Typical Characteristics
For
P3T-2G18G-60-T-SFF

January 24, 2011

Tested by: Sebastian Palacio

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TYPICAL TEST DATA
ON
P3T-2G18G-60-T-SFF

TEST ITEM NO.	PARAMETERS	SPECIFIED VALUE	PASS/FAIL	QA/QC
1	Frequency Range:	2 – 18 GHz	Pass	
2	Insertion Loss:	3.2 dB Max.	Pass	
3	Isolation:	55 dB Min.	Pass	
4	VSWR:	2.0:1 Max.	Pass	
5	Switching Speed:	50 nS Max. ON/OFF	Pass	
6	Input Power:	200mW CW Max.	Pass	
7	Video Leakage:	20mV @ 350MHz BW Max.	Pass	
8	DC Supply:	+5VDC - 110 mA -12VDC - 90 mA	9mA 35mA	
9	Control Signal:	TTL "0" ➔ LOW LOSS TTL "1" ➔ ISOLATION PINS E1, E2 & E3 PULLED LOW "0"	Pass	

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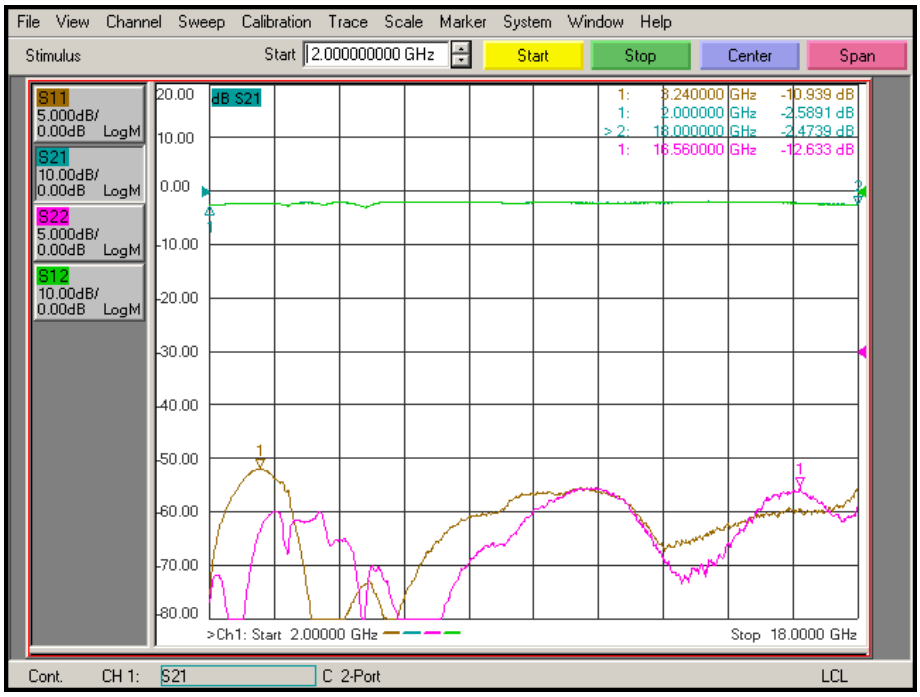
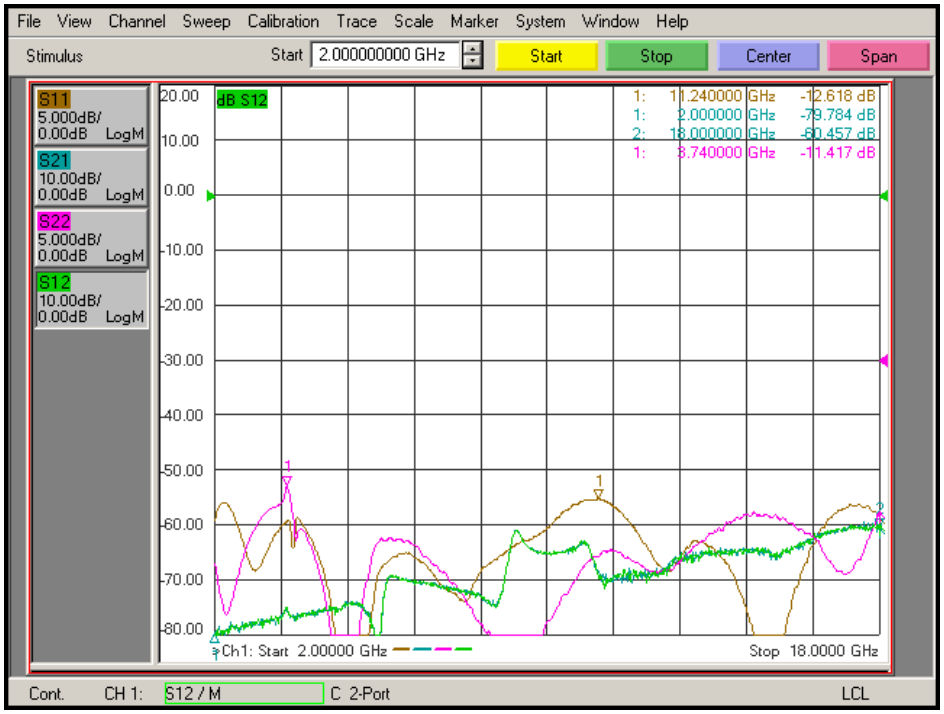
J1-J2 Typ.

