



Appendix B: DTS Bandwidth

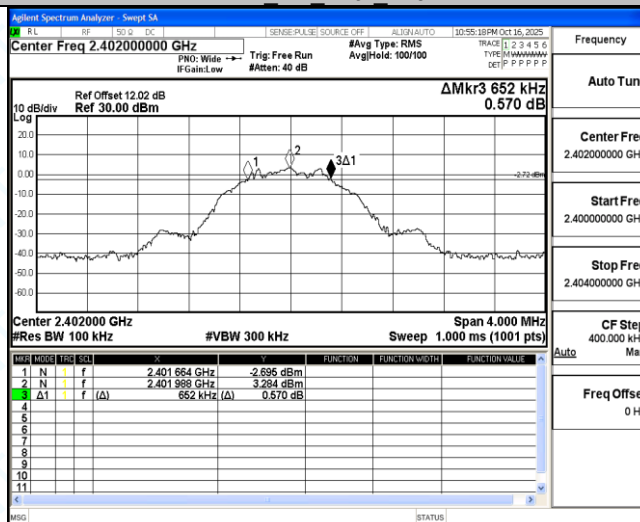
Test Result

| TestMode | Antenna | Freq(MHz) | DTS BW [MHz] | FL[MHz]  | FH[MHz]  | Limit[MHz] | Verdict |
|----------|---------|-----------|--------------|----------|----------|------------|---------|
| BLE_1M   | Ant1    | 2402      | 0.652        | 2401.664 | 2402.316 | 0.5        | PASS    |
|          |         | 2440      | 0.664        | 2439.656 | 2440.320 | 0.5        | PASS    |
|          |         | 2480      | 0.656        | 2479.660 | 2480.316 | 0.5        | PASS    |
| BLE_2M   | Ant1    | 2402      | 1.112        | 2401.436 | 2402.548 | 0.5        | PASS    |
|          |         | 2440      | 1.076        | 2439.436 | 2440.512 | 0.5        | PASS    |
|          |         | 2480      | 1.104        | 2479.432 | 2480.536 | 0.5        | PASS    |

