

## CONDUCTED SPURIOUS EMISSION TEST RESULT

| TestMode  | Antenna | Frequency[MHz] | FreqRange<br>[Mhz] | RefLevel<br>[dBm] | Result<br>[dBm] | Limit<br>[dBm] | Verdict |
|-----------|---------|----------------|--------------------|-------------------|-----------------|----------------|---------|
| 11B       | Ant W0  | 2412           | Reference          | 8.32              | 8.32            | ---            | PASS    |
|           |         |                | 30~1000            | 8.32              | -55.73          | ≤-21.68        | PASS    |
|           |         |                | 1000~26500         | 8.32              | -35.98          | ≤-21.68        | PASS    |
|           | Ant W1  | 2412           | Reference          | 8.67              | 8.67            | ---            | PASS    |
|           |         |                | 30~1000            | 8.67              | -57.3           | ≤-21.33        | PASS    |
|           |         |                | 1000~26500         | 8.67              | -37.74          | ≤-21.33        | PASS    |
|           | Ant W0  | 2437           | Reference          | 8.74              | 8.74            | ---            | PASS    |
|           |         |                | 30~1000            | 8.74              | -56.59          | ≤-21.26        | PASS    |
|           |         |                | 1000~26500         | 8.74              | -37.01          | ≤-21.26        | PASS    |
|           | Ant W1  | 2437           | Reference          | 9.38              | 9.38            | ---            | PASS    |
|           |         |                | 30~1000            | 9.38              | -57.16          | ≤-20.62        | PASS    |
|           |         |                | 1000~26500         | 9.38              | -37.96          | ≤-20.62        | PASS    |
|           | Ant W0  | 2462           | Reference          | 8.81              | 8.81            | ---            | PASS    |
|           |         |                | 30~1000            | 8.81              | -55.65          | ≤-21.19        | PASS    |
|           |         |                | 1000~26500         | 8.81              | -36.45          | ≤-21.19        | PASS    |
|           | Ant W1  | 2462           | Reference          | 9.45              | 9.45            | ---            | PASS    |
|           |         |                | 30~1000            | 9.45              | -56.98          | ≤-20.55        | PASS    |
|           |         |                | 1000~26500         | 9.45              | -38.26          | ≤-20.55        | PASS    |
| 11G       | Ant W0  | 2412           | Reference          | 3.56              | 3.56            | ---            | PASS    |
|           |         |                | 30~1000            | 3.56              | -57.09          | ≤-26.44        | PASS    |
|           |         |                | 1000~26500         | 3.56              | -36.88          | ≤-26.44        | PASS    |
|           | Ant W1  | 2412           | Reference          | 4.70              | 4.70            | ---            | PASS    |
|           |         |                | 30~1000            | 4.70              | -57.41          | ≤-25.3         | PASS    |
|           |         |                | 1000~26500         | 4.70              | -37.81          | ≤-25.3         | PASS    |
|           | Ant W0  | 2437           | Reference          | 3.45              | 3.45            | ---            | PASS    |
|           |         |                | 30~1000            | 3.45              | -56.31          | ≤-26.55        | PASS    |
|           |         |                | 1000~26500         | 3.45              | -35.88          | ≤-26.55        | PASS    |
|           | Ant W1  | 2437           | Reference          | 5.25              | 5.25            | ---            | PASS    |
|           |         |                | 30~1000            | 5.25              | -57.45          | ≤-24.75        | PASS    |
|           |         |                | 1000~26500         | 5.25              | -37.62          | ≤-24.75        | PASS    |
|           | Ant W0  | 2462           | Reference          | 5.43              | 5.43            | ---            | PASS    |
|           |         |                | 30~1000            | 5.43              | -56.19          | ≤-24.57        | PASS    |
|           |         |                | 1000~26500         | 5.43              | -37.11          | ≤-24.57        | PASS    |
|           | Ant W1  | 2462           | Reference          | 4.57              | 4.57            | ---            | PASS    |
|           |         |                | 30~1000            | 4.57              | -57.32          | ≤-25.43        | PASS    |
|           |         |                | 1000~26500         | 4.57              | -37.28          | ≤-25.43        | PASS    |
| 11N20MIMO | Ant W0  | 2412           | Reference          | 4.31              | 4.31            | ---            | PASS    |
|           |         |                | 30~1000            | 4.31              | -56.07          | ≤-25.69        | PASS    |
|           |         |                | 1000~26500         | 4.31              | -36.4           | ≤-25.69        | PASS    |
|           | Ant W1  | 2412           | Reference          | 4.52              | 4.52            | ---            | PASS    |
|           |         |                | 30~1000            | 4.52              | -57.02          | ≤-25.48        | PASS    |
|           |         |                | 1000~26500         | 4.52              | -36.53          | ≤-25.48        | PASS    |
|           | Ant W0  | 2437           | Reference          | 2.95              | 2.95            | ---            | PASS    |
|           |         |                | 30~1000            | 2.95              | -57.03          | ≤-27.05        | PASS    |



