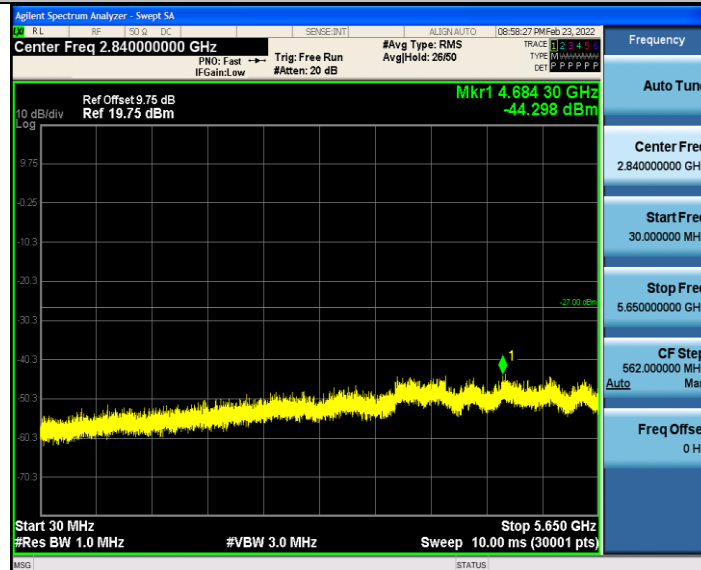
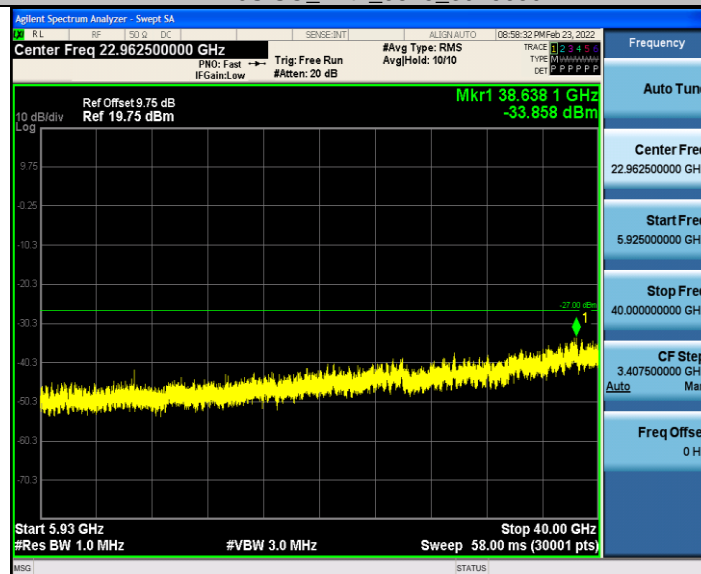


