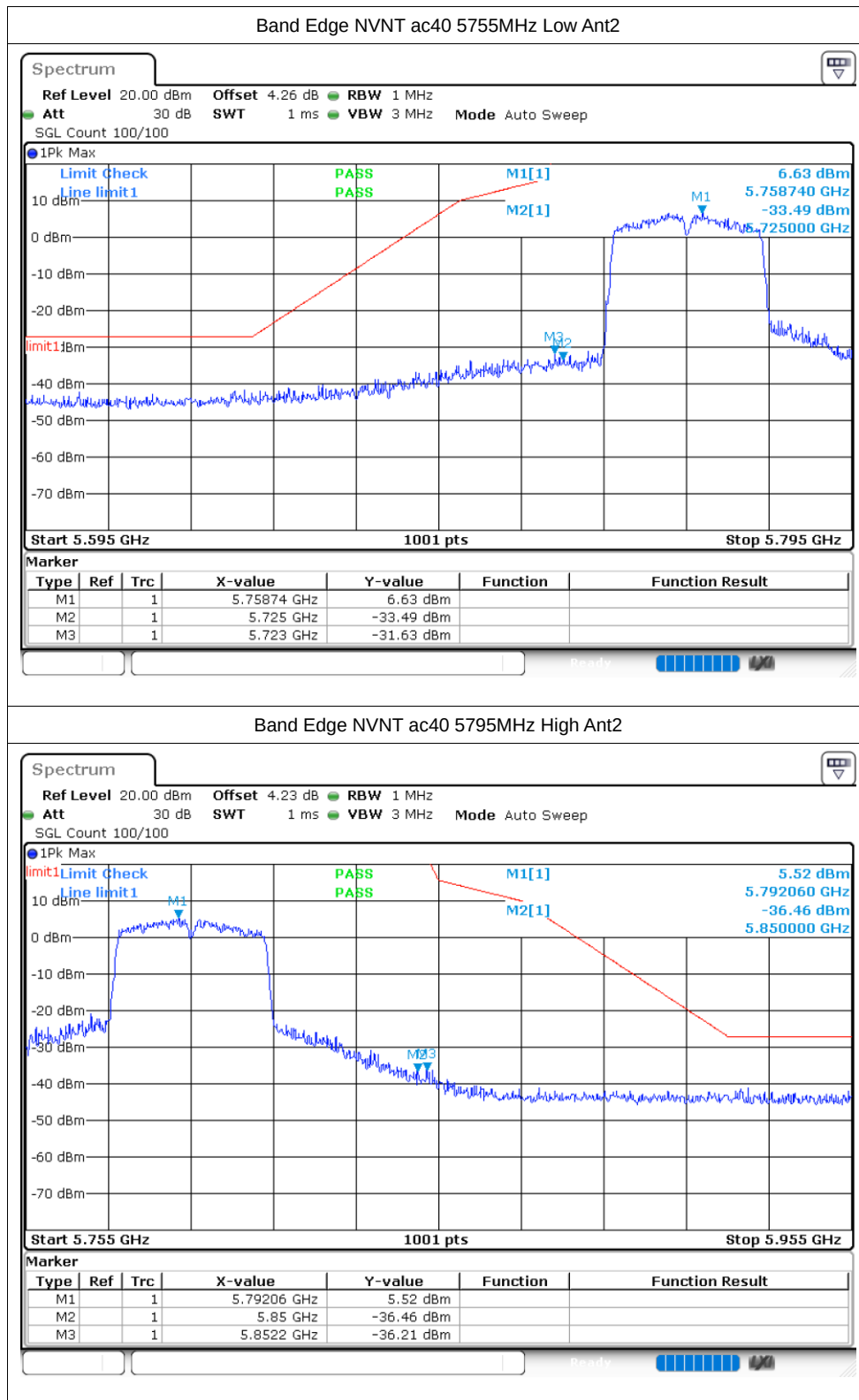
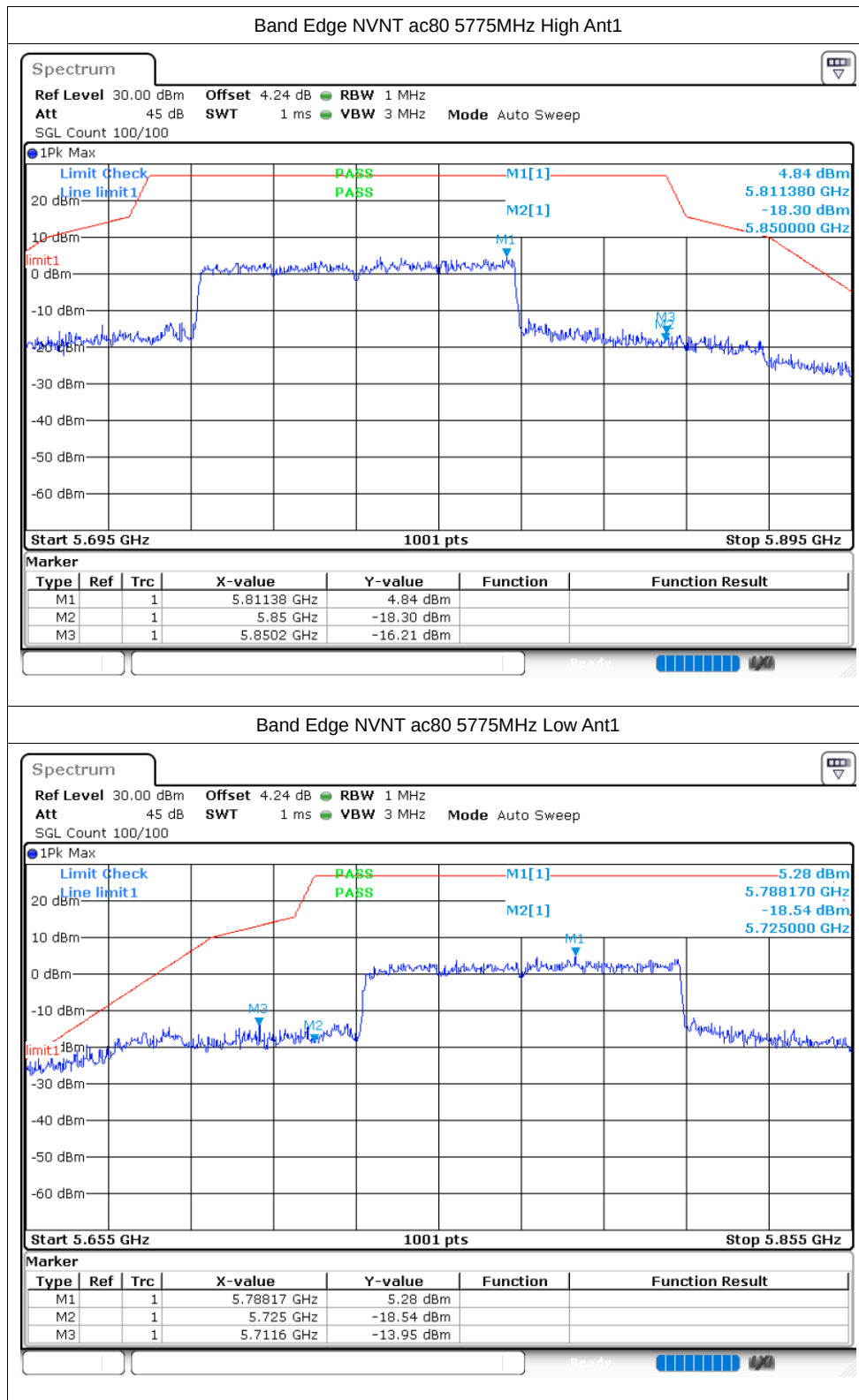
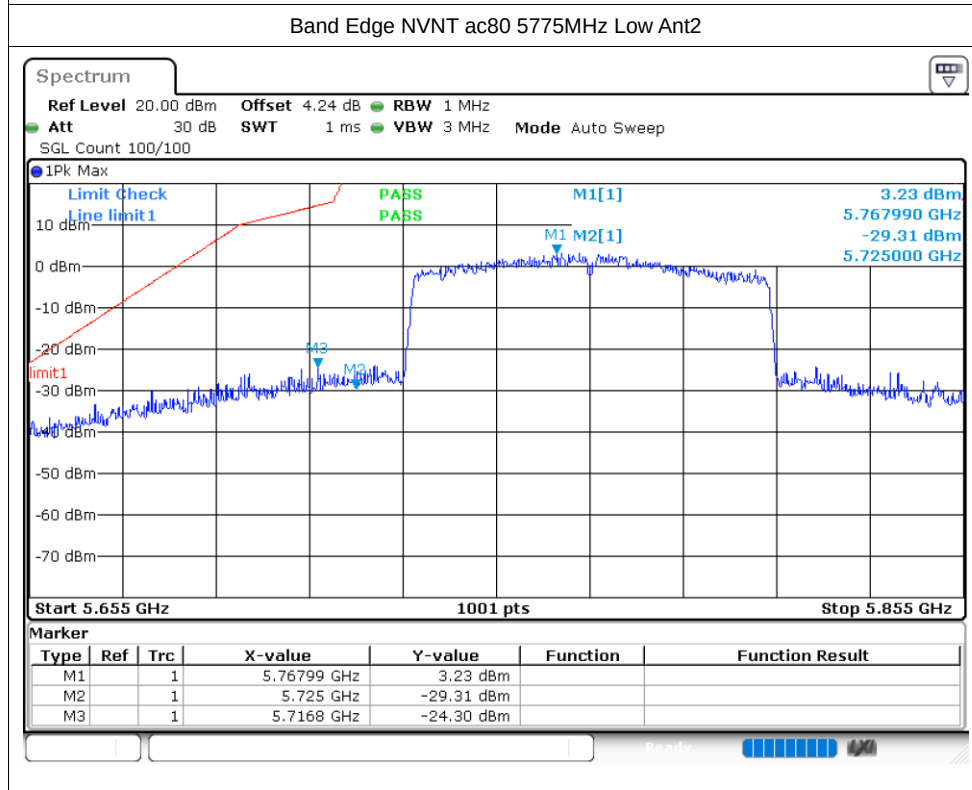
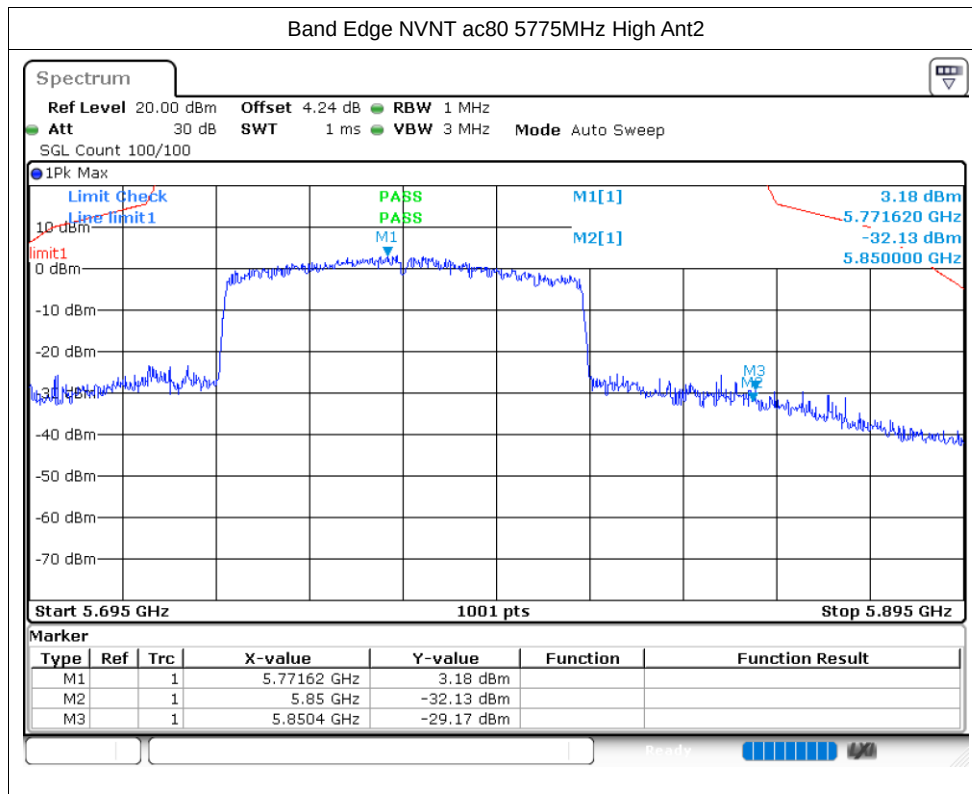
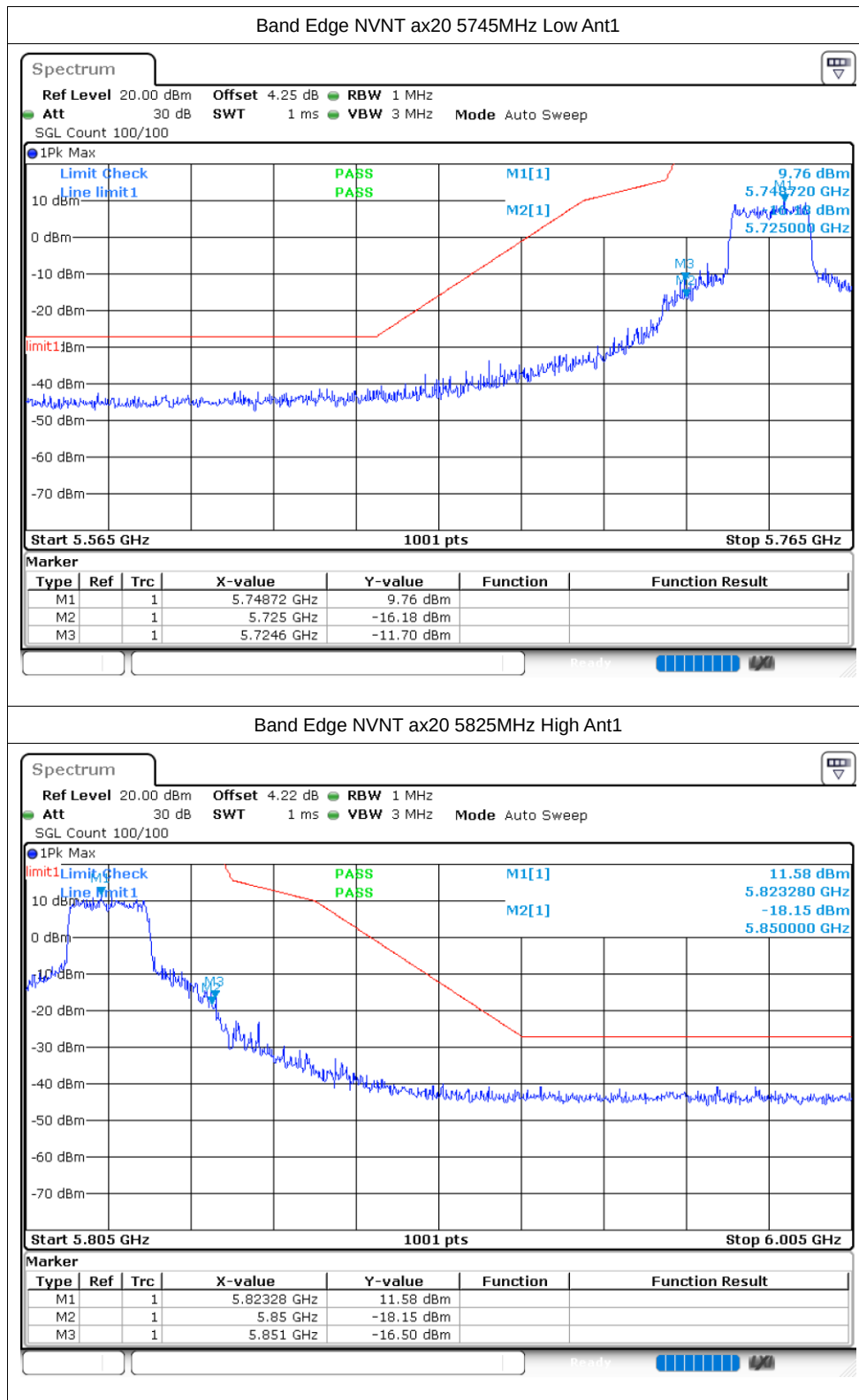
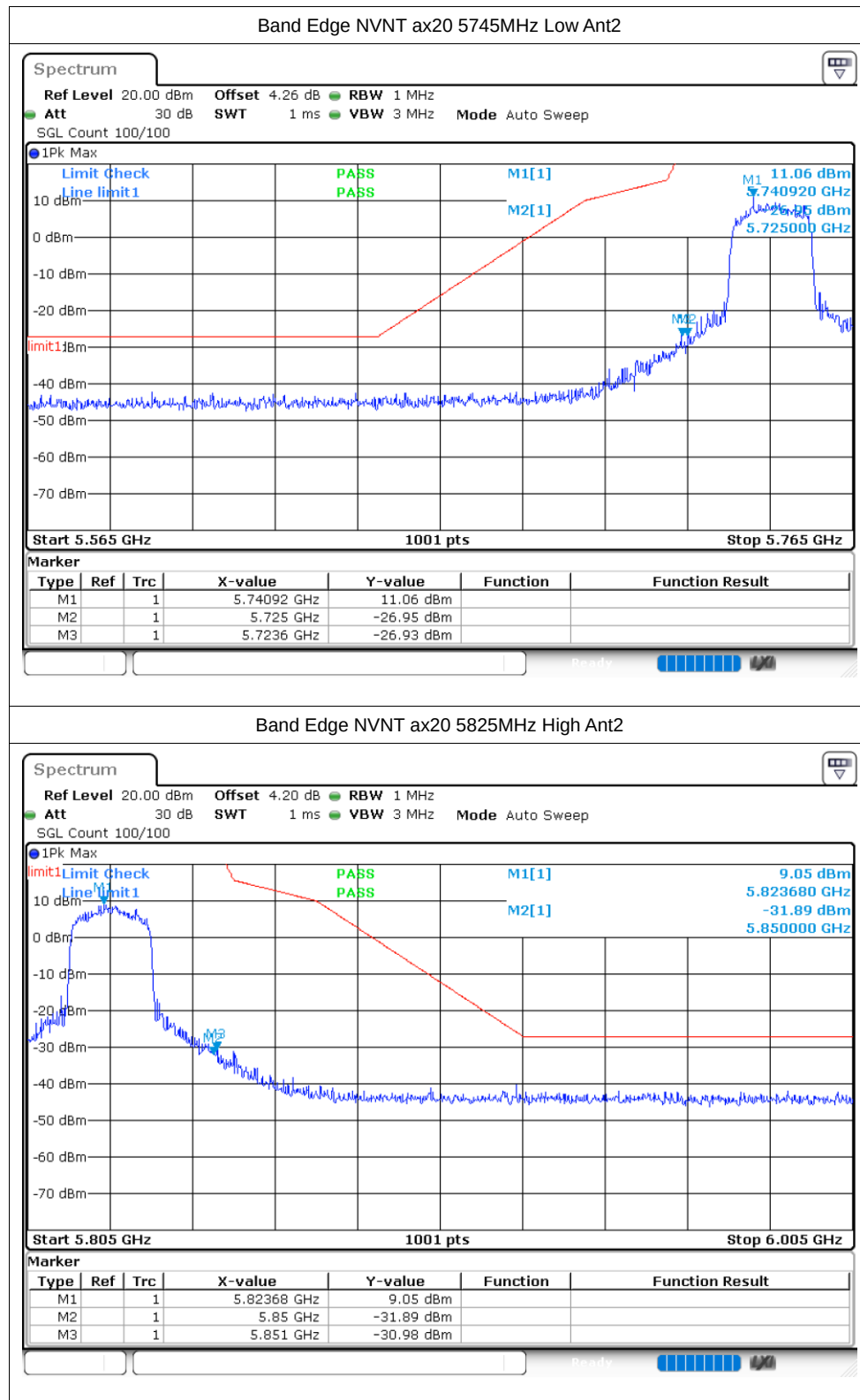


