Chris Harvey

From: Jim Nicholson (jimnicho) [jimnicho@cisco.com]
Sent: Tuesday, September 27, 2005 5:57 PM
To: Compliance Certification Services
Cc: Mike Kuo; Barbara Judge; Michael Heckrotte
Subject: RE: Cisco Systems, Inc., FCC ID: LDK102058, Assessment NO.: AN05T5119, Notice#1

See my responses below.

Jim

-----Original Message-----
From: Compliance Certification Services [mailto:charvey-tcb@CCSEMC.com]
Sent: Friday, September 23, 2005 11:17 AM
To: Jim Nicholson [jimnicho@cisco.com]
Cc: charvey-tcb@CCSEMC.com
Subject: Cisco Systems, Inc., FCC ID: LDK102058, Assessment NO.: AN05T5119, Notice#1

Jim,

I have begun the review of the above referenced Pt. 15 and Pt. 90 applications and have found that the following items need to be addressed before the application review can be completed.

1. The test reports do not indicate that testing was performed in accordance with ANSIC63.4:2003 nor do they adequately document the test procedures used for the compliance measurements. Please submit the test procedures used for compliance tests that are referenced in Appendix C. In the future please include these test procedures in the test report documentation. It can not be determined from the information provided if the EUT complies with many of the FCC requirements (i.e. Peak Power Output using RBW > emission bandwidth). ***[JN]*** The test procedures pertinent to this report are attached. If at all possible, can we avoid posting these on the FCC site?

2. Please ensure that plots in the test report have the measurement parameters (RBW, VBW, sweep time, detector mode, etc.) included as part of the plot (i.e. the Conducted Spurious emissions plots). ***[JN]*** The requested parameters are included in the test procedures attached.

3. The Conducted Spurious Emissions limit of -30dBc has been used in this report, which implies (per FCC 15.247(d)) that the Peak Transmit Power was measured with an RMS Average Detector. Please clarify this in the test report. ***[JN]*** The Peak Transmit Power was measured as indicated in the attached test procedure.

4. MPE is calculated with separate operation and the Operational Description indicates that the unit apparently operates simultaneous with 802.11b/g (2.4GHz) and 802.11a (5.7GHz). The MPE exhibit needs to be recalculated for simultaneous transmission in accordance with OET 65. ***[JN]*** I've attached an updated test report which includes this calculation for 2.4/5GHz and 2.4/4.9GHz collocation.

note: This approval request is for a composite FCC 15.247 and FCC Pt. 90 Subpart Y device, submitted under 2 applications. Questions pertaining to the FCC 90-Y portion of this application are under separate cover.

best regards,
Chris Harvey
charvey-tcb@ccsemc.com

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.