

|                                                                       |                                         |
|-----------------------------------------------------------------------|-----------------------------------------|
| <b>Case No. :</b> <u>GTS20230202009-1-35</u>                          |                                         |
| <b>Ambient Condition:</b> <u>25</u> °C, <u>45</u> %RH, Atmos100.1Kpa, |                                         |
| <b>Test Date:</b> <u>2023.2.23</u>                                    | <b>Test Engineer:</b> <u>Jenny zeng</u> |

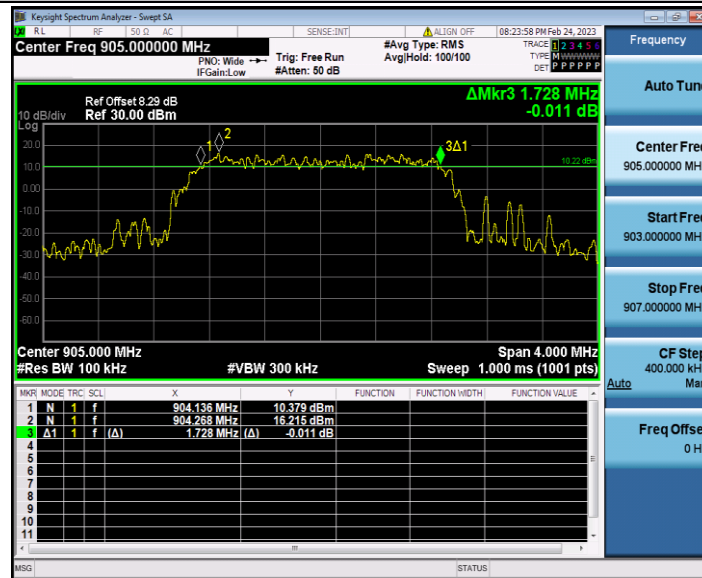
## Appendix B.1: DTS Bandwidth

### Test Result

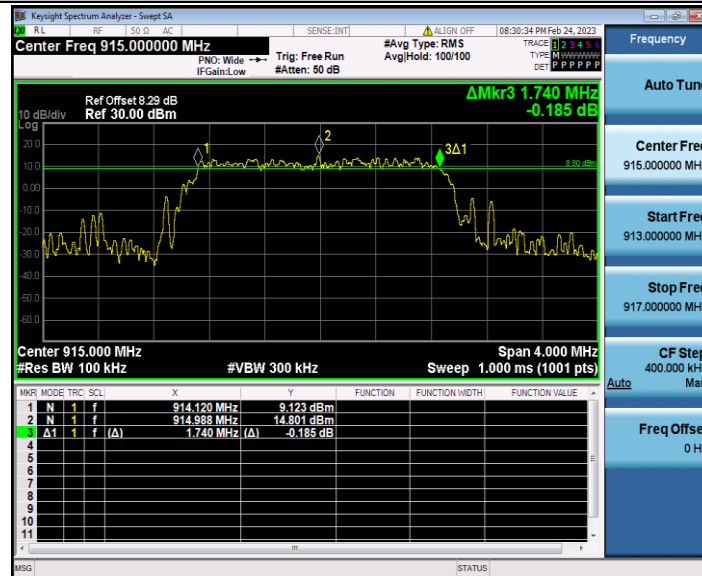
| TestMode | Antenna | Frequency[MHz] | DTS BW [MHz] | FL[MHz] | FH[MHz] | Limit[MHz] | Verdict |
|----------|---------|----------------|--------------|---------|---------|------------|---------|
| SRD      | Ant1    | 905            | 1.728        | 904.136 | 905.864 | 0.5        | PASS    |
|          |         | 915            | 1.740        | 914.120 | 915.860 | 0.5        | PASS    |
|          |         | 925            | 1.784        | 924.088 | 925.872 | 0.5        | PASS    |

