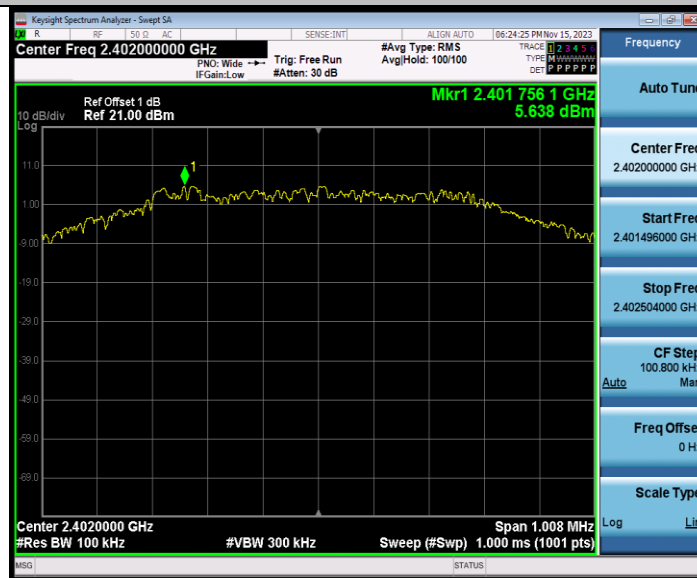


BLE\_500K\_Ant1\_2402



BLE\_500K\_Ant1\_2440



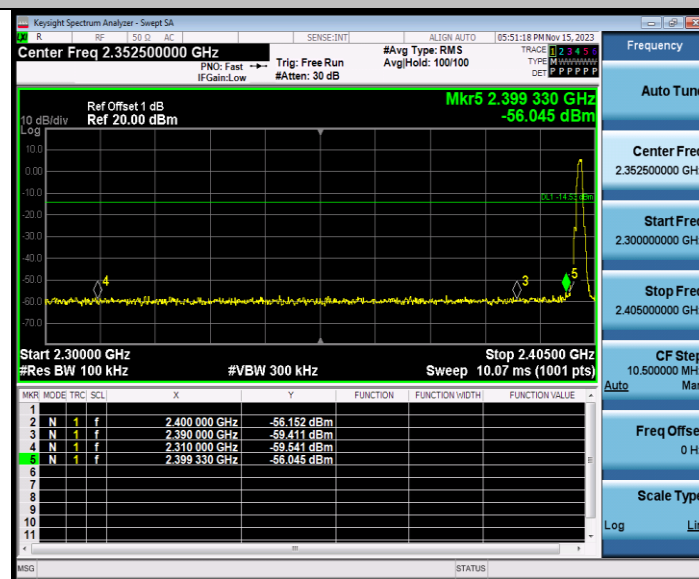
BLE\_500K\_Ant1\_2480



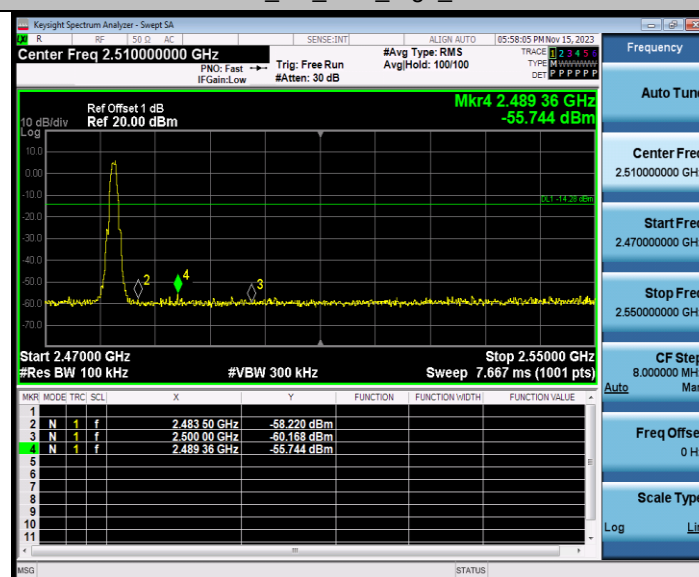
## Test Result for Band edge :

| TestMode | Antenna | ChName | Frequency<br>[MHz] | RefLevel[dBm] | Result[dBm] | Limit[dBm]    | Verdict |
|----------|---------|--------|--------------------|---------------|-------------|---------------|---------|
| BLE_1M   | Ant1    | Low    | 2402               | 5.47          | -56.05      | $\leq -14.53$ | PASS    |
|          |         | High   | 2480               | 5.72          | -55.74      | $\leq -14.28$ | PASS    |
| BLE_2M   | Ant1    | Low    | 2402               | 5.13          | -26.41      | $\leq -14.87$ | PASS    |
|          |         | High   | 2480               | 5.24          | -53.62      | $\leq -14.76$ | PASS    |
| BLE_125K | Ant1    | Low    | 2402               | 3.06          | -55.14      | $\leq -16.94$ | PASS    |
|          |         | High   | 2480               | 3.05          | -56.52      | $\leq -16.95$ | PASS    |
| BLE_500K | Ant1    | Low    | 2402               | 5.64          | -56.62      | $\leq -14.36$ | PASS    |
|          |         | High   | 2480               | 6.14          | -56.57      | $\leq -13.86$ | PASS    |

