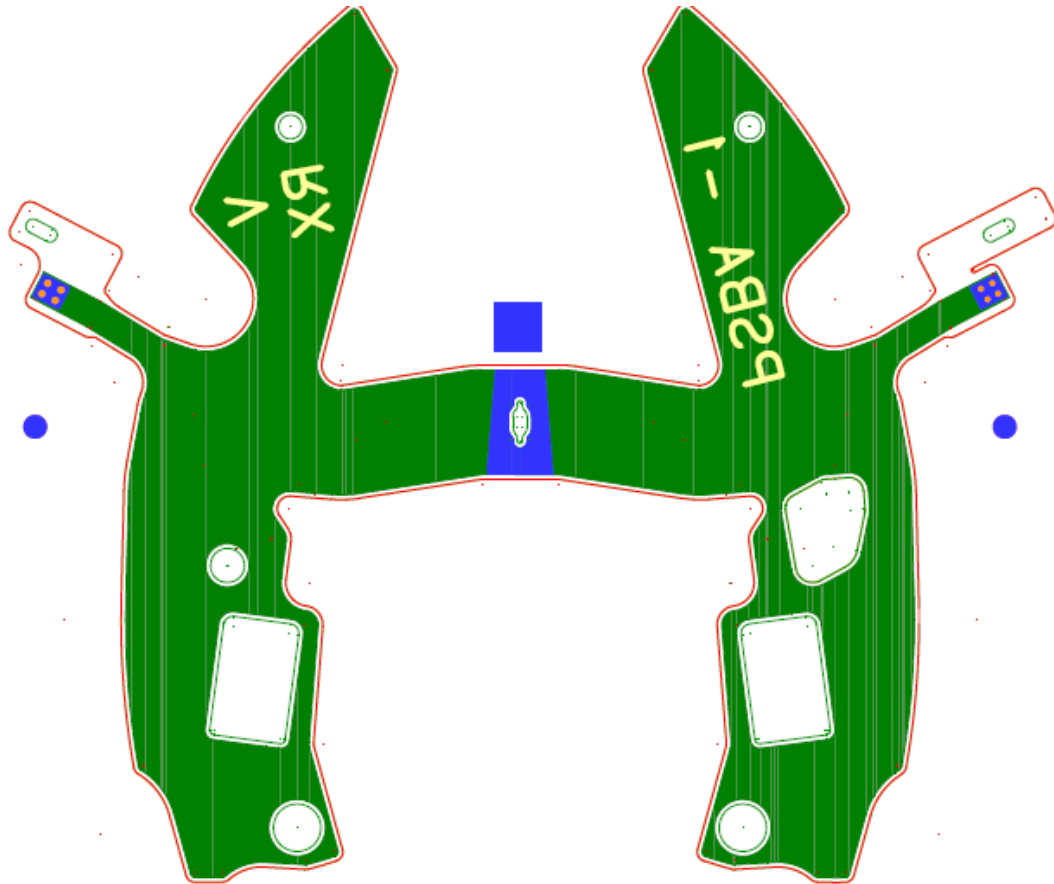
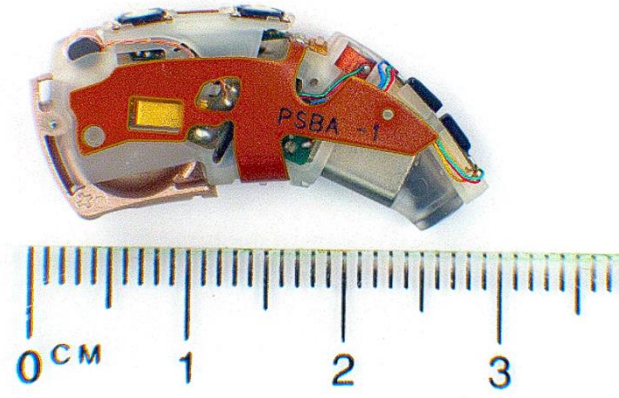


