

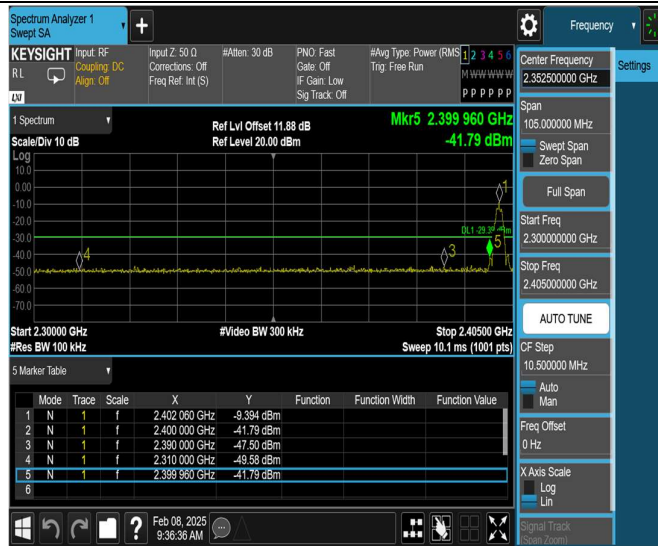
## Appendix E: Band edge measurements

### Test Result

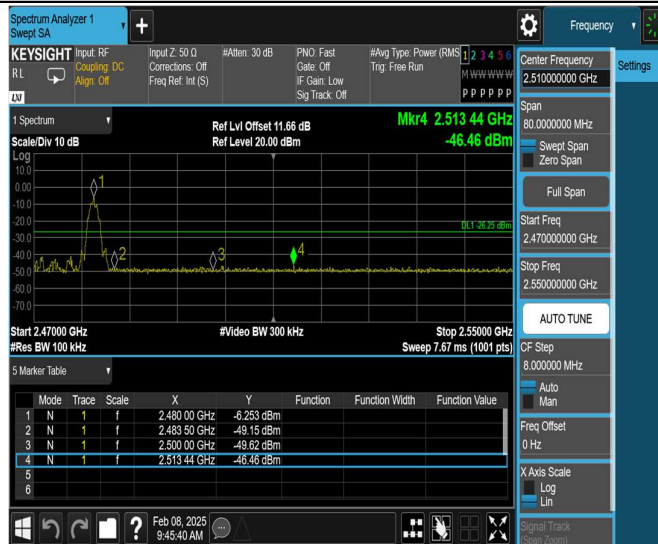
| TestMode | Antenna | ChName | Frequency[MHz] | RefLevel[dBm] | Result[dBm] | Limit[dBm] | Verdict |
|----------|---------|--------|----------------|---------------|-------------|------------|---------|
| BLE_1M   | Ant1    | Low    | 2402           | -9.38         | -46.67      | ≤-29.38    | PASS    |
|          |         | High   | 2480           | -6.26         | -46.75      | ≤-26.26    | PASS    |
| BLE_2M   | Ant1    | Low    | 2402           | -9.39         | -41.79      | ≤-29.39    | PASS    |
|          |         | High   | 2480           | -6.25         | -46.46      | ≤-26.25    | PASS    |
| BLE_125K | Ant1    | Low    | 2402           | -8.74         | -46.93      | ≤-28.74    | PASS    |
|          |         | High   | 2480           | -6.00         | -46.58      | ≤-26       | PASS    |
| BLE_500K | Ant1    | Low    | 2402           | -8.71         | -46.58      | ≤-28.71    | PASS    |
|          |         | High   | 2480           | -6.00         | -46.37      | ≤-26       | PASS    |