## Test Graphs

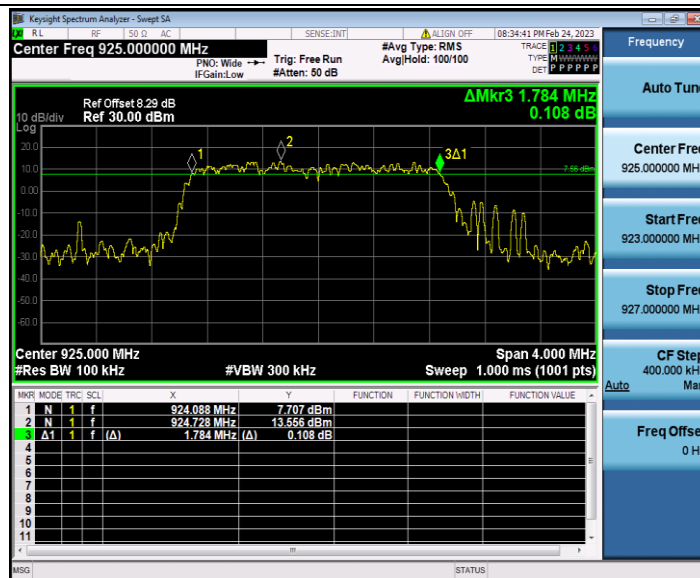
SRD\_Ant1\_905



SRD\_Ant1\_915



SRD\_Ant1\_925



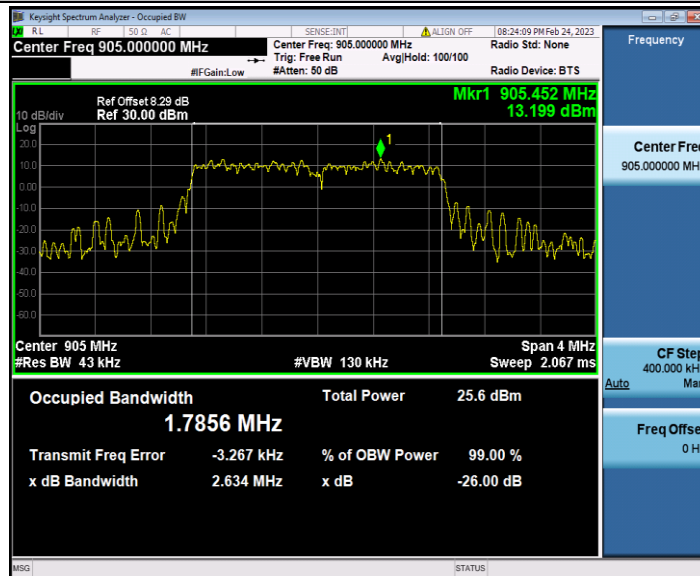
**Appendix B.2: Occupied Channel Bandwidth**

**Test Result**

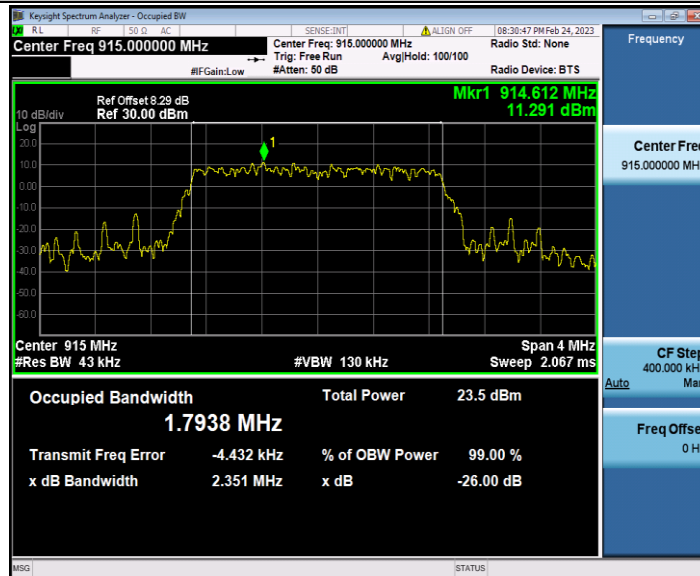
| TestMode | Antenna | Frequency[MHz] | OCB [MHz] | FL[MHz] | FH[MHz] | Limit[MHz] | Verdict |
|----------|---------|----------------|-----------|---------|---------|------------|---------|
| SRD      | Ant1    | 905            | 1.7856    | 904.104 | 905.890 | ---        | ---     |
|          |         | 915            | 1.7938    | 914.099 | 915.892 | ---        | ---     |
|          |         | 925            | 1.7937    | 924.102 | 925.896 | ---        | ---     |

