

To: Tim Harrington
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FCC Equipment Authorization Branch

From: Andrew Bachler

Re: FCC ID IHDT56FP2
Applicant: Motorola Inc
Correspondence Reference Number: 35577
731 Confirmation Number: TC918861

1) if not in filing already, please describe any operating conditions where NFC co-transmits with Bluetooth and/or pt22/24

RESPONSE: The NFC device is enabled through the user menu only. It is possible for NFC to be enabled during GSM transmissions or Bluetooth transmissions. The software has been designed to automatically turn off the NFC field within one minute after activation. The user could re-enable the device again through the user menu.

2) phone operating manual does not appear to describe NFC
- please explain and/or revise

RESPONSE: Please see Exhibit 8A submitted Jan. 19, 2007

3) please submit NFC device test configuration info, with revised confid.
request letter if applicable

RESPONSE for SAR Testing: The NFC transmitter is unique and separate from the main GSM transmitter (part 22/24) and the Bluetooth transmitter. The NFC transmitter can operate simultaneously with any of the other transmitters in the device. The NFC transmitter is a low power device (radiated power <1mw) and was thus treated with the same regard to simultaneous transmission requirements as the Class II Bluetooth transmitter.

RESPONSE for SAR Testing: For all tests covered by Exhibit 6A3 the NFC Cell Phone report supplied by UL International EMC Services, the NFC transmitter was commanded to transmit continuously, for all other EMC tests the transmitter was turned off.

4) Filing does not seem consistent with
47 CFR 2.1033(b) (4), 2.1033(b) (7), 15.204(c), 15.204(c) (3), and therefore
also not consistent with 2.962(f) (1), i.e., antenna details not found
- please explain and/or revise

RESPONSE: Please refer to the amended internal photos exhibit 9A. The NFC antenna is a multi-turn shortened balanced loop which connects through two pins to a matching network on a small PCB. The NFC antenna permanently attached to the custom battery door, is the only antenna approved for this device, if a different antenna would be required or sourced we would perform additional testing and follow the published permissive change policy.