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Nemko Canada Inc.
303 River Road
Ottawa, Ontario, Canada
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Attn: Mr. Stuart Beck, Director of Certification

Subject: Composite application for certification of the wireless alarm control panel, model PowerMaxComplete, FCC ID:GSAPWRMCOMPLETE, comprising the 315 MHz transmitter, 131 kHz transmitter and the Quad-Band GSM module, FCC ID:RI7GE863L

Dear Gentlemen,

Please find attached our composite application for certification of the wireless alarm control panel, model PowerMaxComplete, FCC ID:GSAPWRMCOMPLETE, prepared in accordance with FCC Rules, parts 15, 22H/24E and 2.

The device includes the Quad-Band GSM module, FCC ID:RI7GE863L. There is NO difference between the originally certified Quad-Band GSM module and the one used in the PowerMaxComplete, except of antenna. The GSM module may be equipped with two types of antenna: with a short cable, installed at the factory inside the housing, and the alternative - with a longer cable (which can be externally installed instead of the internal one. The "external" antenna is supplied only upon customer demand.

Full testing according to FCC part 15 sections 15.231 and 15.209 was performed, test reports were provided.

The peak output power and radiated spurious emissions testing according to FCC parts 22H, 24E was performed in support of this filing, Hermon Labs test report VISRAD_FCC.17939_22_24_rev1. The OBW, frequency stability, spurious emission on the antenna terminals and bandedge emissions tests were used from FCC ID:RI7GE863L original filing (modular approval), test report No. 22345RET of CETECOM.

The partial tests were performed to verify spurious emissions under the maximum available power and simultaneous transmission of 3 transmitters. The GSM module itself has its own modular approval and may be used without additional radio tests.
The justification for use of data from previous report is that no changes were implemented by integrator and the GSM module is certified by modular approval procedure.

Michael Nikishin,
EMC and Radio group leader
Hermon Laboratories Ltd.