



SPOT CHECK EVALUATION

FCC ID : UZ7TC26BK
Equipment : Touch computer
Brand Name : Zebra
Model Name : TC26BK
Applicant : Zebra Technologies Corporation
1 Zebra Plaza, Holtsville, NY 11742
Manufacturer : Zebra Technologies Corporation
1 Zebra Plaza, Holtsville, NY 11742
Standard : FCC Part 15 Subpart C §15.247
FCC Part 15 Subpart E §15.407

The product was received on Dec. 06, 2019 and testing was started from Jan. 28, 2020 and completed on Mar. 04, 2020. We, SPORTON INTERNATIONAL INC., EMC & Wireless Communications 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 report must not be used by the client to claim product certification, approval, or endorsement by TAF or any agency of government.

The test results in this spot check report apply exclusively to the tested model / sample. Without written approval of SPORTON INTERNATIONAL INC. EMC & Wireless Communications Laboratory, the test report shall not be reproduced except in full.

Approved by: Louis Wu

SPORTON INTERNATIONAL INC. EMC & Wireless Communications Laboratory

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1. Introduction Section

The FCC ID: UZ7TC26AK (original model) and FCC ID: UZ7TC26BK (variant model) are HW identical, the main differences exist per SKUs are related to RF Bands supported. Based on their similarity, the FCC Part 15C (equipment class: DTS, DSS) and FCC Part 15E (equipment class: NII) reuse the original model's result and do spot-check, following the FCC KDB 484596 D01 v01.

The applicant takes full responsibility that the test data as referenced in this report represent compliance for this FCC ID (FCC ID: UZ7TC26BK).



2. Difference Section

The difference between UZ7TC26AK and UZ7TC26BK is the performance for cellular bands.

The details of similarity and difference can be found in Operation Description.



3. Spot Check Verification Data Section

Conducted power test and radiated spurious emission test against the variant model based on the worst-case condition from the original model was performed in this filing and the verification test results Similar to the original FCC ID. Detail spot check test result can be found in the variant model report, please refer to detail section table in section 4.

Based on the same WLAN Chipset, the same conducted power of TC26AK was used for the following verification

Summary of the spot check:

Test Item	Mode	UZ7TC26AK Worst Result	UZ7TC26BK Worst Result	Difference (dB)
WLAN				
Radiated Spurious Emission (Band Edge) (dBuV/m)	BT-DH1	49.79	49.88	0.09
	BLE5.0(1/2Mbps)	46.6	44.55	-2.05
	WLAN 2.4G(SISO)	49.05	47.38	-1.67
	WLAN 5G B1-3(SISO)	67.18	65.67	-1.51
	WLAN 5G B4 (SISO)	59.28	58.41	-0.87
Radiated Spurious Emission (Harmonic) (dBuV/m)	BT-DH1	46.97	44.46	-2.51
	BLE5.0(1/2Mbps)	46.52	47.24	0.72
	WLAN 2.4G(SISO)	48.94	49.8	0.86
	WLAN 5G B1-3(SISO)	50.84	50.87	0.03
	WLAN 5G B4 (SISO)	50.92	50.91	-0.01



4. Reference detail Section

Rule Part	Equipment Class	Wireless Technology	Frequency Band (MHz)	Reference FCC ID	Type Grant/Permissive Change	Reference Report Title	Reference Application	Reference Report Sections
15C	DTS	Bluetooth – LE Wi-Fi	2400~2483.5	UZ7TC26AK	Original Grant	FCC RF Test Report	UZ7TC26BK	Part 15C (FR010720B, FR010720C)
	DSS	Bluetooth	2400~2483.5	UZ7TC26AK	Original Grant	FCC RF Test Report	UZ7TC26BK	Part 15C (FR010720A)
15E	Nil	Wi-Fi	5150~5250 5250~5350 5470~5725 5725~5850	UZ7TC26AK	Original Grant	FCC RF Test Report	UZ7TC26BK	Part 15E (FR010720E, FR010720F)

END of this report