Reference No.: W7L-P24090006RF02

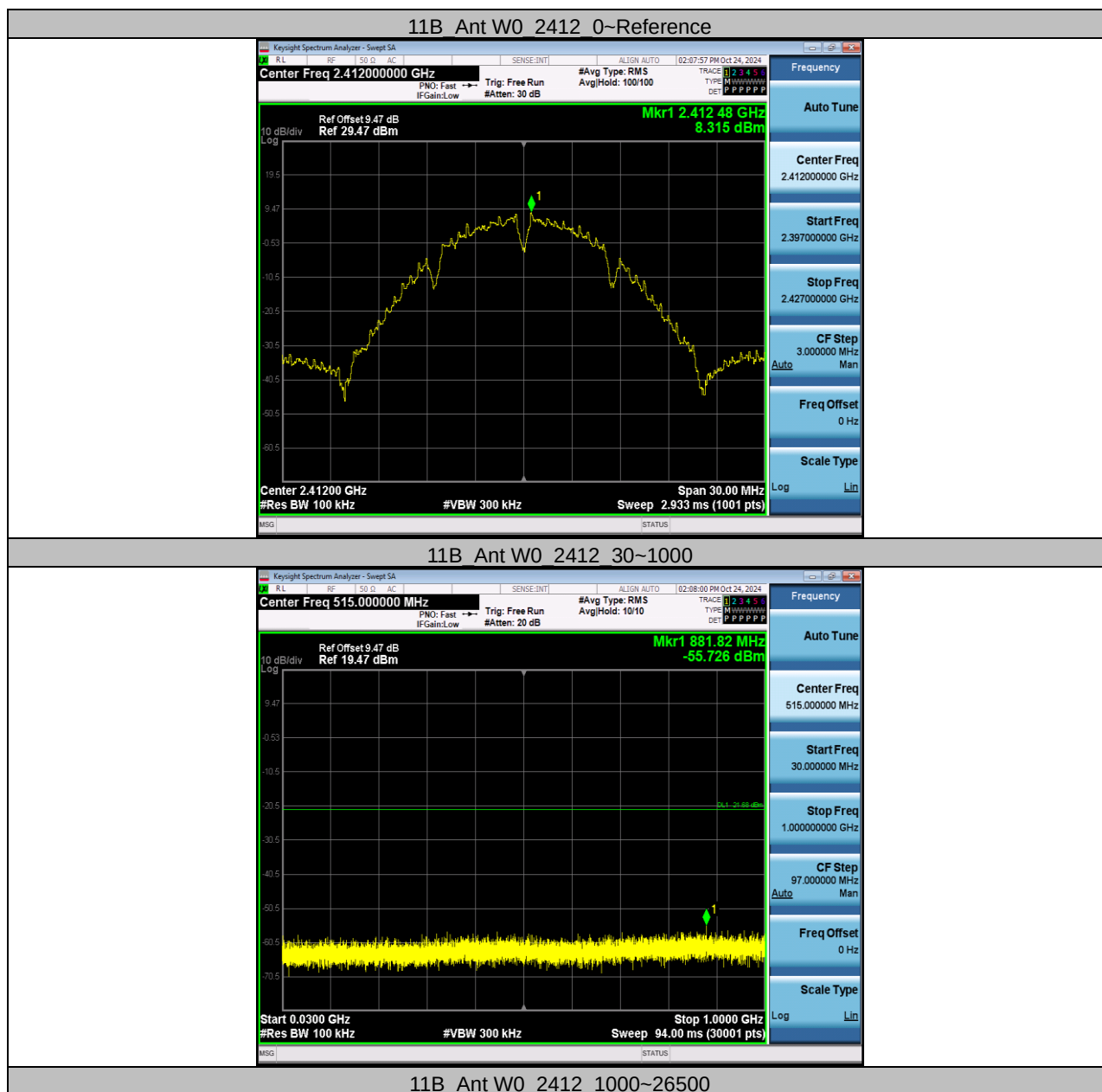
|            |        |      |            |       |        |         |      |
|------------|--------|------|------------|-------|--------|---------|------|
|            | Ant W1 | 2437 | 1000~26500 | 2.95  | -37.91 | ≤-27.05 | PASS |
|            |        |      | Reference  | 2.28  | 2.28   | ---     | PASS |
|            |        |      | 30~1000    | 2.28  | -56.84 | ≤-27.72 | PASS |
|            | Ant W0 | 2462 | 1000~26500 | 2.28  | -37.55 | ≤-27.72 | PASS |
|            |        |      | Reference  | 2.11  | 2.11   | ---     | PASS |
|            |        |      | 30~1000    | 2.11  | -57.24 | ≤-27.89 | PASS |
|            | Ant W1 | 2462 | 1000~26500 | 2.11  | -36.83 | ≤-27.89 | PASS |
|            |        |      | Reference  | 4.31  | 4.31   | ---     | PASS |
|            |        |      | 30~1000    | 4.31  | -55.69 | ≤-25.69 | PASS |
| 11N40MIMO  | Ant W0 | 2422 | 1000~26500 | 4.31  | -37.9  | ≤-25.69 | PASS |
|            |        |      | Reference  | -4.38 | -4.38  | ---     | PASS |
|            |        |      | 30~1000    | -4.38 | -55.6  | ≤-34.38 | PASS |
|            | Ant W1 | 2422 | 1000~26500 | -4.38 | -36.91 | ≤-34.38 | PASS |
|            |        |      | Reference  | -3.92 | -3.92  | ---     | PASS |
|            |        |      | 30~1000    | -3.92 | -55.94 | ≤-33.92 | PASS |
|            | Ant W0 | 2437 | 1000~26500 | -3.92 | -37.87 | ≤-33.92 | PASS |
|            |        |      | Reference  | -1.38 | -1.38  | ---     | PASS |
|            |        |      | 30~1000    | -1.38 | -56.91 | ≤-31.38 | PASS |
|            | Ant W1 | 2437 | 1000~26500 | -1.38 | -36.52 | ≤-31.38 | PASS |
|            |        |      | Reference  | -0.85 | -0.85  | ---     | PASS |
|            |        |      | 30~1000    | -0.85 | -56.72 | ≤-30.85 | PASS |
|            | Ant W0 | 2452 | 1000~26500 | -0.85 | -37.56 | ≤-30.85 | PASS |
|            |        |      | Reference  | -3.04 | -3.04  | ---     | PASS |
|            |        |      | 30~1000    | -3.04 | -57.34 | ≤-33.04 | PASS |
|            | Ant W1 | 2452 | 1000~26500 | -3.04 | -37.12 | ≤-33.04 | PASS |
|            |        |      | Reference  | -1.33 | -1.33  | ---     | PASS |
|            |        |      | 30~1000    | -1.33 | -56.69 | ≤-31.33 | PASS |
| 11AX20MIMO | Ant W0 | 2412 | 1000~26500 | -1.33 | -35.99 | ≤-31.33 | PASS |
|            |        |      | Reference  | 2.70  | 2.70   | ---     | PASS |
|            |        |      | 30~1000    | 2.70  | -55.78 | ≤-27.3  | PASS |
|            | Ant W1 | 2412 | 1000~26500 | 2.70  | -36.39 | ≤-27.3  | PASS |
|            |        |      | Reference  | 4.86  | 4.86   | ---     | PASS |
|            |        |      | 30~1000    | 4.86  | -56.72 | ≤-25.14 | PASS |
|            | Ant W0 | 2437 | 1000~26500 | 4.86  | -37.23 | ≤-25.14 | PASS |
|            |        |      | Reference  | 1.54  | 1.54   | ---     | PASS |
|            |        |      | 30~1000    | 1.54  | -55.87 | ≤-28.46 | PASS |
|            | Ant W1 | 2437 | 1000~26500 | 1.54  | -37.25 | ≤-28.46 | PASS |
|            |        |      | Reference  | 1.75  | 1.75   | ---     | PASS |
|            |        |      | 30~1000    | 1.75  | -56.72 | ≤-28.25 | PASS |
|            | Ant W0 | 2462 | 1000~26500 | 1.75  | -37.25 | ≤-28.25 | PASS |
|            |        |      | Reference  | 2.97  | 2.97   | ---     | PASS |
|            |        |      | 30~1000    | 2.97  | -56.51 | ≤-27.03 | PASS |
|            | Ant W1 | 2462 | 1000~26500 | 2.97  | -36.99 | ≤-27.03 | PASS |
|            |        |      | Reference  | 3.73  | 3.73   | ---     | PASS |
|            |        |      | 30~1000    | 3.73  | -56.91 | ≤-26.27 | PASS |
| 11AX40MIMO | Ant W0 | 2422 | 1000~26500 | 3.73  | -37.66 | ≤-26.27 | PASS |
|            |        |      | Reference  | -0.09 | -0.09  | ---     | PASS |
|            |        |      | 30~1000    | -0.09 | -55.87 | ≤-30.09 | PASS |
|            | Ant W1 | 2422 | 1000~26500 | -0.09 | -37.12 | ≤-30.09 | PASS |
|            |        |      | Reference  | -0.22 | -0.22  | ---     | PASS |
|            |        |      | 30~1000    | -0.22 | -56.57 | ≤-30.22 | PASS |



Reference No.: W7L-P24090006RF02

|  |        |      |            |       |        |               |      |
|--|--------|------|------------|-------|--------|---------------|------|
|  | Ant W0 | 2437 | Reference  | 0.32  | 0.32   | ---           | PASS |
|  |        |      | 30~1000    | 0.32  | -56.62 | $\leq -29.68$ | PASS |
|  |        |      | 1000~26500 | 0.32  | -37.18 | $\leq -29.68$ | PASS |
|  | Ant W1 | 2437 | Reference  | 0.39  | 0.39   | ---           | PASS |
|  |        |      | 30~1000    | 0.39  | -57.19 | $\leq -29.61$ | PASS |
|  |        |      | 1000~26500 | 0.39  | -37.64 | $\leq -29.61$ | PASS |
|  | Ant W0 | 2452 | Reference  | -2.91 | -2.91  | ---           | PASS |
|  |        |      | 30~1000    | -2.91 | -56.83 | $\leq -32.91$ | PASS |
|  |        |      | 1000~26500 | -2.91 | -37.11 | $\leq -32.91$ | PASS |
|  | Ant W1 | 2452 | Reference  | -2.11 | -2.11  | ---           | PASS |
|  |        |      | 30~1000    | -2.11 | -56.99 | $\leq -32.11$ | PASS |
|  |        |      | 1000~26500 | -2.11 | -37.68 | $\leq -32.11$ | PASS |

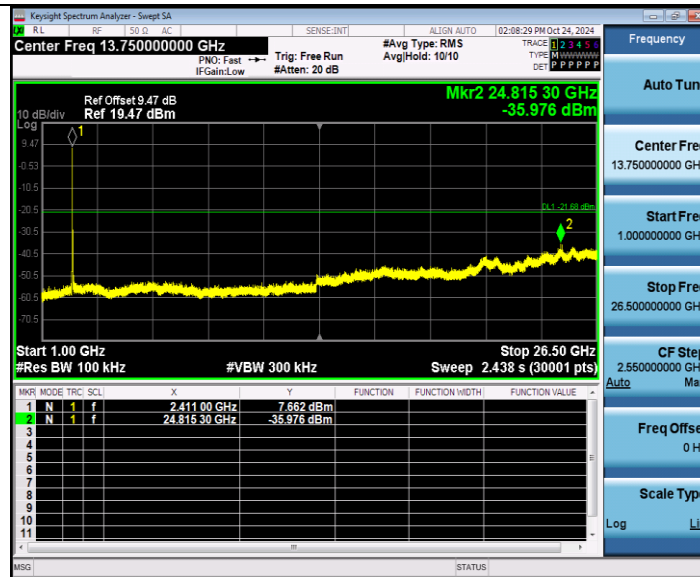
## TEST GRAPHS





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Reference No.: W7L-P24090006RF02



