



Elliott Laboratories
www.elliottlabs.com

684 West Maude Avenue
Sunnyvale, CA 94085-3518

408-245-7800 Phone
408-245-3499 Fax

Attn: Elliott TCB
Date: October 29, 2008

Reference: FCC ID SK6XN12, Elliott Reference J71456 (XN12)

In response to your questions, please find my comments below:

1. The User's Manual provided does not cover the model submitted. The User's Manual covers the X16, XN8 and XN4. Please provide an appropriate User's Manual for the model XN12.

The User's Manual provided is the only manual available at this time for the XN series. Please consider this as a draft document. The manual provided does contain the rf exposure warnings and the FCC statements relevant to the XN12. When a version becomes available that includes additional specifications for the XN12 it will be submitted to the TCB for upload to the FCC website unless another application for a C2PC has been filed before then that includes the new version of the manual.

2. MPE Calculation – last page, the total number of radios available for operation in the 5 GHz bands listed is 9 (5 in the 5.7GHz and 4 in the 5.15GHz band), this is inconsistent with the number of radios described in the theory of operation, 8 802.11a/n radios per system.

The MPE calculation has been updated and uploaded (file name: MPE Calculation v2.pdf).

3. It appears from the description of the EUT that is capable of being powered directly from AC or via POE. AC conducted data was provided for the AC configuration. Please provide data to support compliance in the POE configuration.

The XN12 does have provision for being powered from a PoE source.

Measurements for conducted emissions on the AC input for a PoE supply were included in the FCC Part 15 Digital Device verification report. The PoE adapter AC input complies with Class A limits (15.107) but not the Class B / 15.207 limits. The emissions were related to the digital circuitry (independent of the transceivers operation).

For this reason the conducted emissions from the AC power port are submitted with this application to demonstrate that the transceiver related circuitry does comply with the requirements of 15.207.

If you have any additional questions please do not hesitate to let me know.

Regards,

Mark Briggs
Staff Engineer
Elliott Laboratories LLC