Insertion Loss / VSWR



Isolation / Termination



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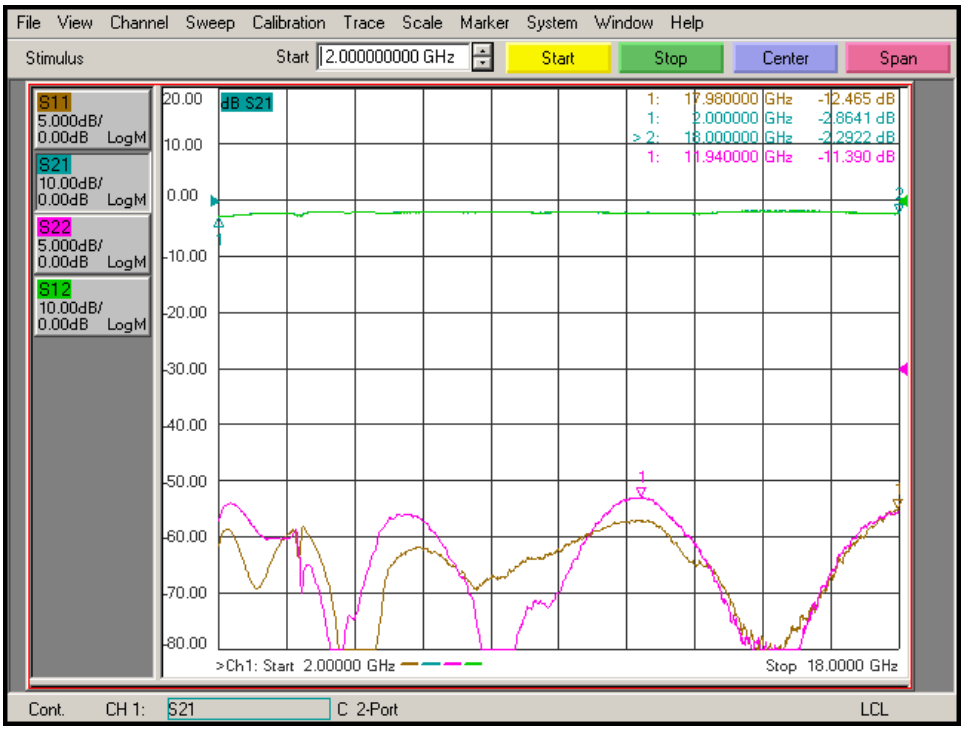
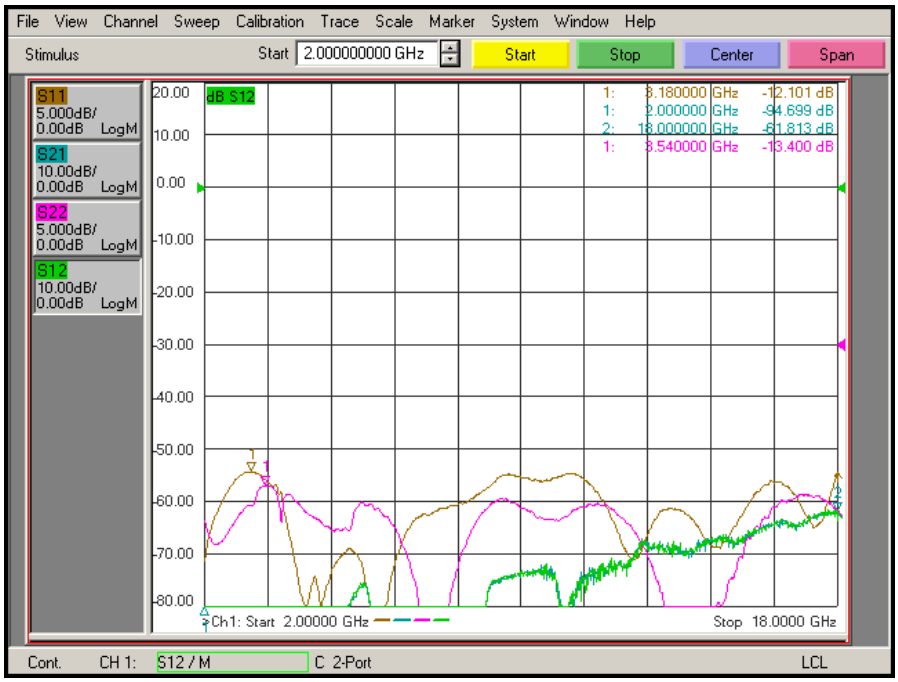
J1-J3 Typ.

