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Office of Engineering and Technology
Federal Communications Commission
7435 Oakland Mills Road
Columbia, MD 21046-1609

To: Office of Engineering and Technology Laboratory
Re: FCC ID: QTLRM-513
Applicant: Nokia (China) Investment Co., Ltd

Description of changes between HWID 0306 and HWID0404

1. New supplier for PWB in HWID0404
2. Alternative components

Alternative components have identical electrical characteristics as original parts.

Component code	Description/Supplier
5650480	Internal antenna
5149075/ 5140040	7X11mm earpiece
4129289	ASIP keyboard interface
4346865	Camera LDO
4858048	ACME mini camera

3. TDMA noise improvement

HWID0306		HWID0404	
Component code	Description	Component code	Description
3646131	Inductor 3.9nH	3646055	Inductor 8.2nH
2320546	Capacitor 27pF	2320544	Capacitor 22pF



4. Tune down TX power on GSM 850 band from 32.5dB to 32.3dB in HWID0404.

Conclusion from internal review:

§22.913(a) Radiated RF output power,
§2.1053 Spurious radiated emissions
§22.917(a) Band edge compliance recommended (GSM850).
All SAR tests on GSM850 recommended.

Application includes test results on affected areas measured with HWID0404.

Sincerely,

Yao Shuo-Lisa
Product Certification Officer
Nokia (China) Investment Co., Ltd.