



# FCC Part 96.47 TEST REPORT

FCC ID : UZ7TCW01G  
Equipment : Touch Computer  
Brand Name : ZEBRA  
Model Name : TCW01G  
Applicant : Zebra Technologies Corporation  
3 Overlook Point, Lincolnshire, IL 60069 USA  
Manufacturer : Zebra Technologies Corporation  
3 Overlook Point, Lincolnshire, IL 60069 USA  
Standard : FCC Part 96.47  
RF Interface : NR n48

The product was received on Dec. 24, 2025, and testing was performed from Jan. 22, 2026 to Jan. 22, 2026. We, Sporton International Inc. Wensan Laboratory, would like to declare that the tested sample has been evaluated in accordance with the test procedures and has been in compliance with the applicable technical standards.

The test results in this report apply exclusively to the tested model / sample. Without written approval of Sporton International Inc. Wensan Laboratory, the test report shall not be reproduced except in full.



Approved by: Jones Tsai

**Sporton International Inc. Wensan Laboratory**

No.58, Aly. 75, Ln. 564, Wenhua 3rd, Rd., Guishan Dist., Taoyuan City 333010, Taiwan (R.O.C)



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## History of this test report

| Report No.   | Version | Description             | Issue Date    |
|--------------|---------|-------------------------|---------------|
| FG5N0611-01F | 01      | Initial issue of report | Apr. 23, 2026 |
|              |         |                         |               |
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## Summary of Test Result

| Report Clause | Ref Std. Clause | Test Items                             | Result (PASS/FAIL) | Remark |
|---------------|-----------------|----------------------------------------|--------------------|--------|
| 3             | 96.47           | End User Device additional requirement | Pass               | -      |

**Conformity Assessment Condition:**

The test results (PASS/FAIL) with all measurement uncertainty excluded are presented against the regulation limits or in accordance with the requirements stipulated by the applicant/manufacture who shall bear all the risks of non-compliance that may potentially occur if measurement uncertainty is taken into account.

**Comments and Explanations:**

The product specifications of the EUT presented in the test report that may affect the test assessments are declared by the manufacturer who shall take full responsibility for the authenticity.

**Reviewed by: Wei Chen**

**Report Producer: Freda Wu**



# 1 General Description

## 1.1 Product Feature of Equipment Under Test

| Product Feature                 |                                                                                                                                                                                                           |
|---------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Equipment                       | Touch Computer                                                                                                                                                                                            |
| Brand Name                      | ZEBRA                                                                                                                                                                                                     |
| Model Name                      | TCW01G                                                                                                                                                                                                    |
| FCC ID                          | UZ7TCW01G                                                                                                                                                                                                 |
| EUT supports Radios application | GSM/WCDMA/LTE/5G NR/NFC/GNSS/RFID<br>WLAN 11a/b/g/n HT20/HT40<br>WLAN 11ac VHT20/VHT40/VHT80/VHT160<br>WLAN 11ax HE20/HE40/HE80/HE160<br>WLAN 11be EHT20/EHT40/EHT80/EHT160/EHT320<br>Bluetooth BR/EDR/LE |
| HW Version                      | EV1                                                                                                                                                                                                       |
| SW Version                      | 15-12-29.00-VG-U00-PRD-ERS-04                                                                                                                                                                             |
| FW Version                      | FUSION_QA_7_1.3.0.002_V                                                                                                                                                                                   |
| MFD                             | 15NOV25                                                                                                                                                                                                   |
| EUT Stage                       | Identical Prototype                                                                                                                                                                                       |

Remark: The EUT's information above is declared by manufacturer.