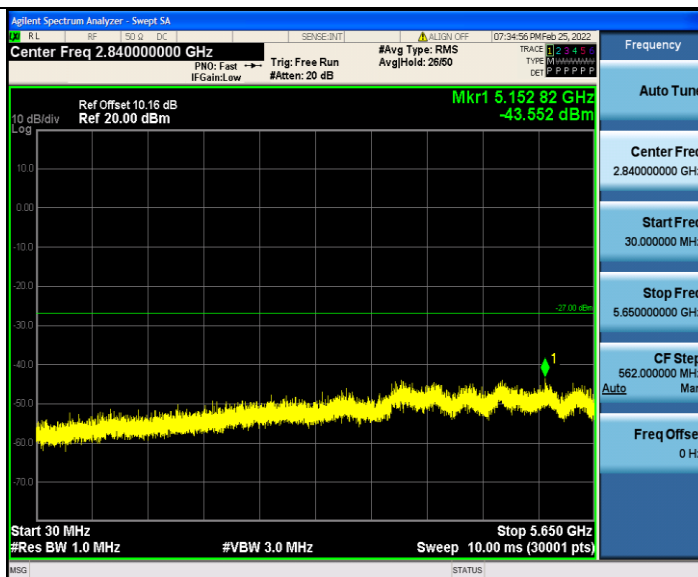
11N20SISO\_Ant1\_5785\_5925~40000



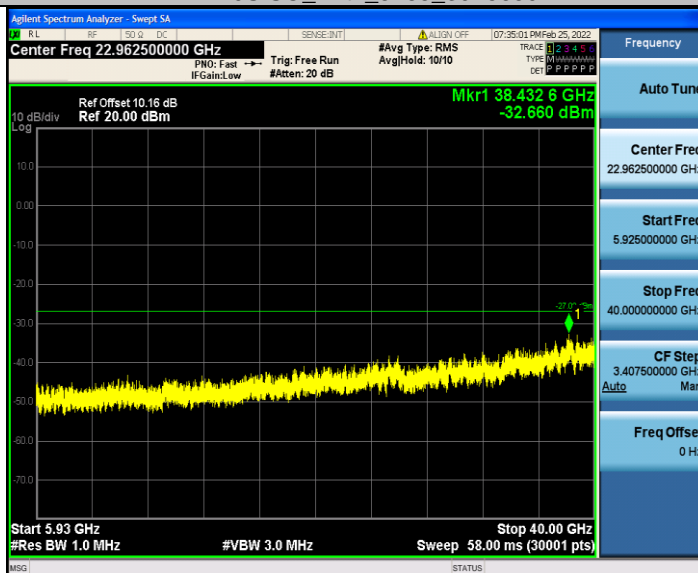
11N20SISO\_Ant1\_5825\_30~5650



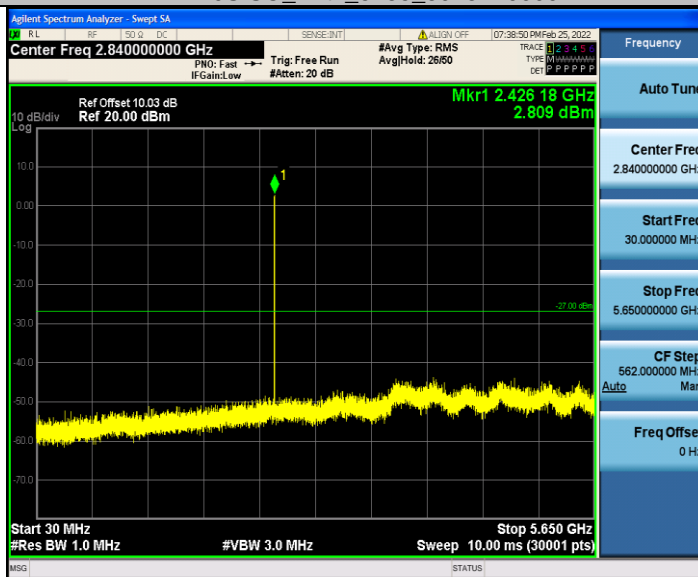
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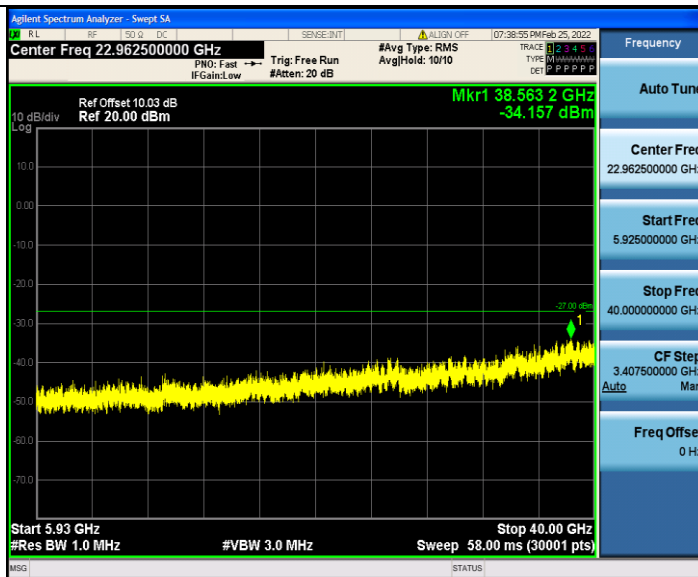
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11N40SISO\_Ant1\_5755\_5925~40000



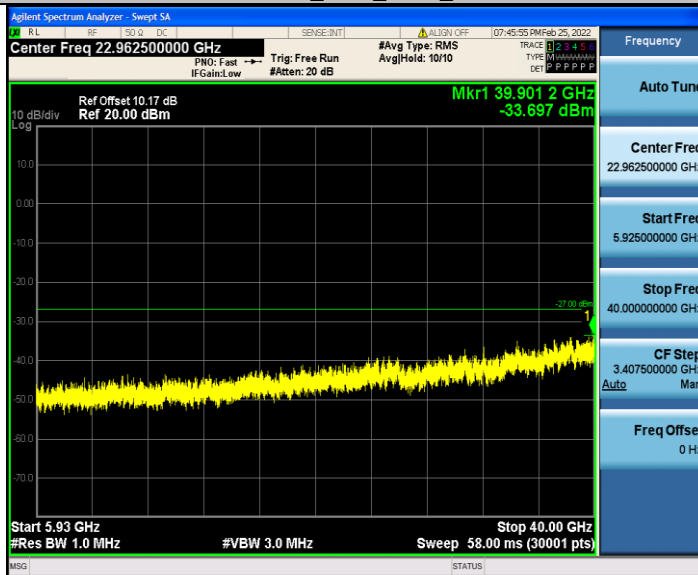
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11N40SISO\_Ant1\_5795\_5925~40000



