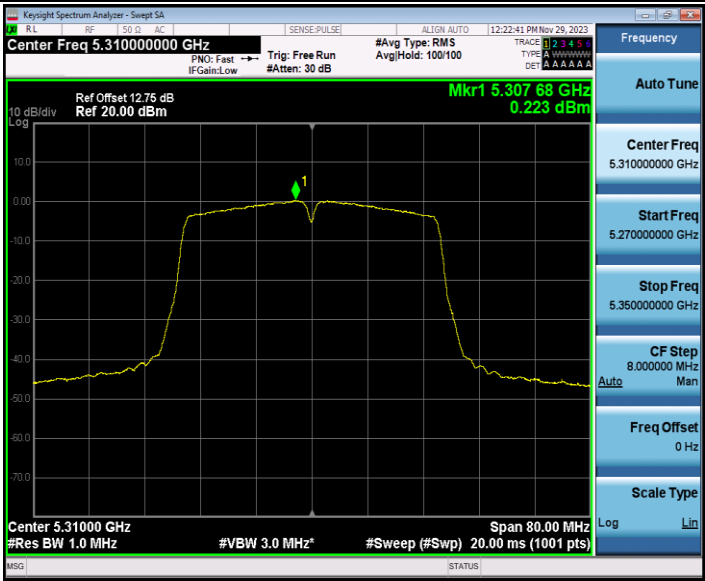
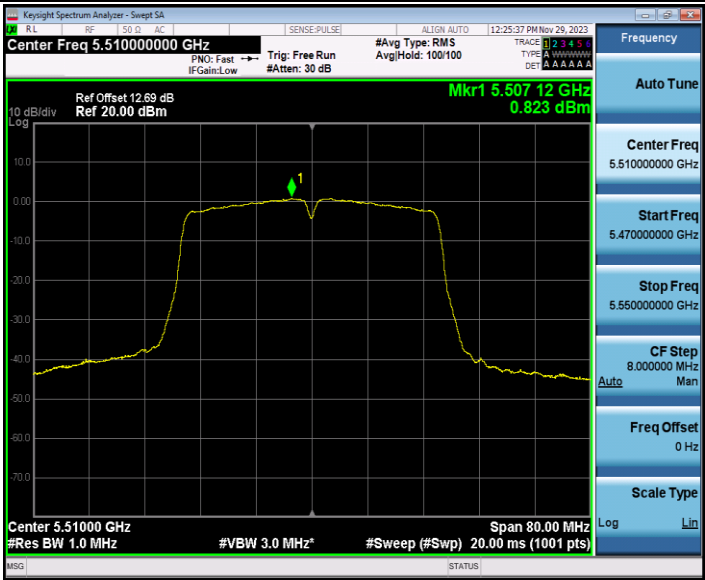


