



Quality Assurance & Regulatory Affairs  
8500 SW Creekside Place  
Beaverton, OR 97008

Date 2009-06-09

Dear Application Examiner:

Welch Allyn, Inc. is submitting this application for the original certification of their 802.11a/b/g radio card. Welch Allyn is seeking full modular approval of the radio in a mobile RF exposure configuration for use with the applicant's medical devices. The 802.11a/b/g radio card's FCC ID is PGUWA11ABG09. It operates in the 2400 – 2483.5 MHz and 5725 – 5850 MHz bands as a 15.247 DTS radio. It also operates in the 5150 – 5250 MHz, 5250 – 5350 MHz, and 5470 – 5725 MHz bands as a 15.407 UNII radio. The radio operates only at 6Mbps in the 5 GHz bands; but 1-54 Mbps in the 2.4 GHz band.

The radio is DFS compliant as a client-only device with no radar detection capability. It is not capable of ad-hoc connection either.

The radio utilizes one PIFA. This configuration satisfies the requirements of 47 CFR 15.203.

The technical reports and exhibits demonstrate compliance with FCC rules 47 CFR 15.247 and 15.407:

- Report #PROT0309 (802.11b/g portion of the radio tested to FCC 15.247)
- Report #PROT0295.2 (802.11 a portion of the radio tested to FCC 15.247 for the 5725 – 5850 MHz band)
- Report #PROT0295 (802.11 a portion of the radio tested to FCC 15.407 for the 5150 – 5350 MHz and 5470 – 5725 MHz bands).

Please note, the Welch Allyn 802.11a/b/g Wireless PC Card is referred to by several different part numbers and names throughout the exhibits, commonly referred to as LAMARR. The part numbers and names are internal to Welch Allyn and were used through the design process. The final model name is Welch Allyn 802.11a/b/g Wireless Radio.

Because the radio is not an OEM product, it will only be installed with Welch Allyn products, so there is no possibility that it could be used in a normal PC laptop. The connector is not compatible with a PC laptop connector.

Your efforts in reviewing this application are greatly appreciated.

Best regards,

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

Robert W. Berry, Regulatory Affairs Manager