



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 : LTE B48

The product was received on Dec. 24, 2025, and testing was performed from Jan. 21, 2026 to Jan. 21, 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
FG5N0611-01E	01	Initial issue of report	Apr. 23, 2026



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.

Disclaimer:

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: Julia Chang

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 WLAN 11a/b/g/n HT20/HT40 WLAN 11ac VHT20/VHT40/VHT80/VHT160 WLAN 11ax HE20/HE40/HE80/HE160 WLAN 11be EHT20/EHT40/EHT80/EHT160/EHT320 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 SKU 1_NA	Basic + SE55 SKU 3_NA	Premium + SE4730 SKU 5_NA	Premium + SE55 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 Location

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

FCC designation No.: TW3786

1.4 Applicable Standards

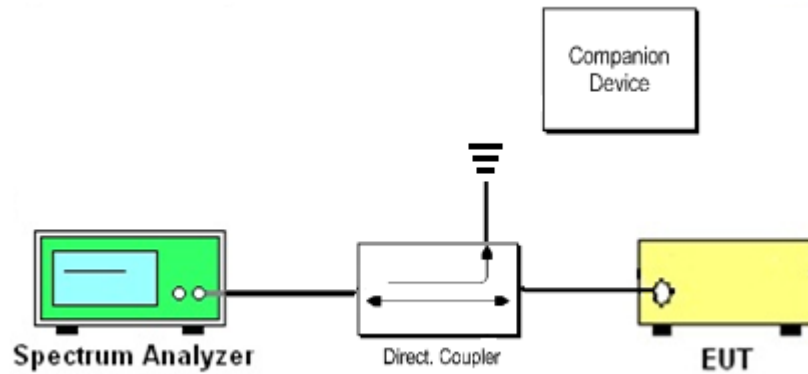
- ♦ FCC Part 96.47
- ♦ FCC KDB 940660 D01 Part 96 CBRS Eqpt v03
- ♦ WINNF-TS-0122-V1.0.2 CBRS CBSD Test Specification

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 LTE 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

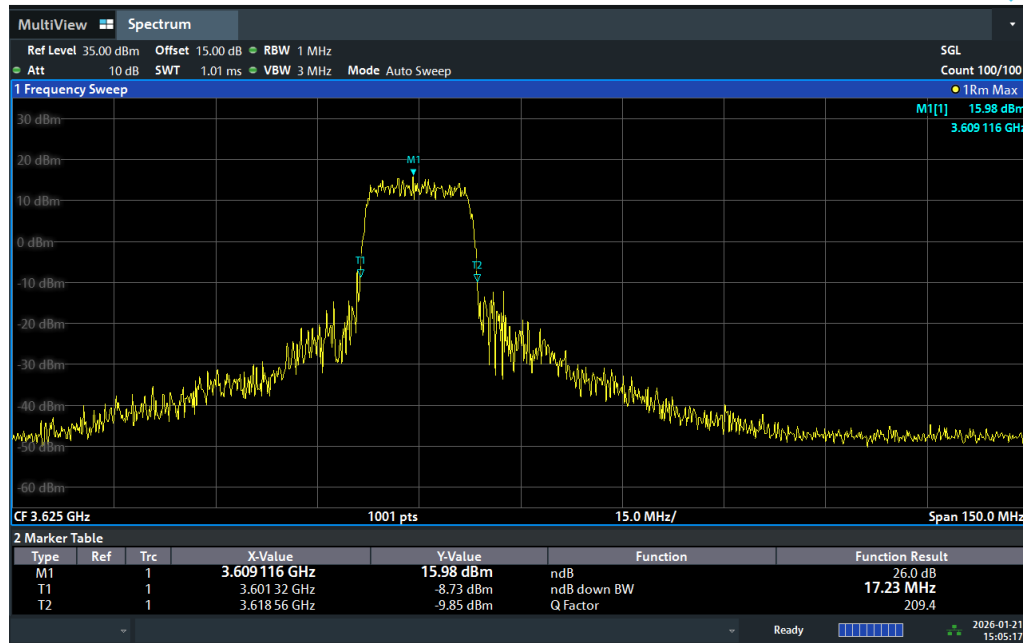
The following procedure is following in accordance with WINNF-TS-0122-V1.0.2 CBRS CBSD Test Specification, using the certified LTE CBSD (FCC ID: WBKRU4370) as a companion device to present compliance with Part 96.47 requirement for End User Device (EUD):

