

ihdExhibit 2. Statements of Certification -- Pursuant to 47 CFR 2.907.

2.1. Specification Compliance

Transceiver type described herein (IHDT56VC1) has been tested in accordance with the requirements contained in the appropriate regulations. To the best of my knowledge, these tests were performed using measurement procedures consistent with industry or Commission standards, and demonstrate that this equipment complies with the appropriate standards. Each unit manufactured, imported, or marketed will conform to the samples tested herein, within the statistical variations that can be expected due to high volume production and test measurement error.

NAME: Chilsun Heo

SIGNATURE: */s/ Name*

DATE: 29 June 2016

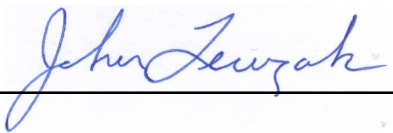
TITLE: Engineering Manager

2.2. Statement of Certification

I hereby certify that the above application was prepared under my direction and that to the best of my knowledge and belief, the facts set forth in this application and accompanying technical data are true and correct.

The technical data supplied with this application was taken under my supervision and is hereby duly certified. I also certify that this transmit equipment (IHDT56VC1) is in compliance with all applicable parts of the FCC Rules.

NAME: John Lewczak

SIGNATURE: 

DATE: 29 June 2016

TITLE: Distinguished Member of Technical Staff, Product Safety and Compliance

2.3. Attestation Statement (Equipment Class DTS and DSS - Bluetooth/Wi-Fi)

This device contains an embedded Bluetooth device, Wi-Fi device, and MOTOtalk capabilities that Motorola Mobility confirms are compliant with the applicable Part 15C regulations. Personal Hotspot operation is only supported in the 2.4 GHz band for this equipment class.

15.247(a)(1)

- The hopping sequence must be pseudorandom.
- All Channels are used equally on average.
- The receiver input bandwidth is approximately equal to the transmit bandwidth.
- The receiver hops in sequence with the transmitted signal.

15.247(g)

The system is designed to comply with all of the regulations in Section 15.247 when the transmitter is presented with a continuous data (or information).

15.247(h)

The system does not coordinate its channel selection/hopping sequence with other frequency hopping systems for the express purpose of avoiding the simultaneous occupancy of individual hopping frequencies by multiple transmitters.

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2.4. Attestation Statement (Equipment Class NII - U-NII Wi-Fi)

This device contains an embedded U-NII Wi-Fi device that Motorola Mobility confirms to be compliant with the applicable Part 15E regulations. Note that Personal Hotspot Wi-Fi Direct operation is supported only in the U-NII-1 spectrum (5.150-5.250 GHz) and U-NII Band 3 (5.725 – 5.850 GHz), and not supported elsewhere for this equipment class.

15.407(c)

The device will automatically discontinue transmission in case of either the absence of information to transmit or operational failure.

15.407(h)(1)

This device does operate in the bands between 5.250 –5.725 GHz, but the device's EIRP is less than 500 mW, and as such Transmit Power Control (TPC) is not required.

15.407(h)(2)

This device does operate in the bands between 5.250 –5.725 GHz, and as such implements Dynamic Frequency Selection (DFS) as a client device. This device, including the client software and associated drivers, will not initiate any transmission on any DFS frequencies without initiation by a master. This includes restriction on transmissions for beacons and support for ad-hoc peer-to-peer modes.

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2.5. Attestation Statement (Equipment Class PCE –LTE MPR/A-MPR Implementation)

Motorola Mobility hereby declares that MPR and A-MPR for LTE is permanently implemented in the DUT architecture, per 3GPP TS 36.101, as detailed in Section 12.3.10 of the Operational Description, and as stated in Section 2.2.1 of the SAR report. It is not controllable in any way by the user. The MPR is always on, but if a Hotspot power-reduced limit doesn't allow the DUT power to get up to or above that value, the MPR itself essentially has no effect. A-MPR was disabled for testing purposes.

