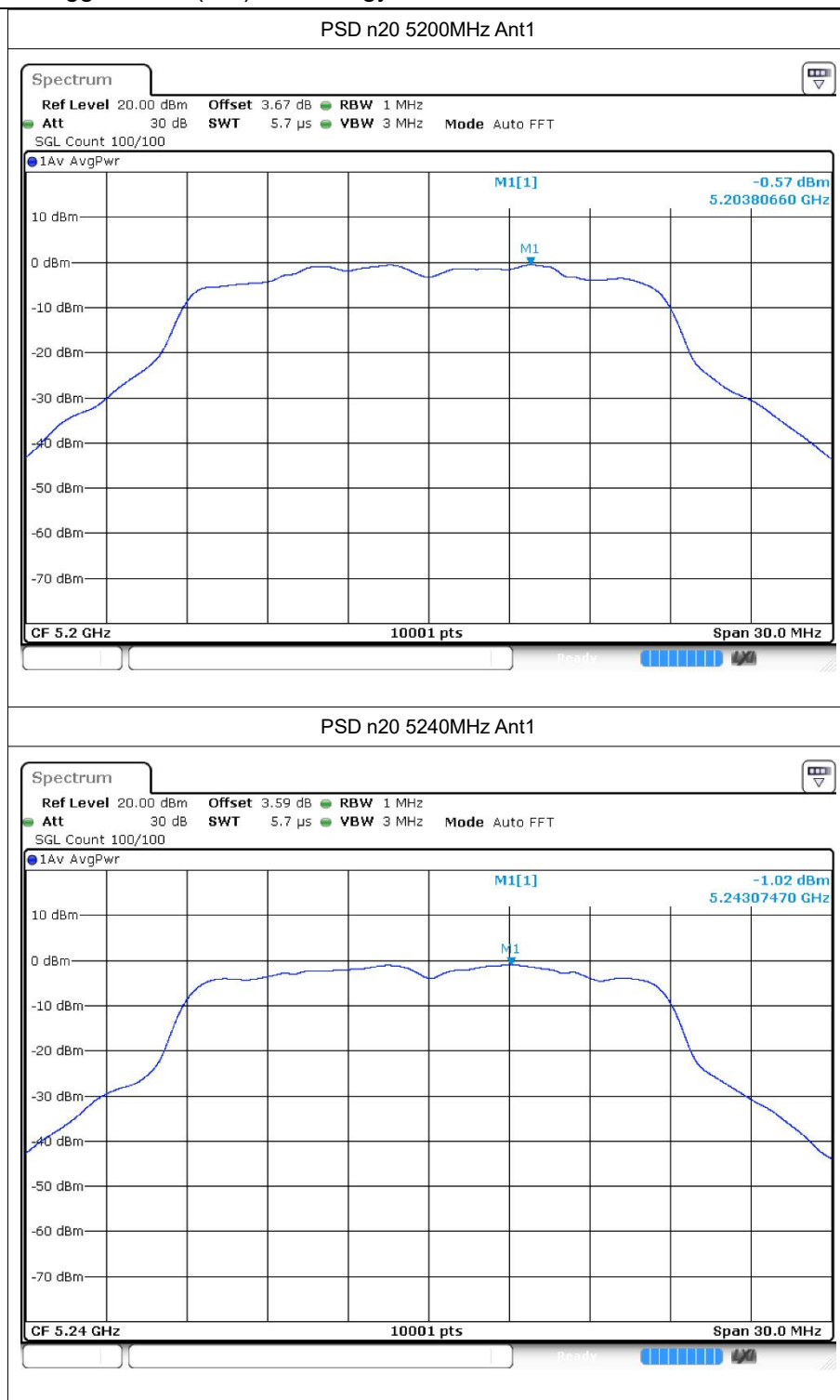
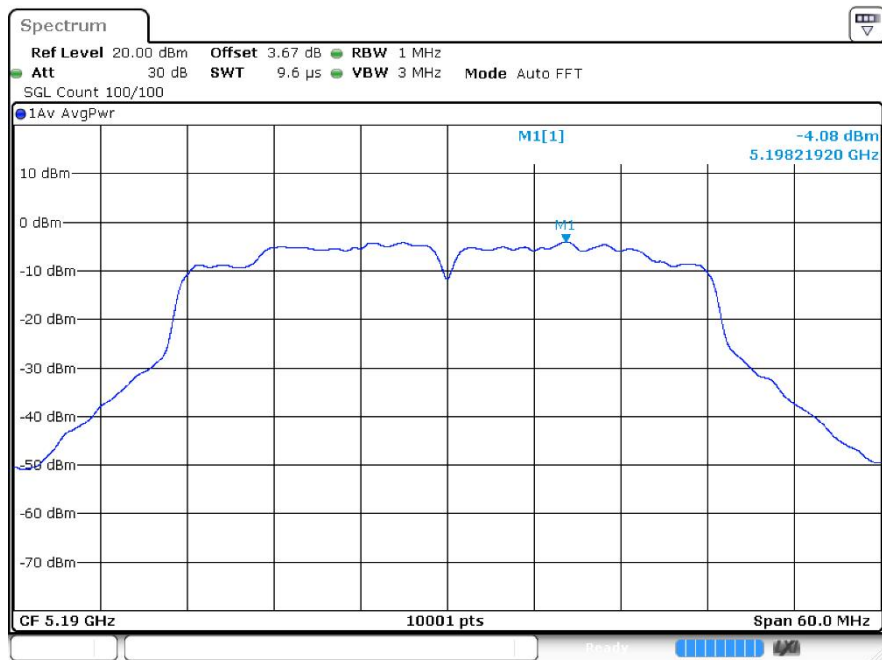
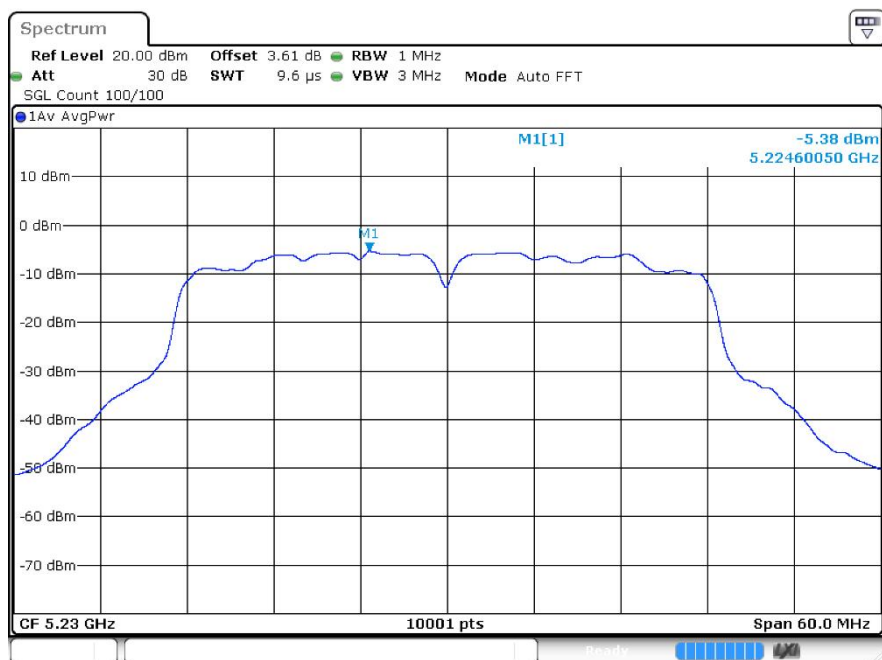