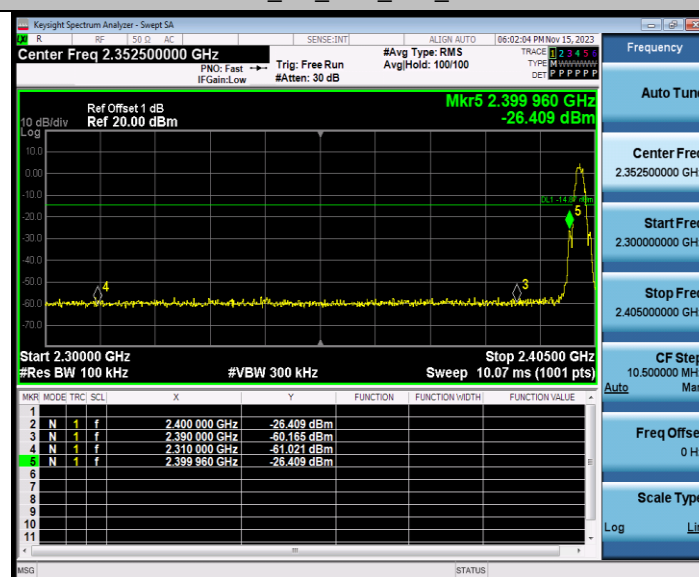
## BLE\_1M\_Ant1\_Low\_2402



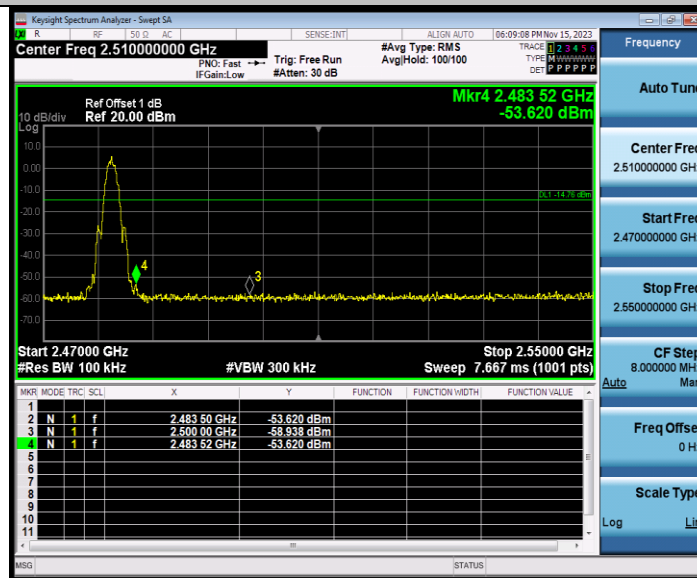
## BLE\_1M\_Ant1\_High\_2480



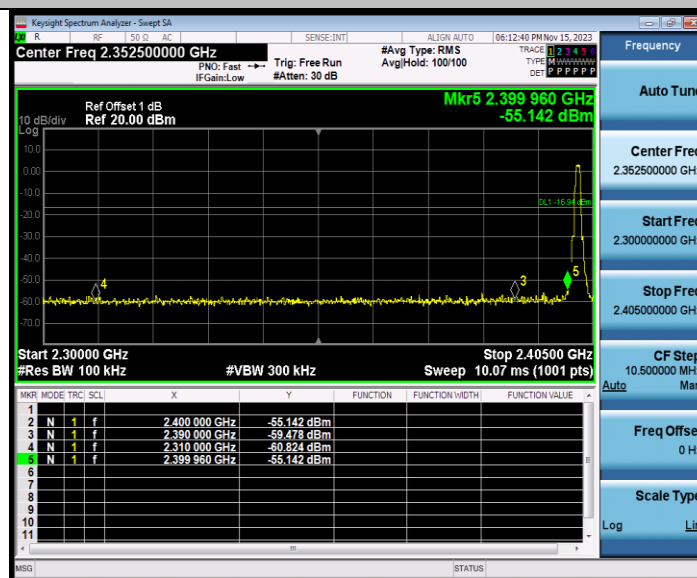
## BLE\_2M\_Ant1\_Low\_2402



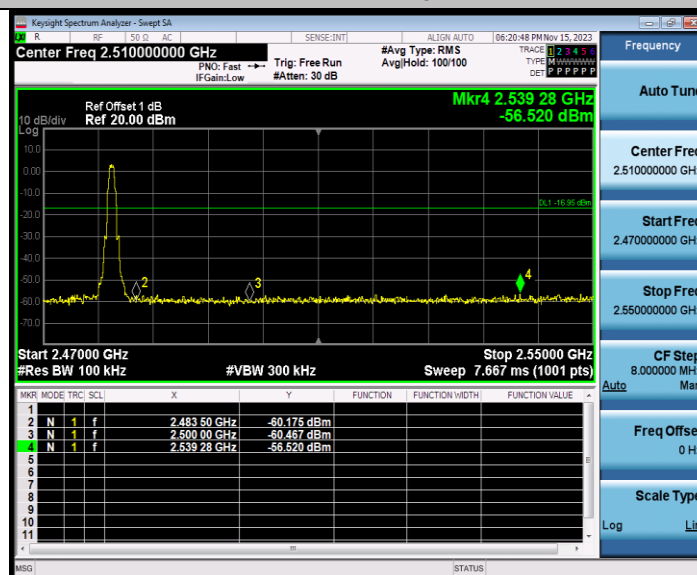
BLE\_2M\_Ant1\_High\_2480



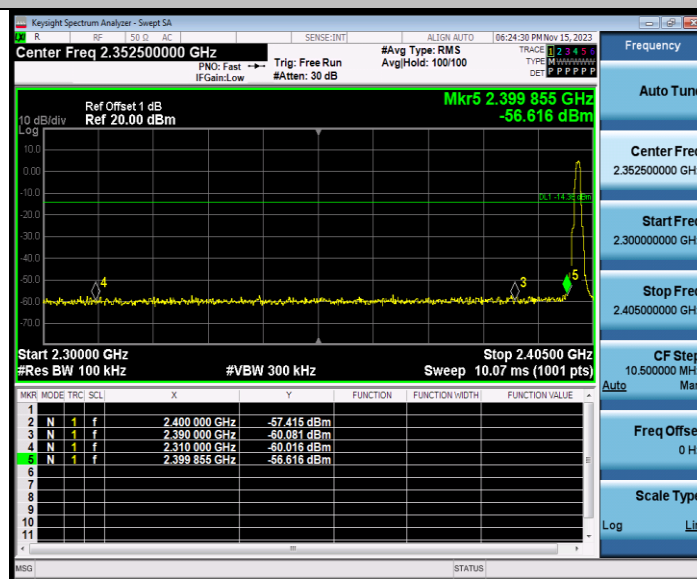
BLE\_125K\_Ant1\_Low\_2402



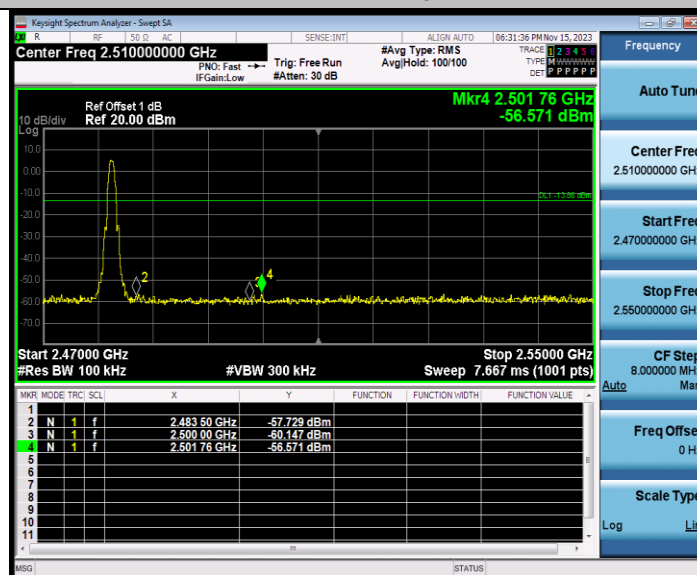
BLE\_125K\_Ant1\_High\_2480



## BLE\_500K\_Ant1\_Low\_2402



## BLE\_500K\_Ant1\_High\_2480



## Test Result for Spurious Emission :

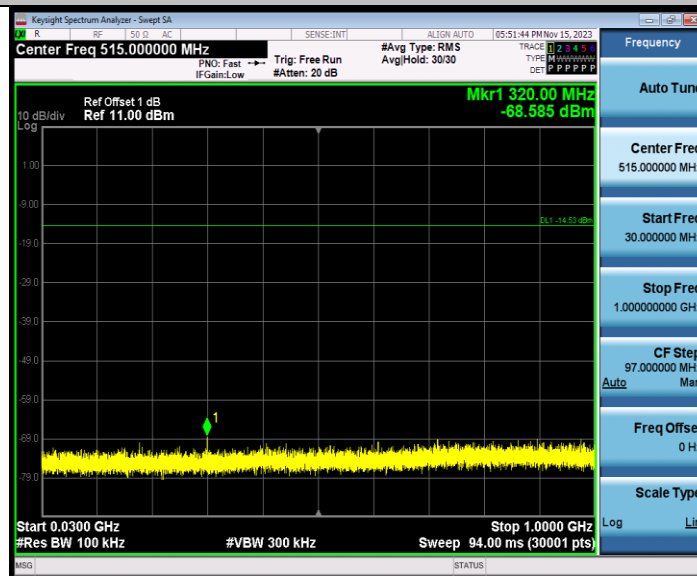
| TestMode | Antenna | Frequency [MHz] | FreqRange [MHz] | RefLevel [dBm] | Result[dBm] | Limit[dBm] | Verdict |
|----------|---------|-----------------|-----------------|----------------|-------------|------------|---------|
| BLE_1M   | Ant1    | 2402            | 30~1000         | 5.47           | -68.59      | ≤-14.53    | PASS    |
|          |         |                 | 1000~3000       | 5.47           | -45.64      | ≤-14.53    | PASS    |
|          |         |                 | 3000~5000       | 5.47           | -64.58      | ≤-14.53    | PASS    |
|          |         |                 | 5000~7000       | 5.47           | -67.02      | ≤-14.53    | PASS    |
|          |         |                 | 7000~9000       | 5.47           | -67.05      | ≤-14.53    | PASS    |
|          |         |                 | 9000~11000      | 5.47           | -66.52      | ≤-14.53    | PASS    |
|          |         |                 | 11000~13000     | 5.47           | -66.92      | ≤-14.53    | PASS    |
|          |         |                 | 13000~15000     | 5.47           | -64.64      | ≤-14.53    | PASS    |
|          |         |                 | 15000~17000     | 5.47           | -64.24      | ≤-14.53    | PASS    |
|          |         |                 | 17000~19000     | 5.47           | -62.52      | ≤-14.53    | PASS    |
|          |         |                 | 19000~21000     | 5.47           | -62         | ≤-14.53    | PASS    |
|          |         |                 | 21000~23000     | 5.47           | -61.29      | ≤-14.53    | PASS    |
|          |         |                 | 23000~25000     | 5.47           | -58.56      | ≤-14.53    | PASS    |
|          |         | 2440            | 30~1000         | 5.31           | -68.32      | ≤-14.69    | PASS    |
|          |         |                 | 1000~3000       | 5.31           | -55.23      | ≤-14.69    | PASS    |
|          |         |                 | 3000~5000       | 5.31           | -65.35      | ≤-14.69    | PASS    |
|          |         |                 | 5000~7000       | 5.31           | -67.45      | ≤-14.69    | PASS    |
|          |         |                 | 7000~9000       | 5.31           | -66.44      | ≤-14.69    | PASS    |
|          |         |                 | 9000~11000      | 5.31           | -66.52      | ≤-14.69    | PASS    |
|          |         |                 | 11000~13000     | 5.31           | -66.45      | ≤-14.69    | PASS    |
|          |         |                 | 13000~15000     | 5.31           | -65.16      | ≤-14.69    | PASS    |
|          |         |                 | 15000~17000     | 5.31           | -63.18      | ≤-14.69    | PASS    |
|          |         |                 | 17000~19000     | 5.31           | -61.6       | ≤-14.69    | PASS    |
|          |         |                 | 19000~21000     | 5.31           | -62.01      | ≤-14.69    | PASS    |
|          |         |                 | 21000~23000     | 5.31           | -61.81      | ≤-14.69    | PASS    |
|          |         |                 | 23000~25000     | 5.31           | -58.77      | ≤-14.69    | PASS    |
|          |         | 2480            | 30~1000         | 5.72           | -67.96      | ≤-14.28    | PASS    |
|          |         |                 | 1000~3000       | 5.72           | -50.73      | ≤-14.28    | PASS    |
|          |         |                 | 3000~5000       | 5.72           | -65.25      | ≤-14.28    | PASS    |
|          |         |                 | 5000~7000       | 5.72           | -66.55      | ≤-14.28    | PASS    |
|          |         |                 | 7000~9000       | 5.72           | -66.55      | ≤-14.28    | PASS    |
|          |         |                 | 9000~11000      | 5.72           | -66.49      | ≤-14.28    | PASS    |
|          |         |                 | 11000~13000     | 5.72           | -66.62      | ≤-14.28    | PASS    |
|          |         |                 | 13000~15000     | 5.72           | -65.05      | ≤-14.28    | PASS    |
|          |         |                 | 15000~17000     | 5.72           | -63.69      | ≤-14.28    | PASS    |
|          |         |                 | 17000~19000     | 5.72           | -61.43      | ≤-14.28    | PASS    |
|          |         |                 | 19000~21000     | 5.72           | -61.91      | ≤-14.28    | PASS    |
|          |         |                 | 21000~23000     | 5.72           | -61.08      | ≤-14.28    | PASS    |
|          |         |                 | 23000~25000     | 5.72           | -58.79      | ≤-14.28    | PASS    |
| BLE_2M   | Ant1    | 2402            | 30~1000         | 5.13           | -68.06      | ≤-14.87    | PASS    |
|          |         |                 | 1000~3000       | 5.13           | -65.8       | ≤-14.87    | PASS    |
|          |         |                 | 3000~5000       | 5.13           | -65.56      | ≤-14.87    | PASS    |
|          |         |                 | 5000~7000       | 5.13           | -67.8       | ≤-14.87    | PASS    |
|          |         |                 | 7000~9000       | 5.13           | -67.16      | ≤-14.87    | PASS    |
|          |         |                 | 9000~11000      | 5.13           | -66.91      | ≤-14.87    | PASS    |
|          |         |                 | 11000~13000     | 5.13           | -66.87      | ≤-14.87    | PASS    |
|          |         |                 | 13000~15000     | 5.13           | -64.28      | ≤-14.87    | PASS    |