Insertion Loss / VSWR



Isolation / Termination



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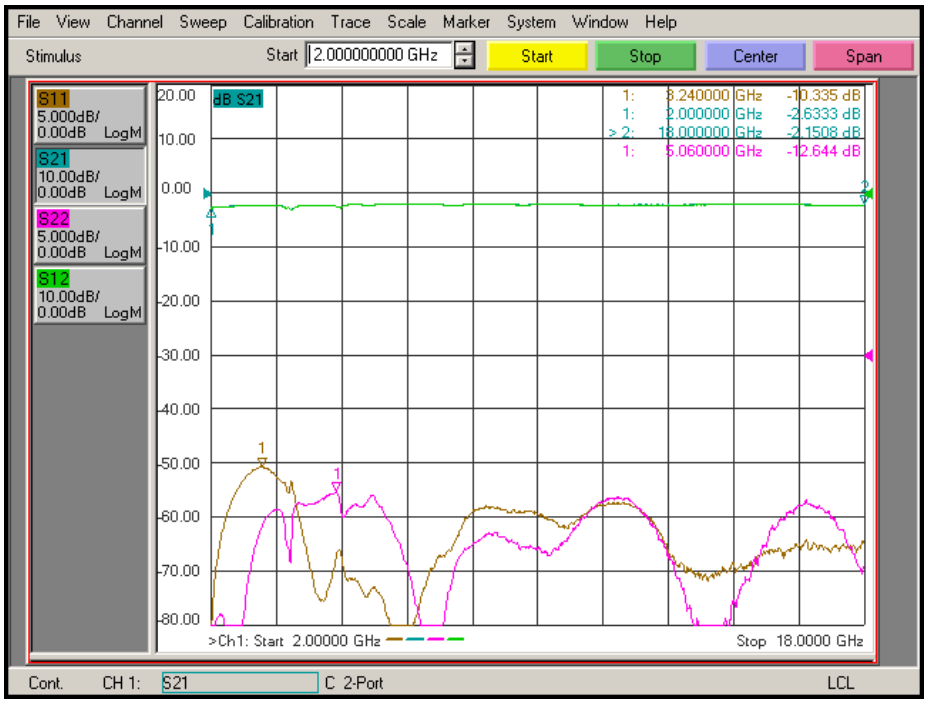
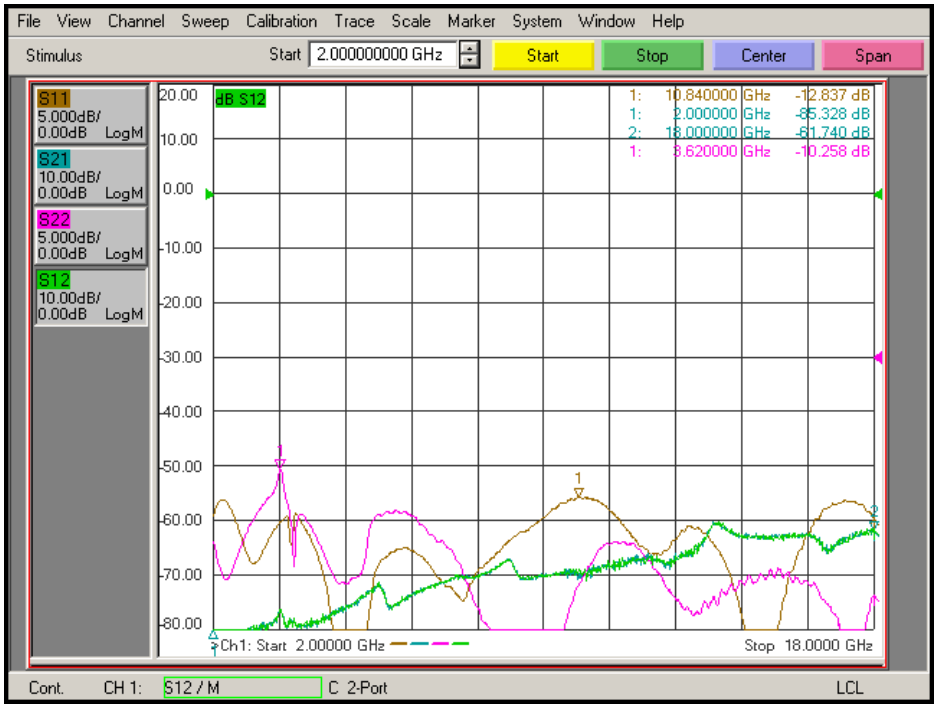
J1-J4 Typ.