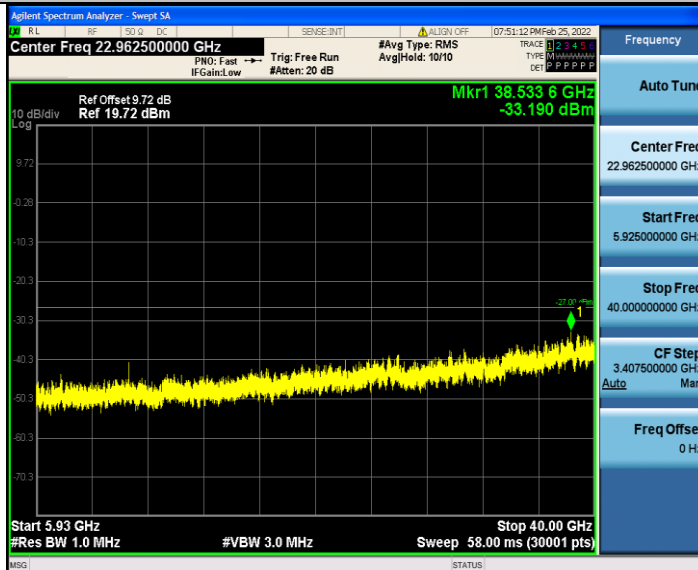
11AC20SISO\_Ant1\_5745\_5925~40000



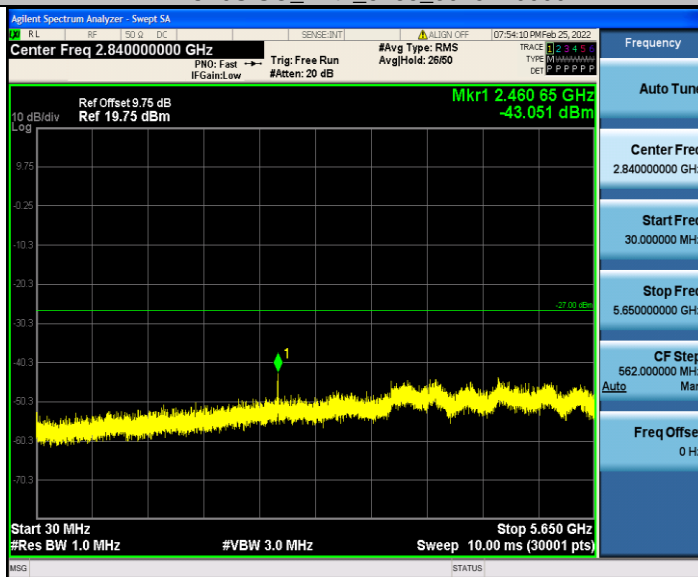
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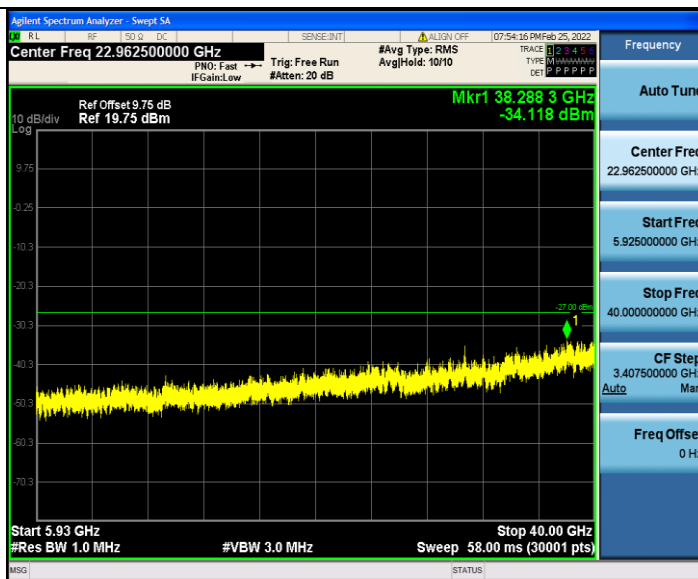
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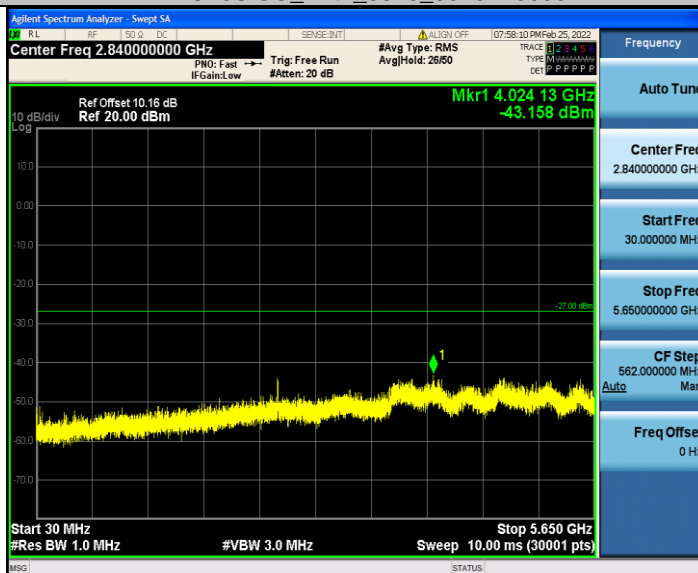
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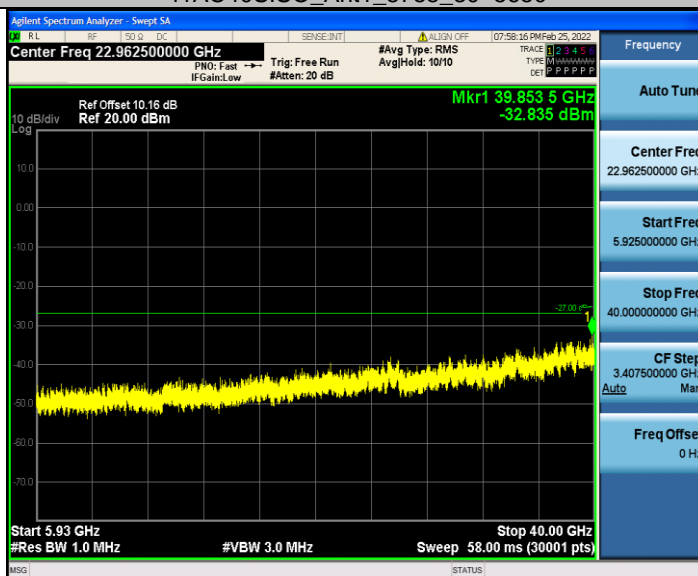
11AC20SISO\_Ant1\_5825\_30~5650



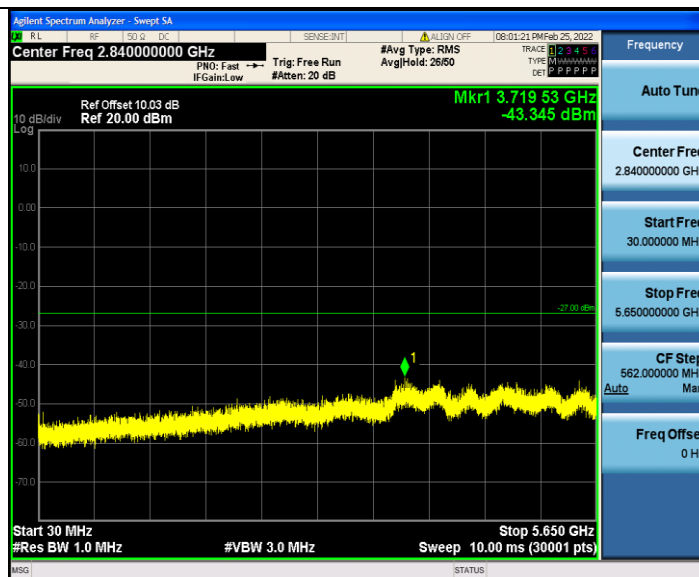
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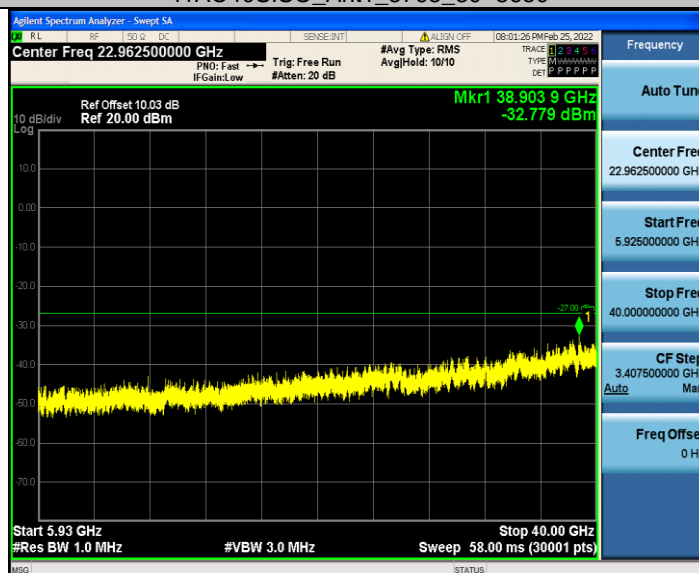
11AC40SISO\_Ant1\_5755\_30~5650



