
APPENDIX F-

SDT 5000

Modulation Test Results

050-801-0016 R01



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Wireless MATRIX Proprietary and Confidential

1/4

1 Purpose

The purpose of this test is to determine the SDT 5000 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: 3241J00133
- **AGILENT OSCILLOSCOPE 54642D**
S/N: MY42000553

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

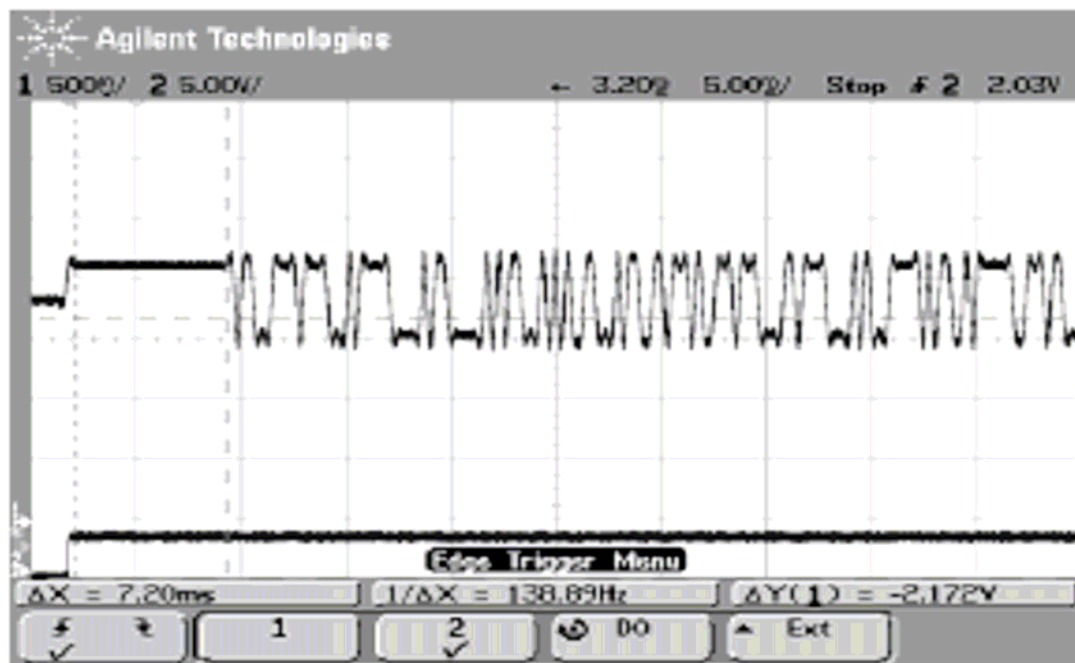


Figure 1. Modulating signal

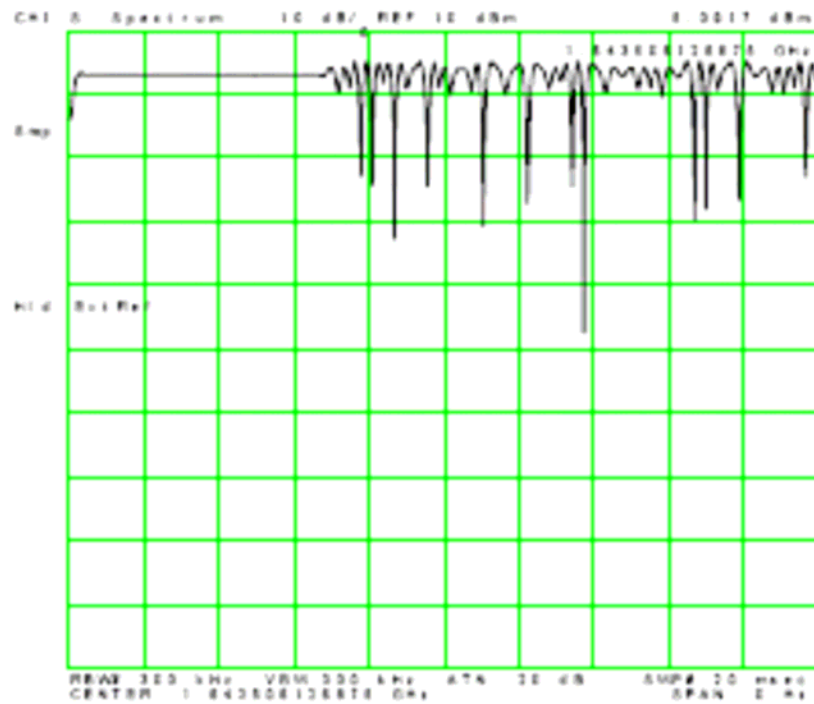


Figure 2. Output power waveform