

Date: October 17, 2006

Reference: FCC ID UMYJLD-1

- 1) Block diagram is missing frequencies and transmitter detail.

Block diagram revised.

- 2) Operational description does not address how the transmitter is activated (manual control - transmits once per push or continues to transmit until button released). If it transmits until the button is released then the button cannot be "locked" into an on position, it must be held down by the user. The Test Report refers to manually activated with transmission less than 5 seconds after automatic deactivation - please explain.

The test report was revised to explain that the transmission only occurs when the button is pushed. The button does not lock into place.

- 3) Operational description does not address the transmission code with enough information to support the claim for the duty cycle calculation. It appears that the transmitter is capable of transmitting at least two codes (one for extend and one for retract). The operational description should better explain the transmitted sequence to support the use of the correction factor as being the worst case (highest) duty cycle. Alternatively, compliance may also be demonstrated by comparing the peak measurements to the (correct) average limit.

The test report was revised to show the duty cycle for both retract and extend transmission codes.

- 4) Please provide a plot showing the transmission duration - the plot should indicate the instant at which the button was released and the time between the button being released and end of the transmission.

The test report was revised to show the plot.

- 5) Limit at 1301 MHz is incorrect and should be the general limit of 54dBuV/m average and 64dBuV/m peak as the emission is in a restricted band. Please correct the data - the data suggests that the emission is below the limit.

The test report was revised.

- 6) Occupied bandwidth measurement (20dB bandwidth) - per ANSI C63.4 analyzer video bandwidth shall be greater than the resolution bandwidth, and the resolution bandwidth shall be at least 1% of the measured bandwidth. The measurement was made with RB=120kHz and VB = 3kHz. Note that the limit is 0.25% of 433.7MHz (1.08 MHz), so resolution bandwidth should be $\geq 10\text{kHz}$. The limit calculated in the table on page 53 is incorrect.

The test report was revised.

Date: October 25, 2006

Reference: FCC ID UMYJLD-1

Thank you for your response to my previous questions. They resolved many of the issues. I do need the following, however, to complete the application.

- 1) It appears that the grantee code is no longer valid, please check with your client. I have also asked the FCC administrative section to see if they know what is wrong.

Administrative issue has been resolved via EASADmin ... grantee code was changed from UMY to UDQ. Label, external photos showing label and report all updated with new grantee code.

- 2) The plot showing the transmission duration is still too short to clearly demonstrate that the transmission is less than 5 seconds long. A plot of at least 5 seconds (preferably 10 – 20 seconds duration) with the transmission burst somewhere in the middle of the plot would help demonstrate that a single transmission is less than 5s long.

Plot inserted into report