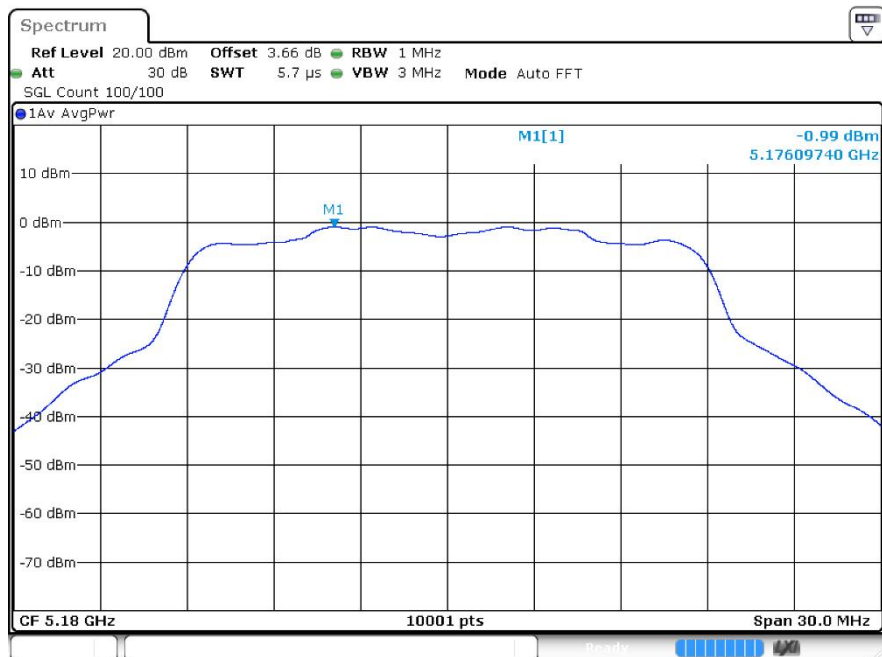
PSDn40 5190MHz Ant1



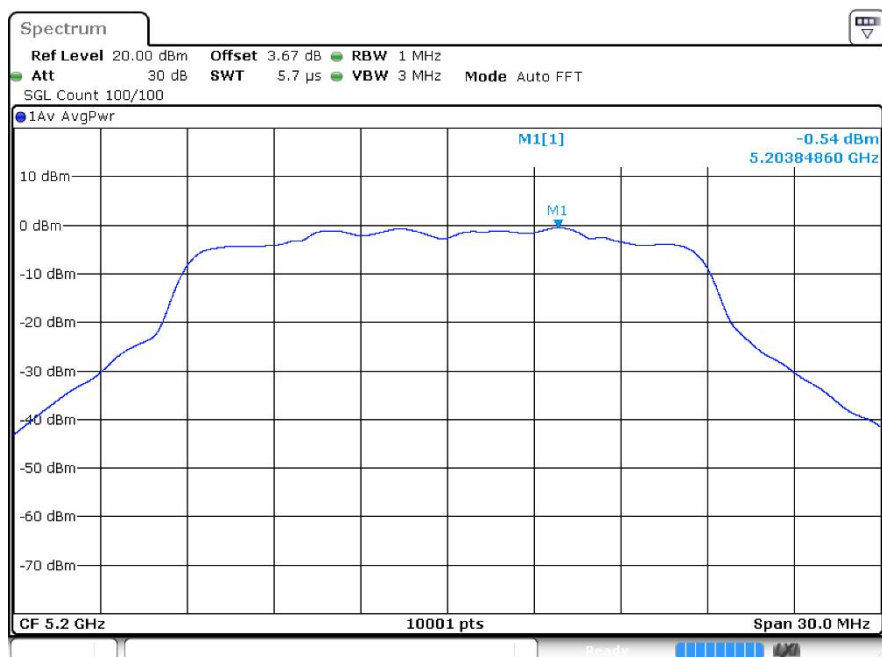
PSDn40 5230MHz Ant1



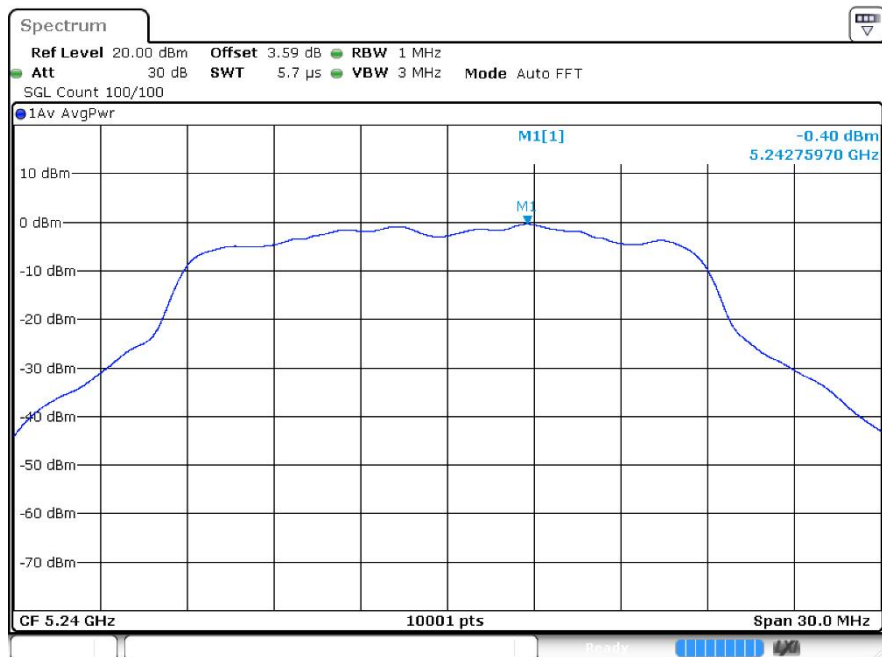
PSD ac20 5180MHz Ant1



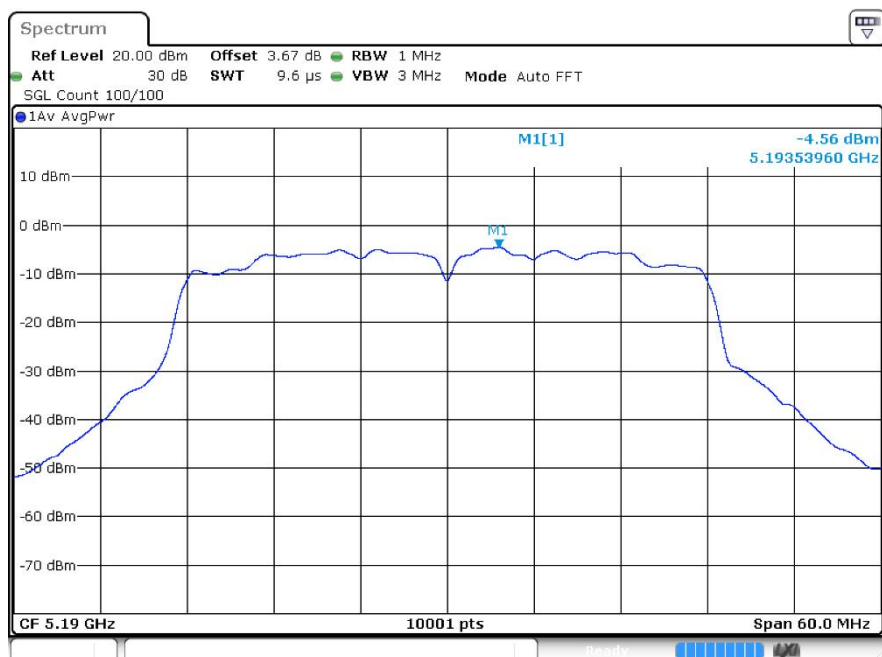
PSD ac20 5200MHz Ant1



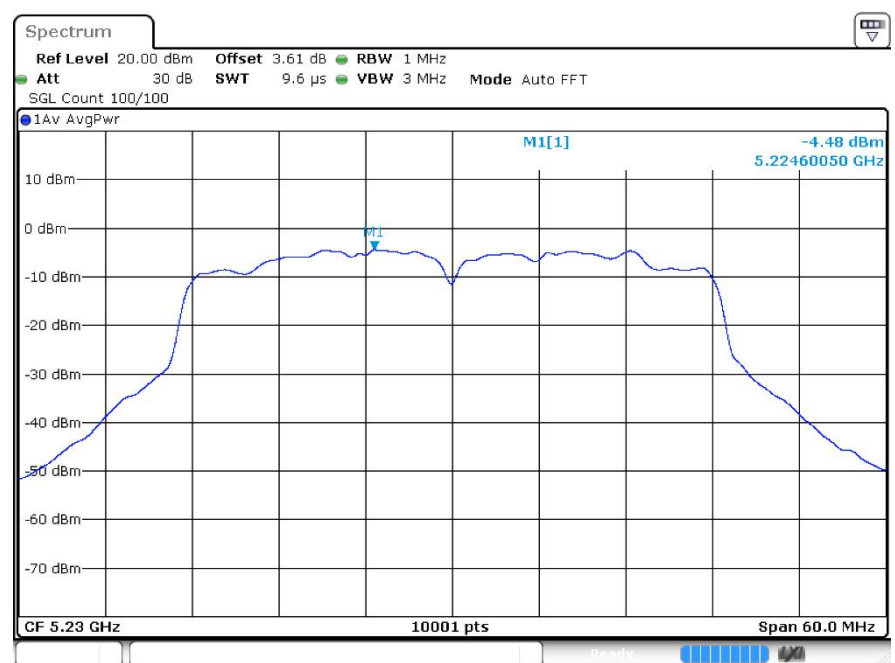
PSD ac20 5240MHz Ant1



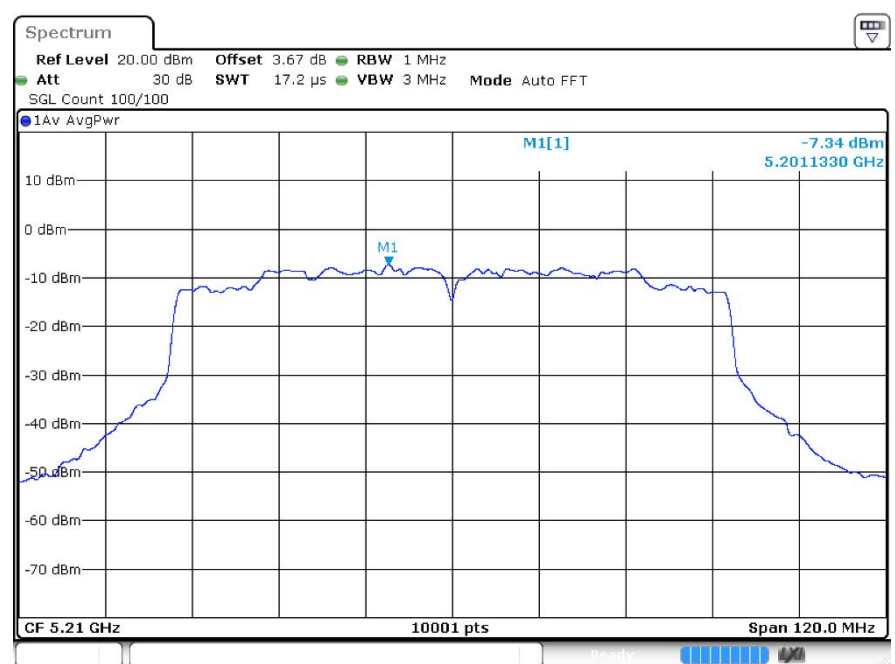
PSDac40 5190MHz Ant1



PSDac40 5230MHz Ant1



PSDac80 5210MHz Ant1





## 6 Frequency Stability

### 6.1 Test Result

| Condition | Mode | Frequency (MHz) | Antenna | Measured Frequency (MHz) | Frequency Error (Hz) | Deviation (ppm) | Limit (ppm) | Verdict |
|-----------|------|-----------------|---------|--------------------------|----------------------|-----------------|-------------|---------|
| 20C 102V  | a    | 5180            | Ant1    | 5179.94                  | -60000               | -11.58          | 25          | Pass    |
| 20C 120V  | a    | 5180            | Ant1    | 5179.96                  | -40000               | -7.72           | 25          | Pass    |
| 20C 138V  | a    | 5180            | Ant1    | 5179.94                  | -60000               | -11.58          | 25          | Pass    |
| -20C 120V | a    | 5180            | Ant1    | 5179.98                  | -20000               | -3.86           | 25          | Pass    |
| -10C 120V | a    | 5180            | Ant1    | 5179.92                  | -80000               | -15.44          | 25          | Pass    |
| 0C 120V   | a    | 5180            | Ant1    | 5179.94                  | -60000               | -11.58          | 25          | Pass    |
| 10C 120V  | a    | 5180            | Ant1    | 5179.94                  | -60000               | -11.58          | 25          | Pass    |
| 30C 120V  | a    | 5180            | Ant1    | 5179.96                  | -40000               | -7.72           | 25          | Pass    |
| 40C 120V  | a    | 5180            | Ant1    | 5179.94                  | -60000               | -11.58          | 25          | Pass    |
| 50C 120V  | a    | 5180            | Ant1    | 5179.94                  | -60000               | -11.58          | 25          | Pass    |
| 20C 102V  | a    | 5200            | Ant1    | 5199.96                  | -40000               | -7.69           | 25          | Pass    |
| 20C 120V  | a    | 5200            | Ant1    | 5199.94                  | -60000               | -11.54          | 25          | Pass    |
| 20C 138V  | a    | 5200            | Ant1    | 5199.94                  | -60000               | -11.54          | 25          | Pass    |
| -20C 120V | a    | 5200            | Ant1    | 5199.96                  | -40000               | -7.69           | 25          | Pass    |
| -10C 120V | a    | 5200            | Ant1    | 5199.96                  | -40000               | -7.69           | 25          | Pass    |
| 0C 120V   | a    | 5200            | Ant1    | 5199.92                  | -80000               | -15.38          | 25          | Pass    |
| 10C 120V  | a    | 5200            | Ant1    | 5199.94                  | -60000               | -11.54          | 25          | Pass    |
| 30C 120V  | a    | 5200            | Ant1    | 5199.94                  | -60000               | -11.54          | 25          | Pass    |
| 40C 120V  | a    | 5200            | Ant1    | 5199.94                  | -60000               | -11.54          | 25          | Pass    |
| 20C 102V  | a    | 5200            | Ant1    | 5199.96                  | -40000               | -7.69           | 25          | Pass    |
| 20C 102V  | a    | 5240            | Ant1    | 5239.92                  | -80000               | -15.27          | 25          | Pass    |
| 20C 120V  | a    | 5240            | Ant1    | 5239.94                  | -60000               | -11.45          | 25          | Pass    |
| 20C 138V  | a    | 5240            | Ant1    | 5239.94                  | -60000               | -11.45          | 25          | Pass    |
| -20C 120V | a    | 5240            | Ant1    | 5239.96                  | -40000               | -7.63           | 25          | Pass    |
| -10C 120V | a    | 5240            | Ant1    | 5239.92                  | -80000               | -15.27          | 25          | Pass    |
| 0C 120V   | a    | 5240            | Ant1    | 5239.92                  | -80000               | -15.27          | 25          | Pass    |
| 10C 120V  | a    | 5240            | Ant1    | 5239.94                  | -60000               | -11.45          | 25          | Pass    |
| 30C 120V  | a    | 5240            | Ant1    | 5239.94                  | -60000               | -11.45          | 25          | Pass    |
| 40C 120V  | a    | 5240            | Ant1    | 5239.96                  | -40000               | -7.63           | 25          | Pass    |
| 50C 120V  | a    | 5240            | Ant1    | 5239.96                  | -40000               | -7.63           | 25          | Pass    |
| 20C 102V  | n20  | 5180            | Ant1    | 5179.96                  | -40000               | -7.72           | 25          | Pass    |
| 20C 120V  | n20  | 5180            | Ant1    | 5179.96                  | -40000               | -7.72           | 25          | Pass    |
| 20C 138V  | n20  | 5180            | Ant1    | 5179.96                  | -40000               | -7.72           | 25          | Pass    |
| -20C 120V | n20  | 5180            | Ant1    | 5179.98                  | -20000               | -3.86           | 25          | Pass    |
| -10C 120V | n20  | 5180            | Ant1    | 5179.94                  | -60000               | -11.58          | 25          | Pass    |



|           |     |      |      |         |         |        |    |      |
|-----------|-----|------|------|---------|---------|--------|----|------|
| 0C 120V   | n20 | 5180 | Ant1 | 5179.94 | -60000  | -11.58 | 25 | Pass |
| 10C 120V  | n20 | 5180 | Ant1 | 5179.96 | -40000  | -7.72  | 25 | Pass |
| 30C 120V  | n20 | 5180 | Ant1 | 5179.96 | -40000  | -7.72  | 25 | Pass |
| 40C 120V  | n20 | 5180 | Ant1 | 5179.94 | -60000  | -11.58 | 25 | Pass |
| 50C 120V  | n20 | 5180 | Ant1 | 5179.92 | -80000  | -15.44 | 25 | Pass |
| 20C 102V  | n20 | 5200 | Ant1 | 5199.96 | -40000  | -7.69  | 25 | Pass |
| 20C 120V  | n20 | 5200 | Ant1 | 5199.92 | -80000  | -15.38 | 25 | Pass |
| 20C 138V  | n20 | 5200 | Ant1 | 5199.98 | -20000  | -3.85  | 25 | Pass |
| -20C 120V | n20 | 5200 | Ant1 | 5199.96 | -40000  | -7.69  | 25 | Pass |
| -10C 120V | n20 | 5200 | Ant1 | 5199.98 | -20000  | -3.85  | 25 | Pass |
| 0C 120V   | n20 | 5200 | Ant1 | 5199.94 | -60000  | -11.54 | 25 | Pass |
| 10C 120V  | n20 | 5200 | Ant1 | 5199.94 | -60000  | -11.54 | 25 | Pass |
| 30C 120V  | n20 | 5200 | Ant1 | 5199.98 | -20000  | -3.85  | 25 | Pass |
| 40C 120V  | n20 | 5200 | Ant1 | 5199.96 | -40000  | -7.69  | 25 | Pass |
| 50C 120V  | n20 | 5200 | Ant1 | 5199.94 | -60000  | -11.54 | 25 | Pass |
| 20C 102V  | n20 | 5240 | Ant1 | 5239.94 | -60000  | -11.45 | 25 | Pass |
| 20C 120V  | n20 | 5240 | Ant1 | 5239.96 | -40000  | -7.63  | 25 | Pass |
| 20C 138V  | n20 | 5240 | Ant1 | 5239.96 | -40000  | -7.63  | 25 | Pass |
| -20C 120V | n20 | 5240 | Ant1 | 5239.96 | -40000  | -7.63  | 25 | Pass |
| -10C 120V | n20 | 5240 | Ant1 | 5239.96 | -40000  | -7.63  | 25 | Pass |
| 0C 120V   | n20 | 5240 | Ant1 | 5239.96 | -40000  | -7.63  | 25 | Pass |
| 10C 120V  | n20 | 5240 | Ant1 | 5239.96 | -40000  | -7.63  | 25 | Pass |
| 30C 120V  | n20 | 5240 | Ant1 | 5239.92 | -80000  | -15.27 | 25 | Pass |
| 40C 120V  | n20 | 5240 | Ant1 | 5239.96 | -40000  | -7.63  | 25 | Pass |
| 50C 120V  | n20 | 5240 | Ant1 | 5239.9  | -100000 | -19.08 | 25 | Pass |
| 20C 102V  | n40 | 5190 | Ant1 | 5189.96 | -40000  | -7.71  | 25 | Pass |
| 20C 120V  | n40 | 5190 | Ant1 | 5189.96 | -40000  | -7.71  | 25 | Pass |
| 20C 138V  | n40 | 5190 | Ant1 | 5189.96 | -40000  | -7.71  | 25 | Pass |
| -20C 120V | n40 | 5190 | Ant1 | 5189.96 | -40000  | -7.71  | 25 | Pass |
| -10C 120V | n40 | 5190 | Ant1 | 5189.92 | -80000  | -15.41 | 25 | Pass |
| 0C 120V   | n40 | 5190 | Ant1 | 5189.92 | -80000  | -15.41 | 25 | Pass |
| 10C 120V  | n40 | 5190 | Ant1 | 5189.92 | -80000  | -15.41 | 25 | Pass |
| 30C 120V  | n40 | 5190 | Ant1 | 5190    | 0       | 0      | 25 | Pass |
| 40C 120V  | n40 | 5190 | Ant1 | 5189.92 | -80000  | -15.41 | 25 | Pass |
| 50C 120V  | n40 | 5190 | Ant1 | 5189.96 | -40000  | -7.71  | 25 | Pass |
| 20C 102V  | n40 | 5230 | Ant1 | 5229.96 | -40000  | -7.65  | 25 | Pass |
| 20C 120V  | n40 | 5230 | Ant1 | 5229.96 | -40000  | -7.65  | 25 | Pass |
| 20C 138V  | n40 | 5230 | Ant1 | 5229.92 | -80000  | -15.3  | 25 | Pass |
| -20C 120V | n40 | 5230 | Ant1 | 5230    | 0       | 0      | 25 | Pass |
| -10C 120V | n40 | 5230 | Ant1 | 5229.96 | -40000  | -7.65  | 25 | Pass |
| 0C 120V   | n40 | 5230 | Ant1 | 5229.96 | -40000  | -7.65  | 25 | Pass |
| 10C 120V  | n40 | 5230 | Ant1 | 5229.96 | -40000  | -7.65  | 25 | Pass |
| 30C 120V  | n40 | 5230 | Ant1 | 5229.96 | -40000  | -7.65  | 25 | Pass |