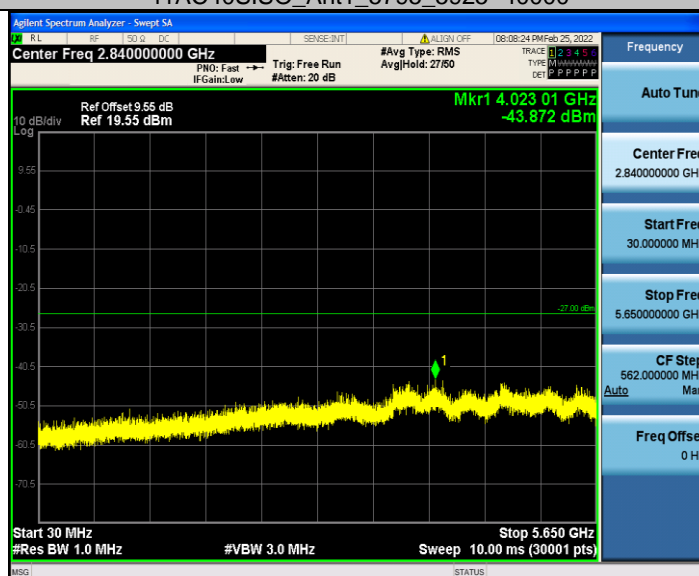
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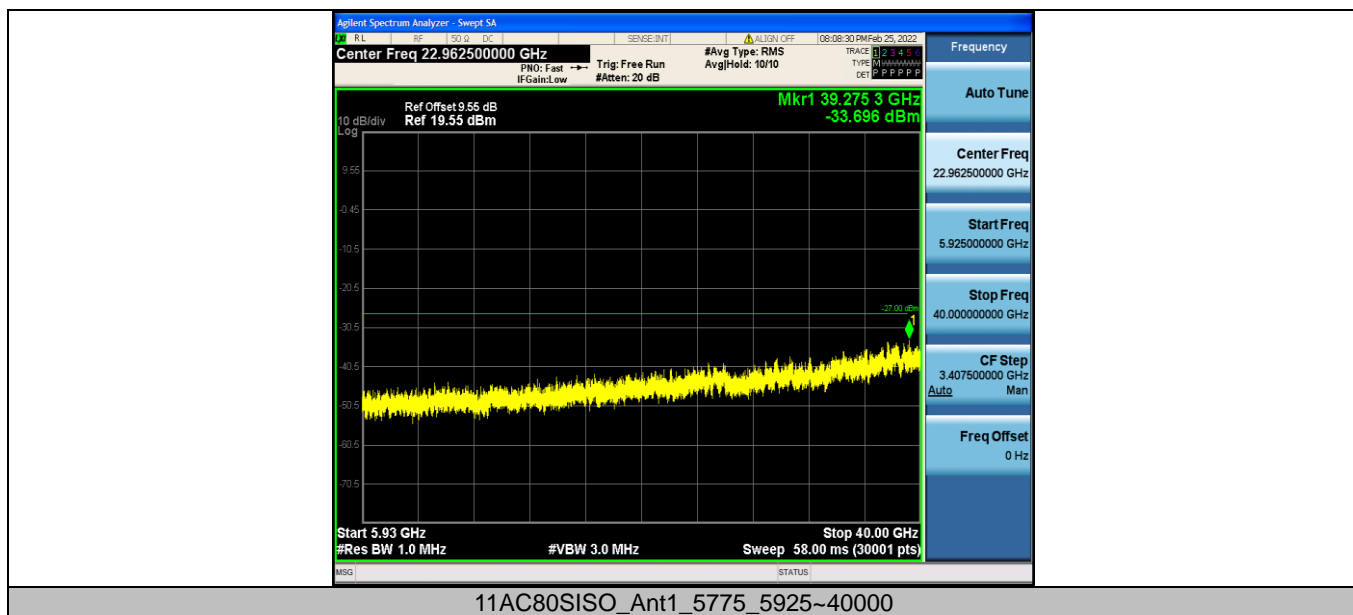
11AC40SISO\_Ant1\_5795\_30~5650



11AC40SISO\_Ant1\_5795\_5925~40000



11AC80SISO\_Ant1\_5775\_30~5650





## 5.10 Conducted band edge

### 5.10.1 Limits

Except as shown in paragraph (b)(7) of this section, the maximum emissions outside of the frequency bands of operation shall be attenuated in accordance with the following limits:

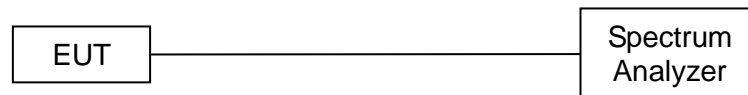
For transmitters operating in the 5.15-5.25 GHz band: All emissions outside of the 5.15-5.35 GHz band shall not exceed an e.i.r.p. of  $-27$  dBm/MHz.

For transmitters operating in the 5.25-5.35 GHz band: All emissions outside of the 5.15-5.35 GHz band shall not exceed an e.i.r.p. of  $-27$  dBm/MHz.

For transmitters operating in the 5.47-5.725 GHz band: All emissions outside of the 5.47-5.725 GHz band shall not exceed an e.i.r.p. of  $-27$  dBm/MHz.

For transmitters operating solely in the 5.725-5.850 GHz band:  
All emissions shall be limited to a level of  $-27$  dBm/MHz at 75 MHz or more above or below the band edge increasing linearly to 10 dBm/MHz at 25 MHz above or below the band edge, and from 25 MHz above or below the band edge increasing linearly to a level of 15.6 dBm/MHz at 5 MHz above or below the band edge, and from 5 MHz above or below the band edge increasing linearly to a level of 27 dBm/MHz at the band edge.

### 5.10.2 Test setup



### 5.10.3 Test procedure

Check the calibration of the measuring instrument using either an internal calibrator or a known signal from an external generator.

Position the EUT without connection to measurement instrument. Turn on the EUT and connect its antenna terminal to measurement instrument via a low loss cable. Then set it to any one measured frequency within its operating range, and make sure the instrument is operated in its linear range. Set RBW to 100 kHz and VBW of spectrum analyzer to 300 kHz with a convenient frequency span including 100 kHz bandwidth from band edge.

Measure the highest amplitude appearing on spectral display and set it as a reference level. Plot the graph with marking the highest point and edge frequency.

