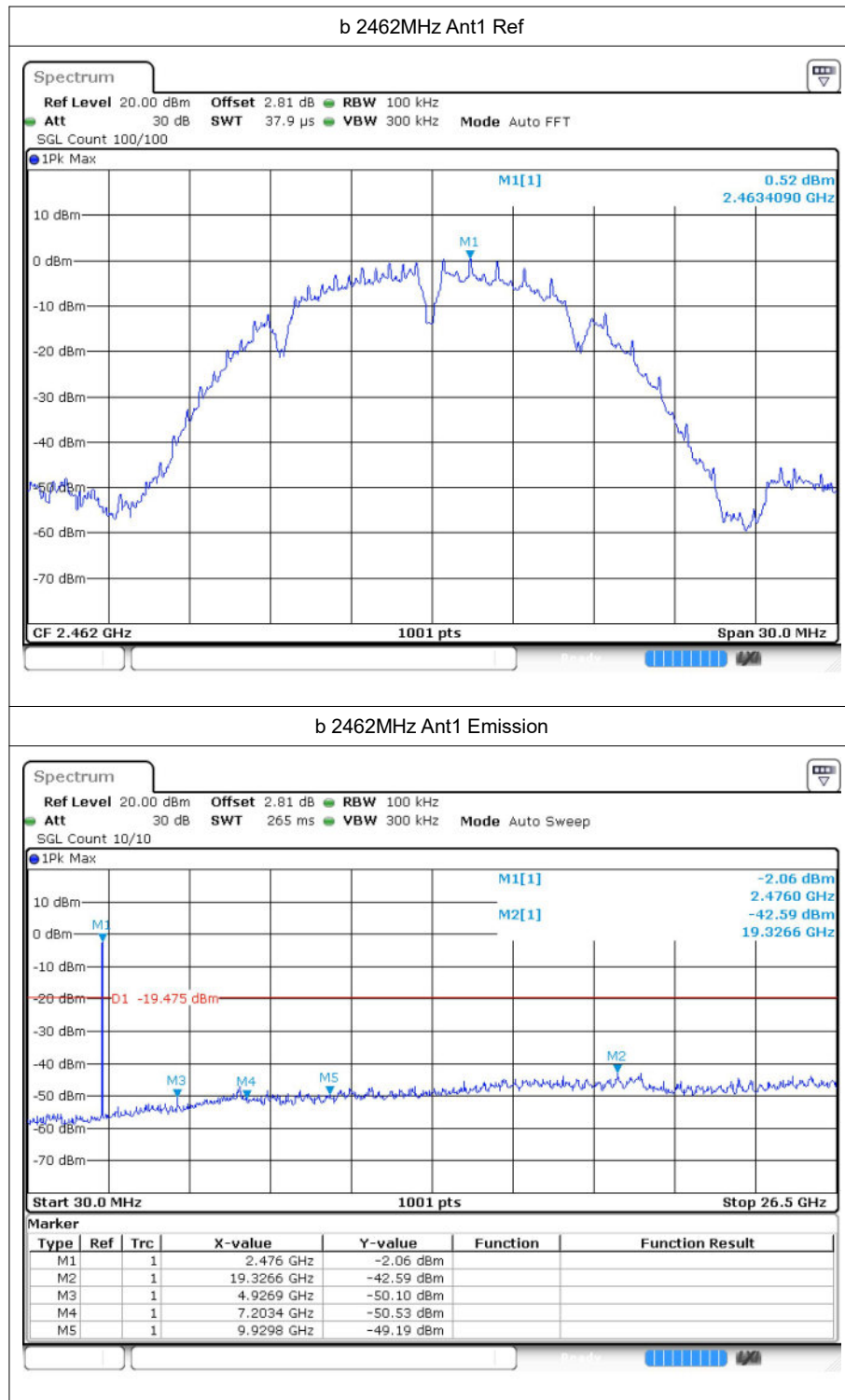
### 6.1 Test Result

| Mode | Frequency (MHz) | Antenna | Max Value (dBc) | Limit (dBc) | Verdict |
|------|-----------------|---------|-----------------|-------------|---------|
| b    | 2412            | Ant1    | -44.49          | -20         | Pass    |
| b    | 2437            | Ant1    | -43.78          | -20         | Pass    |
| b    | 2462            | Ant1    | -43.11          | -20         | Pass    |
| g    | 2412            | Ant1    | -37.13          | -20         | Pass    |
| g    | 2437            | Ant1    | -38.46          | -20         | Pass    |
| g    | 2462            | Ant1    | -36.83          | -20         | Pass    |
| n20  | 2412            | Ant1    | -36.45          | -20         | Pass    |
| n20  | 2437            | Ant1    | -36.44          | -20         | Pass    |
| n20  | 2462            | Ant1    | -37.06          | -20         | Pass    |
| n40  | 2422            | Ant1    | -33.54          | -20         | Pass    |
| n40  | 2437            | Ant1    | -35.31          | -20         | Pass    |
| n40  | 2452            | Ant1    | -36.2           | -20         | Pass    |
| ax20 | 2412            | Ant1    | -36.75          | -20         | Pass    |
| ax20 | 2437            | Ant1    | -35.61          | -20         | Pass    |
| ax20 | 2462            | Ant1    | -33.88          | -20         | Pass    |
| ax40 | 2422            | Ant1    | -33.08          | -20         | Pass    |
| ax40 | 2437            | Ant1    | -32.72          | -20         | Pass    |
| ax40 | 2452            | Ant1    | -33.02          | -20         | Pass    |

