

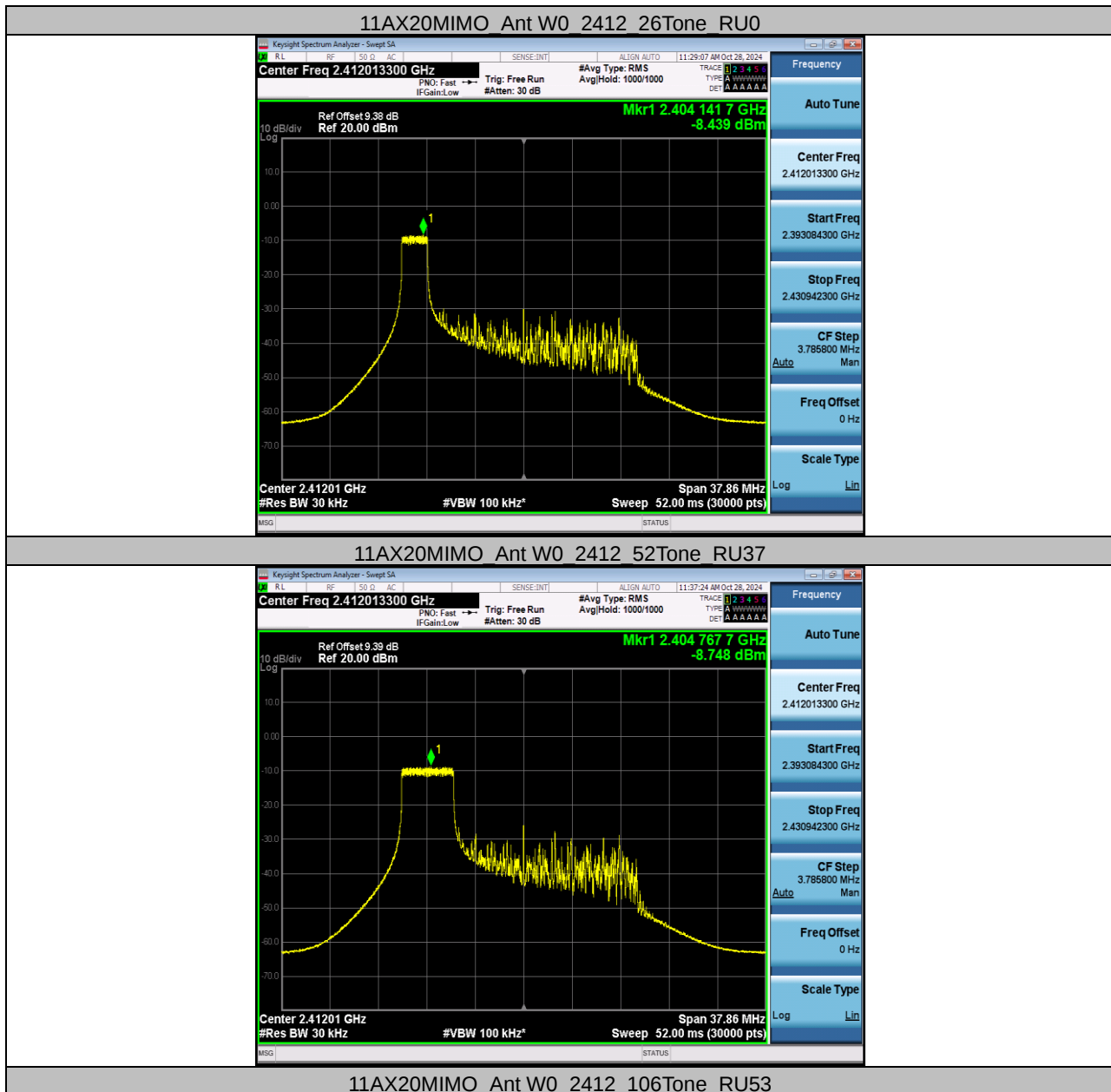
## MAXIMUM POWER SPECTRAL DENSITY TEST RESULT

| TestMode       | Antenna | Freq<br>(MHz) | RuSize  | RuIndex | Result<br>[dBm/30kHz] | Result<br>[dBm/3kHz] | Limit<br>[dBm/3kHz] | Verdict |
|----------------|---------|---------------|---------|---------|-----------------------|----------------------|---------------------|---------|
| 11AX20MI<br>MO | Ant W0  | 2412          | 26Tone  | RU0     | -8.44                 | -18.44               | ≤8.00               | PASS    |
|                |         |               | 52Tone  | RU37    | -8.75                 | -18.75               | ≤8.00               | PASS    |
|                |         |               | 106Tone | RU53    | -8.49                 | -18.49               | ≤8.00               | PASS    |
|                | Ant W1  | 2412          | 26Tone  | RU0     | -7.88                 | -17.88               | ≤8.00               | PASS    |
|                |         |               | 52Tone  | RU37    | -7.78                 | -17.78               | ≤8.00               | PASS    |
|                |         |               | 106Tone | RU53    | -7.76                 | -17.76               | ≤8.00               | PASS    |
|                | total   | 2412          | 26Tone  | RU0     | -5.14                 | -15.14               | ≤8.00               | PASS    |
|                |         |               | 52Tone  | RU37    | -5.23                 | -15.23               | ≤8.00               | PASS    |
|                |         |               | 106Tone | RU53    | -5.10                 | -15.1                | ≤8.00               | PASS    |
|                | Ant W0  | 2437          | 26Tone  | RU4     | -7.72                 | -17.72               | ≤8.00               | PASS    |
|                |         |               | 52Tone  | RU38    | -9.35                 | -19.35               | ≤8.00               | PASS    |
|                |         |               | 106Tone | RU53    | -8.73                 | -18.73               | ≤8.00               | PASS    |
|                | Ant W1  | 2437          | 26Tone  | RU4     | -6.61                 | -16.61               | ≤8.00               | PASS    |
|                |         |               | 52Tone  | RU38    | -8.08                 | -18.08               | ≤8.00               | PASS    |
|                |         |               | 106Tone | RU53    | -8.34                 | -18.34               | ≤8.00               | PASS    |
|                | total   | 2437          | 26Tone  | RU4     | -4.12                 | -14.12               | ≤8.00               | PASS    |
|                |         |               | 52Tone  | RU38    | -5.66                 | -15.66               | ≤8.00               | PASS    |
|                |         |               | 106Tone | RU53    | -5.52                 | -15.52               | ≤8.00               | PASS    |
|                | Ant W0  | 2462          | 26Tone  | RU8     | -8.35                 | -18.35               | ≤8.00               | PASS    |
|                |         |               | 52Tone  | RU40    | -8.84                 | -18.84               | ≤8.00               | PASS    |
|                |         |               | 106Tone | RU54    | -8.52                 | -18.52               | ≤8.00               | PASS    |
|                | Ant W1  | 2462          | 26Tone  | RU8     | -7.59                 | -17.59               | ≤8.00               | PASS    |
|                |         |               | 52Tone  | RU40    | -7.66                 | -17.66               | ≤8.00               | PASS    |
|                |         |               | 106Tone | RU54    | -7.52                 | -17.52               | ≤8.00               | PASS    |
|                | total   | 2462          | 26Tone  | RU8     | -4.94                 | -14.94               | ≤8.00               | PASS    |
|                |         |               | 52Tone  | RU40    | -5.20                 | -15.2                | ≤8.00               | PASS    |
|                |         |               | 106Tone | RU54    | -4.98                 | -14.98               | ≤8.00               | PASS    |

Note :

- 1.The Duty Cycle Factor is compensated in the graph.
- 2.Result[dBm/3kHz]= Result[dBm/30kHz]-10\*log10(30/3)

