

# FIH CO., LTD

No.4, Mingsheng St., Tu-Cheng Dist., New Taipei City 23679, Taiwan

## Declaration – MIF for HAC RF Interference Evaluation

To Whom It May Concern,

This device, with FCC ID: **RYQEA211002**, Hearing Aid Compatibility Requirement is going to be certified under ANSI C63.19-2011 version per Part 20.19.

The M rating was determined by measuring the maximum steady state average E-field values in dB (V/m) as documented in the HAC report and adding the MIF value in dB (V/m) using pre-determined values provided by Speag under the below table:

### SPEAG test files

UID	Communication System Name	MIF (dB)
10460-AAA	UMTS-FDD(WCDMA, AMR)	-25.43
10097-CAB	UMTS-FDD (HSPA)	-20.75
10169-CAE	LTE-FDD (SC-FDMA, 1 RB, 20 MHz, QPSK)	-15.63
10170-CAE	LTE-FDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM)	-9.76
10171-AAE	LTE-FDD (SC-FDMA, 1 RB, 20 MHz, 64-QAM)	-9.93
10012-CAB	IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps)	-5.90
10059-CAB	IEEE 802.11b WiFi 2.4 GHz (DSSS, 2 Mbps)	-5.17
10060-CAB	IEEE 802.11b WiFi 2.4 GHz (DSSS, 5.5 Mbps)	-3.37
10061-CAB	IEEE 802.11b WiFi 2.4 GHz (DSSS, 11 Mbps)	-2.02
10013-CAB	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 6 Mbps)	-0.36
10193-CAD	IEEE 802.11n (HT Greenfield, 6.5 Mbps, BPSK)	-15.80
10062-CAD	IEEE 802.11a/h WiFi 5 GHz (OFDM, 6 Mbps)	-5.82
10525-AAC	IEEE 802.11ac WiFi (20MHz, MCS0, 99pc duty cycle)	-12.23

The Speag-reference documentation for supporting the pre-determined MIF value is Schmid &Partner Engineering AG, **UID SUMMARY (Communication Systems for Calibration, Issued Date 03/10/2020)**.

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

Date: 2021-07-06

Name/Title: Barry Tsai/Manager

Signature: *Barry Tsai*