



11N20SISO\_Ant1\_5745



11N20SISO\_Ant1\_5785



11N20SISO\_Ant1\_5825



11N40SISO\_Ant1\_5190



11N40SISO\_Ant1\_5230



11N40SISO\_Ant1\_5755



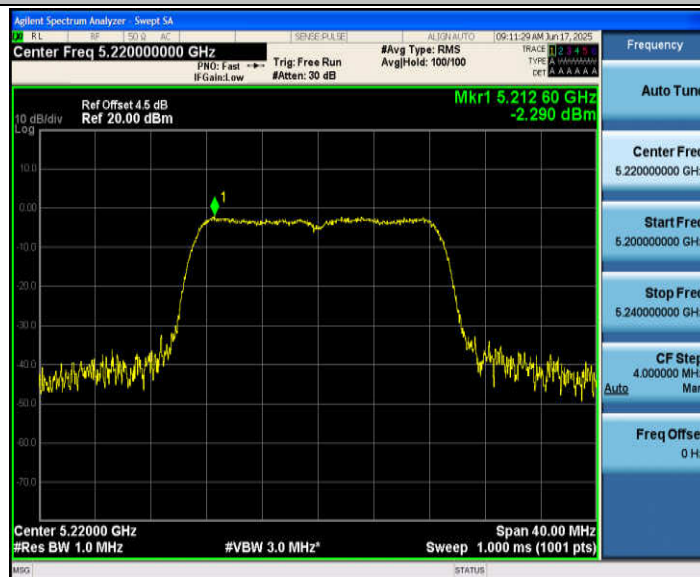
11N40SISO\_Ant1\_5795



11AC20SISO\_Ant1\_5180



11AC20SISO\_Ant1\_5220



11AC20SISO\_Ant1\_5240



11AC20SISO\_Ant1\_5745



11AC20SISO\_Ant1\_5785



11AC20SISO\_Ant1\_5825



11AC40SISO\_Ant1\_5190



11AC40SISO\_Ant1\_5230



11AC40SISO\_Ant1\_5755



11AC40SISO\_Ant1\_5795



11AC80SISO\_Ant1\_5210



11AC80SISO\_Ant1\_5775



11AX20SISO\_Ant1\_5180



11AX20SISO\_Ant1\_5220



11AX20SISO\_Ant1\_5240



11AX20SISO\_Ant1\_5745



11AX20SISO\_Ant1\_5785



11AX20SISO\_Ant1\_5825



11AX40SISO\_Ant1\_5190



11AX40ISO\_Ant1\_5230



11AX40ISO\_Ant1\_5755



11AX40SISO\_Ant1\_5795



11AX80SISO\_Ant1\_5210



11AX80ISO\_Ant1\_5775



## Appendix E: Band edge measurements

### Test Result B1

| TestMode   | Antenna | ChName | Freq(MHz) | Result[dBm] | Limit[dBm] | Verdict |
|------------|---------|--------|-----------|-------------|------------|---------|
| 11A        | Ant1    | Low    | 5180      | -38.65      | ≤-27       | PASS    |
|            |         | High   | 5240      | -46.43      | ≤-27       | PASS    |
| 11N20SISO  | Ant1    | Low    | 5180      | -36.43      | ≤-27       | PASS    |
|            |         | High   | 5240      | -45.85      | ≤-27       | PASS    |
| 11N40SISO  | Ant1    | Low    | 5190      | -34.36      | ≤-27       | PASS    |
|            |         | High   | 5230      | -45.68      | ≤-27       | PASS    |
| 11AC20SISO | Ant1    | Low    | 5180      | -38.8       | ≤-27       | PASS    |
|            |         | High   | 5240      | -46.14      | ≤-27       | PASS    |
| 11AC40SISO | Ant1    | Low    | 5190      | -32.35      | ≤-27       | PASS    |
|            |         | High   | 5230      | -45.93      | ≤-27       | PASS    |
| 11AC80SISO | Ant1    | Low    | 5210      | -33.03      | ≤-27       | PASS    |
|            |         | High   | 5210      | -45.46      | ≤-27       | PASS    |
| 11AX20SISO | Ant1    | Low    | 5180      | -38.46      | ≤-27       | PASS    |
|            |         | High   | 5240      | -46.29      | ≤-27       | PASS    |
| 11AX40SISO | Ant1    | Low    | 5190      | -35.72      | ≤-27       | PASS    |
|            |         | High   | 5230      | -45.8       | ≤-27       | PASS    |
| 11AX80SISO | Ant1    | Low    | 5210      | -33.49      | ≤-27       | PASS    |
|            |         | High   | 5210      | -45.4       | ≤-27       | PASS    |

