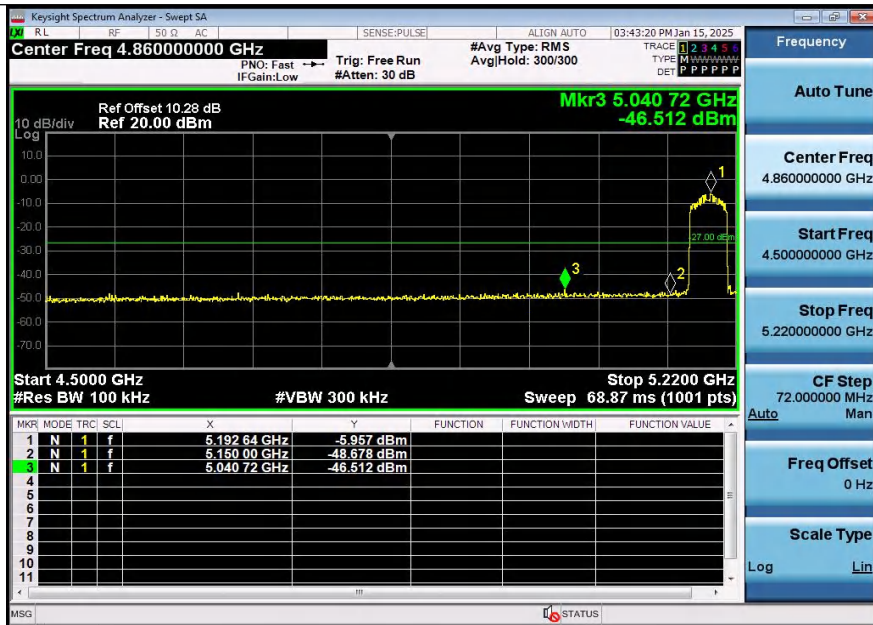
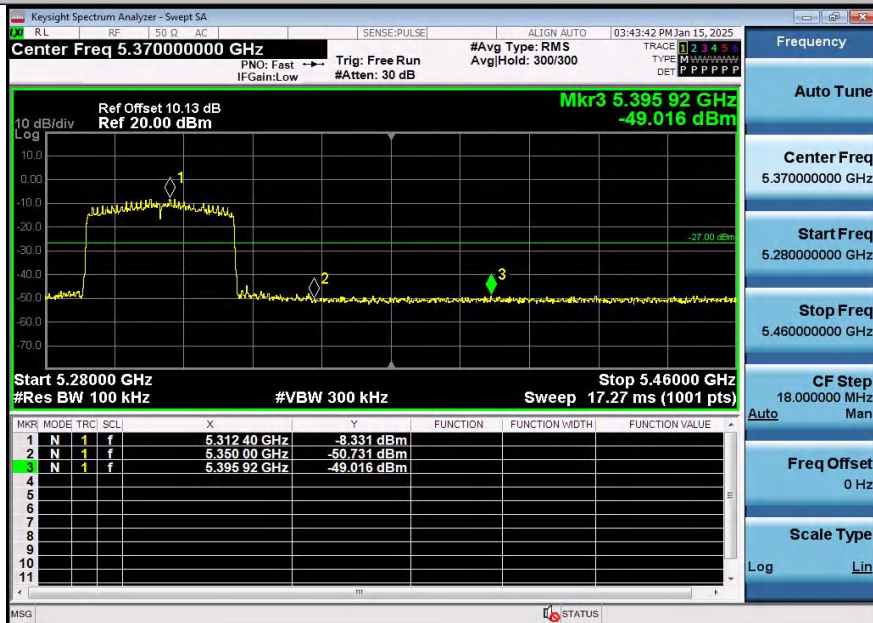
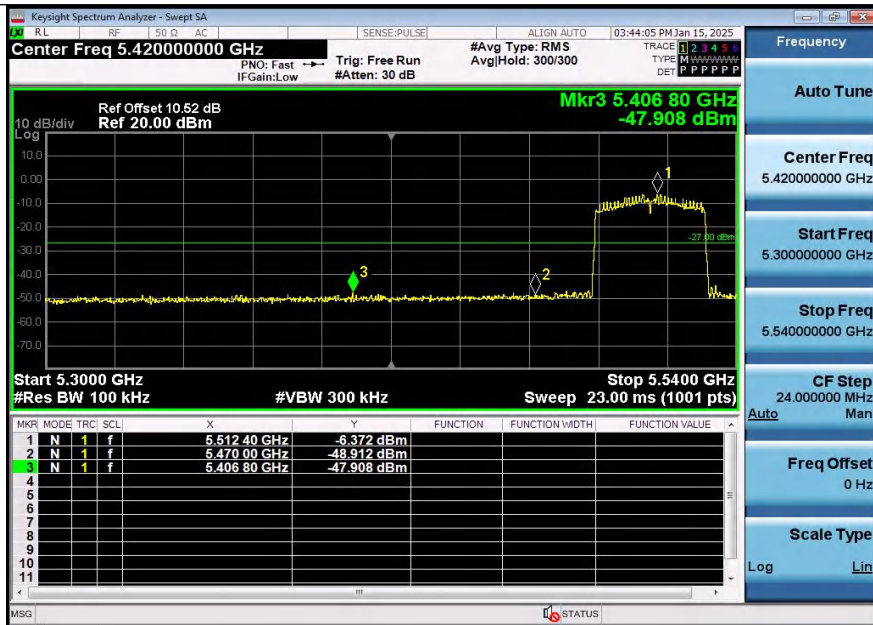