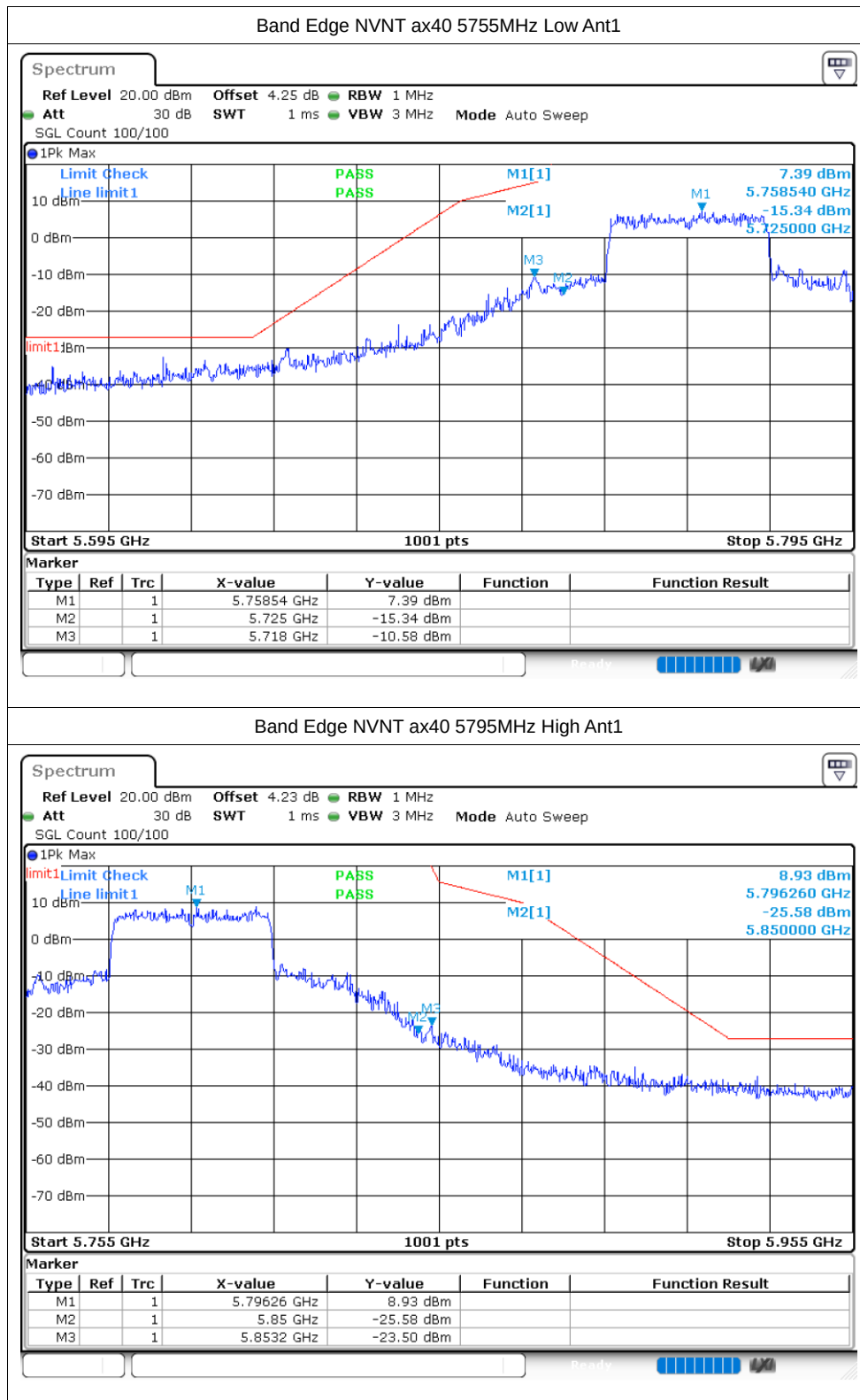


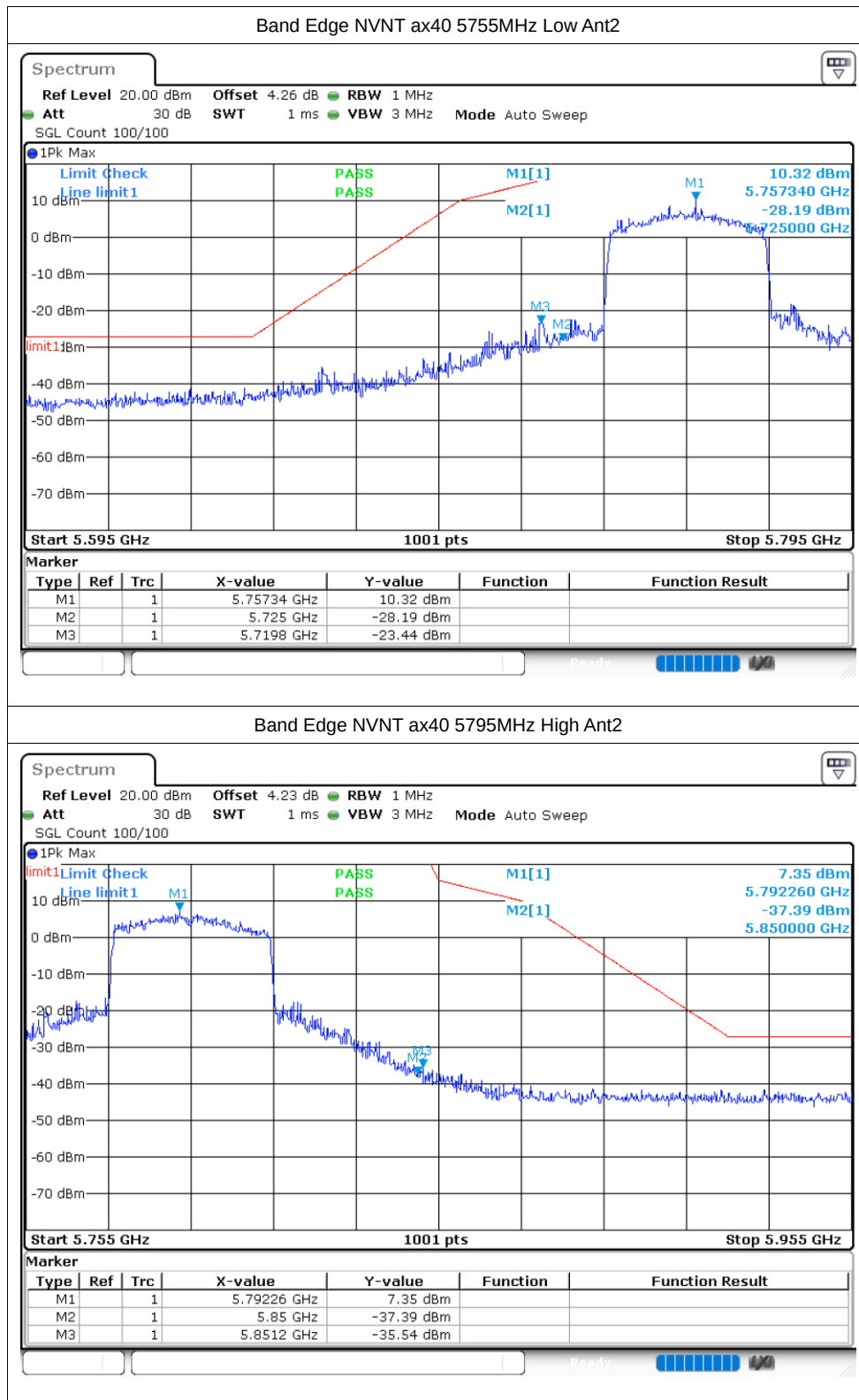


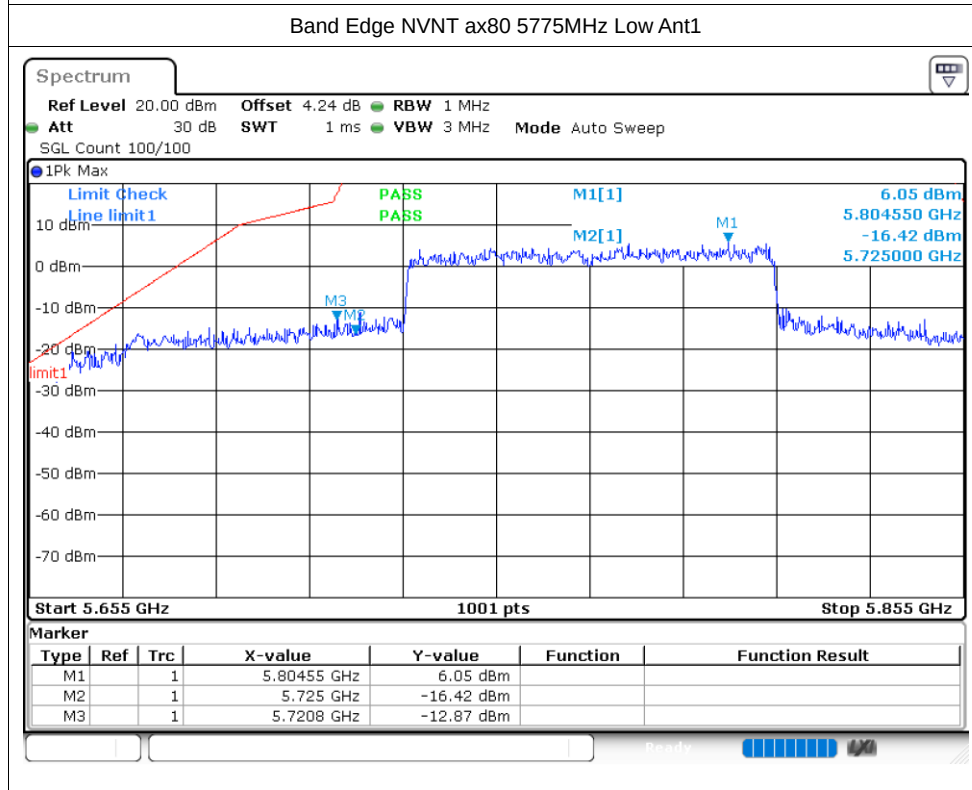
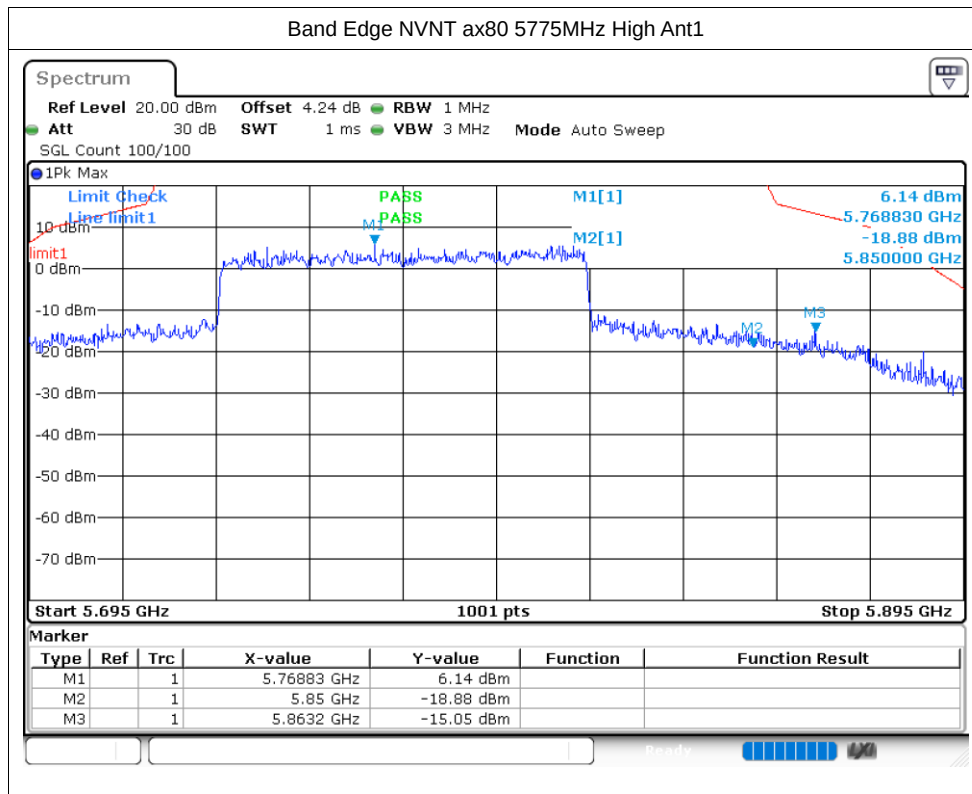