|          |      |      |             |      |        |               |      |
|----------|------|------|-------------|------|--------|---------------|------|
|          |      |      | 15000~17000 | 5.13 | -63.88 | $\leq -14.87$ | PASS |
|          |      |      | 17000~19000 | 5.13 | -62.07 | $\leq -14.87$ | PASS |
|          |      |      | 19000~21000 | 5.13 | -61.79 | $\leq -14.87$ | PASS |
|          |      |      | 21000~23000 | 5.13 | -61.07 | $\leq -14.87$ | PASS |
|          |      |      | 23000~25000 | 5.13 | -57.54 | $\leq -14.87$ | PASS |
|          |      | 2440 | 30~1000     | 4.98 | -67.93 | $\leq -15.02$ | PASS |
|          |      |      | 1000~3000   | 4.98 | -65.54 | $\leq -15.02$ | PASS |
|          |      |      | 3000~5000   | 4.98 | -65.39 | $\leq -15.02$ | PASS |
|          |      |      | 5000~7000   | 4.98 | -67.46 | $\leq -15.02$ | PASS |
|          |      |      | 7000~9000   | 4.98 | -66.46 | $\leq -15.02$ | PASS |
|          |      |      | 9000~11000  | 4.98 | -66.88 | $\leq -15.02$ | PASS |
|          |      |      | 11000~13000 | 4.98 | -67.29 | $\leq -15.02$ | PASS |
|          |      |      | 13000~15000 | 4.98 | -64.87 | $\leq -15.02$ | PASS |
|          |      |      | 15000~17000 | 4.98 | -64.24 | $\leq -15.02$ | PASS |
|          |      |      | 17000~19000 | 4.98 | -62.19 | $\leq -15.02$ | PASS |
|          |      |      | 19000~21000 | 4.98 | -61.02 | $\leq -15.02$ | PASS |
|          |      |      | 21000~23000 | 4.98 | -61.71 | $\leq -15.02$ | PASS |
|          |      |      | 23000~25000 | 4.98 | -58.57 | $\leq -15.02$ | PASS |
|          |      | 2480 | 30~1000     | 5.24 | -67.84 | $\leq -14.76$ | PASS |
|          |      |      | 1000~3000   | 5.24 | -64.95 | $\leq -14.76$ | PASS |
|          |      |      | 3000~5000   | 5.24 | -65.66 | $\leq -14.76$ | PASS |
|          |      |      | 5000~7000   | 5.24 | -60.74 | $\leq -14.76$ | PASS |
|          |      |      | 7000~9000   | 5.24 | -67.19 | $\leq -14.76$ | PASS |
|          |      |      | 9000~11000  | 5.24 | -67.19 | $\leq -14.76$ | PASS |
|          |      |      | 11000~13000 | 5.24 | -67.02 | $\leq -14.76$ | PASS |
|          |      |      | 13000~15000 | 5.24 | -64.5  | $\leq -14.76$ | PASS |
|          |      |      | 15000~17000 | 5.24 | -64.41 | $\leq -14.76$ | PASS |
|          |      |      | 17000~19000 | 5.24 | -61.87 | $\leq -14.76$ | PASS |
|          |      |      | 19000~21000 | 5.24 | -62.01 | $\leq -14.76$ | PASS |
|          |      |      | 21000~23000 | 5.24 | -61.74 | $\leq -14.76$ | PASS |
|          |      |      | 23000~25000 | 5.24 | -58.71 | $\leq -14.76$ | PASS |
| BLE_125K | Ant1 | 2402 | 30~1000     | 3.06 | -68.83 | $\leq -16.94$ | PASS |
|          |      |      | 1000~3000   | 3.06 | -64.83 | $\leq -16.94$ | PASS |
|          |      |      | 3000~5000   | 3.06 | -65.86 | $\leq -16.94$ | PASS |
|          |      |      | 5000~7000   | 3.06 | -67.01 | $\leq -16.94$ | PASS |
|          |      |      | 7000~9000   | 3.06 | -66.92 | $\leq -16.94$ | PASS |
|          |      |      | 9000~11000  | 3.06 | -66.68 | $\leq -16.94$ | PASS |
|          |      |      | 11000~13000 | 3.06 | -67.2  | $\leq -16.94$ | PASS |
|          |      |      | 13000~15000 | 3.06 | -64.63 | $\leq -16.94$ | PASS |
|          |      |      | 15000~17000 | 3.06 | -63.83 | $\leq -16.94$ | PASS |
|          |      |      | 17000~19000 | 3.06 | -62.31 | $\leq -16.94$ | PASS |
|          |      |      | 19000~21000 | 3.06 | -61.82 | $\leq -16.94$ | PASS |
|          |      |      | 21000~23000 | 3.06 | -60.91 | $\leq -16.94$ | PASS |
|          |      |      | 23000~25000 | 3.06 | -58.45 | $\leq -16.94$ | PASS |
|          |      | 2440 | 30~1000     | 3.09 | -67.93 | $\leq -16.91$ | PASS |
|          |      |      | 1000~3000   | 3.09 | -65.35 | $\leq -16.91$ | PASS |
|          |      |      | 3000~5000   | 3.09 | -64.86 | $\leq -16.91$ | PASS |
|          |      |      | 5000~7000   | 3.09 | -66.03 | $\leq -16.91$ | PASS |
|          |      |      | 7000~9000   | 3.09 | -66.61 | $\leq -16.91$ | PASS |
|          |      |      | 9000~11000  | 3.09 | -67.01 | $\leq -16.91$ | PASS |
|          |      |      | 11000~13000 | 3.09 | -66.62 | $\leq -16.91$ | PASS |

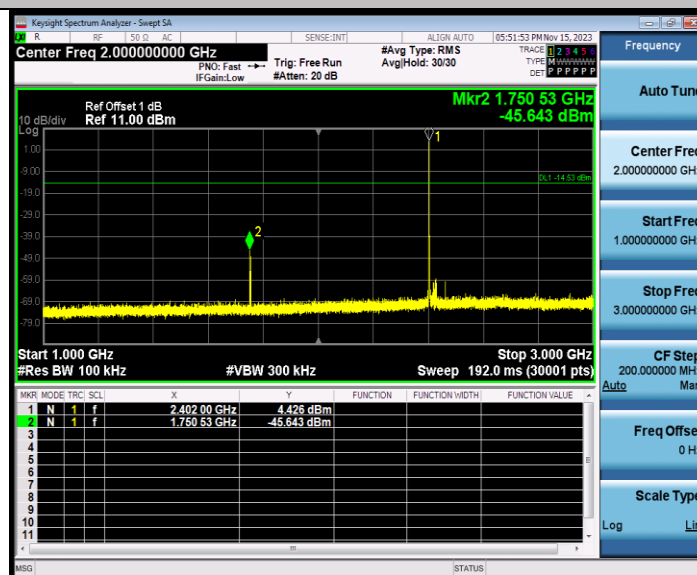
|          |      |      |             |      |        |         |      |
|----------|------|------|-------------|------|--------|---------|------|
|          |      |      | 13000~15000 | 3.09 | -64.96 | ≤-16.91 | PASS |
|          |      |      | 15000~17000 | 3.09 | -64.25 | ≤-16.91 | PASS |
|          |      |      | 17000~19000 | 3.09 | -62.32 | ≤-16.91 | PASS |
|          |      |      | 19000~21000 | 3.09 | -62.01 | ≤-16.91 | PASS |
|          |      |      | 21000~23000 | 3.09 | -61.74 | ≤-16.91 | PASS |
|          |      |      | 23000~25000 | 3.09 | -58.74 | ≤-16.91 | PASS |
|          |      | 2480 | 30~1000     | 3.05 | -67.97 | ≤-16.95 | PASS |
|          |      |      | 1000~3000   | 3.05 | -65.3  | ≤-16.95 | PASS |
|          |      |      | 3000~5000   | 3.05 | -64.91 | ≤-16.95 | PASS |
|          |      |      | 5000~7000   | 3.05 | -66.55 | ≤-16.95 | PASS |
|          |      |      | 7000~9000   | 3.05 | -66.86 | ≤-16.95 | PASS |
|          |      |      | 9000~11000  | 3.05 | -66.69 | ≤-16.95 | PASS |
|          |      |      | 11000~13000 | 3.05 | -66.63 | ≤-16.95 | PASS |
|          |      |      | 13000~15000 | 3.05 | -64.8  | ≤-16.95 | PASS |
|          |      |      | 15000~17000 | 3.05 | -64.36 | ≤-16.95 | PASS |
|          |      |      | 17000~19000 | 3.05 | -61.87 | ≤-16.95 | PASS |
|          |      |      | 19000~21000 | 3.05 | -62.64 | ≤-16.95 | PASS |
|          |      |      | 21000~23000 | 3.05 | -61.28 | ≤-16.95 | PASS |
|          |      |      | 23000~25000 | 3.05 | -58.44 | ≤-16.95 | PASS |
| BLE_500K | Ant1 | 2402 | 30~1000     | 5.64 | -68.84 | ≤-14.36 | PASS |
|          |      |      | 1000~3000   | 5.64 | -64.74 | ≤-14.36 | PASS |
|          |      |      | 3000~5000   | 5.64 | -65.81 | ≤-14.36 | PASS |
|          |      |      | 5000~7000   | 5.64 | -62.92 | ≤-14.36 | PASS |
|          |      |      | 7000~9000   | 5.64 | -65.86 | ≤-14.36 | PASS |
|          |      |      | 9000~11000  | 5.64 | -66.35 | ≤-14.36 | PASS |
|          |      |      | 11000~13000 | 5.64 | -66.87 | ≤-14.36 | PASS |
|          |      |      | 13000~15000 | 5.64 | -64.62 | ≤-14.36 | PASS |
|          |      |      | 15000~17000 | 5.64 | -63.67 | ≤-14.36 | PASS |
|          |      |      | 17000~19000 | 5.64 | -62.32 | ≤-14.36 | PASS |
|          |      |      | 19000~21000 | 5.64 | -61.28 | ≤-14.36 | PASS |
|          |      |      | 21000~23000 | 5.64 | -61.21 | ≤-14.36 | PASS |
|          |      |      | 23000~25000 | 5.64 | -58.67 | ≤-14.36 | PASS |
|          |      | 2440 | 30~1000     | 6.22 | -68.6  | ≤-13.78 | PASS |
|          |      |      | 1000~3000   | 6.22 | -65.23 | ≤-13.78 | PASS |
|          |      |      | 3000~5000   | 6.22 | -65.13 | ≤-13.78 | PASS |
|          |      |      | 5000~7000   | 6.22 | -66.05 | ≤-13.78 | PASS |
|          |      |      | 7000~9000   | 6.22 | -66.2  | ≤-13.78 | PASS |
|          |      |      | 9000~11000  | 6.22 | -65.21 | ≤-13.78 | PASS |
|          |      |      | 11000~13000 | 6.22 | -66.94 | ≤-13.78 | PASS |
|          |      |      | 13000~15000 | 6.22 | -64.63 | ≤-13.78 | PASS |
|          |      |      | 15000~17000 | 6.22 | -63.22 | ≤-13.78 | PASS |
|          |      |      | 17000~19000 | 6.22 | -61.9  | ≤-13.78 | PASS |
|          |      |      | 19000~21000 | 6.22 | -61.95 | ≤-13.78 | PASS |
|          |      |      | 21000~23000 | 6.22 | -61.51 | ≤-13.78 | PASS |
|          |      |      | 23000~25000 | 6.22 | -58.53 | ≤-13.78 | PASS |
|          |      | 2480 | 30~1000     | 6.14 | -67.91 | ≤-13.86 | PASS |
|          |      |      | 1000~3000   | 6.14 | -65.74 | ≤-13.86 | PASS |
|          |      |      | 3000~5000   | 6.14 | -64.82 | ≤-13.86 | PASS |
|          |      |      | 5000~7000   | 6.14 | -67.3  | ≤-13.86 | PASS |
|          |      |      | 7000~9000   | 6.14 | -66.6  | ≤-13.86 | PASS |
|          |      |      | 9000~11000  | 6.14 | -66.21 | ≤-13.86 | PASS |

