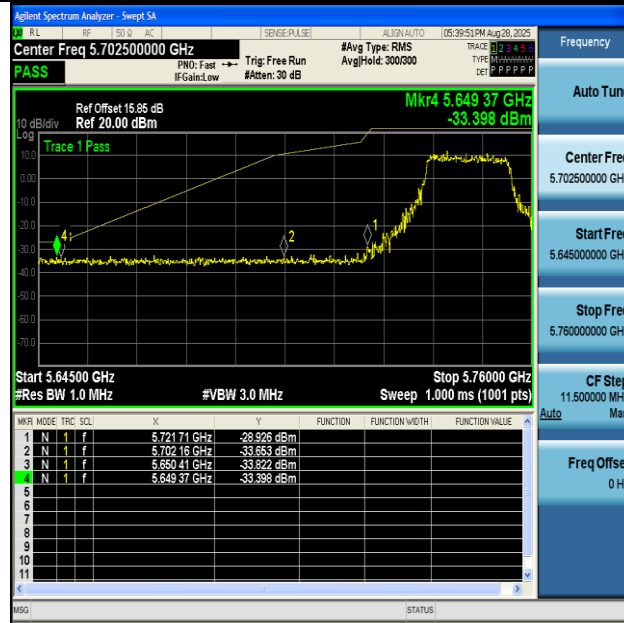




11AX20SISO-Ant1-5745-PASS



11AX20SISO-Ant1-5825-PASS



11AX40SISO-Ant1-5755-PASS



11AX40SISO-Ant1-5795-PASS

## Appendix E: Frequency Stability

### Test Result

Ant1

| Frequency<br>(MHz) | Environment<br>Temperature<br>(Degree) | Voltage<br>(VAC) | Measured<br>Frequency<br>(MHz) | Limit Range<br>(MHz) | Test<br>Results |
|--------------------|----------------------------------------|------------------|--------------------------------|----------------------|-----------------|
| 5745               | 20                                     | 132              | 5744.900978                    | 5725 – 5850          | PASS            |
| 5745               | 20                                     | 108              | 5745.041039                    | 5725 – 5850          | PASS            |
| 5745               | 50                                     | 120              | 5744.933548                    | 5725 – 5850          | PASS            |
| 5745               | 40                                     | 120              | 5745.050945                    | 5725 – 5850          | PASS            |
| 5745               | 30                                     | 120              | 5745.009926                    | 5725 – 5850          | PASS            |
| 5745               | 20                                     | 120              | 5744.907202                    | 5725 – 5850          | PASS            |
| 5745               | 10                                     | 120              | 5745.076732                    | 5725 – 5850          | PASS            |
| 5745               | 0                                      | 120              | 5745.084333                    | 5725 – 5850          | PASS            |
| 5745               | -10                                    | 120              | 5744.903159                    | 5725 – 5850          | PASS            |
| 5745               | -20                                    | 120              | 5745.033055                    | 5725 – 5850          | PASS            |
| 5745               | -30                                    | 120              | 5745.059729                    | 5725 – 5850          | PASS            |

Ant2

| Frequency<br>(MHz) | Environment<br>Temperature<br>(Degree) | Voltage<br>(VAC) | Measured<br>Frequency<br>(MHz) | Limit Range<br>(MHz) | Test<br>Results |
|--------------------|----------------------------------------|------------------|--------------------------------|----------------------|-----------------|
| 5745               | 20                                     | 132              | 5744.940474                    | 5725 – 5850          | PASS            |
| 5745               | 20                                     | 108              | 5744.916013                    | 5725 – 5850          | PASS            |
| 5745               | 50                                     | 120              | 5745.005464                    | 5725 – 5850          | PASS            |
| 5745               | 40                                     | 120              | 5744.999666                    | 5725 – 5850          | PASS            |
| 5745               | 30                                     | 120              | 5744.912172                    | 5725 – 5850          | PASS            |
| 5745               | 20                                     | 120              | 5745.005382                    | 5725 – 5850          | PASS            |
| 5745               | 10                                     | 120              | 5745.021796                    | 5725 – 5850          | PASS            |
| 5745               | 0                                      | 120              | 5744.910254                    | 5725 – 5850          | PASS            |
| 5745               | -10                                    | 120              | 5745.072852                    | 5725 – 5850          | PASS            |
| 5745               | -20                                    | 120              | 5744.909069                    | 5725 – 5850          | PASS            |
| 5745               | -30                                    | 120              | 5744.965065                    | 5725 – 5850          | PASS            |

Ant1

| Frequency<br>(MHz) | Environment<br>Temperature<br>(Degree) | Voltage<br>(VAC) | Measured<br>Frequency<br>(MHz) | Limit Range<br>(MHz) | Test<br>Results |
|--------------------|----------------------------------------|------------------|--------------------------------|----------------------|-----------------|
| 5785               | 20                                     | 132              | 5784.918658                    | 5725 – 5850          | PASS            |
| 5785               | 20                                     | 108              | 5784.976167                    | 5725 – 5850          | PASS            |
| 5785               | 50                                     | 120              | 5785.027551                    | 5725 – 5850          | PASS            |
| 5785               | 40                                     | 120              | 5784.962090                    | 5725 – 5850          | PASS            |
| 5785               | 30                                     | 120              | 5784.990629                    | 5725 – 5850          | PASS            |
| 5785               | 20                                     | 120              | 5784.998354                    | 5725 – 5850          | PASS            |
| 5785               | 10                                     | 120              | 5785.012681                    | 5725 – 5850          | PASS            |
| 5785               | 0                                      | 120              | 5785.059765                    | 5725 – 5850          | PASS            |
| 5785               | -10                                    | 120              | 5784.912339                    | 5725 – 5850          | PASS            |
| 5785               | -20                                    | 120              | 5785.074352                    | 5725 – 5850          | PASS            |
| 5785               | -30                                    | 120              | 5784.912952                    | 5725 – 5850          | PASS            |

Ant2

| Frequency<br>(MHz) | Environment<br>Temperature<br>(Degree) | Voltage<br>(VAC) | Measured<br>Frequency<br>(MHz) | Limit Range<br>(MHz) | Test<br>Results |
|--------------------|----------------------------------------|------------------|--------------------------------|----------------------|-----------------|
| 5785               | 20                                     | 132              | 5785.055904                    | 5725 – 5850          | PASS            |
| 5785               | 20                                     | 108              | 5785.023417                    | 5725 – 5850          | PASS            |
| 5785               | 50                                     | 120              | 5784.982052                    | 5725 – 5850          | PASS            |
| 5785               | 40                                     | 120              | 5785.092825                    | 5725 – 5850          | PASS            |
| 5785               | 30                                     | 120              | 5785.091799                    | 5725 – 5850          | PASS            |
| 5785               | 20                                     | 120              | 5785.069784                    | 5725 – 5850          | PASS            |
| 5785               | 10                                     | 120              | 5784.950614                    | 5725 – 5850          | PASS            |
| 5785               | 0                                      | 120              | 5785.077447                    | 5725 – 5850          | PASS            |
| 5785               | -10                                    | 120              | 5785.042768                    | 5725 – 5850          | PASS            |
| 5785               | -20                                    | 120              | 5784.974367                    | 5725 – 5850          | PASS            |
| 5785               | -30                                    | 120              | 5785.003993                    | 5725 – 5850          | PASS            |

Ant1

| Frequency<br>(MHz) | Environment<br>Temperature<br>(Degree) | Voltage<br>(VAC) | Measured<br>Frequency<br>(MHz) | Limit Range<br>(MHz) | Test<br>Results |
|--------------------|----------------------------------------|------------------|--------------------------------|----------------------|-----------------|
| 5825               | 20                                     | 132              | 5824.902968                    | 5725 – 5850          | PASS            |
| 5825               | 20                                     | 108              | 5824.910994                    | 5725 – 5850          | PASS            |
| 5825               | 50                                     | 120              | 5824.955446                    | 5725 – 5850          | PASS            |
| 5825               | 40                                     | 120              | 5824.950636                    | 5725 – 5850          | PASS            |
| 5825               | 30                                     | 120              | 5824.982370                    | 5725 – 5850          | PASS            |
| 5825               | 20                                     | 120              | 5825.085909                    | 5725 – 5850          | PASS            |
| 5825               | 10                                     | 120              | 5824.906989                    | 5725 – 5850          | PASS            |
| 5825               | 0                                      | 120              | 5825.008848                    | 5725 – 5850          | PASS            |
| 5825               | -10                                    | 120              | 5824.975844                    | 5725 – 5850          | PASS            |
| 5825               | -20                                    | 120              | 5824.953194                    | 5725 – 5850          | PASS            |
| 5825               | -30                                    | 120              | 5825.032182                    | 5725 – 5850          | PASS            |

Ant2

| Frequency<br>(MHz) | Environment<br>Temperature<br>(Degree) | Voltage<br>(VAC) | Measured<br>Frequency<br>(MHz) | Limit Range<br>(MHz) | Test<br>Results |
|--------------------|----------------------------------------|------------------|--------------------------------|----------------------|-----------------|
| 5825               | 20                                     | 132              | 5824.940325                    | 5725 – 5850          | PASS            |
| 5825               | 20                                     | 108              | 5825.074161                    | 5725 – 5850          | PASS            |
| 5825               | 50                                     | 120              | 5825.026472                    | 5725 – 5850          | PASS            |
| 5825               | 40                                     | 120              | 5824.983524                    | 5725 – 5850          | PASS            |
| 5825               | 30                                     | 120              | 5824.918209                    | 5725 – 5850          | PASS            |
| 5825               | 20                                     | 120              | 5825.060073                    | 5725 – 5850          | PASS            |
| 5825               | 10                                     | 120              | 5825.005428                    | 5725 – 5850          | PASS            |
| 5825               | 0                                      | 120              | 5824.983522                    | 5725 – 5850          | PASS            |
| 5825               | -10                                    | 120              | 5825.083726                    | 5725 – 5850          | PASS            |
| 5825               | -20                                    | 120              | 5824.988826                    | 5725 – 5850          | PASS            |
| 5825               | -30                                    | 120              | 5825.095740                    | 5725 – 5850          | PASS            |

Ant1

| Frequency<br>(MHz) | Environment<br>Temperature<br>(Degree) | Voltage<br>(VAC) | Measured<br>Frequency<br>(MHz) | Limit Range<br>(MHz) | Test<br>Results |
|--------------------|----------------------------------------|------------------|--------------------------------|----------------------|-----------------|
| 5755               | 20                                     | 132              | 5755.085781                    | 5725 – 5850          | PASS            |
| 5755               | 20                                     | 108              | 5755.018576                    | 5725 – 5850          | PASS            |
| 5755               | 50                                     | 120              | 5754.997551                    | 5725 – 5850          | PASS            |
| 5755               | 40                                     | 120              | 5755.045244                    | 5725 – 5850          | PASS            |
| 5755               | 30                                     | 120              | 5755.005085                    | 5725 – 5850          | PASS            |
| 5755               | 20                                     | 120              | 5754.993754                    | 5725 – 5850          | PASS            |
| 5755               | 10                                     | 120              | 5755.045784                    | 5725 – 5850          | PASS            |
| 5755               | 0                                      | 120              | 5754.938192                    | 5725 – 5850          | PASS            |
| 5755               | -10                                    | 120              | 5755.050014                    | 5725 – 5850          | PASS            |
| 5755               | -20                                    | 120              | 5754.939851                    | 5725 – 5850          | PASS            |
| 5755               | -30                                    | 120              | 5755.084397                    | 5725 – 5850          | PASS            |

Ant2

| Frequency<br>(MHz) | Environment<br>Temperature<br>(Degree) | Voltage<br>(VAC) | Measured<br>Frequency<br>(MHz) | Limit Range<br>(MHz) | Test<br>Results |
|--------------------|----------------------------------------|------------------|--------------------------------|----------------------|-----------------|
| 5755               | 20                                     | 132              | 5755.014028                    | 5725 – 5850          | PASS            |
| 5755               | 20                                     | 108              | 5755.015417                    | 5725 – 5850          | PASS            |
| 5755               | 50                                     | 120              | 5755.008464                    | 5725 – 5850          | PASS            |
| 5755               | 40                                     | 120              | 5755.065361                    | 5725 – 5850          | PASS            |
| 5755               | 30                                     | 120              | 5754.946955                    | 5725 – 5850          | PASS            |
| 5755               | 20                                     | 120              | 5755.040249                    | 5725 – 5850          | PASS            |
| 5755               | 10                                     | 120              | 5754.952173                    | 5725 – 5850          | PASS            |
| 5755               | 0                                      | 120              | 5754.908350                    | 5725 – 5850          | PASS            |
| 5755               | -10                                    | 120              | 5754.970679                    | 5725 – 5850          | PASS            |
| 5755               | -20                                    | 120              | 5754.976887                    | 5725 – 5850          | PASS            |
| 5755               | -30                                    | 120              | 5755.079372                    | 5725 – 5850          | PASS            |

Ant1

| Frequency<br>(MHz) | Environment<br>Temperature<br>(Degree) | Voltage<br>(VAC) | Measured<br>Frequency<br>(MHz) | Limit Range<br>(MHz) | Test<br>Results |
|--------------------|----------------------------------------|------------------|--------------------------------|----------------------|-----------------|
| 5795               | 20                                     | 132              | 5794.976560                    | 5725 – 5850          | PASS            |
| 5795               | 20                                     | 108              | 5794.980464                    | 5725 – 5850          | PASS            |
| 5795               | 50                                     | 120              | 5795.053547                    | 5725 – 5850          | PASS            |
| 5795               | 40                                     | 120              | 5795.071755                    | 5725 – 5850          | PASS            |
| 5795               | 30                                     | 120              | 5794.989789                    | 5725 – 5850          | PASS            |
| 5795               | 20                                     | 120              | 5794.909062                    | 5725 – 5850          | PASS            |
| 5795               | 10                                     | 120              | 5795.070606                    | 5725 – 5850          | PASS            |
| 5795               | 0                                      | 120              | 5794.943231                    | 5725 – 5850          | PASS            |
| 5795               | -10                                    | 120              | 5794.943866                    | 5725 – 5850          | PASS            |
| 5795               | -20                                    | 120              | 5795.024793                    | 5725 – 5850          | PASS            |
| 5795               | -30                                    | 120              | 5795.006434                    | 5725 – 5850          | PASS            |