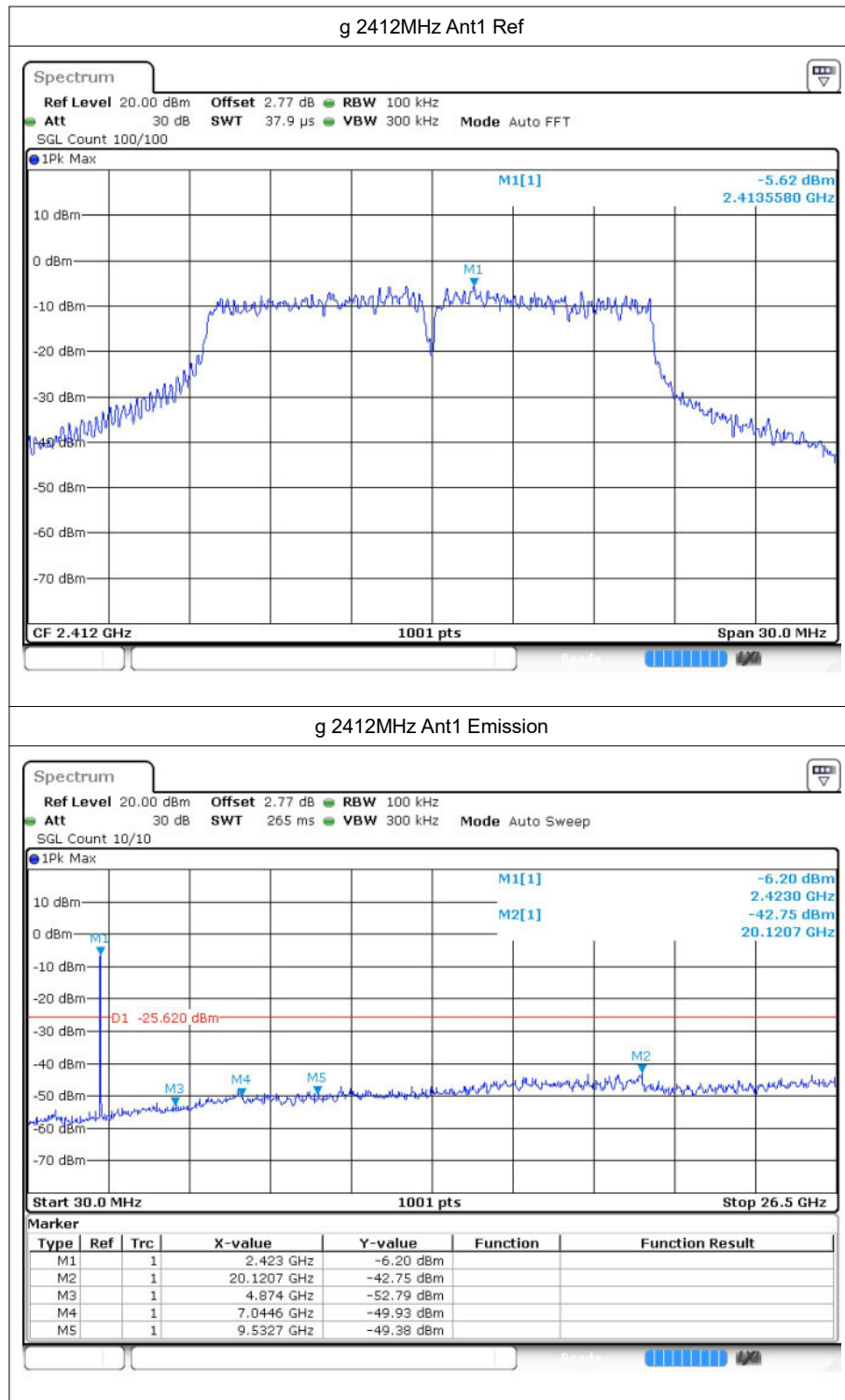
## 6.2 Test Graphs

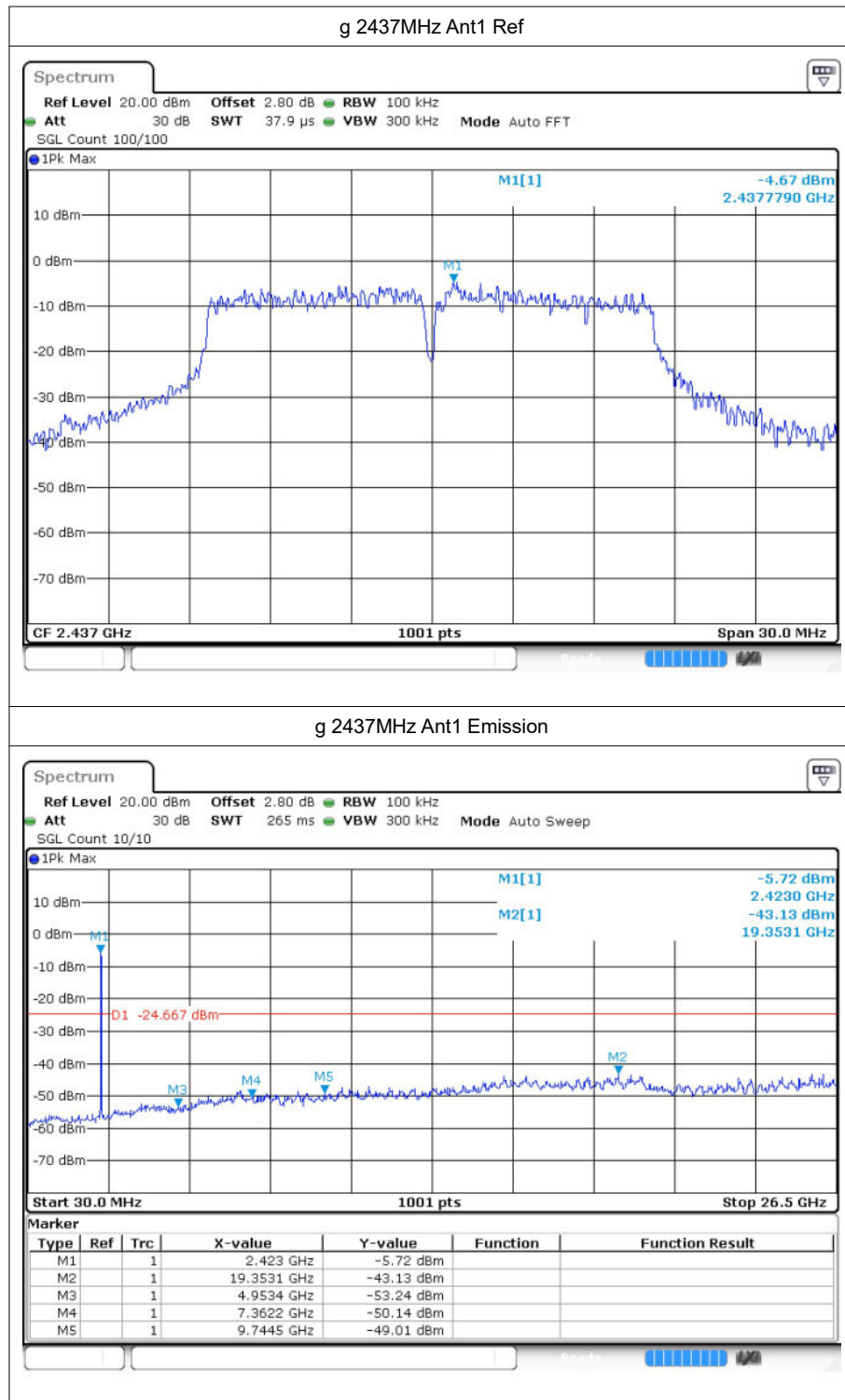


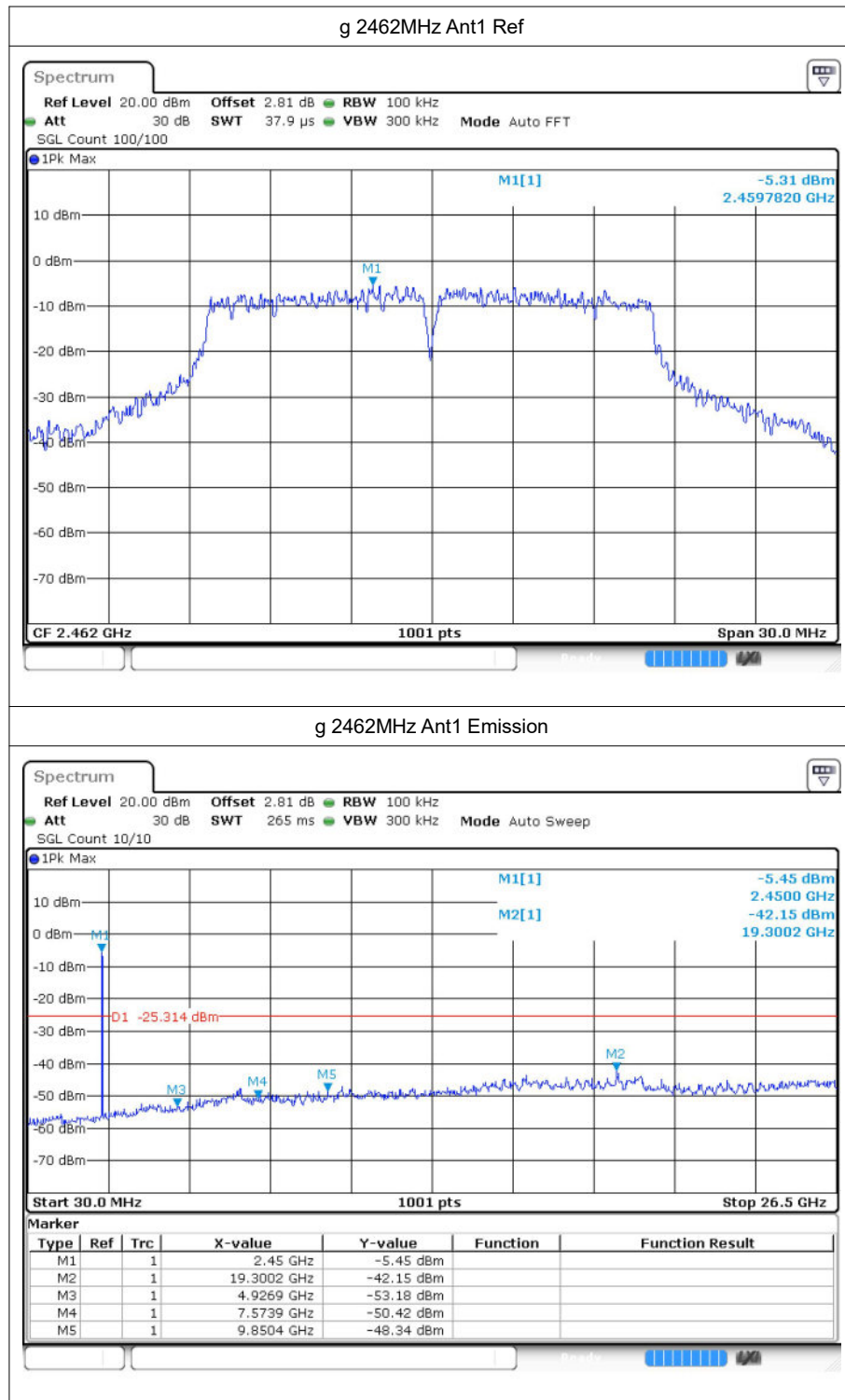


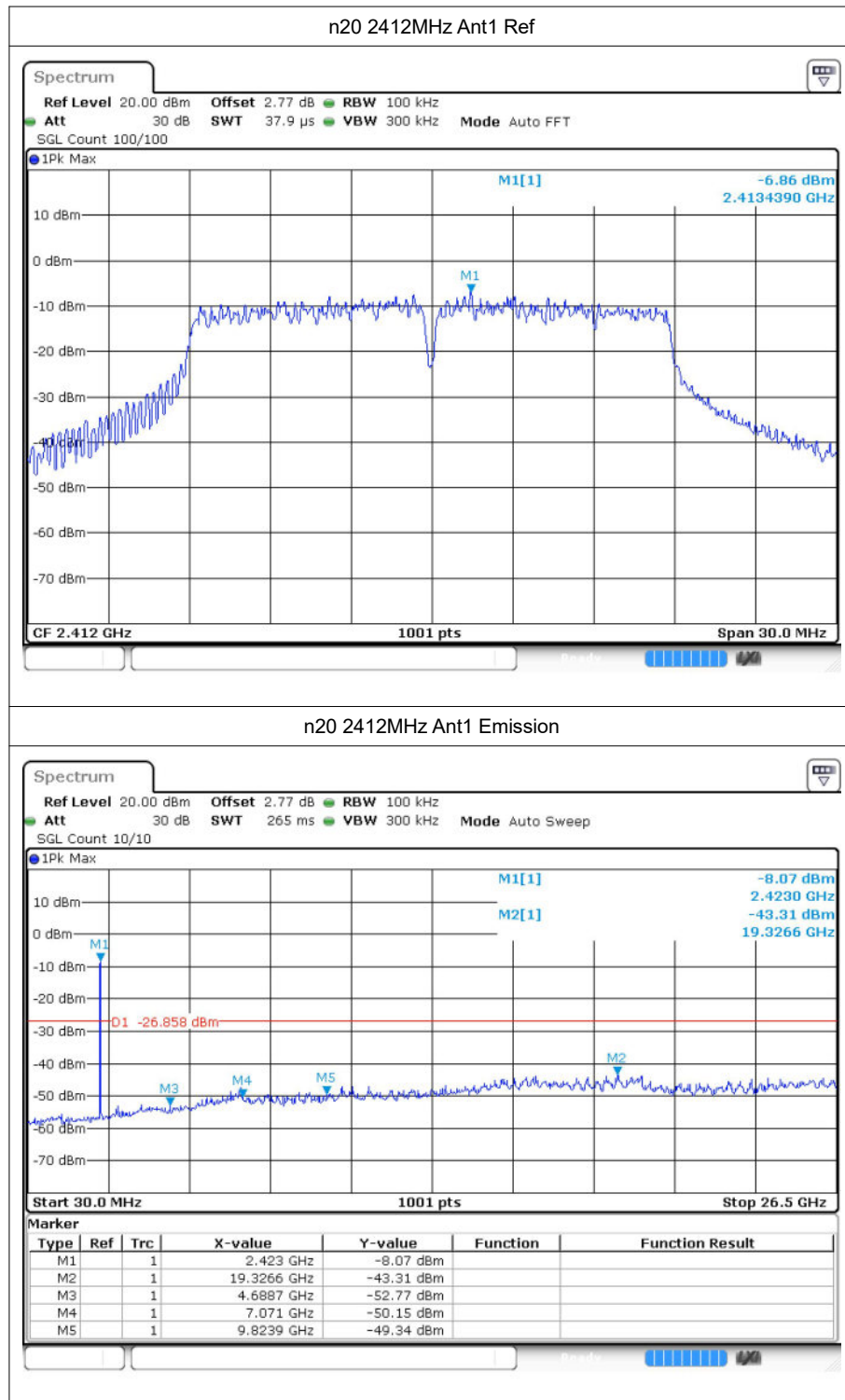


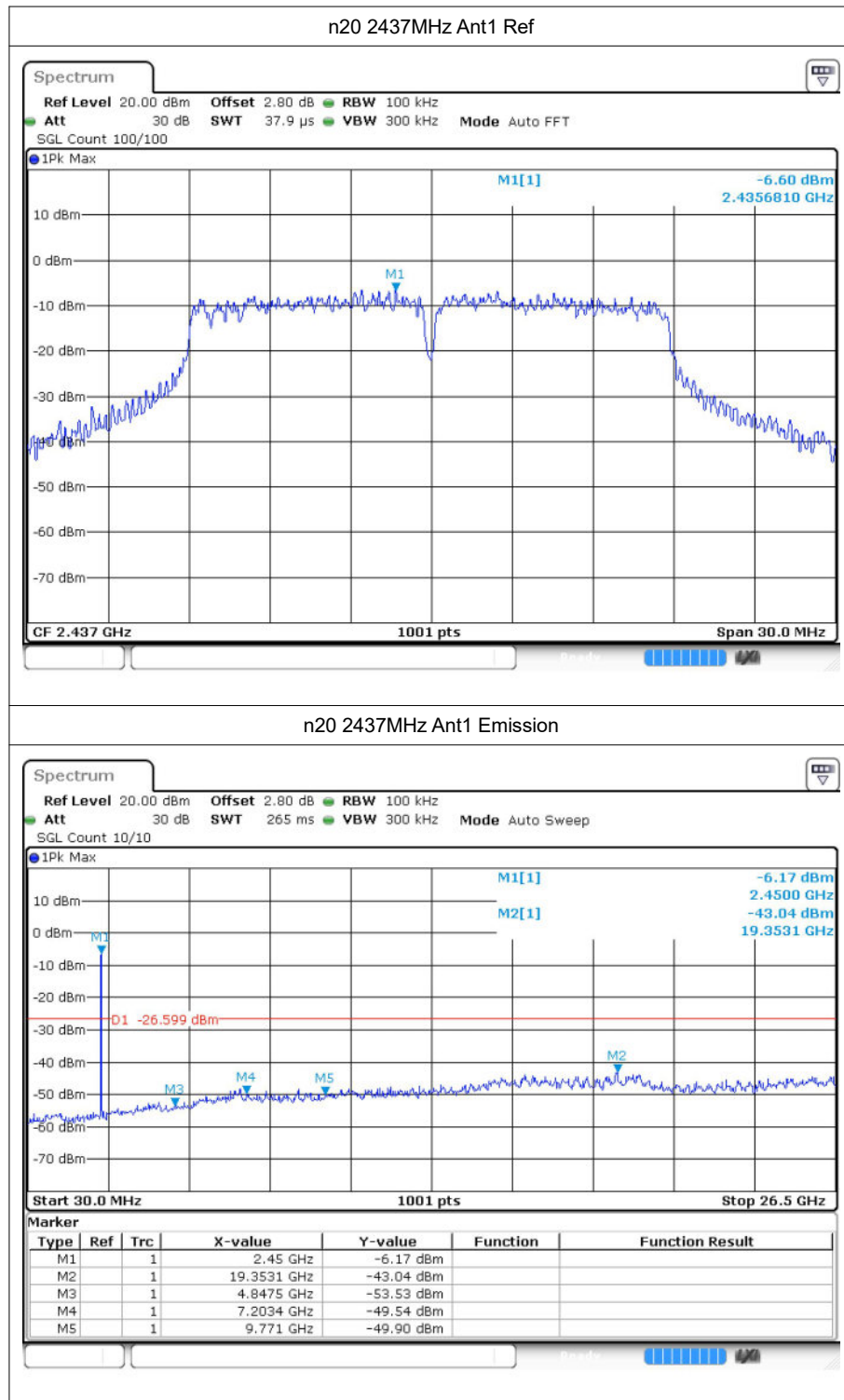


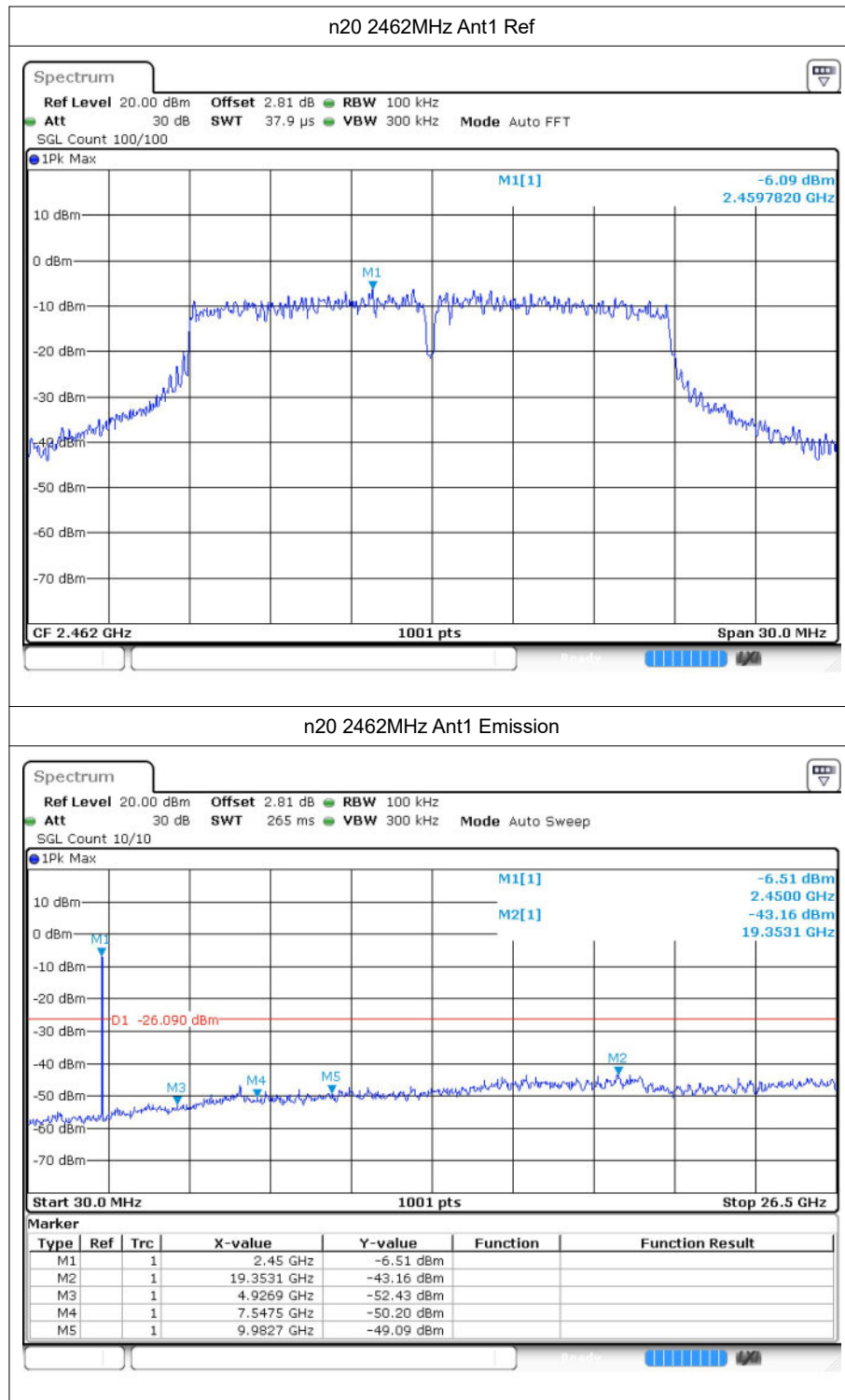


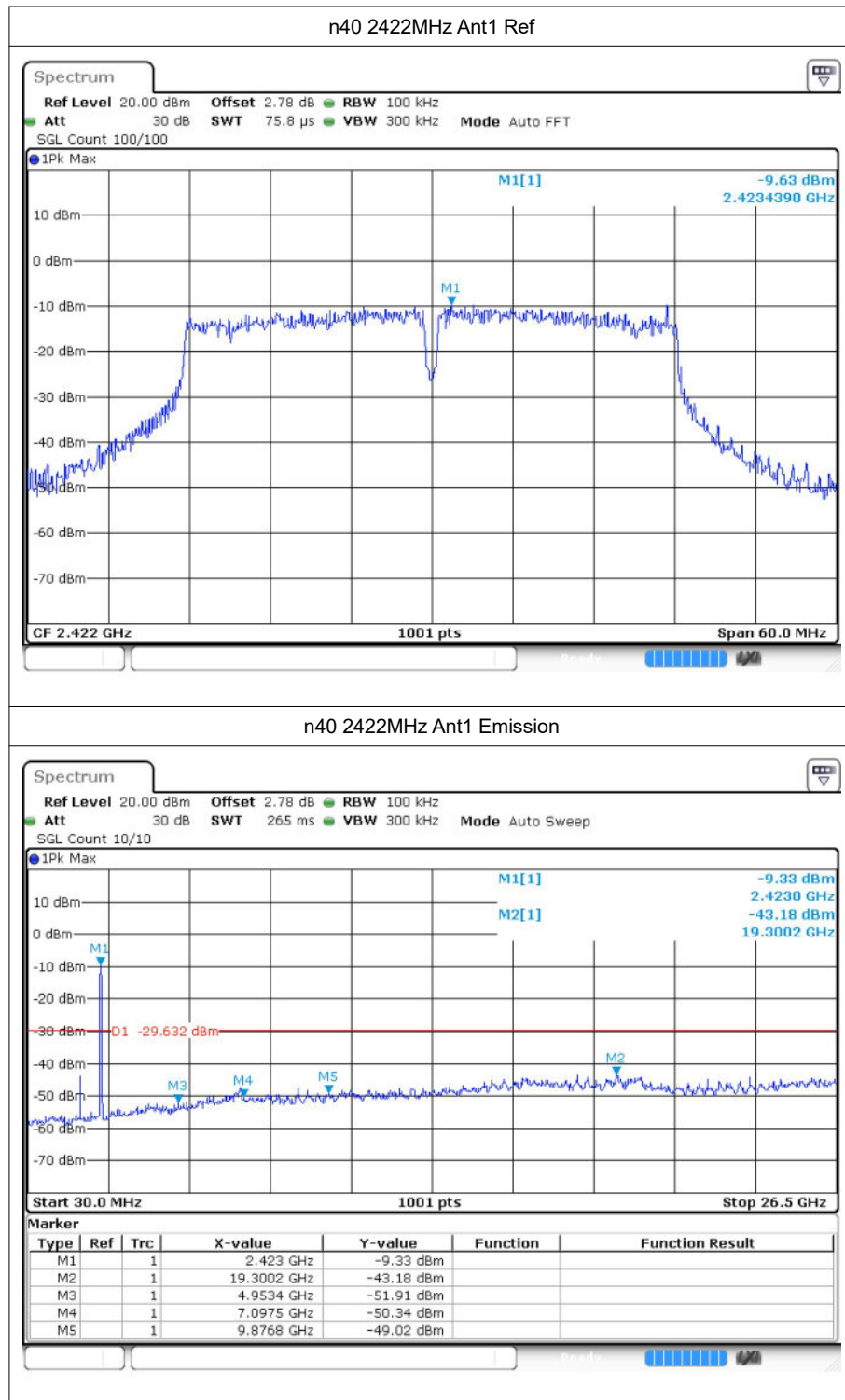




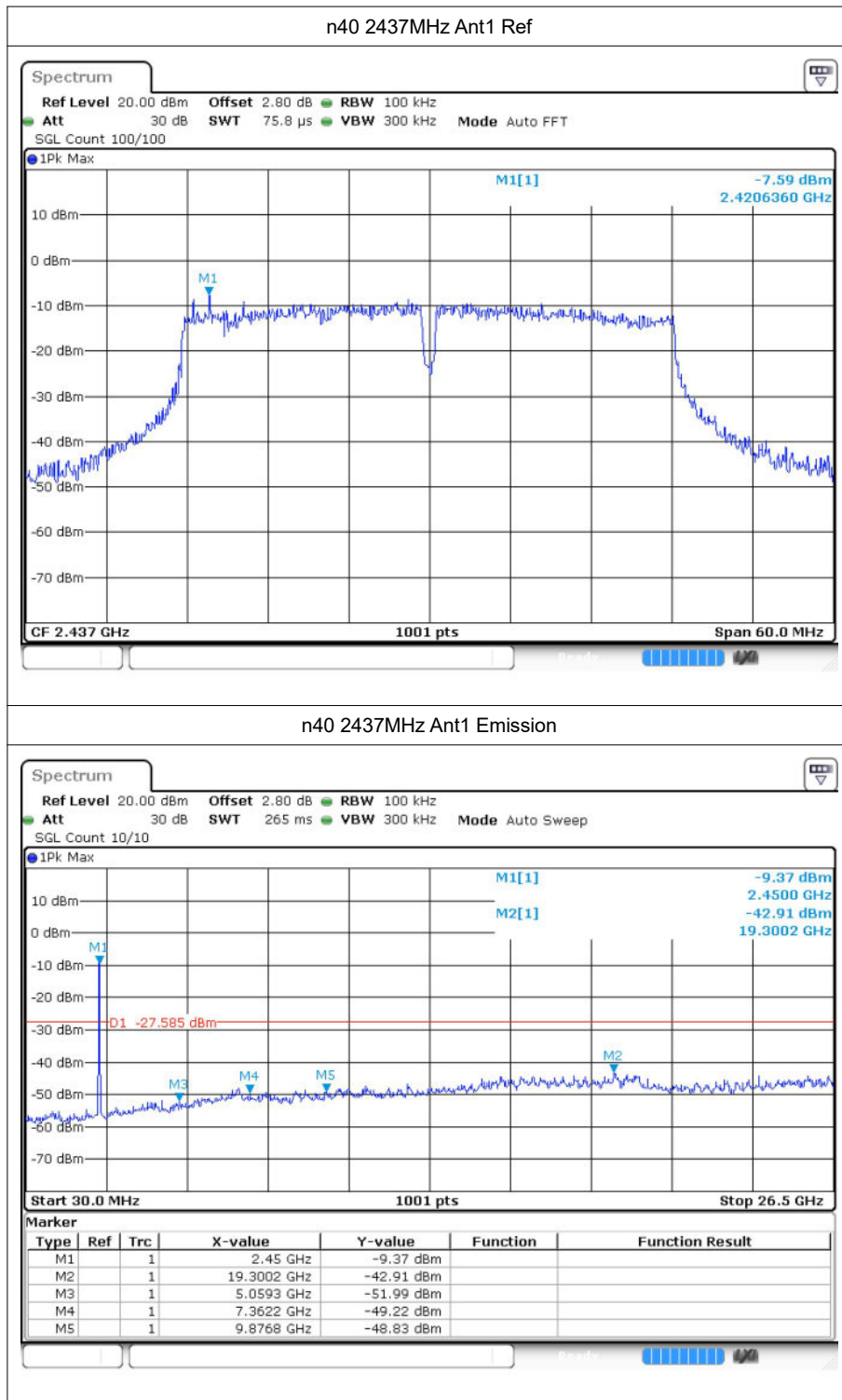




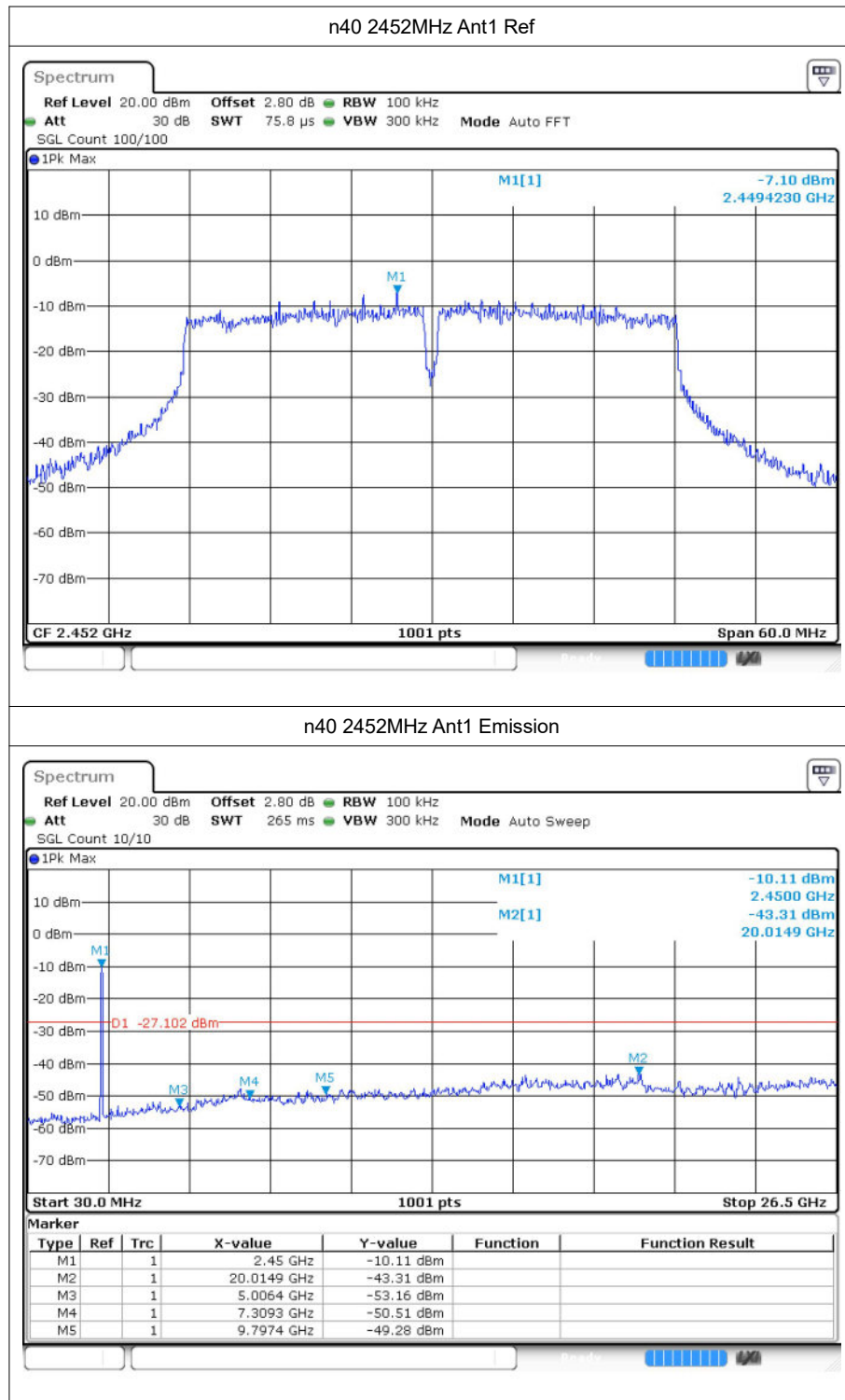


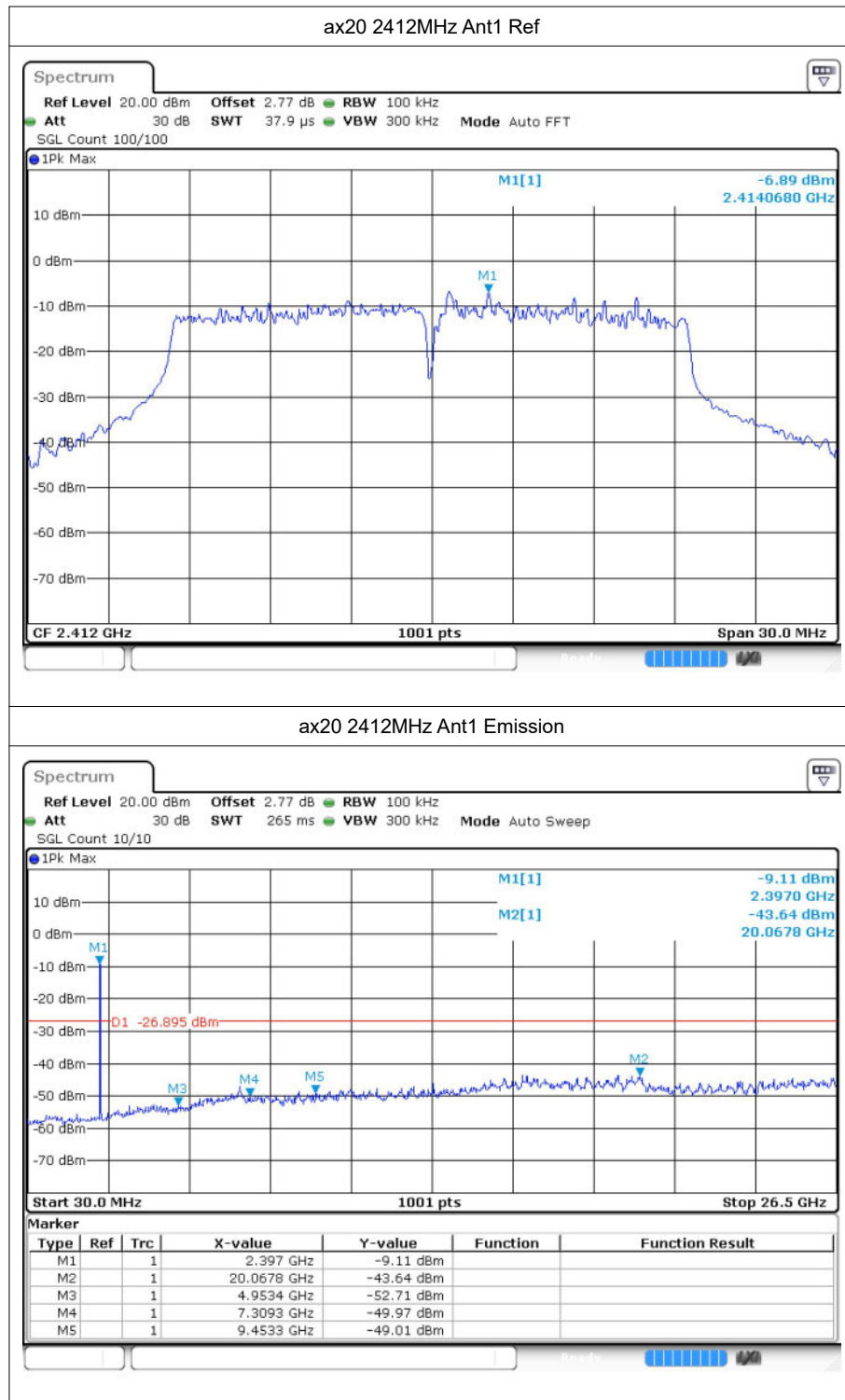


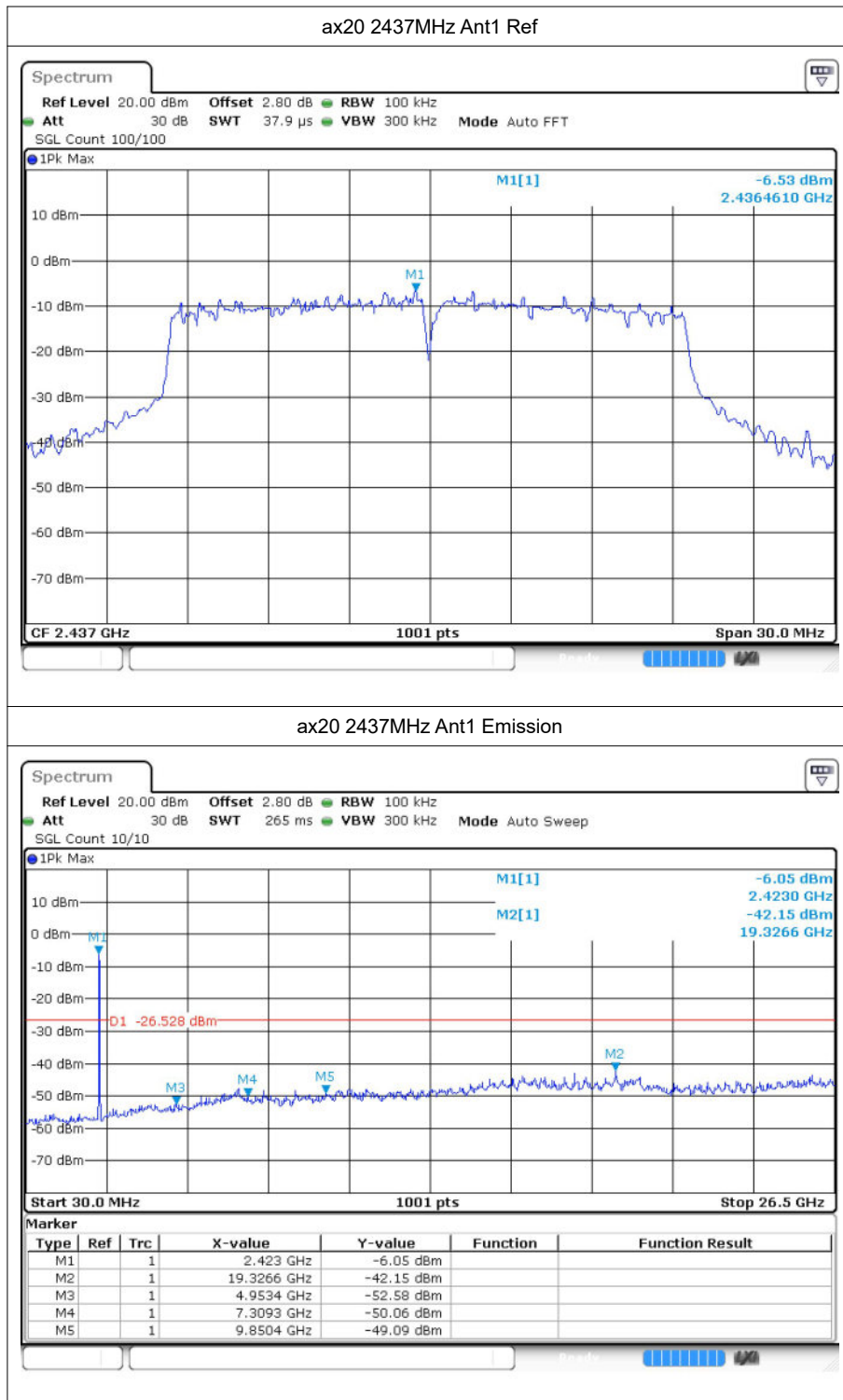


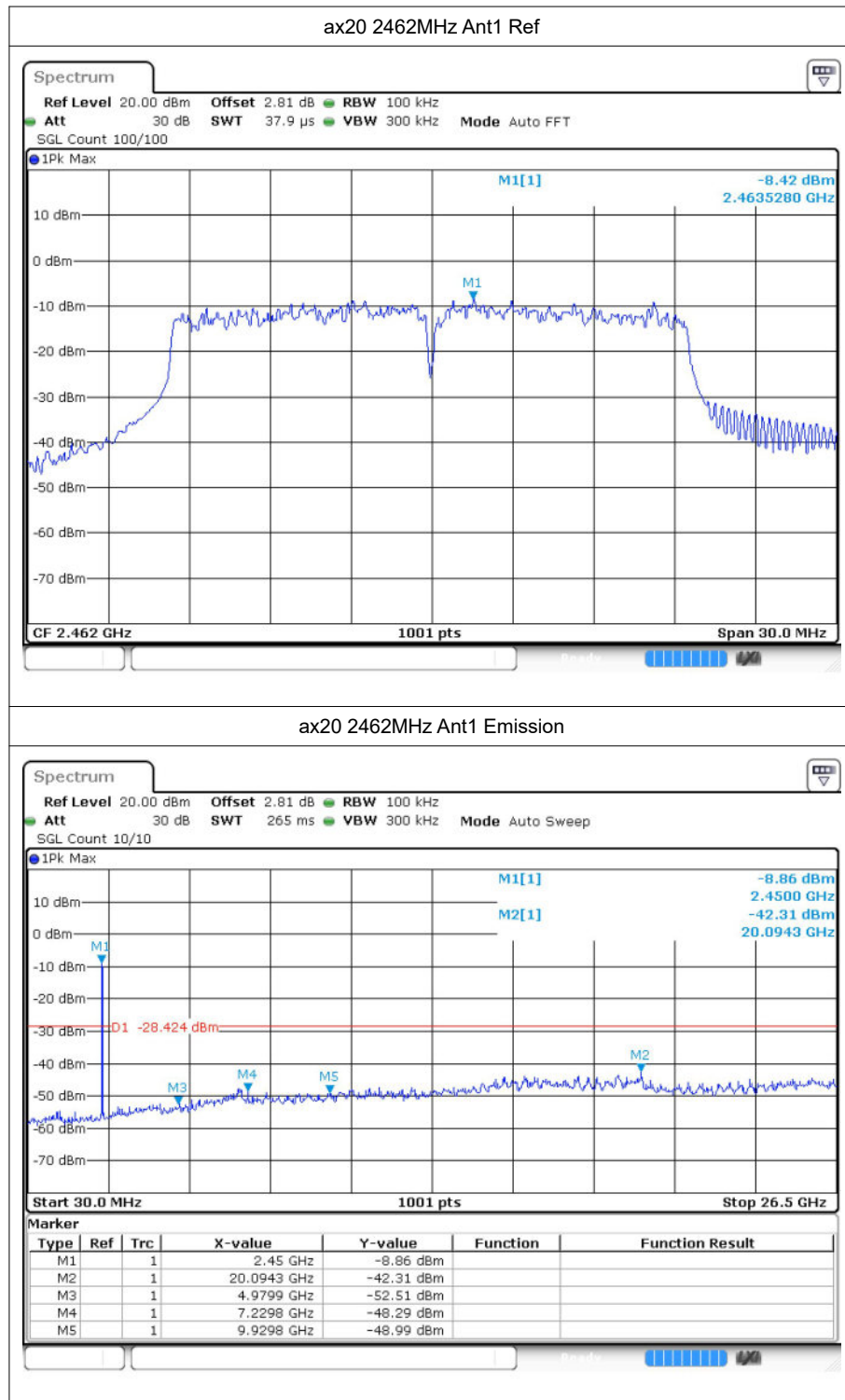


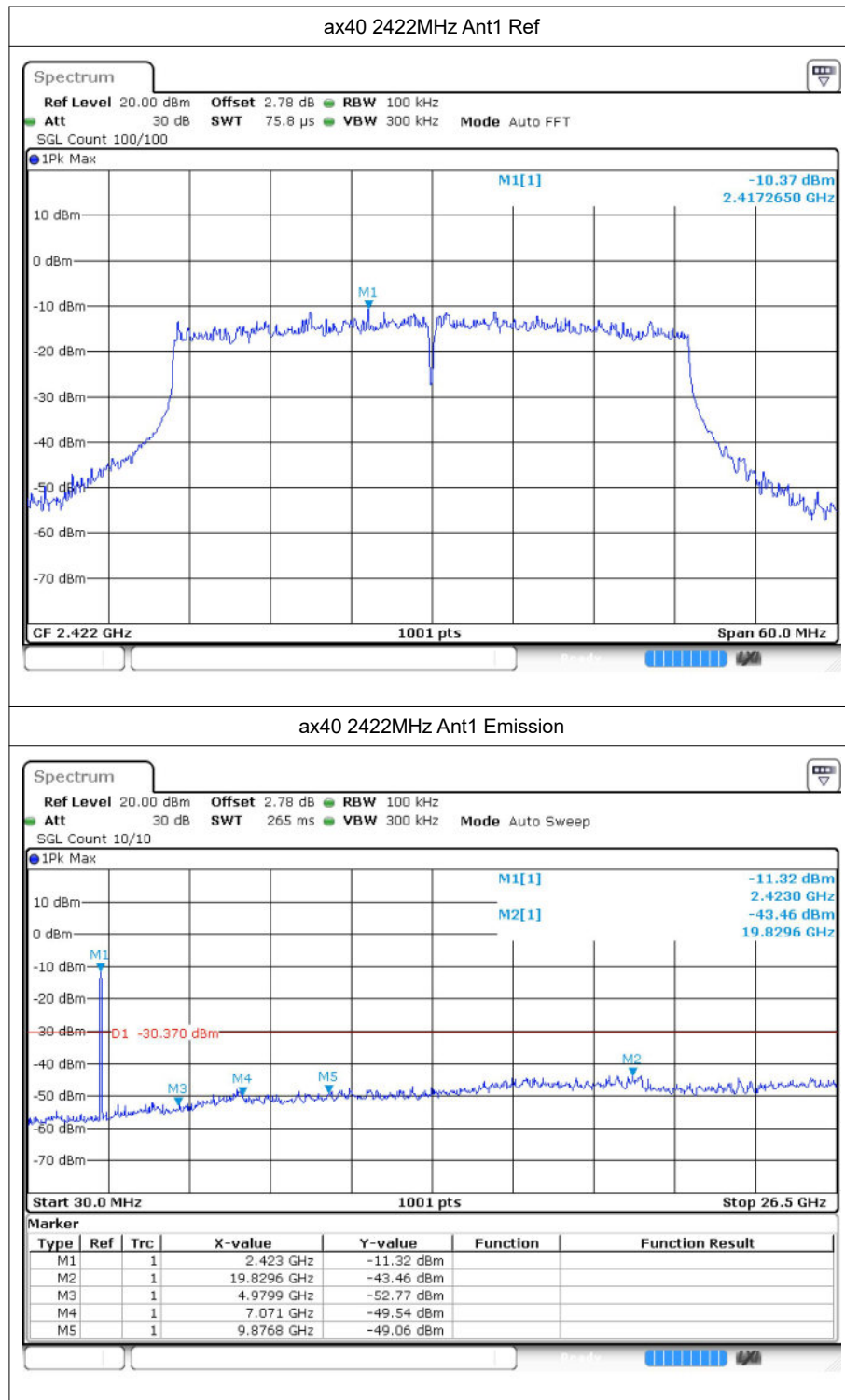


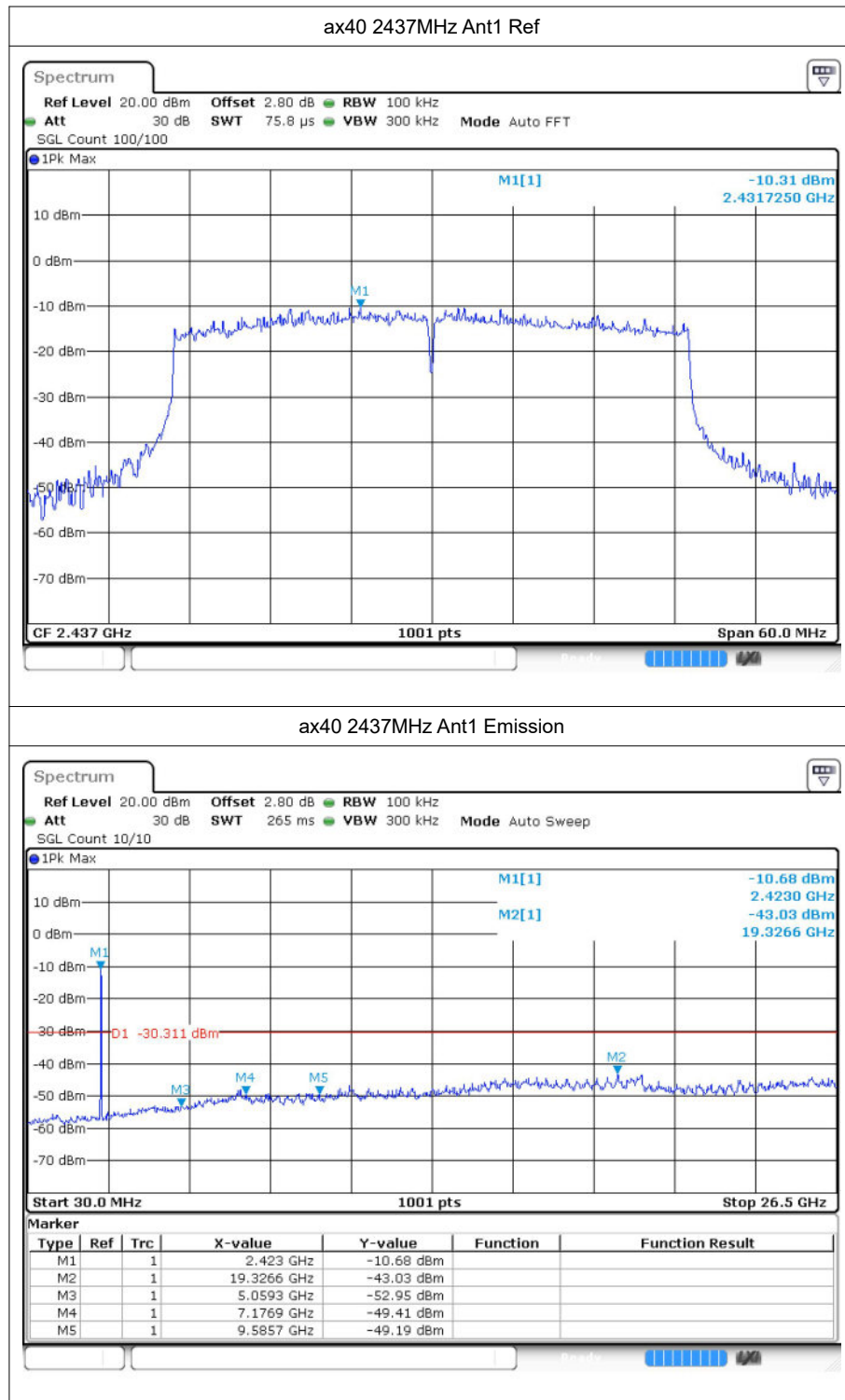


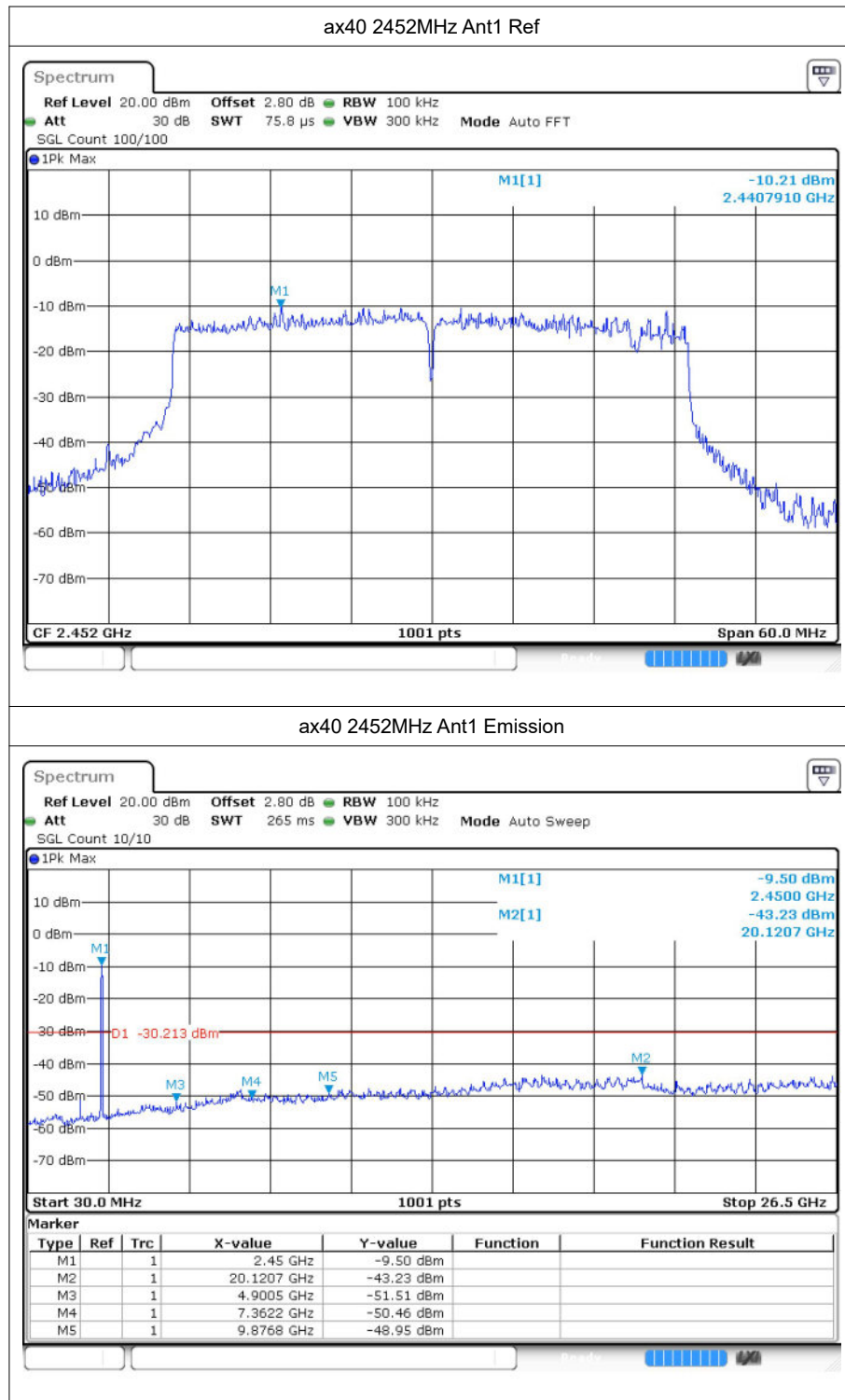
















## 7 Restrict Band

### 7.1 Test Result

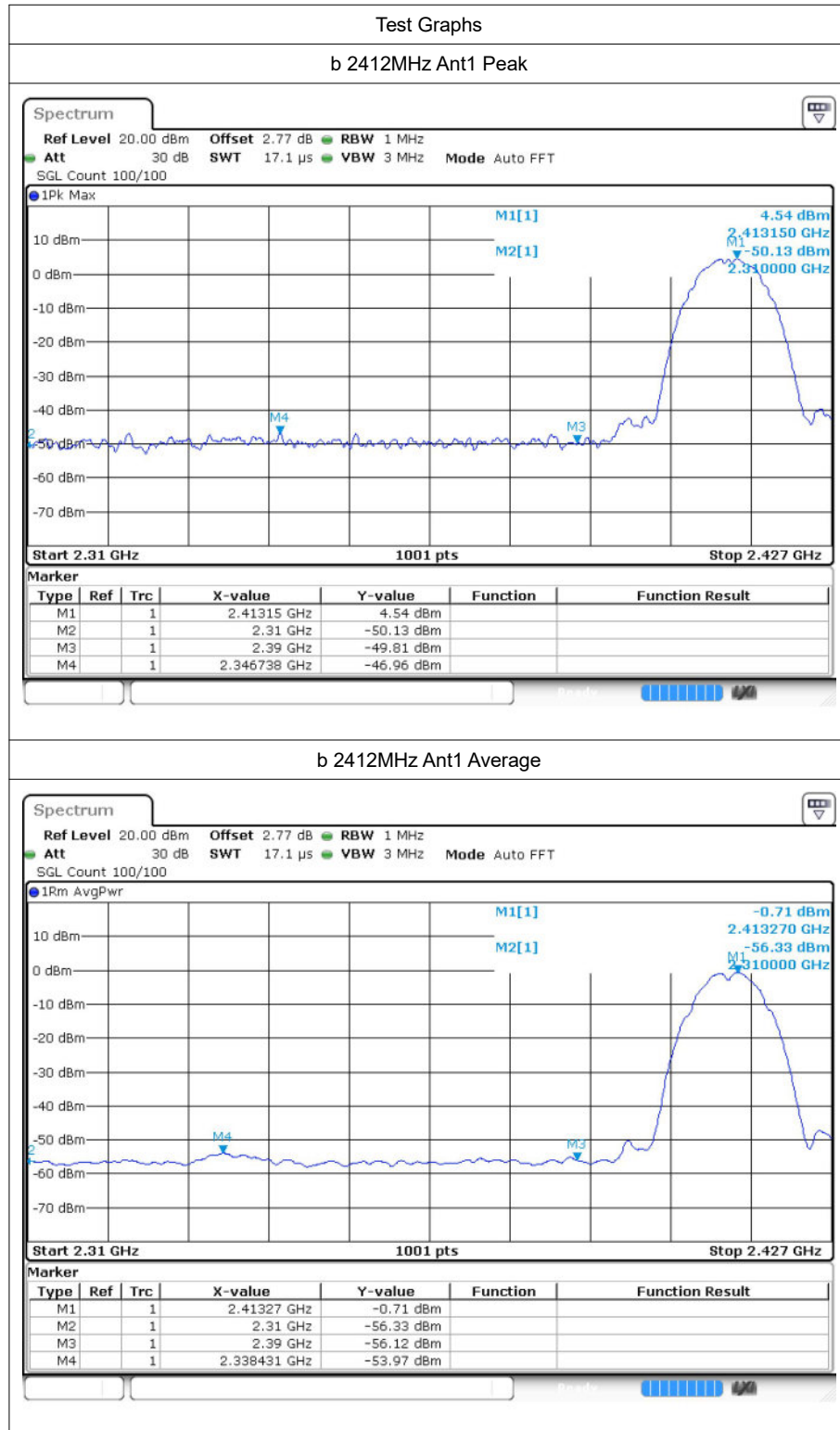
| Mode | Frequency (MHz) | Antenna | Spur Freq (MHz) | Power (dBm) | Gain (dBi) | Duty Factor | E (dBuV/m) | Detector | Limit (dBuV/m) | Verdict |
|------|-----------------|---------|-----------------|-------------|------------|-------------|------------|----------|----------------|---------|
| b    | 2412            | Ant1    | 2310            | -50.13      | 2          | -           | 47.13      | Peak     | 74             | Pass    |
| b    | 2412            | Ant1    | 2310            | -56.33      | 2          | 2.39        | 43.32      | Average  | 54             | Pass    |
| b    | 2412            | Ant1    | 2346.738        | -46.96      | 2          | -           | 50.3       | Peak     | 74             | Pass    |