### Test Result B4

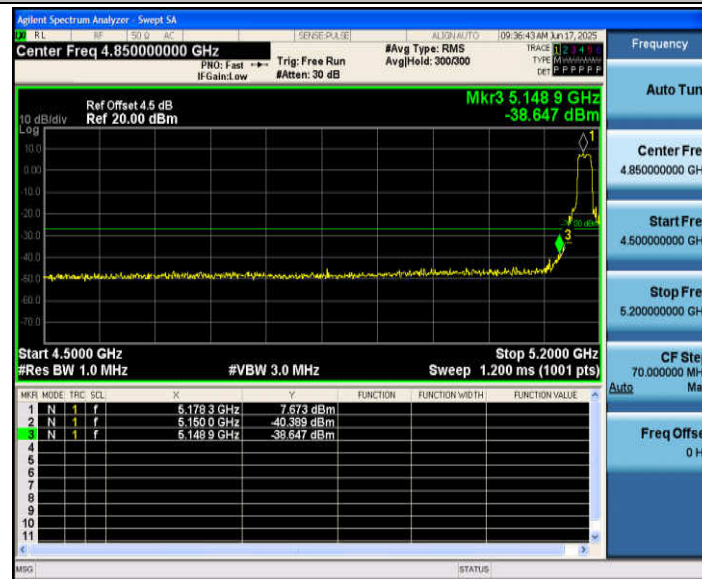
| TestMode  | Antenna | ChName | Freq(MHz) | FreqRange [MHz] | Result [dBm] | Limit [dBm] | Verdict |
|-----------|---------|--------|-----------|-----------------|--------------|-------------|---------|
| 11A       | Ant1    | Low    | 5745      | 5650~5700       | -47.58       | ≤-26.02     | PASS    |
|           |         |        |           | 5700~5720       | -33.46       | ≤15.43      | PASS    |
|           |         |        |           | 5720~5725       | -31.52       | ≤16.60      | PASS    |
|           |         |        |           | 5760~5650       | -46.89       | ≤-27        | PASS    |
|           |         | High   | 5825      | 5850~5855       | -36.66       | ≤15.73      | PASS    |
|           |         |        |           | 5855~5875       | -36.77       | ≤15.58      | PASS    |
|           |         |        |           | 5875~5925       | -45.42       | ≤-26.41     | PASS    |
|           |         |        |           | 5925~5935       | -46.24       | ≤-27        | PASS    |
| 11N20SISO | Ant1    | Low    | 5745      | 5650~5700       | -48.1        | ≤-26.79     | PASS    |
|           |         |        |           | 5700~5720       | -34.65       | ≤14.53      | PASS    |
|           |         |        |           | 5720~5725       | -22.47       | ≤23.42      | PASS    |
|           |         |        |           | 5760~5650       | -46.93       | ≤-27        | PASS    |
|           |         | High   | 5825      | 5850~5855       | -32.16       | ≤19.11      | PASS    |
|           |         |        |           | 5855~5875       | -33.11       | ≤15.50      | PASS    |

|            |      |      |      |           |        |               |      |
|------------|------|------|------|-----------|--------|---------------|------|
|            |      |      |      | 5875~5925 | -46.51 | $\leq -26.81$ | PASS |
|            |      |      |      | 5925~5935 | -46.12 | $\leq -27$    | PASS |
| 11N40SISO  | Ant1 | Low  | 5755 | 5650~5700 | -48.1  | $\leq -26.60$ | PASS |
|            |      |      |      | 5700~5720 | -28.71 | $\leq 15.47$  | PASS |
|            |      |      |      | 5720~5725 | -29.15 | $\leq 15.74$  | PASS |
|            |      |      |      | 5780~5650 | -47.43 | $\leq -27$    | PASS |
|            |      | High | 5795 | 5850~5855 | -45.73 | $\leq 15.66$  | PASS |
|            |      |      |      | 5855~5875 | -46.46 | $\leq 10.29$  | PASS |
|            |      |      |      | 5875~5925 | -45.93 | $\leq -26.71$ | PASS |
|            |      |      |      | 5925~5935 | -46.14 | $\leq -27$    | PASS |
| 11AC20SISO | Ant1 | Low  | 5745 | 5650~5700 | -48.02 | $\leq -26.70$ | PASS |
|            |      |      |      | 5700~5720 | -33.39 | $\leq 15.47$  | PASS |
|            |      |      |      | 5720~5725 | -22.54 | $\leq 23.16$  | PASS |
|            |      |      |      | 5760~5650 | -45.87 | $\leq -27$    | PASS |
|            |      | High | 5825 | 5850~5855 | -34.59 | $\leq 15.73$  | PASS |
|            |      |      |      | 5855~5875 | -36.28 | $\leq 15.39$  | PASS |
|            |      |      |      | 5875~5925 | -45.33 | $\leq -26.41$ | PASS |
|            |      |      |      | 5925~5935 | -43.91 | $\leq -27$    | PASS |
| 11AC40SISO | Ant1 | Low  | 5755 | 5650~5700 | -46.22 | $\leq -25.90$ | PASS |
|            |      |      |      | 5700~5720 | -31.53 | $\leq 14.63$  | PASS |
|            |      |      |      | 5720~5725 | -28.52 | $\leq 17.28$  | PASS |
|            |      |      |      | 5780~5650 | -47.16 | $\leq -27$    | PASS |
|            |      | High | 5795 | 5850~5855 | -47.14 | $\leq 15.66$  | PASS |
|            |      |      |      | 5855~5875 | -45.8  | $\leq 10.76$  | PASS |
|            |      |      |      | 5875~5925 | -46.2  | $\leq -26.34$ | PASS |
|            |      |      |      | 5925~5935 | -45.1  | $\leq -27$    | PASS |
| 11AC80SISO | Ant1 | Low  | 5775 | 5650~5700 | -47.71 | $\leq -26.91$ | PASS |
|            |      |      |      | 5700~5720 | -32.4  | $\leq 15.26$  | PASS |
|            |      |      |      | 5720~5725 | -30.83 | $\leq 17.41$  | PASS |
|            |      |      |      | 5800~5650 | -46.85 | $\leq -27$    | PASS |
|            |      | High | 5775 | 5850~5855 | -45.73 | $\leq 15.84$  | PASS |
|            |      |      |      | 5855~5875 | -42.2  | $\leq 12.00$  | PASS |
|            |      |      |      | 5875~5925 | -46.81 | $\leq -26.60$ | PASS |
|            |      |      |      | 5925~5935 | -46.27 | $\leq -27$    | PASS |
| 11AX20SISO | Ant1 | Low  | 5745 | 5650~5700 | -46.53 | $\leq -25.17$ | PASS |
|            |      |      |      | 5700~5720 | -32.49 | $\leq 15.50$  | PASS |
|            |      |      |      | 5720~5725 | -26.04 | $\leq 21.85$  | PASS |
|            |      |      |      | 5760~5650 | -47.36 | $\leq -27$    | PASS |
|            |      | High | 5825 | 5850~5855 | -32.33 | $\leq 17.88$  | PASS |
|            |      |      |      | 5855~5875 | -34.97 | $\leq 15.28$  | PASS |
|            |      |      |      | 5875~5925 | -46.42 | $\leq -26.61$ | PASS |
|            |      |      |      | 5925~5935 | -45.83 | $\leq -27$    | PASS |

