

Date: March 31, 2021

Federal Communications Commission  
Equipment Authorization Branch  
7435 Oakland Mills Road  
Columbia, MD21046

**Subject: Declaration - MIF for HAC RF Interference Evaluation**  
**FCC ID: A4RG1F8F**

To Whom It May Concern:

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

UID	Communication System Name	MIF(dB)
10021	GSM-FDD(TDMA,GMSK)	3 63
10025	EDGE-FDD (TDMA, 8PSK, TN 0)	3 75
10460	UMTS-FDD(WCDMA, AMR)	-25 43
10225	UMTS-FDD (HSPA+)	-20 39
10081	CDMA2000 (1xRTT, RC3)	-19 71
10295	CDMA2000 (1xRTT, RC1 SO3, 1/8th Rate 25 fr )	3 26
10403	CDMA2000 (1xEV-DO, Rev 0)	-17 67
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 (CP-OFDM, 1 RB, 15 MHz, QPSK, 15 kHz)	-12 08
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

Sincerely yours,



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