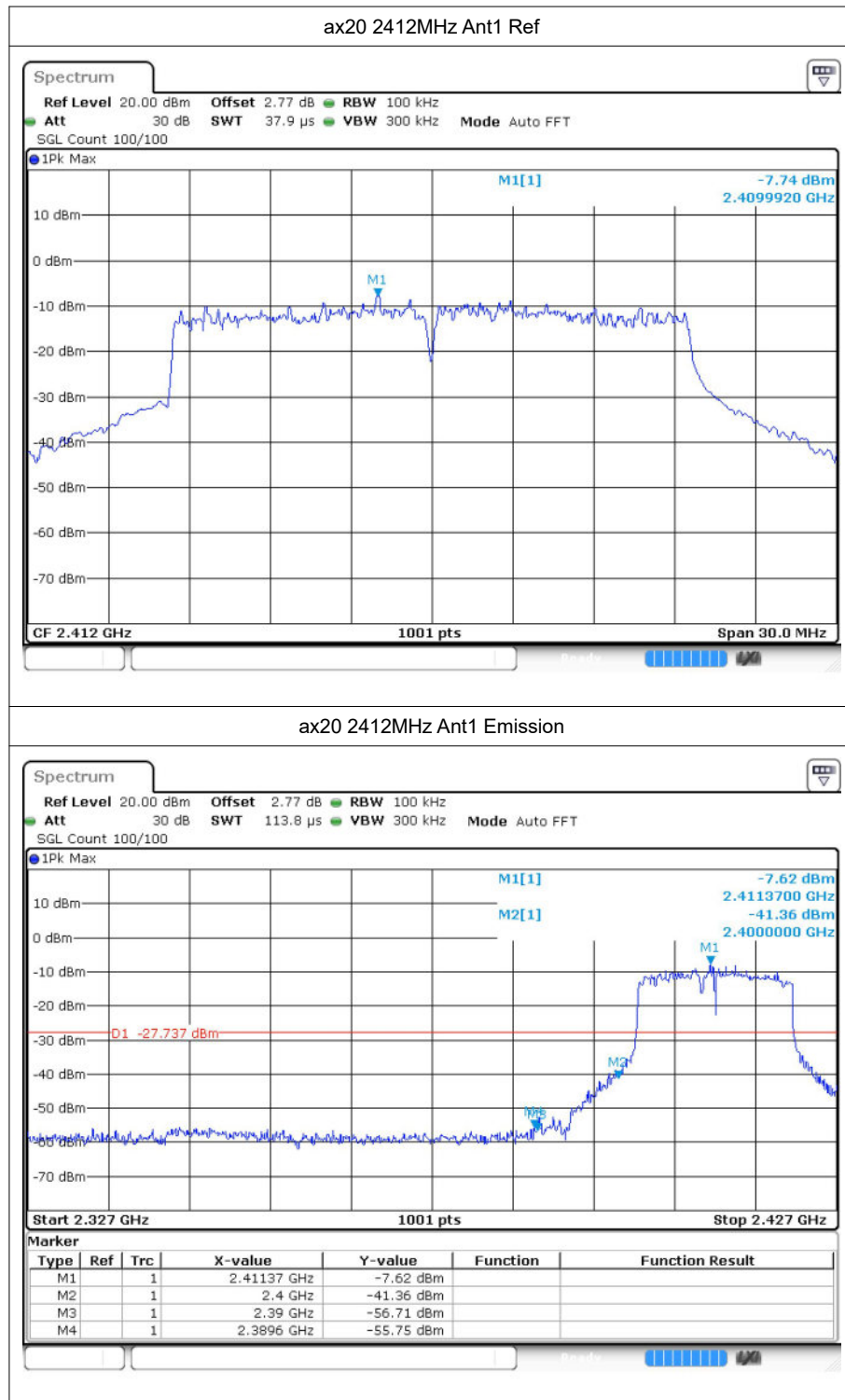
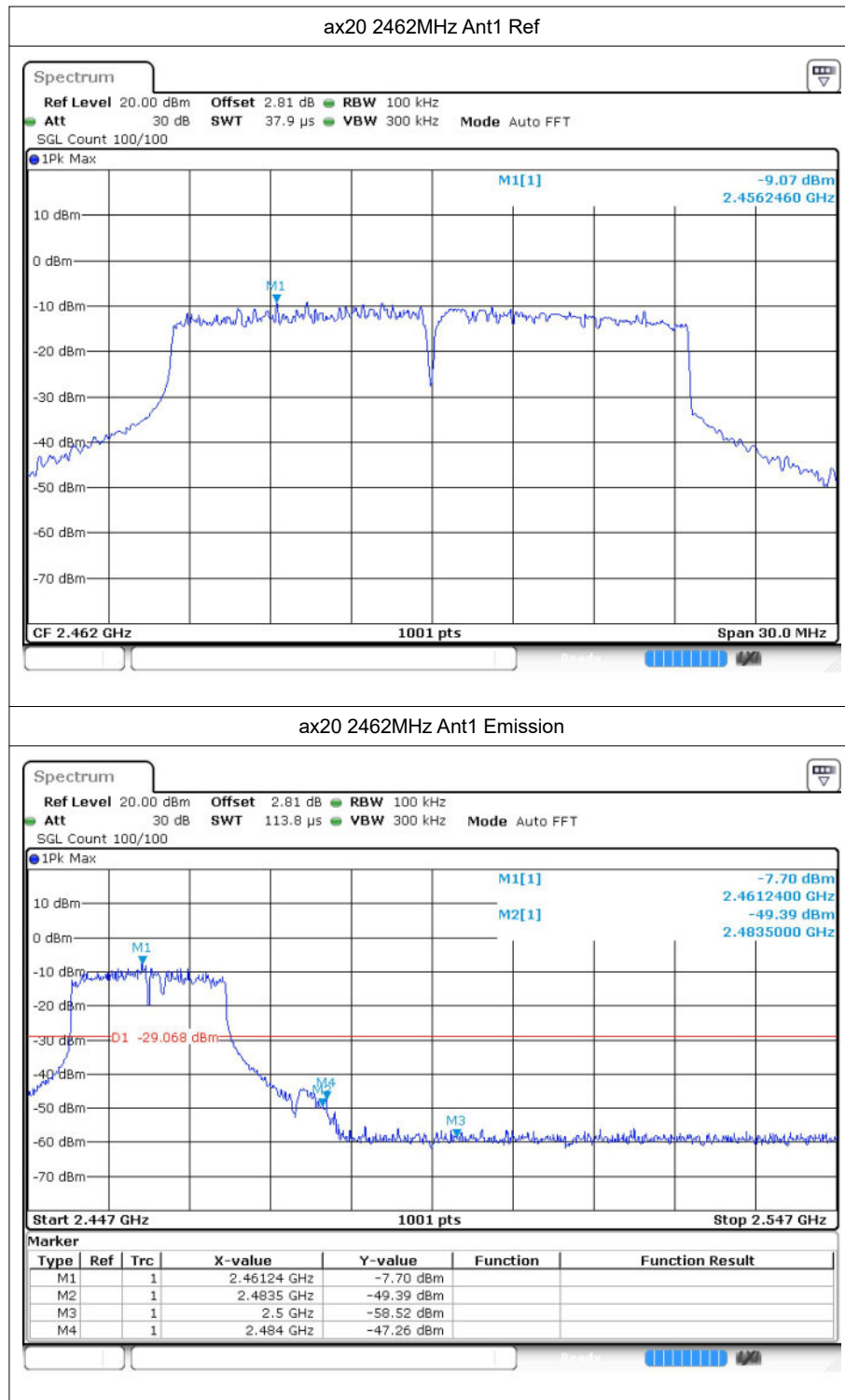
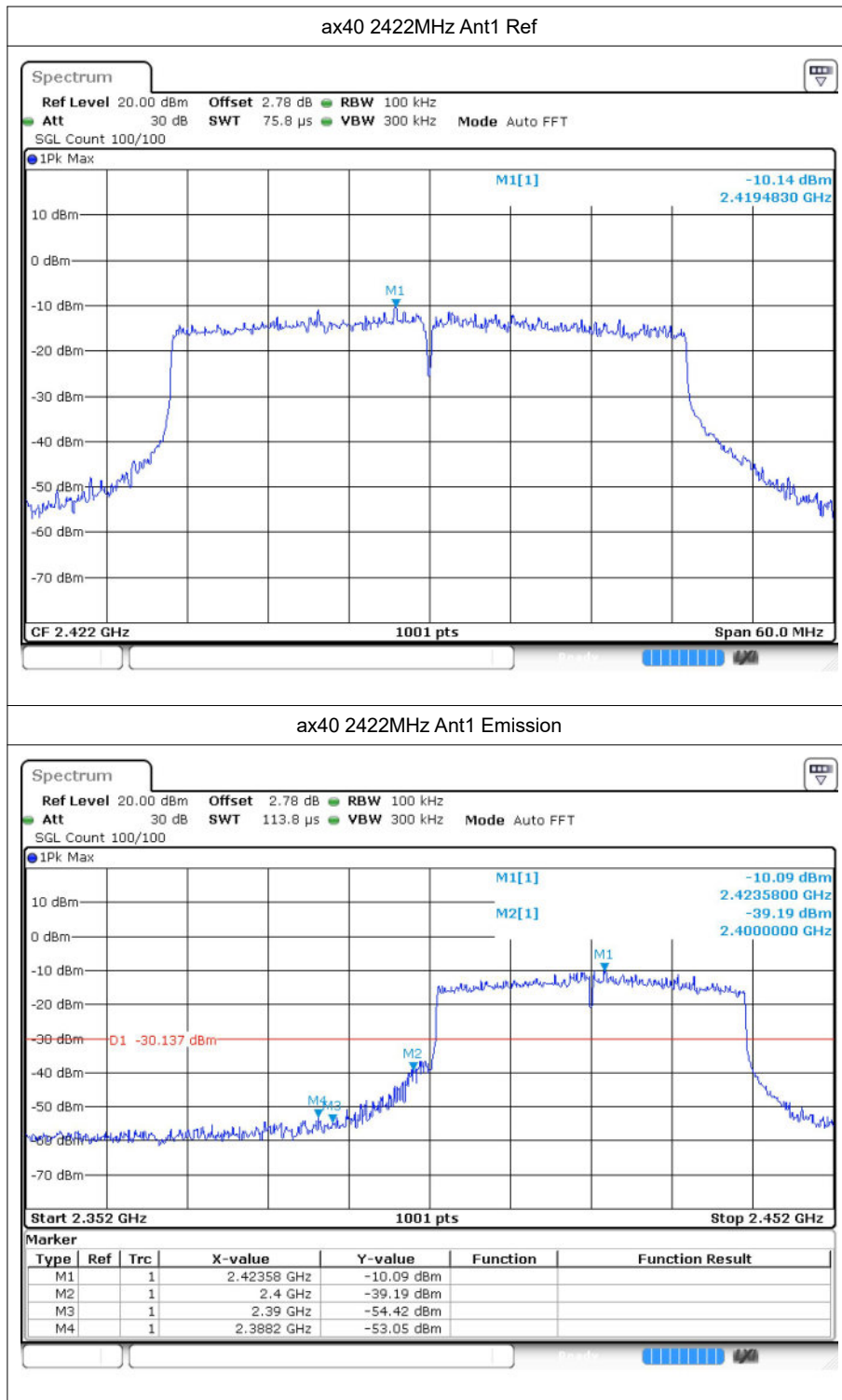
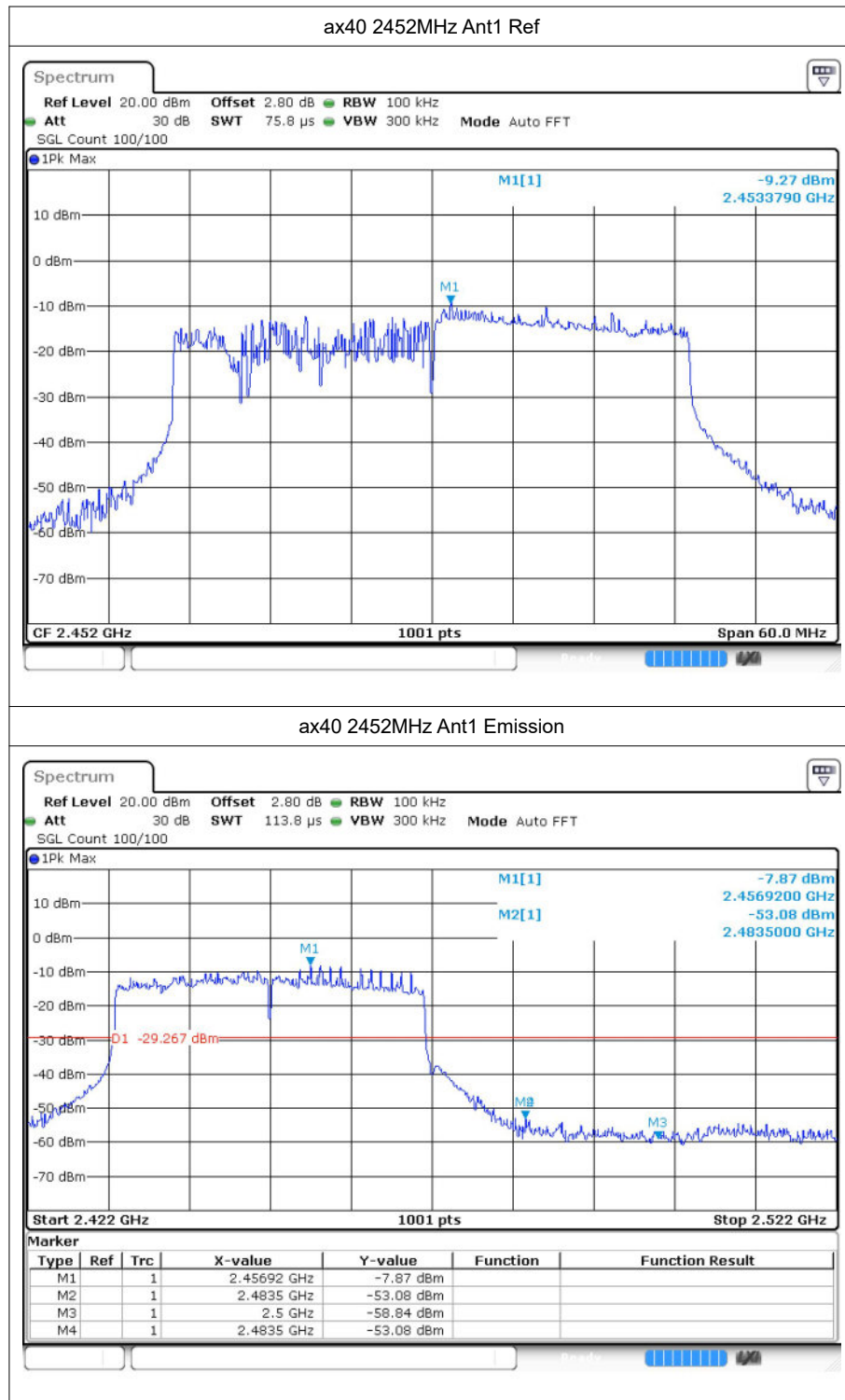










