

## Appendix G.4: Maximum conducted output power

### Test Result Channel Power

| Test Mode  | Antenna | Frequency[MHz] | Channel Power [dBm] | Duty Cycle [%] | DC Factor [dBm] | Result [dBm] | Limit [dBm] | Verdict |
|------------|---------|----------------|---------------------|----------------|-----------------|--------------|-------------|---------|
| 11A        | Ant1    | 5745           | 10.50               | 68.81          | 1.62            | 12.12        | ≤30.00      | PASS    |
|            |         | 5785           | 11.17               | 67.15          | 1.73            | 12.90        | ≤30.00      | PASS    |
|            |         | 5825           | 11.45               | 68.81          | 1.62            | 13.07        | ≤30.00      | PASS    |
| 11N20SISO  | Ant1    | 5745           | 9.10                | 67.36          | 1.72            | 10.82        | ≤30.00      | PASS    |
|            |         | 5785           | 9.74                | 67.36          | 1.72            | 11.46        | ≤30.00      | PASS    |
|            |         | 5825           | 10.08               | 67.36          | 1.72            | 11.80        | ≤30.00      | PASS    |
| 11N40SISO  | Ant1    | 5755           | 6.93                | 50.78          | 2.94            | 9.87         | ≤30.00      | PASS    |
|            |         | 5795           | 7.45                | 50.78          | 2.94            | 10.39        | ≤30.00      | PASS    |
| 11AC20SISO | Ant1    | 5745           | 8.75                | 67.18          | 1.73            | 10.48        | ≤30.00      | PASS    |
|            |         | 5785           | 9.78                | 66.84          | 1.75            | 11.53        | ≤30.00      | PASS    |
|            |         | 5825           | 9.96                | 66.84          | 1.75            | 11.71        | ≤30.00      | PASS    |
| 11AC40SISO | Ant1    | 5755           | 7.17                | 50.39          | 2.98            | 10.15        | ≤30.00      | PASS    |
|            |         | 5795           | 7.46                | 50.78          | 2.94            | 10.40        | ≤30.00      | PASS    |
| 11AC80SISO | Ant1    | 5775           | 4.77                | 33.68          | 4.73            | 9.50         | ≤30.00      | PASS    |
| 11AX20SISO | Ant1    | 5745           | 9.71                | 66.16          | 1.79            | 11.50        | ≤30.00      | PASS    |
|            |         | 5785           | 10.31               | 66.84          | 1.75            | 12.06        | ≤30.00      | PASS    |
|            |         | 5825           | 10.46               | 67.18          | 1.73            | 12.19        | ≤30.00      | PASS    |
| 11AX40SISO | Ant1    | 5755           | 7.73                | 50.39          | 2.98            | 10.71        | ≤30.00      | PASS    |
|            |         | 5795           | 7.95                | 50.78          | 2.94            | 10.89        | ≤30.00      | PASS    |
| 11AX80SISO | Ant1    | 5775           | 5.04                | 33.68          | 4.73            | 9.77         | ≤30.00      | PASS    |

Note: The Duty Cycle Factor is compensated in the graph.

## Appendix G.5: Maximum power spectral density

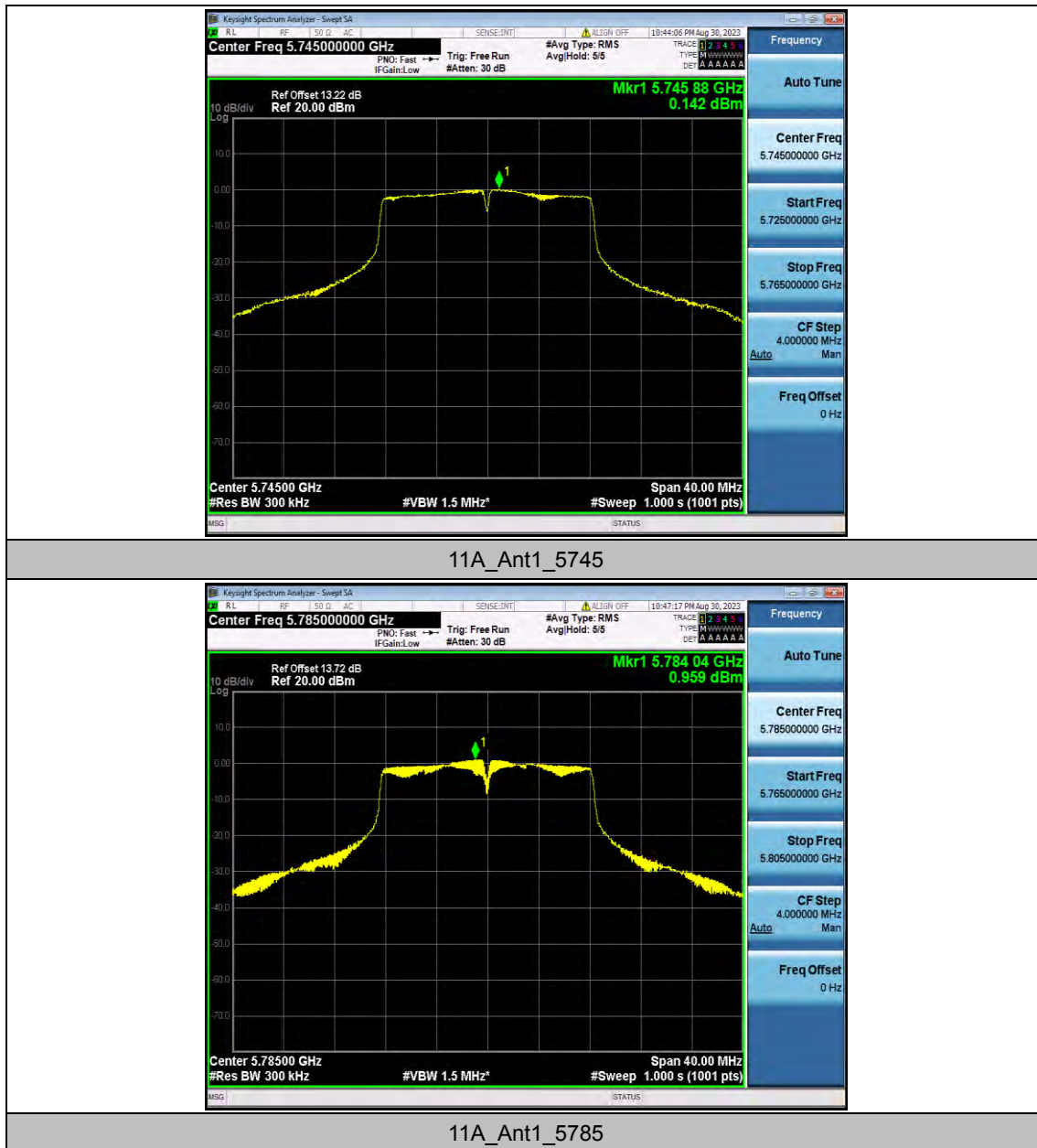
### Test Result

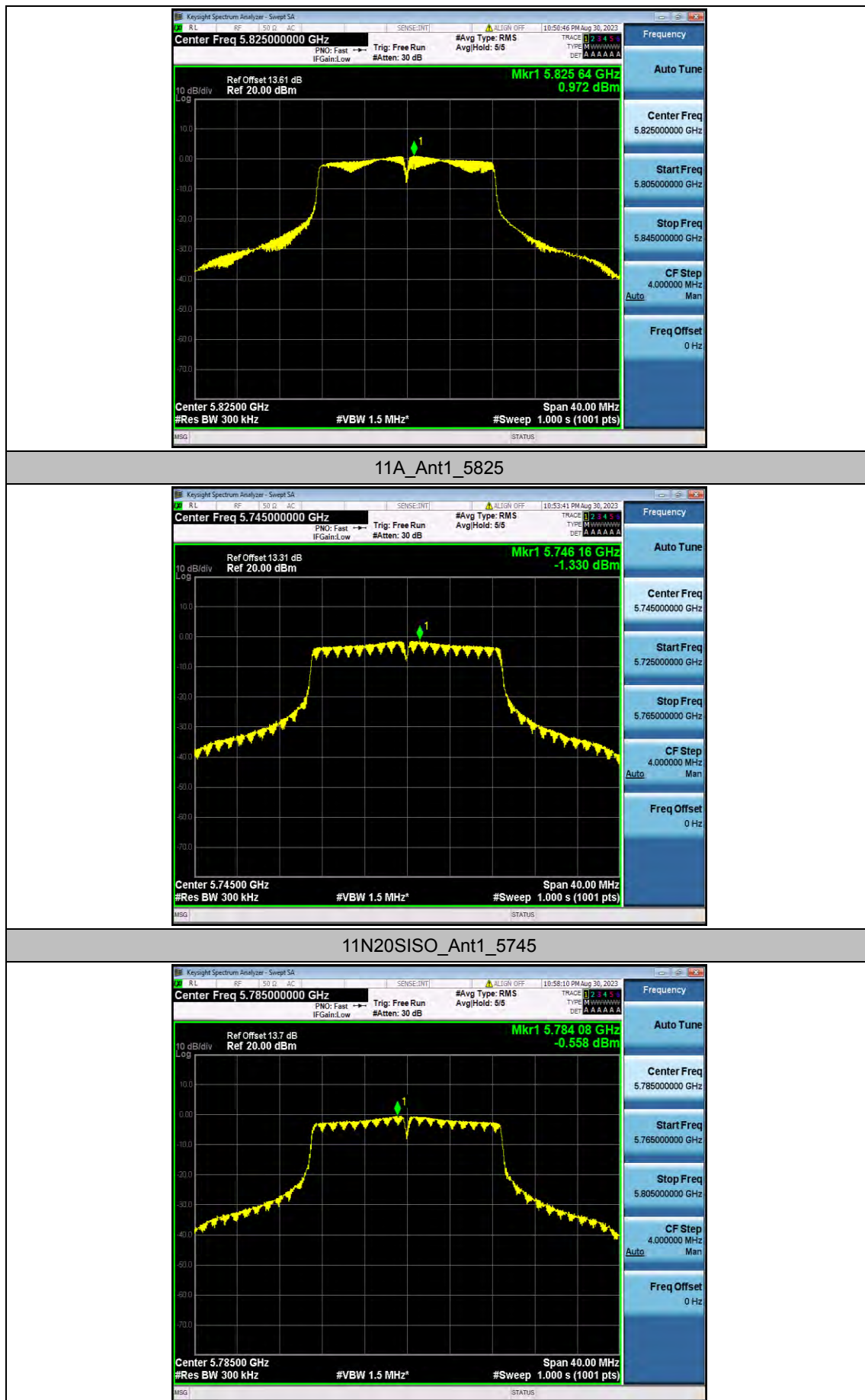
| Test Mode  | Antenna | Frequency[MHz] | Result [dBm/MHz] | Limit[dBm/MHz] | Verdict |
|------------|---------|----------------|------------------|----------------|---------|
| 11A        | Ant1    | 5745           | 0.14             | ≤30.00         | PASS    |
|            |         | 5785           | 0.96             | ≤30.00         | PASS    |
|            |         | 5825           | 0.97             | ≤30.00         | PASS    |
| 11N20SISO  | Ant1    | 5745           | -1.33            | ≤30.00         | PASS    |
|            |         | 5785           | -0.56            | ≤30.00         | PASS    |
|            |         | 5825           | -0.66            | ≤30.00         | PASS    |
| 11N40SISO  | Ant1    | 5755           | -4.86            | ≤30.00         | PASS    |
|            |         | 5795           | -4.56            | ≤30.00         | PASS    |
| 11AC20SISO | Ant1    | 5745           | -1.23            | ≤30.00         | PASS    |
|            |         | 5785           | -0.83            | ≤30.00         | PASS    |
|            |         | 5825           | -0.63            | ≤30.00         | PASS    |
| 11AC40SISO | Ant1    | 5755           | -4.5             | ≤30.00         | PASS    |
|            |         | 5795           | -4.49            | ≤30.00         | PASS    |
| 11AC80SISO | Ant1    | 5775           | -8.34            | ≤30.00         | PASS    |
| 11AX20SISO | Ant1    | 5745           | -0.59            | ≤30.00         | PASS    |
|            |         | 5785           | -0.28            | ≤30.00         | PASS    |
|            |         | 5825           | -0.24            | ≤30.00         | PASS    |
| 11AX40SISO | Ant1    | 5755           | -4.1             | ≤30.00         | PASS    |
|            |         | 5795           | -3.82            | ≤30.00         | PASS    |
| 11AX80SISO | Ant1    | 5775           | -7.74            | ≤30.00         | PASS    |

Note: 1.The Result and Limit Unit is dBm/500 kHz in the band 5.725–5.85 GHz.