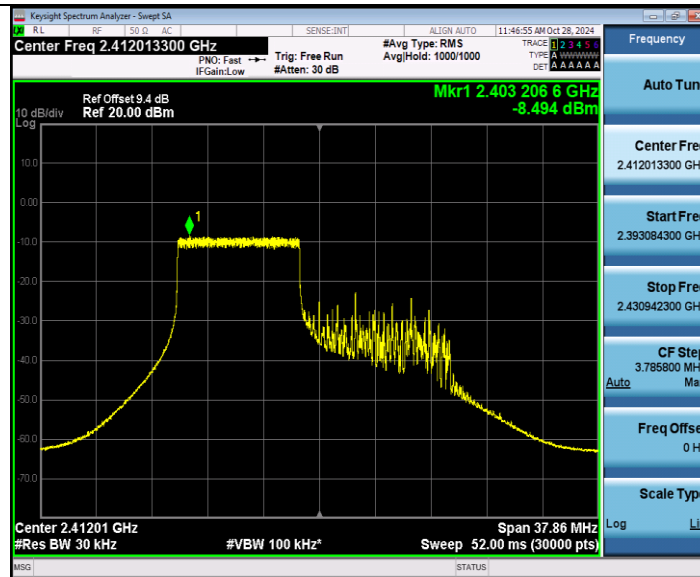
## TEST GRAPHS



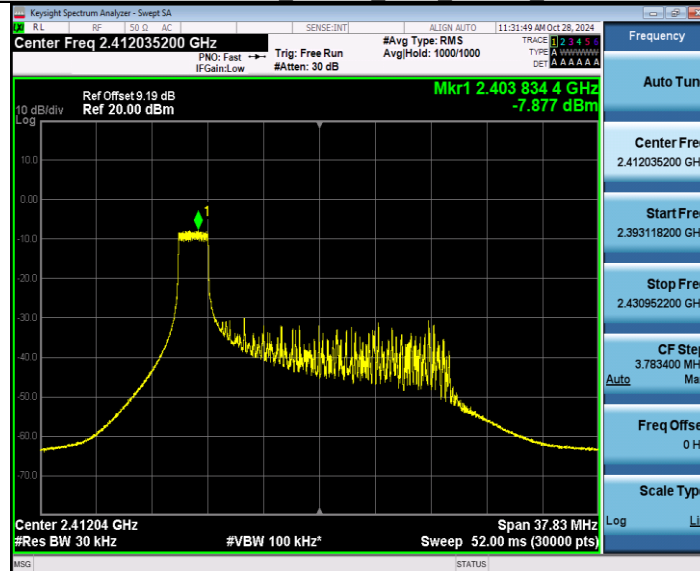


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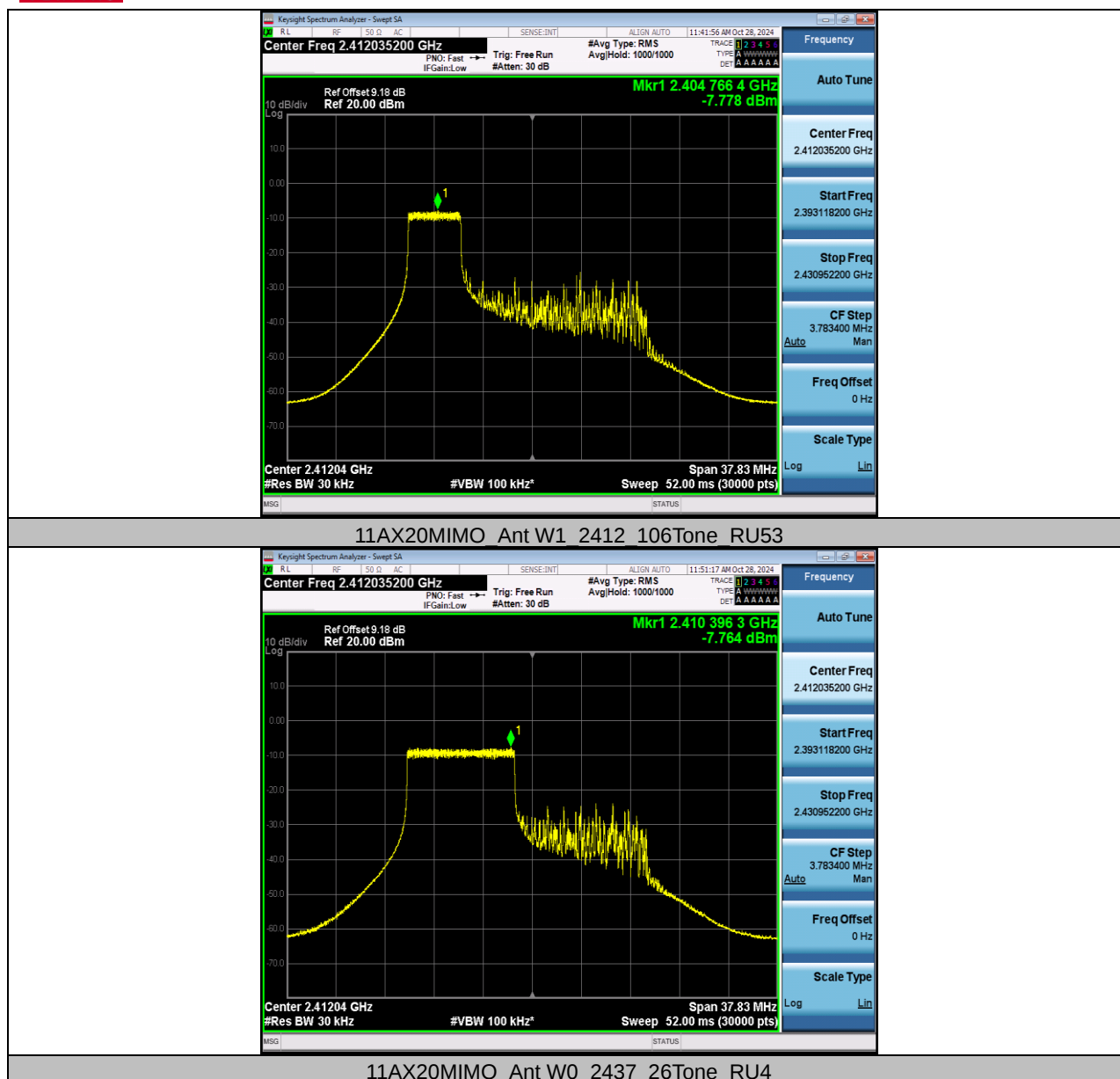
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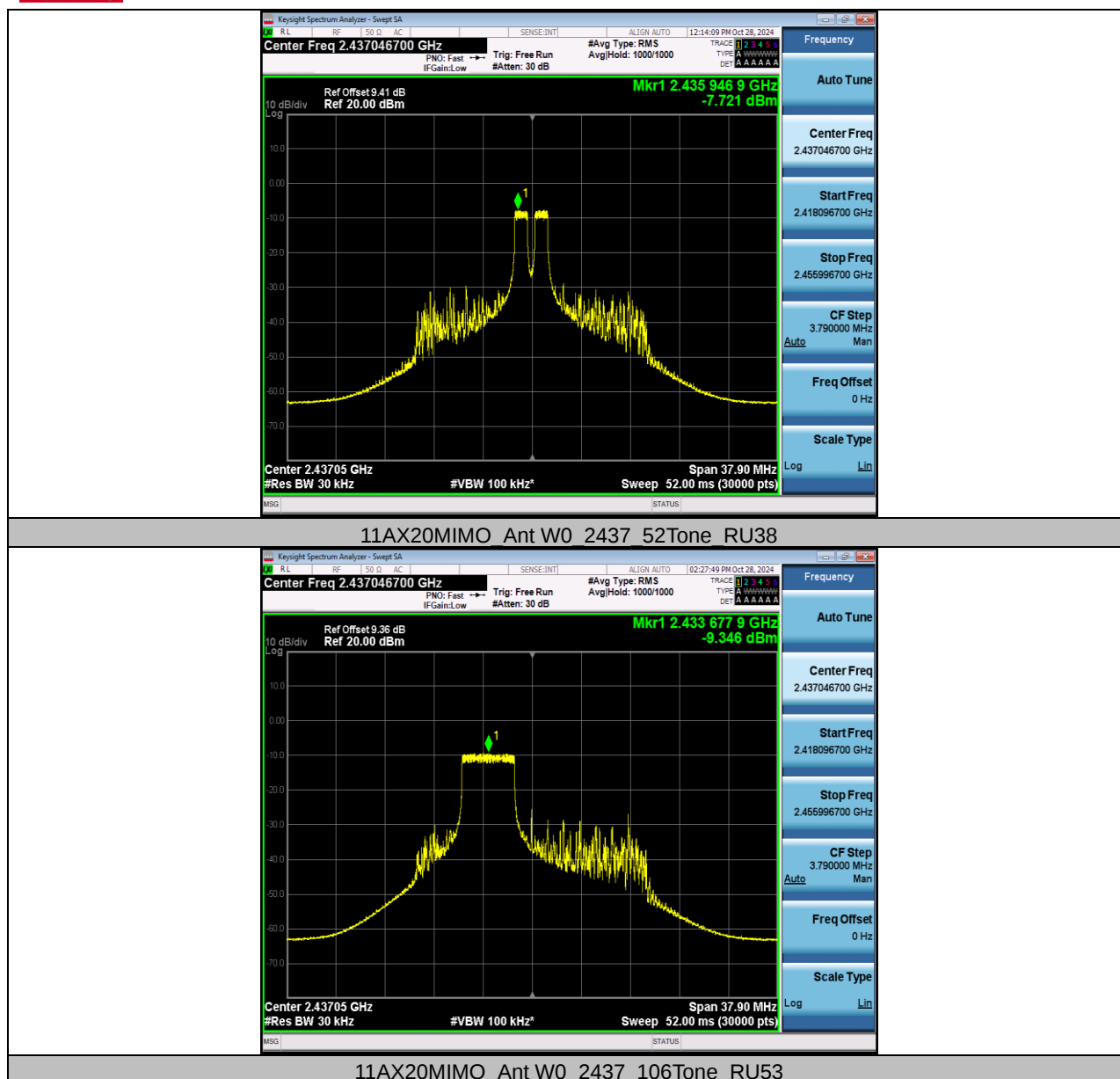


11AX20MIMO Ant W1 2412 26Tone RU0



11AX20MIMO Ant W1 2412 52Tone RU37

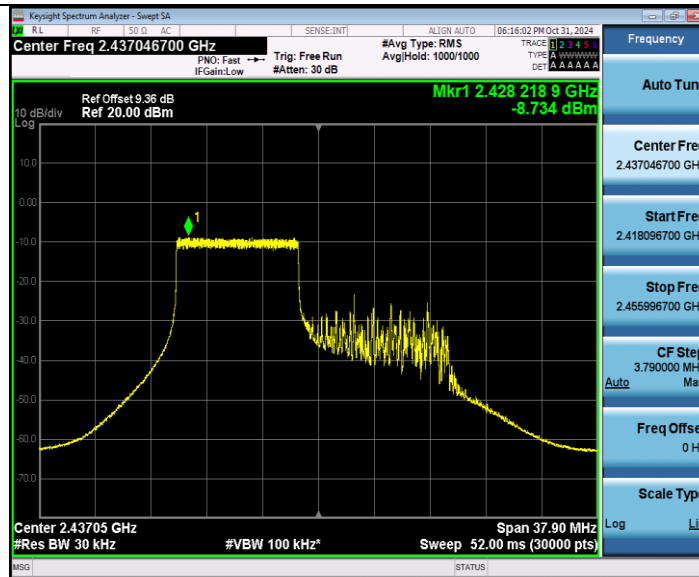




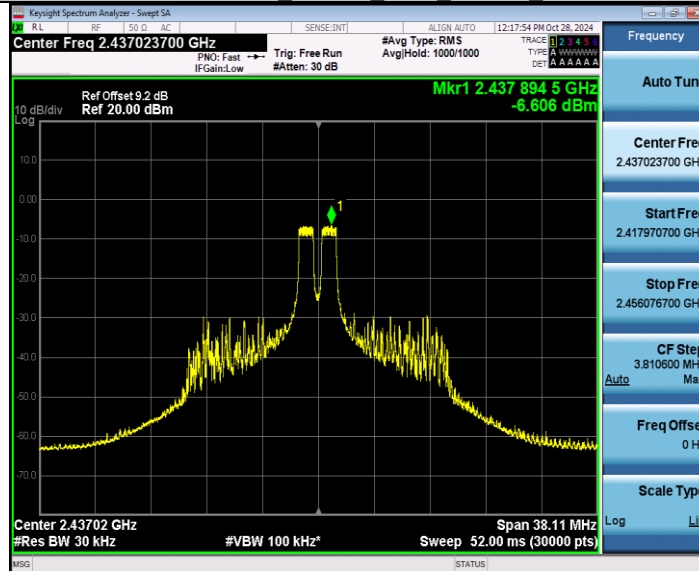


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Reference No.: W7L-P24090006RF02



11AX20MIMO Ant W1 2437 26Tone RU4

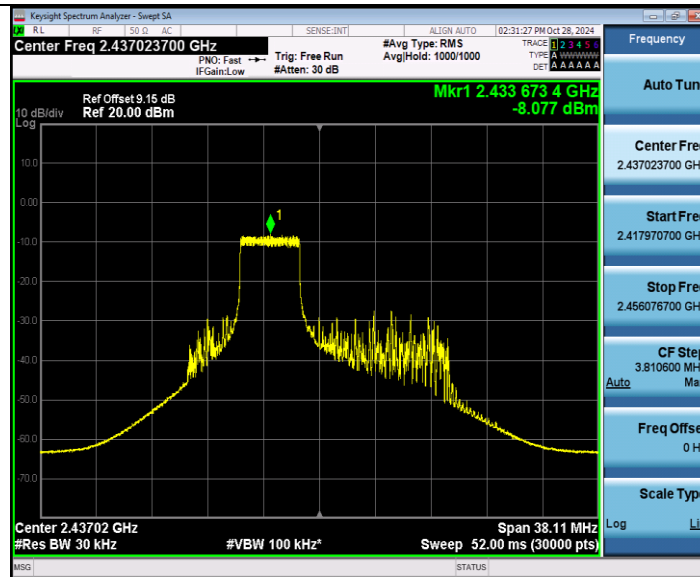


11AX20MIMO Ant W1 2437 52Tone RU38

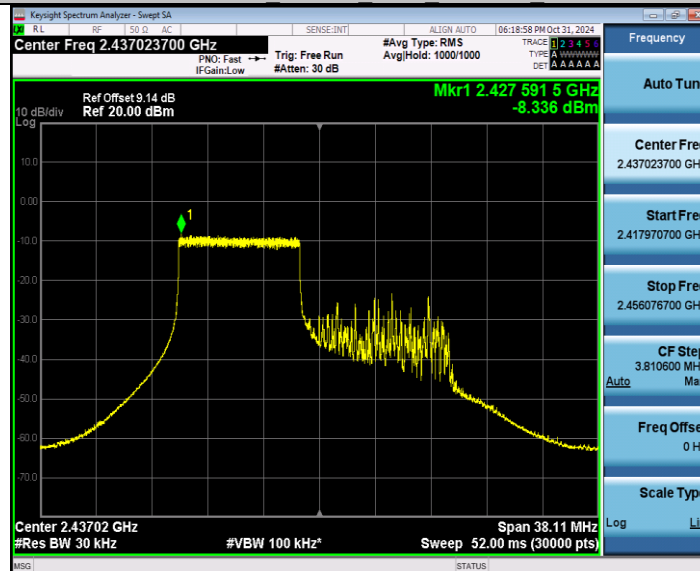


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Reference No.: W7L-P24090006RF02