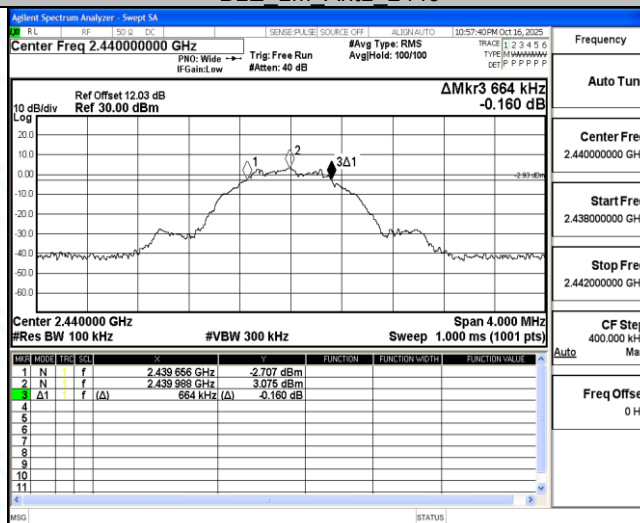


## Test Graphs

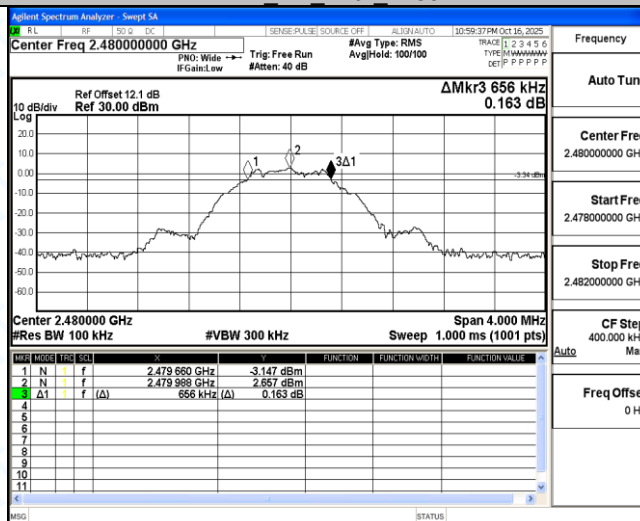
BLE\_1M\_Ant1\_2402



BLE\_1M\_Ant1\_2440

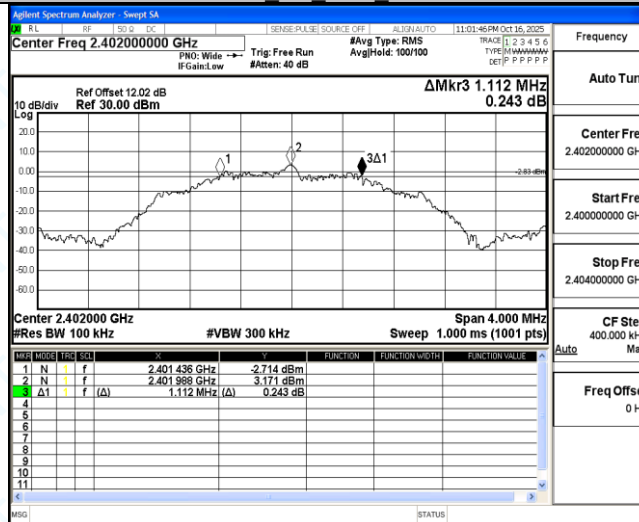


BLE\_1M\_Ant1\_2480

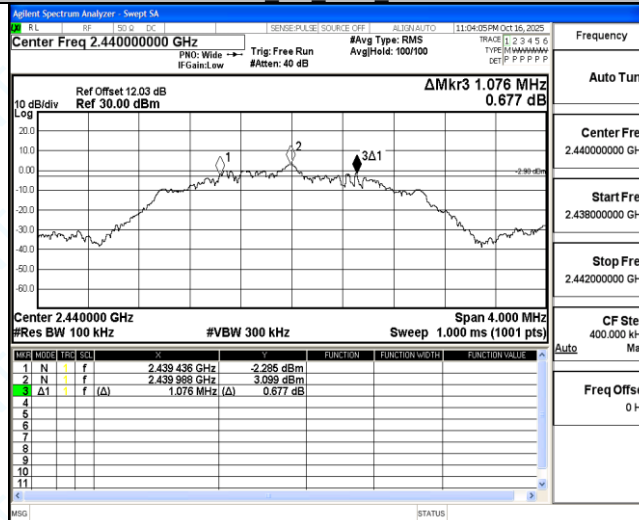




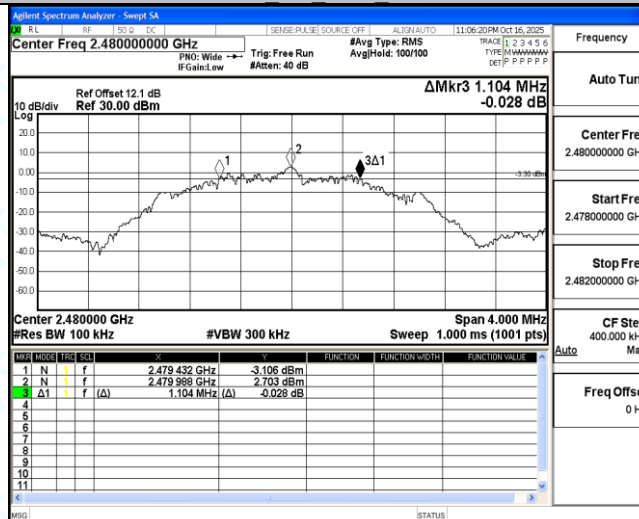
## BLE 2M Ant1 2402



## BLE 2M Ant1 2440



## BLE 2M Ant1 2480





Appendix C: Maximum conducted output power

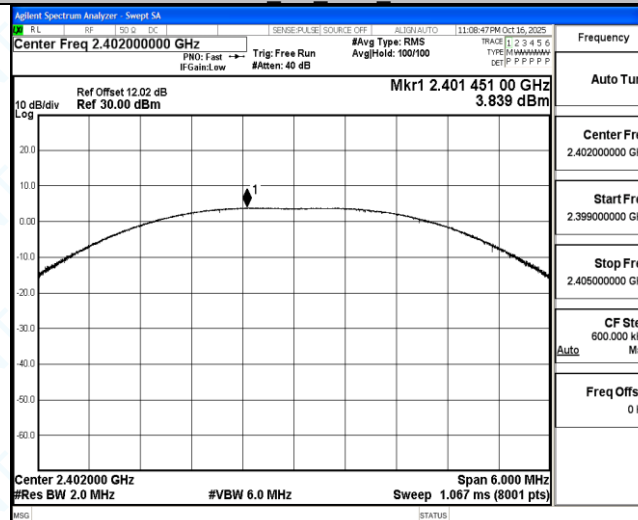
Test Result

| TestMode | Antenna | Freq(MHz) | Conducted Peak Power[dBm] | Conducted Limit[dBm] | Verdict |
|----------|---------|-----------|---------------------------|----------------------|---------|
| BLE_1M   | Ant1    | 2402      | 3.84                      | ≤30                  | PASS    |
|          |         | 2440      | 3.76                      | ≤30                  | PASS    |
|          |         | 2480      | 3.41                      | ≤30                  | PASS    |
| BLE_2M   | Ant1    | 2402      | 3.78                      | ≤30                  | PASS    |
|          |         | 2440      | 3.78                      | ≤30                  | PASS    |
|          |         | 2480      | 3.36                      | ≤30                  | PASS    |

