

129, Samsung-ro, Yeongtong-gu, Suwon-si
Gyeonggi-do, 16677, Korea

Federal Communications Commission
Authorization and Evaluation Division
7435 Oakland Mills Road,
Columbia, MD 21046

MODULAR REQUIREMENT

FCC ID: A3LSIP007AFS00

We, Samsung Electronics Co., Ltd., as a manufacturer of module SIP007AFS00 hereby provide requirement and guidance to use limited modular to meet requirements stated in CFR 47 Rule part 15.203, 15.212(a)iv) and 15.212(b).

The module must be used by professional engineers and it must be properly installed with requirement specified in this document. The module has been tested with following antenna and shall be operated with the antenna all the time. No other antenna can be used without proper authorization and procedure of permissive change.

Antenna Specification

Antenna Type:	Dipole Antenna
2.4 GHz Peak Gain:	+1.43 dBi
5 GHz Peak Gain	+0.91 dBi
Frequency:	2.4GHz, 5GHz (for WLAN, Bluetooth and Zigbee)
Connector Type:	SMA-M
Antenna Size:	108.7 mm

Equivalent antennas must be of the same type and must be of equal or less gain than peak gain above and must have similar in-band and out-of-band characteristics (consult specification sheet for cutoff frequencies). Any new antenna type, or higher gain antenna, approved under Part 15 requires a Class II permissive change, and the requirements of § 15.203 must be met.

Sincerely,



Jaehyuk Lee
Senior Engineer
Samsung Electronics Co., Ltd.