11AX20MIMO Ant W1 2437 106Tone RU53

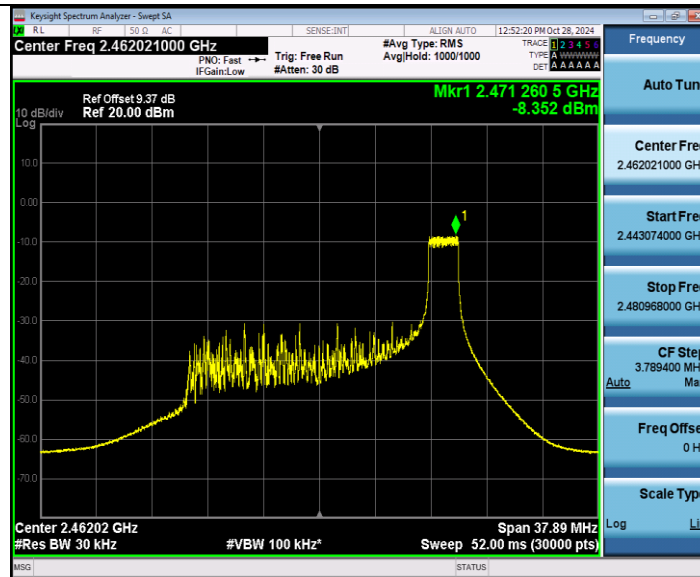


11AX20MIMO Ant W0 2462 26Tone RU8

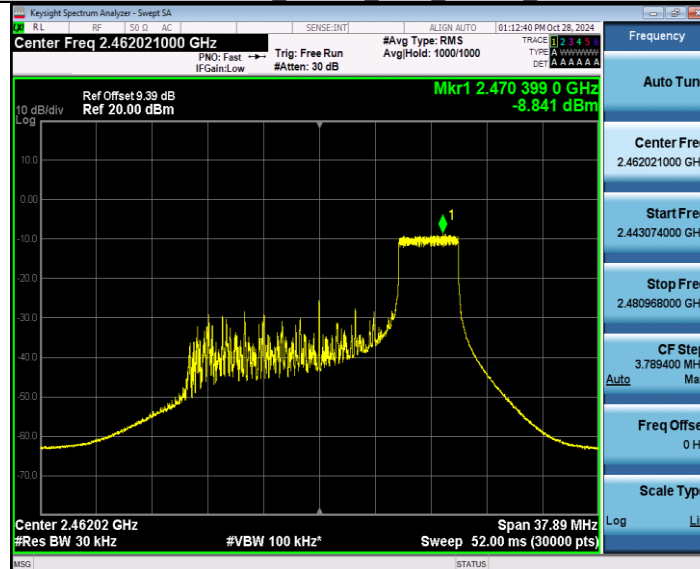


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Reference No.: W7L-P24090006RF02