## Test Graphs

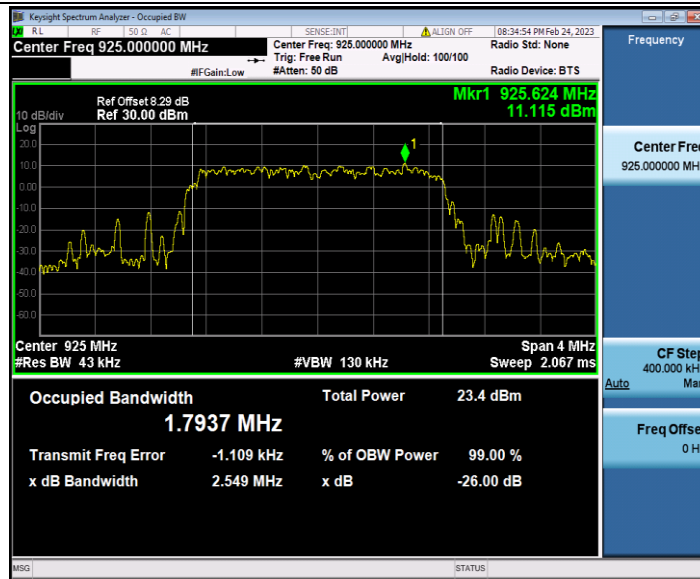
SRD\_Ant1\_905



SRD\_Ant1\_915



SRD\_Ant1\_925



**Appendix B.3: Maximum conducted output power**

**Test Result Peak**

| TestMode | Antenna | Frequency[MHz] | Conducted Peak Power[dBm] | Conducted Limit[dBm] | Verdict |
|----------|---------|----------------|---------------------------|----------------------|---------|
| SRD      | Ant1    | 905            | 27.89                     | ≤30                  | PASS    |
|          |         | 915            | 27.23                     | ≤30                  | PASS    |
|          |         | 925            | 27.55                     | ≤30                  | PASS    |

**Appendix B.4: Maximum power spectral density**

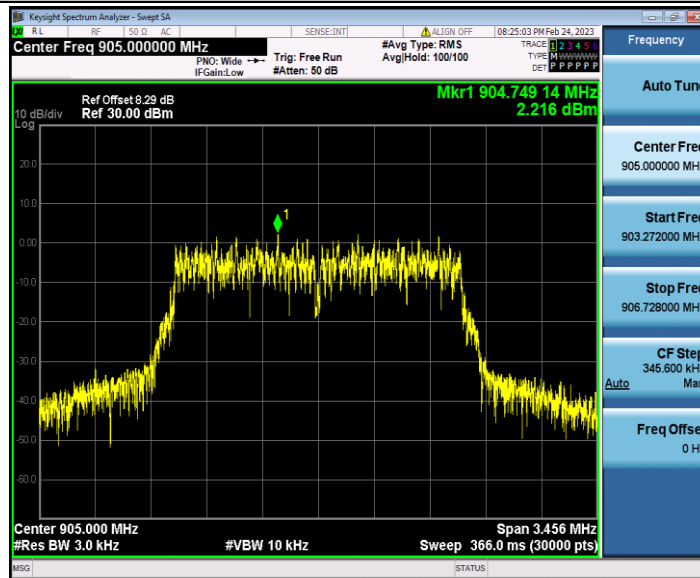
**Test Result**

| TestMode | Antenna | Frequency[MHz] | Result[dBm/3kHz] | Limit[dBm/3kHz] | Verdict |
|----------|---------|----------------|------------------|-----------------|---------|
| SRD      | Ant1    | 905            | 2.22             | ≤8              | PASS    |
|          |         | 915            | 2.48             | ≤8              | PASS    |
|          |         | 925            | 2.35             | ≤8              | PASS    |