|           |      |      |      |         |         |        |    |      |
|-----------|------|------|------|---------|---------|--------|----|------|
| 40C 120V  | n40  | 5230 | Ant1 | 5229.92 | -80000  | -15.3  | 25 | Pass |
| 50C 120V  | n40  | 5230 | Ant1 | 5229.96 | -40000  | -7.65  | 25 | Pass |
| 20C 102V  | ac20 | 5180 | Ant1 | 5179.98 | -20000  | -3.86  | 25 | Pass |
| 20C 120V  | ac20 | 5180 | Ant1 | 5179.94 | -60000  | -11.58 | 25 | Pass |
| 20C 138V  | ac20 | 5180 | Ant1 | 5179.9  | -100000 | -19.31 | 25 | Pass |
| -20C 120V | ac20 | 5180 | Ant1 | 5179.94 | -60000  | -11.58 | 25 | Pass |
| -10C 120V | ac20 | 5180 | Ant1 | 5179.96 | -40000  | -7.72  | 25 | Pass |
| 0C 120V   | ac20 | 5180 | Ant1 | 5179.96 | -40000  | -7.72  | 25 | Pass |
| 10C 120V  | ac20 | 5180 | Ant1 | 5179.98 | -20000  | -3.86  | 25 | Pass |
| 30C 120V  | ac20 | 5180 | Ant1 | 5179.96 | -40000  | -7.72  | 25 | Pass |
| 40C 120V  | ac20 | 5180 | Ant1 | 5179.96 | -40000  | -7.72  | 25 | Pass |
| 50C 120V  | ac20 | 5180 | Ant1 | 5179.98 | -20000  | -3.86  | 25 | Pass |
| 20C 102V  | ac20 | 5200 | Ant1 | 5199.96 | -40000  | -7.69  | 25 | Pass |
| 20C 120V  | ac20 | 5200 | Ant1 | 5199.94 | -60000  | -11.54 | 25 | Pass |
| 20C 138V  | ac20 | 5200 | Ant1 | 5199.94 | -60000  | -11.54 | 25 | Pass |
| -20C 120V | ac20 | 5200 | Ant1 | 5199.94 | -60000  | -11.54 | 25 | Pass |
| -10C 120V | ac20 | 5200 | Ant1 | 5199.96 | -40000  | -7.69  | 25 | Pass |
| 0C 120V   | ac20 | 5200 | Ant1 | 5199.94 | -60000  | -11.54 | 25 | Pass |
| 10C 120V  | ac20 | 5200 | Ant1 | 5199.94 | -60000  | -11.54 | 25 | Pass |
| 30C 120V  | ac20 | 5200 | Ant1 | 5199.92 | -80000  | -15.38 | 25 | Pass |
| 40C 120V  | ac20 | 5200 | Ant1 | 5199.94 | -60000  | -11.54 | 25 | Pass |
| 50C 120V  | ac20 | 5200 | Ant1 | 5199.94 | -60000  | -11.54 | 25 | Pass |
| 20C 102V  | ac20 | 5240 | Ant1 | 5239.94 | -60000  | -11.45 | 25 | Pass |
| 20C 120V  | ac20 | 5240 | Ant1 | 5239.94 | -60000  | -11.45 | 25 | Pass |
| 20C 138V  | ac20 | 5240 | Ant1 | 5239.94 | -60000  | -11.45 | 25 | Pass |
| -20C 120V | ac20 | 5240 | Ant1 | 5239.94 | -60000  | -11.45 | 25 | Pass |
| -10C 120V | ac20 | 5240 | Ant1 | 5239.94 | -60000  | -11.45 | 25 | Pass |
| 0C 120V   | ac20 | 5240 | Ant1 | 5239.94 | -60000  | -11.45 | 25 | Pass |
| 10C 120V  | ac20 | 5240 | Ant1 | 5239.96 | -40000  | -7.63  | 25 | Pass |
| 30C 120V  | ac20 | 5240 | Ant1 | 5239.96 | -40000  | -7.63  | 25 | Pass |
| 40C 120V  | ac20 | 5240 | Ant1 | 5239.96 | -40000  | -7.63  | 25 | Pass |
| 50C 120V  | ac20 | 5240 | Ant1 | 5239.94 | -60000  | -11.45 | 25 | Pass |
| 20C 102V  | ac40 | 5190 | Ant1 | 5189.96 | -40000  | -7.71  | 25 | Pass |
| 20C 120V  | ac40 | 5190 | Ant1 | 5189.96 | -40000  | -7.71  | 25 | Pass |
| 20C 138V  | ac40 | 5190 | Ant1 | 5189.96 | -40000  | -7.71  | 25 | Pass |
| -20C 120V | ac40 | 5190 | Ant1 | 5189.96 | -40000  | -7.71  | 25 | Pass |
| -10C 120V | ac40 | 5190 | Ant1 | 5189.92 | -80000  | -15.41 | 25 | Pass |
| 0C 120V   | ac40 | 5190 | Ant1 | 5189.92 | -80000  | -15.41 | 25 | Pass |
| 10C 120V  | ac40 | 5190 | Ant1 | 5189.96 | -40000  | -7.71  | 25 | Pass |
| 30C 120V  | ac40 | 5190 | Ant1 | 5189.96 | -40000  | -7.71  | 25 | Pass |
| 40C 120V  | ac40 | 5190 | Ant1 | 5189.92 | -80000  | -15.41 | 25 | Pass |
| 50C 120V  | ac40 | 5190 | Ant1 | 5189.92 | -80000  | -15.41 | 25 | Pass |
| 20C 102V  | ac40 | 5230 | Ant1 | 5229.92 | -80000  | -15.3  | 25 | Pass |





|           |      |      |      |         |        |        |    |      |
|-----------|------|------|------|---------|--------|--------|----|------|
| 20C 120V  | ac40 | 5230 | Ant1 | 5229.92 | -80000 | -15.3  | 25 | Pass |
| 20C 138V  | ac40 | 5230 | Ant1 | 5229.92 | -80000 | -15.3  | 25 | Pass |
| -20C 120V | ac40 | 5230 | Ant1 | 5229.92 | -80000 | -15.3  | 25 | Pass |
| -10C 120V | ac40 | 5230 | Ant1 | 5229.96 | -40000 | -7.65  | 25 | Pass |
| 0C 120V   | ac40 | 5230 | Ant1 | 5229.92 | -80000 | -15.3  | 25 | Pass |
| 10C 120V  | ac40 | 5230 | Ant1 | 5229.96 | -40000 | -7.65  | 25 | Pass |
| 30C 120V  | ac40 | 5230 | Ant1 | 5229.92 | -80000 | -15.3  | 25 | Pass |
| 40C 120V  | ac40 | 5230 | Ant1 | 5229.92 | -80000 | -15.3  | 25 | Pass |
| 50C 120V  | ac40 | 5230 | Ant1 | 5229.92 | -80000 | -15.3  | 25 | Pass |
| 20C 102V  | ac80 | 5210 | Ant1 | 5210.04 | 40000  | 7.68   | 25 | Pass |
| 20C 120V  | ac80 | 5210 | Ant1 | 5209.92 | -80000 | -15.36 | 25 | Pass |
| 20C 138V  | ac80 | 5210 | Ant1 | 5210.08 | 80000  | 15.36  | 25 | Pass |
| -20C 120V | ac80 | 5210 | Ant1 | 5209.96 | -40000 | -7.68  | 25 | Pass |
| -10C 120V | ac80 | 5210 | Ant1 | 5210    | 0      | 0      | 25 | Pass |
| 0C 120V   | ac80 | 5210 | Ant1 | 5209.92 | -80000 | -15.36 | 25 | Pass |
| 10C 120V  | ac80 | 5210 | Ant1 | 5209.94 | -60000 | -11.52 | 25 | Pass |
| 30C 120V  | ac80 | 5210 | Ant1 | 5210.08 | 80000  | 15.36  | 25 | Pass |
| 40C 120V  | ac80 | 5210 | Ant1 | 5209.92 | -80000 | -15.36 | 25 | Pass |
| 50C 120V  | ac80 | 5210 | Ant1 | 5210    | 0      | 0      | 25 | Pass |



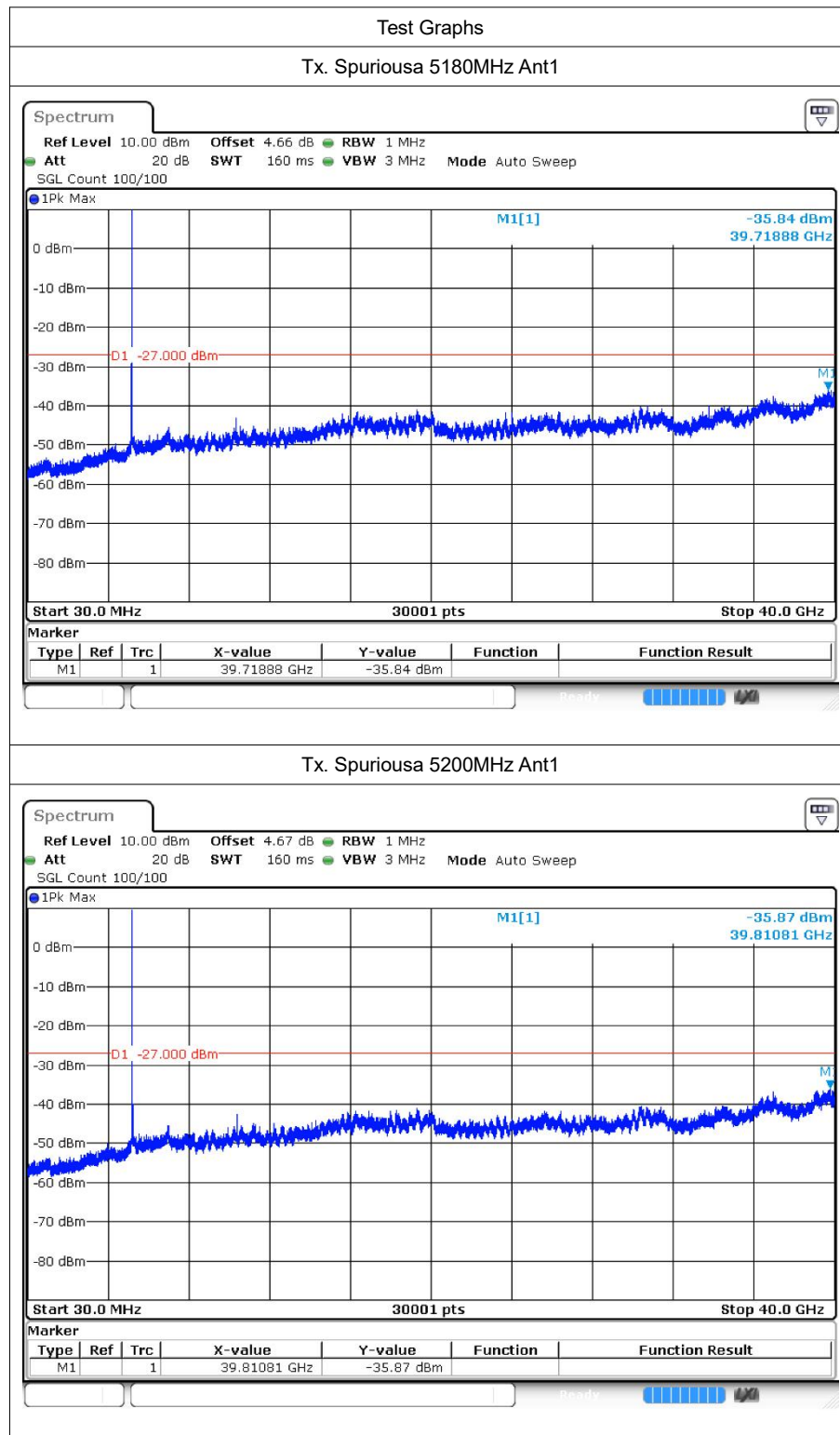
## 7 Conducted RF Spurious Emission

### 7.1 Test Result

| Mode | Frequency (MHz) | Antenna | Max Value (dBc) | Limit (dBc) | Verdict |
|------|-----------------|---------|-----------------|-------------|---------|
| a    | 5180            | Ant1    | -35.83          | -27         | Pass    |
| a    | 5200            | Ant1    | -35.86          | -27         | Pass    |
| a    | 5240            | Ant1    | -35.69          | -27         | Pass    |
| n20  | 5180            | Ant1    | -35.48          | -27         | Pass    |
| n20  | 5200            | Ant1    | -36.69          | -27         | Pass    |
| n20  | 5240            | Ant1    | -36.23          | -27         | Pass    |
| n40  | 5190            | Ant1    | -35.75          | -27         | Pass    |
| n40  | 5230            | Ant1    | -34.64          | -27         | Pass    |
| ac20 | 5180            | Ant1    | -36.14          | -27         | Pass    |
| ac20 | 5200            | Ant1    | -35.86          | -27         | Pass    |
| ac20 | 5240            | Ant1    | -36.21          | -27         | Pass    |
| ac40 | 5190            | Ant1    | -35.92          | -27         | Pass    |
| ac40 | 5230            | Ant1    | -35.53          | -27         | Pass    |
| ac80 | 5210            | Ant1    | -36.49          | -27         | Pass    |

