

15 February 2017

RE: Cover Letter for FCC Application for (**APANA PK1276**)

FCC ID: **2AK5C-APANA-PK1276**

FRN: **0026249847**

To whom it may concern:

This letter serves as the cover letter for FCC application. APANA Inc. is submitting the **APANA PK1276** system for FCC certification to [47 CFR § 15.247](#) using *Element Materials Technology* of Hillsboro, OR as our TCB.

The **APANA PK1276** operates in the 915MHz ISM band and contains a 16-bit Texas Instruments MSP430FR6989 microcontroller and a Semtech SX1276 transceiver. The **APANA PK1276** has an integrated PCB antenna, in addition to multiple external antennas. Only one antenna is active at any time, and the antenna path (internal vs external) is selected in software by the MSP430 via an integrated on-board RF SPDT switch, integrated on the PCB.

Please feel free to contact us with questions by phone (360)746-2276 or email info@apana.com.

Sincerely,



Matt Maher Peterson
Chief Technology Officer (CTO)
APANA INC