

From: Steve Cheng
Sent: Thursday, April 26, 2001 7:50 PM
To: Mike Kuo; CERTADM
Subject: FW: C & K SYSTEMS, INC., FCC ID:C2D7KULP, AN01T1153

Resend

-----Original Message-----

From: Steve Cheng
Sent: Wednesday, April 25, 2001 5:33 PM
To: CERTADM
Subject: RE: C & K SYSTEMS, INC., FCC ID:C2D7KULP, AN01T1153

Dear Mike,
Thanks very much for you to point out the issues we have in the submitted report. Below are the answers to each of the question (Answer is right below each question).

-----Original Message-----

From: certadm [mailto:certadm@ccsemc.com]
Sent: None
To: scheng@ccsemc.com
Cc: mkuo@ccsemc.com
Subject: C & K SYSTEMS, INC., FCC ID:C2D7KULP, AN01T1153

Notice_content

Question #1: Test report is written for FCC Class II permissive change. However, the proposed FCC ID number has not been certified by the Commissions . Please revise the test report and confirm the application is intended for Original Application.

--- Yes, This report is intended for Original Application. And we already revise the report to reflect this factor.

Question #2: Several emission plots were provided with this application. They are (Pulse repitition rate), (Transmission period plots) and (output power measurement). Please explain the purpose of these data in relation to FCC technical requirements.

--- The extra plots is intended to be use for Pulse signal duty cycle correction purpose, but since the original data already passed the limit, we decided not to claim for this extra relieve and the attached data plots is for your reference only.

Question #3: Page 7 of test report, please indicate the detector function used.

--- The detector function used is peak detector with RBW=1M and VBW=1M as specified on page 5.

Question #4: Please provide spectrum plots to demonstrate 15.245(b)(3) compliance.

--- According to 15.245(b)(3), emissions radiated outside of the specified bands, except for harmonics, shall be attenuated by at least 50dB

below the level of the fundamental or to the general radiated emission limits in 15.209 whichever is the lesser attenuation. Because of the high frequency nature, the noise floor is quit high compare to the low level fundamental and 50 dBc dynamic range is not able to be maintained with our test setup. Hence we decided to measure the field strength and compared it to 15.209 instead of compare to -50dBc spec. The test result from 30M to 2G was reported in attached file "radiated emissions.PDF" and frequency from 2G to 100 G had been manual checked and only the fundamental emission was founded and recorded in page 7. As mentioned above, we did this part by radiated method(not direct conducted measurement method), so there is no plot we can show you. However, from the tabulated data attached we believe you shall have enough information to prove the compliance.

Best Regards

Mike Kuo / TCB Certifier

The items indicated above must be submitted before processing can continue on the above referenced application. Failure to provide the requested information within 60 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.