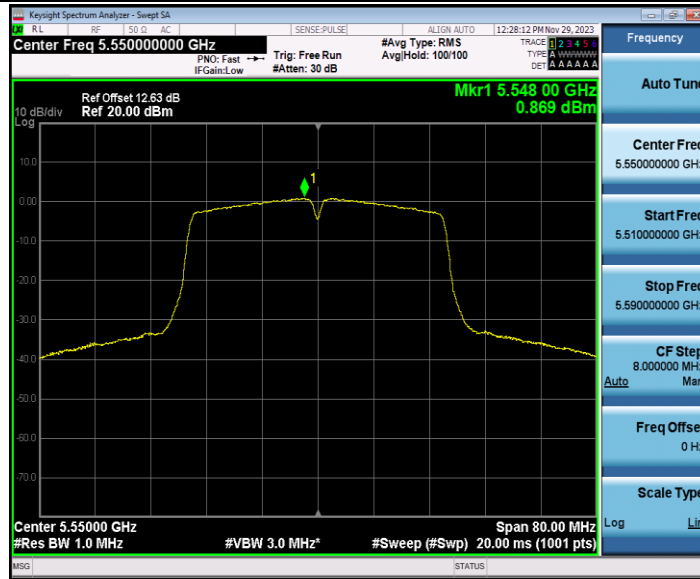
11AC40SISO\_Ant1\_5310



11AC40SISO\_Ant1\_5510



11AC40SISO\_Ant1\_5550



11AC40SISO\_Ant1\_5670



11AC40SISO\_Ant1\_5755



11AC40SISO\_Ant1\_5795



11AC80SISO\_Ant1\_5210



11AC80SISO\_Ant1\_5290



11AC80SISO\_Ant1\_5530



11AC80SISO\_Ant1\_5775





## Appendix E: Band edge measurements

### Test Result B1/2/3

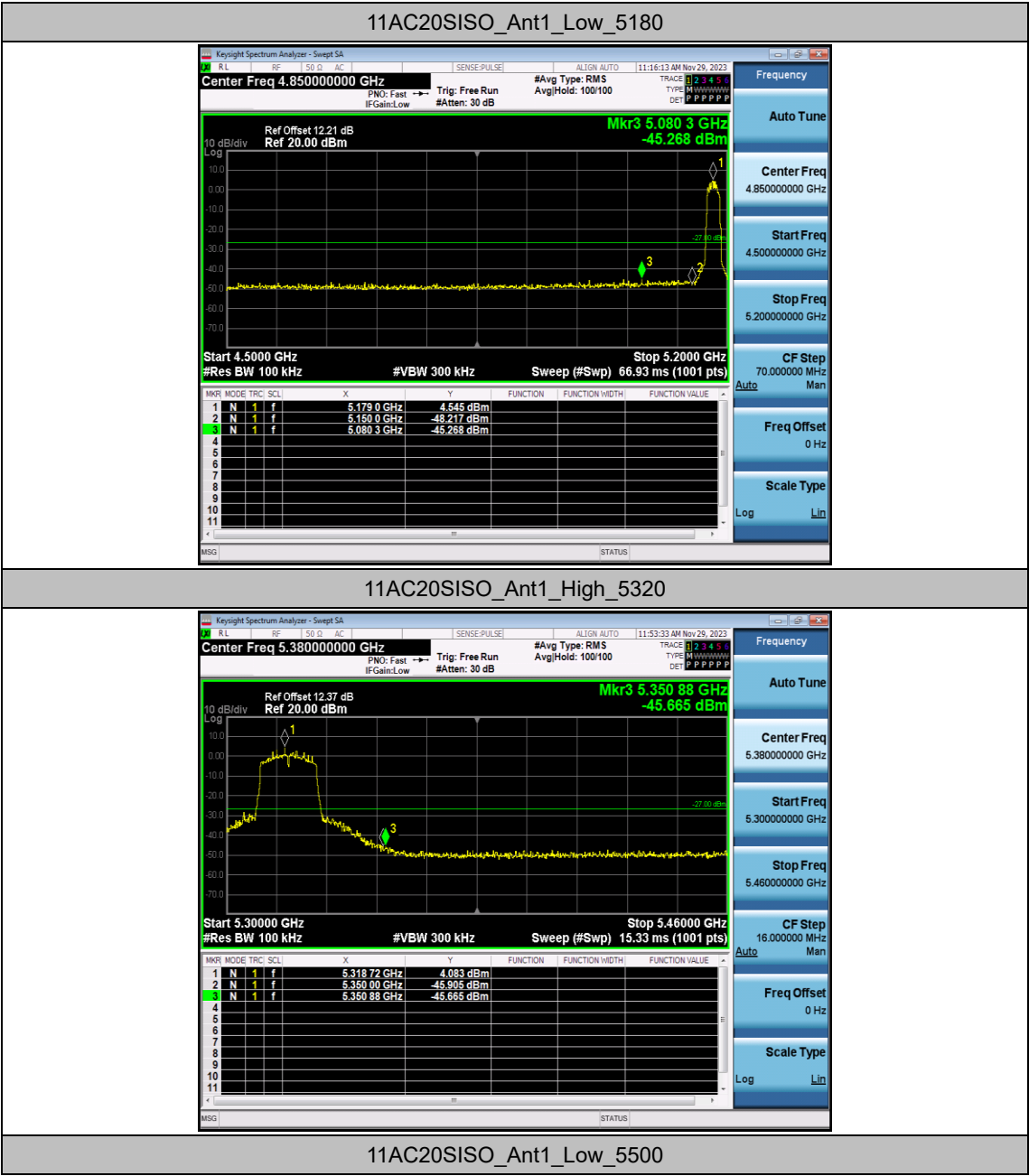
| TestMode   | Antenna | ChName | Frequency[MHz] | Result[dBm] | Limit[dBm] | Verdict |
|------------|---------|--------|----------------|-------------|------------|---------|
| 11AC20SISO | Ant1    | Low    | 5180           | -45.27      | ≤-27       | PASS    |
|            |         | High   | 5320           | -45.67      | ≤-27       | PASS    |
|            |         | Low    | 5500           | -47.16      | ≤-27       | PASS    |
|            |         | High   | 5700           | -41.1       | ≤-27       | PASS    |
| 11AC40SISO | Ant1    | Low    | 5190           | -44.06      | ≤-27       | PASS    |
|            |         | High   | 5310           | -45.29      | ≤-27       | PASS    |
|            |         | Low    | 5510           | -43.33      | ≤-27       | PASS    |
|            |         | High   | 5670           | -41.72      | ≤-27       | PASS    |
| 11AC80SISO | Ant1    | Low    | 5210           | -39.1       | ≤-27       | PASS    |
|            |         | High   | 5290           | -42.45      | ≤-27       | PASS    |
|            |         | Low    | 5530           | -38.67      | ≤-27       | PASS    |