## Test Graphs

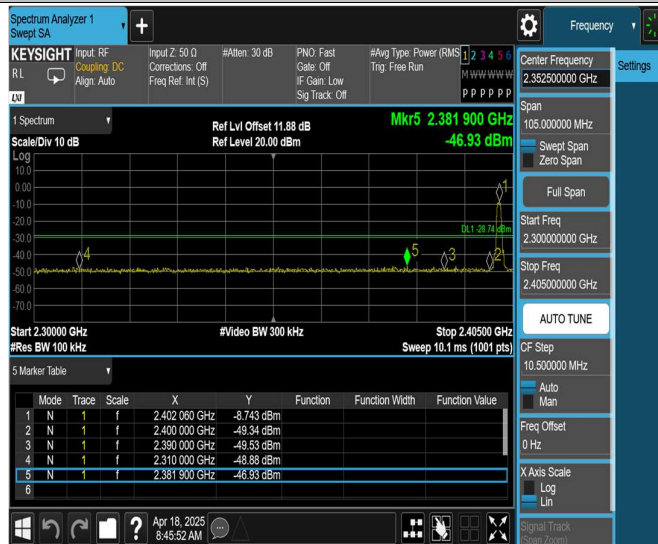




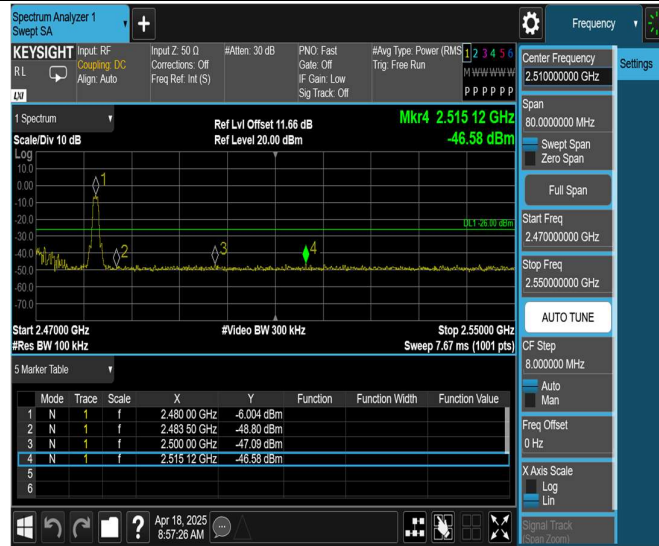
BLE\_2M\_Ant1\_High\_2480



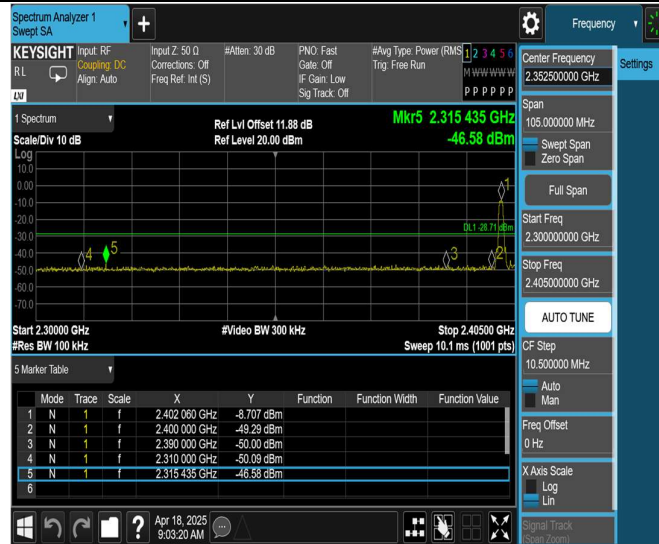
BLE\_125K\_Ant1\_Low\_2402



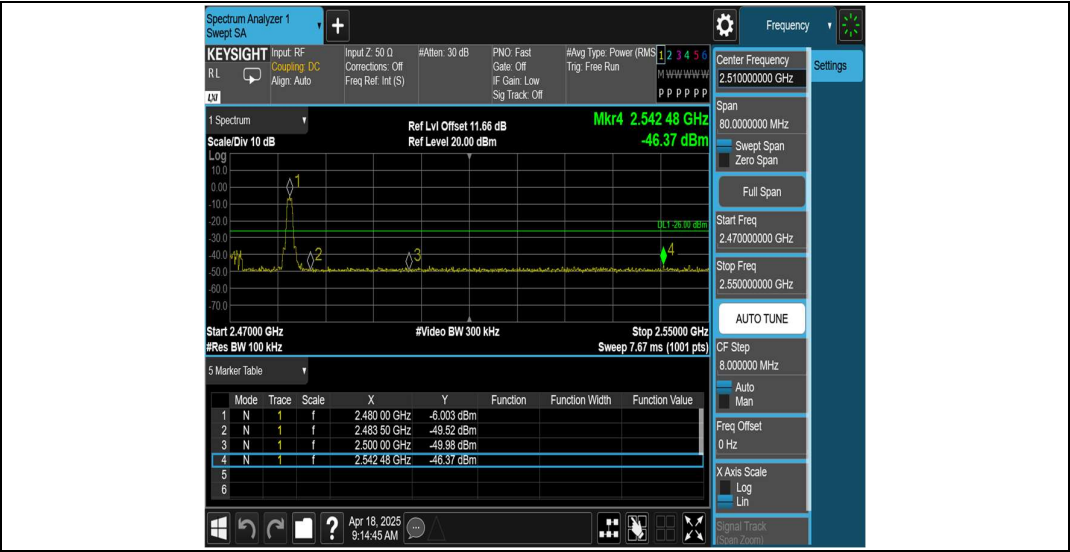
# BLE\_125K\_Ant1\_High\_2480



# BLE\_500K\_Ant1\_Low\_2402



# BLE\_500K\_Ant1\_High\_2480

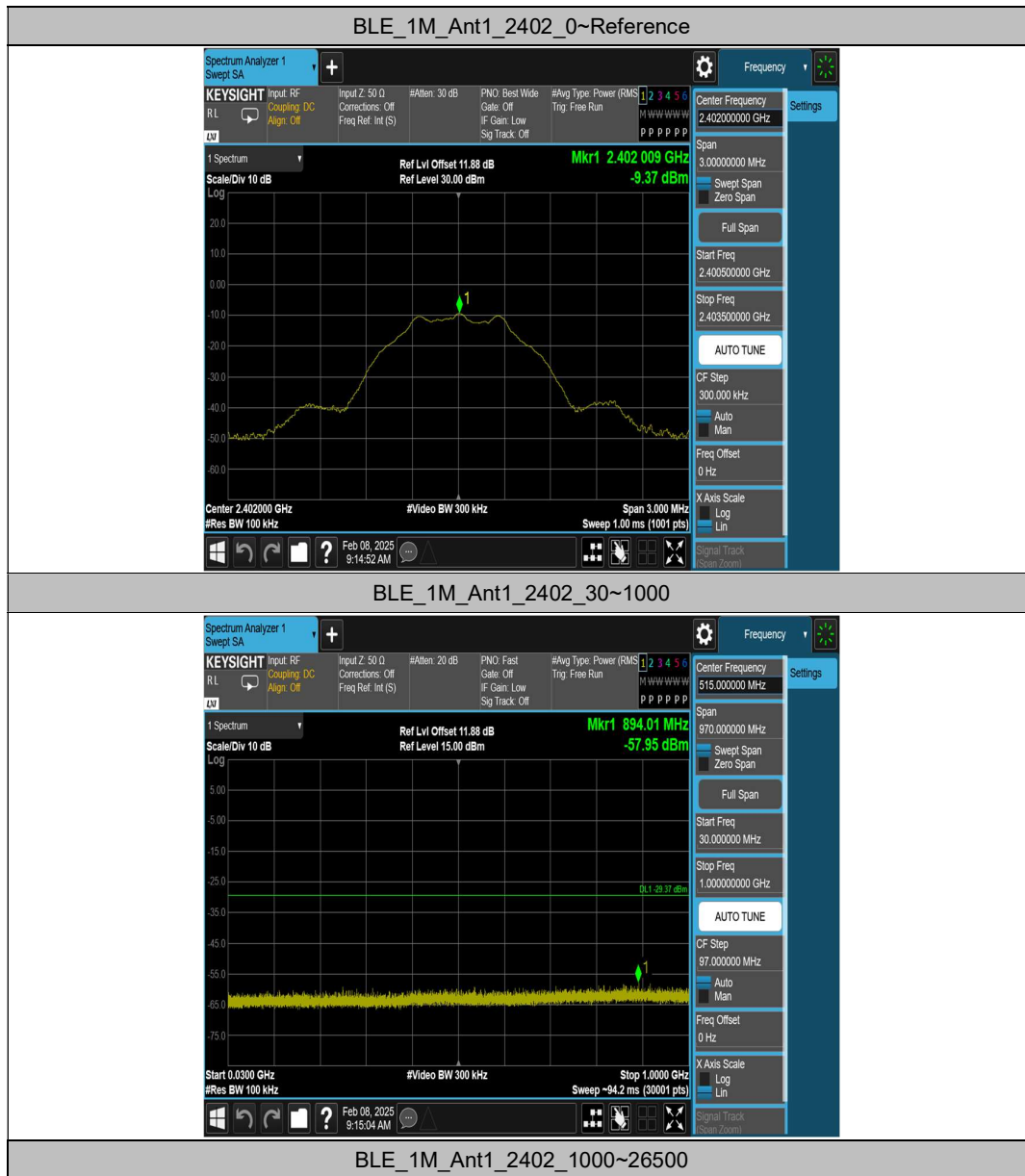


## Appendix F: Conducted Spurious Emission

### Test Result

| TestMode | Antenna | Frequency [MHz] | FreqRange [MHz] | RefLevel [dBm] | Result[dBm] | Limit[dBm] | Verdict |
|----------|---------|-----------------|-----------------|----------------|-------------|------------|---------|
| BLE_1M   | Ant1    | 2402            | Reference       | -9.37          | -9.37       | ---        | PASS    |
|          |         |                 | 30~1000         | -9.37          | -57.95      | ≤-29.37    | PASS    |
|          |         |                 | 1000~26500      | -9.37          | -50.7       | ≤-29.37    | PASS    |
|          |         | 2440            | Reference       | -7.37          | -7.37       | ---        | PASS    |
|          |         |                 | 30~1000         | -7.37          | -58.01      | ≤-27.37    | PASS    |
|          |         |                 | 1000~26500      | -7.37          | -50.18      | ≤-27.37    | PASS    |
|          |         | 2480            | Reference       | -6.37          | -6.37       | ---        | PASS    |
|          |         |                 | 30~1000         | -6.37          | -58.59      | ≤-26.37    | PASS    |
