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Date: 2016-03-29

Dear Application Examiner:

Subject: Class 2 Permissive Change Model: Welch Allyn 802.11 a/b/g wireless radio

Welch Allyn, Inc. grantee code PGU is submitting this application for a Class 2 Permissive Change for the Welch Allyn 802.11 a/b/g radio FCC I.D.:PGUWA11ABG09 operating as a 47 CFR 15.247 DTS radio. The change is to comply with; Revision of Part 15 of the Commission's Rules to Permit Unlicensed National Information Infrastructure (U-NII) Devices in the 5 GHz Band ET Docket No. 13-49

The client device is a SISO radio with 1 stream and 1 antenna, with no ad-hoc capability on 802.11a (20MHz). It employs an IP system architecture, Transmit Power Control (TPC) is not required since the maximum EIRP is less than 500mW (27dBm). The transmitter has an Isolated Magnetic Dipole (IMD) antenna. In our application we utilize one antenna port; the antenna assembly has been measured at 5600.00 with a maximum gain of 2.54 dBi.

The accompanying technical report PROT0346 and exhibits demonstrate compliance with FCC Rule 47 CFR 15.247 and CFR 47 15.407. Because the radio is not an OEM product, it shall only be installed in Welch Allyn products, eliminating possibility of being used by another party.

Your efforts in reviewing this application are greatly appreciated.

Sincerely,

A handwritten signature in blue ink, appearing to read "Robert W. Berry".

Robert W. Berry
Regulatory Affairs Manager