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May 19, 2010

Re: Class II Certification for TRW Transmitter
Model/PN(s): 208926-101, 208926-102,
208926-103, 208926-104,
208926-105, 218726-101,
218727-101, 218727-103,
209930-101
FCC ID: GQ43VT20T
IC: 1470A-1T

EXISTING FAMILY / FAMILY PREVIOUS / CLASS II JUSTIFICATION

TRW Transmitter model/PN(s) 208926-101, 208926-102, 208926-103, 208926-104, 208926-105, 218726-101, 218727-101, 218727-103, 209930-101 are functionally identical to the originally certified device(s). However, there have been minor changes to the above Models due to component sourcing limitations. ON Semiconductor has discontinued the original NSF2250WT1 UHF transistor (Q1). This transistor was replaced by an Infineon BFR182W. To compensate for minor performance parameter shifts of Q1, a resistor (R10) was changed from 300Ω to 383Ω. No changes were made to the PCB layout, and no other components were modified.