

APPENDIX A: ADDITIONAL INFORMATION SUPPLEMENTARY TO THE TEST REPORT

This document contains the scope diagrams from the modulation of the test samples.

Sample No. 3 – Normal Operation

Sample number 3 works in normal mode. This means when a correct command from the interrogator is received, the transponder responds with the respective answer.

This sample has identification number: 0.100.001.538

The other samples (numbers 1 and 2) are for testing purposes only, and work in transmit mode.

Sample No. 1 – Continuous Worst Case Modulation

The RF – output is continuously modulated with a 50 % on / off signal respective to the communications baud rate from 38,400 baud.

This sample has no identification number.

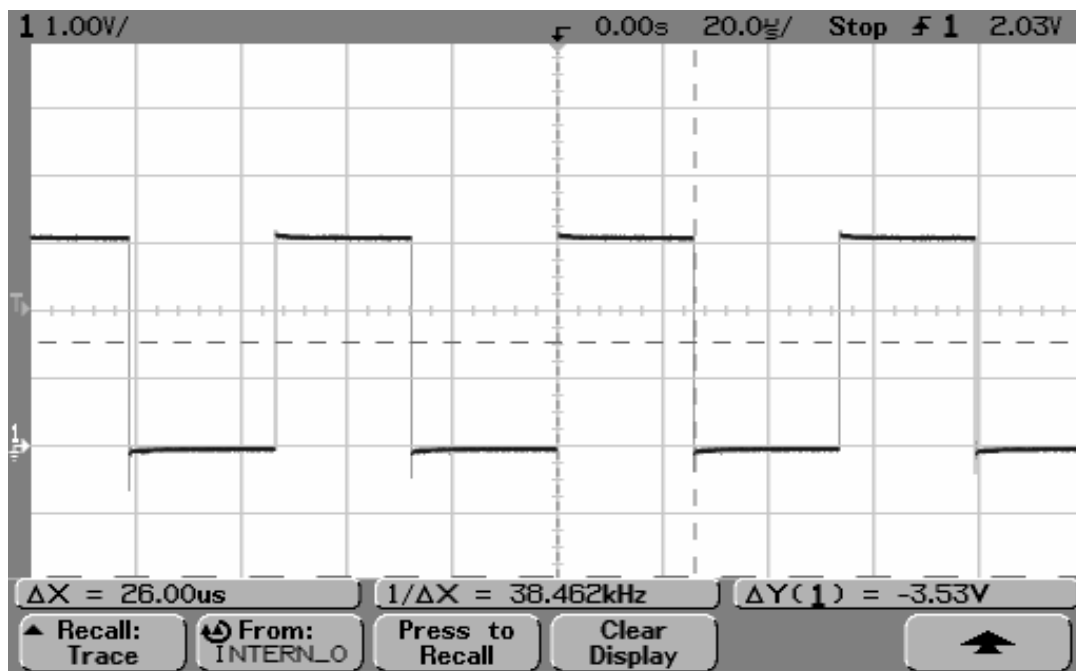


DIAGRAM 1: CONTINUOUS MODULATION

Sample No. 2 – Representative Answer Burst

Every 110 msec, this sample sends an answer burst that is representative for a scan answer. A pseudo random generator changes the data content of this burst, so that each telegram is different.

This sample has no identification number.

