

Barry Quinlan

From: "Sariredjo, Derick" <derick.sariredjo@intersil.com>
To: "Certification Manager" <certification@curtis-straus.com>
Sent: Monday, July 23, 2001 9:49 AM
Subject: RE: FCC ID: OSZ36342U

Hi Barry,

please find our response below:

1. The device is powered from the 5 Vdc from the USB port of PC host. This voltage is further regulated to 3.3 volts on the ISL36342U.

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.

2. The data for the 2483.5 MHz is on page 106. The highest test frequency corresponds to channel 11 @ 2462.0 MHz.

3. The SMA connector is just for manufacturing test and is removed prior to shipment. The DC power jack is optional, and is intended to be shipped with

each unit. The output of the DC supply is 4.5 to 6 volts over load and AC variations. This input is regulated to 3.3 Vdc. All circuitry on the

ISL36342U including the power amplifier run on 3.3Vdc. The total variation of the regulator over input voltage, load, temperature and set-on is < 2%.

Therefore, the worst case variation possible on the transmitted power is $20 \cdot \log(.98) = .18$ dB

4. Final label material will be as below and is durable, tamper proof and legible:

Material: Compucal II Tampermark MM 200 silver void II, Thickness: T=0.12mm (include single stick), Adhesive: V-23 adhesive"

The labels on the photographs supplied are plain paper printed and only for pre-production indication purposes.

I trust this clarifies the matter,

Best regards, Derick

-----Original Message-----

From: Certification Manager [mailto:certification@curtis-straus.com]

Sent: Thursday, July 19, 2001 9:33 PM

To: Sariredjo, Derick
Subject: FCC ID: OSZ36342U

Hi Derick,

We have identified these issues following our review of the application:

1. Please supply data responsive to the 15.31(e) power supply variation requirements.
2. Please supply or point us to the results for field strength at the band edge measurements at 2483.5MHz while transmitting at the highest operating channel.
3. Please confirm the SMA connector is not intended to have an antenna connected to it.
4. Please specify the label material.

Best regards

Barry C. Quinlan
Certification & Telecom Manager

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