



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)

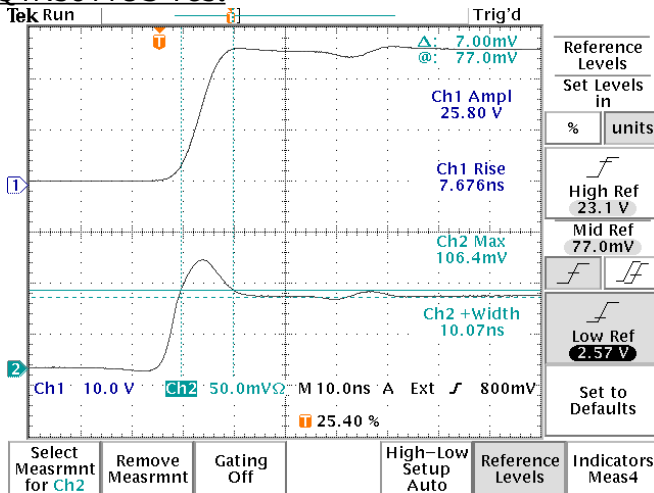
BOX 5120, LCD MERIVALE  
OTTAWA, ONTARIO  
CANADA K2C 3H4

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

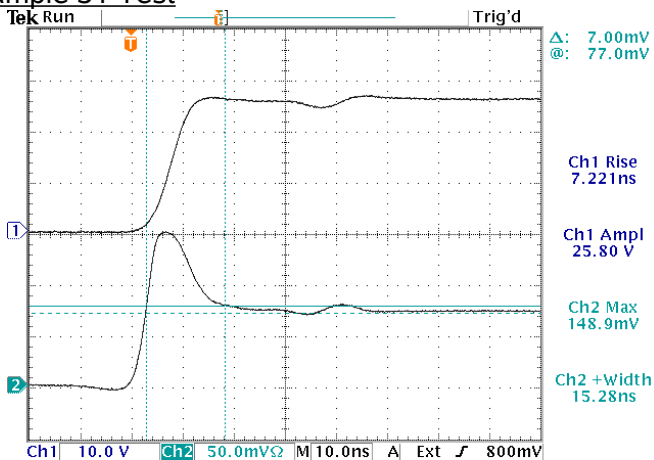
MQ1N5811US Test



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

- 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.

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

17 Sep 2007  
06:24:17

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

10 ns/div. 10 V/div (100 mV × 40 dB):