Insertion Loss / VSWR



Isolation / Termination



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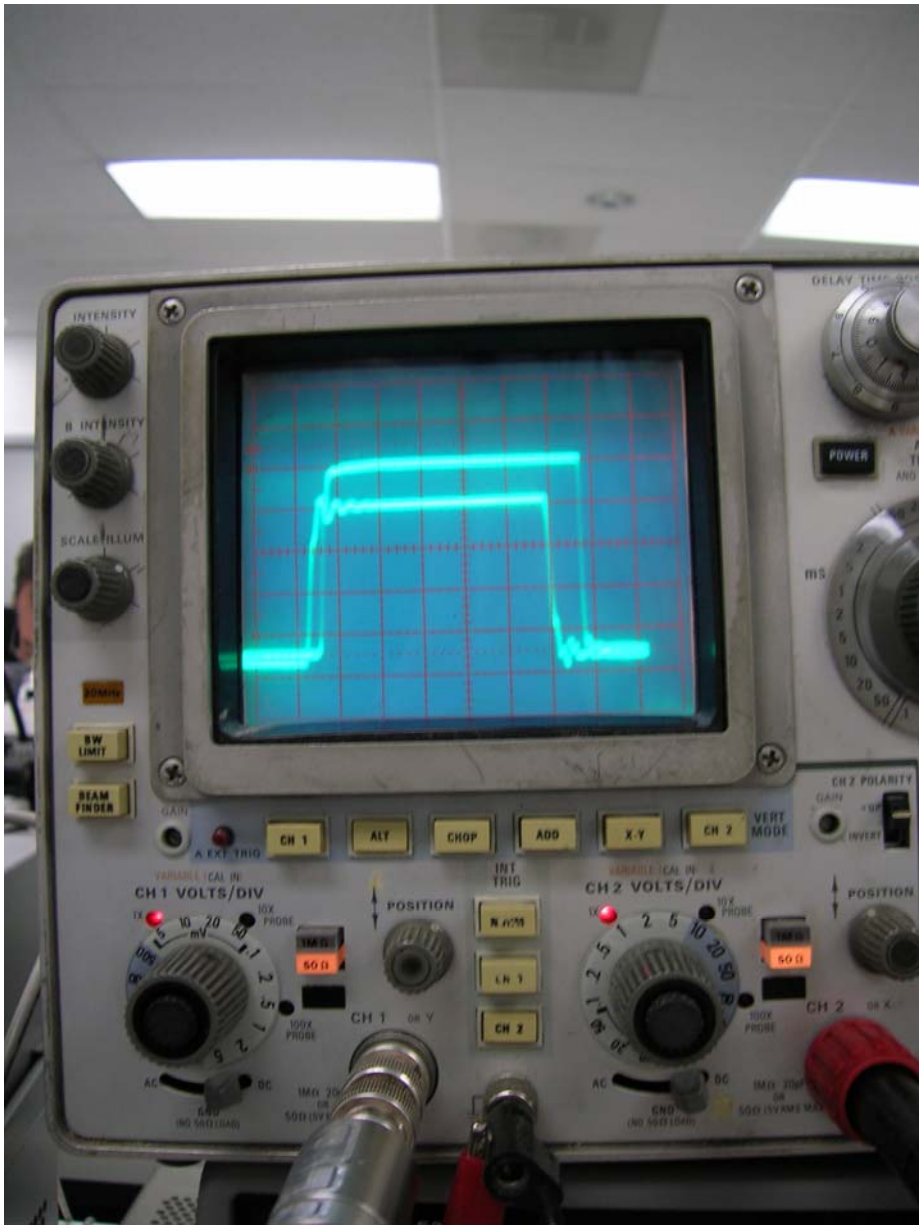
Switching Speed Typ.

