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May 2, 2024

**Subject: Declaration - MIF for HAC RF Interference Evaluation**  
**FCC ID: A4RG2YBB**

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 is provided based on the current methodology for determining MIF values.

| UID   | Communication System Name                               | MIF(dB) |
|-------|---------------------------------------------------------|---------|
| 10021 | GSM-FDD (TDMA, GMSK)                                    | 3.63    |
| 10023 | GPRS-FDD (TDMA, GMSK, TN 0)                             | 3.80    |
| 10024 | GPRS-FDD (TDMA, GMSK, TN 0-1)                           | 1.15    |
| 10027 | GPRS-FDD (TDMA, GMSK, TN 0-1-2)                         | -0.67   |
| 10028 | GPRS-FDD (TDMA, GMSK, TN 0-1-2-3)                       | -2.05   |
| 10011 | UMTS-FDD (WCDMA)                                        | -27.23  |
| 10225 | UMTS-FDD (HSPA+)                                        | -20.39  |
| 10170 | LTE-FDD (SC-FDMA, 1 RB, 20 MHz, 16QAM)                  | -9.76   |
| 10182 | LTE-FDD (SC-FDMA, 1 RB, 15 MHz, 16QAM)                  | -9.76   |
| 10176 | LTE-FDD (SC-FDMA, 1 RB, 10 MHz, 16QAM)                  | -9.76   |
| 10173 | LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16QAM)                  | -1.44   |
| 10235 | LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 16QAM)                  | -1.44   |
| 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    |
| 10069 | IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps)               | -3.15   |
| 10317 | IEEE 802.11a WiFi 5 GHz (OFDM, 6 Mbps, 96pc duty cycle) | -9.82   |
| 10591 | IEEE 802.11n (HT Mixed, 20MHz, MCS0, 90pc duty cycle)   | -5.59   |
| 10636 | IEEE 802.11ac WiFi (160MHz, MCS0, 90pc duty cycle)      | -5.56   |
| 10671 | IEEE 802.11ax/be (20MHz, MCS0, 90pc duty cycle)         | -5.58   |
| 10797 | 5G NR (CP-OFDM, 1 RB, 40 MHz, QPSK, 30 kHz)             | -14.32  |
| 10803 | 5G NR (CP-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz)            | -14.38  |
| 10866 | 5G NR (DFT-s-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz)         | -16.69  |
| 10898 | 5G NR (DFT-s-OFDM, 1 RB, 10 MHz, QPSK, 30 kHz)          | -16.68  |
| 10903 | 5G NR (DFT-s-OFDM, 1 RB, 40 MHz, QPSK, 30 kHz)          | -16.68  |
| 10929 | 5G NR (DFT-s-OFDM, 1 RB, 10 MHz, QPSK, 15 kHz)          | -15.06  |
| 10930 | 5G NR (DFT-s-OFDM, 1 RB, 15 MHz, QPSK, 15 kHz)          | -15.06  |
| 10931 | 5G NR (DFT-s-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz)          | -15.06  |
| 10932 | 5G NR (DFT-s-OFDM, 1 RB, 25 MHz, QPSK, 15 kHz)          | -15.06  |
| 10933 | 5G NR (DFT-s-OFDM, 1 RB, 30 MHz, QPSK, 15 kHz)          | -15.06  |
| 10934 | 5G NR (DFT-s-OFDM, 1 RB, 40 MHz, QPSK, 15 kHz)          | -15.07  |
| 10935 | 5G NR (DFT-s-OFDM, 1 RB, 50 MHz, QPSK, 15 kHz)          | -15.07  |

Sincerely yours,

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