

January 17, 2002

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


SUBJECT: Symbol Technologies, Inc.
FCC ID: H9PCRS1
731 Confirmation No.: EA410274
Correspondence Reference No.: 21636
Request for Tech. Info.: 1/04/02

Dear Joe:

Transmitted herewith, on behalf of Symbol Technologies, Inc., is an amendment provided in response to the request for technical information dated January 4, 2002.

1. The requested frequency range and the frequency range in the SAR report are typographical errors. The frequency range should correctly be 2402 ~ 2480 MHz.
2. The peak antenna gain for the Bezel antenna is -2 dBi. Please note that this Bezel antenna is tuned to work as installed onto the Emerald ring scanner magnesium housing. The antenna taken off the housing will not replicate that performance.
3. Please find the attached photos of the antenna and photos showing the antenna location within the device.
4. The Emerald ring scanner is a slave unit only. In acquisition mode it is a receive only radio until the connection is made from the master. During the FCC testing another ring was configured as a master for test purposes only. In actual use a terminal with a bluetooth radio will be the master.
5. In acquisition mode the Emerald ring scanner is a receive only radio until connection is made from the master. It is intended as a slave unit only. As a receive only radio, dwell time, processing gain, and power density are not applicable.
6. A more complete user's manual does not exist. The Emerald ring scanner is intended to be used on an operator's fingers. Two of the operator's fingers are intended to be inserted into the strap with the two humps that are attached to the Emerald ring scanner. The ring scanner housing will sit above the operator's knuckles. Please refer to the photos to see strap where fingers are inserted.
7. Please find the attached probe calibration.
8. Please find the attached system validation for SAR measurements.
9. Please find the attached SAR plots for the retest of the highest channel with the fluid at the proper level for testing.

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

cc: Symbol Technologies, Inc.