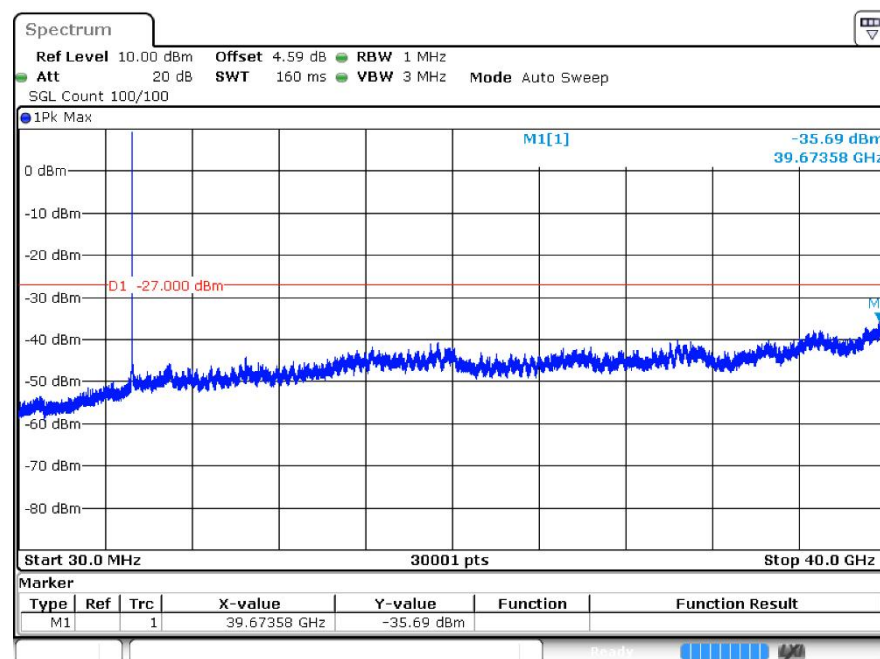


## 7.2 Test Graphs

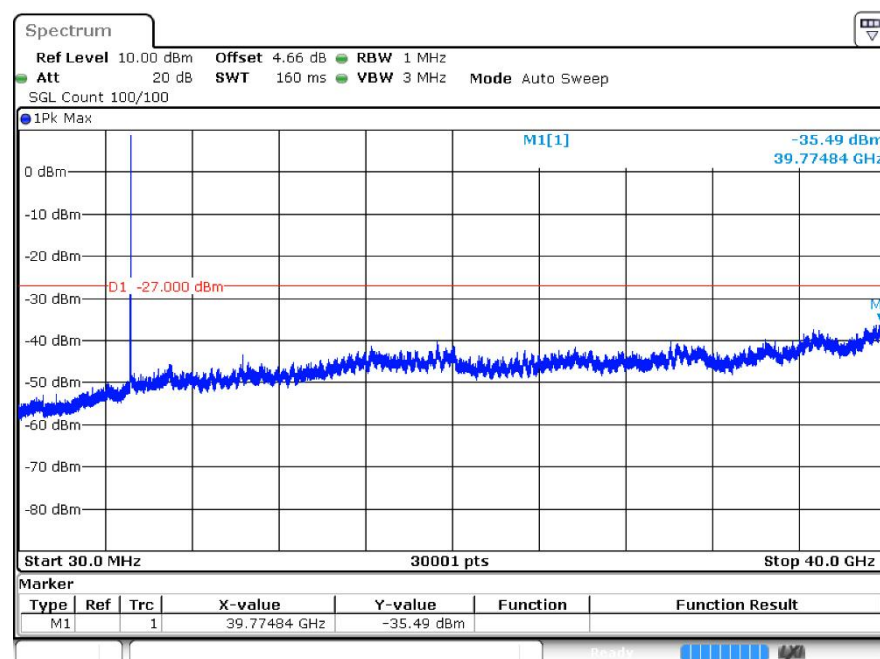




Tx. Spurious 5240MHz Ant1

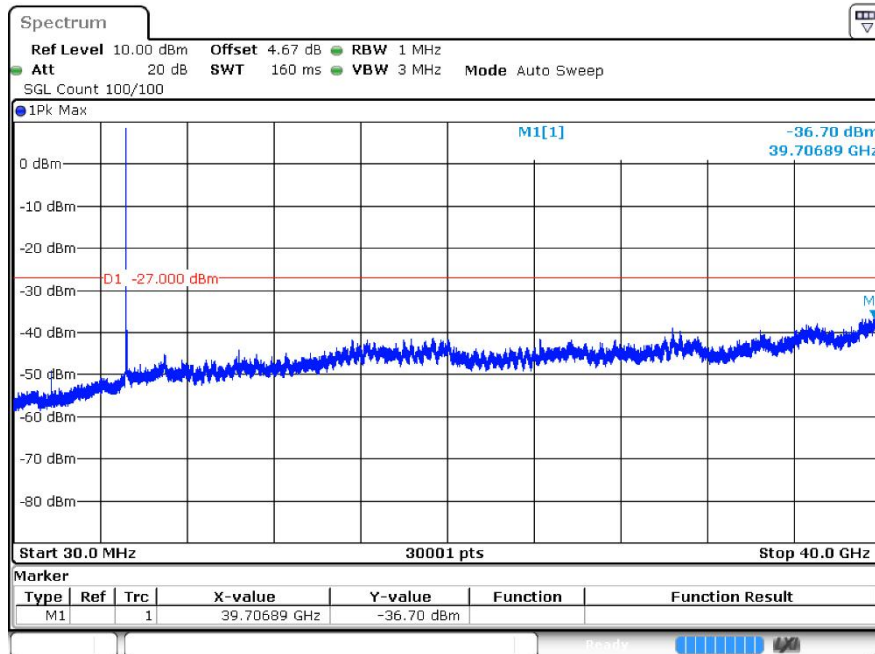


Tx. Spurious n20 5180MHz Ant1

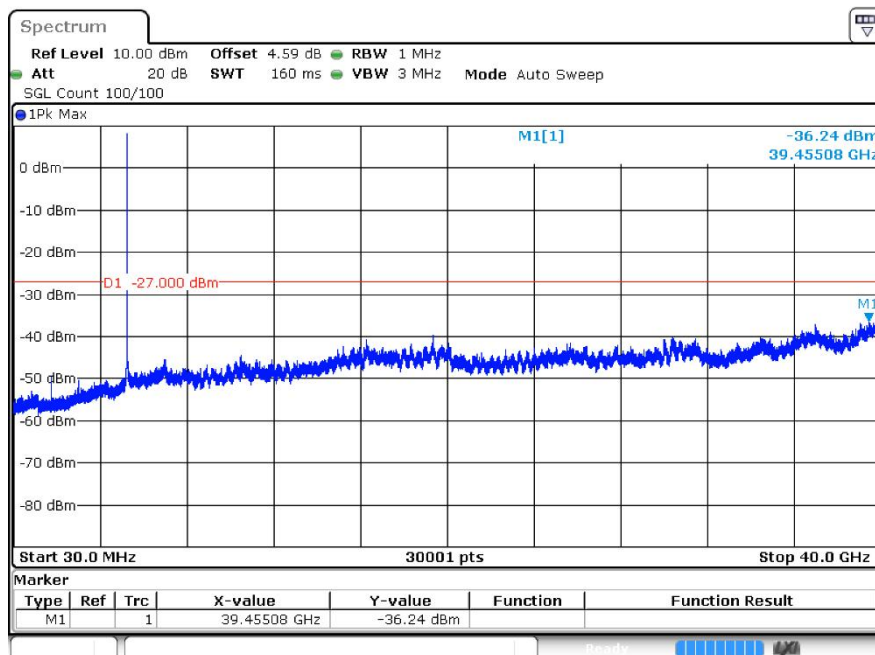




Tx. Spurious n20 5200MHz Ant1

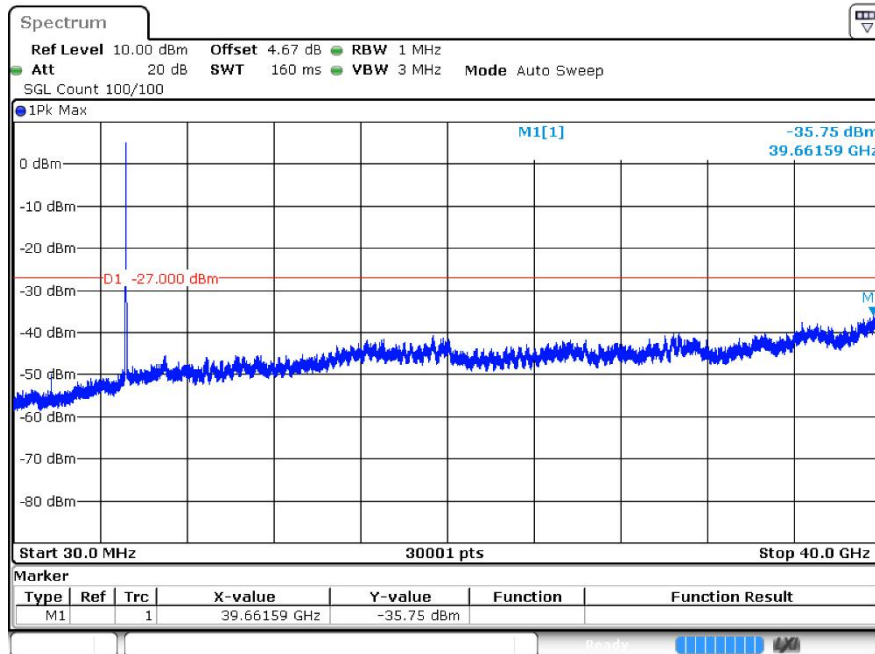


Tx. Spurious n20 5240MHz Ant1

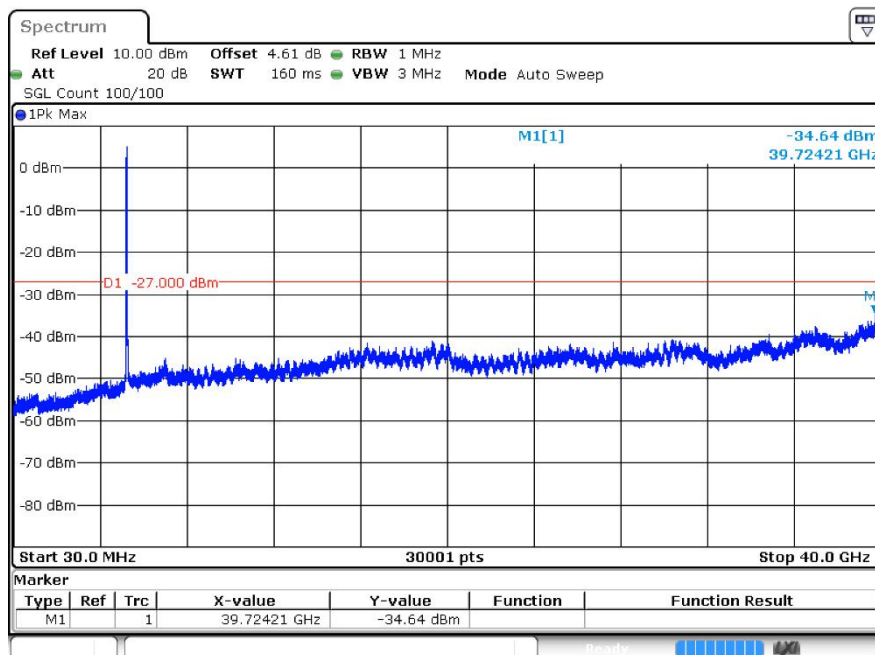




Tx. Spuriousn40 5190MHz Ant1

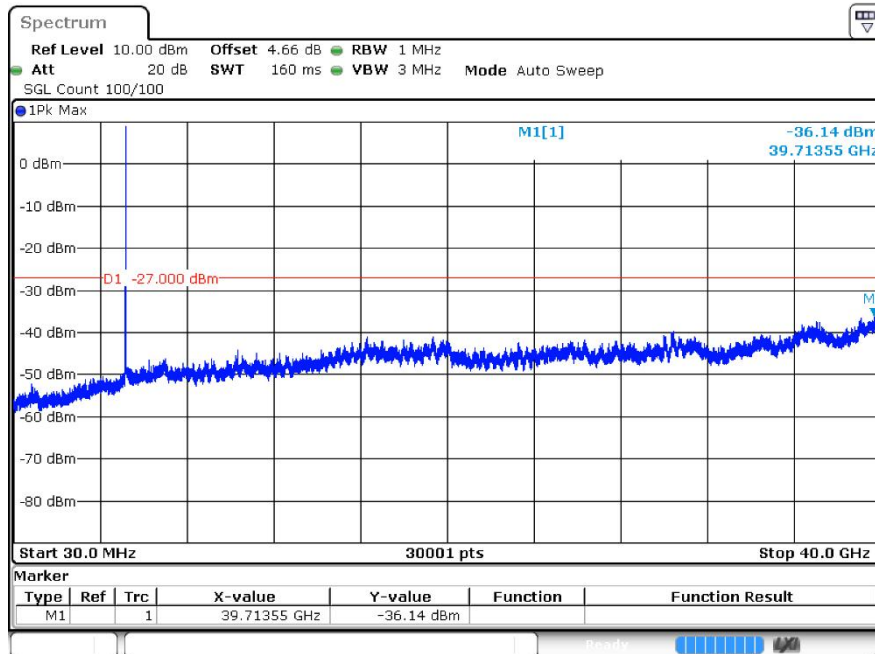


Tx. Spuriousn40 5230MHz Ant1

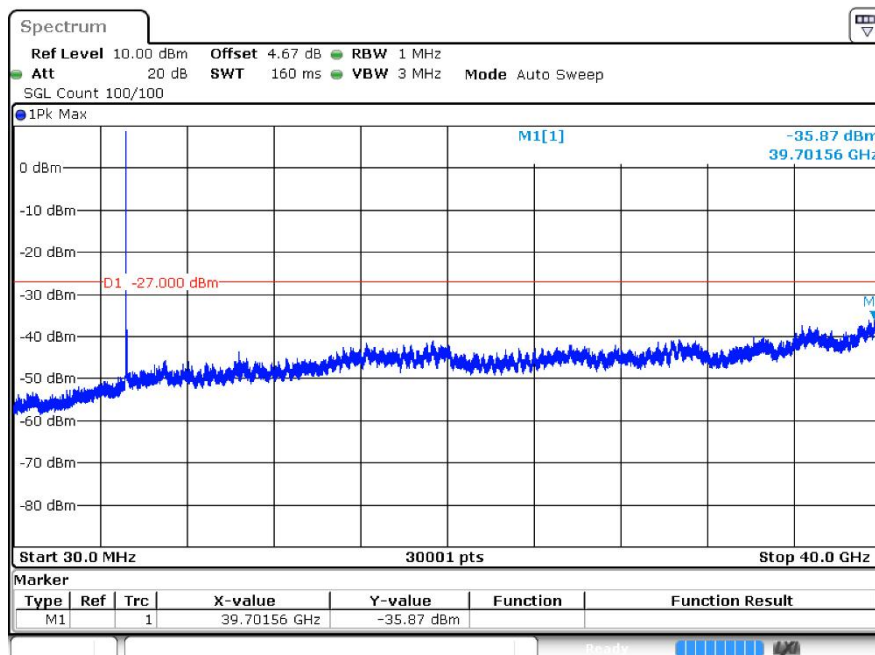




Tx. Spurious ac20 5180MHz Ant1

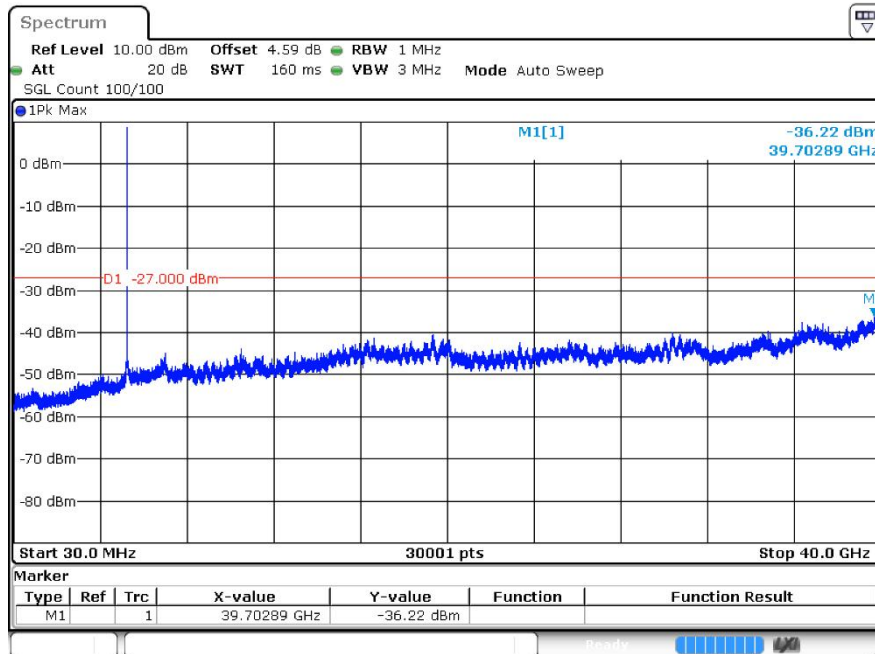


Tx. Spurious ac20 5200MHz Ant1

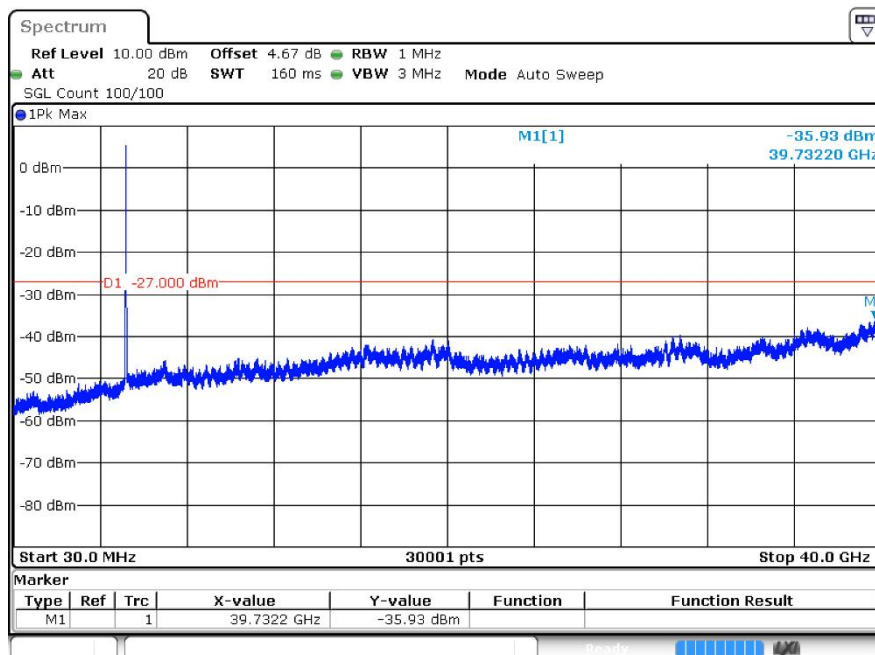




Tx. Spurious ac20 5240MHz Ant1

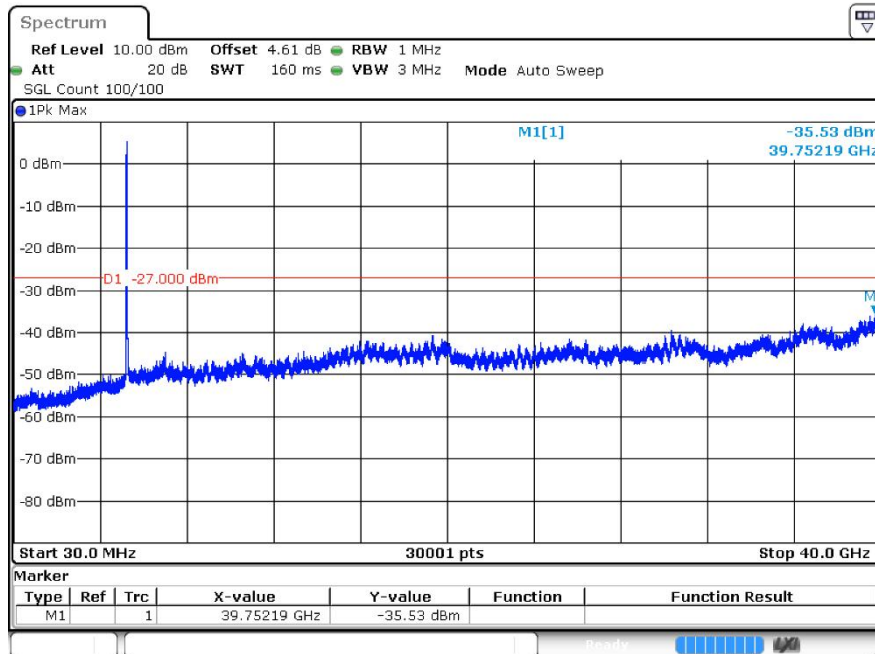


Tx. Spuriousac40 5190MHz Ant1

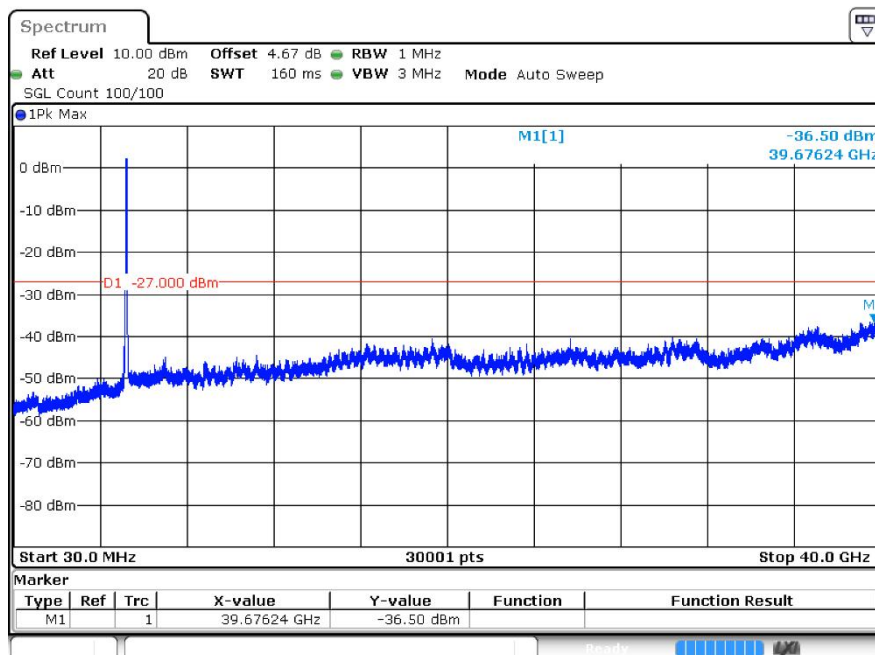




Tx. Spuriousac40 5230MHz Ant1



Tx. Spuriousac80 5210MHz Ant1





## 8 Restrict Band

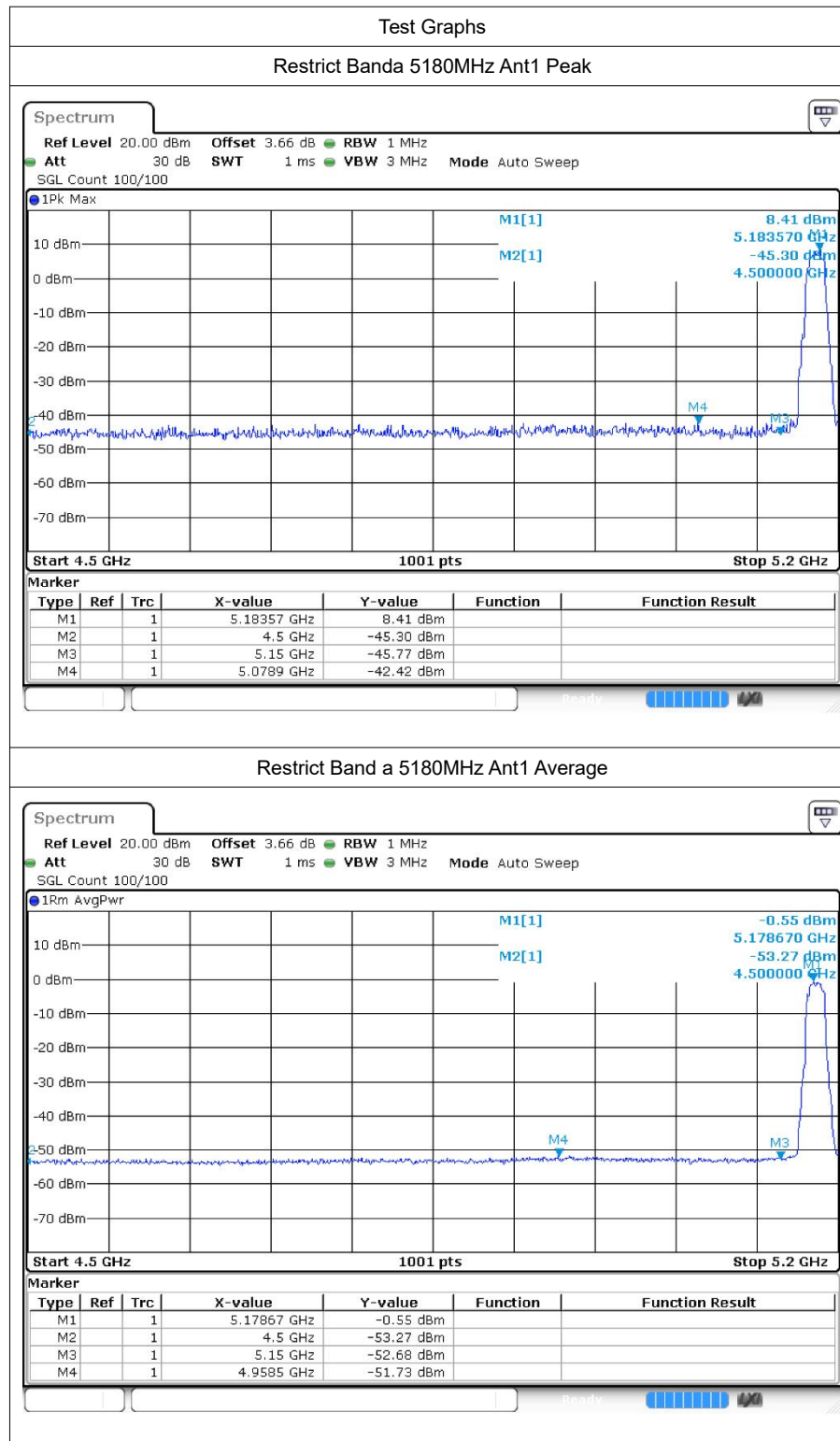
### 8.1 Test Result

| Mode | Frequency (MHz) | Antenna | Spur Freq (MHz) | Power (dBm) | Gain (dBi) | Duty Factor | E (dBuV/m) | Detector | Limit (dBuV/m) | Verdict |
|------|-----------------|---------|-----------------|-------------|------------|-------------|------------|----------|----------------|---------|
| a    | 5180            | Ant1    | 4500            | -45.3       | 5.0        | -           | 54.93      | Peak     | 68.2           | Pass    |
| a    | 5180            | Ant1    | 4500            | -53.27      | 5.0        | 0.6         | 47.56      | Average  | 54             | Pass    |
| a    | 5180            | Ant1    | 5078.9          | -42.41      | 5.0        | -           | 57.82      | Peak     | 68.2           | Pass    |
| a    | 5180            | Ant1    | 4958.5          | -51.72      | 5.0        | 0.6         | 49.11      | Average  | 54             | Pass    |
| a    | 5180            | Ant1    | 5150            | -45.77      | 5.0        | -           | 54.46      | Peak     | 68.2           | Pass    |
| a    | 5180            | Ant1    | 5150            | -52.68      | 5.0        | 0.6         | 48.15      | Average  | 54             | Pass    |
| a    | 5240            | Ant1    | 5350            | -46.11      | 5.0        | -           | 54.12      | Peak     | 68.2           | Pass    |
| a    | 5240            | Ant1    | 5350            | -52.73      | 5.0        | 0.6         | 48.1       | Average  | 54             | Pass    |
| a    | 5240            | Ant1    | 5447.28         | -41.55      | 5.0        | -           | 58.68      | Peak     | 68.2           | Pass    |
| a    | 5240            | Ant1    | 5448.24         | -50.21      | 5.0        | 0.6         | 50.62      | Average  | 54             | Pass    |
| a    | 5240            | Ant1    | 5460            | -45.34      | 5.0        | -           | 54.89      | Peak     | 68.2           | Pass    |
| a    | 5240            | Ant1    | 5460            | -51.76      | 5.0        | 0.6         | 49.07      | Average  | 54             | Pass    |
| n20  | 5180            | Ant1    | 4500            | -46.36      | 5.0        | -           | 53.87      | Peak     | 68.2           | Pass    |
