

15 February 2017

RE: Cover Letter for FCC Application for (**APANA XB1301**)

FCC ID: **2AK5C-APANA-XB1301**

FRN: **0026249847**

To whom it may concern:

This letter serves as the cover letter for FCC application. APANA Inc. is submitting the **APANA XB1301** module for FCC certification to [47 CFR § 15.247](#) using *Element Materials Technology* of Hillsboro, OR as our TCB.

The **APANA XB1301** operates in the 915MHz ISM band and contains a 32-bit Cortex-M4 processor by STMicroelectronics, a Semtech SX1301 baseband processor, and two Semtech SX1257 transceivers, one for each antenna. The **APANA XB1301** has two U.FL connectors on-board for connection to two external antennas. Each radio and antenna is redundant with each other, and both operate in the 915MHz ISM band.

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

Sincerely,



**Matt Maher Peterson**  
Chief Technology Officer (CTO)  
APANA INC