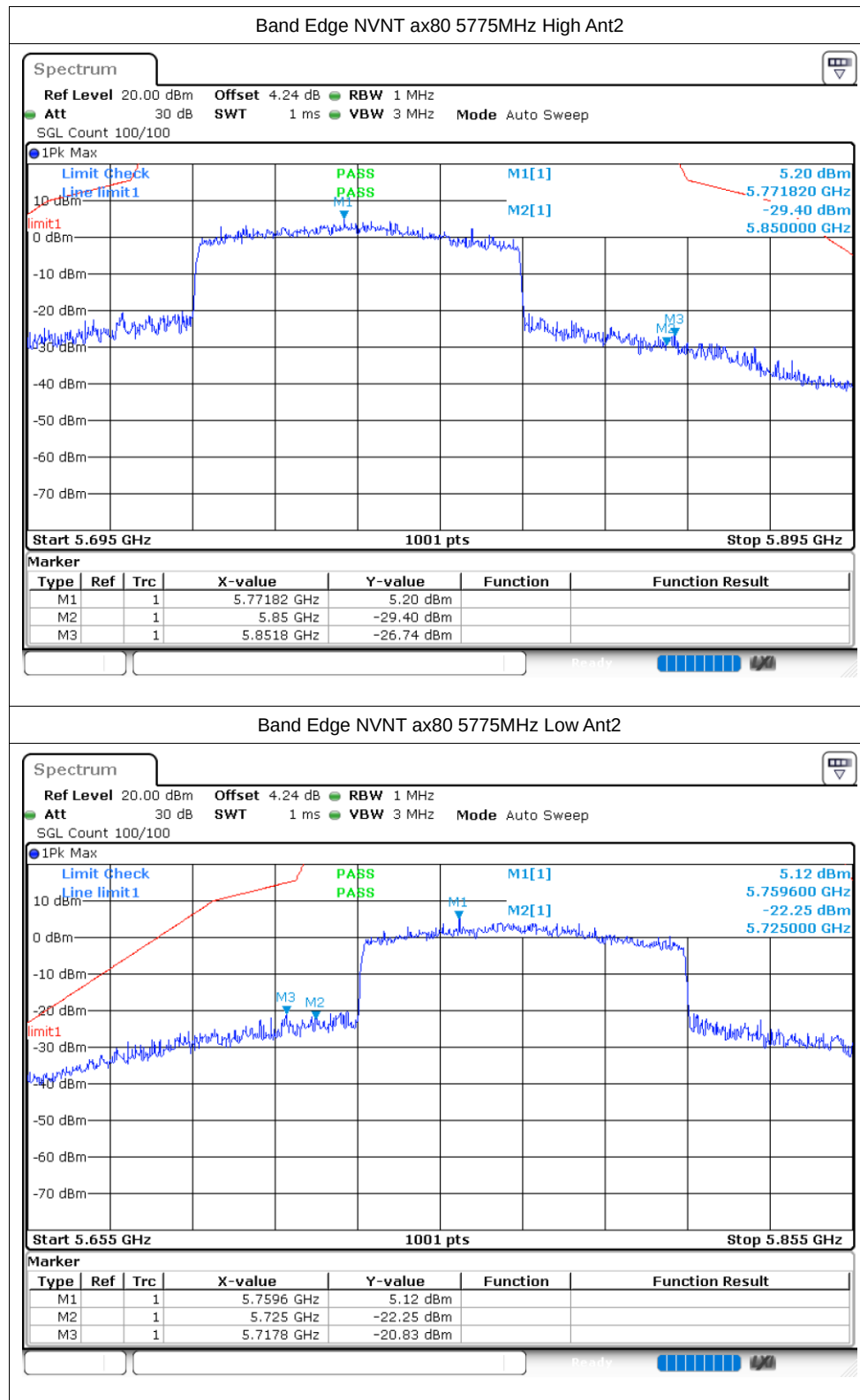










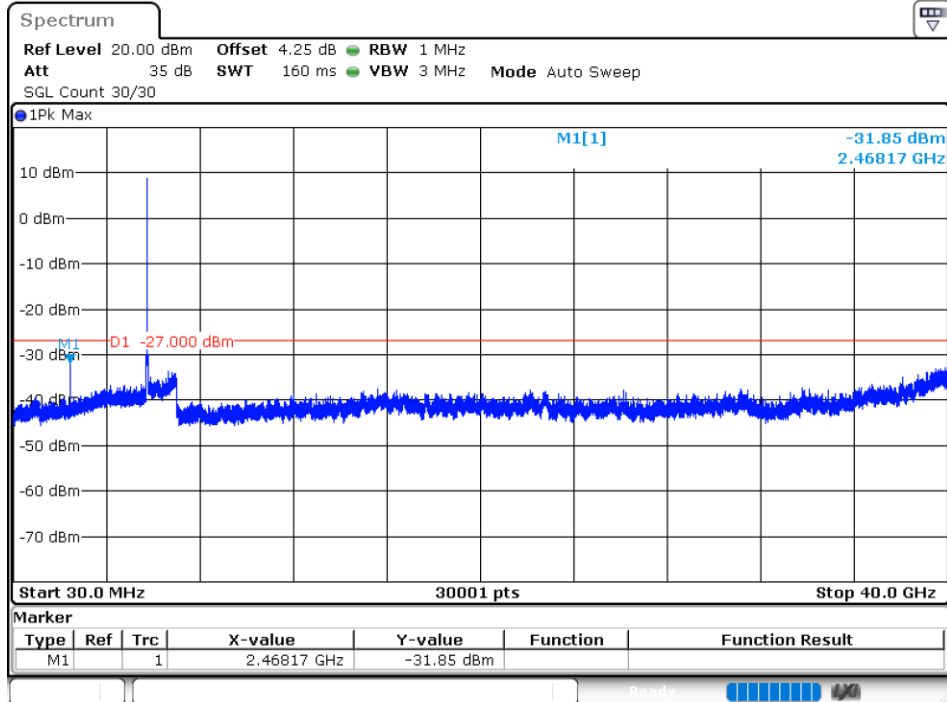


## Conducted RF Spurious Emission

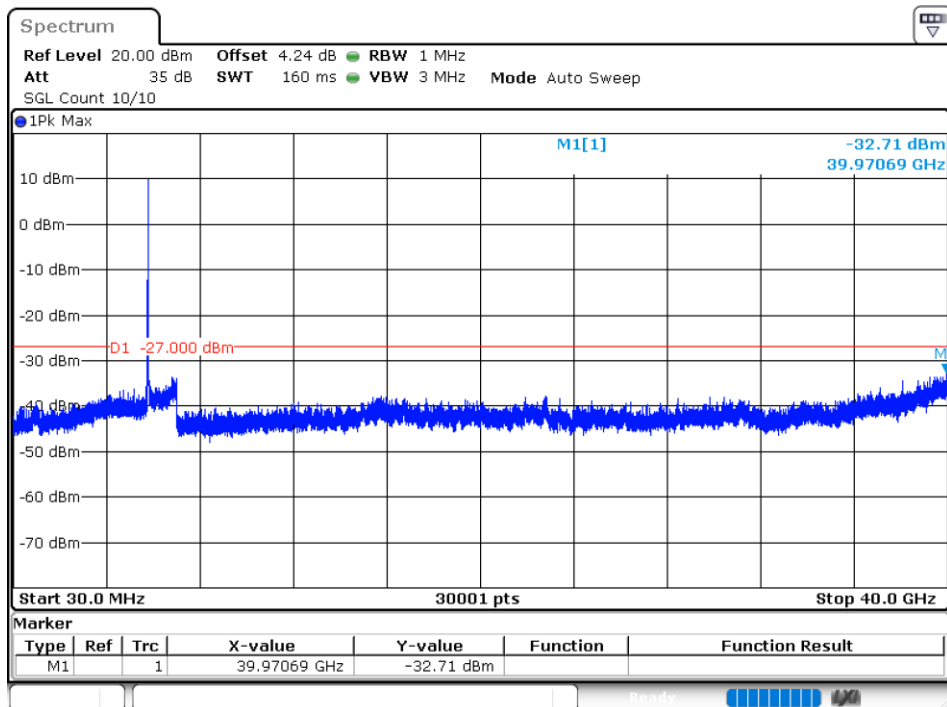
| Condition | Mode | Frequency (MHz) | Antenna | Max Value (dBc) | Limit (dBc) | Verdict |
|-----------|------|-----------------|---------|-----------------|-------------|---------|
| NVNT      | a    | 5745            | Ant1    | -31.85          | -27         | Pass    |
| NVNT      | a    | 5785            | Ant1    | -32.71          | -27         | Pass    |
| NVNT      | a    | 5825            | Ant1    | -32.67          | -27         | Pass    |
| NVNT      | a    | 5745            | Ant2    | -30.61          | -27         | Pass    |
| NVNT      | a    | 5785            | Ant2    | -33.76          | -27         | Pass    |
| NVNT      | a    | 5825            | Ant2    | -35.05          | -27         | Pass    |
| NVNT      | n20  | 5745            | Ant1    | -33.11          | -27         | Pass    |
| NVNT      | n20  | 5785            | Ant1    | -33.28          | -27         | Pass    |
| NVNT      | n20  | 5825            | Ant1    | -32.54          | -27         | Pass    |
| NVNT      | n20  | 5745            | Ant2    | -34.67          | -27         | Pass    |
| NVNT      | n20  | 5785            | Ant2    | -32.15          | -27         | Pass    |
| NVNT      | n20  | 5825            | Ant2    | -34.63          | -27         | Pass    |
| NVNT      | n40  | 5755            | Ant1    | -33.35          | -27         | Pass    |
| NVNT      | n40  | 5795            | Ant1    | -33.05          | -27         | Pass    |
| NVNT      | n40  | 5755            | Ant2    | -34.42          | -27         | Pass    |
| NVNT      | n40  | 5795            | Ant2    | -30.51          | -27         | Pass    |
| NVNT      | ac20 | 5745            | Ant1    | -32.74          | -27         | Pass    |
| NVNT      | ac20 | 5785            | Ant1    | -33.15          | -27         | Pass    |
| NVNT      | ac20 | 5825            | Ant1    | -32.3           | -27         | Pass    |
| NVNT      | ac20 | 5745            | Ant2    | -34.38          | -27         | Pass    |
| NVNT      | ac20 | 5785            | Ant2    | -34.28          | -27         | Pass    |
| NVNT      | ac20 | 5825            | Ant2    | -33.94          | -27         | Pass    |
| NVNT      | ac40 | 5755            | Ant1    | -31.81          | -27         | Pass    |
| NVNT      | ac40 | 5795            | Ant1    | -31.81          | -27         | Pass    |
| NVNT      | ac40 | 5755            | Ant2    | -34.33          | -27         | Pass    |
| NVNT      | ac40 | 5795            | Ant2    | -34.66          | -27         | Pass    |
| NVNT      | ac80 | 5775            | Ant1    | -31.11          | -27         | Pass    |
| NVNT      | ac80 | 5775            | Ant2    | -34.08          | -27         | Pass    |
| NVNT      | ax20 | 5745            | Ant1    | -31.46          | -27         | Pass    |
| NVNT      | ax20 | 5785            | Ant1    | -31.02          | -27         | Pass    |
| NVNT      | ax20 | 5825            | Ant1    | -34.22          | -27         | Pass    |
| NVNT      | ax20 | 5745            | Ant2    | -34.55          | -27         | Pass    |
| NVNT      | ax20 | 5785            | Ant2    | -30.49          | -27         | Pass    |
| NVNT      | ax20 | 5825            | Ant2    | -34.37          | -27         | Pass    |
| NVNT      | ax40 | 5755            | Ant1    | -32.69          | -27         | Pass    |
| NVNT      | ax40 | 5795            | Ant1    | -30.22          | -27         | Pass    |
| NVNT      | ax40 | 5755            | Ant2    | -34.74          | -27         | Pass    |
| NVNT      | ax40 | 5795            | Ant2    | -34.44          | -27         | Pass    |
| NVNT      | ax80 | 5775            | Ant1    | -29.46          | -27         | Pass    |
| NVNT      | ax80 | 5775            | Ant2    | -31.53          | -27         | Pass    |

