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IC: 6265A-M190

Request for Class II Permissive Change

Our M190-T low-frequency transmitter and its associated antenna, M190-A1, were tested and FCC and Industry Canada certified in March of 2009. We now have two new antennas for use with this system that we would like to add to both certifications under a Class II Permissive Change.

The original M190-A1 antenna was an air core design. The two new antennas use bar shaped ferrite cores.

The larger of the two will be installed in a plastic housing for mounting on the surface of a vehicle. The antenna component, our part number ANT11957-1, is mounted in the housing. The complete antenna assembly is our model number M190-A2. A CAD rendering of the housing is included.

The smaller antenna component, ANT11958-1, will be integrated inside a plastic housing along with the LF transmitter board, or may be installed in a separate external housing for surface mounting similar to the M190-A2 but smaller in size. In that case, the stand-alone assembly would be our model M190-A3.

The specification sheets for both antenna components are included with electrical parameters and photographs. These are custom parts, and their specifications are considered proprietary.

Rick King completed the Part 15 / RSS-210 testing in January 2010, so the test report should be available. The Elite project number is: EEE0903367.

Respectfully submitted by,

David Evans
Senior Design Engineer