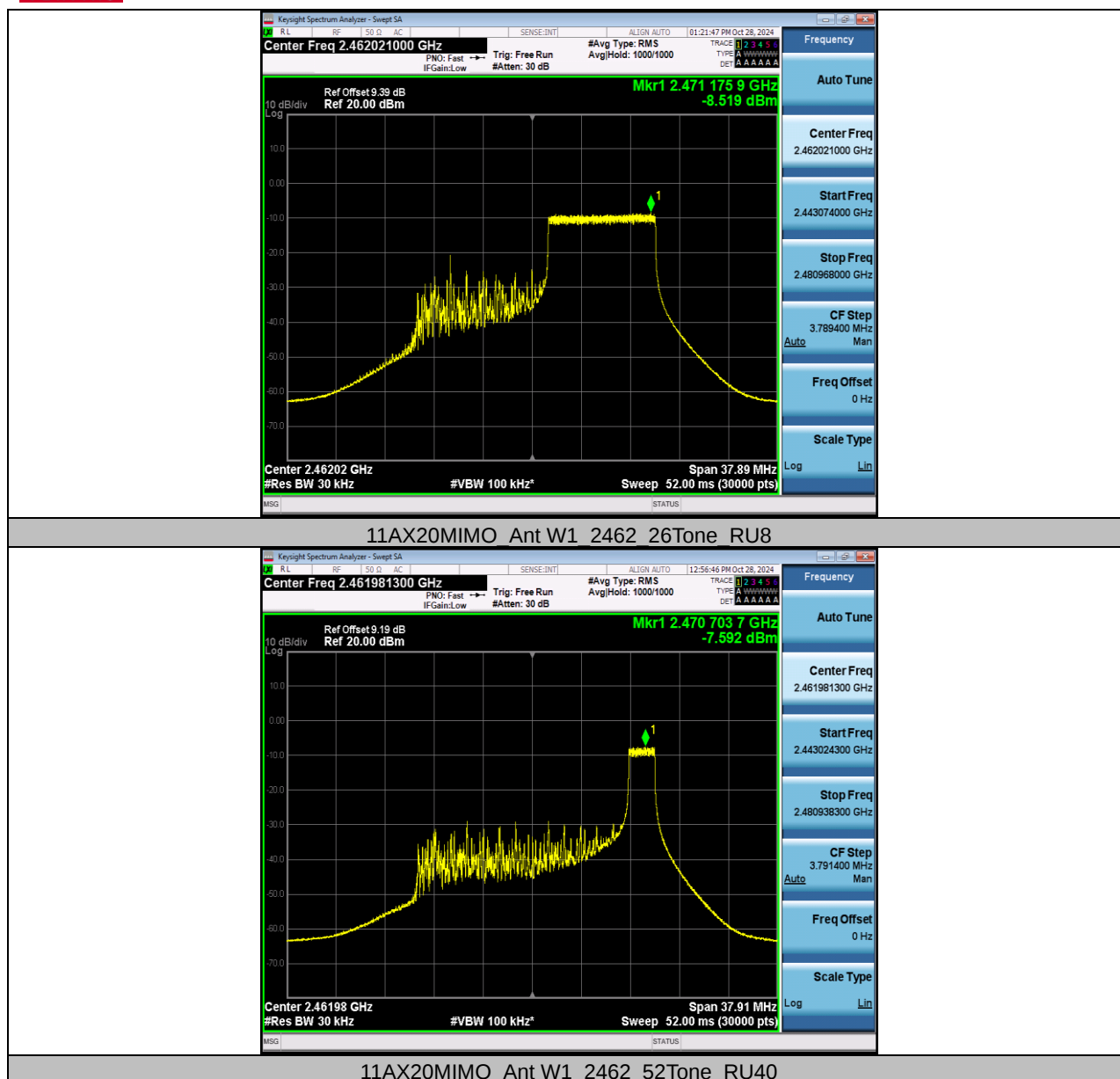


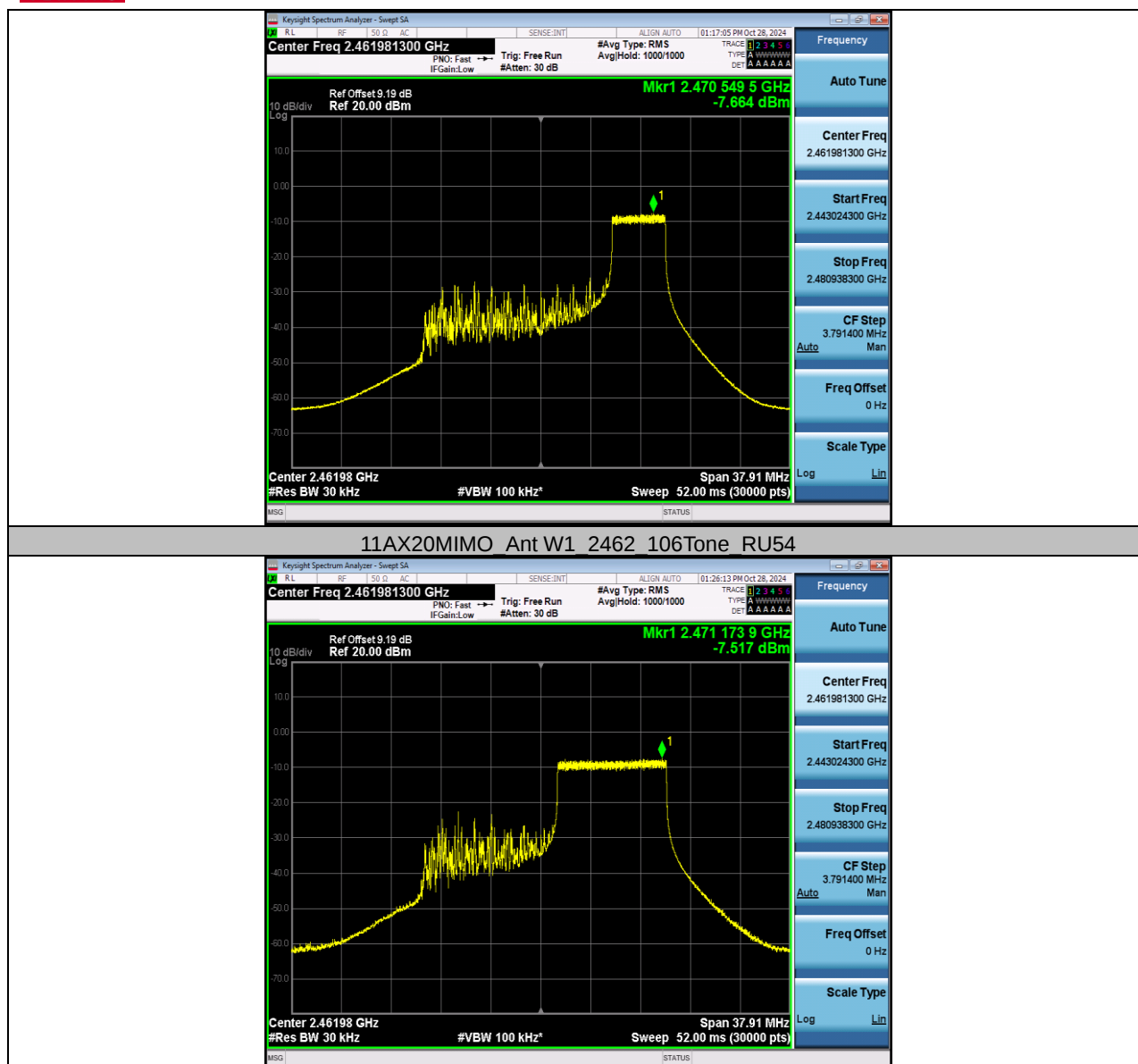
11AX20MIMO Ant W0 2462 52Tone RU40



11AX20MIMO Ant W0 2462 106Tone RU54

Reference No.: W7L-P24090006RF02

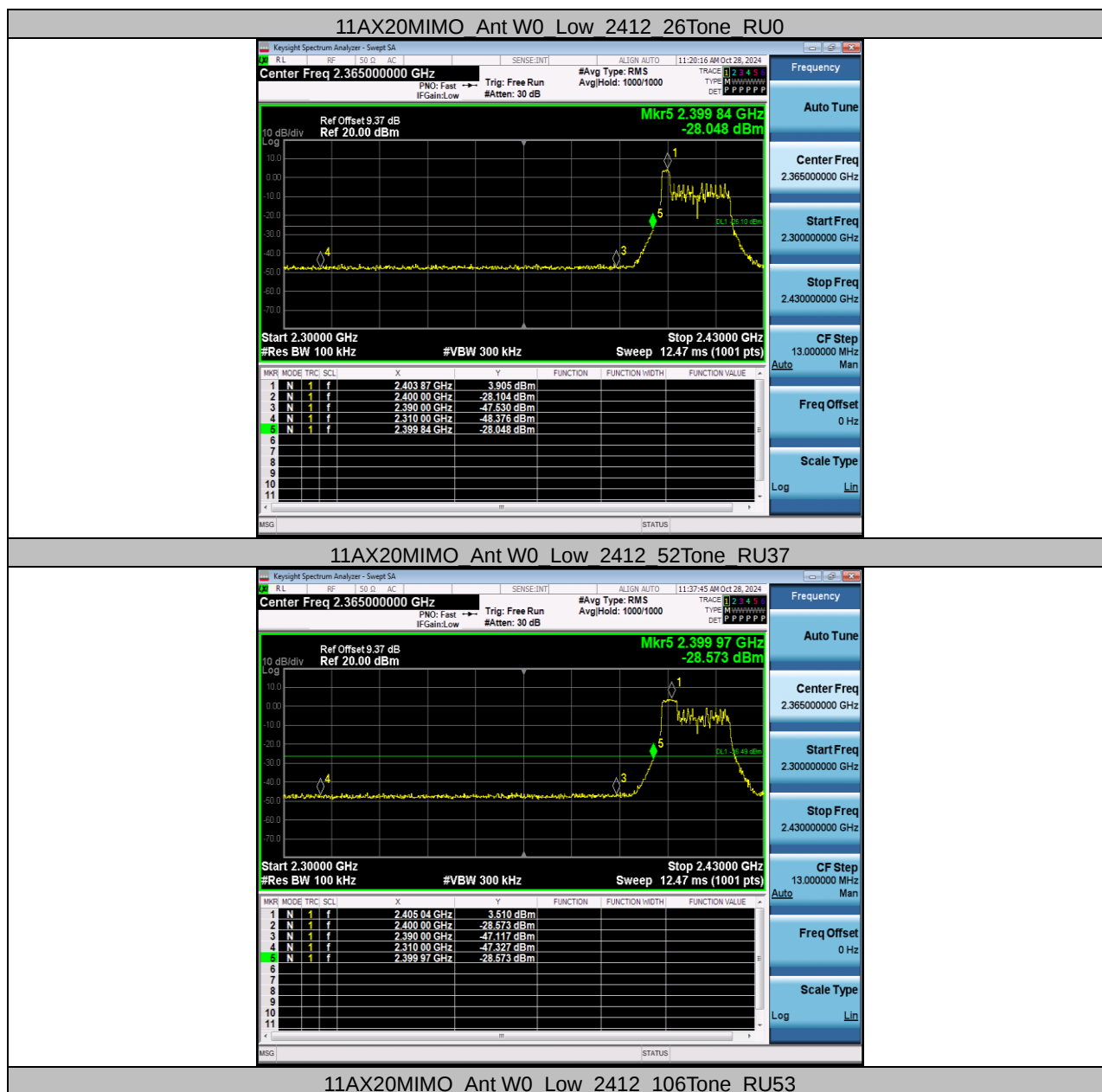




## BAND EDGE MEASUREMENTS TEST RESULT

| TestMode   | Antenna | ChName | Freq(MHz) | Ru<br>Size | Ru<br>Index | RefLevel<br>[dBm] | Result<br>[dBm] | Limit<br>[dBm] | Verdict |
|------------|---------|--------|-----------|------------|-------------|-------------------|-----------------|----------------|---------|
| 11AX20MIMO | Ant W0  | Low    | 2412      | 26Tone     | RU0         | 3.91              | -28.05          | ≤-26.1         | PASS    |
|            |         |        |           | 52Tone     | RU37        | 3.51              | -28.57          | ≤-26.49        | PASS    |
|            |         |        |           | 106Tone    | RU53        | 0.83              | -30.19          | ≤-29.17        | PASS    |
|            | Ant W1  | Low    | 2412      | 26Tone     | RU0         | 4.27              | -27.91          | ≤-25.74        | PASS    |
|            |         |        |           | 52Tone     | RU37        | 5.03              | -26.69          | ≤-24.98        | PASS    |
|            |         |        |           | 106Tone    | RU53        | 4.68              | -26.54          | ≤-25.32        | PASS    |
|            | Ant W0  | High   | 2462      | 26Tone     | RU8         | 4.37              | -46.18          | ≤-25.63        | PASS    |
|            |         |        |           | 52Tone     | RU40        | 3.69              | -45.08          | ≤-26.31        | PASS    |
|            |         |        |           | 106Tone    | RU54        | 4.28              | -45.6           | ≤-25.72        | PASS    |
|            | Ant W1  | High   | 2462      | 26Tone     | RU8         | 6.23              | -45.52          | ≤-23.77        | PASS    |
|            |         |        |           | 52Tone     | RU40        | 5.00              | -45.3           | ≤-25.01        | PASS    |
|            |         |        |           | 106Tone    | RU54        | 5.05              | -40.15          | ≤-24.95        | PASS    |

## TEST GRAPHS



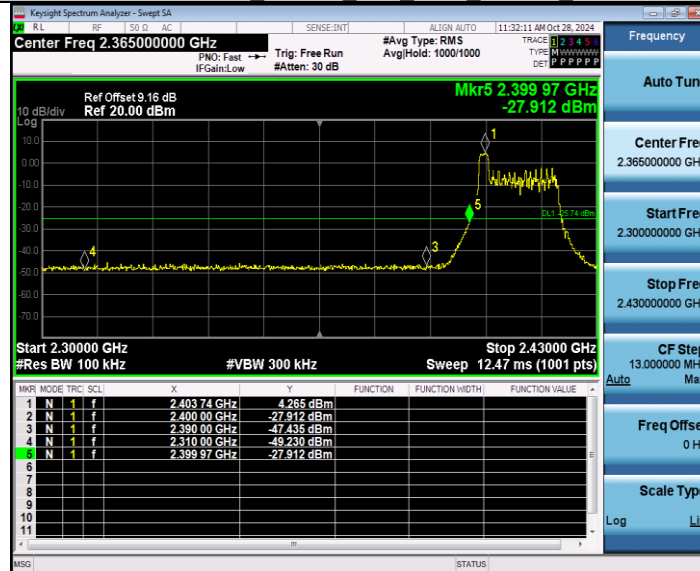


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Reference No.: W7L-P24090006RF02



11AX20MIMO Ant W1 Low 2412 26Tone RU0



11AX20MIMO Ant W1 Low 2412 52Tone RU37

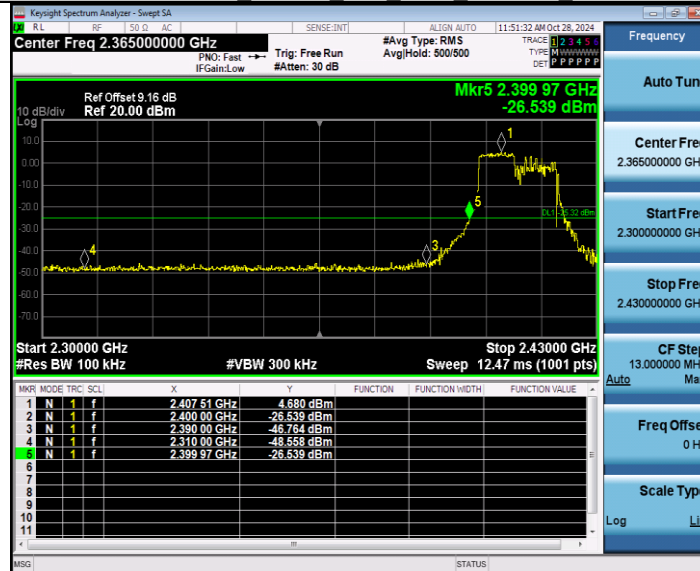


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Reference No.: W7L-P24090006RF02



11AX20MIMO Ant W1 Low 2412 106Tone RU53

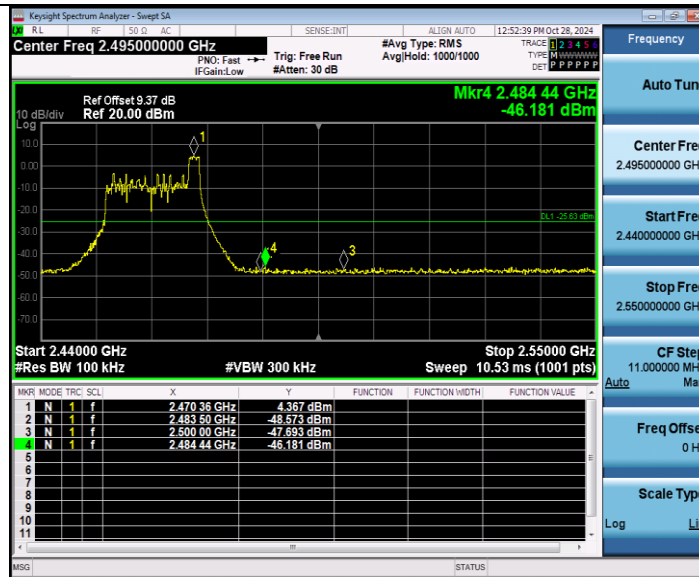


11AX20MIMO Ant W0 High 2462 26Tone RU8

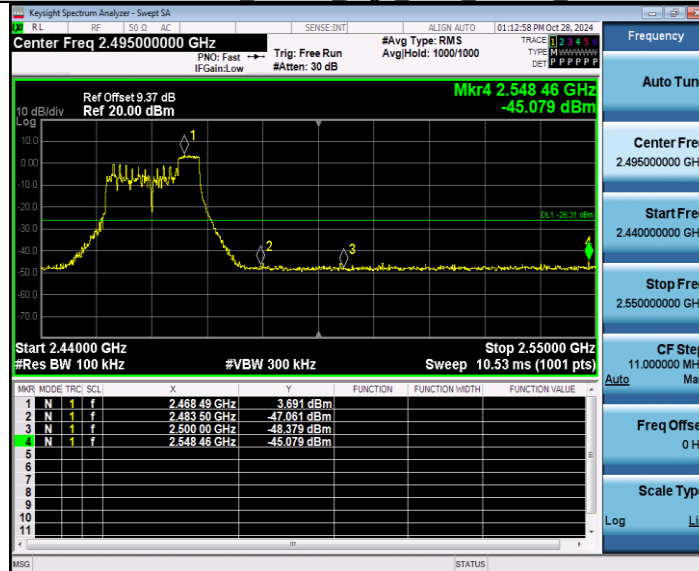


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Reference No.: W7L-P24090006RF02



