

TEST REPORT

Report No.: SHATBL2605019W06

Applicant : TableTop Media, LLC d/b/a Ziosk

Product Name : Ziosk Mini 2

Brand Name : Ziosk

Model Name : Z700

FCC ID : XOX-Z700

Test Standard : 47 CFR Part 2.1091

Date of Sample Arrival : May 14, 2026

Date of Test : May 14, 2026~Jun.12, 2026

Date of Issue : Jun.12, 2026

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REVISION HISTORY

Rev.	Issue Date	Revisions	Revised by
00	Jun.12, 2026	Initial Release	Terry Yang

DECLARATION OF REPORT

1. The device has been tested by ATBL, and the test results show that the equipment under test (EUT) is in compliance with the requirements of 47 CFR Part 2.1091. And it is applicable only to the tested sample identified in the report.
2. This report shall not be reproduced except in full, without the written approval of ATBL, this document only be altered or revised by ATBL, personal only, and shall be noted in the revision of the document.
3. The general information of EUT in this report is provided by the customer or manufacture, ATBL is only responsible for the test data but not for the information provided by the customer or manufacture.
4. The results in this report is only apply to the sample as tested under conditions. The customer or manufacturer is responsible for ensuring that the additional production units of this model have the same electrical and mechanical components.
5. In this report, '☐' indicates that EUT does not support content after '☐', and '☑' indicates that it supports content after '☑'

1. GENERAL DESCRIPTION

1.1. Applicant

Name : TableTop Media, LLC d/b/a Ziosk

Address : 6201 W Plano Parkway Suite. 450, Plano, TEXAS 75093

1.2. Manufacturer

Name : Z-TECH COMMUNICATION(SZ)CO.,LTD

Address : RM 2001 Floor 20. Block 1.Qianhai Kexing Science Park,49 Yintian Road, Xixiang
Baoan ,Shenzhen, China, 518102

1.3. Factory

Name : HUAGUAN TECHNOLOGY (HEYUAN) CO.,LTD.

Address : HuaGuan Science and Technology Park, North of Gaoxin 7th Road, West of Xingye
Avenue, Heyuan High-tech Development Zone.

1.4. General Information of EUT

General Information	
Equipment Name	Ziosk Mini 2
Brand Name	Ziosk
Model Name	Z700
Series Model	N/A
Model Difference	N/A
Operation Frequency	BR_EDR 2402MHz~2480MHz; LE GFSK(1Mbps/2Mbps):2402MHz~2480MHz; 2.4GHz WIFI:2412MHz~2472MHz; 5GHz WIFI: 5150-5350MHz, 5470-5725MHz;5745MHz - 5825MHz 6GHz WIFI: 5955-7125MHz
Modulation Type	BR_EDR:GFSK, π /4-DQPSK,8-DPSK
	BLE GFSK(1Mbps/2Mbps):GFSK
	WiFi 2.4GHz: 802.11b: DSSS (DBPSK/DQPSK/CCK) 802.11g/n: OFDM (BPSK/QPSK/16QAM/64QAM) 802.11ax: OFDMA (BPSK, BPSK_DCM, QPSK, QPSK_DCM, QAM16 QAM16_DCM, QAM64, QAM256, QAM1024)
	WiFi 5GHz: 802.11a/n(HT): OFDM (BPSK/QPSK/16QAM/64QAM) 802.11ac(VHT): OFDM (BPSK/QPSK/16QAM/64QAM/256QAM) 802.11ax(HE): OFDM (BPSK/QPSK/16QAM/64QAM/256QAM)
	WiFi 6GHz: 802.11ax(HE): OFDM (BPSK/QPSK/16QAM/64QAM/256QAM)
Adapter	N/A
Battery	Rated Voltage:3.7V Charge Limit Voltage:4.1V Capacity:20800mAh
Hardware Version	HW ID:00
Software Version	9.0.0.6
Connecting I/O Port(s)	Refer to the remark below.

1.5. Laboratory Information

Company Name	:	Shanghai ATBL Technology Co., Ltd.
Address	:	Building 8, No.160 Basheng Road, Waigaoqiao Free Trade Zone, Pudong New Area, Shanghai
Telephone	:	+86(0)21-51298625

2. FCC 47CFR §2.1091 Requirement

Test Standards

According to §1.1307(b)(1), systems operating under the provisions of this section shall be operated in a manner that ensures that the public is not exposed to radio frequency energy level in excess of the Commission's guidelines.

According to §1.1310 and §2.1091 RF exposure is calculated.

