

Barry Quinlan

From: "Sariredjo, Derick" <derick.sariredjo@intersil.com>
To: "Certification Manager (E-mail)" <certification@curtis-straus.com>
Sent: Friday, August 31, 2001 10:40 AM
Attach: 14 ISL37300U-eval Data Sheet r1 31Aug2001.pdf; 07 MPE Eng analysis rev 1.0 ISL37300U.pdf
Subject: RE: OSZ37300U

Dear Barry,

Please find our response below:

1. Please find revised manual attached.
2. The device is powered from the 5 VDC of the USB port of PC host. This voltage is further regulated to 3.3 volts on the ISL37300U board.
The AC regulation comes from the host PC which maintains AC regulation < 1%. So Voltage variations on the PC Host AC mains power supply do not have significant effect on DC of the USB bus.
3. The device is equipped with Hirose model U.FL antenna connectors, which are not any kind of industry standard (also not generally/readily available in electro shops) and can therefore be considered unique and non-standard as required under part 15.203.
4. Please find MPE exhibit rev. 1.0 attached.

Best regards,

Derick Sariredjo (derick.sariredjo@intersil.com)
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-----Original Message-----

From: Barry C. Quinlan [mailto:certification@curtis-straus.com]
Sent: Thursday, August 30, 2001 6:03 PM

To: Sariredjo, Derick
Subject: OSZ37300U

Dear Derick,

Here is the review for this one. A few issues to tidy up.

1. The RF exposure information in the manual, while detailed, is inadequate. You need to warn the user to keep people 20 cm away from the transmitter. Please insert the following caution in the manual: "CAUTION: To comply with FCC RF exposure compliance, a separation distance of at least 20 cm must be maintained between the antenna of this device and all persons."
2. Please provide data responsive to the voltage variations requirement of 15.31(e).
3. Please confirm that the antenna is permanently soldered to the PCB or describe method of compliance with 15.203.
4. The MPE exposure exhibit seems to take the conducted power output values for the device directly and does not compensate for antenna gain. Please review this exhibit and submit a new one which uses the gain of the antenna. Alternately, use the measured values of field strength to calculate MPE.

Jon Curtis for:

Best regards

Barry C. Quinlan
Certification & Telecom Manager

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