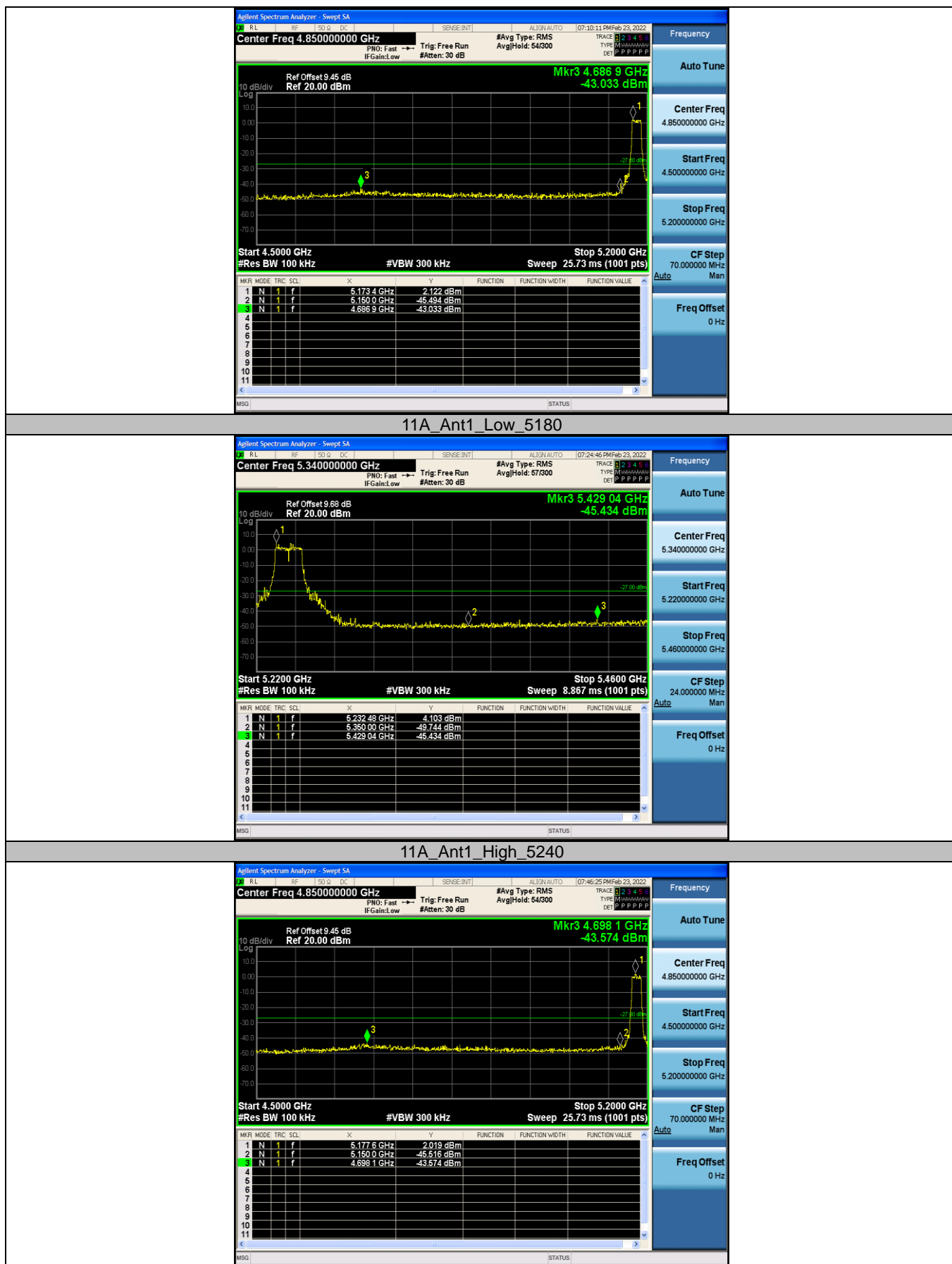
Repeat above procedures until all measured frequencies were complete.