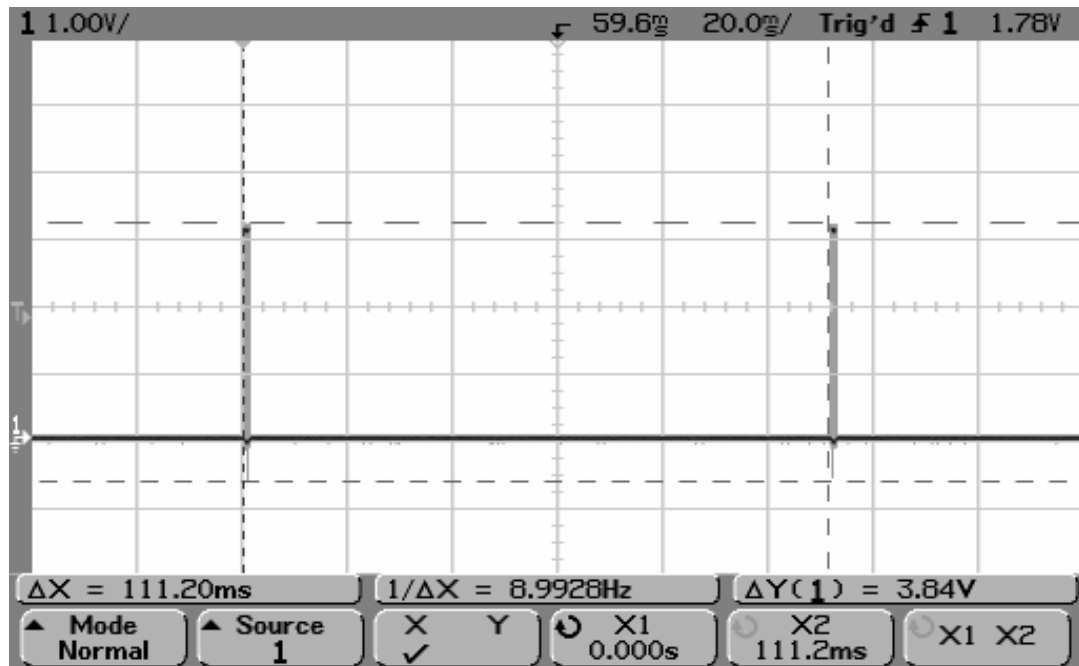


DIAGRAM 2: ANSWER BURST CYCLE

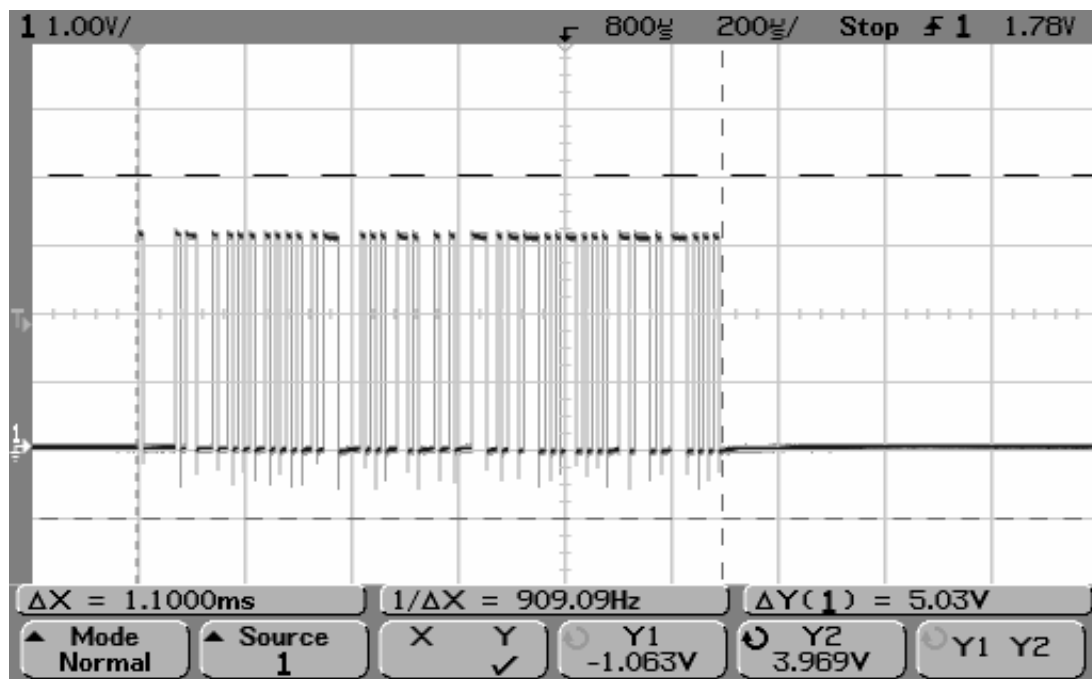


DIAGRAM 3: ANSWER BURST DURATION