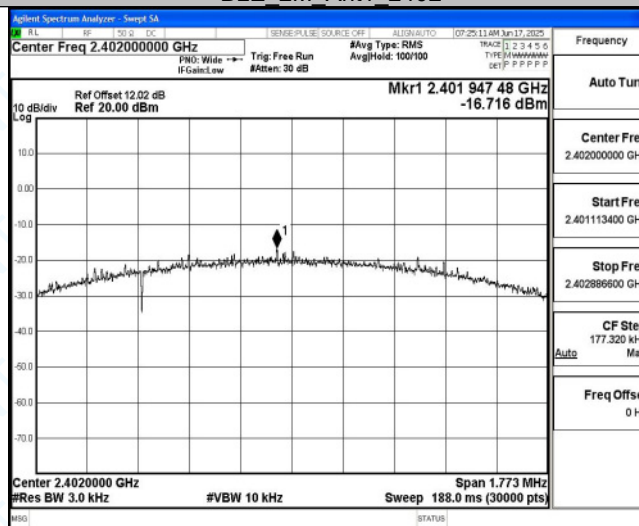
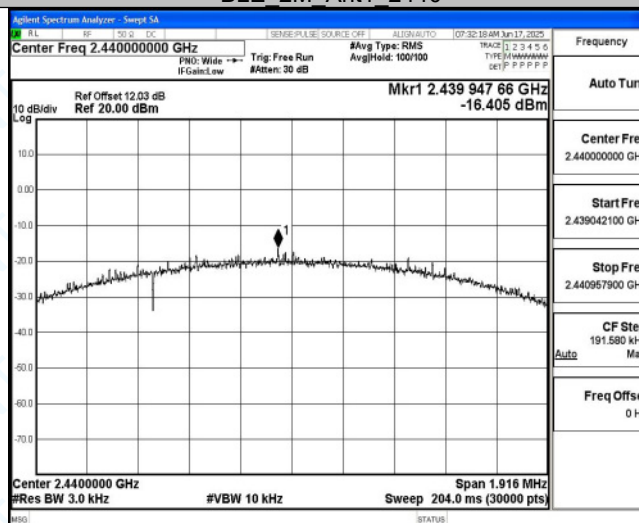