|            |      |      |      |           |        |               |      |
|------------|------|------|------|-----------|--------|---------------|------|
| 11AX40SISO | Ant1 | Low  | 5755 | 5650~5700 | -46.81 | $\leq -26.60$ | PASS |
|            |      |      |      | 5700~5720 | -30.32 | $\leq 14.90$  | PASS |
|            |      |      |      | 5720~5725 | -27.72 | $\leq 18.51$  | PASS |
|            |      |      |      | 5780~5650 | -47.49 | $\leq -27$    | PASS |
|            |      | High | 5795 | 5850~5855 | -46.87 | $\leq 15.66$  | PASS |
|            |      |      |      | 5855~5875 | -45.66 | $\leq 10.39$  | PASS |
|            |      |      |      | 5875~5925 | -45.47 | $\leq -25.36$ | PASS |
|            |      |      |      | 5925~5935 | -45.7  | $\leq -27$    | PASS |
| 11AX80SISO | Ant1 | Low  | 5775 | 5650~5700 | -47.57 | $\leq -26.91$ | PASS |
|            |      |      |      | 5700~5720 | -32.49 | $\leq 15.13$  | PASS |
|            |      |      |      | 5720~5725 | -30.6  | $\leq 17.77$  | PASS |
|            |      |      |      | 5800~5650 | -47.03 | $\leq -27$    | PASS |
|            |      | High | 5775 | 5850~5855 | -45.7  | $\leq 15.84$  | PASS |
|            |      |      |      | 5855~5875 | -45.62 | $\leq 10.04$  | PASS |
|            |      |      |      | 5875~5925 | -47.5  | $\leq -26.87$ | PASS |
|            |      |      |      | 5925~5935 | -45.16 | $\leq -27$    | PASS |

