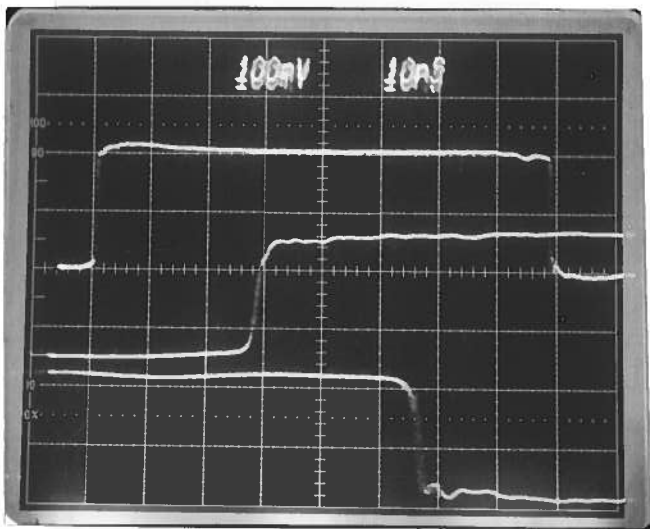


PULSE GENERATOR
PERFORMANCE CHECK

Model: *AVMP-3-B-F-OT-CA-R5*
 S.N.: *9563*
 Date: *NOV 20 2000*



- a) Output signal amplitude: *0 TO +20 VOLT*
- b) Pulse width: *(7050N)*
8 TO 100 NS
- c) Rise time: *≤ 300ps.*
- d) Fall time: *≤ 300ps*
- e) PRF: *0 TO 1 MHz.*
- f) Jitter, stability: *OK*
- g) Prime power: *170/240V*
50-60Hz

40 db ATTN
10 VOLT/DIV
100 10 NS/DIV
100 1 NS/DIV (RISE TIME)
100 1 NS/DIV (FALL TIME)
PRF = 100 KHz
0V OFFSET

a) DC OFFSET: *0 TO ± 10 VOLT*
200 mA MAX

[Signature]

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"-B" Functional Test & Calibration Certificate

Date of test:	November 20, 2000				Tester:	MJC
Programmed model name:	AVMP-3-B-P-OT-ELA-R5					
Programmed serial number:	9563					
Firmware revision:	2.22					
Internal trigger checked at:	1 Hz	100 Hz	10 kHz	1 MHz		
Actual measured output ¹ :	0.997 Hz	99.6 Hz	9.95 kHz	0.99 MHz		
External trigger checked:	yes			Gate checked:	yes	
Trigger load resistor present:	yes					
Manual trigger checked:	yes					
Pulse compression checked:	yes	Low Amplitude PW Distortion Nulled:			N/A	
Pulse width checked at:	8 ns	20 ns	50 ns	100 ns	+20V, to 50	
Actual measured output ² :	7.8 ns	20.2 ns	51.8 ns	100.9 ns	Ohms, 100kHz	
PWin = PWout mode checked:	N/A			DC mode checked:	N/A	
Duty Cycle Limit:	10%					
Delay nulled:	yes					
Delay checked at:	100 ns	200 ns	500 ns			
Actual measured output ¹ :	102 ns	203 ns	507 ns	+20V, to 50 Ohms, 10 kHz		
Double pulse checked:	N/A					
Invert mode checked:	N/A					
ECL/TTL modes checked:	N/A					
Zout switch checked:	N/A					
Amplitude checked at:	+5V	+10V	+20V	100 kHz, 100		
Actual measured output ² :	+5.0V	+10V	+20.0V	ns, 50 Ohms		
Amplitude polarity:	+					
Zout calibration:	N/A					
Electronic amplitude control:	N/A					
External amplify mode:	N/A					
Ultraviolet flux removed:	N/A					
Monitor V/I Ratio:	N/A			Monitor offset nulled:		
LCD Monitor calibrated:	N/A			Monitor offset nulled:		
Mon. Single Pulse/Min PW OK:	N/A			SHA Cap:		
Offset checked at:	-10V	0	+10V	into 50 Ohms		
Actual measured output ² :	-10.02V	-0.01V	+9.99V			
Offset nulled (output on):	yes			Amplitude-dependent offset nulled:	N/A	
Offset nulled (output off):	yes					
RS-232 checked:	yes					
Sync pulse width checked:	200 ns					
Circuit Boards:	PS:	93	Main:	108		
Overload Trigger Resistance:	Trips at:	N/A	Installed:	22k		
DC fuses:	Positive:	N/A	Negative:	N/A		
AC Current at 115 VAC:	Quiescent:	0.39A	Max. Load:	0.52A		
AC fuse:	1A					
Photographed:	yes					

¹ Checked with: Fluke PM6681 Counter, referenced to Datum ExactTime 9390-6000 GPS Frequency Reference² Checked with: Tektronix TDS360 digital oscilloscope for PW ≥ 5 ns,
Tektronix 7704A/7S11/7T11/S4 sampling oscilloscope system for PW < 5 ns.