11B Ant W1 2412 0~Reference

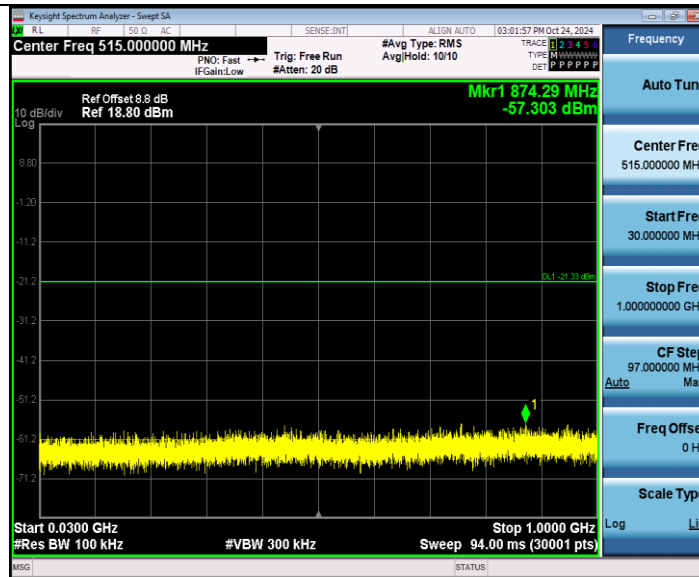


11B Ant W1 2412 30~1000

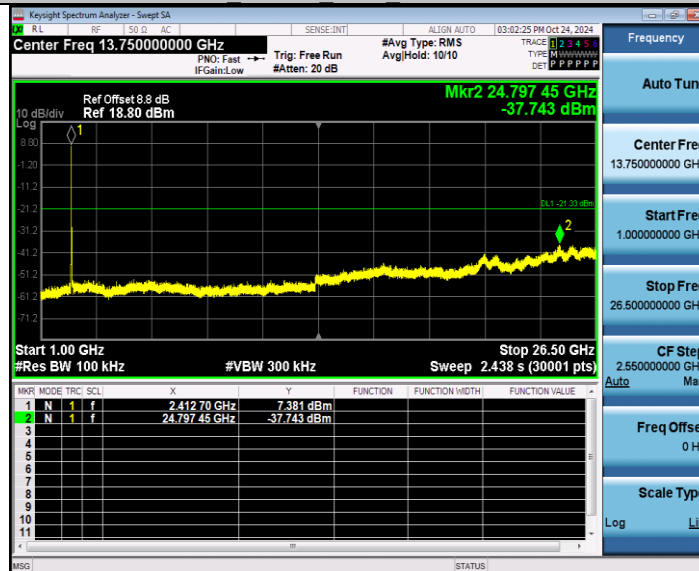


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Reference No.: W7L-P24090006RF02



11B\_Ant W1 2412 1000~26500



11B\_Ant W0 2437 0~Reference

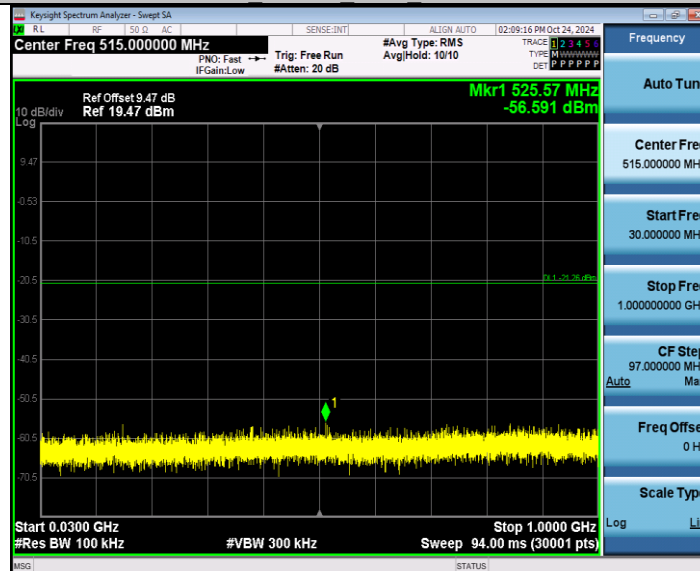


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Reference No.: W7L-P24090006RF02



11B\_Ant W0\_2437\_30~1000

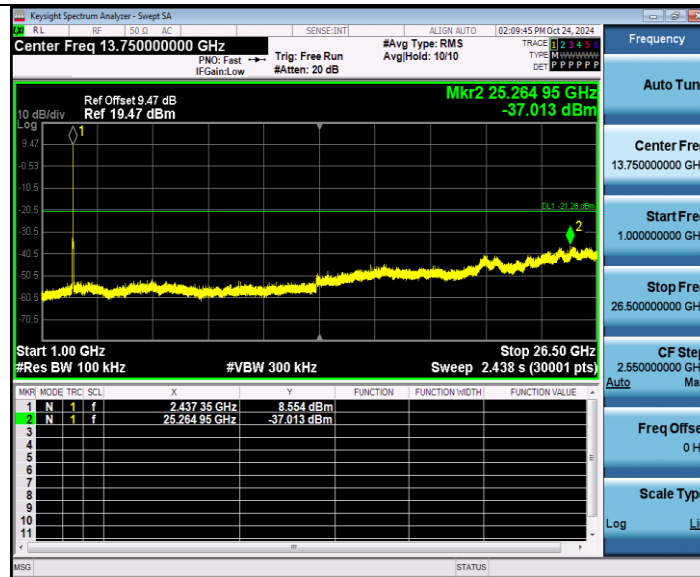


11B\_Ant W0\_2437\_1000~26500



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Reference No.: W7L-P24090006RF02



11B Ant W1 2437 0~Reference

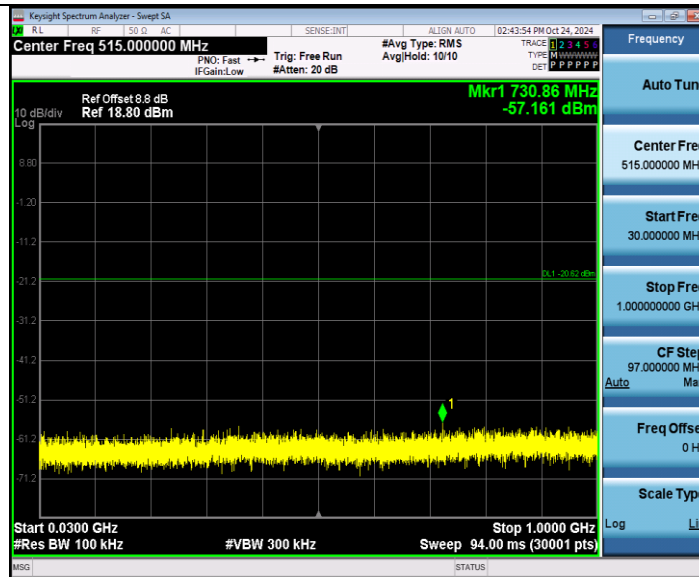


11B Ant W1 2437 30~1000

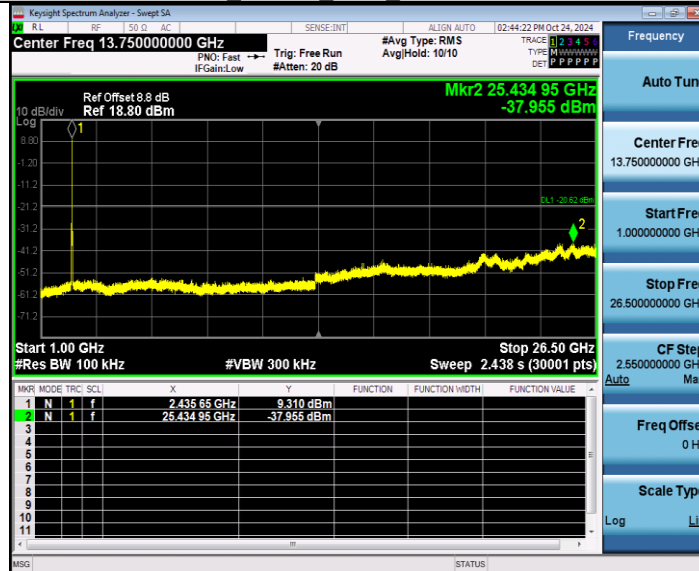


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Reference No.: W7L-P24090006RF02