## Test Graphs B1

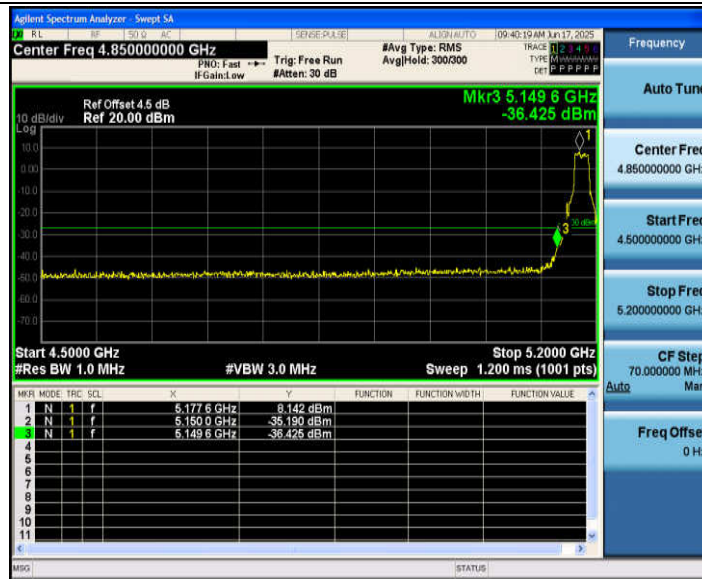
11A\_Ant1\_Low\_5180



11A\_Ant1\_High\_5240



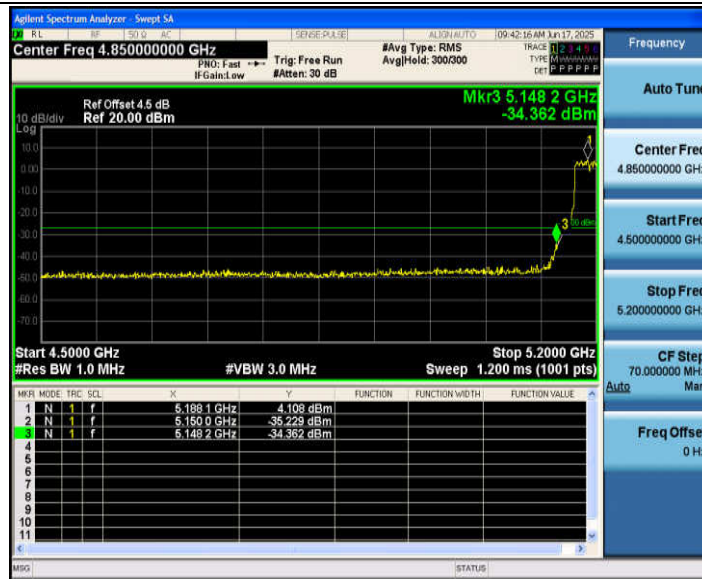
11N20SISO\_Ant1\_Low\_5180



11N20SISO\_Ant1\_High\_5240



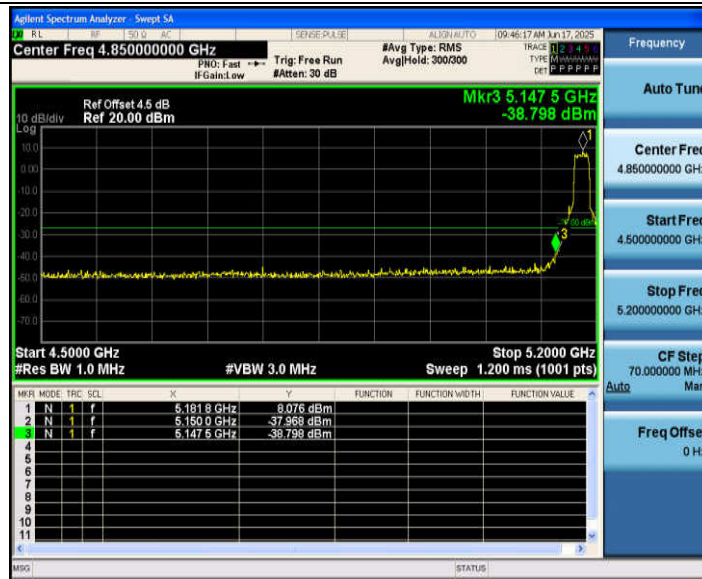
11N40SISO\_Ant1\_Low\_5190



11N40SISO\_Ant1\_High\_5230



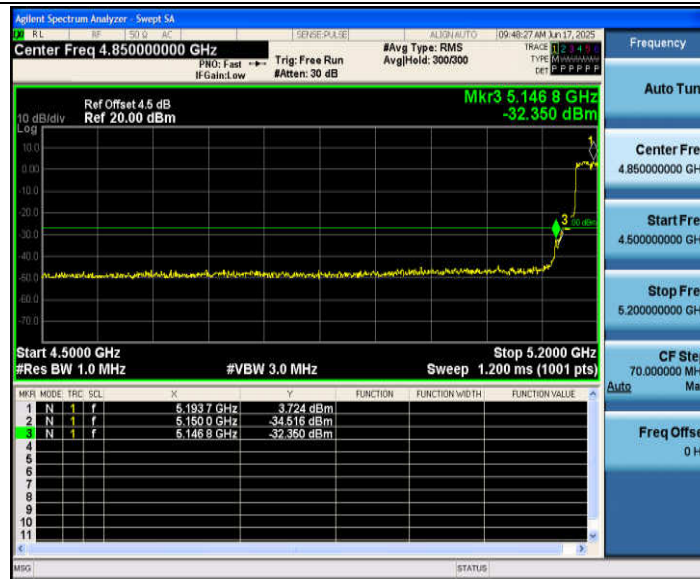
11AC20SISO\_Ant1\_Low\_5180



11AC20SISO\_Ant1\_High\_5240



11AC40SISO\_Ant1\_Low\_5190



11AC40SISO\_Ant1\_High\_5230



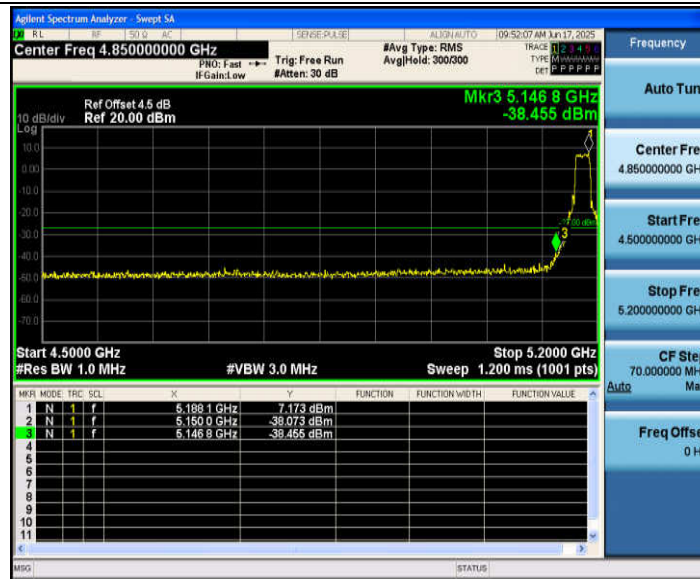
11AC80SISO\_Ant1\_Low\_5210



11AC80SISO\_Ant1\_High\_5210



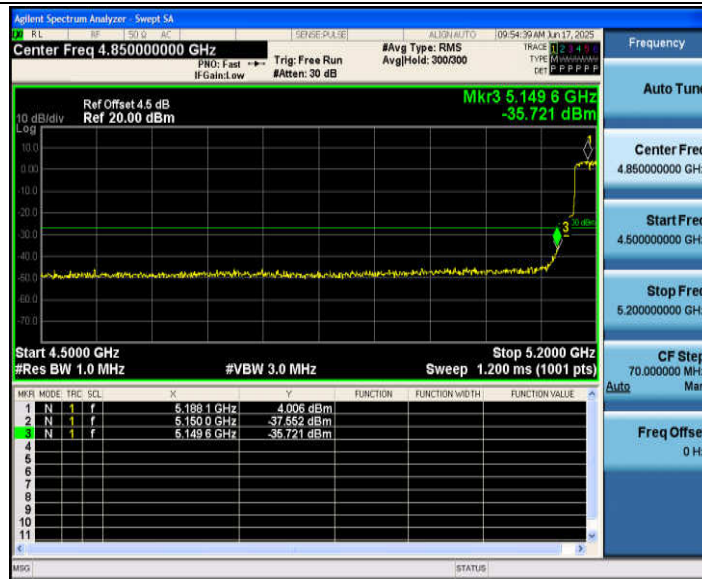
11AX20SISO\_Ant1\_Low\_5180



11AX20SISO\_Ant1\_High\_5240



11AX40SISO\_Ant1\_Low\_5190



11AX40SISO\_Ant1\_High\_5230



11AX80SISO\_Ant1\_Low\_5210



11AX80SISO\_Ant1\_High\_5210



## Test Graphs B4

11A\_Ant1\_Low\_5745



11A\_Ant1\_High\_5825



11N20SISO\_Ant1\_Low\_5745



11N20SISO\_Ant1\_High\_5825



11N40SISO\_Ant1\_Low\_5755



11N40SISO\_Ant1\_High\_5795



11AC20SISO\_Ant1\_Low\_5745



11AC20SISO\_Ant1\_High\_5825



11AC40SISO\_Ant1\_Low\_5755



11AC40SISO\_Ant1\_High\_5795



11AC80SISO\_Ant1\_Low\_5775



11AC80SISO\_Ant1\_High\_5775



11AX20SISO\_Ant1\_Low\_5745



11AX20SISO\_Ant1\_High\_5825



11AX40SISO\_Ant1\_Low\_5755



11AX40SISO\_Ant1\_High\_5795



11AX80SISO\_Ant1\_Low\_5775



11AX80SISO\_Ant1\_High\_5775



## Appendix F: Conducted Spurious Emission

### Test Result

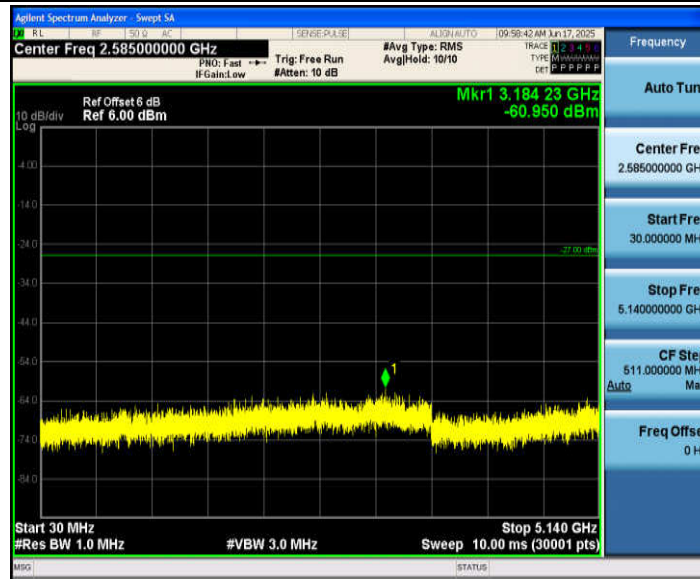
| TestMode   | Antenna | Freq(MHz) | FreqRange [MHz] | Max. Fre [MHz] | Max. Level [dBm] | Limit [dBm] | Verdict |
|------------|---------|-----------|-----------------|----------------|------------------|-------------|---------|
| 11A        | Ant1    | 5180      | 30~5140         | 3184.23        | -60.95           | ≤-27        | PASS    |
|            |         |           | 5360~40000      | 26278.67       | -51.88           | ≤-27        | PASS    |
|            |         | 5220      | 30~5140         | 3122.91        | -61.99           | ≤-27        | PASS    |
|            |         |           | 5360~40000      | 26174.79       | -52.58           | ≤-27        | PASS    |
|            |         | 5240      | 30~5140         | 3229.71        | -62.39           | ≤-27        | PASS    |
|            |         |           | 5360~40000      | 25668.42       | -51.73           | ≤-27        | PASS    |
|            |         | 5745      | 30~5650         | 3170.83        | -62.08           | ≤-27        | PASS    |
|            |         |           | 5925~40000      | 26867.23       | -51.84           | ≤-27        | PASS    |
|            |         | 5785      | 30~5650         | 2629.81        | -61.82           | ≤-27        | PASS    |
|            |         |           | 5925~40000      | 26600.28       | -52.61           | ≤-27        | PASS    |
|            |         | 5825      | 30~5650         | 2669.34        | -61.87           | ≤-27        | PASS    |
|            |         |           | 5925~40000      | 26086.75       | -52.75           | ≤-27        | PASS    |
