

Exhibit 7

Compliance with the general technical requirements of the FCC Part 15.

<u>FCC Section</u>	<u>FCC Rules</u>	<u>Lexycom's compliance</u>
§15.31	The hopping function must be disabled for tests, which should be performed with the EUT transmitting on the number of frequencies specified in this Section. The measurements made at the upper and lower ends of the band of operation should be made with the EUT tuned to the highest and lowest available channels.	The frequency hopping was disabled during the test. The measurements were done on 1 frequency near the top, 1 frequency near the bottom, and 1 frequency near the middle.
§15.203	Describe how the EUT complies with the requirements that either its antenna is permanently attached, or that it employs a unique antenna connector, for every antenna proposed for use with the EUT. The exception is those cases where EUT must be professionally installed. In order to demonstrate that professional installation is required, the following 3 points must be addressed: <ul style="list-style-type: none"> • The application (or intended use) of the EUT • The installation requirements of the EUT • The method by which the EUT will be marketed 	The applications description is provided in the product User Manual ¹ . The product will be sold by Lexycom's sales department to be installed professionally only and not by regular customers. The installation requirements for the product are provided in the Installation Manual ² . To assure the product compliance, the User Manual has no references to how change transceiver's parameters, which determine products compliance (such as the output power level, etc.). Therefore, once the transceiver is professionally installed, these parameters are guaranteed to stay unchanged. Typical installations involve tower construction, antenna installation, feed line fabrication and routing which often is within a conduit, radio installation, and power provisioning. Since the length and type of the feed line varies widely, professional installation with a standard RF connector is a necessity.

¹ The FCC submittal, FCC ID: TKY-TMS800, Exhibit 1a, User Manual² The FCC submittal, FCC ID: TKY-TMS800, Exhibit 1b, Installation Manual

<u>FCC Section</u>	<u>FCC Rules</u>	<u>Lexycom's compliance</u>
§15.204	Provided the information for every antenna proposed for use with the EUT: type (e.g. Yagi, patch, grid, dish, etc...), manufacturer and model number, gain with reference to an isotropic radiator.	This information is provided in the Exhibit10 ³ of this submittal.
§15.247(a)	Description of how the EUT meets the definition of a frequency hopping spread spectrum, found in Section 2.1, based on the technical description.	The product is using frequency hopping with channel separation of 250 kHz. The hopping sequence is pseudo-random and greater than 50 hopping channels long. The average time of occupancy of each frequency channel is no greater than 0.4 sec within 20 seconds period.
§15.247(a)	<u>Pseudo Frequency Hopping Sequence:</u> Describe how the hopping sequence is generated. Provide an example of the hopping sequence channels in order to demonstrate that the sequence meets the requirements specified in the definition of a frequency hopping spread spectrum system, found in Section 2.1.	The product will be shipped with a set of pseudo-random hopping sequences pre-loaded into the transceiver's read-only memory. The pre-loaded hopping sequences were derived by using a programming language Random Number Generator (RNG) function. The RNG was fed with the start frequency of 902.25 kHz, stop frequency of 927.75 kHz, and a frequency increment of 250 kHz. The sample hopping pattern is included in the Exhibit2 ⁴ of this submittal.
§15.247(a)	<u>Equal Hopping Frequency use:</u> Describe how each individual EUT meets the requirements that each of its hopping channels is used equally on average (e.g. that each new transmission event begins on the next channel in the hopping sequence after final channel used in the previous transmission events).	The hopping of the transceiver is asynchronous to the user's data. The transceiver's microprocessor keeps track of the frequency hopping. The user's data randomly presented to the transceiver's data port will be randomly distributed across the transceiver's hopping sequence.

³ The FCC submittal, FCC ID: TKY-TMS800, Exhibit 10, Photos and technical data of the antennas to be used with the product

⁴ The FCC submittal, FCC ID: TKY-TMS800, Exhibit 2, Technical Description and Block Diagram, 'Pseudorandom Hopping Sequence sample' section

<u>FCC Section</u>	<u>FCC Rules</u>	<u>Lexycom's compliance</u>
§15.247(g)	Describe how the EUT complies with the requirements that it be designed to be capable of operating as a true frequency hopping system.	The transceiver dwells equal and predetermined time on each frequency channel in its hopping sequence regardless if the user's data presented to it is continuous or burst. Additionally, the transceiver is designed to always hop on the number of frequency channels greater than 50.
§15.247(h)	Describe how the EUT complies with the requirement that it not has ability to coordinate with other FHSS is an effort to avoid the simultaneous occupancy of individual hopping frequencies by multiple transmitters.	The transceiver executes its hopping sequence based on its settings and without considering the frequency channel(s) occupancy or any other dynamic factors.
Public Notice DA 00-705	<u>System Receiver Input Bandwidth:</u> Describe how the associated receiver(s) complies with the requirement that its input bandwidth (either RF or IF) matches the bandwidth of the transmitted signal.	The receiver's input bandwidth is set to be 260 kHz, matching the bandwidth of the transmitted signal.
Public Notice DA 00-705	<u>System Receiver Hopping Capability:</u> Describe how the associated receiver(s) has the ability to shift frequencies in synchronization with the transmitted signals.	Once the receiver achieves synchronization, it will start shifting its frequencies in accordance with the frequency of the signal transmitted by the master.