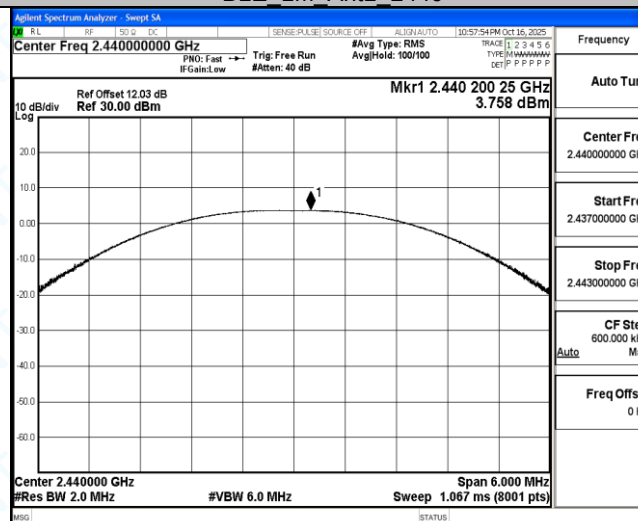


## Test Graphs

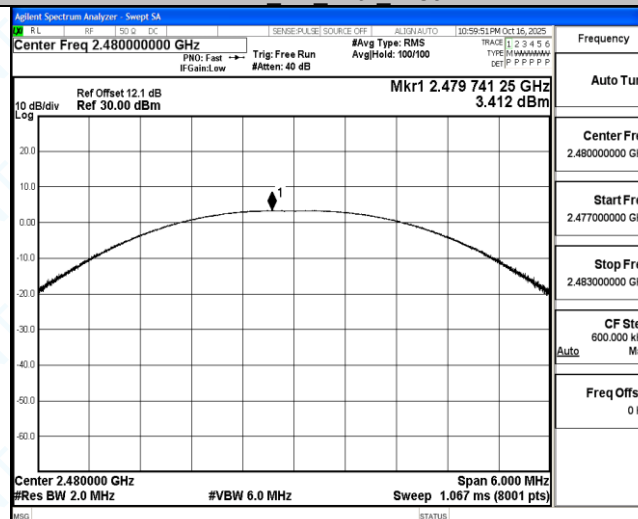
BLE\_1M\_Ant1\_2402



BLE\_1M\_Ant1\_2440

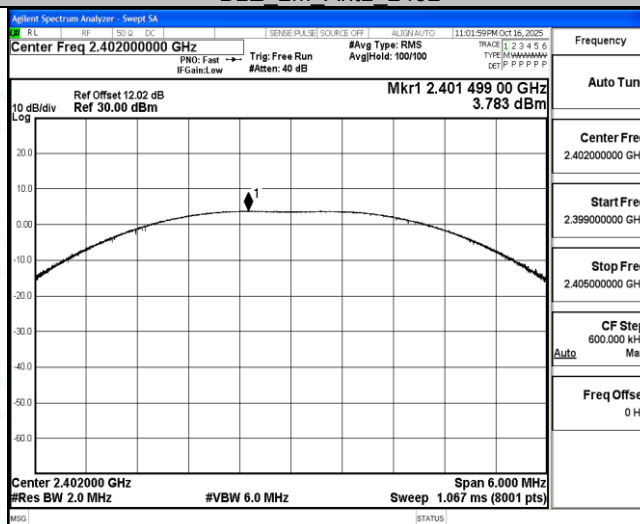


BLE\_1M\_Ant1\_2480

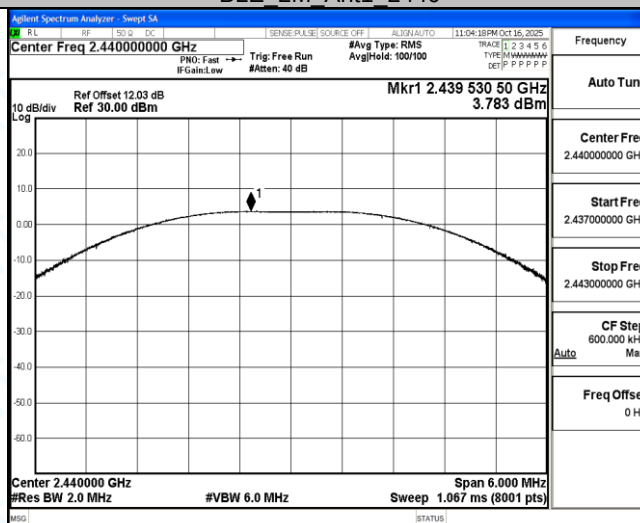




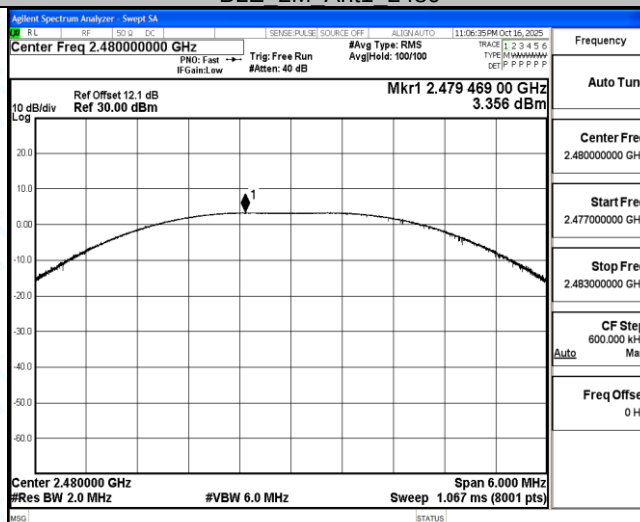
## BLE 2M Ant1 2402



## BLE 2M Ant1 2440



## BLE 2M Ant1 2480





Appendix D: Maximum power spectral density

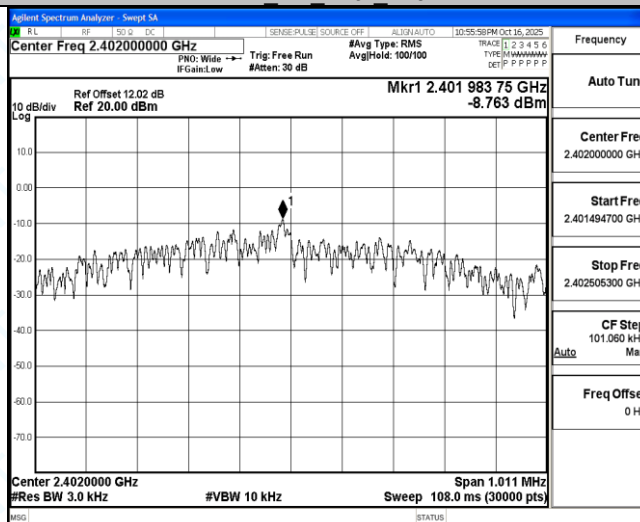
Test Result

| TestMode | Antenna | Freq(MHz) | Result[dBm/3kHz] | Limit[dBm/3kHz] | Verdict |
|----------|---------|-----------|------------------|-----------------|---------|
| BLE_1M   | Ant1    | 2402      | -8.76            | ≤8.00           | PASS    |
|          |         | 2440      | -8.97            | ≤8.00           | PASS    |
|          |         | 2480      | -9.42            | ≤8.00           | PASS    |
| BLE_2M   | Ant1    | 2402      | -13.20           | ≤8.00           | PASS    |
|          |         | 2440      | -13.20           | ≤8.00           | PASS    |
|          |         | 2480      | -13.67           | ≤8.00           | PASS    |