| n20  | 5180            | Ant1    | 4500            | -53.44      | 5.0        | 0.57        | 47.36      | Average  | 54             | Pass    |
| n20  | 5180            | Ant1    | 4882.9          | -42.18      | 5.0        | -           | 58.05      | Peak     | 68.2           | Pass    |
| n20  | 5180            | Ant1    | 5149.6          | -51.84      | 5.0        | 0.57        | 48.96      | Average  | 54             | Pass    |
| n20  | 5180            | Ant1    | 5150            | -45.66      | 5.0        | -           | 54.57      | Peak     | 68.2           | Pass    |
| n20  | 5180            | Ant1    | 5150            | -52.08      | 5.0        | 0.57        | 48.72      | Average  | 54             | Pass    |
| n20  | 5240            | Ant1    | 5350            | -46.46      | 5.0        | -           | 53.77      | Peak     | 68.2           | Pass    |
| n20  | 5240            | Ant1    | 5350            | -52.45      | 5.0        | 0.57        | 48.35      | Average  | 54             | Pass    |
| n20  | 5240            | Ant1    | 5355.36         | -42.36      | 5.0        | -           | 57.87      | Peak     | 68.2           | Pass    |
| n20  | 5240            | Ant1    | 5451.84         | -50.54      | 5.0        | 0.57        | 50.26      | Average  | 54             | Pass    |
| n20  | 5240            | Ant1    | 5460            | -44.9       | 5.0        | -           | 55.33      | Peak     | 68.2           | Pass    |
| n20  | 5240            | Ant1    | 5460            | -52.46      | 5.0        | 0.57        | 48.34      | Average  | 54             | Pass    |
| n40  | 5190            | Ant1    | 4500            | -45.21      | 5.0        | -           | 55.02      | Peak     | 68.2           | Pass    |
| n40  | 5190            | Ant1    | 4500            | -54.1       | 5.0        | 0.55        | 46.68      | Average  | 54             | Pass    |
| n40  | 5190            | Ant1    | 4947.49         | -41.68      | 5.0        | -           | 58.55      | Peak     | 68.2           | Pass    |
| n40  | 5190            | Ant1    | 5149.7          | -51.68      | 5.0        | 0.55        | 49.1       | Average  | 54             | Pass    |
| n40  | 5190            | Ant1    | 5150            | -42.6       | 5.0        | -           | 57.63      | Peak     | 68.2           | Pass    |
| n40  | 5190            | Ant1    | 5150            | -52.56      | 5.0        | 0.55        | 48.22      | Average  | 54             | Pass    |
| n40  | 5230            | Ant1    | 5350            | -45.66      | 5.0        | -           | 54.57      | Peak     | 68.2           | Pass    |
| n40  | 5230            | Ant1    | 5350            | -52.09      | 5.0        | 0.55        | 48.69      | Average  | 54             | Pass    |
| n40  | 5230            | Ant1    | 5450.28         | -42.22      | 5.0        | -           | 58.01      | Peak     | 68.2           | Pass    |
| n40  | 5230            | Ant1    | 5447.31         | -50.17      | 5.0        | 0.55        | 50.61      | Average  | 54             | Pass    |
| n40  | 5230            | Ant1    | 5460            | -43.45      | 5.0        | -           | 56.78      | Peak     | 68.2           | Pass    |