| 11N20SISO  | Ant1    | 5180      | 30~5140         | 3117.8         | -61.02           | ≤-27        | PASS    |
|            |         |           | 5360~40000      | 26579.46       | -51.95           | ≤-27        | PASS    |
|            |         | 5220      | 30~5140         | 2675.96        | -62.27           | ≤-27        | PASS    |
|            |         |           | 5360~40000      | 26955.28       | -52.34           | ≤-27        | PASS    |
|            |         | 5240      | 30~5140         | 2685.84        | -62.28           | ≤-27        | PASS    |
|            |         |           | 5360~40000      | 26583.07       | -50.97           | ≤-27        | PASS    |
|            |         | 5745      | 30~5650         | 3591.77        | -61.18           | ≤-27        | PASS    |
|            |         |           | 5925~40000      | 26586.93       | -52.19           | ≤-27        | PASS    |
|            |         | 5785      | 30~5650         | 3142.17        | -61.85           | ≤-27        | PASS    |
|            |         |           | 5925~40000      | 25987.7        | -52.1            | ≤-27        | PASS    |
|            |         | 5825      | 30~5650         | 3174.76        | -60.7            | ≤-27        | PASS    |
|            |         |           | 5925~40000      | 26177.37       | -52.34           | ≤-27        | PASS    |
| 11N40SISO  | Ant1    | 5190      | 30~5140         | 3162.6         | -61              | ≤-27        | PASS    |
|            |         |           | 5360~40000      | 26963.93       | -52.37           | ≤-27        | PASS    |
|            |         | 5230      | 30~5140         | 3220.68        | -62.13           | ≤-27        | PASS    |
|            |         |           | 5360~40000      | 26915.6        | -52.22           | ≤-27        | PASS    |
|            |         | 5755      | 30~5650         | 3295.97        | -61.74           | ≤-27        | PASS    |
|            |         |           | 5925~40000      | 26921.32       | -51.98           | ≤-27        | PASS    |
|            |         | 5795      | 30~5650         | 3155.47        | -61.66           | ≤-27        | PASS    |
|            |         |           | 5925~40000      | 27000          | -51.83           | ≤-27        | PASS    |
| 11AC20SISO | Ant1    | 5180      | 30~5140         | 3109.46        | -61.49           | ≤-27        | PASS    |
|            |         |           | 5360~40000      | 26929.31       | -52.37           | ≤-27        | PASS    |
|            |         | 5220      | 30~5140         | 3143.01        | -61.7            | ≤-27        | PASS    |
|            |         |           | 5360~40000      | 26672.51       | -52.29           | ≤-27        | PASS    |
|            |         | 5240      | 30~5140         | 3032.81        | -61.06           | ≤-27        | PASS    |
|            |         |           |                 |                |                  |             |         |