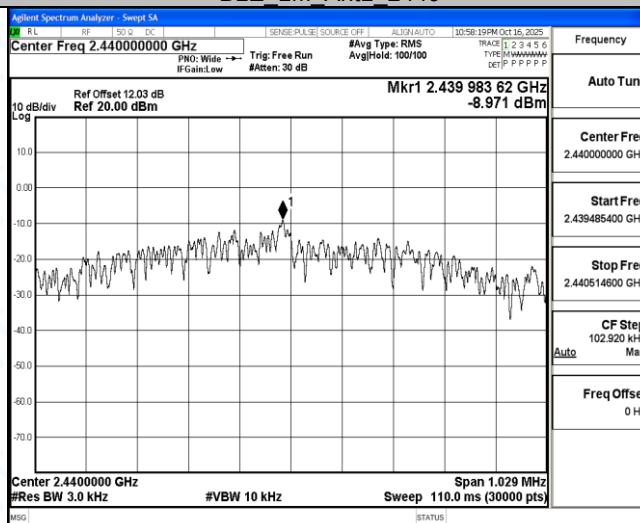


## Test Graphs

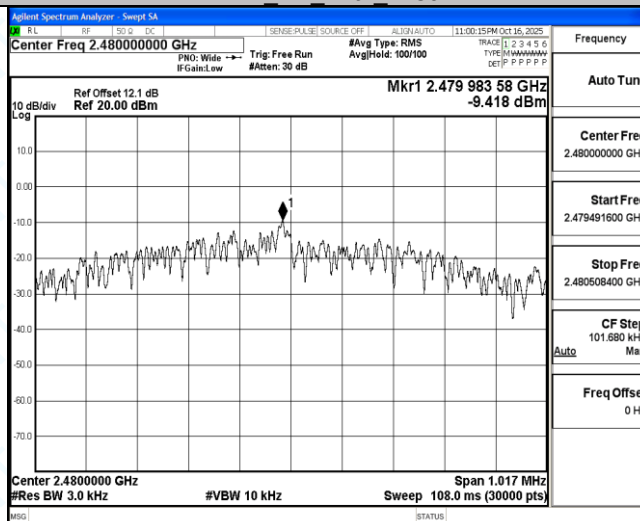
BLE\_1M\_Ant1\_2402



BLE\_1M\_Ant1\_2440

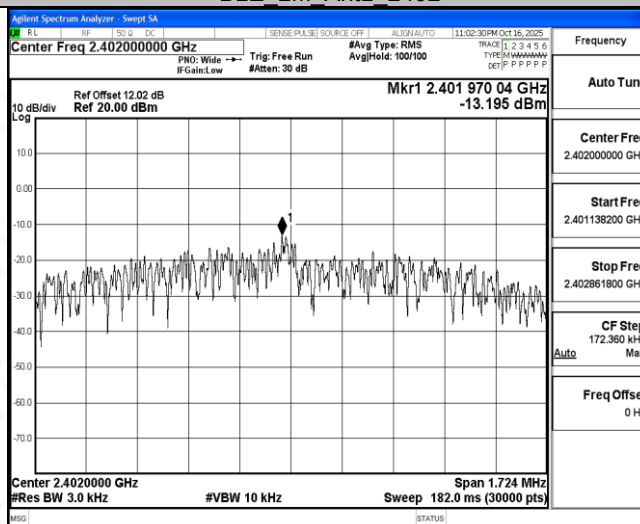


BLE\_1M\_Ant1\_2480

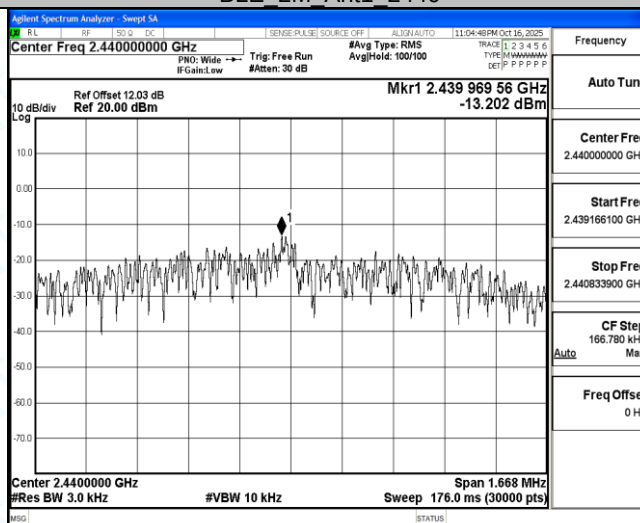




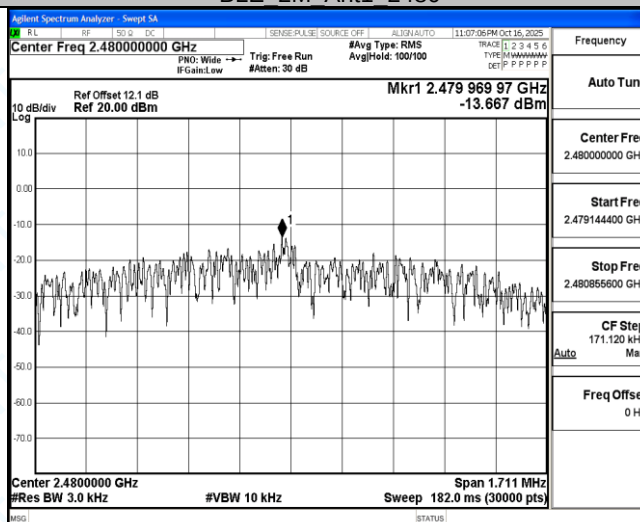
## BLE 2M Ant1 2402



## BLE 2M Ant1 2440



## BLE 2M Ant1 2480





Appendix E: Band edge measurements

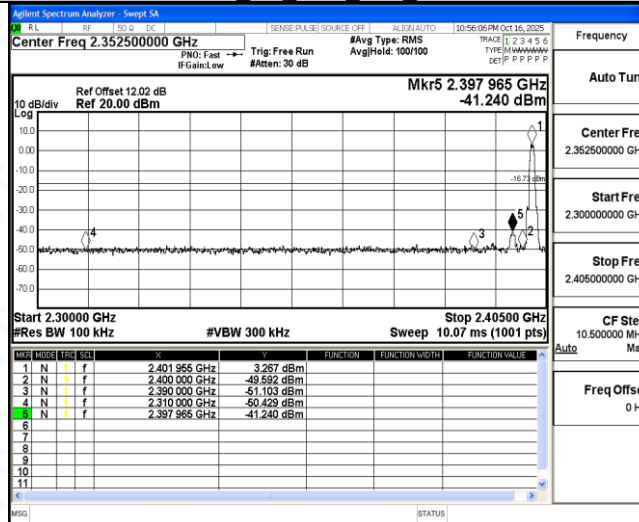
Test Result

| TestMode | Antenna | ChName | Freq(MHz) | RefLevel[dBm] | Result[dBm] | Limit[dBm] | Verdict |
|----------|---------|--------|-----------|---------------|-------------|------------|---------|
| BLE_1M   | Ant1    | Low    | 2402      | 3.27          | -41.24      | ≤-16.73    | PASS    |
|          |         | High   | 2480      | 2.67          | -40.76      | ≤-17.34    | PASS    |
| BLE_2M   | Ant1    | Low    | 2402      | 3.10          | -28.61      | ≤-16.9     | PASS    |
|          |         | High   | 2480      | 2.68          | -41.38      | ≤-17.33    | PASS    |