Ant2

| Frequency<br>(MHz) | Environment<br>Temperature<br>(Degree) | Voltage<br>(VAC) | Measured<br>Frequency<br>(MHz) | Limit Range<br>(MHz) | Test<br>Results |
|--------------------|----------------------------------------|------------------|--------------------------------|----------------------|-----------------|
| 5795               | 20                                     | 132              | 5794.904908                    | 5725 – 5850          | PASS            |
| 5795               | 20                                     | 108              | 5794.998064                    | 5725 – 5850          | PASS            |
| 5795               | 50                                     | 120              | 5795.073749                    | 5725 – 5850          | PASS            |
| 5795               | 40                                     | 120              | 5794.964862                    | 5725 – 5850          | PASS            |
| 5795               | 30                                     | 120              | 5795.096738                    | 5725 – 5850          | PASS            |
| 5795               | 20                                     | 120              | 5794.966031                    | 5725 – 5850          | PASS            |
| 5795               | 10                                     | 120              | 5794.973044                    | 5725 – 5850          | PASS            |
| 5795               | 0                                      | 120              | 5795.007922                    | 5725 – 5850          | PASS            |
| 5795               | -10                                    | 120              | 5795.091900                    | 5725 – 5850          | PASS            |
| 5795               | -20                                    | 120              | 5795.050427                    | 5725 – 5850          | PASS            |
| 5795               | -30                                    | 120              | 5795.051496                    | 5725 – 5850          | PASS            |

Ant1

| Frequency<br>(MHz) | Environment<br>Temperature<br>(Degree) | Voltage<br>(VAC) | Measured<br>Frequency<br>(MHz) | Limit Range<br>(MHz) | Test<br>Results |
|--------------------|----------------------------------------|------------------|--------------------------------|----------------------|-----------------|
| 5775               | 20                                     | 132              | 5775.069852                    | 5725 – 5850          | PASS            |
| 5775               | 20                                     | 108              | 5774.910218                    | 5725 – 5850          | PASS            |
| 5775               | 50                                     | 120              | 5775.038829                    | 5725 – 5850          | PASS            |
| 5775               | 40                                     | 120              | 5774.992270                    | 5725 – 5850          | PASS            |
| 5775               | 30                                     | 120              | 5774.948452                    | 5725 – 5850          | PASS            |
| 5775               | 20                                     | 120              | 5774.953492                    | 5725 – 5850          | PASS            |
| 5775               | 10                                     | 120              | 5774.903603                    | 5725 – 5850          | PASS            |
| 5775               | 0                                      | 120              | 5774.973904                    | 5725 – 5850          | PASS            |
| 5775               | -10                                    | 120              | 5775.010758                    | 5725 – 5850          | PASS            |
| 5775               | -20                                    | 120              | 5774.908281                    | 5725 – 5850          | PASS            |
| 5775               | -30                                    | 120              | 5775.090681                    | 5725 – 5850          | PASS            |

Ant2

| Frequency<br>(MHz) | Environment<br>Temperature<br>(Degree) | Voltage<br>(VAC) | Measured<br>Frequency<br>(MHz) | Limit Range<br>(MHz) | Test<br>Results |
|--------------------|----------------------------------------|------------------|--------------------------------|----------------------|-----------------|
| 5775               | 20                                     | 132              | 5774.943664                    | 5725 – 5850          | PASS            |
| 5775               | 20                                     | 108              | 5775.070948                    | 5725 – 5850          | PASS            |
| 5775               | 50                                     | 120              | 5774.948059                    | 5725 – 5850          | PASS            |
| 5775               | 40                                     | 120              | 5774.960877                    | 5725 – 5850          | PASS            |
| 5775               | 30                                     | 120              | 5774.996562                    | 5725 – 5850          | PASS            |
| 5775               | 20                                     | 120              | 5774.907191                    | 5725 – 5850          | PASS            |
| 5775               | 10                                     | 120              | 5774.979900                    | 5725 – 5850          | PASS            |
| 5775               | 0                                      | 120              | 5775.013251                    | 5725 – 5850          | PASS            |
| 5775               | -10                                    | 120              | 5775.066229                    | 5725 – 5850          | PASS            |
| 5775               | -20                                    | 120              | 5774.993625                    | 5725 – 5850          | PASS            |
| 5775               | -30                                    | 120              | 5775.062617                    | 5725 – 5850          | PASS            |



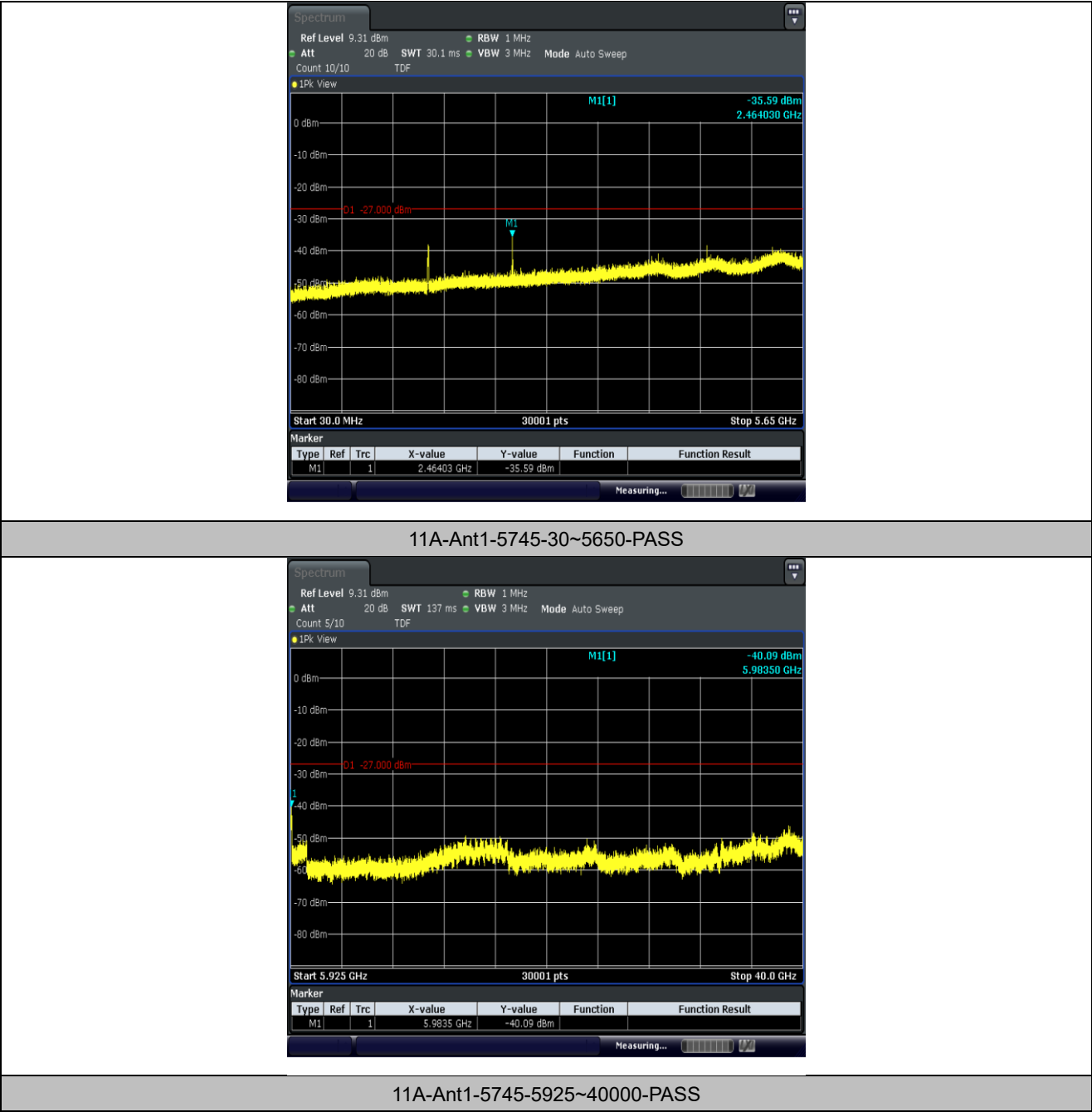
## Appendix F: Conducted Spurious Emission

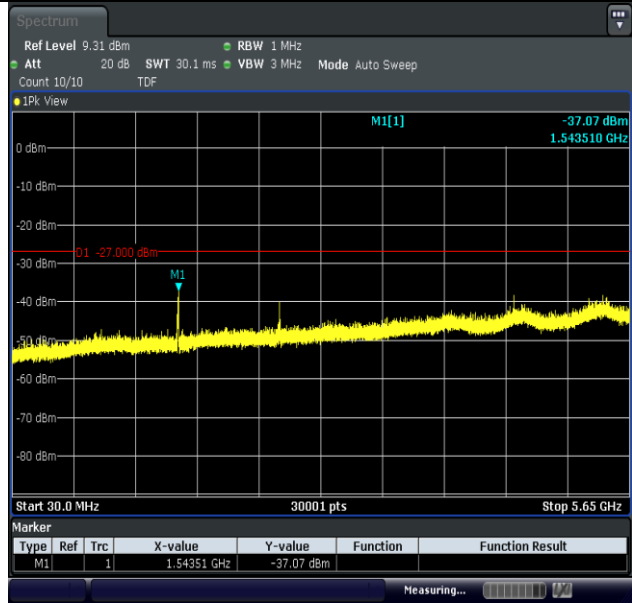
### Test Result

| TestMode   | Antenna | Frequency[MHz] | FreqRange [MHz] | Max. Fre [MHz] | Max. Level [dBm] | Limit [dBm] | Verdict |
|------------|---------|----------------|-----------------|----------------|------------------|-------------|---------|
| 11A        | Ant1    | 5745           | 30~5650         | 2464.03        | -35.59           | ≤-27        | PASS    |
| 11A        | Ant1    | 5745           | 5925~40000      | 5983.5         | -40.09           | ≤-27        | PASS    |
| 11A        | Ant1    | 5785           | 30~5650         | 1543.51        | -37.07           | ≤-27        | PASS    |
| 11A        | Ant1    | 5785           | 5925~40000      | 5946           | -41.6            | ≤-27        | PASS    |
| 11A        | Ant1    | 5825           | 30~5650         | 5412.94        | -39.45           | ≤-27        | PASS    |
| 11A        | Ant1    | 5825           | 5925~40000      | 5994.9         | -41.14           | ≤-27        | PASS    |
| 11N20SISO  | Ant1    | 5745           | 30~5650         | 5399.45        | -39.39           | ≤-27        | PASS    |
| 11N20SISO  | Ant1    | 5745           | 5925~40000      | 5984.6         | -41.11           | ≤-27        | PASS    |
| 11N20SISO  | Ant1    | 5785           | 30~5650         | 5477.19        | -39.32           | ≤-27        | PASS    |
| 11N20SISO  | Ant1    | 5785           | 5925~40000      | 5946           | -42.15           | ≤-27        | PASS    |
| 11N20SISO  | Ant1    | 5825           | 30~5650         | 5435.42        | -39.82           | ≤-27        | PASS    |
| 11N20SISO  | Ant1    | 5825           | 5925~40000      | 5967.6         | -42.13           | ≤-27        | PASS    |
| 11N40SISO  | Ant1    | 5755           | 30~5650         | 5449.09        | -39.77           | ≤-27        | PASS    |
| 11N40SISO  | Ant1    | 5755           | 5925~40000      | 5992.6         | -42.1            | ≤-27        | PASS    |
| 11N40SISO  | Ant1    | 5795           | 30~5650         | 5392.71        | -39.56           | ≤-27        | PASS    |
| 11N40SISO  | Ant1    | 5795           | 5925~40000      | 5994.9         | -41.77           | ≤-27        | PASS    |
| 11AC20SISO | Ant1    | 5745           | 30~5650         | 5459.96        | -39.23           | ≤-27        | PASS    |
| 11AC20SISO | Ant1    | 5745           | 5925~40000      | 5982.4         | -41.82           | ≤-27        | PASS    |
| 11AC20SISO | Ant1    | 5785           | 30~5650         | 5505.1         | -39.26           | ≤-27        | PASS    |
| 11AC20SISO | Ant1    | 5785           | 5925~40000      | 5986.9         | -39.89           | ≤-27        | PASS    |
| 11AC20SISO | Ant1    | 5825           | 30~5650         | 5402.07        | -38.64           | ≤-27        | PASS    |
| 11AC20SISO | Ant1    | 5825           | 5925~40000      | 5988           | -41.06           | ≤-27        | PASS    |
| 11AC40SISO | Ant1    | 5755           | 30~5650         | 5469.89        | -38.94           | ≤-27        | PASS    |
| 11AC40SISO | Ant1    | 5755           | 5925~40000      | 5936.9         | -42.2            | ≤-27        | PASS    |
| 11AC40SISO | Ant1    | 5795           | 30~5650         | 5417.62        | -39.09           | ≤-27        | PASS    |
| 11AC40SISO | Ant1    | 5795           | 5925~40000      | 5930.1         | -40.84           | ≤-27        | PASS    |
| 11AX20SISO | Ant1    | 5180           | 30~5140         | 4729.43        | -41.23           | ≤-27        | PASS    |
| 11AX20SISO | Ant1    | 5745           | 30~5650         | 5455.09        | -38.79           | ≤-27        | PASS    |
| 11AX20SISO | Ant1    | 5745           | 5925~40000      | 5954           | -41.5            | ≤-27        | PASS    |
| 11AX20SISO | Ant1    | 5785           | 30~5650         | 5417.06        | -39.23           | ≤-27        | PASS    |
| 11AX20SISO | Ant1    | 5785           | 5925~40000      | 5994.9         | -41.02           | ≤-27        | PASS    |
| 11AX20SISO | Ant1    | 5825           | 30~5650         | 5353.55        | -39.36           | ≤-27        | PASS    |
| 11AX20SISO | Ant1    | 5825           | 5925~40000      | 5930.1         | -41.95           | ≤-27        | PASS    |
| 11AX40SISO | Ant1    | 5755           | 30~5650         | 5436.73        | -38.84           | ≤-27        | PASS    |
| 11AX40SISO | Ant1    | 5755           | 5925~40000      | 5933.5         | -42.06           | ≤-27        | PASS    |
| 11AX40SISO | Ant1    | 5795           | 30~5650         | 5392.14        | -39.48           | ≤-27        | PASS    |
| 11AX40SISO | Ant1    | 5795           | 5925~40000      | 5991.4         | -41.03           | ≤-27        | PASS    |

