

# **MBS 1000-2**

## **Modulation Test Results**

**050-801-0011 R01**



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## 1 Purpose

The purpose of this test is to determine the MBS1000-2 transmitter modulating waveform.

## 2 Test Equipment

Following is a list of test equipment used.

- **HP Spectrum Analyzer 4396A** with frequency range from 2Hz to 1.8GHz.  
S/N: 3241J00153 Calibrated by WESTCAN  
Calibration Date: 21 July 2003      Calibration Due: 21 July 2004
- **AGILENT OSCILLOSCOPE 54642D**  
S/N: MY42000553 Calibrated by AGILENT  
Calibration Date : 04 Nov 2002      Calibration Due: 04 Nov 2004

## 3 Results

Two waveforms are attached, representing the modulating signal and the output of the transmitter waveform.

The modulating signal rate is 3375 symbols/sec.

The initial power burst is 7 ms long

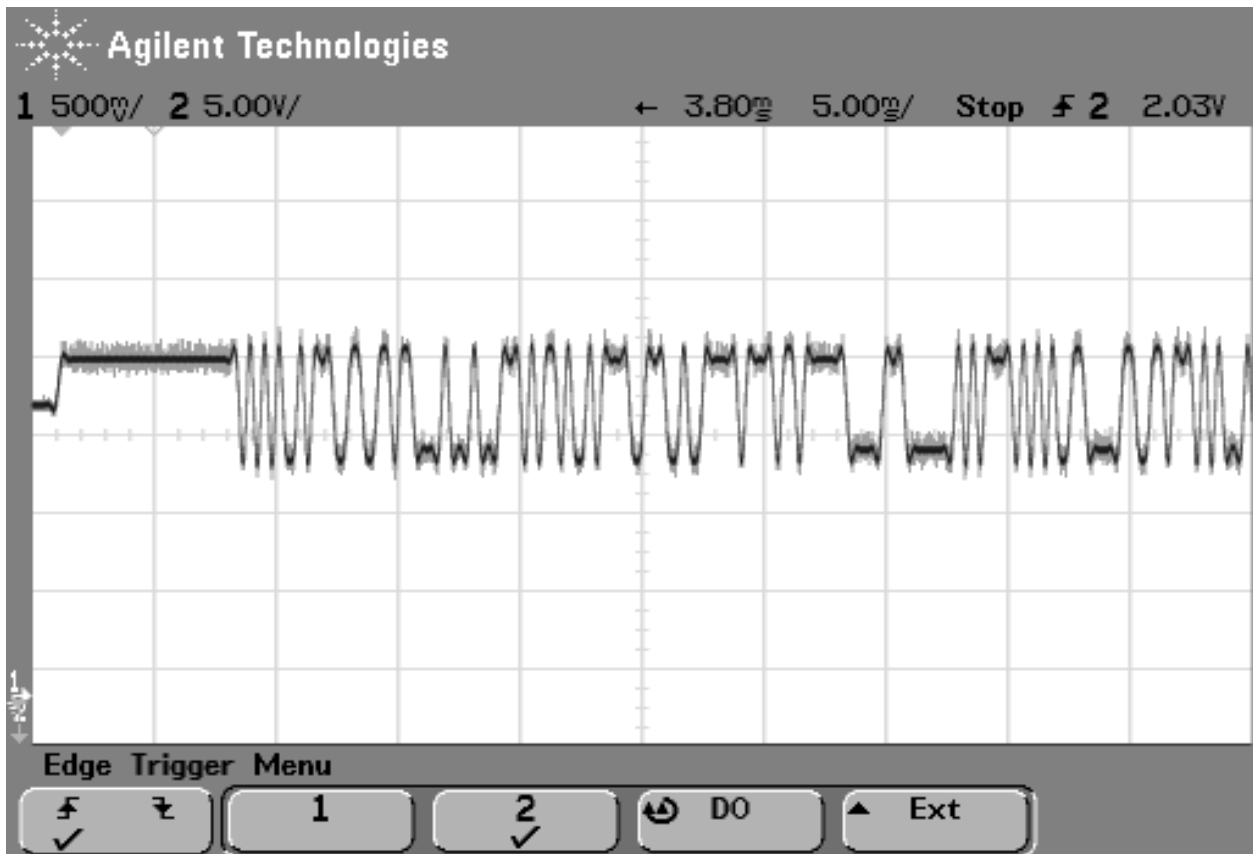
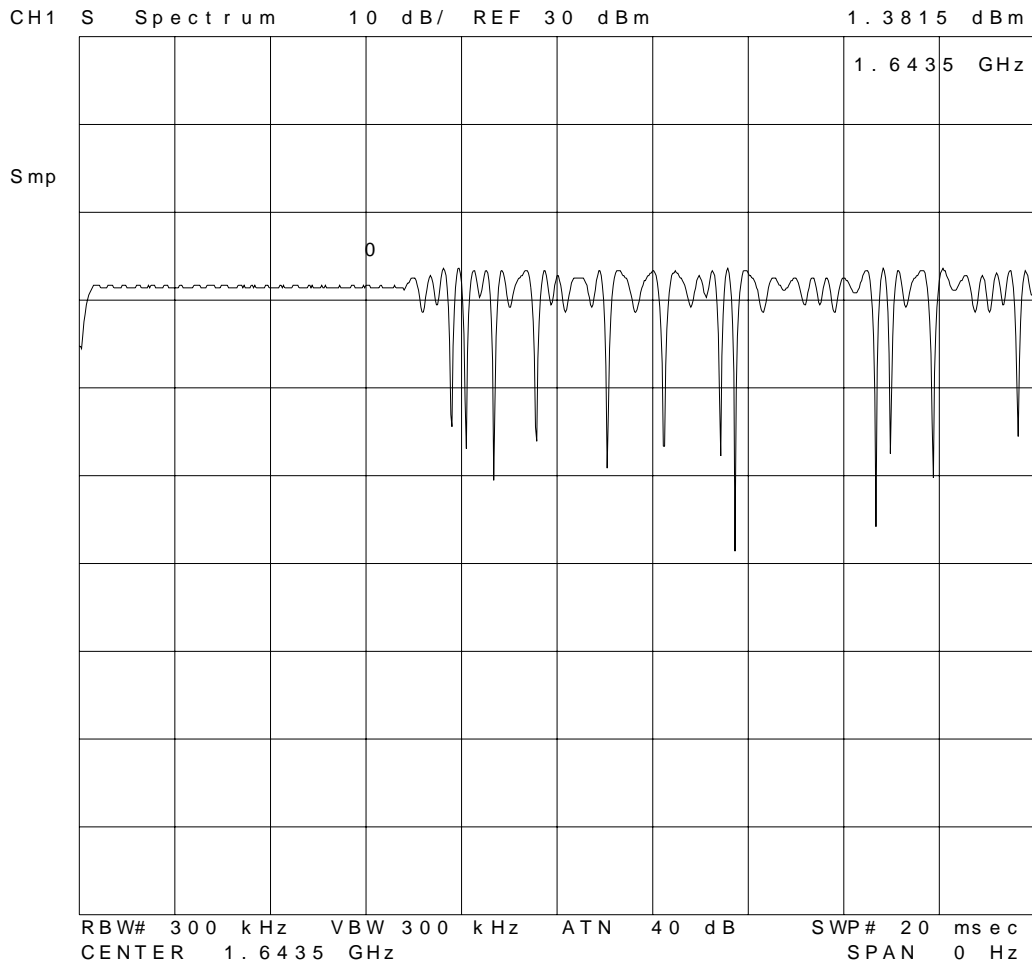


Figure 1. Modulating signal



**Figure 2. Output power waveform**