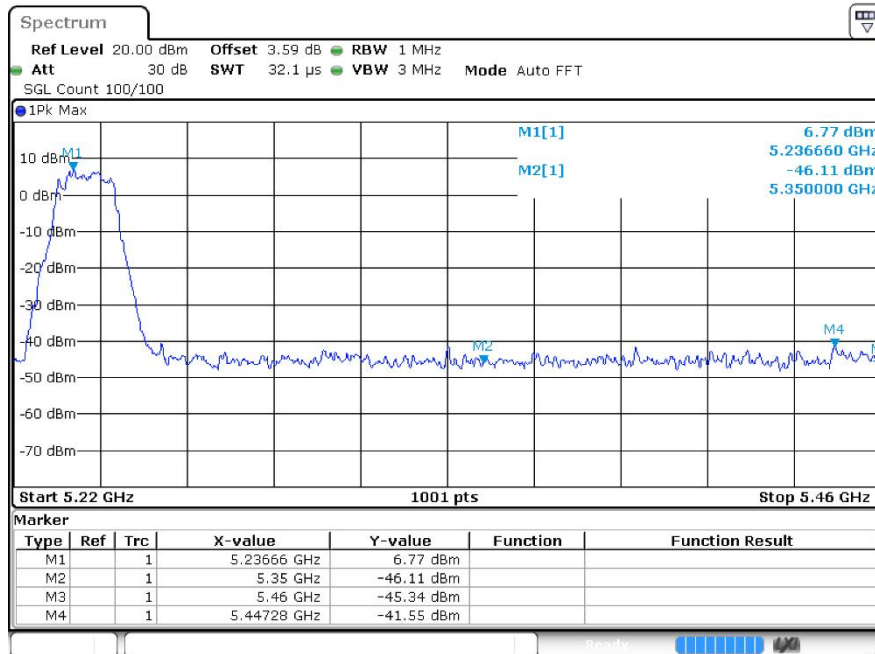


|      |      |      |         |        |     |      |       |         |      |      |
|------|------|------|---------|--------|-----|------|-------|---------|------|------|
| n40  | 5230 | Ant1 | 5460    | -51.92 | 5.0 | 0.55 | 48.86 | Average | 54   | Pass |
| ac20 | 5180 | Ant1 | 4500    | -46.06 | 5.0 | -    | 54.17 | Peak    | 68.2 | Pass |
| ac20 | 5180 | Ant1 | 4500    | -53.88 | 5.0 | 0.6  | 46.95 | Average | 54   | Pass |
| ac20 | 5180 | Ant1 | 5087.3  | -41.48 | 5.0 | -    | 58.75 | Peak    | 68.2 | Pass |
| ac20 | 5180 | Ant1 | 4974.6  | -51.77 | 5.0 | 0.6  | 49.06 | Average | 54   | Pass |
| ac20 | 5180 | Ant1 | 5150    | -42.77 | 5.0 | -    | 57.46 | Peak    | 68.2 | Pass |
| ac20 | 5180 | Ant1 | 5150    | -52.43 | 5.0 | 0.6  | 48.4  | Average | 54   | Pass |
| ac20 | 5240 | Ant1 | 5350    | -44.82 | 5.0 | -    | 55.41 | Peak    | 68.2 | Pass |
| ac20 | 5240 | Ant1 | 5350    | -52.41 | 5.0 | 0.6  | 48.42 | Average | 54   | Pass |
| ac20 | 5240 | Ant1 | 5454    | -41.06 | 5.0 | -    | 59.17 | Peak    | 68.2 | Pass |
| ac20 | 5240 | Ant1 | 5449.2  | -50.11 | 5.0 | 0.6  | 50.72 | Average | 54   | Pass |
| ac20 | 5240 | Ant1 | 5460    | -43.91 | 5.0 | -    | 56.32 | Peak    | 68.2 | Pass |
| ac20 | 5240 | Ant1 | 5460    | -52.05 | 5.0 | 0.6  | 48.78 | Average | 54   | Pass |
| ac40 | 5190 | Ant1 | 4500    | -44.98 | 5.0 | -    | 55.25 | Peak    | 68.2 | Pass |
| ac40 | 5190 | Ant1 | 4500    | -53.15 | 5.0 | 0.6  | 47.68 | Average | 54   | Pass |
| ac40 | 5190 | Ant1 | 5048.96 | -42.54 | 5.0 | -    | 57.69 | Peak    | 68.2 | Pass |
| ac40 | 5190 | Ant1 | 5059.18 | -51.47 | 5.0 | 0.6  | 49.36 | Average | 54   | Pass |
| ac40 | 5190 | Ant1 | 5150    | -42.78 | 5.0 | -    | 57.45 | Peak    | 68.2 | Pass |
| ac40 | 5190 | Ant1 | 5150    | -51.97 | 5.0 | 0.6  | 48.86 | Average | 54   | Pass |
| ac40 | 5230 | Ant1 | 5350    | -45.56 | 5.0 | -    | 54.67 | Peak    | 68.2 | Pass |
| ac40 | 5230 | Ant1 | 5350    | -52.4  | 5.0 | 0.6  | 48.43 | Average | 54   | Pass |
| ac40 | 5230 | Ant1 | 5447.31 | -42.28 | 5.0 | -    | 57.95 | Peak    | 68.2 | Pass |
| ac40 | 5230 | Ant1 | 5448.93 | -50.17 | 5.0 | 0.6  | 50.66 | Average | 54   | Pass |
| ac40 | 5230 | Ant1 | 5460    | -44.45 | 5.0 | -    | 55.78 | Peak    | 68.2 | Pass |
| ac40 | 5230 | Ant1 | 5460    | -52.09 | 5.0 | 0.6  | 48.74 | Average | 54   | Pass |
| ac80 | 5210 | Ant1 | 4500    | -45.3  | 5.0 | -    | 54.93 | Peak    | 68.2 | Pass |
| ac80 | 5210 | Ant1 | 4500    | -52.99 | 5.0 | 0.59 | 47.83 | Average | 54   | Pass |
| ac80 | 5210 | Ant1 | 5130.42 | -40.72 | 5.0 | -    | 59.51 | Peak    | 68.2 | Pass |
| ac80 | 5210 | Ant1 | 5143.85 | -51.53 | 5.0 | 0.59 | 49.29 | Average | 54   | Pass |
| ac80 | 5210 | Ant1 | 5150    | -43.13 | 5.0 | -    | 57.1  | Peak    | 68.2 | Pass |
| ac80 | 5210 | Ant1 | 5150    | -51.26 | 5.0 | 0.59 | 49.56 | Average | 54   | Pass |