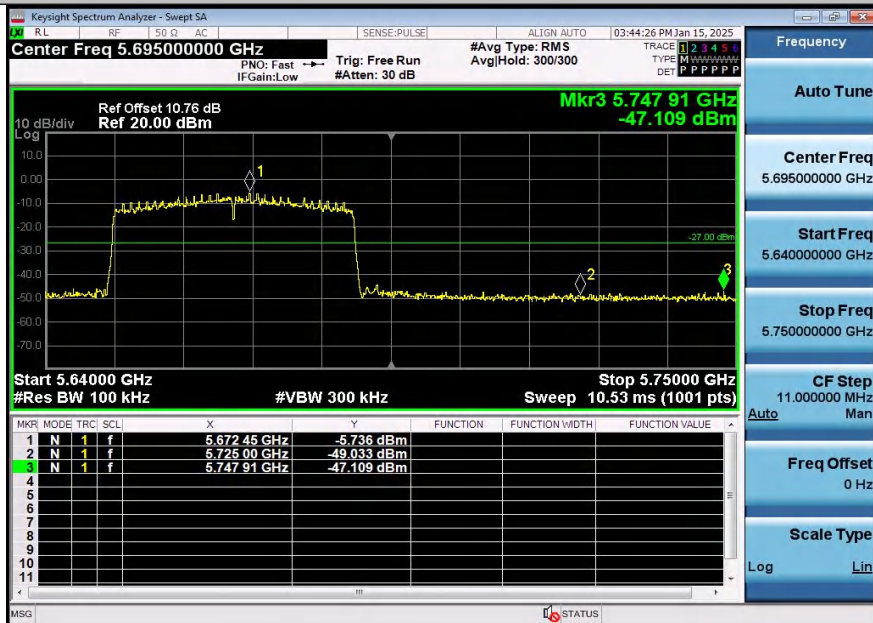
11AX40SISO-Ant2-5190-PASS



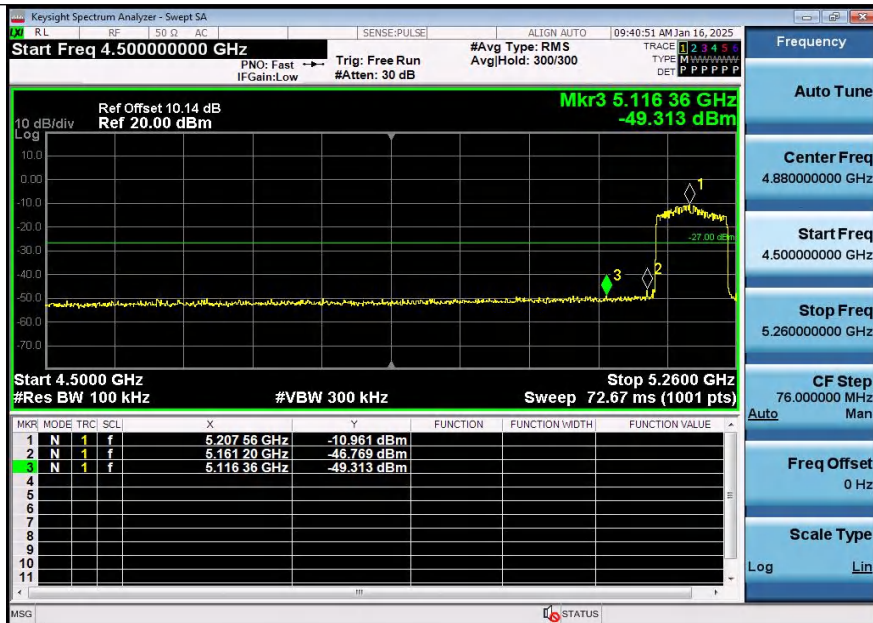
11AX40SISO-Ant2-5310-PASS



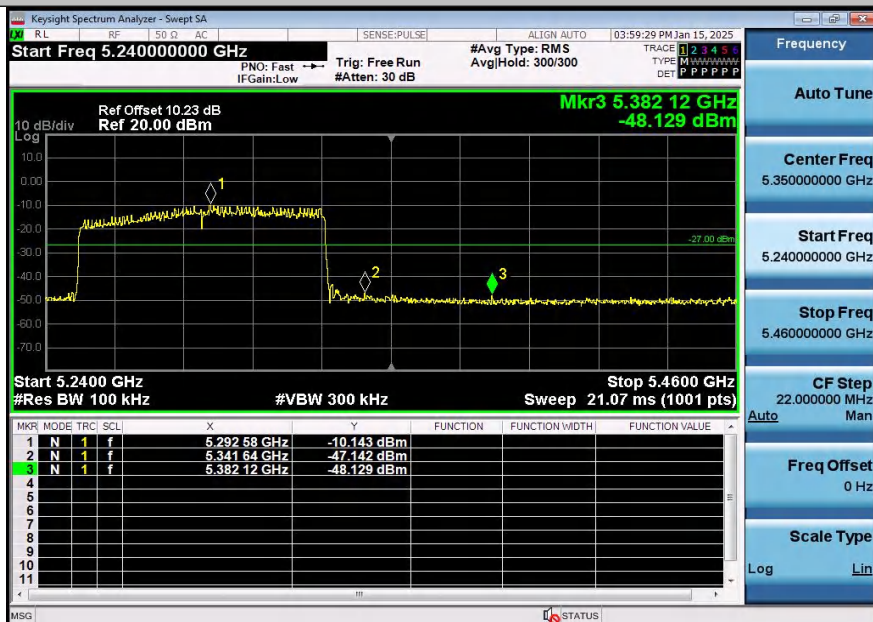
11AX40SISO-Ant2-5510-PASS



11AX40SISO-Ant2-5670-PASS



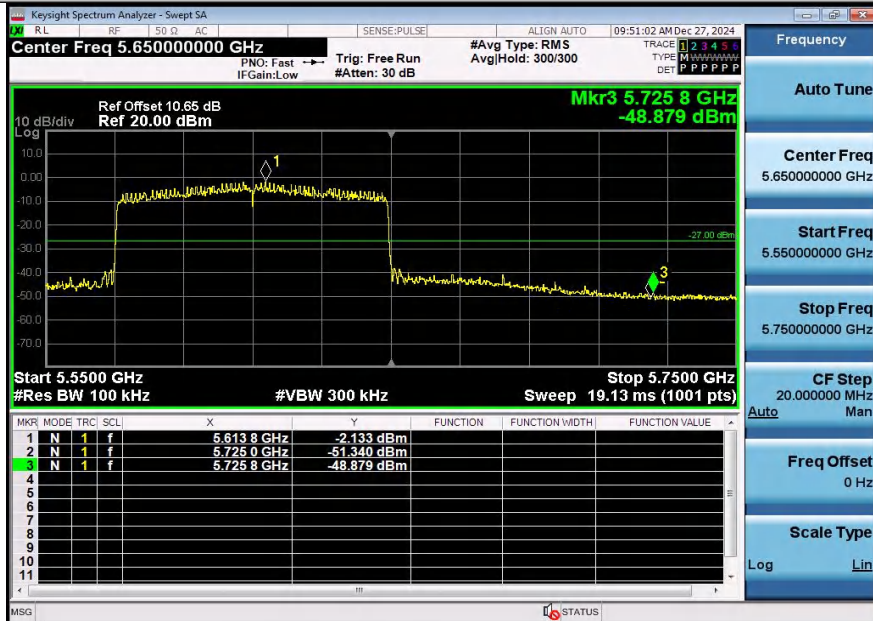
11AX80SISO-Ant2-5210-PASS



11AX80SISO-Ant2-5290-PASS

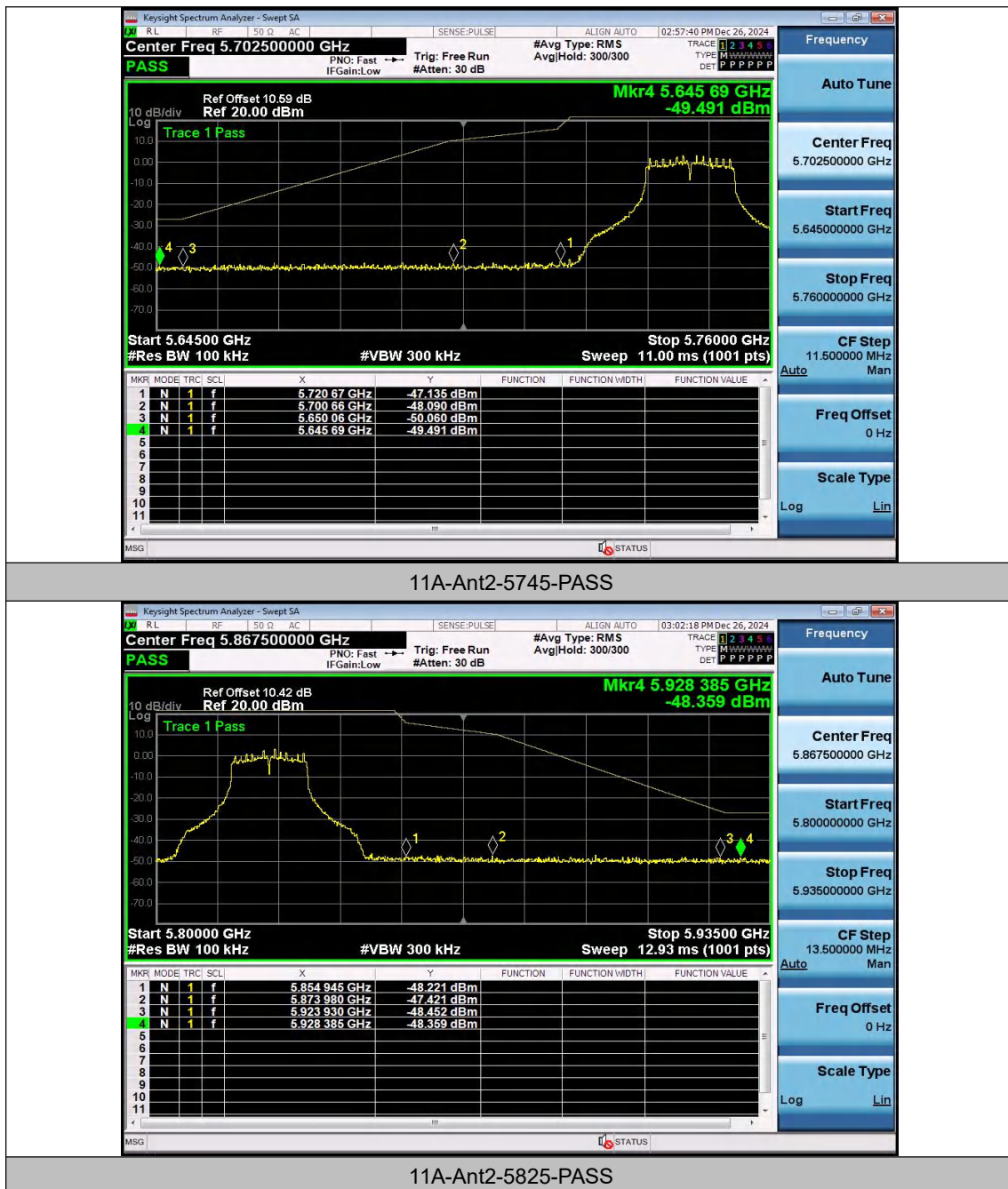


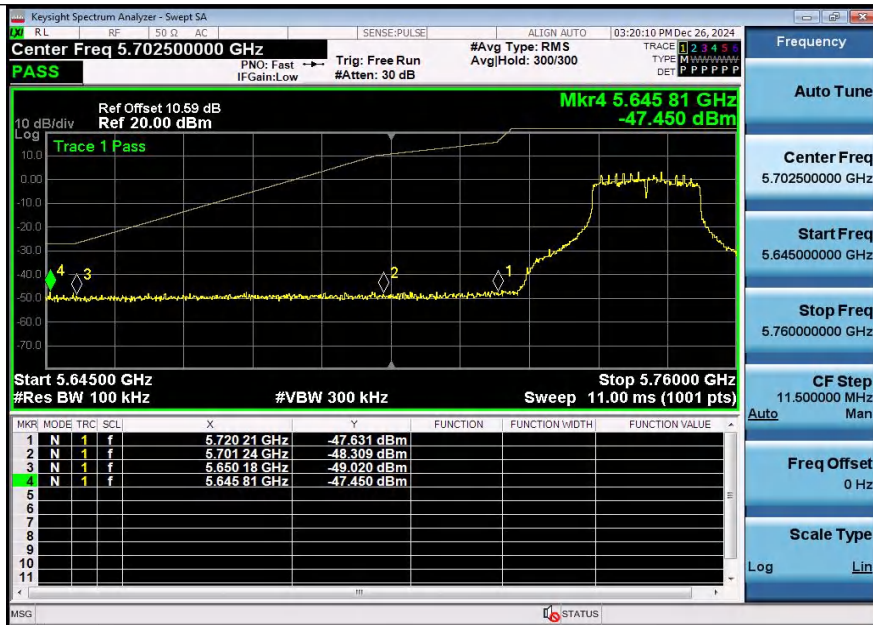
11AX80SISO-Ant2-5530-PASS



11AX80SISO-Ant2-5610-PASS

## Test Graphs B4





11N20SISO-Ant2-5745-PASS



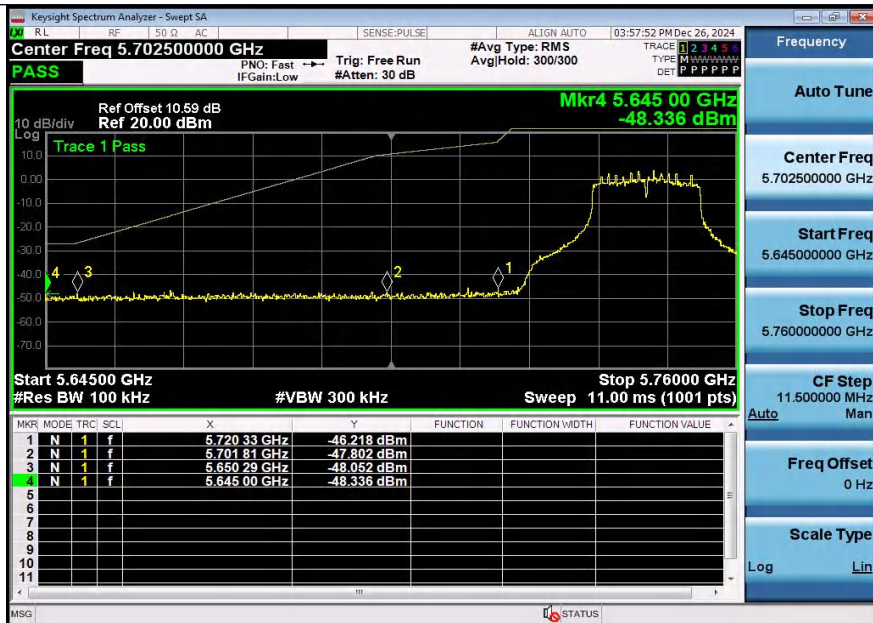
11N20SISO-Ant2-5825-PASS



11N40SISO-Ant2-5755-PASS



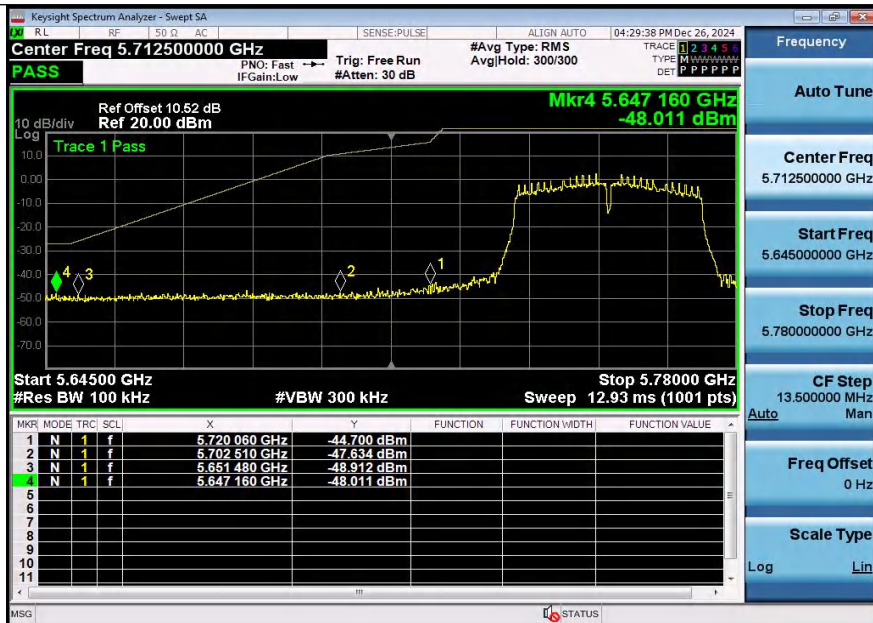
11N40SISO-Ant2-5795-PASS



11AC20SISO-Ant2-5745-PASS



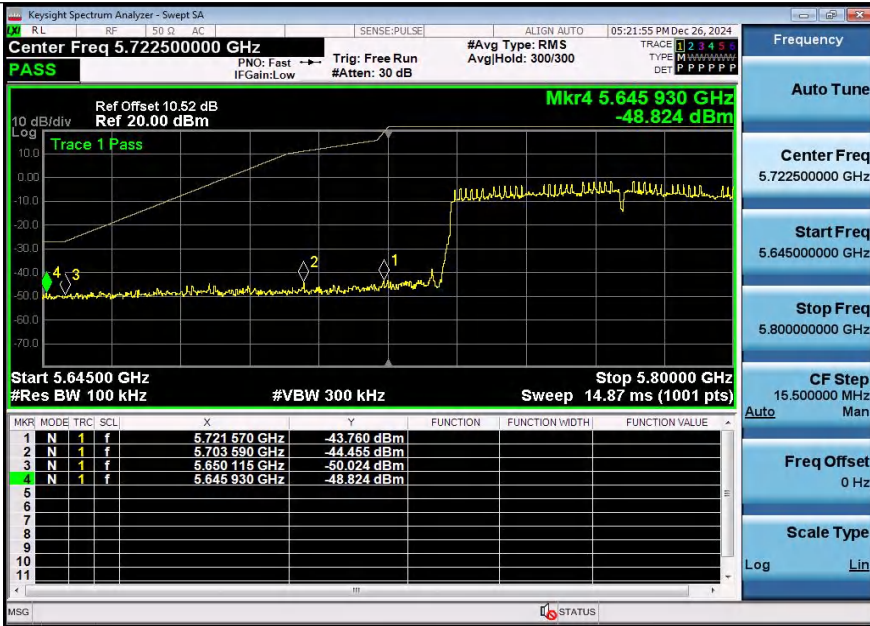
11AC20SISO-Ant2-5825-PASS



11AC40SISO-Ant2-5755-PASS



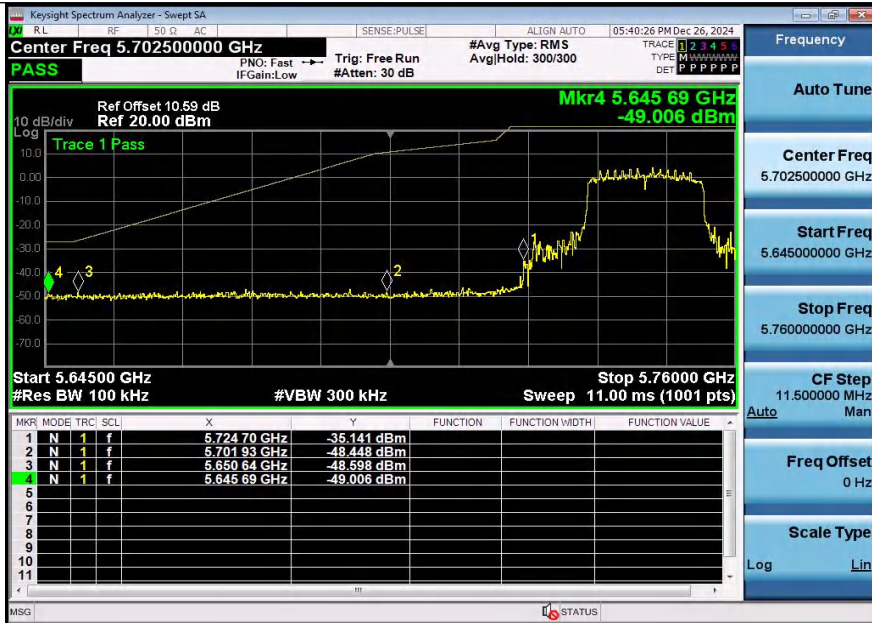
11AC40SISO-Ant2-5795-PASS



11AC80SISO-Ant2-5775-PASS



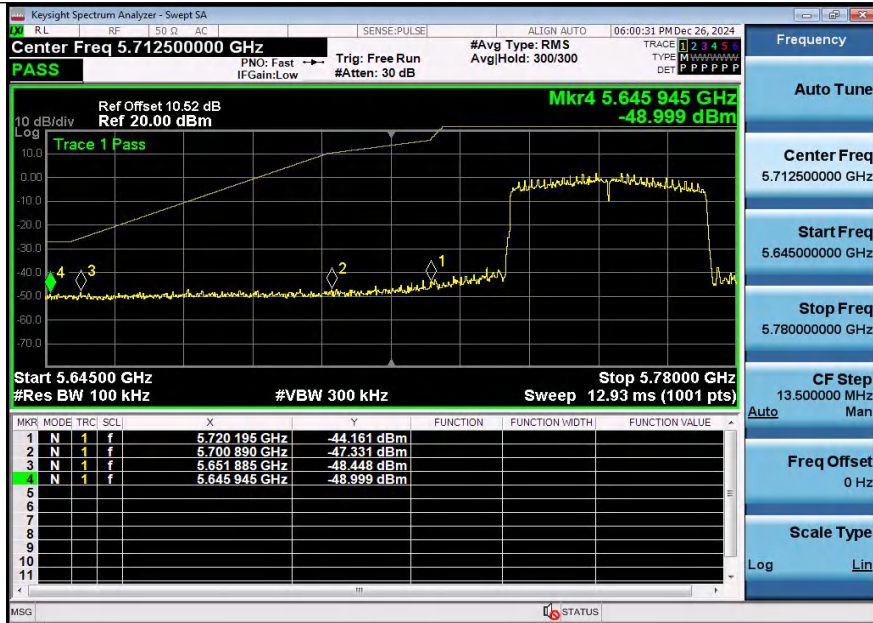
11AC80SISO-Ant2-5775-PASS



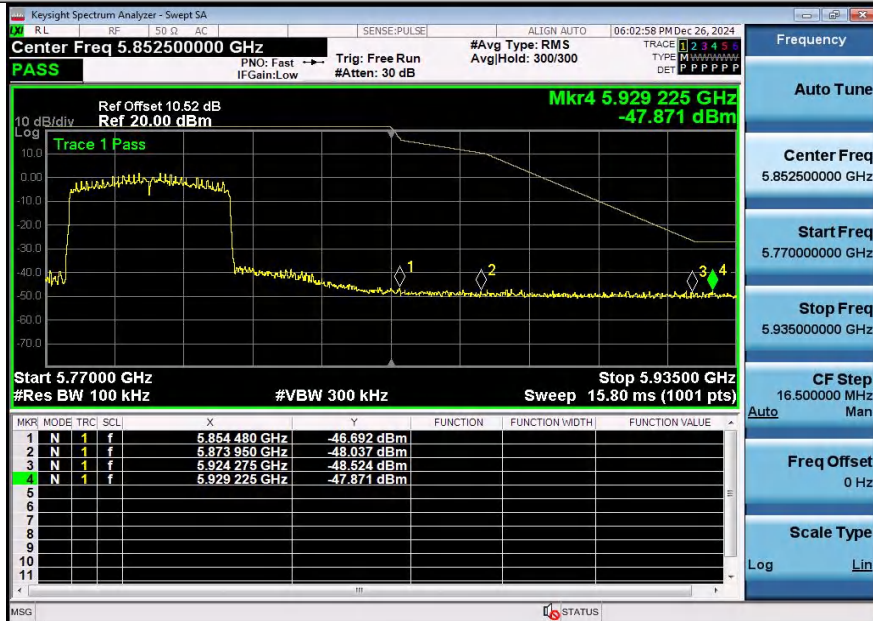
11AX20SISO-Ant2-5745-PASS



11AX20SISO-Ant2-5825-PASS



11AX40SISO-Ant2-5755-PASS



11AX40SISO-Ant2-5795-PASS



11AX80SISO-Ant2-5775-PASS



11AX80SISO-Ant2-5775-PASS

## Appendix G: Frequency Stability

### Test Result

#### Ant 1

| Reference Frequency: 802.11ac channel=36 frequency=5180MHz |                  |                 |         |                              |        |
|------------------------------------------------------------|------------------|-----------------|---------|------------------------------|--------|
| Voltage ( V )                                              | Temperature (°C) | Frequency error |         | Limit (ppm)                  | Result |