2.The Duty Cycle Factor and RBW Factor is compensated in the graph.

## Test Graphs





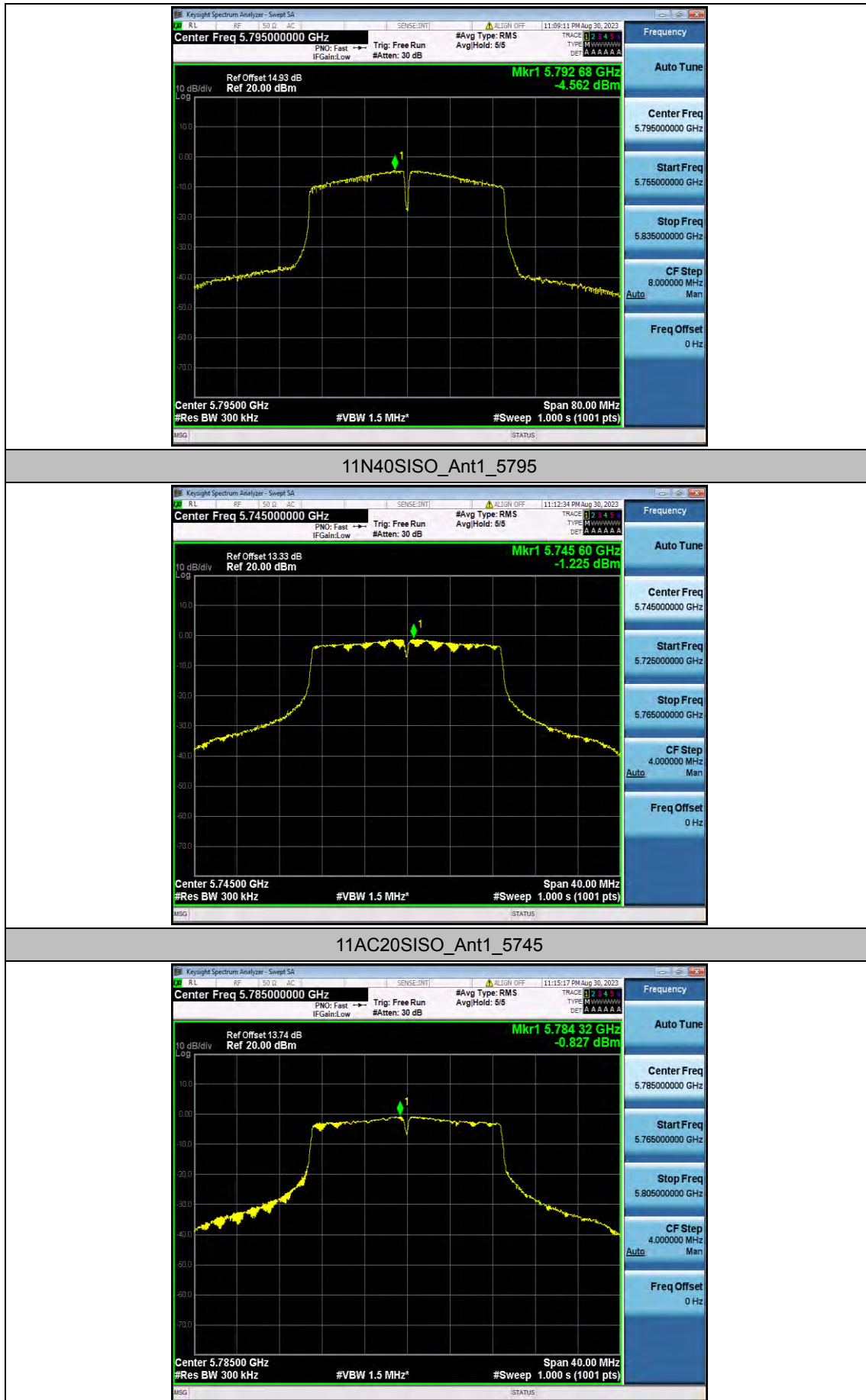
11N20SISO\_Ant1\_5785



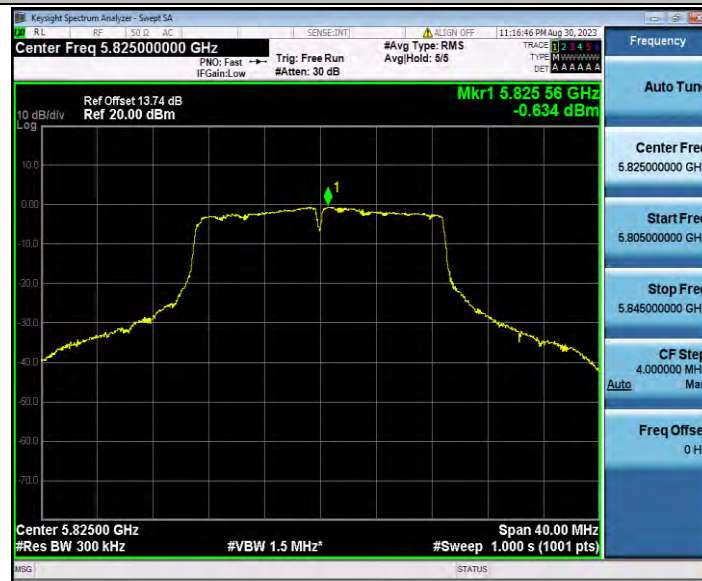
11N20SISO\_Ant1\_5825



11N40SISO\_Ant1\_5755



11AC20SISO\_Ant1\_5785



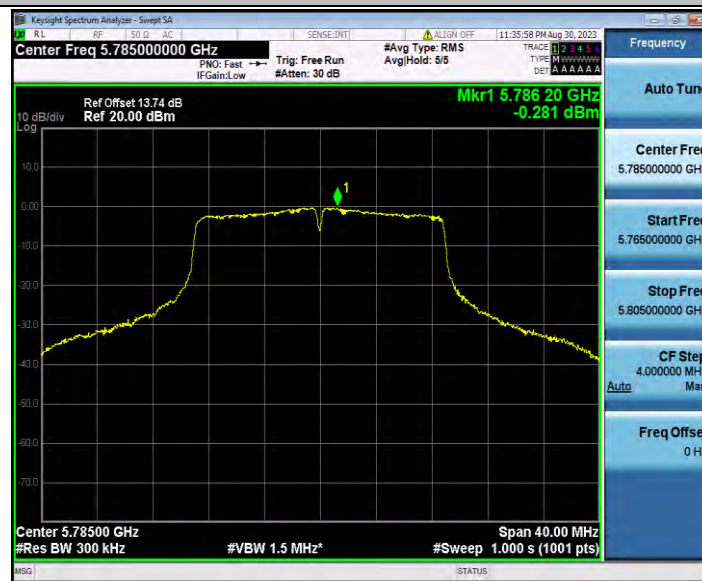
11AC20SISO\_Ant1\_5825



11AC40SISO\_Ant1\_5755



11AX20SISO\_Ant1\_5745



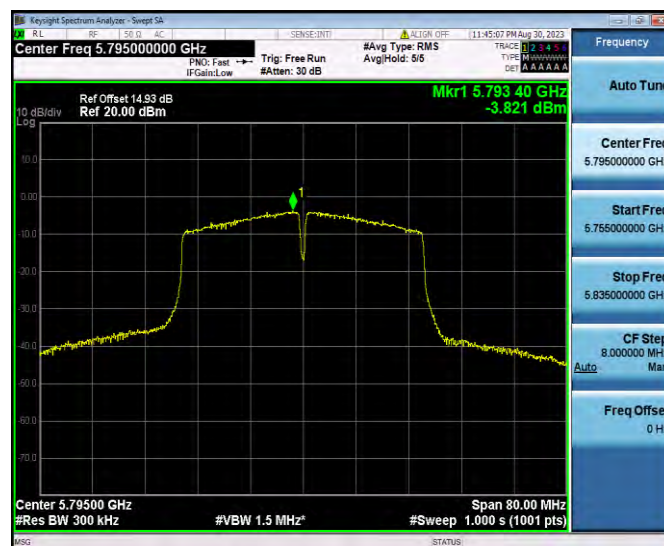
11AX20SISO\_Ant1\_5785



11AX20SISO\_Ant1\_5825



11AX40SISO\_Ant1\_5755



11AX40SISO\_Ant1\_5795



11AX80SISO\_Ant1\_5775

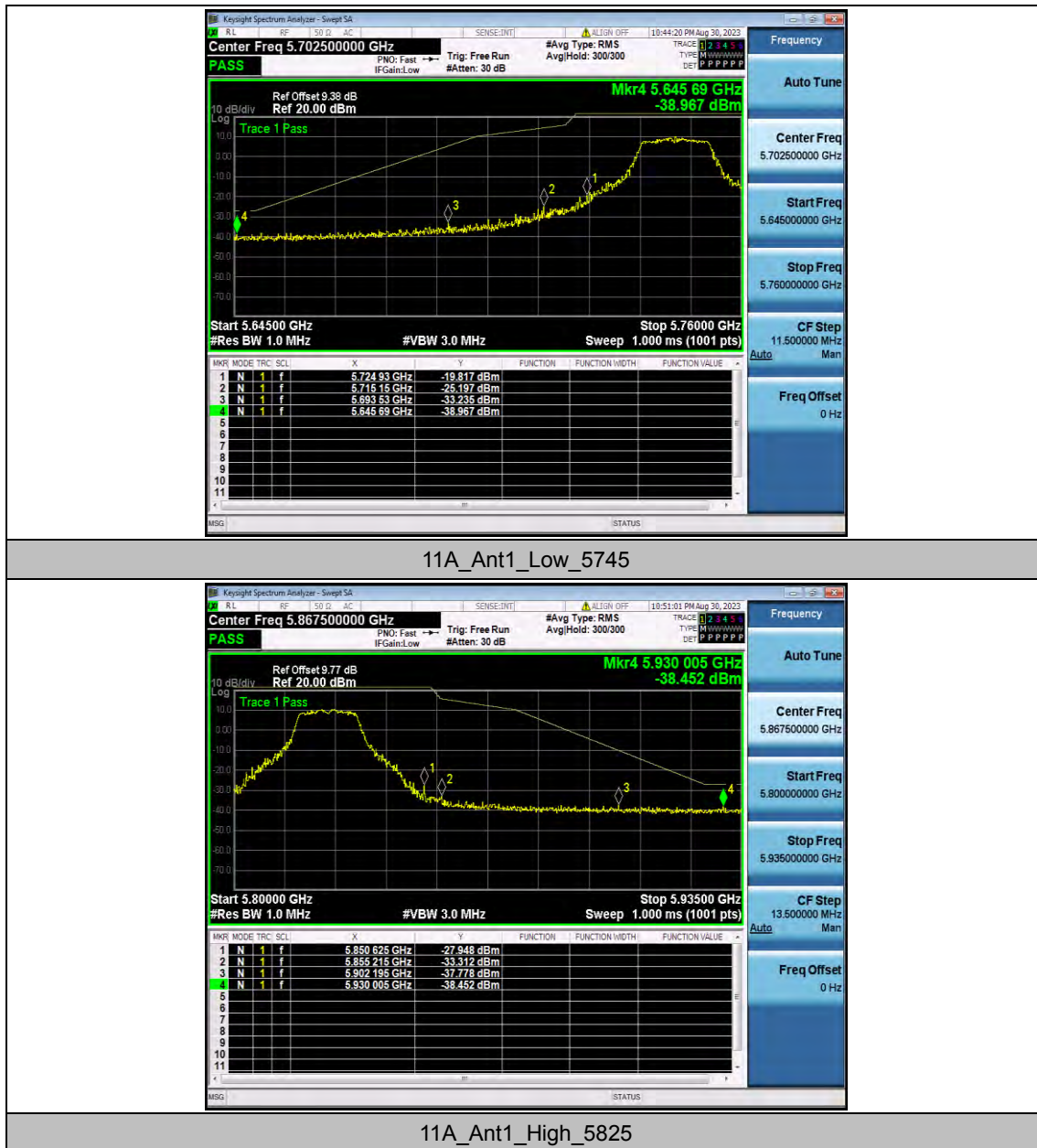
## Appendix G.6: Band edge measurements

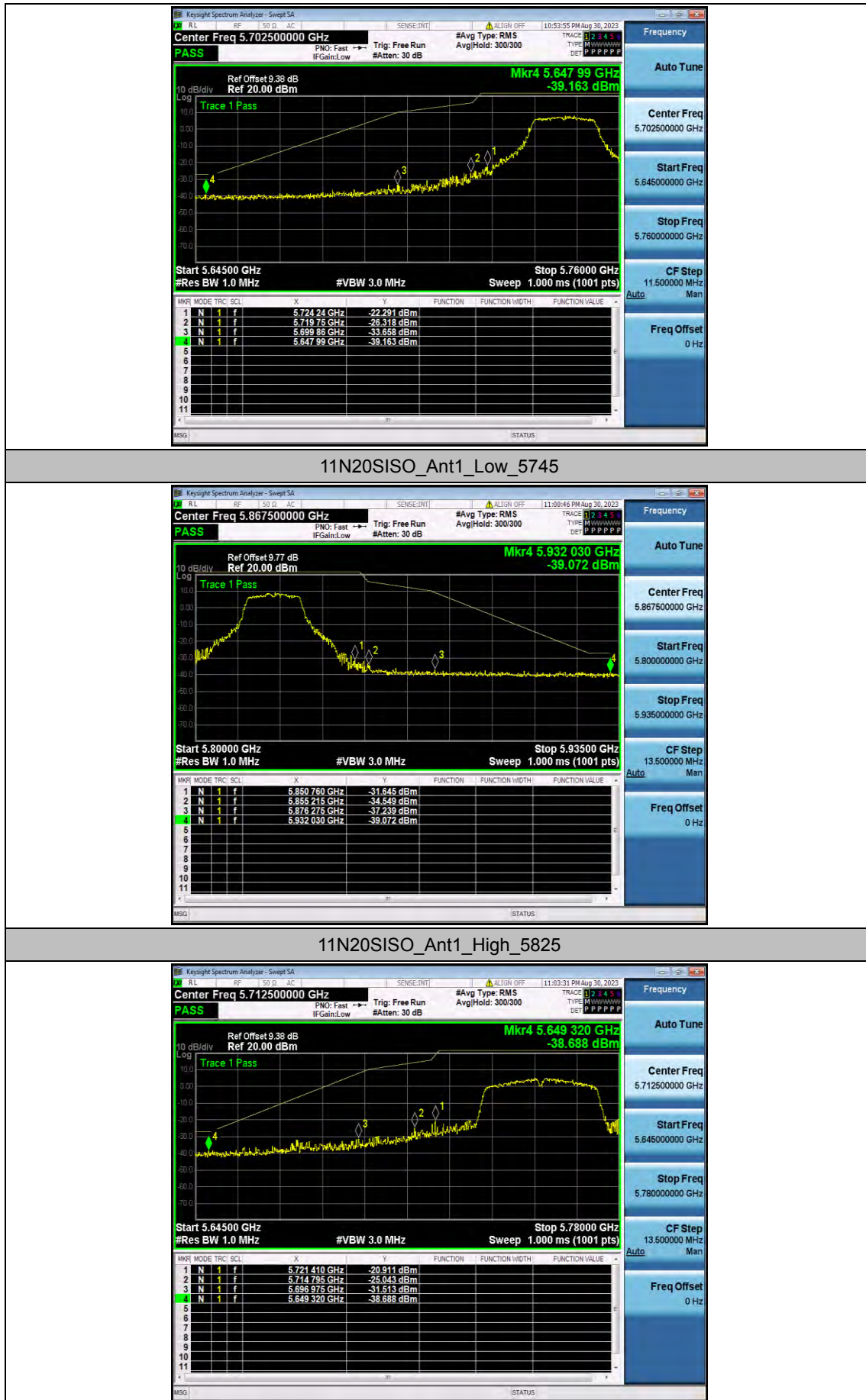
### Test Result B4

| TestMode   | Antenna | ChName | Frequency[MHz] | FreqRange [MHz] | Result [dBm] | Limit [dBm] | Verdict |
|------------|---------|--------|----------------|-----------------|--------------|-------------|---------|
| 11A        | Ant1    | Low    | 5745           | 5650~5700       | -33.24       | ≤5.21       | PASS    |
|            |         |        |                | 5700~5720       | -25.2        | ≤14.24      | PASS    |
|            |         |        |                | 5720~5725       | -19.82       | ≤26.83      | PASS    |
|            |         |        |                | 5760~5650       | -38.97       | ≤-27        | PASS    |
|            |         | High   | 5825           | 5850~5855       | -27.95       | ≤17.03      | PASS    |
|            |         |        |                | 5855~5875       | -33.31       | ≤10.06      | PASS    |
|            |         |        |                | 5875~5925       | -37.78       | ≤-6.88      | PASS    |
|            |         |        |                | 5925~5935       | -38.45       | ≤-27        | PASS    |
| 11N20SISO  | Ant1    | Low    | 5745           | 5650~5700       | -33.66       | ≤9.89       | PASS    |
|            |         |        |                | 5700~5720       | -26.32       | ≤15.53      | PASS    |
|            |         |        |                | 5720~5725       | -22.29       | ≤25.26      | PASS    |
|            |         |        |                | 5760~5650       | -39.16       | ≤-27        | PASS    |
|            |         | High   | 5825           | 5850~5855       | -31.65       | ≤17.33      | PASS    |
|            |         |        |                | 5855~5875       | -34.55       | ≤10.06      | PASS    |
|            |         |        |                | 5875~5925       | -37.24       | ≤-26.06     | PASS    |
|            |         |        |                | 5925~5935       | -39.07       | ≤-27        | PASS    |
| 11N40SISO  | Ant1    | Low    | 5755           | 5650~5700       | -31.51       | ≤7.76       | PASS    |
|            |         |        |                | 5700~5720       | -25.04       | ≤14.14      | PASS    |
|            |         |        |                | 5720~5725       | -20.91       | ≤18.81      | PASS    |
|            |         |        |                | 5780~5650       | -38.69       | ≤-27        | PASS    |
|            |         | High   | 5795           | 5850~5855       | -37.41       | ≤15.66      | PASS    |
|            |         |        |                | 5855~5875       | -38.1        | ≤14.66      | PASS    |
|            |         |        |                | 5875~5925       | -37.93       | ≤-9.34      | PASS    |
|            |         |        |                | 5925~5935       | -38.91       | ≤-27        | PASS    |
| 11AC20SISO | Ant1    | Low    | 5745           | 5650~5700       | -35.86       | ≤9.38       | PASS    |
|            |         |        |                | 5700~5720       | -27.36       | ≤15.43      | PASS    |
|            |         |        |                | 5720~5725       | -22.3        | ≤23.94      | PASS    |
|            |         |        |                | 5760~5650       | -39.47       | ≤-27        | PASS    |
