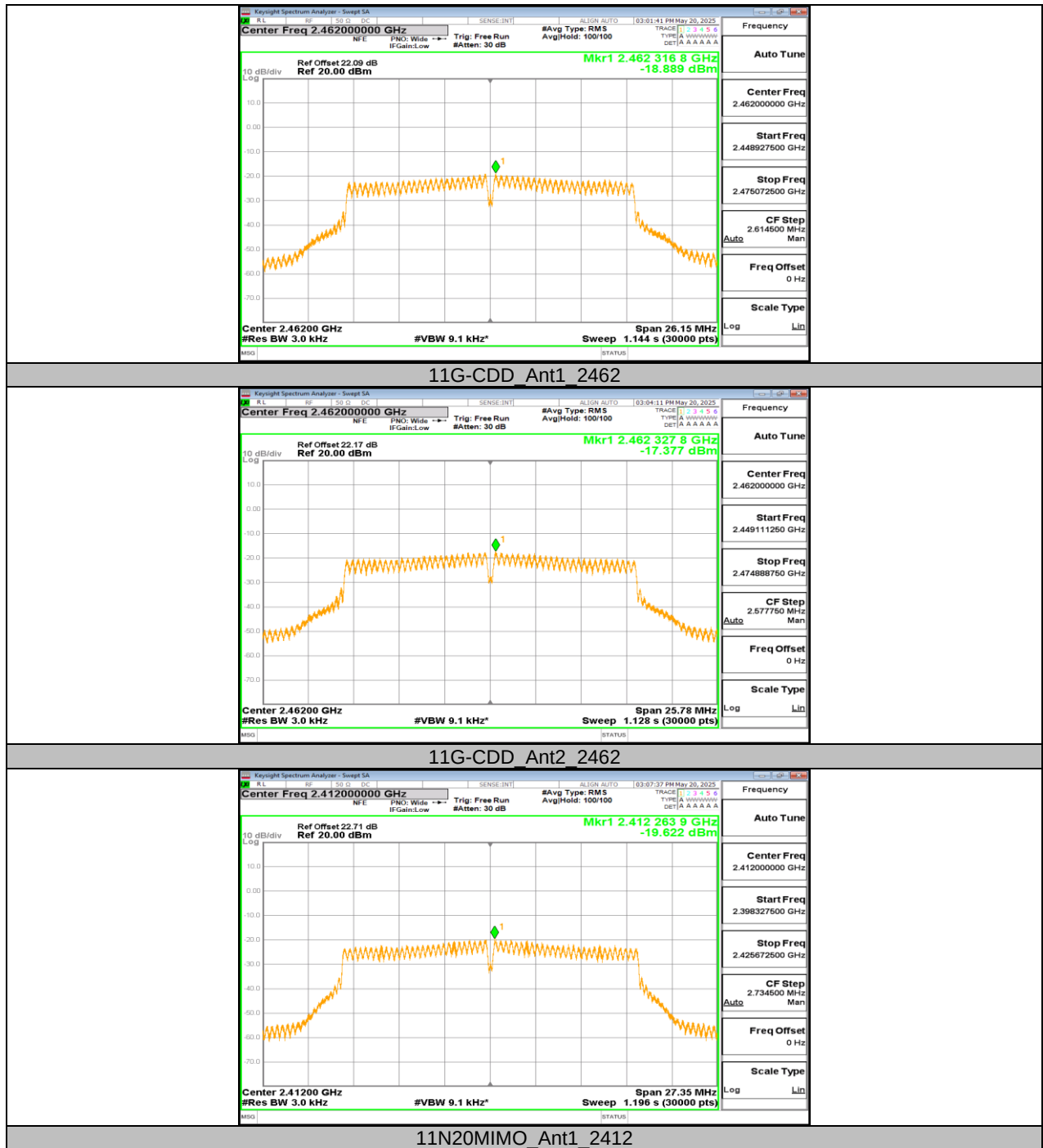
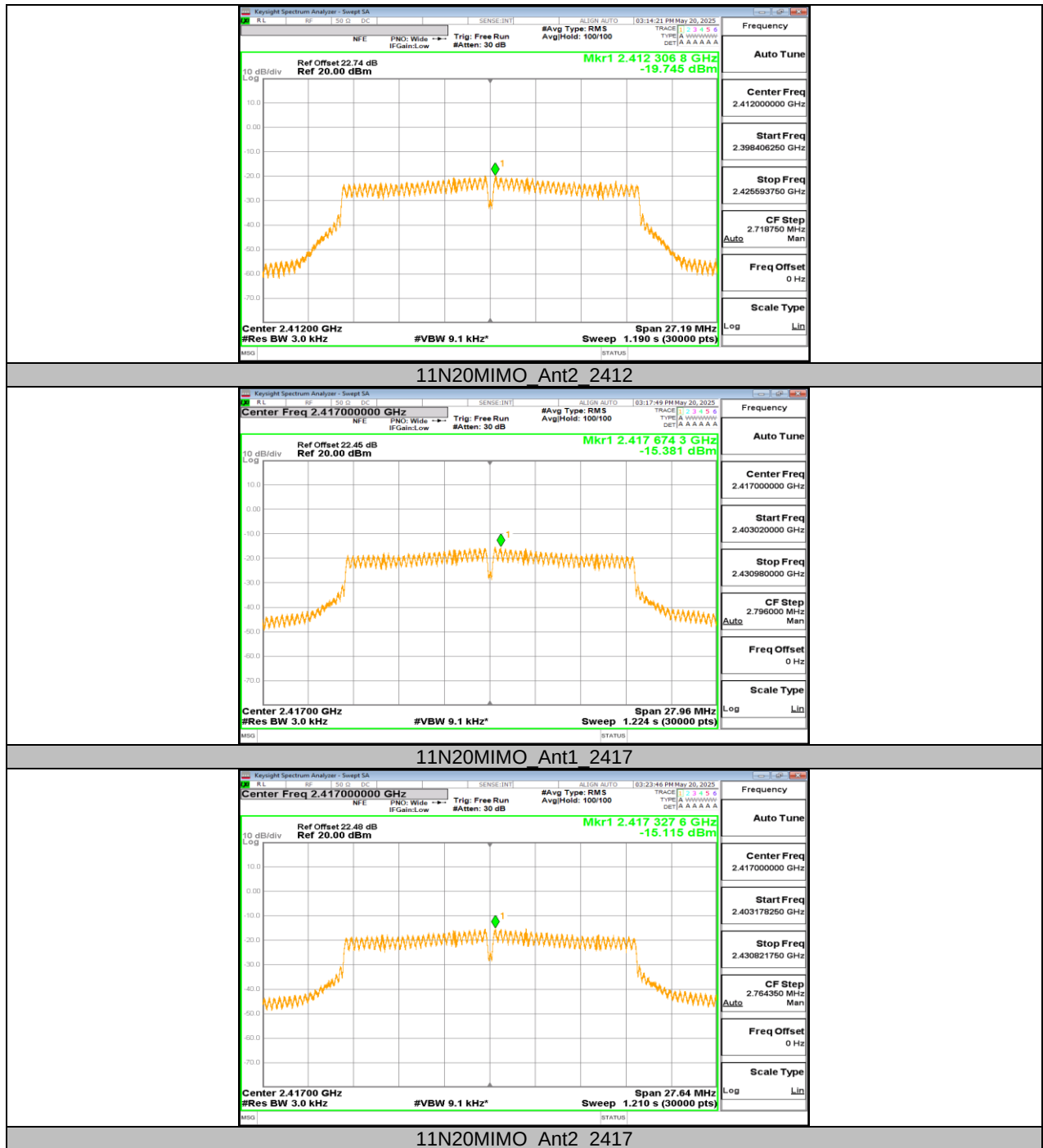
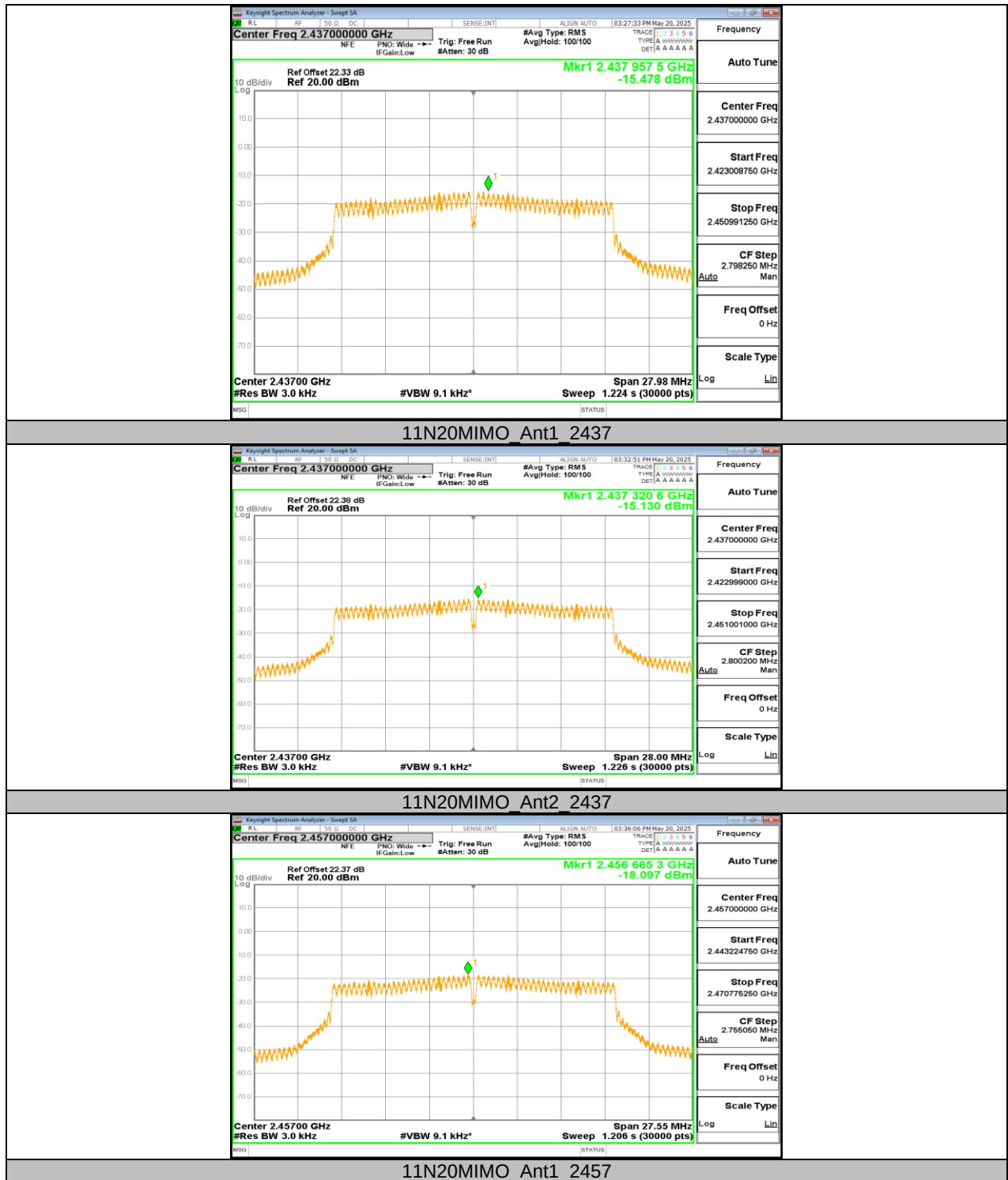