|                                                            |                  | Hz              | ppm     |                              |        |
| 24.0                                                       | -30              | 163.482         | 0.03156 | Within the band of operation | Pass   |
|                                                            | -20              | 159.641         | 0.03082 |                              |        |
|                                                            | -10              | 145.326         | 0.02806 |                              |        |
|                                                            | 0                | 139.844         | 0.02700 |                              |        |
|                                                            | 10               | 135.843         | 0.02622 |                              |        |
|                                                            | 20               | 120.046         | 0.02317 |                              |        |
|                                                            | 30               | 136.847         | 0.02642 |                              |        |
|                                                            | 40               | 138.945         | 0.02682 |                              |        |
|                                                            | 50               | 143.872         | 0.02777 |                              |        |
| 26.4                                                       | 20               | 153.184         | 0.02957 | Within the band of operation | Pass   |
| 21.6                                                       | 20               | 159.637         | 0.03082 |                              |        |

| Reference Frequency: 802.11ac channel=52 frequency=5260MHz |                  |                 |         |                              |        |
|------------------------------------------------------------|------------------|-----------------|---------|------------------------------|--------|
| Voltage ( V )                                              | Temperature (°C) | Frequency error |         | Limit (ppm)                  | Result |
|                                                            |                  | Hz              | ppm     |                              |        |
| 24.0                                                       | -30              | 178.425         | 0.03392 | Within the band of operation | Pass   |
|                                                            | -20              | 182.634         | 0.03472 |                              |        |
|                                                            | -10              | 168.475         | 0.03203 |                              |        |
|                                                            | 0                | 153.184         | 0.02912 |                              |        |
|                                                            | 10               | 149.758         | 0.02847 |                              |        |
|                                                            | 20               | 127.619         | 0.02426 |                              |        |
|                                                            | 30               | 135.647         | 0.02579 |                              |        |