11B\_Ant W1 2437 1000~26500



11B\_Ant W0 2462 0~Reference

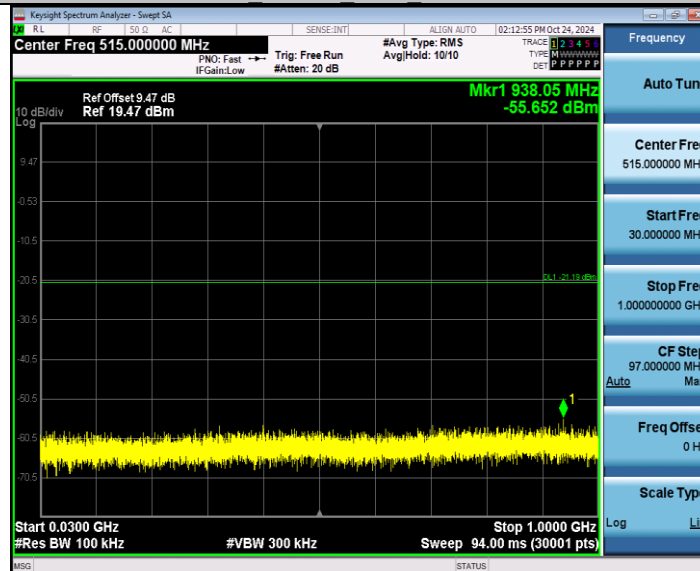


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VERITAS

Reference No.: W7L-P24090006RF02



11B\_Ant W0\_2462\_30~1000

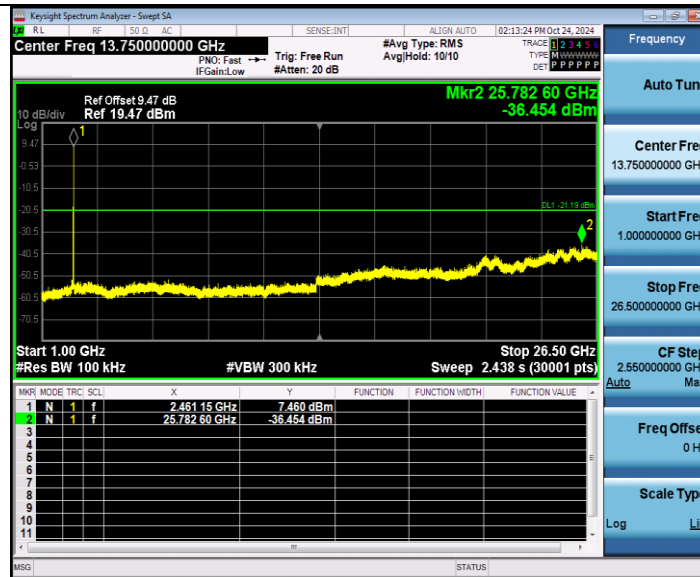


11B\_Ant W0\_2462\_1000~26500



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Reference No.: W7L-P24090006RF02



11B Ant W1 2462 0~Reference

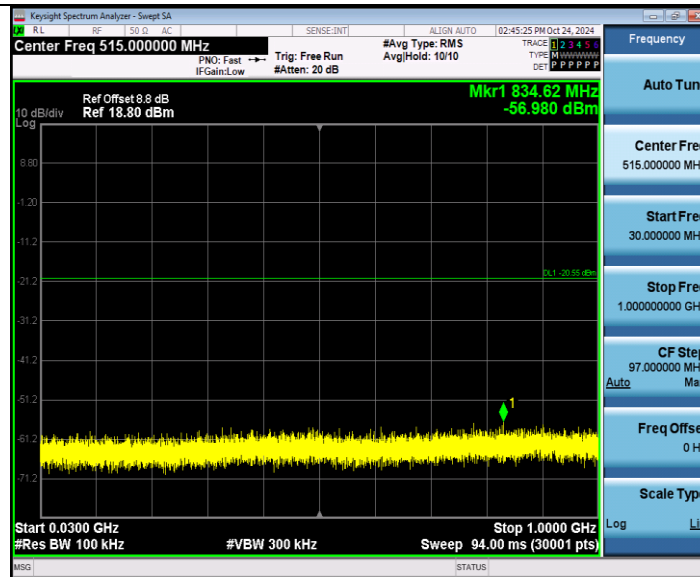


11B Ant W1 2462 30~1000

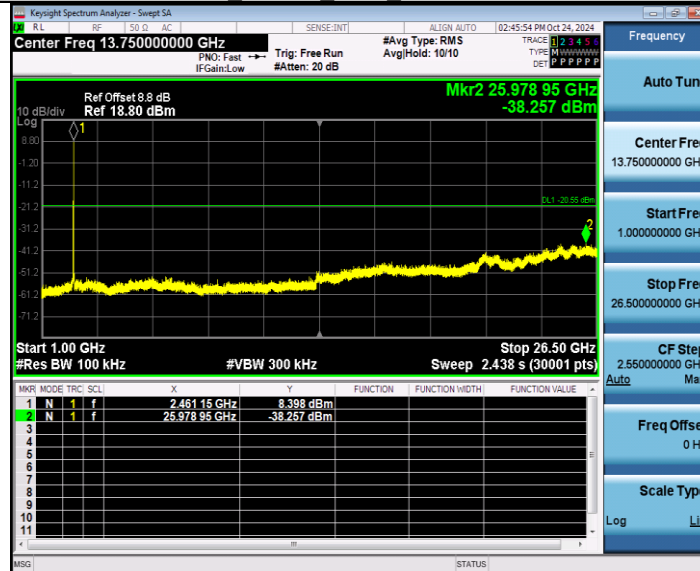


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Reference No.: W7L-P24090006RF02



11B\_Ant W1\_2462\_1000~26500



11G\_Ant W0\_2412\_0~Reference

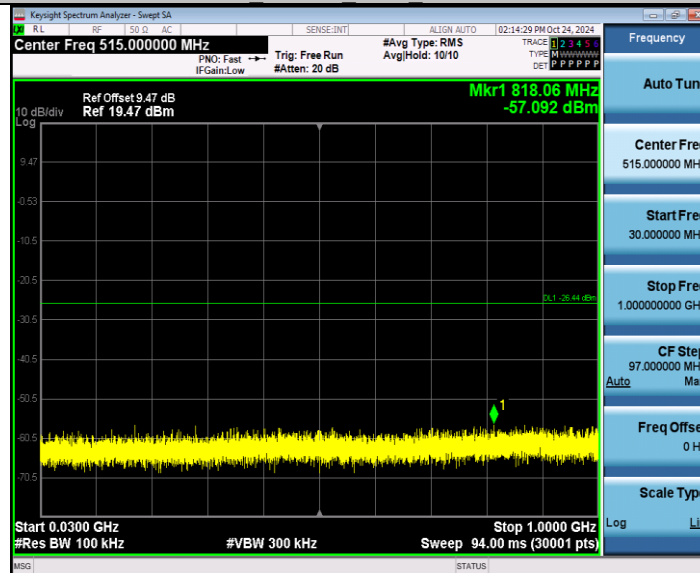


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Reference No.: W7L-P24090006RF02