| b    | 2412            | Ant1    | 2338.431        | -53.97      | 2          | 2.39        | 45.68      | Average  | 54             | Pass    |
| b    | 2412            | Ant1    | 2390            | -49.81      | 2          | -           | 47.45      | Peak     | 74             | Pass    |
| b    | 2412            | Ant1    | 2390            | -56.12      | 2          | 2.39        | 43.53      | Average  | 54             | Pass    |
| b    | 2462            | Ant1    | 2483.5          | -48.38      | 2          | -           | 48.88      | Peak     | 74             | 48.88   |
| b    | 2462            | Ant1    | 2483.5          | -57         | 2          | 2.27        | 42.53      | Average  | 54             | Pass    |
| b    | 2462            | Ant1    | 2490.248        | -44.53      | 2          | -           | 52.73      | Peak     | 74             | Pass    |
| b    | 2462            | Ant1    | 2499.205        | -55.21      | 2          | 2.27        | 44.32      | Average  | 54             | Pass    |
| b    | 2462            | Ant1    | 2500            | -48.18      | 2          | -           | 49.08      | Peak     | 74             | Pass    |
| b    | 2462            | Ant1    | 2500            | -55.89      | 2          | 2.27        | 43.64      | Average  | 54             | Pass    |
| g    | 2412            | Ant1    | 2310            | -51.27      | 2          | -           | 45.99      | Peak     | 74             | Pass    |