|                                                            | 40               | 145.201         | 0.02760 |                              |        |
|                                                            | 50               | 149.682         | 0.02846 |                              |        |
| 26.4                                                       | 20               | 153.045         | 0.02910 | Within the band of operation | Pass   |
| 21.6                                                       | 20               | 169.199         | 0.03217 |                              |        |

| Reference Frequency: 802.11ac channel=100 frequency=5500MHz |                  |                 |         |                              |        |
|-------------------------------------------------------------|------------------|-----------------|---------|------------------------------|--------|
| Voltage ( V )                                               | Temperature (°C) | Frequency error |         | Limit (ppm)                  | Result |
|                                                             |                  | Hz              | ppm     |                              |        |
| 24.0                                                        | -30              | 184.638         | 0.03357 | Within the band of operation | Pass   |
|                                                             | -20              | 174.647         | 0.03175 |                              |        |
|                                                             | -10              | 168.482         | 0.03063 |                              |        |
|                                                             | 0                | 154.210         | 0.02804 |                              |        |
|                                                             | 10               | 138.149         | 0.02512 |                              |        |
|                                                             | 20               | 124.872         | 0.02270 |                              |        |
|                                                             | 30               | 149.217         | 0.02713 |                              |        |
|                                                             | 40               | 162.048         | 0.02946 |                              |        |
|                                                             | 50               | 175.843         | 0.03197 |                              |        |
| 26.4                                                        | 20               | 160.975         | 0.02927 | Within the band of operation | Pass   |
| 21.6                                                        | 20               | 162.489         | 0.02954 |                              |        |

| Reference Frequency: 802.11ac channel=149 frequency=5745MHz |                  |                 |         |                              |        |
|-------------------------------------------------------------|------------------|-----------------|---------|------------------------------|--------|
| Voltage ( V )                                               | Temperature (°C) | Frequency error |         | Limit (ppm)                  | Result |
|                                                             |                  | Hz              | ppm     |                              |        |
| 24.0                                                        | -30              | 175.428         | 0.03054 | Within the band of operation | Pass   |
|                                                             | -20              | 168.364         | 0.02931 |                              |        |
|                                                             | -10              | 158.874         | 0.02765 |                              |        |
|                                                             | 0                | 152.438         | 0.02653 |                              |        |
|                                                             | 10               | 143.963         | 0.02506 |                              |        |
|                                                             | 20               | 129.475         | 0.02254 |                              |        |
|                                                             | 30               | 139.749         | 0.02433 |                              |        |
|                                                             | 40               | 144.108         | 0.02508 |                              |        |
|                                                             | 50               | 176.631         | 0.03075 |                              |        |
| 26.4                                                        | 20               | 153.018         | 0.02663 | Within the band of operation | Pass   |
| 21.6                                                        | 20               | 148.690         | 0.02588 |                              |        |