11AX20MIMO Ant W0 High 2462 52Tone RU40



11AX20MIMO Ant W0 High 2462 106Tone RU54

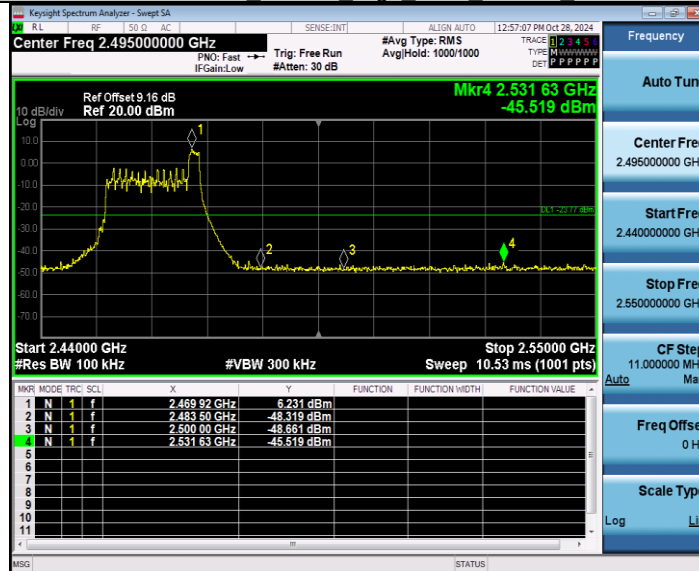


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Reference No.: W7L-P24090006RF02



11AX20MIMO Ant W1 High 2462 26Tone RU8



11AX20MIMO Ant W1 High 2462 52Tone RU40



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Reference No.: W7L-P24090006RF02



11AX20MIMO Ant W1 High 2462 106Tone RU54



## CONDUCTED SPURIOUS EMISSION TEST RESULT

| TestMode   | Antenna | Freq(MHz) | Ru Size | Ru Index | FreqRange [Mhz] | RefLevel [dBm] | Result [dBm] | Limit [dBm] | Verdict |
|------------|---------|-----------|---------|----------|-----------------|----------------|--------------|-------------|---------|
| 11AX20MIMO | Ant W0  | 2412      | 26Tone  | RU0      | Reference       | 4.02           | 4.02         | ---         | PASS    |
|            |         |           |         | RU0      | 30~1000         | 4.02           | -55.60       | ≤-25.98     | PASS    |
|            |         |           |         | RU0      | 1000~26500      | 4.02           | -36.63       | ≤-25.98     | PASS    |
|            |         |           | 52Tone  | RU37     | Reference       | 4.19           | 4.19         | ---         | PASS    |
|            |         |           |         | RU37     | 30~1000         | 4.19           | -57.20       | ≤-25.81     | PASS    |
|            |         |           |         | RU37     | 1000~26500      | 4.19           | -37.13       | ≤-25.81     | PASS    |
|            |         |           | 106Tone | RU53     | Reference       | 4.16           | 4.16         | ---         | PASS    |
|            |         |           |         | RU53     | 30~1000         | 4.16           | -56.44       | ≤-25.84     | PASS    |
|            |         |           |         | RU53     | 1000~26500      | 4.16           | -36.38       | ≤-25.84     | PASS    |
|            | Ant W1  | 2412      | 26Tone  | RU0      | Reference       | 4.24           | 4.24         | ---         | PASS    |
|            |         |           |         | RU0      | 30~1000         | 4.24           | -56.65       | ≤-25.76     | PASS    |
|            |         |           |         | RU0      | 1000~26500      | 4.24           | -37.88       | ≤-25.76     | PASS    |
|            |         |           | 52Tone  | RU37     | Reference       | 4.70           | 4.70         | ---         | PASS    |
|            |         |           |         | RU37     | 30~1000         | 4.70           | -57.32       | ≤-25.3      | PASS    |
|            |         |           |         | RU37     | 1000~26500      | 4.70           | -37.16       | ≤-25.3      | PASS    |
|            |         |           | 106Tone | RU53     | Reference       | 4.77           | 4.77         | ---         | PASS    |
|            |         |           |         | RU53     | 30~1000         | 4.77           | -57.21       | ≤-25.23     | PASS    |
|            |         |           |         | RU53     | 1000~26500      | 4.77           | -37.12       | ≤-25.23     | PASS    |
|            | Ant W0  | 2437      | 26Tone  | RU4      | Reference       | 4.16           | 4.16         | ---         | PASS    |
|            |         |           |         | RU4      | 30~1000         | 4.16           | -56.53       | ≤-25.84     | PASS    |
|            |         |           |         | RU4      | 1000~26500      | 4.16           | -37.26       | ≤-25.84     | PASS    |
|            |         |           | 52Tone  | RU38     | Reference       | 3.45           | 3.45         | ---         | PASS    |
|            |         |           |         | RU38     | 30~1000         | 3.45           | -56.98       | ≤-26.55     | PASS    |
|            |         |           |         | RU38     | 1000~26500      | 3.45           | -37.67       | ≤-26.55     | PASS    |
|            |         |           | 106Tone | RU53     | Reference       | 3.63           | 3.63         | ---         | PASS    |
|            |         |           |         | RU53     | 30~1000         | 3.63           | -56.29       | ≤-26.37     | PASS    |
|            |         |           |         | RU53     | 1000~26500      | 3.63           | -35.60       | ≤-26.37     | PASS    |
|            | Ant W1  | 2437      | 26Tone  | RU4      | Reference       | 5.73           | 5.73         | ---         | PASS    |
|            |         |           |         | RU4      | 30~1000         | 5.73           | -57.06       | ≤-24.27     | PASS    |
|            |         |           |         | RU4      | 1000~26500      | 5.73           | -36.84       | ≤-24.27     | PASS    |
|            |         |           | 52Tone  | RU38     | Reference       | 4.18           | 4.18         | ---         | PASS    |
|            |         |           |         | RU38     | 30~1000         | 4.18           | -57.50       | ≤-25.82     | PASS    |
|            |         |           |         | RU38     | 1000~26500      | 4.18           | -38.07       | ≤-25.82     | PASS    |
|            |         |           | 106Tone | RU53     | Reference       | 4.40           | 4.40         | ---         | PASS    |
|            |         |           |         | RU53     | 30~1000         | 4.40           | -56.71       | ≤-25.6      | PASS    |
|            |         |           |         | RU53     | 1000~26500      | 4.40           | -37.11       | ≤-25.6      | PASS    |
|            | Ant W0  | 2462      | 26Tone  | RU8      | Reference       | 5.50           | 5.50         | ---         | PASS    |
|            |         |           |         | RU8      | 30~1000         | 5.50           | -56.33       | ≤-24.5      | PASS    |
|            |         |           |         | RU8      | 1000~26500      | 5.50           | -37.43       | ≤-24.5      | PASS    |
|            |         |           | 52Tone  | RU40     | Reference       | 3.79           | 3.79         | ---         | PASS    |
|            |         |           |         | RU40     | 30~1000         | 3.79           | -56.30       | ≤-26.21     | PASS    |
|            |         |           |         | RU40     | 1000~26500      | 3.79           | -37.64       | ≤-26.21     | PASS    |
|            |         |           | 106Tone | RU54     | Reference       | 3.73           | 3.73         | ---         | PASS    |
|            |         |           |         | RU54     | 30~1000         | 3.73           | -56.88       | ≤-26.27     | PASS    |