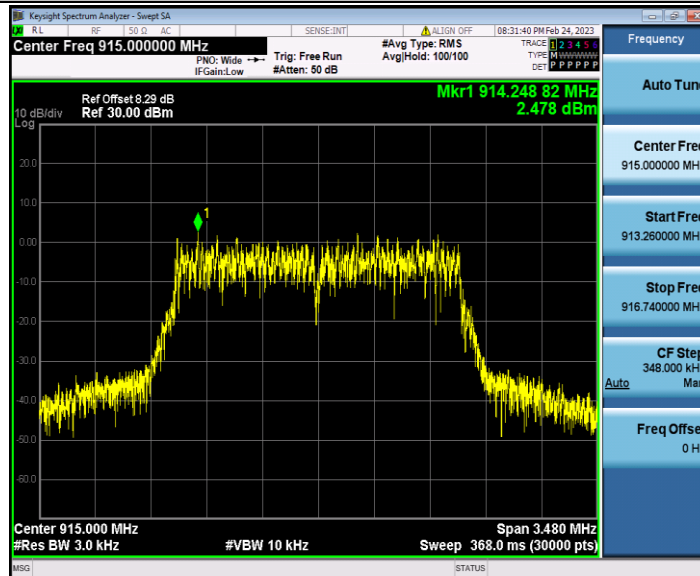


## Test Graphs

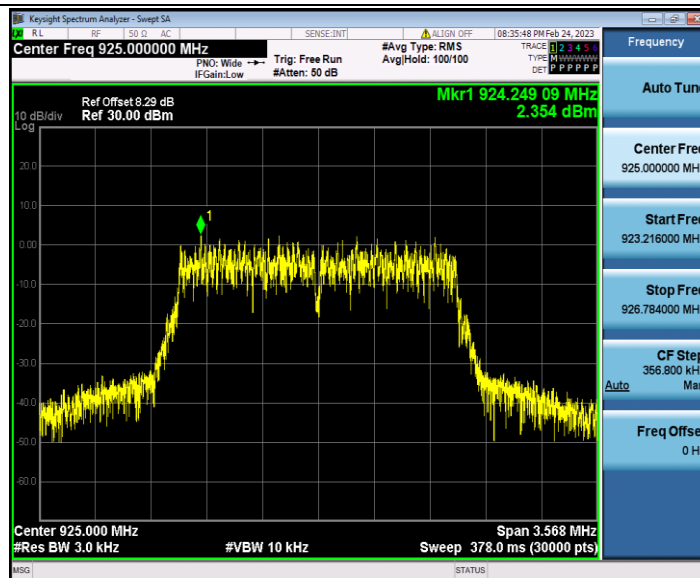
SRD\_Ant1\_905



SRD\_Ant1\_915



SRD\_Ant1\_925



Appendix A.6: Band edge measurements

Test Result

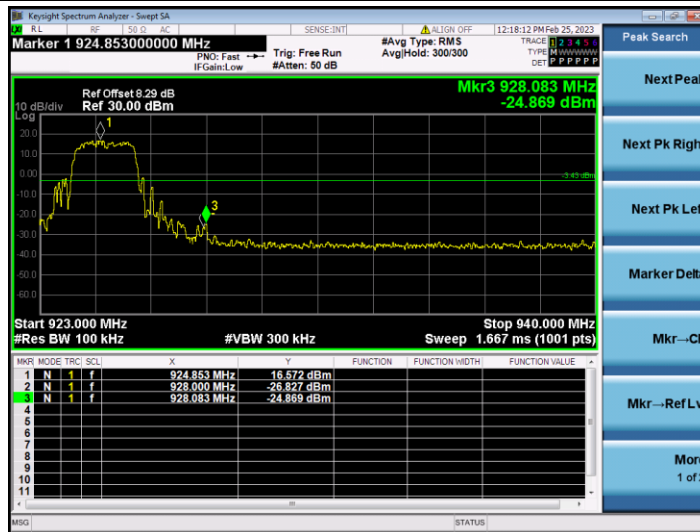
| TestMode | Antenna | ChName | Frequency[MHz] | RefLevel[dBm] | Result[dBm] | Limit[dBm] | Verdict |
|----------|---------|--------|----------------|---------------|-------------|------------|---------|
| SRD      | Ant1    | Low    | 905            | 15.08         | -28.88      | ≤-4.92     | PASS    |
|          |         | High   | 925            | 16.57         | -24.87      | ≤-3.43     | PASS    |