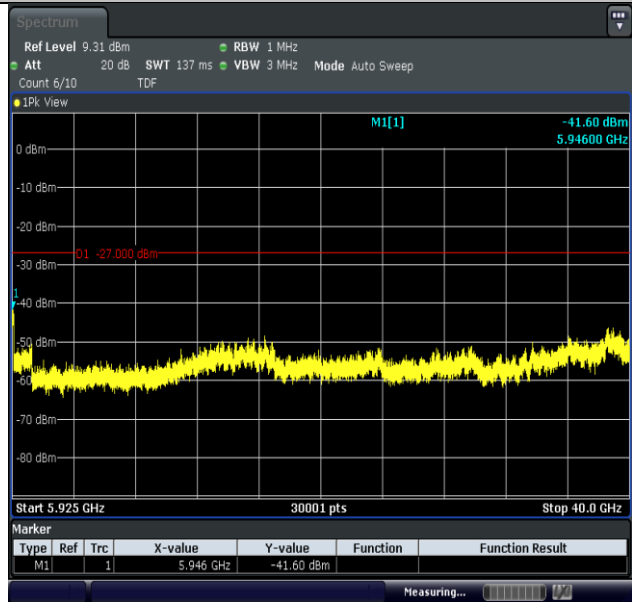
Note: offset(dB) in Reference test plots = cable loss(dB) + attenuator factor(dB); For spurious emissions plots from 30MHz to 40 GHz, the cable loss and attenuator factors have been set in the 'Input Correction' of the Spectrum Analyzer during the test.