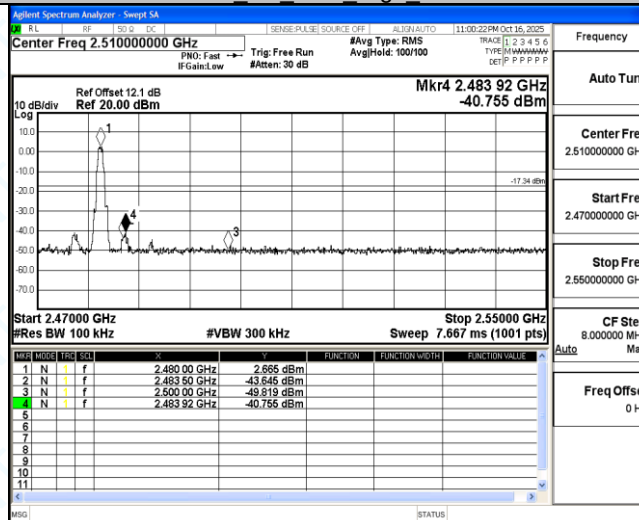


## Test Graphs

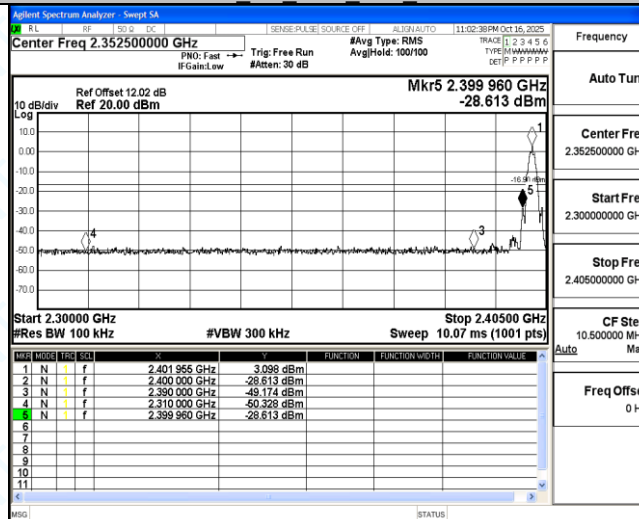
BLE 1M Ant1 Low 2402



BLE 1M Ant1 High 2480

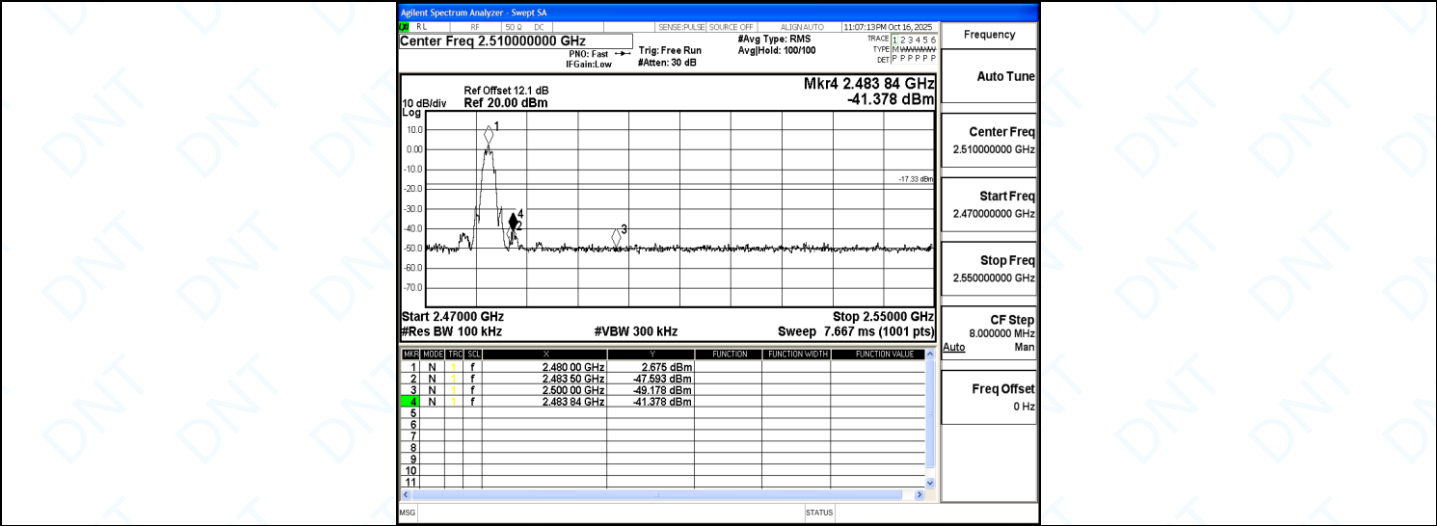


BLE 2M Ant1 Low 2402





BLE\_2M\_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       | 2.67           | 2.67        | ---           | PASS    |
|          |         |           | 30~1000         | 2.67           | -59.21      | $\leq -17.33$ | PASS    |
|          |         |           | 1000~26500      | 2.67           | -49.13      | $\leq -17.33$ | PASS    |
|          |         | 2440      | Reference       | 2.58           | 2.58        | ---           | PASS    |
|          |         |           | 30~1000         | 2.58           | -59.38      | $\leq -17.42$ | PASS    |
|          |         |           | 1000~26500      | 2.58           | -49.28      | $\leq -17.42$ | PASS    |
|          |         | 2480      | Reference       | 1.28           | 1.28        | ---           | PASS    |
|          |         |           | 30~1000         | 1.28           | -59.39      | $\leq -18.72$ | PASS    |
|          |         |           | 1000~26500      | 1.28           | -48.96      | $\leq -18.72$ | PASS    |
| BLE_2M   | Ant1    | 2402      | Reference       | 0.05           | 0.05        | ---           | PASS    |
|          |         |           | 30~1000         | 0.05           | -59         | $\leq -19.95$ | PASS    |
|          |         |           | 1000~26500      | 0.05           | -49.71      | $\leq -19.95$ | PASS    |
|          |         | 2440      | Reference       | 3.09           | 3.09        | ---           | PASS    |
|          |         |           | 30~1000         | 3.09           | -57.93      | $\leq -16.91$ | PASS    |
|          |         |           | 1000~26500      | 3.09           | -20.59      | $\leq -16.91$ | PASS    |
|          |         | 2480      | Reference       | 2.19           | 2.19        | ---           | PASS    |
|          |         |           | 30~1000         | 2.19           | -58.74      | $\leq -17.81$ | PASS    |
|          |         |           | 1000~26500      | 2.19           | -48.84      | $\leq -17.81$ | PASS    |

