FCC Part 96.47 TEST REPORT

FCC ID	:	**UZ7TCX01G**
Equipment	:	**Touch Computer**
Brand Name	:	**ZEBRA**
Model Name	:	**TCX01G**
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/ n78**

The product was received on Oct. 31, 2025, and testing was performed Jan. 20, 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
FG5O3114F	01	Initial issue of report	Jan. 30 2026
FG5O3114F	02	Revised Test Configuration of Equipment Under Test and End User Device additional requirement This report is an updated version, replacing the report issued on Jan. 30 2026	Feb. 10, 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/manufacturer 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: Yuri Huang

1 General Description

1.1 Product Feature of Equipment Under Test

Product Feature	
Equipment	Touch Computer
Brand Name	ZEBRA
Model Name	TCX01G
FCC ID	UZ7TCX01G
EUT supports Radios application	GSM/WCDMA/HSPA/LTE/5G NR/ NFC/UHF RFID /GNSS 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	DV1.2
SW Version	eris_A15_userdebug_GMS_RelKey_2025-10-07-205955_main_SE
MFD	30-Sep-25
EUT Stage	Identical Prototype

Remark: The EUT's information above is declared by manufacturer. Please refer to Disclaimer in report summary.

Specification of Accessories				
AC Adapter 1 (TYPE C Wall Charger 1)	**Brand Name**	Zebra	**Model Number**	SAWA-102-22520A
			Part Number	PWR-WUA5V45W1US
AC Adapter 2 (TYPE A Wall Charger 2)	**Brand Name**	Zebra	**Model Number**	SAWA-65-20005A
			Part Number	PWR-WUA5V12W0US
Trigger Handle 1	**Brand Name**	Zebra	**Part Number**	TRG-TC5A-ELEC-01
Trigger Handle 2	**Brand Name**	Zebra	**Part Number**	TRG-TC7A-ELEC-01
Trigger Handle 3	**Brand Name**	Zebra	**Part Number**	TRG-TC5AB-ELEC-01
Arm Mount 1	**Brand Name**	Zebra	**Part Number**	SG-TC5A-WMADP1-01
Arm Mount 2	**Brand Name**	Zebra	**Part Number**	SG-TC5A-WMADP2-01
Soft Holster	**Brand Name**	Zebra	**Part Number**	SG-NGTC5TC7-HLSTR-01
Rugged boot	**Brand Name**	Zebra	**Part Number**	SG-TC5AEXO-01
Earphone 1 (Wired headset USB-C)	**Brand Name**	Zebra	**Part Number**	HDST-USBC-PTT1-01
Earphone 2 (3.5mm PTT Headset)	**Brand Name**	Zebra	**Part Number**	HDST-35MM-PTT1-01
Earphone 3 （Rugged Headset）	**Brand Name**	Zebra	**Part Number**	HS2100-OTH
Battery	**Brand Name**	Zebra	**Model Number**	BT-000535
			Part Number	BT-000535-0020
3.5mm to 3.5mm audio connector	**Brand Name**	Zebra	**Part Number**	CBL-HS2100-3MS1-01
"USB Cable 1	**Brand Name**	Zebra	**Part Number**	CBL-EC5X-USBC3A-01
USB-C to C Cable"	**Brand Name**	Zebra	**Part Number**	CBL-TC5X-USBC2A-01

1.2 Modification of EUT

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

1.3 Testing Laboratory

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 ℃
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

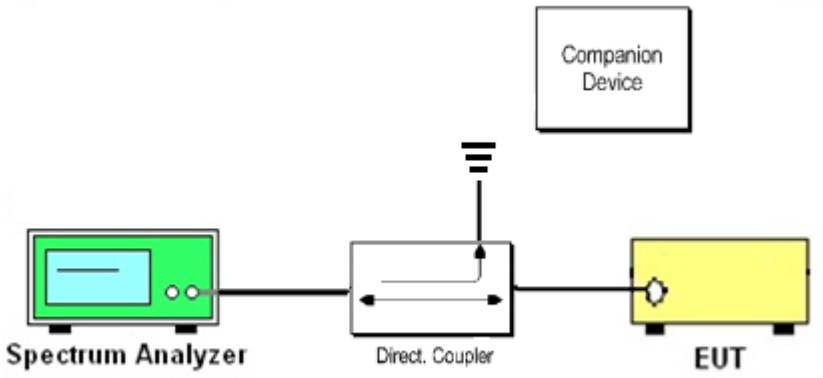
Remark:

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 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):

<For n48>

1. Configure SAS granted CBSD to operate at frequency 3560-3600 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 3650-3690 MHz and 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.