50nS Scale



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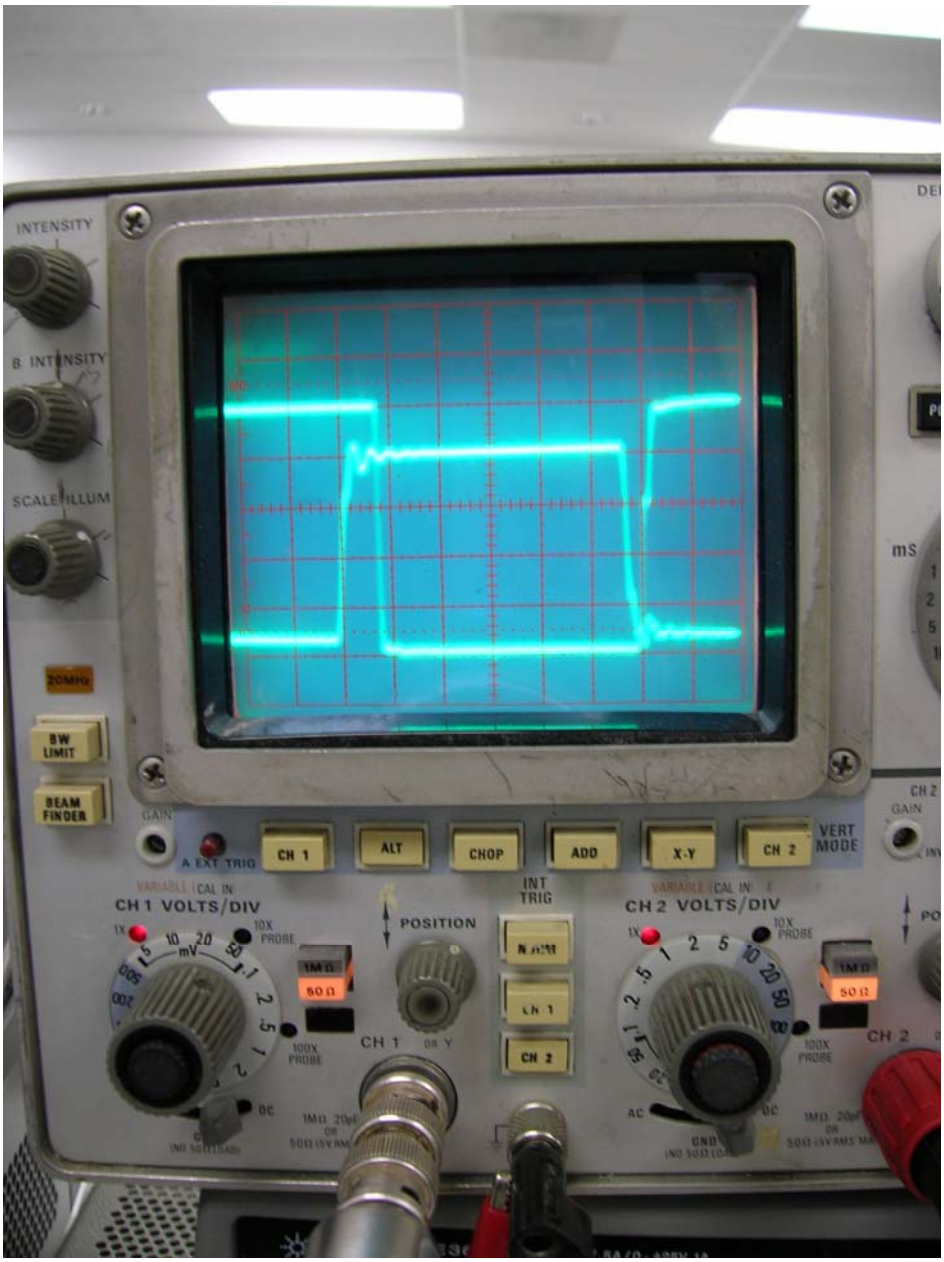
Switching Speed Typ.