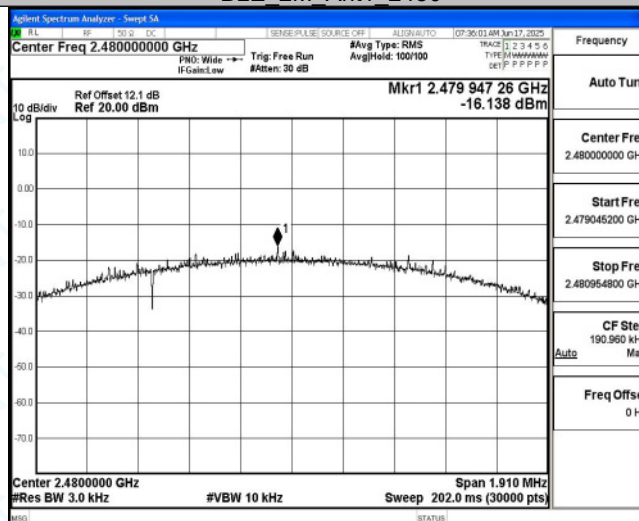
## BLE 2M Ant1 2402



## BLE 2M Ant1 2440

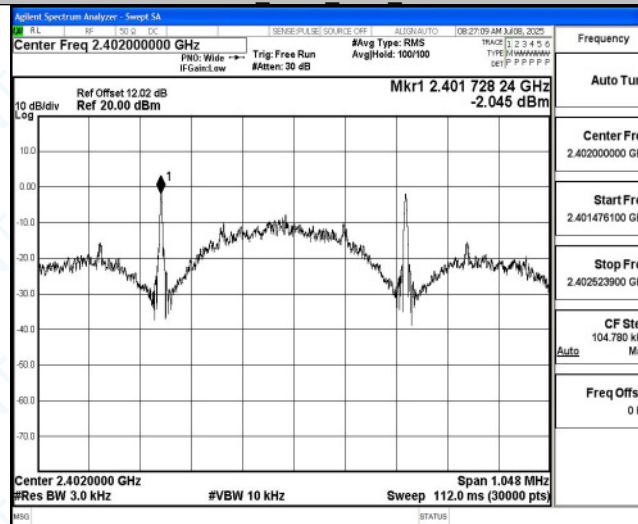


## BLE 2M Ant1 2480

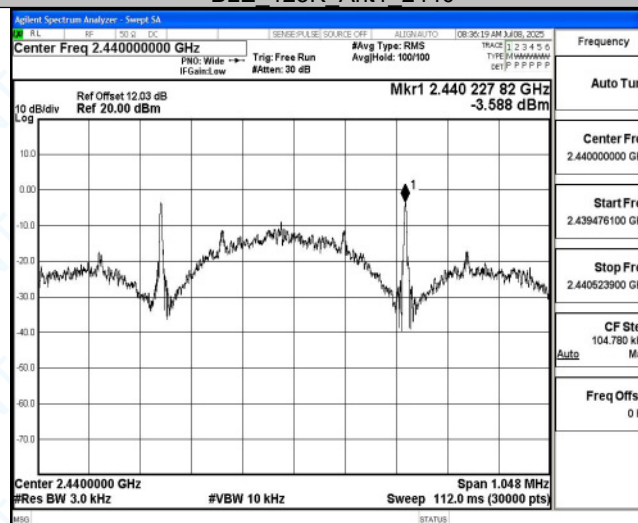




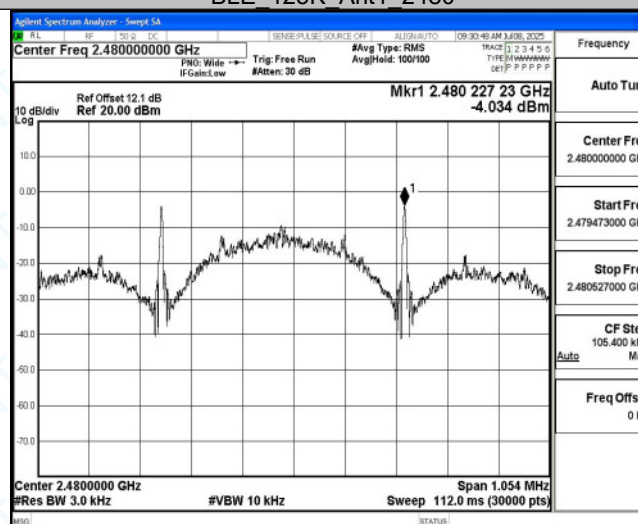
## BLE 125K Ant1 2402



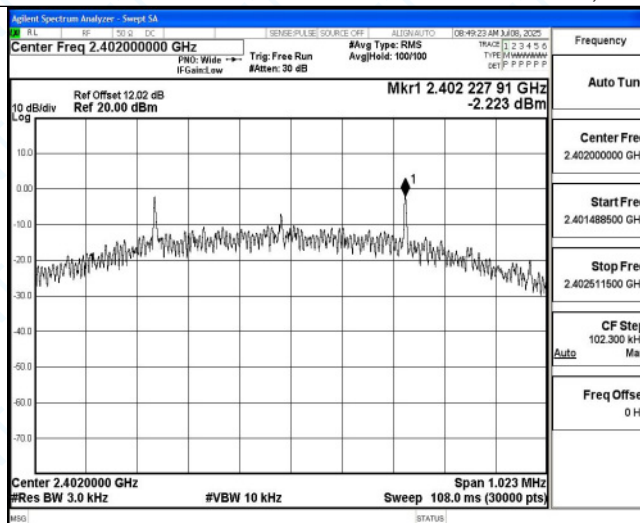
## BLE 125K Ant1 2440



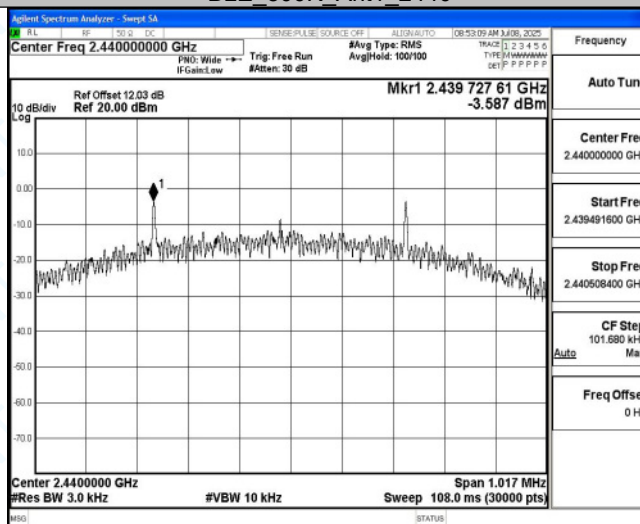
## BLE 125K Ant1 2480



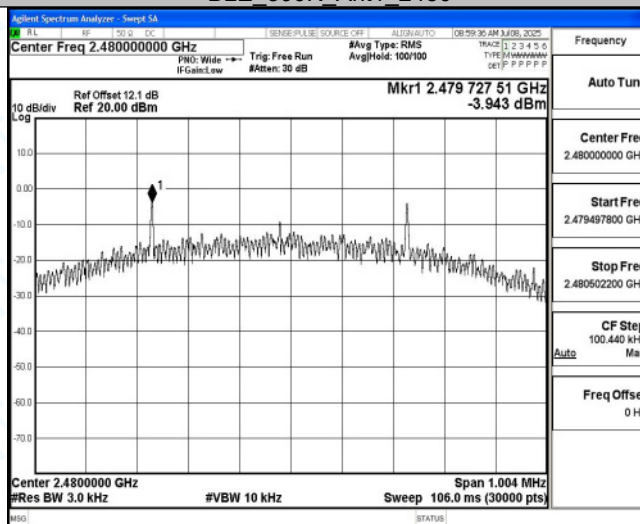
## BLE 500K Ant1 2402



BLE\_500K\_Ant1\_2440



BLE\_500K\_Ant1\_2480





Appendix E: Band edge measurements

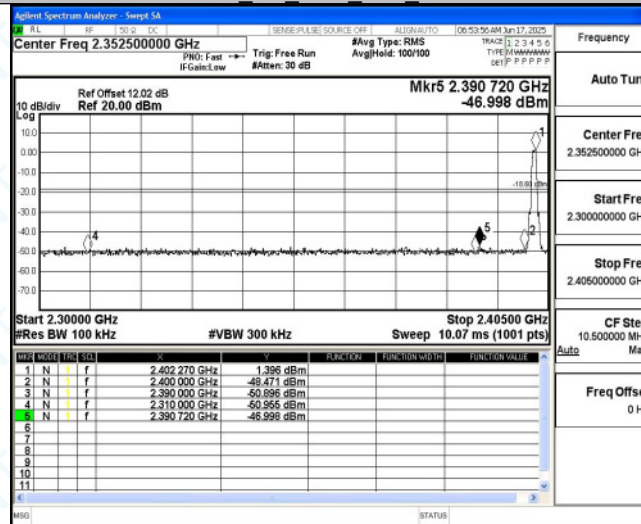
Test Result

| TestMode | Antenna | ChName | Freq(MHz) | RefLevel[dBm] | Result[dBm] | Limit[dBm] | Verdict |
|----------|---------|--------|-----------|---------------|-------------|------------|---------|
| BLE_1M   | Ant1    | Low    | 2402      | 1.40          | -47         | ≤-18.6     | PASS    |
|          |         | High   | 2480      | 1.65          | -47.15      | ≤-18.35    | PASS    |
| BLE_2M   | Ant1    | Low    | 2402      | 1.22          | -33.35      | ≤-18.78    | PASS    |
|          |         | High   | 2480      | 1.03          | -47.68      | ≤-18.97    | PASS    |
| BLE_125K | Ant1    | Low    | 2402      | 0.94          | -47.01      | ≤-19.06    | PASS    |
|          |         | High   | 2480      | -1.10         | -45.24      | ≤-21.1     | PASS    |
| BLE_500K | Ant1    | Low    | 2402      | 3.61          | -47.16      | ≤-16.39    | PASS    |
|          |         | High   | 2480      | 1.99          | -46.48      | ≤-18.01    | PASS    |

