

Castel San Pietro Terme, 28 July 2011

Nemko Canada Inc.  
303 River Road  
Ottawa, Ontario, Canada  
K1V 1H2

FCC ID: XM2-LOWPOWER6

Product Name: Optical Systems Remote Unit TRL7S8SC8A9S19AWAS with Master Device

### **REUSE TEST REPORT**

The multiband low power units are engineered following a fully modular philosophy and thanks to this it will be possible to create every combination of bands reusing the same circuitry.

Due to this design methodology every section (band amplifier) will have the exact RF schematics, PCB layout, component, RF level setup, modulation type and consequently RF performance for each frequency band and so this allow us the reuse of test data obtained during previous measuring sessions.

External antenna is not provided with equipment.

The bands were already tested in other projects except for a new band. Details are:

SMR700: 698-787 MHz

(see FCC ID: XM2LOWPOWERL, see test reports: 148253-1\_TRFWL and 148253-2\_TRFWL)

SMR800C: 817-869 MHz (new band)

AMPS: 824-894 MHz

(see FCC ID: XM2-LOWPOWER, see test reports: 131640-1\_TRF\_EMCC and 156523-1\_TRF\_WL)

SMR900: 896-940 and 901-941 MHz (see FCC ID: XM2LOWPOWERL)

(see FCC ID: XM2LOWPOWERL, see test reports: 148253-3\_TRFWL and 148253-4\_TRFWL)

PCS: 1850-1995 MHz (see FCC ID: XM2-LOWPOWER)

(see FCC ID: XM2-LOWPOWER, see test reports: 131640-2\_TRF\_EMCC and 156523-2\_TRF\_WL)

AWS: 1710-2155 MHz (see FCC ID: XM2-LOWPOWER)

(see FCC ID: XM2-LOWPOWER, see test reports: 131640-3\_TRF\_EMCC and 156523-3\_TRF\_WL)



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**Dated** 28 July 2011

**By:** Alessandro Brunelli **ALESSANDRO BRUNELLI**  
**Signature** **Printed**

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