

Wednesday, September 23, 2009

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

RE: FCC:EZSDEI1800, IC: 1513A-1800
Models: HY1874, HY1875, HY1876, HY1877, HY1878, HY1879, HY1880, HY1881, HY1882

Radio Hardware Explanation Letter

This design operates at 3 different frequencies and modulations as follows under part 15.231 for vehicle access control;

315MHz, ASK
313.85MHz, FSK
315MHz, FSK

The design will be marketed and sold under 7 different models and will operate at only one of the 3 configurations above for each model. The PCB (Radio HW) is common to all 7. The RF IC, the crystal, the RF matching components, essentially the entire radio BOM is identical. The different configurations are achieved via SW setting changes to the RF IC which is a frequency agile synthesized and highly integrated radio chip.

Thanks,

Minas Minassian



Minas Minassian
RF Engineering Manager