### <Sample Information>

| Sample 1                   | Sample 2                 | Sample 3                     | Sample 4                   |
|----------------------------|--------------------------|------------------------------|----------------------------|
| Basic + SE4730<br>SKU 1_NA | Basic + SE55<br>SKU 3_NA | Premium + SE4730<br>SKU 5_NA | Premium + SE55<br>SKU 6_NA |

| Specification of Accessories                                     |            |       |             |                    |
|------------------------------------------------------------------|------------|-------|-------------|--------------------|
| AC Adapter 1                                                     | Brand Name | Zebra | Part Number | PWR-WUA5V12W0US    |
| Battery 1 (1x)                                                   | Brand Name | Zebra | Part Number | BT-000473-0020     |
| Battery 2 (1.5x)                                                 | Brand Name | Zebra | Part Number | BT-000473-0820     |
| USB TYPE A to TYPE C cable                                       | Brand Name | Zebra | Part Number | CBL-TC2X-USBC-01   |
| USB TYPE C to TYPE C cable                                       | Brand Name | Zebra | Part Number | CBL-EC5X-USBC3A-01 |
| PTT Headset with USB-C connector                                 | Brand Name | Zebra | Part Number | HDST-USBC-PTT1-01  |
| PTT and VoIP headset with 3.5mm standard jack.                   | Brand Name | Zebra | Part Number | HDST-35MM-PTVP-02  |
| USB-C to 3.5mm adapter cable                                     | Brand Name | Zebra | Part Number | ADP-USBC-35MM1-01  |
| HS2100 rugged wired headset                                      | Brand Name | Zebra | Part Number | HS2100-BTN-LSB     |
| HS2100 Headset Cable for connecting the HS2100 Headset via 3.5mm | Brand Name | Zebra | Part Number | CBL-HS2100-3MS1-01 |
| Rugged boot                                                      | Brand Name | Zebra | Part Number | SG-TC2L-BOOT-01    |
| Handstrap                                                        | Brand Name | Zebra | Part Number | SG-TC2L-HSTRP1-01  |
| Trigger Handle                                                   | Brand Name | Zebra | Part Number | CRG-TC2L-SNP1-01   |
| Arm Mounts                                                       | Brand Name | Zebra | Part Number | SG-TC2L-ARMNT-01   |
| Soft Holster                                                     | Brand Name | Zebra | Part Number | SG-TC2L-HLSTR1-01  |
| HS3100 rugged Bluetooth headset                                  | Brand Name | Zebra | Part Number | HS3100-OTH         |



## 1.2 Modification of EUT

No modifications are made to the EUT during the entire test sessions.

## 1.3 Testing Laboratory

|                           |                                                                                                                                                  |
|---------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Test Site</b>          | Sporton International Inc. Wensan Laboratory                                                                                                     |
| <b>Test Site Location</b> | No.58, Aly. 75, Ln. 564, Wenhua 3rd, Rd., Guishan Dist.,<br>Taoyuan City 333010, Taiwan (R.O.C.)<br>TEL: +886-3-327-0868<br>FAX: +886-3-327-0855 |
| <b>Test Site No.</b>      | <b>Sporton Site No.</b><br>TH05-HY                                                                                                               |
| <b>Test Engineer</b>      | Alston Tsai                                                                                                                                      |
| <b>Temperature</b>        | 22 ~ 24 °C                                                                                                                                       |
| <b>Relative Humidity</b>  | 42 ~ 47 %                                                                                                                                        |

FCC designation No.: TW3786

## 1.4 Applicable Standards

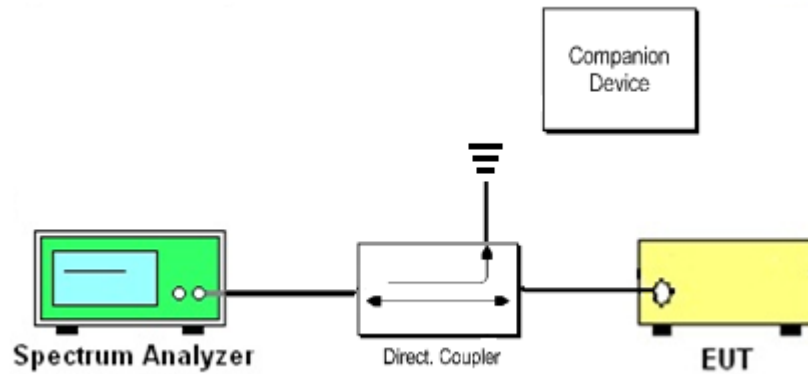
- ♦ FCC Part 96.47
- ♦ FCC KDB 940660 D01 Part 96 CBRS Eqpt v03
- ♦ WINNF-TS-0122-V1.0.2 CBRS CBSD Test Specification

### Remark:

1. All test items were verified and recorded according to the standards and without any deviation during the test.
2. The TAF code is not including all the FCC KDB listed without accreditation.

