



FCC RF EXPOSURE REPORT

For

Neevo 720 Digital Smart Grill in Black

MODEL NUMBER: 720-1054, 720-1055

FCC ID: 2A3GE720-1055

IC: 27877-7201055

REPORT NUMBER: 4790149013-4

ISSUE DATE: February 14, 2022

Prepared for

**Nexgrill Industries, Inc
14050 LAURELWOOD PL CHINO California United States 91710**

Prepared by

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Revision History

<u>Rev.</u>	<u>Issue Date</u>	<u>Revisions</u>	<u>Revised By</u>
V0	02/14/2022	Initial Issue	



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1. ATTESTATION OF TEST RESULTS

Applicant Information

Company Name: Nexgrill Industries, Inc.
Address: 14050 LAURELWOOD PL CHINO California United States 91710

Manufacturer Information

Company Name: Nexgrill Industries, Inc.
Address: 14050 LAURELWOOD PL CHINO California United States 91710

EUT Information

EUT Name: Neevo 720 Digital Smart Grill in Black
Model: 720-1055
Serial model: 720-1054
Model difference: Please refer to clause 4 Description of EUT
Brand : Nexgrill
Sample Received Date: December 17, 2021
Sample Status: Normal
Sample ID: 4505241
Date of Tested: December 17, 2021, ~ February 14, 2022

APPLICABLE STANDARDS	
STANDARD	TEST RESULTS
FCC 47CFR§2.1091	PASS

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2. TEST METHODOLOGY

The tests documented in this report were performed in accordance with 47 CFR FCC Part 2 Subpart J, section 2.1091.

3. FACILITIES AND ACCREDITATION

<p>Accreditation Certificate</p>	<p>A2LA (Certificate No.: 4102.01) UL Verification Services (Guangzhou) Co., Ltd. Song Shan Lake Branch. has been assessed and proved to be in compliance with A2LA.</p> <p>FCC (FCC Designation No.: CN1187) UL Verification Services (Guangzhou) Co., Ltd. Song Shan Lake Branch. Has been recognized to perform compliance testing on equipment subject to the Commission's Declaration of Conformity (DoC) and Certification rules</p> <p>ISED (Company No.: 21320) UL Verification Services (Guangzhou) Co., Ltd. Song Shan Lake Branch. has been registered and fully described in a report filed with ISED. The Company Number is 21320 and the test lab Conformity Assessment Body Identifier (CABID) is CN0046.</p> <p>VCCI (Registration No.: G-20019, R-20004, C-20012 and T-20011) UL Verification Services (Guangzhou) Co., Ltd. Song Shan Lake Branch. has been assessed and proved to be in compliance with VCCI, the Membership No. is 3793. Facility Name: Chamber D, the VCCI registration No. is G-20019 and R-20004 Shielding Room B , the VCCI registration No. is C-20012 and T-20011</p>
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Note: All tests measurement facilities use to collect the measurement data are located at Building 10, Innovation Technology Park, Song Shan Lake Hi tech Development Zone, Dongguan, 523808, China.



4. EQUIPMENT UNDER TEST

EUT Name	Neevo 720 Digital Smart Grill in Black
Model Name	720-1055
Serial model	720-1054
Model Difference	720-1054 have the same technical construction including circuit diagram, PCB Layout, components and component layout, all electrical construction and mechanical construction with 720-1055. The difference lies only with the overall appliance construction, where 720-1055 comes with an air fryer and 720-1054 does not. All these changes do not degrade the unwanted emissions of the certified product.
Ratings	AC 100 ~ 240 V, 60 Hz/50 Hz

5. REQUIREMENT

LIMIT AND CALCULATION METHOD

Systems operating under the provisions of FCC 47 CFR 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.

In accordance with 47 CFR FCC Part 2 Subpart J, section 2.1091 this device has been defined as mobile device whereby a distance of 0.2m normally can be maintained between the user and the device, and below RF Permissible Exposure limit shall comply with.

Limits for General Population/Uncontrolled Exposure

RF EXPOSURE LIMIT

Frequency Range (MHz)	E-field Strength (E) (V/m)	Magnetic Field Strength (H) (A/m)	Power Density (S) (mW/cm ²)	Averaging Time E ² , H ² or S (Minutes)
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 -- 1500	--	--	f/1500	30
1500 -- 100,000	--	--	1.0	30

CALCULATION METHOD

$$S=PG/4\pi R^2$$

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



CALCULATED RESULTS

2.4 GHz WiFi Mode					
Frequency	Output Power	Output Power	Power Density	Power Density Limit	Test Result
MHz	dBm	mW	mW/cm ²	mW/cm ²	--
2405	16.0	39.81	0.016	1.0	Complies

BT WiFi Mode					
Frequency	Output Power	Output Power	Power Density	Power Density Limit	Test Result
MHz	dBm	mW	mW/cm ²	mW/cm ²	--
2405	13.5	22.39	0.009	1.0	Complies

- Note: 1. Antenna Gain=3.0 dBi (Numeric 25.12), $\pi=3.141$.
2. The Power comes from operation description.
3. The minimum separation distance of the device is greater than 20 cm.
4. Calculate by WORST-CASE mode.

END OF REPORT