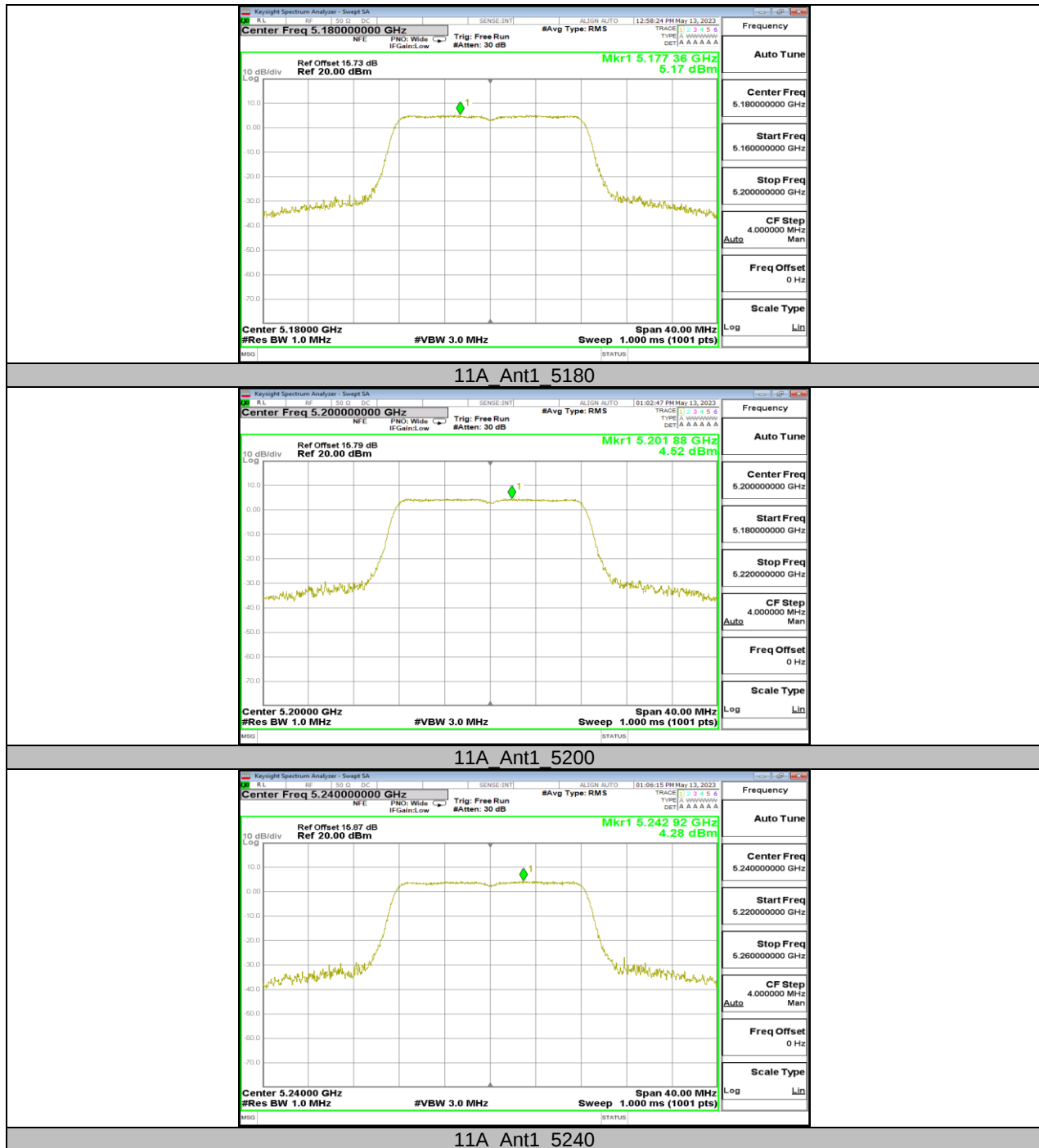
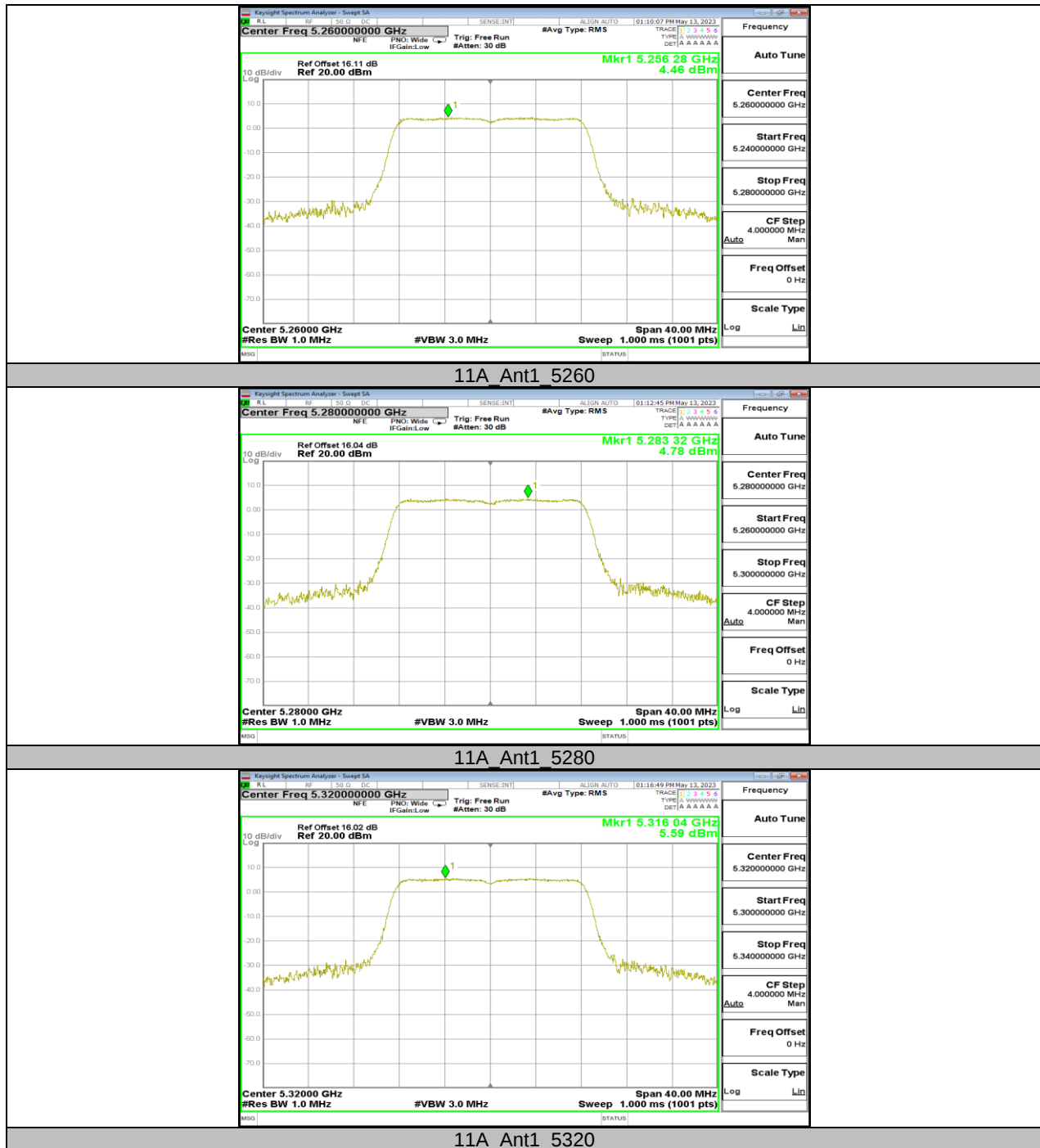