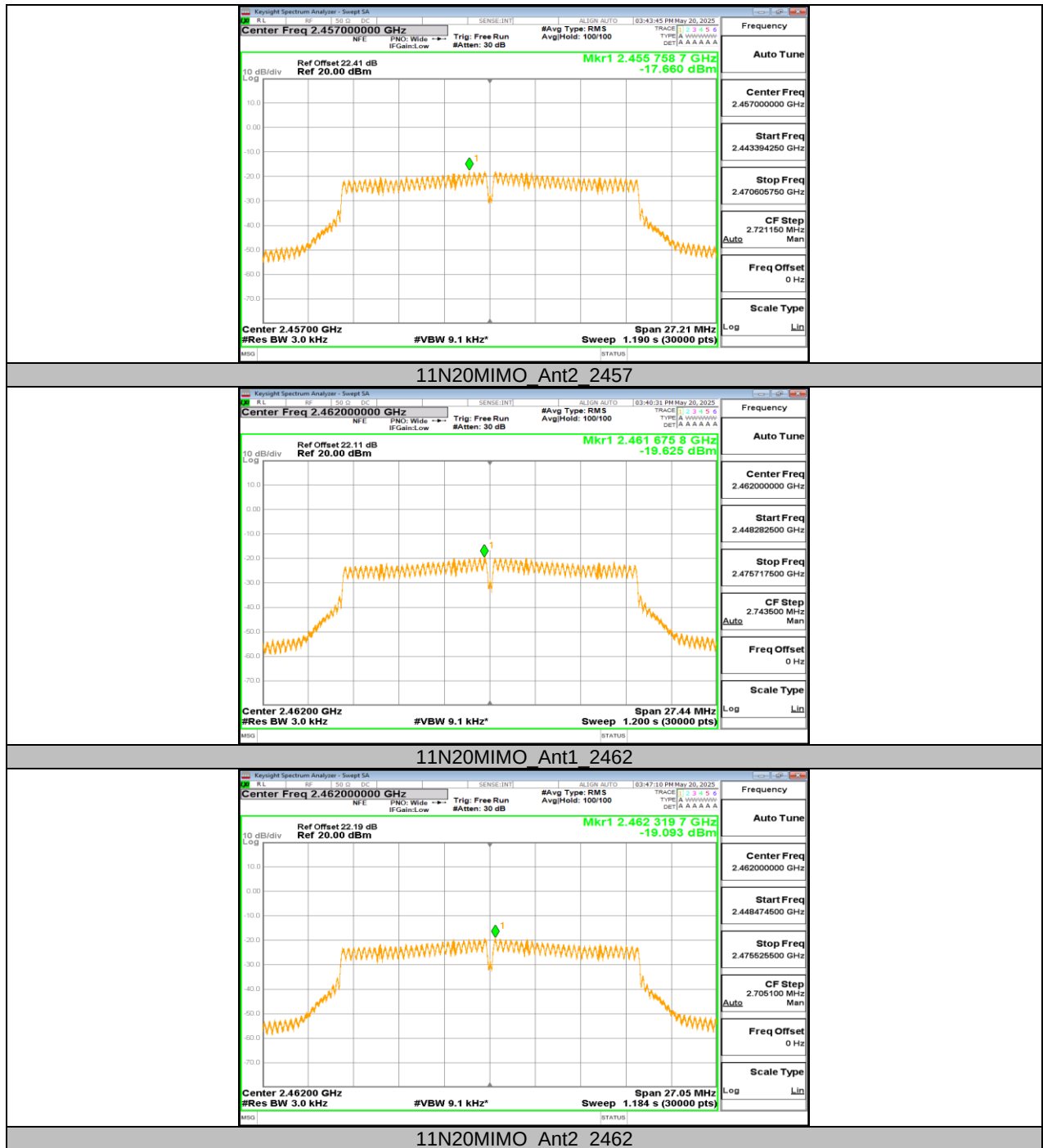
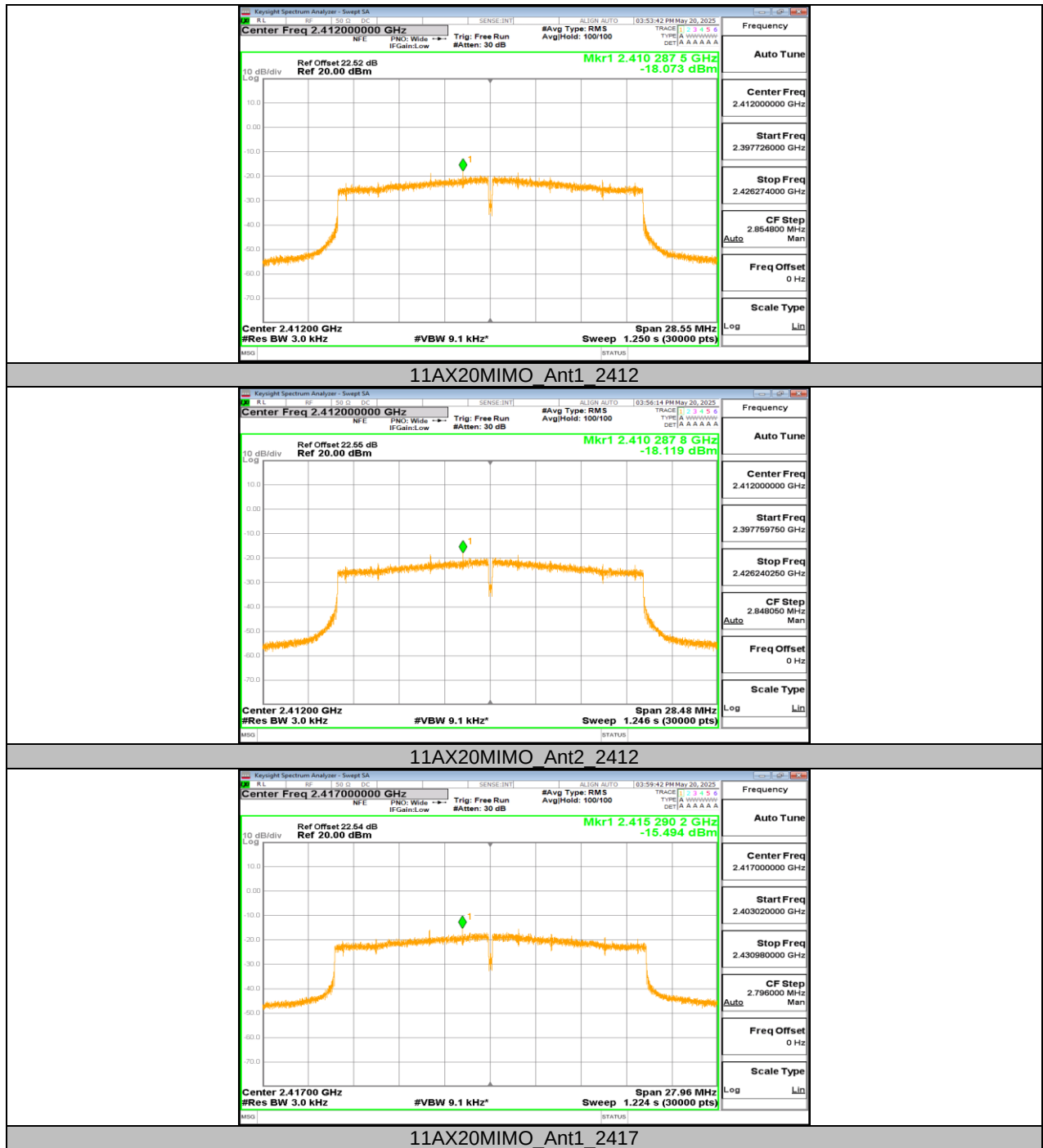


