

# Limit Modular Approval Request Letter

LigoWave LLC

December 22, 2014

Dear Application Examiner,

LigoWave LLC 's Broadband Digital Transmission System, FCC ID: V2V-NFT1NI, would like to have your authorization as a limited modular approval. The radio meets the requirements for modular approval as detailed in FCC 15.212. Compliance to each of the requirements is described as below:

1. "The modular transmitter must have its own RF shielding."  
*Answer : No, No shielding for both side .*
2. "The modular transmitter must have buffered modulation/data inputs."  
*Answer : Yes ; All inputs to the modules are buffered through logic or microprocessor inputs.*
3. "The modular transmitter must have its own power supply regulation."  
*Answer : Yes ; A low drop out regulator is used for modular power supply regulation.*
4. "The modular transmitter must comply with the antenna requirements of section15.203 and 15.204(C)."

Answer: Yes , Device is equipped with Integral antenna with unique non-standard antenna port (reversed polarity antenna port )

5. "The modular transmitter must be tested in a stand-alone configuration"  
*Answer : Yes, distance between modular and all AEs are bigger than 10cm , refer to setup photo.*
6. "The modular transmitter must be labeled with its own FCC ID number."  
The modular transmitter is labeled with its own FCC ID number, please refer to exhibition Label Sample for the FCC ID of this module  
*Answer : Yes ; The modular has a permanent fixed label, and below statement was listed in the Users Manual; The host device must be labelled to display the FCCID of the module Contains V2V -NFT1NI*
7. "The modular transmitter must comply with any specific rule or operating requirements applicable to the transmitter and the manufacturer must provide adequate instructions along with the module to explain any such requirements."  
*Answer : Yes ; The module comply with all specific rules applicable to the transmitter including all the conditions provided in the integration instructions by the grantee, Refer to test report and user manual .*
8. "The modular transmitter must comply with any applicable RF exposure requirements."  
*Answer : Yes ; Transmitter meets MPE calculation of 47 CFR 1.1307 . Refer to MPEReports and Refer to modular installation manual*

Please contact me if you have any further questions. Thanks for your attention.

Best Regards,

A handwritten signature in black ink, appearing to read "Simon Chou".

Simon Chou  
Manager  
LigoWave LLC