

Attestation Letter

October 15, 2021
MSBD-21-F008

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 WW21A under
FCC ID: ACJ9TGWW21A / Certified Under FCC Parts 22H, 24E, 27, 90 and 96
For Installation within Panasonic Personal Computer Model FZ-G2

To whom it may concern:

We, Panasonic Corporation of North America performed SAR test to mount the module WW21A into the portable host (Panasonic PC Model FZ-G2). The radiated emission testing was not additionally performed due to the following reasons:

- The original FCC testing of the module WW21A was performed when the antenna was connected to the module in an open environment. Under this application, the WW21A 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 FZ-G2 contains another wireless module (WL20B). However, although both wireless modules (WW21A and WL20B) 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 WW21A was performed with an antenna of higher gain:
663 MHz - 698 MHz: 5.5Bi 699 MHz - 716 MHz: 5.5dBi
704 MHz - 716 MHz: 5.5dBi 777 MHz - 787 MHz: 5.5dBi
788 MHz - 798 MHz: 5.5dBi 814 MHz - 849 MHz: 6.0dBi
1710 MHz -1780 MHz: 5.5dBi 1850 MHz -1915 MHz: 8.5dBi
2305 MHz - 2315 MHz: 0dBi 2496 MHz -2690 MHz: 7.0dBi
2500 MHz - 2570 MHz: 5.5dBi 3500 MHz - 3700 MHz: -1.8dBi

Also we confirm that MPR specified in 3GPP will be permanently implemented in WW21A. When DSI1 is applied to each LTE bands, the MPR value is set to 0. We confirm the specific MPR targets and tolerances shown in the SAR Report.

Thank you for your attention in this matter.

Sincerely,



Ben Botros
Manager – Regulatory and Compliance
Panasonic Corporation of North America