|            |         | High   | 5825           | 5850~5855       | -32.3        | ≤17.64      | PASS    |
|            |         |        |                | 5855~5875       | -35.16       | ≤11.38      | PASS    |
|            |         |        |                | 5875~5925       | -37.18       | ≤-25.46     | PASS    |
|            |         |        |                | 5925~5935       | -38.88       | ≤-27        | PASS    |
| 11AC40SISO | Ant1    | Low    | 5755           | 5650~5700       | -31.06       | ≤9.16       | PASS    |
|            |         |        |                | 5700~5720       | -23.56       | ≤14.52      | PASS    |
|            |         |        |                | 5720~5725       | -24.42       | ≤26.20      | PASS    |

|                |      |      |      |           |        |               |      |
|----------------|------|------|------|-----------|--------|---------------|------|
|                |      | High | 5795 | 5780~5650 | -39.43 | $\leq -27$    | PASS |
|                |      |      |      | 5850~5855 | -38.35 | $\leq 26.57$  | PASS |
|                |      |      |      | 5855~5875 | -37.57 | $\leq 15.35$  | PASS |
|                |      |      |      | 5875~5925 | -38.82 | $\leq -10.93$ | PASS |
|                |      |      |      | 5925~5935 | -38.88 | $\leq -27$    | PASS |
| 11AC80SI<br>SO | Ant1 | Low  | 5775 | 5650~5700 | -27.59 | $\leq 7.15$   | PASS |
|                |      |      |      | 5700~5720 | -26.61 | $\leq 11.44$  | PASS |
|                |      |      |      | 5720~5725 | -25.04 | $\leq 18.83$  | PASS |
|                |      |      |      | 5800~5650 | -35.66 | $\leq -27$    | PASS |
|                |      | High | 5775 | 5850~5855 | -32.92 | $\leq 20.86$  | PASS |
|                |      |      |      | 5855~5875 | -33.31 | $\leq 13.86$  | PASS |
|                |      |      |      | 5875~5925 | -37.5  | $\leq -23.40$ | PASS |
|                |      |      |      | 5925~5935 | -39.64 | $\leq -27$    | PASS |
| 11AX20SI<br>SO | Ant1 | Low  | 5745 | 5650~5700 | -33.43 | $\leq 8.28$   | PASS |
|                |      |      |      | 5700~5720 | -25.11 | $\leq 15.08$  | PASS |
|                |      |      |      | 5720~5725 | -19.96 | $\leq 23.94$  | PASS |
|                |      |      |      | 5760~5650 | -39.74 | $\leq -27$    | PASS |
|                |      | High | 5825 | 5850~5855 | -34.2  | $\leq 19.80$  | PASS |
|                |      |      |      | 5855~5875 | -35.85 | $\leq 10.44$  | PASS |
|                |      |      |      | 5875~5925 | -37.19 | $\leq -14.97$ | PASS |
|                |      |      |      | 5925~5935 | -38.27 | $\leq -27$    | PASS |
| 11AX40SI<br>SO | Ant1 | Low  | 5755 | 5650~5700 | -31.01 | $\leq 8.86$   | PASS |
|                |      |      |      | 5700~5720 | -22.64 | $\leq 14.52$  | PASS |
|                |      |      |      | 5720~5725 | -22.3  | $\leq 25.59$  | PASS |
|                |      |      |      | 5780~5650 | -39.56 | $\leq -27$    | PASS |
|                |      | High | 5795 | 5850~5855 | -37.89 | $\leq 16.79$  | PASS |
|                |      |      |      | 5855~5875 | -37.39 | $\leq 12.72$  | PASS |
|                |      |      |      | 5875~5925 | -37.58 | $\leq -22.16$ | PASS |
|                |      |      |      | 5925~5935 | -38.17 | $\leq -27$    | PASS |
| 11AX80SI<br>SO | Ant1 | Low  | 5775 | 5650~5700 | -26.19 | $\leq 5.32$   | PASS |
|                |      |      |      | 5700~5720 | -24.74 | $\leq 12.87$  | PASS |
|                |      |      |      | 5720~5725 | -23.48 | $\leq 18.47$  | PASS |
|                |      |      |      | 5800~5650 | -36.47 | $\leq -27$    | PASS |
|                |      | High | 5775 | 5850~5855 | -32.61 | $\leq 22.54$  | PASS |
|                |      |      |      | 5855~5875 | -32.61 | $\leq 11.63$  | PASS |
|                |      |      |      | 5875~5925 | -35.69 | $\leq -26.68$ | PASS |
|                |      |      |      | 5925~5935 | -39.42 | $\leq -27$    | PASS |

