



HYPER CORP

"Wireless that Works"SM

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Radiated Report Attestation

Product Name: Polycom Bluetooth Radio Module

FCC ID:M72BTMOD1

Issued Date: November 17, 2002

Applicant:

Polycom[®], Inc.
78A Monnow Street
Monmouth
NP25 3EQ
United Kingdom
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1. General Information

Identification of the EUT

Manufacturer: Polycom® Inc.

Model No.: Polycom Bluetooth Radio Module

Hardware Version: Rev 1.0

Software Version: Rev 1.0

FCC ID: M72BTMOD01

Frequency Range: 2402 MHz ~ 2480 MHz

Channel Number: 79

Frequency of Each Channel: $2402 + k$ (MHz), $k=0\sim78$

Type of Modulation: GFSK

Manufacturer Specified Max. Power Output: +6 dBm

Sample Received Date: September 20, 2002

Test Dates: November 14, 2002 – November 17, 2002

Test Facility: Hyper Corporation

1279 Quarry Lane, Suite B
Pleasanton, CA 94566, USA

Antenna Description

Antenna Gain: Peak Gain: 0 dBi

Rangestar Wireless Bluetooth Antenna p/n 100902

Purpose

The purpose of this letter of attestation is to address the discrepancies between the sections and requirements specified in the radiated emissions test report from UL and the requirements for a 15.247 FHSS Bluetooth transceiver.

Attestation:

Hyper Corporation attests that engineers from Hyper supervised the testing done on the transceiver and every applicable procedure was followed and every requirement was met.

The UL report refers to Part 15 Subpart B request for authorization. Polycom is seeking authorization under Part 15 Subpart C, specifically 15.247.

The unit was tested to comply with the restricted band compliance limits found in 15.209. Since these are equivalent to the FCC Part 15 limits, the lab inadvertently referred to the standards and limits as FCC Class B. This is erroneous. The unit did comply with the 15.209 requirements for restricted band emission limits at every spurious emission and therefore fulfills the requirement of 15.247c.

Hyper engineering attests that radiated band-edge compliance passes the requirements of 15.247c and the emission results reflect those measurements.

Testing was done at low, mid, and high channels as well as in a standby / receive mode at high power. The unit was optimized for the worst case emission by rotating through three axis.

The unit passed at every spur in the average mode. In the cases where the peak value was over the average limit, the peak emission value passed the average limit plus 20dB requirements.

Appropriate bandwidths were used for all measurements.

Even though this report erroneously states the wrong FCC part and refers to equivalent but incorrect limit references, the radio meets all the requirements of 15.247 and was tested correctly per the standards.

The line conducted measurements in the UL report were done correctly and refer to the new limits.

Sincerely,

William Elliott
Staff Engineer – Wireless Testing
Hyper Corporation