

TEST REPORT

Reference No...... : WTF26D08246814W003
FCC ID : 2A6Q6WISEWELLSPKSTL
Applicant..... : WISEWELLWATER INC.
Address..... : Office 8010, 77 Sands St., Brooklyn, NY 11201, United States
Manufacturer : WISEWELLWATER INC.
Address..... : Office 8010, 77 Sands St., Brooklyn, NY 11201, United States
Product..... : Reverse osmosis purification machine
Model(s) : Sparkle, Still
Standards..... : FCC 47CFR Part 2 Subpart J Section 2.1091
Date of Receipt sample : 2026-08-26
Date of Test : 2026-09-01 to 2026-09-11
Date of Issue..... : 2026-09-21
Test Result..... : **Pass**

Remarks:

The results shown in this test report refer only to the sample(s) tested, this test report cannot be reproduced, except in full, without prior written permission of the company. The report would be invalid without specific stamp of test institute and the signatures of compiler and approver.

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3. Revision History

Test Report No.	Date of Receipt Sample	Date of Test	Date of Issue	Purpose	Comment	Approved
WTF26D08246814W003	2026-08-26	2026-09-01 to 2026-09-11	2026-09-21	Original	-	Valid

4. General Information

4.1. General Description of E.U.T.

Product:	Reverse osmosis purification machine
Model(s):	Sparkle, Still
Model Description:	Only the model names, booster pump and solenoid valve are different. The model Sparkle has an additional booster pump and solenoid valve compared to Still. The model Sparkle was tested in this report.
Test Sample No.:	1-1/1
Hardware Version:	V1.6
Software Version:	V13

4.2. Details of E.U.T.

Operation Frequency:	13.56MHz
Transmitted Power:	80.18dBuV/m @3m distance
Type of Modulation:	ASK
Antenna installation:	Integral PCB loop antenna
Antenna gain:	N/A

Note:

#: The antenna gain is provided by the applicant, and the applicant should be responsible for its authenticity, WALTEK lab has not verified the authenticity of its information.

Ratings:	120~, 60Hz, 1750W
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4.3. Test Facility

The test facility has a test site registered with the following organizations:

ISED CAB identifier: CN0013. Test Firm Registration No.: 7760A.

Waltek Testing Group Co., Ltd. Has been registered and fully described in a report filed with the Industry Canada. The acceptance letter from the Industry Canada is maintained in our files.

Registration number 7760A, October 15, 2016.

FCC Designation No.: CN1201. Test Firm Registration No.: 523476.

Waltek Testing Group Co., Ltd. EMC Laboratory has been registered and fully described in a report filed with the (FCC) Federal Communications Commission. The acceptance letter from the FCC is maintained in our files. Registration number 523476, September 10, 2019.

4.4. Subcontracted

Whether parts of tests for the product have been subcontracted to other labs:

☐ Yes ☒ No

If Yes, list the related test items and lab information:

Test Lab: N/A

Lab address: N/A

Test items: N/A

4.5. Abnormalities from Standard Conditions

None.

5. Test Summary

Test Items	Test Requirement	Result
Maximum Permissible Exposure (Exposure of Humans to RF Fields)	FCC Part 2.1091	PASS

6. RF Exposure

Test Requirement: 47CFR Part 2 Subpart J Section 2.1091
 47CFR Part 1 §1.1307
 47CFR Part 1 §1.1310
 Evaluation Method: KDB 447498 D01 General RF Exposure Guidance v06

6.1. Definitions

According to § 2.1093 (b), A mobile device is defined as a transmitting device designed to be used in other than fixed locations and to generally be used in such a way that a separation distance of at least 20 centimeters is normally maintained between the RF source's radiating structure(s) and the body of the user or nearby persons.

This device belongs to mobile device and with multiple RF sources.

6.2. Method of Evaluation

Determination of Exemption:
For single RF sources

Option A

Option A 1-mW Test Exemption

Applies to all frequencies and all distances

- Could be considered SAR-based and MPE-based exclusions
- $P < 1\text{mW}$
- Limitation—when there are simultaneously operating transmitters this exclusion only applies when all simultaneously operating transmitters meet this exemption
- Refer 1.1307(b)(3)(i)(A) and 1.1307(b)(3)(ii)(A)

Option B SAR-Based Exemption

Frequency range 300 MHz -6 GHz, $5\text{mm} \leq \text{distance} \leq 40\text{cm}$

- The maximum time-averaged power or effective radiated power (ERP), whichever is greater, $\leq P_{th}$.
- P_{th} is calculated based on separation distance d cm from transmitter to person for the device operating at f GHz.

$$P_{th} \text{ (mW)} = \begin{cases} ERP_{20\text{ cm}} (d/20\text{ cm})^x & d \leq 20\text{ cm} \\ ERP_{20\text{ cm}} & 20\text{ cm} < d \leq 40\text{ cm} \end{cases}$$

Where

$$x = -\log_{10} \left(\frac{60}{ERP_{20\text{ cm}} \sqrt{f}} \right) \text{ and } f \text{ is in GHz;}$$

and

$$ERP_{20\text{ cm}} \text{ (mW)} = \begin{cases} 2040f & 0.3\text{ GHz} \leq f < 1.5\text{ GHz} \\ 3060 & 1.5\text{ GHz} \leq f \leq 6\text{ GHz} \end{cases}$$

d = the separation distance (cm);

Option C MPE-Based Exemption

1.1307(b)(3)(i)(C): ERP is below a threshold calculated based on the distance R between the person and the antenna / radiating structure, where $R > \lambda / 2\pi$.