## Test Graphs B4





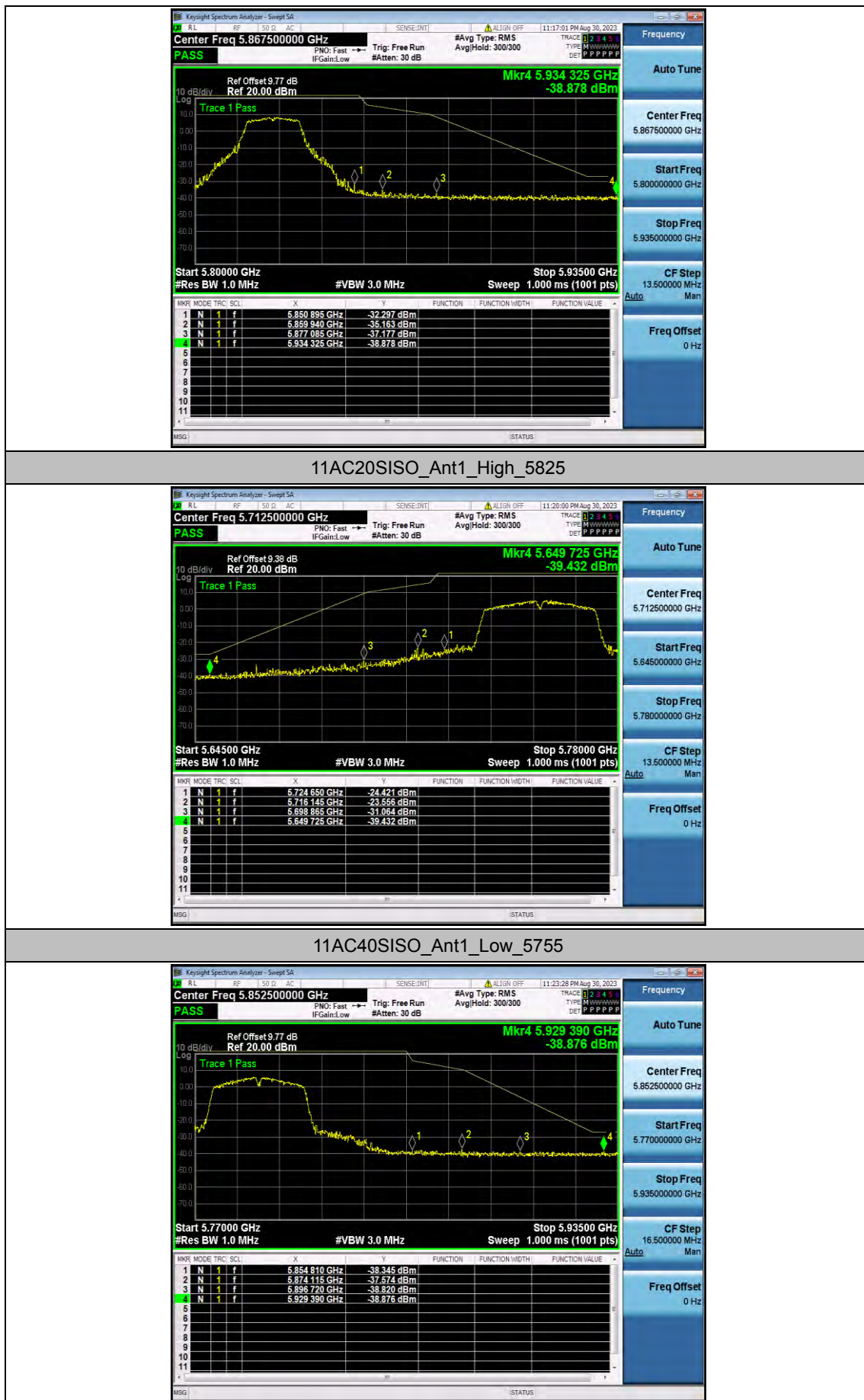
## 11N40SISO\_Ant1\_Low\_5755



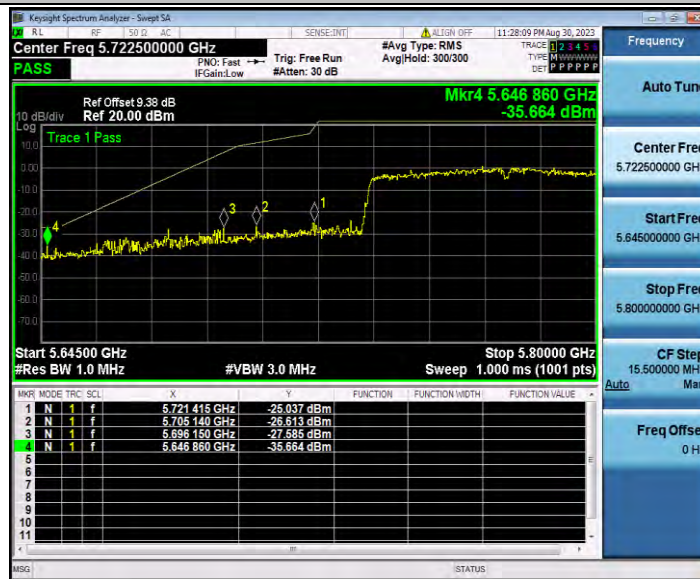
## 11N40SISO\_Ant1\_High\_5795



## 11AC20SISO\_Ant1\_Low\_5745



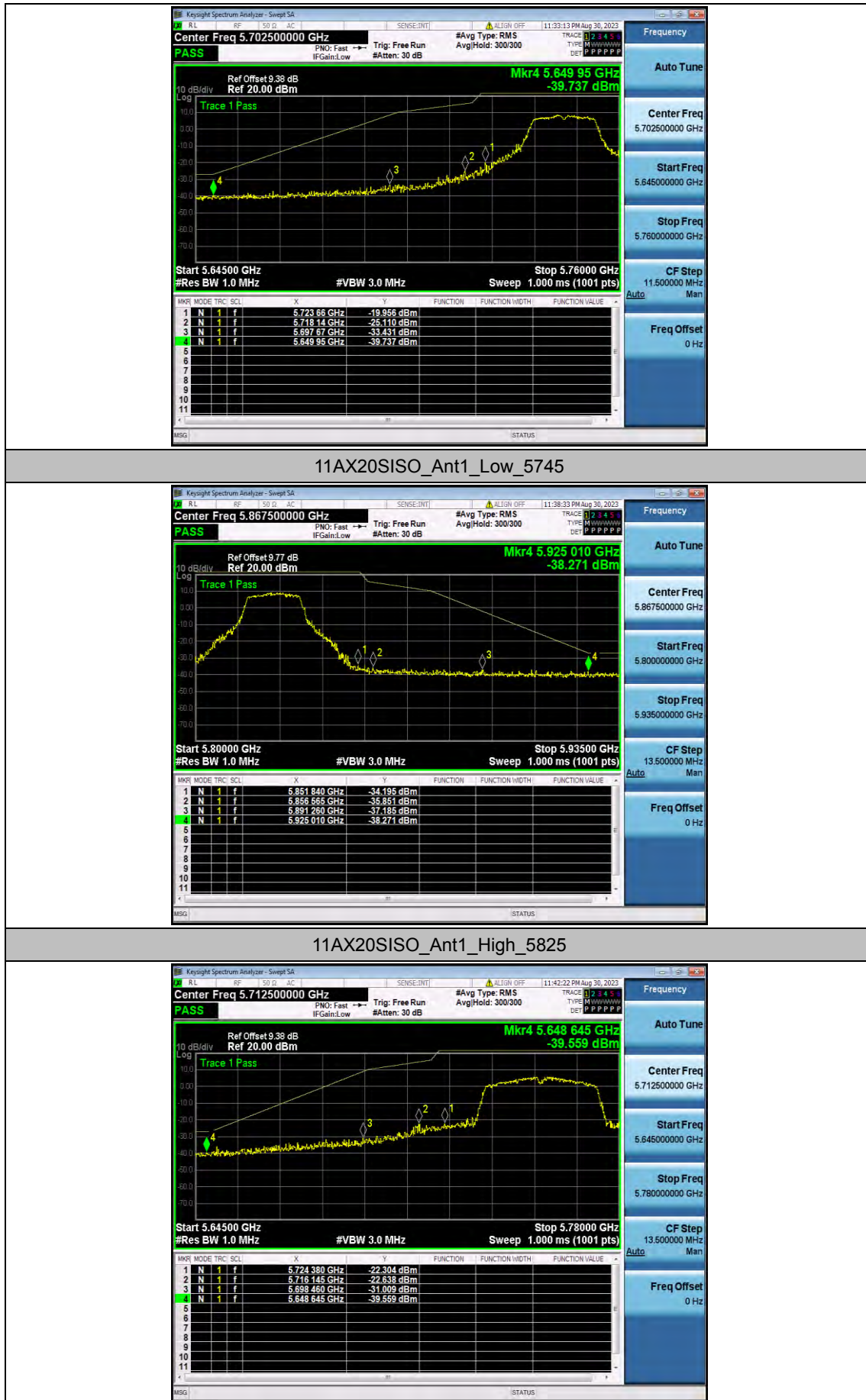
## 11AC40SISO\_Ant1\_High\_5795



## 11AC80SISO\_Ant1\_Low\_5775



## 11AC80SISO\_Ant1\_High\_5775



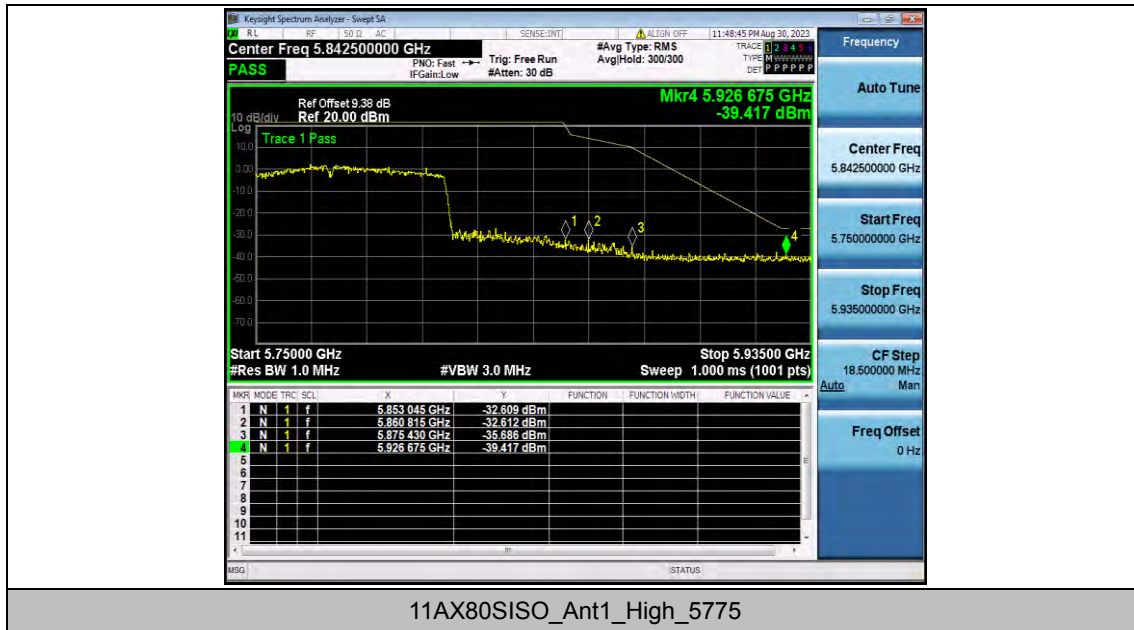
## 11AX40SISO\_Ant1\_Low\_5755



## 11AX40SISO\_Ant1\_High\_5795



## 11AX80SISO\_Ant1\_Low\_5775



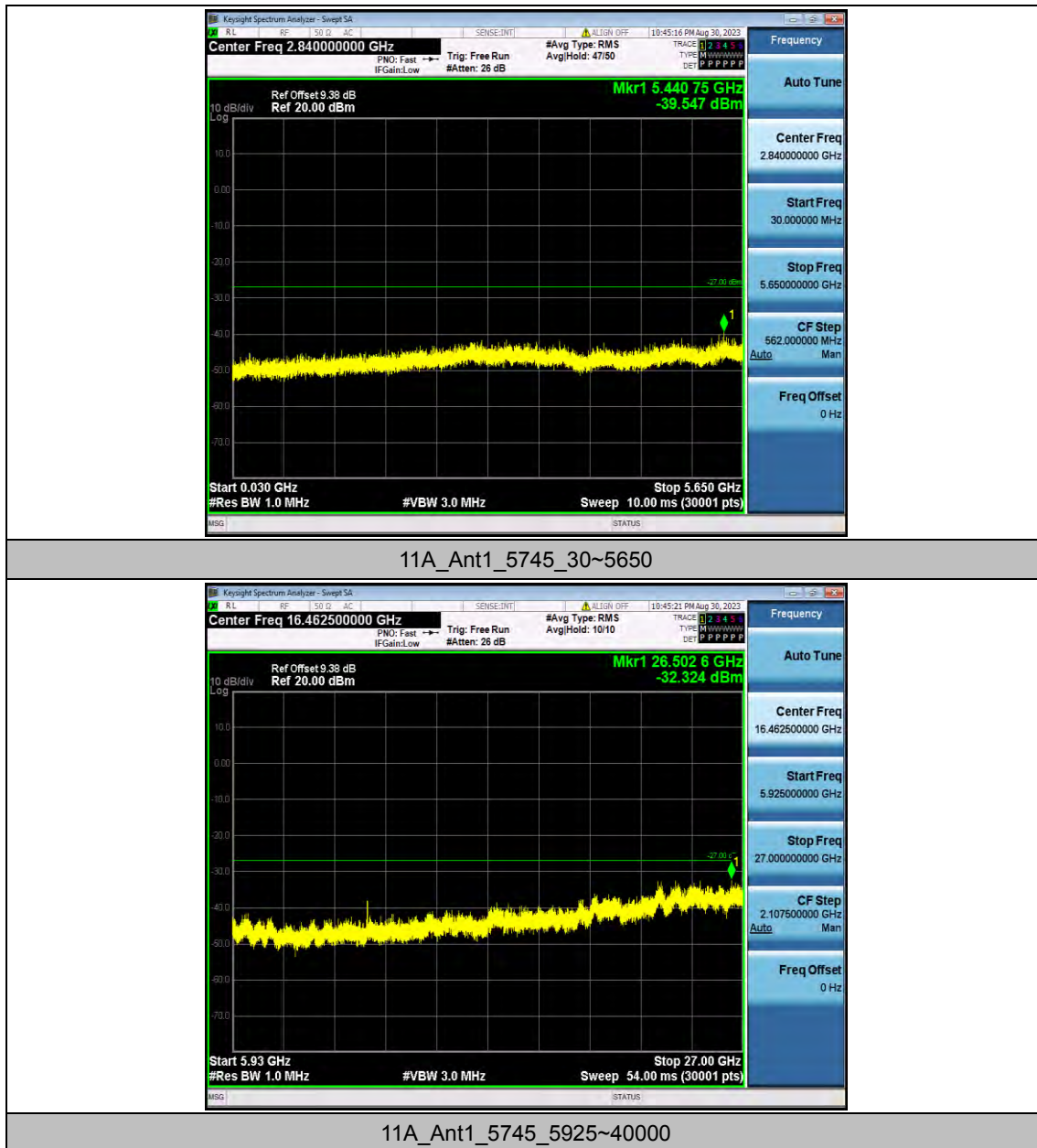
## Appendix G.7: Conducted Spurious Emission

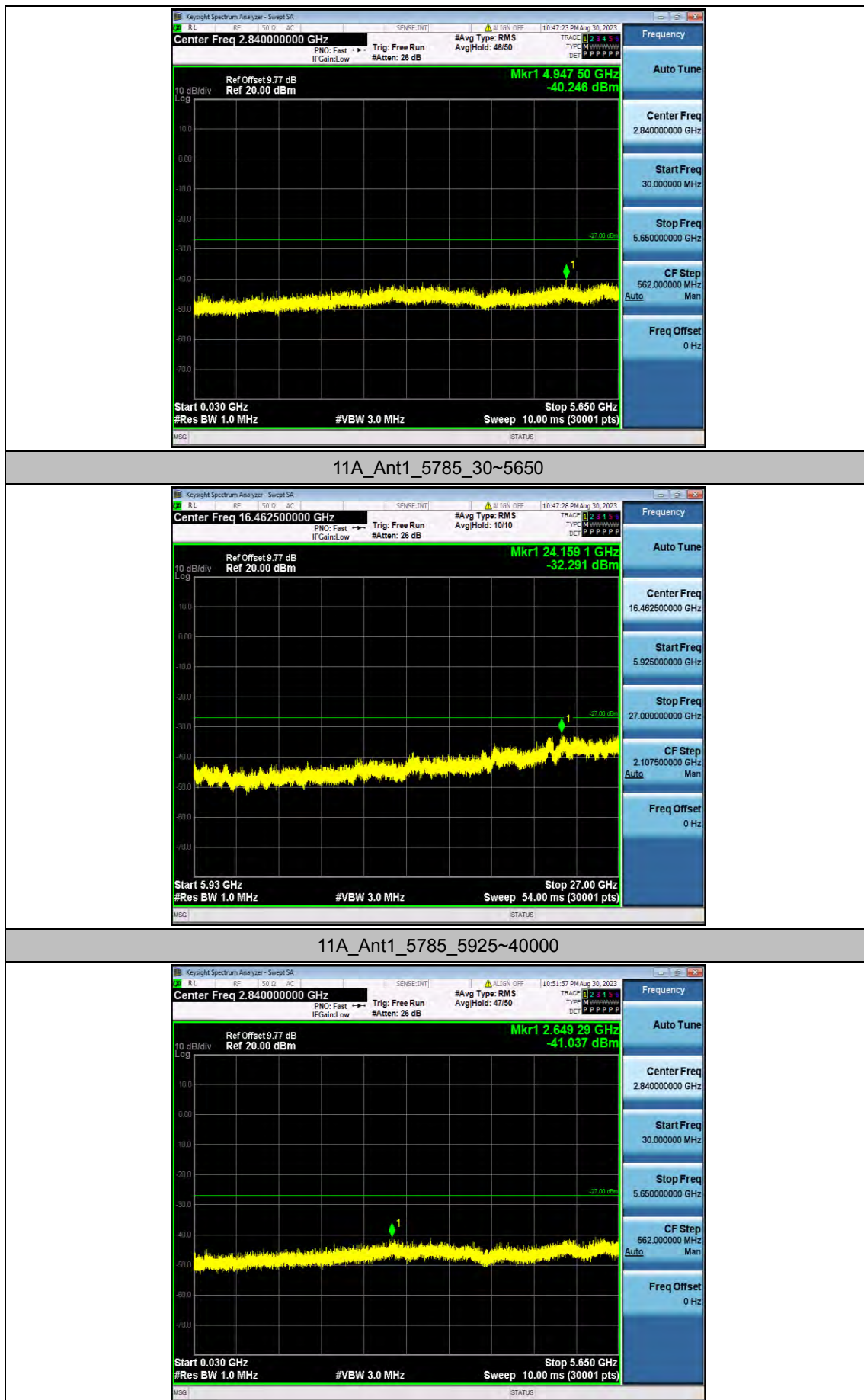
### Test Result

| Test Mode  | Antenna | Frequency[MHz] | FreqRange [MHz] | Max. Fre [MHz] | Max. Level [dBm] | Limit [dBm] | Verdict |
|------------|---------|----------------|-----------------|----------------|------------------|-------------|---------|
| 11A        | Ant1    | 5745           | 30~5650         | 5440.75        | -39.55           | ≤-27        | PASS    |
|            |         |                | 5925~40000      | 26502.63       | -32.32           | ≤-27        | PASS    |
|            |         | 5785           | 30~5650         | 4947.5         | -40.25           | ≤-27        | PASS    |
|            |         |                | 5925~40000      | 24159.09       | -32.29           | ≤-27        | PASS    |
|            |         | 5825           | 30~5650         | 2649.29        | -41.04           | ≤-27        | PASS    |
|            |         |                | 5925~40000      | 24903.04       | -32.29           | ≤-27        | PASS    |
| 11N20SISO  | Ant1    | 5745           | 30~5650         | 5425.57        | -40.37           | ≤-27        | PASS    |
|            |         |                | 5925~40000      | 26118.36       | -32.26           | ≤-27        | PASS    |
|            |         | 5785           | 30~5650         | 5491.14        | -40.25           | ≤-27        | PASS    |
|            |         |                | 5925~40000      | 26578.5        | -32.12           | ≤-27        | PASS    |
|            |         | 5825           | 30~5650         | 4958.74        | -40.85           | ≤-27        | PASS    |
|            |         |                | 5925~40000      | 24260.25       | -31.54           | ≤-27        | PASS    |
| 11N40SISO  | Ant1    | 5755           | 30~5650         | 5446.18        | -39.6            | ≤-27        | PASS    |
|            |         |                | 5925~40000      | 24765.35       | -32.77           | ≤-27        | PASS    |
|            |         | 5795           | 30~5650         | 5636.32        | -40.49           | ≤-27        | PASS    |
|            |         |                | 5925~40000      | 24312.94       | -31.98           | ≤-27        | PASS    |