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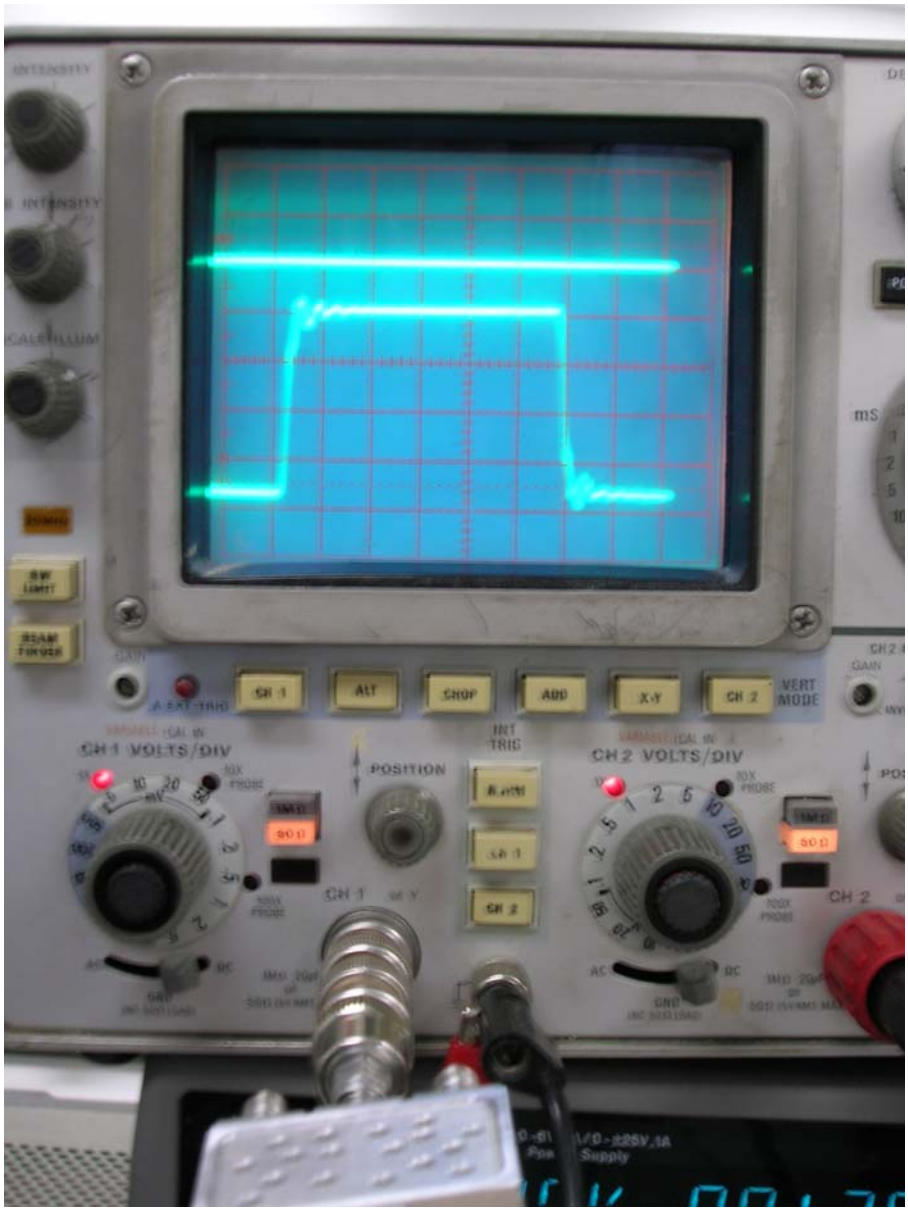
Video Transients / Video Leakage Typ.