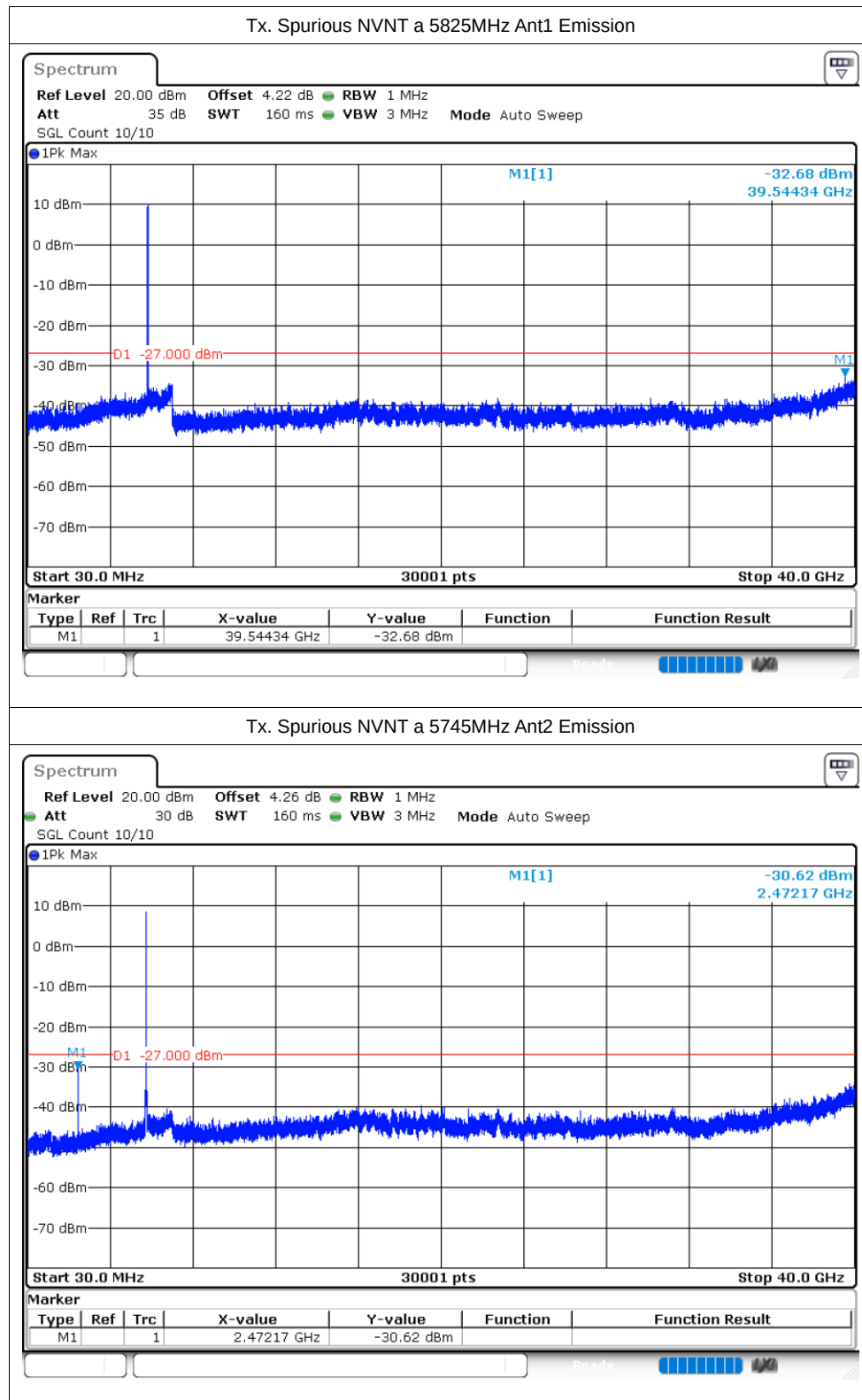
Test Graphs

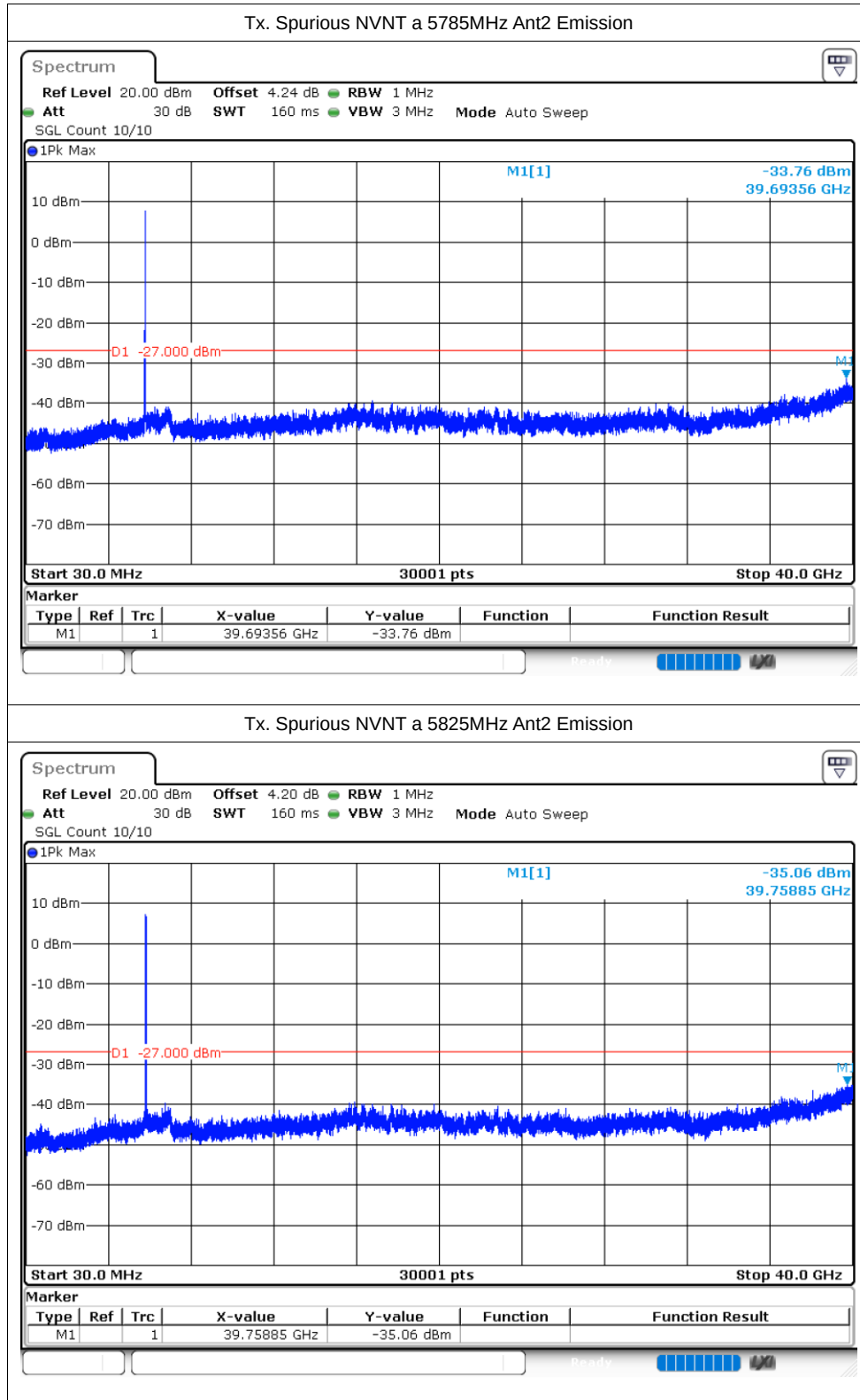
Tx. Spurious NVNT a 5745MHz Ant1 Emission

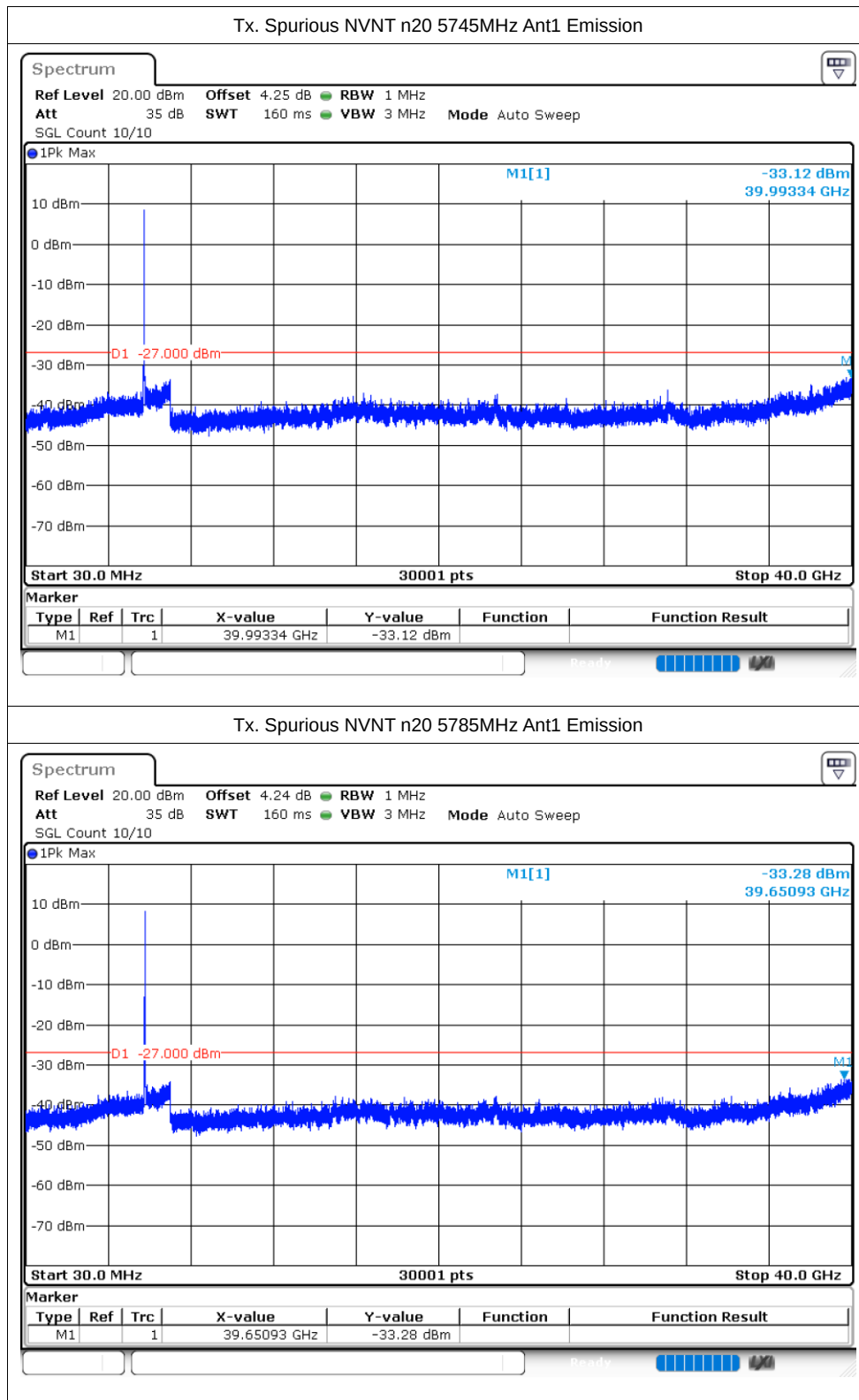


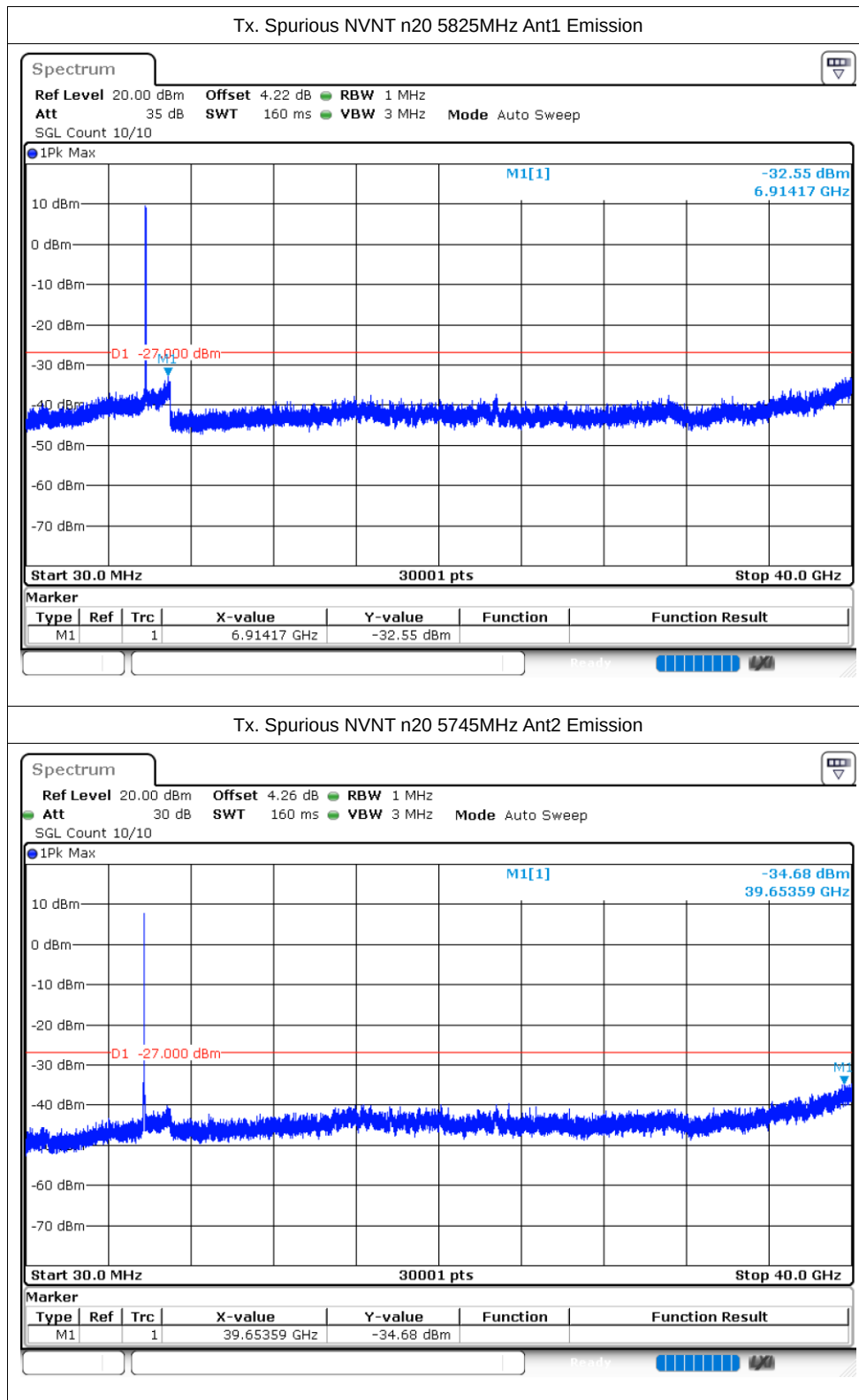
Tx. Spurious NVNT a 5785MHz Ant1 Emission

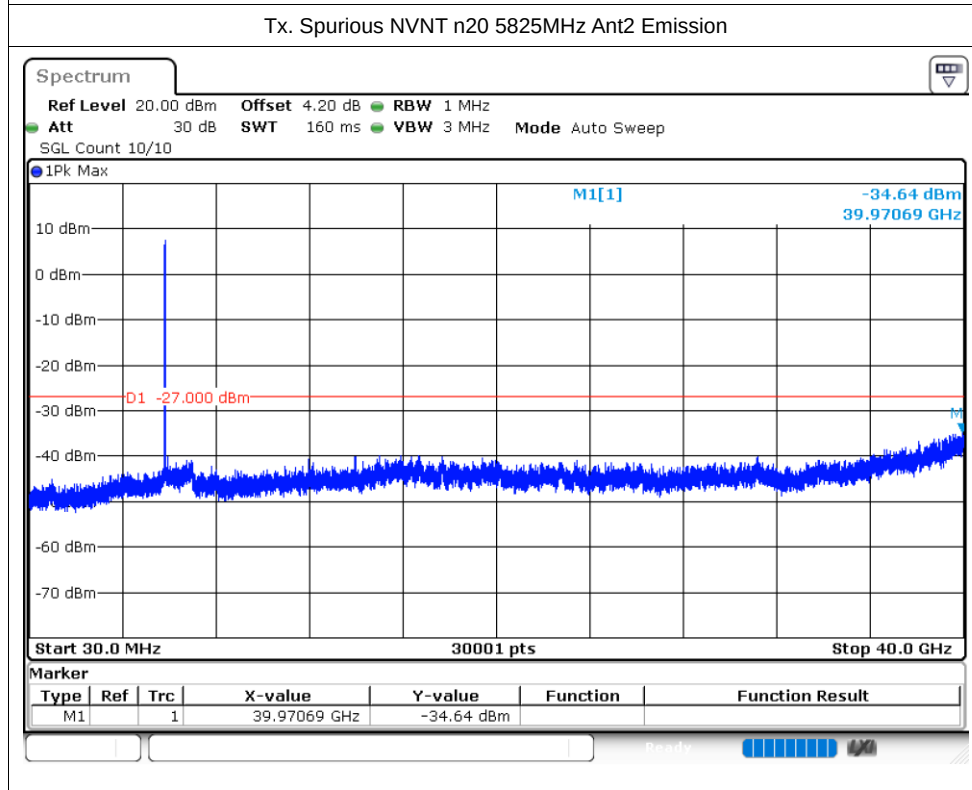
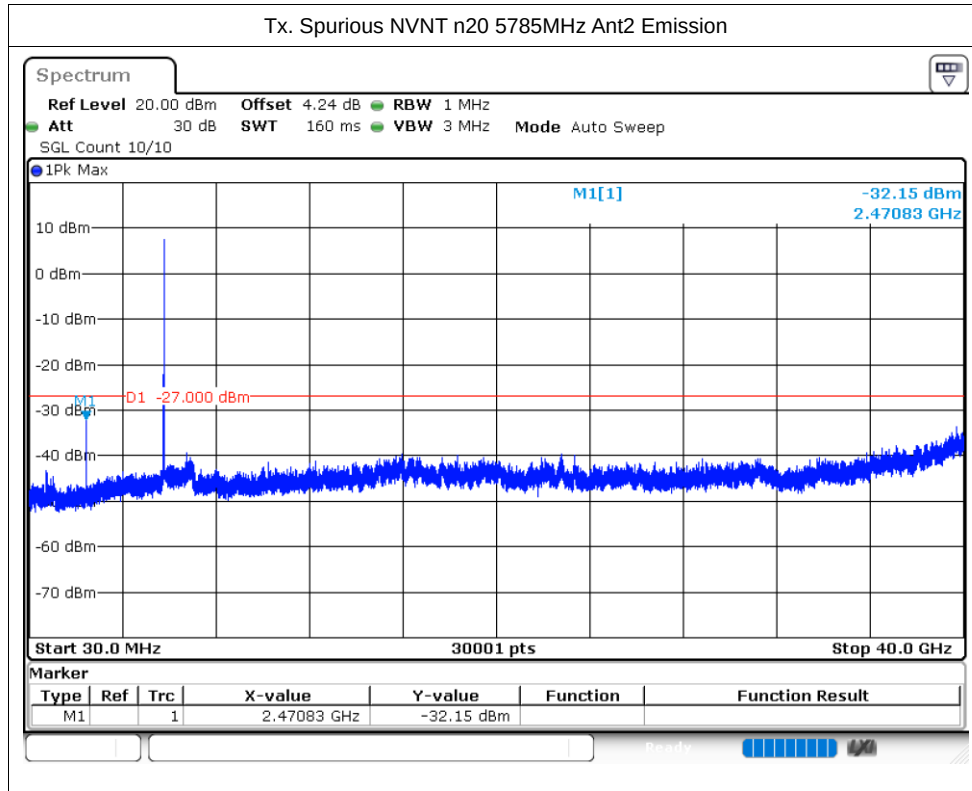


