

## Attestation Letter

March 25, 2019  
MSBD-18-F010

Federal Communications Commission  
Authorization and Standards Division  
7435 Oakland Mills Road  
Columbia, MD 21046 USA

Subject: Class II Permissive Change Application for Panasonic Single Modular,  
Model WW18A under FCC ID: ACJ9TGWW18A Certified Under FCC Parts 22H, 24E, 27 and 90  
For Installation within Panasonic Personal Computer, Model FZ-55 (mk1 series)

To whom may it concern:

We, Panasonic Corporation of North America performed MPE evaluation to mount the module WW18A into the mobile host (Panasonic PC Model FZ-55). The radiated emission testing was not additionally performed due to the following reasons:

- (1) The original FCC testing of the module WW18A was performed when the antenna was connected to the module in an open environment. Under this application, the WW18A itself and its antennas installed inside the host PC enclosure. The physical restraints introduced by the host PC enclosure should have resulted in equal or lower level of radiated emission.
- (2) The original FCC testing of the module WW18A was performed with an antenna of higher gain:

699 MHz - 716 MHz: 6dBi  
777 MHz - 787 MHz: 6dBi  
788 MHz - 798 MHz: 6dBi  
814 MHz - 849 MHz: 6dBi  
1710 MHz - 1780 MHz: 6dBi  
1850 MHz - 1910 MHz: 6dBi  
2305 MHz - 2315 MHz: 1dBi  
2496 MHz - 2690 MHz: 9dBi

Sincerely,



Ben Botros  
Project Manager  
Panasonic Corporation of North America  
Product Safety & Compliance Department