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2.6. Hearing Aid Compatibility Attestation Statement (Equipment Class PCE – GSM (850/1900 MHz), WCDMA (850/1900 MHz), and LTE (Bands 2, 4, 5, 7, and 13))

Motorola Mobility hereby declares that typical production units were evaluated for Hearing Aid Compatibility (HAC) compliance.

The device features a HAC-mode software setting. This mode HAC mode activates unique audio gains and shaping, tailored to HAC operation. It does not affect any RF parameter (such as power). This device does not implement any HAC-related power reductions, permitted under 47 CFR 20.19(e)(1)(c) and KDB Publication 285076 D01.

Features List:

CDMA/ CDMA 1X	EV-DO Rev. A	LTE
GSM	GPRS/EDGE	WCDMA
Wi-Fi (b/g/n/ac)	Bluetooth (Stereo)	Location-Based Services
Voice Commands	Talking Phone	Photo Camera
Video Camera	Video Player	Hands Free Speaker Phone
Music Player	HTML Browser	Text Messaging

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2.7. Hearing Aid Compatibility RFE Evaluation MIF Determination Statement (Equipment Class PCE – GSM (850/1900 MHz), WCDMA (850/1900 MHz), and LTE (Bands 2, 4, 5, 7, and 13)).

This device, carrying FCC ID: IHDT56VC1, is being certified for Hearing Aid Compatibility under the ANSI C63.19-2011 standard, per Part 20.19.

For Radio Frequency Interference, neither Speag's Audio Interference Analyzer (AIA) nor any other indirect or direct measurement was used to determine the M-rating. Rather, the M-rating was determined by measuring the maximum steady state average E-field values in dB (V/m) or average antenna input power (as documented in HAC test report) and adding the applicable MIF value in dB. The MIF values below for the worst-case operation mode for all air interfaces are the pre-determined values provided by Speag:

UID	Air Interface	MIF (dB)
10039-CAA	CDMA2000 (1xRTT, RC1)	-19.77
10295-AAA	CDMA2000, RC1, SO3, 1/8th Rate 25 fr	3.26
10021	GSM-FDD(TDMA,GMSK)	3.63
10011	UMTS-FDD(WCDMA)	-27.23
10169	LTE-FDD (SC-FDMA, 1RB, 20 MHz, QPSK)	-15.63
10170	LTE-FDD (SC-FDMA, 1RB, 20 MHz, 16-QAM)	-9.76
10181	LTE-FDD (SC-FDMA, 1RB, 15 MHz, QPSK)	-15.63
10182	LTE-FDD (SC-FDMA, 1RB, 15 MHz, 16-QAM)	-9.76
10175	LTE-FDD (SC-FDMA, 1RB, 10 MHz, QPSK)	-15.63
10176	LTE-FDD (SC-FDMA, 1RB, 10 MHz, 16-QAM)	-9.76
10177	LTE-FDD (SC-FDMA, 1RB, 5 MHz, QPSK)	-15.63
10178	LTE-FDD (SC-FDMA, 1RB, 5 MHz, 16-QAM)	-9.76
10184	LTE-FDD (SC-FDMA, 1RB, 3 MHz, QPSK)	-15.62
10185	LTE-FDD (SC-FDMA, 1RB, 3 MHz, 16-QAM)	-9.76

UID	Air Interface	MIF (dB)
10187	LTE-FDD (SC-FDMA, 1RB, 1.4 MHz, QPSK)	-15.62
10188	LTE-FDD (SC-FDMA, 1RB, 1.4 MHz, 16-QAM)	-9.76

We confirm that the Speag simulation provided represents all the air interfaces and modes applicable for the HAC rating and certification of this device.

NAME: John Lewczak

SIGNATURE: /s/ *John Lewczak*

DATE: 29 June 2016

TITLE: Distinguished Member of Technical Staff, Product Safety and Compliance

2.8. Attestation Statement (3GPP Release Supported)

For this device, the only Release 10 features supported are limited to network-related enhancements and Downlink Carrier Aggregation (CA). Specific Release 10 features not supported include Uplink Carrier Aggregation, Enhanced SC-FDMA and Uplink MIMO or other antenna diversity configurations. In all other respects, this device supports Release 8 features.

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