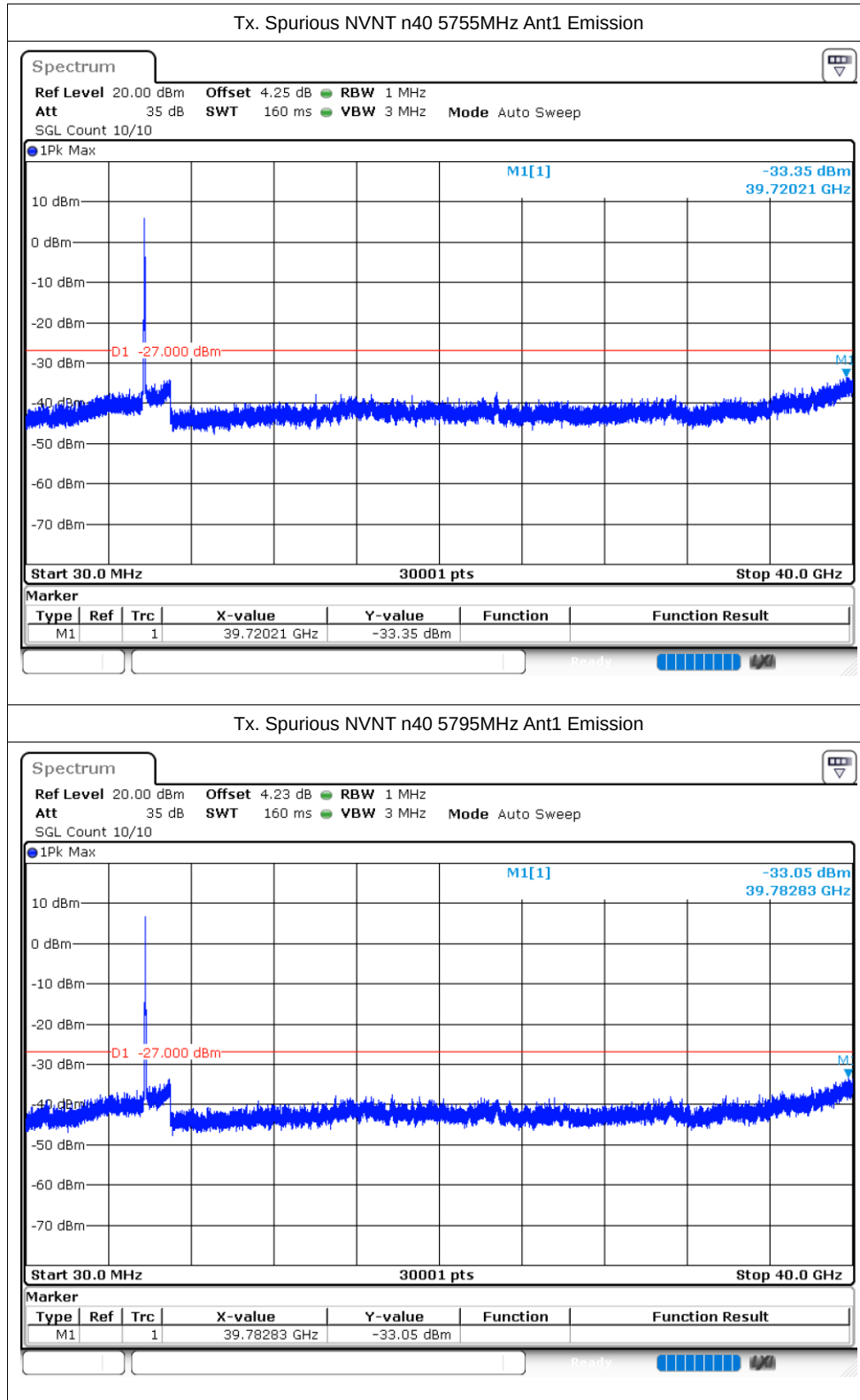


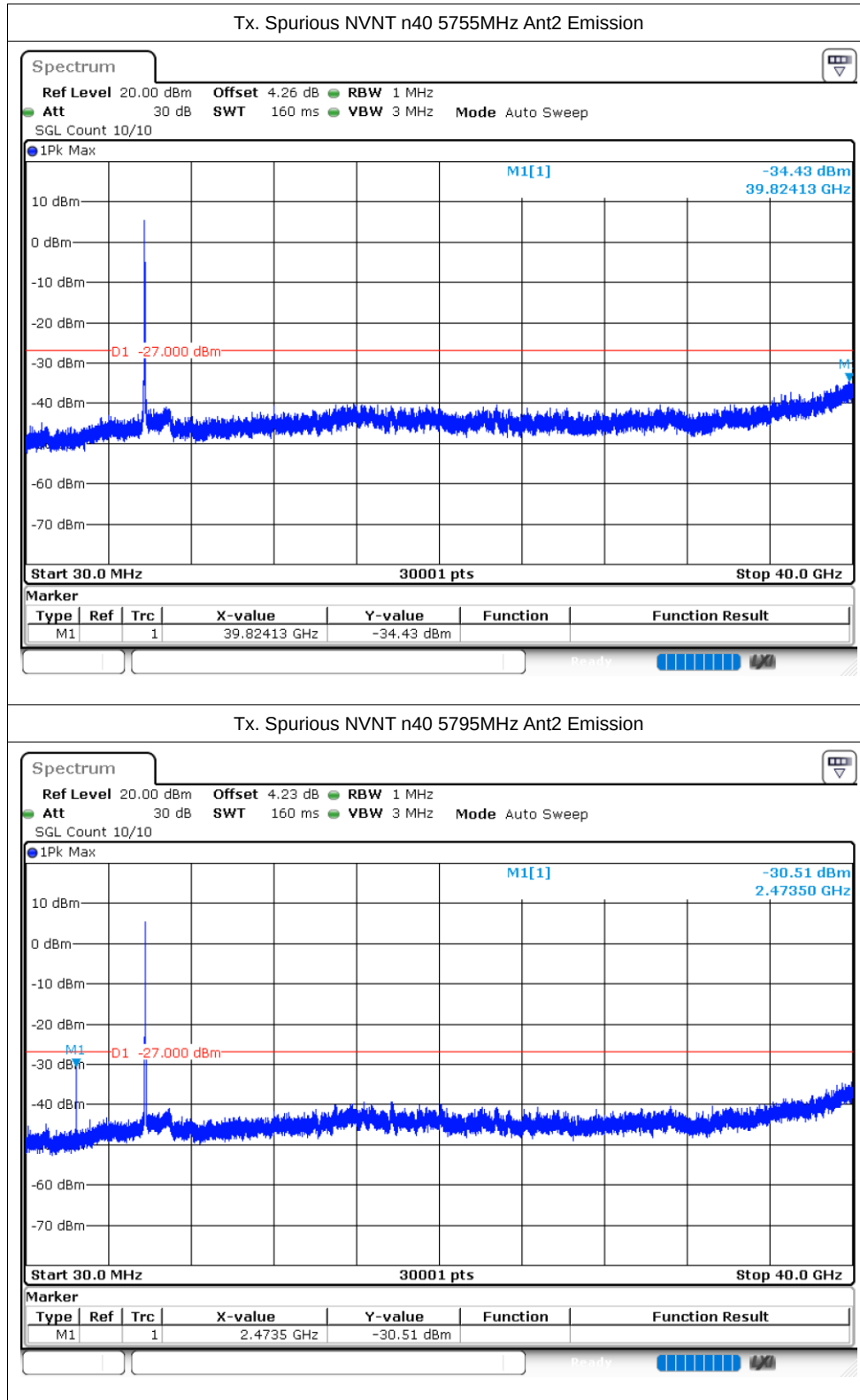


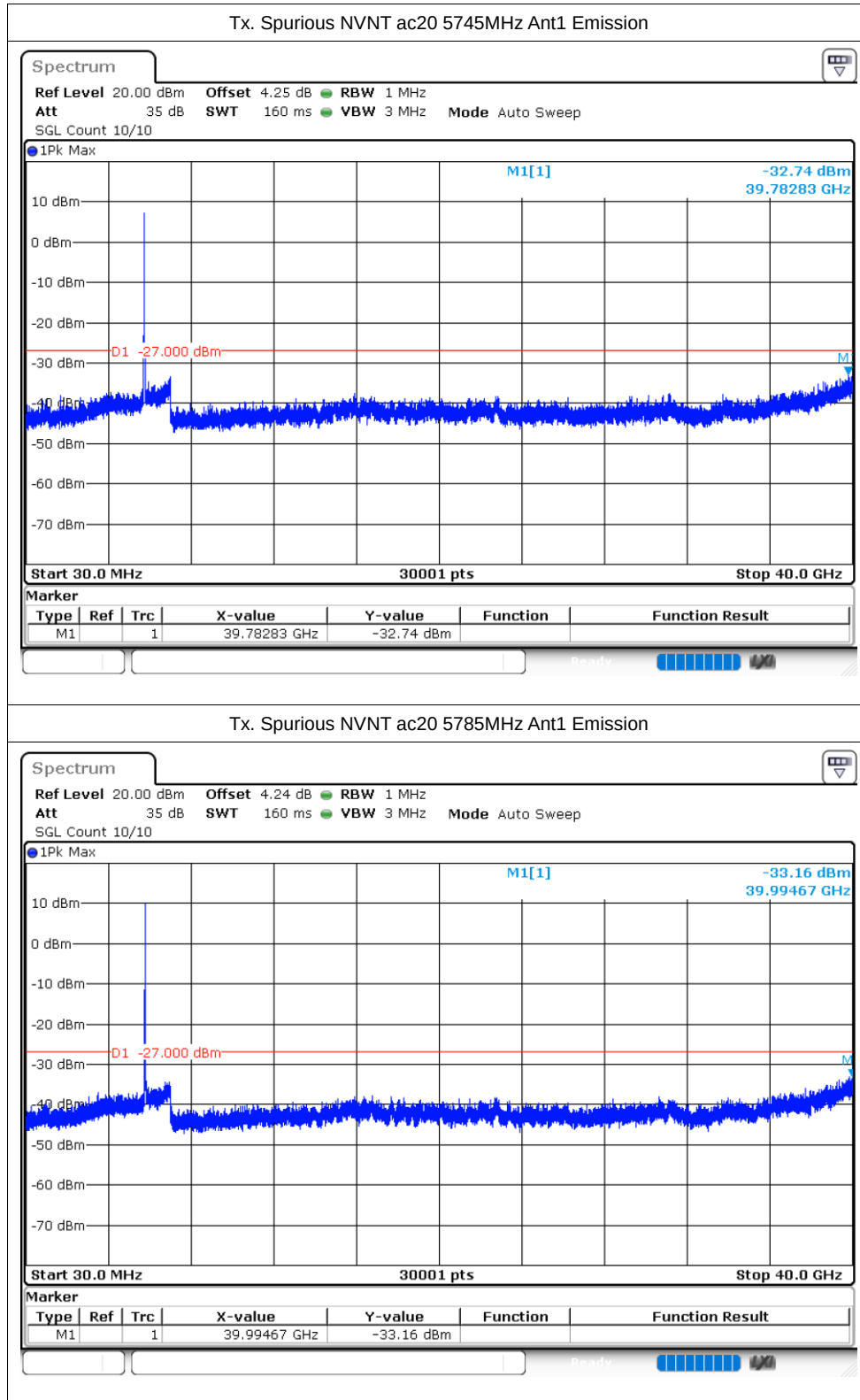


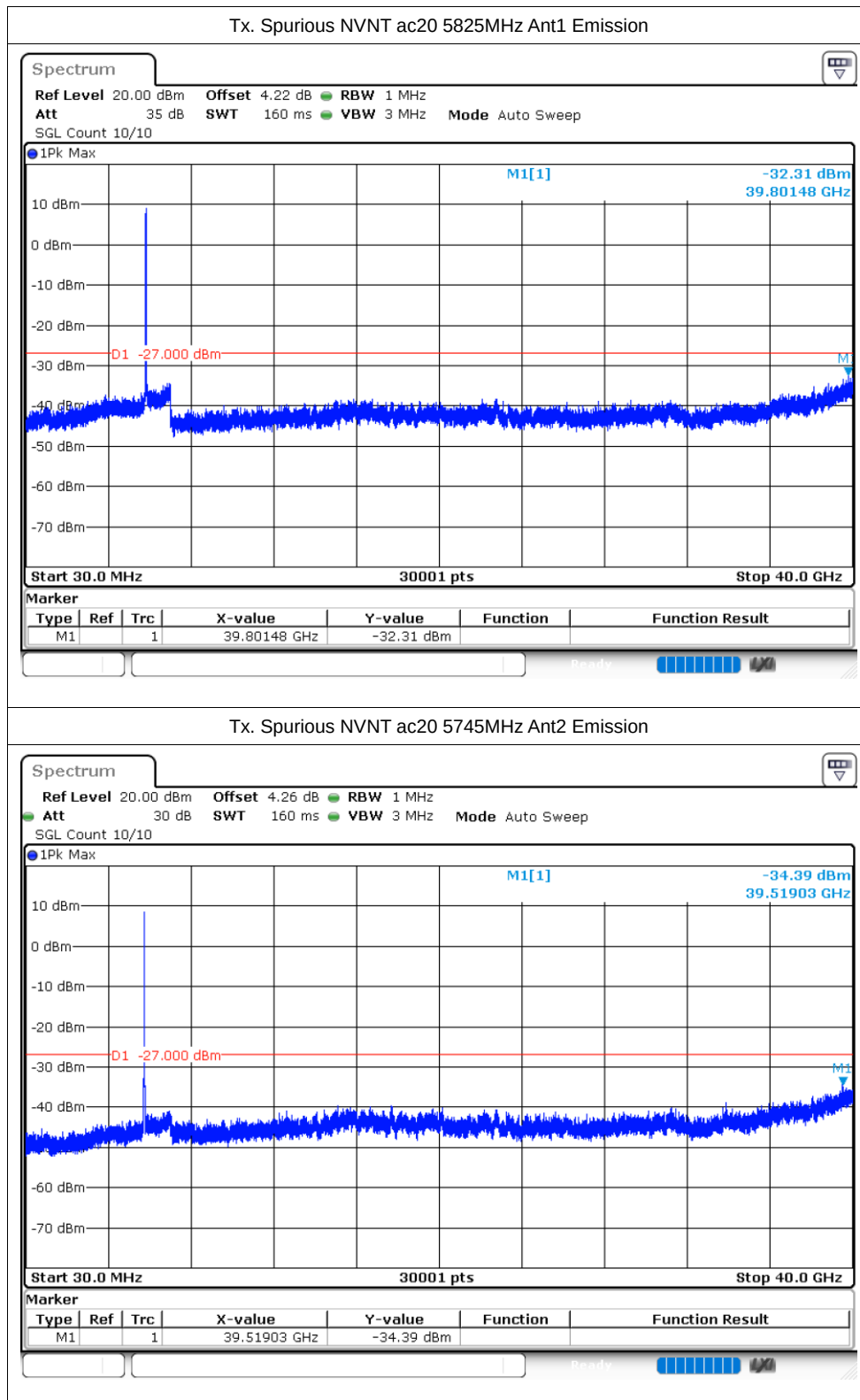


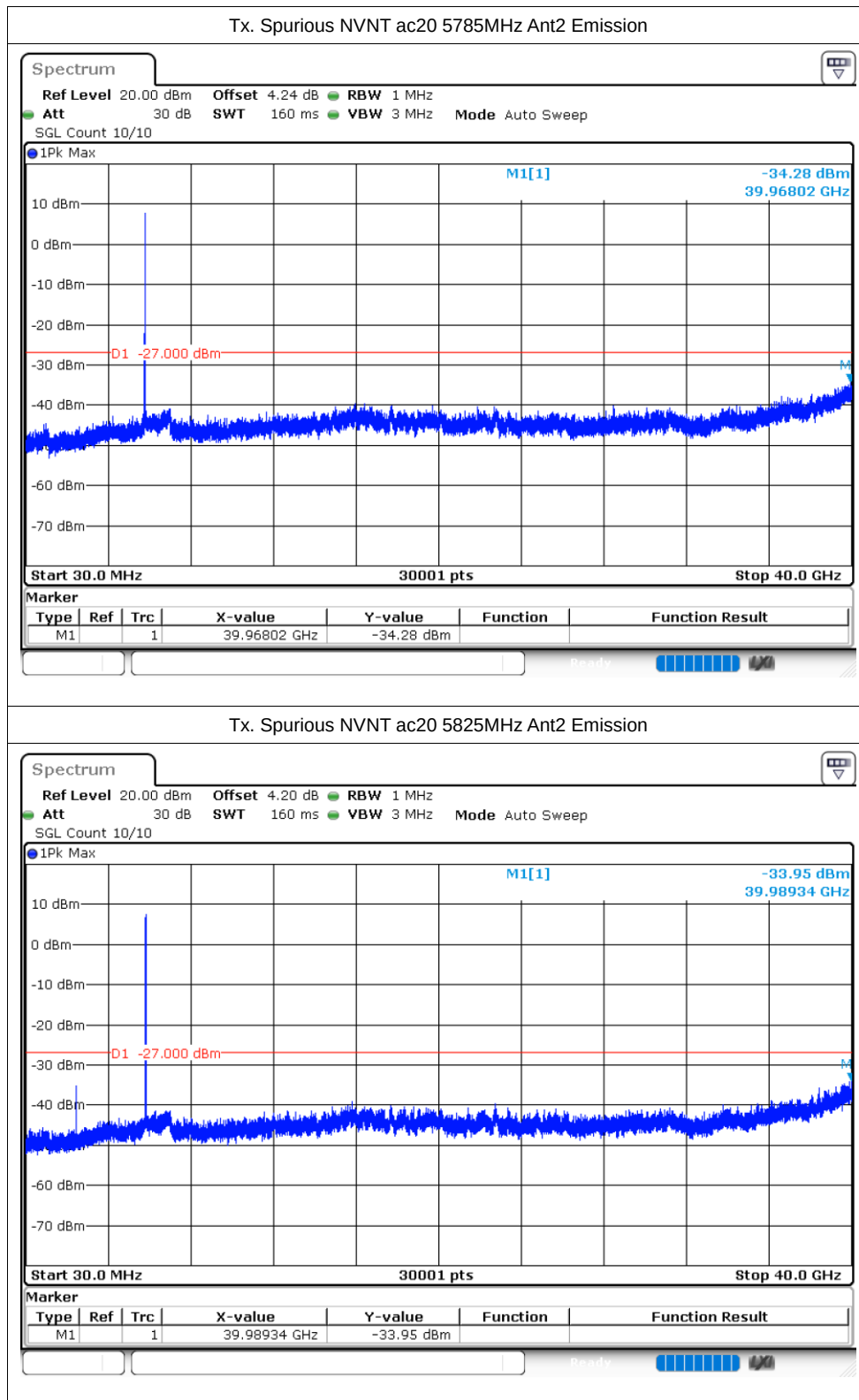


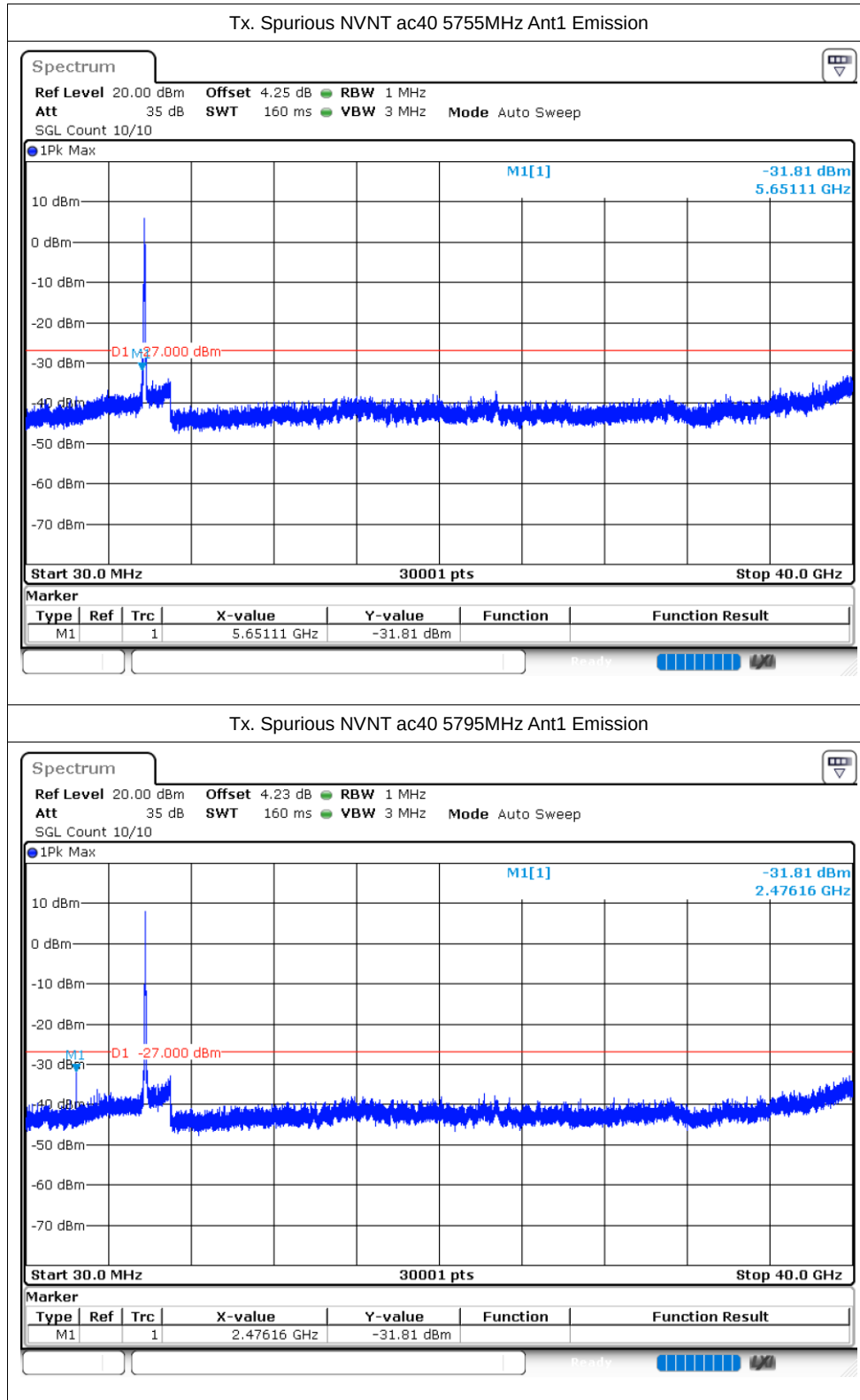


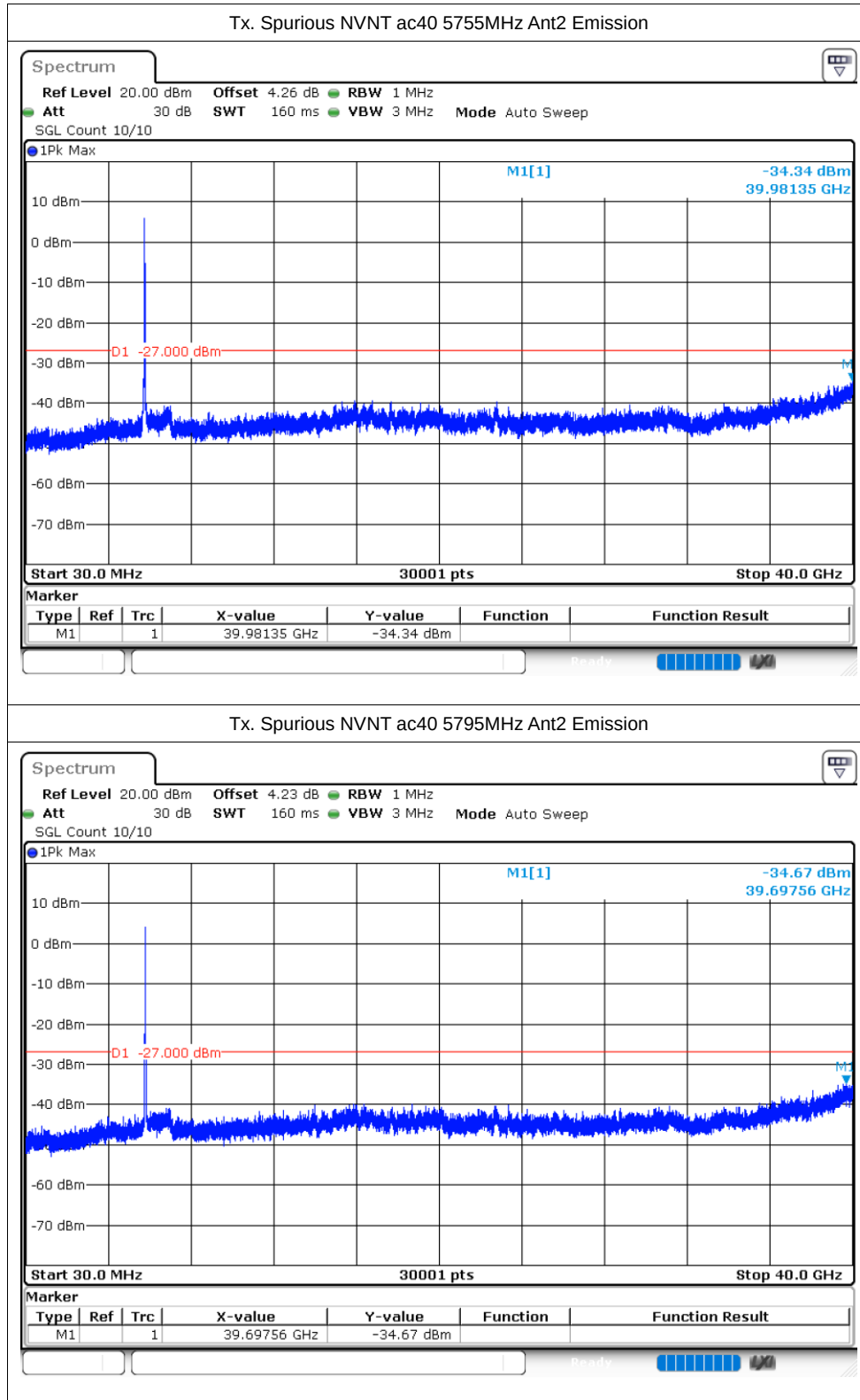


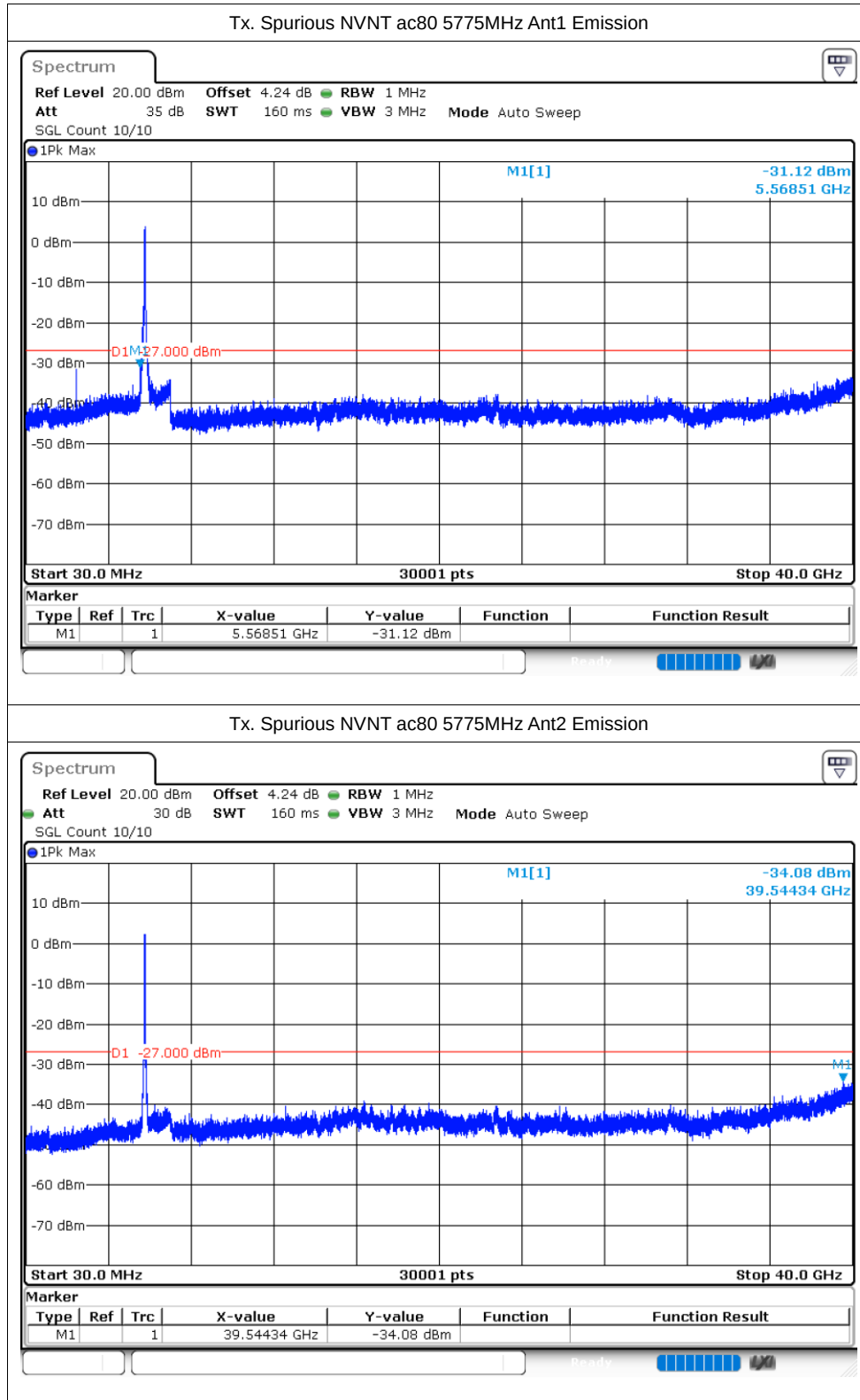


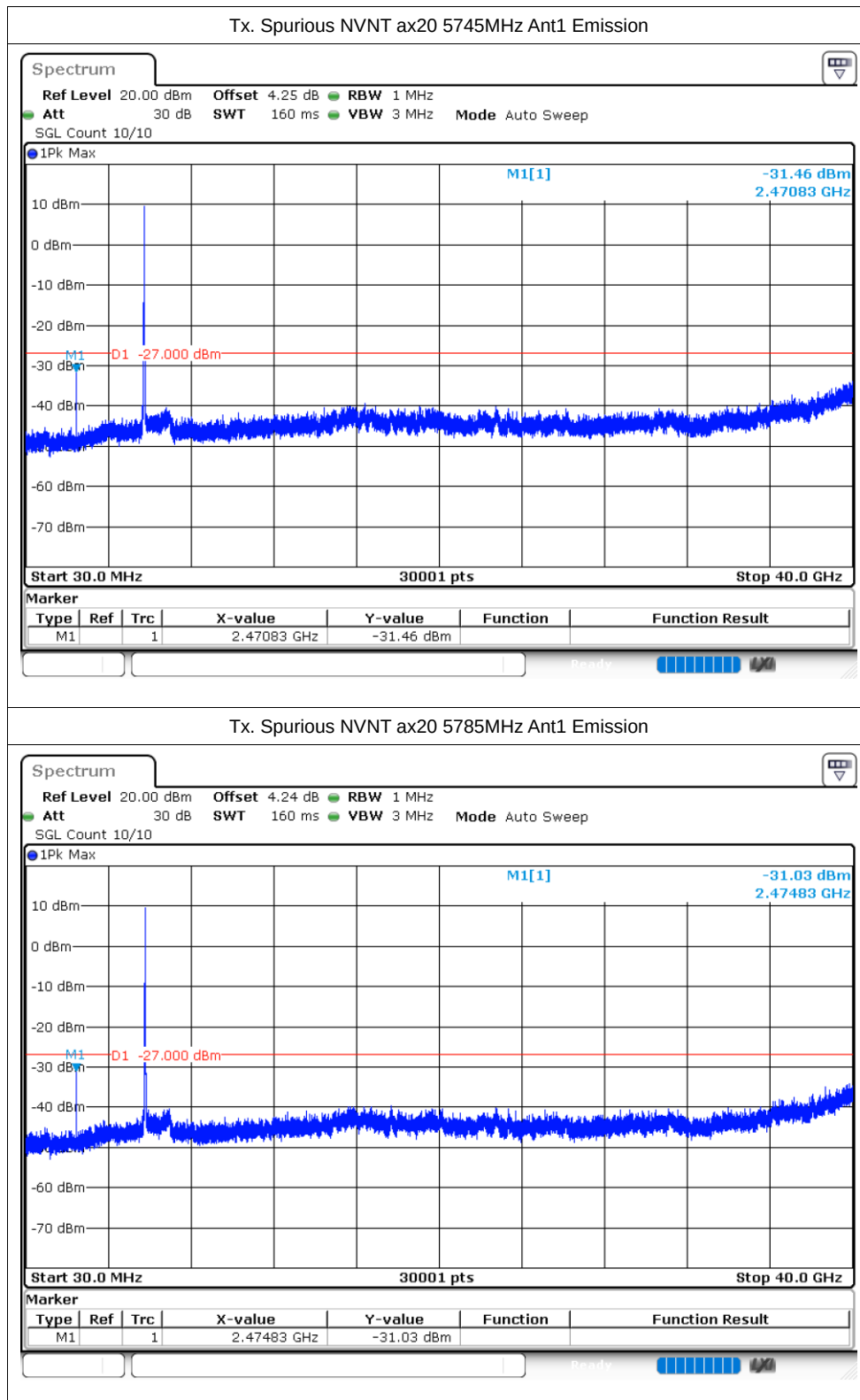


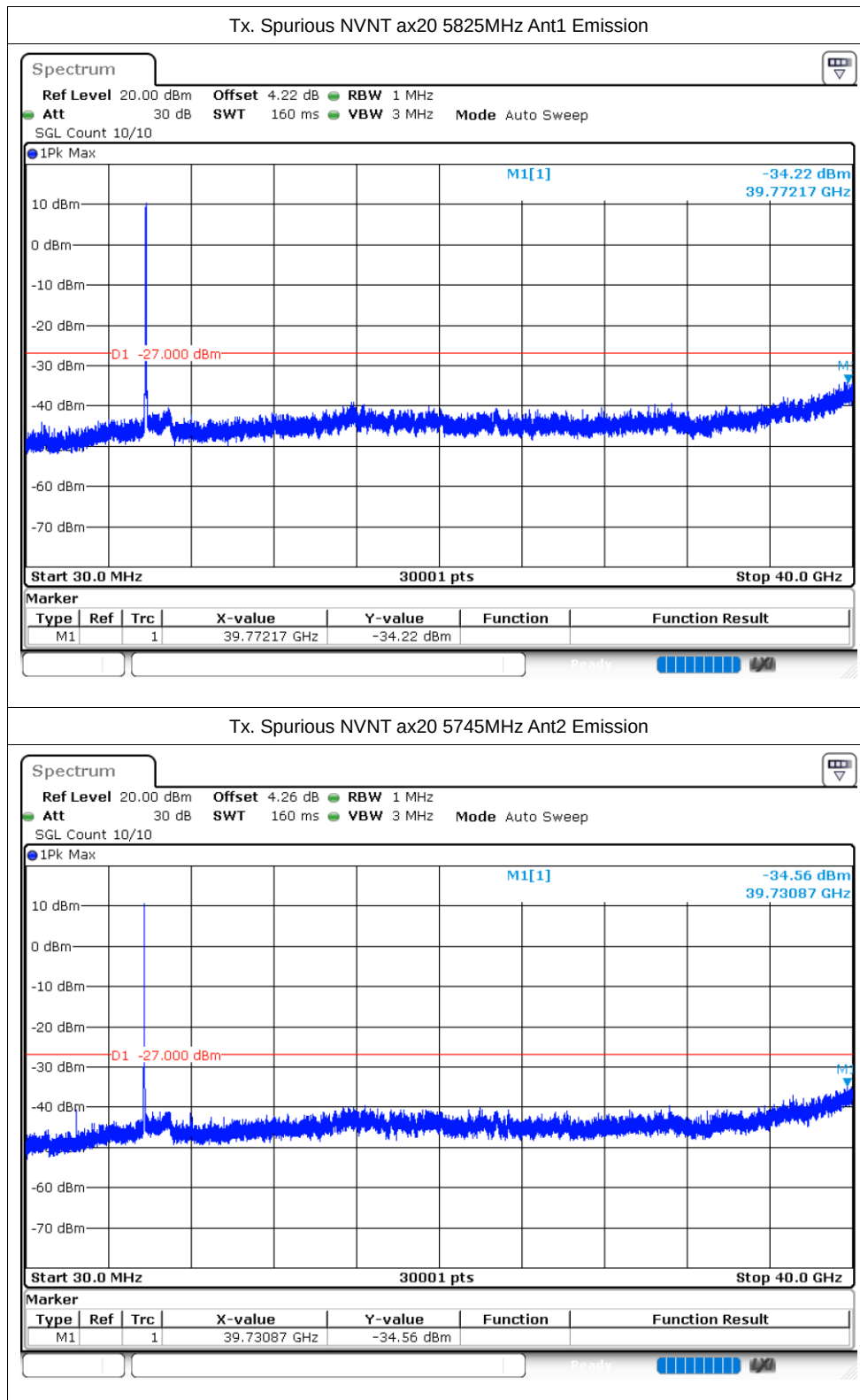


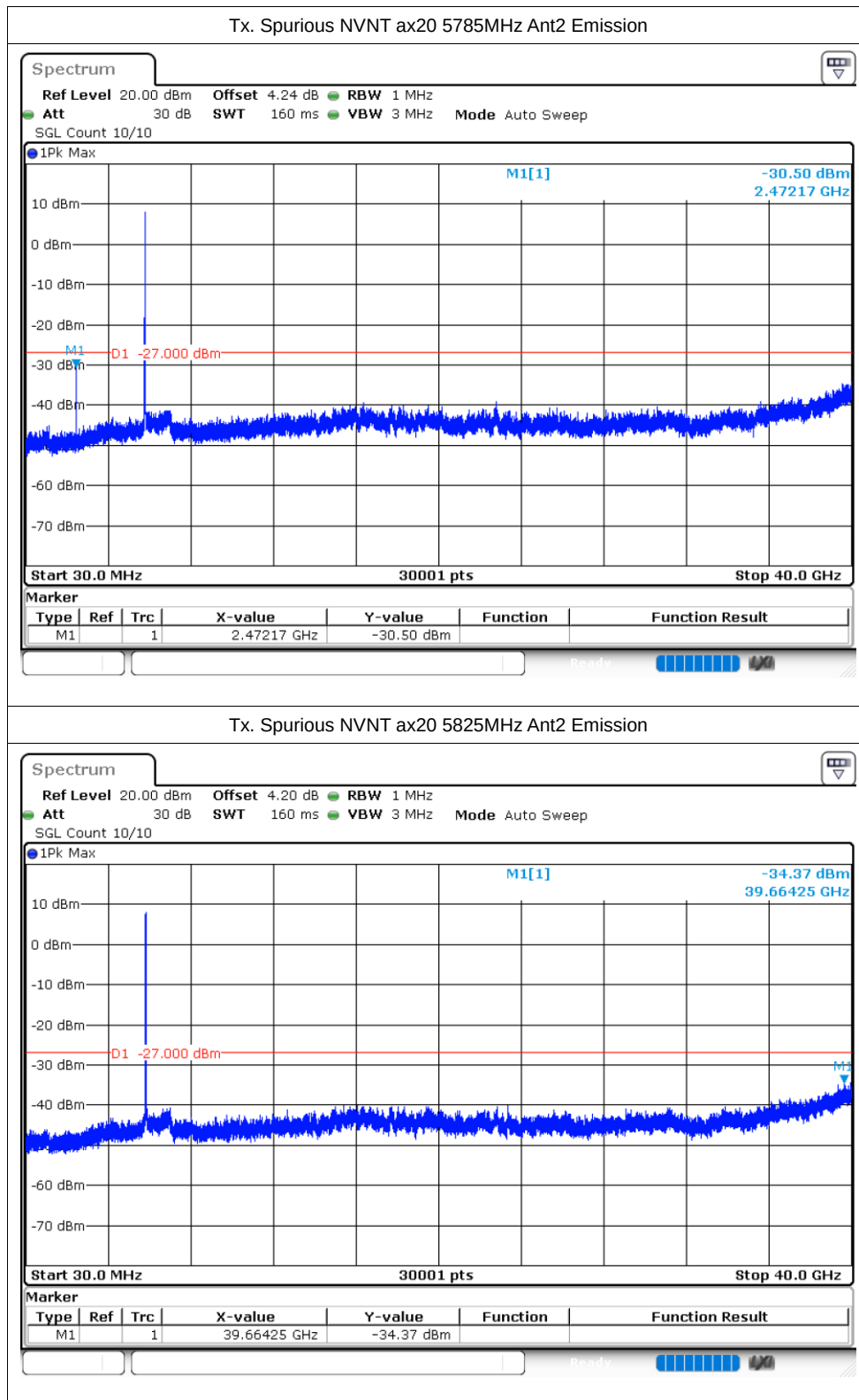


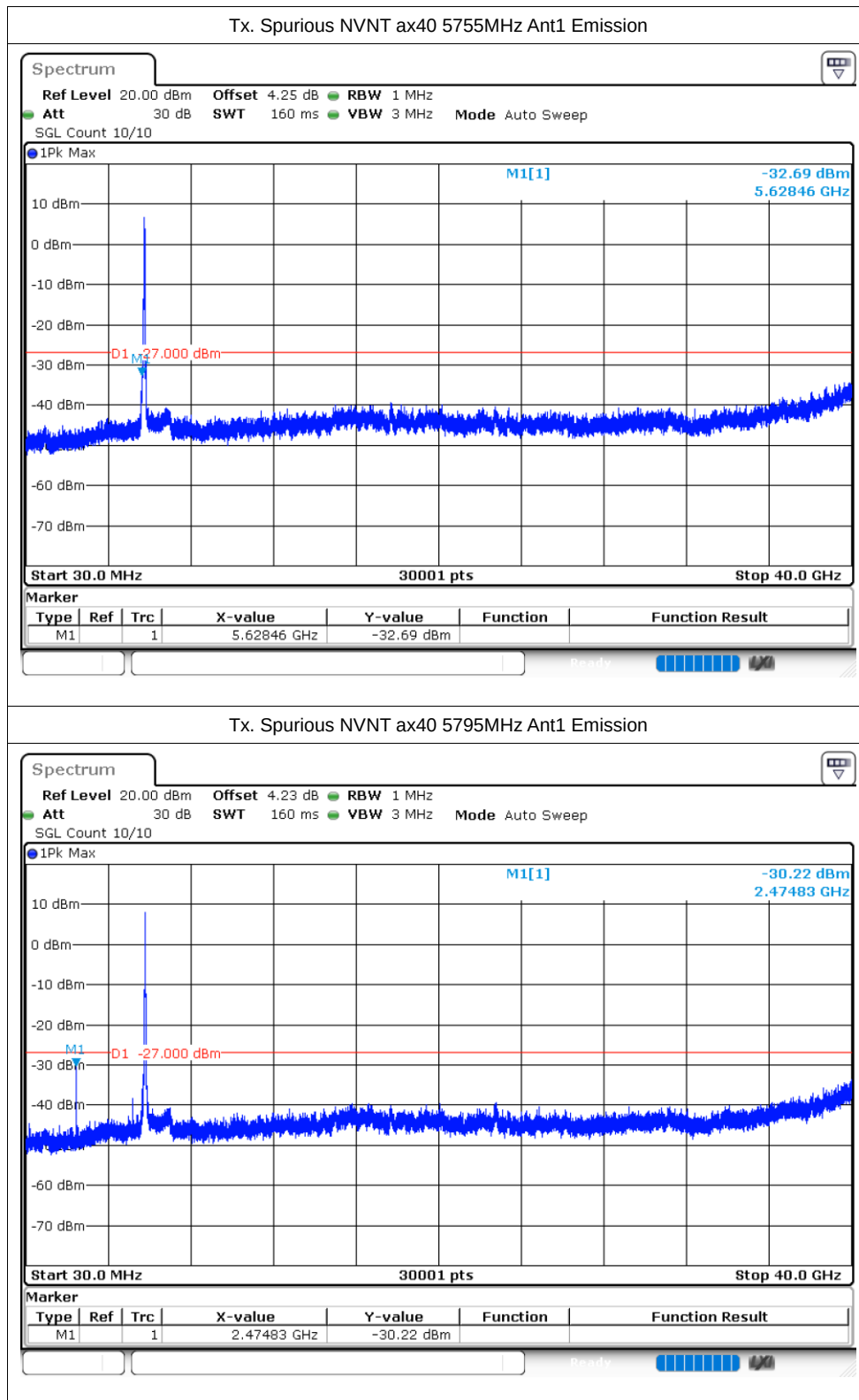


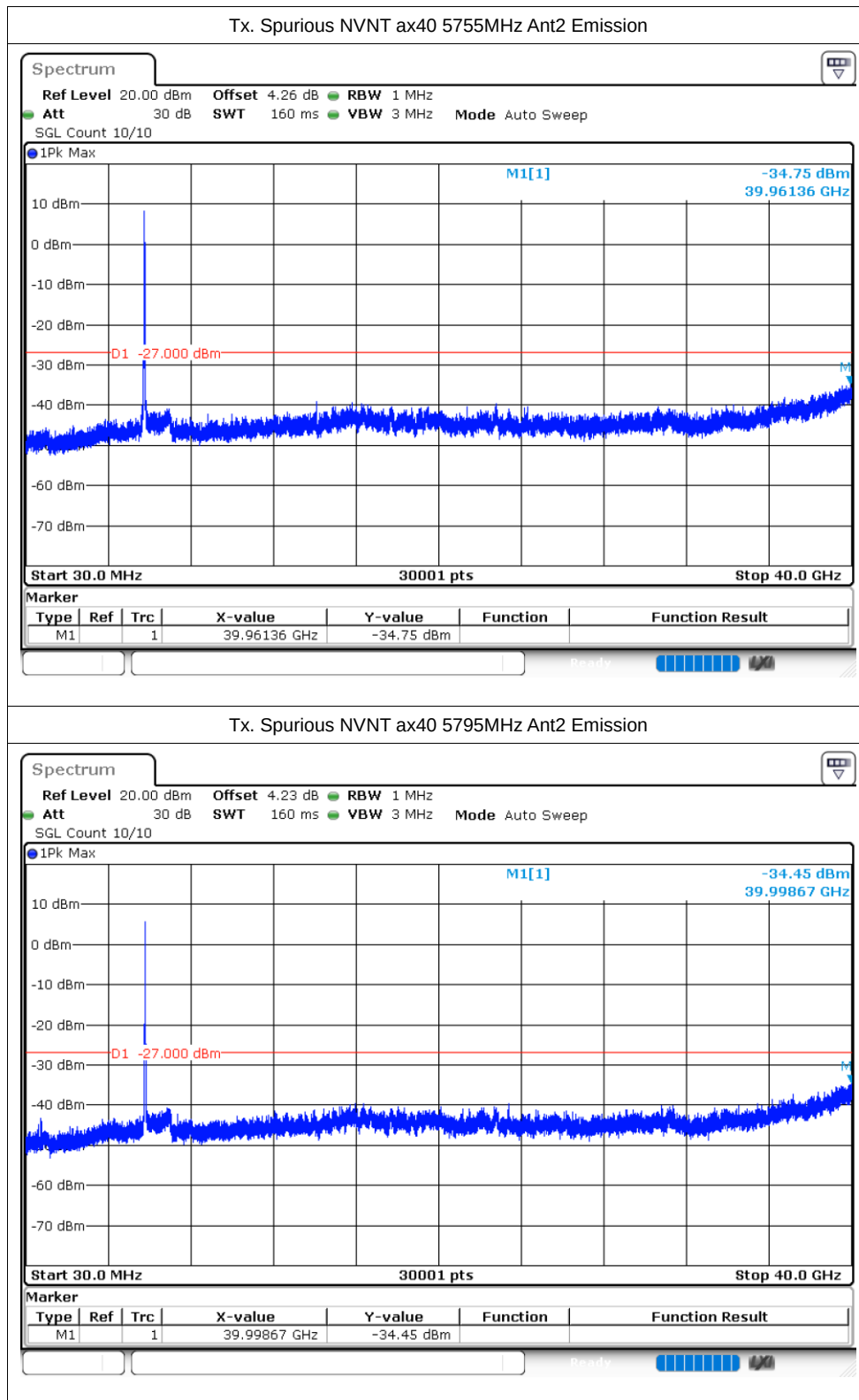


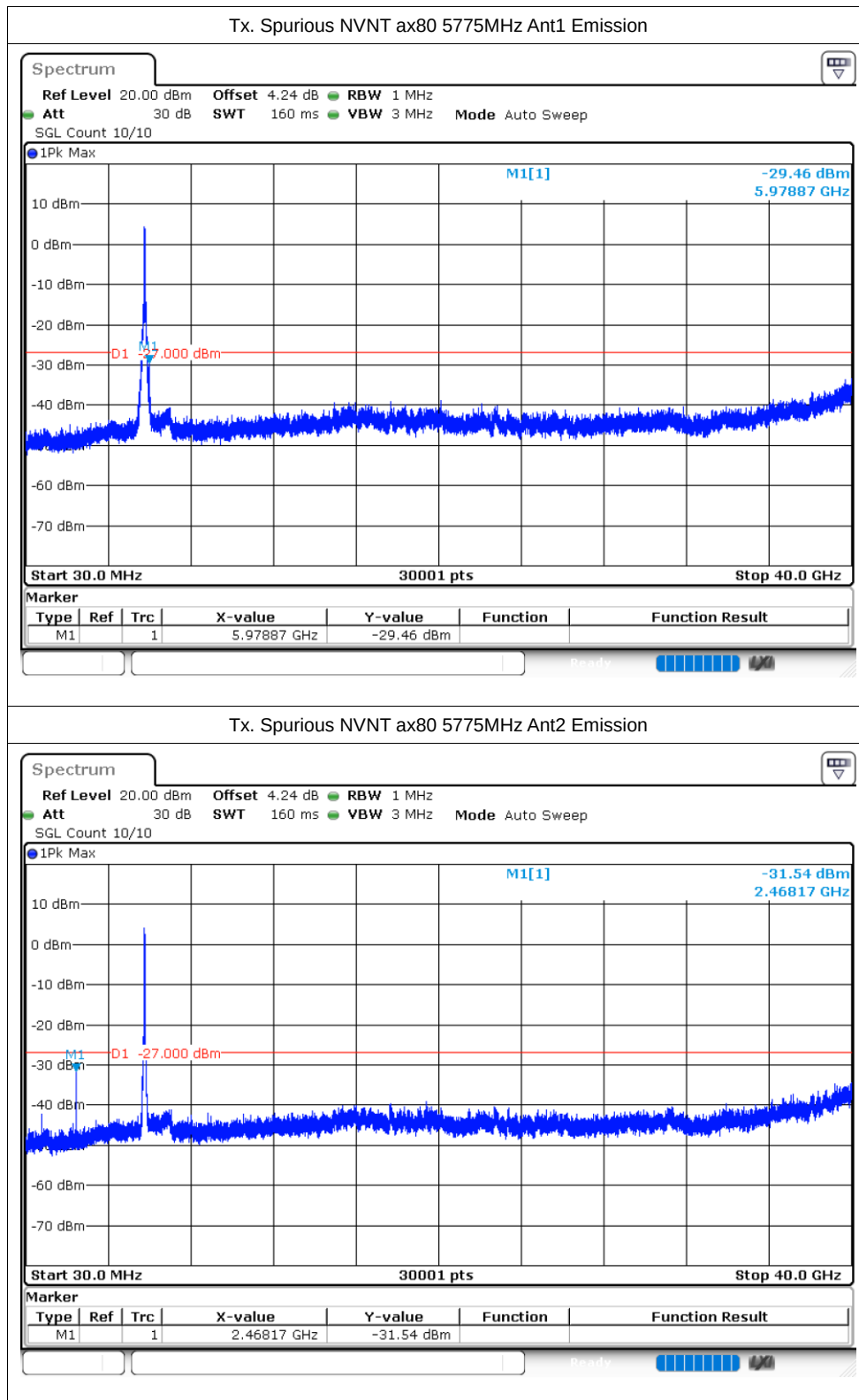












## WIFI 5.8G MIMO:

### Maximum Conducted Output Power

| Condition | Mode | Frequency (MHz) | Antenna | Conducted Power (dBm) | Limit (dBm) | Verdict |
|-----------|------|-----------------|---------|-----------------------|-------------|---------|
| NVNT      | ac20 | 5745            | Ant1    | 10.4                  | 24.73       | Pass    |
| NVNT      | ac20 | 5745            | Ant2    | 12.61                 | 24.73       | Pass    |
| NVNT      | ac20 | 5745            | Sum     | 14.65                 | 24.73       | Pass    |
| NVNT      | ac20 | 5785            | Ant1    | 10.46                 | 24.73       | Pass    |
| NVNT      | ac20 | 5785            | Ant2    | 12.22                 | 24.73       | Pass    |
| NVNT      | ac20 | 5785            | Sum     | 14.44                 | 24.73       | Pass    |
| NVNT      | ac20 | 5825            | Ant1    | 10.92                 | 24.73       | Pass    |
| NVNT      | ac20 | 5825            | Ant2    | 13.3                  | 24.73       | Pass    |
| NVNT      | ac20 | 5825            | Sum     | 15.28                 | 24.73       | Pass    |
| NVNT      | ac40 | 5755            | Ant1    | 10.7                  | 24.73       | Pass    |
| NVNT      | ac40 | 5755            | Ant2    | 12.58                 | 24.73       | Pass    |
| NVNT      | ac40 | 5755            | Sum     | 14.75                 | 24.73       | Pass    |
| NVNT      | ac40 | 5795            | Ant1    | 10.57                 | 24.73       | Pass    |
| NVNT      | ac40 | 5795            | Ant2    | 12.58                 | 24.73       | Pass    |
| NVNT      | ac40 | 5795            | Sum     | 14.7                  | 24.73       | Pass    |
| NVNT      | ac80 | 5775            | Ant1    | 10.57                 | 24.73       | Pass    |
| NVNT      | ac80 | 5775            | Ant2    | 12.32                 | 24.73       | Pass    |
| NVNT      | ac80 | 5775            | Sum     | 14.54                 | 24.73       | Pass    |
| NVNT      | ax20 | 5745            | Ant1    | 10.9                  | 24.73       | Pass    |
| NVNT      | ax20 | 5745            | Ant2    | 12.83                 | 24.73       | Pass    |
| NVNT      | ax20 | 5745            | Sum     | 14.98                 | 24.73       | Pass    |
| NVNT      | ax20 | 5785            | Ant1    | 10.83                 | 24.73       | Pass    |