|          |         |                 | 1000~26500      | -6.37          | -50.38      | ≤-26.37    | PASS    |
| BLE_2M   | Ant1    | 2402            | Reference       | -9.39          | -9.39       | ---        | PASS    |
|          |         |                 | 30~1000         | -9.39          | -57.69      | ≤-29.39    | PASS    |
|          |         |                 | 1000~26500      | -9.39          | -50.01      | ≤-29.39    | PASS    |
|          |         | 2440            | Reference       | -7.36          | -7.36       | ---        | PASS    |
|          |         |                 | 30~1000         | -7.36          | -56.85      | ≤-27.36    | PASS    |
|          |         |                 | 1000~26500      | -7.36          | -50.86      | ≤-27.36    | PASS    |
|          |         | 2480            | Reference       | -6.38          | -6.38       | ---        | PASS    |
|          |         |                 | 30~1000         | -6.38          | -58.6       | ≤-26.38    | PASS    |
|          |         |                 | 1000~26500      | -6.38          | -50.38      | ≤-26.38    | PASS    |
| BLE_125K | Ant1    | 2402            | Reference       | -9.39          | -9.39       | ---        | PASS    |
|          |         |                 | 30~1000         | -9.39          | -57.77      | ≤-29.39    | PASS    |
|          |         |                 | 1000~26500      | -9.39          | -50.56      | ≤-29.39    | PASS    |
|          |         | 2440            | Reference       | -7.40          | -7.40       | ---        | PASS    |