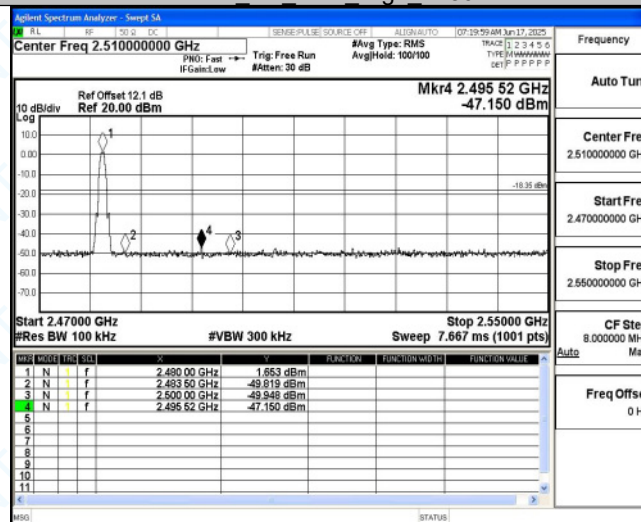


## Test Graphs

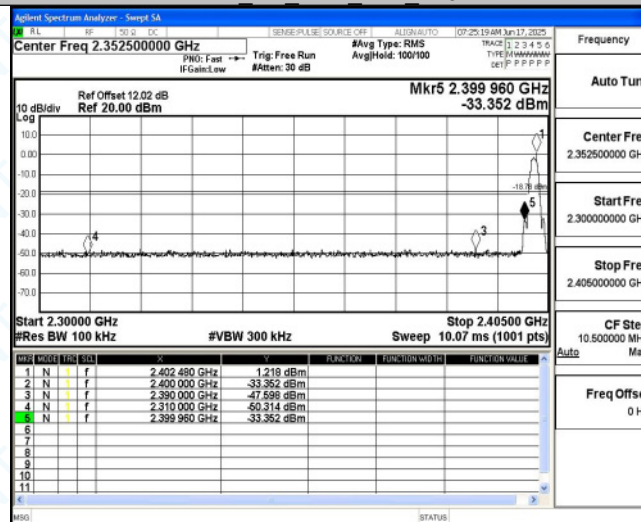
BLE 1M Ant1 Low 2402



BLE 1M Ant1 High 2480



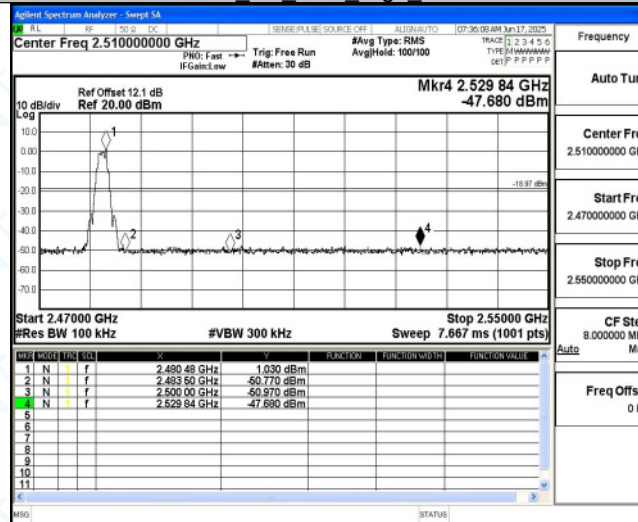
BLE 2M Ant1 Low 2402



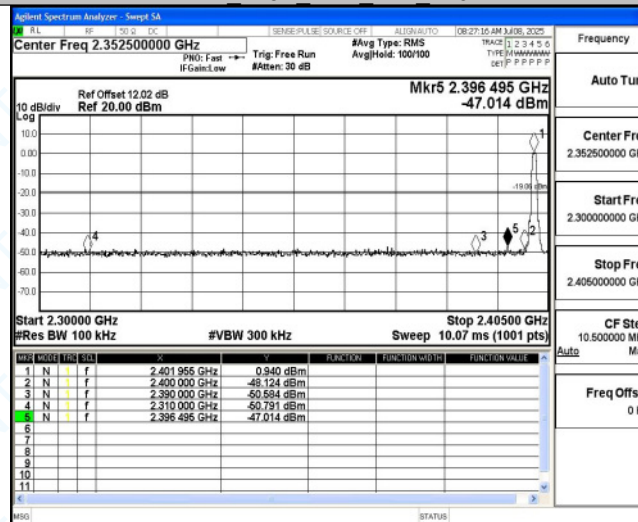




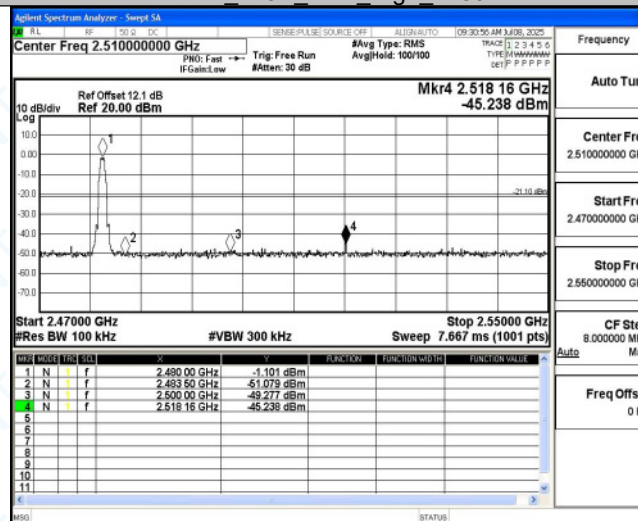
## BLE 2M Ant1 High 2480



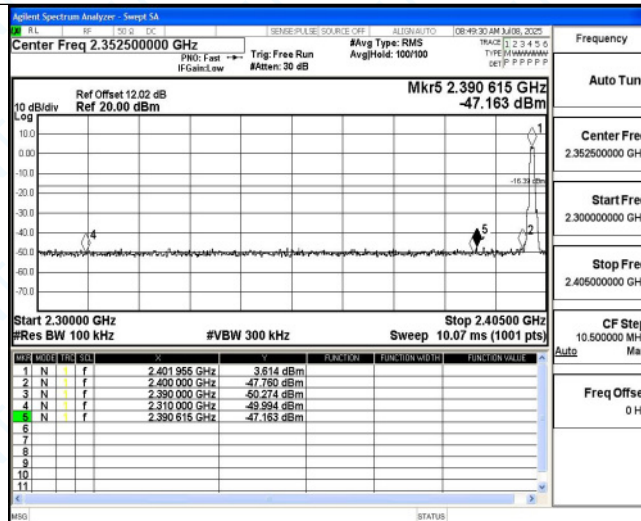
## BLE 125K Ant1 Low 2402



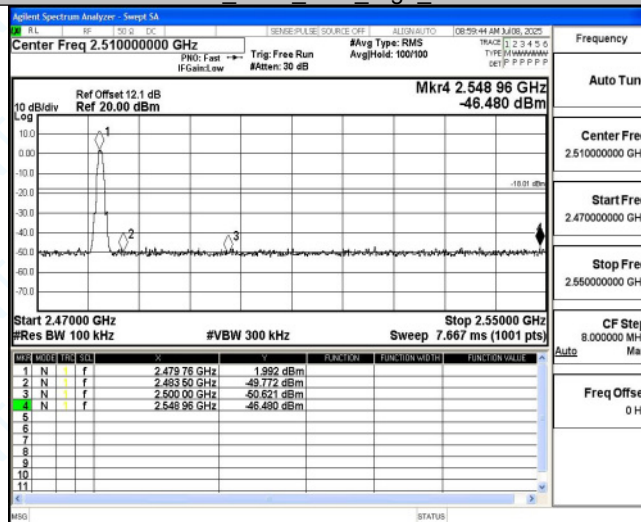
## BLE 125K Ant1 High 2480



## BLE 500K Ant1 Low 2402



## BLE\_500K\_Ant1\_High\_2480





## Appendix F: Conducted Spurious Emission

### Test Result

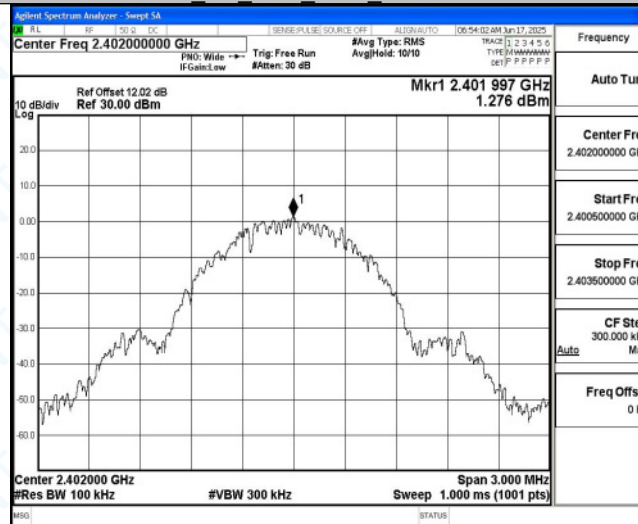
| TestMode | Antenna | Freq(MHz) | FreqRange [MHz] | RefLevel [dBm] | Result[dBm] | Limit[dBm] | Verdict |
|----------|---------|-----------|-----------------|----------------|-------------|------------|---------|
| BLE_1M   | Ant1    | 2402      | Reference       | 1.28           | 1.28        | ---        | PASS    |
|          |         |           | 30~1000         | 1.28           | -58.55      | ≤-18.72    | PASS    |
|          |         |           | 1000~26500      | 1.28           | -48.77      | ≤-18.72    | PASS    |
|          |         | 2440      | Reference       | 0.73           | 0.73        | ---        | PASS    |
|          |         |           | 30~1000         | 0.73           | -58.64      | ≤-19.27    | PASS    |
|          |         |           | 1000~26500      | 0.73           | -48.71      | ≤-19.27    | PASS    |
|          |         | 2480      | Reference       | 1.75           | 1.75        | ---        | PASS    |
|          |         |           | 30~1000         | 1.75           | -59.09      | ≤-18.25    | PASS    |
|          |         |           | 1000~26500      | 1.75           | -48.53      | ≤-18.25    | PASS    |
| BLE_2M   | Ant1    | 2402      | Reference       | 1.47           | 1.47        | ---        | PASS    |
|          |         |           | 30~1000         | 1.47           | -58.53      | ≤-18.53    | PASS    |
|          |         |           | 1000~26500      | 1.47           | -48.64      | ≤-18.53    | PASS    |
|          |         | 2440      | Reference       | -0.85          | -0.85       | ---        | PASS    |
|          |         |           | 30~1000         | -0.85          | -58.69      | ≤-20.85    | PASS    |
|          |         |           | 1000~26500      | -0.85          | -48.22      | ≤-20.85    | PASS    |
|          |         | 2480      | Reference       | 0.00           | 0.00        | ---        | PASS    |
|          |         |           | 30~1000         | 0.00           | -58.97      | ≤-20       | PASS    |
|          |         |           | 1000~26500      | 0.00           | -45.99      | ≤-20       | PASS    |
| BLE_125K | Ant1    | 2402      | Reference       | 0.91           | 0.91        | ---        | PASS    |
|          |         |           | 30~1000         | 0.91           | -54.71      | ≤-19.09    | PASS    |
|          |         |           | 1000~26500      | 0.91           | -28.49      | ≤-19.09    | PASS    |
|          |         | 2440      | Reference       | -0.61          | -0.61       | ---        | PASS    |
|          |         |           | 30~1000         | -0.61          | -58.24      | ≤-20.61    | PASS    |
|          |         |           | 1000~26500      | -0.61          | -48.87      | ≤-20.61    | PASS    |
|          |         | 2480      | Reference       | -1.21          | -1.21       | ---        | PASS    |
|          |         |           | 30~1000         | -1.21          | -58.95      | ≤-21.21    | PASS    |
|          |         |           | 1000~26500      | -1.21          | -33.67      | ≤-21.21    | PASS    |
| BLE_500K | Ant1    | 2402      | Reference       | 3.53           | 3.53        | ---        | PASS    |
|          |         |           | 30~1000         | 3.53           | -58.94      | ≤-16.47    | PASS    |
|          |         |           | 1000~26500      | 3.53           | -48.71      | ≤-16.47    | PASS    |
|          |         | 2440      | Reference       | 1.13           | 1.13        | ---        | PASS    |
|          |         |           | 30~1000         | 1.13           | -58.53      | ≤-18.87    | PASS    |
|          |         |           | 1000~26500      | 1.13           | -48.23      | ≤-18.87    | PASS    |
|          |         | 2480      | Reference       | 0.85           | 0.85        | ---        | PASS    |
|          |         |           | 30~1000         | 0.85           | -58.99      | ≤-19.15    | PASS    |
|          |         |           | 1000~26500      | 0.85           | -42.89      | ≤-19.15    | PASS    |