| NVNT      | ax20 | 5785            | Ant2    | 12.48                 | 24.73       | Pass    |
| NVNT      | ax20 | 5785            | Sum     | 14.74                 | 24.73       | Pass    |
| NVNT      | ax20 | 5825            | Ant1    | 11.41                 | 24.73       | Pass    |
| NVNT      | ax20 | 5825            | Ant2    | 13.5                  | 24.73       | Pass    |
| NVNT      | ax20 | 5825            | Sum     | 15.59                 | 24.73       | Pass    |
| NVNT      | ax40 | 5755            | Ant1    | 10.74                 | 24.73       | Pass    |
| NVNT      | ax40 | 5755            | Ant2    | 12.53                 | 24.73       | Pass    |
| NVNT      | ax40 | 5755            | Sum     | 14.74                 | 24.73       | Pass    |
| NVNT      | ax40 | 5795            | Ant1    | 10.86                 | 24.73       | Pass    |
| NVNT      | ax40 | 5795            | Ant2    | 12.68                 | 24.73       | Pass    |
| NVNT      | ax40 | 5795            | Sum     | 14.87                 | 24.73       | Pass    |
| NVNT      | ax80 | 5775            | Ant1    | 10.45                 | 24.73       | Pass    |
| NVNT      | ax80 | 5775            | Ant2    | 12.4                  | 24.73       | Pass    |
| NVNT      | ax80 | 5775            | Sum     | 14.54                 | 24.73       | Pass    |

|      |     |      |      |       |       |      |
|------|-----|------|------|-------|-------|------|
| NVNT | n20 | 5745 | Ant1 | 10.12 | 24.73 | Pass |
| NVNT | n20 | 5745 | Ant2 | 12.71 | 24.73 | Pass |
| NVNT | n20 | 5745 | Sum  | 14.62 | 24.73 | Pass |
| NVNT | n20 | 5785 | Ant1 | 10.38 | 24.73 | Pass |
| NVNT | n20 | 5785 | Ant2 | 12.21 | 24.73 | Pass |
| NVNT | n20 | 5785 | Sum  | 14.4  | 24.73 | Pass |
| NVNT | n20 | 5825 | Ant1 | 10.63 | 24.73 | Pass |
| NVNT | n20 | 5825 | Ant2 | 13.35 | 24.73 | Pass |
| NVNT | n20 | 5825 | Sum  | 15.21 | 24.73 | Pass |
| NVNT | n40 | 5755 | Ant1 | 10.47 | 24.73 | Pass |
| NVNT | n40 | 5755 | Ant2 | 12.44 | 24.73 | Pass |
| NVNT | n40 | 5755 | Sum  | 14.58 | 24.73 | Pass |
| NVNT | n40 | 5795 | Ant1 | 10.31 | 24.73 | Pass |
| NVNT | n40 | 5795 | Ant2 | 12.48 | 24.73 | Pass |
| NVNT | n40 | 5795 | Sum  | 14.54 | 24.73 | Pass |

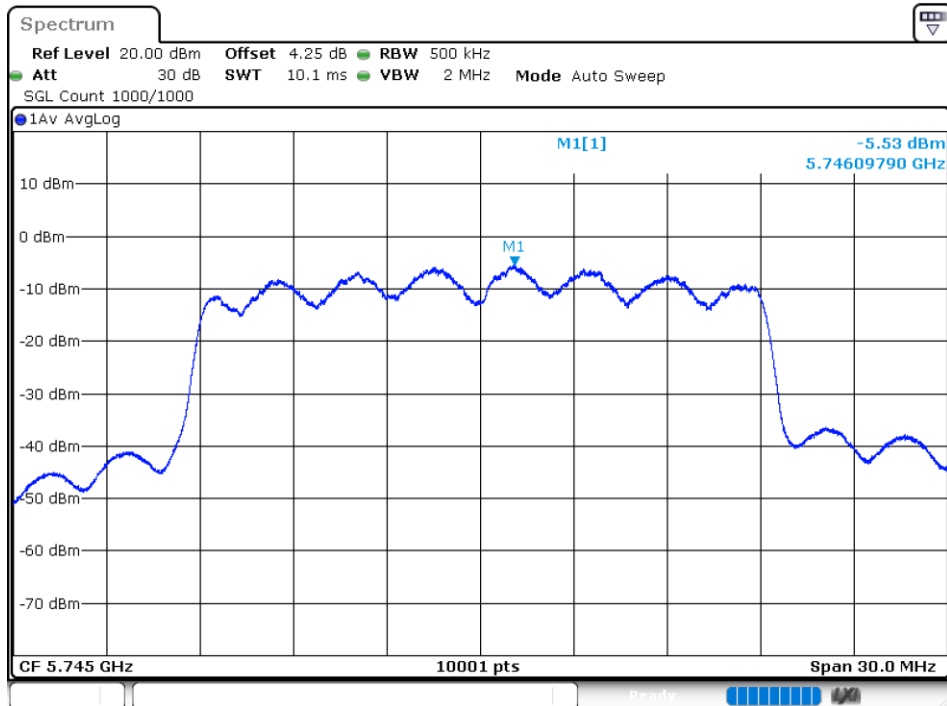
## Maximum Power Spectral Density Level

| Condition | Mode | Frequency (MHz) | Antenna | Conducted PSD (dBm) | Duty Factor (dB) | Total PSD (dBm) | Limit (dBm) | Verdict |
|-----------|------|-----------------|---------|---------------------|------------------|-----------------|-------------|---------|
| NVNT      | ac20 | 5745            | Ant1    | -5.53               | 0.14             | -5.39           | 27.18       | Pass    |
| NVNT      | ac20 | 5745            | Ant2    | -3.3                | 0.14             | -3.16           | 27.18       | Pass    |
| NVNT      | ac20 | 5745            | Sum     | -1.26               | 0.14             | -1.12           | 27.18       | Pass    |