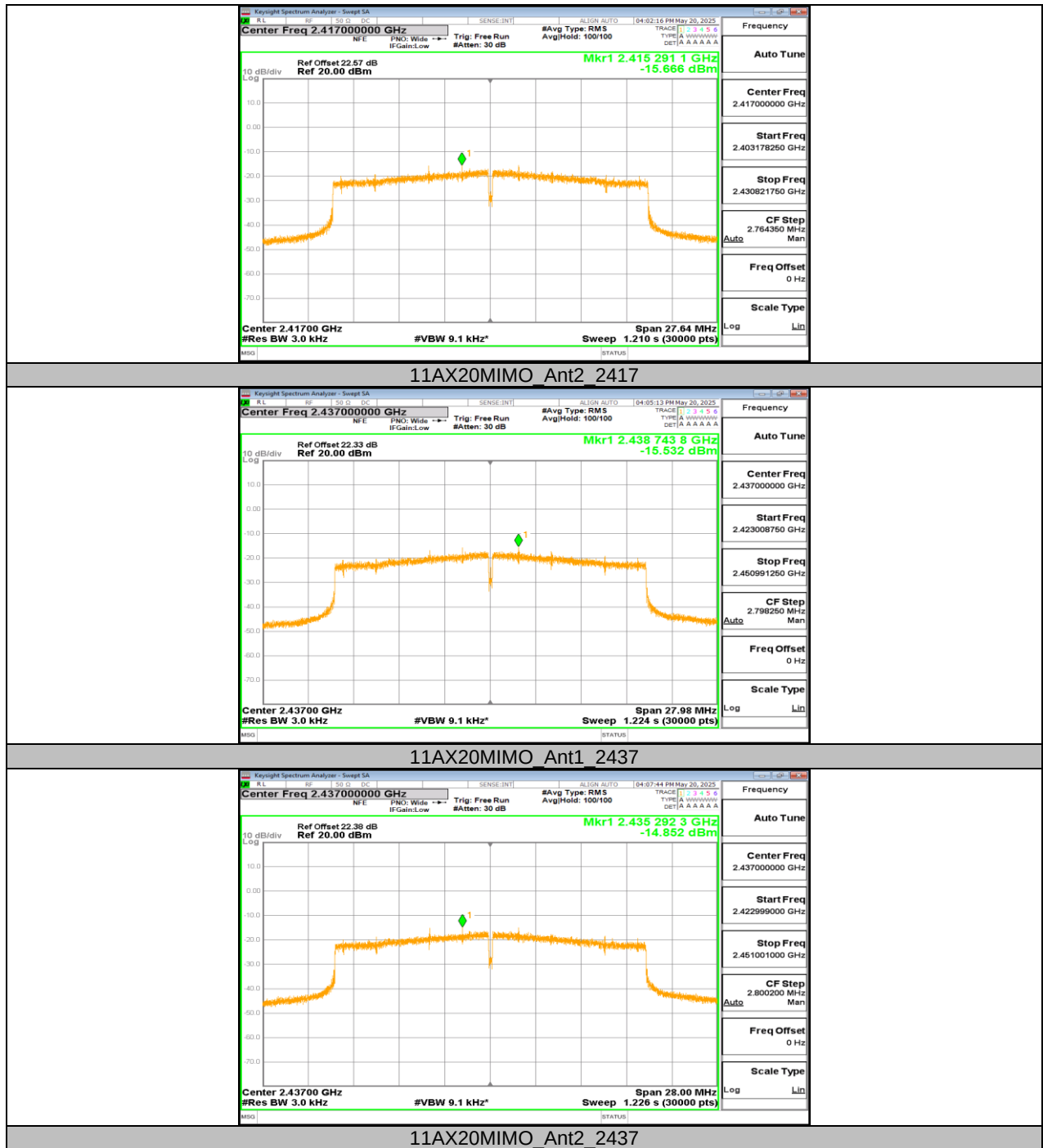


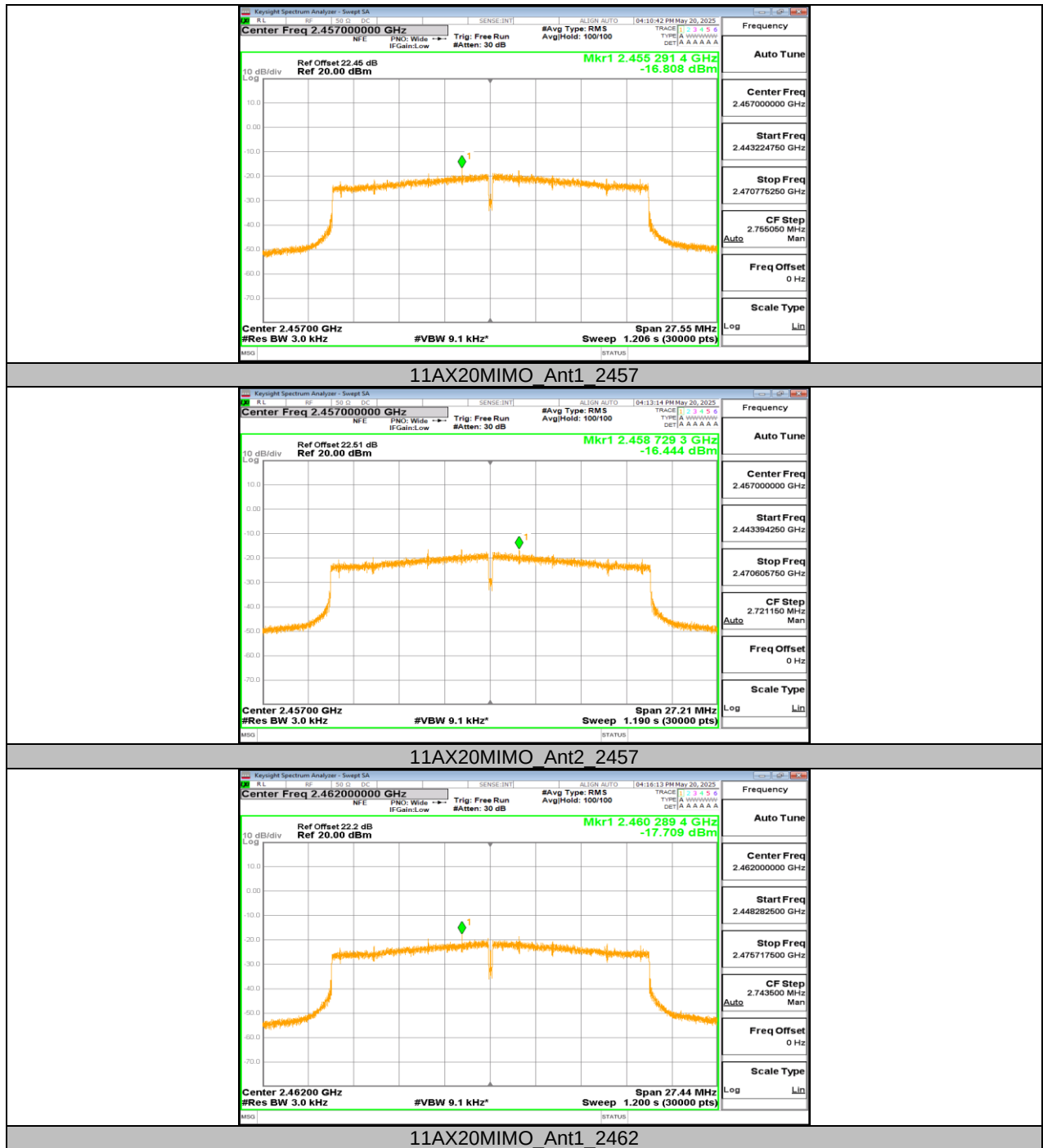


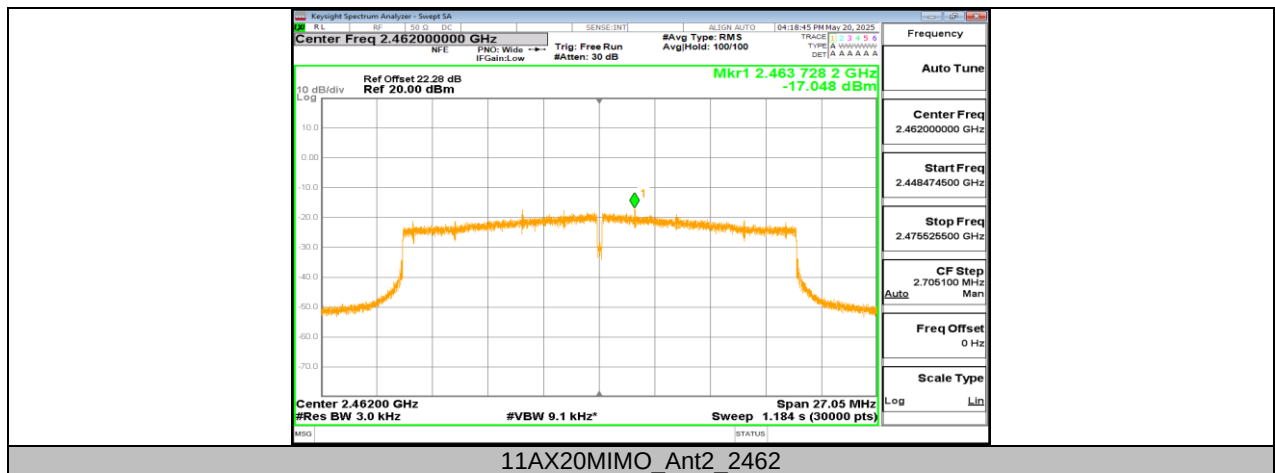