1. Configure SAS granted CBSD to operate at frequency 3600-3620 MHz and power level 10 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 3670-3690 MHz & power level 20 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

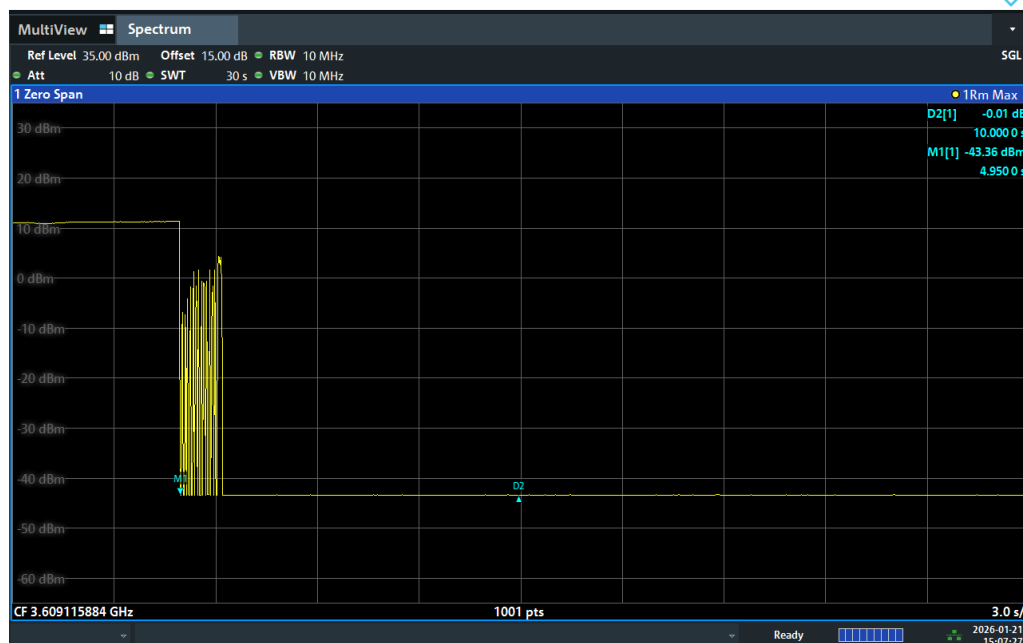
[Step 1] Configure SAS granted CBSD to operate at
frequency 3600-3620 MHz and power level 10 dBm/MHz

[Step 3] Check EUD Tx Frequency and power



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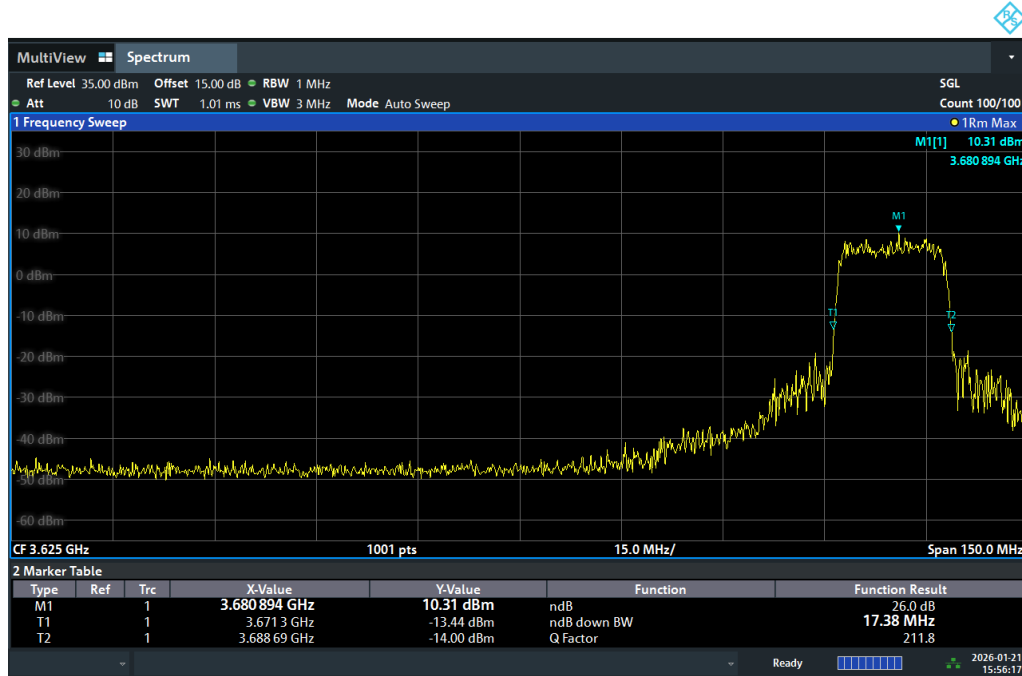
[Step 4.a.] EUD stops transmission within 10 seconds right after receiving instructions from its associated CBSD.