|  |  |  |             |      |        |               |      |
|--|--|--|-------------|------|--------|---------------|------|
|  |  |  | 11000~13000 | 6.14 | -66.88 | $\leq -13.86$ | PASS |
|  |  |  | 13000~15000 | 6.14 | -65.55 | $\leq -13.86$ | PASS |
|  |  |  | 15000~17000 | 6.14 | -63.96 | $\leq -13.86$ | PASS |
|  |  |  | 17000~19000 | 6.14 | -61.74 | $\leq -13.86$ | PASS |
|  |  |  | 19000~21000 | 6.14 | -61.89 | $\leq -13.86$ | PASS |
|  |  |  | 21000~23000 | 6.14 | -61.48 | $\leq -13.86$ | PASS |
|  |  |  | 23000~25000 | 6.14 | -58.6  | $\leq -13.86$ | PASS |

## BLE\_1M\_Ant1\_2402\_30~1000



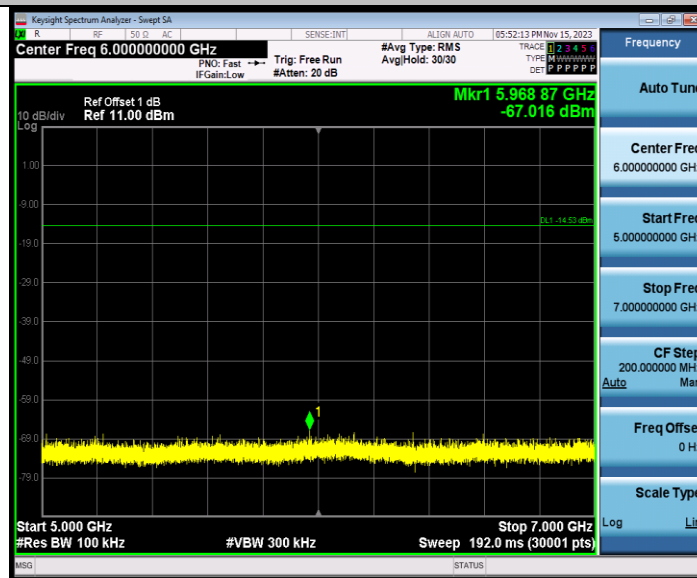
## BLE\_1M\_Ant1\_2402\_1000~3000



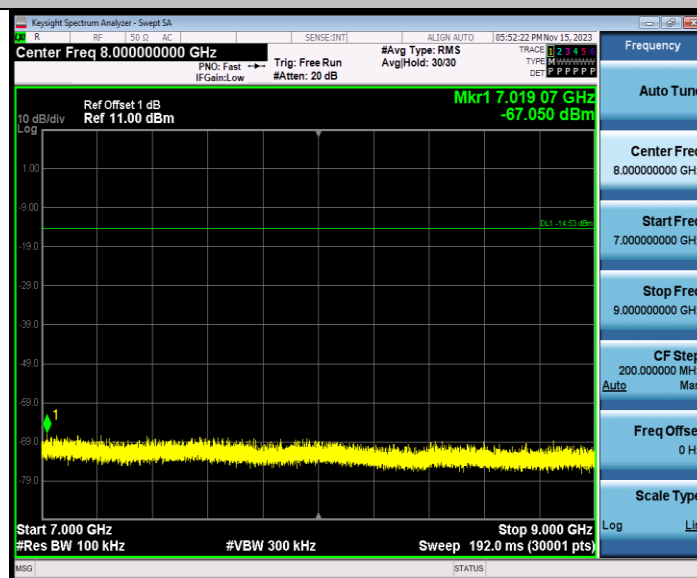