11G Ant W0\_2412\_30~1000

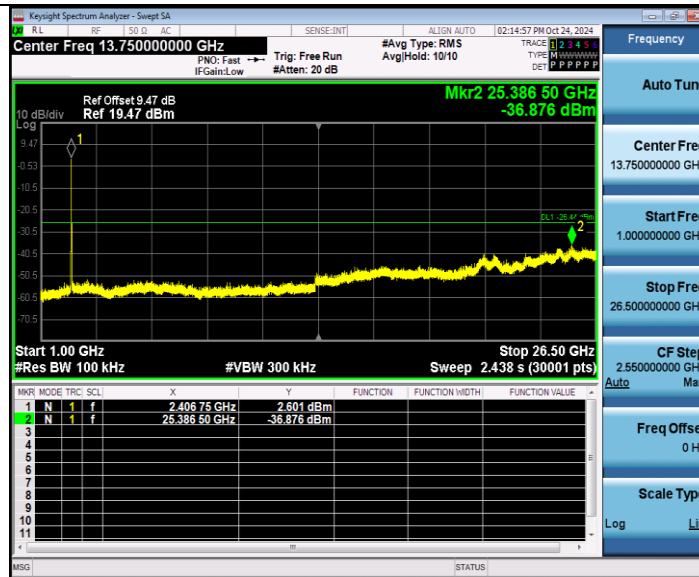


11G\_Ant W0\_2412\_1000~26500



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Reference No.: W7L-P24090006RF02