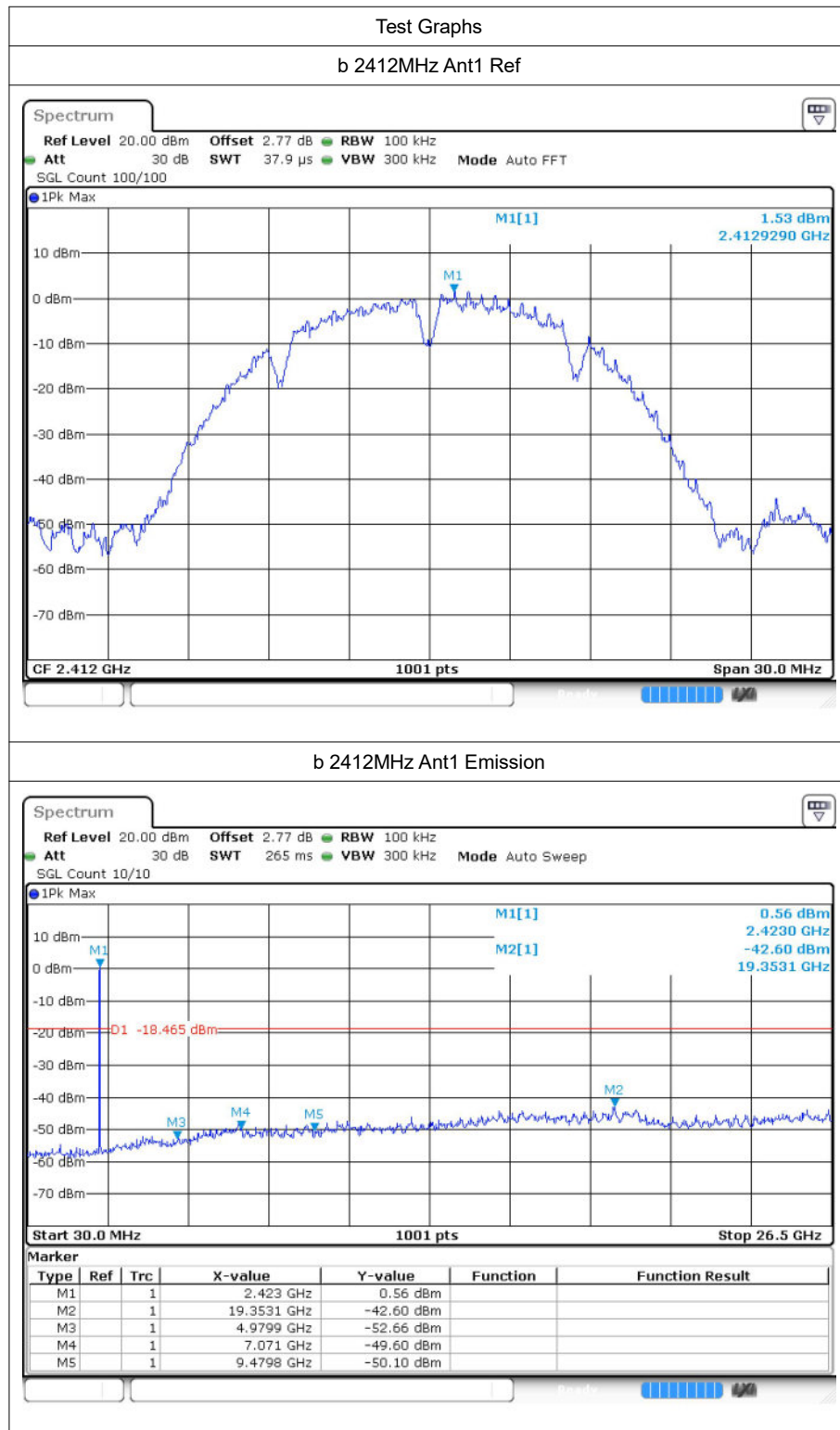


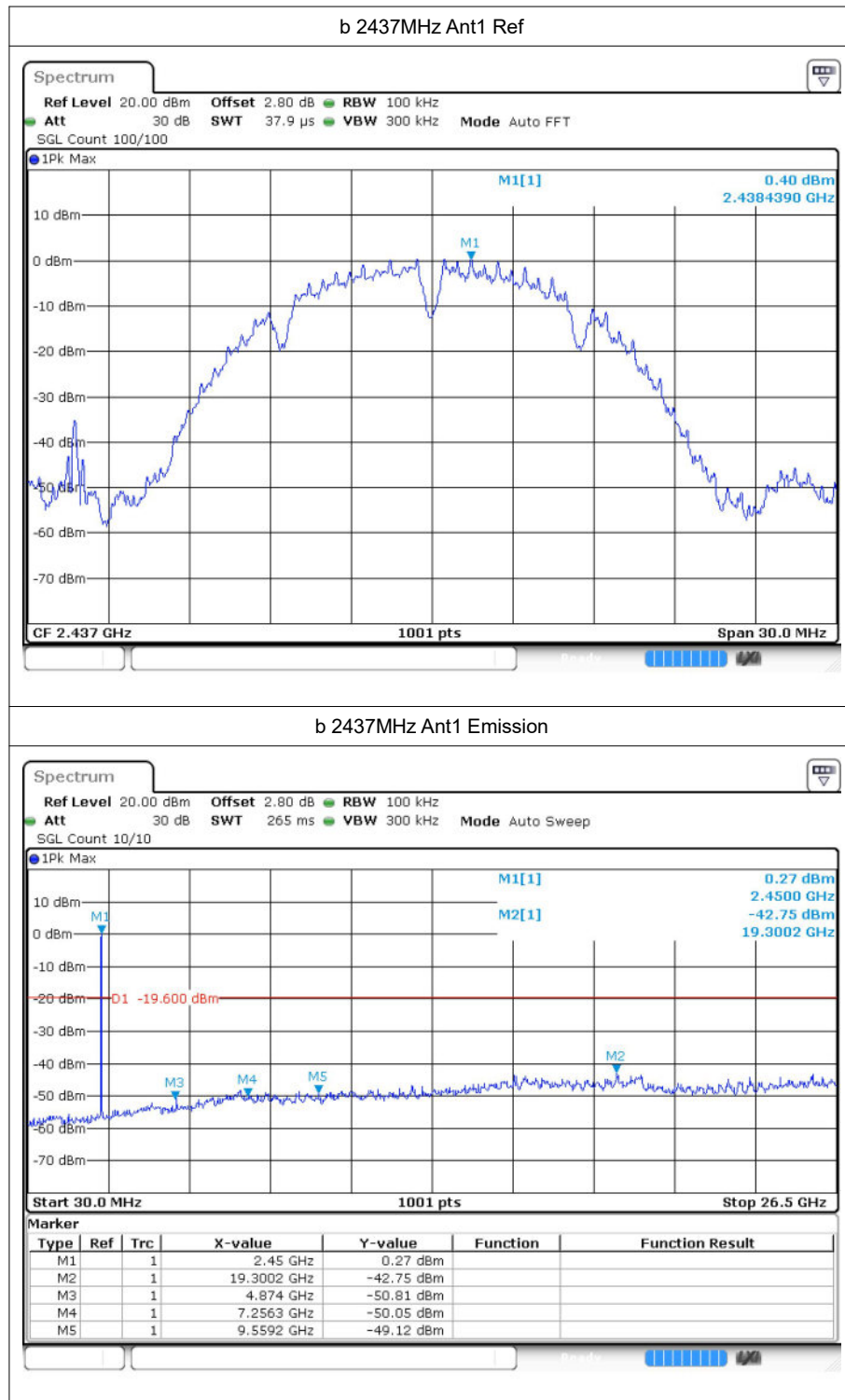
## 6 Conducted RF Spurious Emission

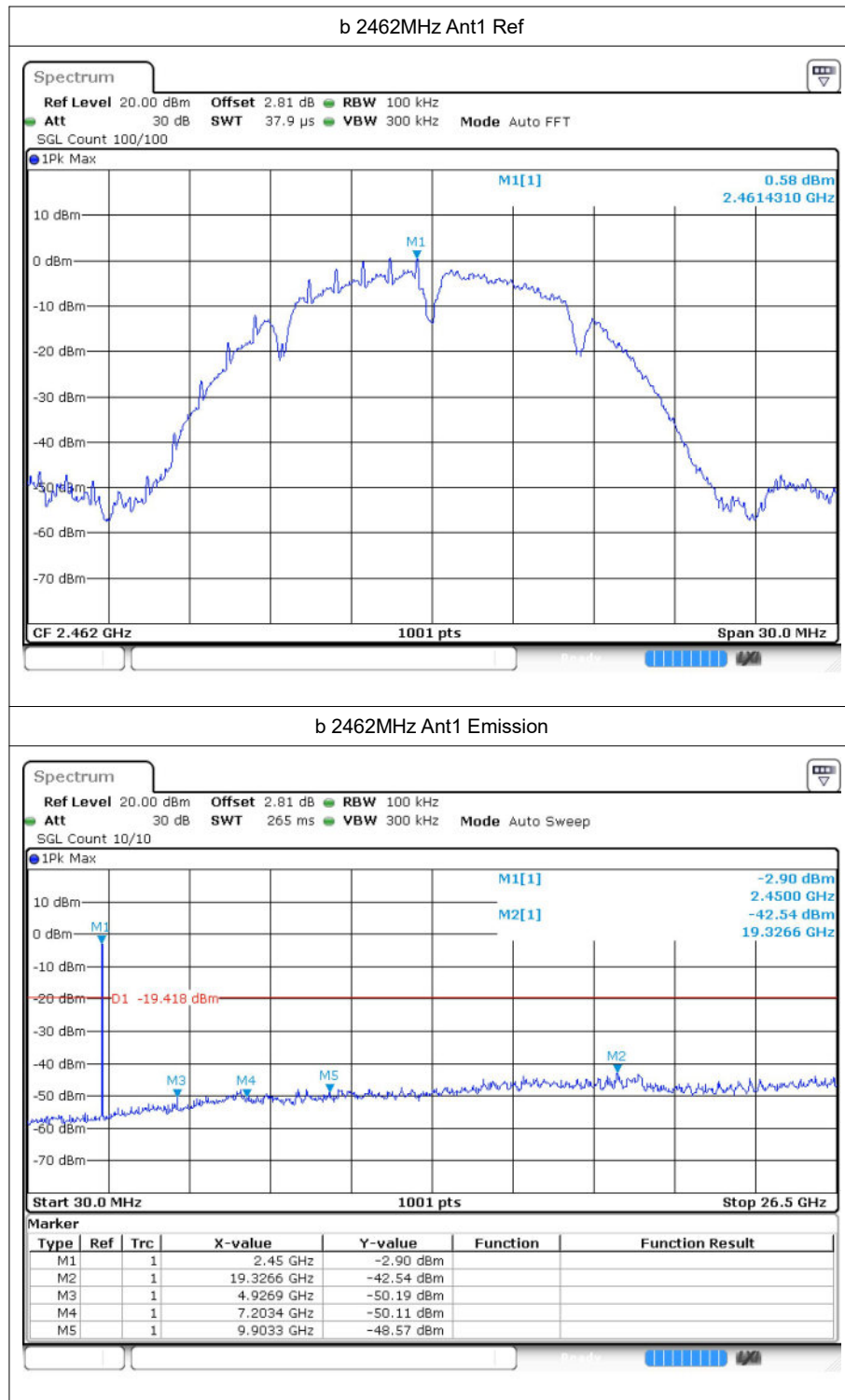
### 6.1 Test Result

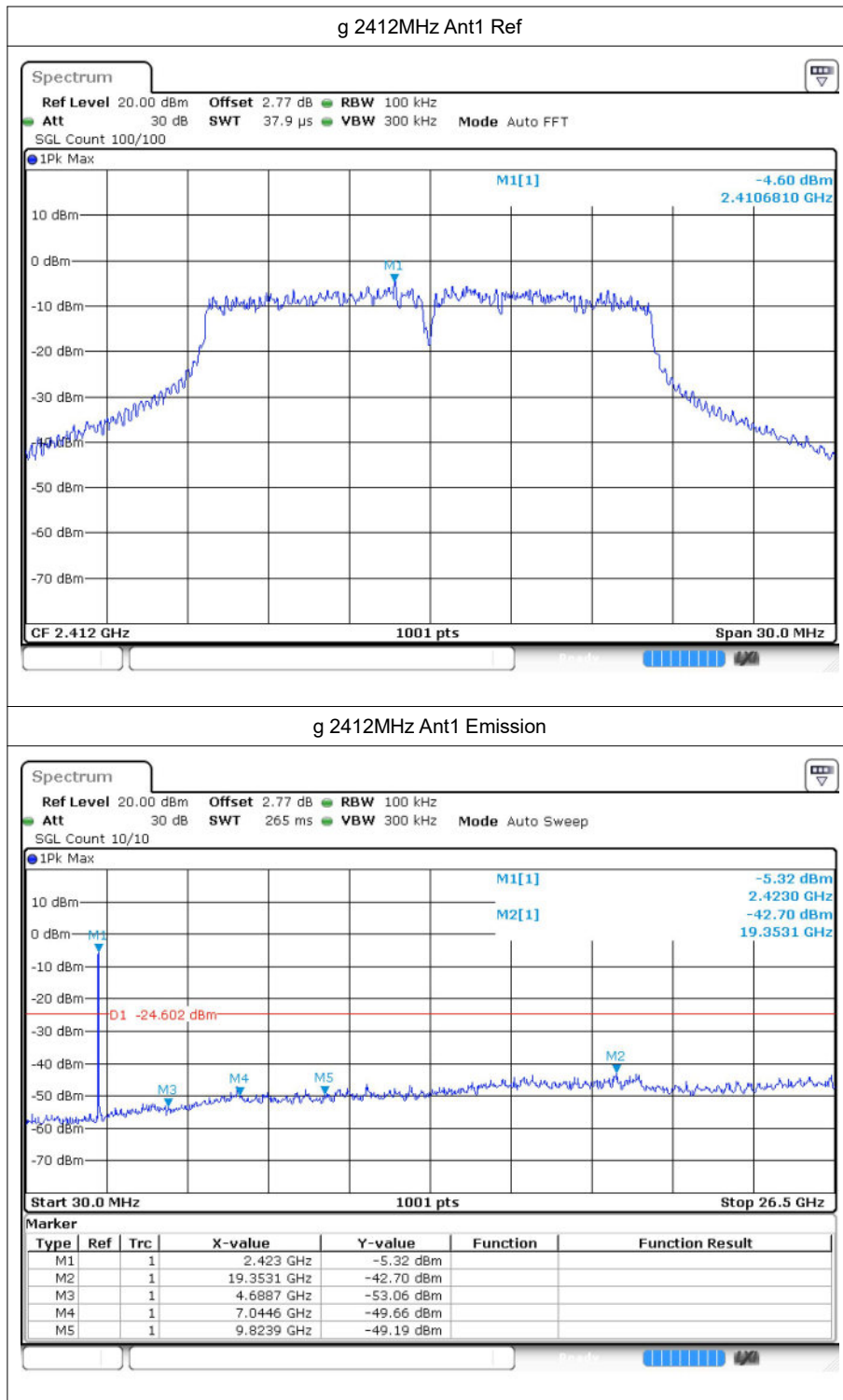
| Mode | Frequency (MHz) | Antenna | Max Value (dBc) | Limit (dBc) | Verdict |
|------|-----------------|---------|-----------------|-------------|---------|
| b    | 2412            | Ant1    | -44.12          | -20         | Pass    |
| b    | 2437            | Ant1    | -43.14          | -20         | Pass    |
| b    | 2462            | Ant1    | -43.12          | -20         | Pass    |
| g    | 2412            | Ant1    | -38.1           | -20         | Pass    |
| g    | 2437            | Ant1    | -37.09          | -20         | Pass    |
| g    | 2462            | Ant1    | -37.59          | -20         | Pass    |
| n20  | 2412            | Ant1    | -38.19          | -20         | Pass    |
| n20  | 2437            | Ant1    | -38.72          | -20         | Pass    |
| n20  | 2462            | Ant1    | -38.12          | -20         | Pass    |
| n40  | 2422            | Ant1    | -33.86          | -20         | Pass    |
| n40  | 2437            | Ant1    | -37.51          | -20         | Pass    |
| n40  | 2452            | Ant1    | -35.43          | -20         | Pass    |
| ax20 | 2412            | Ant1    | -35.96          | -20         | Pass    |
| ax20 | 2437            | Ant1    | -36.76          | -20         | Pass    |
| ax20 | 2462            | Ant1    | -27.08          | -20         | Pass    |
| ax40 | 2422            | Ant1    | -33.57          | -20         | Pass    |
| ax40 | 2437            | Ant1    | -33.86          | -20         | Pass    |
| ax40 | 2452            | Ant1    | -32.76          | -20         | Pass    |

