

ER1402 (ADDENDUM July 2002)

NARCO AVIONICS AT155 TRANSPONDER

FCC TESTING

PREFACE

Upon examination of the FCC test report submitted to Narco Avionics by IITRI R & B Laboratories it was noted that the XPDR/DME generator listed on page 10 of the report was out of calibration. This piece of test equipment was originally provided to R & B to provide a stimulus to the AT155 so it would transmit (calibration not required). In preparation for the test R & B asked Narco if we had any suggested method for measuring the power output of the AT155. We suggested they use the generator that they already had (we were not aware of the calibration issue since the generator was not originally provided as a measurement device). When we noticed the expired calibration on the generator we tested the FCC AT155 (S/N E-01) on a calibrated generator and found that the two generators agreed on the power level.

TEST EQUIPMENT USED

ITEM	CHARACTERISTICS	MANUFACTURER	MODEL NO.	SERIAL NO.	CAL DUE
XPDR/DME Simulator		IFR	ATC-1200Y4	1094	25 JAN 2003

TEST RESULTS

FCC PART 87	RF POWER OUTPUT
SETTING	RESULTS
"0000"	200W
"7777"	200W



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