

ER1401

NARCO AVIONICS AT155 TRANSPONDER

FCC FREQUENCY STABILITY REPORT

PURPOSE OF THIS REPORT

This report contains the technical information required by the FCC in 47 CFR Part 2.1055.

TEMPERATURE VARIATION

TEMPERATURE IN °C	FREQUENCY IN MHZ
+50	1087.8
+30	1088.5
+10	1089.4
-10	1091.9
-20	1092.4

VOLTAGE VARIATION

The AT155 contains a voltage regulator and the frequency of the transmitter is not affected by variations of the primary supply voltage. The normal operating voltages for the AT155 are 13.75V and 27.5V. The AT155 was tested over the range of 10V to 35V.