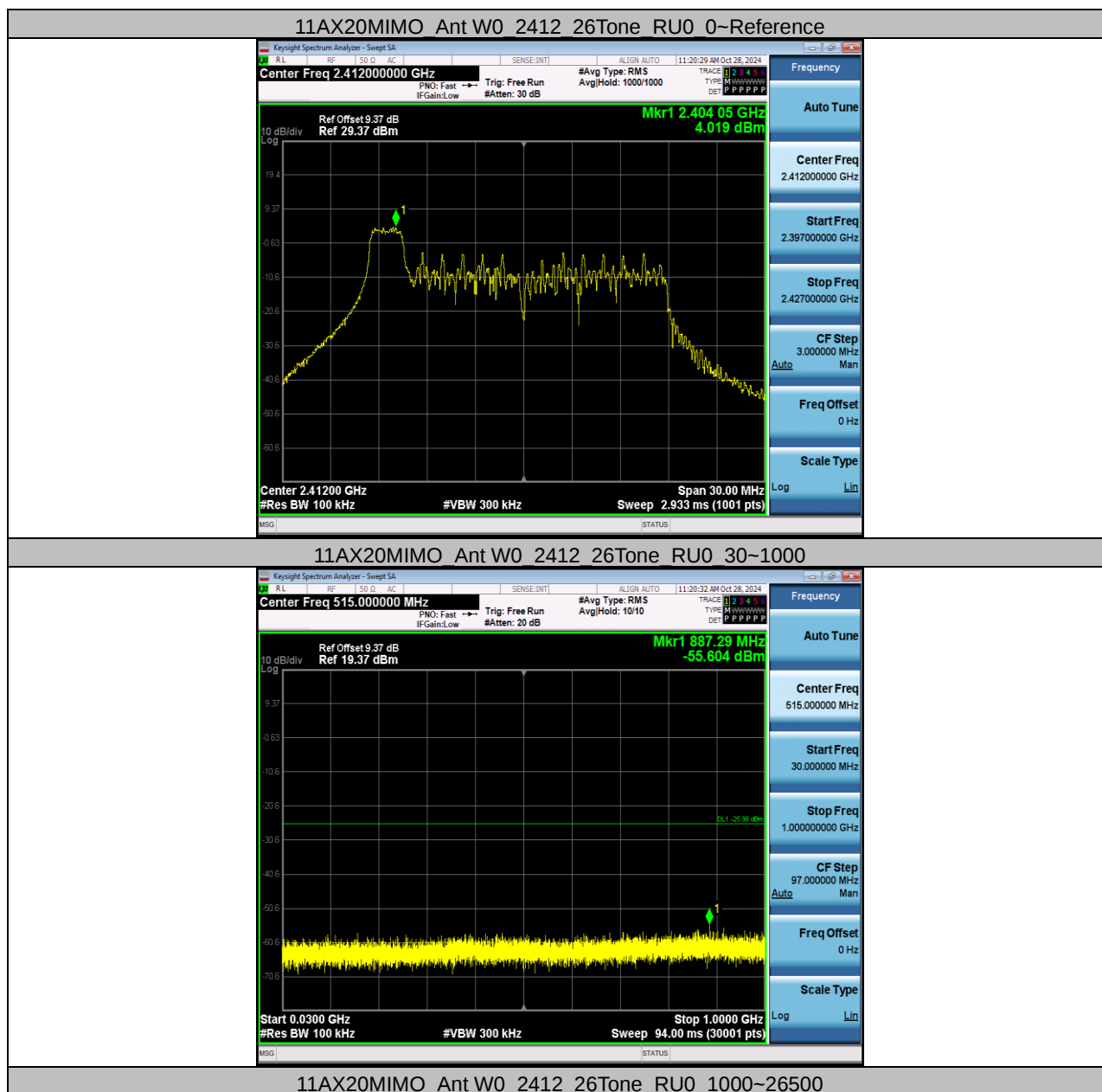


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|  |        |      |         |      |            |      |        |               |      |
|--|--------|------|---------|------|------------|------|--------|---------------|------|
|  |        |      |         | RU54 | 1000~26500 | 3.73 | -36.49 | $\leq -26.27$ | PASS |
|  | Ant W1 | 2462 | 26Tone  | RU8  | Reference  | 6.18 | 6.18   | ---           | PASS |
|  |        |      |         | RU8  | 30~1000    | 6.18 | -56.29 | $\leq -23.82$ | PASS |
|  |        |      |         | RU8  | 1000~26500 | 6.18 | -37.87 | $\leq -23.82$ | PASS |
|  |        |      |         | RU8  | 1000~26500 | 6.18 | -37.87 | $\leq -23.82$ | PASS |
|  |        |      | 52Tone  | RU40 | Reference  | 4.96 | 4.96   | ---           | PASS |
|  |        |      |         | RU40 | 30~1000    | 4.96 | -56.82 | $\leq -25.04$ | PASS |
|  |        |      |         | RU40 | 1000~26500 | 4.96 | -36.39 | $\leq -25.04$ | PASS |
|  |        |      | 106Tone | RU54 | Reference  | 5.02 | 5.02   | ---           | PASS |
|  |        |      |         | RU54 | 30~1000    | 5.02 | -56.70 | $\leq -24.98$ | PASS |
|  |        |      |         | RU54 | 1000~26500 | 5.02 | -38.20 | $\leq -24.98$ | PASS |
|  |        |      |         | RU54 | 1000~26500 | 5.02 | -38.20 | $\leq -24.98$ | PASS |

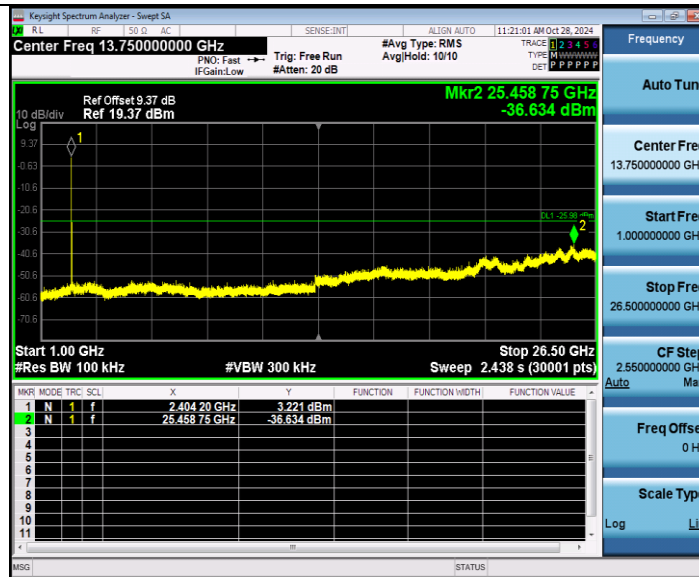
## TEST GRAPHS



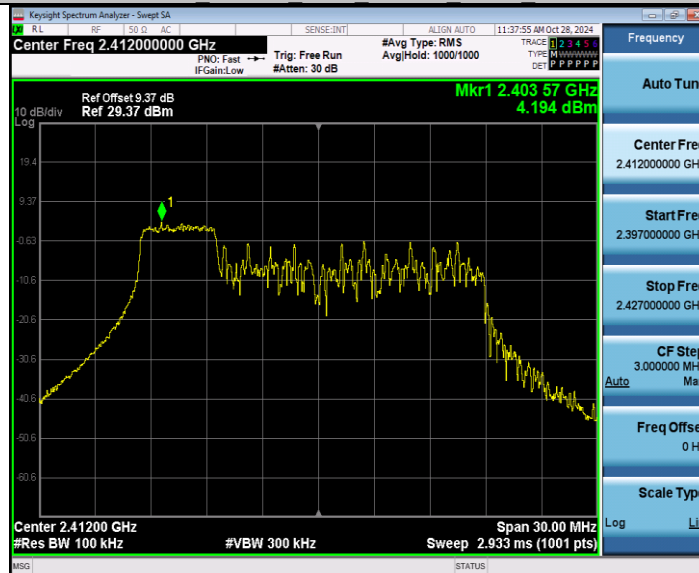


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Reference No.: W7L-P24090006RF02



11AX20MIMO Ant W0 2412 52Tone RU37 0-Reference

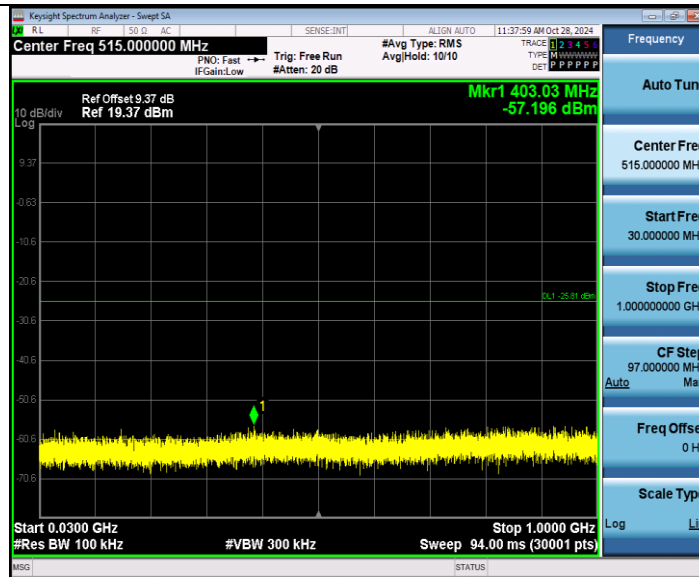


11AX20MIMO Ant W0 2412 52Tone RU37 30-1000

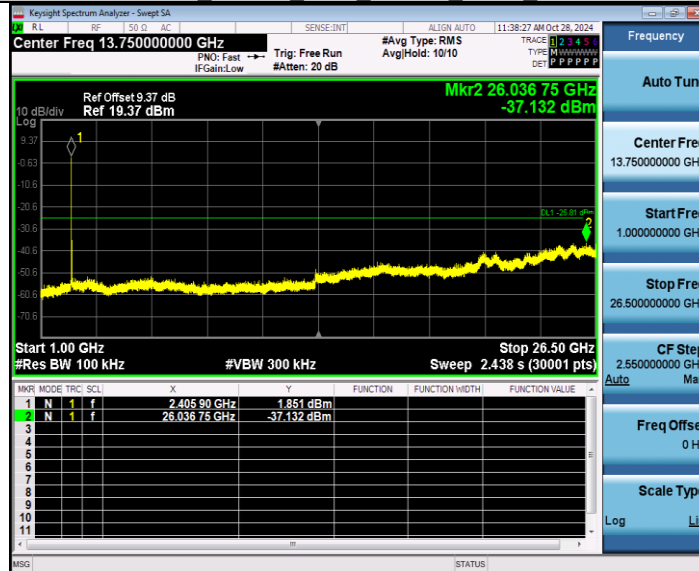


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Reference No.: W7L-P24090006RF02