Test Graphs

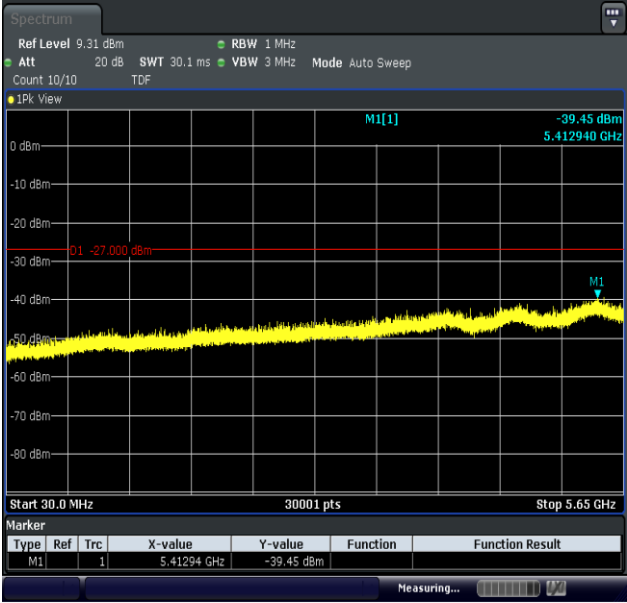




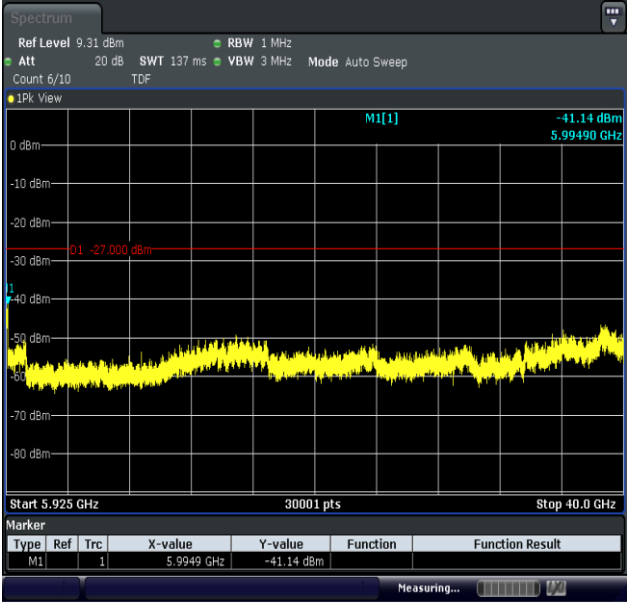
11A-Ant1-5785-30~5650-PASS



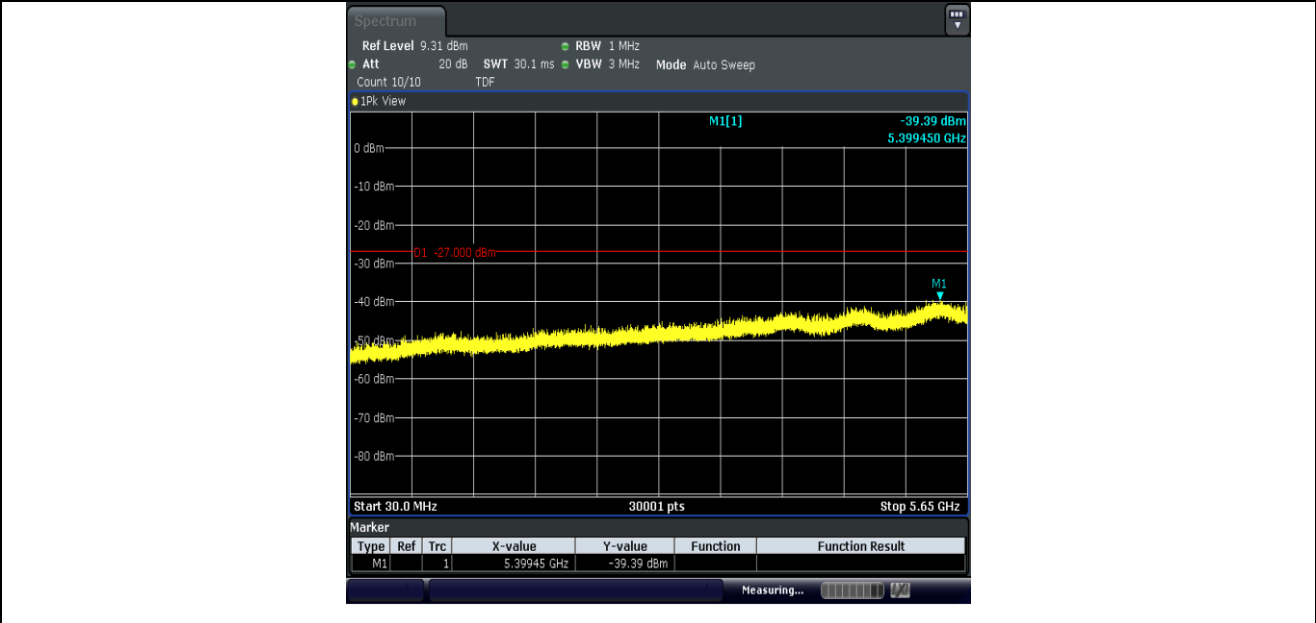
11A-Ant1-5785-5925~40000-PASS



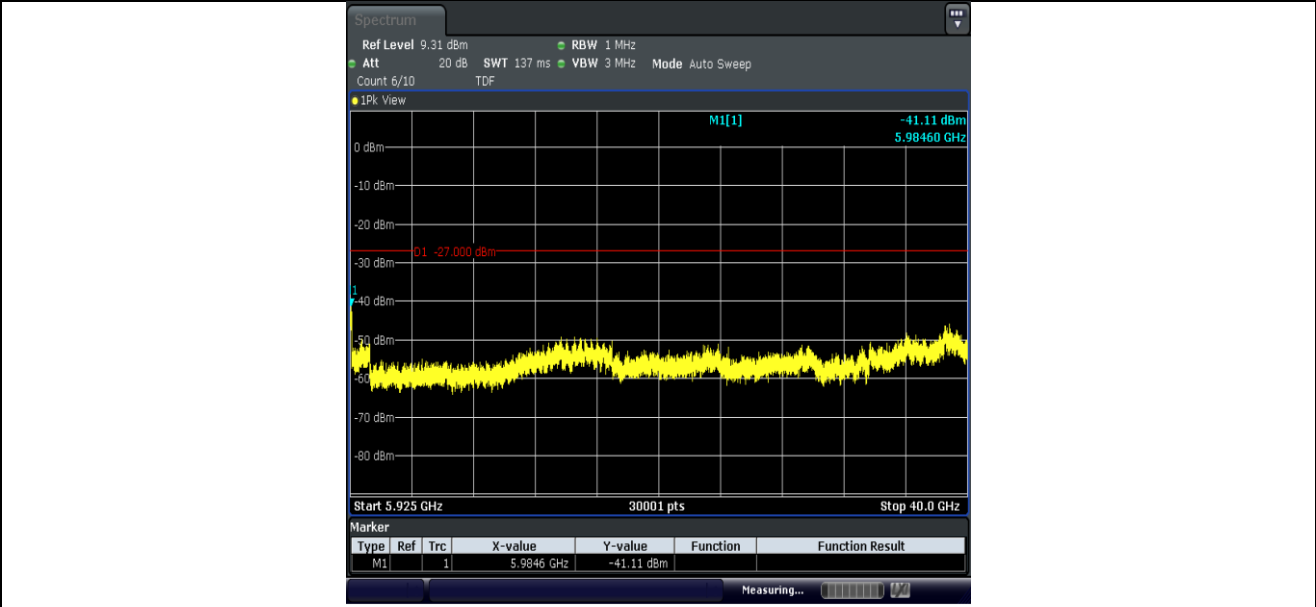
11A-Ant1-5825-30~5650-PASS



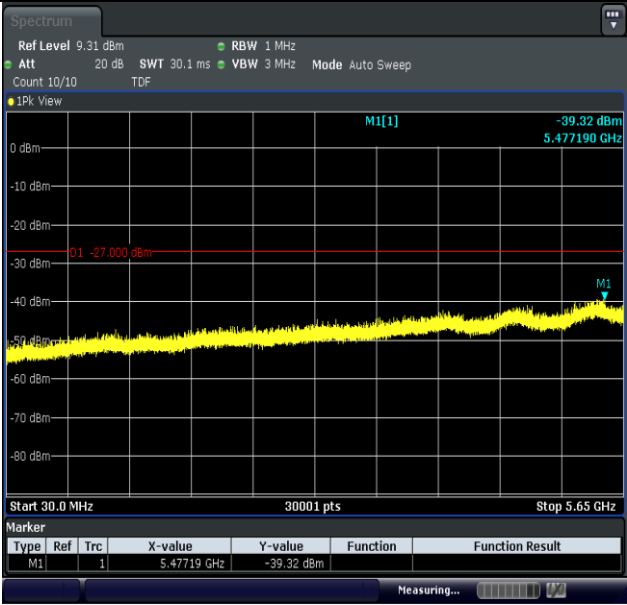
11A-Ant1-5825-5925~40000-PASS



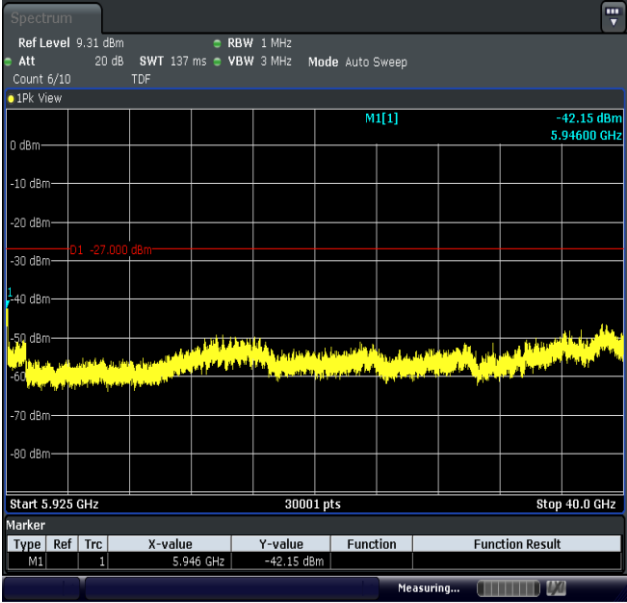
11N20SISO-Ant1-5745-30~5650-PASS



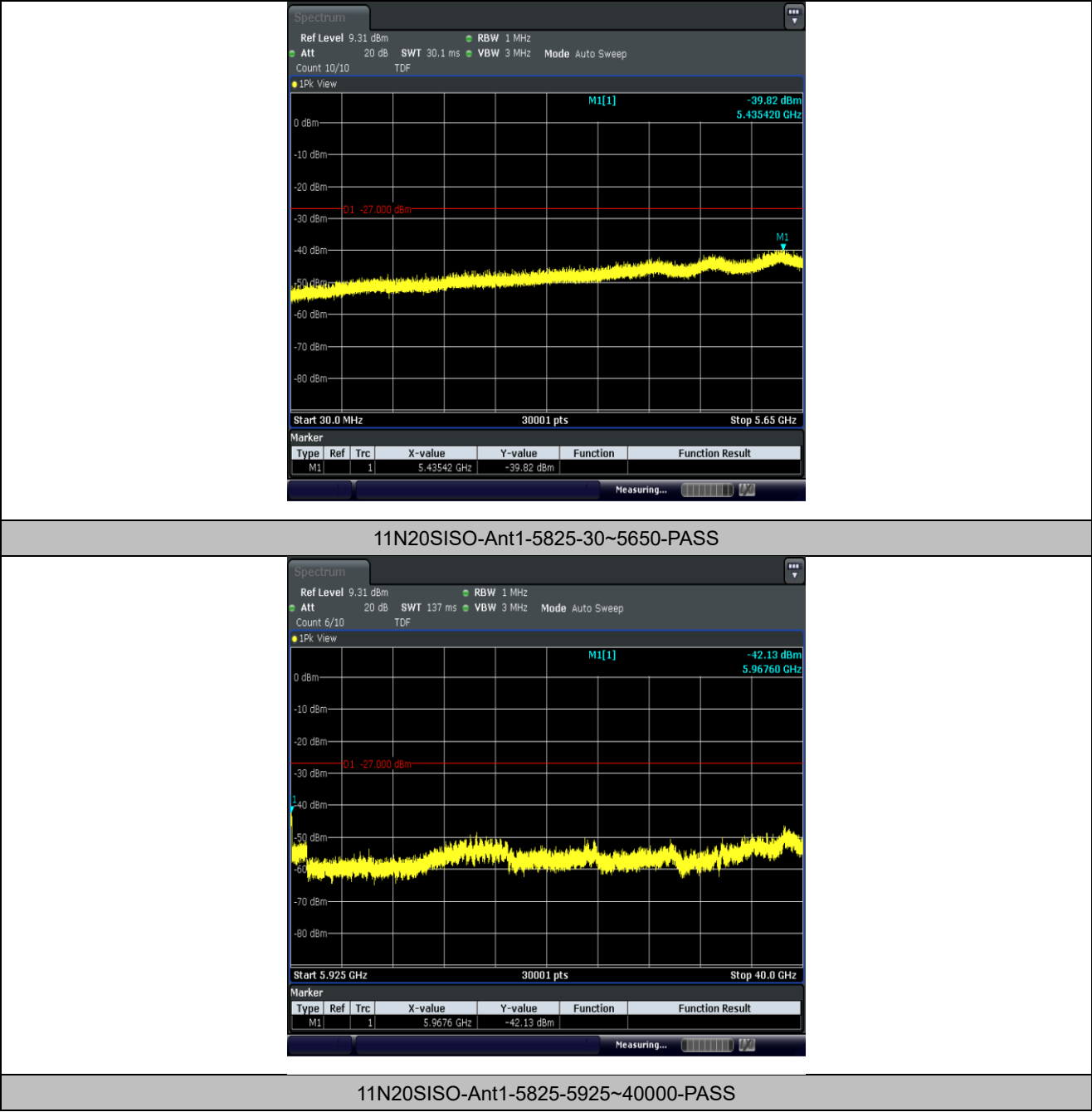
11N20SISO-Ant1-5745-5925~40000-PASS



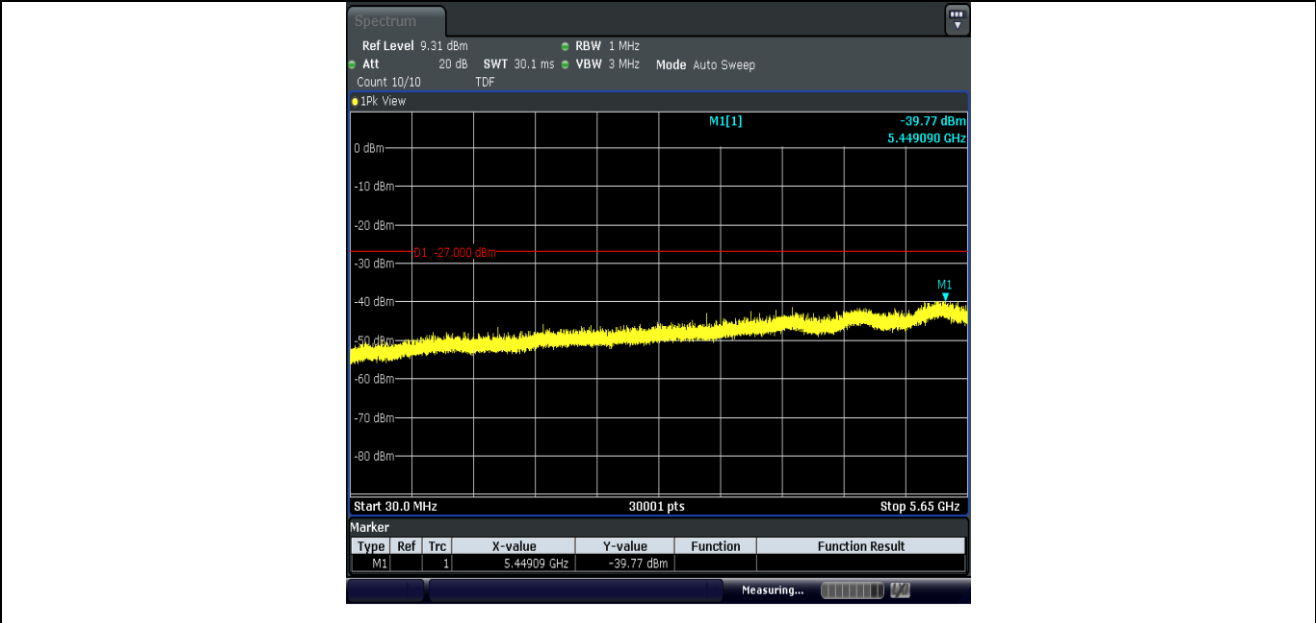
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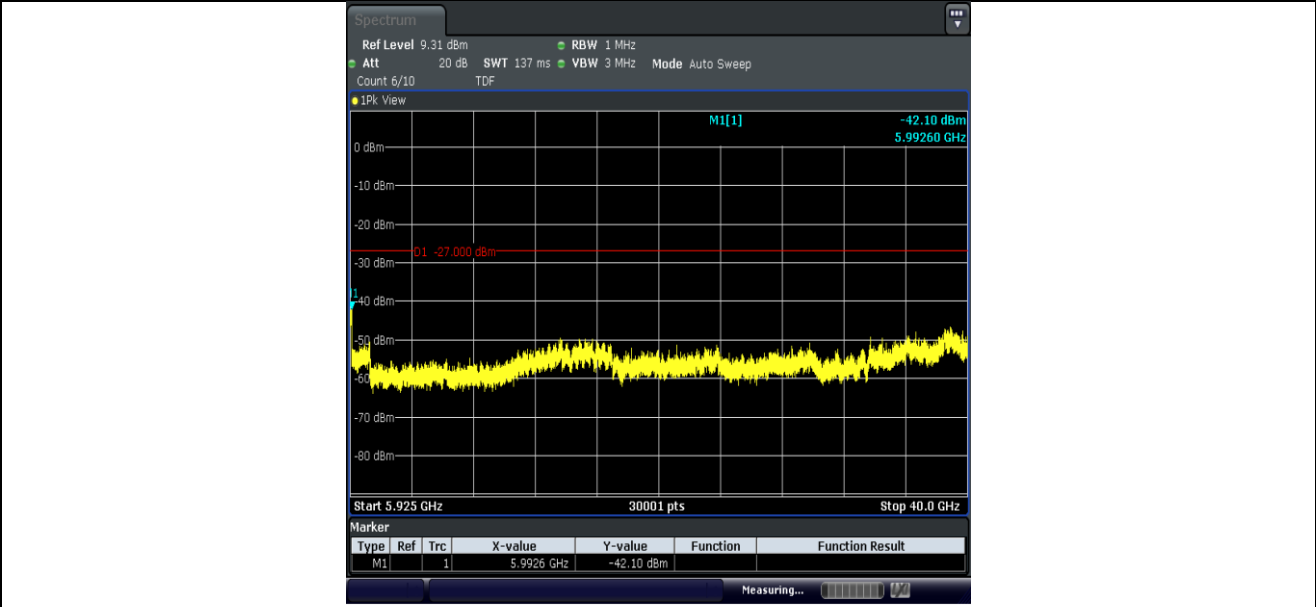
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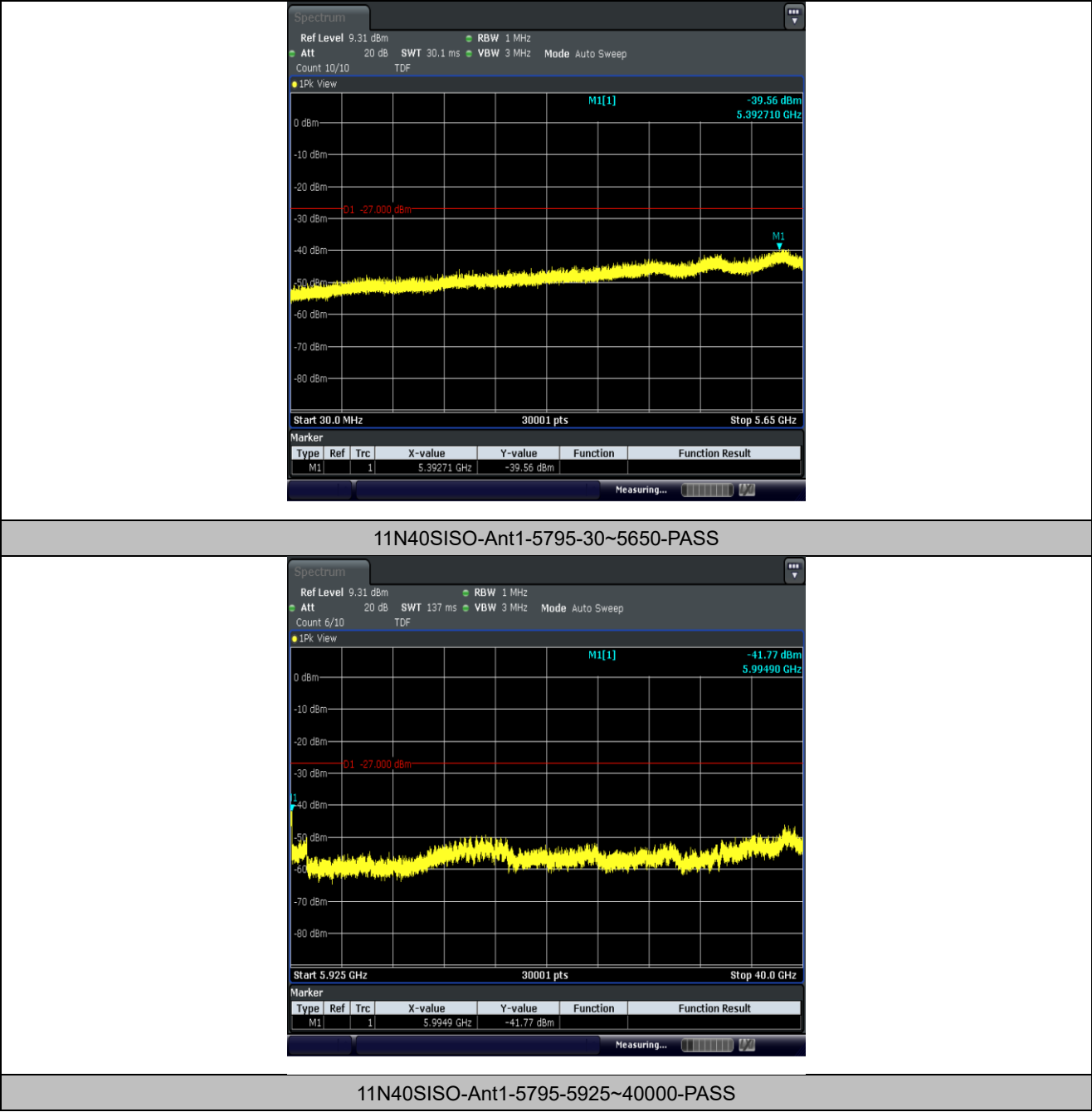


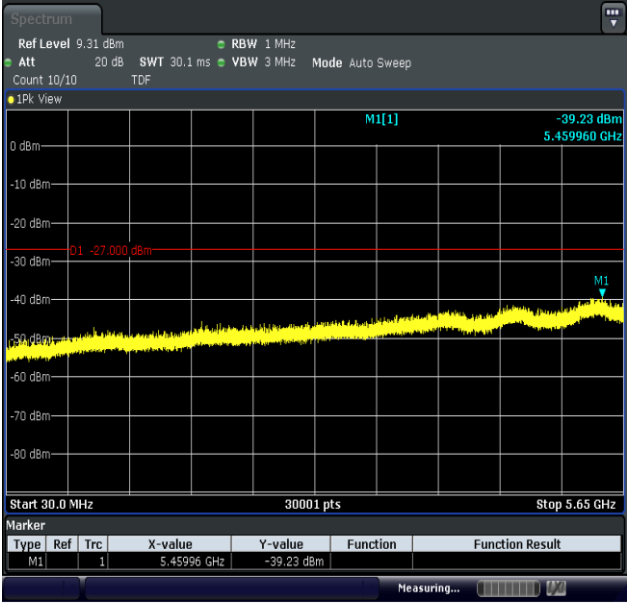


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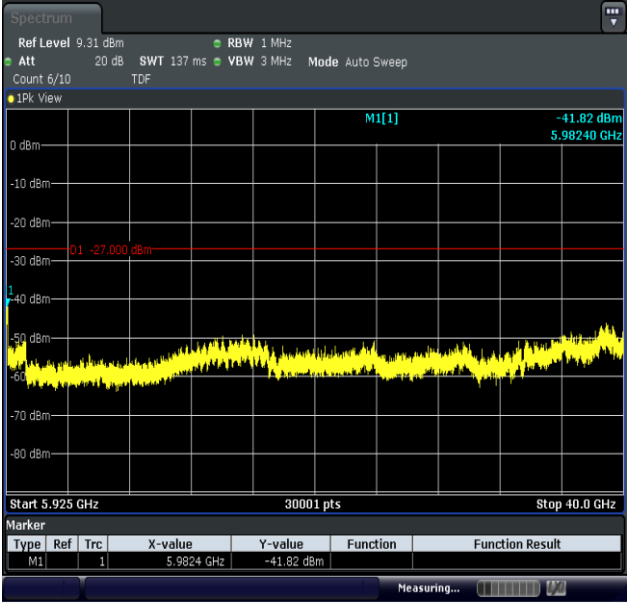