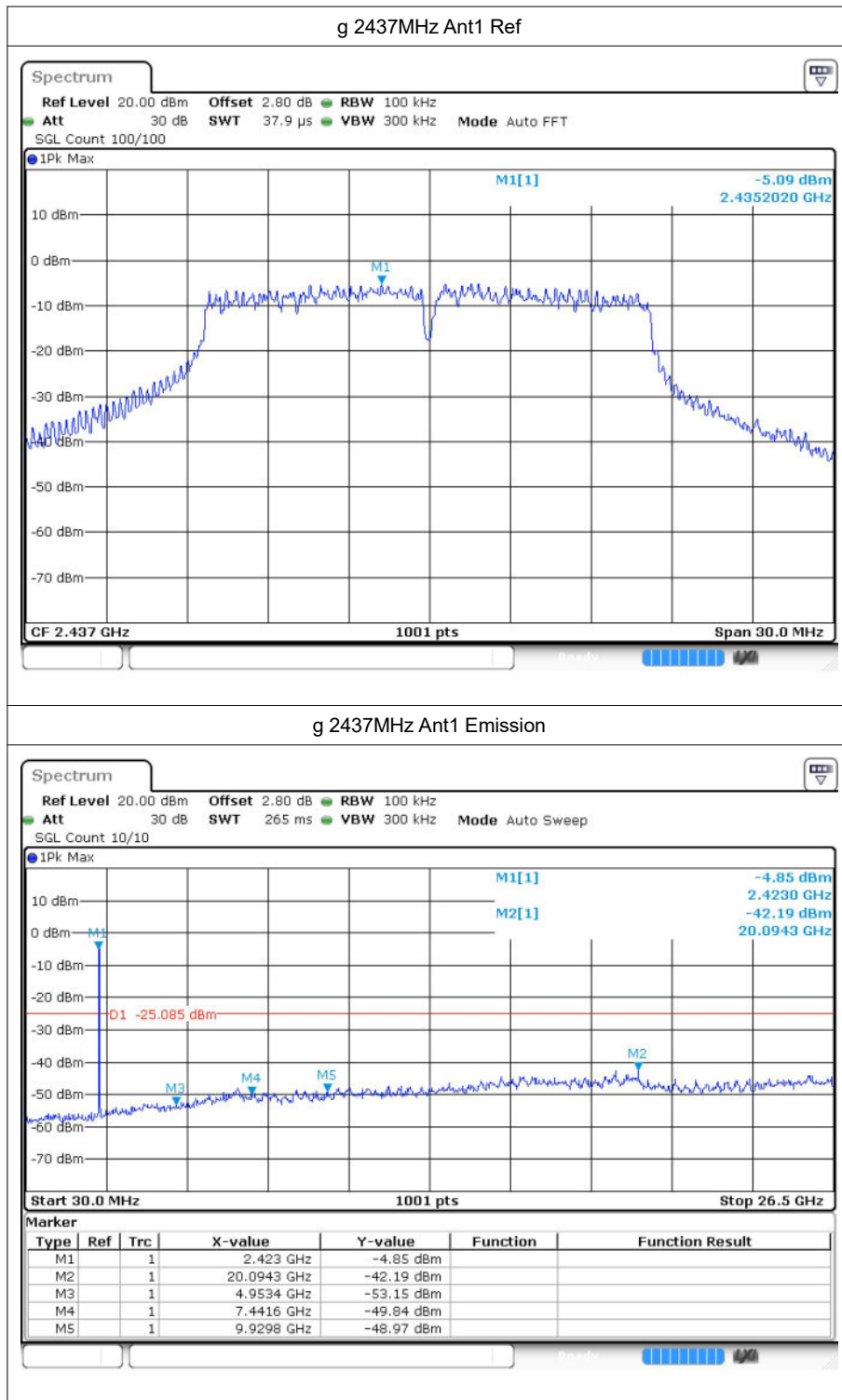
## 6.2 Test Graphs

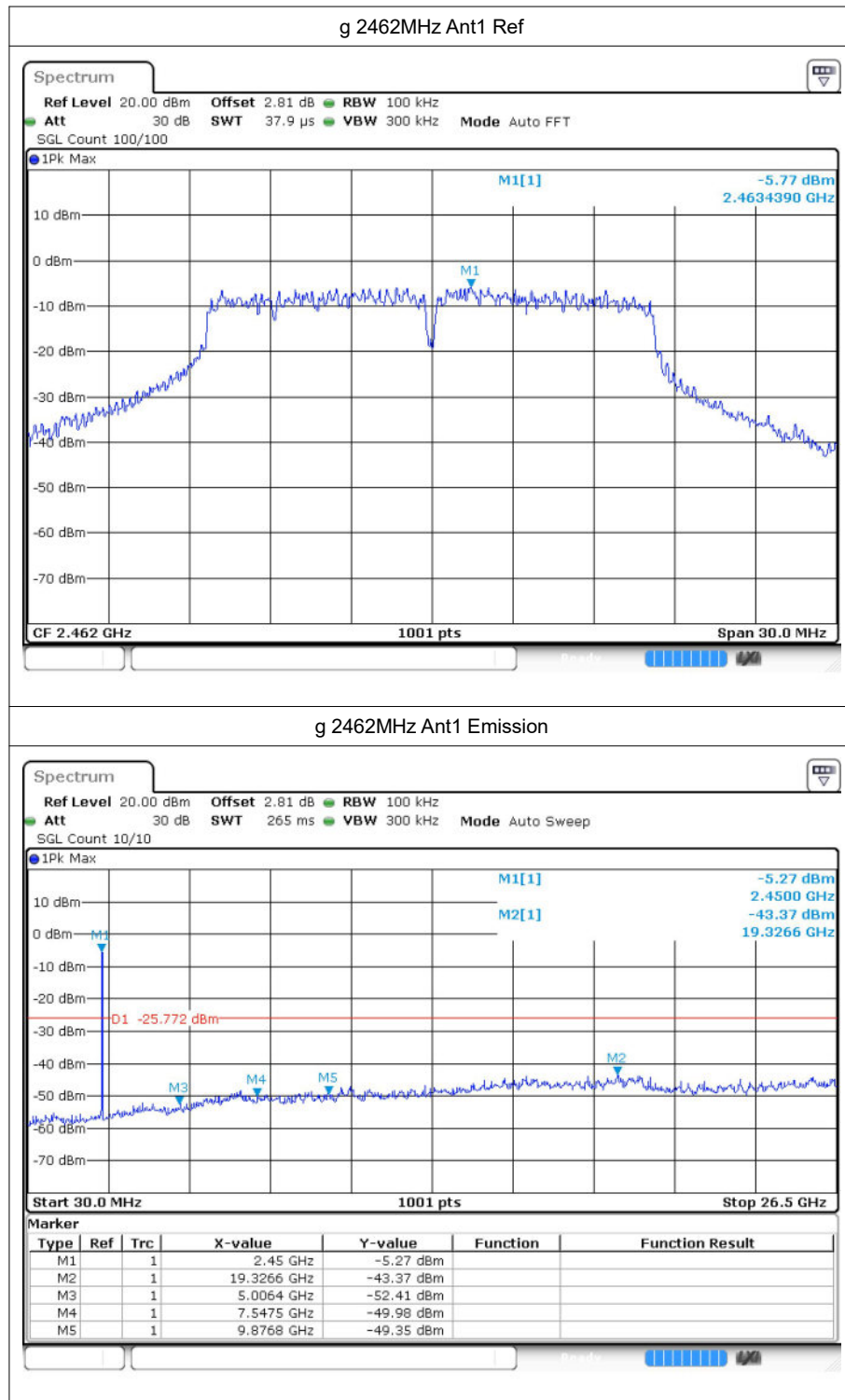


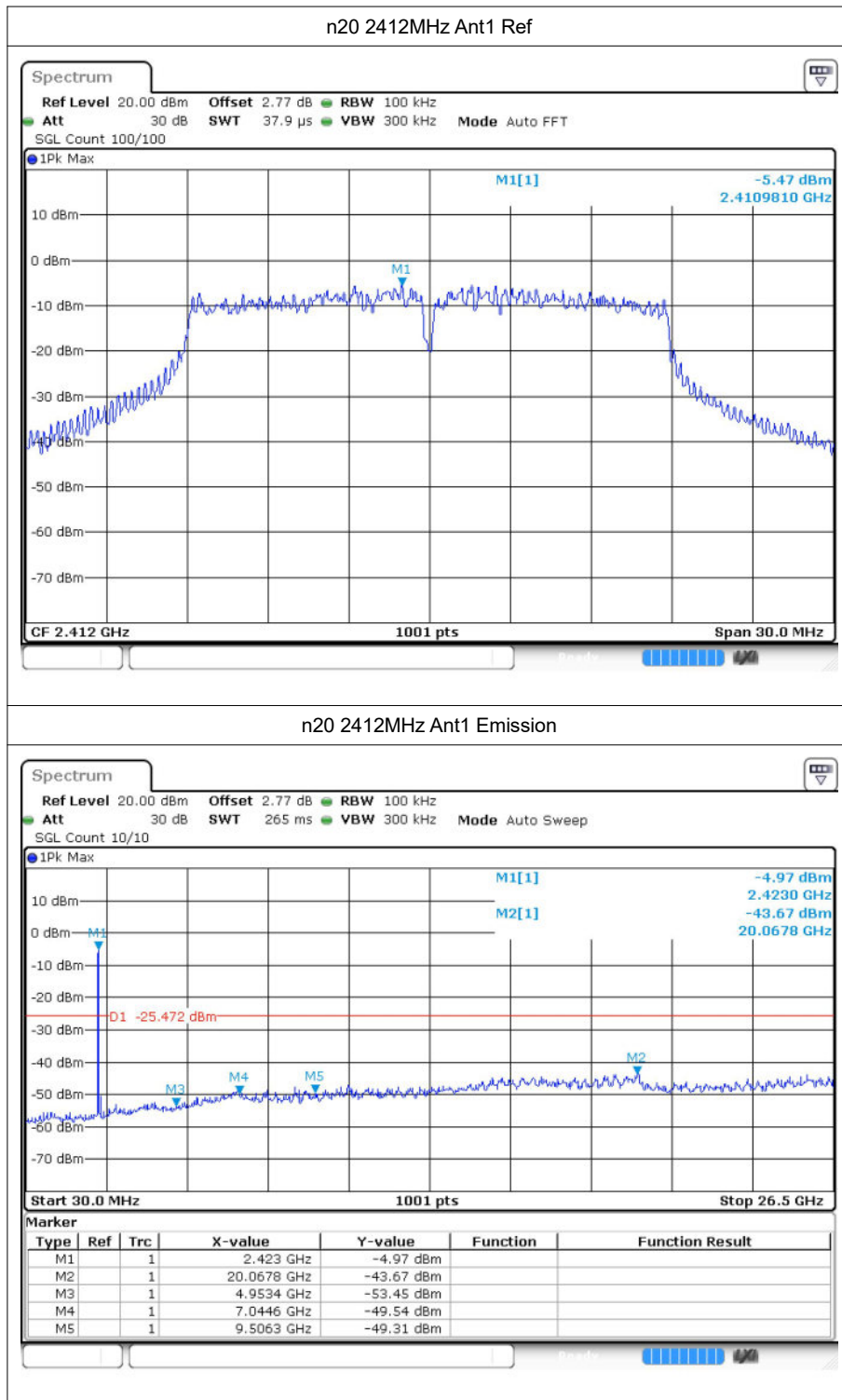


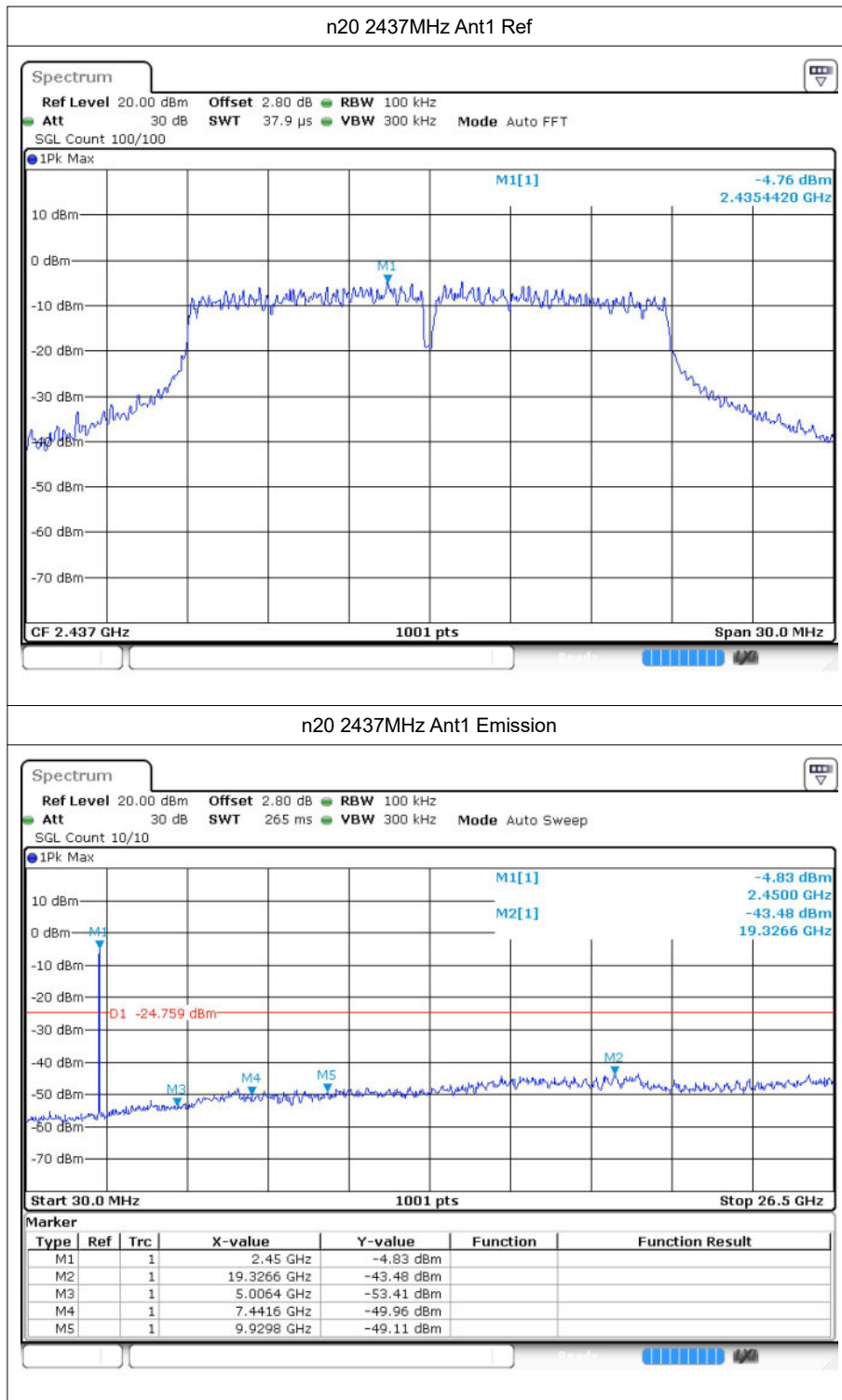


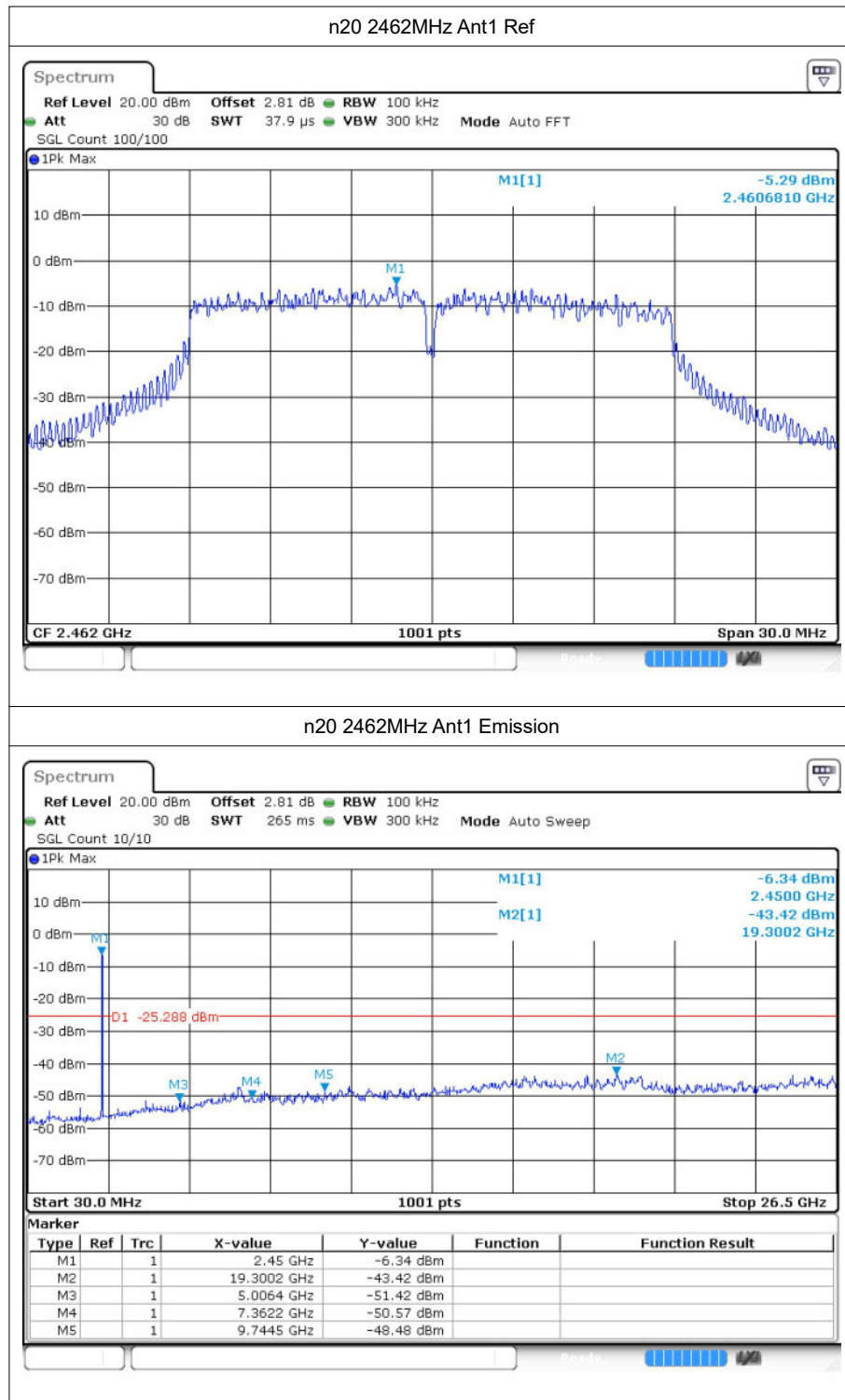


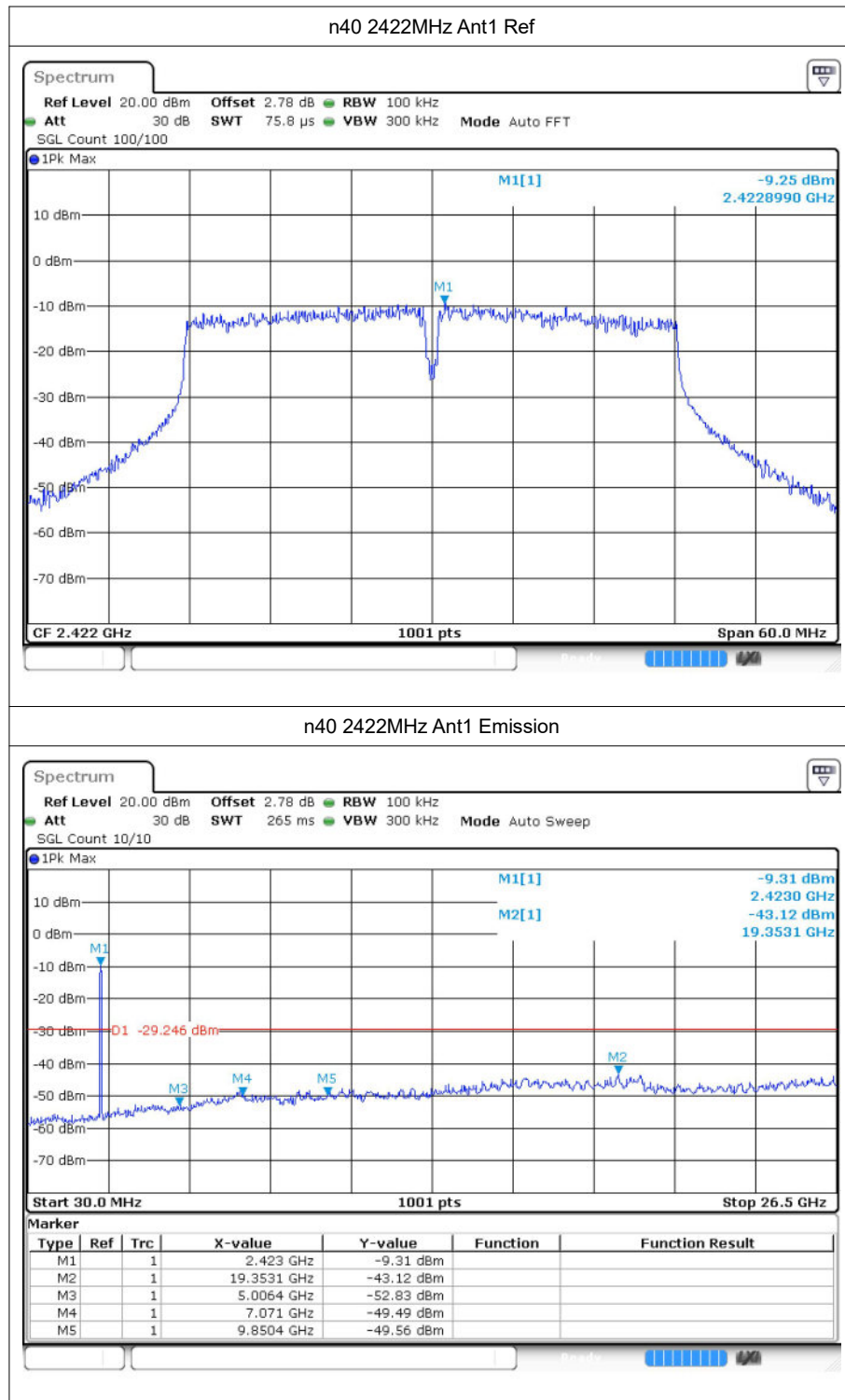


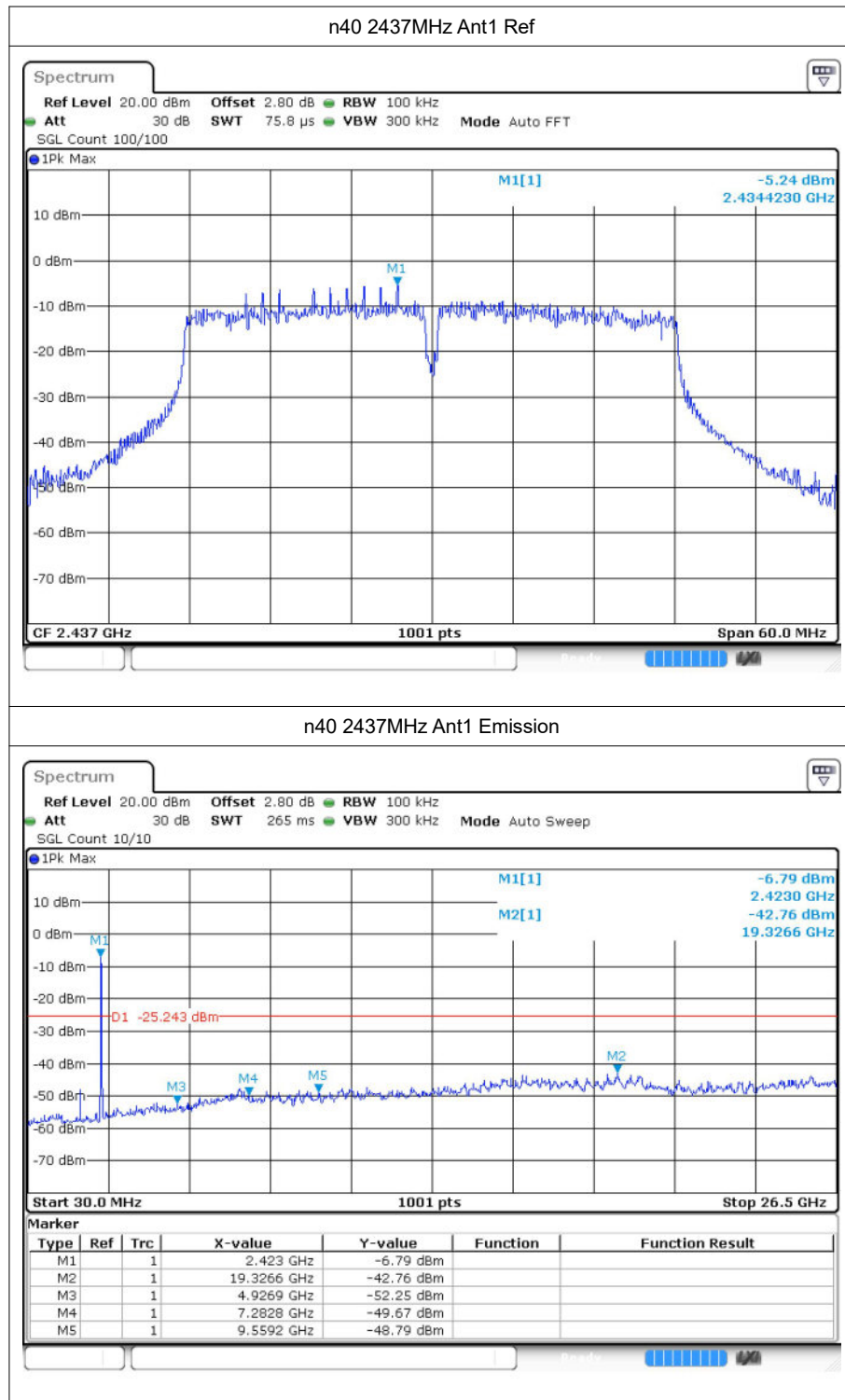


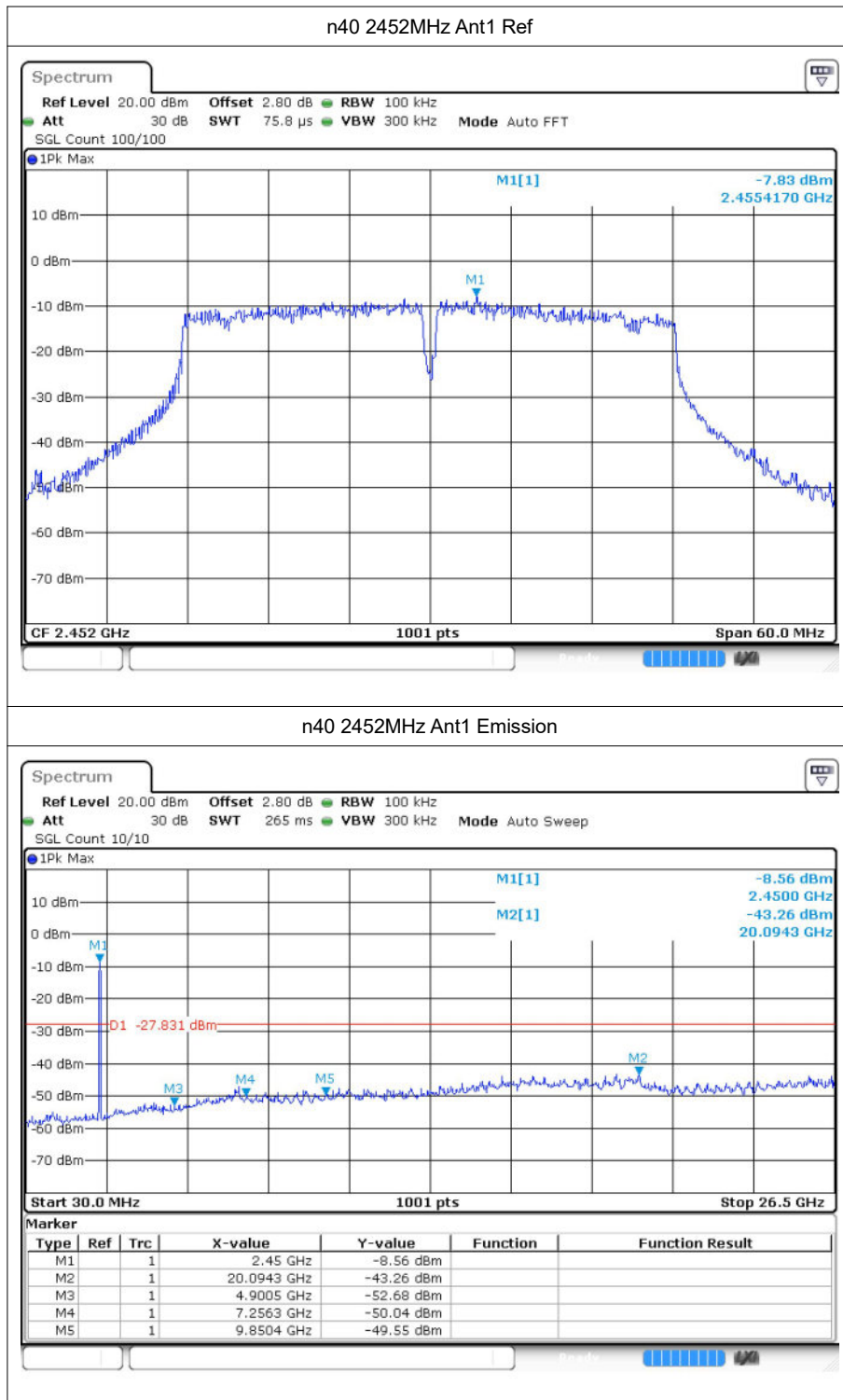


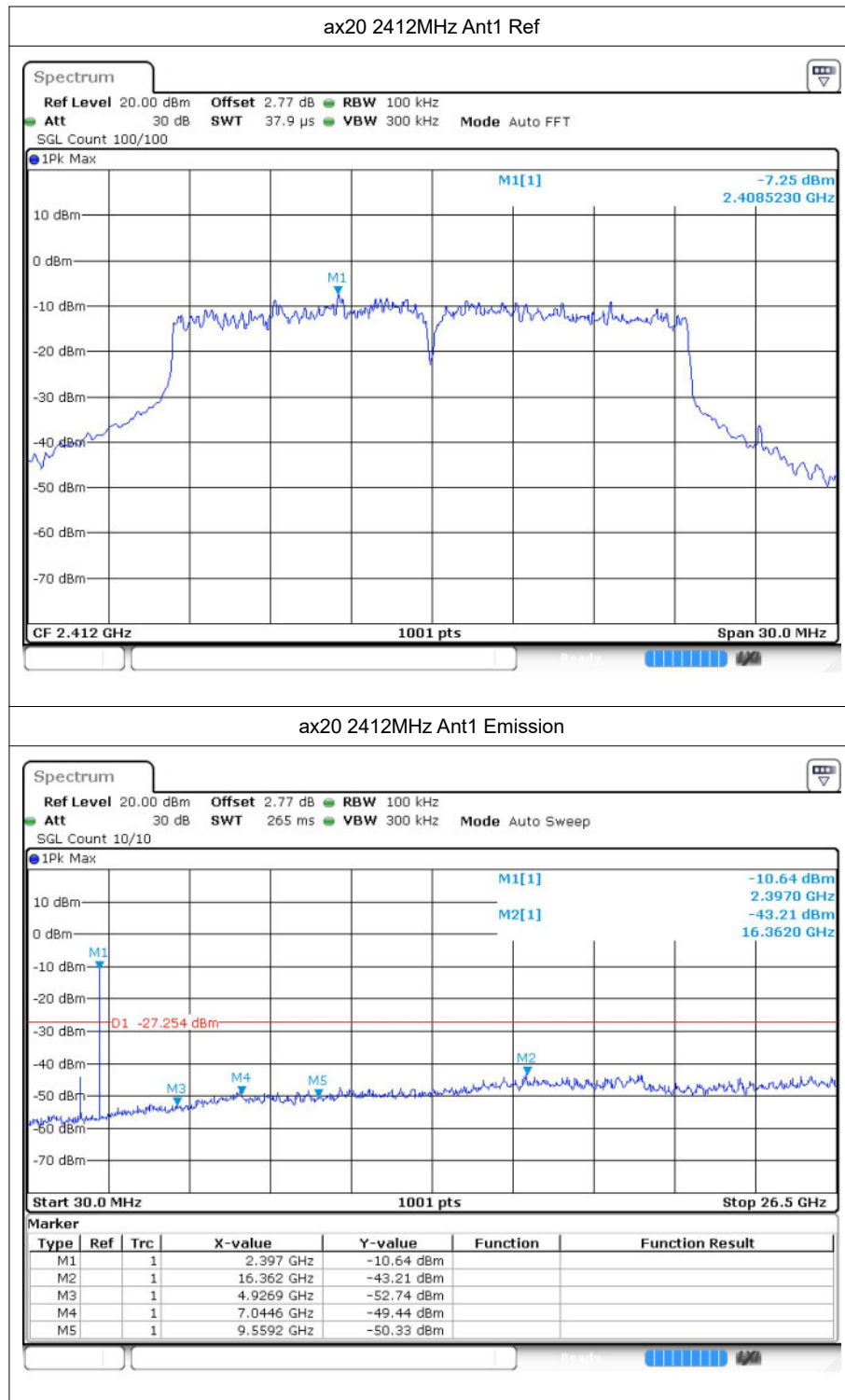


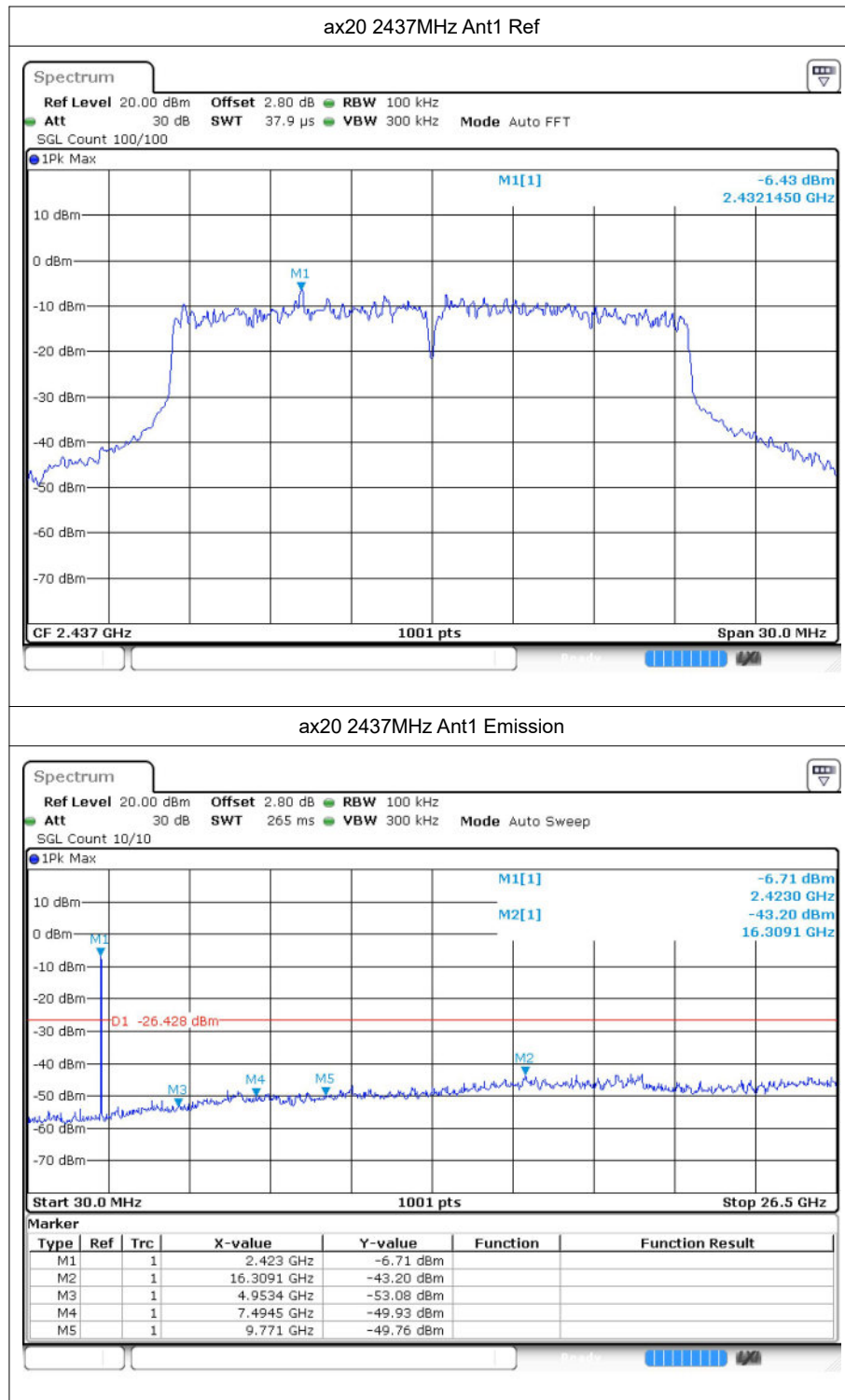


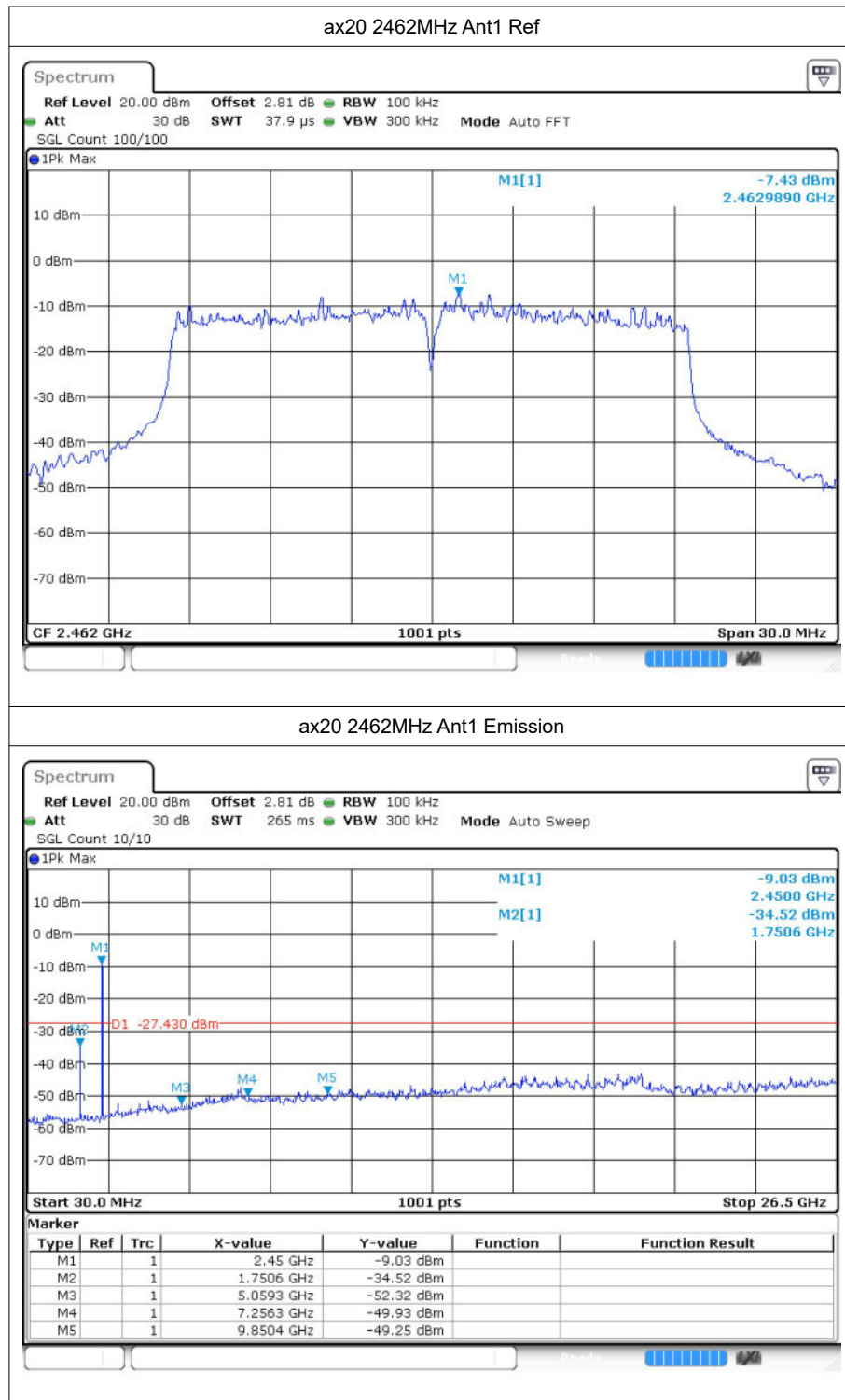


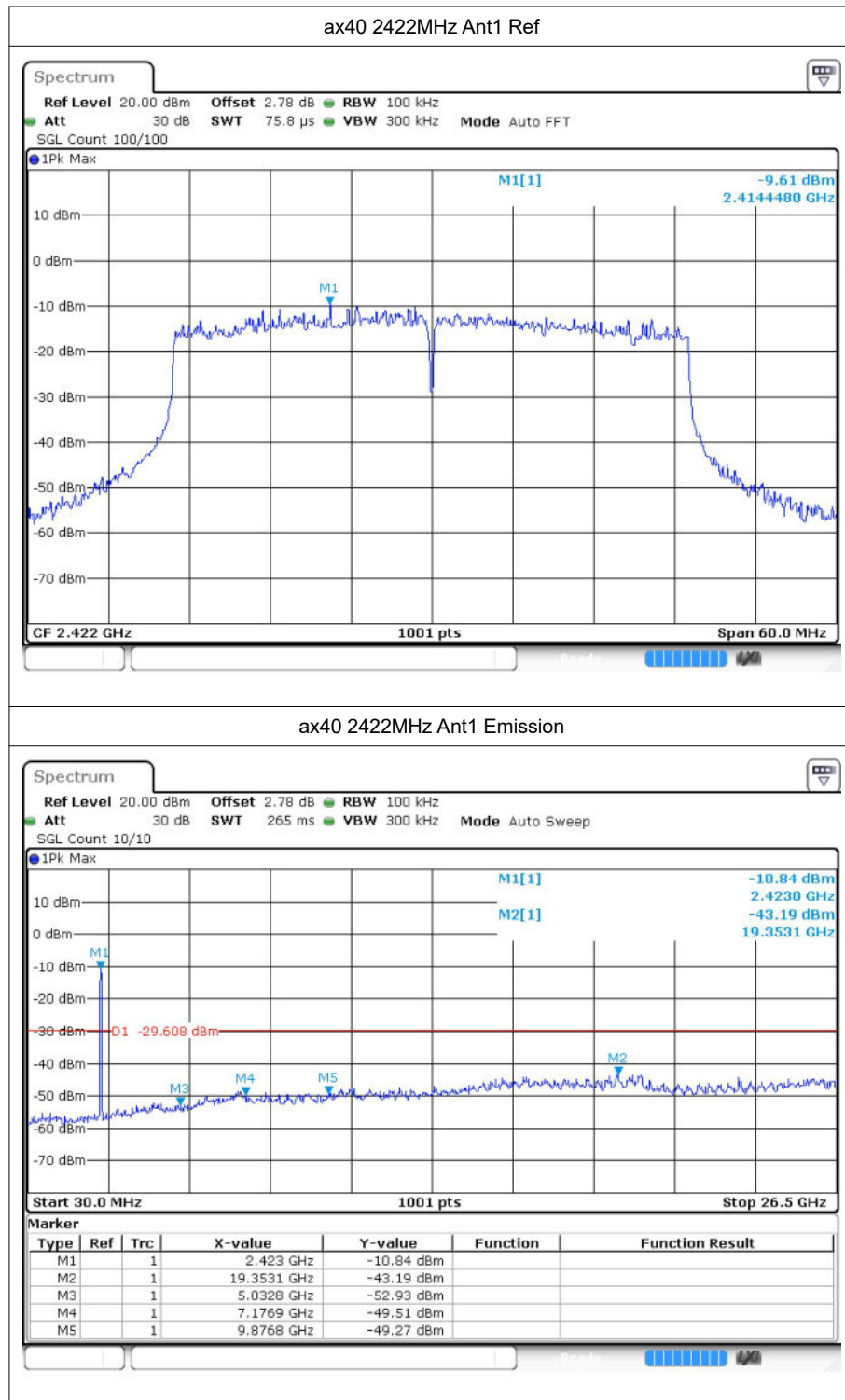


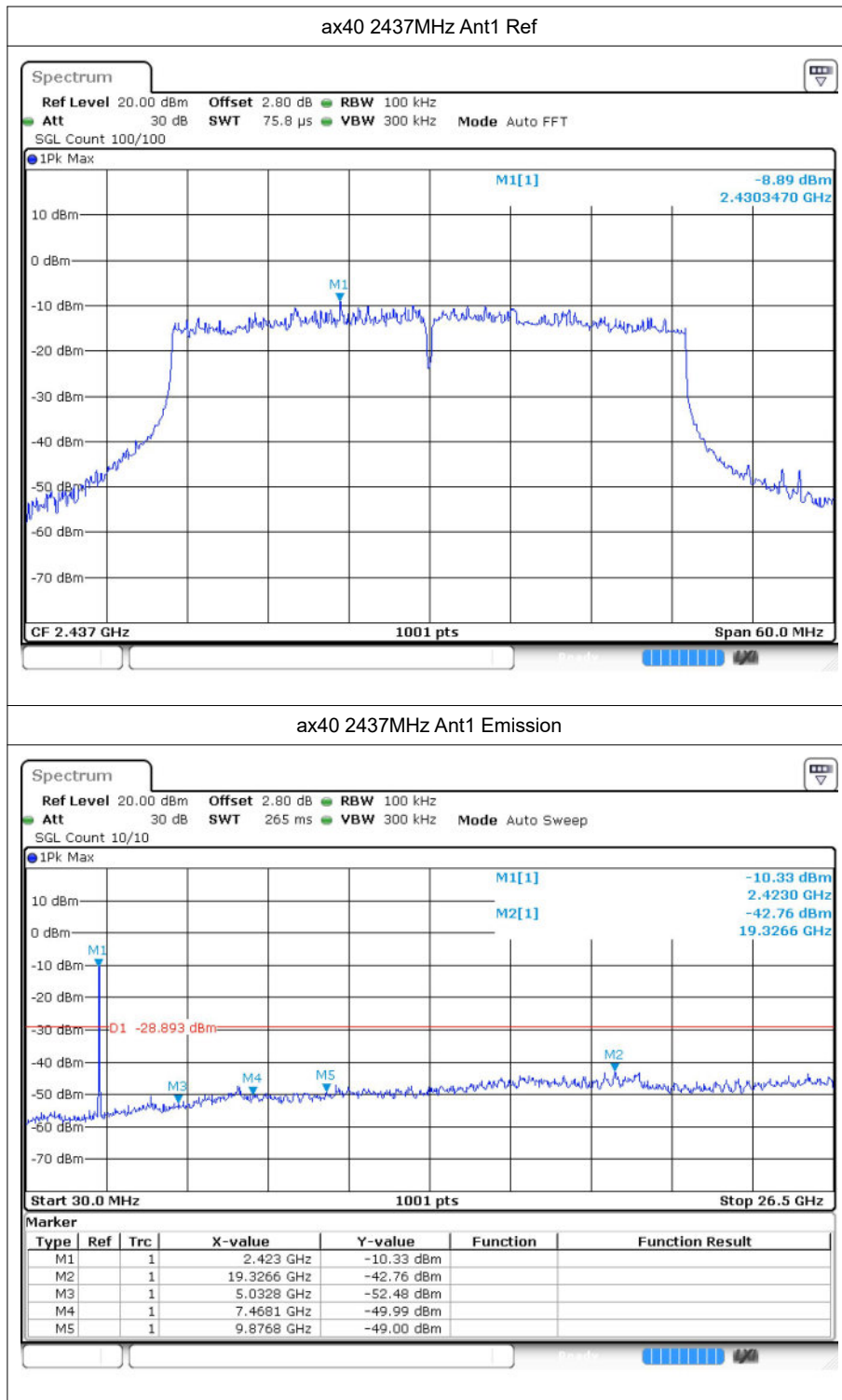


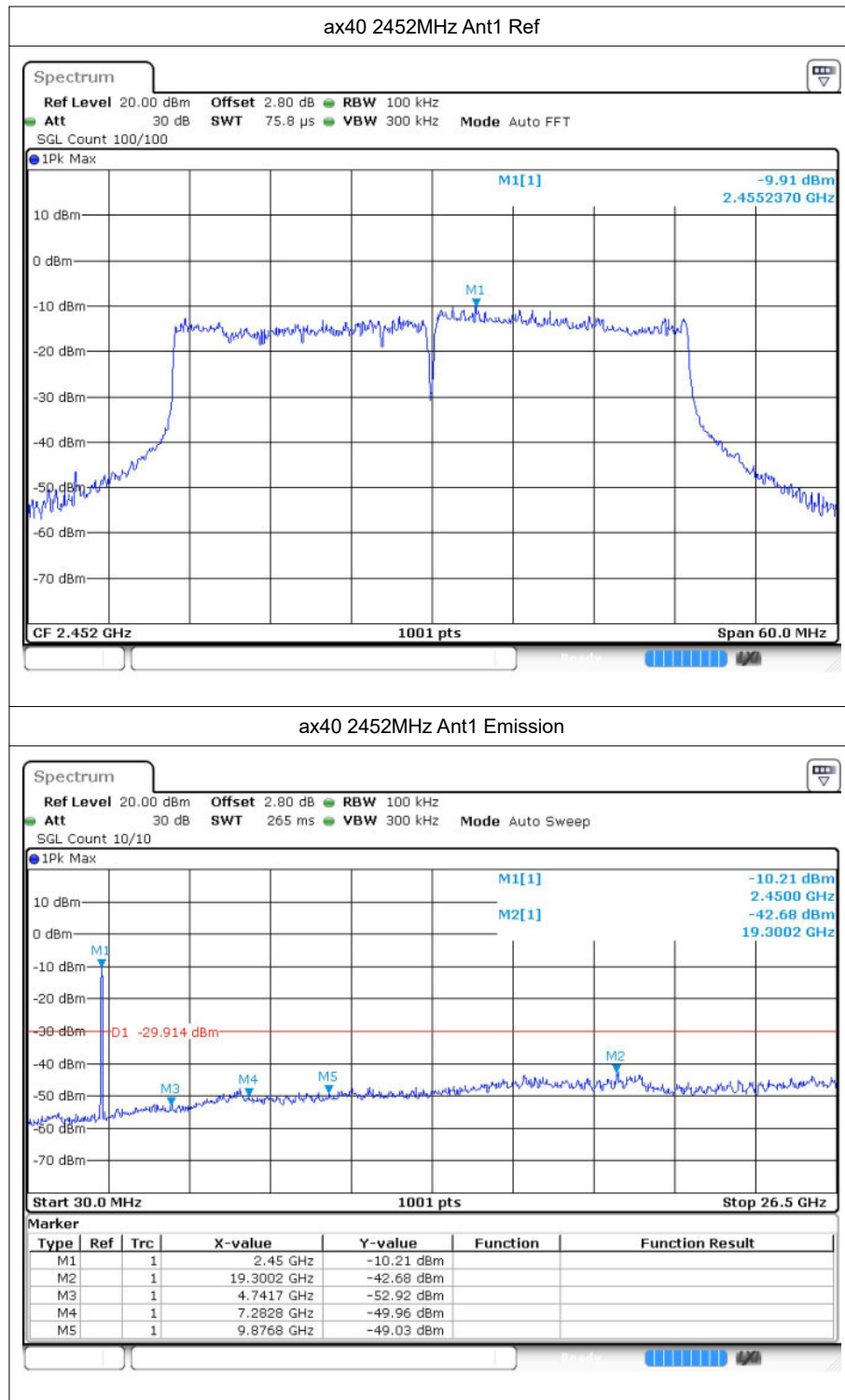














## 7 Restrict Band

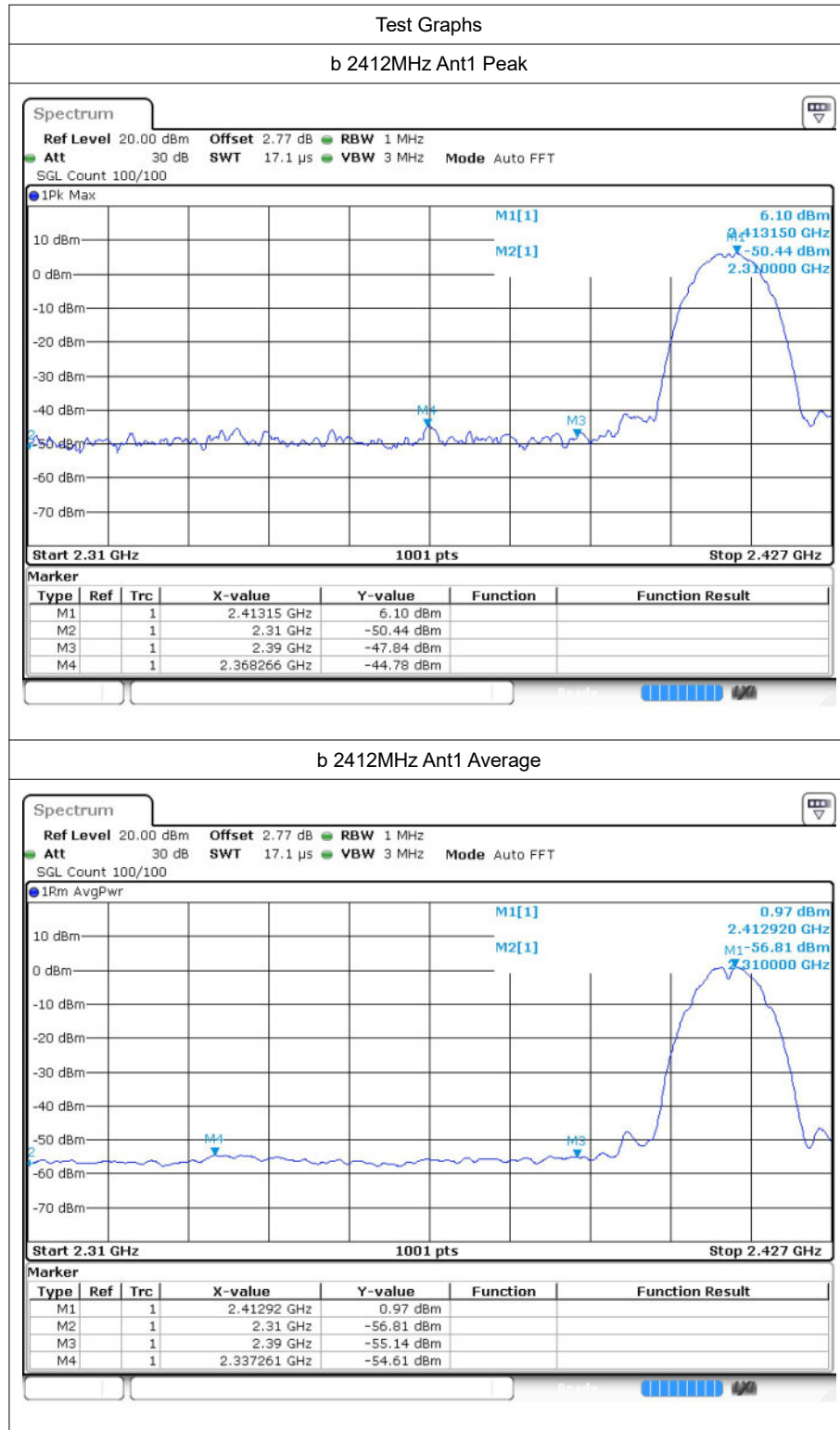
### 7.1 Test Result

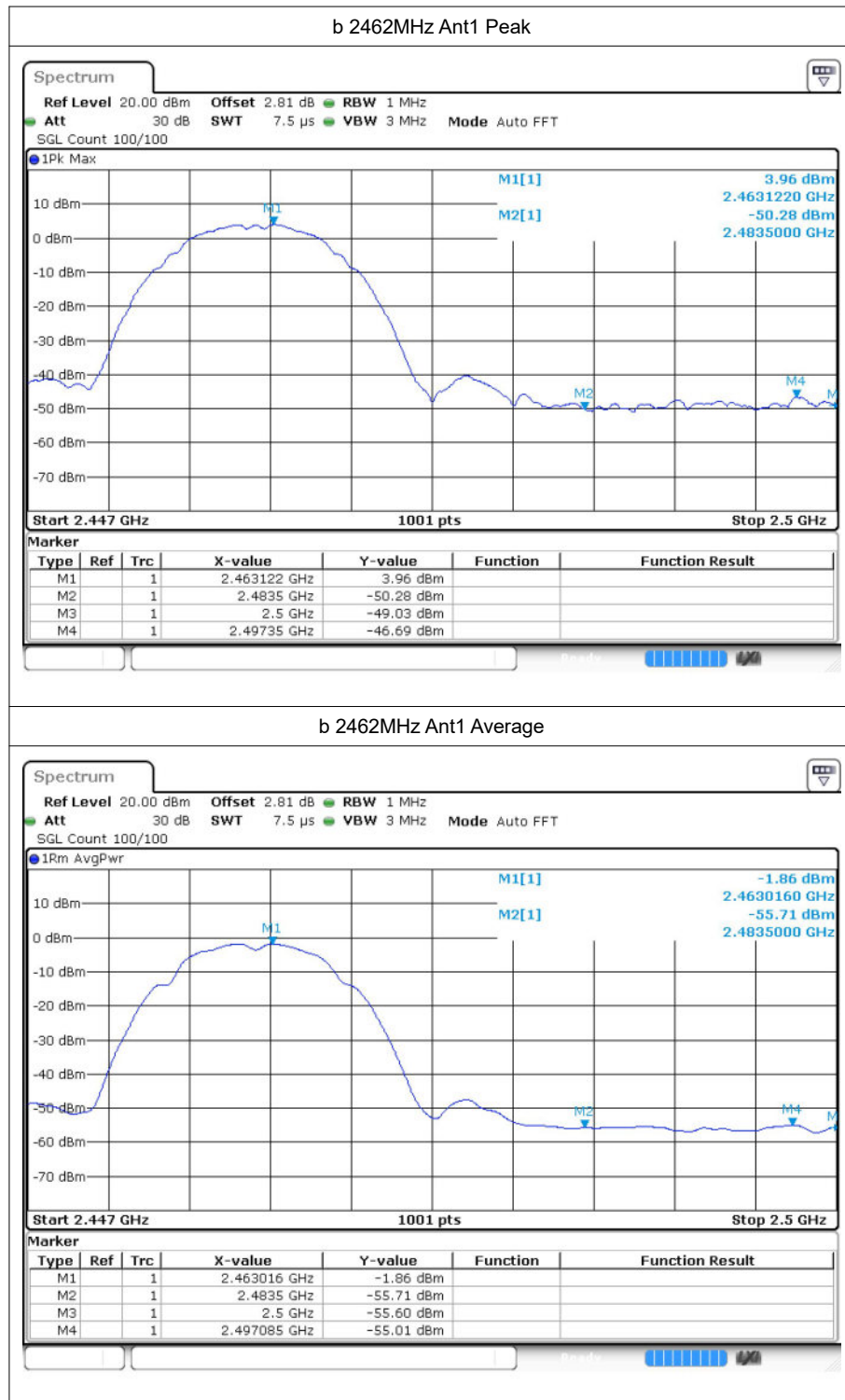
| Mode | Frequency (MHz) | Antenna | Spur Freq (MHz) | Power (dBm) | Gain (dBi) | Duty Factor | E (dBuV/m) | Detector | Limit (dBuV/m) | Verdict |
|------|-----------------|---------|-----------------|-------------|------------|-------------|------------|----------|----------------|---------|
| b    | 2412            | Ant1    | 2310            | -50.44      | 2          | -           | 46.82      | Peak     | 74             | Pass    |
| b    | 2412            | Ant1    | 2310            | -56.81      | 2          | 2.25        | 42.7       | Average  | 54             | Pass    |
| b    | 2412            | Ant1    | 2368.266        | -44.78      | 2          | -           | 52.48      | Peak     | 74             | Pass    |
| b    | 2412            | Ant1    | 2337.261        | -54.6       | 2          | 2.25        | 44.91      | Average  | 54             | Pass    |
| b    | 2412            | Ant1    | 2390            | -47.84      | 2          | -           | 49.42      | Peak     | 74             | Pass    |
| b    | 2412            | Ant1    | 2390            | -55.14      | 2          | 2.25        | 44.37      | Average  | 54             | Pass    |
| b    | 2462            | Ant1    | 2483.5          | -50.28      | 2          | -           | 46.98      | Peak     | 74             | 46.98   |
| b    | 2462            | Ant1    | 2483.5          | -55.71      | 2          | 2.72        | 44.27      | Average  | 54             | Pass    |
| b    | 2462            | Ant1    | 2497.35         | -46.68      | 2          | -           | 50.58      | Peak     | 74             | Pass    |
