

April 12, 2002

Federal Communications Commission  
Equipment Approval Services  
7435 Oakland Mills Road  
Columbia, MD 21046  
Attn: Mr. Joe Dichoso

**SUBJECT: Symbol Technologies Inc.  
FCC ID: H9PLA4121PPT2846C  
731 Confirmation No.: EA386300  
Correspondence Reference No.: 22075  
Request for Tech. Info.: 2/25/02**

Dear Joe:

Transmitted herewith, on behalf of Symbol Technologies Inc., is an amendment provided in response to the request for technical information dated February 25, 2002.

1. Please find the attached the corrected SAR plots showing the EIRP value (135mW) before and after the SAR tests along with the test method for measuring the EIRP data.
2. The power was controlled using Symbol supplied software codes and the power was measured before and after each SAR test.
3. Please find the attached reference system verification data.
4. We confirm that a probe calibration factor of 4.3 was used during the SAR test. Since the probe was calibration in a liquid with a higher conductivity by a factor of 2.85/2.20 our SAR value measured low by the same factor, which is 1.29 W/kg. The previous maximum body SAR value was 0.195 W/kg so the corrected SAR value should be  $1.29 \times .195 = 0.252$  W/kg. Please include this higher SAR value on the grant of authorization.
5. At the time of the test we had not yet obtained our glycol proof phantom and ventilation system so we used a mixture as close to the IEEE P1528 standards as we could which was one with a conductivity of 2.2 S/m. Please note that this higher conductivity will lead to an over estimation of the SAR value.
6. After reviewing the data during a quality audit (12/22/2001) we determined that we should retest the low channel again for body SAR. Please find the attached data plot of this test.
7. Please refer to the answer to question one for the EIRP data. Since the antenna gain is 0 dBi then the EIRP value (135mW) should go on the grant. We would like to confirm that 135mW is the max EIRP on the EMC report.

We trust this information is sufficient to issue the grant as soon as possible. If you have any further questions, please do not hesitate to contact us.

  
Randy Ortanez  
President

