



GE MDS

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January 20, 2016

**FEDERAL COMMUNICATIONS COMMISSION**  
7435 Oakland Mills Road  
Columbia, MD 21046  
U.S.A.

**Subject: GE MDS LN900 Part 90 / RSS-119 frequency stability attestation**

**Applicant: GE MDS LLC**  
**Product: LN900 digital transceiver**  
**FCC ID: E5MDS-LN900**

Dear Sir/Madam,

The LN900 is operates between 896-960MHz, in channel bandwidths of 6.25kHz, 12.5kHz, and 25.0kHz. Under Part 90 rules this device is designed to operate in the sub-bands 896-901MHz, 928-930, and 935-940 MHz.

All transmit operation in a normal running LN900 network is governed by a Media Access Control Protocol. The MAC uses distributed control functionality between the AP and all other radios in the network, such that the transmissions of stations act to automatically control the emissions and operation of other stations in the system. As such all stations function as control stations, as defined in Part 90.7.

FCC Part 90.213 footnote 14 and IC RSS-119 section 5.3 footnote 6, each state that control stations may operate with the frequency tolerance specified for associated mobile frequencies.


The applicable sub-bands and minimum frequency tolerance are provided below:

Frequency Range	FCC Minimum ppm	IC Minimum ppm
896-901 MHz	1.5	1.5
929-930 MHz	1.5	1.5
935-940 MHz	1.5	3

The measured frequency stability of 0.3ppm meets the minimum frequency stability for each sub-band. This letter serves as attestation supporting evidence for the frequency stability.

If you have any queries, please do not hesitate to contact me at 585 242-8440.

Yours truly,

Signed:  Name: Dennis McCarthy .....

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