



Date: July 21, 2014

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

Attn: Office of Engineering and Technology

Ref: HAC Attestation - FCC ID: BCG-E2816A, Model A1586 and A1549

To whom it may concern:

Apple Inc. hereby declares that the MIF values detailed below are based on worst case operating modes for all air interfaces for which the HAC rating is provided on the current methodology for determining MIF values.

Reference Test Report Number(s): UL Verification Services Inc. Test Report 14U17673

SPEAG test files

<u>UID</u>	<u>Communication System Name</u>	<u>MIF (dB)</u>
10021-DAA	GSM-FDD (TDMA, GMSK)	3.63
10011-CAA	UMTS-FDD (WCDMA)	-27.23
10295-AAA	CDMA2000 (1xRTT, RC1, SO3, 1/8th Rate 25 fr.)	3.26
10170-CAB	LTE-FDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM)	-9.76
10182-CAB	LTE-FDD (SC-FDMA, 1 RB, 15 MHz, 16-QAM)	-9.76
10176-CAB	LTE-FDD (SC-FDMA, 1 RB, 10 MHz, 16-QAM)	-9.76
10173-CAB	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM)	-1.44

Sincerely,

Tiberiu Muresan
Apple Inc.
Wireless Certification Manager
tmuresan@apple.com