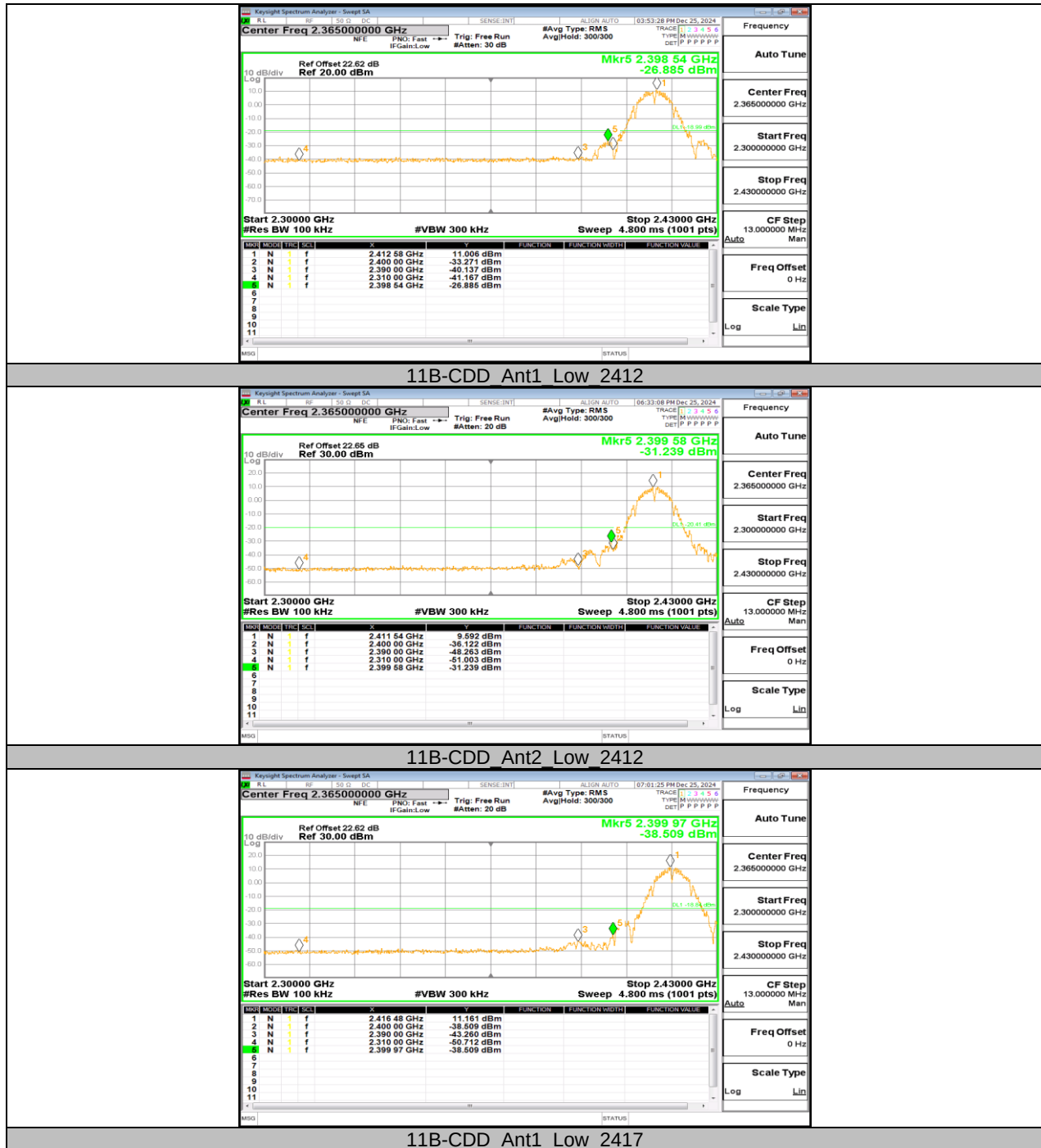


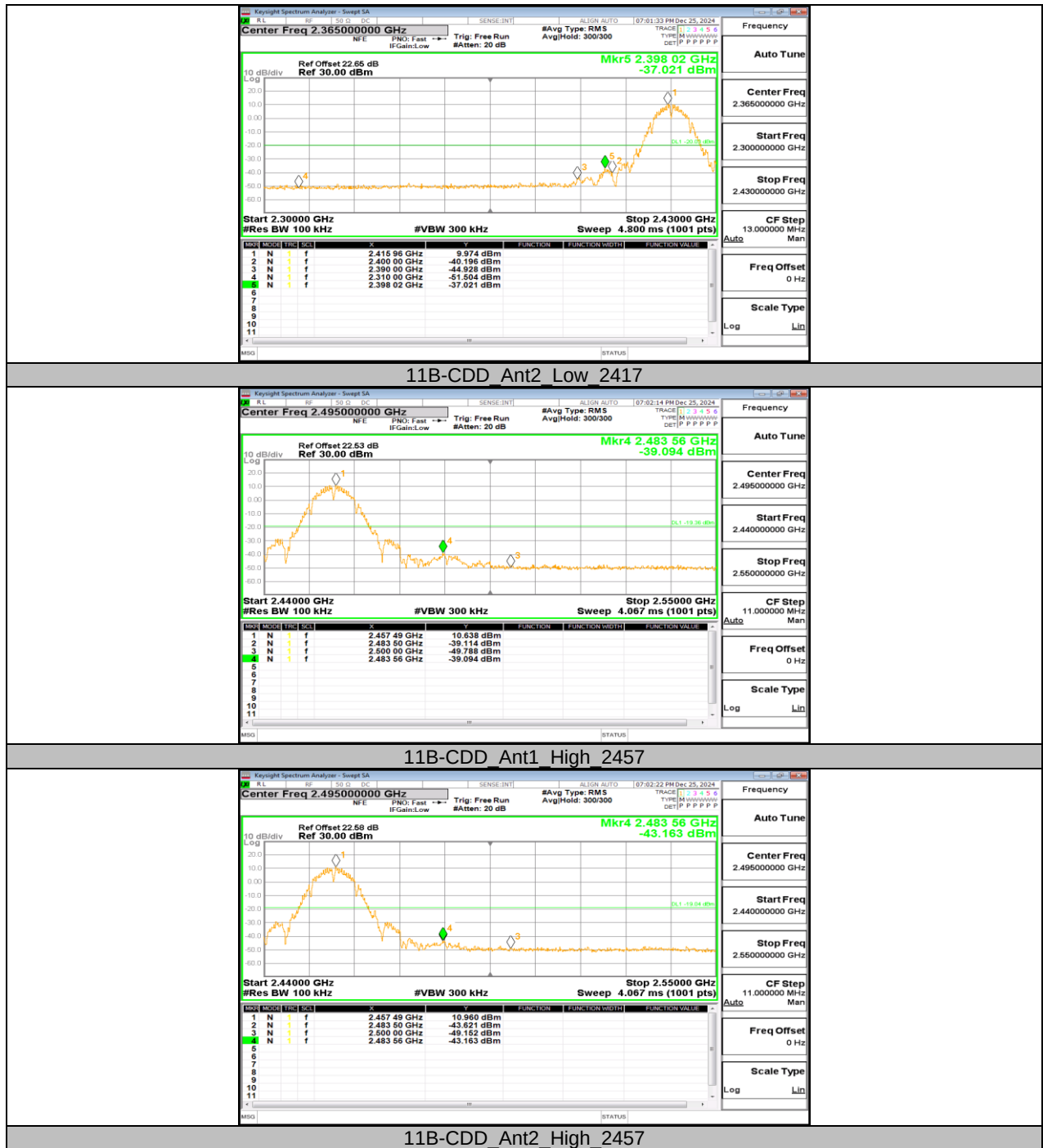
## 11.5. APPENDIX E: BAND EDGE MEASUREMENTS