| b    | 2462            | Ant1    | 2497.085        | -55.01      | 2          | 2.72        | 44.97      | Average  | 54             | Pass    |
| b    | 2462            | Ant1    | 2500            | -49.03      | 2          | -           | 48.23      | Peak     | 74             | Pass    |
| b    | 2462            | Ant1    | 2500            | -55.6       | 2          | 2.72        | 44.38      | Average  | 54             | Pass    |
| g    | 2412            | Ant1    | 2310            | -49.5       | 2          | -           | 47.76      | Peak     | 74             | Pass    |
| g    | 2412            | Ant1    | 2310            | -56.73      | 2          | 7.86        | 48.39      | Average  | 54             | Pass    |
| g    | 2412            | Ant1    | 2389.911        | -42.88      | 2          | -           | 54.38      | Peak     | 74             | Pass    |
| g    | 2412            | Ant1    | 2389.911        | -53.49      | 2          | 7.86        | 51.63      | Average  | 54             | Pass    |
| g    | 2412            | Ant1    | 2390            | -42.58      | 2          | -           | 49.42      | Peak     | 74             | Pass    |
| g    | 2412            | Ant1    | 2390            | -53.55      | 2          | 7.86        | 51.57      | Average  | 54             | Pass    |
| g    | 2462            | Ant1    | 2483.5          | -39.86      | 2          | -           | 57.4       | Peak     | 74             | Pass    |
| g    | 2462            | Ant1    | 2483.5          | -54.2       | 2          | 7.87        | 50.93      | Average  | 54             | Pass    |
| g    | 2462            | Ant1    | 2497.35         | -39.86      | 2          | -           | 57.4       | Peak     | 74             | Pass    |
| g    | 2462            | Ant1    | 2483.517        | -54.19      | 2          | 7.87        | 50.94      | Average  | 54             | Pass    |
| g    | 2462            | Ant1    | 2500            | -49.87      | 2          | -           | 48.23      | Peak     | 74             | Pass    |
| g    | 2462            | Ant1    | 2500            | -55.82      | 2          | 7.87        | 49.31      | Average  | 54             | Pass    |
| n20  | 2412            | Ant1    | 2310            | -49.01      | 2          | -           | 48.25      | Peak     | 74             | Pass    |