| 11AC20SISO | Ant1    | 5745           | 30~5650         | 5414.33        | -40.11           | ≤-27        | PASS    |
|            |         |                | 5925~40000      | 24249.01       | -32.63           | ≤-27        | PASS    |
|            |         | 5785           | 30~5650         | 5476.9         | -39.89           | ≤-27        | PASS    |
|            |         |                | 5925~40000      | 24962.75       | -31.66           | ≤-27        | PASS    |
|            |         | 5825           | 30~5650         | 5463.98        | -39.99           | ≤-27        | PASS    |
|            |         |                | 5925~40000      | 25675.09       | -32.55           | ≤-27        | PASS    |
| 11AC40SISO | Ant1    | 5755           | 30~5650         | 5465.48        | -40.09           | ≤-27        | PASS    |
|            |         |                | 5925~40000      | 25270.45       | -32.44           | ≤-27        | PASS    |
|            |         | 5795           | 30~5650         | 5444.31        | -40.34           | ≤-27        | PASS    |
|            |         |                | 5925~40000      | 24185.79       | -31.72           | ≤-27        | PASS    |
| 11AC80SISO | Ant1    | 5775           | 30~5650         | 5638.01        | -40.66           | ≤-27        | PASS    |
|            |         |                | 5925~40000      | 23566.88       | -32.44           | ≤-27        | PASS    |
| 11AX20SISO | Ant1    | 5745           | 30~5650         | 5439.25        | -41.1            | ≤-27        | PASS    |
|            |         |                | 5925~40000      | 24137.31       | -32.89           | ≤-27        | PASS    |
|            |         | 5785           | 30~5650         | 5386.8         | -39.82           | ≤-27        | PASS    |
|            |         |                | 5925~40000      | 24896.72       | -32.36           | ≤-27        | PASS    |
|            |         | 5825           | 30~5650         | 4976.16        | -40.37           | ≤-27        | PASS    |
|            |         |                | 5925~40000      | 24301.7        | -31.99           | ≤-27        | PASS    |
| 11AX40SISO | Ant1    | 5755           | 30~5650         | 5644.38        | -38.71           | ≤-27        | PASS    |
|            |         |                | 5925~40000      | 24258.14       | -32.79           | ≤-27        | PASS    |

|            |      |      |            |          |        |      |      |
|------------|------|------|------------|----------|--------|------|------|
|            |      | 5795 | 30~5650    | 5474.84  | -39.67 | ≤-27 | PASS |
|            |      |      | 5925~40000 | 24230.04 | -32.09 | ≤-27 | PASS |
| 11AX80SISO | Ant1 | 5775 | 30~5650    | 5631.27  | -36.76 | ≤-27 | PASS |
|            |      |      | 5925~40000 | 24222.32 | -32.55 | ≤-27 | PASS |

