



October 8, 2018

Federal Communications Commission  
7435 Oakland Mills Road  
Columbia MD 21046

To whom it may concern:

CyberOptics Corporation is submitting this application for a Class II Permissive Change of the Mitsumi Bluetooth Transceiver, Model WML-C40. The Mitsumi has full modular approval under FCC ID: SPD003 (a multiple listing for CyberOptics). CyberOptics is seeking a C2PC in order to add another type of antenna. The new Antenna configuration will have the Bluetooth transceiver installed in CyberOptics wireless Auto-Particle-Sensors, M/N WaferSense APS3/APS-FPD. The following are the changes from the original filing:

- 1) Changed antenna design from a IFA PCB trace antenna on the AMS model to a IFA PCB trace antenna on the APS series of products. The PCB for the APS3 and the APS-FPD are identical. The only difference is the APS3 product has the circuit board mounted on a carbon fiberglass composite material, while the APS-FPD is mounted to peek plastic material.
- 2) No changes have been made to the Radio electrically or in the software.

The new antenna configuration was tested for Spurious Radiated Emissions to ensure that the emission characteristics are still within the guidelines of 47 CFR 15.247.

Description and operational use of the APS3/APS-FPD sensor is covered in documents "8026588 Electrical Design Description APS3 APS-FPD", filed under exhibit type Operational Description, and "APS3-8025869-User-Guide-Rev\_A", filed under exhibit type User Manual.

Best Regards,

A handwritten signature in black ink, appearing to read "Bud Sundeen".

Bud Sundeen  
Sr. Compliance Engineer  
CyberOptics Corporation  
5900 Golden Hills Drive  
Golden Valley, MN 55416