## BLE\_1M\_Ant1\_2402\_3000~5000



## BLE\_1M\_Ant1\_2402\_5000~7000



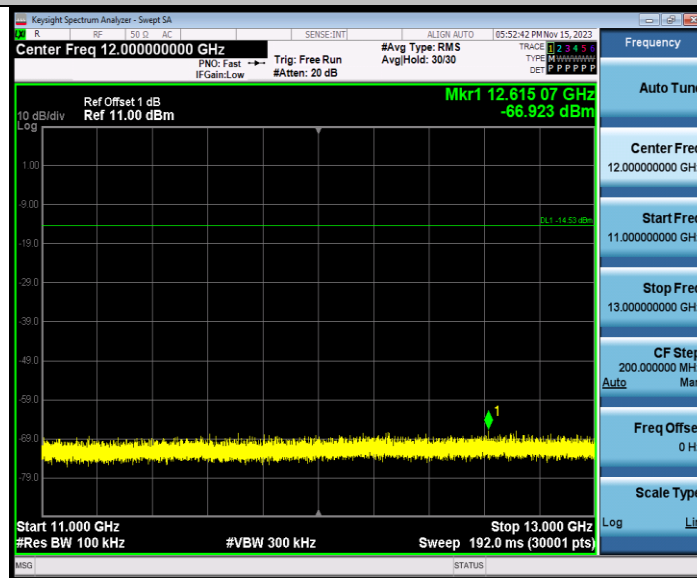
## BLE\_1M\_Ant1\_2402\_7000~9000



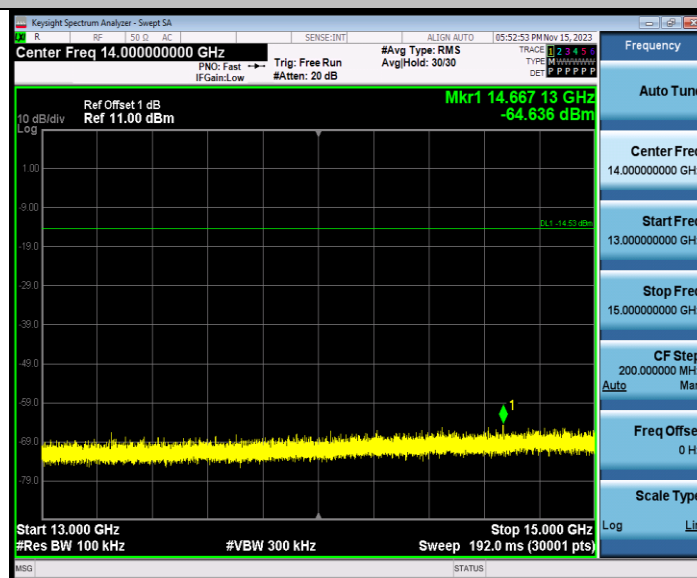
## BLE\_1M\_Ant1\_2402\_9000~11000



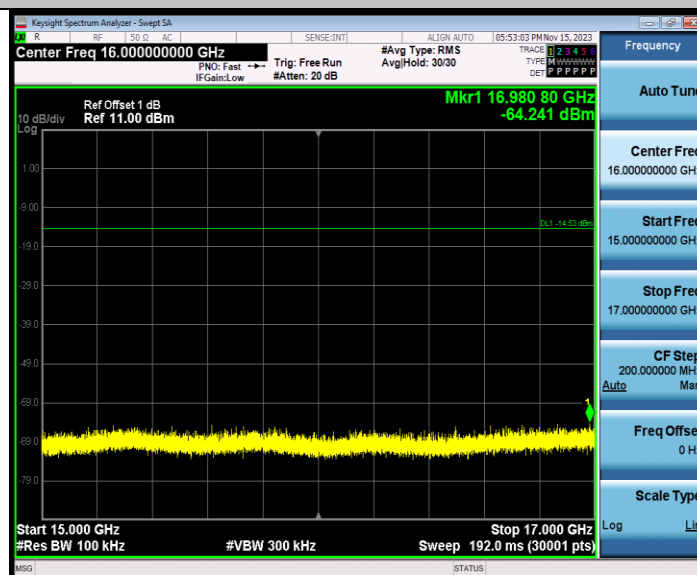
## BLE\_1M\_Ant1\_2402\_11000~13000



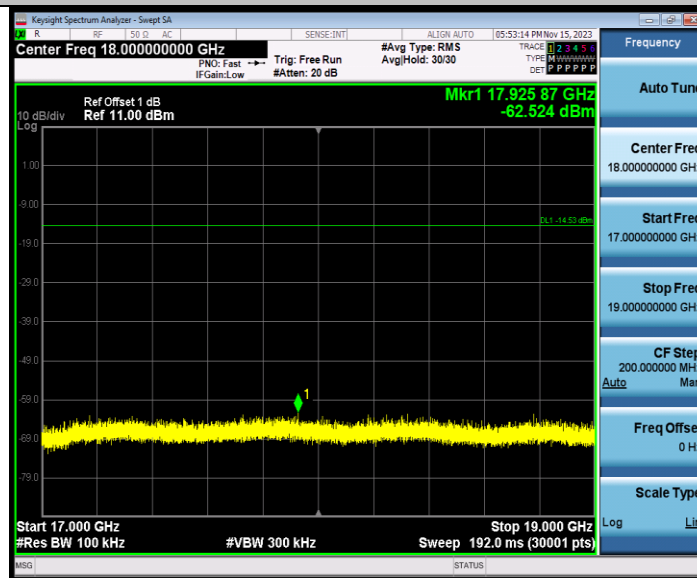
## BLE\_1M\_Ant1\_2402\_13000~15000



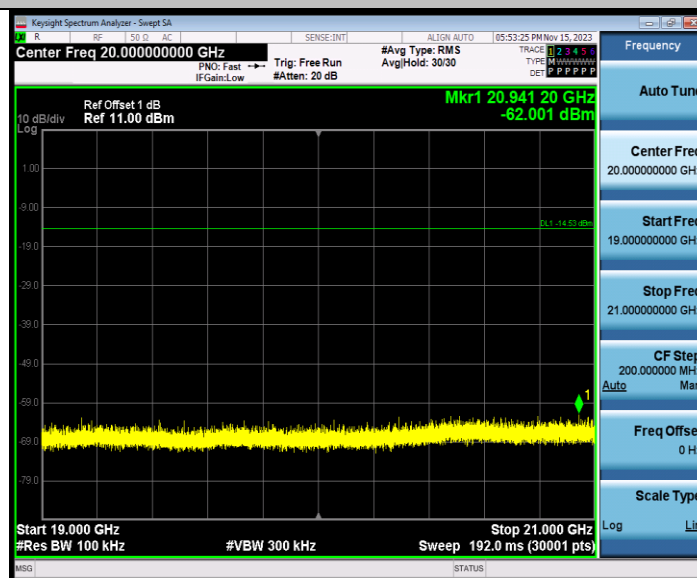
## BLE\_1M\_Ant1\_2402\_15000~17000



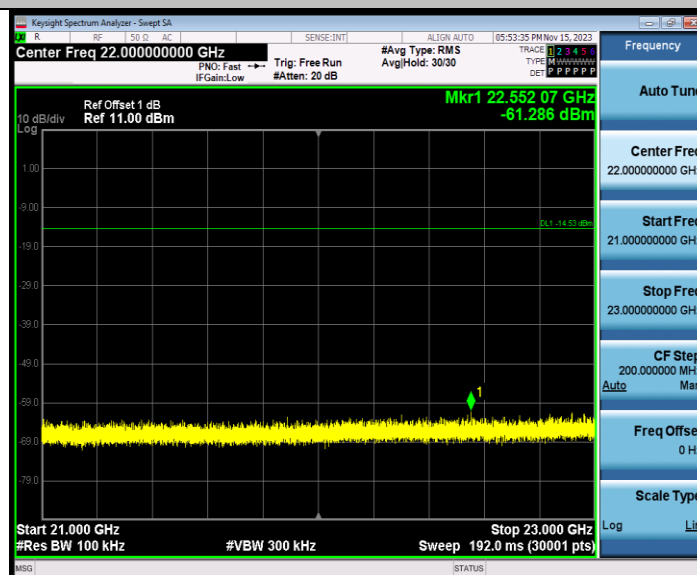
## BLE\_1M\_Ant1\_2402\_17000~19000



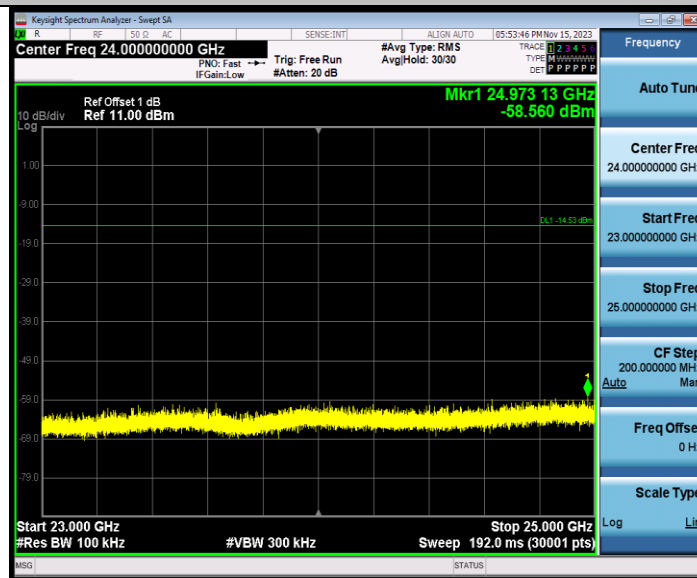
## BLE\_1M\_Ant1\_2402\_19000~21000



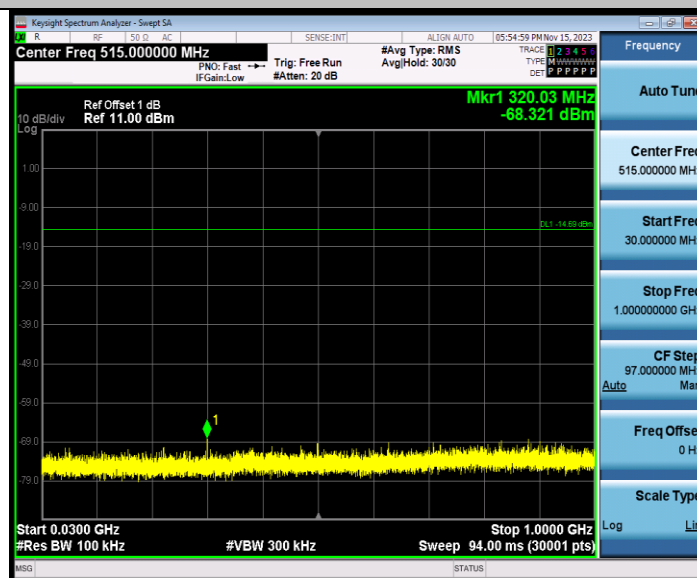
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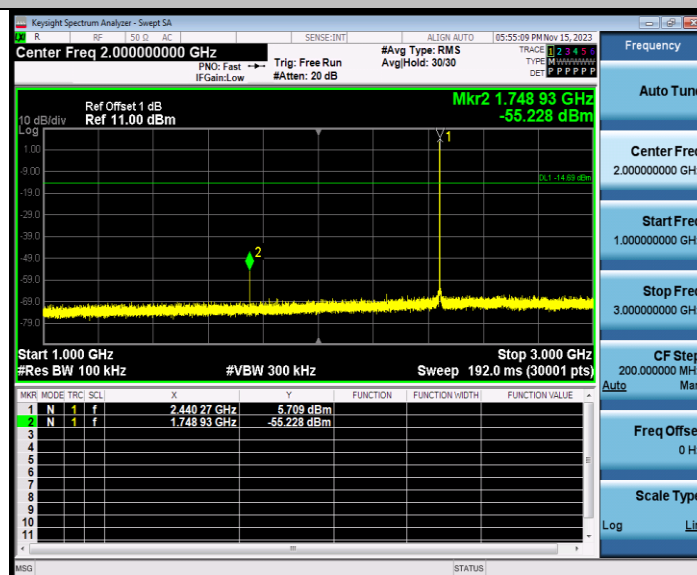
## BLE\_1M\_Ant1\_2402\_23000~25000



