



P.O. BOX 265
OGDENSBURG, NY
U.S.A. 13669-0265

TEL: 888-670-8729 (USA & Canada) or +1-613-226-5772 (Intl)
FAX: 800-561-1970 (USA & Canada) or +1-613-226-2802 (Intl)

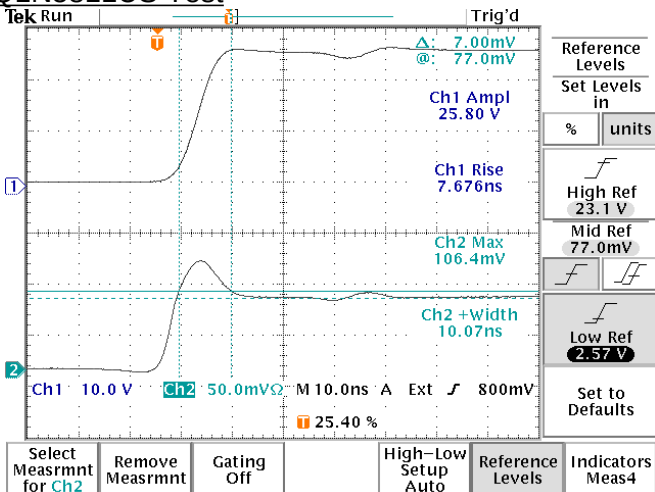
BOX 5120, LCD MERIVALE
OTTAWA, ONTARIO
CANADA K2C 3H4

info@avtechpulse.com - http://www.avtechpulse.com/

PERFORMANCE CHECKSHEET

Model: AVR-EBF6-B-F12NS-F8NS-ANB
Type: Forward Recovery Measurement System
S.N.: 11815
Date: September 17, 2007

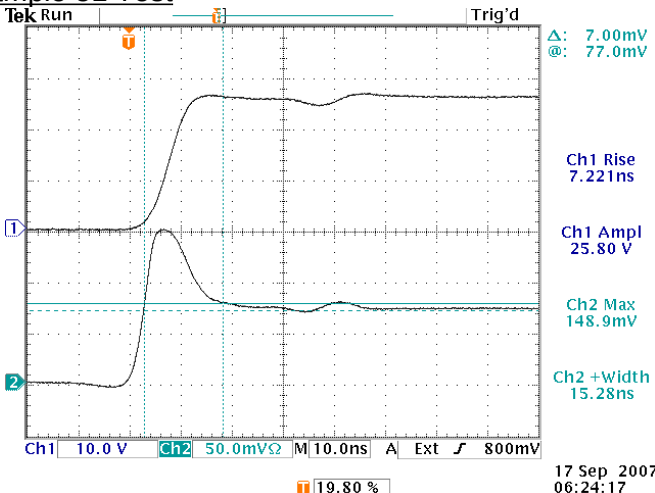
MQ1N5811US Test



- a) Output Signal Amplitude: 0 to +50V, at the mainframe output
- b) Pulse Width (FWHM): 0.2 – 100 us, at the mainframe output
- c) Rise Time (10%-90%): < 5 ns, at the mainframe output
- d) Fall Time (90%-10%): < 5 ns, at the mainframe output
- e) PRF: 1 Hz - 2 kHz
- f) Jitter, Stability: OK
- g) Prime Power: 100-240V AC, 50-60 Hz.

Top – input to the test jig (+25.7V, ~ 8 ns rise time).
Bottom – AVX-TFR-MELF out ($V_{DUT}/10$).
 $V_{FM} = 1.064V$, $V_F = 0.70V$, and $t_{FR} = 10.07$ ns

Sample 51 Test



Top – input to the test jig (+25.7V, ~ 8 ns rise time).
Bottom – AVX-TFR-ANB out ($V_{DUT}/10$).
 $V_{FM} = 1.489V$, $V_F = 0.70V$, and $t_{FR} = 15.28$ ns

Mainframe output with no filter, leading edge at 2 kHz,
200 ns, +50V,

10 ns/div. 10 V/div (100 mV × 40 dB):