|            |      |      |            |          |        |      |      |
|------------|------|------|------------|----------|--------|------|------|
|            |      |      | 5360~40000 | 26037.02 | -52.02 | ≤-27 | PASS |
|            |      | 5745 | 30~5650    | 3312.08  | -62.12 | ≤-27 | PASS |
|            |      |      | 5925~40000 | 26095.88 | -51.8  | ≤-27 | PASS |
|            |      | 5785 | 30~5650    | 3244.08  | -62.14 | ≤-27 | PASS |
|            |      |      | 5925~40000 | 26182.99 | -52.47 | ≤-27 | PASS |
|            |      | 5825 | 30~5650    | 3167.65  | -61.12 | ≤-27 | PASS |
|            |      |      | 5925~40000 | 26512.47 | -51.72 | ≤-27 | PASS |
| 11AC40SISO | Ant1 | 5190 | 30~5140    | 3092.08  | -61.82 | ≤-27 | PASS |
|            |      |      | 5360~40000 | 25275.29 | -51.51 | ≤-27 | PASS |
|            |      | 5230 | 30~5140    | 3030.59  | -62.24 | ≤-27 | PASS |
|            |      |      | 5360~40000 | 26145.94 | -51.79 | ≤-27 | PASS |
|            |      | 5755 | 30~5650    | 3580.15  | -61.34 | ≤-27 | PASS |
|            |      |      | 5925~40000 | 26400.07 | -52.38 | ≤-27 | PASS |
|            |      | 5795 | 30~5650    | 2565.74  | -62.41 | ≤-27 | PASS |
|            |      |      | 5925~40000 | 26124.69 | -51.73 | ≤-27 | PASS |
| 11AC80SISO | Ant1 | 5210 | 30~5140    | 3287.8   | -62.42 | ≤-27 | PASS |
|            |      |      | 5360~40000 | 26997.84 | -52.61 | ≤-27 | PASS |
|            |      | 5775 | 30~5650    | 3037.82  | -61.38 | ≤-27 | PASS |
|            |      |      | 5925~40000 | 25741.82 | -51.25 | ≤-27 | PASS |
| 11AX20SISO | Ant1 | 5180 | 30~5140    | 3136.2   | -61.82 | ≤-27 | PASS |
|            |      |      | 5360~40000 | 26603.99 | -51.53 | ≤-27 | PASS |
|            |      | 5220 | 30~5140    | 3155.96  | -61.77 | ≤-27 | PASS |
|            |      |      | 5360~40000 | 26147.38 | -51.82 | ≤-27 | PASS |
|            |      | 5240 | 30~5140    | 3148.46  | -61.55 | ≤-27 | PASS |
|            |      |      | 5360~40000 | 25705.93 | -50.98 | ≤-27 | PASS |
|            |      | 5745 | 30~5650    | 3105.45  | -62.1  | ≤-27 | PASS |
|            |      |      | 5925~40000 | 26711.98 | -51.94 | ≤-27 | PASS |
|            |      | 5785 | 30~5650    | 2513.85  | -61.24 | ≤-27 | PASS |
|            |      |      | 5925~40000 | 25826.83 | -52.33 | ≤-27 | PASS |
|            |      | 5825 | 30~5650    | 3181.32  | -61.47 | ≤-27 | PASS |
|            |      |      | 5925~40000 | 26599.58 | -52.02 | ≤-27 | PASS |
| 11AX40SISO | Ant1 | 5190 | 30~5140    | 3365.81  | -61.81 | ≤-27 | PASS |
|            |      |      | 5360~40000 | 26817.5  | -52.2  | ≤-27 | PASS |
|            |      | 5230 | 30~5140    | 2657.9   | -62.1  | ≤-27 | PASS |
|            |      |      | 5360~40000 | 25240.67 | -51.99 | ≤-27 | PASS |
|            |      | 5755 | 30~5650    | 3599.26  | -61.57 | ≤-27 | PASS |
|            |      |      | 5925~40000 | 26264.48 | -52.31 | ≤-27 | PASS |
|            |      | 5795 | 30~5650    | 2994.74  | -62.05 | ≤-27 | PASS |
|            |      |      | 5925~40000 | 26664.21 | -52.01 | ≤-27 | PASS |
| 11AX80SISO | Ant1 | 5210 | 30~5140    | 3251.51  | -61.98 | ≤-27 | PASS |
|            |      |      | 5360~40000 | 26571.53 | -52.18 | ≤-27 | PASS |
|            |      | 5775 | 30~5650    | 2998.86  | -61.59 | ≤-27 | PASS |

|  |  |  |            |         |     |      |      |
|--|--|--|------------|---------|-----|------|------|
|  |  |  | 5925~40000 | 26942.4 | -52 | ≤-27 | PASS |
|--|--|--|------------|---------|-----|------|------|

