



Date: March 26, 2018

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 - FCC ID: A3LSMA605GN

To whom it may concern:

Samsung Electronics Co., Ltd. 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 based on the current methodology for determining MIF values.

Reference Test report Number(s): UL Verification Services Test Report 12186516-S3.

SPEAG test files

UID	Communication System Name	MIF (dB)
10021-DAB	GSM-FDD (TDMA, GMSK)	3.63
10023-DAB	GPRS-FDD (TDMA, GMSK, TN 0)	3.80
10024-DAB	GPRS-FDD (TDMA, GMSK, TN 0-1)	1.15
10027-DAB	GPRS-FDD (TDMA, GMSK, TN 0-1-2)	-0.67
10028-DAB	GPRS-FDD (TDMA, GMSK, TN 0-1-2-3)	-2.05
10011-CAB	UMTS-FDD (WCDMA)	-27.23
10295-AAB	CDMA2000 (1xRTT, RC1, SO3, 1/8th Rate 25 fr.)	3.26
10170-CAB	LTE-FDD (SC-FDMA, 1 RB, 20 MHz, 16QAM)	-9.76
10182-CAB	LTE-FDD (SC-FDMA, 1 RB, 15 MHz, 16QAM)	-9.76
10176-CAB	LTE-FDD (SC-FDMA, 1 RB, 10 MHz, 16QAM)	-9.76
10178-CAB	LTE-FDD (SC-FDMA, 1 RB, 5 MHz, 16QAM)	-9.76
10173-CAB	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16QAM)	-1.44
10069-CAA	IEEE 802.11a/n WiFi 5 GHz (OFDM, 54 Mbps)	-3.15
10077-CAA	IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 54 Mbps)	0.12
10061-CAA	IEEE 802.11b WiFi 2.4GHz (DSSS, 11 Mbps)	-2.02

Sincerely,

Name Byungjae Lee
Title Senior Engineer
On behalf of Samsung Electronics Co., Ltd..