



GE Oil & Gas  
Digital Solutions

1631 Bently Parkway South, Minden, NV 89423  
Tel: 775-215-1938  
Email: [tonya.woods@ge.com](mailto:tonya.woods@ge.com)

9/22/2016

Federal Communications Commission  
7435 Oakland Mills Road  
Columbia, MD 21046

To whom it may concern:

Bently Nevada, Inc., hereby requests a Permissive Change Class II of the radio equipment certification for the Essential Insight.mesh wSIM and Repeater Devices certification number, FCC ID: XFU-18541001. This product differs from the originally approved product in the following manner:

- (a) Low Pass Filters (quantity 2, in series), rated for 2450MHz, have been replaced by Band Pass Filters rated for the same frequency to reduce out-of-band emissions from the device.
- (b) No other circuitry in the primary transmitter signal chain (frequency determining circuitry or power amplifier) has been changed.
- (c) Radios have been recalibrated to compensate for the signal chain modification.
- (d) Power levels have been configured to keep output signals below 10dBm EIRP and these settings are not accessible by an end user.

I do attest that the Field strength and/or RF Output readings remained the same or are lower than the originally approved product and that they did not increase therefore qualifying this product for this application type.

Sincerely,

A handwritten signature in black ink that reads 'Tonya Woods'.

Tonya Woods  
Engineering Manager  
Product Compliance  
Bently Nevada, Inc.