### Test Result B4

| TestMode    | Antenna | ChName | Frequency[MHz] | FreqRange [MHz] | Result [dBm] | Limit [dBm] | Verdict |
|-------------|---------|--------|----------------|-----------------|--------------|-------------|---------|
| 11AC20S ISO | Ant1    | Low    | 5745           | 5650~5700       | -47.24       | ≤7.00       | PASS    |
|             |         |        |                | 5700~5720       | -40.19       | ≤15.24      | PASS    |
|             |         |        |                | 5720~5725       | -35.65       | ≤26.04      | PASS    |
|             |         |        |                | 5760~5650       | -48.73       | ≤-27        | PASS    |
|             |         | High   | 5825           | 5850~5855       | -40          | ≤16.72      | PASS    |
|             |         |        |                | 5855~5875       | -44.1        | ≤10.51      | PASS    |
|             |         |        |                | 5875~5925       | -46.48       | ≤-16.97     | PASS    |
|             |         |        |                | 5925~5935       | -47.47       | ≤-27        | PASS    |
| 11AC40S ISO | Ant1    | Low    | 5755           | 5650~5700       | -44.6        | ≤8.16       | PASS    |
|             |         |        |                | 5700~5720       | -37.31       | ≤13.50      | PASS    |
|             |         |        |                | 5720~5725       | -34.75       | ≤18.81      | PASS    |
|             |         |        |                | 5780~5650       | -48.63       | ≤-27        | PASS    |
|             |         | High   | 5795           | 5850~5855       | -42.23       | ≤21.30      | PASS    |
|             |         |        |                | 5855~5875       | -45.41       | ≤11.79      | PASS    |
|             |         |        |                | 5875~5925       | -46.33       | ≤-7.02      | PASS    |
|             |         |        |                | 5925~5935       | -46.69       | ≤-27        | PASS    |
| 11AC80S ISO | Ant1    | Low    | 5775           | 5650~5700       | -41.84       | ≤7.38       | PASS    |
|             |         |        |                | 5700~5720       | -37.25       | ≤14.00      | PASS    |
|             |         |        |                | 5720~5725       | -37.08       | ≤16.00      | PASS    |
|             |         |        |                | 5800~5650       | -47.05       | ≤-27        | PASS    |
|             |         | High   | 5775           | 5850~5855       | -39.18       | ≤17.48      | PASS    |
|             |         |        |                | 5855~5875       | -40.73       | ≤10.49      | PASS    |

|  |  |  |  |           |        |               |      |
|--|--|--|--|-----------|--------|---------------|------|
|  |  |  |  | 5875~5925 | -44.07 | $\leq$ -24.63 | PASS |
|  |  |  |  | 5925~5935 | -46.42 | $\leq$ -27    | PASS |

Test Graphs B1/2/3



11AC20SISO\_Ant1\_High\_5320

KeySight Spectrum Analyzer - Sweep SA

RF 150.0 AC

SENSE-PULSE

ALIGN AUTO

11:53:33 AM Nov 29, 2023

Center Freq 5.380000000 GHz

PNO: Fast IFGain:Low

Trig: Free Run

#Avg Type: RMS

Avg/Hold: 100/100

TRACE 1 2 3 4 5

TYPE M W W W W W W W

DET P P P P P P P

Ref Offset 12.37 dB

Ref 20.00 dBm

Mkr3 5.350 88 GHz

-45.665 dBm

10 dB/div

Log

Start 5.30000 GHz

#Res BW 100 kHz

#VBW 300 kHz

Sweep (#Swp) 15.33 ms (1001 pts)

