

## **Response to TCB Findings**

1. Please specify the type of the modulation used in the devices (Remote and Bridge)

Response: The transmitters use Direct Sequence Spread Spectrum (DSSS) modulation with Gaussian Frequency Shift Keying (GFSK).

2. The peak conducted output power and EIRP levels measured are significantly different. Please justify this difference.

Response: FCC requires conducted power measurements for 15.247 devices. Since this product does not normally have an antenna connector on board, a makeshift configuration was devised where the antenna traces were cut and an SMA connector was soldered on in place of the antenna. It is probable that the conducted power readings were artificially low, and when compared to the EIRP as calculated from a maximized field strength, would cause the directional gain to be artificially high.