

Responses to Non-Conformities FCC ID: DF6-SRWL306 (Ref # E01-000012-1)

- Item 1. Form 731 states the FCC ID number is DF6SRWL306. Label states the FCC ID number is DF6-SRWL306. Please confirm
- Received Response 2/19/2001 - Please change the FCC ID number on the 731 Form to DF6-SRWL306.
- Item 2. Internal Photos unclear, Please provide legible photos of the interior of the device.
Received Response 2/19/2001 - New photos have been uploaded.
- Item 3. Please indicate the proper frequency range tested in accordance with section 15.33.
Received Response 2/19/2001 - Sections 15.205 and 15.209: Testing to restricted bands is detailed under the tables in the test report on pages 16,23 and 29 (for conducted measurements) and on pages 17,24 and 29 (for radiated measurements).
- Conducted and radiated emissions measurements were performed in the frequency range 30MHz to 25GHz.
- Section 15.207: Conducted emissions were performed Phase-Gnd and Neutral- Gnd in the frequency range 0.45 - 30MHz.
- Item 4. Please indicate compliance to section 15.205 throughout the frequency range required per section 15.33
Received Response 2/19/2001 - Sections 15.205 and 15.209: Testing to restricted bands is detailed under the tables in the test report on pages 16,23 and 29 (for conducted measurements) and on pages 17,24 and 29 (for radiated measurements).
- Conducted and radiated emissions measurements were performed in the frequency range 30MHz to 25GHz.
- Section 15.207: Conducted emissions were performed Phase-Gnd and Neutral- Gnd in the frequency range 0.45 - 30MHz.
- Item 5. Please indicate compliance to section 15.209 throughout the frequency range required per section 15.33
Received Response 2/19/2001 - See item 4 above.
- Item 6. Please provide adequate information regarding the measurement standards used, as per section 15.31.
Received Response 2/19/2001 - Testing was performed as per ANSI C63.4-1992. Measurements were performed using the equipment detailed on page 52 of the test report. The particular equipment used for each requirement is referenced in the bottom left hand corner of each relevant page of the test report.
- Pictures of the test set ups for both conducted and radiated measurements are shown on pages 53-57 of the test report. Measurements were performed conducted and radiated as clearly indicated for each clause.
- Spurious limits for the measurements to 15.209 are based upon the antenna gain and semi-anechoic chamber.

- Item 7. Please provide adequate documentation of the test conditions and EUT setup.
Received Response 2/19/2001 - The test signal was set as per the test instructions below to:
- i) Be a modulated signal
 - ii) Set to highest data rate
 - iii) Set to correct antenna in software to enable correct power level transmission
 - iv) set to continuous transmission on low, middle and high channels in turn or
 - v) set in receive mode
- (See attached file: WL-306 Test Instructions (FCC).pdf also uploaded.)
- Item 8. Please indicate testing procedure used
Received Response 2/19/2001 - Included with item 6 above.
- Item 9. User manual indicates 100mW (20dBm), the test report indicates 12.4dBm and form 731 indicates 17.4dBm, please clarify
Received Response 2/19/2001 - The 731 Form has 17.4mW listed, not 17.4Bm. The 17.4mW correlates with the 12.4dBm listed in the test report. The user manual listed the 100 mW (20dBm) because this same device is going to be sold in Europe where they are allowed more power. The manual will be revised to distinguish the customer differences
- Received Revised Manual 3/1/01.
- Item 10. Please provide adequate data to show compliance with section 15.247(e).
Received Response 2/19/2001 - Three files provided by the chipset manufacturer, were uploaded. All FCC requirements were supplied in this data.