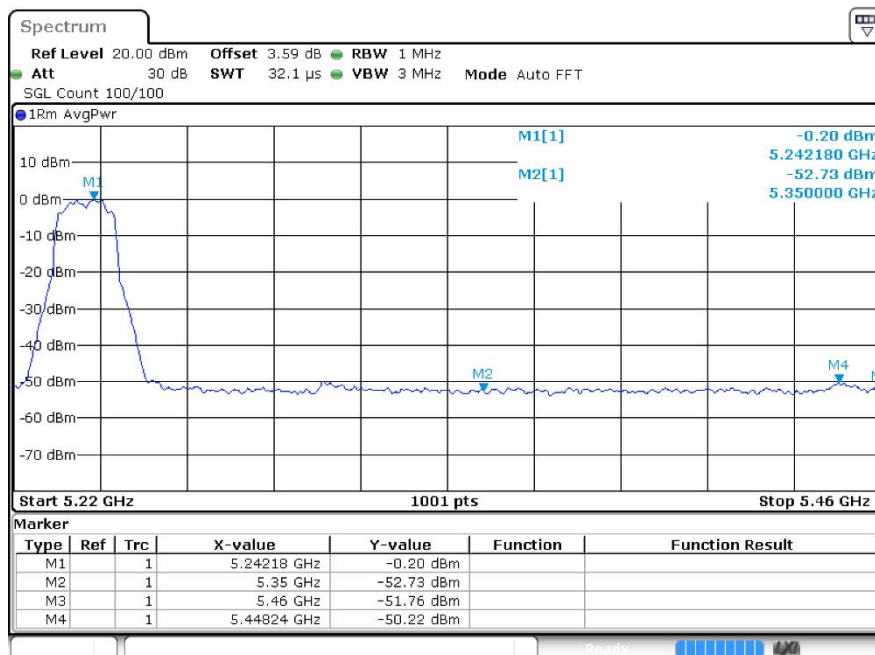
## 8.2 Test Graphs



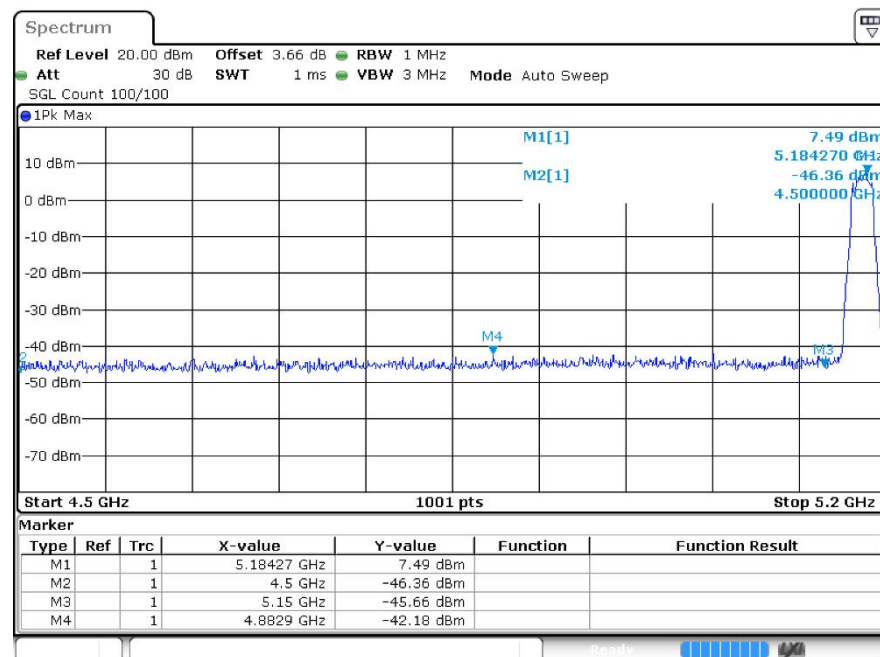
## Restrict Banda 5240MHz Ant1 Peak



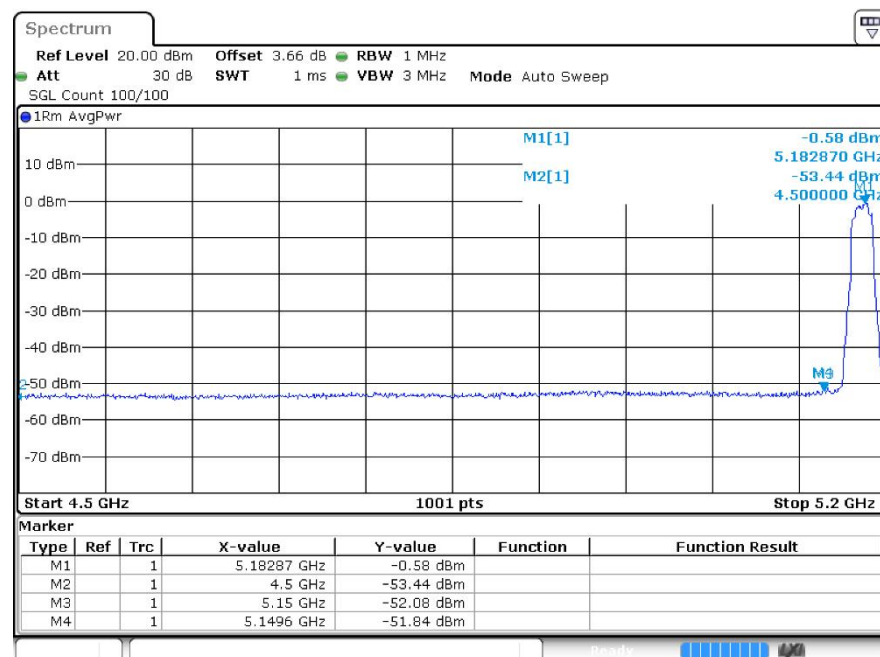
## Restrict Band a 5240MHz Ant1 Average



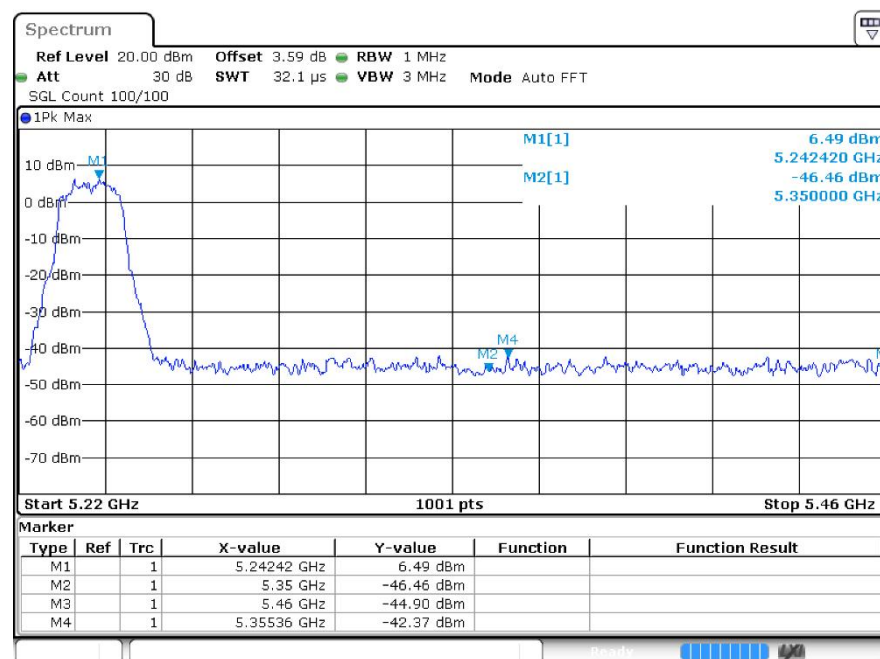
## Restrict Bandn20 5180MHz Ant1 Peak



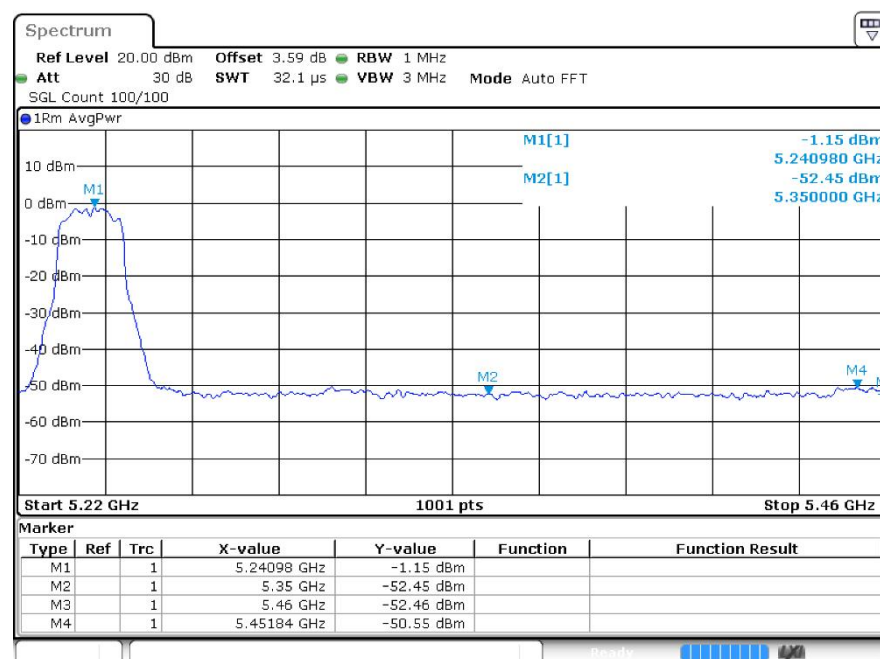
## Restrict Band n20 5180MHz Ant1 Average



## Restrict Bandn20 5240MHz Ant1 Peak

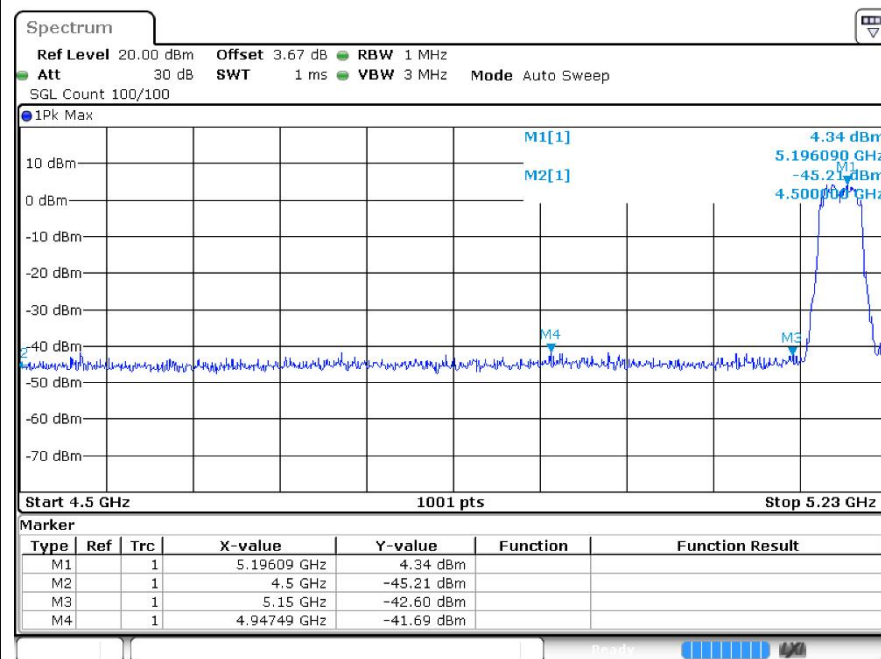


## Restrict Band n20 5240MHz Ant1 Average

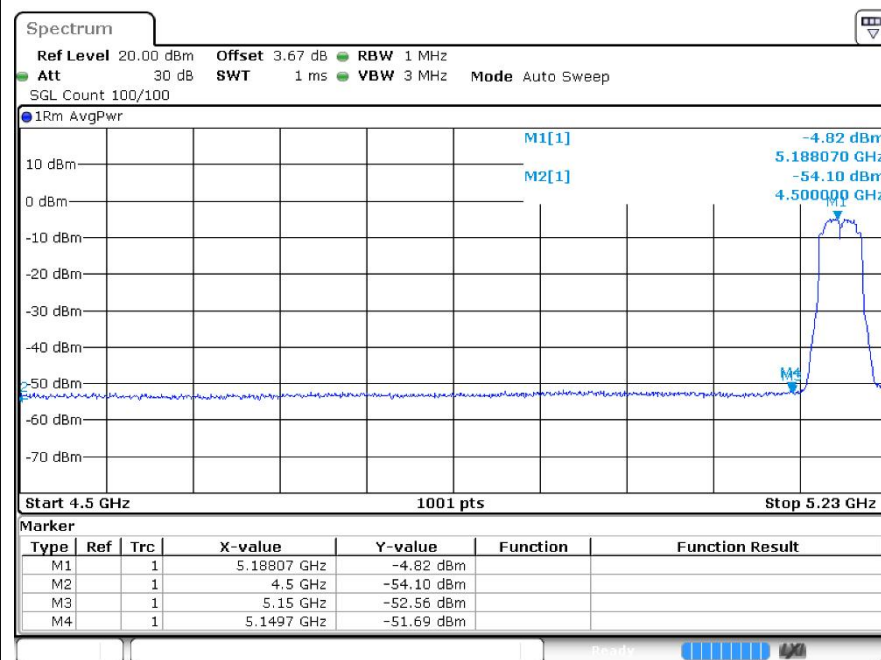




## Restrict Bandn40 5190MHz Ant1 Peak

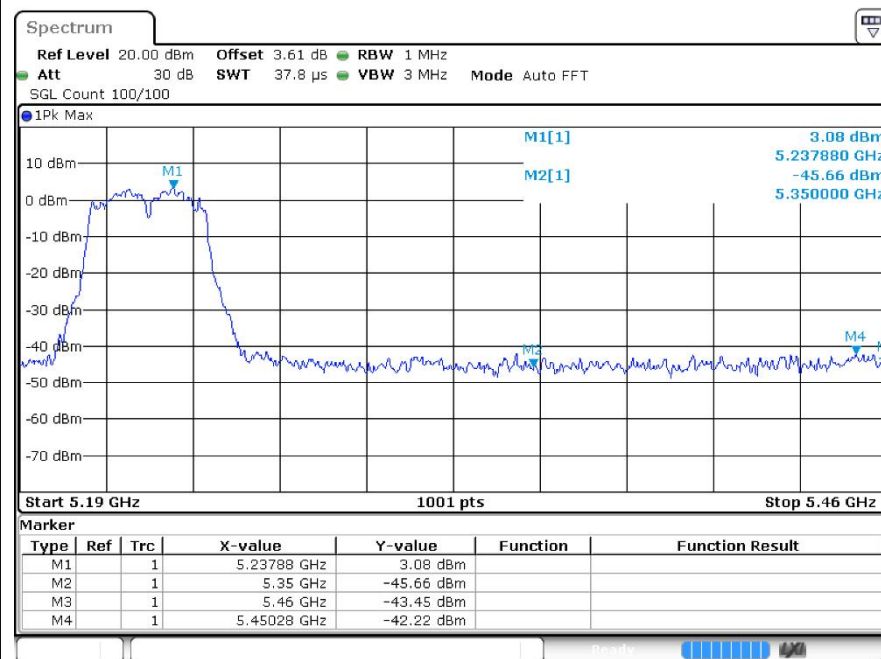


## Restrict Band n40 5190MHz Ant1 Average

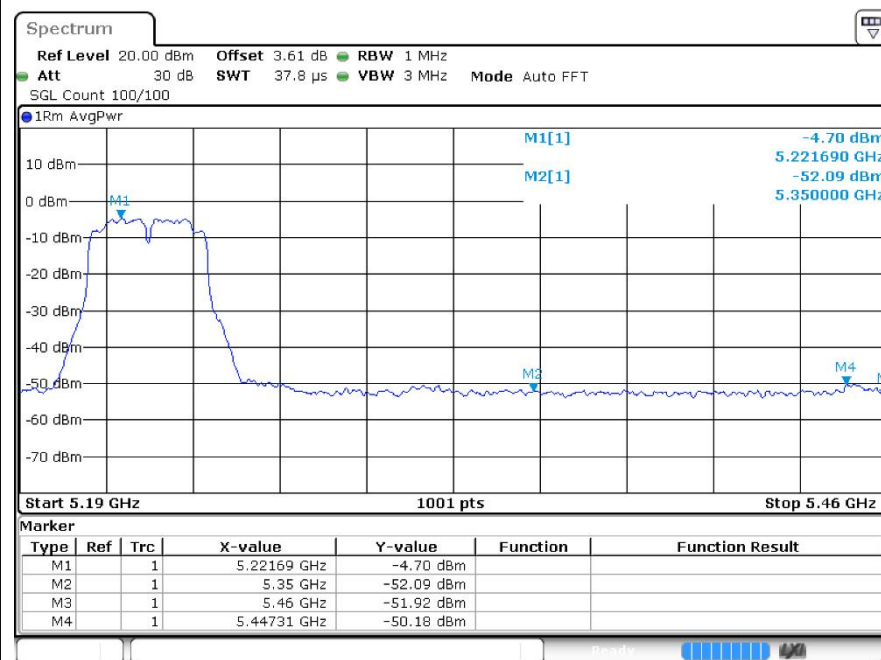




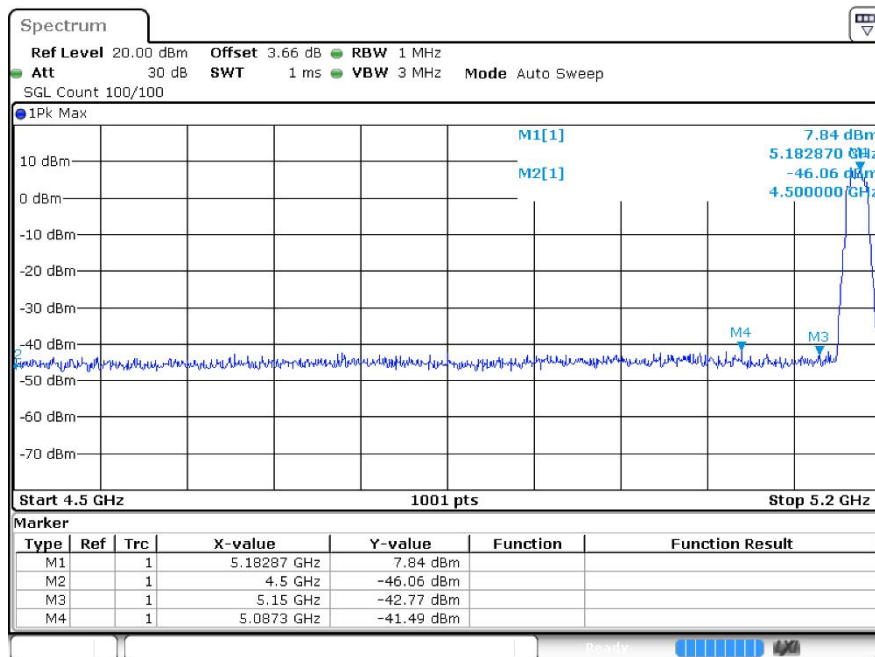
## Restrict Bandn40 5230MHz Ant1 Peak



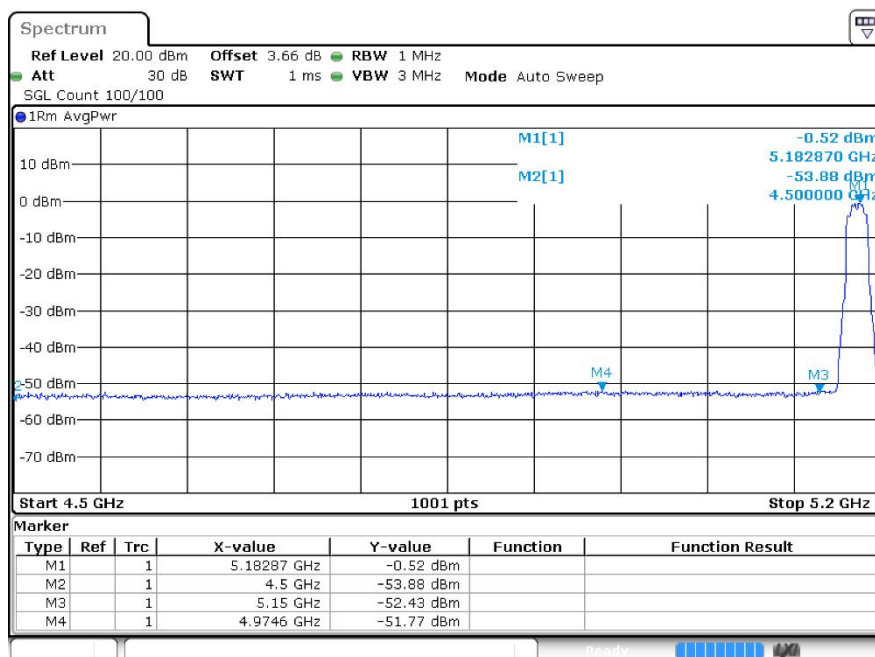
## Restrict Band n40 5230MHz Ant1 Average