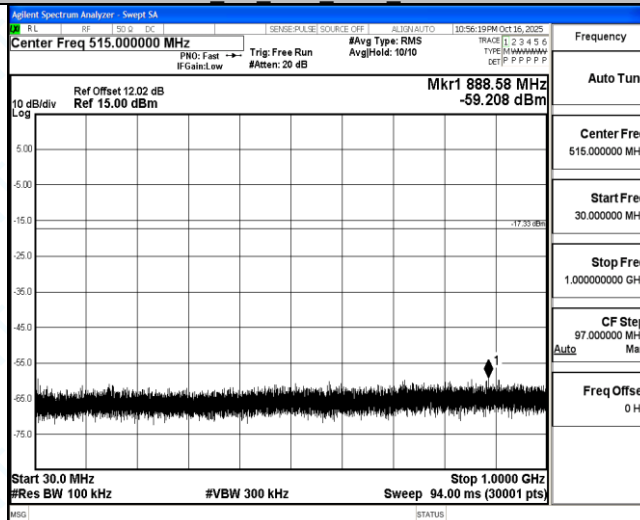


## Test Graphs

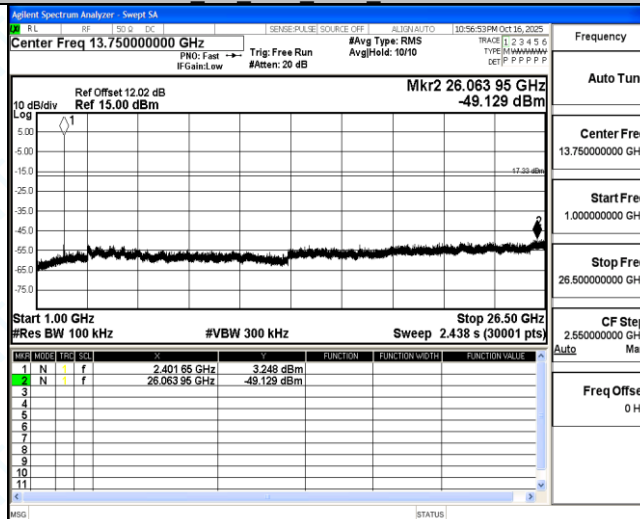
BLE 1M Ant1 2402 0~Reference



BLE 1M Ant1 2402 30~1000

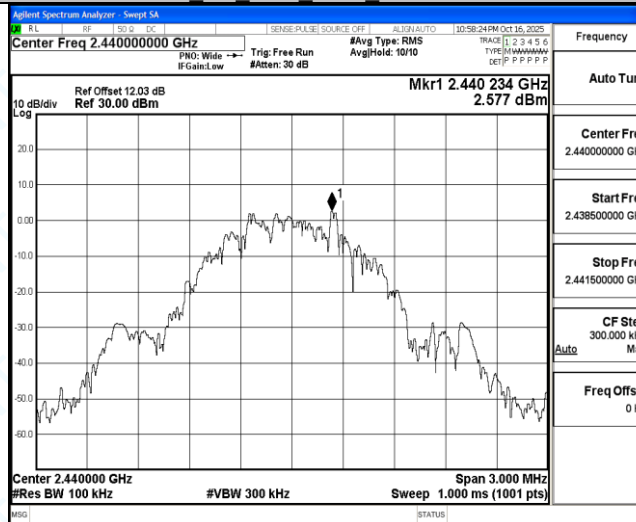


BLE 1M Ant1 2402 1000~26500

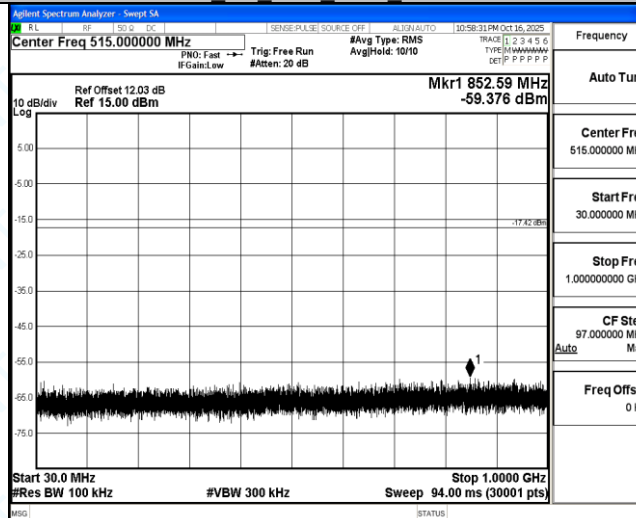




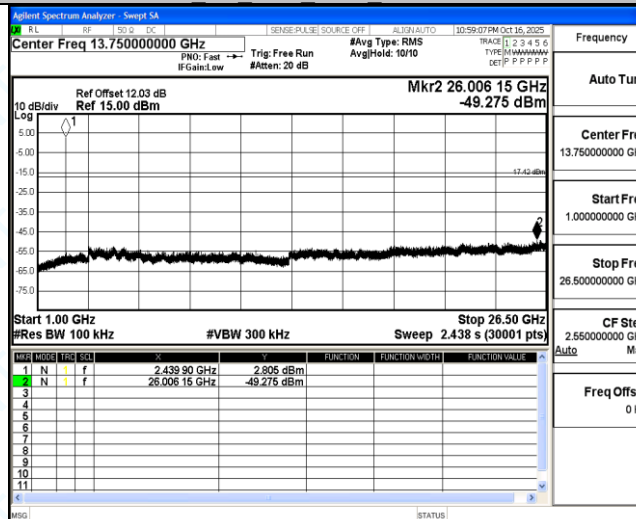
## BLE 1M Ant1 2440 0~Reference



## BLE 1M Ant1 2440 30~1000

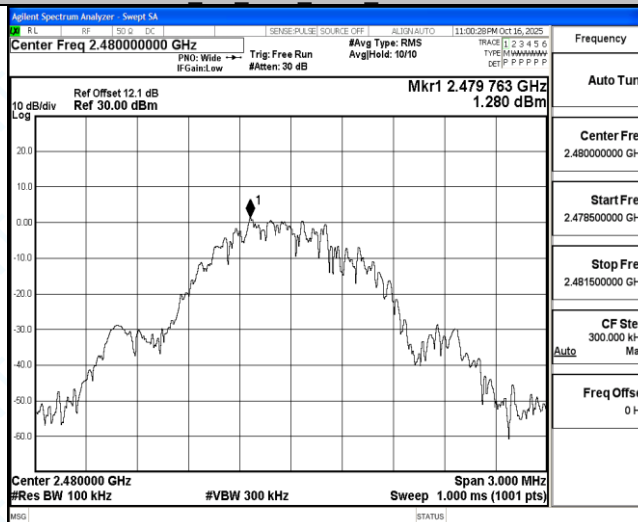


## BLE 1M Ant1 2440 1000~26500

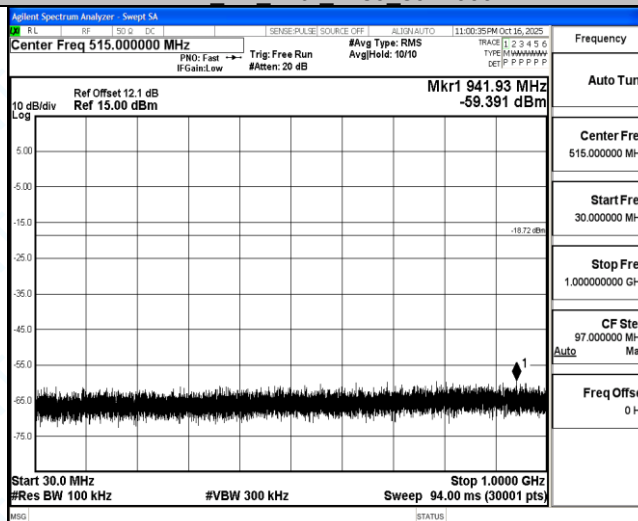




