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## Attestation Letter

November 26, 2019  
MSBD-19-F014

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: ACJ9TGWW18B / Certified Under FCC Parts 22H, 24E, 27 and 90  
For Installation within Panasonic Personal Computer Model CF-20

To whom may it concern:

We, Panasonic Corporation of North America performed SAR test to mount the module WW18A into the portable host (Panasonic PC Model CF-20). The radiated emission testing was not additionally performed due to the following reasons:

- 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.
- Additionally, the integrated host CF-20 contains another wireless module (WL16A). However, although both wireless modules (WW18A and WL16A) operate simultaneously, Internal testing confirmed that there is no influence on the emissions levels due to these simultaneous transmissions. Therefore, the host device remains compliant with the regulations.
- 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  
Regulatory Manager  
Panasonic Corporation of North America