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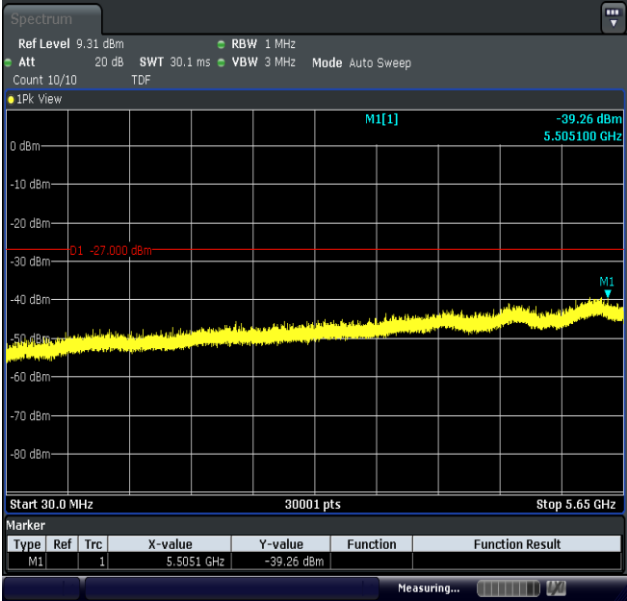




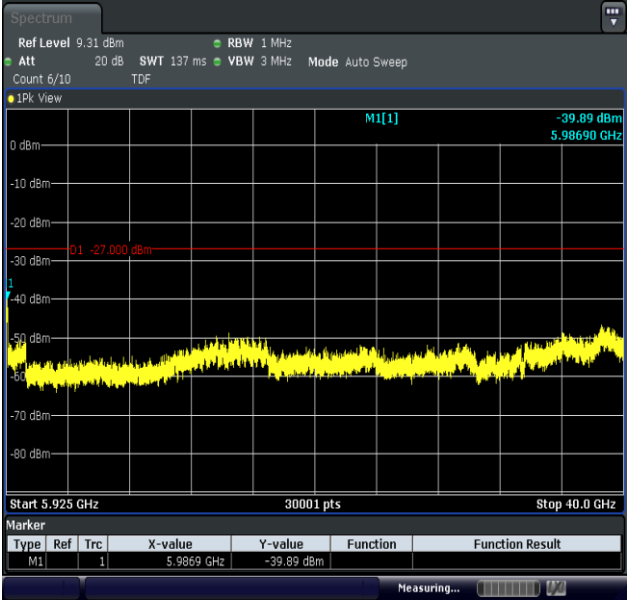
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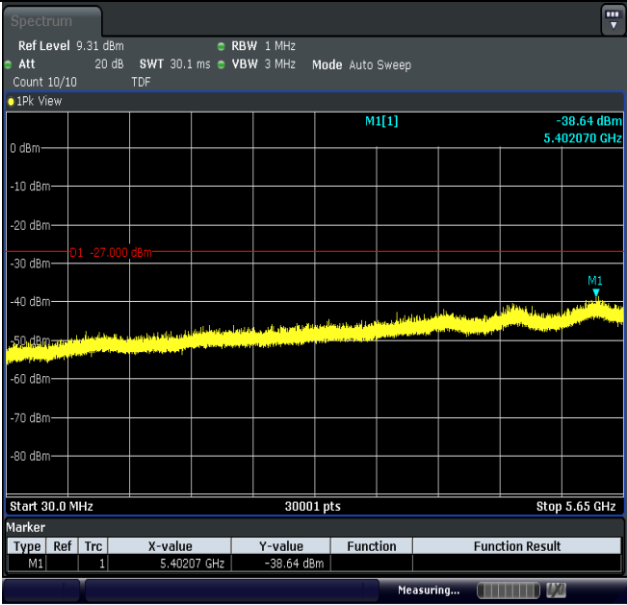
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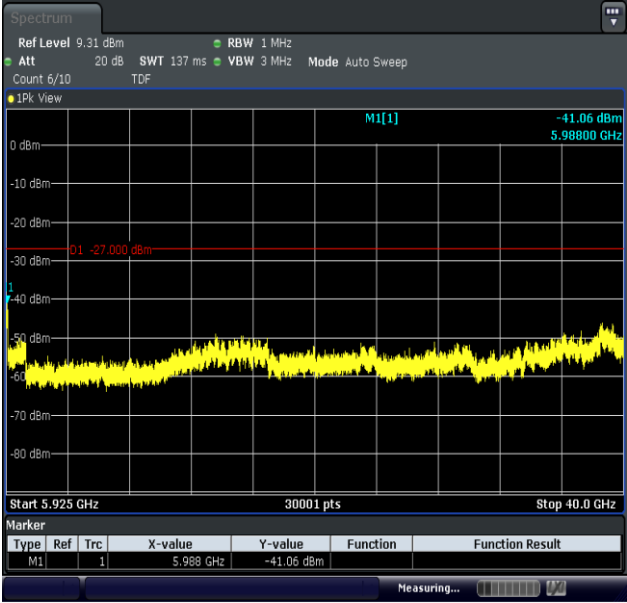
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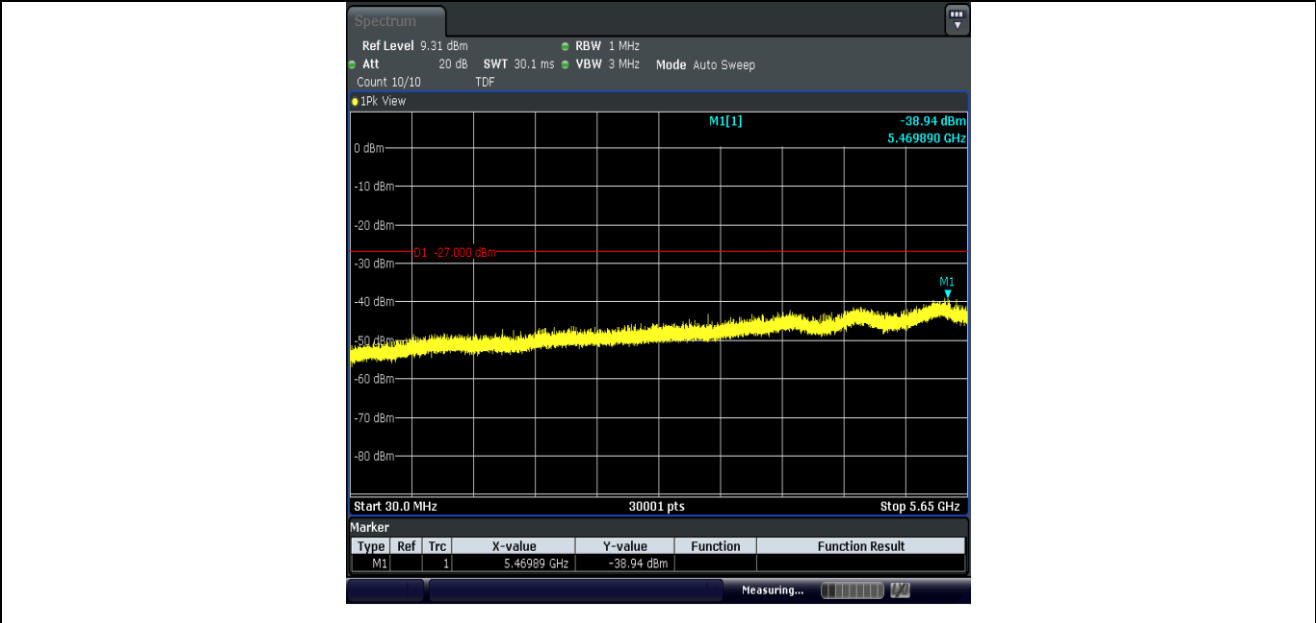
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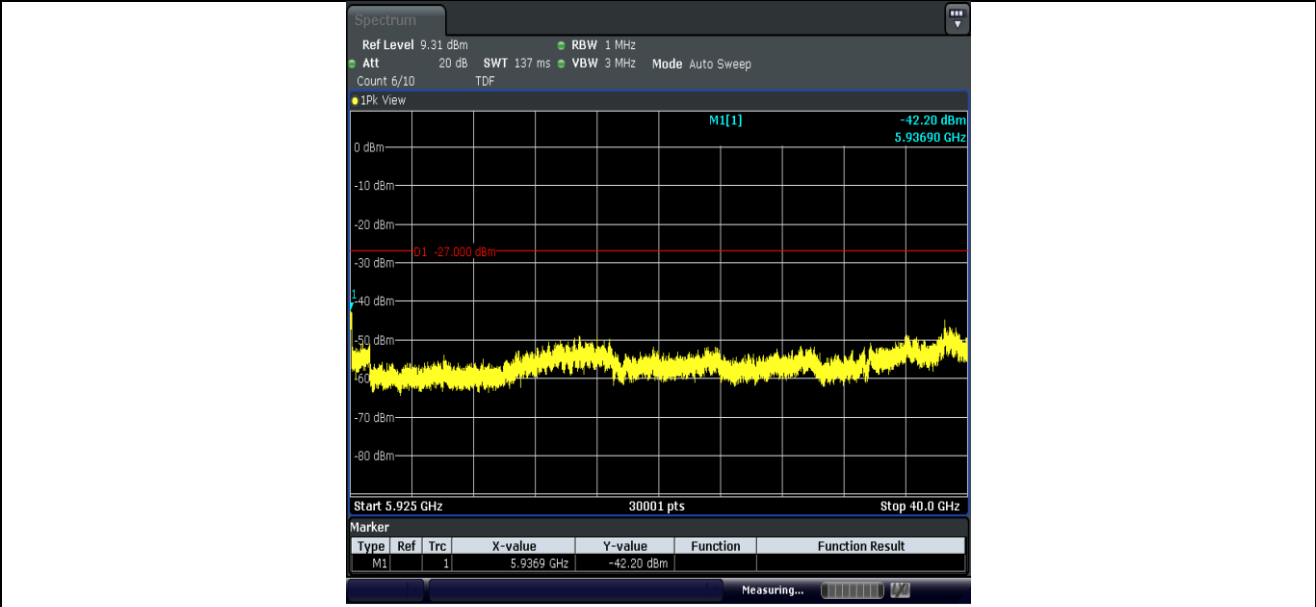
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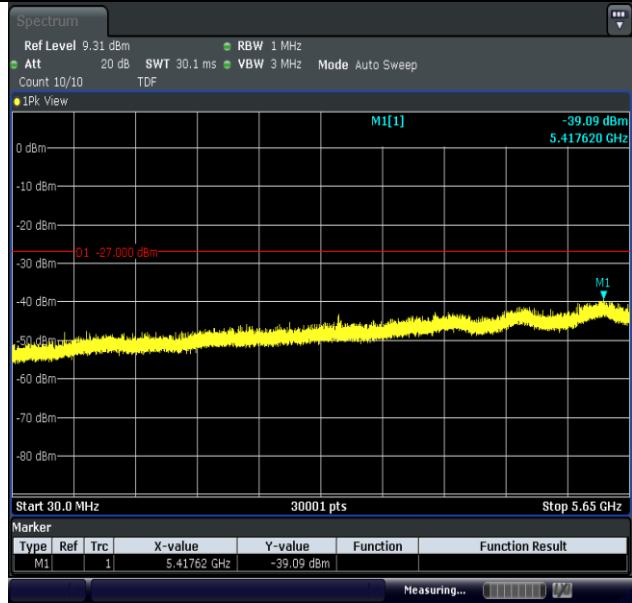
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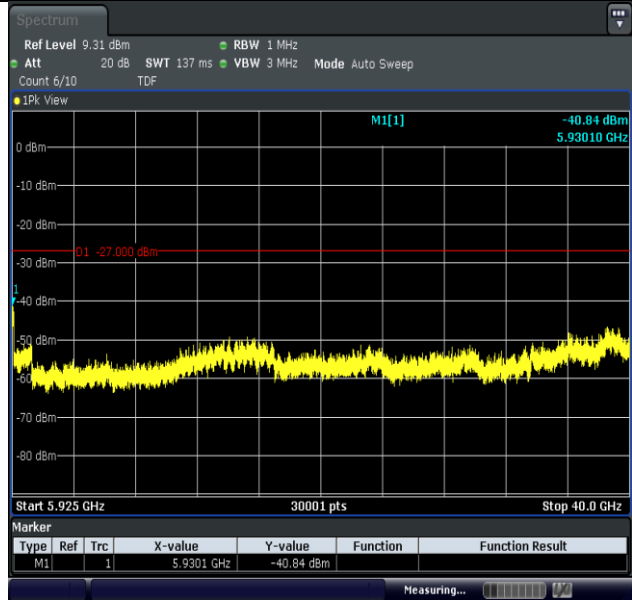
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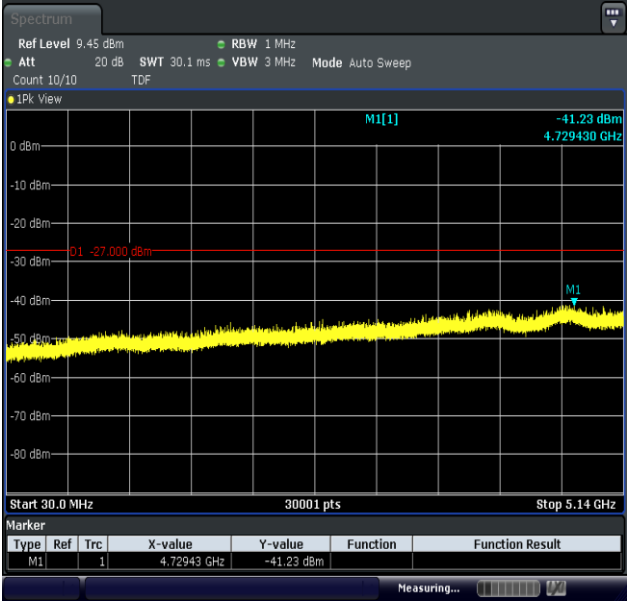
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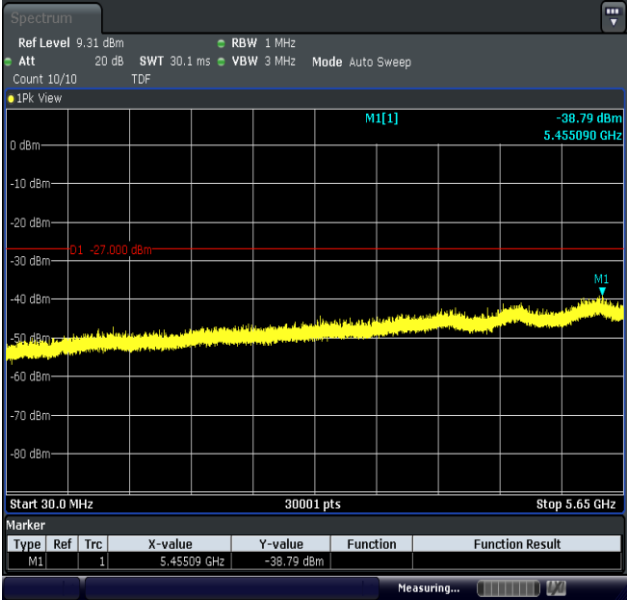
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11AC40SISO-Ant1-5795-5925~40000-PASS