### 11.5.1. Test Result

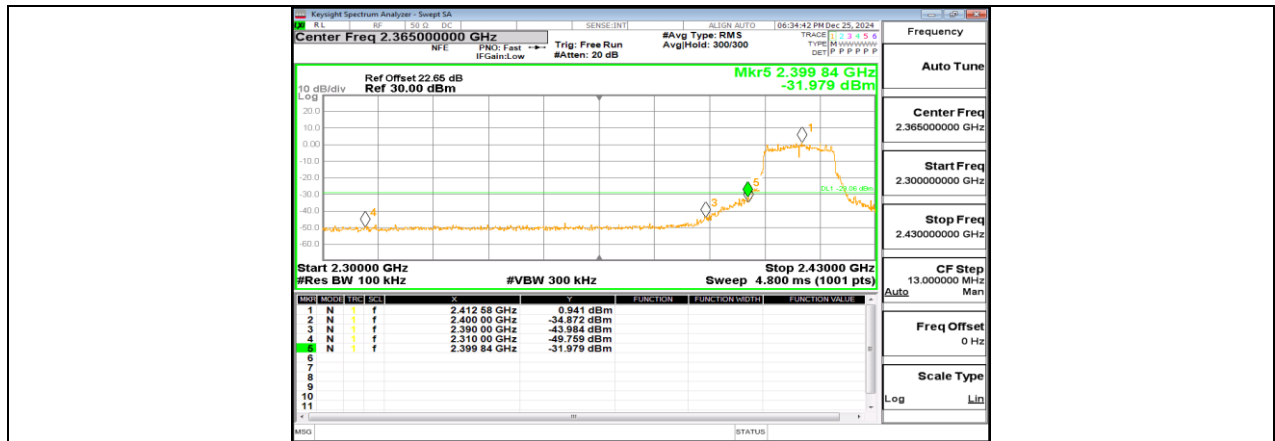
| Test Mode  | Antenna | ChName | Frequency [MHz] | RefLevel [dBm] | Result[dBm] | Limit[dBm] | Verdict |
|------------|---------|--------|-----------------|----------------|-------------|------------|---------|
| 11B-CDD    | Ant1    | Low    | 2412            | 11.01          | -26.89      | ≤-18.99    | PASS    |
|            | Ant2    | Low    | 2412            | 9.59           | -31.24      | ≤-20.41    | PASS    |
|            | Ant1    | Low    | 2417            | 11.16          | -38.51      | ≤-18.84    | PASS    |
|            | Ant2    | Low    | 2417            | 9.97           | -37.02      | ≤-20.03    | PASS    |
|            | Ant1    | High   | 2457            | 10.64          | -39.09      | ≤-19.36    | PASS    |
|            | Ant2    | High   | 2457            | 10.96          | -43.16      | ≤-19.04    | PASS    |
|            | Ant1    | High   | 2462            | 9.85           | -36.54      | ≤-20.15    | PASS    |
|            | Ant2    | High   | 2462            | 10.68          | -37.67      | ≤-19.32    | PASS    |
| 11G-CDD    | Ant1    | Low    | 2412            | 1.76           | -29.34      | ≤-28.24    | PASS    |
|            | Ant2    | Low    | 2412            | 0.94           | -31.98      | ≤-29.06    | PASS    |
|            | Ant1    | Low    | 2417            | 5.59           | -26.36      | ≤-24.41    | PASS    |
|            | Ant2    | Low    | 2417            | 3.60           | -27.74      | ≤-26.4     | PASS    |
|            | Ant1    | High   | 2457            | 4.29           | -41.13      | ≤-25.71    | PASS    |
|            | Ant2    | High   | 2457            | 5.49           | -42.71      | ≤-24.51    | PASS    |
|            | Ant1    | High   | 2462            | 3.07           | -36.53      | ≤-26.93    | PASS    |
|            | Ant2    | High   | 2462            | 4.73           | -35.29      | ≤-25.27    | PASS    |
| 11N20MIMO  | Ant1    | Low    | 2412            | 1.49           | -29.49      | ≤-28.51    | PASS    |
|            | Ant2    | Low    | 2412            | 0.67           | -32.23      | ≤-29.33    | PASS    |
|            | Ant1    | High   | 2462            | 2.13           | -36.66      | ≤-27.87    | PASS    |
|            | Ant2    | High   | 2462            | 3.79           | -33.32      | ≤-26.21    | PASS    |
| 11AX20MIMO | Ant1    | Low    | 2412            | 2.35           | -28.28      | ≤-27.65    | PASS    |
|            | Ant2    | Low    | 2412            | 1.44           | -30.61      | ≤-28.56    | PASS    |
|            | Ant1    | Low    | 2417            | 5.39           | -26.55      | ≤-24.61    | PASS    |
|            | Ant2    | Low    | 2417            | 5.31           | -25.42      | ≤-24.69    | PASS    |
|            | Ant1    | High   | 2457            | 4.06           | -41.64      | ≤-25.94    | PASS    |
|            | Ant2    | High   | 2457            | 3.56           | -42.1       | ≤-26.44    | PASS    |
|            | Ant1    | High   | 2462            | 2.34           | -37.24      | ≤-27.66    | PASS    |
|            | Ant2    | High   | 2462            | 3.81           | -35.99      | ≤-26.19    | PASS    |