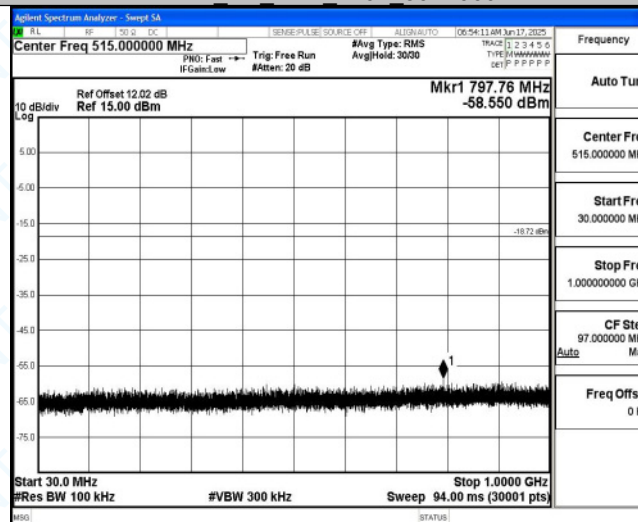


## Test Graphs

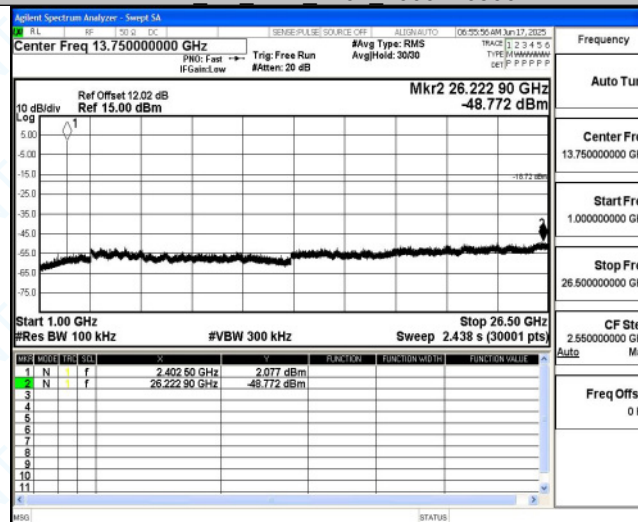
BLE 1M Ant1 2402 0~Reference



BLE 1M Ant1 2402 30~1000

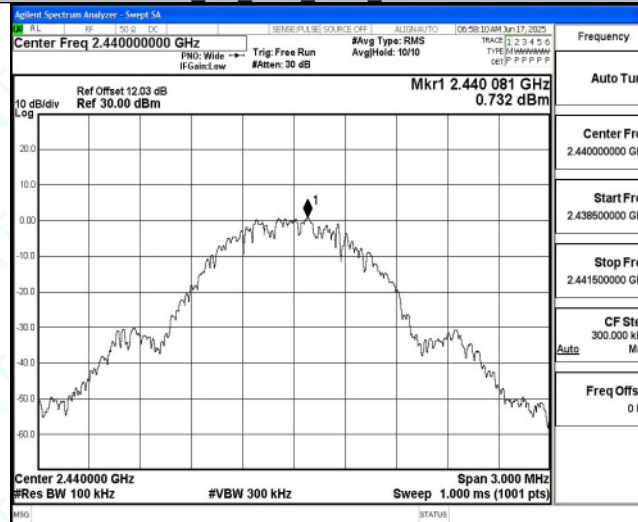


BLE 1M Ant1 2402 1000~26500

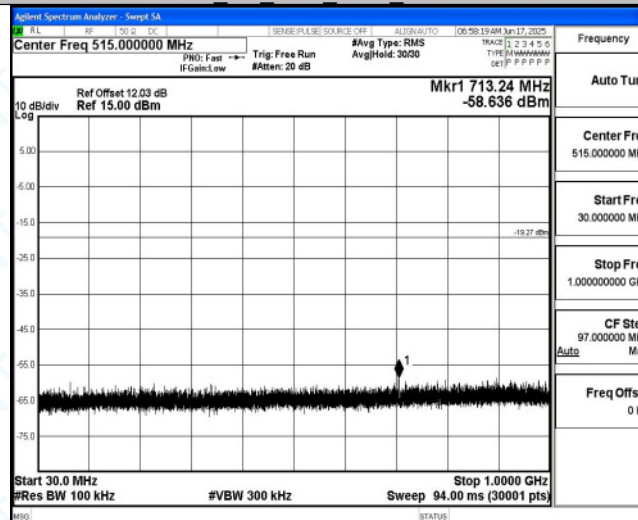




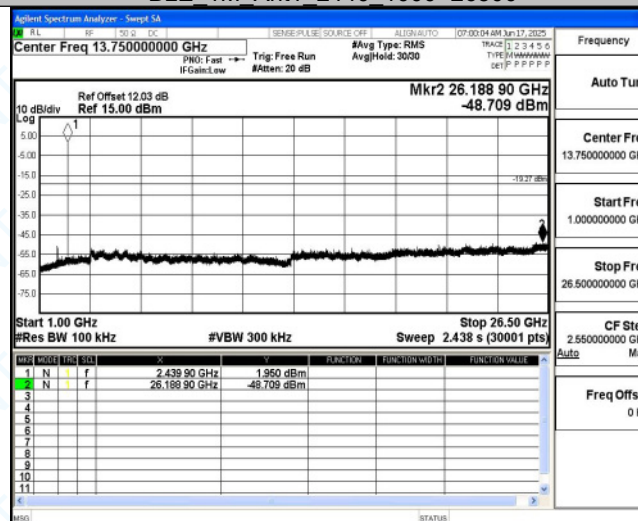
## BLE 1M Ant1 2440 0~Reference



## BLE 1M Ant1 2440 30~1000

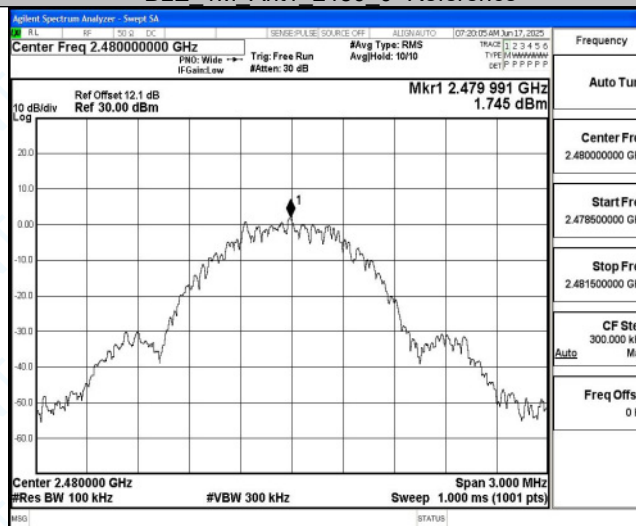


## BLE 1M Ant1 2440 1000~26500

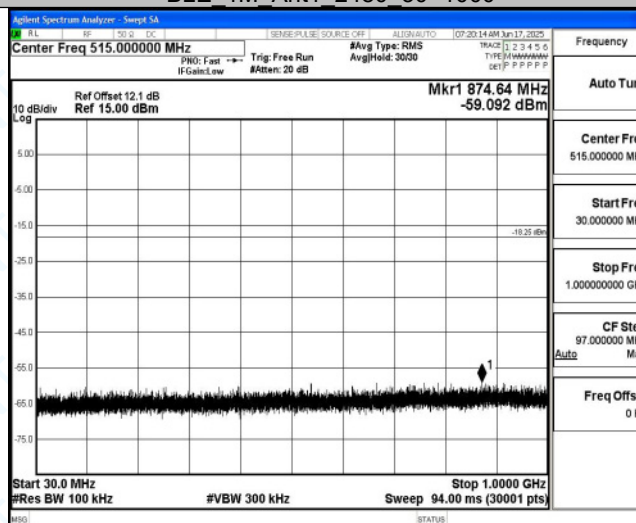




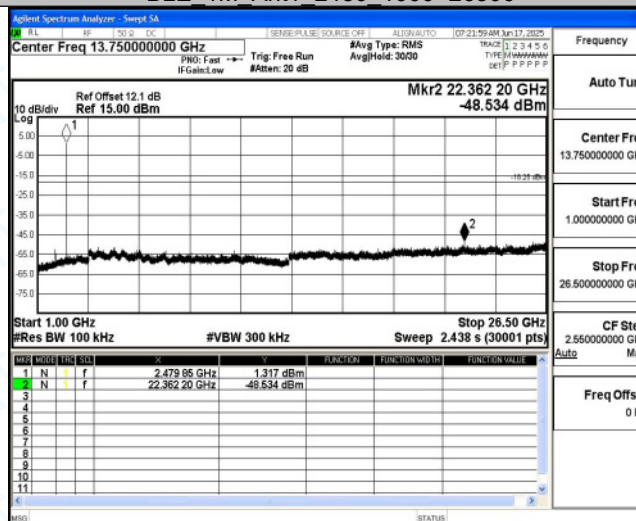