## Test Graphs

11A\_Ant1\_5180\_30~5140



11A\_Ant1\_5180\_5360~40000



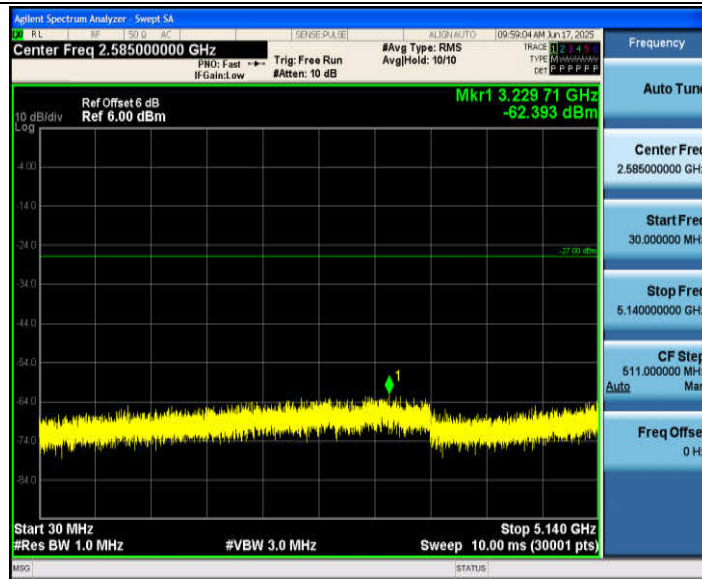
11A\_Ant1\_5220\_30~5140



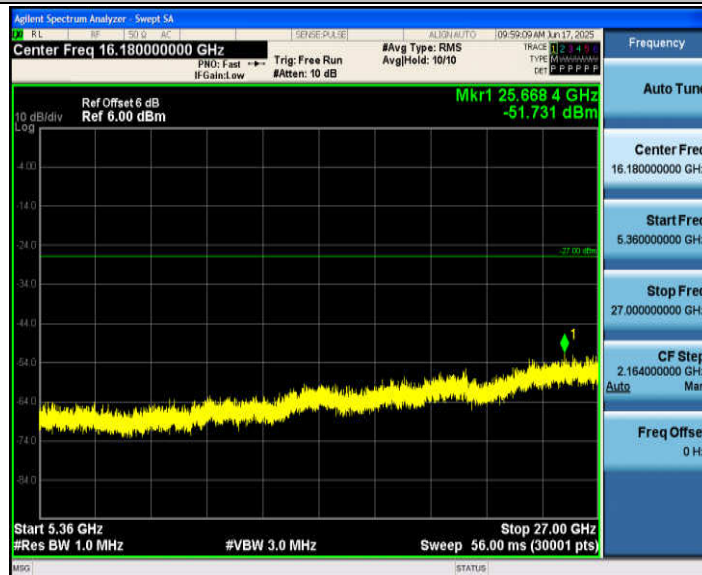
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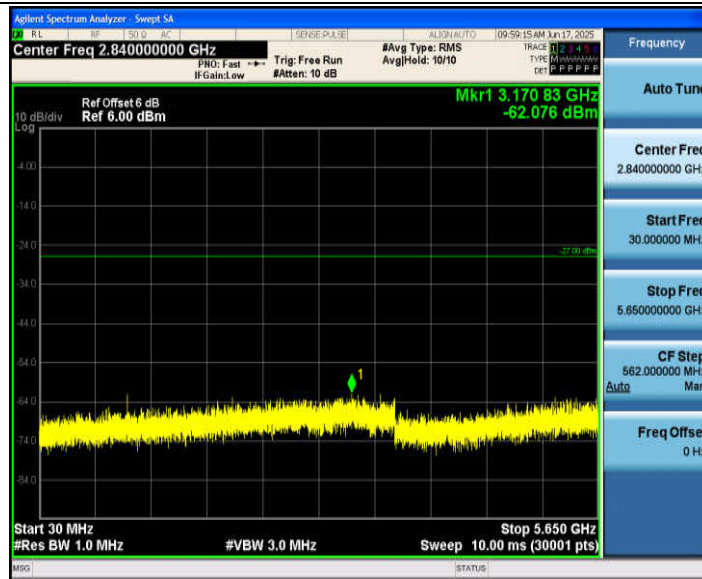
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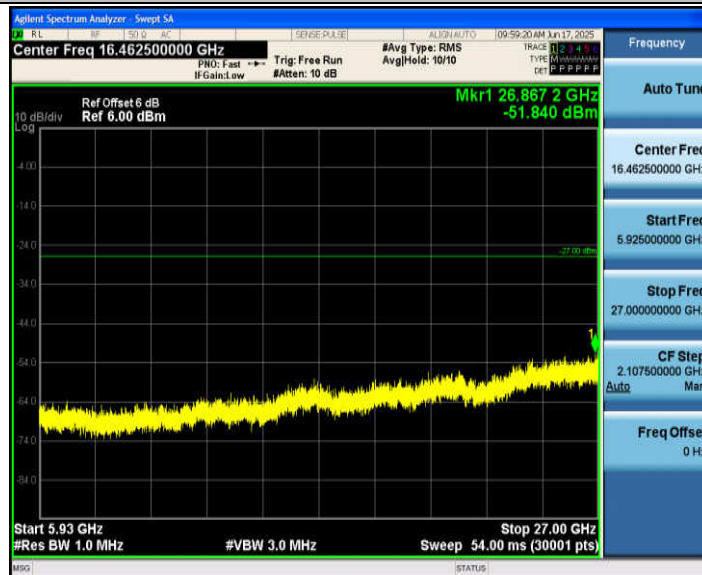