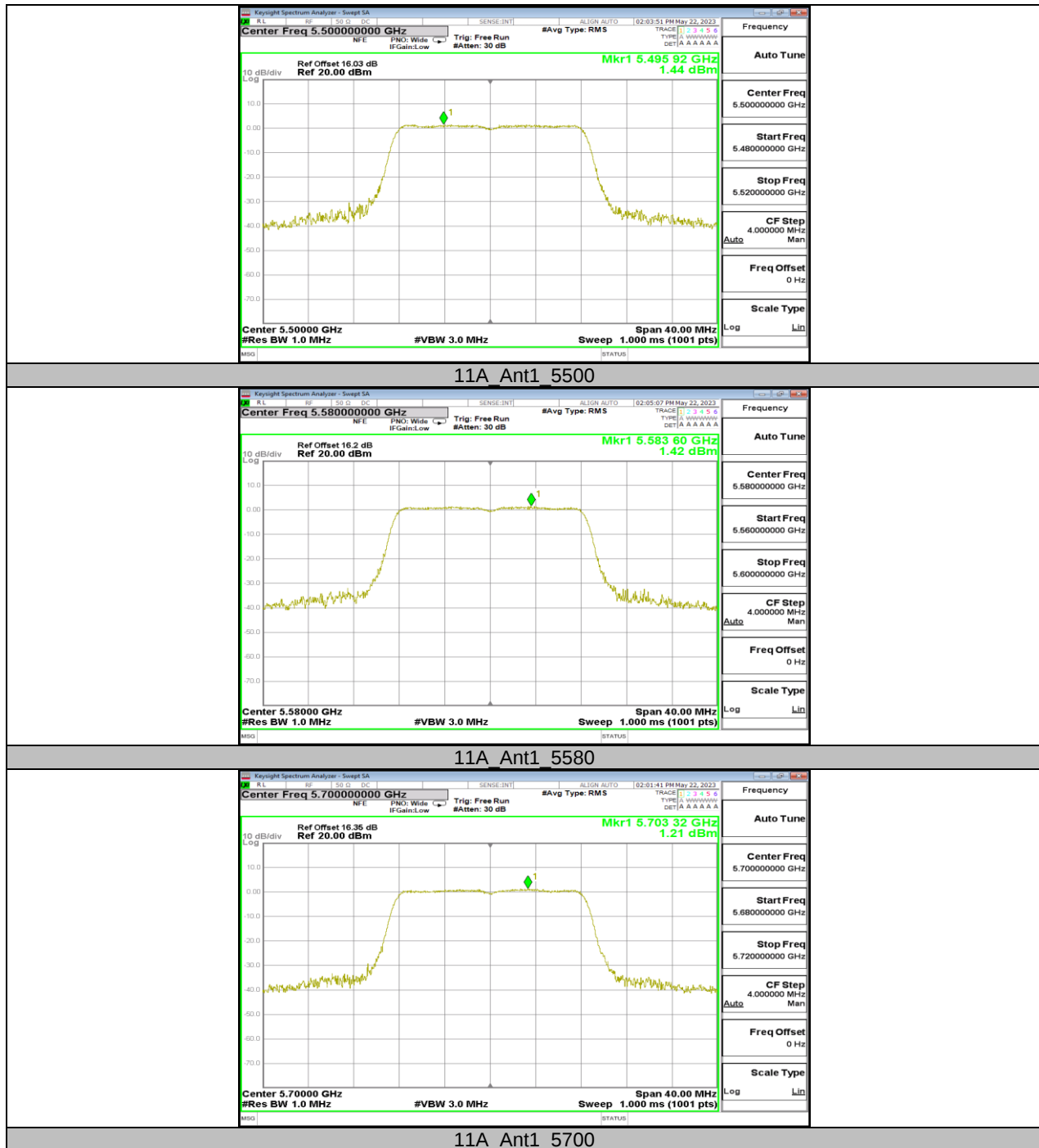
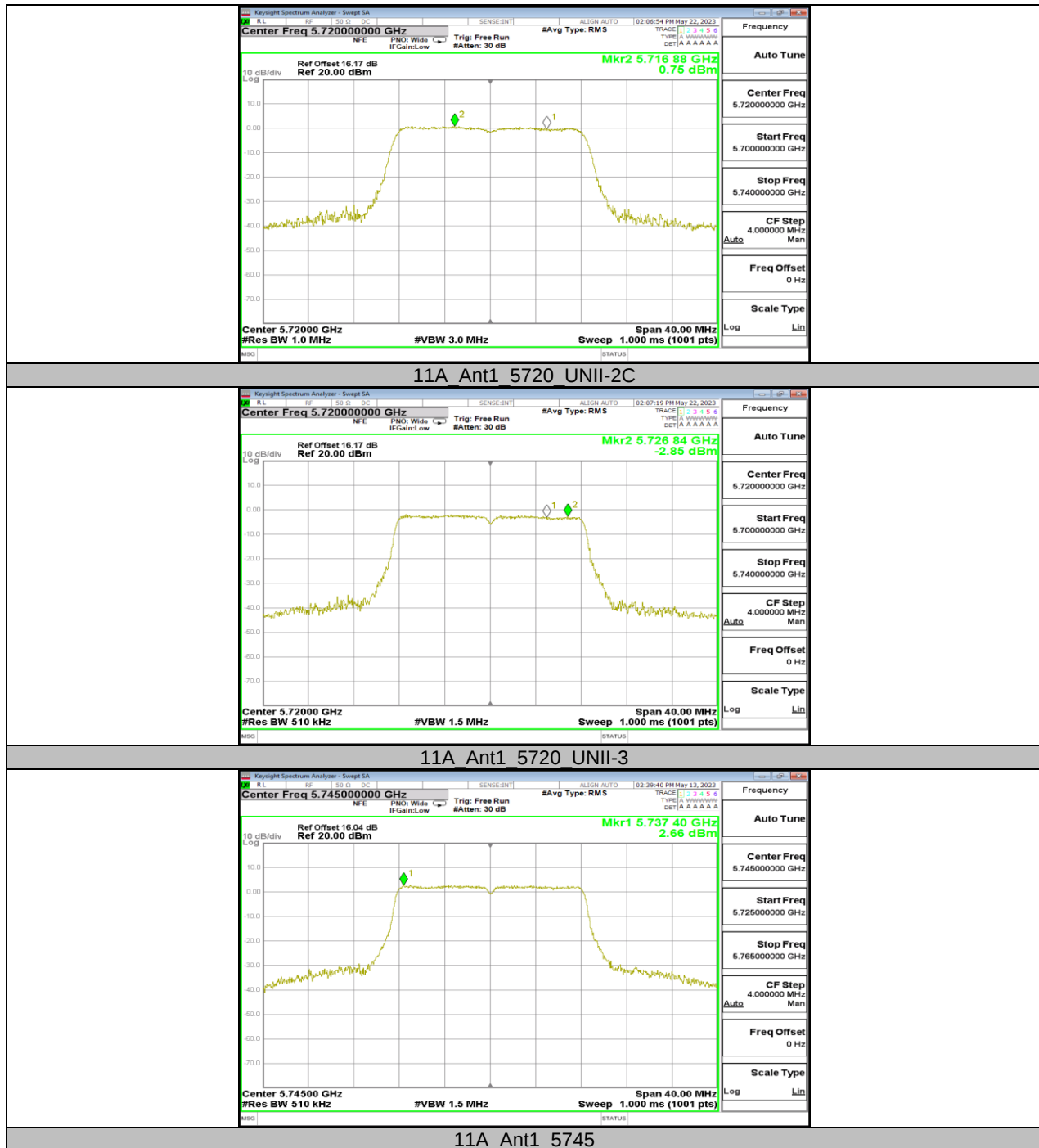


