



## SUMMIT SEMICONDUCTOR LLC

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20 December, 2015

Federal Communications Commission  
Authorization and Evaluation Branch  
7435 Oakland Mills Road  
Columbia, MD 21046

Dear Application Examiner:

Summit Semiconductor, LLC. has designed and built a digital wireless master module that operates in the UNII band including the DFS frequencies. Summit Semiconductor requests the FCC Equipment and Authorization branch to grant an original certification of a modular approval for our Sherwood XD wireless master module, Model No.: 444-2254, FCC ID: UA9805.

The 444-2254 wireless master module is a turnkey solution that enables customers to start volume production of high performance digital wireless audio source devices. The 444-2254 is designed to be integrated into an audio source device such as AVRs, DVD players, TVs, gaming consoles, set top boxes and wireless hubs. It is an IEEE 802.11a compliant radio operating in UNII band and operates in accordance with the master mode as stated in the FCC 15.202.

The 444-2254 wireless master module was tested at NWEMC's Oregon facility for rule parts 15.202 and 15.407. The device was tested for all the requirements necessary to certify it as a modular, DFS capable, 21 channel transmitter. The test set up photos and the technical test report have all the details about the performance and results of the device. The device is subject to verification and not DoC because it is not a PC peripheral.

Please direct any correspondence regarding this filing to my attention at the following address.

Summit Semiconductor LLC  
20575 NW Von Neumann Dr., Suite 100  
Beaverton, OR 97006

Sincerely,

Kenneth A. Boehlke

Principal Engineer