Statement of FCC compliance to Maximum Permissible Exposure (MPE)

Applicant : GES Singapore Pte Ltd.
28 Marsiling Lane, Singapore 739152

Manufacturing site : Same as applicant

Product Name : 802.11a/b/g/n/ac + BT 4.1 M.2 2230 Type Card

Type/Model : QCNFA364A

TEST RESULT : PASS

According to §2.1091, §2.1093 and §1.1307(b), 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.

The $S = PG / (4\pi R^2)$
Where S = power density in mW/cm^2, P = transmit power in mW
G = numeric gain of transmit antenna, R = distance (cm)

The assessment in this report is based on the report 171100706SHA-001/-002/-003/-004.
These calculations represent worst case in terms of the exposure levels.

Mode	Max Power		Antenna Gain		R	S	Limits
	dBm	mW	dBi	Numeric	cm	mW/cm^2	mW/cm^2
Wi-Fi 2.4G	21.71	148.25	2.6	1.82	20	0.215	1
Wi-Fi 5G	19.17	82.60	5	3.16	20	0.208	1
Bluetooth LE	-1.40	0.72	2.6	1.82	20	0.001	1
Bluetooth EDR	5.00	3.16	2.6	1.82	20	0.005	1

For the device supports Wi-Fi and Bluetooth transmitting simultaneously,
The worst MPE = 0.215 +0.005 = 0.22 mW/cm^2 < the limit of 1 mW/cm^2.

Date of issue: Dec 15, 2017

Prepared by: Reviewed by:

Wakeyou Wang (*Project Engineer*) Daniel Zhao (*Reviewer*)

FCC ID: 2AOJ9-7357622

Appendix I

Definition below must be outlined in the User Manual:

To satisfy FCC RF exposure requirements, a separation distance of 20 cm or more should be maintained between the antenna of this device and persons during device operation.
To ensure compliance, operations at closer than this distance is not recommended.