KDB447498 D01: Mobile and Portable Devices RF Exposure Procedures and Equipment Authorization Policies

Limit

Limits for Maximum Permissible Exposure (MPE)/Controlled Exposure

Frequency Range(MHz)	Electric Field Strength(V/m)	Magnetic Field Strength(A/m)	Power Density (mW/cm ²)	Averaging Time (minute)
Limits for Occupational/Controlled Exposure				
0.3 – 3.0	614	1.63	(100) *	6
3.0 – 30	1842/f	4.89/f	(900/f ²)*	6
30 – 300	61.4	0.163	1.0	6
300 – 1500	/	/	f/300	6
1500 – 100,000	/	/	5	6

Limits for Maximum Permissible Exposure (MPE)/Uncontrolled Exposure

Frequency Range(MHz)	Electric Field Strength(V/m)	Magnetic Field Strength(A/m)	Power Density (mW/cm ²)	Averaging Time (minute)
Limits for Occupational/Controlled Exposure				
0.3 – 3.0	614	1.63	(100) *	30
3.0 – 30	824/f	2.19/f	(180/f ²)*	30
30 – 300	27.5	0.073	0.2	30
300 – 1500	/	/	f/1500	30
1500 – 100,000	/	/	1.0	30

F=frequency in MHz

*=Plane-wave equivalent power density

MPE Calculation Method

Predication of MPE limit at a given distance

Equation from page 18 of OET Bulletin 65, Edition 97-01

$$S = \frac{PG}{4\pi R^2}$$

Where: S=power density

P=power input to antenna

G=power gain of the antenna in the direction of interest relative to an isotropic radiator

R=distance to the center of radiation of the antenna

Antenna Information

EUT can only use antennas certificated as follows provided by manufacturer;

Function	Antenna Type	Antenna	Frequency Band MHz	Antenna Gain dBi	Directional Gain (dBi)
Bluetooth	PIFA	Antenna 0	2402~2480	1.35	/
2.4GHz WIFI	PIFA	Antenna 0	2412~2462	1.35	4.36
		Antenna 1	2412~2462	1.34	
5GHz WIFI	PIFA	Antenna 0	5180~5825	1.62	4.63
		Antenna 1	5180~5825	1.61	
6GHz WIFI		Antenna 0	5955-7125	1.71	4.70
		Antenna 1	5955-7125	1.66	

Manufacturing Tolerance

Function	Mode	Max measure Power (dBm)	Max Target power with tune up (dBm)	Antenna Port
Bluetooth	BLE_1M_2480MHz	10.81	11.0	Antenna 0
WiFi 2.4G Band	802.11b_2462MHz	18.34	19.0	Antenna 0
	802.11n20_2412MHz	23.54	24.0	Antenna 1
WiFi 5G Band	802.11n40-5270MHz	19.49	20.0	Antenna 0
	802.11ax20-5580MHz	19.07	20.0	Antenna 1
WiFi 6G Band	802.11ax80_6705MHz	9.78	10.0	Antenna 0
	802.11ax80_6545MHz	10.48	11.0	Antenna 1

Note: The target power has included the maximum transmission power and tolerance values.

Test Result

Mode	Antenna Port	Max. Target power with tune up (dBm)		Directional Gain (dBi)	Directional Gain (linear)	MPE (mW/cm2)	MPE Limits (mW/cm2)
		dBm	mW				
Transmit							
BLE_1M_2480MHz	Ant.0	11.0	12.59	1.35	1.37	0.003	1.00
802.11b_2462MHz	Ant.0	19.0	79.43	4.36	2.73	0.043	1.00
802.11n20_2412MHz	Ant.1	24.0	251.19	4.36	2.73	0.136	1.00
802.11n40-5270MHz	Ant.0	20.0	100	4.63	2.90	0.058	1.00
802.11ax20-5580MHz	Ant.1	20.0	100	4.63	2.90	0.058	1.00
802.11ax80_6705MHz	Ant.0	10.0	10.0	4.70	2.95	0.006	1.00
802.11ax80_6545MHz	Ant.1	11.0	12.59	4.70	2.95	0.007	1.00

Simultaneous transmission:

2.4GHz WIFI Antenna 0+Antenna 1 =0.043/1+0.136/1=0.179mW/cm² <1

5GHz WIFI Antenna 0+Antenna 1 =0.0058/1+0.058/1=0.064mW/cm² <1

6GHz WIFI Antenna 0+Antenna 1 =0.006/1+0.007/1=0.013mW/cm² <1

2.4GHz+ 5GHz+ 6GHz WIFI =0.179/1+0.064/1+0.013/1=0.256mW/cm² <1

Note:

- 1).If nothing else, the report will only record the worst power.
- 2).The Maximum power is less than the limit, complies with the exemption requirements.
- 3).Max.WIFI Output power including turn-up tolerance.
- 4).The calculated distance is 20 cm.

*****END OF THE REPORT*****