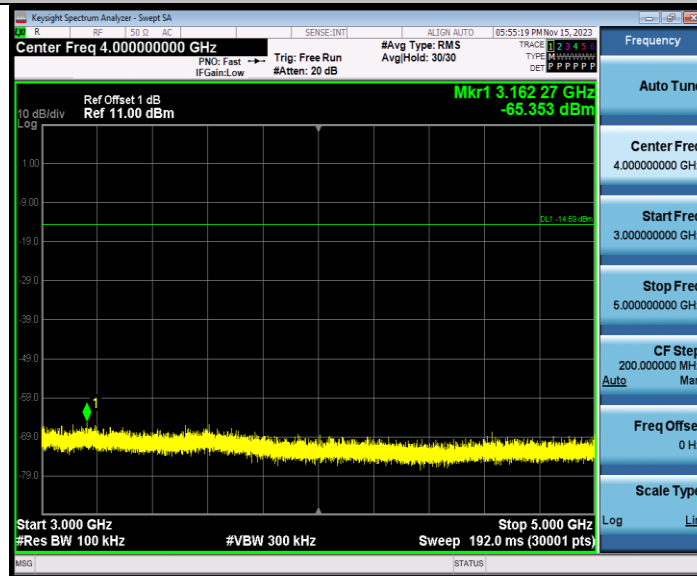
## BLE\_1M\_Ant1\_2440\_30~1000



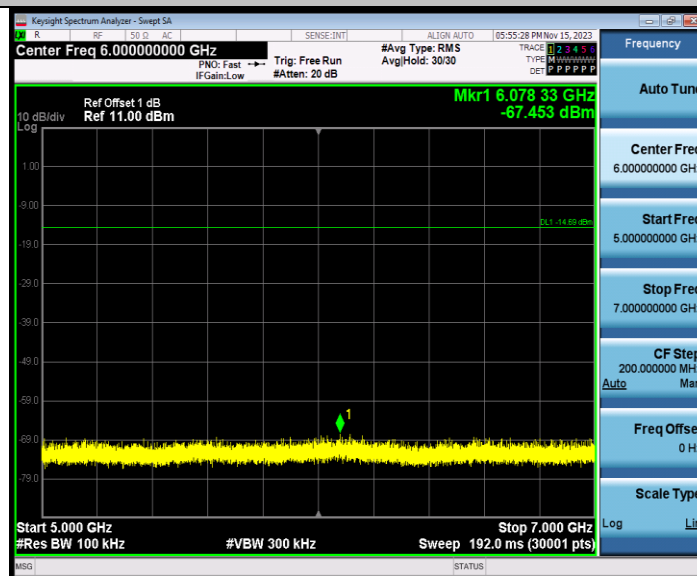
## BLE\_1M\_Ant1\_2440\_1000~3000



## BLE\_1M\_Ant1\_2440\_3000~5000



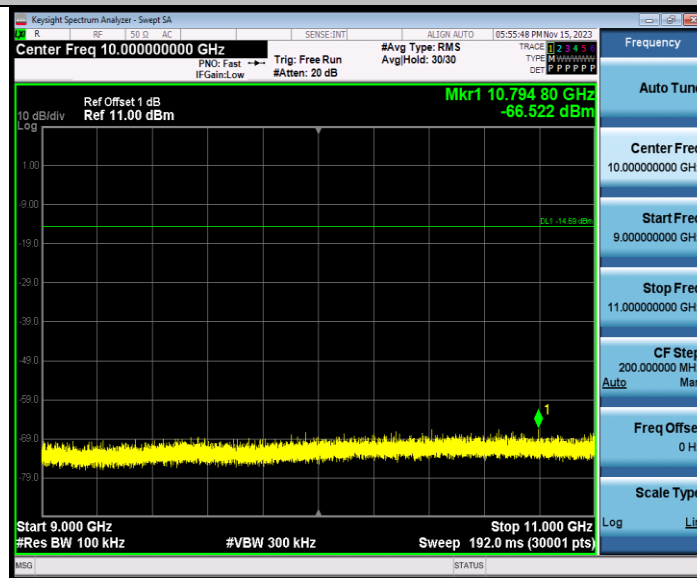
## BLE\_1M\_Ant1\_2440\_5000~7000



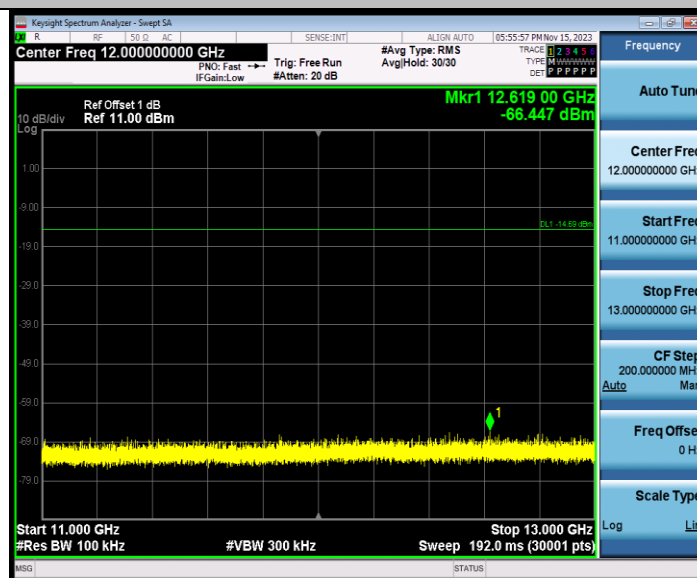
## BLE\_1M\_Ant1\_2440\_7000~9000



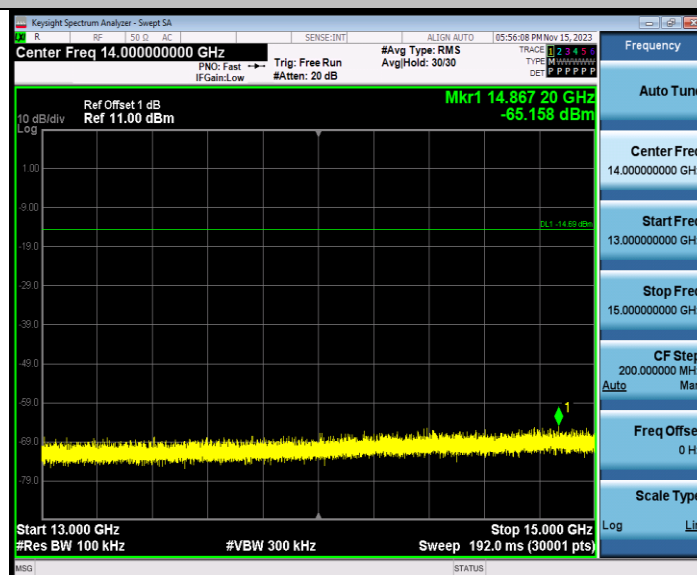
## BLE\_1M\_Ant1\_2440\_9000~11000



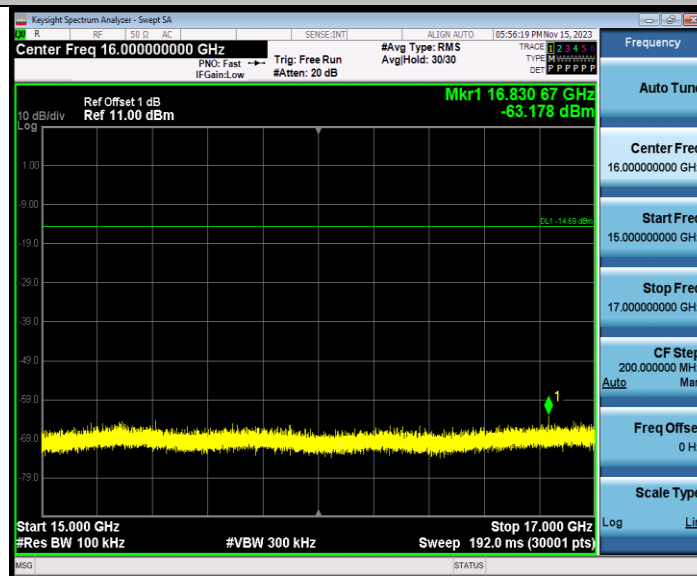
## BLE\_1M\_Ant1\_2440\_11000~13000



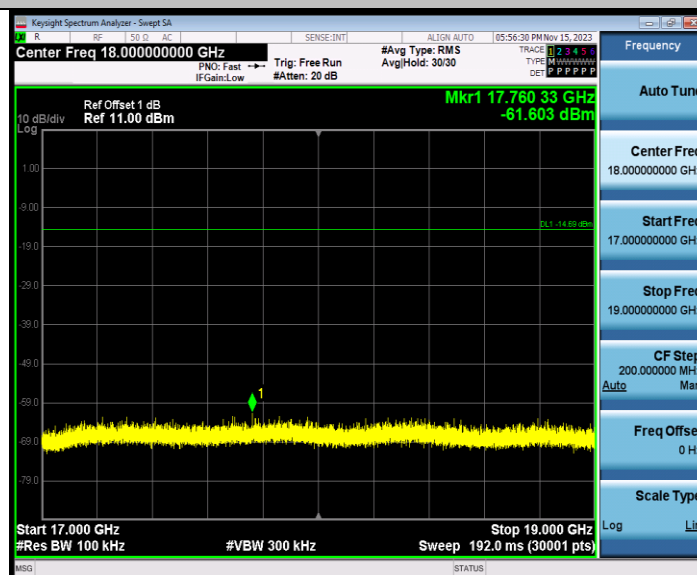
## BLE\_1M\_Ant1\_2440\_13000~15000



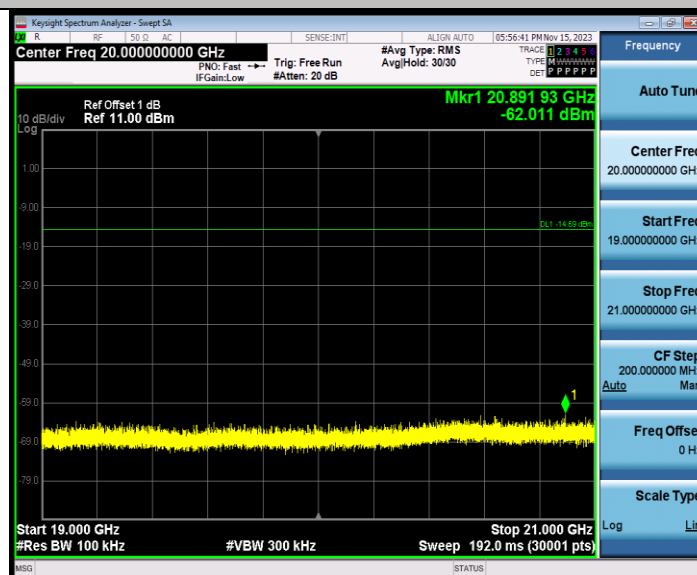
## BLE\_1M\_Ant1\_2440\_15000~17000



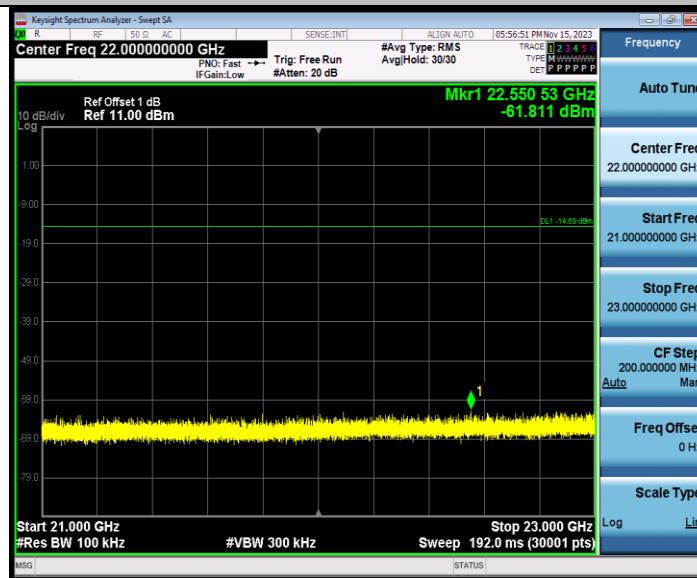
