

# Motorola Mobility LLC

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## Declaration - MIF for HAC RF Interference Evaluation

To whom it may concern:

This device, with FCC ID: **IHDT56XF2**, Hearing Aid Compatibility Requirement is going to be certified under ANSI C63.19 2011 version per Part 20.19.

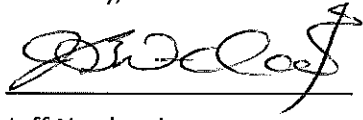
For Radio Frequency Interference, Speag's Audio Interference Analyzer (AIA) or other indirect or direct measurement was not used to determine the M rating.

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 exhibit, and adding the MIF value in dB. The MIF values below for the worst-case operation mode for all air interfaces are pre-determined values provided by Speag.

UID	Communication System Name	MIF(dB)
10021	GSM-FDD(TDMA, GMSK)	3.63
10025	EDGE-FDD (TDMA, BPSK, TN D)	3.75
10460	UMTS-FDD(WCDMA, AMR)	-25.43
10225	UMTS-FDD (HSPA+)	-20.39
10081	CDMA2000 (1xRTT, RC3)	-19.71
10295	CDMA2000 (1xRTT, RC1 SO3, 1/8th Rate 25 fr.)	3.26
10403	CDMA2000 (1xEV-DO, Rev. 0)	-17.67
10170	LTE-FDD(SC-FDMA, 1RB, 20MHz, 16-QAM)	-9.76
10182	LTE-FDD(SC-FDMA, 1RB, 15MHz, 16-QAM)	-9.76
10176	LTE-FDD(SC-FDMA, 1RB, 10MHz, 16-QAM)	-9.76
10178	LTE-FDD(SC-FDMA, 1RB, 5MHz, 16-QAM)	-9.76
10185	LTE-FDD(SC-FDMA, 1RB, 3MHz, 16-QAM)	-9.76
10188	LTE-FDD(SC-FDMA, 1RB, 1.4MHz, 16-QAM)	-9.76
10173	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM)	-1.44
10226	LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 16-QAM)	-1.44
10229	LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 16-QAM)	-1.44
10232	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 16-QAM)	-1.44
10235	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 16-QAM)	-1.44
10238	LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 16-QAM)	-1.44
10061	IEEE 802.11b WiFi 2.4 GHz (DSSS, 11 Mbps)	-2.02
10077	IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 54 Mbps)	0.12
10427	IEEE 802.11n (HT Greenfield, 150 Mbps, 64-QAM)	-13.44
10069	IEEE 802.11a/n WiFi 5 GHz (OFDM, 54 Mbps)	-3.15

We are confirming that the Speag simulation provided represents all the air interface modes applicable for a HAC rating for this handset.

Sincerely,

A handwritten signature in black ink, appearing to read "Jeff Narducci", written over a horizontal line. The signature is stylized and includes a large flourish at the end.

Jeff Narducci

narducci@motorola.com