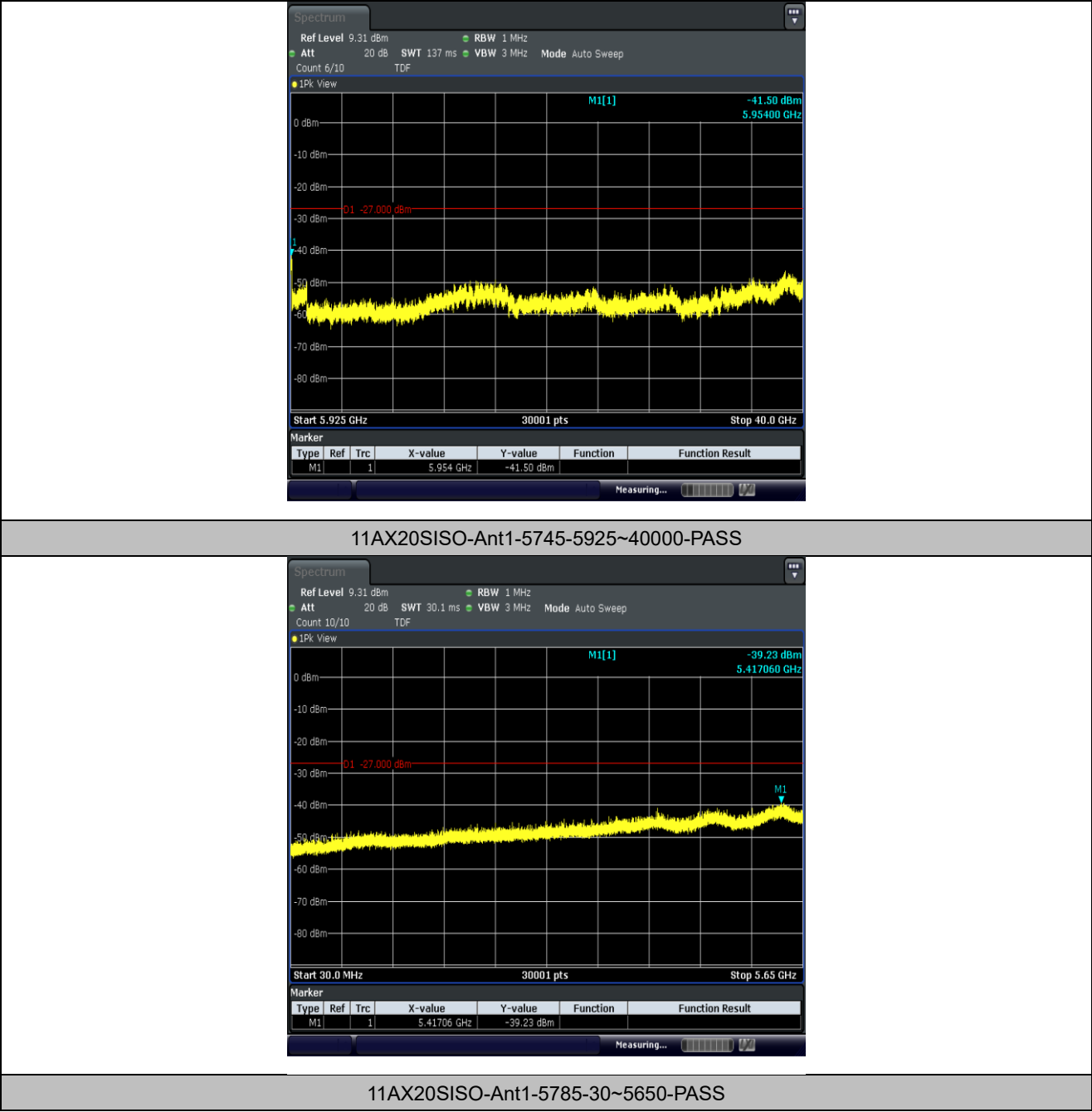


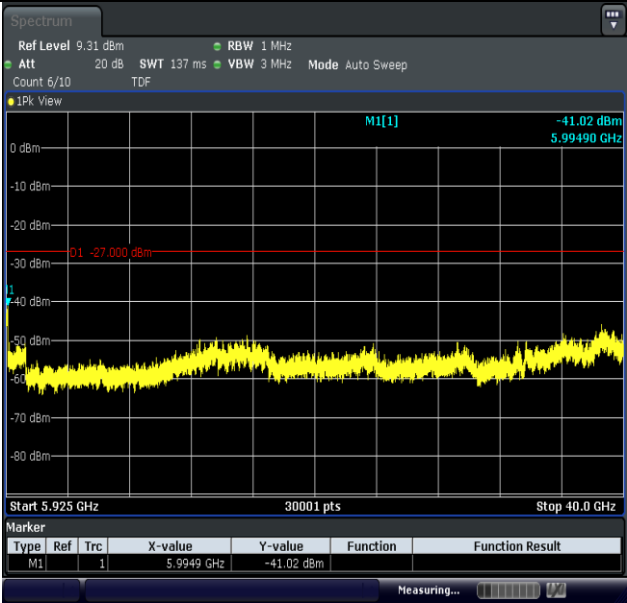
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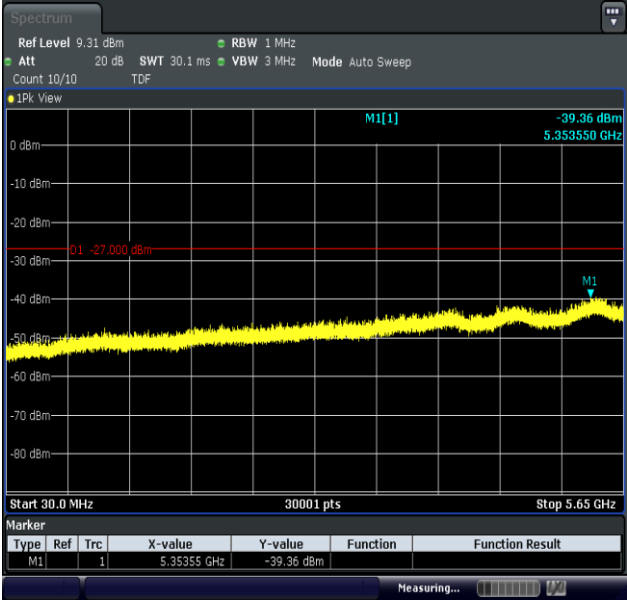
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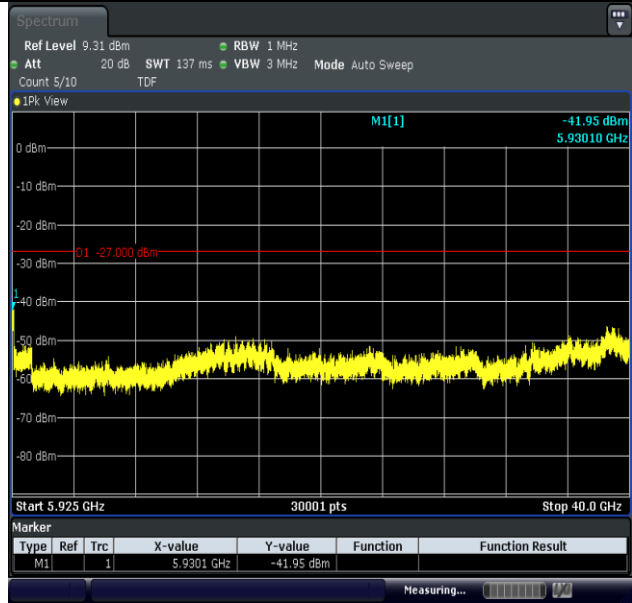




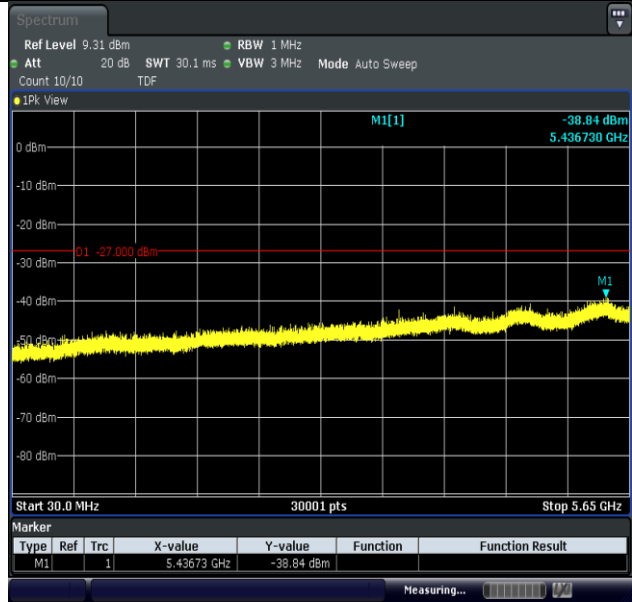
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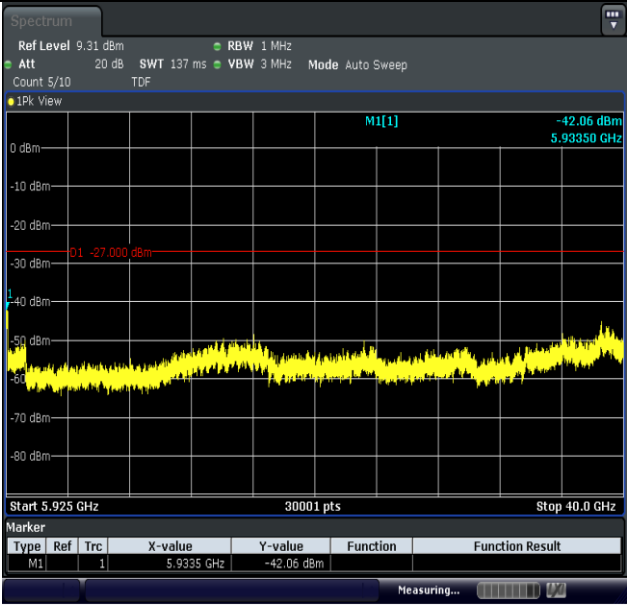
11AX20SISO-Ant1-5825-30~5650-PASS



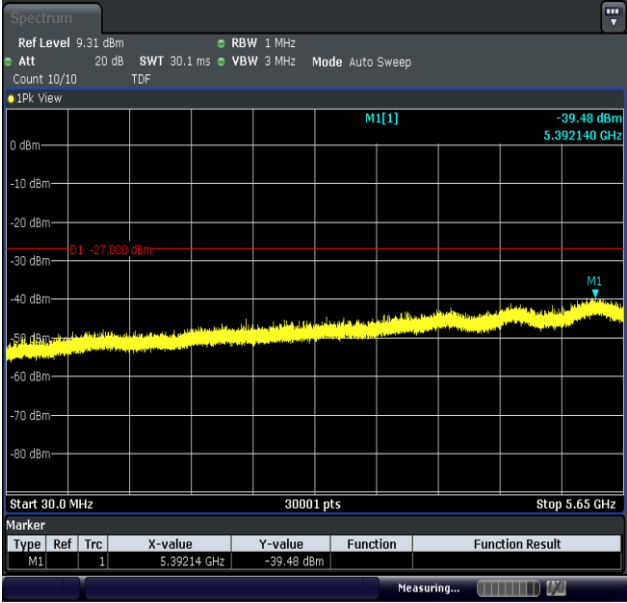
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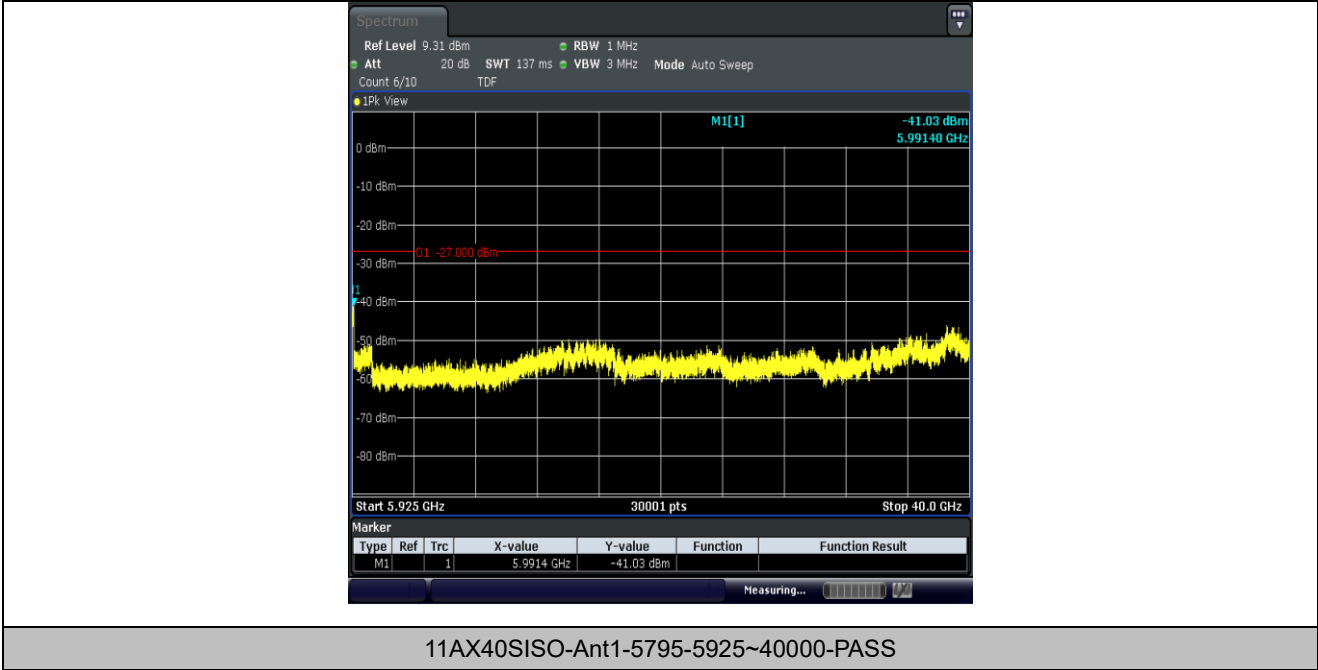
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11AX40SISO-Ant1-5755-5925~40000-PASS