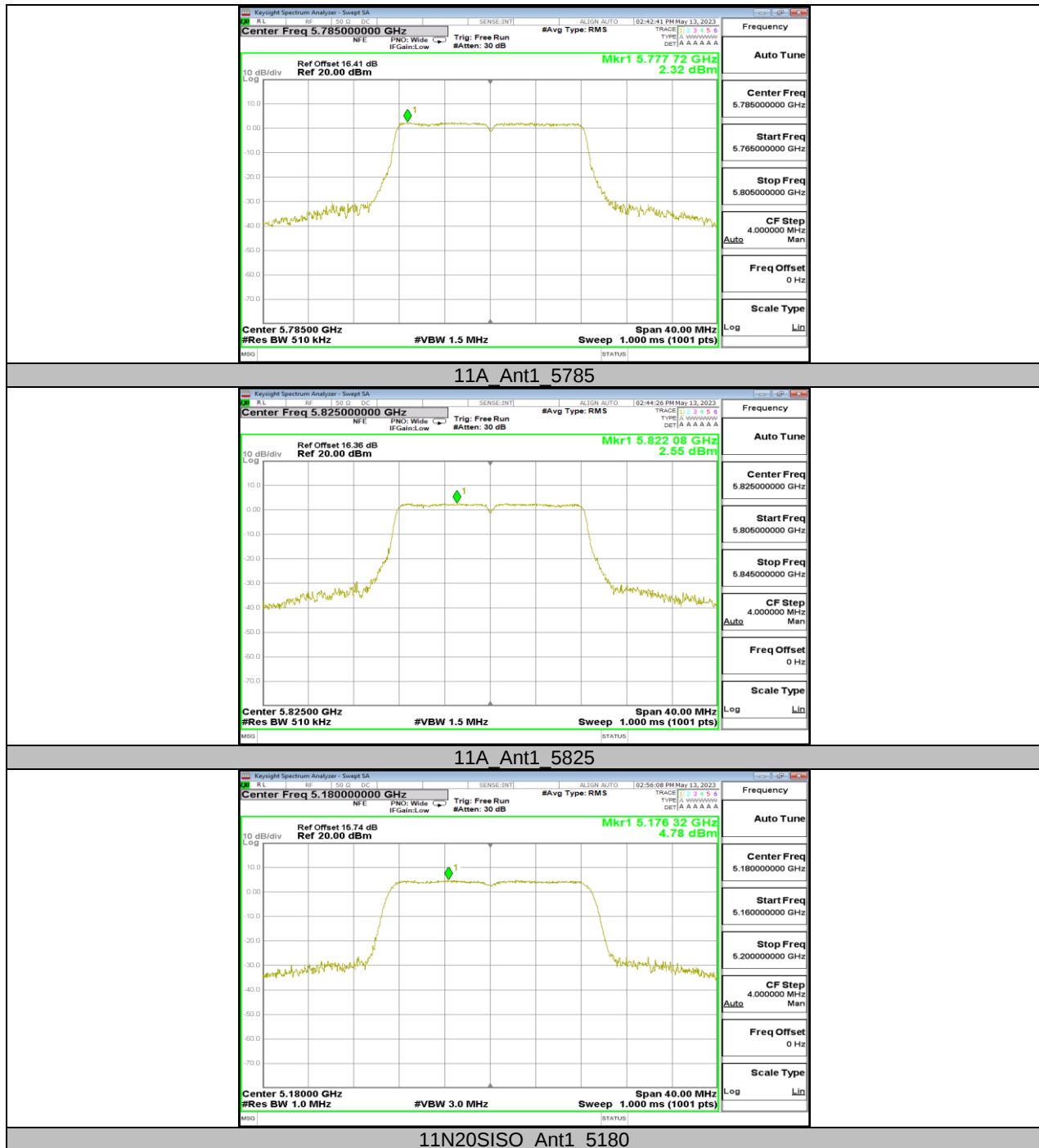
## 11.5.2. Test Graphs

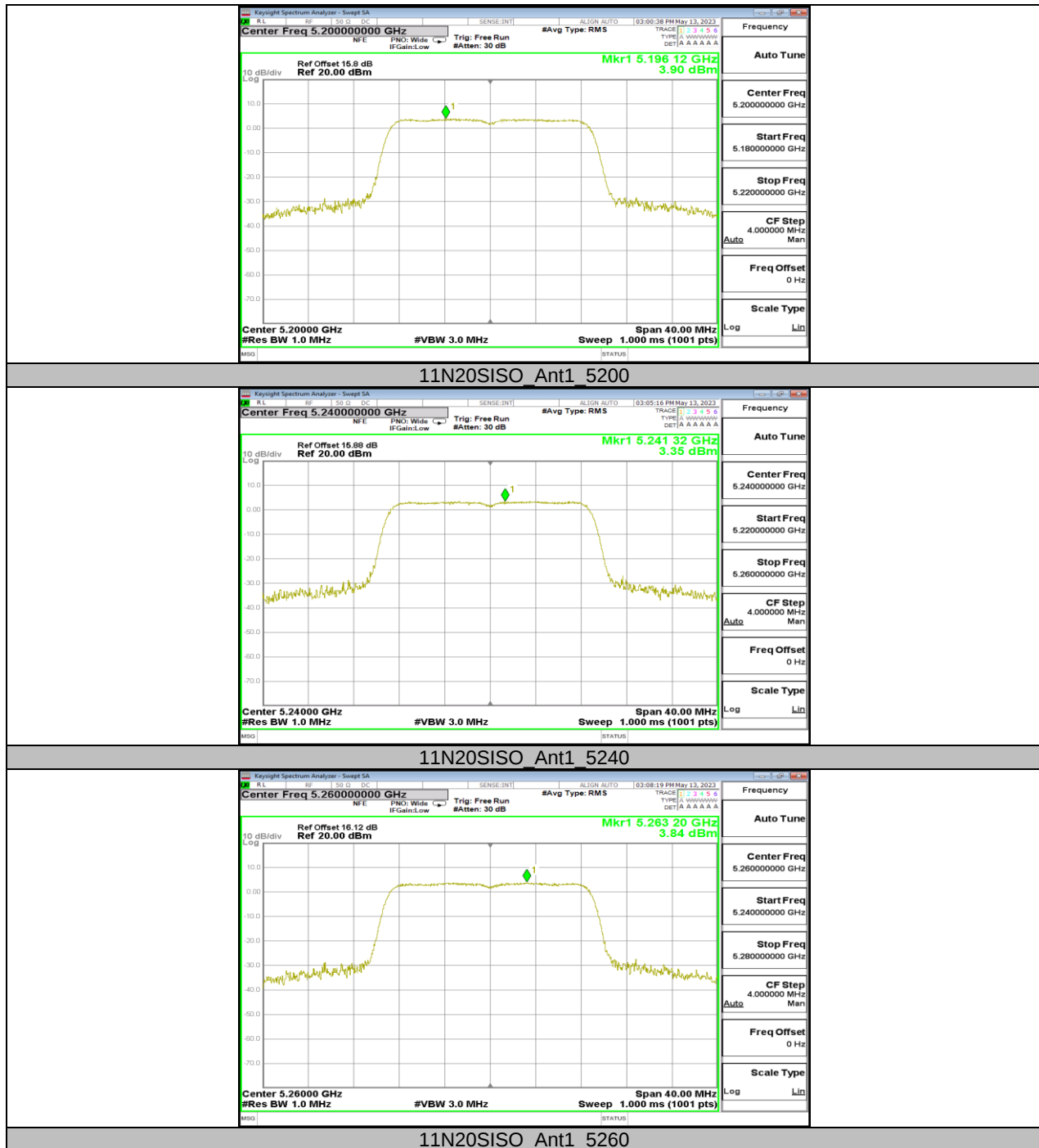


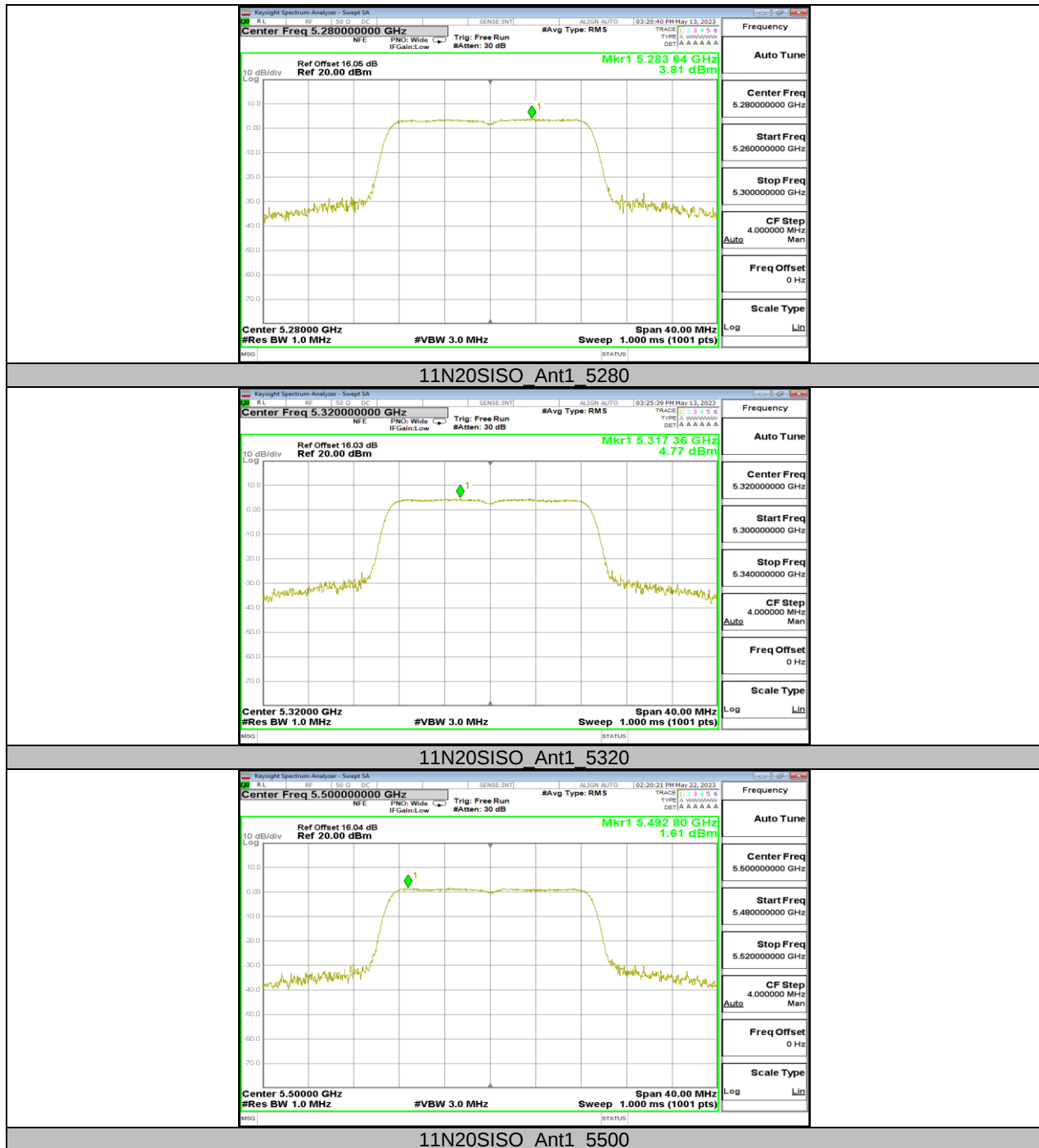


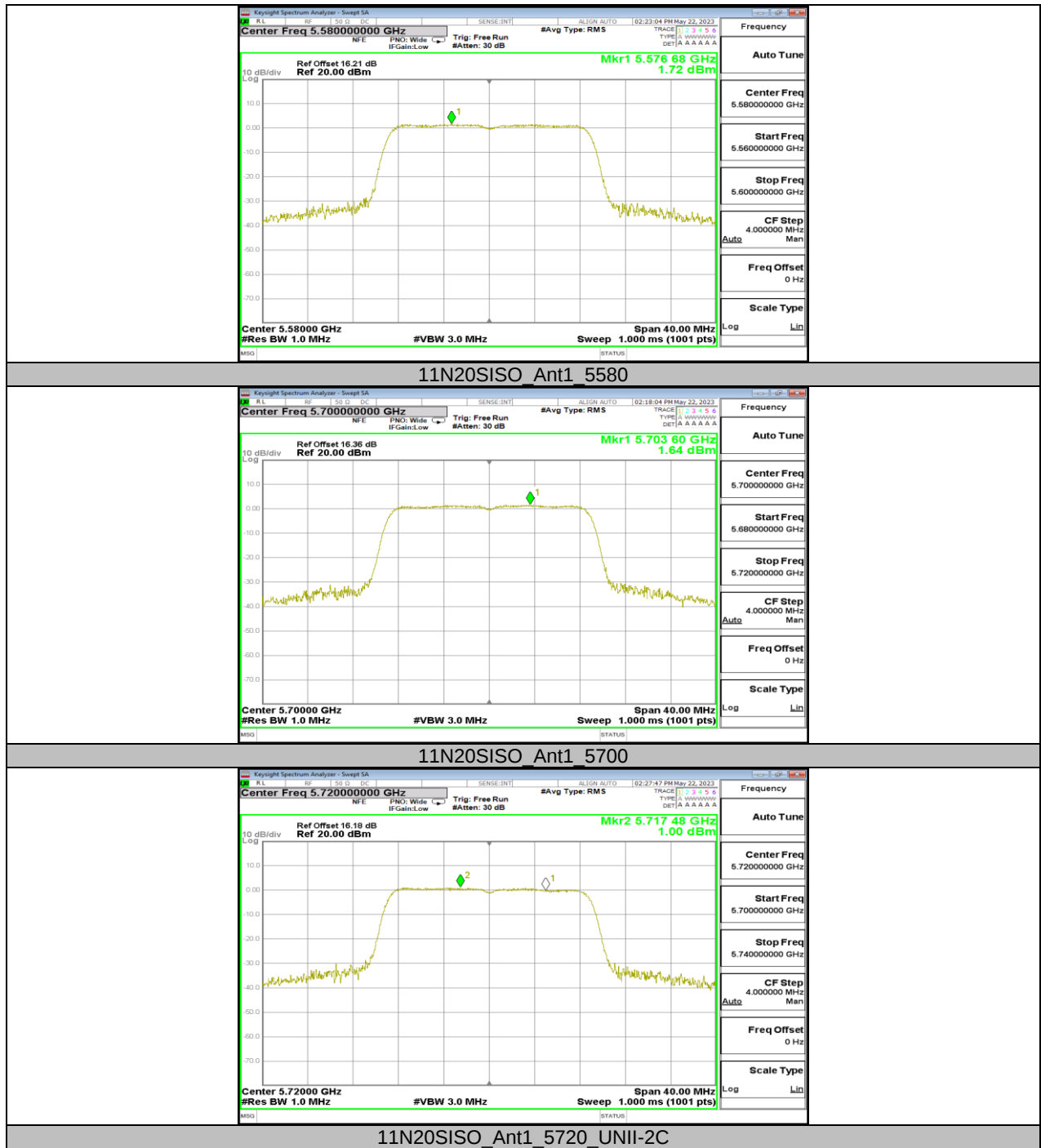


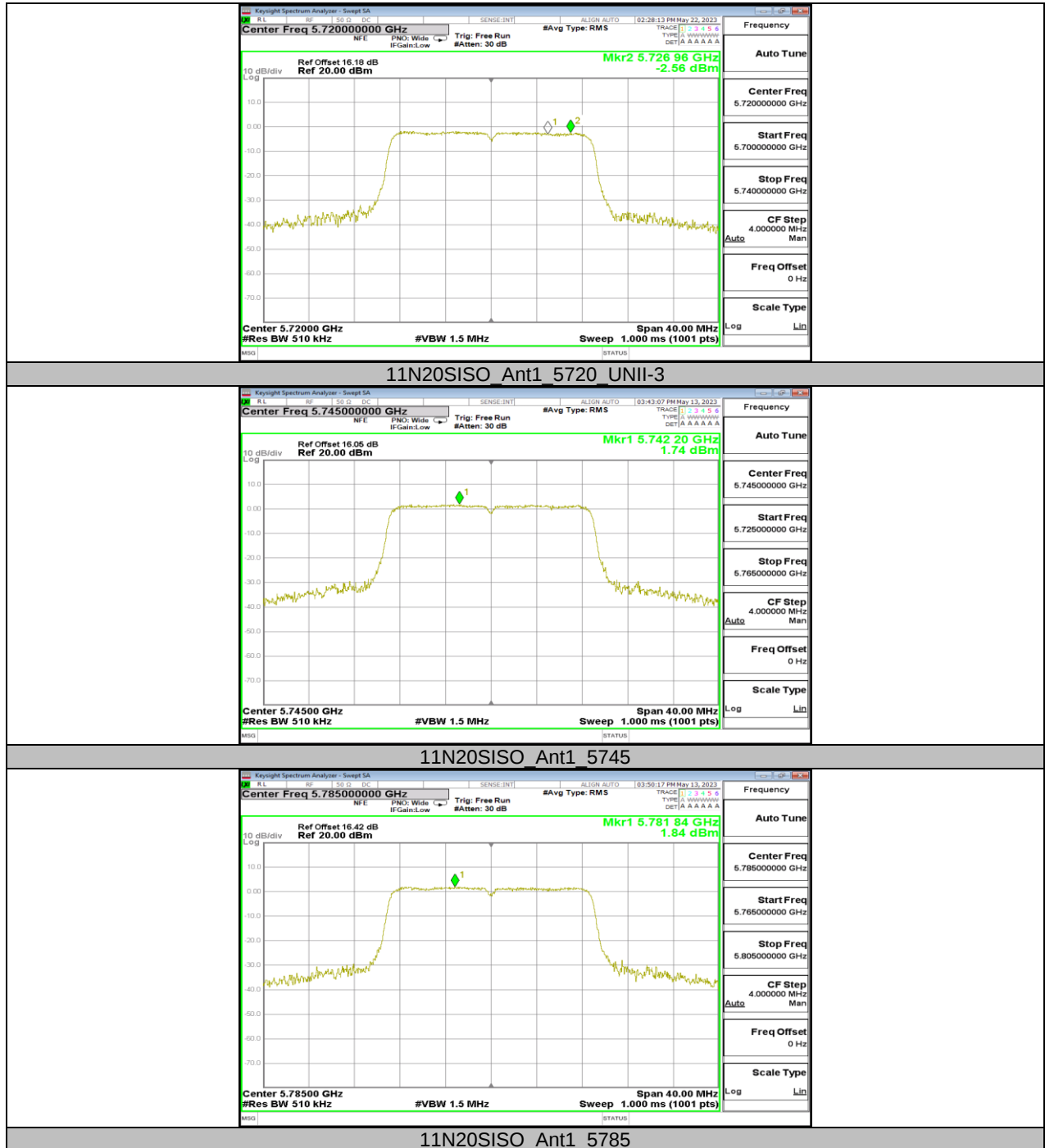


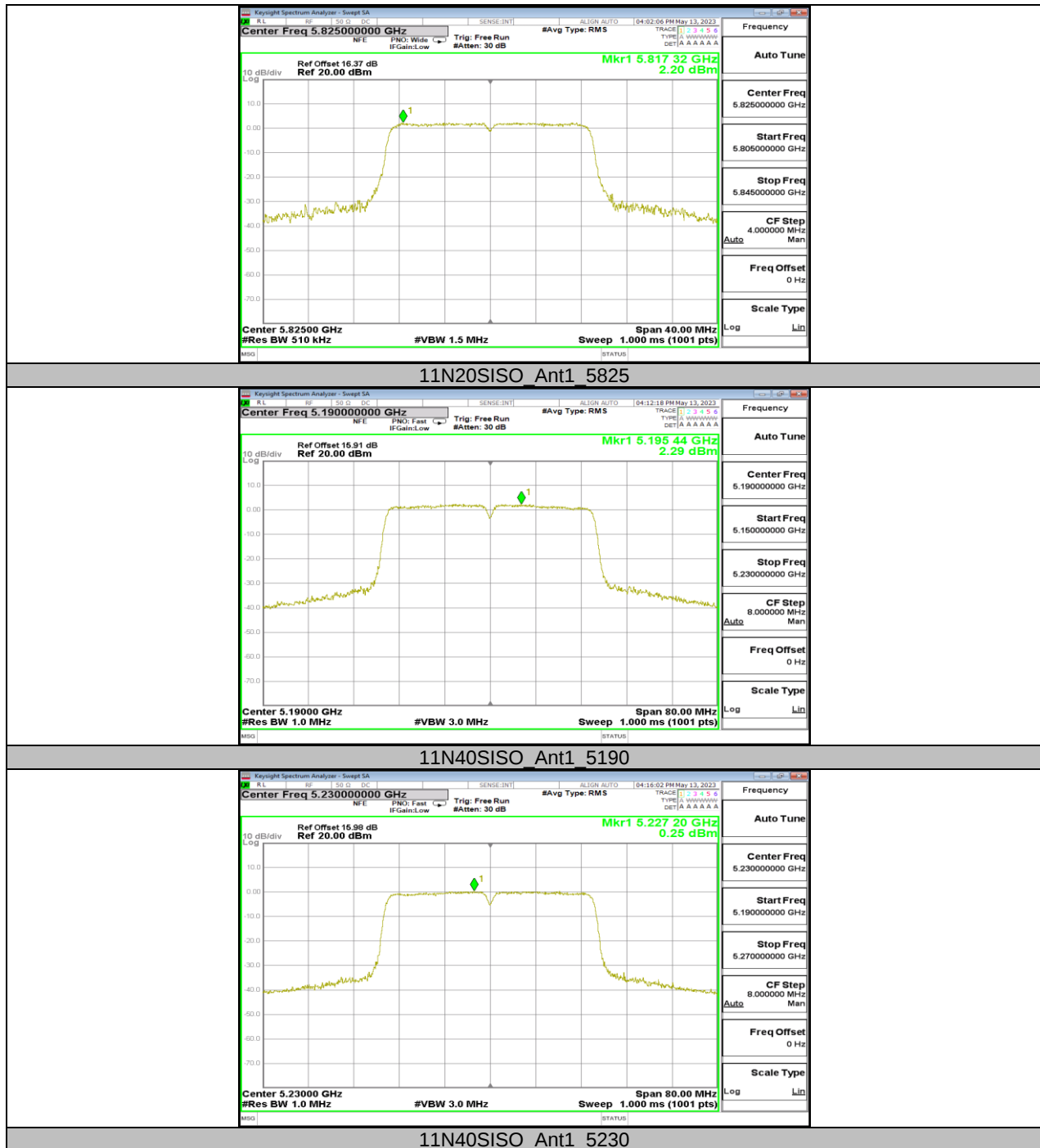


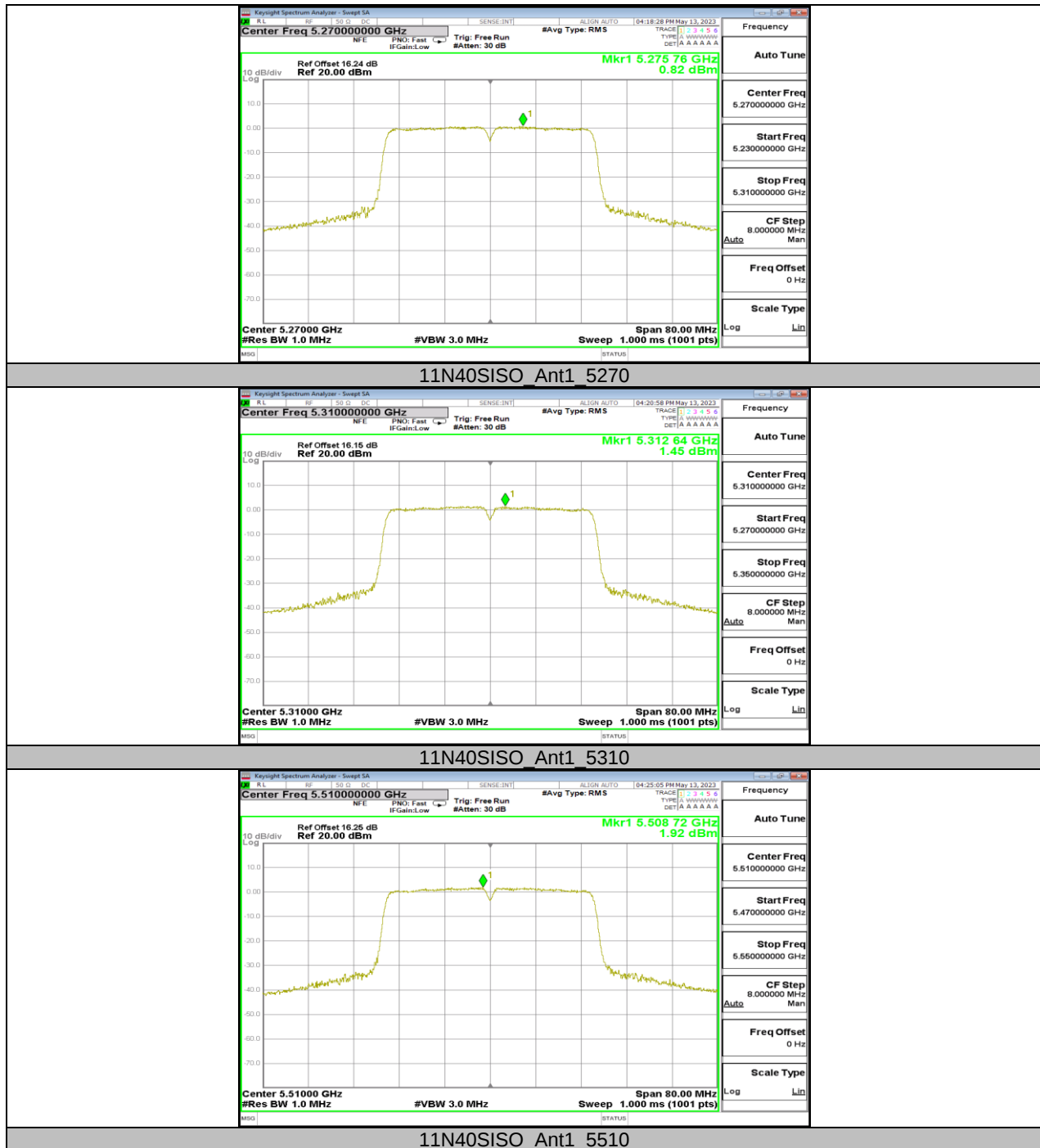


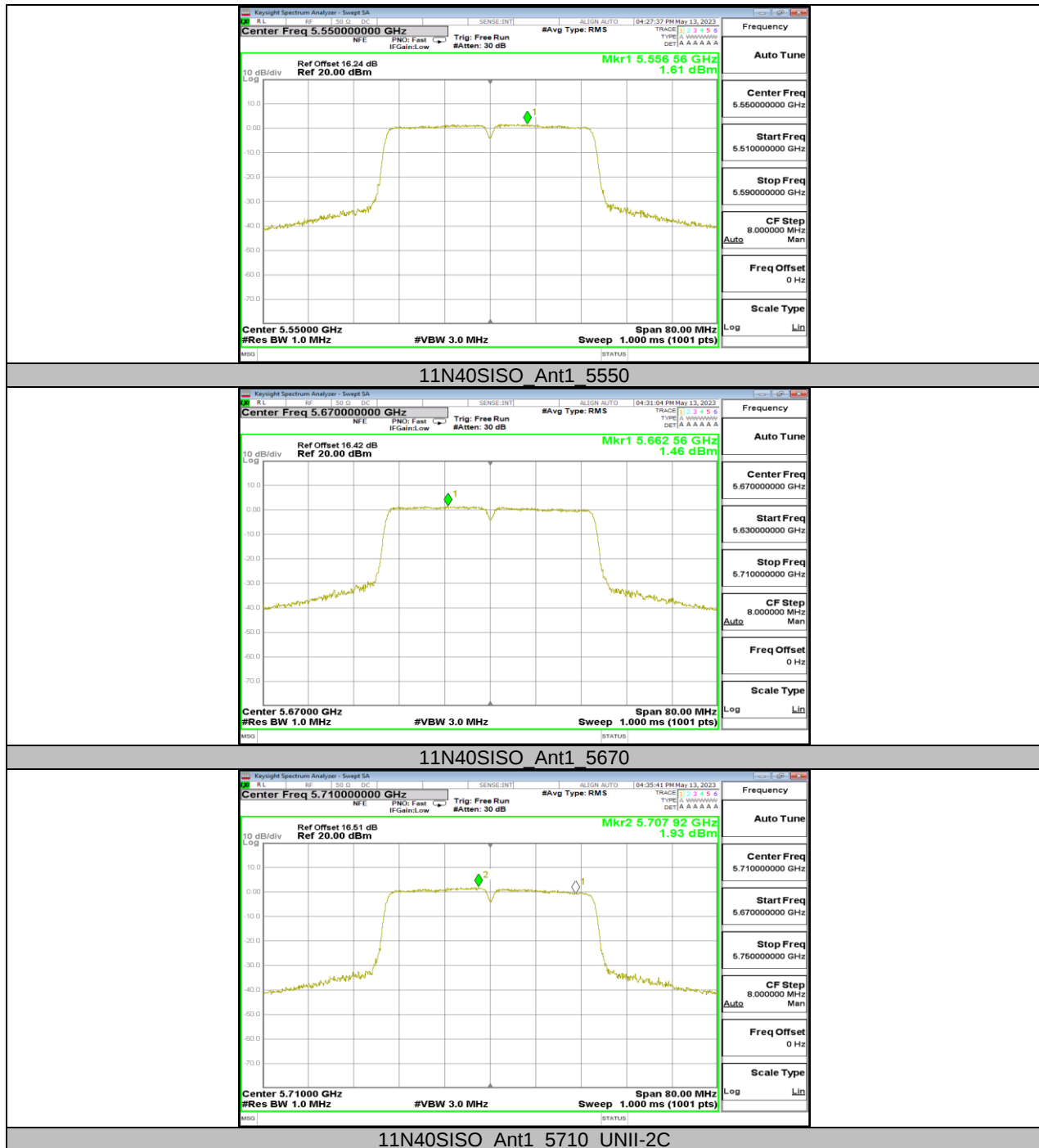


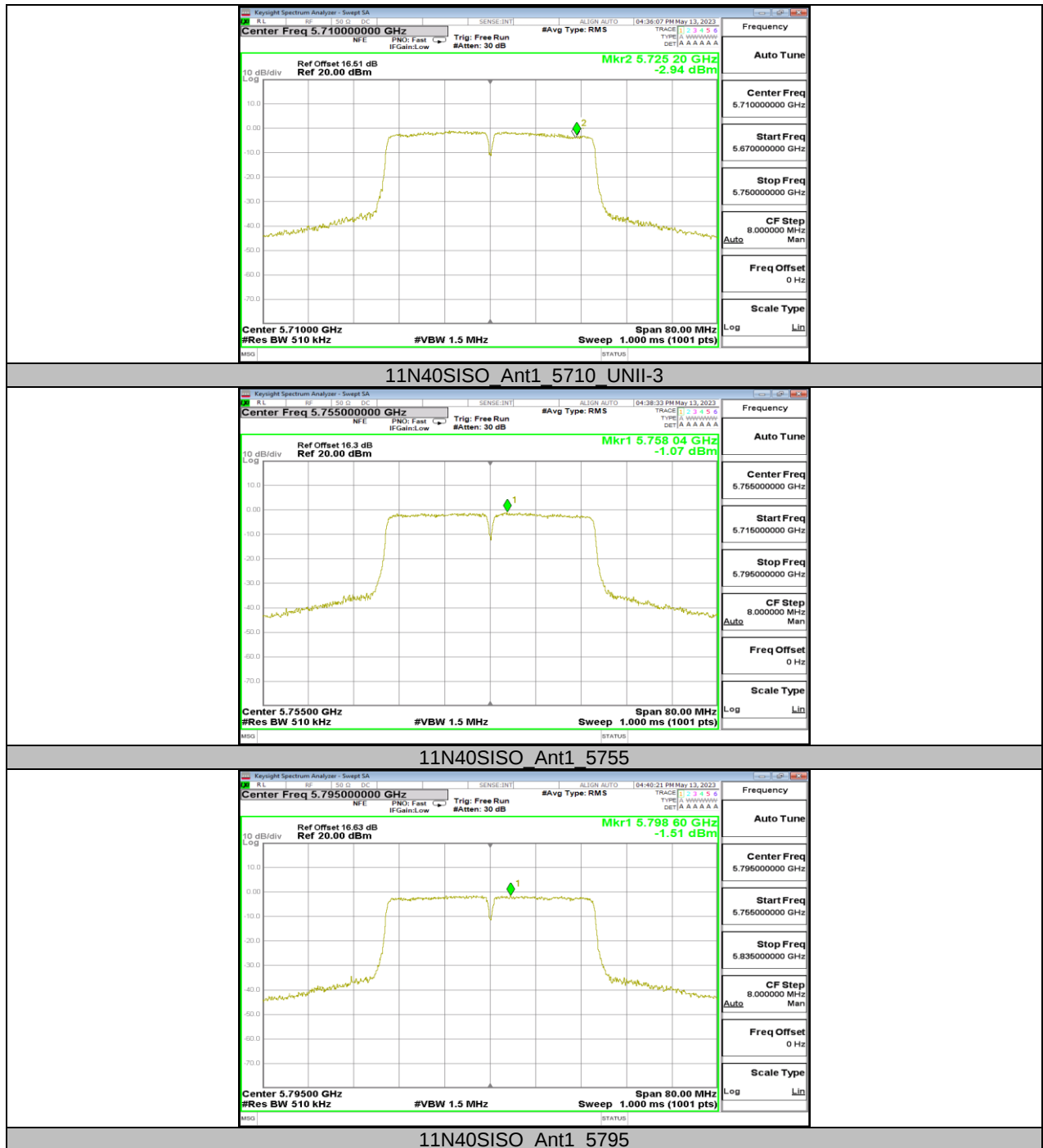


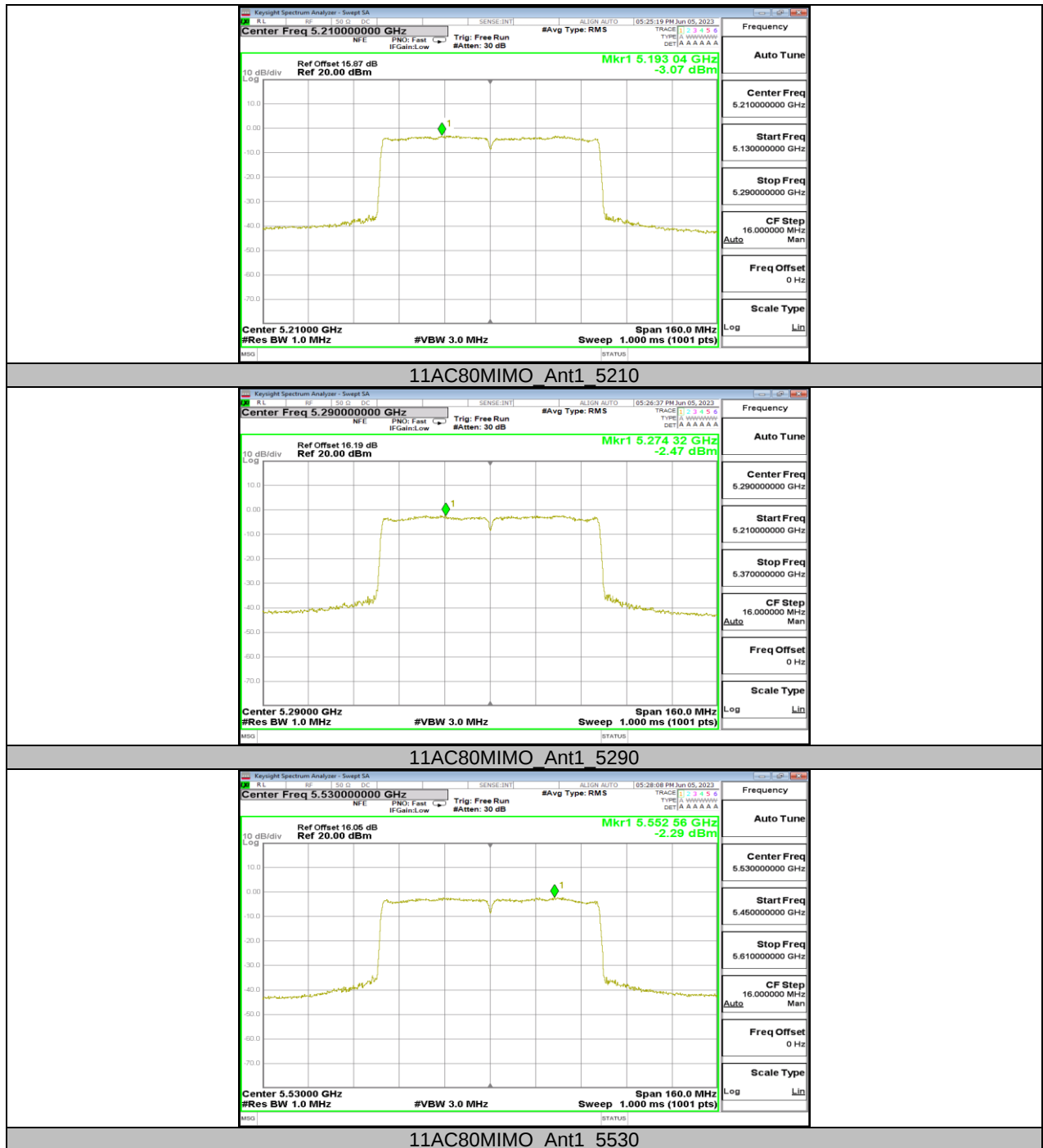


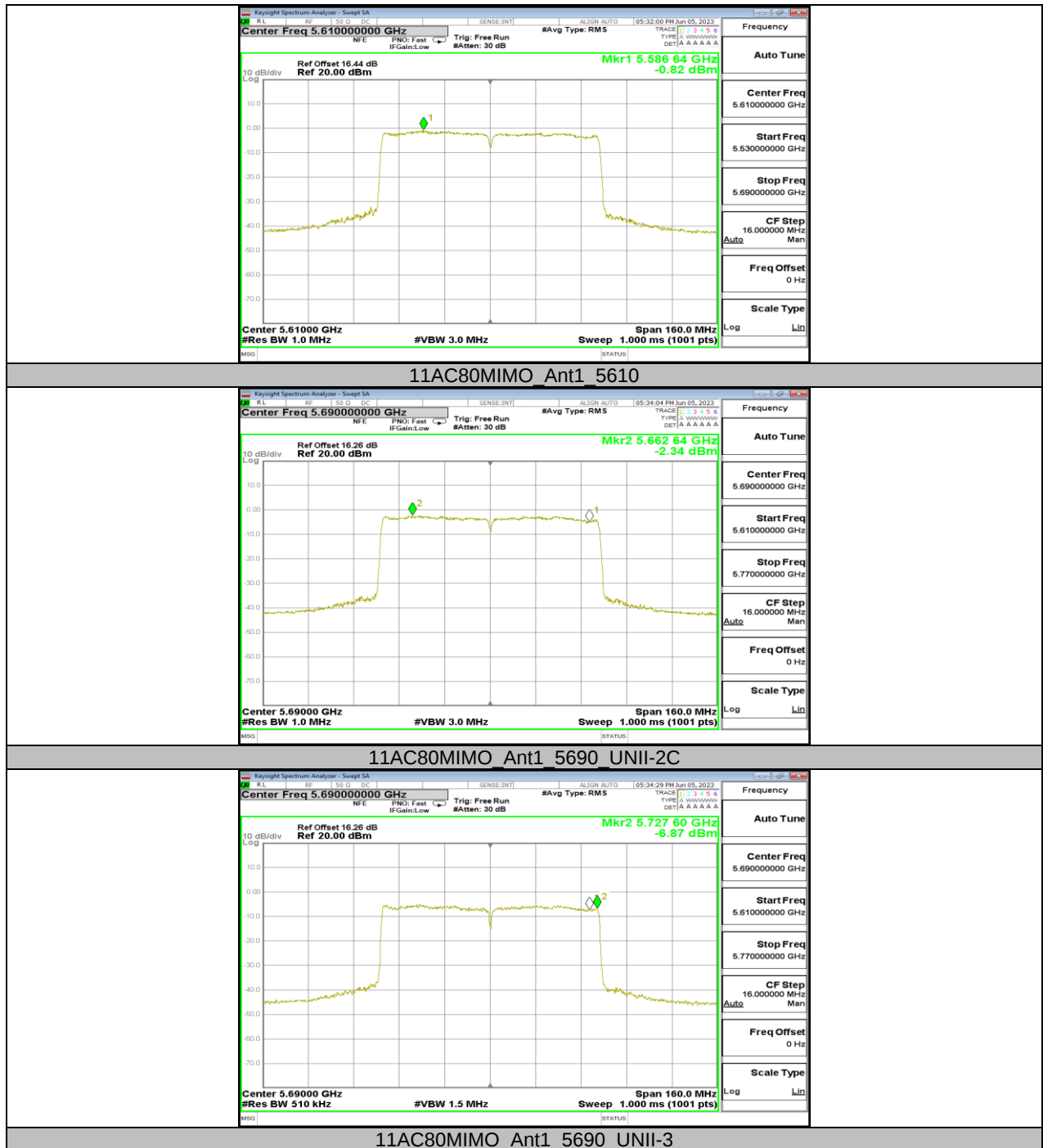


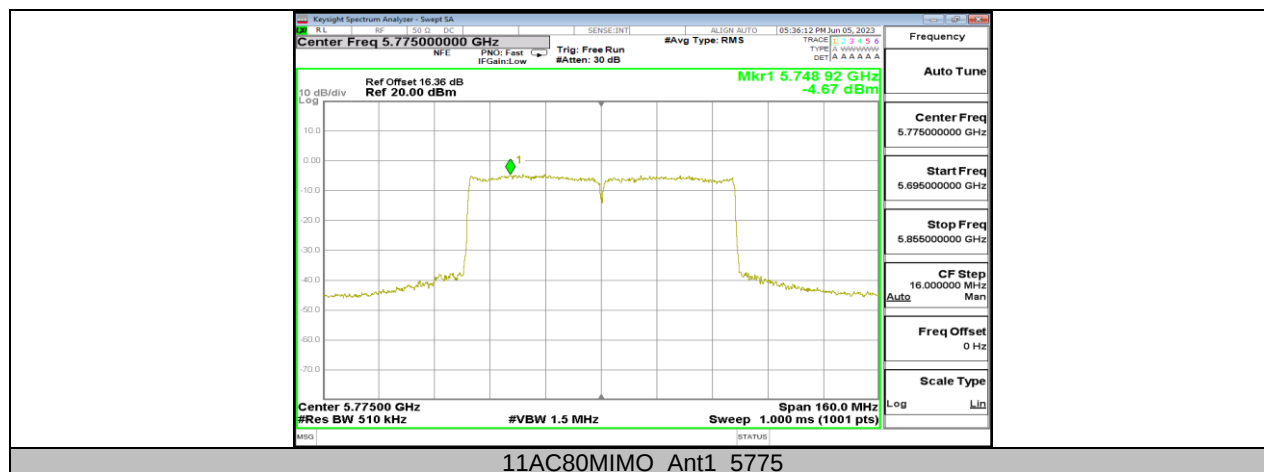












## 11.6. APPENDIX F: FREQUENCY STABILITY

### 11.6.1. Test Result

| Frequency Error vs. Voltage     |       |                  |                 |                  |                 |                  |                 |                  |                 |
|---------------------------------|-------|------------------|-----------------|------------------|-----------------|------------------|-----------------|------------------|-----------------|
| 802.11a:5200MHz                 |       |                  |                 |                  |                 |                  |                 |                  |                 |
