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30 September 2009

Attention: Application Examiner
 Reviewing Engineer

RE: Class 2 Permissive Change for 902-928MHz FHSS Modular Radio
Applicant: **Silver Spring Networks Inc.**
FCC ID: OWS-NIC506
IC: 5975A-NIC506

To whom it may concern,

The NIC506 product has a limited modular approval. Silver Spring Networks has modified the referenced product as follows:

1. Removed the DC/DC power supply and integrated it into the POE supply.
 POE supply is now 802.3af port with an auxiliary input 10.8V-60Vdc.
2. Moved the Ethernet controller on the board to the back edge.
3. Added ESD protection on the Ethernet RX/TX pairs.

The radio transceiver portion of the product is unchanged.

Test data for AC line conducted emissions and radiated emissions below 1 GHz are presented in separate attachments. Data was taken using both the POE and an off the shelf AC-DC power supply. The new schematic is also presented as a separate attachment.

If you have questions or need further information, please contact the undersigned.

Sincerely,



THOMAS N. COKENIAS
EMC Consultant/Agent for Silver Spring Networks