<For n78>

9. Configure SAS granted CBSD to operate at frequency 3550-3650 MHz and power level 10 dBm/MHz
10. Enable CBSD service
11. Check EUD Tx Frequency and power
12. Disable CBSD service
    a. Check if EUD stops transmission within 10 seconds.

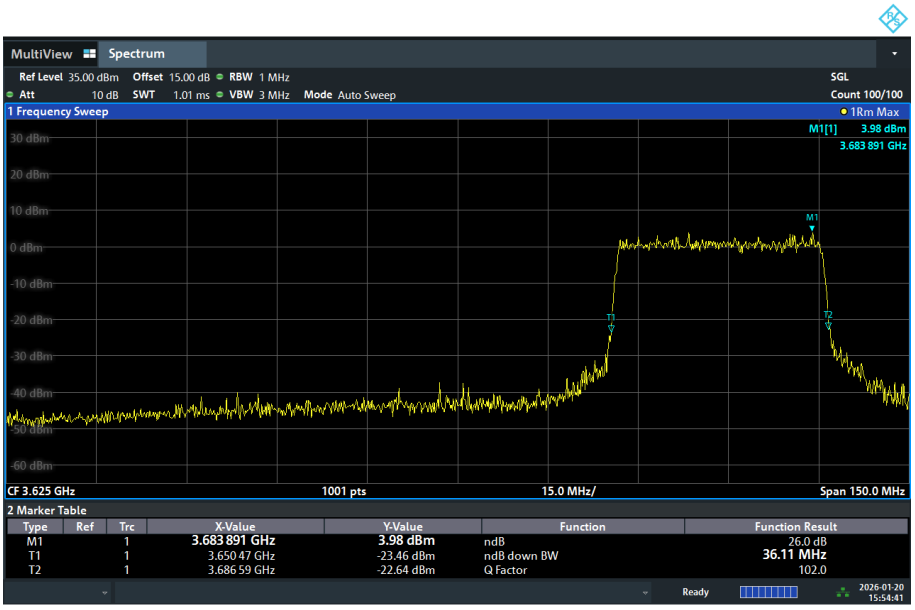
13. Configure SAS granted CBSD to operate at frequency 3600-3700 MHz and power level 20 dBm/MHz
14. Enable CBSD service
15. Check EUD Tx Frequency and power
16. Disable CBSD service
    a. Check if EUD stops transmission within 10 seconds.

3.3 Test Result

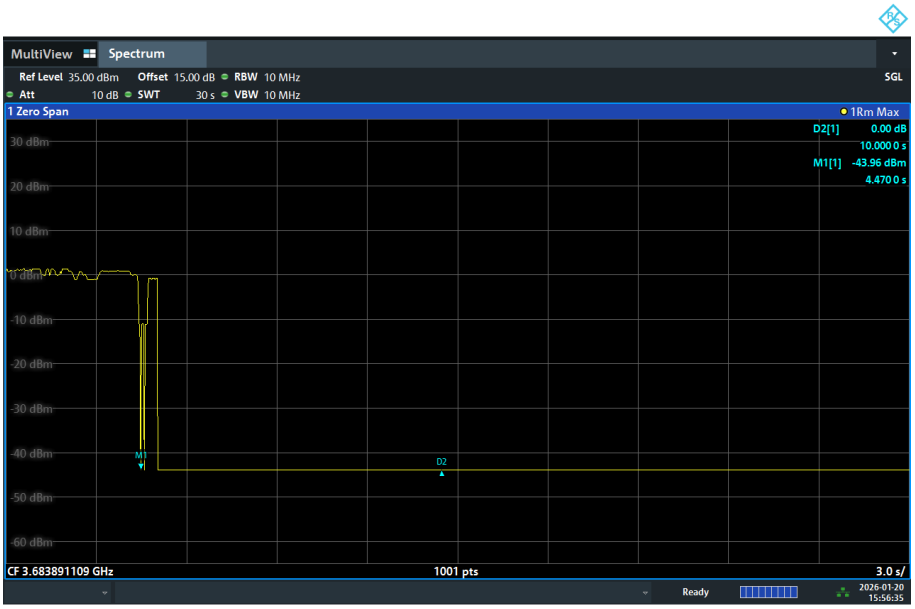
<For n48>

[Step 1] Configure SAS granted CBSD to operate at frequency 3560-3600 MHz and power level 10 dBm/MHz
[Step 3] Check EUD Tx Frequency and power
[Step 4.a.] EUD stops transmission within 10 seconds right after receiving instructions from its associated CBSD.