11AX20MIMO Ant W0 2412 52Tone RU37 1000~26500

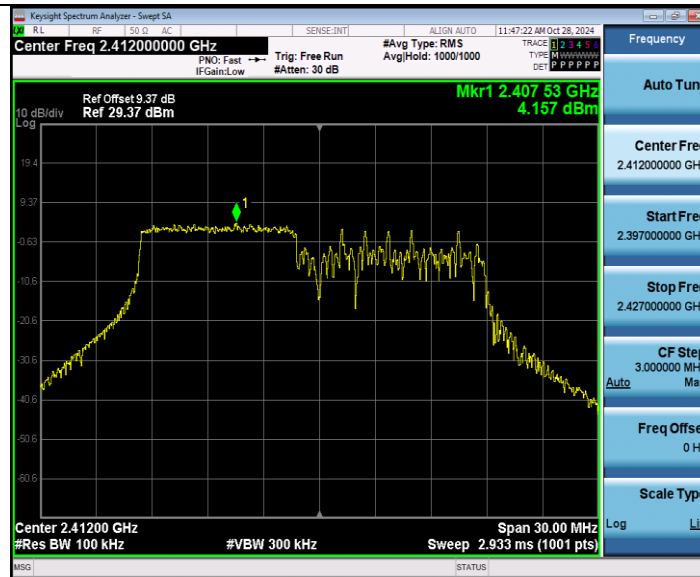


11AX20MIMO Ant W0 2412 106Tone RU53 0~Reference

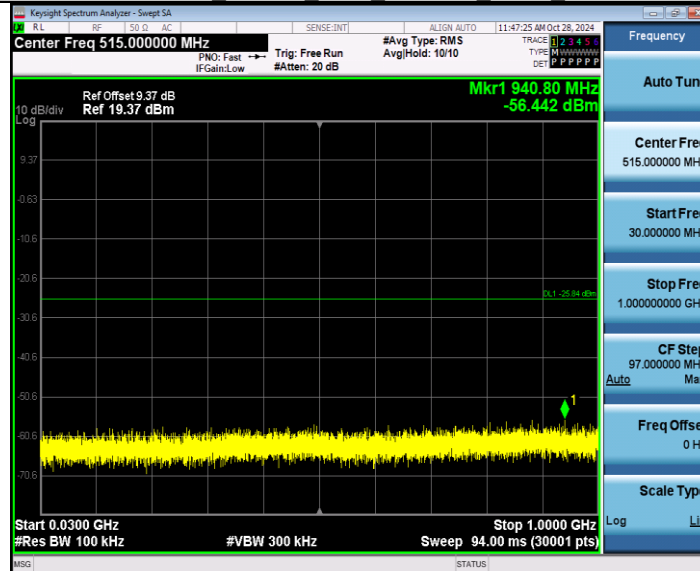


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VERITAS

Reference No.: W7L-P24090006RF02



11AX20MIMO Ant W0 2412 106Tone RU53 30~1000

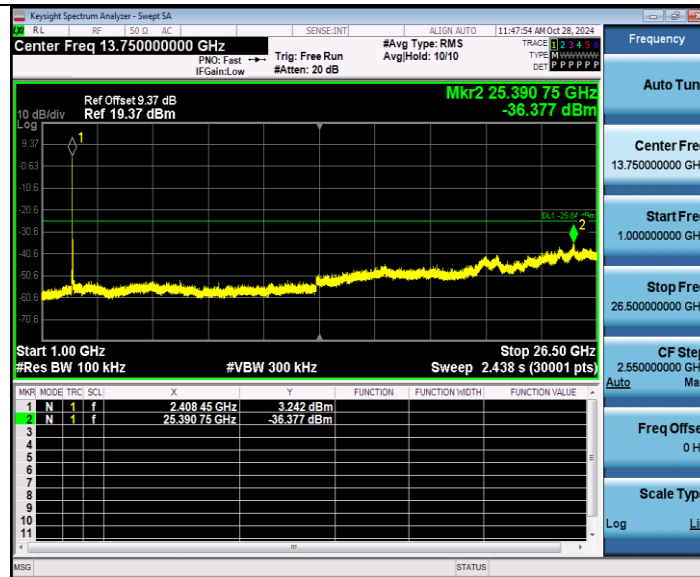


11AX20MIMO Ant W0 2412 106Tone RU53 1000~26500

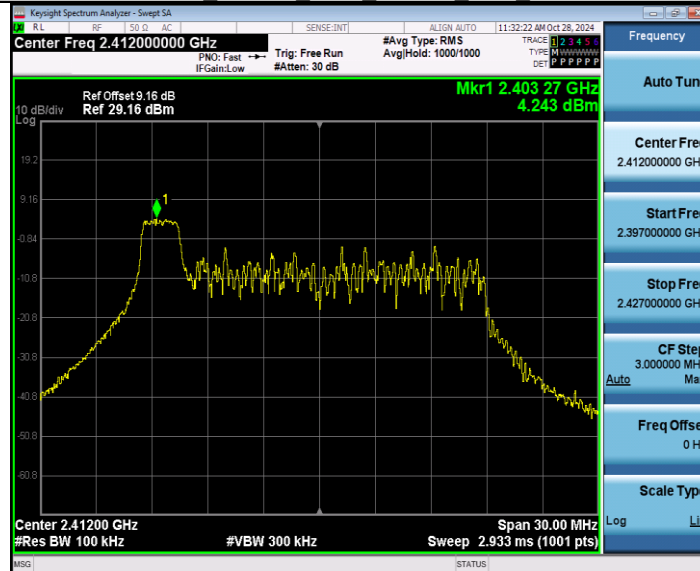


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VERITAS

Reference No.: W7L-P24090006RF02



11AX20MIMO Ant W1 2412 26Tone RU0 0-Reference

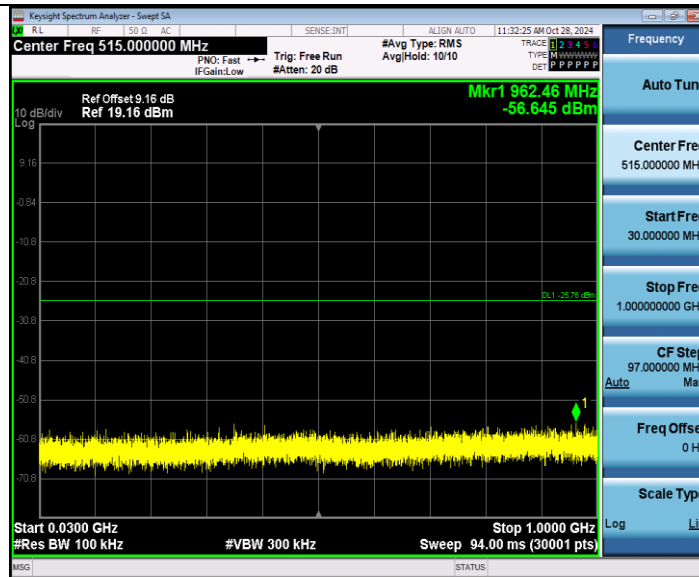


11AX20MIMO Ant W1 2412 26Tone RU0 30-1000

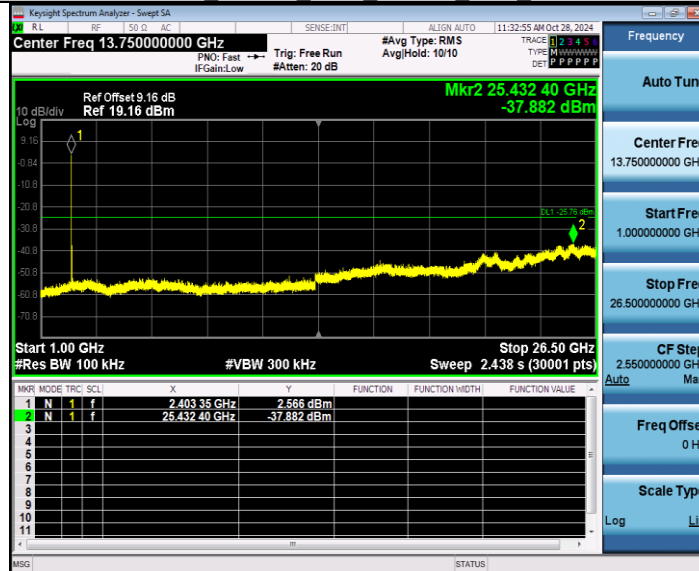


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VERITAS

Reference No.: W7L-P24090006RF02



11AX20MIMO\_Ant W1\_2412\_26Tone\_RU0\_1000~26500

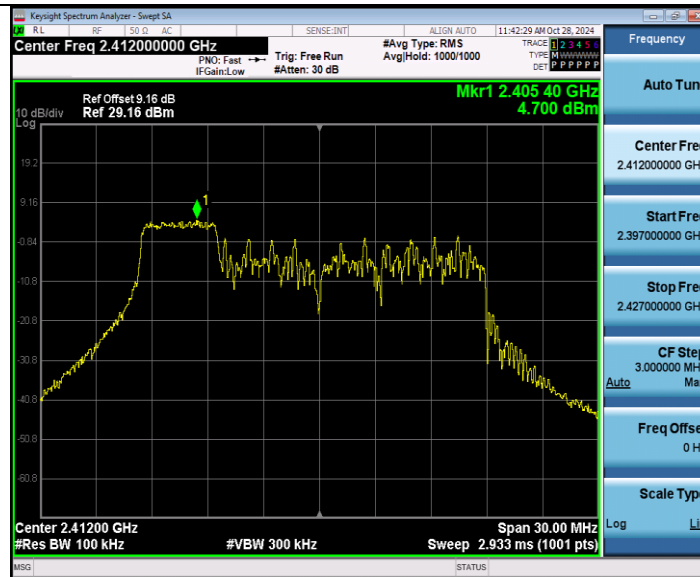


11AX20MIMO\_Ant W1\_2412\_52Tone\_RU37\_0~Reference

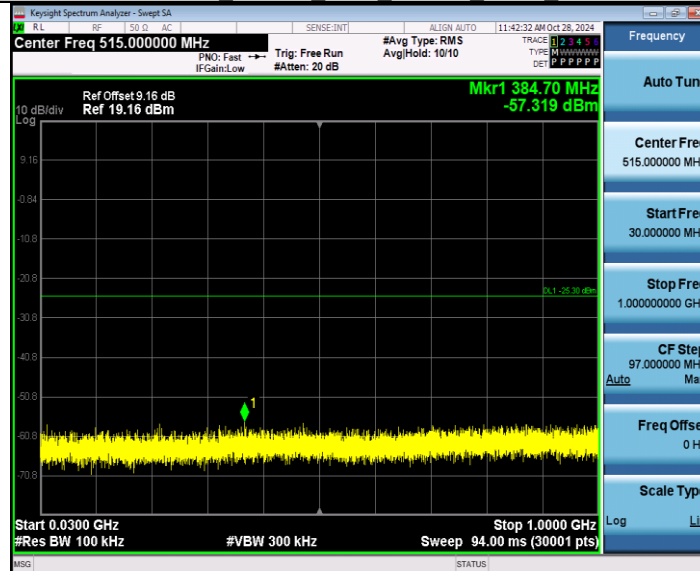


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VERITAS

Reference No.: W7L-P24090006RF02



11AX20MIMO Ant W1 2412 52Tone RU37 30~1000

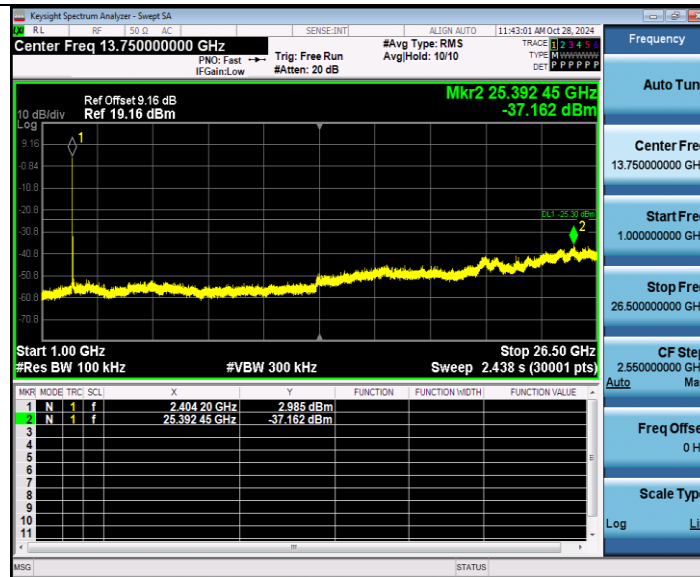


11AX20MIMO Ant W1 2412 52Tone RU37 1000~26500

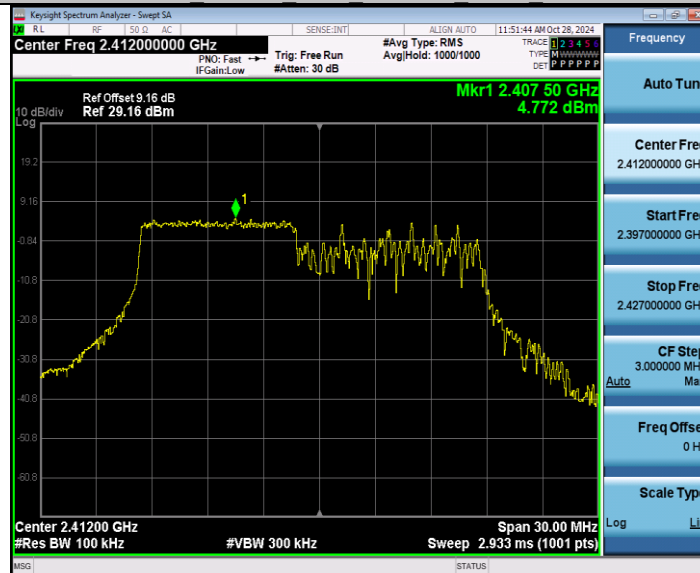