## Test Graphs





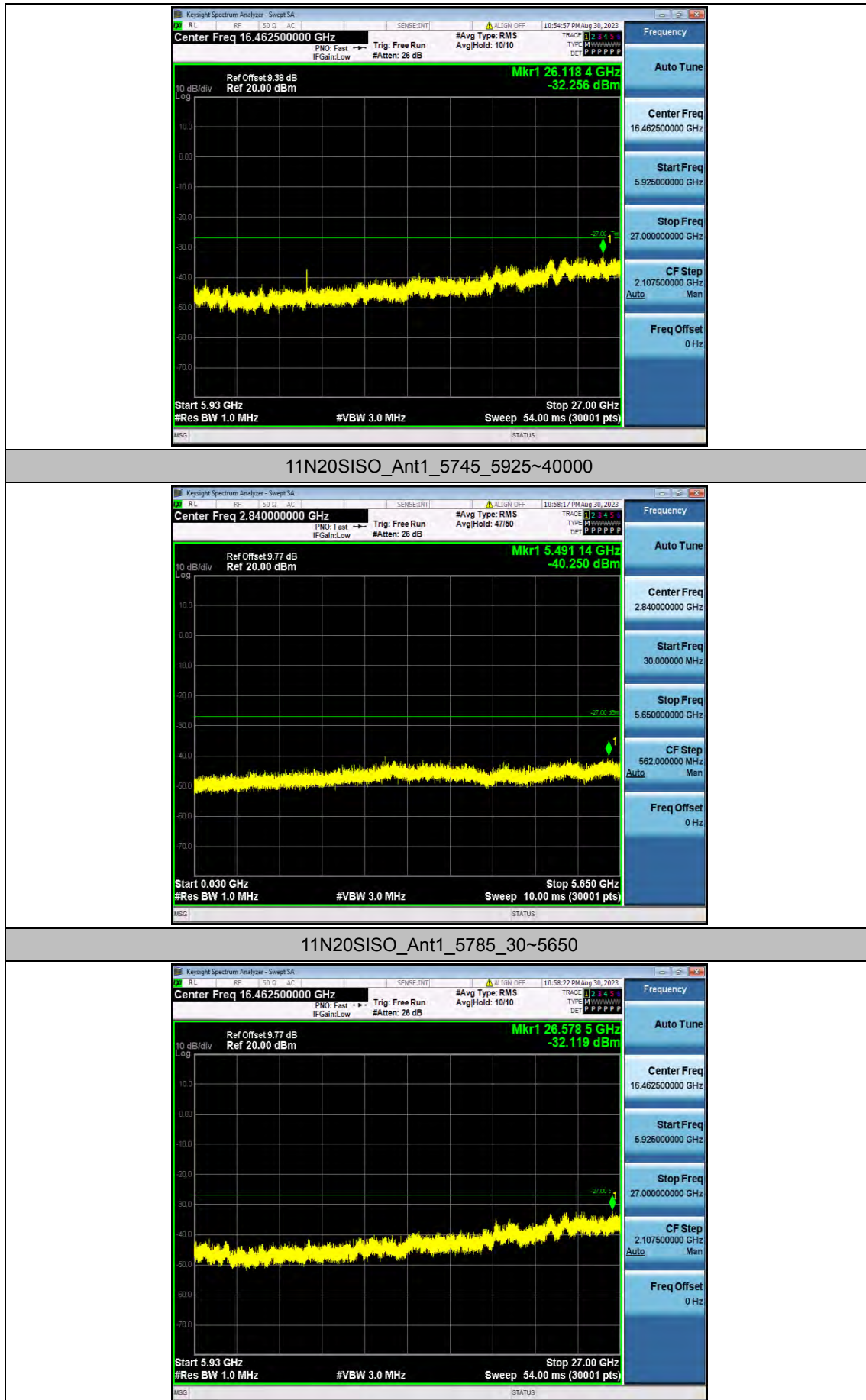
## 11A\_Ant1\_5825\_30~5650



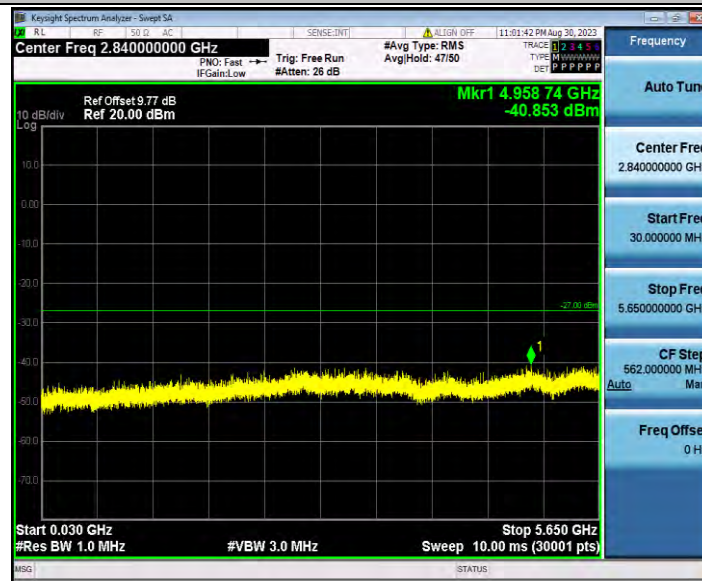
## 11A\_Ant1\_5825\_5925~40000



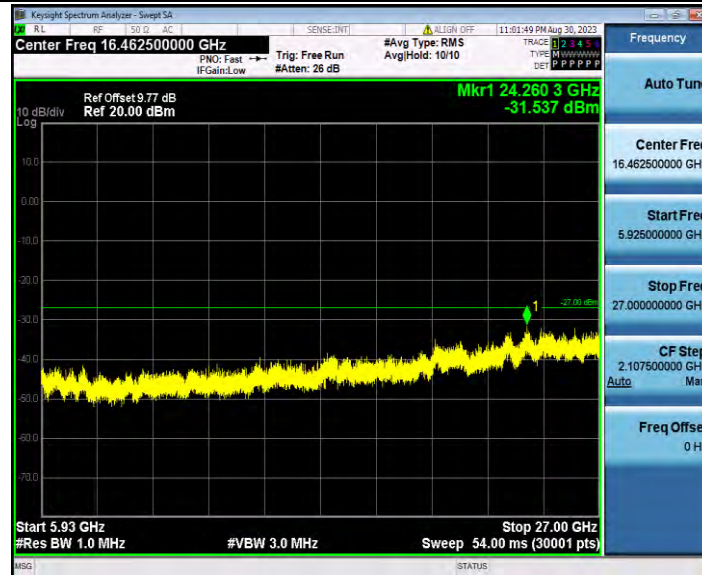
## 11N20SISO\_Ant1\_5745\_30~5650



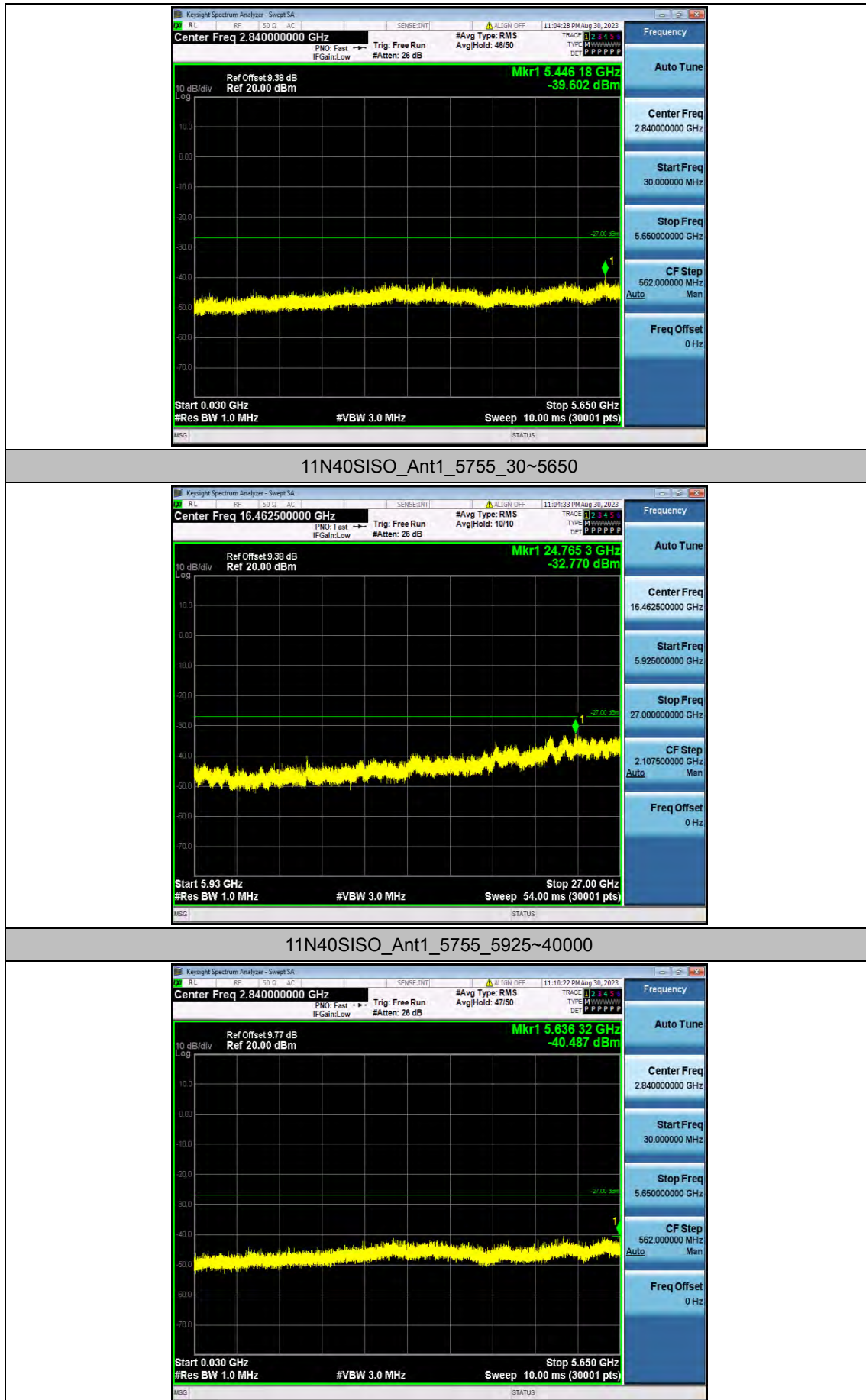
## 11N20SISO\_Ant1\_5785\_5925~40000



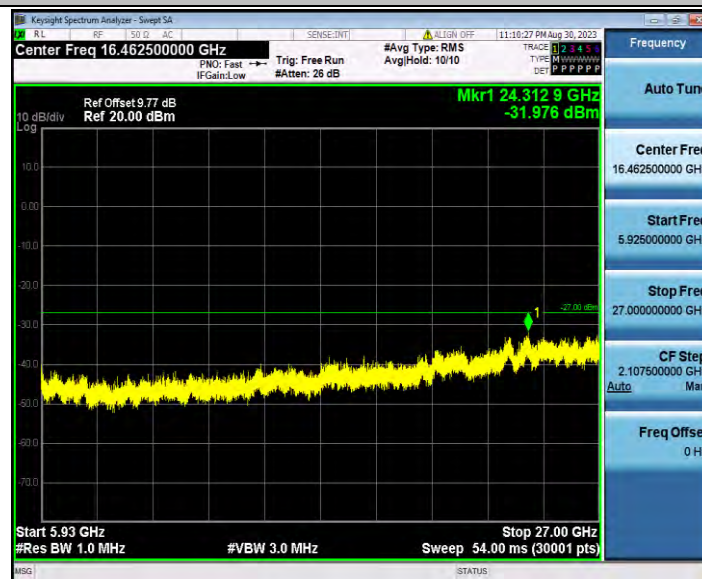
## 11N20SISO\_Ant1\_5825\_30~5650



## 11N20SISO\_Ant1\_5825\_5925~40000



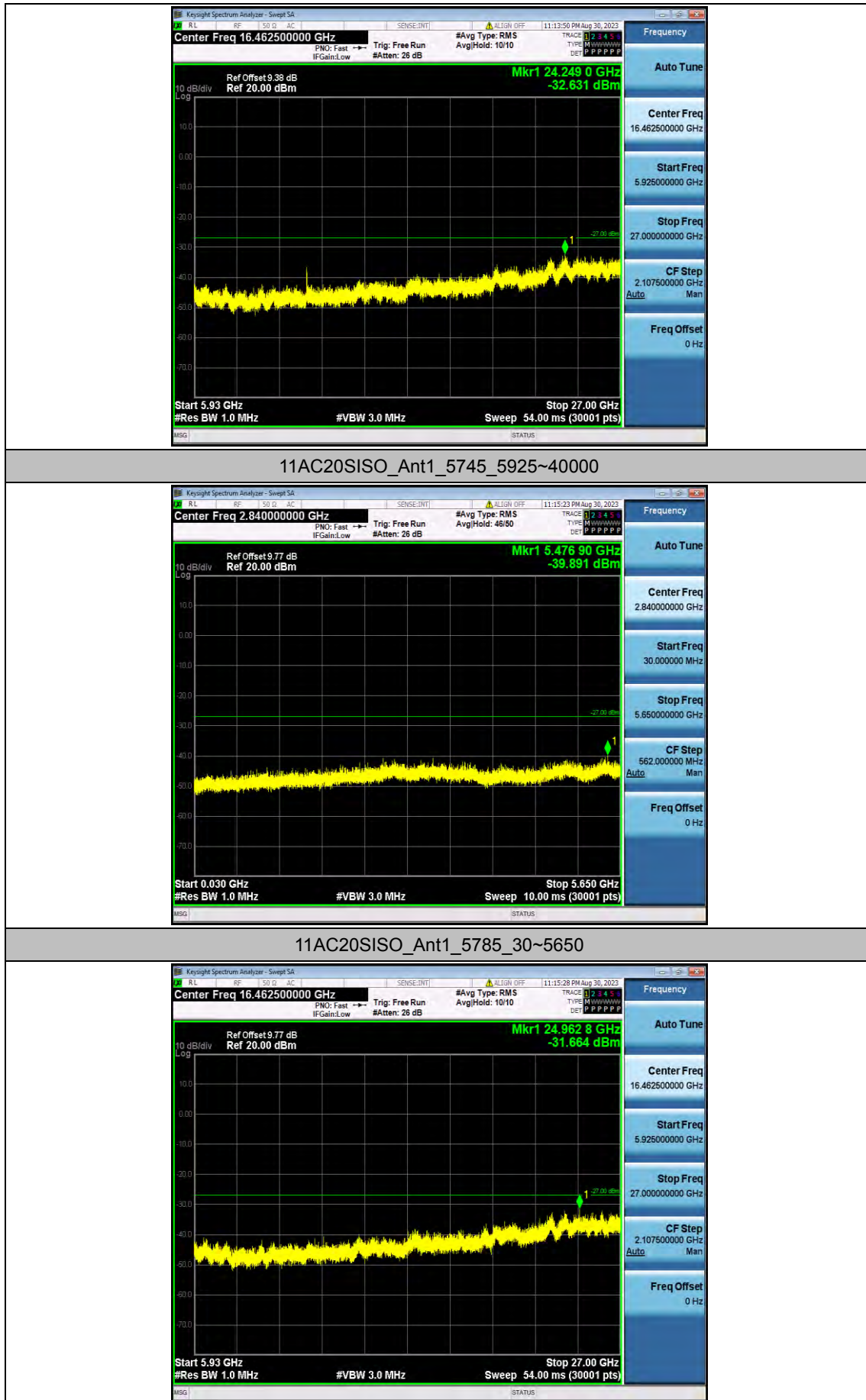