## BLE 1M Ant1 2480 0~Reference



## BLE 1M Ant1 2480 30~1000

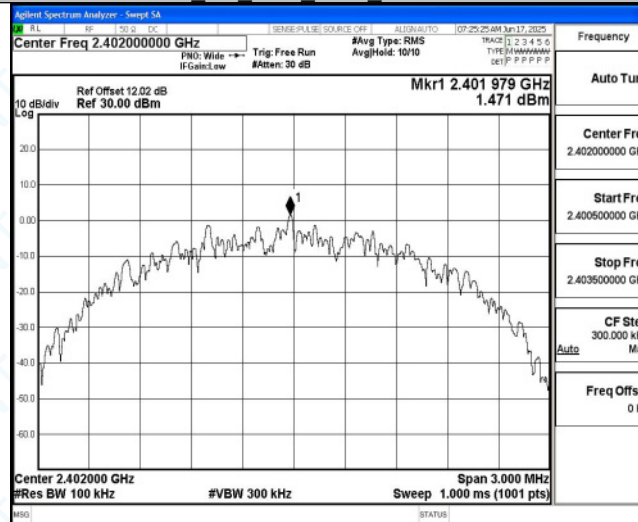


## BLE 1M Ant1 2480 1000~26500

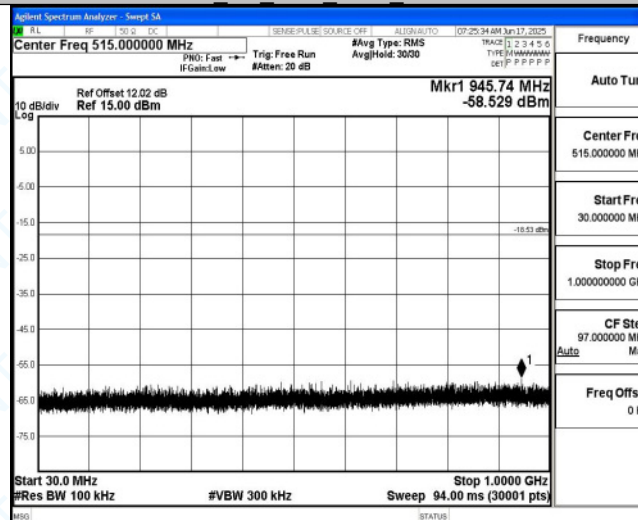




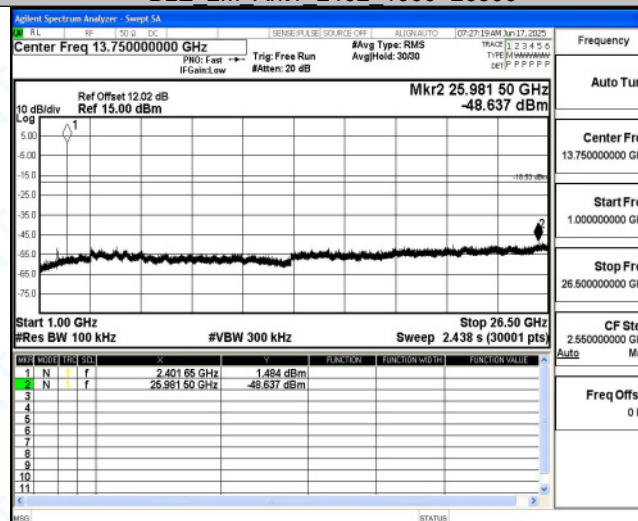
## BLE 2M Ant1 2402 0~Reference



## BLE 2M Ant1 2402 30~1000



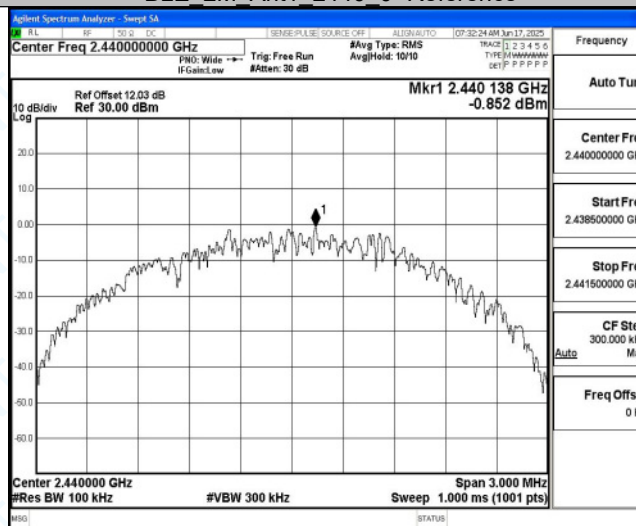
## BLE 2M Ant1 2402 1000~26500



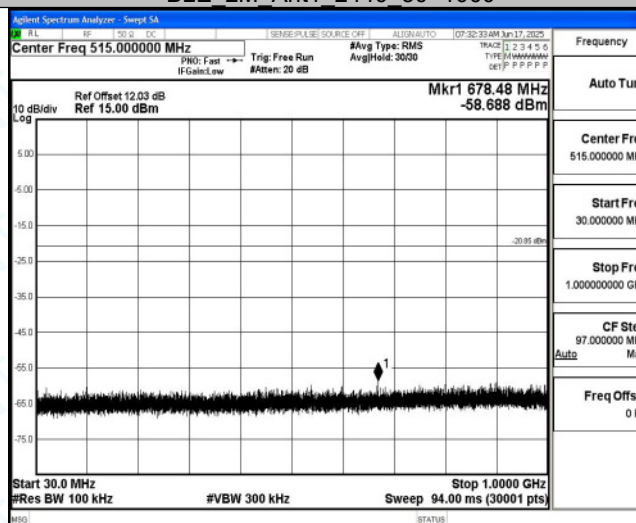




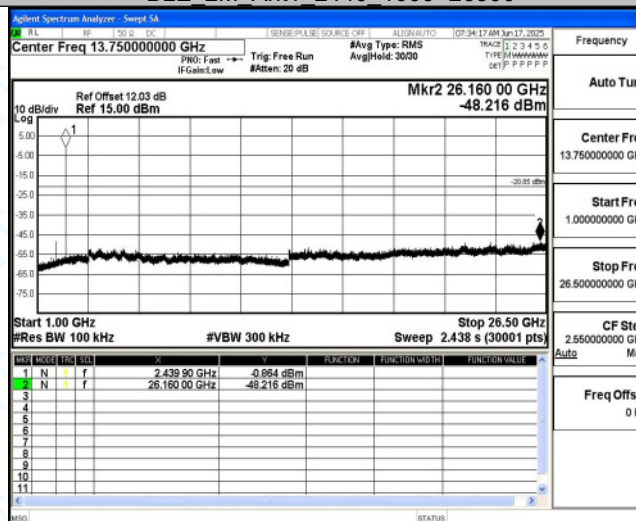
## BLE 2M Ant1 2440 0~Reference



## BLE 2M Ant1 2440 30~1000



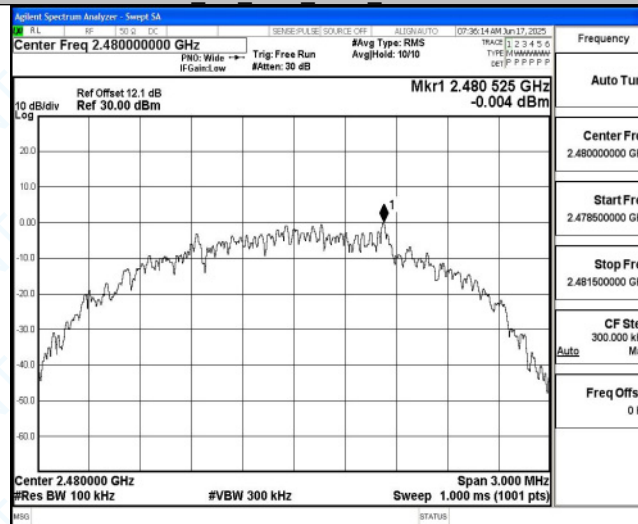