| Temp.                           | Volt. | 0 Minute         |                 | 2 Minute         |                 | 5 Minute         |                 | 10 Minute        |                 |
|                                 |       | Freq.Error (MHz) | Tolerance (ppm) | Freq.Error (MHz) | Tolerance (ppm) | Freq.Error (MHz) | Tolerance (ppm) | Freq.Error (MHz) | Tolerance (ppm) |
| TN                              | VL    | 5199.9863        | -2.64           | 5200.0177        | 3.40            | 5200.0166        | 3.20            | 5199.9982        | -0.35           |
| TN                              | VN    | 5200.0072        | 1.39            | 5199.9859        | -2.70           | 5199.9897        | -1.99           | 5200.0171        | 3.29            |
| TN                              | VH    | 5200.0122        | 2.34            | 5199.9919        | -1.55           | 5199.9864        | -2.61           | 5200.0166        | 3.19            |
| Frequency Error vs. Temperature |       |                  |                 |                  |                 |                  |                 |                  |                 |
| 802.11a:5200MHz                 |       |                  |                 |                  |                 |                  |                 |                  |                 |
| Temp.                           | Volt. | 0 Minute         |                 | 2 Minute         |                 | 5 Minute         |                 | 10 Minute        |                 |
|                                 |       | Freq.Error (MHz) | Tolerance (ppm) | Freq.Error (MHz) | Tolerance (ppm) | Freq.Error (MHz) | Tolerance (ppm) | Freq.Error (MHz) | Tolerance (ppm) |
| 45                              | VN    | 5199.9787        | -4.10           | 5199.9840        | -3.07           | 5199.9795        | -3.93           | 5199.9998        | -0.04           |
| 40                              | VN    | 5200.0086        | 1.65            | 5199.9946        | -1.03           | 5200.0060        | 1.16            | 5200.0020        | 0.38            |
| 30                              | VN    | 5200.0193        | 3.71            | 5199.9926        | -1.43           | 5200.0186        | 3.58            | 5199.9771        | -4.41           |