| g    | 2412            | Ant1    | 2310            | -57.49      | 2          | 7.87        | 47.64      | Average  | 54             | Pass    |
| g    | 2412            | Ant1    | 2389.911        | -44.66      | 2          | -           | 52.6       | Peak     | 74             | Pass    |
| g    | 2412            | Ant1    | 2389.911        | -52.48      | 2          | 7.87        | 52.65      | Average  | 54             | Pass    |
| g    | 2412            | Ant1    | 2390            | -44.34      | 2          | -           | 47.45      | Peak     | 74             | Pass    |
| g    | 2412            | Ant1    | 2390            | -52.43      | 2          | 7.87        | 52.7       | Average  | 54             | Pass    |
| g    | 2462            | Ant1    | 2483.5          | -43.32      | 2          | -           | 53.94      | Peak     | 74             | Pass    |
| g    | 2462            | Ant1    | 2483.5          | -51.58      | 2          | 7.87        | 53.55      | Average  | 54             | Pass    |
| g    | 2462            | Ant1    | 2490.248        | -43.04      | 2          | -           | 54.22      | Peak     | 74             | Pass    |
| g    | 2462            | Ant1    | 2483.517        | -51.57      | 2          | 7.87        | 53.56      | Average  | 54             | Pass    |
| g    | 2462            | Ant1    | 2500            | -49.58      | 2          | -           | 49.08      | Peak     | 74             | Pass    |
| g    | 2462            | Ant1    | 2500            | -56.11      | 2          | 7.87        | 49.02      | Average  | 54             | Pass    |