## BLE 2M Ant1 2440 1000~26500



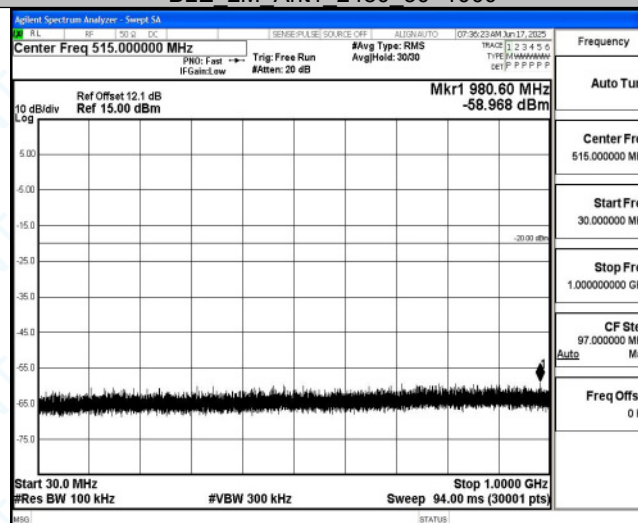




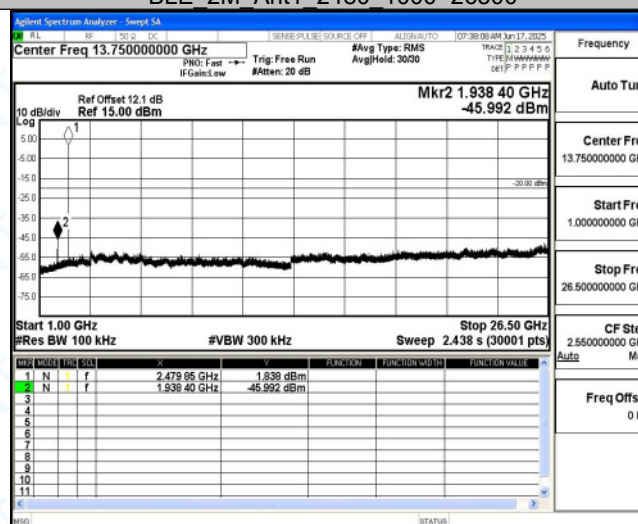
## BLE 2M Ant1 2480 0~Reference



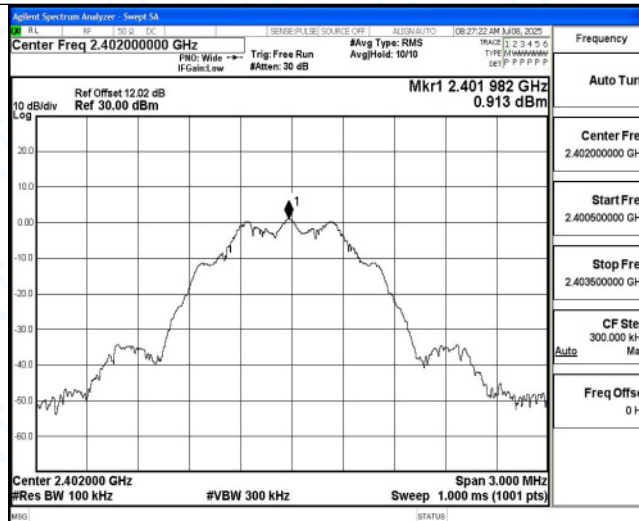
## BLE 2M Ant1 2480 30~1000



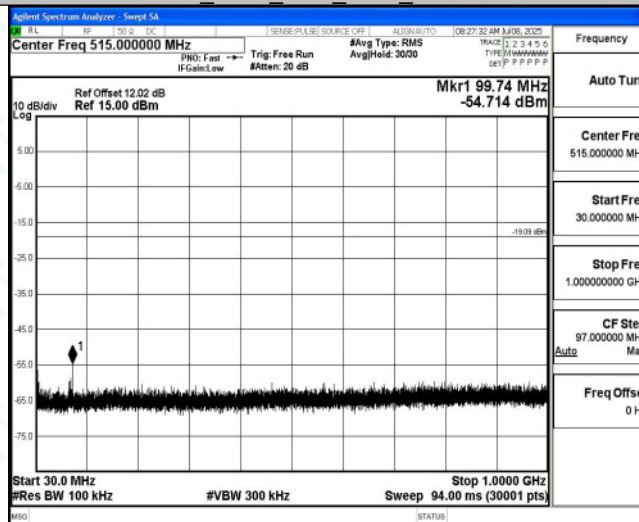
## BLE 2M Ant1 2480 1000~26500



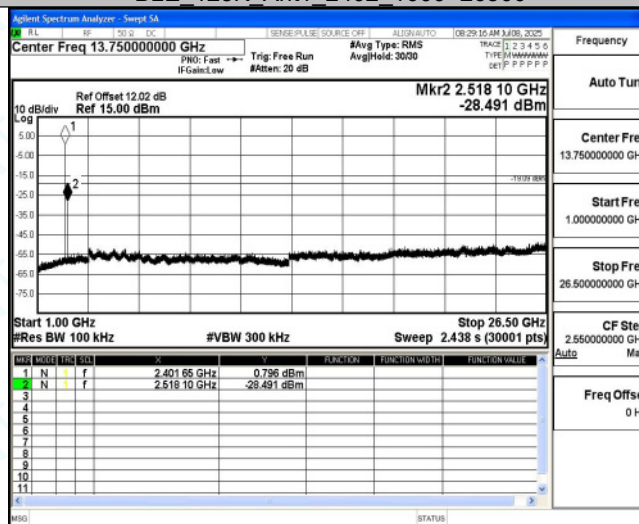
## BLE 125K Ant1 2402 0~Reference



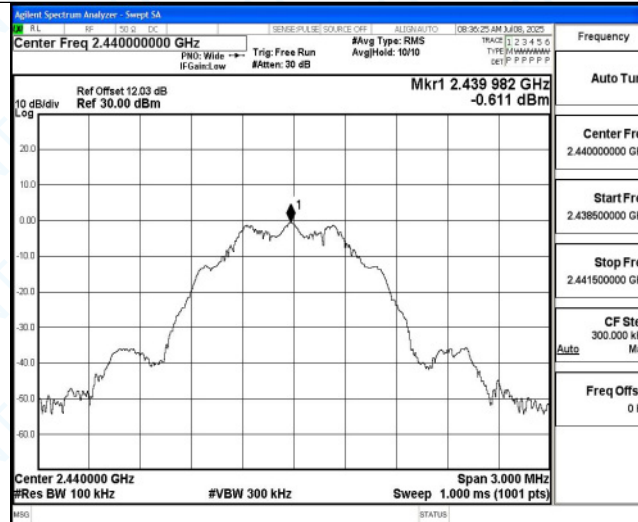
BLE\_125K\_Ant1\_2402\_30~1000



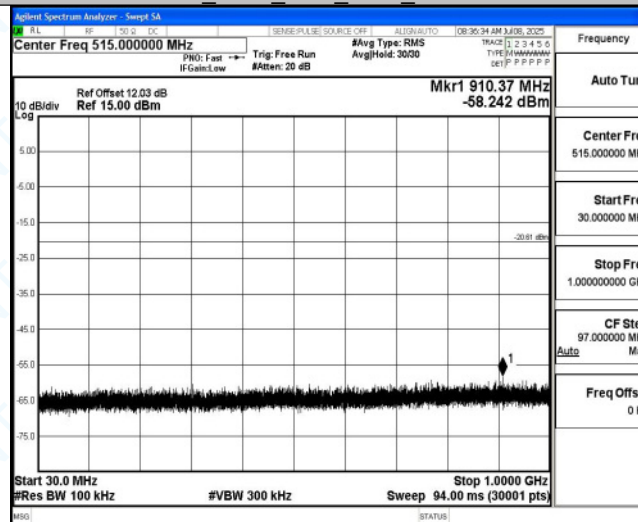
BLE\_125K\_Ant1\_2402\_1000~26500