| n20  | 2412            | Ant1    | 2310            | -56.7       | 2          | 8.18        | 48.74      | Average  | 54             | Pass    |
| n20  | 2412            | Ant1    | 2389.911        | -38.37      | 2          | -           | 58.89      | Peak     | 74             | Pass    |
| n20  | 2412            | Ant1    | 2389.911        | -52.22      | 2          | 8.18        | 53.22      | Average  | 54             | Pass    |
| n20  | 2412            | Ant1    | 2390            | -37.99      | 2          | -           | 59.27      | Peak     | 74             | Pass    |
| n20  | 2412            | Ant1    | 2390            | -52.22      | 2          | 8.18        | 53.22      | Average  | 54             | Pass    |
| n20  | 2462            | Ant1    | 2483.5          | -40.06      | 2          | -           | 57.2       | Peak     | 74             | Pass    |
| n20  | 2462            | Ant1    | 2483.5          | -54.51      | 2          | 8.17        | 50.92      | Average  | 54             | Pass    |
| n20  | 2462            | Ant1    | 2483.517        | -40.05      | 2          | -           | 57.21      | Peak     | 74             | Pass    |
| n20  | 2462            | Ant1    | 2483.517        | -54.5       | 2          | 8.17        | 50.93      | Average  | 54             | Pass    |

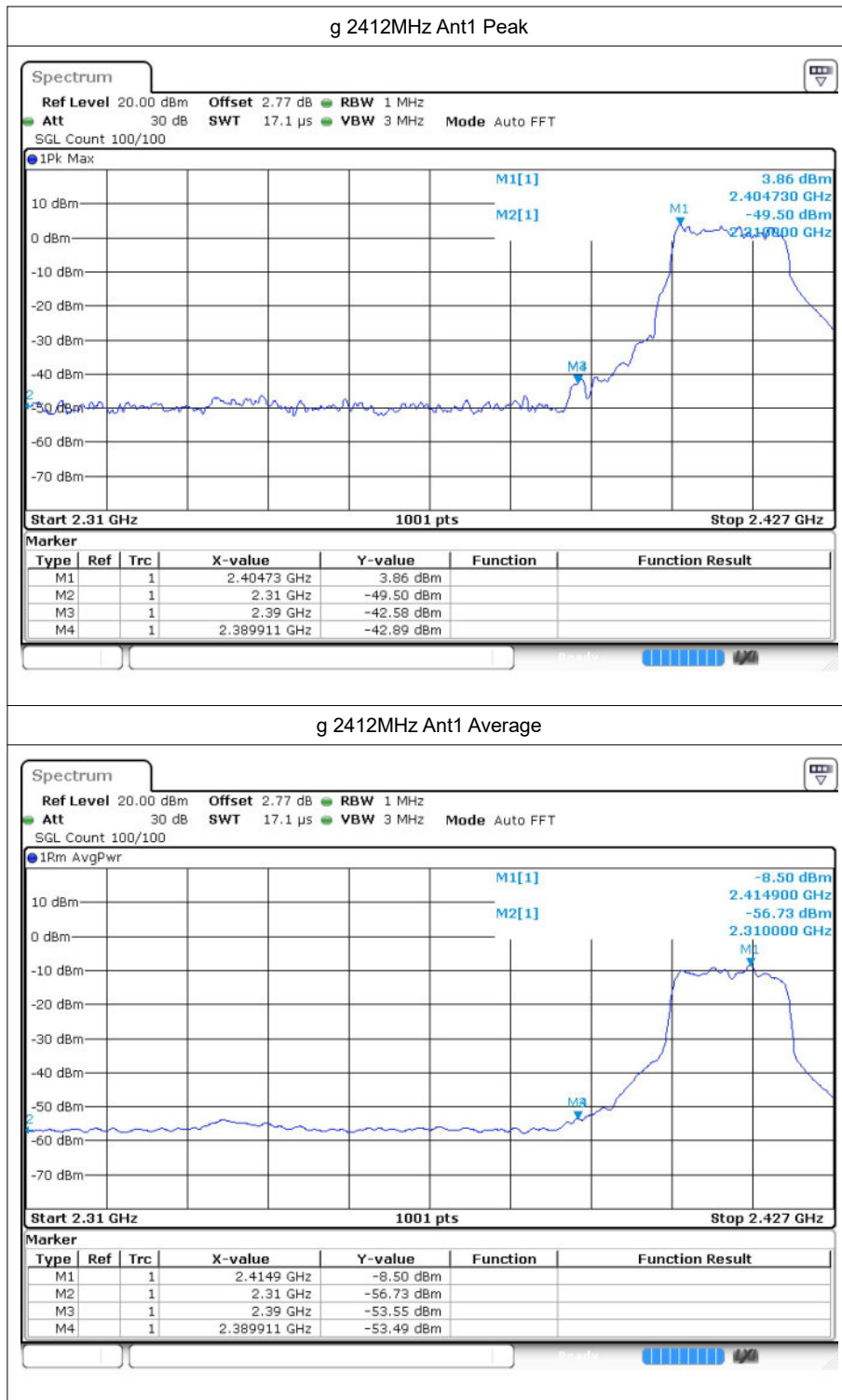


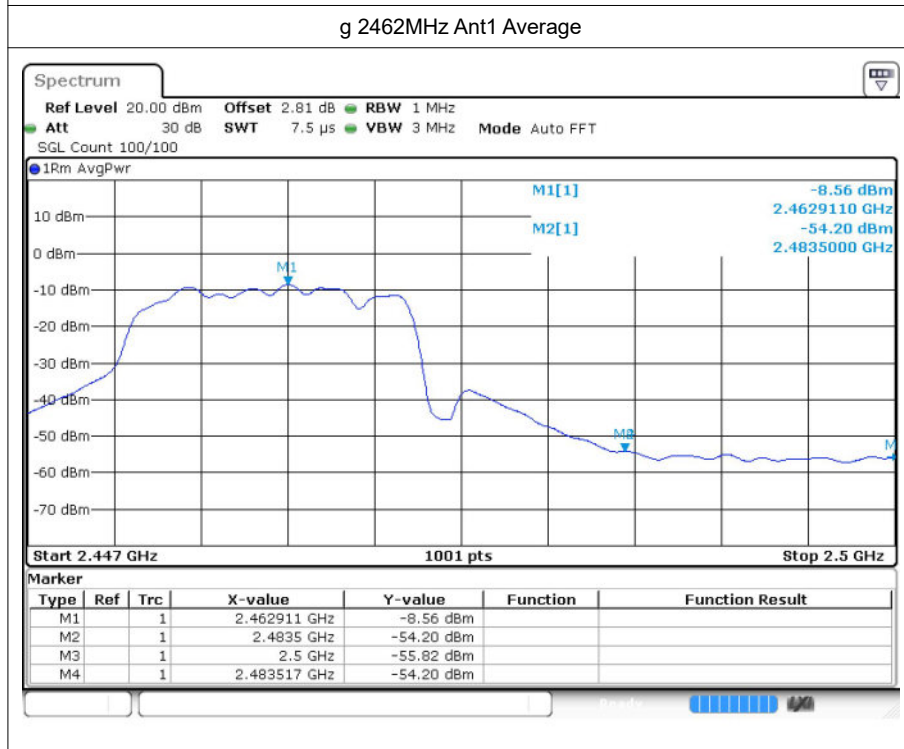
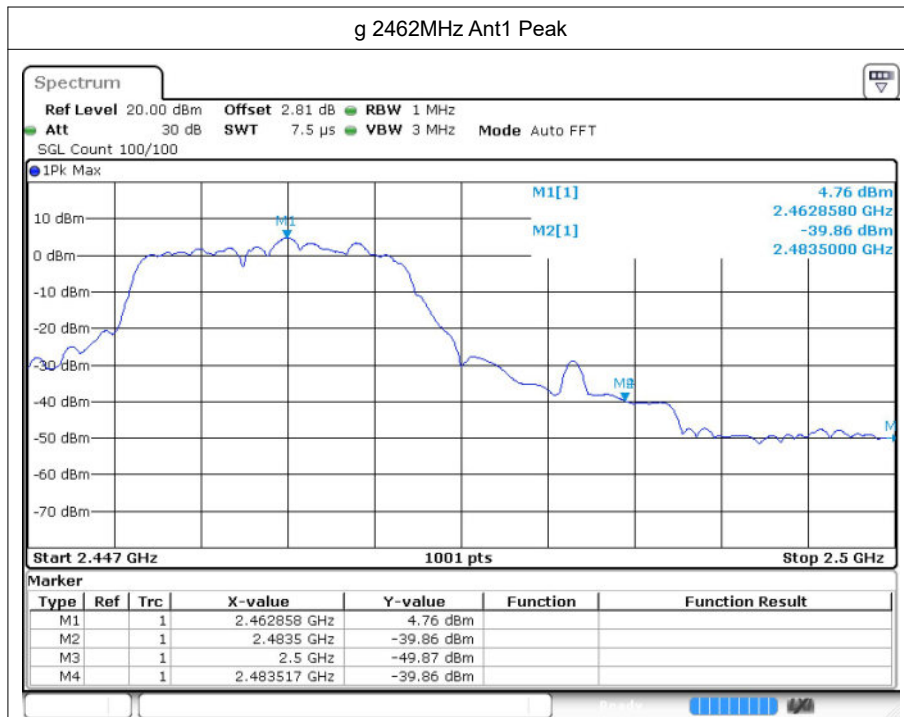
|      |      |      |          |        |   |      |       |         |    |      |
|------|------|------|----------|--------|---|------|-------|---------|----|------|
| n20  | 2462 | Ant1 | 2500     | -50.42 | 2 | -    | 46.84 | Peak    | 74 | Pass |
| n20  | 2462 | Ant1 | 2500     | -56.78 | 2 | 8.17 | 48.65 | Average | 54 | Pass |
| n40  | 2422 | Ant1 | 2310     | -50.93 | 2 | -    | 46.33 | Peak    | 74 | Pass |
| n40  | 2422 | Ant1 | 2310     | -56.9  | 2 | 4.68 | 45.04 | Average | 54 | Pass |
| n40  | 2422 | Ant1 | 2382.988 | -44.24 | 2 | -    | 53.02 | Peak    | 74 | Pass |
| n40  | 2422 | Ant1 | 2340.672 | -53.99 | 2 | 4.68 | 47.95 | Average | 54 | Pass |
| n40  | 2422 | Ant1 | 2390     | -47.14 | 2 | -    | 50.12 | Peak    | 74 | Pass |
| n40  | 2422 | Ant1 | 2390     | -54.47 | 2 | 4.68 | 47.47 | Average | 54 | Pass |
| n40  | 2452 | Ant1 | 2483.5   | -44.57 | 2 | -    | 52.69 | Peak    | 74 | Pass |
| n40  | 2452 | Ant1 | 2483.5   | -53.26 | 2 | 4.64 | 48.64 | Average | 54 | Pass |
