



**Date: December 4, 2019**

Federal Communications Commission  
Equipment Approval Services  
7435 Oakland Mills Road  
Columbia, MD 21046

**SUBJECT: SAMSUNG ELECTRONICS CO.,LTD.  
FCC ID: A3LSMG981U  
Part 20.19 Certification**

To Whom It May Concern:

The following are the model designations and their associated key features for this FCC ID, according to requirement in the KDB 285076 D01.

We, Samsung Electronics, hereby declare the samples evaluated in this application are equivalent to production samples. This device features a HAC mode software setting which activates audio gains and shaping during HAC operation to improve audio performance for users with hearing loss.

| FCC ID:                                    |                                | A3LSMG981U                                                        |           |                                                          |           |
|--------------------------------------------|--------------------------------|-------------------------------------------------------------------|-----------|----------------------------------------------------------|-----------|
| Model(s):                                  |                                | SM-G981U                                                          | SM-G981U1 | SM-G981W                                                 | SM-G981XU |
| Air Interfaces:                            | CDMA                           | BC0/1/10                                                          |           | BC0                                                      | N/A       |
|                                            | GSM                            | GSM850/1900                                                       |           |                                                          | N/A       |
|                                            | WCDMA                          | B2/4/5                                                            |           |                                                          | N/A       |
|                                            | LTE                            | B2/4/5/7/12/13/14/25/26/29(DL Only)/30/38/41/46(DL Only)/48/66/71 |           | B2/4/5/7/12/13/25/29(DL Only)/30/38/41/46(DL Only)/66/71 | N/A       |
|                                            | NR                             | N2/5/41/66/71                                                     |           | N5/41/66/71                                              | N/A       |
| Radio Services:                            | CDMA                           | EVDO                                                              |           |                                                          | N/A       |
|                                            | GSM                            | GPRS/EGPRS                                                        |           |                                                          | N/A       |
|                                            | WCDMA                          | HSDPA/HSUPA/DC-HSDPA/HSPA+                                        |           |                                                          | N/A       |
|                                            | LTE                            | FDD/TDD                                                           |           |                                                          | N/A       |
|                                            | LTE Band41 Implementation      | ULCA with 41C, DLCA, Power Class 2 and 3                          |           | DLCA Only, Power Class 3 Only                            | N/A       |
|                                            | NR                             | FDD/TDD, EN-DC Only                                               |           |                                                          | N/A       |
| Key Features:                              | GPS                            | Yes                                                               |           |                                                          |           |
|                                            | NFC                            | Yes                                                               |           |                                                          |           |
|                                            | SMS,MMS                        | Yes                                                               |           |                                                          | N/A       |
|                                            | Bluetooth(BT), Bluetooth LE    | Yes                                                               |           |                                                          |           |
|                                            | WIFI                           | Yes                                                               |           |                                                          |           |
|                                            | ANT+, MST                      | Yes                                                               |           |                                                          |           |
| Special Voice Interfaces:                  | VoLTE                          | Yes                                                               |           |                                                          | N/A       |
|                                            | VoWIFI                         | Yes                                                               |           |                                                          | N/A       |
|                                            | Pre-installed VoIP Application | Google Duo                                                        |           |                                                          | N/A       |
| Profiles not included in held-to-ear mode: |                                | BT                                                                |           |                                                          | N/A       |

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