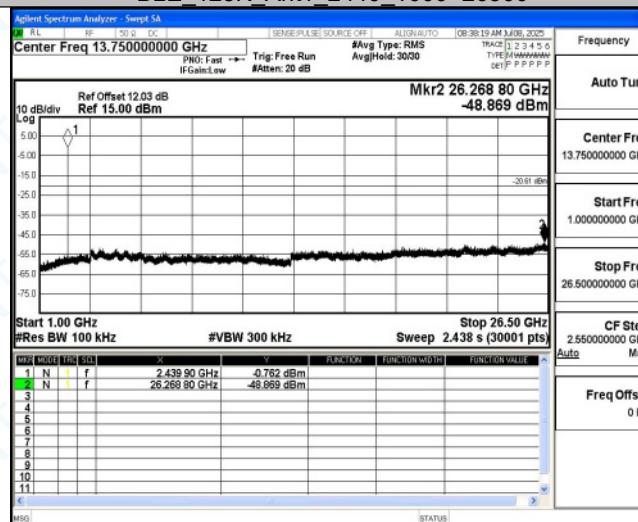
BLE\_125K\_Ant1\_2440\_0~Reference



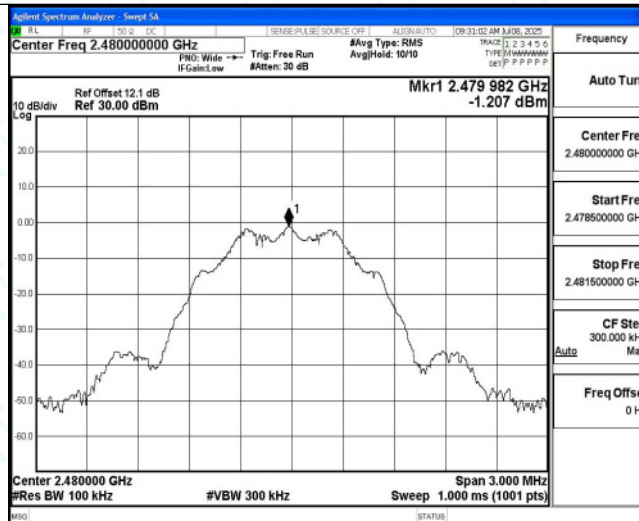
BLE\_125K\_Ant1\_2440\_30~1000



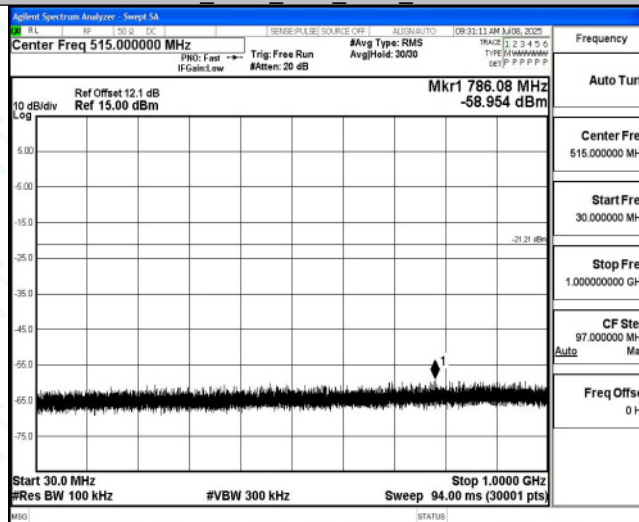
BLE\_125K\_Ant1\_2440\_1000~26500



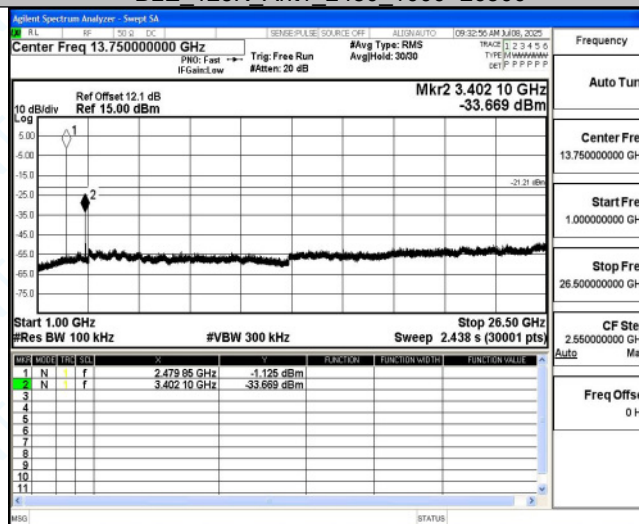
BLE\_125K\_Ant1\_2480\_0~Reference



BLE\_125K\_Ant1\_2480\_30~1000

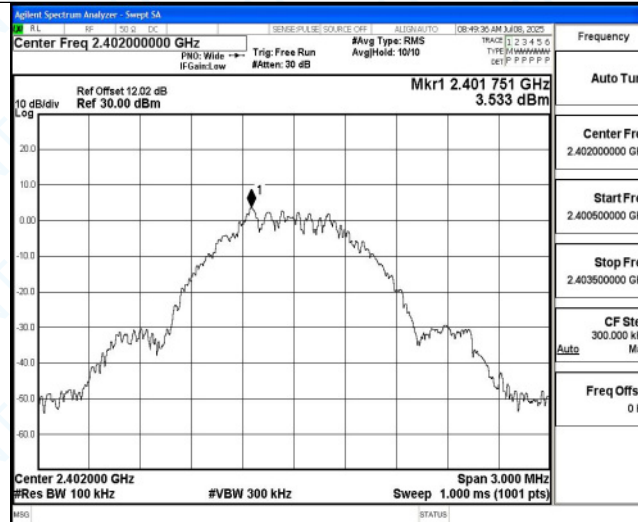


BLE\_125K\_Ant1\_2480\_1000~26500

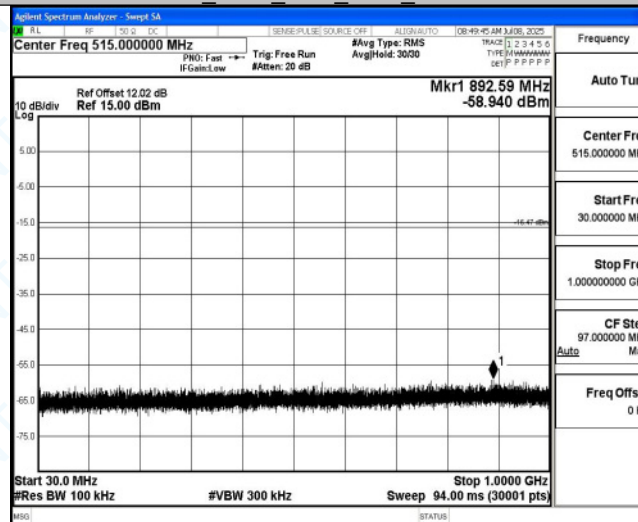


BLE\_500K\_Ant1\_2402\_0~Reference

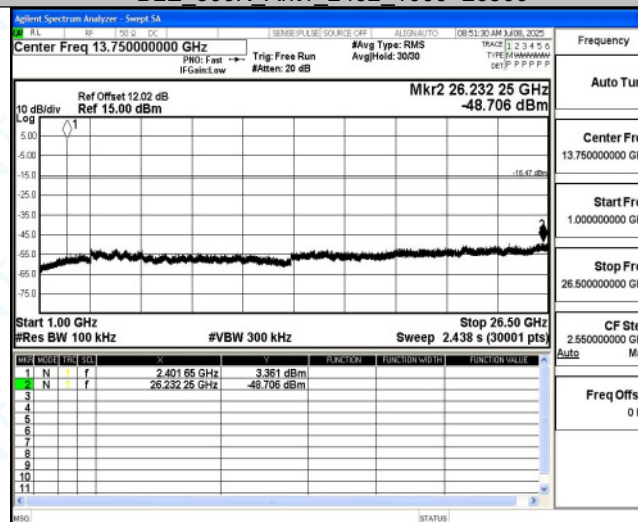