11G Ant W1 2412 0~Reference

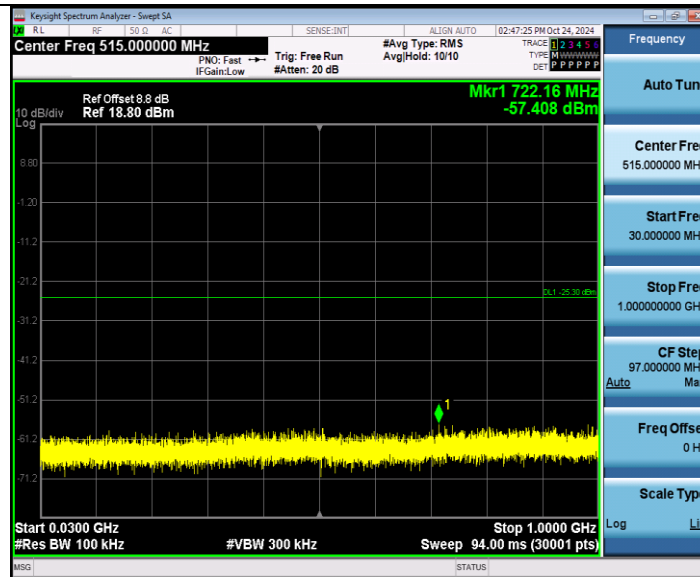


11G Ant W1 2412 30~1000

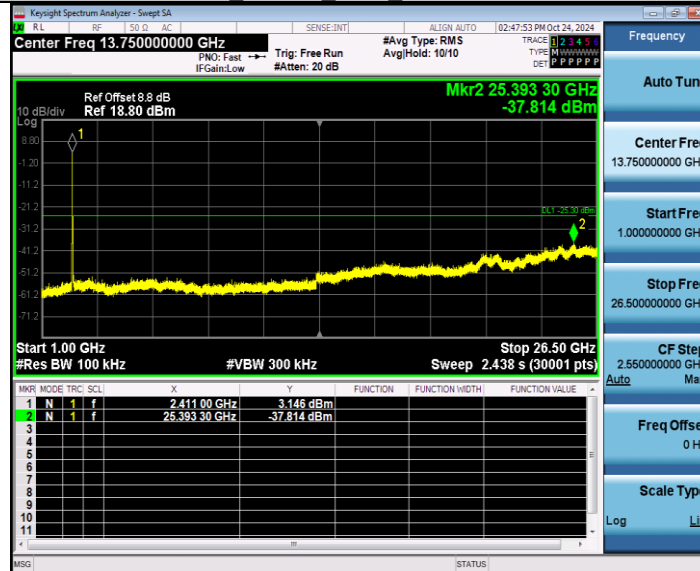


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VERITAS

Reference No.: W7L-P24090006RF02



11G\_Ant W1\_2412\_1000~26500



11G\_Ant W0\_2437\_0~Reference

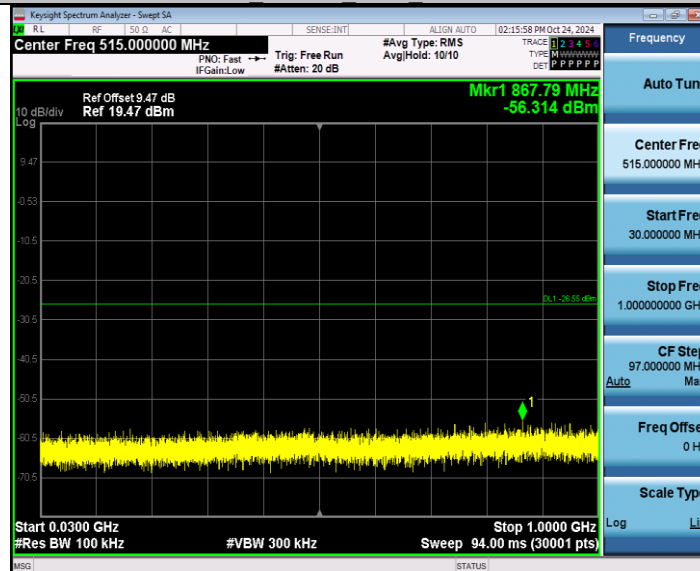


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VERITAS

Reference No.: W7L-P24090006RF02



11G\_Ant W0\_2437\_30~1000

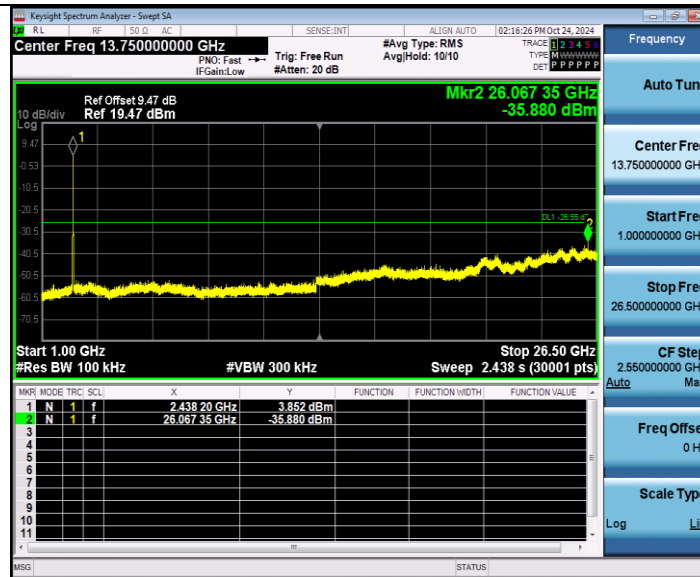


11G\_Ant W0\_2437\_1000~26500



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VERITAS

Reference No.: W7L-P24090006RF02



11G Ant W1 2437 0~Reference

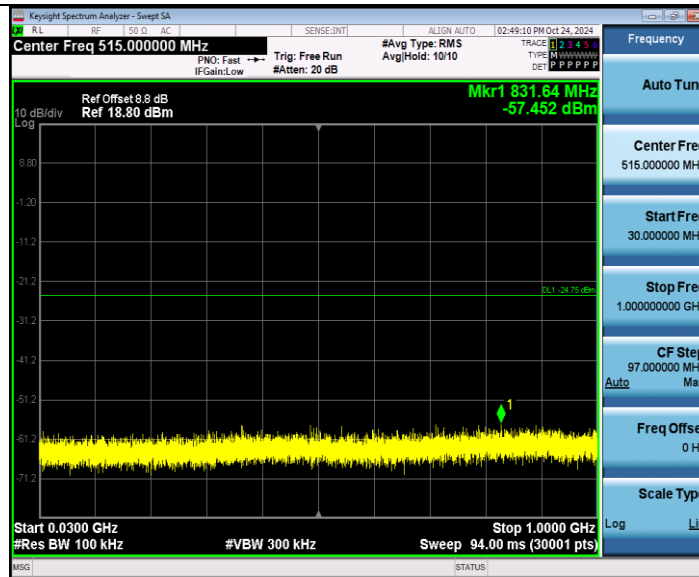


11G Ant W1 2437 30~1000

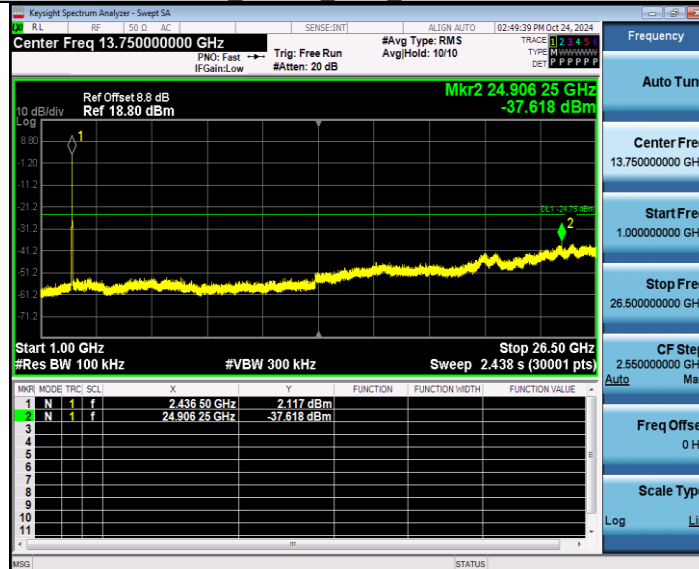


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VERITAS

Reference No.: W7L-P24090006RF02



11G\_Ant W1\_2437\_1000~26500



11G\_Ant W0\_2462\_0~Reference

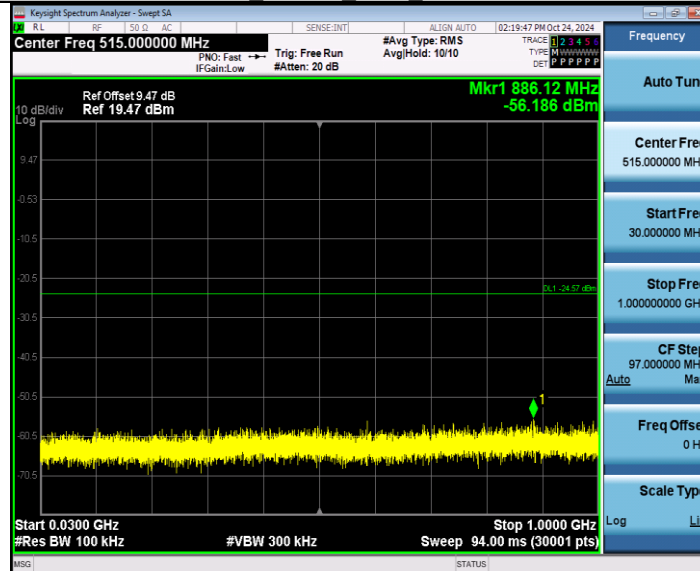


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VERITAS

Reference No.: W7L-P24090006RF02



11G Ant W0\_2462\_30~1000

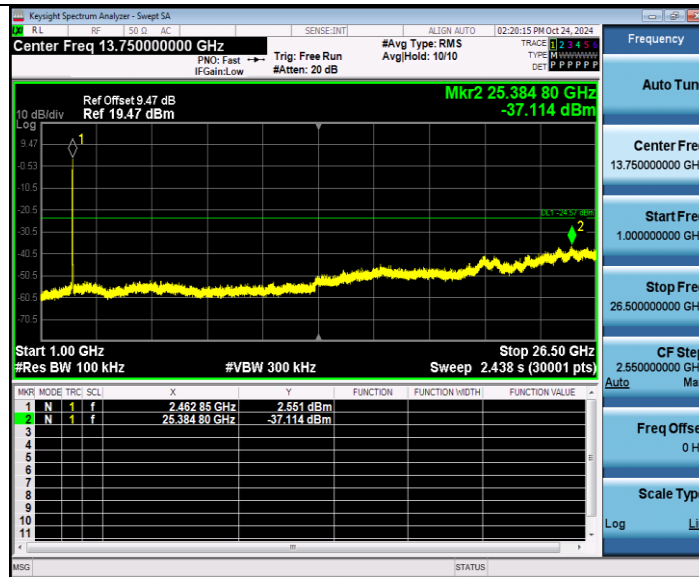


11G\_Ant W0\_2462\_1000~26500