| 20                              | VN    | 5199.9918        | -1.58           | 5200.0206        | 3.96            | 5199.9851        | -2.86           | 5199.9784        | -4.16           |
| 10                              | VN    | 5200.0032        | 0.61            | 5199.9935        | -1.25           | 5199.9758        | -4.65           | 5200.0133        | 2.55            |
| 0                               | VN    | 5199.9930        | -1.35           | 5199.9875        | -2.40           | 5200.0103        | 1.99            | 5199.9906        | -1.80           |
| -10                             | VN    | 5200.0250        | 4.80            | 5199.9877        | -2.36           | 5200.0191        | 3.67            | 5199.9948        | -1.00           |

Note:

1. All test modes and test channels have been tested, only the worst data record in the report.
2. For the detail Test Conditions, please refer to section 7.5 TEST ENVIRONMENT.

## 11.7. APPENDIX G: DUTY CYCLE

### 11.7.1. Test Result

| Test Mode  | On Time<br>(msec) | Period<br>(msec) | Duty Cycle<br>x<br>(Linear) | Duty Cycle<br>(%) | Duty Cycle<br>Correction<br>Factor<br>(dB) | 1/T<br>Minimum<br>VBW<br>(kHz) | Final<br>setting<br>For VBW<br>(kHz) |
|------------|-------------------|------------------|-----------------------------|-------------------|--------------------------------------------|--------------------------------|--------------------------------------|
| 11A        | 1.39              | 1.45             | 0.9586                      | 95.86             | 0.18                                       | 0.72                           | 1                                    |
| 11N20SISO  | 1.31              | 1.37             | 0.9562                      | 95.62             | 0.19                                       | 0.76                           | 1                                    |
| 11N40SISO  | 0.65              | 0.70             | 0.9286                      | 92.86             | 0.32                                       | 1.54                           | 2                                    |
| 11AC80SISO | 0.33              | 0.38             | 0.8684                      | 86.84             | 0.61                                       | 3.03                           | 4                                    |

Note:

Duty Cycle Correction Factor= $10\log(1/x)$ .