## 11.5.2. Test Graphs

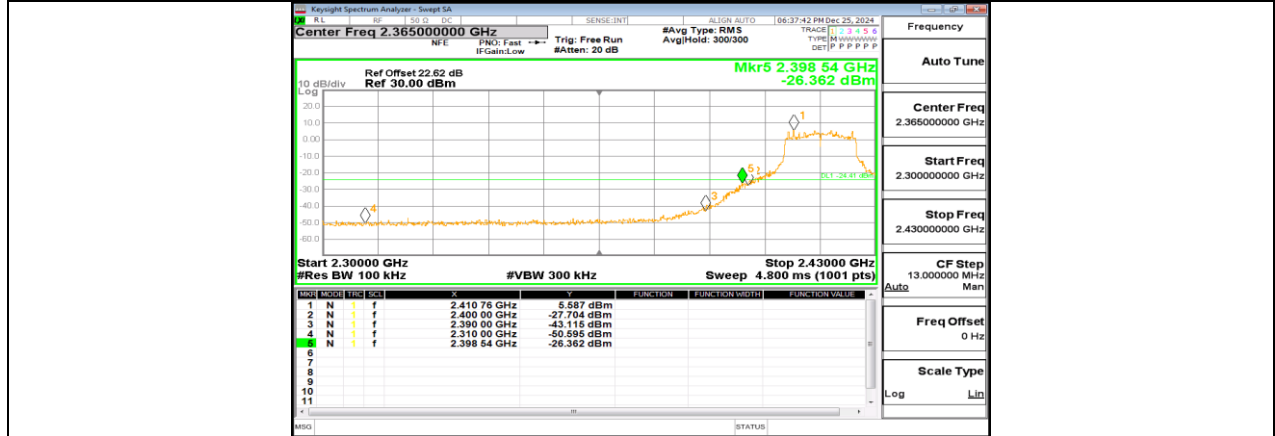




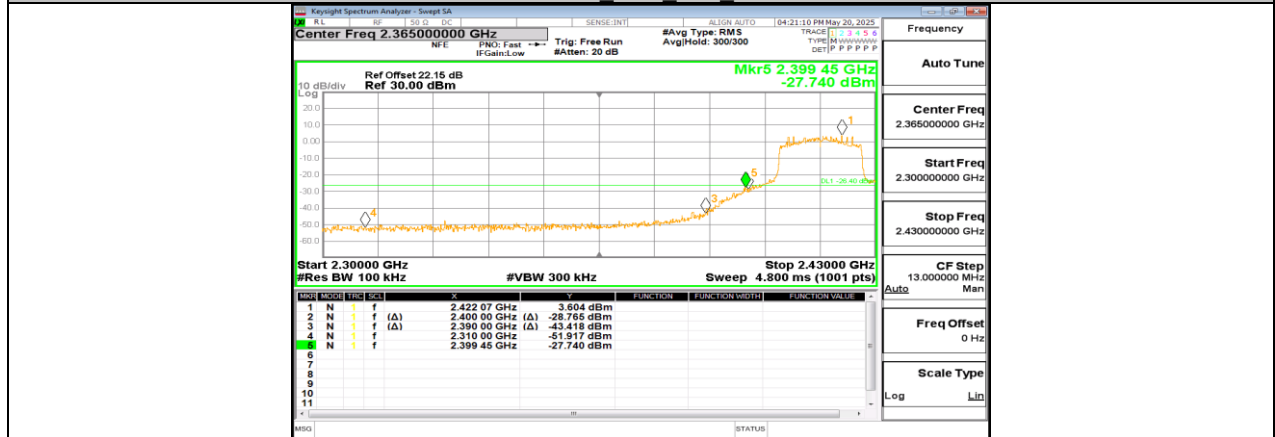




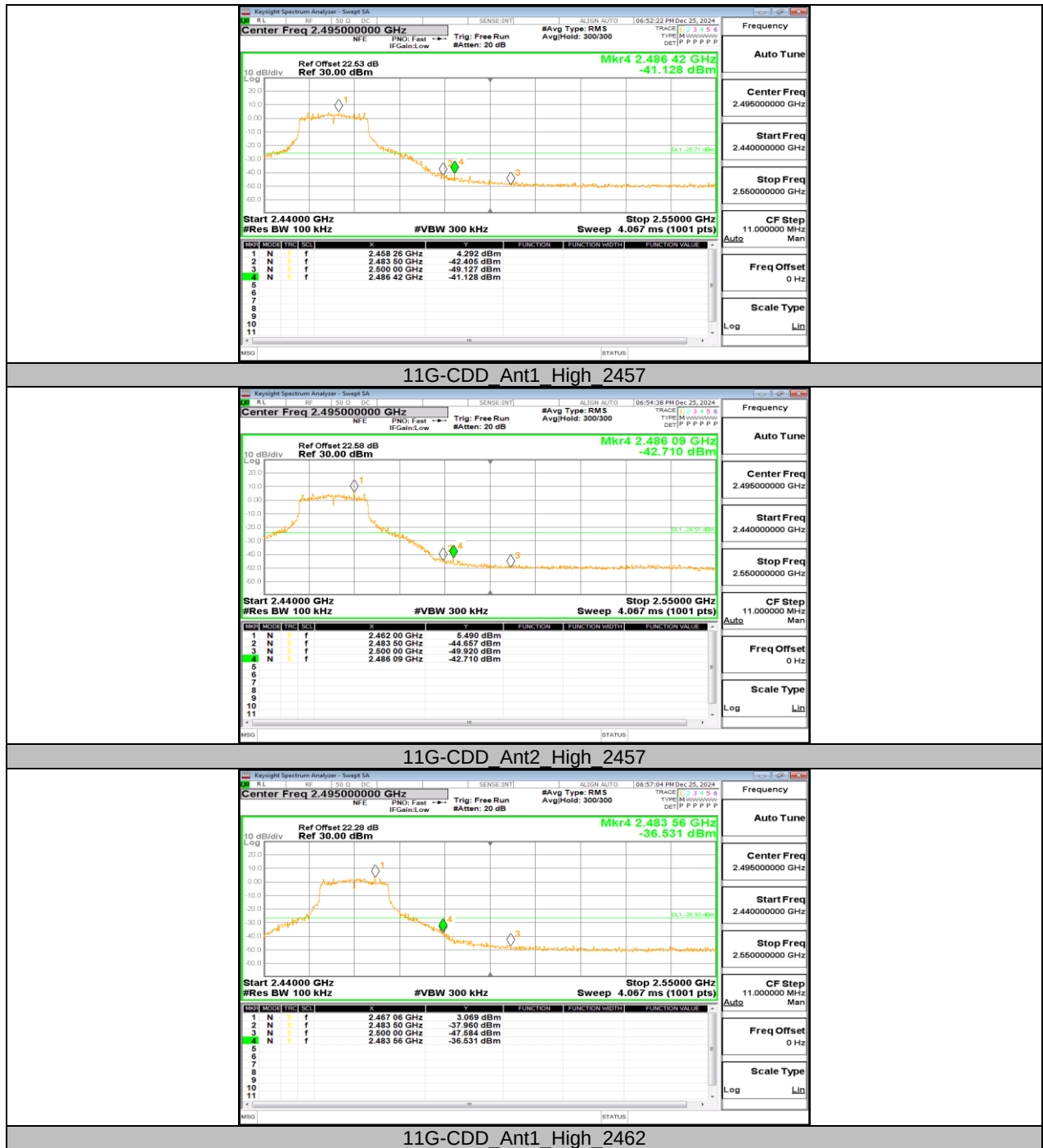
11G-CDD Ant2 Low 2412

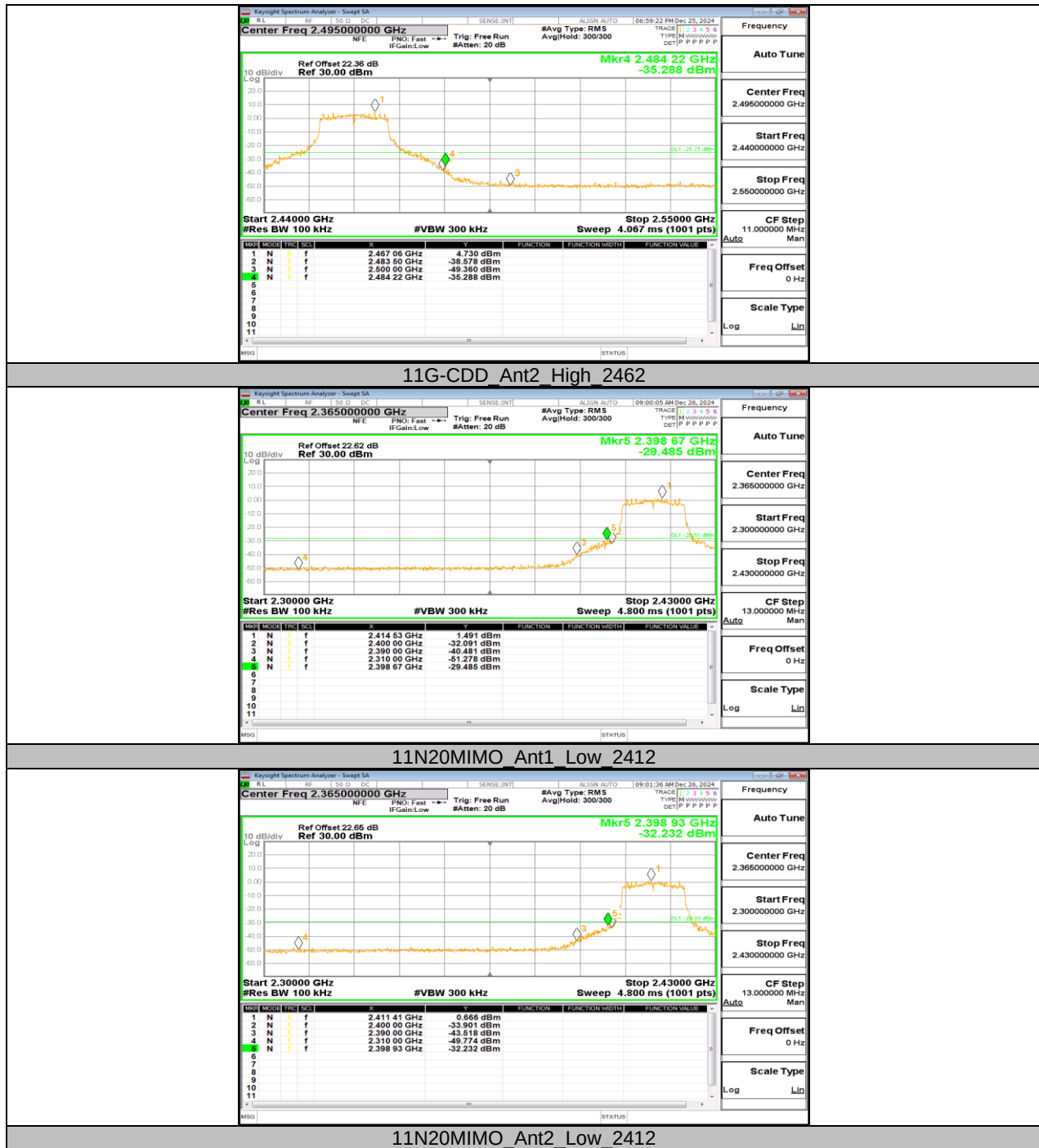


11G-CDD Ant1 Low 2417



11G-CDD Ant2 Low 2417



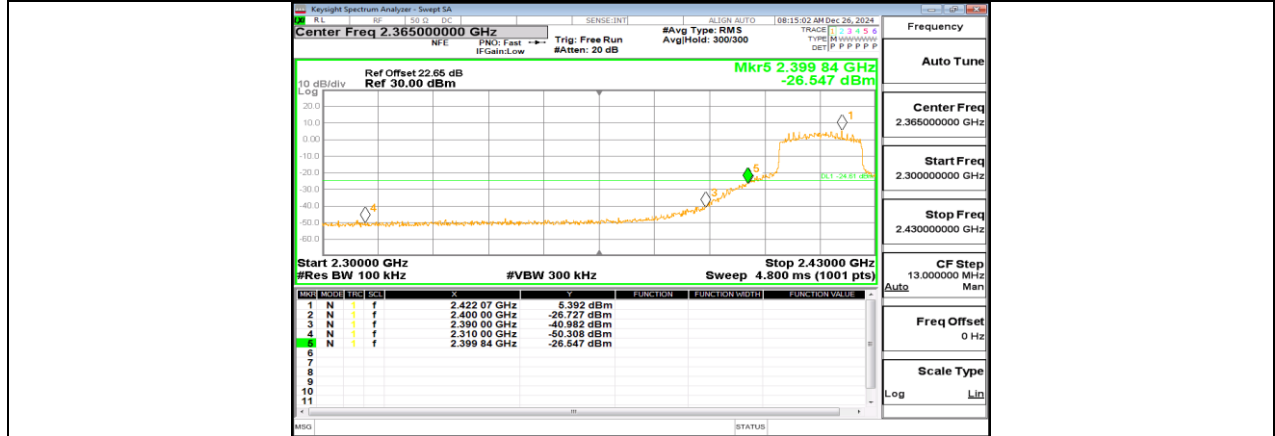




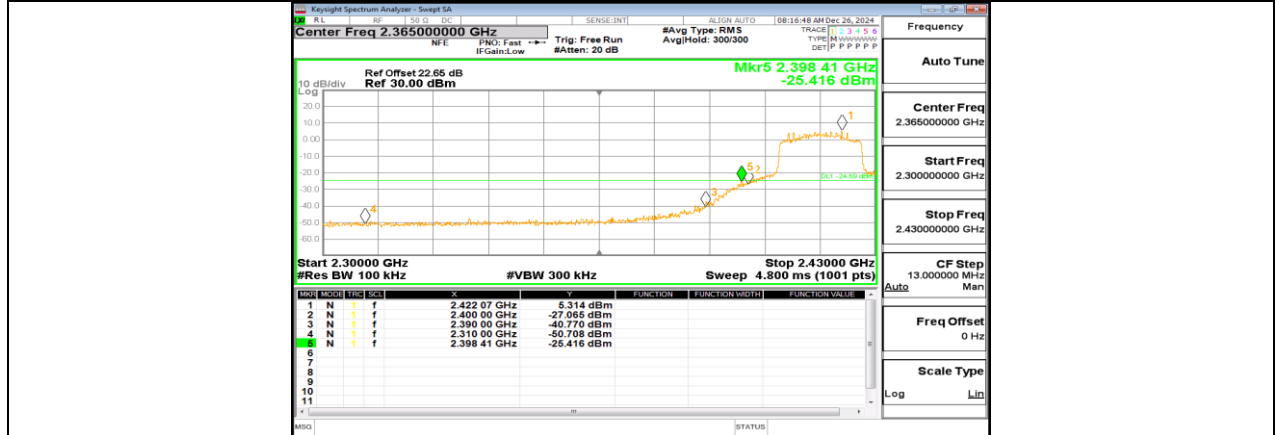




11AX20MIMO Ant2 Low 2412



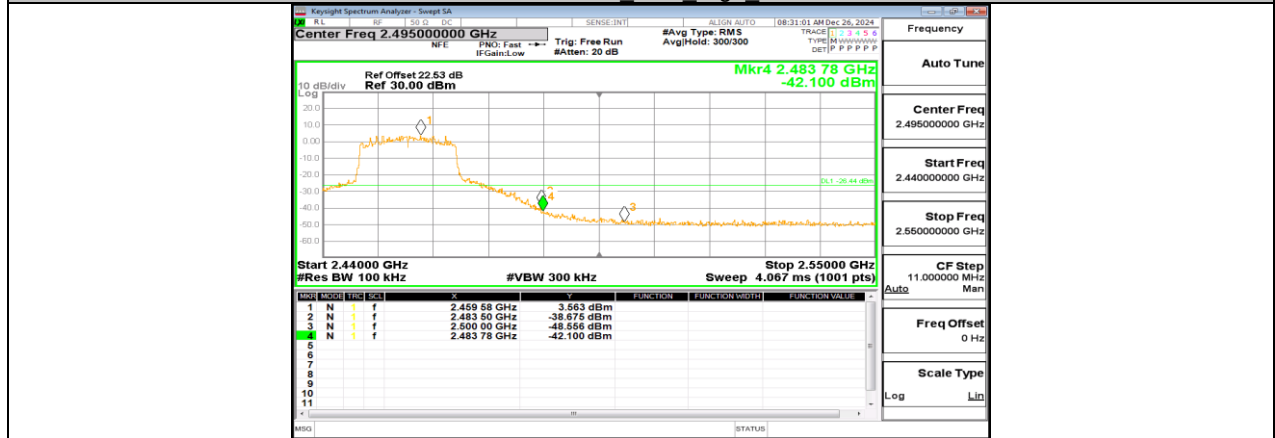
11AX20MIMO Ant1 Low 2417



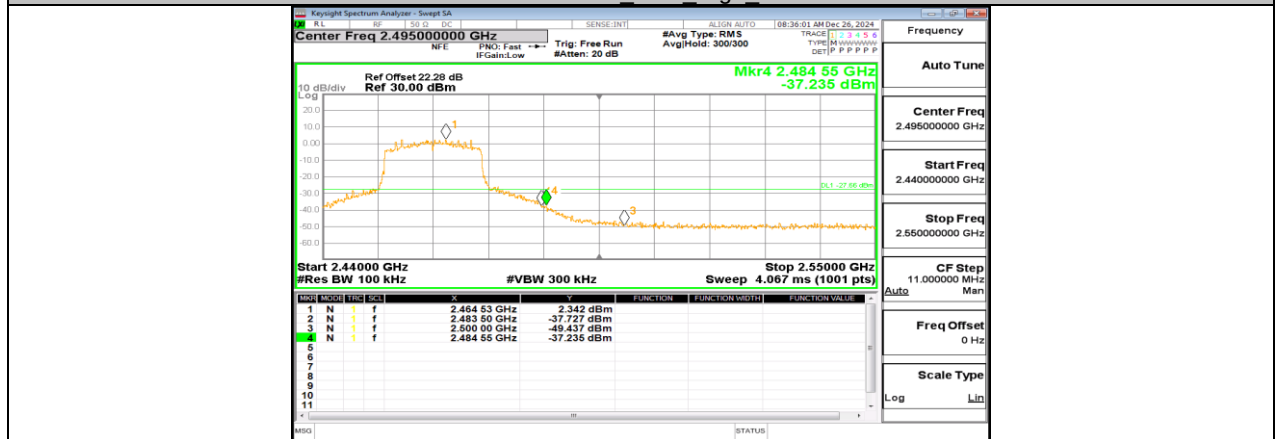
11AX20MIMO Ant2 Low 2417



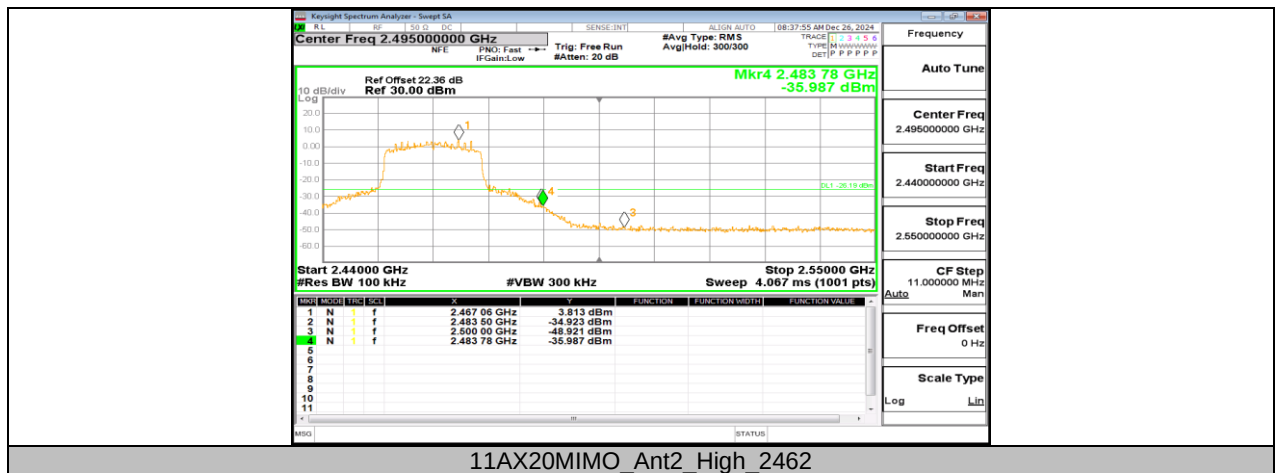
11AX20MIMO\_Ant1\_High\_2457



11AX20MIMO\_Ant2\_High\_2457



11AX20MIMO\_Ant1\_High\_2462



## 11.6. APPENDIX F: CONDUCTED SPURIOUS EMISSION

### 11.6.1. Test Result

| Test Mode | Antenna | Frequency[MHz] | FreqRange [Mhz] | Result [dBm] | Limit [dBm]   | Verdict |
|-----------|---------|----------------|-----------------|--------------|---------------|---------|
| 11B-CDD   | Ant1    | 2412           | Reference       | 10.43        | ---           | PASS    |
|           |         |                | 30~1000         | -50.62       | $\leq -19.57$ | PASS    |
|           |         |                | 1000~26500      | -35.4        | $\leq -19.57$ | PASS    |
|           | Ant2    | 2412           | Reference       | 8.02         | ---           | PASS    |
|           |         |                | 30~1000         | -49.33       | $\leq -21.98$ | PASS    |
|           |         |                | 1000~26500      | -35.66       | $\leq -21.98$ | PASS    |
|           | Ant1    | 2417           | Reference       | 8.35         | ---           | PASS    |
|           |         |                | 30~1000         | -50.32       | $\leq -11.65$ | PASS    |
|           |         |                | 1000~26500      | -35.47       | $\leq -11.65$ | PASS    |
|           | Ant2    | 2417           | Reference       | 3.56         | ---           | PASS    |
|           |         |                | 30~1000         | -50.51       | $\leq -26.44$ | PASS    |
|           |         |                | 1000~26500      | -34.1        | $\leq -26.44$ | PASS    |
|           | Ant1    | 2437           | Reference       | 7.99         | ---           | PASS    |
|           |         |                | 30~1000         | -49.91       | $\leq -12.01$ | PASS    |
|           |         |                | 1000~26500      | -35.8        | $\leq -12.01$ | PASS    |
|           | Ant2    | 2437           | Reference       | 8.24         | ---           | PASS    |
|           |         |                | 30~1000         | -50.93       | $\leq -11.76$ | PASS    |
|           |         |                | 1000~26500      | -35.87       | $\leq -11.76$ | PASS    |
|           | Ant1    | 2457           | Reference       | 9.49         | ---           | PASS    |
|           |         |                | 30~1000         | -50.04       | $\leq -10.51$ | PASS    |
|           |         |                | 1000~26500      | -36.15       | $\leq -10.51$ | PASS    |
|           | Ant2    | 2457           | Reference       | 7.63         | ---           | PASS    |
|           |         |                | 30~1000         | -49.75       | $\leq -12.37$ | PASS    |
|           |         |                | 1000~26500      | -33.99       | $\leq -12.37$ | PASS    |
|           | Ant1    | 2462           | Reference       | 6.97         | ---           | PASS    |
|           |         |                | 30~1000         | -51.41       | $\leq -23.03$ | PASS    |
|           |         |                | 1000~26500      | -41.98       | $\leq -23.03$ | PASS    |
|           | Ant2    | 2462           | Reference       | 7.87         | ---           | PASS    |
|           |         |                | 30~1000         | -50.76       | $\leq -12.13$ | PASS    |