|          |         |                 | 30~1000         | -7.40          | -58.77      | ≤-27.4     | PASS    |
|          |         |                 | 1000~26500      | -7.40          | -49.88      | ≤-27.4     | PASS    |
|          |         | 2480            | Reference       | -6.36          | -6.36       | ---        | PASS    |
|          |         |                 | 30~1000         | -6.36          | -57.76      | ≤-26.36    | PASS    |
|          |         |                 | 1000~26500      | -6.36          | -50.47      | ≤-26.36    | PASS    |
| BLE_500K | Ant1    | 2402            | Reference       | -9.39          | -9.39       | ---        | PASS    |
|          |         |                 | 30~1000         | -9.39          | -57.78      | ≤-29.39    | PASS    |
|          |         |                 | 1000~26500      | -9.39          | -50.39      | ≤-29.39    | PASS    |
|          |         | 2440            | Reference       | -7.37          | -7.37       | ---        | PASS    |
|          |         |                 | 30~1000         | -7.37          | -58.42      | ≤-27.37    | PASS    |
|          |         |                 | 1000~26500      | -7.37          | -50.76      | ≤-27.37    | PASS    |
|          |         | 2480            | Reference       | -6.34          | -6.34       | ---        | PASS    |
|          |         |                 | 30~1000         | -6.34          | -58.87      | ≤-26.34    | PASS    |
|          |         |                 | 1000~26500      | -6.34          | -50.27      | ≤-26.34    | PASS    |