## BLE\_1M\_Ant1\_2440\_17000~19000



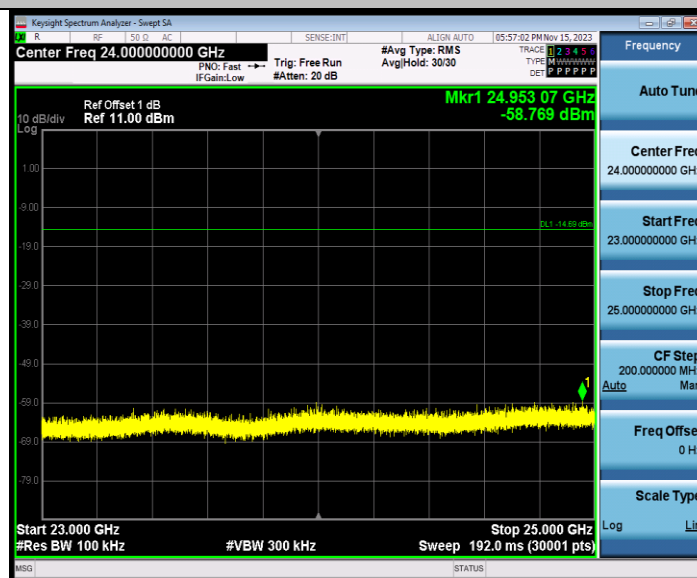
## BLE\_1M\_Ant1\_2440\_19000~21000



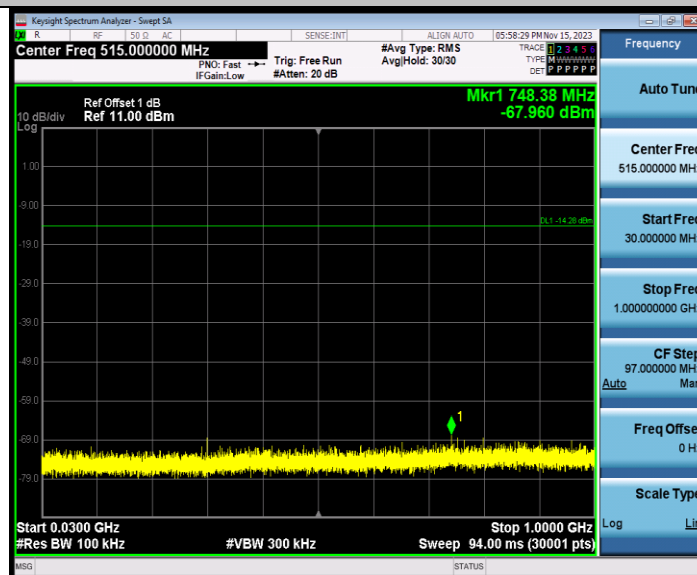
## BLE\_1M\_Ant1\_2440\_21000~23000



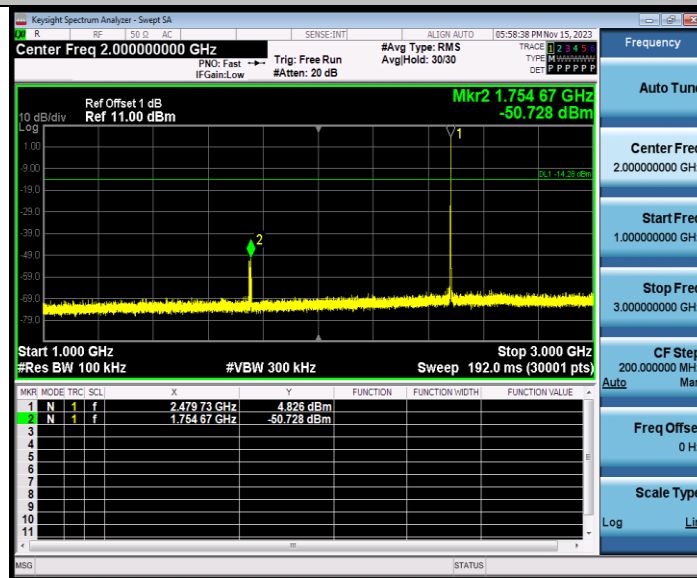
## BLE\_1M\_Ant1\_2440\_23000~25000



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



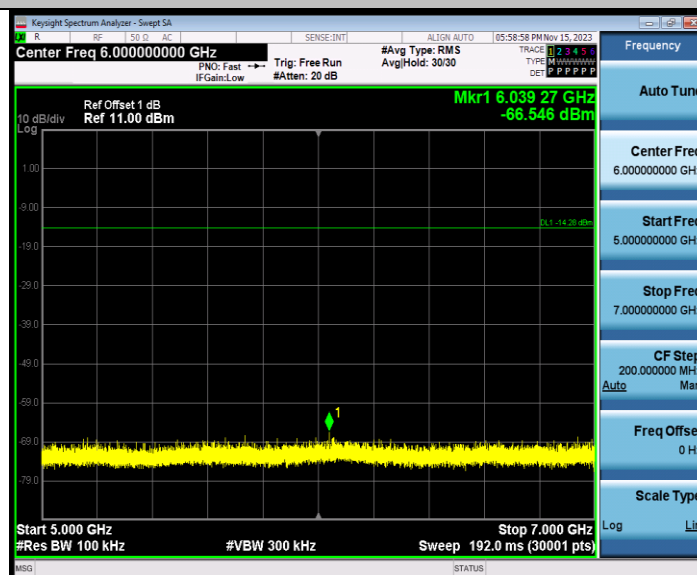
## BLE\_1M\_Ant1\_2480\_1000~3000



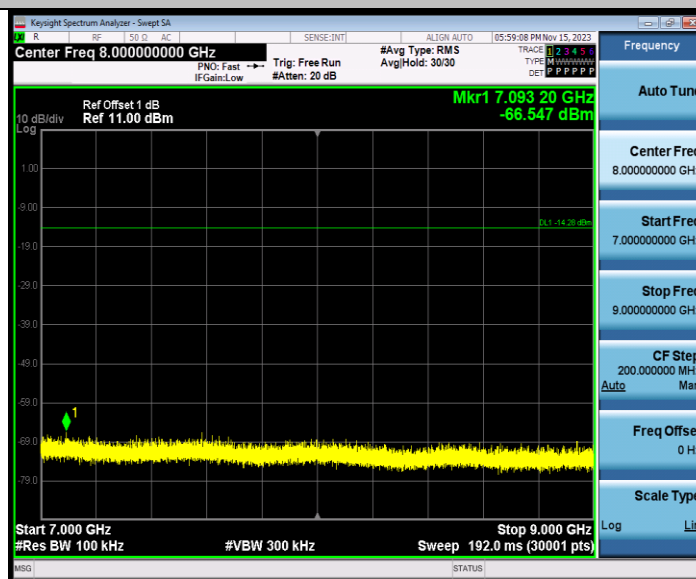
## BLE\_1M\_Ant1\_2480\_3000~5000



## BLE\_1M\_Ant1\_2480\_5000~7000



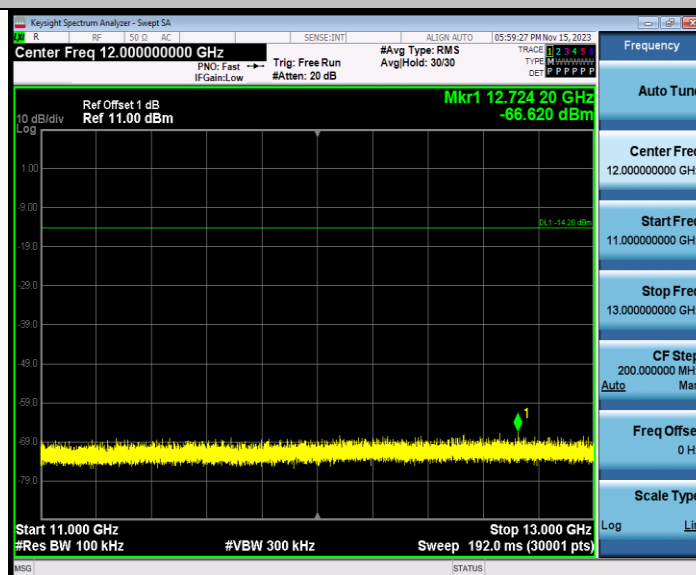
## BLE\_1M\_Ant1\_2480\_7000~9000



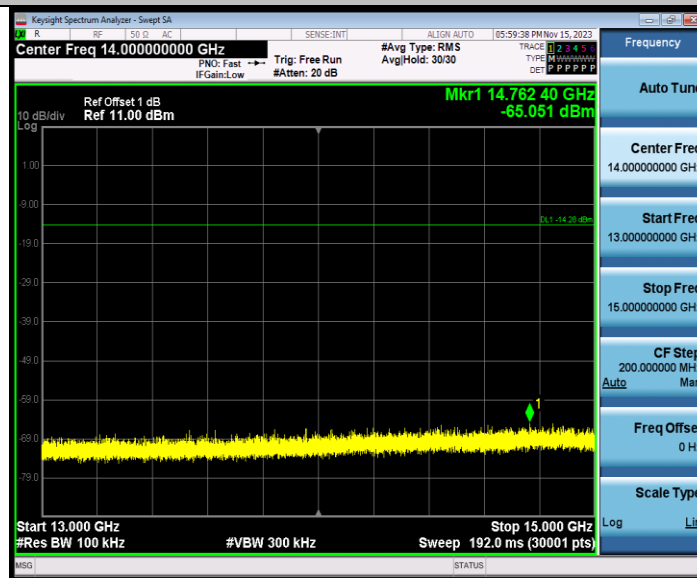