| n40  | 2452 | Ant1 | 2487.442 | -42.85 | 2 | -    | 54.41 | Peak    | 74 | Pass |
| n40  | 2452 | Ant1 | 2483.542 | -53.25 | 2 | 4.64 | 48.65 | Average | 54 | Pass |
| n40  | 2452 | Ant1 | 2500     | -50.37 | 2 | -    | 46.89 | Peak    | 74 | Pass |
| n40  | 2452 | Ant1 | 2500     | -56.38 | 2 | 4.64 | 45.52 | Average | 54 | Pass |
| ax20 | 2412 | Ant1 | 2310     | -49.93 | 2 | -    | 47.33 | Peak    | 74 | Pass |
| ax20 | 2412 | Ant1 | 2310     | -56.11 | 2 | 8.77 | 49.92 | Average | 54 | Pass |
| ax20 | 2412 | Ant1 | 2345.1   | -46.64 | 2 | -    | 50.62 | Peak    | 74 | Pass |
| ax20 | 2412 | Ant1 | 2337.144 | -54.45 | 2 | 8.77 | 51.58 | Average | 54 | Pass |
| ax20 | 2412 | Ant1 | 2390     | -48.39 | 2 | -    | 48.87 | Peak    | 74 | Pass |
| ax20 | 2412 | Ant1 | 2390     | -57.21 | 2 | 8.77 | 48.82 | Average | 54 | Pass |
| ax20 | 2462 | Ant1 | 2483.5   | -46.39 | 2 | -    | 50.87 | Peak    | 74 | Pass |
| ax20 | 2462 | Ant1 | 2483.5   | -55.6  | 2 | 8.78 | 50.44 | Average | 54 | Pass |
| ax20 | 2462 | Ant1 | 2483.729 | -46.01 | 2 | -    | 51.25 | Peak    | 74 | Pass |
| ax20 | 2462 | Ant1 | 2484.047 | -55.16 | 2 | 8.78 | 50.88 | Average | 54 | Pass |
| ax20 | 2462 | Ant1 | 2500     | -50.67 | 2 | -    | 46.59 | Peak    | 74 | Pass |
| ax20 | 2462 | Ant1 | 2500     | -55.7  | 2 | 8.78 | 50.34 | Average | 54 | Pass |
| ax40 | 2422 | Ant1 | 2310     | -49.39 | 2 | -    | 47.87 | Peak    | 74 | Pass |
| ax40 | 2422 | Ant1 | 2310     | -55.72 | 2 | 5.48 | 47.02 | Average | 54 | Pass |
| ax40 | 2422 | Ant1 | 2383.272 | -45.34 | 2 | -    | 51.92 | Peak    | 74 | Pass |
| ax40 | 2422 | Ant1 | 2339.11  | -53.83 | 2 | 5.48 | 48.91 | Average | 54 | Pass |
| ax40 | 2422 | Ant1 | 2390     | -46.68 | 2 | -    | 50.58 | Peak    | 74 | Pass |
| ax40 | 2422 | Ant1 | 2390     | -55.28 | 2 | 5.48 | 47.46 | Average | 54 | Pass |
| ax40 | 2452 | Ant1 | 2483.5   | -46.44 | 2 | -    | 50.82 | Peak    | 74 | Pass |
| ax40 | 2452 | Ant1 | 2483.5   | -55.13 | 2 | 5.66 | 47.79 | Average | 54 | Pass |
| ax40 | 2452 | Ant1 | 2484.01  | -45.68 | 2 | -    | 51.58 | Peak    | 74 | Pass |
| ax40 | 2452 | Ant1 | 2484.01  | -54.74 | 2 | 5.66 | 48.18 | Average | 54 | Pass |
| ax40 | 2452 | Ant1 | 2500     | -49.81 | 2 | -    | 47.45 | Peak    | 74 | Pass |
| ax40 | 2452 | Ant1 | 2500     | -55.8  | 2 | 5.66 | 47.12 | Average | 54 | Pass |

