

22 May 2020

Federal Communications Commission
Equipment Authorization Branch,
7435 Oakland Mills Road,
Columbia, MD 21046

RE:NI8QB450QP450A Permissive Change

A Class II Permissive Change has been added because new modulation types have been added with new emission designators that allow improved spectral efficiency of the product. The new modulation types are:

- Quadrature Phase Shift Keying (QPSK) with emission designator suffix G1D
- Quadrature Amplitude Modulation (QAM) with emission designator suffix D1D

The use of D1D emissions requires a waiver from section 90.207 of the commissions rules and such a waiver will be submitted with this application. In each case the maximum mean transmitted power is lower than the maximum transmitted power approved for the existing modulation types.

There has also been a change made to the receiver hardware (new mixer) as well as minor changes to improve EMC hardening of the ports and these do not degrade the existing performance of the product. There has also been a change from ribbon cable to a flexible PCB between base station modules, but the routing of the cable is unchanged.

Yours sincerely,



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