## BLE\_1M\_Ant1\_2480\_9000~11000



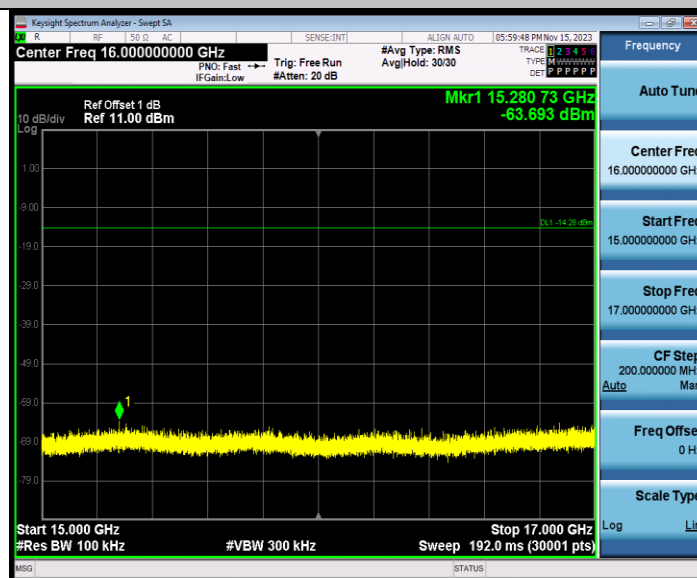
## BLE\_1M\_Ant1\_2480\_11000~13000



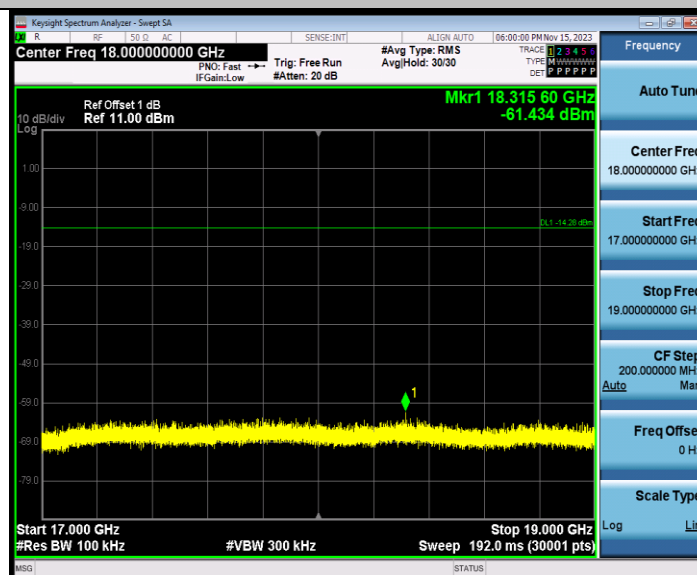
## BLE\_1M\_Ant1\_2480\_13000~15000



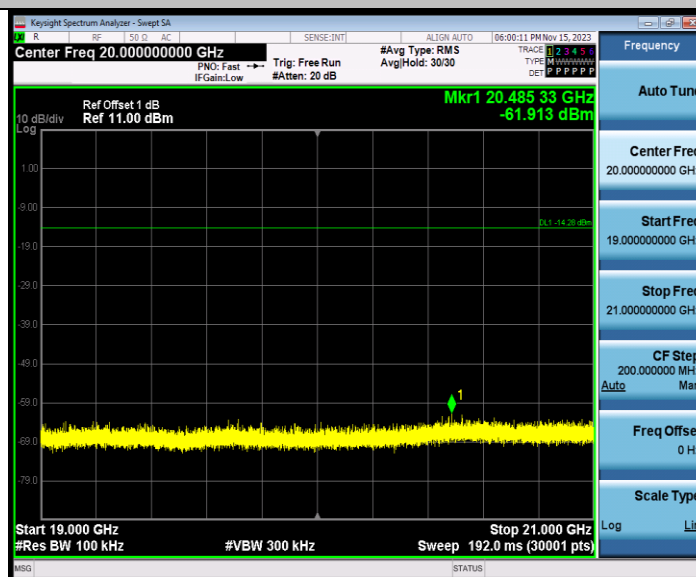
## BLE\_1M\_Ant1\_2480\_15000~17000



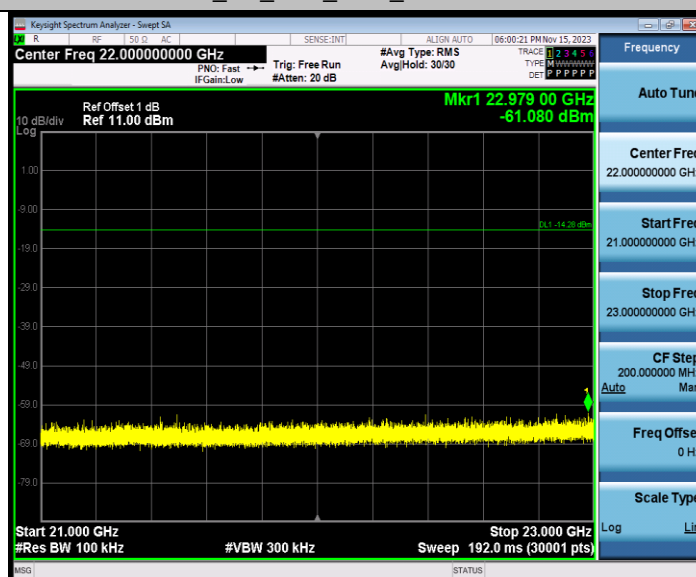
## BLE\_1M\_Ant1\_2480\_17000~19000



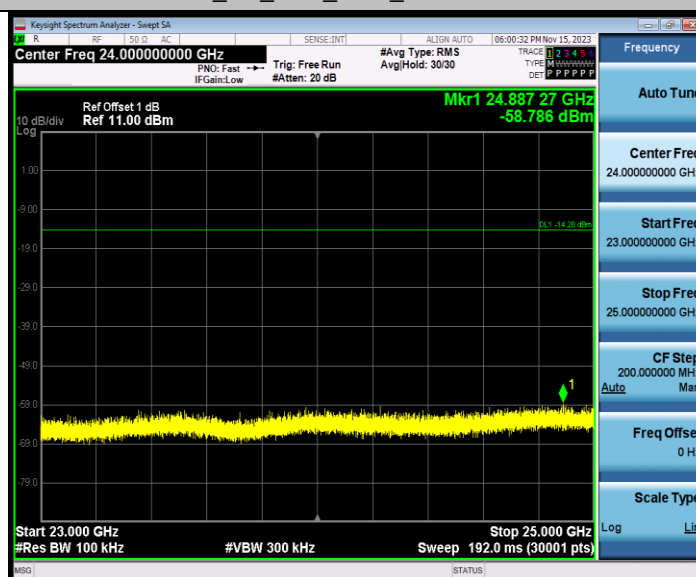
## BLE\_1M\_Ant1\_2480\_19000~21000



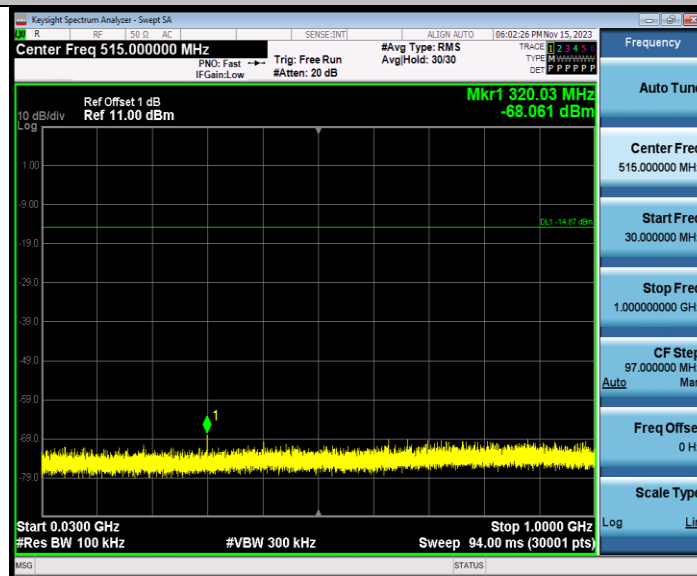
## BLE\_1M\_Ant1\_2480\_21000~23000



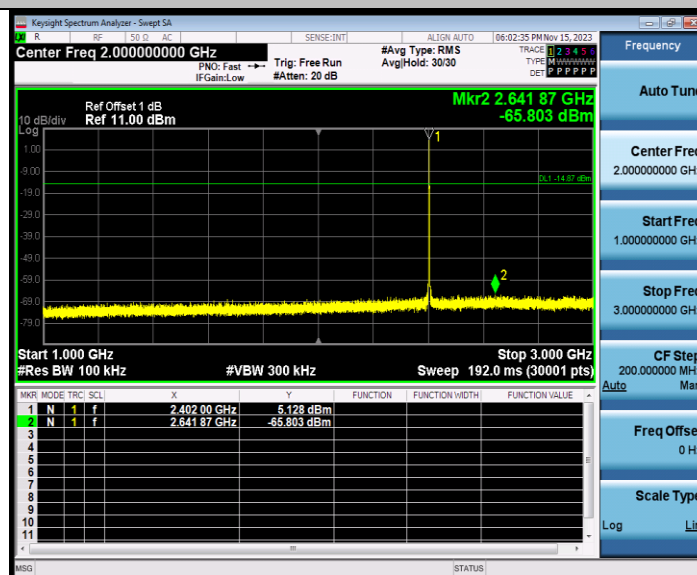
## BLE\_1M\_Ant1\_2480\_23000~25000



## BLE\_2M\_Ant1\_2402\_30~1000



## BLE\_2M\_Ant1\_2402\_1000~3000



## BLE\_2M\_Ant1\_2402\_3000~5000