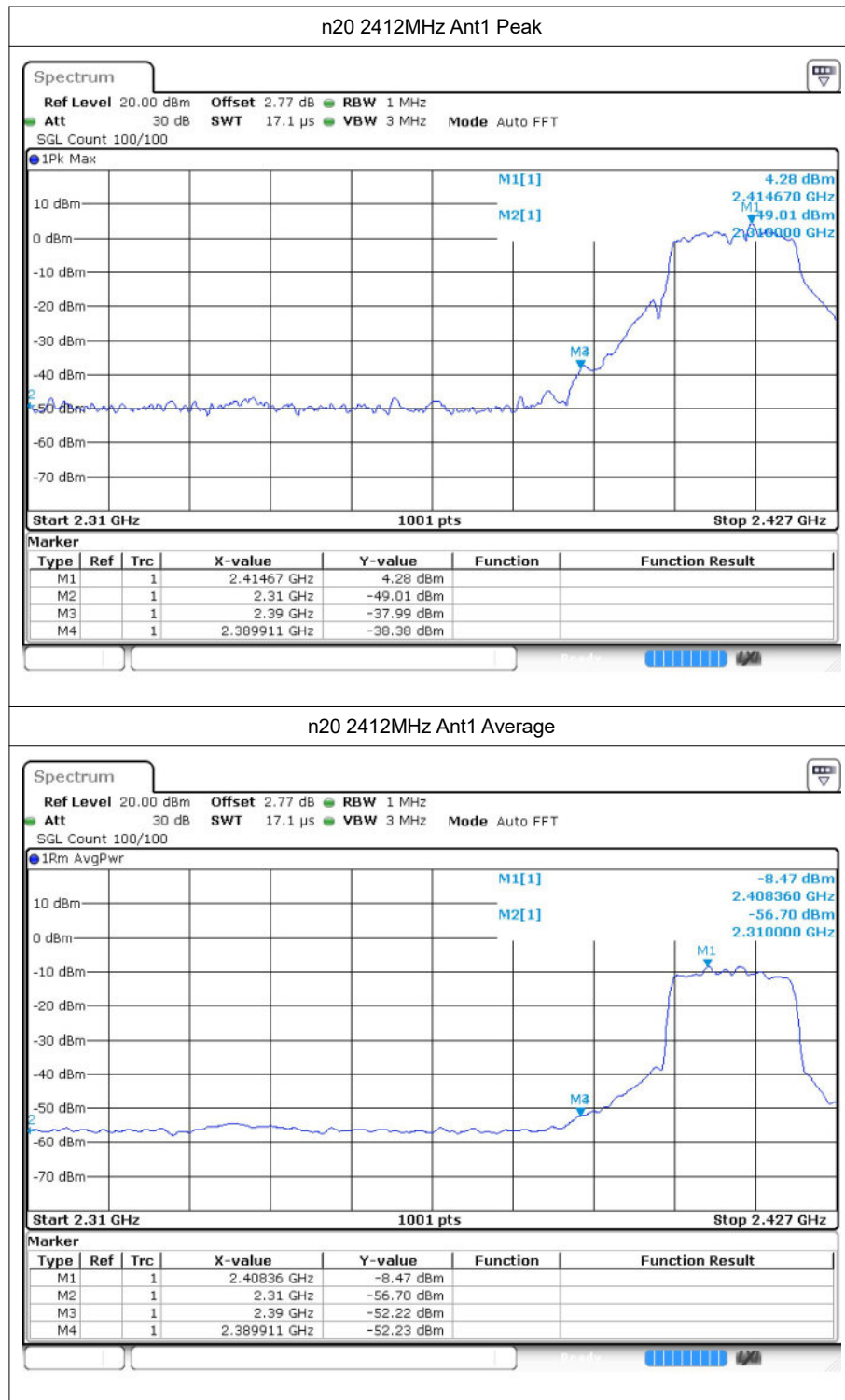
## 7.2 Test Graphs

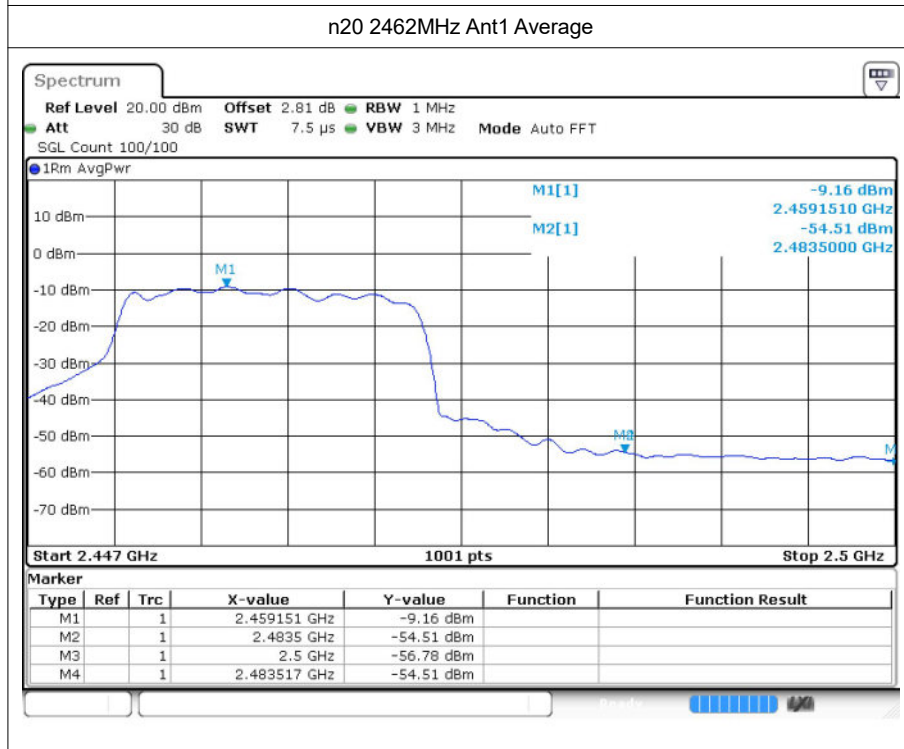
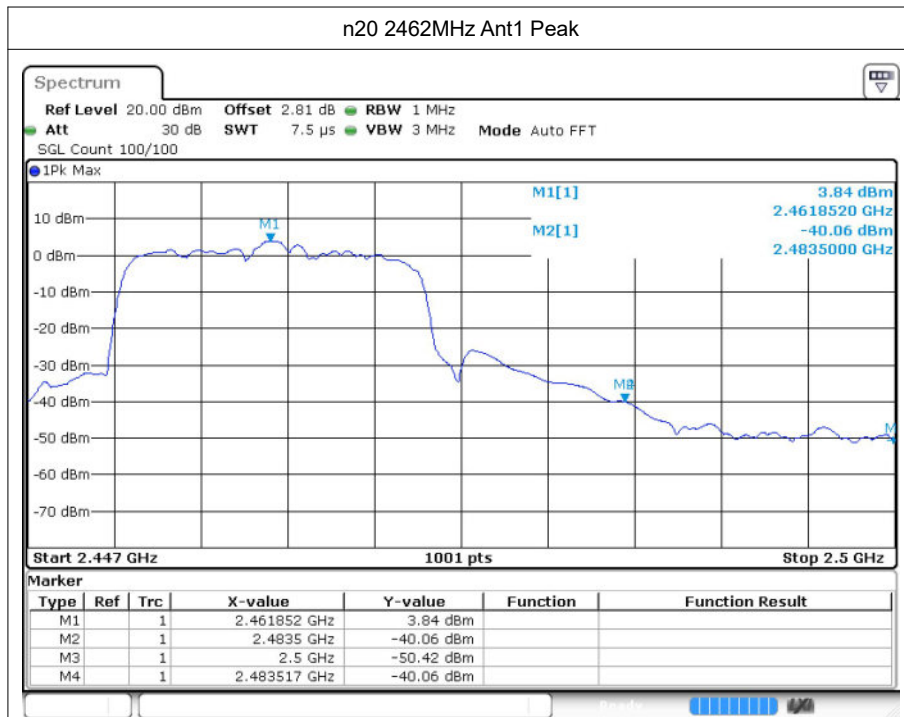