### 5.10.4 Test results



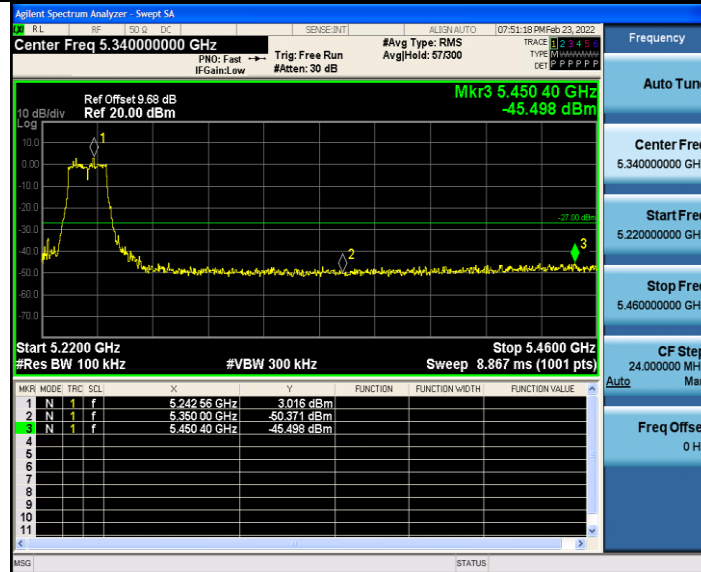


Conducted band edge- U-NII-1 band

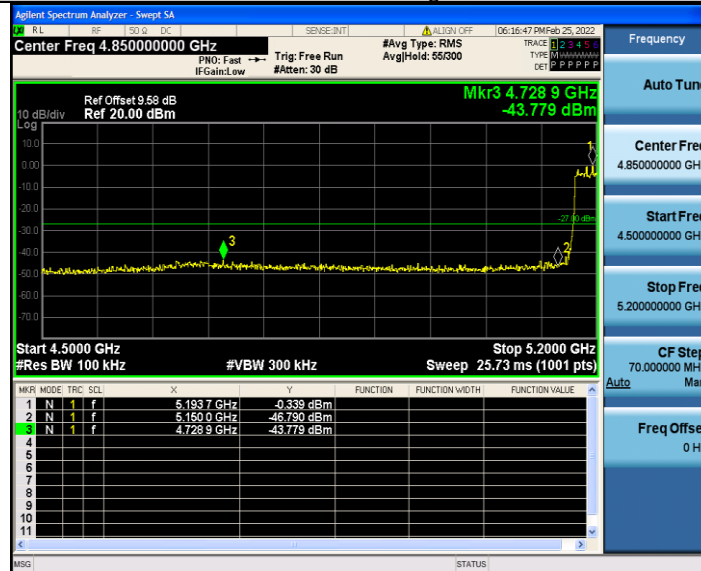




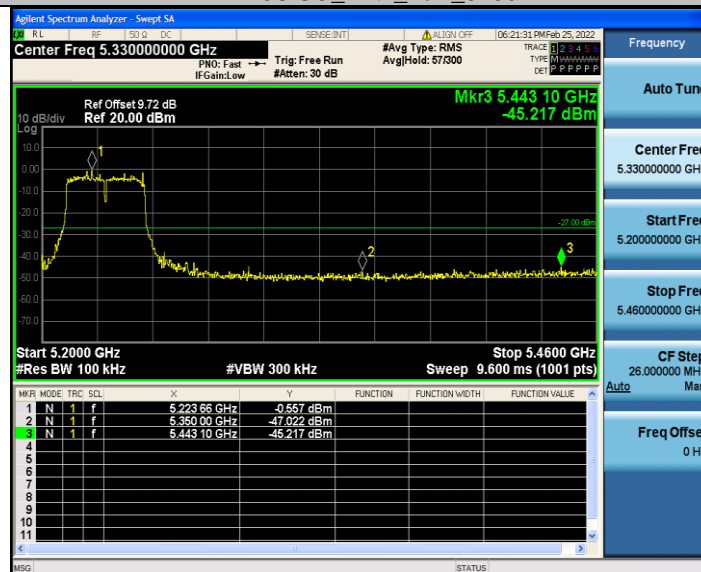
11N20SISO\_Ant1\_Low\_5180



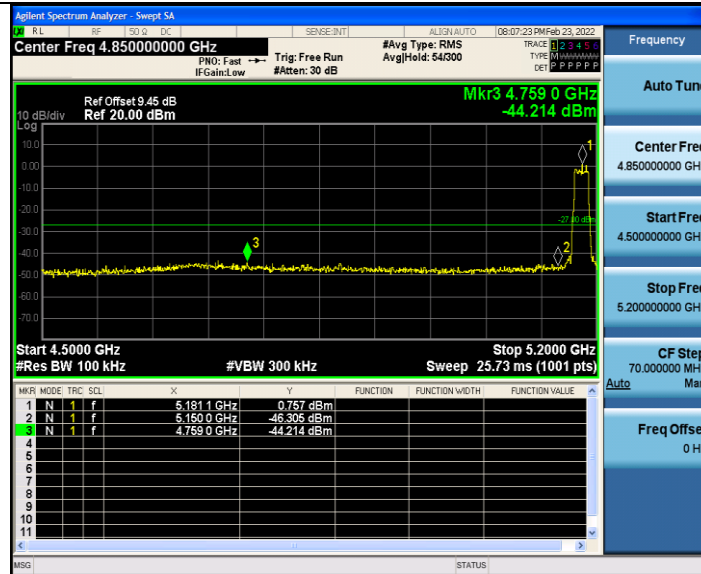
11N20SISO\_Ant1\_High\_5240



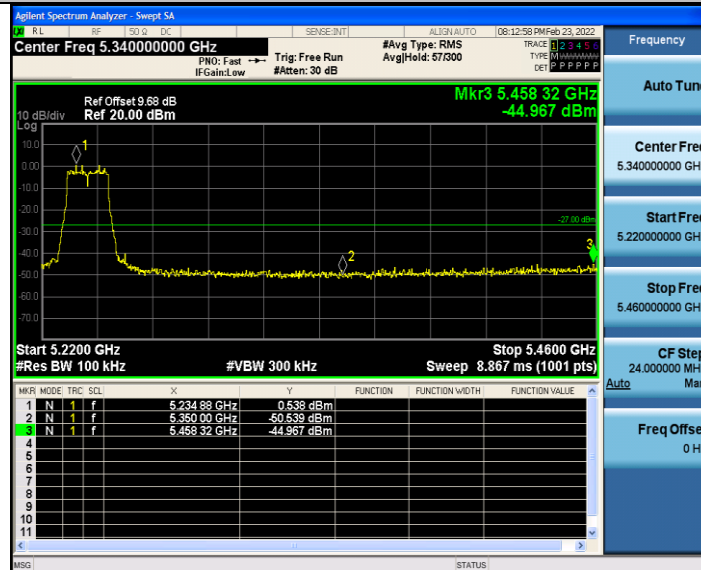
11N40SISO\_Ant1\_Low\_5190



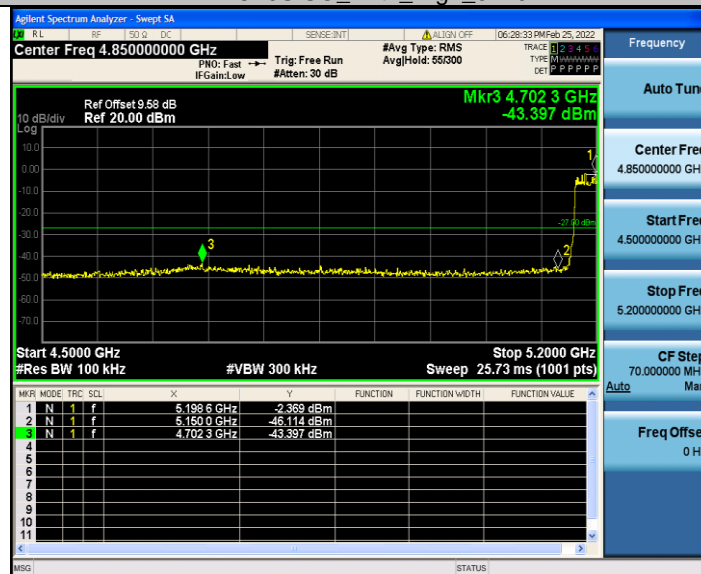
11N40SISO\_Ant1\_High\_5230



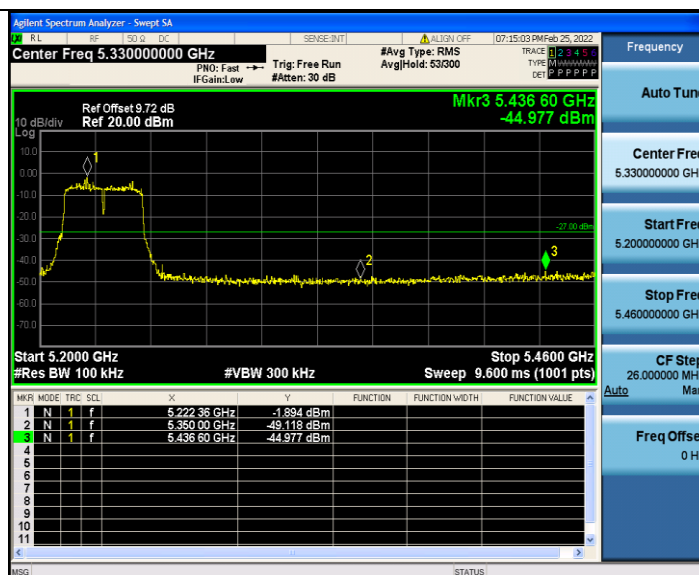
11AC20SISO\_Ant1\_Low\_5180