Input / 5mV Scale



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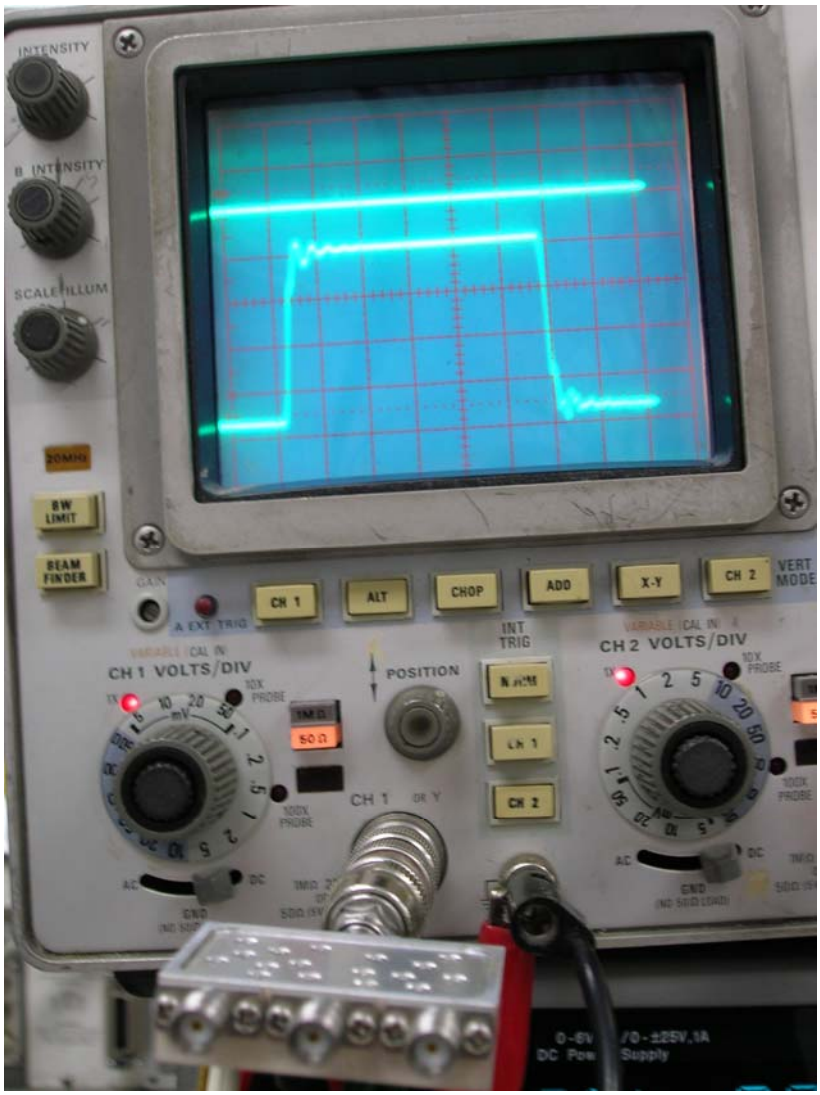
Video Transients / Video Leakage Typ.

Output / 5mV Scale



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