



# Hearing Aid Compatibility (HAC) T-Coil Test Report

**APPLICANT** : Zebra Technologies Corporation  
**EQUIPMENT** : Touch computer  
**BRAND NAME** : Zebra  
**MODEL NAME** : TC75GK  
**FCC ID** : UZ7TC75GK  
**STANDARD** : FCC 47 CFR §20.19  
ANSI C63.19-2011

We, SPORTON INTERNATIONAL INC., would like to declare that the tested sample has been evaluated in accordance with the procedures and shown the 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., the test report shall not be reproduced except in full.

Reviewed by: Eric Huang / Deputy Manager

Approved by: Jones Tsai / Manager



## SPORTON INTERNATIONAL INC.

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(R.O.C.)



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**Appendix A. HAC\_T-coil Reference Report**

**Appendix B. Test Setup Photos**



## **Revision History**

<b>REPORT NO.</b>	<b>VERSION</b>	<b>DESCRIPTION</b>	<b>ISSUED DATE</b>
HA672834-03B	Rev. 01	Initial issue of report	Oct. 07, 2016



## 1. Attestation of Test Results

Applicant Name	Zebra Technologies Corporation
Equipment Name	Touch computer
Brand Name	Zebra
Model Name	TC75GK
FCC ID	UZ7TC75GK
IMEI Code	359111070013778
S / N	161965225D0133
HW Version	DV
SW Version	Android version 6.0.1
FW Version	91-10-05-MG-00
MFD	14JUL16
EUT Stage	Engineering sample
Exposure category	General Population/Uncontrolled Exposure
HAC Rating	T3
Test Result	Pass

The device is compliance with HAC limits specified in guidelines FCC 47CFR §20.19 and ANSI Standard ANSI C63.19.



## 2. Administration Data

Testing Laboratory	
Test Site	SPORTON INTERNATIONAL INC.
Test Site Location	No.52, Hwa Ya 1st Rd., Hwa Ya Technology Park, Kwei-Shan District, Taoyuan City, Taiwan (R.O.C.) TEL: +886-3-327-3456 FAX: +886-3-328-4978
Test Site No.	Sporton Site No. : <b>SAR04-HY</b>
Applicant	
Company Name	Zebra Technologies Corporation
Address	1 Zebra Plaza Holtsville, NY 11742
Manufacturer	
Company Name	Wistron Corporation
Address	21F, No. 88, Sec. 1, Hsin Tai Wu Rd., Hsichih Dist, New Taipei City 221, Taiwan R.O.C.



### 3. General Information

Product Feature & Specification	
<b>Frequency Band</b>	GSM850: 824.2 MHz ~ 848.8 MHz GSM1900: 1850.2 MHz ~ 1909.8 MHz WCDMA Band II: 1852.4 MHz ~ 1907.6 MHz WCDMA Band IV: 1712.4 MHz ~ 1752.6 MHz WCDMA Band V: 826.4 MHz ~ 846.6 MHz LTE Band 2: 1850 MHz ~ 1910 MHz LTE Band 4: 1710 MHz ~ 1755 MHz LTE Band 5: 824 MHz ~ 849 MHz LTE Band 12: 699 MHz ~ 716 MHz LTE Band 17: 704 MHz ~ 716 MHz LTE Band 25: 1850 MHz ~ 1915 MHz LTE Band 26: 814 MHz ~ 849 MHz WLAN 2.4GHz Band: 2412 MHz ~ 2462 MHz WLAN 5.2GHz Band: 5180 MHz ~ 5240 MHz WLAN 5.3GHz Band: 5260 MHz ~ 5320 MHz WLAN 5.5GHz Band: 5500 MHz ~ 5720MHz WLAN 5.8GHz Band: 5745 MHz ~ 5825 MHz Bluetooth: 2402 MHz ~ 2480 MHz NFC: 13.56 MHz
<b>Mode</b>	<ul style="list-style-type: none"><li>• GSM/GPRS/EGPRS</li><li>• AMR / RMC 12.2Kbps</li><li>• HSDPA</li><li>• HSUPA</li><li>• DC-HSDPA</li><li>• LTE: QPSK, 16QAM</li><li>• 802.11a/b/g/n/ac HT20/HT40/VHT20/VHT40/VHT80</li><li>• Bluetooth BR/EDR/LE</li><li>• NFC:ASK</li></ul>



## 4. Re-use of Measured Data

### 1. Introduction Section:

Portions of the design of (FCC ID: UZ7TC75GK, model: TC75GK) and (FCC ID: UZ7TC75EK, model: TC75EK) share the identical hardware, PCB layout, antenna, the only difference between them is that, the CDMA and LTE Band 13 capability is disabled in (FCC ID: UZ7TC75GK, model: TC75GK) via software. Thus, for some bands, the certification data collected on (FCC ID: UZ7TC75EK, model: TC75EK) can be taken to be representative of (FCC ID: UZ7TC75GK, model: TC75GK). (FCC ID: UZ7TC75GK, model: TC75GK) will reuse the HAC test results from (FCC ID: UZ7TC75EK, model: TC75EK).

### 2. Difference Section:

(FCC ID: UZ7TC75GK, model: TC75GK) is a variant model of (FCC ID: UZ7TC75EK, model: TC75EK) with some disable transmission bands because of market segmentation. The device which use the same internal printed circuit board, the variations are CDMA and LTE B13 functionality are disabled and LTE Band 13 related components are depopulated, all other bands are exactly identical and won't impact the RF performance of WWAN/WLAN/BT/NFC,. All the divergent bands have been properly tested to ensure compliance. The detailed comparison of (FCC ID: UZ7TC75GK, model: TC75GK) and (FCC ID: UZ7TC75EK, model: TC75EK) is included in the Operational Description.

The re-used HAC data includes the following bands provided in Appendix A (Sporton HAC Report No. HA672834B for the reference device FCC ID: UZ7TC75EK, model: TC75EK):

- GSM850 / 1900, WCDMA B2 / B4 / B5, LTE B2 / B4 / B5 / B12 / B17 / B25 / B26, WLAN and Bluetooth.

### 3. Spot Check Verification Data Section:

The device which use the same internal printed circuit board, the variations are CDMA and LTE B13 functionality are disabled and LTE Band 13 related components are depopulated, all other bands are exactly identical and won't impact the RF performance of WWAN/WLAN/BT/NFC, therefore HAC spot check is not required.

### 4. Reference detail Section:

Equipment Class	Reference FCC ID	Folder Test / HAC	Report Title/Section
PCE	UZ7TC75EK	T-coil (HA672834B)	All sections applicable
DTS	UZ7TC75EK	T-coil (HA672834B)	All sections applicable
NII	UZ7TC75EK	T-coil (HA672834B)	All sections applicable
DSS	UZ7TC75EK	T-coil (HA672834B)	All sections applicable