

RF EXPOSURE REPORT



Applicant: WNC Corporation
20 Park Avenue II Hsinchu Science Park, Hsinchu 300,
Taiwan

Manufacturer: WNC Corporation
20 Park Avenue II Hsinchu Science Park, Hsinchu 300,
Taiwan

Product Name: Wireless Home Phone

Brand Name: Verizon

Model No.: Genesis

FCC ID NKRGENESIS

Date of EUT Received: Nov. 12, 2025

Issue Date: Apr. 16, 2026

Approved By

John Yeh

We hereby certify that:

The above equipment was evaluated by SGS Taiwan Ltd. The evaluation in this report is in compliance with FCC Rule Part §2.1091, KDB 447498 D01 v06.

The results of this report relate only to the sample identified in this report.

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Revision History

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TESA2511000884ES	00	Original	Mar. 24, 2026	Cindy Chou	
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Note:

- 1、The remark "*" indicates modification of the report upon requests from certification body.

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Contents

1	DESCRIPTION OF EQUIPMENT UNDER TEST (EUT)	4
1.1	PRODUCT DESCRIPTION	4
1.2	EVALUATION SITE	4
1.3	ANTENNA INFORMATION	5
2	MAXIMUM PERMISSIBLE EXPOSURE (MPE)	7
2.1	FCC STANDARD APPLICABLE	7
2.2	POWER DENSITY CALCULATION (WORST CASE)	8

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1 DESCRIPTION OF EQUIPMENT UNDER TEST (EUT)

1.1 Product Description

Product Name:	Wireless Home Phone
Brand Name:	Verizon
Model No.:	Genesis

1.2 Evaluation site

Laboratory		Site Address	FCC Designation number/ Registration Number	ISED Company Number	CAB Identifier
SGS Taiwan Ltd. Central RF Lab. (TAF code 3702)	☒	No. 134, Wu Kung Road, New Taipei Industrial Park, Wuku District, New Taipei City, 24803, Taiwan.	TW0027/ 891563	4620A	TW3702
	☐	No. 2, Keji 1st Rd., Guishan Township, Taoyuan County, 333 Taiwan.	TW0028/ 200037	4620E	
	☐	1F, No. 8, Alley 15, Lane 120, Sec. 1, Nei Hu Road, Nei Hu District, Taipei City, 222 Taiwan.	TW0029/ 150169	23862	

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1.3 Antenna Information:

WLAN

Supplier	Antenna Part No.	Freq. (MHz)	Peak Antenna Gain (dBi)
WNC	95XPAA15.G48VZ	2400~2500	4.28
		5150~5250	5.21
		5250~5350	5.21
		5470~5725	5.49
		5725~5850	5.49
WNC	95XPAA15.G49VZ	2400~2500	4.02
		5150~5250	5.14
		5250~5350	5.14
		5470~5725	5.15
		5725~5850	5.15

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Operating Frequency (MHz)				Cellular_Main_Int Peak Gain (dBi)
LTE-Band 2	1850	~	1910	2.29
LTE-Band 4	1710	~	1755	2.29
LTE-Band 5	824	~	849	3.88
LTE-Band 13	777	~	787	3.88
LTE-Band 48	3550	~	3700	-0.30
LTE-Band 66	1710	~	1780	2.29
n2	1850	~	1910	2.29
n5	824	~	849	3.88
n48	3550	~	3700	-0.30
n66	1710	~	1780	2.29
n77	3300	~	3550	-0.30
n77	3700	~	3980	-0.30

Note: Antenna information is provided by the applicant.

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2 MAXIMUM PERMISSIBLE EXPOSURE (MPE)

2.1 FCC Standard Applicable

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

This is a Mobile device, the MPE is required.

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

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 (minute)
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
300-1500	/	/	f/1500	30
1500-100000	/	/	1.0	30

f = frequency in MHz

* = Plane-wave equipment power density

Prediction of MPE limit at a given distance

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

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

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2.2 Power Density Calculation (Worst Case)

Operation Mode	Evaluation Frequency (MHz)	Operation Distance (cm)	Max. Output Power Include Tolerance (dBm)	Antenna Gain (dBi)	Max. EIRP (mW)	Power Density (PD) (mW/cm ²)	Limit (mW/cm ²)	Pass / Fail	Power Density / Limit	Collocated MPE
WLAN 2.4G	2442.00	20	23.5	4.28	599.79	0.119	1.000	Pass	0.119	V
WLAN 5.2G	5180.00	20	23	5.21	662.22	0.132	1.000	Pass	0.132	
WLAN 5.3G	5280.00	20	23	5.21	662.22	0.132	1.000	Pass	0.132	
WLAN 5.6G	5500.00	20	23	5.49	706.32	0.141	1.000	Pass	0.141	
WLAN 5.8G	5850.00	20	23	5.49	706.32	0.141	1.000	Pass	0.141	V

Operation Mode	Evaluation Frequency (MHz)	Operation Distance (cm)	Max. Output Power Include Tolerance (dBm)	Antenna Gain (dBi)	Max. EIRP (mW)	Power Density (PD) (mW/cm ²)	Limit (mW/cm ²)	Pass / Fail	Power Density / Limit	Collocated MPE
LTE-Band 2	1850.70	20	25.7	2.29	629.51	0.125	1.000	Pass	0.125	
LTE-Band 4	1710.70	20	25.7	2.29	629.51	0.125	1.000	Pass	0.125	
LTE-Band 5	824.70	20	25.7	3.88	907.82	0.181	0.550	Pass	0.329	
LTE-Band 13	779.50	20	25.7	3.88	907.82	0.181	0.520	Pass	0.348	V
LTE-Band 48	3552.50	20	22.5	-0.30	165.96	0.033	1.000	Pass	0.033	
LTE-Band 66	1710.70	20	25.7	2.29	629.51	0.125	1.000	Pass	0.125	
NR n2	1850.70	20	25.7	2.29	629.51	0.125	1.000	Pass	0.125	
NR n5	824.70	20	25.7	3.88	907.82	0.181	0.550	Pass	0.329	
NR n48	3552.50	20	23.15	-0.30	192.75	0.038	1.000	Pass	0.038	
NR n66	1710.70	20	25.7	2.29	629.51	0.125	1.000	Pass	0.125	
NR n77	3300.00	20	25.7	-0.30	346.74	0.069	1.000	Pass	0.069	

Conclusion: Source-base time average power is below Exemption Criteria and/or Routine Evaluation MPE thresholds, therefore the device is compliant FCC RF exposure requirement.

Note: For conservativeness, the lowest uplink frequency of each band is used to determine the MPE limit of that band.

2.2.1 Collocated Power Density Calculation

Operation Mode	Power Density / Limit	Σ (Power Density / Limit)
WLAN 2.4G	0.119	0.608
WLAN 5G	0.141	
WWAN	0.348	

Note:

1. Σ (Power Density / Limit): This is a summation of [(Power Density for each transmitter/antenna included in the simultaneous transmission) / (corresponding MPE limit)].
2. Considering the collocated transmitters, the aggregated (Power Density /limit) is smaller than 1, and MPE of collocated transmitters is compliant

~ End of Report ~

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