Livio BTE 13 Antenna Description

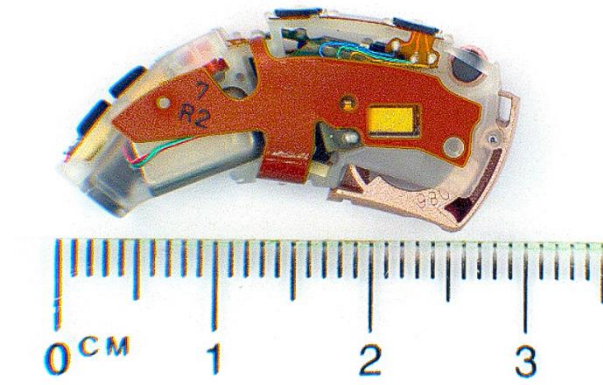
The Bluetooth 2.4 GHz antenna is a bow tie. The antenna is constructed on a polyimide flexible circuit. The flexible circuit uses 1 ounce copper (1.4 mil).

The peak gain of the antenna in the assembled DUT is -5.5 dBi.

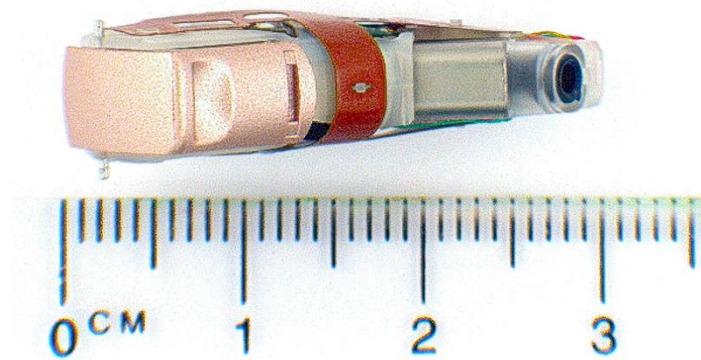




Right side



Left side



Bottom view

Figure 1 2.4 GHz Antenna

The 10.281 MHz NFMI antenna is a coil wrapped on a ferrite core

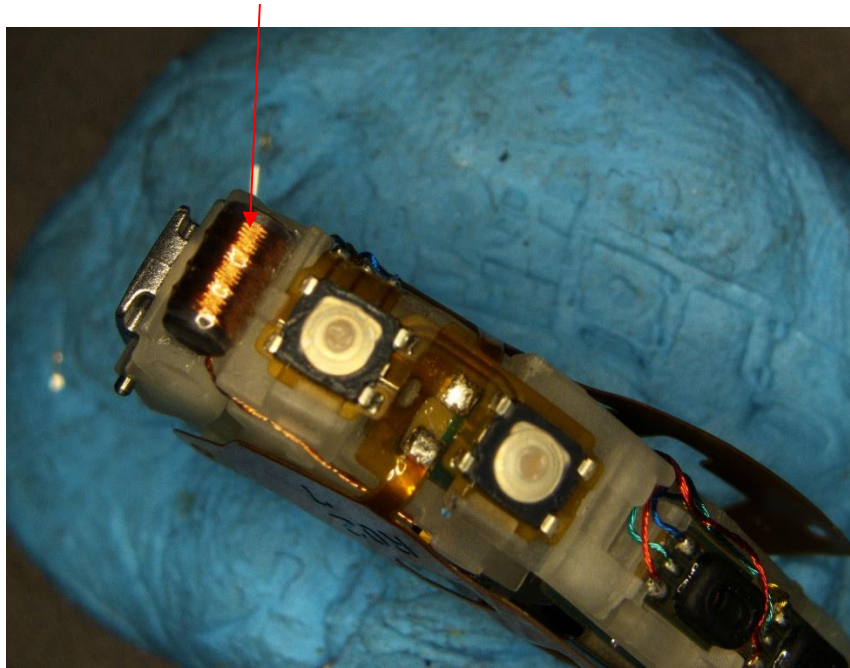


Figure 2 **NFMI Antenna**

The NFMI antenna coil is a cylinder of nominal radius 1.125 mm and length 4.2 mm. There are 21 turns going down the coil, and 3 turns coming back, which are needed because the wire feed is only along one end of the coil.