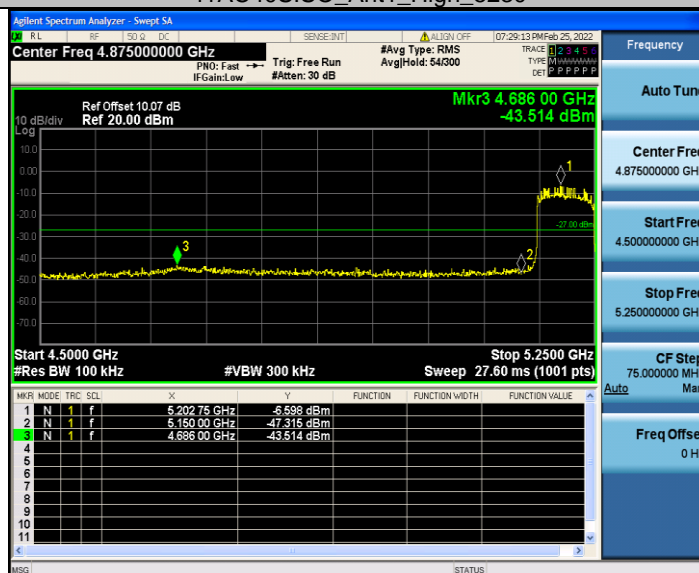
11AC20SISO\_Ant1\_High\_5240



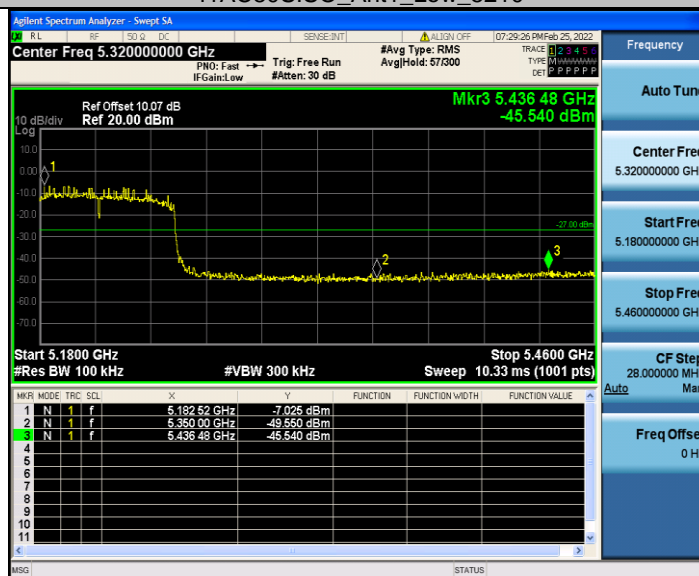
11AC40SISO\_Ant1\_Low\_5190



11AC40SISO\_Ant1\_High\_5230



11AC80SISO\_Ant1\_Low\_5210

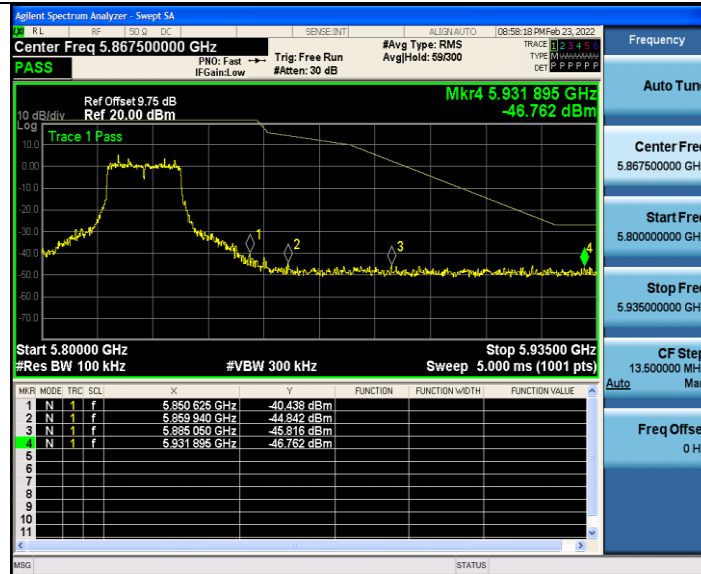


11AC80SISO\_Ant1\_High\_5210

### Conducted band edge- U-NII-3 band







11N20SISO\_Ant1\_High\_5825



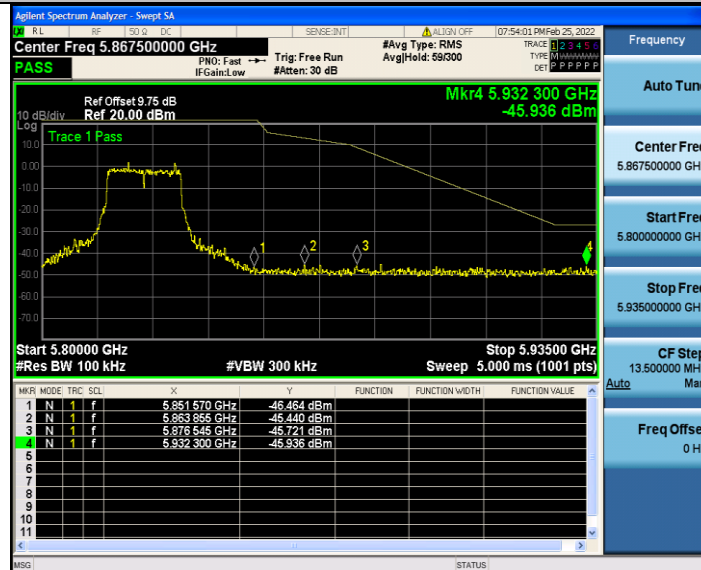
11N40SISO\_Ant1\_Low\_5755



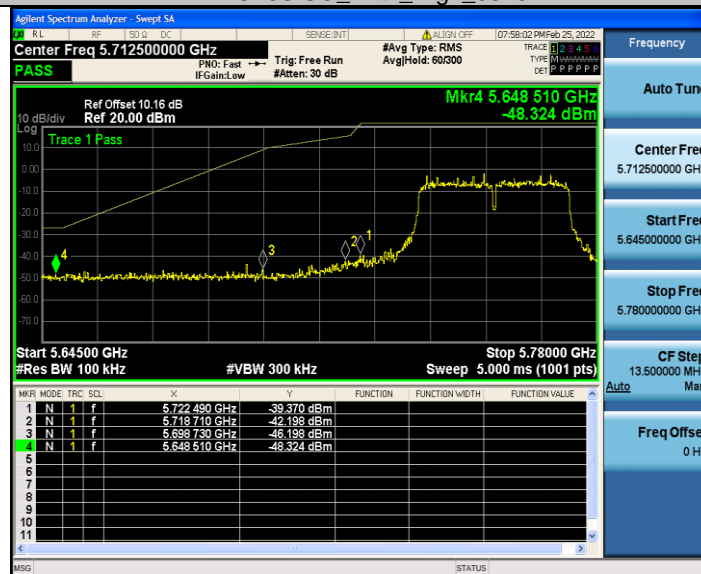
11N40SISO\_Ant1\_High\_5795



