



June 5, 2002

Supplement to SAR Test Report for Motorola portable cellular phone (FCC ID IHDT56CA2)

Prepared by:

Steven Hauswirth, Senior Staff Engineer

Motorola Personal Communications Sector Product Safety Laboratory

Harvard, Illinois

Summary of FCC request for additional information

There was a request for additional information regarding Motorola's SAR Test Report for Motorola portable cellular phone (FCC ID IHDT56CA2). The requested information is addressed below in the same numbering sequence received.

1) The statement for Body-Worn Operation in the Users Manual did not agree with the test condition. Please clarify.

RESPONSE: The 2.5cm distance in the users manual addresses situations in which the Motorola approved body worn device is not used. Actual testing was performed on the supplied plastic belt clip which provides a closer separation distance of 1.7cm.

2) Please provide a statement justifying why only one side of the device was tested for bodyworn SAR. Alternatively, provide SAR data with the opposite side of the device towards the flat phantom.

RESPONSE: The device was tested in only one position because this is the position dictated by the body-worn accessory. The unit will not fit into the accessory in another position.

3) Please provide a measurement uncertainty budget that meets the IEEE draft 1528 or the FCC/OET Bulletin 65 Supp. C (2001).

RESPONSE: Motorola is working on developing an uncertainty budget per the format shown in IEEE P1528. We have received many suggested values for various line items in the budget from SPEAG™. In order to verify that these values were determined per the methods indicated in IEEE P1528, we have requested, from SPEAG™, how these values were determined. Subsequently, there has been a lot of input from various members of the committee suggesting that certain line items be changed. Also, values for the line items under the *Test Sample Related* section of the budget are device specific and must be determined by the test location. Motorola is currently performing various studies to determine what these values should be for our products. We expect to have a complete uncertainty budget per IEEE P1528 available mid to late June, 2002.