



20 September 2022

Federal Communications Commission
Office of Engineering and Technology Laboratory Division
7435 Oakland Mills Rd.
Columbia MD 21046

Attn: Office of Engineering and Technology

HAC Attestation - MIF for HAC RF Interference Evaluation

To whom it may concern:

This device, with FCC ID: V65E4811, will be certified to ANSI C63.19-2011 per Part 20.19.

We hereby declare that the MIF values detailed below are based on worst case operating modes for all air interfaces for which the HAC rating is provided based on the current methodology for determining MIF values. These MIF values are the same as in HAC RF-Emission Test Report: HFBFJZ-WTW-P22040598.

SPEAG test files

UID	UID Version	Communication System Name	MIF (dB)
10460	AAA	UMTS-FDD (WCDMA, AMR)	-25.43
10225	CAB	UMTS-FDD (HSPA+)	-20.39
10170	CAE	LTE-FDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM)	-9.76
10061	CAB	IEEE 802.11b WiFi 2.4 GHz (DSSS, 11 Mbps)	-2.02
10077	CAB	IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 54 Mbps)	0.12
10427	AAC	IEEE 802.11n (HT Greenfield, 150 Mbps, 64-QAM)	-13.44
10069	CAD	IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps)	-3.15
10616	AAC	IEEE 802.11ac WiFi (40MHz, MCS0, 90pc duty cycle)	-5.57

The Speag-reference documentation for supporting the pre-determined MIF value is Schmid & Partner Engineering AG, **UID SUMMARY (Communication Systems for Calibration, Issued Date 2022/03/03)**

Sincerely,

Douglas Dunn
Deputy General Manager Regulatory Affairs