

TEST REPORT

FCC RF Exposure for SM-X520
Certification

APPLICANT
SAMSUNG Electronics Co., Ltd.

REPORT NO.
HCT-SR-2502-FC016

DATE OF ISSUE
February 21, 2025

Tested by
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Technical Manager
Yun Jeang Heo

Yin

HCT CO., LTD.
BongJai Huh
BongJai Huh / CEO

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for certification

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FCC ID
A3LSMX520

Applicant **SAMSUNG Electronics Co., Ltd**
129, Samsung-ro, Yeongtong-gu, Suwon-Si, Gyeonggi-do, 16677, Korea

Product Name **Tablet**
Model Name **SM-X520**

Location of Test ☒ Permanent Testing Lab ☐ On Site Testing Lab
(Address: 74, Seoicheon-ro 578beon-gil, Majang-myeon, Icheon-si, Gyeonggi-do, 17383 KOREA)

FCC Rule Part(s) **CFR § 2.1093**

Digitizer Information

Form Factor	Tablet	
Description	This specification is applicable to Wacom Digitizer Controller.	
Operating Frequency(kHz)	Digitizer	S-pen Digitizer - Button: 531.25 kHz - Writing: 562.50 kHz - Eraser: 593.75 kHz Keyboard Digitizer - Keyboard cover closing detection: 656.25kHz
Maximum Transmit Power(§ 15.209)	Digitizer: -100.16 dBm (6.829 dBμV/m @ 30 m)	

Note: dBm= dBμV-90-20log($\sqrt{Z_0}$) , $Z_0=50$

RF Exposure Test Exclusion

The test was exempt because the Maximum allowed RF Output power of Digitizer meets the test exclusion conditions of FCC KDB 447498 D01 v06.