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RF EXPOSURE REPORT

Applicant Name:
Samsung Electronics Co., Ltd.
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Gyeonggi-do, 16677, Korea

Date of Evaluation:
7/8/2019
Test Site/Location:
PCTEST Lab, Columbia, MD, USA
Document Serial No.:
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FCC ID:	**A3LEJPN970**
APPLICANT:	**SAMSUNG ELECTRONICS CO., LTD.**

DUT Type:	Stylus
Application Type:	Certification
FCC Rule Part(s):	CFR §2.1093
Model:	EJ-PN970

SAR Test Exclusion

This device contains a transmitter with Bluetooth LE that may be used in close proximity to the user's body. The maximum allowed output power of the 2.4 GHz Bluetooth LE module is 0.79 mW.

Per FCC KDB 447498 D01v06, the 1g SAR exclusion threshold for distances <50mm is defined by the following equation:

$$\frac{Max\ Power\ of\ Channel\ (mW)}{Test\ Separation\ Dist\ (mm)} * \sqrt{Frequency(GHz)} \leq 3.0$$

Based on the maximum conducted power of Bluetooth (rounded to the nearest mW) and the antenna to user separation distance, Bluetooth SAR was not required; [(1 / 5)* √2.480] = 0.31 < 3.0. Per KDB Publication 447498 D01v06, the maximum power of the channel was rounded to the nearest mW before calculation. Since the minimum separation distance is < 5 mm, a distance of 5 mm is applied to determine SAR test exclusion according to FCC KDB Publication 447498 D01v06.

Therefore, no SAR tests are required to determine that this device will not exceed the FCC RF Exposure limit when being used at 0 mm from the human body.

Randy Ortanez
President

ACCREDITED
TESTING CERT#2041.01