

Response to TCB Findings

1. Please clarify how the device complies with 15.231(a)(3) in the auto mode. Periodic transmissions at regular predetermined intervals are not permitted. On Pg 4 of the operational description transmission intervals in auto mode as explained must be clarified and compliance with this section must be justified.

The RF Remote Handset does not automatically transmit unless there is a change in room temperature or if the user changes the set temperature manually.

In other words, the RF does not or will not automatically re-transmit unless there is an outside influence or manual intervention.

Refer to revised APPENDIX C_OPERATION DESCRIPTION

2. The duty-cycle calculation must be made over the worst 100ms pulse train as explained in 15.35(c). From the plots supplied it appears that lower duty-cycle correction is available in 100ms pulse train. Please re-calculate and correct the test report. The fundamental level appears to be above the limit when corrected for duty-cycle.

Refer to revised APPENDIX J-Duty Cycle (transmission time was reduced and more blanking was inserted within the worst 100ms pulse train by the software, no changes were made to the hardware). Also refer to revised test report (Section 4.4).

3. Please specify the RBW and VBW settings of the measurement system for the peak readings listed in Section 4.4 of the report.

Below 1 GHz, the RBW = 120 kHz and the VBW = 300 kHz.

Above 1 GHz, the RBW = 1 MHz and the VBW = 1 MHz.