

Dysonics, RondoMotion
OPERATIONAL DESCRIPTION OF UNIT
(This section has been added to the test report.)

1.6 OPERATIONAL DESCRIPTION OF EUT

The RondoMotion device (EUT) is a portable, self-contained, headset-mountable sensor using Bluetooth v4.0 Low Energy digital modulation technique. 3-axis orientation and acceleration data is transmitted to a paired device supporting the BLE v4.0 stack architecture. The on-board MPU6050 gyro/accelerometer chip provides this data to the Texas Instrument CC2540 system-on-chip which handles all data packet formatting, communication, handshaking, radio control and transmission functions. The negotiated channel RF signal is output from the PCB-mounted omni-directional ceramic chip antenna.