## 11N40SISO\_Ant1\_5795\_30~5650



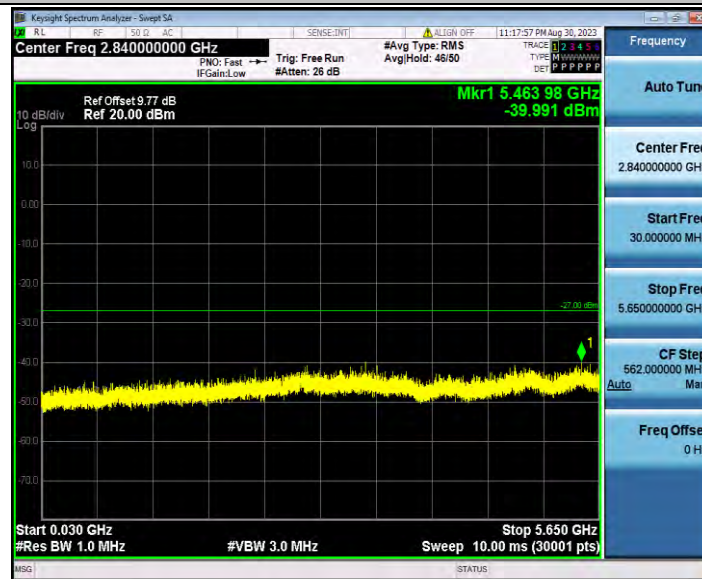
## 11N40SISO\_Ant1\_5795\_5925~40000



## 11AC20SISO\_Ant1\_5745\_30~5650



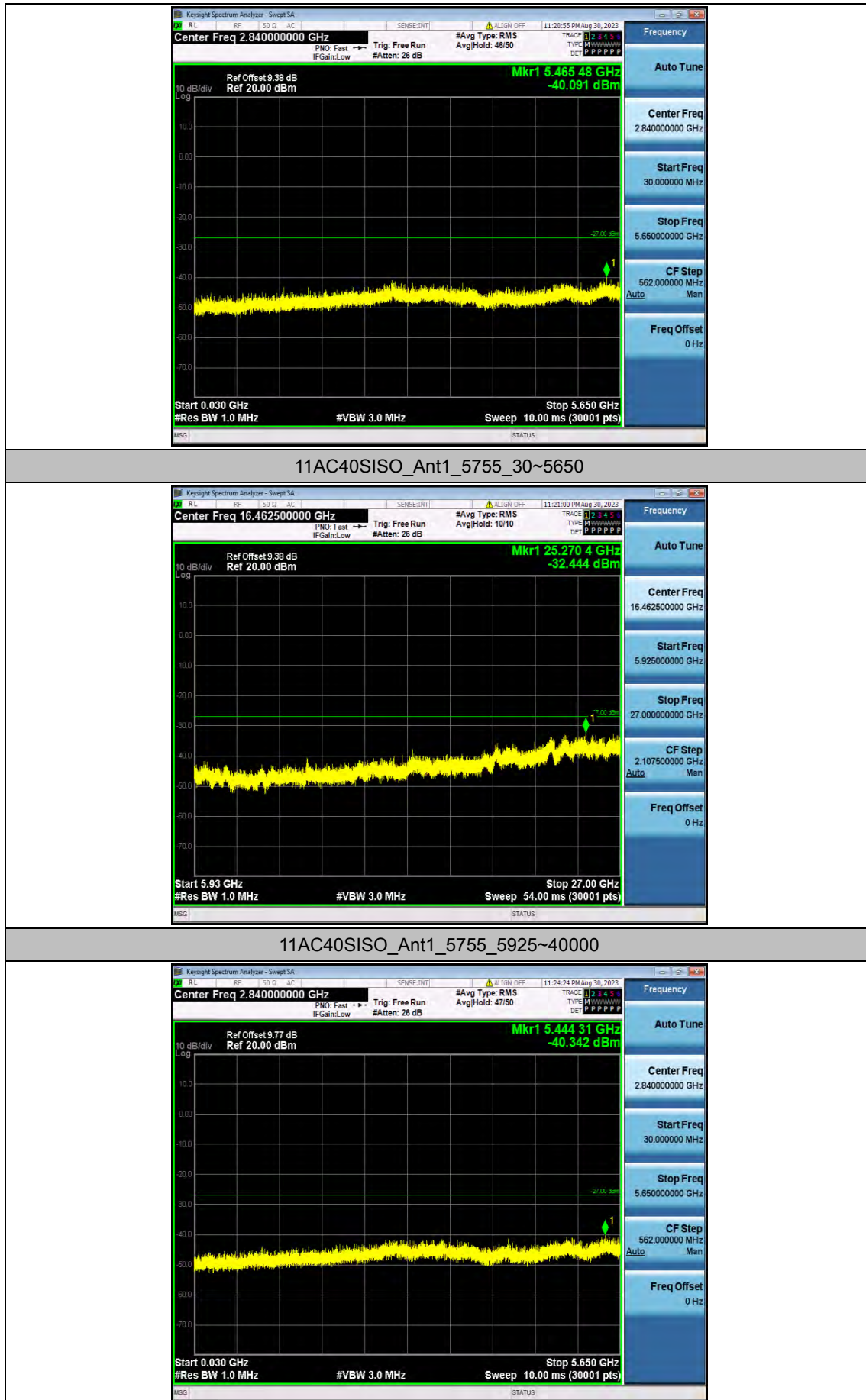
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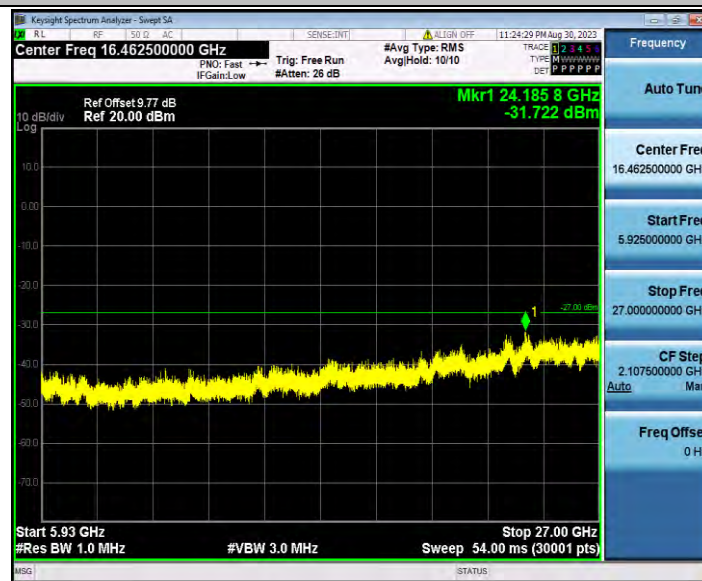
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## 11AC20SISO\_Ant1\_5825\_5925~40000