## Test Graphs

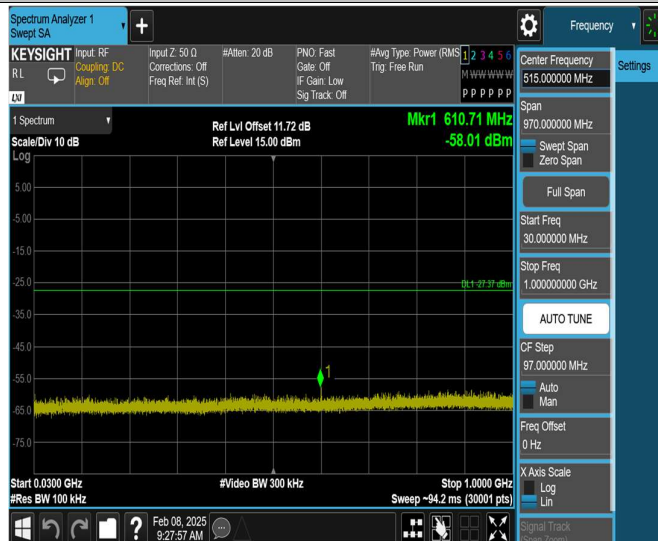




BLE\_1M\_Ant1\_2440\_0~Reference



BLE\_1M\_Ant1\_2440\_30~1000



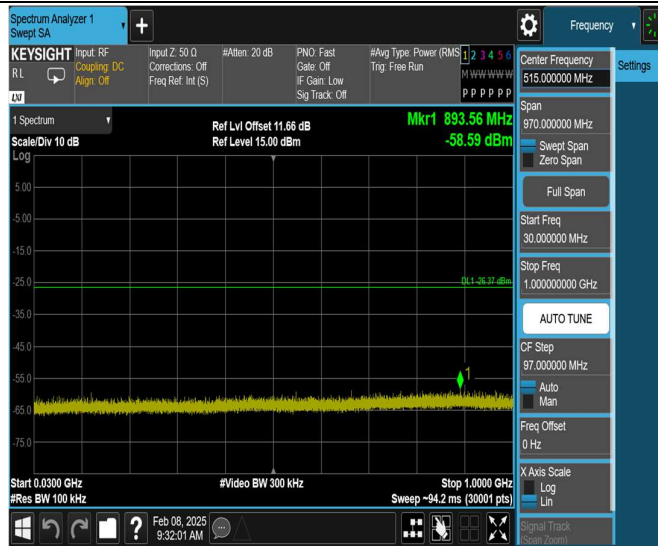
# BLE\_1M\_Ant1\_2440\_1000~26500



# BLE\_1M\_Ant1\_2480\_0~Reference



# BLE\_1M\_Ant1\_2480\_30~1000



BLE\_1M\_Ant1\_2480\_1000~26500



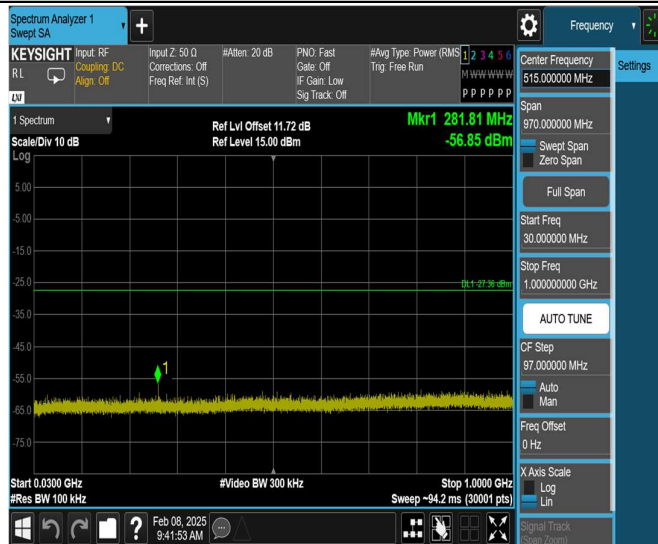
BLE\_2M\_Ant1\_2402\_0~Reference







BLE\_2M\_Ant1\_2440\_30~1000



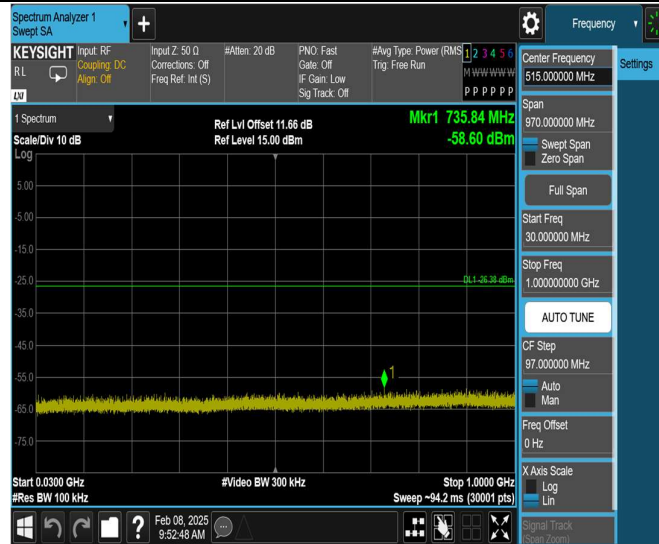