11AX40SISO-Ant1-5795-30~5650-PASS



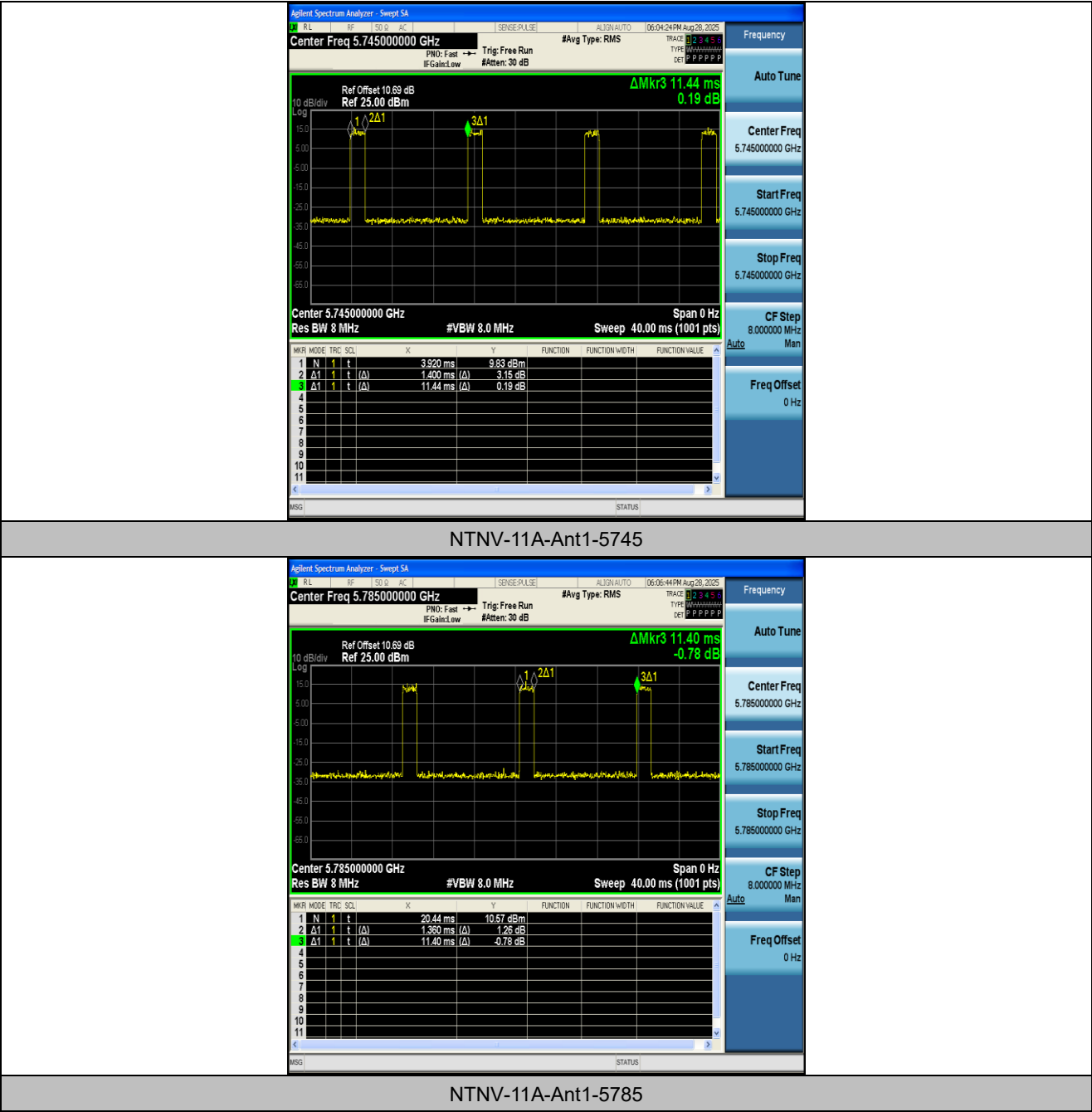
## Appendix G: Duty Cycle

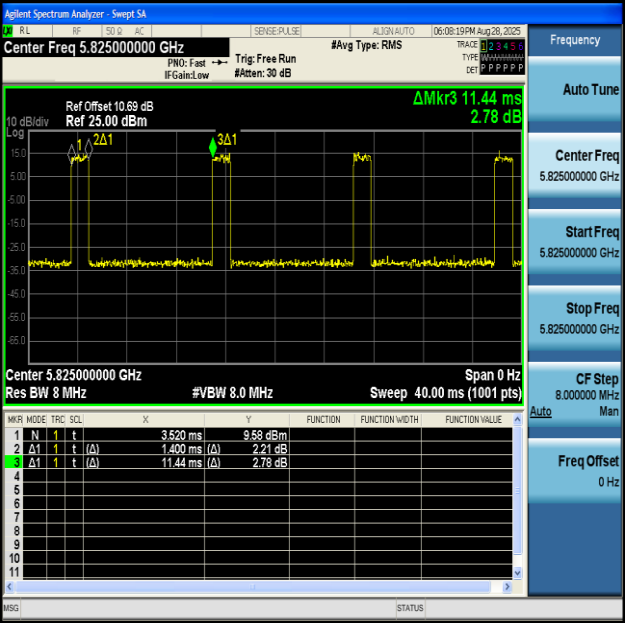
### Test Result

| Test Mode  | Antenna | Frequency<br>[MHz] | Transmission<br>Duration<br>[ms] | Transmission<br>Period<br>[ms] | Duty Cycle<br>[%] | Dc. Factor<br>[%] | 1/T  |
|------------|---------|--------------------|----------------------------------|--------------------------------|-------------------|-------------------|------|
| 11A        | Ant1    | 5745               | 1.40                             | 11.44                          | 12.24             | 9.12              | 0.71 |
| 11A        | Ant1    | 5785               | 1.36                             | 11.40                          | 11.93             | 9.23              | 0.74 |
| 11A        | Ant1    | 5825               | 1.40                             | 11.44                          | 12.24             | 9.12              | 0.71 |
| 11N20SISO  | Ant1    | 5745               | 5.08                             | 15.12                          | 33.60             | 4.74              | 0.20 |
| 11N20SISO  | Ant1    | 5785               | 5.08                             | 15.12                          | 33.60             | 4.74              | 0.20 |
| 11N20SISO  | Ant1    | 5825               | 5.08                             | 15.12                          | 33.60             | 4.74              | 0.20 |
| 11N40SISO  | Ant1    | 5755               | 4.88                             | 14.92                          | 32.71             | 4.85              | 0.20 |
| 11N40SISO  | Ant1    | 5795               | 4.92                             | 14.92                          | 32.98             | 4.82              | 0.20 |
| 11AC20SISO | Ant1    | 5745               | 5.08                             | 15.12                          | 33.60             | 4.74              | 0.20 |
| 11AC20SISO | Ant1    | 5785               | 5.12                             | 15.12                          | 33.86             | 4.70              | 0.20 |
| 11AC20SISO | Ant1    | 5825               | 5.08                             | 15.12                          | 33.60             | 4.74              | 0.20 |
| 11AC40SISO | Ant1    | 5755               | 4.92                             | 14.96                          | 32.89             | 4.83              | 0.20 |
| 11AC40SISO | Ant1    | 5795               | 4.92                             | 14.96                          | 32.89             | 4.83              | 0.20 |
| 11AX20SISO | Ant1    | 5745               | 4.56                             | 14.88                          | 30.65             | 5.14              | 0.22 |
| 11AX20SISO | Ant1    | 5785               | 4.56                             | 14.60                          | 31.23             | 5.05              | 0.22 |
| 11AX20SISO | Ant1    | 5825               | 4.56                             | 14.56                          | 31.32             | 5.04              | 0.22 |
| 11AX40SISO | Ant1    | 5755               | 4.56                             | 14.60                          | 31.23             | 5.05              | 0.22 |
| 11AX40SISO | Ant1    | 5795               | 4.56                             | 14.60                          | 31.23             | 5.05              | 0.22 |

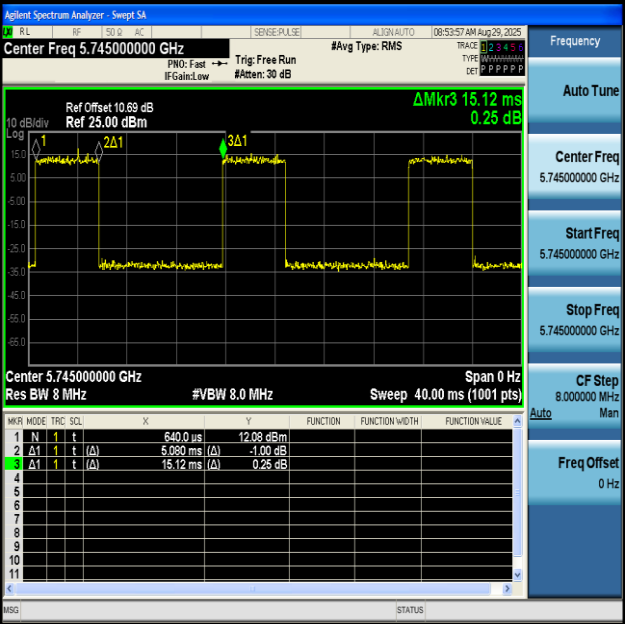
Note: offset(dB) = cable loss(dB) + attenuator factor(dB)