| NVNT      | ac20 | 5785            | Ant1    | -4.59               | 0.14             | -4.45           | 27.18       | Pass    |
| NVNT      | ac20 | 5785            | Ant2    | -4.24               | 0.14             | -4.1            | 27.18       | Pass    |
| NVNT      | ac20 | 5785            | Sum     | -1.4                | 0.14             | -1.26           | 27.18       | Pass    |
| NVNT      | ac20 | 5825            | Ant1    | -5.12               | 0.14             | -4.98           | 27.18       | Pass    |
| NVNT      | ac20 | 5825            | Ant2    | -4.1                | 0.14             | -3.96           | 27.18       | Pass    |
| NVNT      | ac20 | 5825            | Sum     | -1.57               | 0.14             | -1.43           | 27.18       | Pass    |
| NVNT      | ac40 | 5755            | Ant1    | -9.5                | 0.27             | -9.23           | 27.18       | Pass    |
| NVNT      | ac40 | 5755            | Ant2    | -7.95               | 0.27             | -7.68           | 27.18       | Pass    |
| NVNT      | ac40 | 5755            | Sum     | -5.65               | 0.27             | -5.38           | 27.18       | Pass    |
| NVNT      | ac40 | 5795            | Ant1    | -8.72               | 0.27             | -8.45           | 27.18       | Pass    |
| NVNT      | ac40 | 5795            | Ant2    | -8.4                | 0.27             | -8.13           | 27.18       | Pass    |
| NVNT      | ac40 | 5795            | Sum     | -5.55               | 0.27             | -5.28           | 27.18       | Pass    |
| NVNT      | ac80 | 5775            | Ant1    | -14.29              | 0.53             | -13.76          | 27.18       | Pass    |
| NVNT      | ac80 | 5775            | Ant2    | -13.46              | 0.53             | -12.93          | 27.18       | Pass    |
| NVNT      | ac80 | 5775            | Sum     | -10.84              | 0.53             | -10.31          | 27.18       | Pass    |
| NVNT      | ax20 | 5745            | Ant1    | -6.05               | 0.18             | -5.87           | 27.18       | Pass    |
| NVNT      | ax20 | 5745            | Ant2    | -3.41               | 0.18             | -3.23           | 27.18       | Pass    |
| NVNT      | ax20 | 5745            | Sum     | -1.52               | 0.18             | -1.34           | 27.18       | Pass    |
| NVNT      | ax20 | 5785            | Ant1    | -4.89               | 0.18             | -4.71           | 27.18       | Pass    |
| NVNT      | ax20 | 5785            | Ant2    | -4.32               | 0.18             | -4.14           | 27.18       | Pass    |
| NVNT      | ax20 | 5785            | Sum     | -1.59               | 0.18             | -1.41           | 27.18       | Pass    |
| NVNT      | ax20 | 5825            | Ant1    | -5.22               | 0.18             | -5.04           | 27.18       | Pass    |