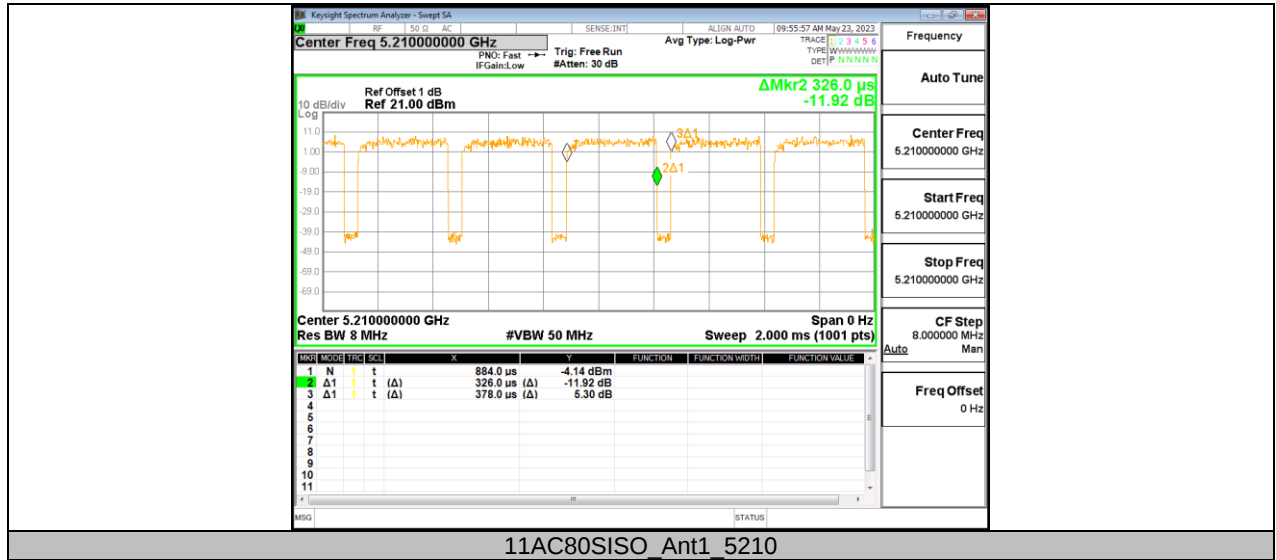
Where: x is Duty Cycle (Linear)

Where: T is On Time

If that calculated VBW is not available on the analyzer then the next higher value should be used.

## 11.7.2. Test Graphs





## 11.8. APPENDIX H: DFS DETECTION THRESHOLDS

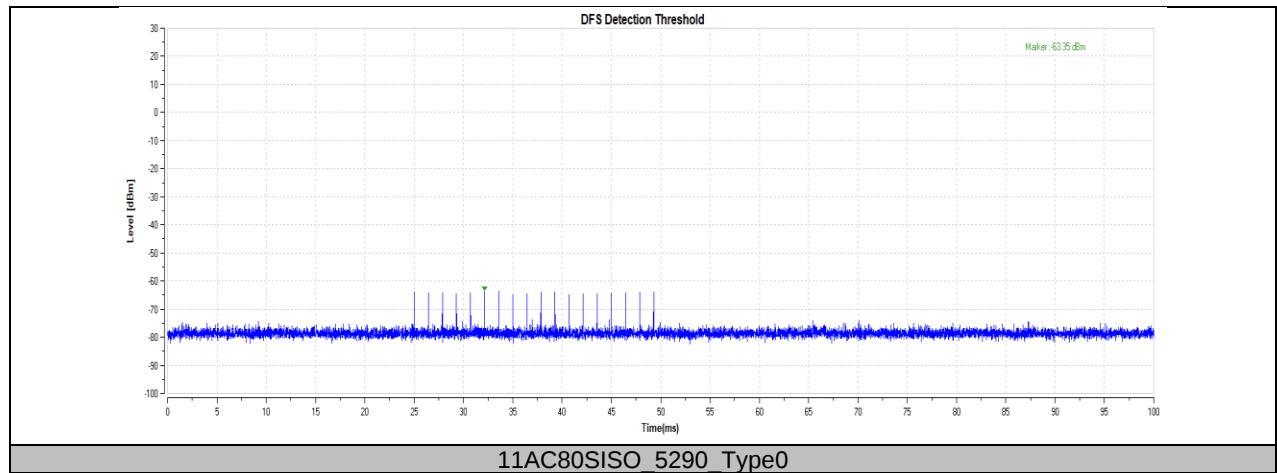
### 11.8.1. Test Result

| Test Mode  | Channel | Radar Type | Result | Limit[dbm] | Verdict |
|------------|---------|------------|--------|------------|---------|
| 11AC80SISO | 5290    | Type0      | -63.35 | -62.00     | PASS    |

Note:

1. Refer to 905462 D02 UNII DFS Compliance Procedures New Rules v02 table 2, the test using the widest BW mode available for the link.
2. Channel Move Time and the Channel Closing Transmission Time should be performed with Radar Type 0. The measurement timing begins at the end of the Radar Type 0 burst.

## 11.8.2. Test Graphs



## 11.9. APPENDIX I: CHANNEL MOVE TIME AND CHANNEL CLOSING TRANSMISSION TIME

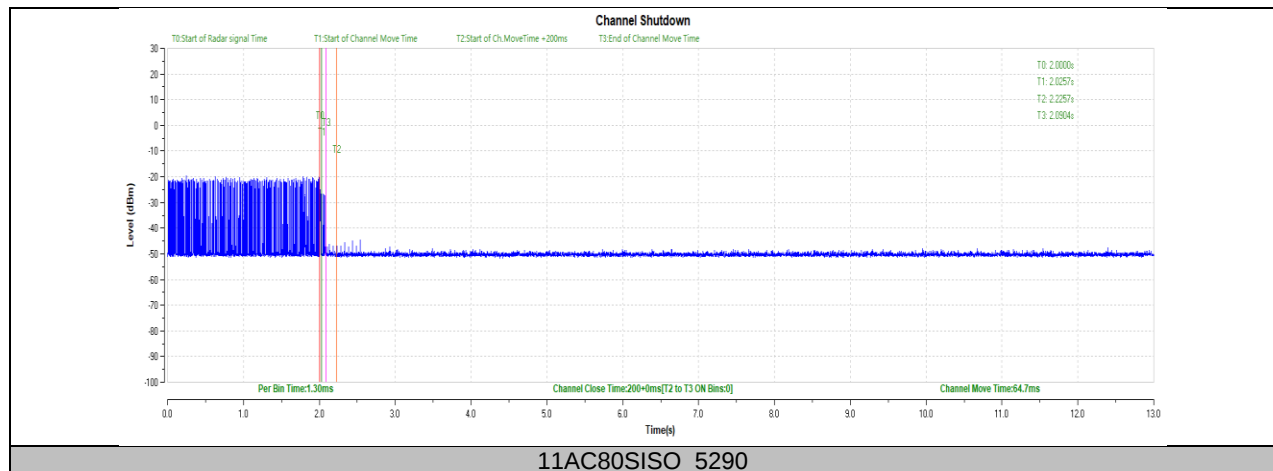
### 11.9.1. Test Result

| Test Mode  | Channel | CCT[ms] | Limit[ms] | CMT[ms] | Limit[ms] | Verdict |
|------------|---------|---------|-----------|---------|-----------|---------|
| 11AC80SISO | 5290    | 200+0   | 200+60    | 64.7    | 10000     | PASS    |

Note:

1. Refer to 905462 D02 UNII DFS Compliance Procedures New Rules v02 table 2, the test using the widest BW mode available for the link.
2. Channel Move Time and the Channel Closing Transmission Time should be performed with Radar Type 0. The measurement timing begins at the end of the Radar Type 0 burst.

## 11.9.2. Test Graphs



## 11.10. APPENDIX J: NON-OCCUPANCY PERIOD

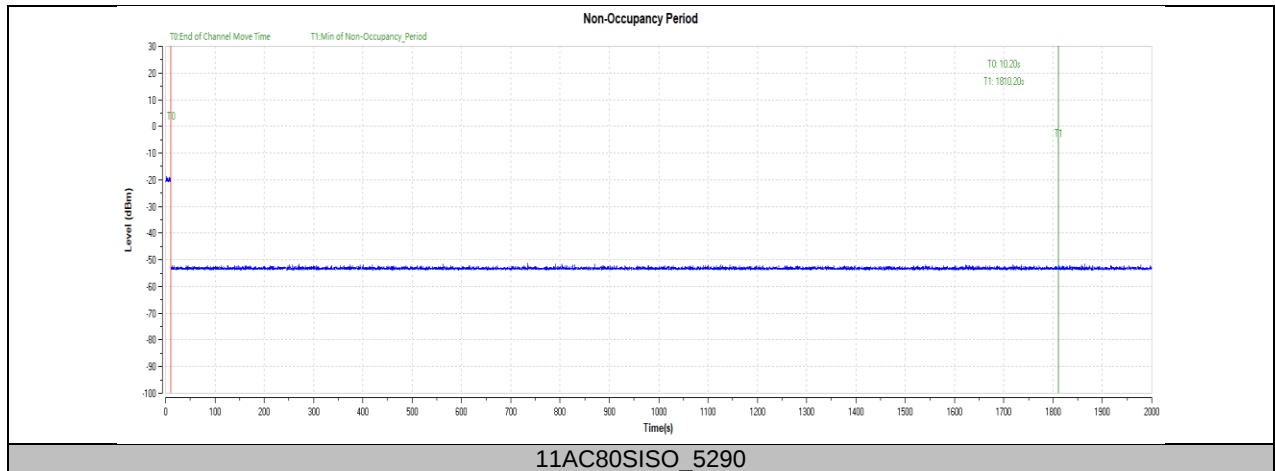
### 11.10.1. Test Result

| Test Mode  | Channel | Result         | Limit[s] | Verdict |
|------------|---------|----------------|----------|---------|
| 11AC80SISO | 5290    | see test graph | ≥1800    | PASS    |

Note:

1. Refer to 905462 D02 UNII DFS Compliance Procedures New Rules v02 table 2, the test using the widest BW mode available for the link.
2. Channel Move Time and the Channel Closing Transmission Time should be performed with Radar Type 0. The measurement timing begins at the end of the Radar Type 0 burst.

### 11.10.2. Test Graphs



**END OF REPORT**