|           |         |                | 1000~26500      | -36.26       | $\leq -12.13$ | PASS    |
| 11G-CDD   | Ant1    | 2412           | Reference       | -0.03        | ---           | PASS    |
|           |         |                | 30~1000         | -49.73       | $\leq -30.03$ | PASS    |
|           |         |                | 1000~26500      | -34.51       | $\leq -30.03$ | PASS    |
|           | Ant2    | 2412           | Reference       | -1.25        | ---           | PASS    |
|           |         |                | 30~1000         | -49.75       | $\leq -31.25$ | PASS    |
|           |         |                | 1000~26500      | -35.41       | $\leq -31.25$ | PASS    |
|           | Ant1    | 2417           | Reference       | 3.46         | ---           | PASS    |
|           |         |                | 30~1000         | -50.3        | $\leq -26.54$ | PASS    |
|           |         |                | 1000~26500      | -35.11       | $\leq -26.54$ | PASS    |
|           | Ant2    | 2417           | Reference       | 8.45         | ---           | PASS    |
|           |         |                | 30~1000         | -50.62       | $\leq -21.55$ | PASS    |
|           |         |                | 1000~26500      | -34.97       | $\leq -21.55$ | PASS    |
|           | Ant1    | 2437           | Reference       | 5.25         | ---           | PASS    |
|           |         |                | 30~1000         | -50.78       | $\leq -24.75$ | PASS    |
|           |         |                | 1000~26500      | -35.91       | $\leq -24.75$ | PASS    |
|           | Ant2    | 2437           | Reference       | 4.56         | ---           | PASS    |
|           |         |                | 30~1000         | -50.47       | $\leq -25.44$ | PASS    |
|           |         |                | 1000~26500      | -34.13       | $\leq -25.44$ | PASS    |
|           | Ant1    | 2457           | Reference       | 3.40         | ---           | PASS    |
|           |         |                | 30~1000         | -50.17       | $\leq -26.6$  | PASS    |
|           |         |                | 1000~26500      | -36.38       | $\leq -26.6$  | PASS    |
|           | Ant2    | 2457           | Reference       | 4.33         | ---           | PASS    |
|           |         |                | 30~1000         | -50.18       | $\leq -25.67$ | PASS    |
|           |         |                | 1000~26500      | -35.99       | $\leq -25.67$ | PASS    |
|           | Ant1    | 2462           | Reference       | 1.39         | ---           | PASS    |

|            |      |      |            |        |               |      |
|------------|------|------|------------|--------|---------------|------|
|            |      |      | 30~1000    | -51.23 | $\leq -28.61$ | PASS |
|            |      |      | 1000~26500 | -36.12 | $\leq -28.61$ | PASS |
|            |      |      | Reference  | 3.28   | ---           | PASS |
| 11N20MIMO  | Ant2 | 2462 | 30~1000    | -50.66 | $\leq -26.72$ | PASS |
|            |      |      | 1000~26500 | -36.55 | $\leq -26.72$ | PASS |
|            |      |      | Reference  | 1.23   | ---           | PASS |
|            | Ant1 | 2412 | 30~1000    | -50.52 | $\leq -28.77$ | PASS |
|            |      |      | 1000~26500 | -35.89 | $\leq -28.77$ | PASS |
|            |      |      | Reference  | -0.33  | ---           | PASS |
|            | Ant2 | 2412 | 30~1000    | -50.75 | $\leq -30.33$ | PASS |
|            |      |      | 1000~26500 | -35.72 | $\leq -30.33$ | PASS |
|            |      |      | Reference  | 2.80   | ---           | PASS |
|            | Ant1 | 2417 | 30~1000    | -50.29 | $\leq -27.2$  | PASS |
|            |      |      | 1000~26500 | -35.69 | $\leq -27.2$  | PASS |
|            |      |      | Reference  | 3.46   | ---           | PASS |