| NVNT      | ax20 | 5825            | Ant2    | -4.72               | 0.18             | -4.54           | 27.18       | Pass    |
| NVNT      | ax20 | 5825            | Sum     | -1.95               | 0.18             | -1.77           | 27.18       | Pass    |
| NVNT      | ax40 | 5755            | Ant1    | -10.17              | 0.33             | -9.84           | 27.18       | Pass    |
| NVNT      | ax40 | 5755            | Ant2    | -8.43               | 0.33             | -8.1            | 27.18       | Pass    |
| NVNT      | ax40 | 5755            | Sum     | -6.2                | 0.33             | -5.87           | 27.18       | Pass    |
| NVNT      | ax40 | 5795            | Ant1    | -10.04              | 0.15             | -9.89           | 27.18       | Pass    |
| NVNT      | ax40 | 5795            | Ant2    | -9.48               | 0.15             | -9.33           | 27.18       | Pass    |
| NVNT      | ax40 | 5795            | Sum     | -6.74               | 0.15             | -6.59           | 27.18       | Pass    |
| NVNT      | ax80 | 5775            | Ant1    | -15.41              | 0.54             | -14.87          | 27.18       | Pass    |
| NVNT      | ax80 | 5775            | Ant2    | -14.13              | 0.54             | -13.59          | 27.18       | Pass    |
| NVNT      | ax80 | 5775            | Sum     | -11.71              | 0.54             | -11.17          | 27.18       | Pass    |
| NVNT      | n20  | 5745            | Ant1    | -6.05               | 0.11             | -5.94           | 27.18       | Pass    |
| NVNT      | n20  | 5745            | Ant2    | -3.4                | 0.11             | -3.29           | 27.18       | Pass    |
| NVNT      | n20  | 5745            | Sum     | -1.52               | 0.11             | -1.41           | 27.18       | Pass    |
| NVNT      | n20  | 5785            | Ant1    | -2.93               | 0.03             | -2.9            | 27.18       | Pass    |
| NVNT      | n20  | 5785            | Ant2    | -2.35               | 0.03             | -2.32           | 27.18       | Pass    |

|      |     |      |      |       |      |       |       |      |
|------|-----|------|------|-------|------|-------|-------|------|
| NVNT | n20 | 5785 | Sum  | 0.38  | 0.03 | 0.41  | 27.18 | Pass |
| NVNT | n20 | 5825 | Ant1 | -5.23 | 0.14 | -5.09 | 27.18 | Pass |
| NVNT | n20 | 5825 | Ant2 | -4.25 | 0.14 | -4.11 | 27.18 | Pass |
| NVNT | n20 | 5825 | Sum  | -1.7  | 0.14 | -1.56 | 27.18 | Pass |
| NVNT | n40 | 5755 | Ant1 | -9.58 | 0.27 | -9.31 | 27.18 | Pass |
| NVNT | n40 | 5755 | Ant2 | -8    | 0.27 | -7.73 | 27.18 | Pass |
| NVNT | n40 | 5755 | Sum  | -5.71 | 0.27 | -5.44 | 27.18 | Pass |
| NVNT | n40 | 5795 | Ant1 | -9.26 | 0.25 | -9.01 | 27.18 | Pass |
| NVNT | n40 | 5795 | Ant2 | -8.9  | 0.25 | -8.65 | 27.18 | Pass |
| NVNT | n40 | 5795 | Sum  | -6.07 | 0.25 | -5.82 | 27.18 | Pass |

Test Graphs

PSD NVNT ac20 5745MHz Ant1



PSD NVNT ac20 5745MHz Ant2