## 2 Test Configuration of Equipment Under Test

### 2.1 Connection Diagram of Test System



The companion device is a certified NR CBSD (FCC ID: WBKRU4370)



### **3 End User Device additional requirement**

#### **3.1 Test Requirement**

FCC Part 96.47

(a) End User Devices may operate only if they can positively receive and decode an authorization signal transmitted by a CBSD, including the frequencies and power limits for their operation.

(1) An End User Device must discontinue operations, change frequencies, or change its operational power level within 10 seconds of receiving instructions from its associated CBSD.

#### **3.2 Test Procedure**

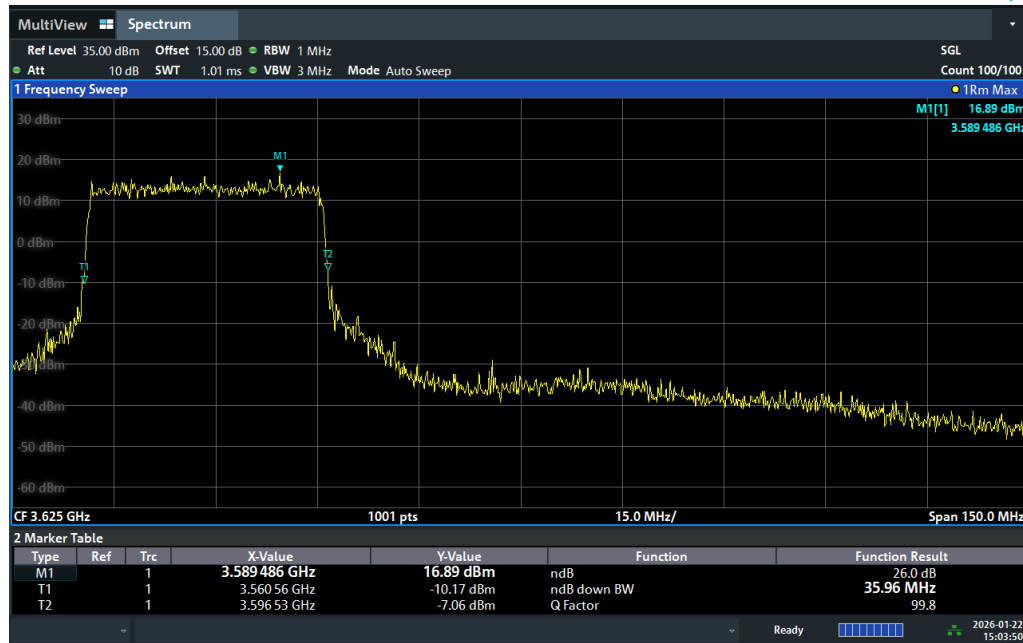
The following procedure is following in accordance with WINNF-TS-0122-V1.0.2 CBRS CBSD Test Specification, using the certified NR CBSD (FCC ID: WBKRU4370) as companion device to present compliance with Part 96.47 requirement for End User Device (EUD):

1. Configure SAS granted CBSD to operate at frequency 3560-3600 MHz and power level 20 dBm/MHz
2. Enable CBSD service
3. Check EUD Tx Frequency and power
4. Disable CBSD service
  - a. Check if EUD stops transmission within 10 seconds.
5. Configure SAS granted CBSD to operate at frequency 3650-3690 MHz and power level 30 dBm/MHz
6. Enable CBSD service
7. Check EUD Tx Frequency and power
8. Disable CBSD service
  - a. Check if EUD stops transmission within 10 seconds.