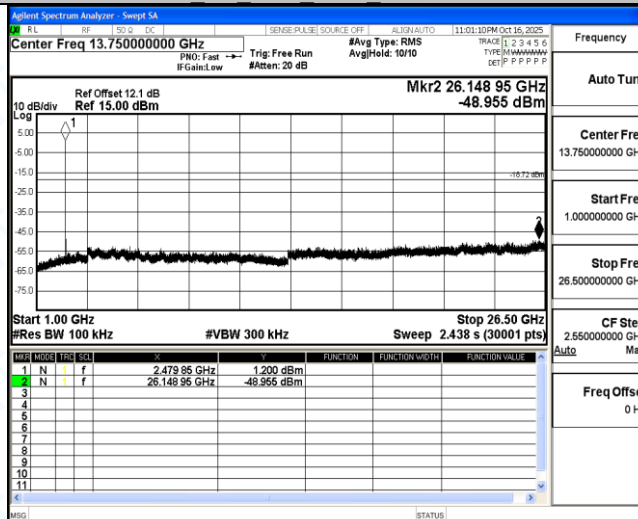
## BLE 1M Ant1 2480 0~Reference



## BLE 1M Ant1 2480 30~1000

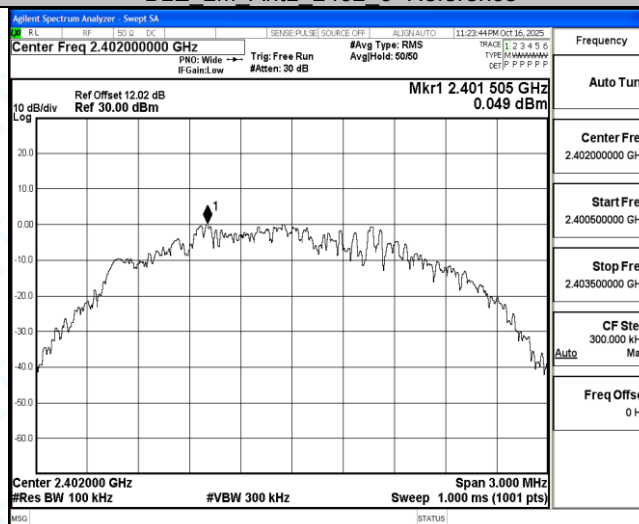


## BLE 1M Ant1 2480 1000~26500

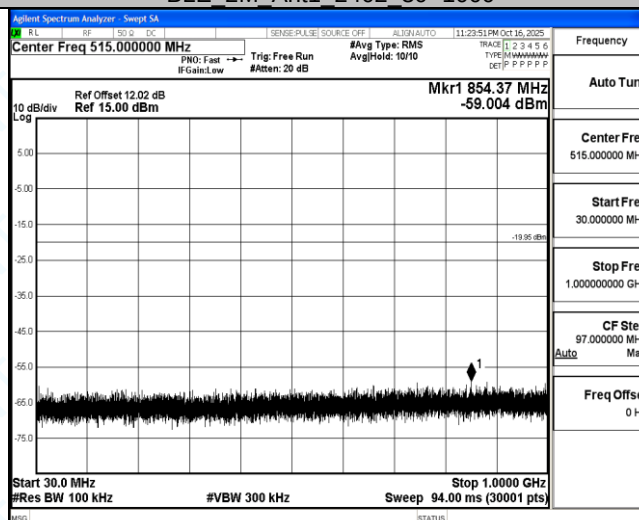




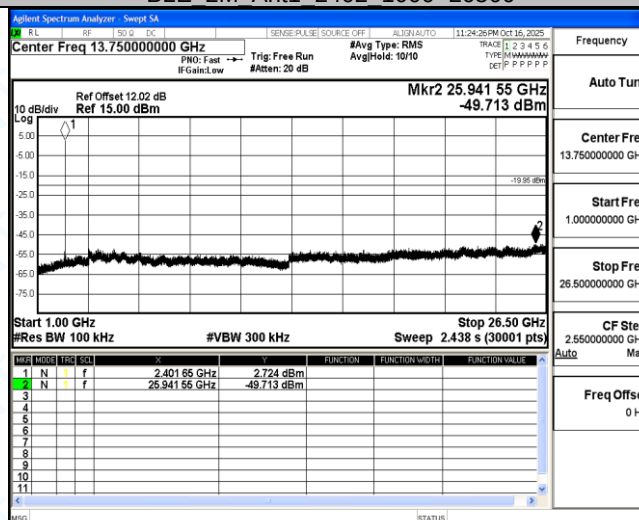
## BLE 2M Ant1 2402 0~Reference



## BLE 2M Ant1 2402 30~1000

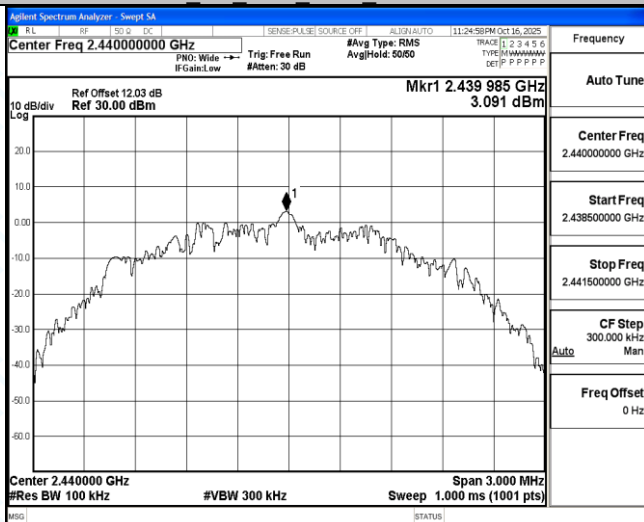


## BLE 2M Ant1 2402 1000~26500

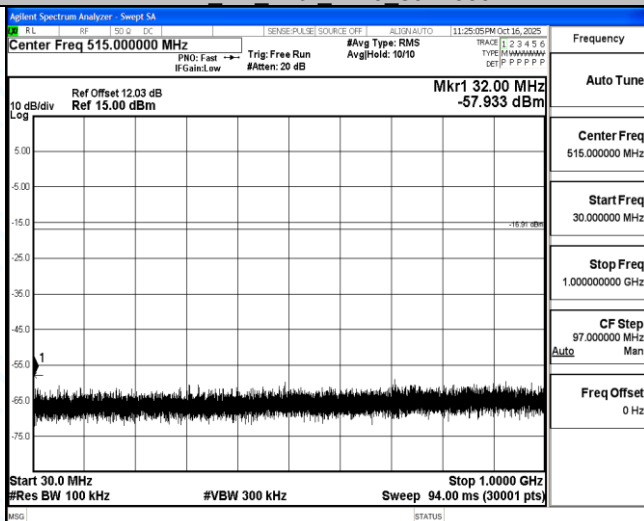