BLE\_2M\_Ant1\_2440\_1000~26500



# BLE\_2M\_Ant1\_2480\_0~Reference



# BLE\_2M\_Ant1\_2480\_30~1000



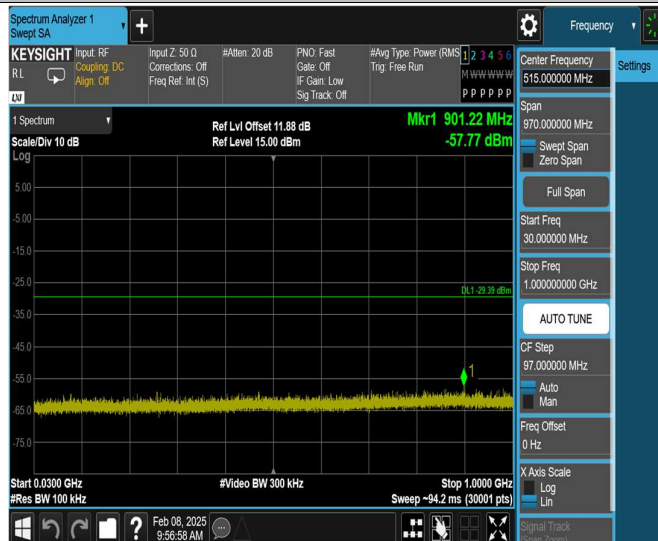
# BLE\_2M\_Ant1\_2480\_1000~26500



BLE\_125K\_Ant1\_2402\_0~Reference



BLE\_125K\_Ant1\_2402\_30~1000



# BLE\_125K\_Ant1\_2402\_1000~26500



# BLE\_125K\_Ant1\_2440\_0~Reference



# BLE\_125K\_Ant1\_2440\_30~1000



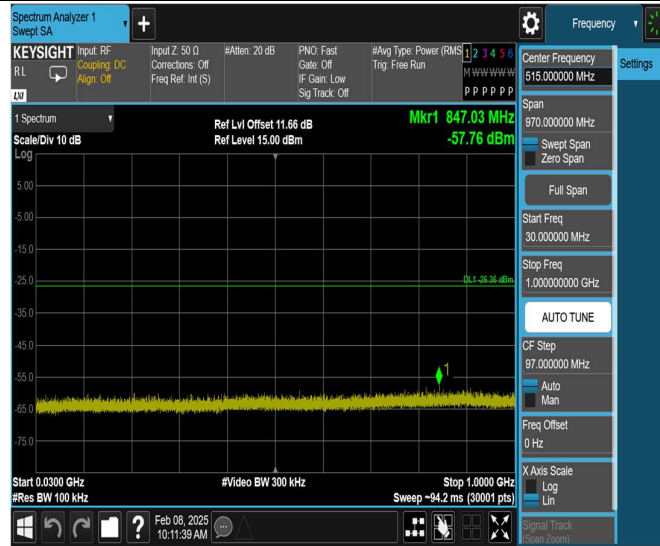
BLE\_125K\_Ant1\_2440\_1000~26500



BLE\_125K\_Ant1\_2480\_0~Reference



