

Nov. 26, 2005

Applicant:	Symbol Technologies Inc
FCC ID#	H9PMC7090
Correspondence Reference Number:	30003
731 Confirmation Number:	EA140628
Date of Original E-mail:	11/22/2005

The responses are as follows:

- 1) fyi FCC weblink in user manual is wrong: (<http://www.fcc.gov/oet/fccid>), should be (<http://www.fcc.gov/oet/fccid>) or (<https://gullfoss2.fcc.gov/prod/oet/cf/eas/reports/GenericSearch.cfm>)
- 2) Filing (op desc, user manual, SAR, etc) indicates this handheld-terminal contains Bluetooth (BT) transmitter, but this does not seem to be listed on Form731 application. Typically BT are filed as eqpt class DSS, but can file under DTS.
 - 2a) what is BT FCC ID (module?), or will handheld-terminal always be marketed containing BT such that present FCC ID can include it?
 - 2b) if BT will always be installed and separate (module) FCC ID is not applicable, please submit exhibits into DTS application, or submit separate DSS composite application, to make complete filing for BT device
 - 2c) if separate BT FCC ID will be retained, please submit device FCC ID labeling info for handheld-terminal in this filing
- 3) This filing has requested confidentiality for device photos; however, the SAR exhibits containing device photos cannot be held confidential. Please submit new exhibits with device photos and SAR report portions in separate files.
- 4) Some SAR report photos, and DUT-geometry in all SAR data plots, appears to show handheld-terminal with external stub antenna (assumed to be H9PMC7094), whereas this filing is for device does not have stub antenna. please explain, or revise/re-test if data in this filing is for device with stub-antenna.
- 5) Please list collocated SAR evaluation procedures, including info about grid/distribution additions, and device re-positioning (registration) when device is taken in and out of holder to activate the various transmitters.

Response:

- 1) Thanks and we have revised the user manual.
- 2) The BT transmitter will be marketed with handheld-terminal always and no separate ID is required. Also, BT test report already included in the submitted 15.247 EMC test report.
- 3) Thanks for your suggestion and we have removed the test setup photos from the whole reports, and have it relocated to the test setup photo. Please refer to revised EMC test setup photos "TSup_H9PMC7090_rev.pdf", "Test Rpt-SAR_H9PMC7094_rev2.pdf""Test Rpt-SAR (Appendix A)_ H9PMC7090_rev3.pdf",

Test Rpt (15.247)_H9PMC7090_rev2.pdf"and" Test Rpt (15.407)_H9PMC7090_rev2.pdf".

4) Since H9PMC7090 and H9PMC7094 are identical in shape and dimension except that H9PMC7094 has a extra stub antenna for part 22./ 24 function. So we had reused the DUT-geometry print from H9PMC7094 to the H9PMC7090 without re-editing the file to remove stub-antenna portion. We apologize for the minor error in the data presentation, and all the test data / plots submitted do represent the correct sample and operation. We will fix similar error in future application, thanks.

5) Collocated SAR evaluation procedure:

Basically we use the post-processing function offered by DASY4 SAR system to perform the co-located SAR evaluation. The procedure is as follow:

1. Each mode is evaluated individually according to its maximum operating power and typical operating condition for all possible operation configurations and the worth-case-configuration from each mode was noticed and recorded for the following step.
2. Once all modes have been evaluated and individual worst case configuration & value are identified from each mode, the SAMCAD could be use to calculate the worst case collocated SAR by combine the related SAR values from related worst case measurement results.

For detail procedure regarding to step 1 & 2 mentioned above and re-position procedure, please refer to following two files:

- a. Single transmitter SAR evaluation procedures.pdf
- b. Collocated SAR evaluation procedure.pdf

Best regards,

ADT