

Date: November 15, 2006

FCC ID: UOPJLD-2

1. Block diagram – it needs to indicate the frequencies generated in the transmitter and does not need to include the receiver. The schematics show four different reference oscillators so the block diagram needs to show these four plus the output frequency. The **operational description** should include information about how the source clocks are converted to the output frequency.

Block diagram and operational description were both updated

2. Label – please explain how the label is durable and permanently affixed to the device (reference Part 15.19 (4) *“The label shall not be a stick-on, paper label. The label on these products shall be permanently affixed to the product and shall be readily visible to the purchaser at the time of purchase, as described in Section 2.925(d) of this chapter. “Permanently affixed” means that the label is etched, engraved, stamped, silkscreened, indelibly printed, or otherwise permanently marked on a permanently attached part of the equipment or on a nameplate of metal, plastic, or other material fastened to the equipment by welding, riveting, or a permanent adhesive. The label must be designed to last the expected lifetime of the equipment.”*

The label information will be silk-screened onto the product. An attestation letter explaining this has been provided.

3. The third harmonic of all but the lowest channel falls in a restricted band. The limit in this band is 54dBuV/ average, 74dBuV/m peak. It looks like the emissions will all continue to be compliant with the lower limit. Please update the test report with the correct limits and margins.

Report has been updated with the correct limits. All peak measurements have been compared to the average limit to demonstrate compliance with both peak and average limits.

4. It appears that the transmitter can control different command signals. Please explain how the duty cycle measured was for the worst case transmission.

All peak measurements have been compared to the average limit to demonstrate compliance with both peak and average limits. Duty cycle correction has been removed.

5. Please confirm that the buttons on the device are not latched but only remain on while they are being pressed (i.e. the user does not push the button to activate the transmitter and then push it again to deactivate the transmitter). Additionally, please provide a plot showing that the duration of the transmission is less than 5 seconds once the button has been released. (This plot should be at least 10 seconds long to clearly show that there is only the single transmission).

A plot has been provided to show the device switching off immediately after the release of the button, which is not latched.