



Declaration - MIF for HAC RF Interference Evaluation

To whom it may concern:

This device, with FCC ID: **IHDT56AX5**, Hearing Aid Compatibility Requirement is going to be certified under ANSI C63.19 2019 version per Part 20.19.

The interference to comply with C63.19-2019 Clause 4 Evaluation of WDRF interference potential. 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
10023	GPRS-FDD (TDMA, GMSK, TN 0)	3.8
10024	GPRS-FDD (TDMA, GMSK, TN 0-1)	1.15
10027	GPRS-FDD (TDMA, GMSK, TN 0-1-2)	-0.67
10028	GPRS-FDD (TDMA, GMSK, TN 0-1-2-3)	-2.05
10025	EDGE-FDD (TDMA, 8PSK, TN 0)	3.75
10026	EDGE-FDD (TDMA, 8PSK, TN 0-1)	1.23
10029	EDGE-FDD (TDMA, 8PSK, TN 0-1-2)	-0.52
10058	EDGE-FDD (TDMA, 8PSK, TN 0-1-2-3)	-1.82
10460	UMTS-FDD(WCDMA, AMR)	-25.43
10225	UMTS-FDD (HSPA+)	-20.39
10170	LTE-FDD(SC-FDMA,1RB,20MHz,16-QAM)	-9.76
10173	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM)	-1.44
10769	5G NR 100% duty (CP-OFDM, 1 RB, 15 MHz, QPSK, 15 kHz)	-12.08
10973	5G NR 40% duty ((DFT-s-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz)	-1.64
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 Greeneld, 150 Mbps, 64-QAM)	-13.44
10069	IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps)	-3.15
10616	IEEE 802.11ac WiFi (40MHz, MCS0, 90pc duty cycle)	-5.57
10671	IEEE 802.11ax (20MHz, MCS0, 90pc duty cycle)	-5.58
11026	IEEE 802.11be (320MHz, MCS0, 99pc duty cycle)	-28.73



*NA	5G NR 90% PC1.5(DFT-s-OFDM, 1 RB, 100MHz,BPSK, 30kHz)	-9.26
*NA	5G NR 80% PC1.5(DFT-s-OFDM, 1 RB, 100MHz,BPSK, 30kHz)	-5.07
*NA	5G NR 70% PC1.5(DFT-s-OFDM, 1 RB, 100MHz,BPSK, 30kHz)	-3.78
*NA	5G NR 60% PC1.5(DFT-s-OFDM, 1 RB, 100MHz,BPSK, 30kHz)	-2.24
*NA	5G NR 25% PC1.5(DFT-s-OFDM, 1 RB, 100MHz,BPSK, 30kHz)	-0.78
*NA	5G NR 25% PC1.5(DFT-s-OFDM, 50% RB, 100MHz,BPSK, 30kHz)	-0.82
*NA	5G NR 25% PC1.5(DFT-s-OFDM, 1 RB, 100MHz,QPSK, 30kHz)	-0.96
*NA	5G NR 25% PC1.5(CP-OFDM, 1 RB, 100MHz,QPSK, 30kHz)	-1.56
*NA	5G NR 25% PC1.5(CP-OFDM, 50% RB, 100MHz,QPSK, 30kHz)	-1.72
*NA	5G NR 25% PC1.5(DFT-s-OFDM, 1 RB, 10MHz,BPSK, 30kHz)	-0.83
*NA	5G NR 25% PC1.5(DFT-s-OFDM, 50% RB, 10MHz,BPSK, 30kHz)	-0.85
*NA	5G NR 25% PC1.5(DFT-s-OFDM, 1 RB, 10MHz,QPSK, 30kHz)	-0.99
*NA	5G NR 25% PC1.5(CP-OFDM, 1 RB, 10MHz,QPSK, 30kHz)	-1.61
*NA	5G NR 25% PC1.5(CP-OFDM, 50% RB, 10MHz,QPSK, 30kHz)	-1.76

We confirmed that the Speag simulation provided represents all the air interface modes applicable for this handset.

Sincerely,

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