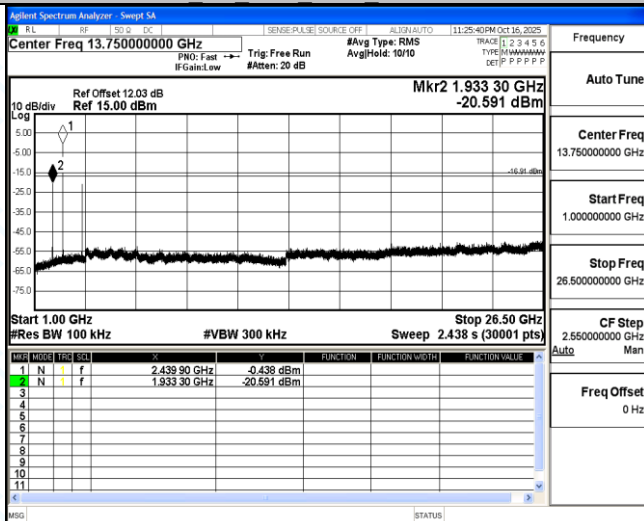
## BLE 2M Ant1 2440 0~Reference



## BLE 2M Ant1 2440 30~1000

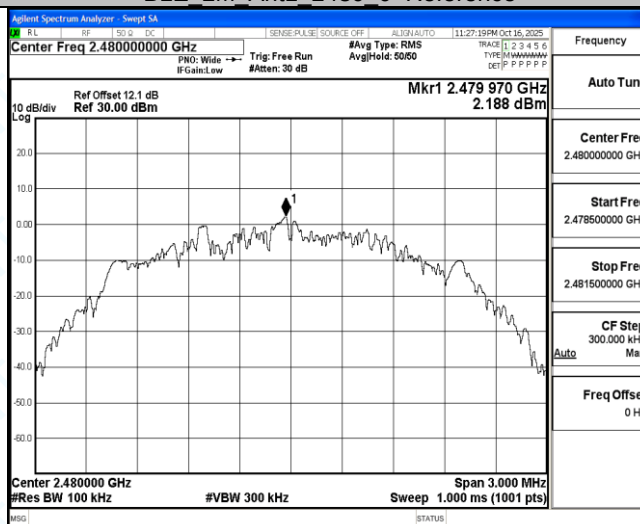


## BLE 2M Ant1 2440 1000~26500

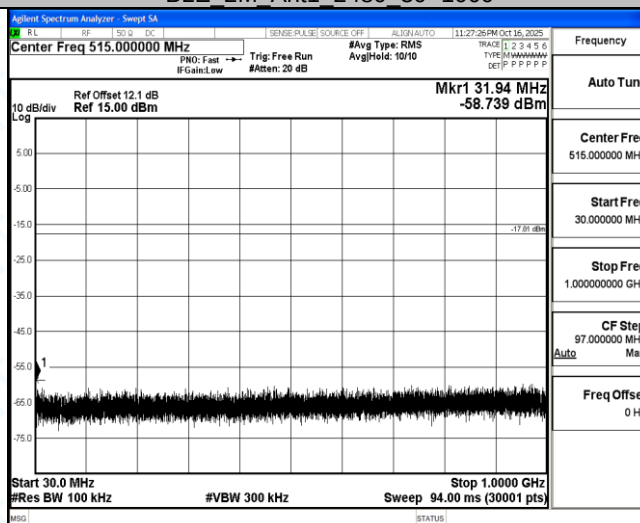




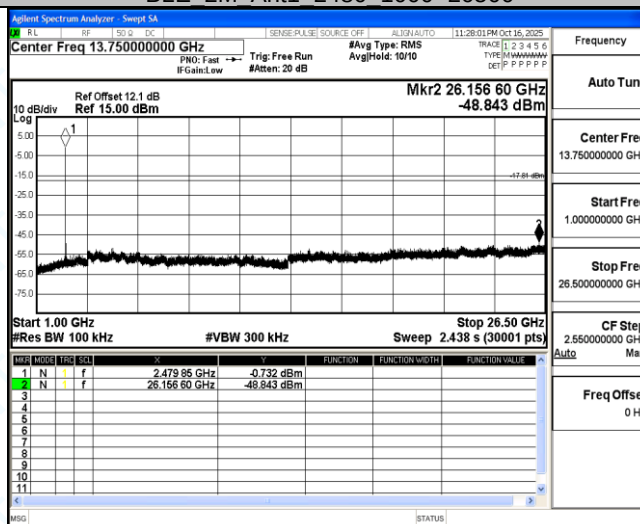
## BLE 2M Ant1 2480 0~Reference



## BLE 2M Ant1 2480 30~1000



## BLE 2M Ant1 2480 1000~26500



The End Report

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