## Test Graphs

SRD\_Ant1\_Low\_905



SRD\_Ant1\_High\_925



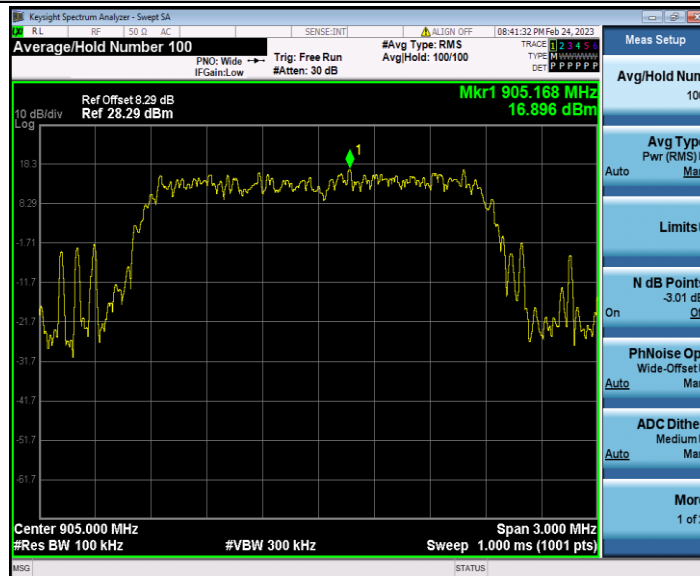
## Appendix B.6: Conducted Spurious Emission

### Test Result

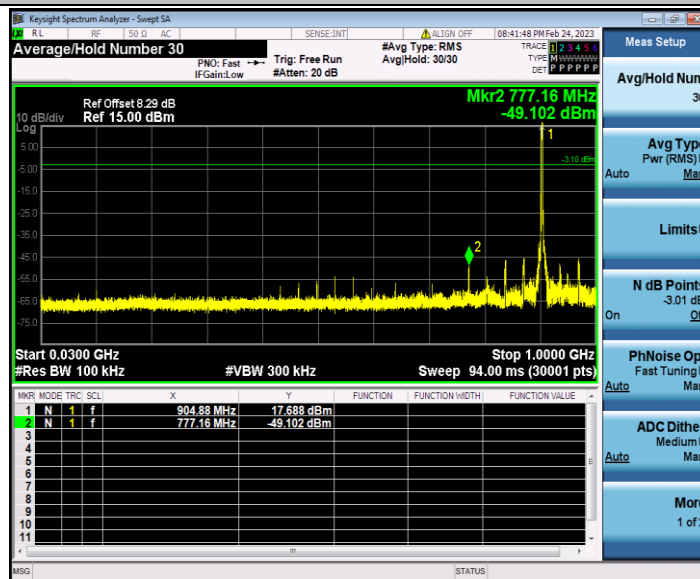
| TestMode | Antenna | Frequency[MHz] | FreqRange [MHz] | RefLevel [dBm] | Result[dBm] | Limit[dBm]   | Verdict |
|----------|---------|----------------|-----------------|----------------|-------------|--------------|---------|
| SRD      | Ant1    | 905            | Reference       | 16.90          | 16.90       | ---          | PASS    |
|          |         |                | 30~1000         | 16.90          | -49.1       | $\leq -3.1$  | PASS    |
|          |         |                | 1000~26500      | 16.90          | -38.43      | $\leq -3.1$  | PASS    |
|          |         | 915            | Reference       | 17.76          | 17.76       | ---          | PASS    |
|          |         |                | 30~1000         | 17.76          | -47.69      | $\leq -2.24$ | PASS    |
|          |         |                | 1000~26500      | 17.76          | -36.42      | $\leq -2.24$ | PASS    |
|          |         | 925            | Reference       | 17.20          | 17.20       | ---          | PASS    |
|          |         |                | 30~1000         | 17.20          | -48.86      | $\leq -2.8$  | PASS    |
|          |         |                | 1000~26500      | 17.20          | -39.03      | $\leq -2.8$  | PASS    |

