

# Antenna Information

---

Compliance to 15.203 - The custom antenna is designed to ensure no other antenna can be utilized since it is permanently soldered in place.

Gain = EIRP – Conducted = -9.50 – (-4.84) = **-4.66 dBi**

**Antenna Gain = -4.66 dBi**

EIRP was taken in the OTA test chamber while 3D polar plots of the transmitter were being created. Conducted was taken by removing the antenna and directly connecting a spectrum analyzer to PCBA 24W138 used in pendent assembly 17U762. All testing was completed at Element Materials Technologies Brooklyn Park test site.

