# Tuscany FCC, Variant and Serial number Label Specification

*Author: S.Marlow*
*Version: 1.0 (23rd August 2013)*

## 1) Data Format
Refer to Figure 1.
Line 1 – FCC ID
Line 2 – Hardware code (Variant)
Line 3 – Serial Number
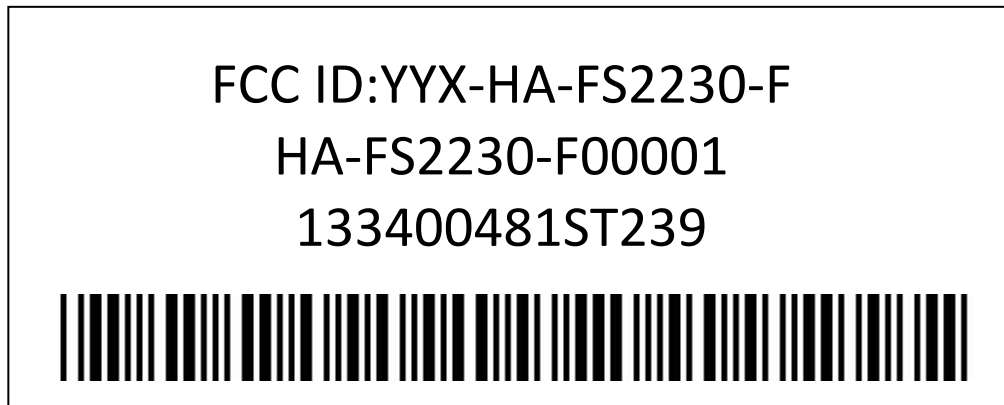Line 4 – Barcode – This should match the serial number



**FCC ID:YYX-HA-FS2230-F**

**HA-FS2230-F00001**

**133400481ST239**

**Figure 1**

## 2) Barcode Encoding
Code 128
Only encode the 12 characters of the BD address (exclude the characters "BD: " from the barcode)

## 3) Barcode Label Size
Height = 8mm
Length = 20mm
Dimension tolerance +/- 1mm

## 4) Text size and font
Font= Arial bold
Font size = 3

## 5) FCC ID
This field is defined by the FCC

## 6) Hardware Code/Variant
This field matches FS assembly number for the varaint

## 7) Serial Number
Individual serial number of the form:
yywwaaaaaffmmm  eg. 133400481ST239

where:
yy = year eg.13
ww= week number eg 34= week34
aaaaa = individual incremental number eg 00481 = 481st module built in week34

ff= factory short code
mmm= field reserved for factory use

**8) Label Position**

The position of the FCC ID/Variant label is shown below in Figure 2



**Figure 2 Tuscany**

**9) Material**
1) RoHS Compliant - RoHS Declaration must be supplied to Frontier by CEM
2) The "glue" used should be environmentally friendly and hence be "water based" eg CO RICH ADH Limited F5095 (www.co-richadh.com)
3) A mylar (or similar) material is requested – resistant to solvents and wear.

**10) Uses**
1) The label is to be used by Third Party integrators of the PCBA on PCB, Product, user manual and packaging etc as required.
2) The label content MUST match the BD address flashed during the Bluetooth calibration process.