**Ant 2**

| Reference Frequency: 802.11ac channel=36 frequency=5180MHz |                  |                 |         |                              |        |
|------------------------------------------------------------|------------------|-----------------|---------|------------------------------|--------|
| Voltage ( V )                                              | Temperature (°C) | Frequency error |         | Limit (ppm)                  | Result |
|                                                            |                  | Hz              | ppm     |                              |        |
| 24.0                                                       | -30              | 142.978         | 0.02760 | Within the band of operation | Pass   |
|                                                            | -20              | 154.623         | 0.02985 |                              |        |
|                                                            | -10              | 163.249         | 0.03152 |                              |        |
|                                                            | 0                | 156.058         | 0.03013 |                              |        |
|                                                            | 10               | 136.579         | 0.02637 |                              |        |
|                                                            | 20               | 130.208         | 0.02514 |                              |        |
|                                                            | 30               | 145.253         | 0.02804 |                              |        |
|                                                            | 40               | 182.309         | 0.03519 |                              |        |
|                                                            | 50               | 178.452         | 0.03445 |                              |        |
| 26.4                                                       | 20               | 164.762         | 0.03181 | Within the band of operation | Pass   |
| 21.6                                                       | 20               | 167.327         | 0.03230 |                              |        |

| Reference Frequency: 802.11ac channel=52 frequency=5260MHz |                  |                 |         |                              |        |
|------------------------------------------------------------|------------------|-----------------|---------|------------------------------|--------|
| Voltage ( V )                                              | Temperature (°C) | Frequency error |         | Limit (ppm)                  | Result |
|                                                            |                  | Hz              | ppm     |                              |        |
| 24.0                                                       | -30              | 146.568         | 0.02786 | Within the band of operation | Pass   |
|                                                            | -20              | 167.269         | 0.03180 |                              |        |
|                                                            | -10              | 153.897         | 0.02926 |                              |        |
|                                                            | 0                | 173.984         | 0.03308 |                              |        |
|                                                            | 10               | 139.478         | 0.02652 |                              |        |
|                                                            | 20               | 148.374         | 0.02821 |                              |        |
|                                                            | 30               | 156.385         | 0.02973 |                              |        |
|                                                            | 40               | 146.650         | 0.02788 |                              |        |
|                                                            | 50               | 153.582         | 0.02920 |                              |        |
| 26.4                                                       | 20               | 149.187         | 0.02836 | Within the band of operation | Pass   |
| 21.6                                                       | 20               | 143.259         | 0.02724 |                              |        |

| Reference Frequency: 802.11ac channel=100 frequency=5500MHz |                  |                 |         |                              |        |
|-------------------------------------------------------------|------------------|-----------------|---------|------------------------------|--------|
| Voltage ( V )                                               | Temperature (°C) | Frequency error |         | Limit (ppm)                  | Result |
|                                                             |                  | Hz              | ppm     |                              |        |
| 24.0                                                        | -30              | 145.687         | 0.02649 | Within the band of operation | Pass   |
|                                                             | -20              | 162.284         | 0.02951 |                              |        |
|                                                             | -10              | 149.291         | 0.02714 |                              |        |
|                                                             | 0                | 142.487         | 0.02591 |                              |        |
|                                                             | 10               | 139.213         | 0.02531 |                              |        |
|                                                             | 20               | 127.642         | 0.02321 |                              |        |
|                                                             | 30               | 138.634         | 0.02521 |                              |        |
|                                                             | 40               | 142.052         | 0.02583 |                              |        |
|                                                             | 50               | 173.687         | 0.03158 |                              |        |
| 26.4                                                        | 20               | 163.345         | 0.02970 | Within the band of operation | Pass   |
| 21.6                                                        | 20               | 157.654         | 0.02866 |                              |        |

| Reference Frequency: 802.11ac channel=149 frequency=5745MHz |                  |                 |         |                              |        |
|-------------------------------------------------------------|------------------|-----------------|---------|------------------------------|--------|
| Voltage ( V )                                               | Temperature (°C) | Frequency error |         | Limit (ppm)                  | Result |
|                                                             |                  | Hz              | ppm     |                              |        |
| 24.0                                                        | -30              | 175.511         | 0.03055 | Within the band of operation | Pass   |
|                                                             | -20              | 183.146         | 0.03188 |                              |        |
|                                                             | -10              | 159.156         | 0.02770 |                              |        |
|                                                             | 0                | 148.689         | 0.02588 |                              |        |
|                                                             | 10               | 132.041         | 0.02298 |                              |        |
|                                                             | 20               | 126.354         | 0.02199 |                              |        |
|                                                             | 30               | 143.116         | 0.02491 |                              |        |
|                                                             | 40               | 152.062         | 0.02647 |                              |        |
|                                                             | 50               | 168.642         | 0.02935 |                              |        |
| 26.4                                                        | 20               | 159.584         | 0.02778 | Within the band of operation | Pass   |
| 21.6                                                        | 20               | 164.007         | 0.02855 |                              |        |