



11/18/2005

FCC Equipment Authorization Branch
7435 Oakland Mills Rd.
Columbia, MD 21046

RE: Addition of alternate GSM Antenna for Application for Original Equipment
Authorization of FCC ID: H9PMC9094

Symbol Technologies, Inc. hereby submits this data to support an alternate antenna for its application for original equipment authorization under model MC9094 with FCC ID: H9PMC9094.

The Maximum SAR value measured with the alternate antenna was 0.471 W/kg Body SAR @ 2.5 cm separation distance with the following simultaneous radio modes:

GSM 1880 MHz, 802.11a 5785 MHz, Bluetooth 2441 MHz

The following exhibits have been uploaded to support this application. Pursuant to CFR47 Section 0.459, Symbol Technologies would like to request that the attachments marked as ****CONFIDENTIAL**** remain confidential for this Application for Equipment Authorization. Additionally, Symbol requests temporary confidentiality on all attachments for a period of 45 days as per FCC Public Notice DA 04-1705 dated June 15, 2004:

1. **H9PMC9094 Alternate GSM Antenna Cover Letter.pdf** : This cover letter
2. **H9PMC9094 Alternate GSM Antenna.pdf** : This document contains the technical specifications for the GSM antenna in both bands.
3. **H9PMC9094 New Antenna Internal Photos.pdf** :

The following test report exhibits have been uploaded to support this application:

4. **H9PMC9094 RF Exposure New GSM Antenna.pdf** : This test report contains summary SAR data and data charts explaining the different SAR modes tested. The peak SAR value of 0.417 W/kg is shown on the summary page and is detailed on pages 19 of this report.



5. **H9PMC9094 RFx Plots New GSM Antenna.pdf** : This test report contains SAR Plots for the data found in “H9PMC9094 RF Exposure New GSM Antenna.pdf” report. The peak SAR value of 0.417 W/kg is shown on page 5 of this report.
6. **H9PMC9094 New GSM Antenna Test Report.pdf** : This test report contains radiated emission data for the new GSM antenna.

Sincerely,

David C Heald
EMC Engineer
Worldwide Regulatory Compliance