# BLE\_125K\_Ant1\_2480\_30~1000



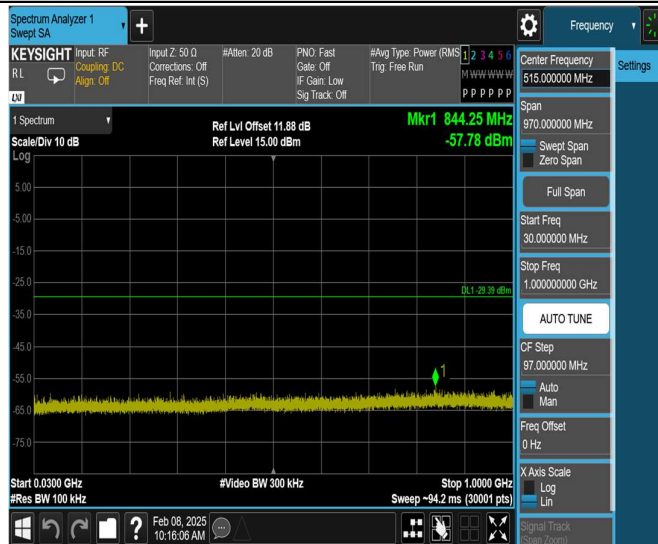
# BLE\_125K\_Ant1\_2480\_1000~26500



# BLE\_500K\_Ant1\_2402\_0~Reference



BLE\_500K\_Ant1\_2402\_30~1000



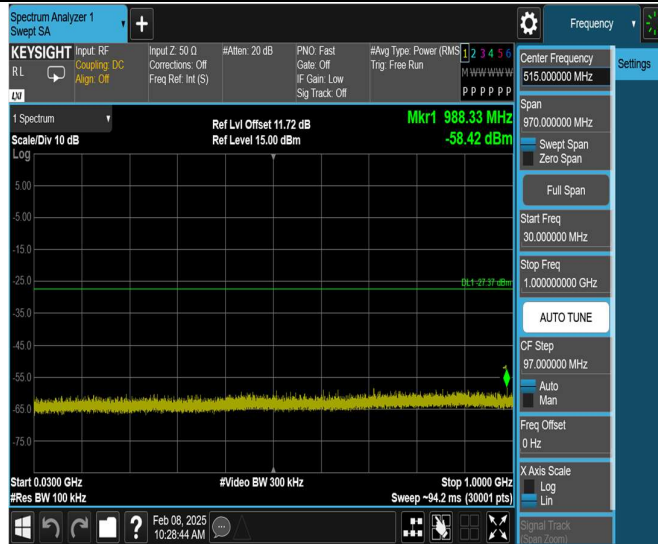
BLE\_500K\_Ant1\_2402\_1000~26500



# BLE\_500K\_Ant1\_2440\_0~Reference



# BLE\_500K\_Ant1\_2440\_30~1000



# BLE\_500K\_Ant1\_2440\_1000~26500



BLE\_500K\_Ant1\_2480\_0~Reference



BLE\_500K\_Ant1\_2480\_30~1000