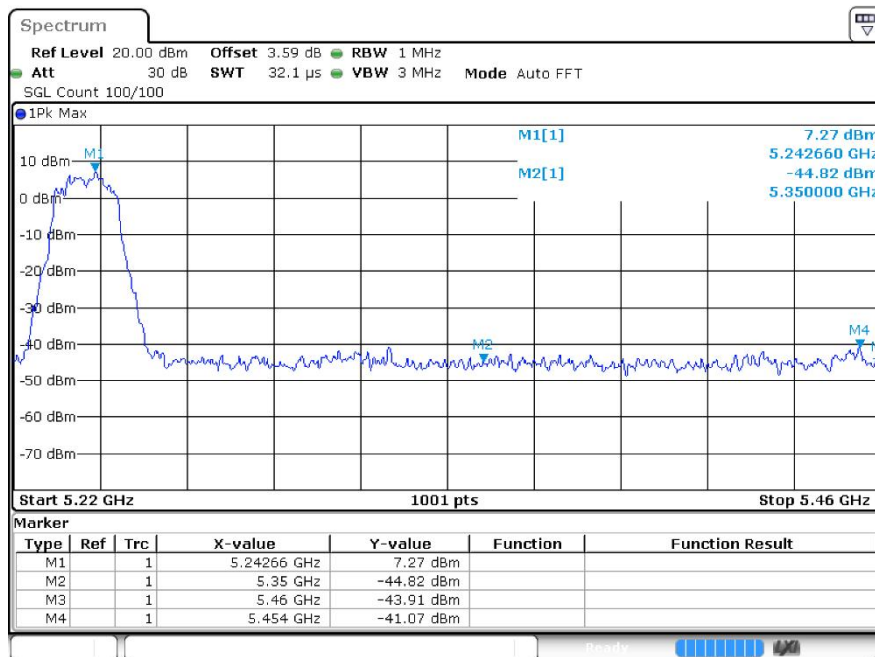
## Restrict Bandac20 5180MHz Ant1 Peak



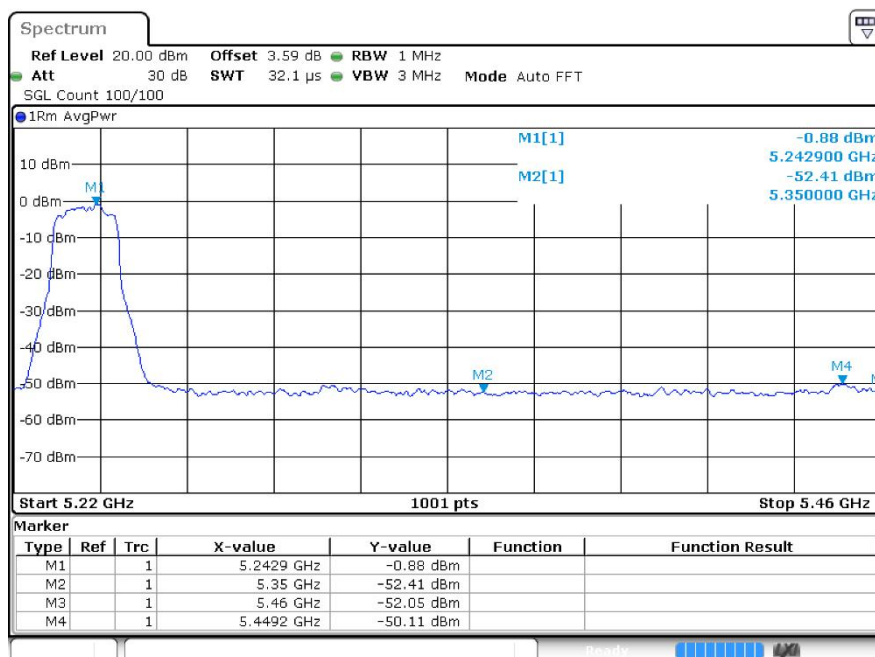
## Restrict Band ac20 5180MHz Ant1 Average



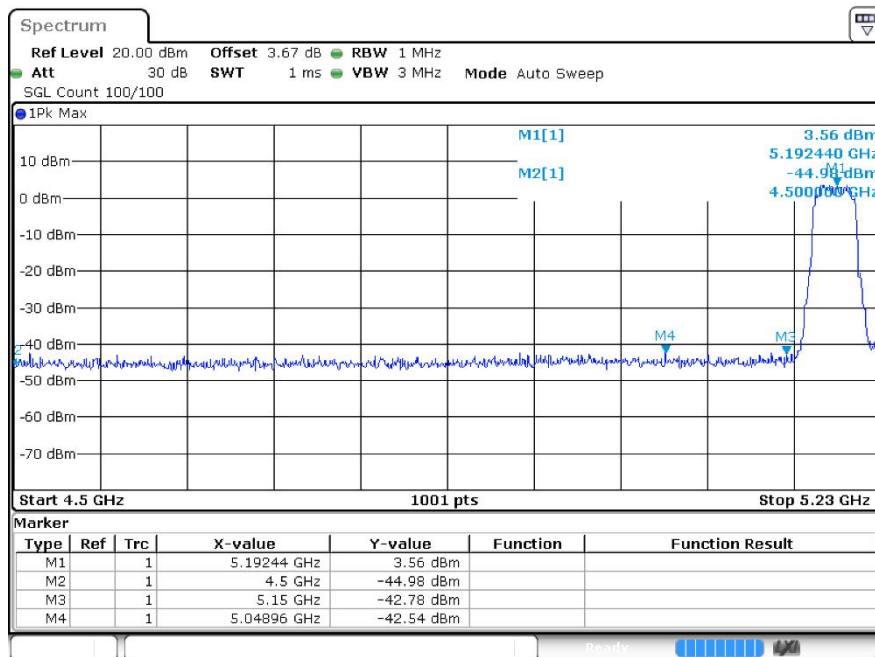
## Restrict Bandac20 5240MHz Ant1 Peak



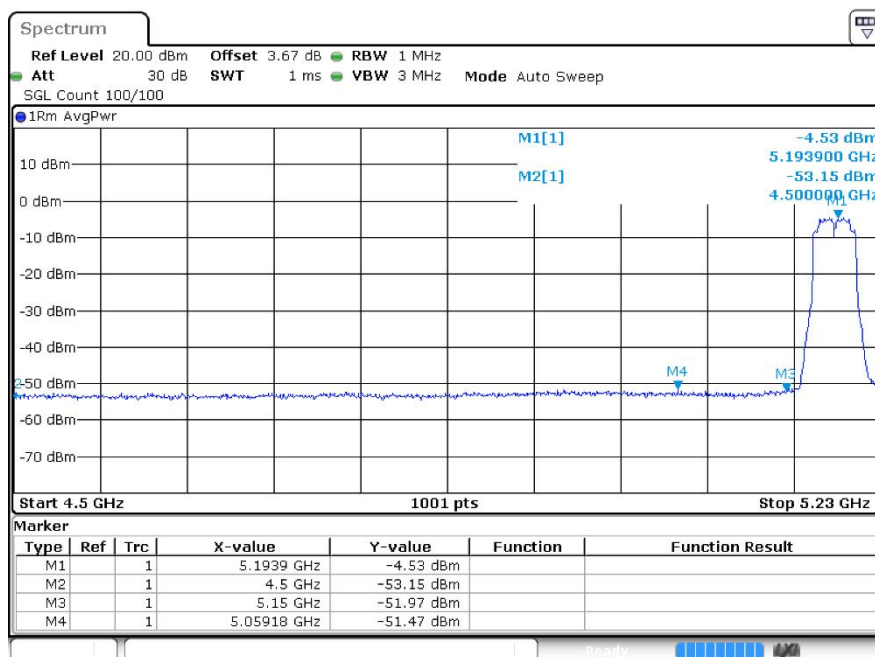
## Restrict Band ac20 5240MHz Ant1 Average



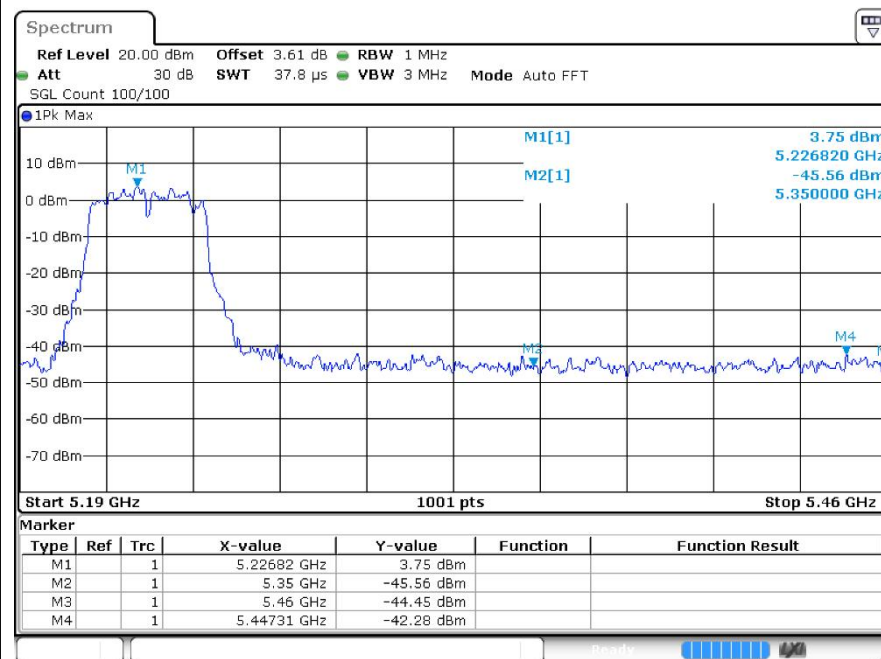
## Restrict Bandac40 5190MHz Ant1 Peak



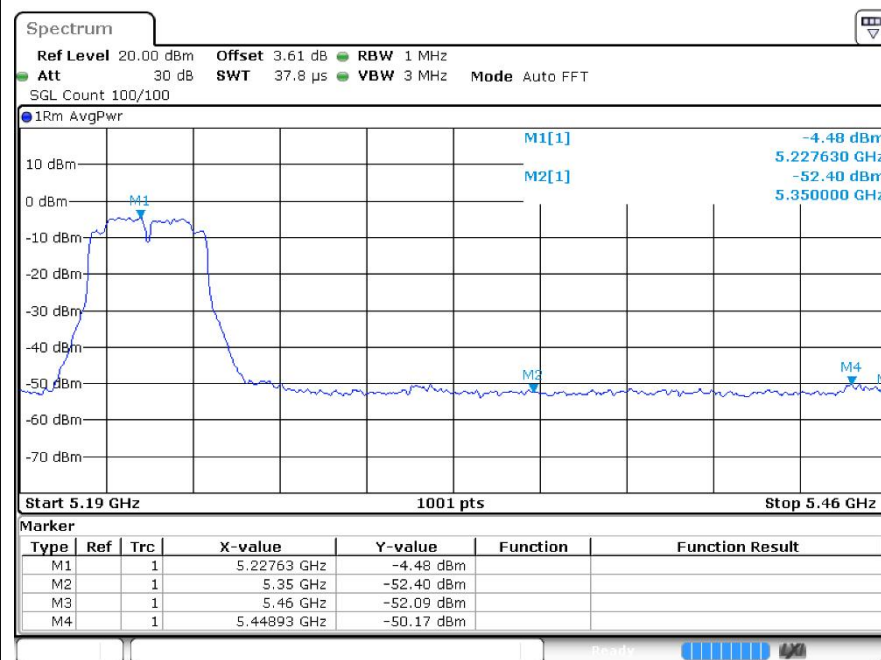
## Restrict Band ac40 5190MHz Ant1 Average



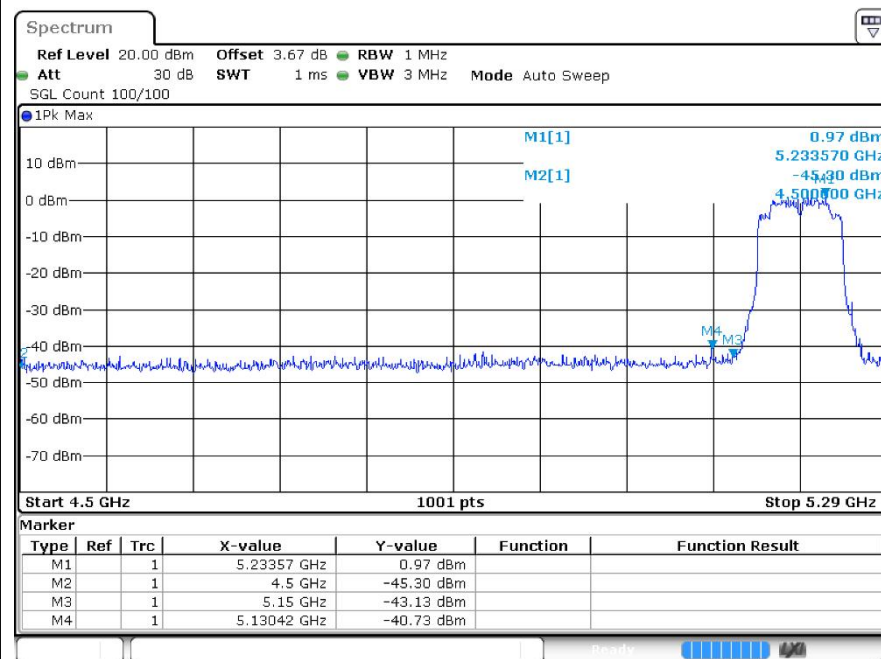
## Restrict Bandac40 5230MHz Ant1 Peak



## Restrict Band ac40 5230MHz Ant1 Average



## Restrict Bandac80 5210MHz Ant1 Peak



## Restrict Band ac80 5210MHz Ant1 Average

