

# Beacon Test Report

2DCC335E78645DC

**Organization:** WST

**Tested By:** KH

**Date:** 18-Feb-04 10:03:07 PM

**Tester Model/Serial No./File Name:** BT100A/65004/BEACON2

**Tester Cal Due Date:** Jan 5, 2006

**Tester Temperature:** 28°C



**PASS**



**FAIL**

**INITIALS:** \_\_\_\_\_

**Notes:** Add text comments here.

**U.I.N:** 2DCC335E78645DC

**Full Hex:** FFFE2F96E619AF3C322EE7DF16371DBB1AFF

**Burst Mode:** Normal Mode (Long)

**Protocol:** EPIRB Serial SLP Protocol

**Country:** United States (366)

**C/S Approval #:** 102

**Serial Number:** 12092

**Position Source:** Internal GPS

**Auxiliary Radio:** 121.5 MHz

**Bits 107-110:** Default

**Latitude:** N 49°52'36"

**Longitude:** W 119°27'4"

## 406 MHz Measurements

**Frequency (INT REF):** 406.0244 MHz

**Power (EXT COAX):** 41% RSSI

**Power Rise Time:** : < 5 ms

**Phase Deviation:** -1.08 +1.16 radians

**Modulation Rise Time:** 142 uS

**Modulation Fall Time:** 153 uS

**Modulation Symmetry:** 2.4%

**Modulation Bit Rate:** 401 bps

## 121.5 MHz Measurements

**Frequency (INT REF):** 121.4998 MHz

**Power (EXT COAX):** 75% RSSI

**Sweep Direction:** Downwards

**Audio Frequency:** 437 Hz to 1437 Hz

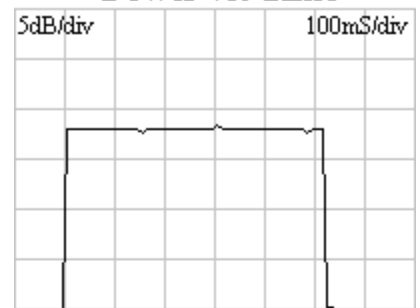
**Sweep Range:** 1000 Hz

**Sweep Rep Rate:** 2.6 Hz

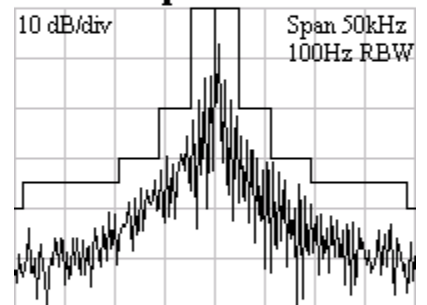
**Modulation Factor:** 96 %

**Duty Cycle:** 35 %

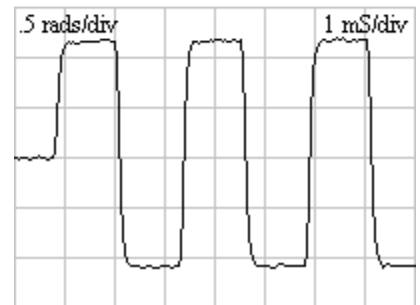
## Power vs. Time



## Spectrum



## Phase vs. Time



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