a) Spurious radiated emission data should be provided for the DTS and NII test reports using the optional external whip antenna described in the cover letter (the NII emissions may not need to be tested if the external whip antenna is only tuned to the 2.4 GHz band).

    a. The DTS report has been modified to include radiated measurements taken while the EUT is transmitting through the external whip antenna attached via a TNC connection to the underside of a vehicle docking station. Since the external antenna is tuned for optimal performance in the 2.4GHz band only, additional radiated measurements for the UNII bands were not made.

b) Please address Section 15.203 for the WLAN external whip antenna (both the DTS and NII applications) – a TNC connector is mentioned in the cover letter.
    a. The TNC connector is only on the car mounter and is for use only with the WLAN device and not the UNII operation. The car mounter is for use only in professional installations. The CF-30 antennas are all internal.

c) Please verify that the antenna gains used in the MPE report are correct: the same gain was used, in one case, for both the cellular and PCS bands (0.1 dBi), and in another case, for both the 2.4 and 5.8 GHz bands (0.94 dBi).

    a. According to the "Q" sheet, the antenna specifications given are the maximum antenna gains for each wireless transmitter. There is no additional information regarding different antenna gains for two different bands employed by a transmitter (i.e. Cellular/PCS and 2.4GHz/5.8GHz).

d) Please correct the emission designators on p.1 of the 22/24 EMC report: the measured occupied bandwidth should be used, and not the measured emission bandwidth (26 dBc).

    a. Discrepancy has been addressed. Please see revised test report.

e) Please correct the UNII Hi Band output power listed on p.1 of the NII report (11.38 dBm is listed in the actual data).

    a. Discrepancy has been addressed. Please see revised test report.

f) Please provide a statement verifying that the DFS Report from Elliott Labs is applicable to the EUT.
    a. The Elliott Labs DFS test report for the CF-30 is applicable to all CF-30 family as they are of the same construction and contain the same WLAN card.

g) Please address Sections 15.407(c) and (g) (in the same way that they were addressed for the previous Panasonic application).

    a. Information regarding how compliance with 15.407(c) is met can be found in Section 2 "System Architecture" of the Intel operational description. Frequency stability data over temperature and voltage is included in the test report for showing compliance with 15.407(g).