| n20  | 2412            | Ant1    | 2310            | -50.73      | 2          | -           | 46.53      | Peak     | 74             | Pass    |
| n20  | 2412            | Ant1    | 2310            | -56.8       | 2          | 7.66        | 48.12      | Average  | 54             | Pass    |
| n20  | 2412            | Ant1    | 2389.911        | -44.96      | 2          | -           | 52.3       | Peak     | 74             | Pass    |
| n20  | 2412            | Ant1    | 2339.367        | -54.25      | 2          | 7.66        | 50.67      | Average  | 54             | Pass    |
| n20  | 2412            | Ant1    | 2390            | -44.79      | 2          | -           | 52.47      | Peak     | 74             | Pass    |
| n20  | 2412            | Ant1    | 2390            | -54.54      | 2          | 7.66        | 50.38      | Average  | 54             | Pass    |
| n20  | 2462            | Ant1    | 2483.5          | -42.78      | 2          | -           | 54.48      | Peak     | 74             | Pass    |
| n20  | 2462            | Ant1    | 2483.5          | -52.89      | 2          | 8.18        | 52.55      | Average  | 54             | Pass    |
| n20  | 2462            | Ant1    | 2483.517        | -42.78      | 2          | -           | 54.48      | Peak     | 74             | Pass    |
| n20  | 2462            | Ant1    | 2483.517        | -52.88      | 2          | 8.18        | 52.56      | Average  | 54             | Pass    |