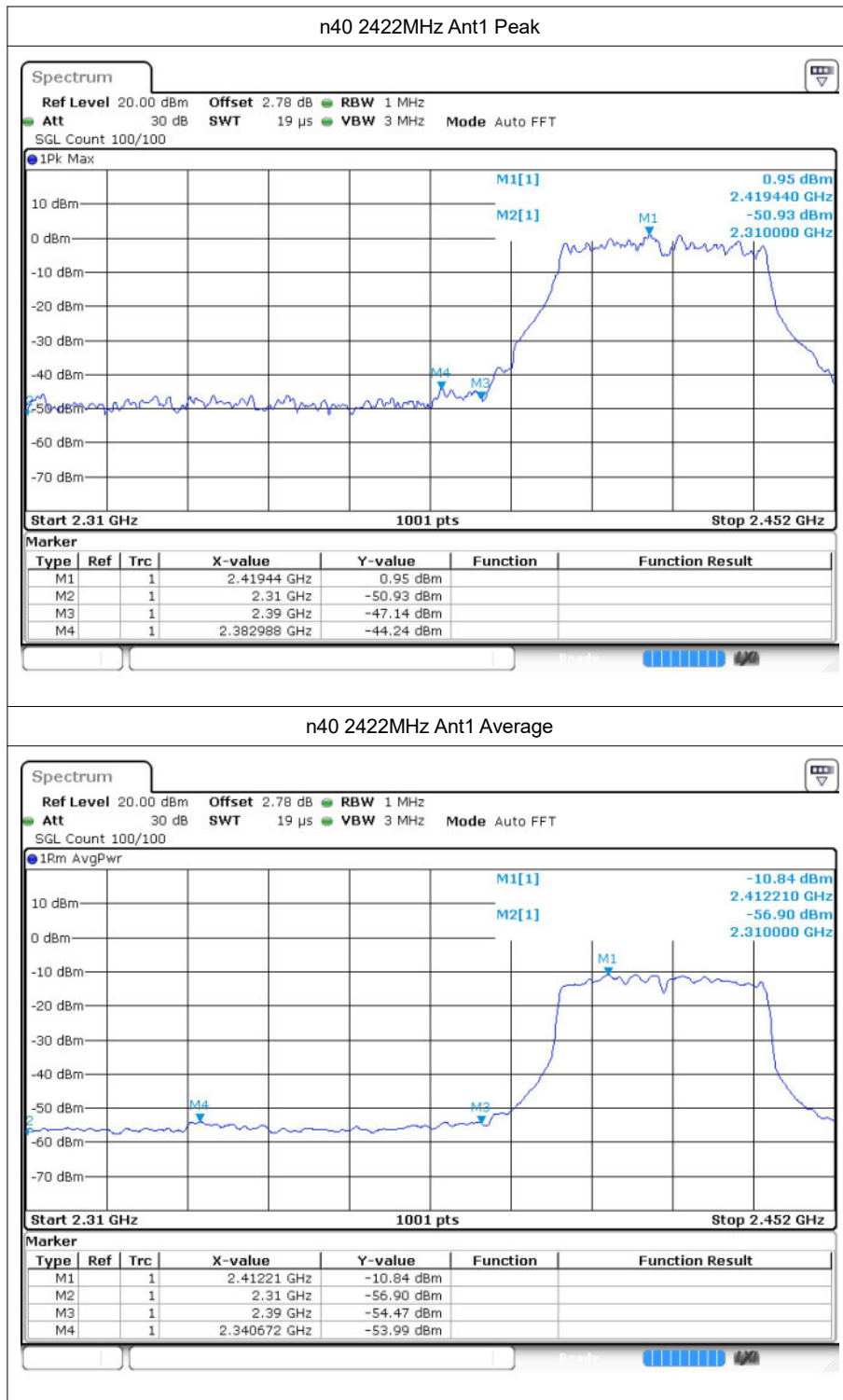


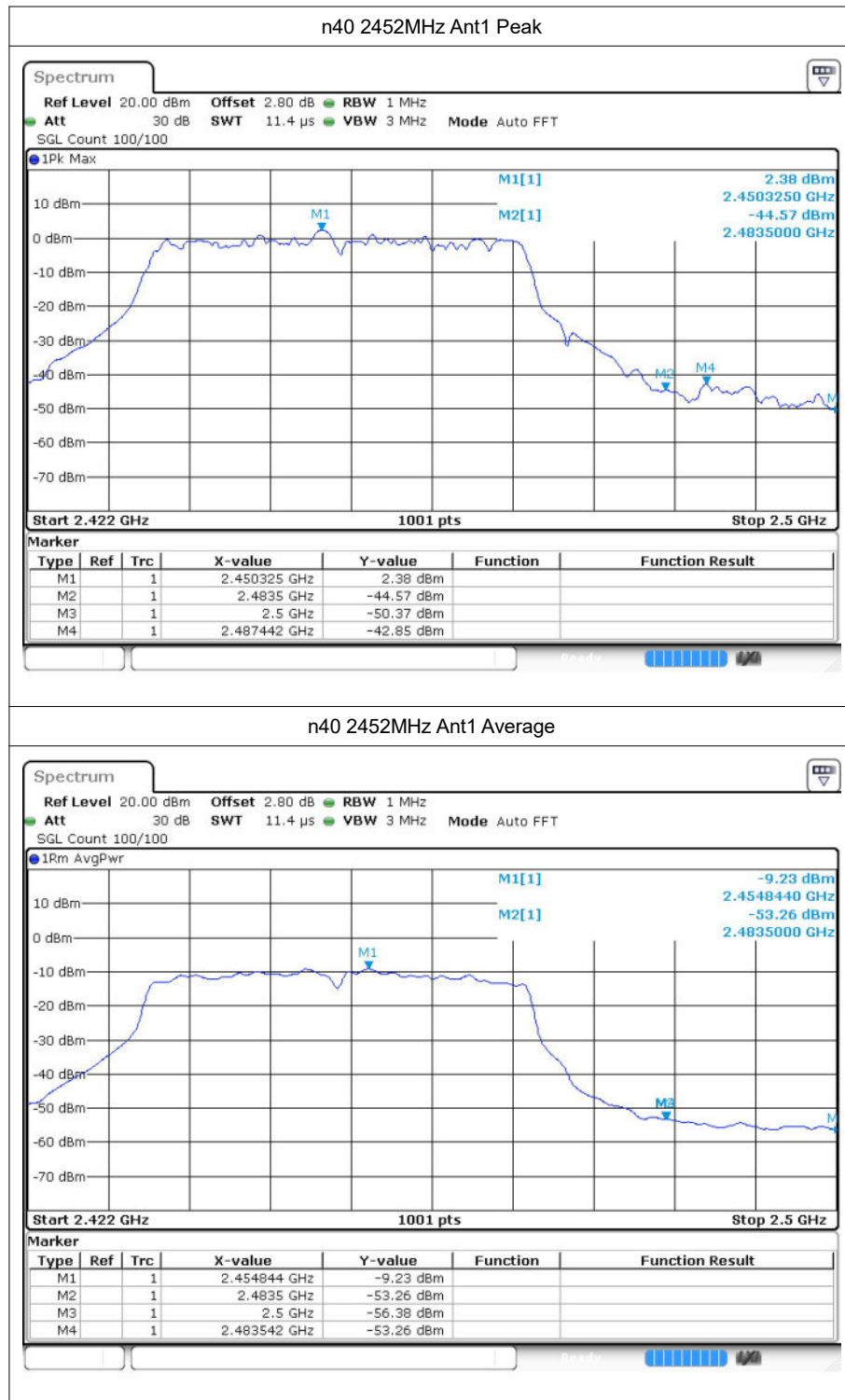


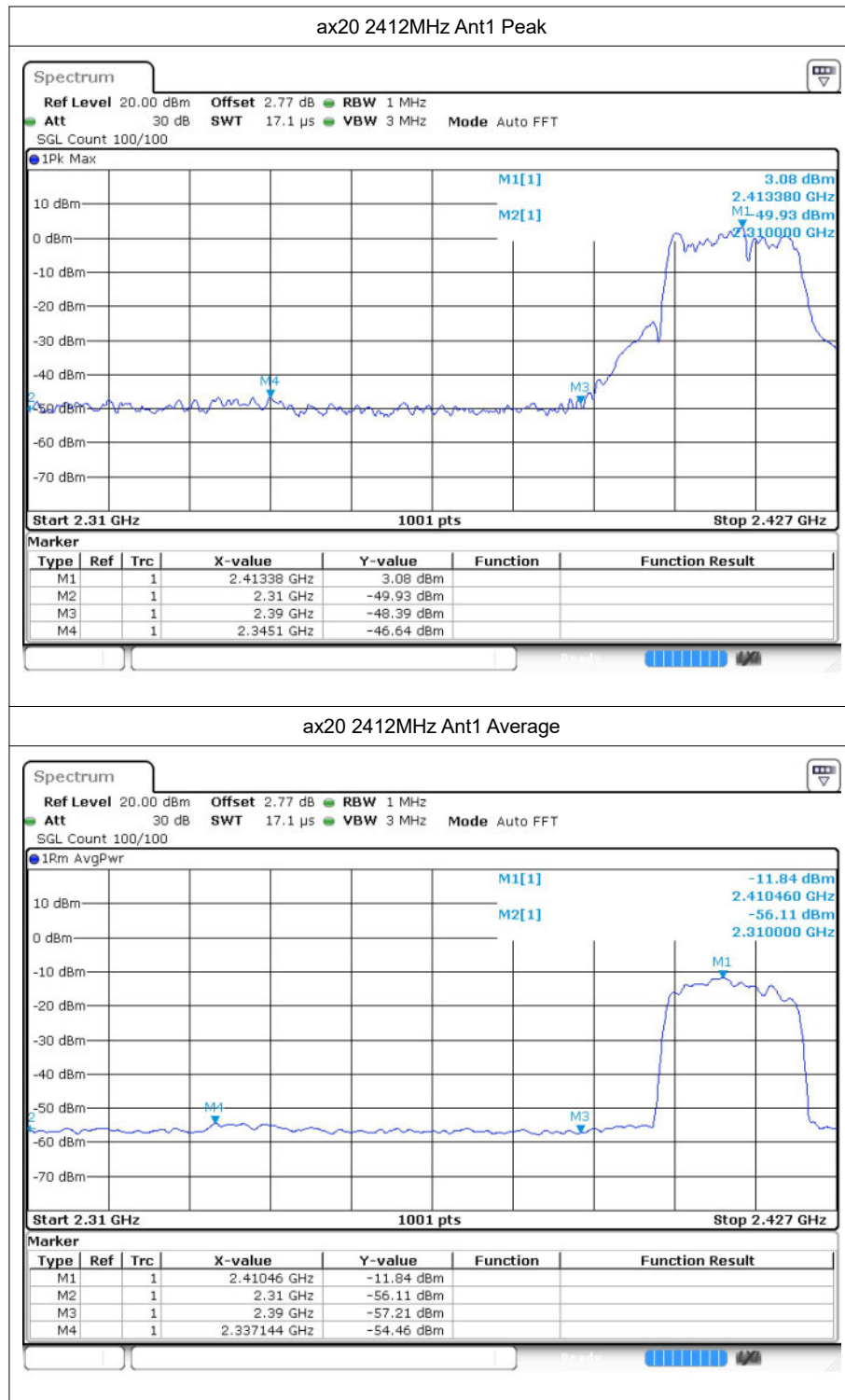


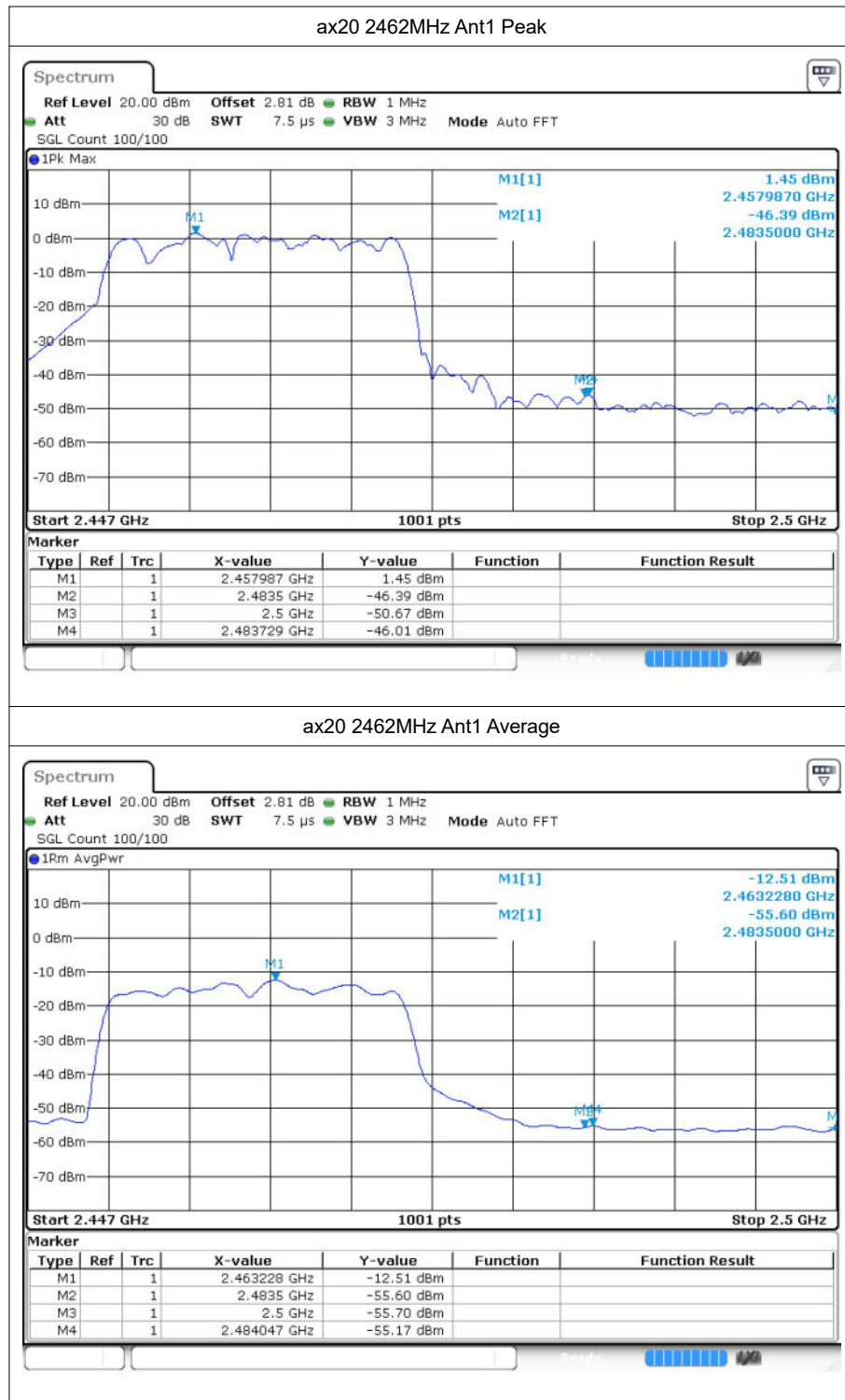


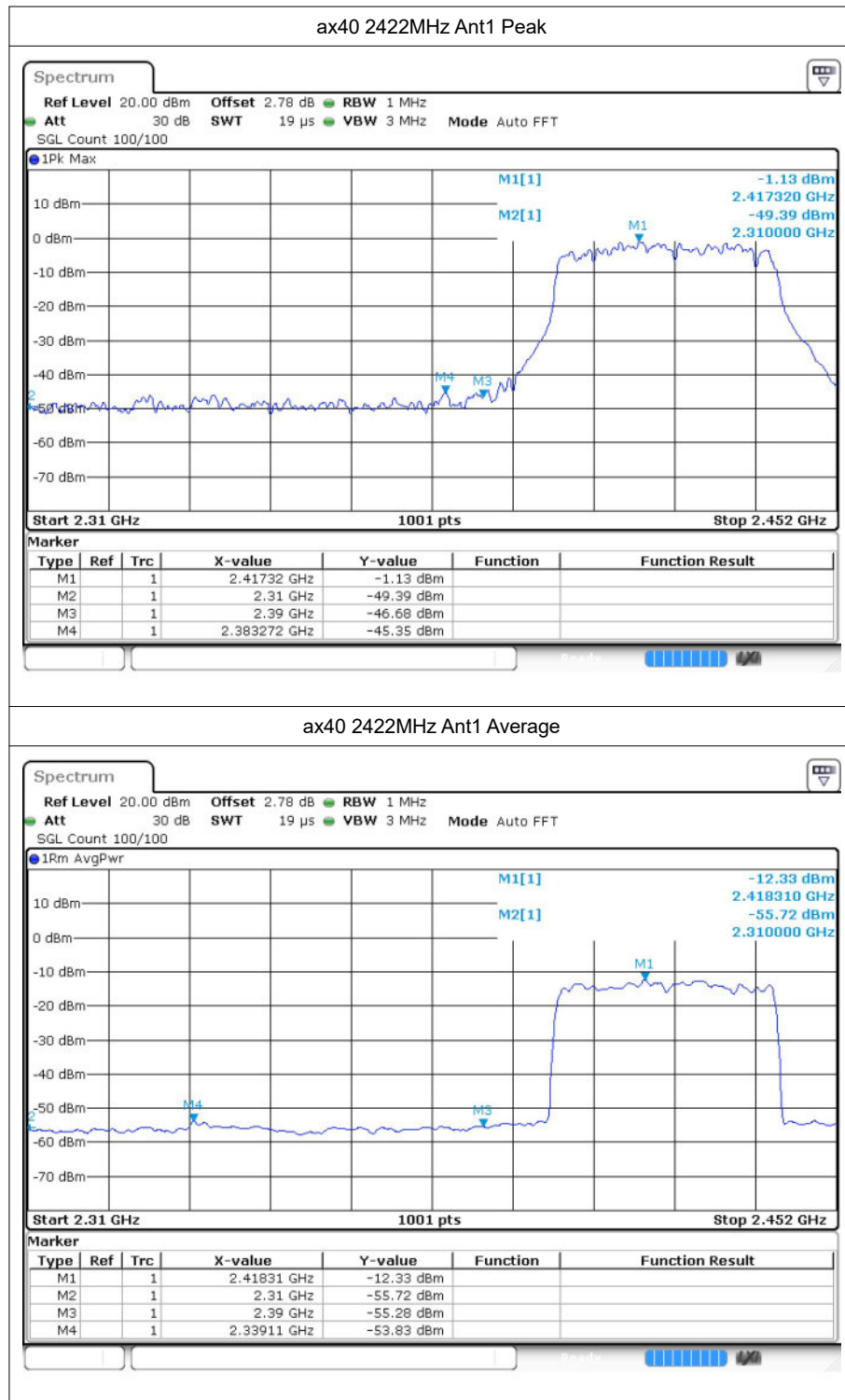


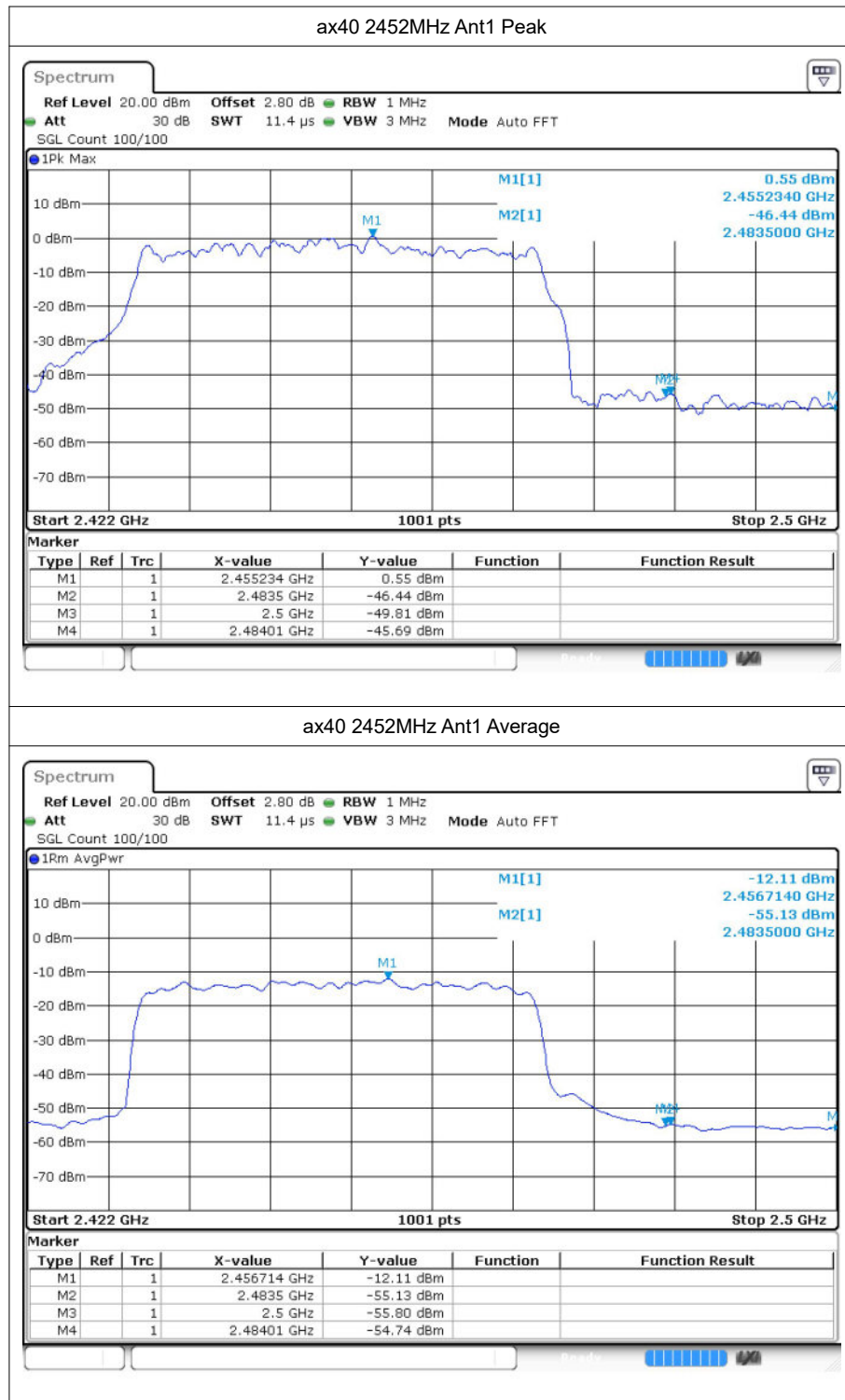












---The End---