

**TCB****GRANT OF EQUIPMENT  
AUTHORIZATION****TCB****Certification****Issued Under the Authority of the  
Federal Communications Commission****By:****PCTEST Engineering Laboratory, Inc.  
6660-B Dobbin Road  
Columbia, MD 21045****Date of Grant: 11/30/2005****Application Dated: 11/30/2005****Motorola Inc  
Mobile Devices  
600 N. U.S. Highway 45  
Libertyville, IL 60048-5343****Attention: Andrew Bachler , FCC Liaison****NOT TRANSFERABLE**

EQUIPMENT AUTHORIZATION is hereby issued to the named GRANTEE, and is VALID ONLY for the equipment identified hereon for use under the Commission's Rules and Regulations listed below.

**FCC IDENTIFIER:** IHDT56DB1**Name of Grantee:** Motorola Inc**Equipment Class:** PCS Licensed Transmitter**Notes:** Mobile Cellular/ PCS GSM Transceiver Module**Grant Notes**

<u>FCC Rule Parts</u>	<u>Frequency Range (MHZ)</u>	<u>Output Watts</u>	<u>Frequency Tolerance</u>	<u>Emission Designator</u>
22H	824.2 - 848.8	0.63	300.0 Hz	250KGXW
24E	1850.2 - 1909.8	0.807	0.1 PM	250KGXW

Class II Permissive Change.

Output power listed is conducted. The antenna installation must provide a minimum separation distance of 20 cm from users and nearby persons and must not be co-located or operate in conjunction with any other antenna or transmitter. The combined cable loss and antenna gain must not exceed +14.9 dBi and total system output must not exceed 1.5 W ERP in the Cellular band to qualify for the categorical exclusion of 2.1091. The combined cable loss and antenna gain must not exceed +3.92 dBi and total system output must not exceed 2.0 W EIRP in the PCS band in order to comply with the EIRP limit of 24.232(b). OEM installers must be provided with antenna installation instruction and transmitter operating conditions for satisfying RF exposure compliance. Use with co-located transmitters is limited to the handheld terminal FCC ID:AZ489FT7010, as specified in this filing.

This device contains 900 MHz GSM and 1800 MHz DCS functions that are not operational in U.S. territories. This filing is only applicable for 835/1900 MHz GSM operations.