

January 30, 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.: 21876
Request for Tech. Info.: 1/28/02

Dear Joe:

Transmitted herewith, on behalf of Symbol Technologies, Inc., is an amendment provided in response to the request for technical information dated January 28, 2002.

1. Please find the attached SAR plot superimposed on the ring scanner.
2. Per Symbol's e-mail, the Emerald Ring Scanner is a slave only device, which after power up stays in an "Inquiry Scan Mode" which is a non-transmit mode in Bluetooth. This is not the "Inquiry Mode". "Inquiry Mode" is generally used by a Potential Master of a piconet to search for other devices and does enable the radio to transmit. When the Emerald Ring Scanner powers up it uses a Bluetooth defined HCI command called "Write Scan Enable", which enables the ring scanner radio to listen (Rcv only) for other Master Bluetooth Devices running an Inquiry. If you were to power up the Emerald Ring Scanner and connect its output to a spectrum analyzer there would be no RF signal out of the ring scanner until a connection is made with a Master Device.
3. Please find the area scan of the dipole validation test, which more clearly shows the symmetry of the dipole. We validated the system in 1900 MHz muscle simulating tissue with a 1900 MHz dipole. We then changed the liquid to 2400 MHz muscle and conducted the test which yielded a maximum value of .03 W/kg.

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.