

PART 25 SCS TEST REPORT

FCC ID:	A3LSMS741B
Model (s):	SM-S741B/DS, SM-S741B
Device Type:	Portable Handset
Report Issue Date:	July 14, 2026

Samsung Electronics Co., Ltd. 129, Samsung-ro, Yeongtong-gu, Suwon-si, Gyeonggi-do, 16677, Rep. of Korea
Certification

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.



Youngbin Song
Technical Manager

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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.a-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
700 MHz	699 - 716	729 - 746	12	27	R2026.031.07
700 MHz	704 - 716	734 - 746	17	27	R2026.031.07
700 MHz	777 - 787	746 - 756	13	27	R2026.031.07
800 MHz	824 - 849	869 - 894	26&5	22	R2026.029.07 R16314687-E1c R16314687-E2c
Broadband PCS	1850 - 1915	1930 - 1995	25&2	24	R2026.030.07 R16314687-E1c R16314687-E3c

3. Revision History

Rev.	Issue Date	Revisions	Prepared By
00	07/10/2026	Initial Release	SK Hong
01	07/14/2026	Corrected typos and revised wording	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.