

Google LLC 1600 Amphitheatre Parkway Mountain View, CA 94043 650 253-0000 main Google.com

Federal Communications Commission 7435 Oakland Mills Road Columbia MD 21046

August 5, 2021

Subject: 5G Sub-6GHz OTT VoIP HAC Attestation

FCC ID: A4RG8V0U

To Whom It May Concern:

Google LLC hereby declares this handset as designed is expected to exhibit similar audio intensity levels between OTT VoIP calls over 4G LTE data connections and 5G Sub-6GHz data connections, and voice calls placed over VoLTE connections and over 5G Sub-6GHz connections. For OTT VoIP, the results using ABM1 values obtained from OTT connections over LTE bands, obtained from VoLTE connections over LTE bands for VoNR and ABM2 values for 5G Sub-6GHz connections over the same bands, while maintaining a S+N/N margin of 3db or greater from the rating threshold provide a reasonable representation of the HAC rating over the 5G Sub-6GHz connections.

If you have any questions, please do not hesitate to contact me.

Sincerely yours,

Clarence Ip

Regulatory Compliance Program Manager

Google LLC

1600 Amphitheatre Parkway

Mountain View, CA 94043