

**Exhibit 3 FCC REQUIRED INFORMATION**

The following information is presented in the content and format requested by the FCC:

**Section 2.1033 (c)(1):**

The full name and mailing address of the manufacturer of the device and the applicant for certification.

Manufacturer:	<b>Nokia Solutions and Networks</b> 2000 Lucent Lane Naperville, Illinois 60563 Attention: Terry P. Schwenk
Applicant:	<b>Nokia Solutions and Networks</b> 2000 Lucent Lane Naperville, Illinois 60563 Attention: Terry P. Schwenk Phone: (847) 809-6952 email: terry.schwenk@nokia.com

Nokia will be the manufacturer of this product. This product will only be marketed under the Nokia trademark.

**Section 2.1033(c)(2): FCC Identifier: 2AD8UFW2QMBOM1****Section 2.1033(c)(4): Type or Types of Emission: 10M00F9W, 15M00F9W, 20M00F9W**

The above designators are requested for authorization of 10, 15 and 20 MHz bandwidth LTE-TDD Transmission.

*This information has not changed*

**Section 2.1033(c)(5): Frequency Range**

**Transmit/ Receive: 3550-3700 MHz**

**Section 2.1033(c)(7): Maximum Power Rating**

The maximum rated mean RF output power available at the two transmit antenna terminals is 2 W (+33.01 dBm) per port and 4 Watts (+36.02 dBm) in total per module.

*This information has not changed*

**Section 2.1033(c)(6): Range of operating power values or specific operating power levels, and description of any means provided for variation of operating power.**

The nominal transmit output power for each Tx path is translation settable over a range of 13 dB in 11 steps. The carrier output power level is adjustable digitally and these features are controlled by software.

The transmit power per port will range from: 0.1W / 20 dBm to 2W / 33 dBm maximum at each of its two antenna transmit terminals. The power settings available at each port are: 0.1, 0.25, 0.315, 0.4, 0.5, 0.63, 0.8, 1, 1.2, 1.6, and 2 W

Total power from both ports will range from 0.2W/ 23 dBm to 4W / 36 dBm.

*This information has not changed*

**Exhibit 3      FCC REQUIRED INFORMATION *continued***

**Section 2.1033 (c)(10):** A description of all circuitry and devices for determining and stabilizing frequency.

**Response**

The Flexi Zone BTS supports operation in either a frequency or a phase synchronization mode. In either mode, the frequency accuracy of the transmitted LTE RF carrier is maintained to better than 50 ppb. A crystal oscillator housed within a temperature controlled oven (OCXO) is used as a reference to set the RF carrier frequency. The OCXO frequency is operated as part of a digitally controlled phase locked loop to calibrate the frequency against one or more of the following reference sources:

Reference Source	Synchronization Mode	
	Frequency	Phase
Integrated GPS / GLONASS Receiver	Yes	Yes
Synchronous Ethernet (ITU-T G.8261)	Yes	No
Timing over Packet (according to IEEE1588-2008™)	Yes	Yes
Network Time Protocol (according to NTPv4)	Yes	No

A multi-GNSS (Global Navigation Satellite System) timing receiver is used to provide a precise frequency and phase reference. The multi-GNSS receiver can be configured to base its timing solution on the reception of either the United States Global Positioning System (GPS), the Russian Federation Global Navigation Satellite System (GLONASS) or both constellations simultaneously. Precise frequency can also be provided over the Flexi Zone BTS backhaul connection using Synchronous Ethernet, IEEE1588-2008™ or Network Time protocol. Within the USA the use of GPS is mandated.

For cases where the accuracy of the Flexi Zone BTS carrier frequency cannot be guaranteed to be within 50ppb (such as an extended loss in availability of a valid synchronization reference source), LTE RF transmissions are stopped until synchronization has been restored.