

Chris Harvey

From: September Radecki [september.radecki@ccsemc.com]
Sent: Monday, August 06, 2007 5:51 PM
To: Chris Harvey; Thu Chan
Subject: RE: Symbol Technologies, Inc. , FCC ID: H9PCA5090, Assessment NO.: AN07T6975, Notice#2
Attachments: Label availability declaration.pdf

Hi Chris,

Below are the replies to your questions on the above application. For the first question, the client's replies are in line in blue. Hopefully, this is okay.

1. This appears to be a Slave (Client) Device with Radar detection per page 12 of 20. This type of device is on the TCB Exclusion list. **Please reference above on page 12 and the next two pages (pp13-14) which clearly state that the UUT is operating as a Client without Radar Detection. Also, the grant of equipment authorization for the modular radio H9P2192955 (used in the device) states that it does not support radar detection.** The report does not document the FCC ID of the Master device used for testing. **See section 2.1.4. ID: LDK102056** The DFS test report is for a module **FCC ID: H9P2192955** , and the FCC application is for a final device (VoIP Phone). **Yes. The module is integrated into the end device, although we are not using the modular approval ID on the device since the module will be used across several product families and our experience has been that it is almost impossible to track device approvals when a module that is used in more than just a few devices (too many permissive change records to sift through once you hit 4-5 end devices - and we will likely have this in 10-15 end devices). Also, since the end device (CA5090) has no GUI and no text entry method, there is no way to run a media player program & direct it to go fetch & play the appropriate file.** The DFS report does not specify which antenna was used on the UUT (but does indicate that the gain was 2.8dBi) **The antenna was a dipole of 2.8dBi gain.** DFS testing should be performed with the minimum gain antenna if the radiated method is performed **All diagrams in the report show a conducted setup.** The FCC required measurement procedure uses an MPEG file, but this DFS report indicates that a WAV file was used. It appears as though this device was not tested using the FCC's required measurement procedure. **The device is an audio only device that cannot display video. Please see <http://ntiacsd.ntia.doc.gov/dfs/> where this MPEG you mention is sourced from - the WAV file is just below it, along with the description of when it can be used (such as in audio devices that cannot play video).**

Please reconfirm the capabilities of this device and submit DFS compliance documentation that complies with the FCC requirements. **The device does not support radar detection.** If this device is on the TCB Exclusion list, the application must be submitted to the FCC.

2. Also, please submit documentation that indicates that the FCC ID Label which is now documented as being inside the battery compartment is visible at the time of purchase, per the FCC labeling policy.

<CCS ANSWER:> Please see attached Statement.

Best regards,
September

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

From: Chris Harvey
 Sent: Monday, August 06, 2007 10:48 AM
 To: Thu Chan
 Cc: Chris Harvey; September Radecki
 Subject: Symbol Technologies, Inc. , FCC ID: H9PCA5090, Assessment NO.: AN07T6975, Notice#2

8/7/2007

Thu & September,

Thank you for submitting the DFS test report. This appears to be a Slave (Client) Device with Radar detection per page 12 of 20. This type of device is on the TCB Exclusion list. The report does not document the FCC ID of the Master device used for testing. The DFS test report is for a module, and the FCC application is for a final device (VoIP Phone). The DFS report does not specify which antenna was used on the UUT (but does indicate that the gain was 2.8dBi). DFS testing should be performed with the minimum gain antenna if the radiated method is performed. The FCC required measurement procedure uses an MPEG file, but this DFS report indicates that a WAV file was used. It appears as though this device was not tested using the FCC's required measurement procedure.

Please reconfirm the capabilities of this device and submit DFS compliance documentation that complies with the FCC requirements. If this device is on the TCB Exclusion list, the application must be submitted to the FCC.

Also, please submit documentation that indicates that the FCC ID Label which is now documented as being inside the battery compartment is visible at the time of purchase, per the FCC labeling policy.

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.

Best regards,

Chris Harvey
charvey-tcb@ccsemc.com

8/7/2007