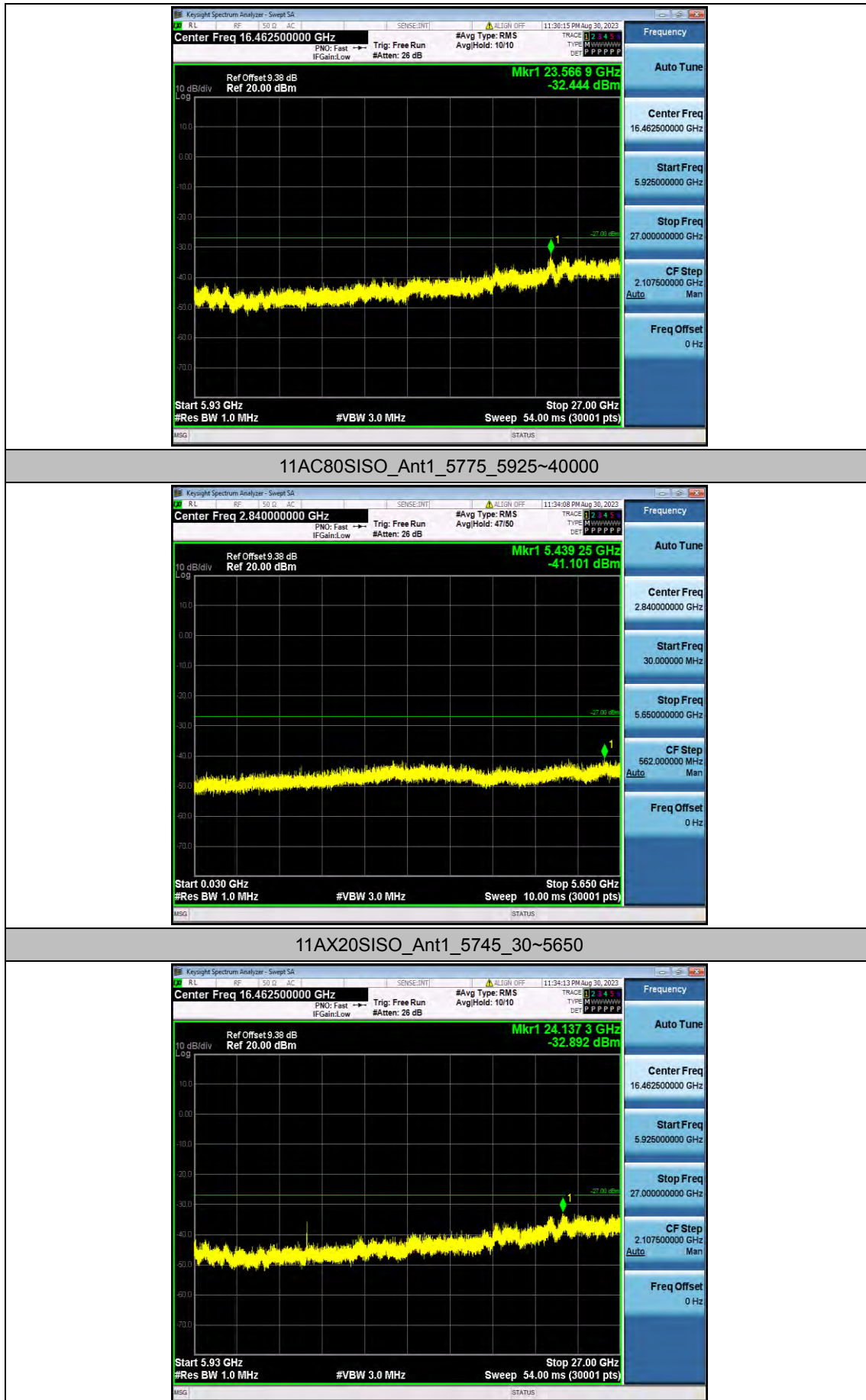
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## 11AC40SISO\_Ant1\_5795\_5925~40000



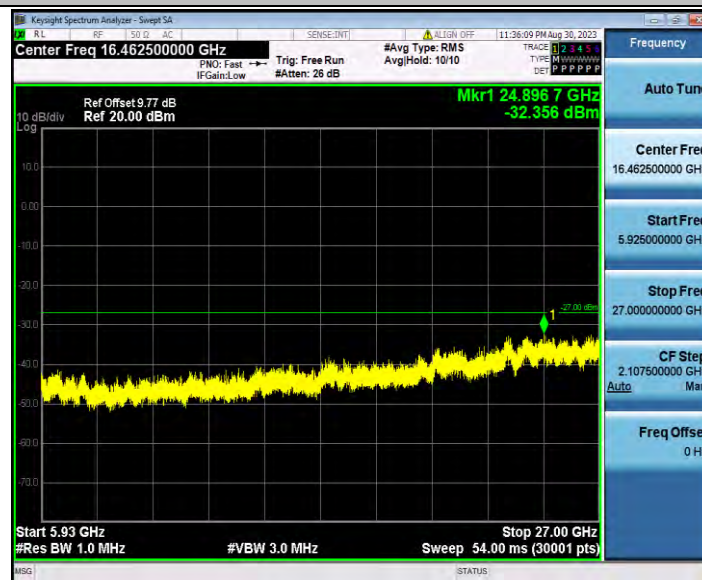
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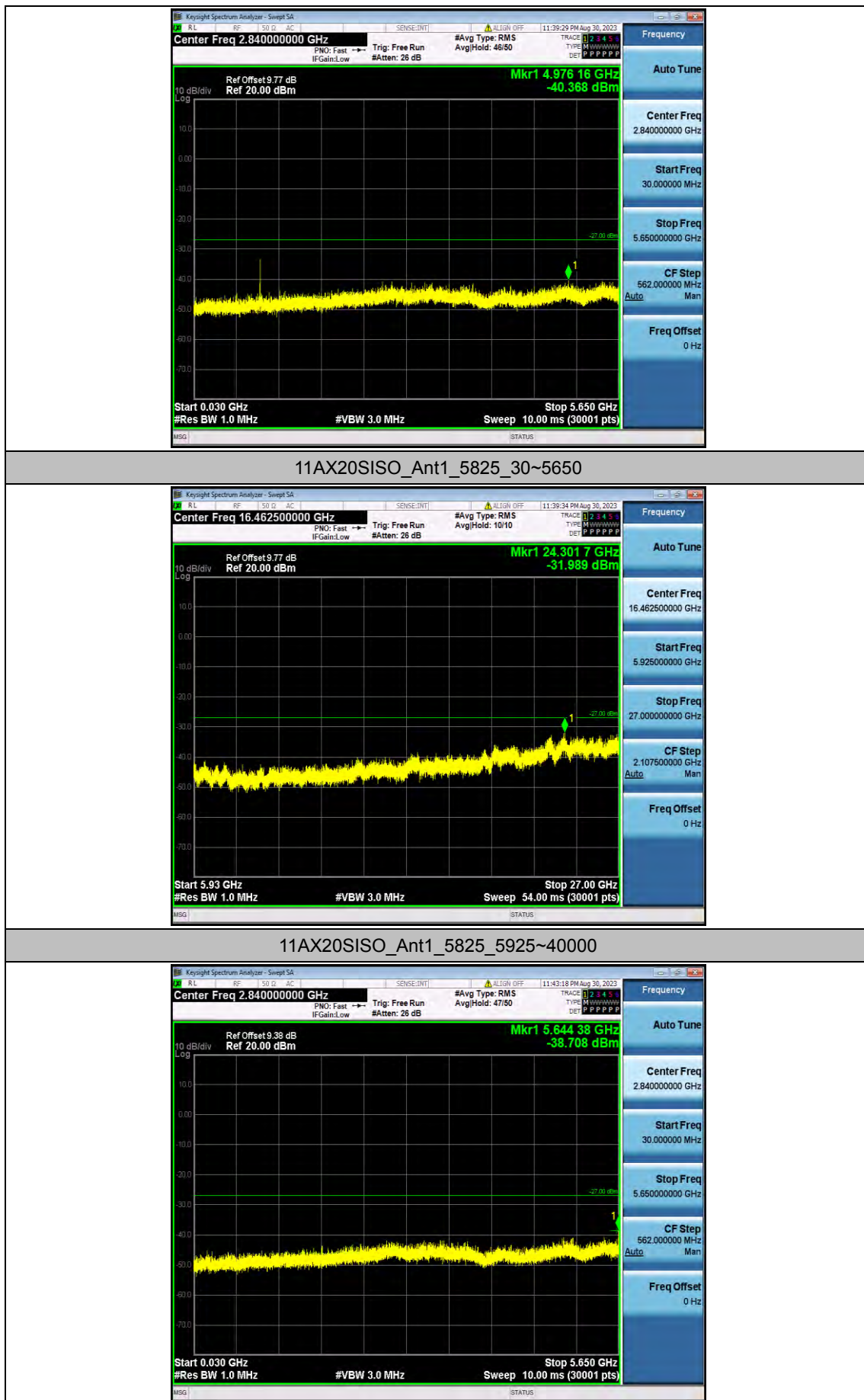
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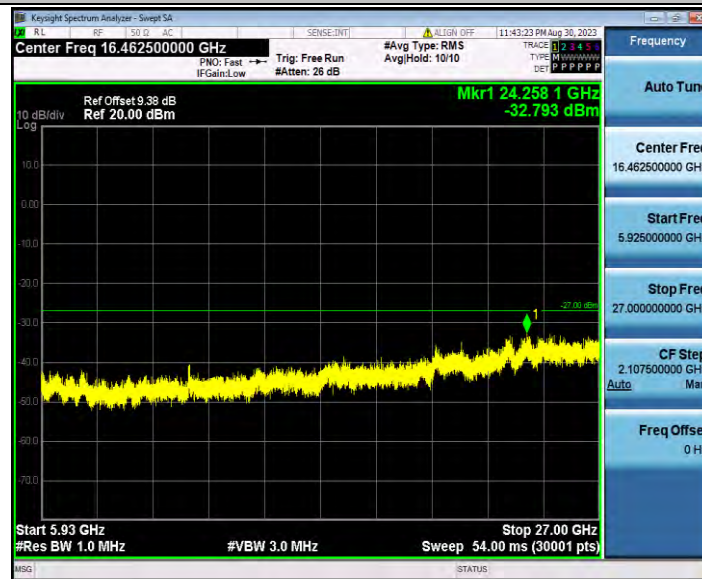
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## 11AX20SISO\_Ant1\_5785\_5925~40000



## 11AX40SISO\_Ant1\_5755\_30~5650



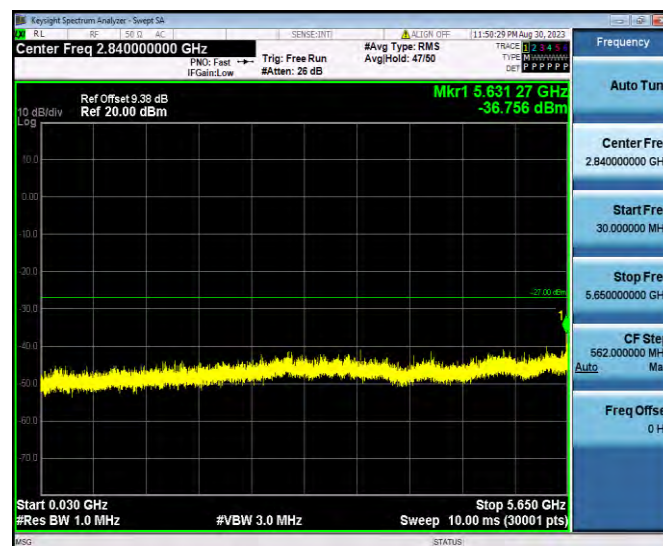
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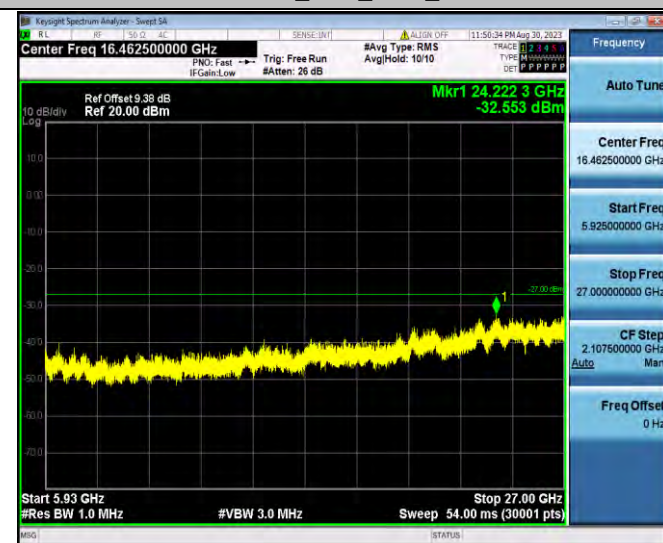
## 11AX40SISO\_Ant1\_5795\_30~5650



11AX40SISO\_Ant1\_5795\_5925~40000



11AX80SISO\_Ant1\_5775\_30~5650



11AX80SISO\_Ant1\_5775\_5925~40000