Table 1 to § 1.1307(b)(3)(i)(C) - Single RF Sources Subject to Routine Environmental Evaluation

RF Source frequency (MHz)	Threshold ERP (watts)
0.3-1.34	$1,920 R^2$.
1.34-30	$3,450 R^2/f^2$.
30-300	$3.83 R^2$.
300-1,500	$0.0128 R^2 f$.
1,500-100,000	$19.2 R^2$.
Note: R in meters, f in MHz	

For multiple RF sources

According to 47CFR 1.1307(b)(3)(ii), the calculation formula is as follow:

$$\sum_{i=1}^a \frac{P_i}{P_{th,i}} + \sum_{j=1}^b \frac{ERP_j}{ERP_{th,j}} + \sum_{k=1}^c \frac{Evaluated_k}{Exposure Limit_k} \leq 1$$

6.3. Calculation formula

According to ANSI C63.10,

$$EIRP = E_{meas} + 20 \log(d_{meas}) - 104.7$$

where

EIRP is the equivalent isotropically radiated power, in dBm

E_{meas} is the field strength of the emission at the measurement distance, in dBμV/m

d_{meas} is the measurement distance, in m

NOTE—Because this equation yields the identical result whether the field strength is extrapolated using the default 20 dB/decade of distance extrapolation factor, or the field strength is not extrapolated for distance, this equation can generally be applied directly (with no further correction) to determine EIRP. In some cases, a different distance correction factor may be required.

6.4. Limits for Maximum Permissible Exposure (MPE) to radiofrequency electromagnetic fields

Table 1 to § 1.1310(e)(1)—Limits for Maximum Permissible Exposure (MPE)

Frequency range (MHz)	Electric field strength (V/m)	Magnetic field strength (A/m)	Power density (mW/cm ²)	Averaging time (minutes)
(i) 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	<6
300-1,500			f/300	<6
1,500-100,000			5	<6
(ii) Limits for General Population/Uncontrolled Exposure				
0.3-1.34	614	1.63	*(100)	<30
1.34-30	824/f	2.19/f	*(180/f ²)	<30
30-300	27.5	0.073	0.2	<30
300-1,500			f/1500	<30
1,500-100,000			1	<30
f = frequency in MHz. * = Plane-wave equivalent power density.				

6.5. MPE Calculation Method

$$S = \frac{P \times G}{4 \times \pi \times R^2}$$

S = power density (in appropriate units, e.g. mW/cm²)

P = output power to the antenna (in appropriate units, e.g., mW).

G = power gain of the antenna in the direction of interest relative to an isotropic radiator, the power gain factor, is normally numeric gain.

R = distance to the center of radiation of the antenna (appropriate units, e.g., cm)

6.6. Evaluation Results

Single Source Transmissions

NFC

Frequency (MHz)	E (dB μ V/m)	EIRP (dBm)	EIRP (mW)	Power density (mW/cm ²)		Ratio
				Evaluated	Exposure Limit	
13.56	80.18	-14.98	0.031786	0.000006	0.9789	0.000006

Note:

1. The minimum mobile separation distance R=20cm.
2. Limit refer to 47 CFR 1.1310(e)(1) table 1(ii).
3. EIRP=0.031786<1mW, when NFC transmitting, there are simultaneously operating transmitters (2.4G WLAN or 5G WLAN). Then Option A is not applicable, MPE-based is applicable.

2.4G WLAN & 5G WLAN

Description	Frequency GHz	Conducted Power dBm	Gain dBi	Tune-up dB	ERP mW	ERP _{th} mW	Ratio
2.4G WLAN	2.412	18.00	3.86	±1.0	117.80	3060	0.038498
5.2G WLAN	5.180	19.50	3.65	±1.0	158.55	3060	0.051813
5.3G WLAN	5.260	19.50	3.45	±1.0	151.41	3060	0.049481
5.5G WLAN	5.500	19.00	3.22	±1.0	127.98	3060	0.041825
5.8G WLAN	5.745	19.00	3.22	±1.0	127.98	3060	0.041825

Note:

1. Option B is applicable
2. Please refer to **FCC ID: 2AC7Z-ESPC5WROOMU** for the data in the above table.
3. According to the EUT characteristic, 2.4G WLAN and 5G WLAN cannot transmit simultaneously.

Simultaneous Transmissions

Description	Calculation	Limit
NFC + 2.4G WLAN	0.038504	≤1.0
NFC + 5G WLAN	0.051819	≤1.0

Conclusion:

RF Exposure is FCC compliant.

=====End of Report=====