Acc setup

Directiory C:\Texas Instruments\BLE-CC254x-1.4.0\_2\Projects\ble\SensorTag

In had\_acc.c

// CTRL1 BIT MASKS

#define ACC\_REG\_CTRL\_PC 0x80 // Power control '1' On '0' Off

#define ACC\_REG\_CTRL\_RES 0x40 // Resolution '1' High '0' Low

#define ACC\_REG\_CTRL\_DRDYE 0x20 // Data Ready '1' On '0' Off

#define ACC\_REG\_CTRL\_GSEL\_HI 0x10 // Range '00' +/-2g '01' +/-4g

#define ACC\_REG\_CTRL\_GSEL\_LO 0x08 // '10' +/-8g '11' N/A

#define ACC\_REG\_CTRL\_GSEL\_TDTE 0x04 // Directional Tap '1' On '0' Off

#define ACC\_REG\_CTRL\_GSEL\_WUFE 0x02 // Wake Up '1' On '0' Off

#define ACC\_REG\_CTRL\_GSEL\_TPE 0x01 // Tilt Position '1' On '0' Off

// Optional resolution setting, use high-power (12-bit) or low-power (8-bit)

//#if defined ( FEATURE\_ACC\_12BIT )

#define ACC\_REG\_RESOLUTION ACC\_REG\_CTRL\_RES

//#else

// #define ACC\_REG\_RESOLUTION 0

//#endif

// Range +- 2G

#define ACC\_REG\_CTRL\_ON\_2G ( ACC\_REG\_CTRL\_PC | ACC\_REG\_RESOLUTION )

#define ACC\_REG\_CTRL\_OFF\_2G ( 0 | ACC\_REG\_RESOLUTION )

// Range +- 4G

#define ACC\_REG\_CTRL\_ON\_4G ( ACC\_REG\_CTRL\_PC | ACC\_REG\_CTRL\_GSEL\_LO | ACC\_REG\_RESOLUTION )

#define ACC\_REG\_CTRL\_OFF\_4G ( 0 | ACC\_REG\_CTRL\_GSEL\_LO | ACC\_REG\_RESOLUTION )

// Range +- 8G

#define ACC\_REG\_CTRL\_ON\_8G ( ACC\_REG\_CTRL\_PC | ACC\_REG\_CTRL\_GSEL\_HI | ACC\_REG\_RESOLUTION )

#define ACC\_REG\_CTRL\_OFF\_8G ( 0 | ACC\_REG\_CTRL\_GSEL\_HI | ACC\_REG\_RESOLUTION )

IN accelerometerservice.h

// Length of sensor data in bytes

#define ACCELEROMETER\_DATA\_LEN 6 ///

IN accelerometerservice.c

// Characteristic Value: data

static uint8 sensorData[SENSOR\_DATA\_LEN] = { 0, 0, 0,0,0,0};