

From: Steve Cheng
Sent: 2003年5月27日星期二 下午 5:22
To: Claire Hoque
Cc: CLIENT ADVOCATES; Mike Kuo; Michael Heckrotte
Subject: RE: Symbol Technologies, FCC ID:H9PCCRF5020, AN03T2826
Hi Claire,

Answers have been integrated in the original text below.
Thanks.

Steve

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

From: Mike Kuo
Sent: Tuesday, May 06, 2003 4:25 PM
To: Claire Hoque; Steve Cheng; Michael Heckrotte
Cc: CLIENT ADVOCATES
Subject: FW: Symbol Technologies, FCC ID:H9PCCRF5020, AN03T2826

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

From: CERTADM
Sent: Tuesday, May 06, 2003 4:22 PM
To: 'mkuo@ccsemc.com'
Subject: Symbol Technologies, FCC ID:H9PCCRF5020, AN03T2826

Notice_content

Question #1: The max. output power used and measured in this Class II permissive change report is 17.2dBm. The original device was certified with max. output power of 17.61dBm. Please address the following issues:

1. Is the RF conducted output measurement made at external antenna connector (reverse N type) or at the PCB antenna connector ? If the RF conducted power measurement was made at external antenna connector, then reduced in the output power may due to the cable lost between PCB antenna connector to reverse N type connector. If this is the case, since this is Class II permissive change, the output power listed in the line entry will be 0.0575W but the grant condition will indicate that max. conducted output at the external antenna connector end is 0.0525W. Please confirm the measurement point. If the measurement was made at PCB antenna connector, then explain the power difference between original certified power and Class II permissive change power.
<CCS> The EUT is identical to original filing, no any change has been made. The power is measured on the PCB antenna port and the slit difference (17.6dBm-17.2dBm=0.4dB) between the current measurement and original filing is due to the uncertainty of the measurement equipment.

2. The user manual shall provide adequate information to inform the end user about the output power requirement at the external antenna connector end. If output power at external antenna connector is tuned to .0575W, this device may not able to comply with bandedge requirement.
<CCS> Following language has been added to the users manual.
" To comply with the FCC RF exposure requirements, only the antennas and dedicated cable pair tested with this filing (and listed below) could be used with this product. Any other antenna may produce unexpected RF exposure and shall not be use with this product."

Note: Since output is fix to 17.6dBm for all antenna/cable pair. No profesional installation is required.

Question #2 Please provide complete user manual to include all the reference antenna type, gain and operation (P-T-P or P-T-M) in the user manual and include RF exposure warning statement due to the high gain antenna used.

<CCS> Pease refer to question 1.

Claire please consult with client if they agree to add above language to the users manual.

Question #3: Request for confidentiality letter indicates operational description is one of request item, such document did not submit. Please provide it.

<CCS> Done by Claire already.

Question #4: File attachment titled " Schematic Changes " is confidential document for Symbol Corp. Such attachment will be included as schematic diagram and granted for confidential.

<CCS> Done by Claire already.

Question #5: The AC line conducted tests were investigated from 450kHz to 30MHz. To avoid to have grant note "05" NOTE- The manufacture and importation of this device must cease on July 10, 2005 pursuant to 15.37(j) or 18.123 transition provisions adopted under FCC 02-157 (ET

TCB Q and A.txt

Docket98-80) apply to this application, please provide new AC line conducted data from 150kHz to 30MHz per CISPR 22 Class B requirements.

<CCS> Client mentioned that grant note "05" is OK for this product per Mike H's confirmation.

Best Regards

Mike Kuo

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.