Test Graphs



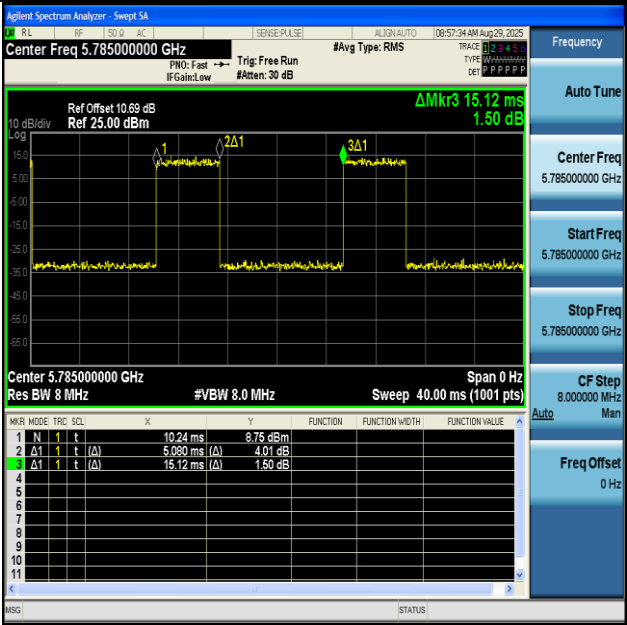


NTNV-11A-Ant1-5825

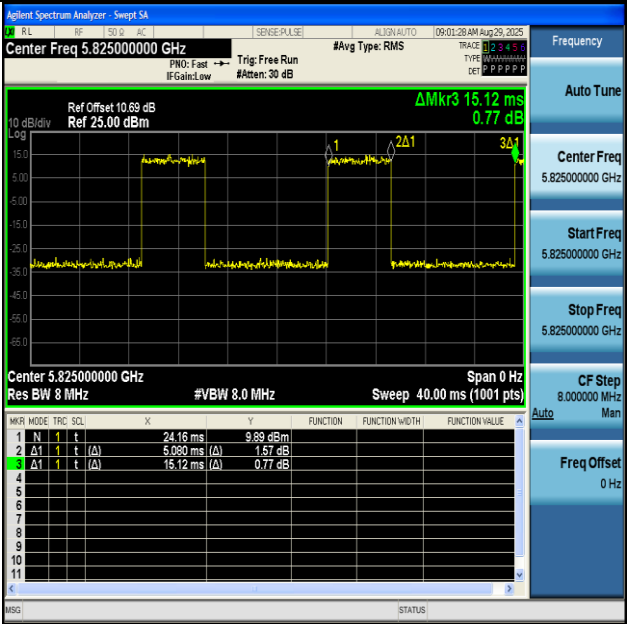


NTNV-11N20SISO-Ant1-5745

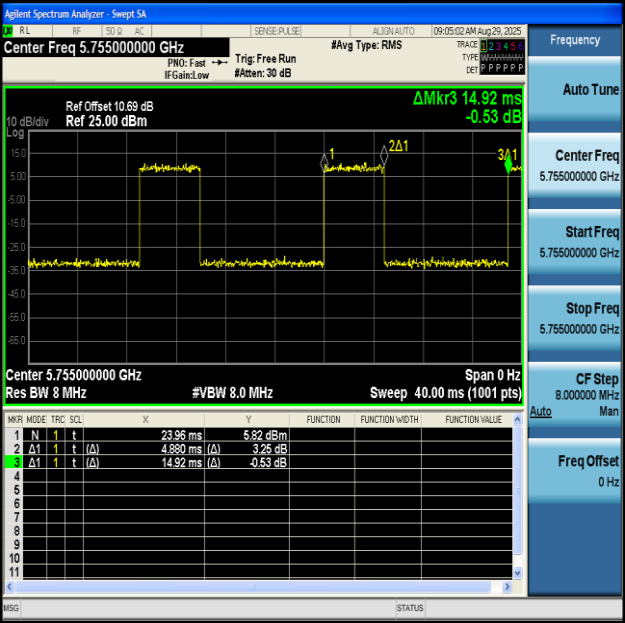




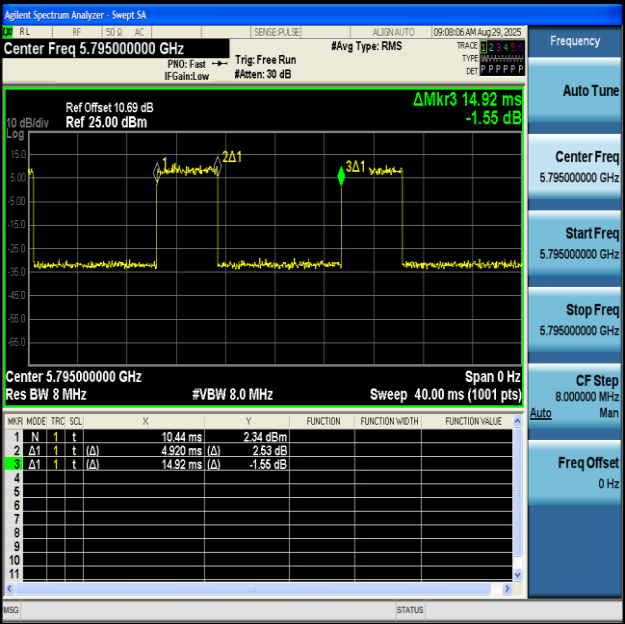
NTNV-11N20SISO-Ant1-5785



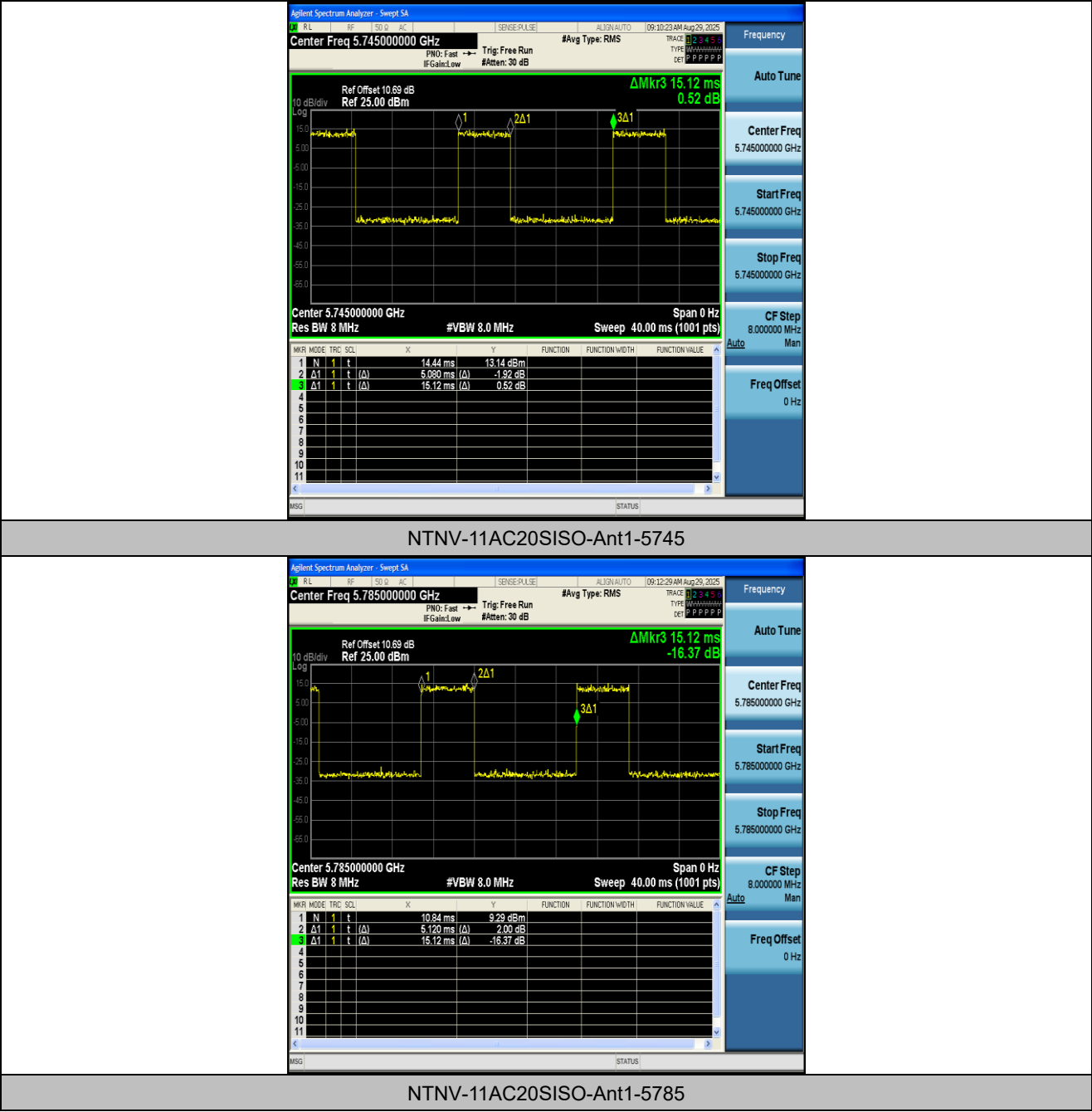
NTNV-11N20SISO-Ant1-5825

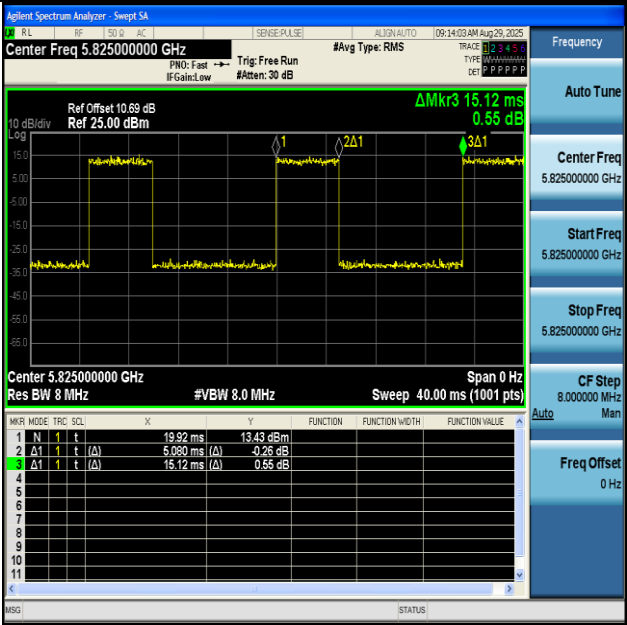


NTNV-11N40SISO-Ant1-5755

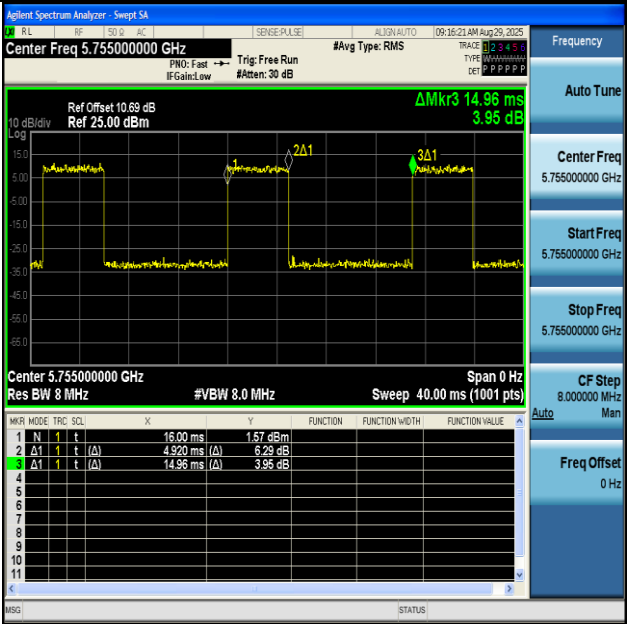


NTNV-11N40SISO-Ant1-5795

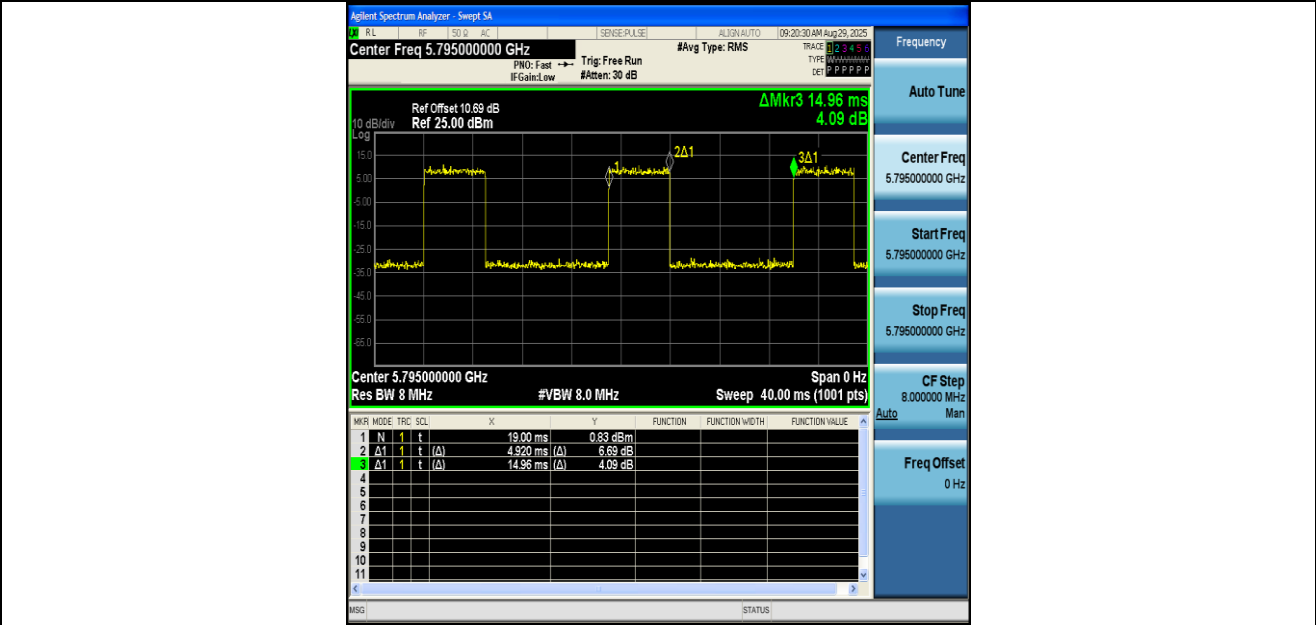




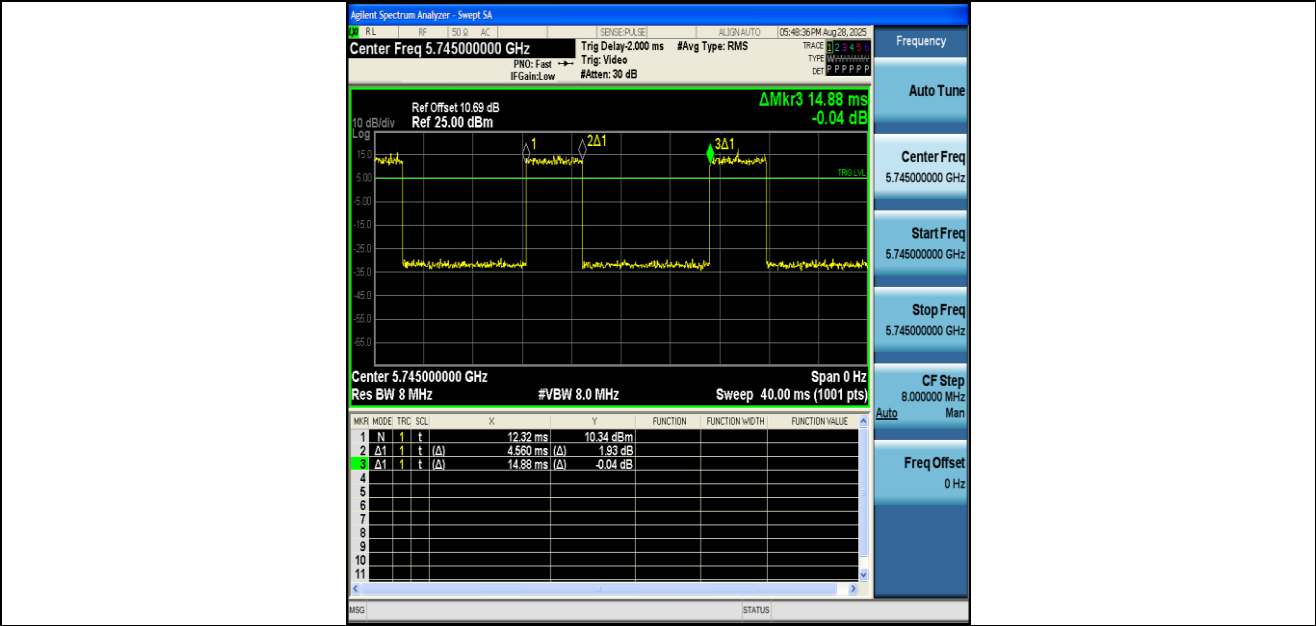
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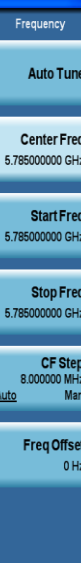
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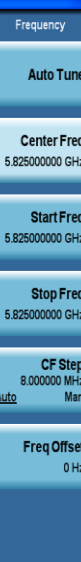
NTNV-11AC40SISO-Ant1-5795



NTNV-11AX20SISO-Ant1-5745



NTNV-11AX20SISO-Ant1-5785



NTNV-11AX20SISO-Ant1-5825