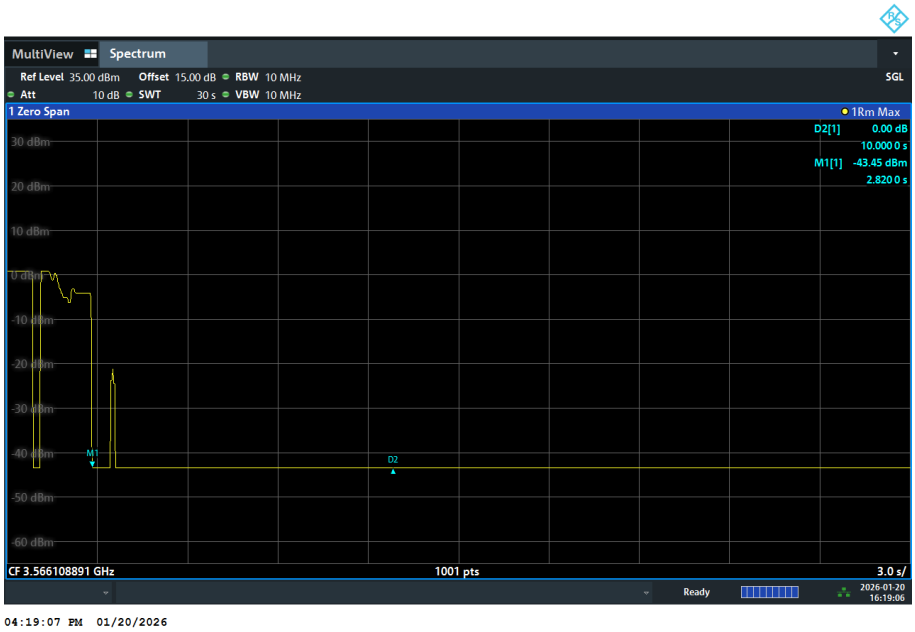
[Step 5] Configure SAS granted CBSD to operate at frequency 3650-3690 MHz & power level 20 dBm/MHz
[Step 7] Check EUD Tx Frequency and power



[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.

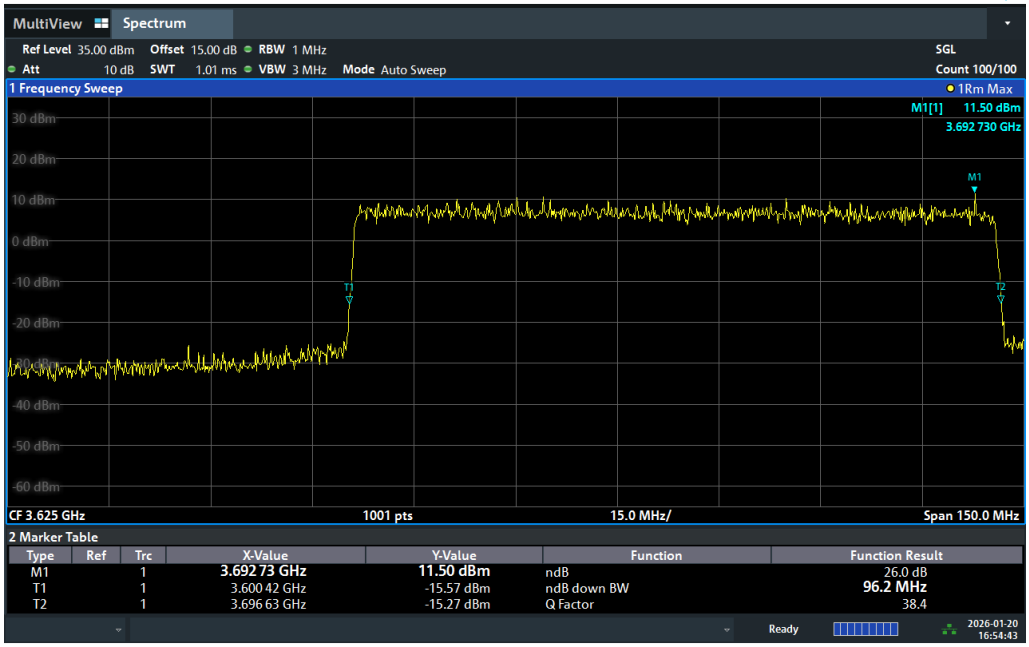


<For n78>

[Step 1] Configure SAS granted CBSD to operate at frequency 3550-3650 MHz and power level 10 dBm/MHz
[Step 3] Check EUD Tx Frequency and power
[Step 4.a.] EUD stops transmission within 10 seconds right after receiving instructions from its associated CBSD.


[Step 5] Configure SAS granted CBSD to operate at frequency 3600-3700 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. 20, 2026	Dec. 15, 2026	Conducted (TH05-HY)
Programmable Power Supply	GW Instek	PSS-2005	EL890094	1V~20V 0.5A~5A	Oct. 03, 2025	Jan. 20, 2026	Oct. 02, 2026	Conducted (TH05-HY)
CBSD Base Station	BTI	RU4370	B23000022S	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)