### 3.3 Test Result

**[Step 1] Configure SAS granted CBSD to operate at  
frequency 3560-3600 MHz and power level 20 dBm/MHz**

**[Step 3] Check EUD Tx Frequency and power**



03:03:51 PM 01/22/2026

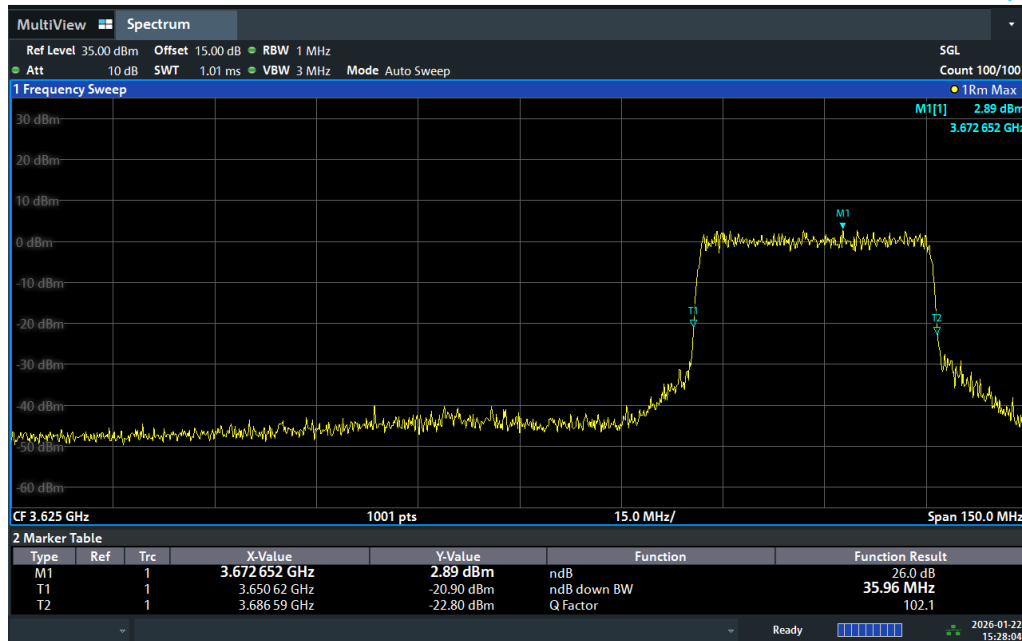
**[Step 4.a.] EUD stops transmission within 10 seconds right after receiving instructions from its associated CBSD.**



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**[Step 5] Configure SAS granted CBSD to operate at  
frequency 3650-3690 MHz & power level 30 dBm/MHz**

**[Step 7] Check EUD Tx Frequency and power**



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**[Step 8.a.] After changing the frequency and power level,  
The EUD discontinues operating, changes frequencies, or changes its operational power level within 10 seconds  
right after receiving instructions from its associated CBSD. Test result is a PASS.**



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## 4 Measuring Equipment List

| Instrument                | Brand Name | Type / Model No. | Serial No. | Characteristics      | Calibration Date | Test Date     | Due Date      | Remark              |
|---------------------------|------------|------------------|------------|----------------------|------------------|---------------|---------------|---------------------|
| Spectrum Analyzer         | R&S        | FSV3044          | 101467     | 10Hz~44GHz           | Dec. 16, 2025    | Jan. 22, 2026 | Dec. 15, 2026 | Conducted (TH05-HY) |
| Programmable Power Supply | GW Instek  | PSS-2005         | EL890094   | 1V~20V<br>0.5A~5A    | Oct. 03, 2025    | Jan. 22, 2026 | Oct. 02, 2026 | Conducted (TH05-HY) |
| CBSD Base Station         | BTI        | RU4370           | B23000022S | FCC ID:<br>WBKRU4370 | N/A              | N/A           | N/A           | Conducted (TH05-HY) |
| SAS Test harness          | WInnForum  | 1.0.0.3          | N/A        | N/A                  | N/A              | N/A           | N/A           | Conducted (TH05-HY) |