Stop 5.46000 GHz

CF Step 16.000000 MHz

Auto

Man

Frequency

Auto Tune

Center Freq 5.380000000 GHz

Start Freq 5.300000000 GHz

Stop Freq 5.460000000 GHz

CF Step 16.000000 MHz

Auto

Man

Freq Offset 0 Hz

Scale Type

Log

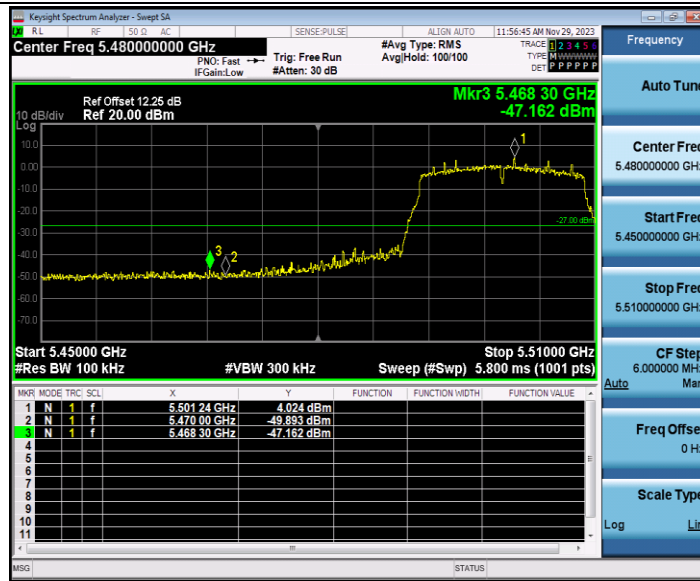
Lin

| MKR | MODE | TRC | SCL | X            | Y           | FUNCTION | FUNCTION WIDTH | FUNCTION VALUE |
|-----|------|-----|-----|--------------|-------------|----------|----------------|----------------|
| 1   | N    | 1   | f   | 5.318 72 GHz | 4.083 dBm   |          |                |                |
| 2   | N    | 1   | f   | 5.350 00 GHz | -45.905 dBm |          |                |                |
| 3   | N    | 1   | f   | 5.350 88 GHz | -45.665 dBm |          |                |                |
| 4   |      |     |     |              |             |          |                |                |
| 5   |      |     |     |              |             |          |                |                |
| 6   |      |     |     |              |             |          |                |                |
| 7   |      |     |     |              |             |          |                |                |
| 8   |      |     |     |              |             |          |                |                |
| 9   |      |     |     |              |             |          |                |                |
| 10  |      |     |     |              |             |          |                |                |
| 11  |      |     |     |              |             |          |                |                |