11AC20SISO\_Ant1\_Low\_5745

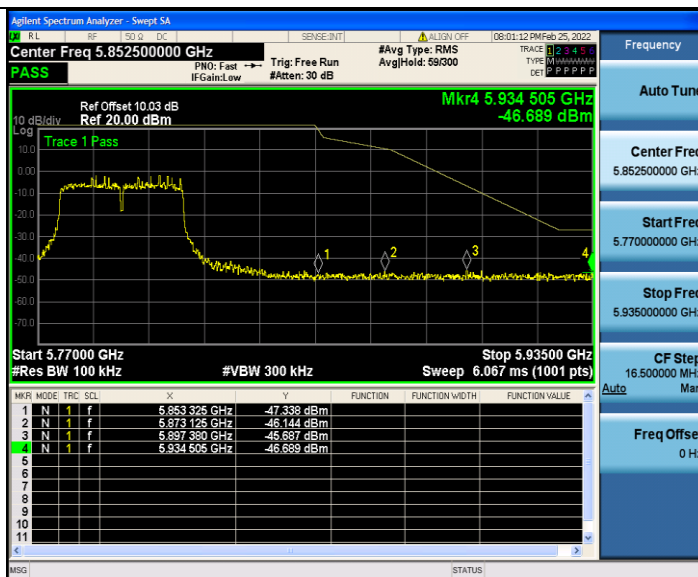


11AC20SISO\_Ant1\_High\_5825

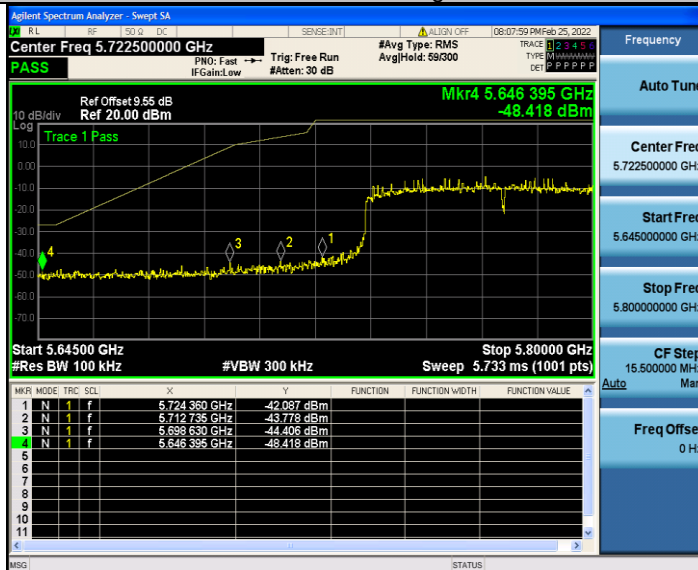


11AC40SISO\_Ant1\_Low\_5755

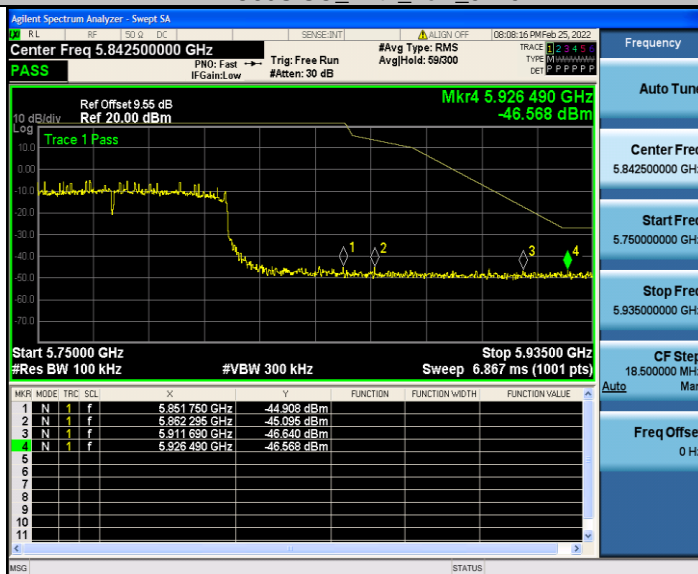




11AC40SISO\_Ant1\_High\_5795



11AC80SISO\_Ant1\_Low\_5775



11AC80SISO\_Ant1\_High\_5775



## Photographs of the Test Setup

### Radiated emission





Conducted emission





## **Photographs of the EUT**

See the APPENDIX 1- EUT PHOTO.

**----END OF REPORT----**