

HOW THE EUT MEETS THE REQUIREMENTS OF 15.31 (e)
FOR THE GEFEN, LLC
WIRELESS RS232 EXTENDER
P/N: EXT-WRS232S

External Power Mode: The fundamental was maximized on the Lab D test site using a normal test setup with the EUT connected directly to the AC public mains (115 Vac).

Next, the EUT 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 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: 956410240, Calibration Due Date: May 28, 2010. The fundamental of the EUT was then verified again to see that the amplitude did not change.

Test Result: The 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.

RS232 Power Mode: The fundamental was maximized on the Lab D test site using a normal test setup with the EUT being powered by the serial port of the computer.

Next, the AC input of the computer 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 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: 956410240, Calibration Due Date: May 28, 2010. The fundamental of the EUT was then verified again to see that the amplitude did not change.

Test Result: The EUT does NOT change amplitude at the fundamental when the AC input voltage of the computer is varied between 85% and 115% of the input nominal rated supply voltage.