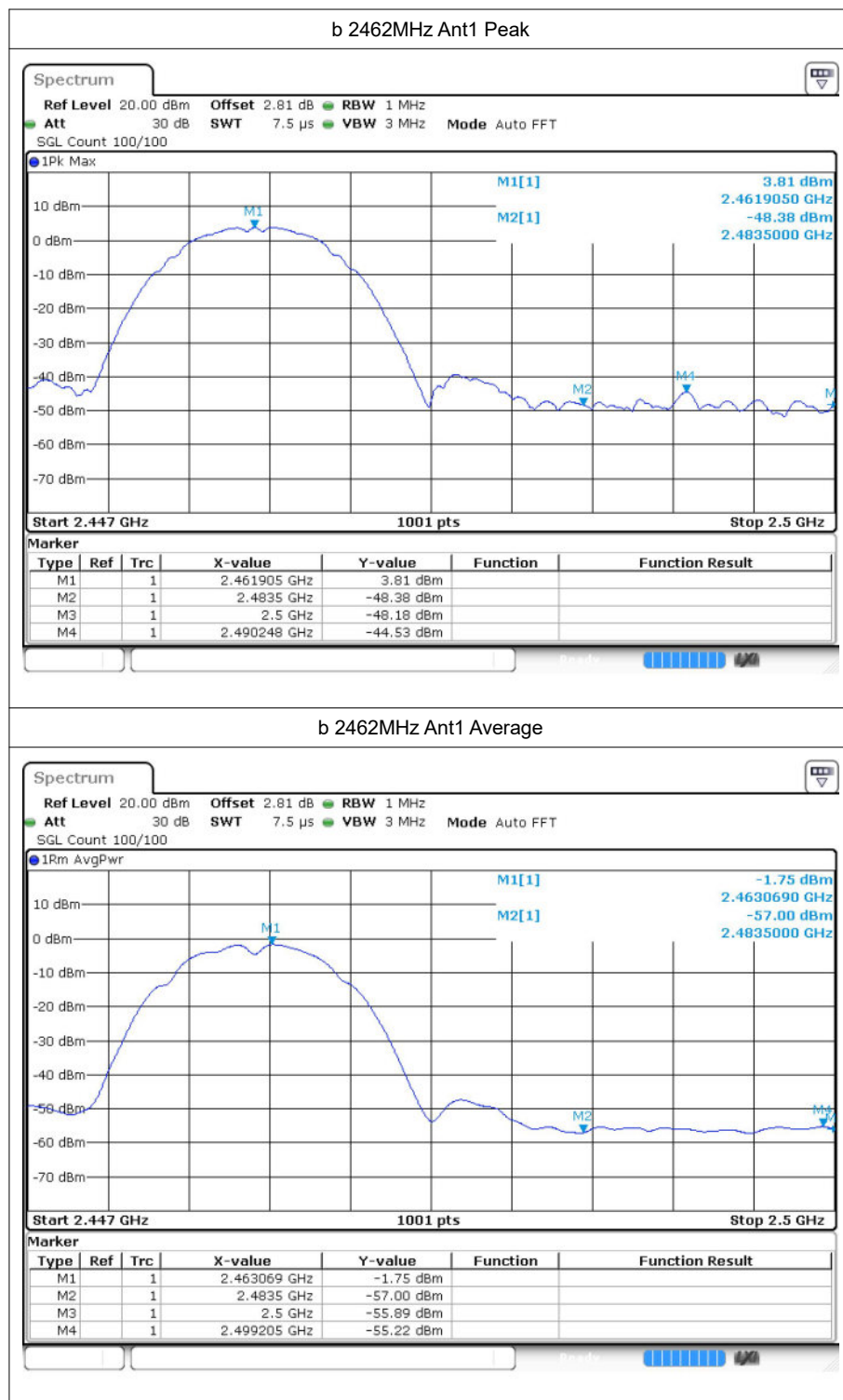


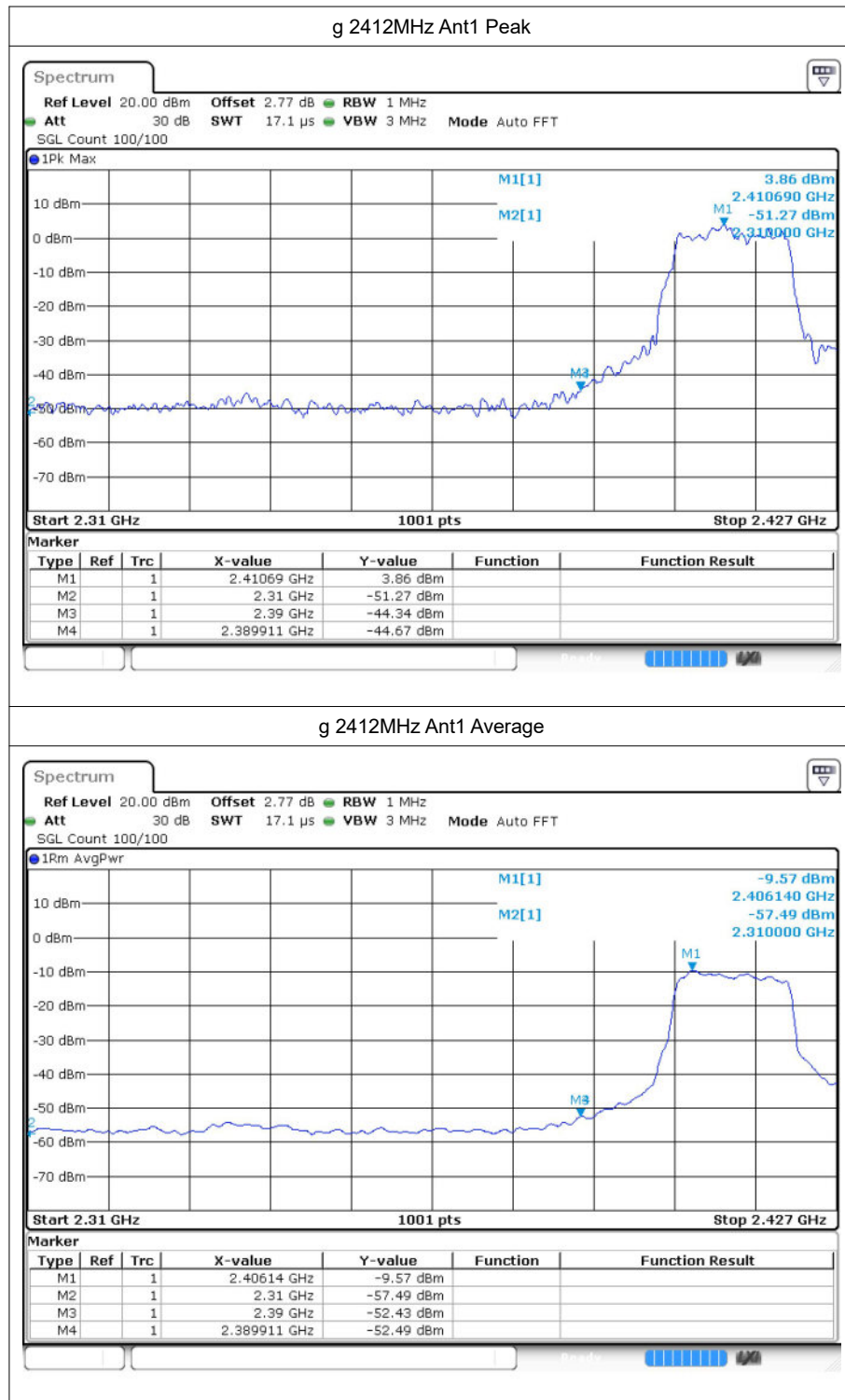


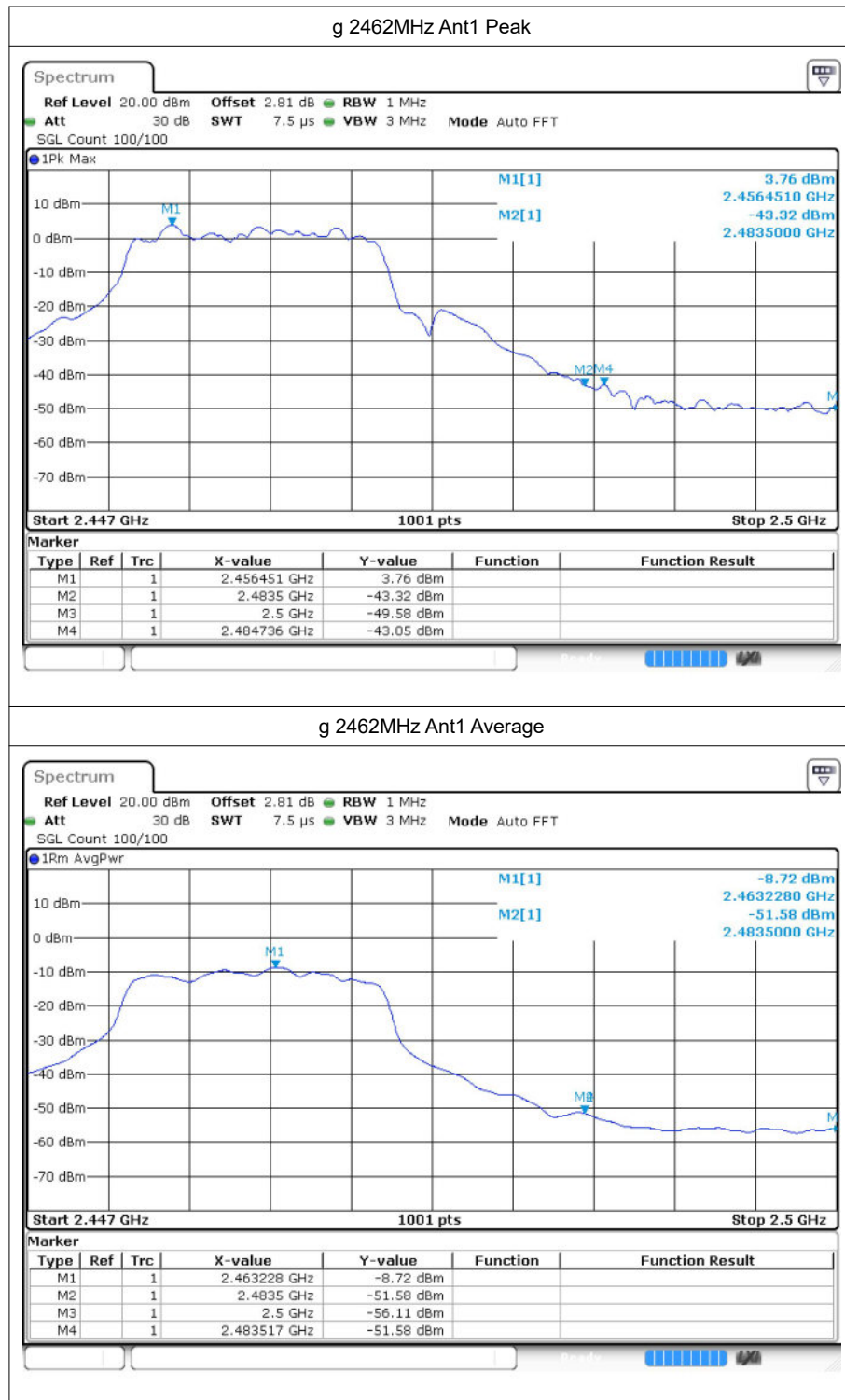
|      |      |      |          |        |   |      |       |         |    |      |
|------|------|------|----------|--------|---|------|-------|---------|----|------|
| n20  | 2462 | Ant1 | 2500     | -48    | 2 | -    | 49.26 | Peak    | 74 | Pass |
| n20  | 2462 | Ant1 | 2500     | -56.56 | 2 | 8.18 | 48.88 | Average | 54 | Pass |
| n40  | 2422 | Ant1 | 2310     | -49.03 | 2 | -    | 48.23 | Peak    | 74 | Pass |
| n40  | 2422 | Ant1 | 2310     | -57.06 | 2 | 5.31 | 45.51 | Average | 54 | Pass |
| n40  | 2422 | Ant1 | 2379.296 | -39.3  | 2 | -    | 57.96 | Peak    | 74 | Pass |
| n40  | 2422 | Ant1 | 2389.946 | -52.66 | 2 | 5.31 | 49.91 | Average | 54 | Pass |
| n40  | 2422 | Ant1 | 2390     | -41.68 | 2 | -    | 55.58 | Peak    | 74 | Pass |
| n40  | 2422 | Ant1 | 2390     | -52.67 | 2 | 5.31 | 49.9  | Average | 54 | Pass |
| n40  | 2452 | Ant1 | 2483.5   | -38.27 | 2 | -    | 58.99 | Peak    | 74 | Pass |
| n40  | 2452 | Ant1 | 2483.5   | -49.69 | 2 | 4.64 | 52.21 | Average | 54 | Pass |
| n40  | 2452 | Ant1 | 2485.804 | -38.17 | 2 | -    | 59.09 | Peak    | 74 | Pass |
| n40  | 2452 | Ant1 | 2483.62  | -49.67 | 2 | 4.64 | 52.23 | Average | 54 | Pass |
| n40  | 2452 | Ant1 | 2500     | -44.35 | 2 | -    | 52.91 | Peak    | 74 | Pass |
| n40  | 2452 | Ant1 | 2500     | -53.98 | 2 | 4.64 | 47.92 | Average | 54 | Pass |
| ax20 | 2412 | Ant1 | 2310     | -50.64 | 2 | -    | 46.62 | Peak    | 74 | Pass |
| ax20 | 2412 | Ant1 | 2310     | -56.13 | 2 | 8.78 | 49.91 | Average | 54 | Pass |
| ax20 | 2412 | Ant1 | 2389.794 | -43.57 | 2 | -    | 53.69 | Peak    | 74 | Pass |
| ax20 | 2412 | Ant1 | 2339.601 | -54.3  | 2 | 8.78 | 51.74 | Average | 54 | Pass |
| ax20 | 2412 | Ant1 | 2390     | -44.12 | 2 | -    | 53.14 | Peak    | 74 | Pass |
| ax20 | 2412 | Ant1 | 2390     | -54.74 | 2 | 8.78 | 51.3  | Average | 54 | Pass |
| ax20 | 2462 | Ant1 | 2483.5   | -46.68 | 2 | -    | 50.58 | Peak    | 74 | Pass |
| ax20 | 2462 | Ant1 | 2483.5   | -55.47 | 2 | 8.78 | 50.57 | Average | 54 | Pass |
| ax20 | 2462 | Ant1 | 2487.492 | -46.1  | 2 | -    | 51.16 | Peak    | 74 | Pass |
| ax20 | 2462 | Ant1 | 2484.842 | -55.28 | 2 | 8.78 | 50.76 | Average | 54 | Pass |
| ax20 | 2462 | Ant1 | 2500     | -49.37 | 2 | -    | 47.89 | Peak    | 74 | Pass |
| ax20 | 2462 | Ant1 | 2500     | -55.63 | 2 | 8.78 | 50.41 | Average | 54 | Pass |
| ax40 | 2422 | Ant1 | 2310     | -49.85 | 2 | -    | 47.41 | Peak    | 74 | Pass |
| ax40 | 2422 | Ant1 | 2310     | -57.06 | 2 | 5.33 | 45.53 | Average | 54 | Pass |
| ax40 | 2422 | Ant1 | 2385.402 | -43.98 | 2 | -    | 53.28 | Peak    | 74 | Pass |
| ax40 | 2422 | Ant1 | 2342.518 | -54.09 | 2 | 5.33 | 48.5  | Average | 54 | Pass |
| ax40 | 2422 | Ant1 | 2390     | -44.61 | 2 | -    | 52.65 | Peak    | 74 | Pass |
| ax40 | 2422 | Ant1 | 2390     | -54.19 | 2 | 5.33 | 48.4  | Average | 54 | Pass |
| ax40 | 2452 | Ant1 | 2483.5   | -42.95 | 2 | -    | 54.31 | Peak    | 74 | Pass |
| ax40 | 2452 | Ant1 | 2483.5   | -53.27 | 2 | 5.66 | 49.65 | Average | 54 | Pass |
| ax40 | 2452 | Ant1 | 2484.79  | -40.37 | 2 | -    | 56.89 | Peak    | 74 | Pass |
| ax40 | 2452 | Ant1 | 2484.712 | -52.61 | 2 | 5.66 | 50.31 | Average | 54 | Pass |
| ax40 | 2452 | Ant1 | 2500     | -47.44 | 2 | -    | 49.82 | Peak    | 74 | Pass |
| ax40 | 2452 | Ant1 | 2500     | -55.52 | 2 | 5.66 | 47.4  | Average | 54 | Pass |