MSG

STATUS

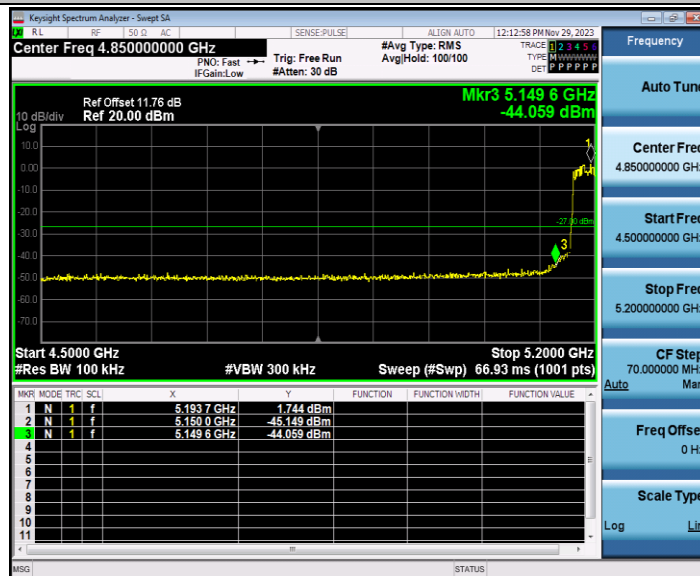
11AC20SISO\_Ant1\_Low\_5500



11AC20SISO\_Ant1\_High\_5700



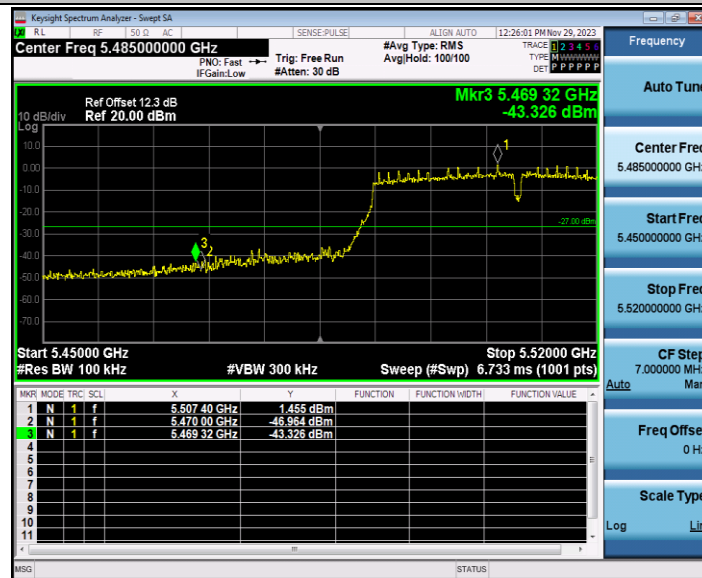
11AC40SISO\_Ant1\_Low\_5190



## 11AC40SISO\_Ant1\_High\_5310



## 11AC40SISO\_Ant1\_Low\_5510



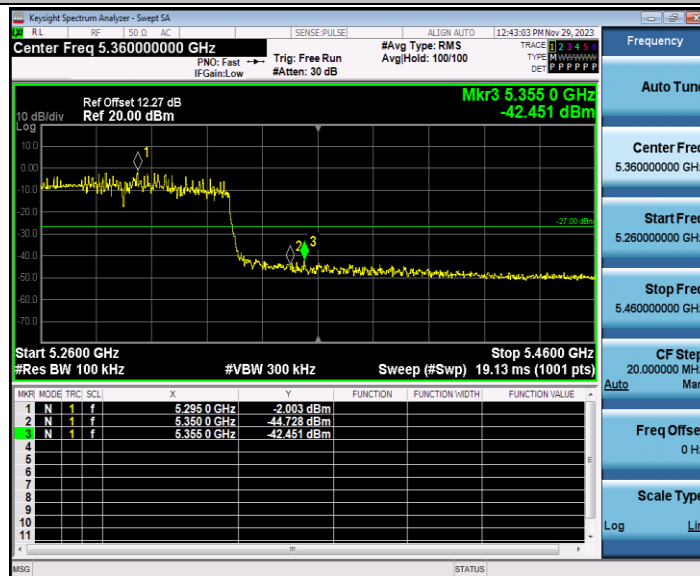