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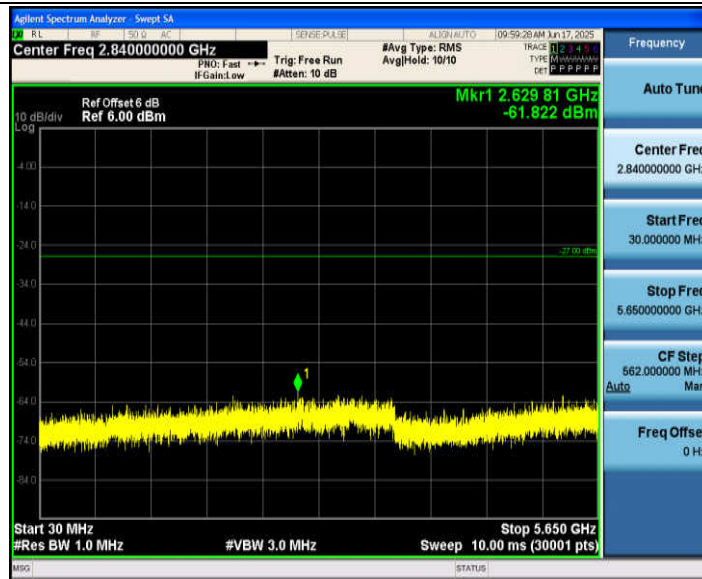
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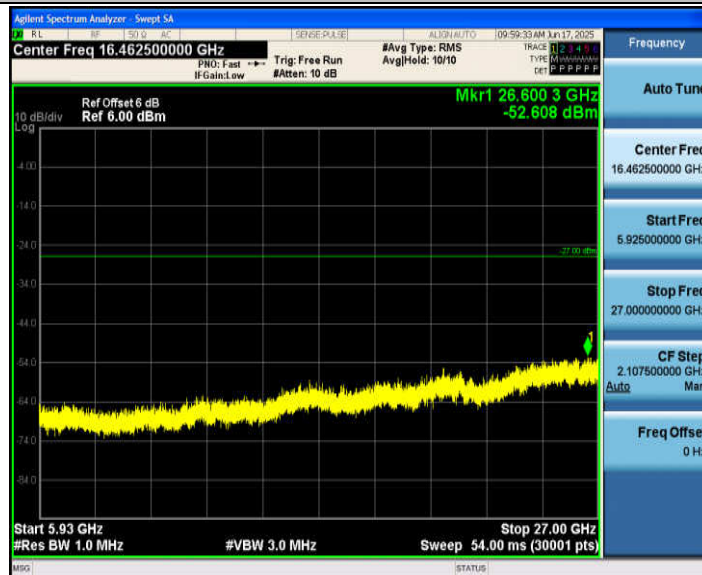
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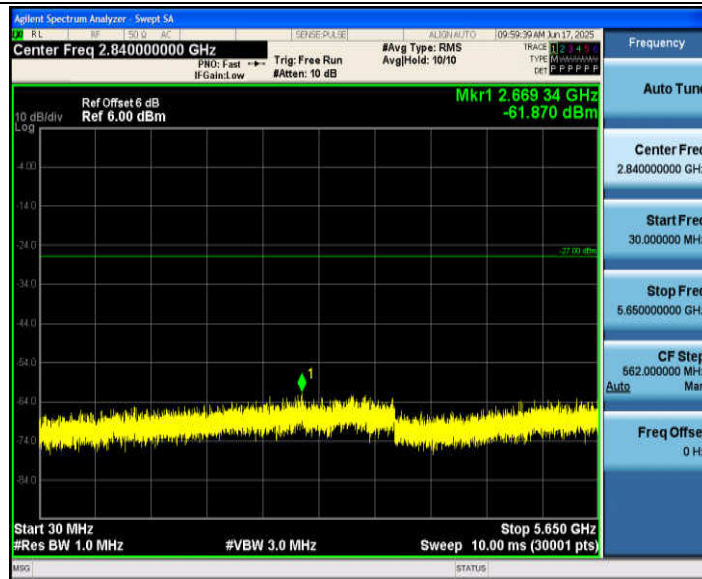
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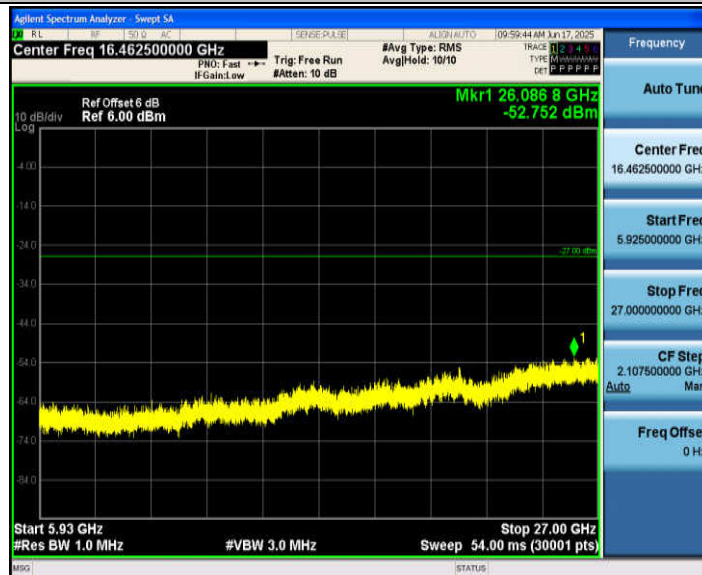
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