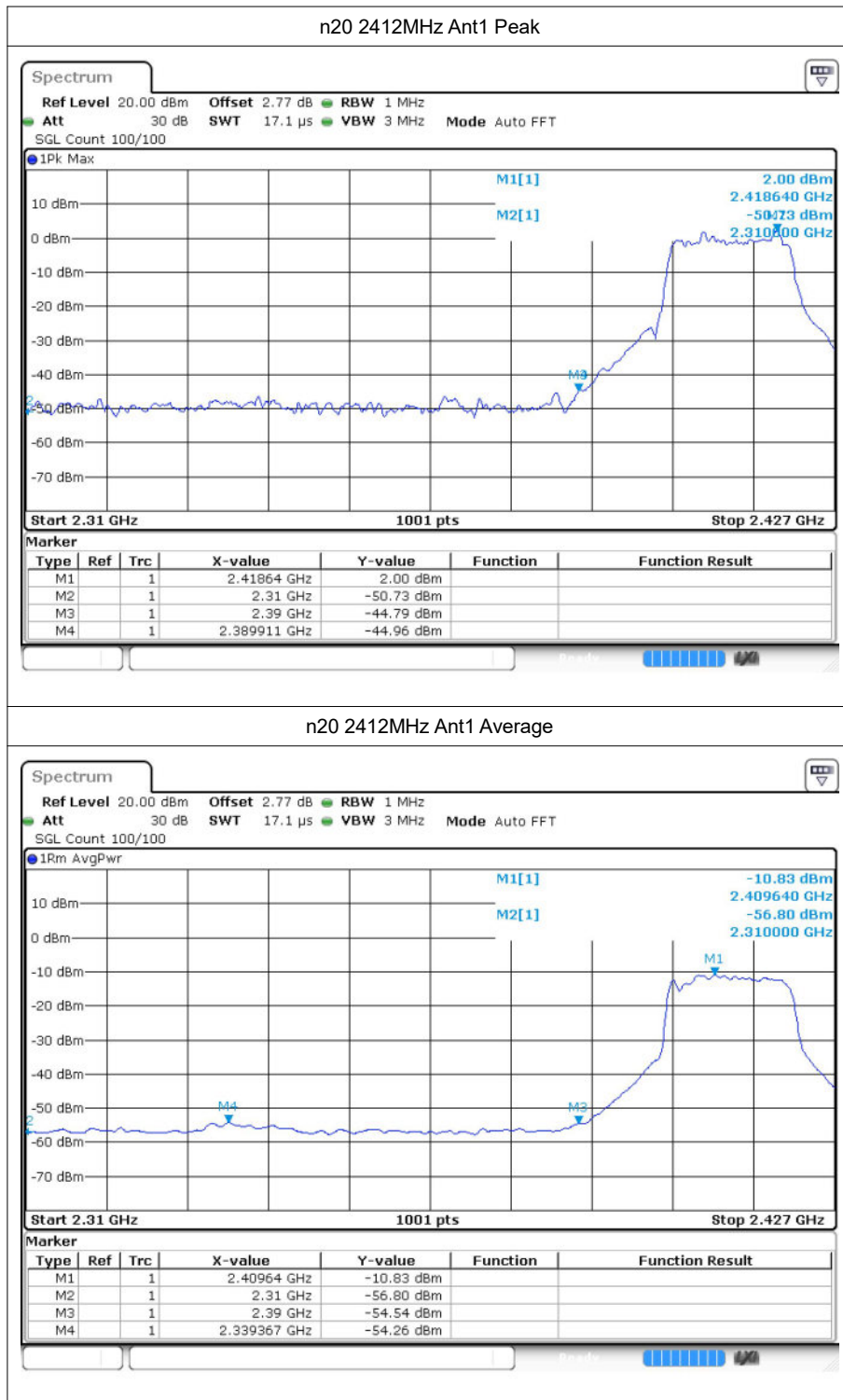
## 7.2 Test Graphs

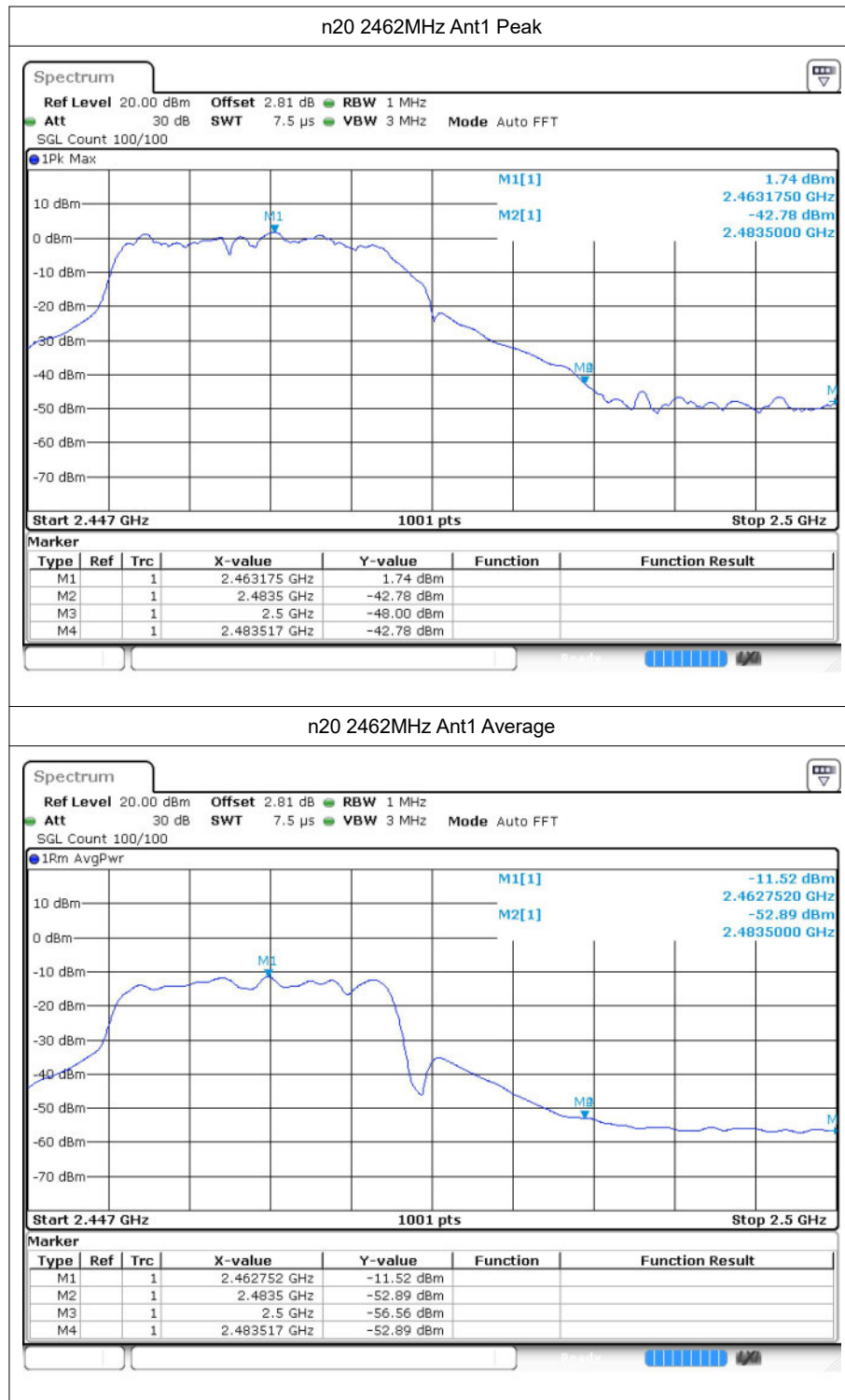




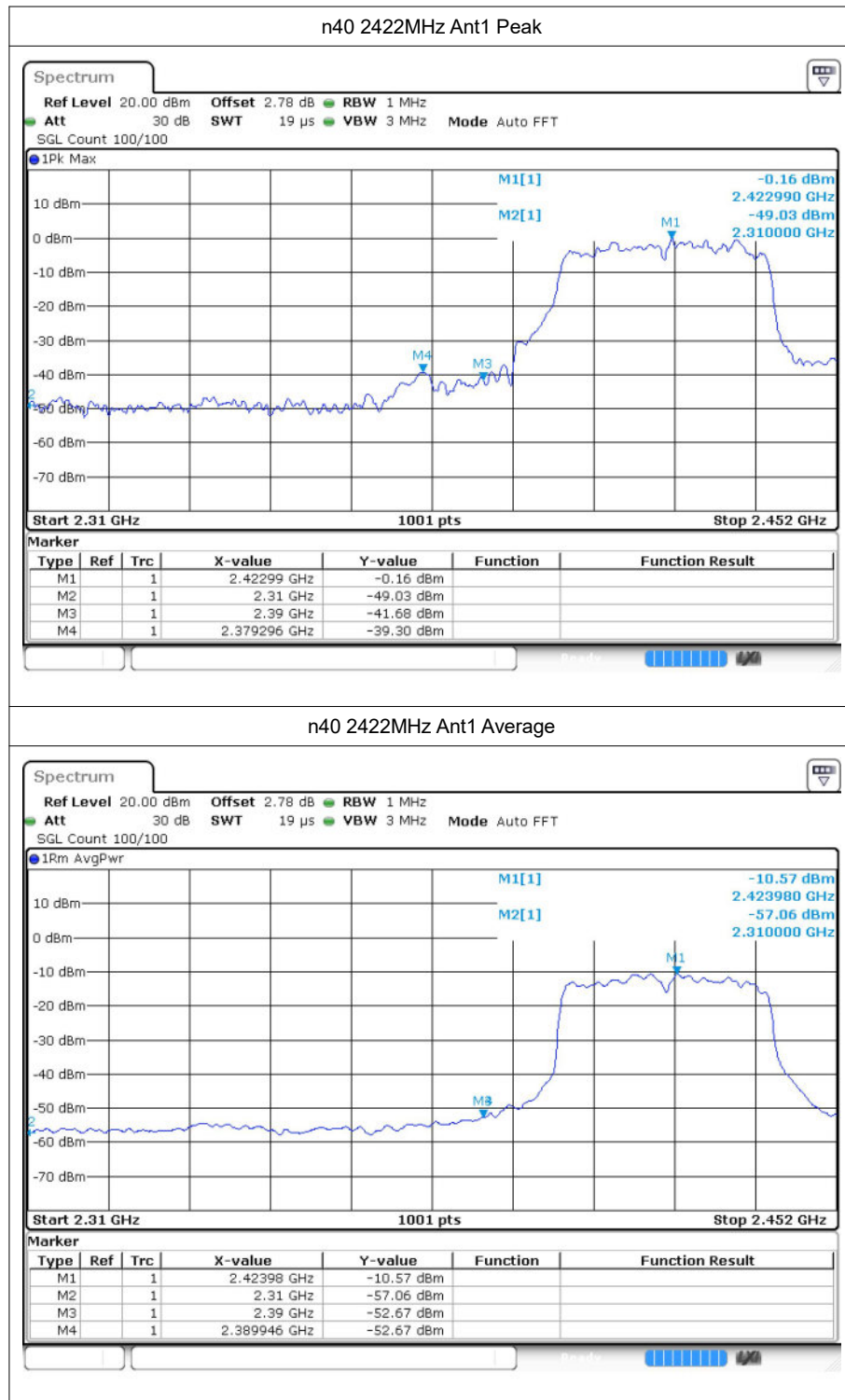




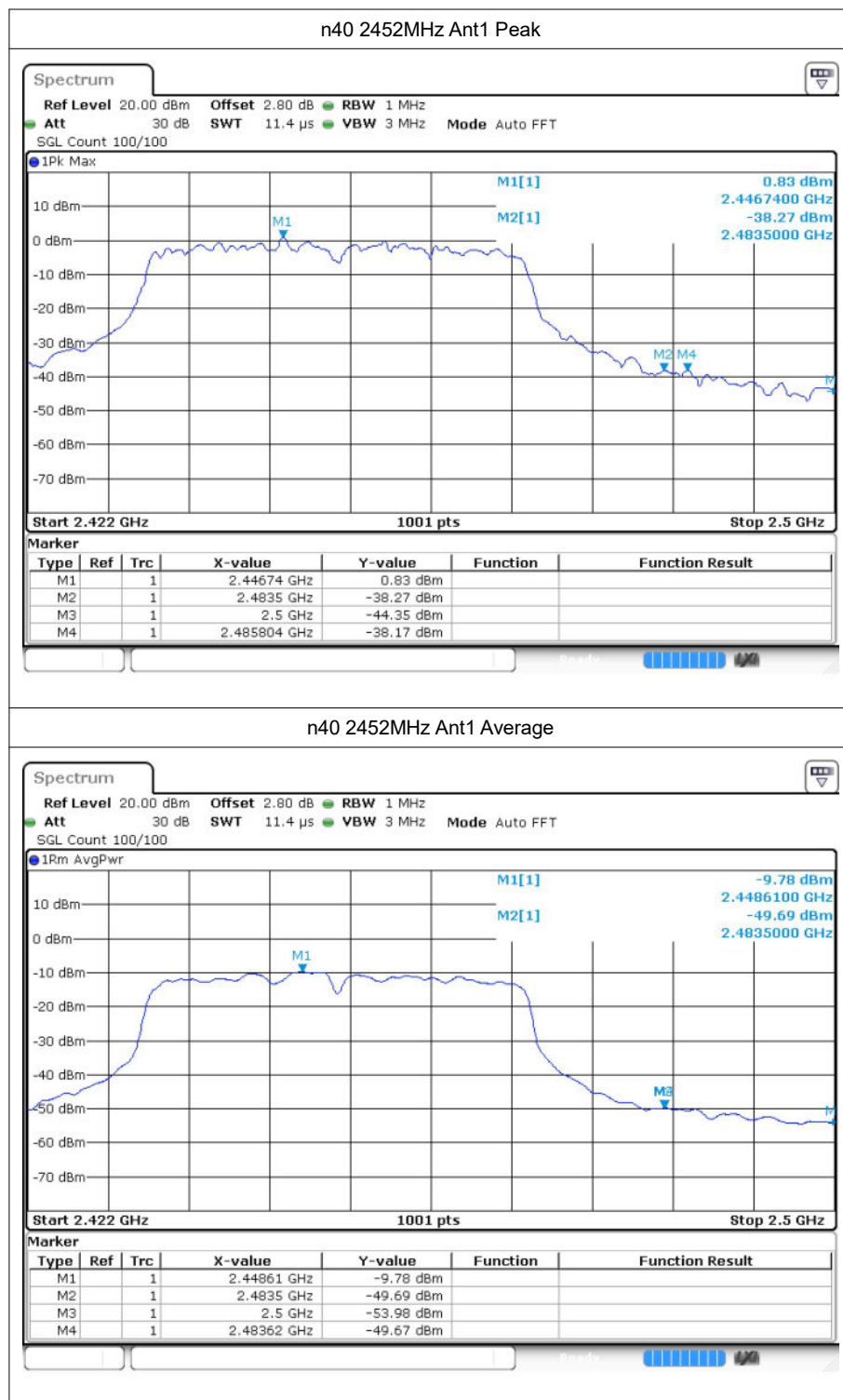