## 11AC40SISO\_Ant1\_High\_5670



11AC80SISO\_Ant1\_Low\_5210

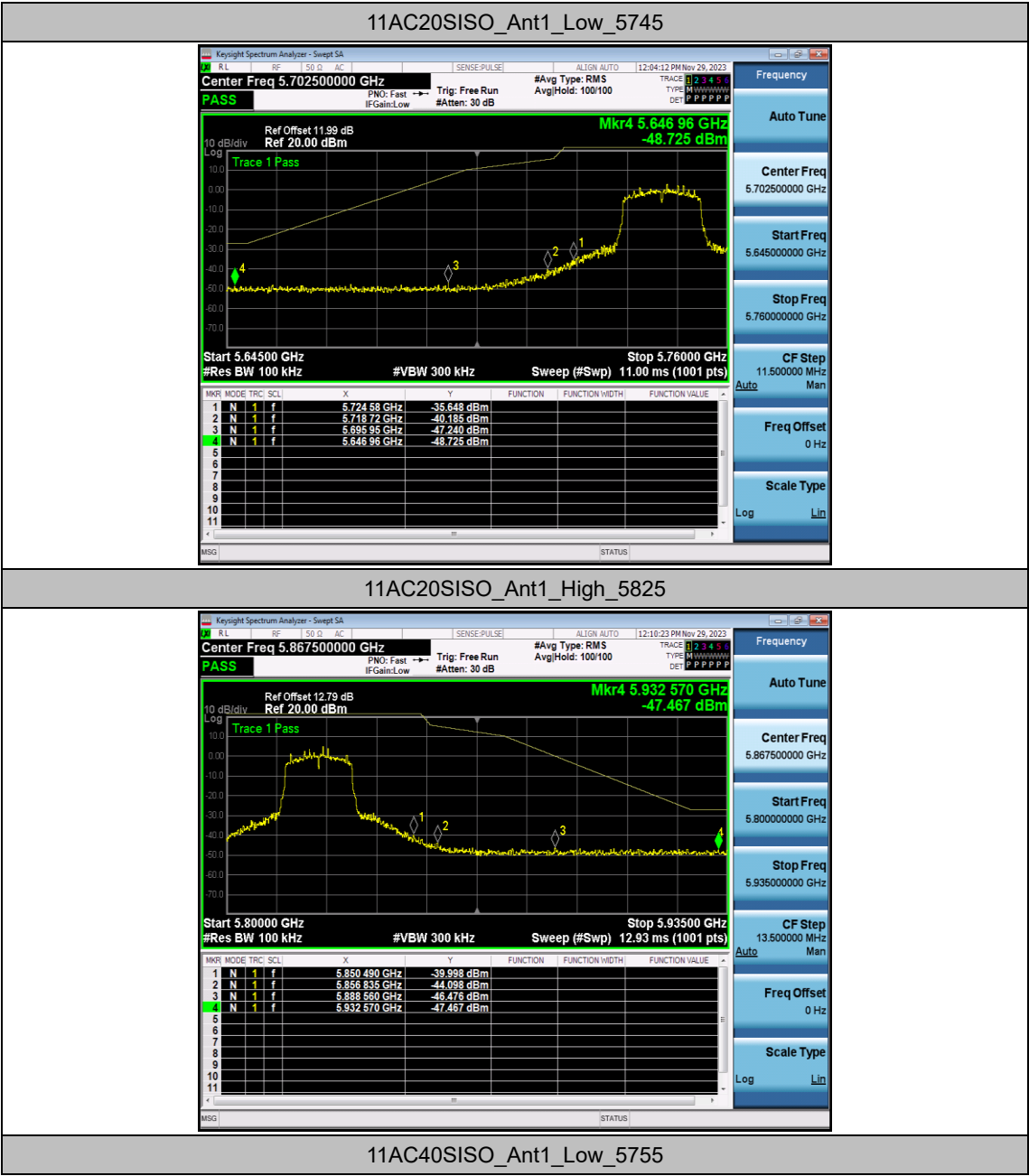


11AC80SISO\_Ant1\_High\_5290





Test Graphs B4

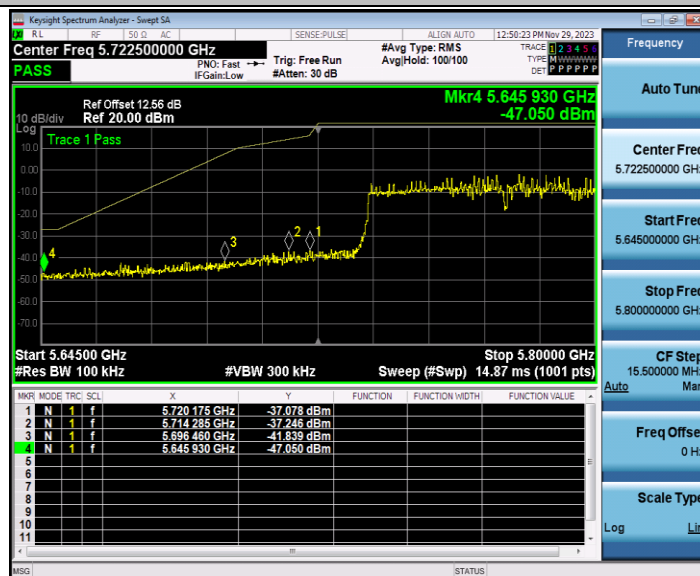




11AC40SISO\_Ant1\_High\_5795



11AC80SISO\_Ant1\_Low\_5775



11AC80SISO\_Ant1\_High\_5775

