

Mike Kuo

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**From:** Thomas Cokenias [tom@tncokenias.org]  
**Sent:** Friday, September 26, 2008 10:03 PM  
**To:** Mike Kuo  
**Subject:** Re: Silver Spring Networks, FCC ID: OWS-NIC507, Assessment NO.: AN08T8425, Notice#1 (DTS portion)

Hi Mike,

Answers follow questions.

best regards

Tom

On Sep 26, 2008, at 3:02 PM, Mike Kuo wrote:

> Hi Tom:/ DTS portion  
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>  
> Question #1: Please provide user manual.

ANS1 User manual attached

>  
> Question #2: As indicated in the functional block diagram and theory  
> of operation, it appears 2.4GHz DSS and 900 MHz FHSS radio are sharing  
> the same antenna and can transmit simultaneously. Based upon FCC  
> policy, when radios are sharing the same antenna and can transmit  
> simultaneously, RF conducted spurious emission and radiated spurious  
> emission shall be performed with both radio transmitting at the same  
> time. Please address this measurement procedure issues.

ANS2 Only one radio can transmit at a time. See attached response from applicant.

>  
> Question #3: Based upon instrument setting, looks like Output power  
> option #1 was used to measure the peak output power. However, as  
> indicate in the spectrum plots, sample detector was used. Peak  
> reading with peak detector are required. Please explain this  
> measurement procedure issues.

ANS3 Revised test report has peak detector readings as per option#1

>  
> Question #4: Page 3 of test report, the measurement equipment that  
> applicant is using is out of calibration. Please address this ISO  
> guide  
> 17025 issue.

ANS4 Heading should have said Cal Date. Correction made, see attached report

>  
> Question #5: RF conducted spurious emission tests, the upper frequency  
> range shall be 10th harmonic of fundamental frequency which is 24 GHz  
> but only up to 13 GHz was measured. Please provide additional RF  
> conducted spurious emission data from 13 GHz to 24 GHz.

ANS5 Revised test report has spurious emissions to 26.5 GHz

>

> Question #6: MPE estimate, please provide MPE estimate based upon 20  
> cm separation distance and report the calculated power density at 20  
> cm.

ANS6 Revised test report, page 30 shows both MPE and calculated power density S, mW/cm<sup>2</sup>

>  
> Best Regards  
>  
> Mike Kuo / CCS

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>  
> The items indicated above must be submitted before processing can  
> continue on the above referenced application. Failure to provide the  
> requested information within 30 days of the original e-mail date may  
> result in application dismissal and forfeiture of the filing fee.  
> Also,  
> please note that partial responses increase processing time and should  
> not be submitted. Any questions about the content of this  
> correspondence should be directed to the e-mail address listed below  
> the name of the sender.