BLE\_500K\_Ant1\_2402\_30~1000

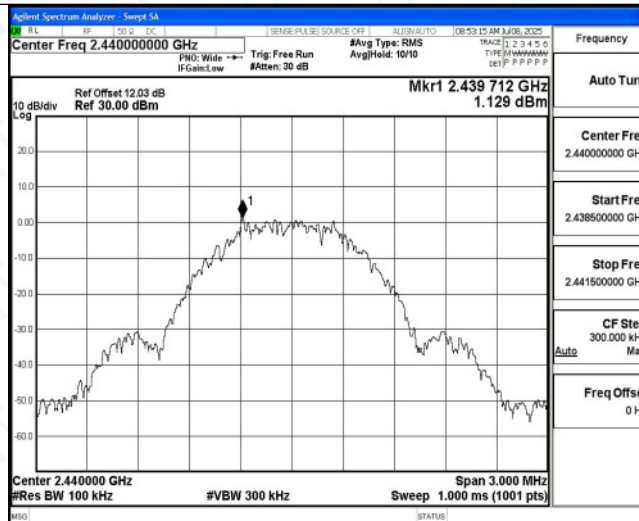


BLE\_500K\_Ant1\_2402\_1000~26500

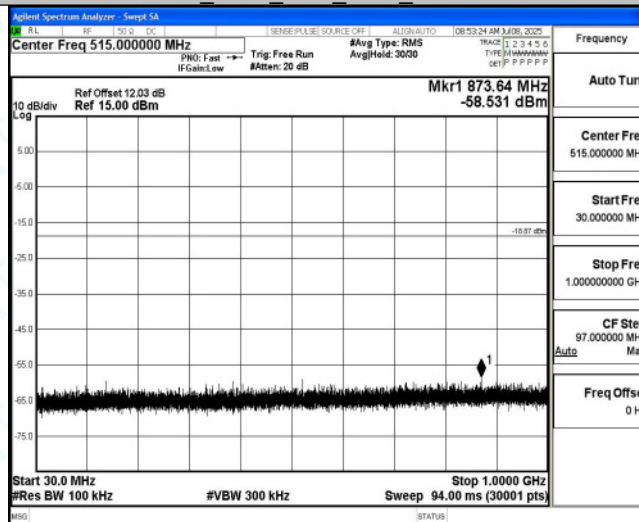


BLE\_500K\_Ant1\_2440\_0~Reference

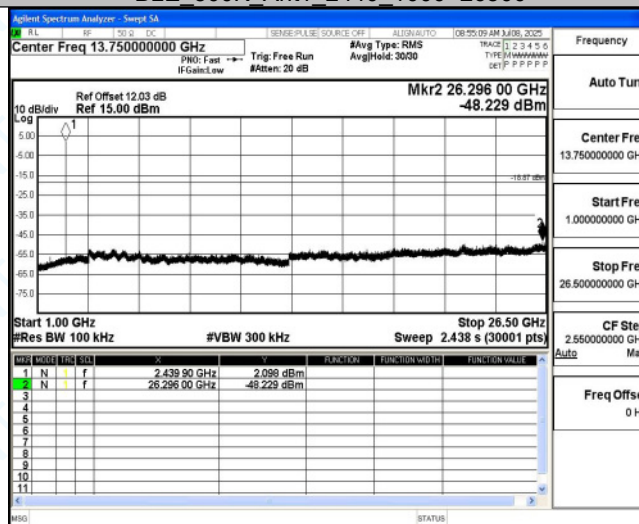




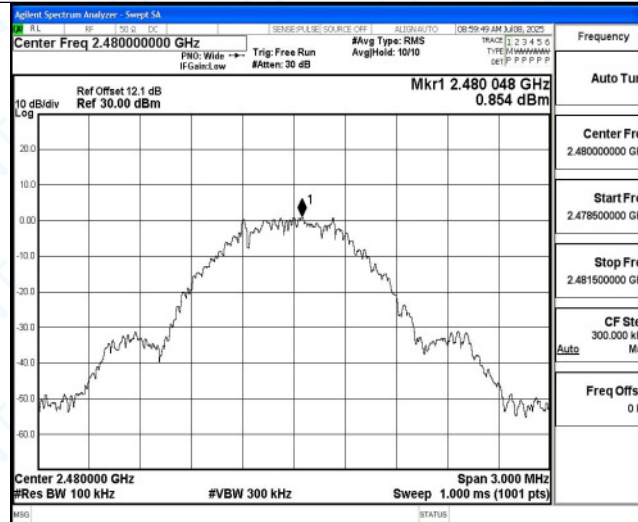
BLE\_500K\_Ant1\_2440\_30~1000



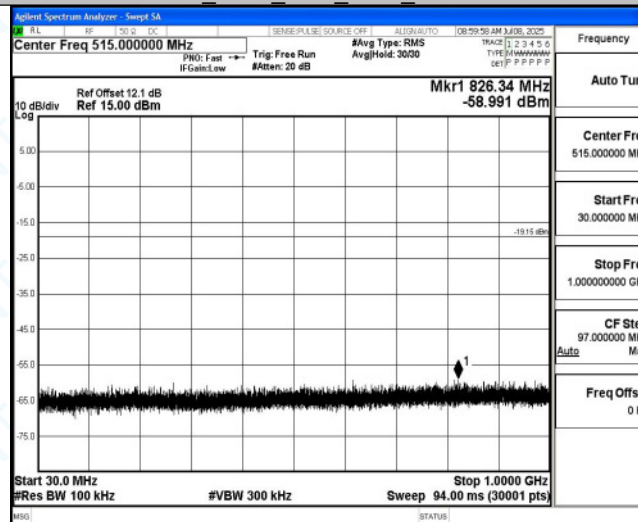
BLE\_500K\_Ant1\_2440\_1000~26500



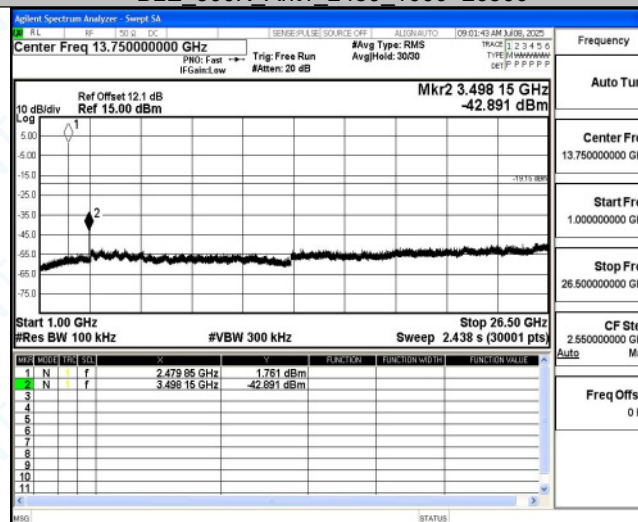
BLE\_500K\_Ant1\_2480\_0~Reference



## BLE\_500K\_Ant1\_2480\_30~1000



## BLE\_500K\_Ant1\_2480\_1000~26500



The End Report