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VERITAS

Reference No.: W7L-P24090006RF02



11G Ant W1 2462 0~Reference

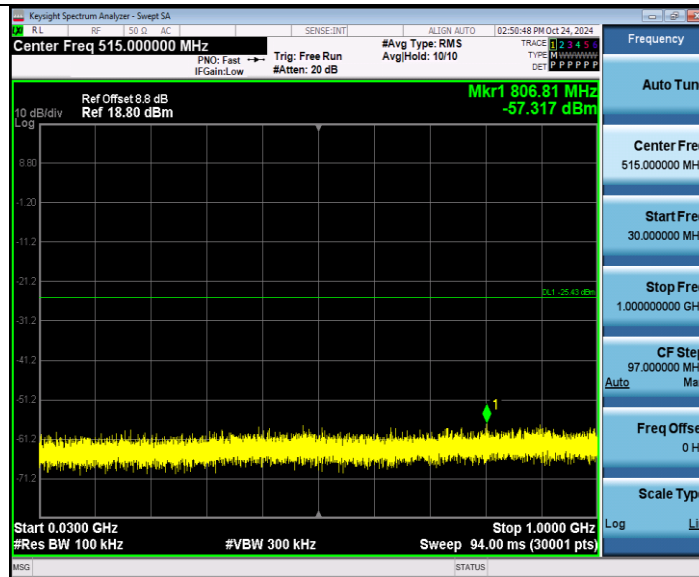


11G Ant W1 2462 30~1000

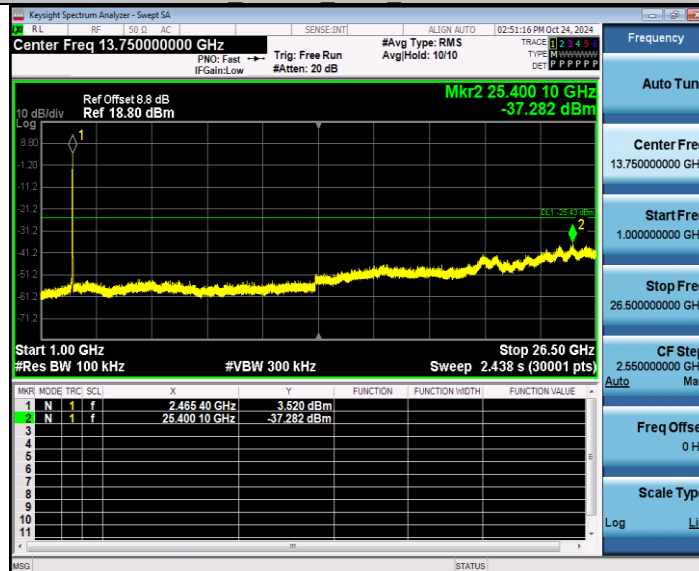


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VERITAS

Reference No.: W7L-P24090006RF02



11G Ant W1 2462 1000~26500



11N20MIMO\_Ant W0 2412 0~Reference

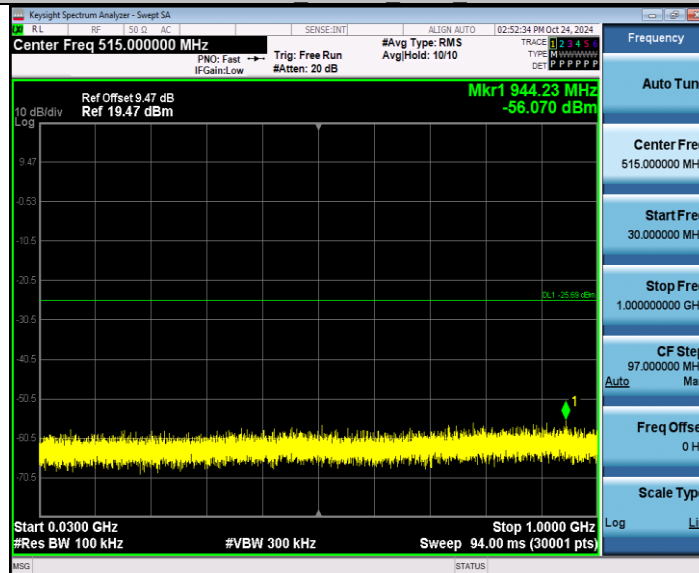


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VERITAS

Reference No.: W7L-P24090006RF02



11N20MIMO Ant W0 2412 30~1000

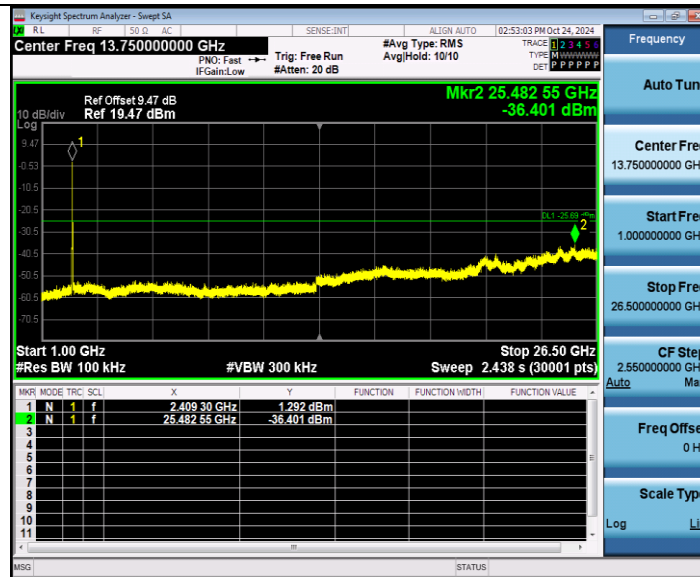


11N20MIMO Ant W0 2412 1000~26500



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VERITAS

Reference No.: W7L-P24090006RF02



11N20MIMO Ant W1 2412 0~Reference

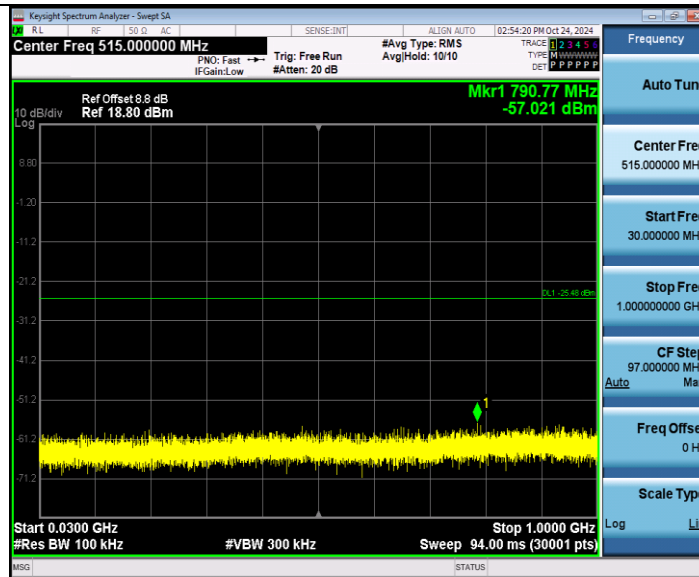


11N20MIMO Ant W1 2412 30~1000

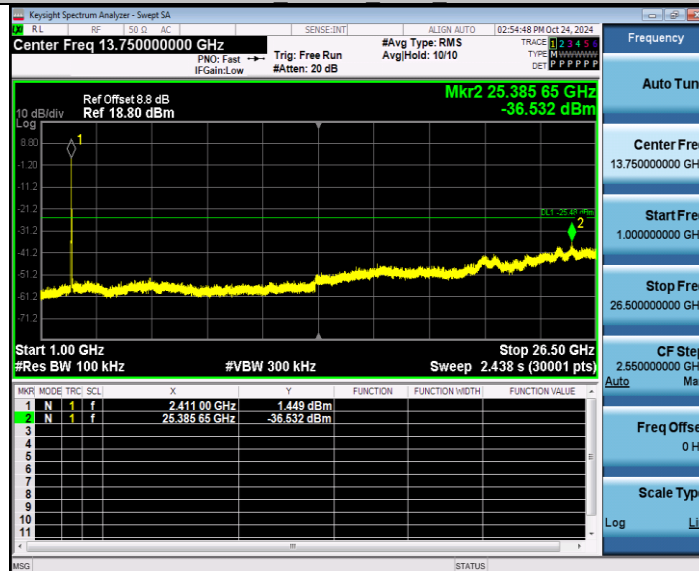


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VERITAS

Reference No.: W7L-P24090006RF02



11N20MIMO\_Ant W1 2412 1000~26500



11N20MIMO\_Ant W0 2437 0~Reference

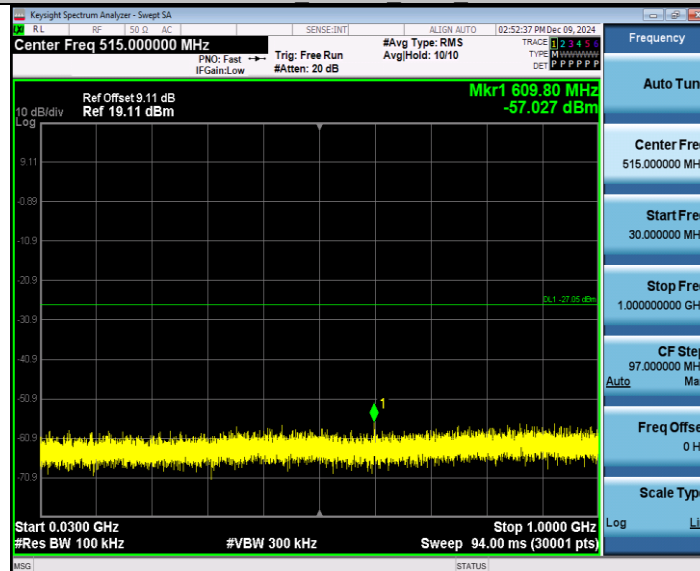


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VERITAS