## Test Graphs

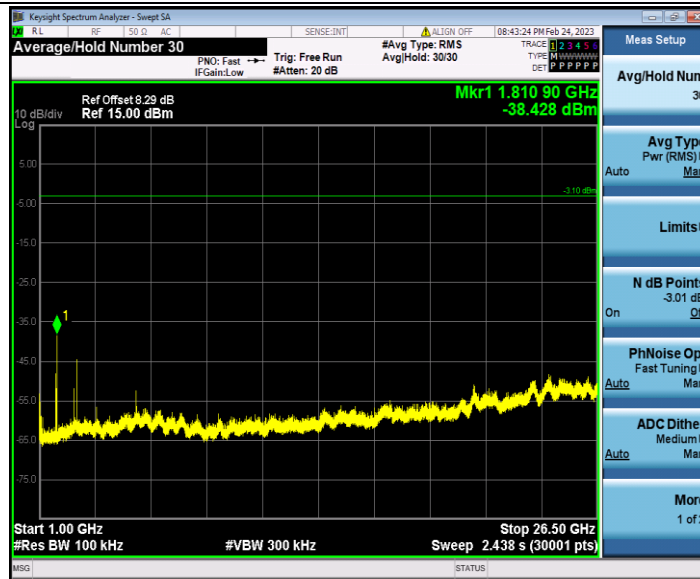
SRD\_Ant1\_905\_0~Reference



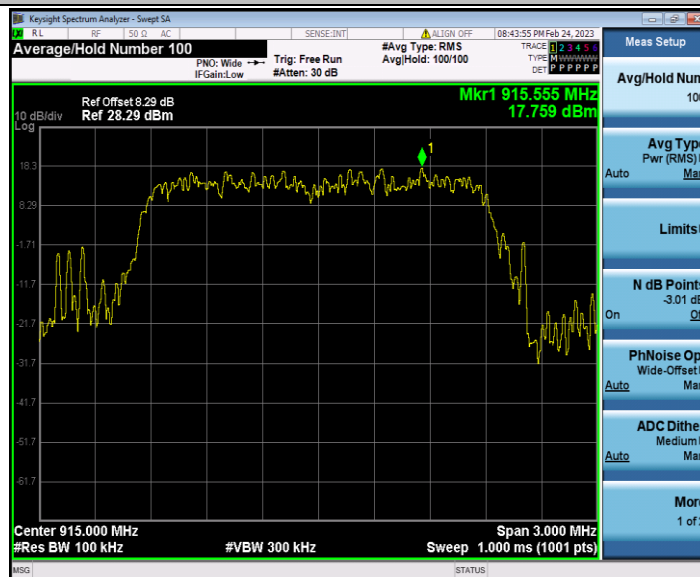
SRD\_Ant1\_905\_30~1000



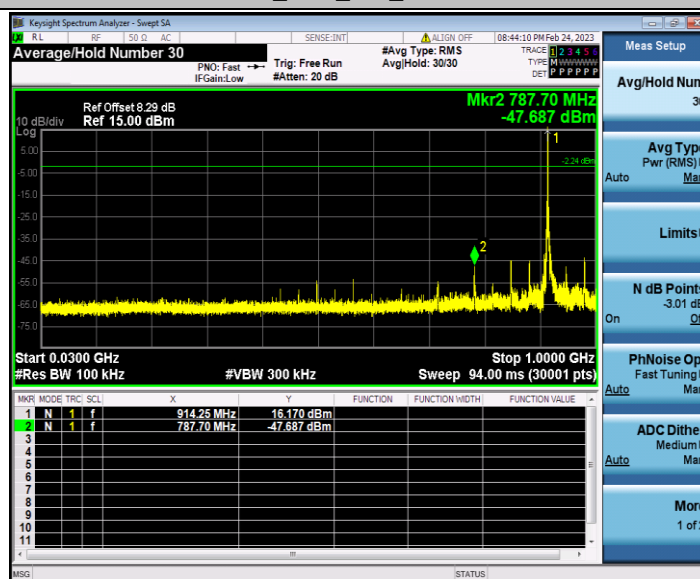
SRD\_Ant1\_905\_1000~26500



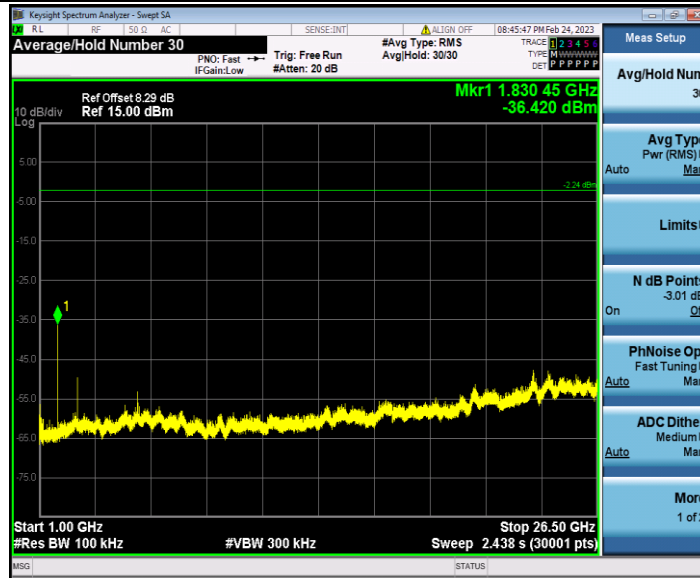