|            | Ant2 | 2417 | 30~1000    | -50.15 | $\leq -26.54$ | PASS |
|            |      |      | 1000~26500 | -35.96 | $\leq -26.54$ | PASS |
|            |      |      | Reference  | 5.54   | ---           | PASS |
|            | Ant1 | 2437 | 30~1000    | -51.14 | $\leq -24.46$ | PASS |
|            |      |      | 1000~26500 | -35.66 | $\leq -24.46$ | PASS |
|            |      |      | Reference  | 5.02   | ---           | PASS |
|            | Ant2 | 2437 | 30~1000    | -50.65 | $\leq -24.98$ | PASS |
|            |      |      | 1000~26500 | -35.27 | $\leq -24.98$ | PASS |
|            |      |      | Reference  | 2.97   | ---           | PASS |
|            | Ant1 | 2457 | 30~1000    | -50.37 | $\leq -27.03$ | PASS |
|            |      |      | 1000~26500 | -35.47 | $\leq -27.03$ | PASS |
|            |      |      | Reference  | 3.66   | ---           | PASS |
|            | Ant2 | 2457 | 30~1000    | -50.41 | $\leq -26.34$ | PASS |
|            |      |      | 1000~26500 | -35.54 | $\leq -26.34$ | PASS |
|            |      |      | Reference  | 0.44   | ---           | PASS |
|            | Ant1 | 2462 | 30~1000    | -50.81 | $\leq -29.56$ | PASS |
|            |      |      | 1000~26500 | -35.25 | $\leq -29.56$ | PASS |
|            |      |      | Reference  | 1.25   | ---           | PASS |
|            | Ant2 | 2462 | 30~1000    | -50.24 | $\leq -28.75$ | PASS |
|            |      |      | 1000~26500 | -35.84 | $\leq -28.75$ | PASS |
|            |      |      | Reference  | 0.90   | ---           | PASS |
| 11AX20MIMO | Ant1 | 2412 | 30~1000    | -50.95 | $\leq -29.1$  | PASS |
|            |      |      | 1000~26500 | -35.62 | $\leq -29.1$  | PASS |
|            |      |      | Reference  | 1.85   | ---           | PASS |
|            | Ant2 | 2412 | 30~1000    | -50.46 | $\leq -28.15$ | PASS |
|            |      |      | 1000~26500 | -36.24 | $\leq -28.15$ | PASS |
|            |      |      | Reference  | 3.59   | ---           | PASS |
|            | Ant1 | 2417 | 30~1000    | -50.46 | $\leq -26.41$ | PASS |
|            |      |      | 1000~26500 | -35.97 | $\leq -26.41$ | PASS |
|            |      |      | Reference  | 2.63   | ---           | PASS |
|            | Ant2 | 2417 | 30~1000    | -51.33 | $\leq -27.37$ | PASS |
|            |      |      | 1000~26500 | -35.1  | $\leq -27.37$ | PASS |
|            |      |      | Reference  | 4.50   | ---           | PASS |
|            | Ant1 | 2437 | 30~1000    | -49.96 | $\leq -25.5$  | PASS |
|            |      |      | 1000~26500 | -36.55 | $\leq -25.5$  | PASS |
|            |      |      | Reference  | 3.73   | ---           | PASS |
|            | Ant2 | 2437 | 30~1000    | -50.83 | $\leq -26.27$ | PASS |
|            |      |      | 1000~26500 | -35.85 | $\leq -26.27$ | PASS |
|            |      |      | Reference  | 2.91   | ---           | PASS |
|            | Ant1 | 2457 | 30~1000    | -49.86 | $\leq -27.09$ | PASS |
|            |      |      | 1000~26500 | -36.13 | $\leq -27.09$ | PASS |
|            |      |      | Reference  | 3.11   | ---           | PASS |
|            | Ant2 | 2457 | 30~1000    | -50.41 | $\leq -26.89$ | PASS |
|            |      |      | 1000~26500 | -35.72 | $\leq -26.89$ | PASS |
|            |      |      | Reference  | 2.40   | ---           | PASS |

|  |      |      |            |        |              |      |
|--|------|------|------------|--------|--------------|------|
|  |      |      | 30~1000    | -51.04 | $\leq -27.6$ | PASS |
|  |      |      | 1000~26500 | -36.19 | $\leq -27.6$ | PASS |
|  | Ant2 | 2462 | Reference  | 2.50   | ---          | PASS |
|  |      |      | 30~1000    | -50.99 | $\leq -27.5$ | PASS |
|  |      |      | 1000~26500 | -35.29 | $\leq -27.5$ | PASS |

## 11.6.2. Test Graphs