Reference No.: W7L-P24090006RF02



11N20MIMO Ant W0 2437 30~1000

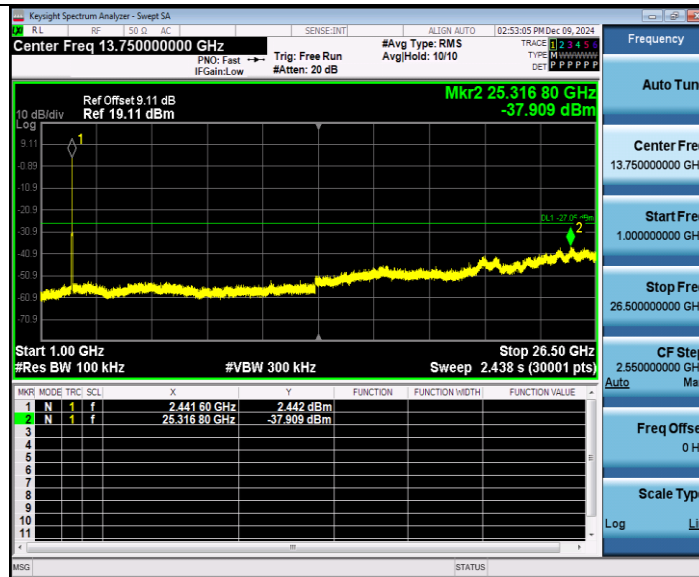


11N20MIMO Ant W0 2437 1000~26500



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VERITAS

Reference No.: W7L-P24090006RF02



11N20MIMO Ant W1 2437 0~Reference

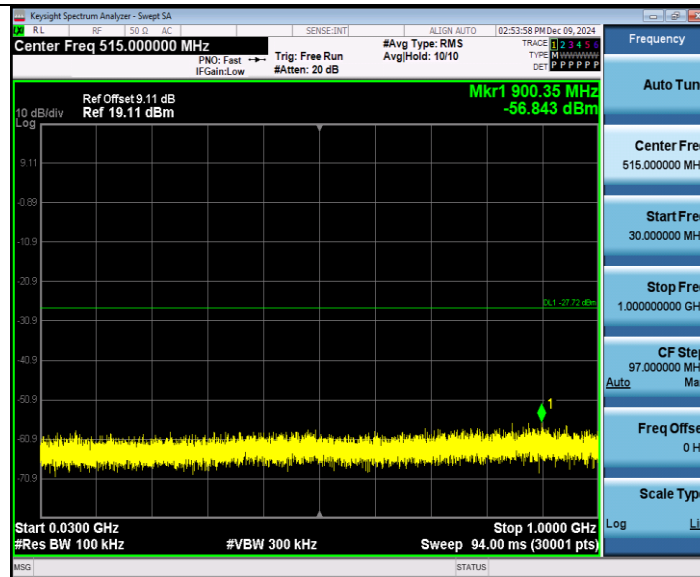


11N20MIMO Ant W1 2437 30~1000

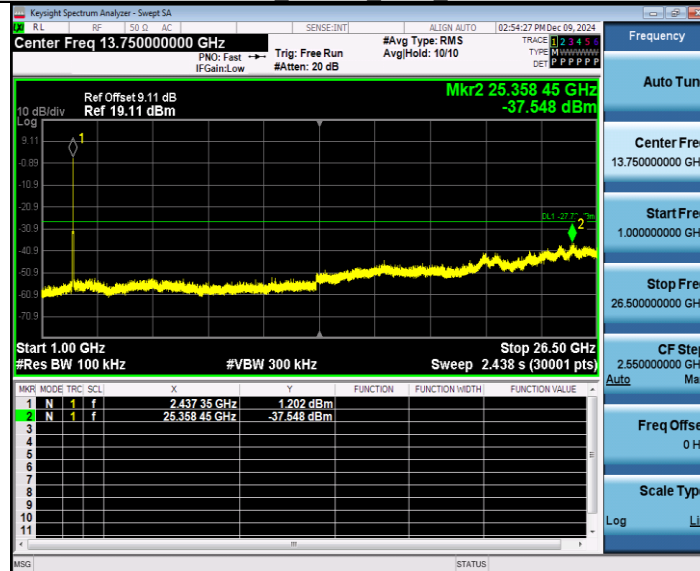


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VERITAS

Reference No.: W7L-P24090006RF02



11N20MIMO\_Ant W1 2437 1000~26500



11N20MIMO\_Ant W0 2462 0~Reference

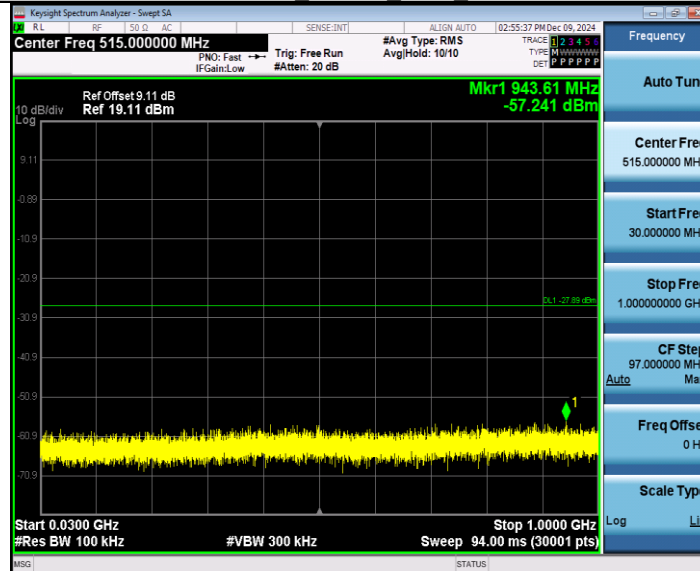


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VERITAS

Reference No.: W7L-P24090006RF02



11N20MIMO Ant W0 2462 30~1000

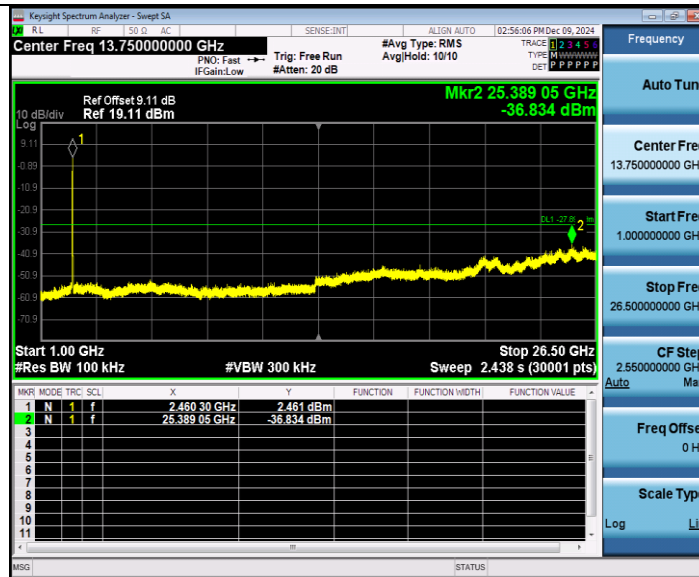


11N20MIMO Ant W0 2462 1000~26500



BUREAU  
VERITAS

Reference No.: W7L-P24090006RF02



11N20MIMO Ant W1 2462 0~Reference

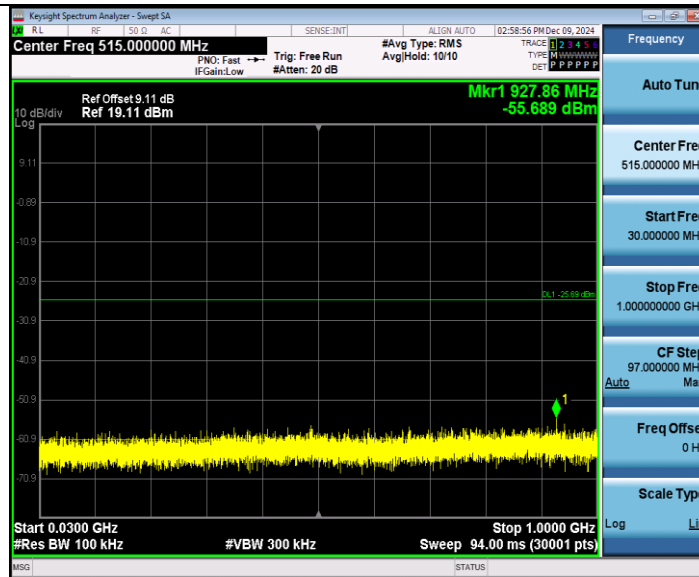


11N20MIMO Ant W1 2462 30~1000

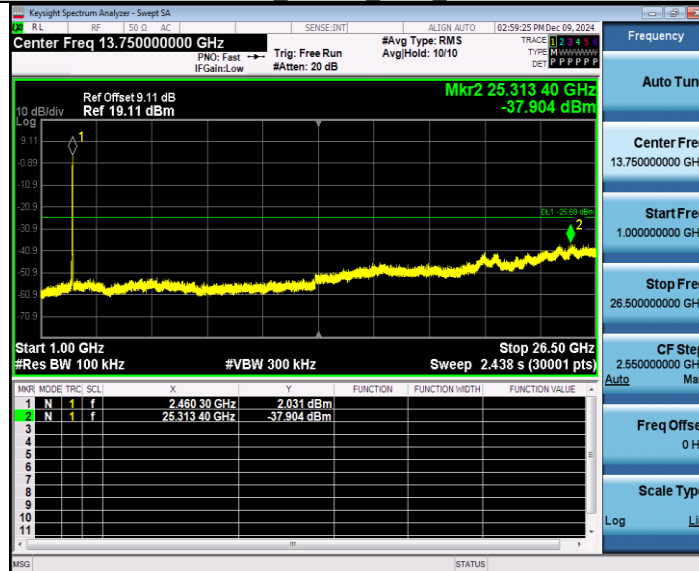


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VERITAS

Reference No.: W7L-P24090006RF02



11N20MIMO\_Ant W1 2462 1000~26500



11N40MIMO\_Ant W0 2422 0~Reference