

From: Stephen Berger

To: Leann Nguyen

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Subject: Request for Info - File # 1469-EX-ST-2016

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Message:

The answer to your question is that there is a change of band being used. The LoRA protocol can be used in several frequency bands. The testing conducted under the original STA tried several low frequency bands used by LoRA but found them to be problematic. So the device has been redesigned to use the 900 MHz ISM band with a 30 dBm (1 W) maximum transmit power. It then communicates to a cell phone using Bluetooth in the 2.4 GHz ISM band with a 4 dBm maximum transmit power. The other frequencies in the original STA are not being used any longer.