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**[Step 5] Configure SAS granted CBSD to operate at
frequency 3670-3690 MHz & power level 20 dBm/MHz**

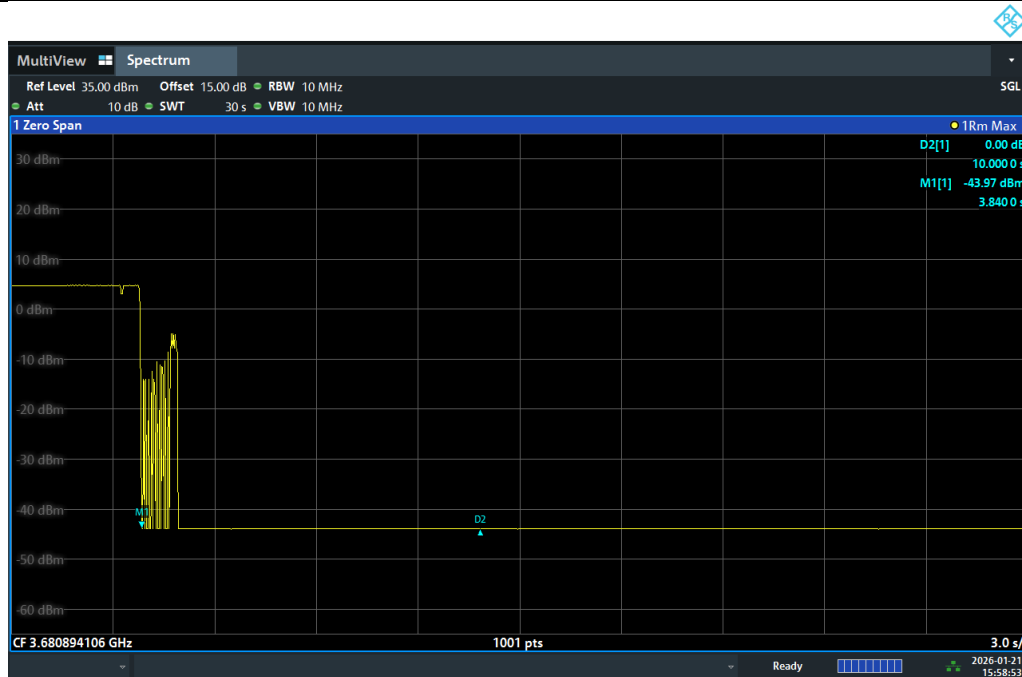
[Step 7] Check EUD Tx Frequency and power



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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. 21, 2026	Dec. 15, 2026	Conducted (TH05-HY)
Programmable Power Supply	GW Instek	PSS-2005	EL890094	1V~20V 0.5A~5A	Oct. 03, 2025	Jan. 21, 2026	Oct. 02, 2026	Conducted (TH05-HY)
CBSD Base Station	BTI	RU4370	b25000002	FCC ID: 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)