SRD\_Ant1\_915\_0~Reference



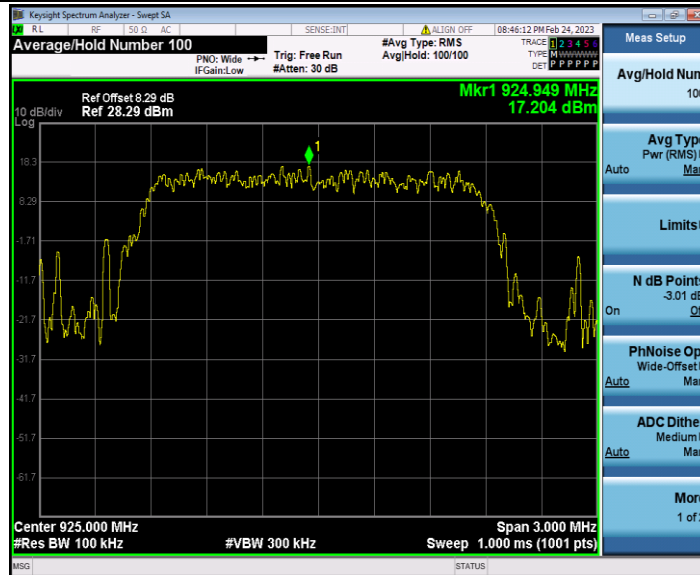
SRD\_Ant1\_915\_30~1000



# SRD\_Ant1\_915\_1000~26500

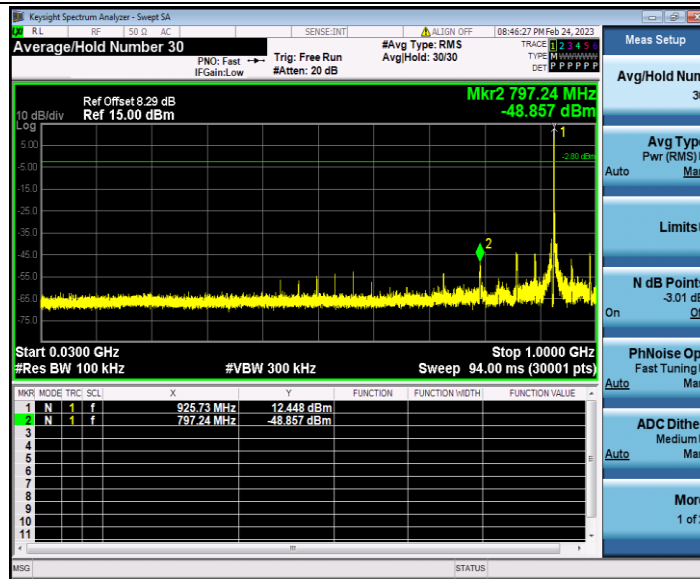


# SRD\_Ant1\_925\_0~Reference



# SRD\_Ant1\_925\_30~1000





SRD\_Ant1\_925\_1000~26500

