

## PART 25 SCS TEST REPORT

|                    |                     |
|--------------------|---------------------|
| <b>FCC ID:</b>     | <b>A3LSMS741U</b>   |
| Model (s):         | SM-S741U, SM-S741U1 |
| Device Type:       | Portable Handset    |
| Report Issue Date: | July 24 2026        |

|                                                                                                                       |
|-----------------------------------------------------------------------------------------------------------------------|
| <b>Samsung Electronics Co., Ltd.</b><br>129, Samsung-ro, Yeongtong-gu, Suwon-si,<br>Gyeonggi-do, 16677, Rep. of Korea |
| <b>Certification</b>                                                                                                  |

The measurement evaluations presented in this report are based on the maximum performance of the tested device(s), which has been shown to be capable of compliance with the applicable technical requirements specified herein and has been tested in accordance with the measurement procedures outlined in 47CFR §2.947, ANSI C63.26 - 2015.

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This document has been revised and replaces all previously issued versions of this document with the same Test Report S/N.



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## 1. Executive Summary

### 1.1. Device Description

The DUT is a portable wireless handset designed to operate across multiple communication standards and frequency bands. This report covers the complete compliance testing for Supplemental Coverage from Space (SCS) capabilities, enabling operations in the CMRS frequency bands.

### 1.2. Test Guidance Applied

Testing was performed in accordance with the following rules, standards, and guidance:

- FCC 47 CFR Part 25
- KDB 273109 D02 v01r01

### 1.3. NGTL Test Site Location

All measurement operations were conducted at the NGTL testing facility.

- Location: 52-7, Choha-ro, Mohyeon-eup, Cheoin-gu, Yongin-si, Gyeonggi-do, Republic of Korea.
- Site Compliance: The measurement environments strictly adhere to the site validation requirements specified in ANSI C63.4-2014+C63.4a-2017 and FCC KDB 414788 D01.
- Accreditations: Fully accredited to ISO/IEC 17025 and designated by the National Radio Research Agency (RRA) as a Conformity Assessment Body (CAB) under the MRAs, maintaining official testing recognition from the FCC and ISED.

| FCC Designation Number | FCC Test Firm Registration Number |
|------------------------|-----------------------------------|
| KR0179                 | 985720                            |
| ISED CAB identifier    | ISED Company Number               |
| KR0179                 | 35746                             |

## 2. Supplemental Coverage from Space (SCS)

### 2.1. Rule Part

#### § Part 25.109(f)

Space and SCS earth stations providing SCS are subject to technical rules in parts 2, 22, 24, and 27 of this chapter where applicable.

#### § Part 25.204(g)

SCS earth stations providing SCS pursuant to §§ 25.125 and 25.115 shall comply with the power requirements and out-of-band emission limits corresponding to devices operating in part 22, 24, or 27 of this chapter (e.g., § 22.913, § 24.232, or § 27.50), as required for their operating frequencies.

### 2.2. CMRS Frequency Bands Available For SCS

The CMRS frequency bands available for SCS in accordance with FCC KDB 273109 v01r01 are specified in the table below.

| CMRS Bands    | CMRS FREQUENCY [MHz] |   |      |
|---------------|----------------------|---|------|
| 600 MHz       | 614                  | - | 652  |
|               | 663                  | - | 698  |
| 700 MHz       | 698                  | - | 769  |
|               | 775                  | - | 799  |
|               | 805                  | - | 806  |
| 800 MHz       | 824                  | - | 849  |
|               | 869                  | - | 894  |
| Broadband PCS | 1850                 | - | 1915 |
|               | 1930                 | - | 1995 |
| AWS-H Block   | 1915                 | - | 1920 |
|               | 1995                 | - | 2000 |

## 2.1. CMRS Frequency Bands Available For SCS

The table below outlines the specific bands supported by the DUT for SCS. The reference reports listed in the table below indicate compliance with the applicable technical requirements.

| CMRS Bands    | CMRS FREQUENCY Uplink [MHz] | CMRS FREQUENCY Downlink [MHz] | SCS 3GPP Band | Rule Part | Reference Report                               |
|---------------|-----------------------------|-------------------------------|---------------|-----------|------------------------------------------------|
| 600 MHz       | 663 - 698                   | 617 - 652                     | 71            | 27        | R2026.006.07<br>R16314687-E4a                  |
| 700 MHz       | 699 - 716                   | 729 - 746                     | 12            | 27        | R2026.006.07<br>R16314687-E4a                  |
| 700 MHz       | 777 - 787                   | 746 - 756                     | 13            | 27        | R2026.006.07                                   |
| 700 MHz       | 788 - 798                   | 758 - 768                     | 14            | 90R       | R2026.008.07<br>R16314687-E8a                  |
| 800 MHz       | 824 - 849                   | 869 - 894                     | 26&5          | 22        | R2026.003.07<br>R16314687-E1a<br>R16314687-E2a |
| Broadband PCS | 1850 - 1915                 | 1930 - 1995                   | 25&2          | 24        | R2026.004.07<br>R16314687-E1a<br>R16314687-E3a |

## 3. Revision History

| Rev. | Issue Date | Revisions                 | Prepared By |
|------|------------|---------------------------|-------------|
| 00   | 07/09/2026 | Initial Release           | SK Hong     |
| 01   | 07/10/2026 | Reference report added    | SK Hong     |
| 02   | 07/24/2026 | Typographical corrections | SK Hong     |

## 4. Conclusion

The RF evaluation indicates that the DUT is capable of compliance with the applicable FCC&ISED technical requirements for all parameters subject to this test. These measurements were performed under worst-case operating conditions to ensure representative results. Appropriate laboratory procedures were applied to ensure the repeatability and reliability of the measurements. The results and statements relate only to the item(s) tested.

The end.