

HOW THE EUT MEETS THE REQUIREMENTS OF 15.31 (e)

The fundamental was maximized on the test site using a normal test setup with the Wireless Interface Unit Model: ADWI (EUT) power cord connected directly to the AC public mains (115 VAC).

Next, the EUT's power cord was then connected to the Staco Energy Products Variable Auto Transformer Model: 3PN1010. The Variable Auto Transformer allows the Vac input to be varied.

The EUT's power cord was then connected to the Staco Energy Products Variable Auto Transformer Model: 3PN1010. The AC input was then dropped to 85% (97.75 Vac) and raised to 115% (132.25 Vac). The actual AC input was measured using a calibrated Fluke Multimeter Model: 87, Serial Number: 51350019, Calibration Due Date: July 11, 2004. The fundamental was then verified again to see that the amplitude did not change.

Test Result: The Wireless Interface Unit Model: ADWI (EUT) does NOT change amplitude at the fundamental when the AC input voltage is varied between 85% and 115% of the input nominal rated supply voltage.