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VERITAS

Reference No.: W7L-P24090006RF02



11AX20MIMO Ant W1 2412 106Tone RU53 0~Reference

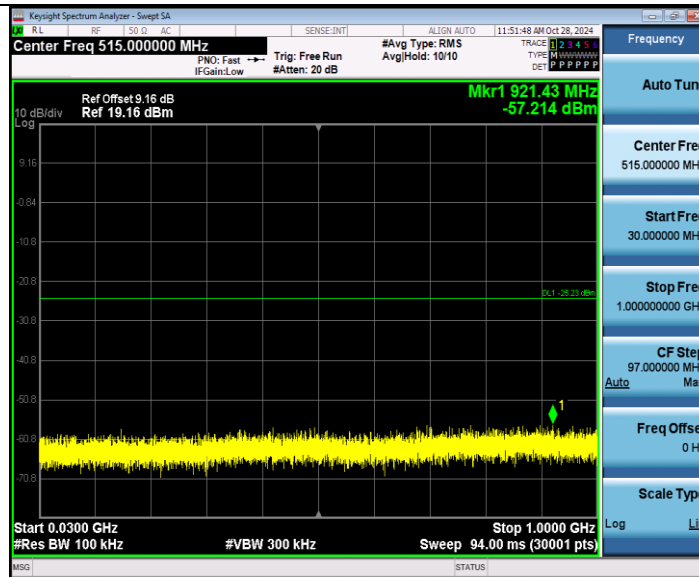


11AX20MIMO Ant W1 2412 106Tone RU53 30~1000

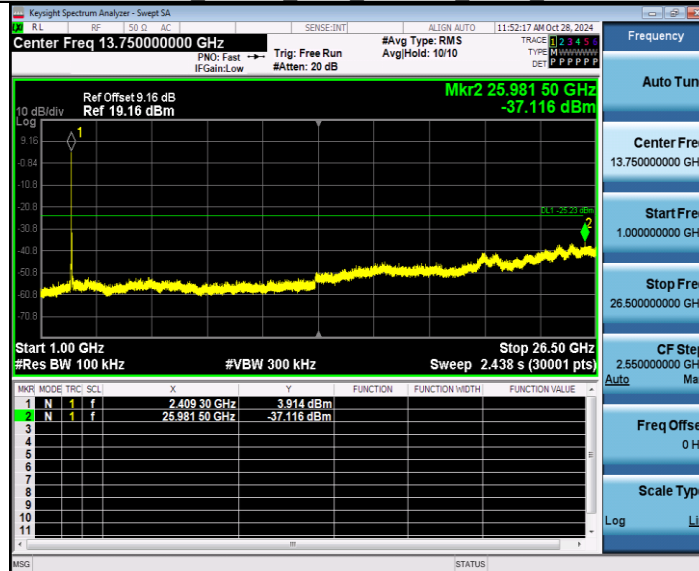


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Reference No.: W7L-P24090006RF02



11AX20MIMO Ant W1 2412 106Tone RU53 1000~26500

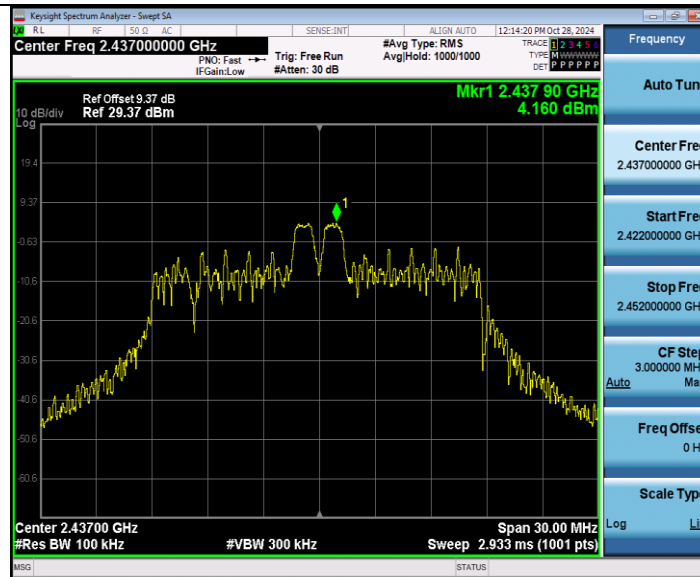


11AX20MIMO Ant W0 2437 26Tone RU4 0~Reference

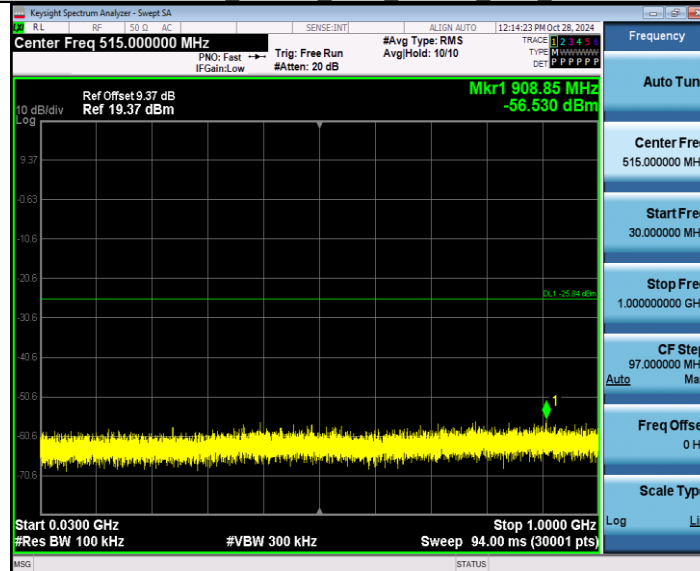


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Reference No.: W7L-P24090006RF02



11AX20MIMO Ant W0 2437 26Tone RU4 30~1000

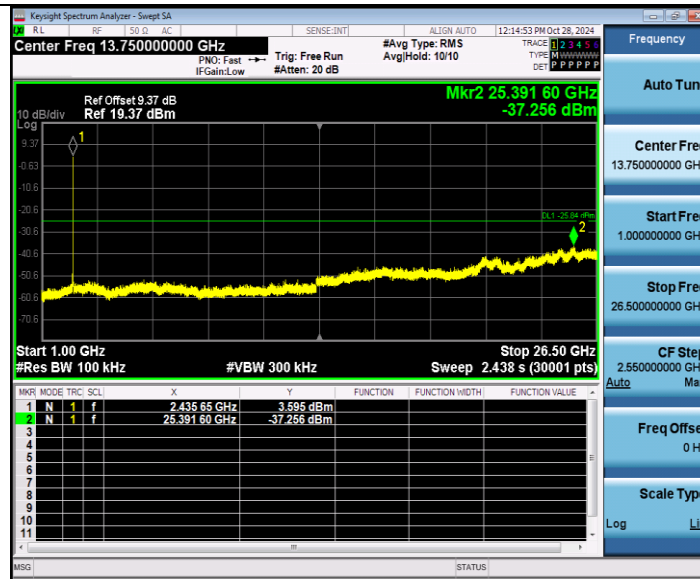


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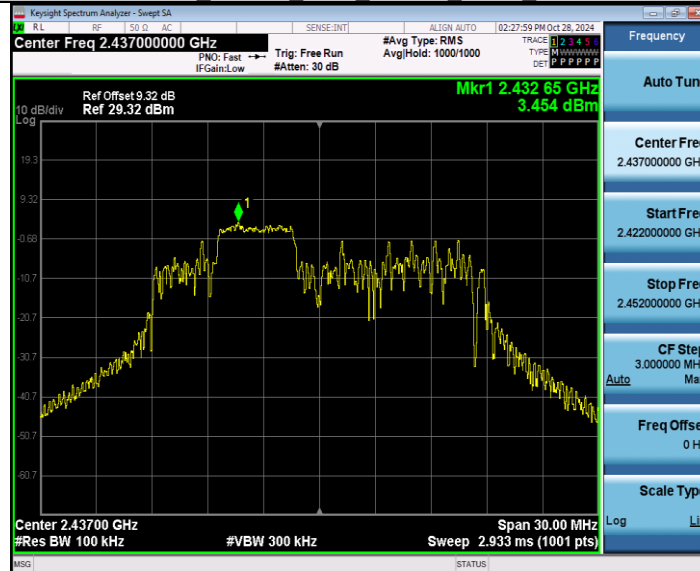


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VERITAS

Reference No.: W7L-P24090006RF02



11AX20MIMO Ant W0 2437 52Tone RU38 0-Reference

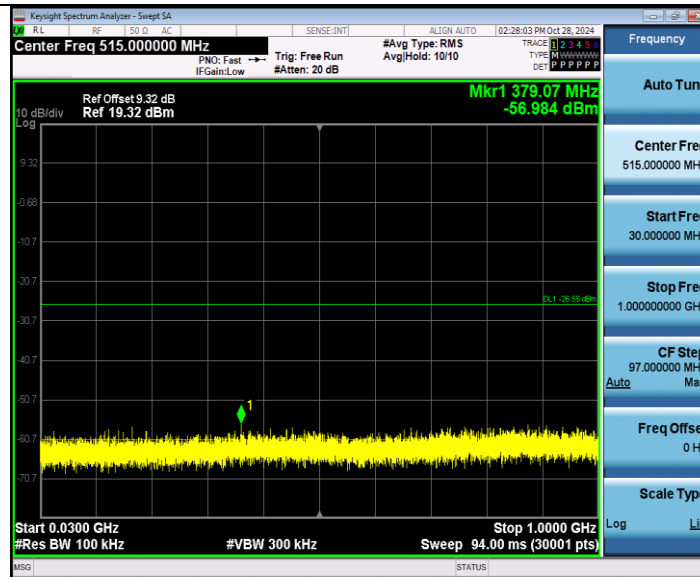


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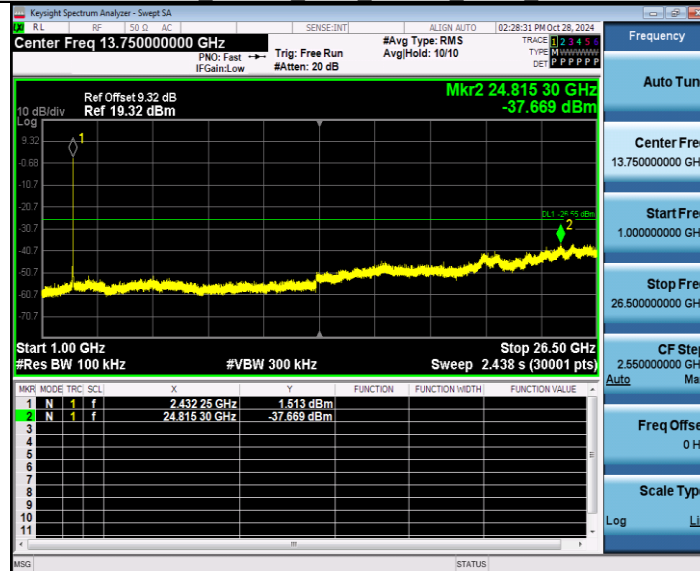


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VERITAS

Reference No.: W7L-P24090006RF02



11AX20MIMO Ant W0 2437 52Tone RU38 1000~26500



11AX20MIMO Ant W0 2437 106Tone RU53 0~Reference