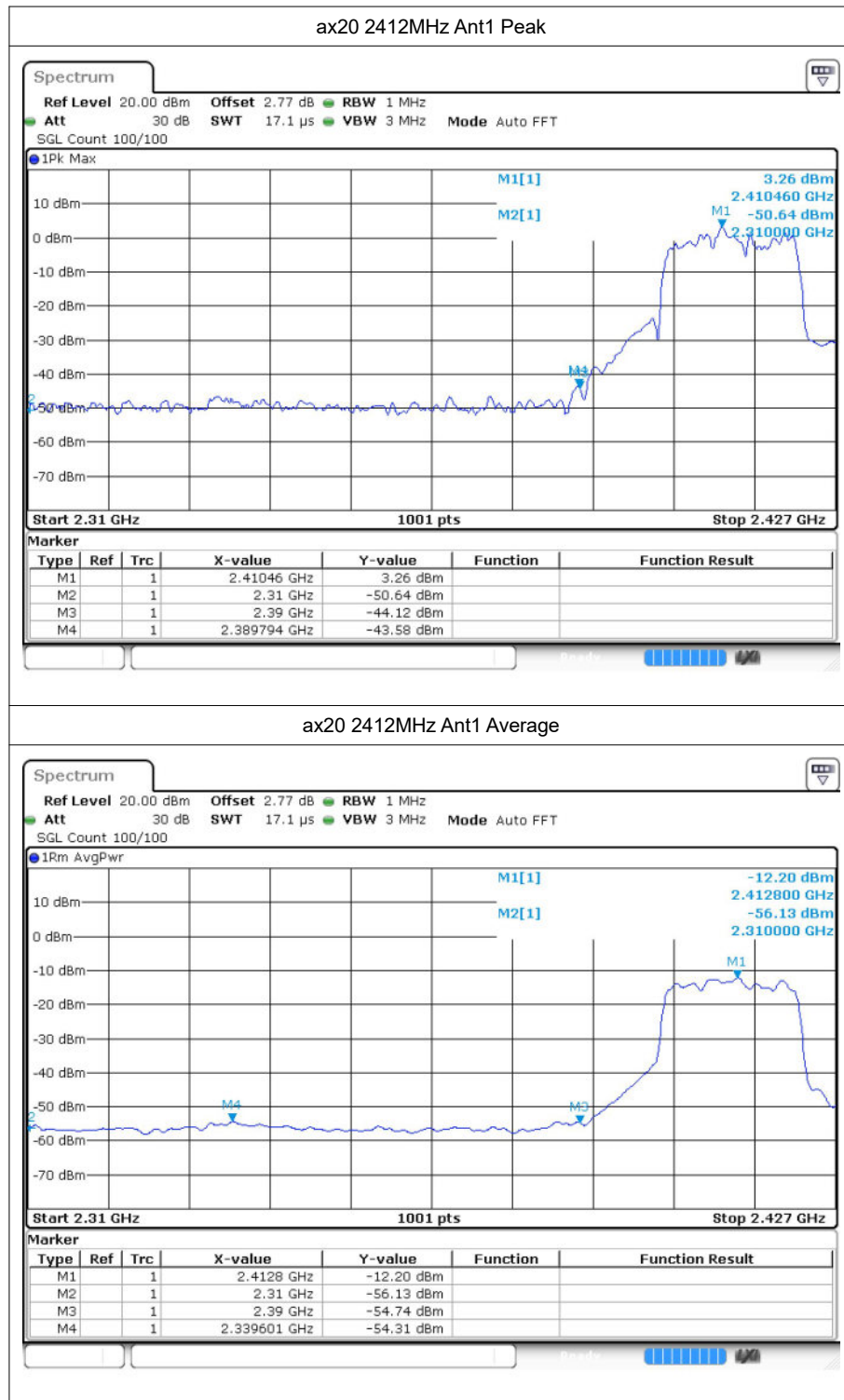


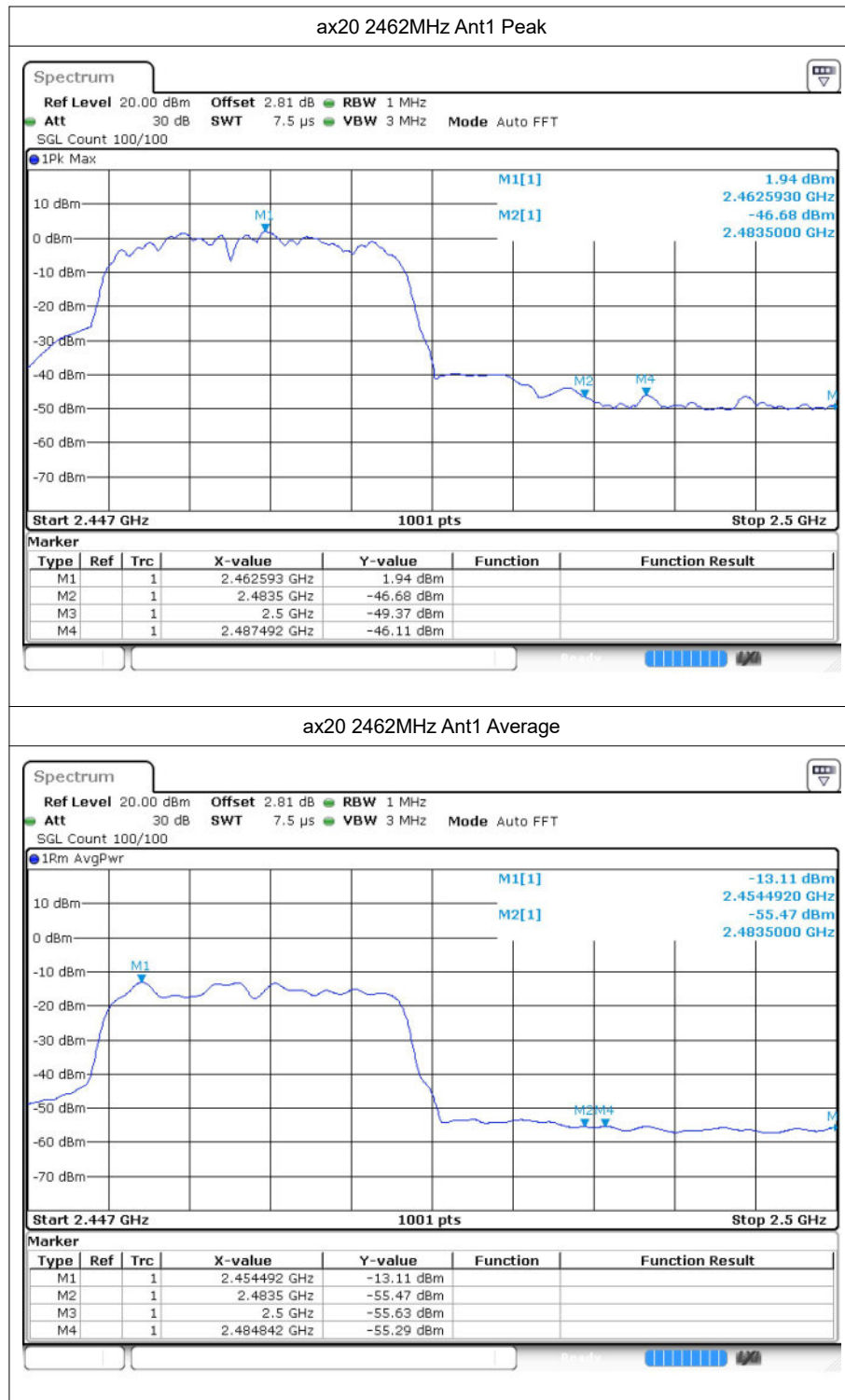


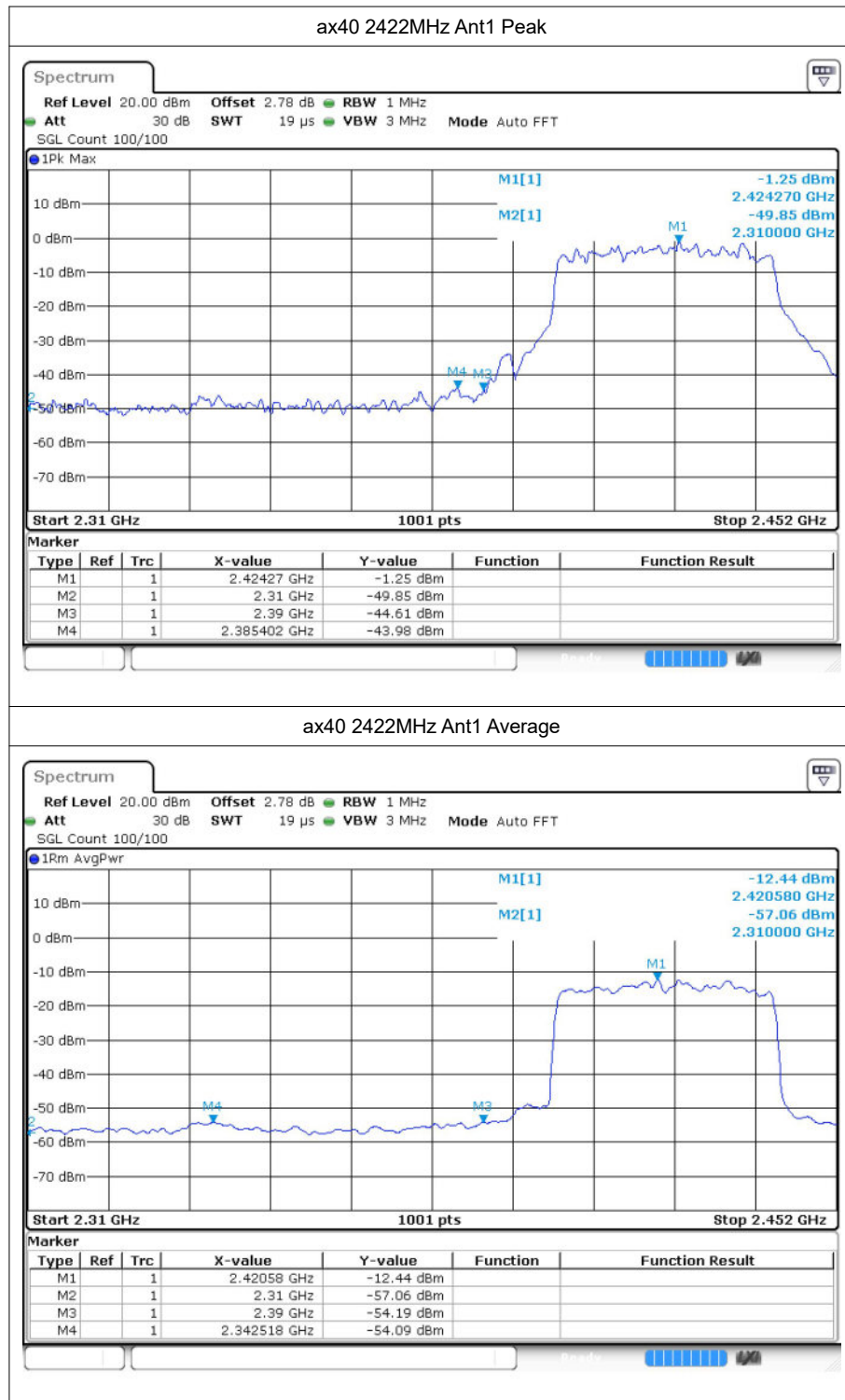


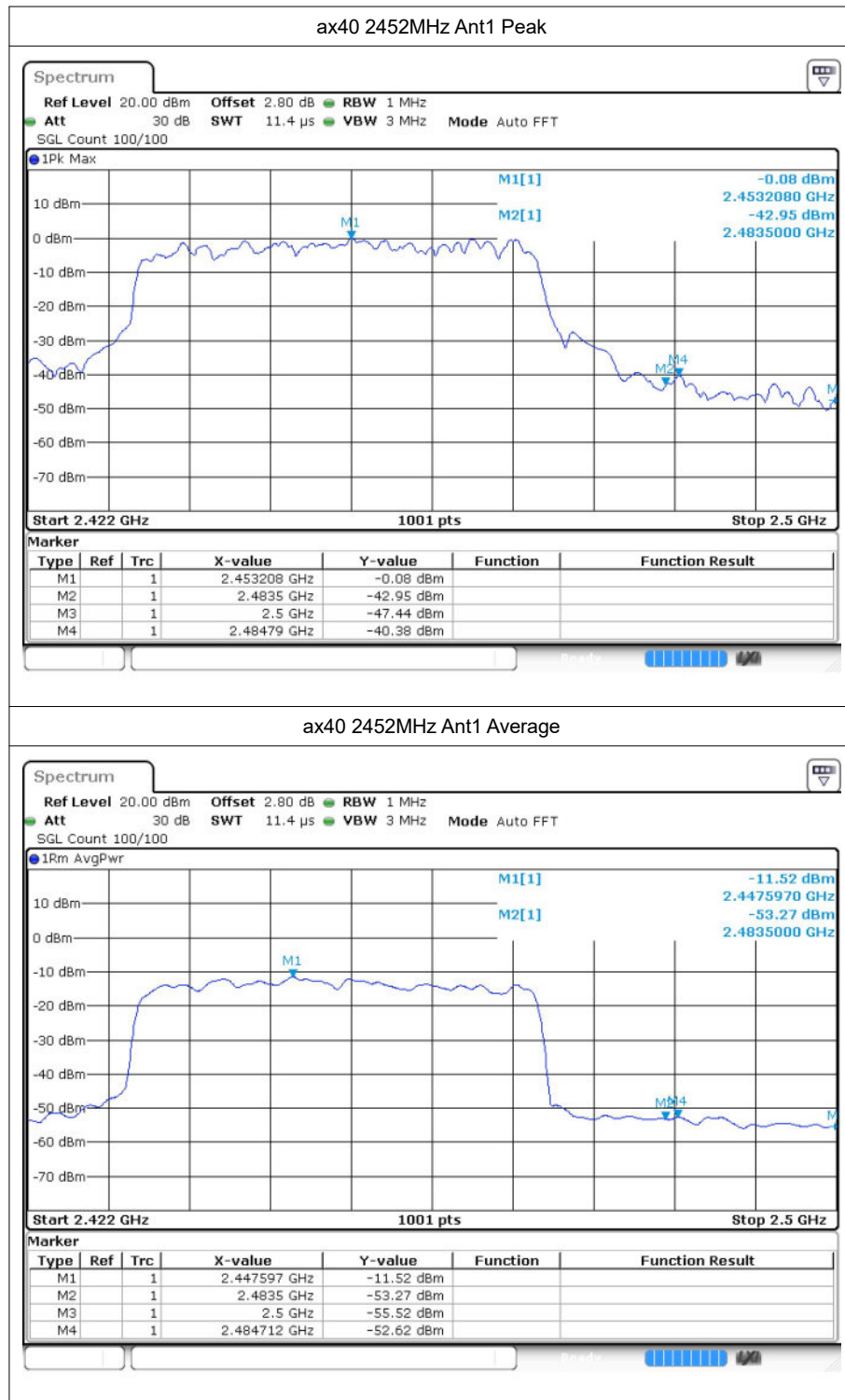












---The End---