



Date: April 29, 2024

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: A3LSMF956U

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

Reference Test report Number(s): UL Korea Test Report 4791196575.

SPEAG test files

| UID | Communication System Name | MIF (dB) |
|------------|---|----------|
| 10021-DAC | GSM-FDD (TDMA, GMSK) | 3.63 |
| 10011-CAC | UMTS-FDD (WCDMA) | -27.23 |
| 10170-CAF | LTE-FDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM) | -9.76 |
| 10182-CAF | LTE-FDD (SC-FDMA, 1 RB, 15 MHz, 16-QAM) | -9.76 |
| 10176-CAH | LTE-FDD (SC-FDMA, 1 RB, 10 MHz, 16-QAM) | -9.76 |
| 10173-CAH | LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM) | -1.44 |
| 10934-AAC | 5G NR (DFT-s-OFDM, 1 RB, 40 MHz, QPSK, 15 kHz) | -15.07 |
| 10931-AAC | 5G NR (DFT-s-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz) | -15.06 |
| 10930-AAC | 5G NR (DFT-s-OFDM, 1 RB, 15 MHz, QPSK, 15 kHz) | -15.06 |
| 10929-AAD | 5G NR (DFT-s-OFDM, 1 RB, 10 MHz, QPSK, 15 kHz) | -15.06 |
| 10973-AAD | 5G NR (DFT-s-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz) 5G NR (DFT-s-OFDM, 1 RB, 40 MHz, QPSK, 30 kHz) | -1.64 |
| 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 |
| 10069-CAD | IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps) | -3.15 |
| 10591-AAC | IEEE 802.11n (HT Mixed, 20MHz, MCS0, 90pc duty cycle) | -5.59 |
| 10599-AAC | IEEE 802.11n (HT Mixed, 40MHz, MCS0, 90pc duty cycle) | -5.59 |
| 10607-AAC | IEEE 802.11ac WiFi (20MHz, MCS0, 90pc duty cycle) | -5.6 |
| 10616-AAC | IEEE 802.11ac WiFi (40MHz, MCS0, 90pc duty cycle) | -5.57 |
| 10626-AAC | IEEE 802.11ac WiFi (80MHz, MCS0, 90pc duty cycle) | -5.64 |
| 10636*-AAD | IEEE 802.11ac WiFi (160MHz, MCS0, 90pc duty cycle) | -5.56 |



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|------------|---|-------|
| 10671-AAC | IEEE 802.11ax (20MHz, MCS0, 90pc duty cycle) | -5.58 |
| 10695-AAC | IEEE 802.11ax (40MHz, MCS0, 90pc duty cycle) | -6.01 |
| 10719-AAC | IEEE 802.11ax (80MHz, MCS0, 90pc duty cycle) | -6.04 |
| 10743*-AAC | IEEE 802.11ax (160MHz, MCS0, 90pc duty cycle) | -6.6 |

Sincerely,

On behalf of Samsung Electronics Co., Ltd..