



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



January 24, 2011  
Tested by: Sebastian Palacio



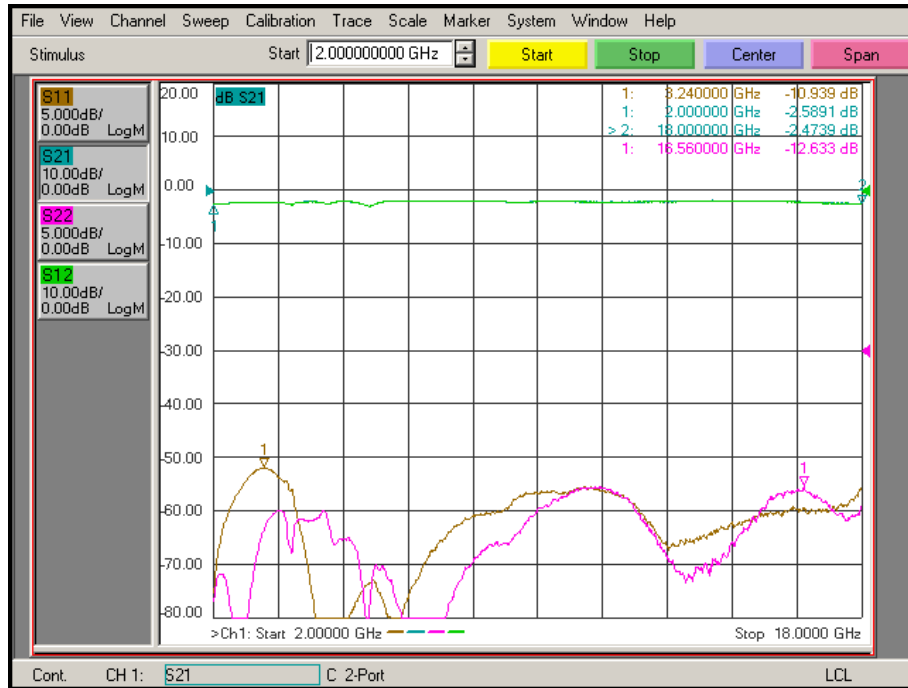
**TYPICAL TEST DATA  
ON  
P3T-2G18G-60-T-SFF**

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	

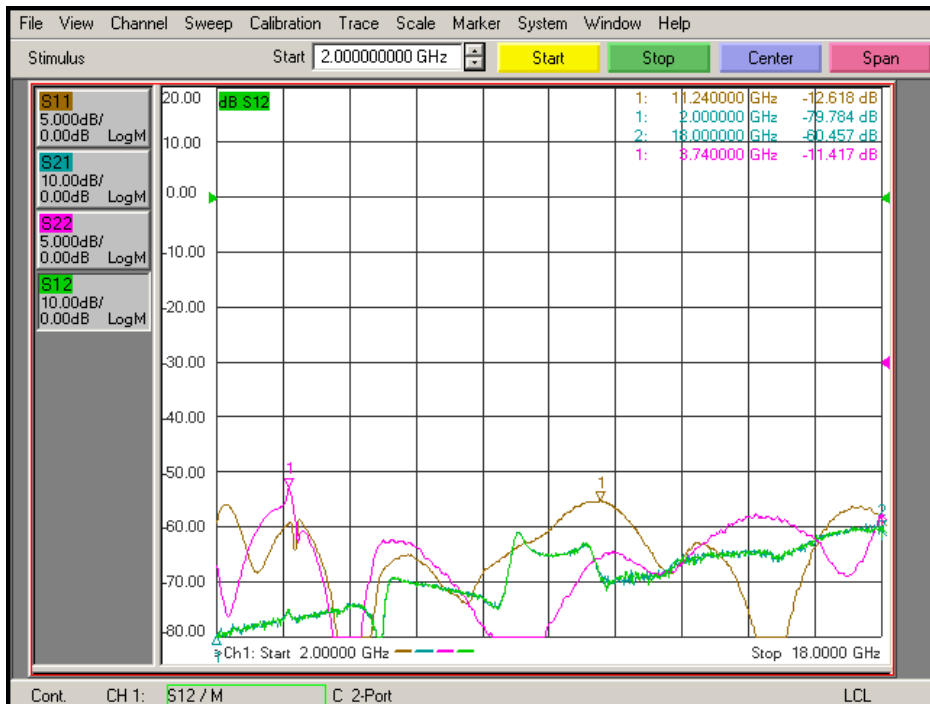


**J1-J2 Typ.**

**Insertion Loss / VSWR**



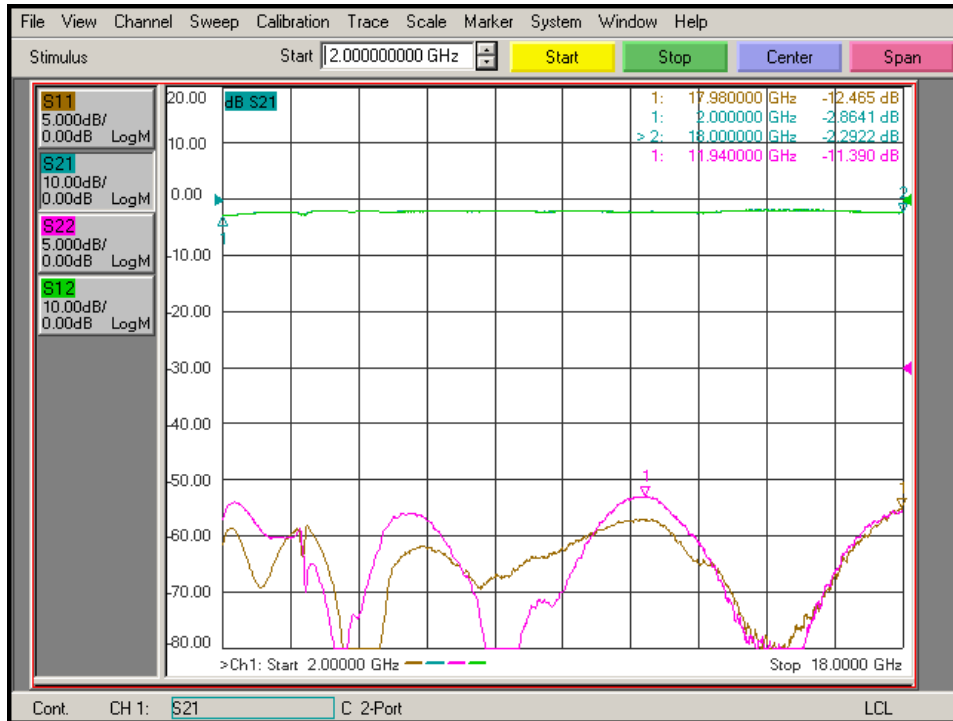
**Isolation / Termination**





**J1-J3 Typ.**

**Insertion Loss / VSWR**



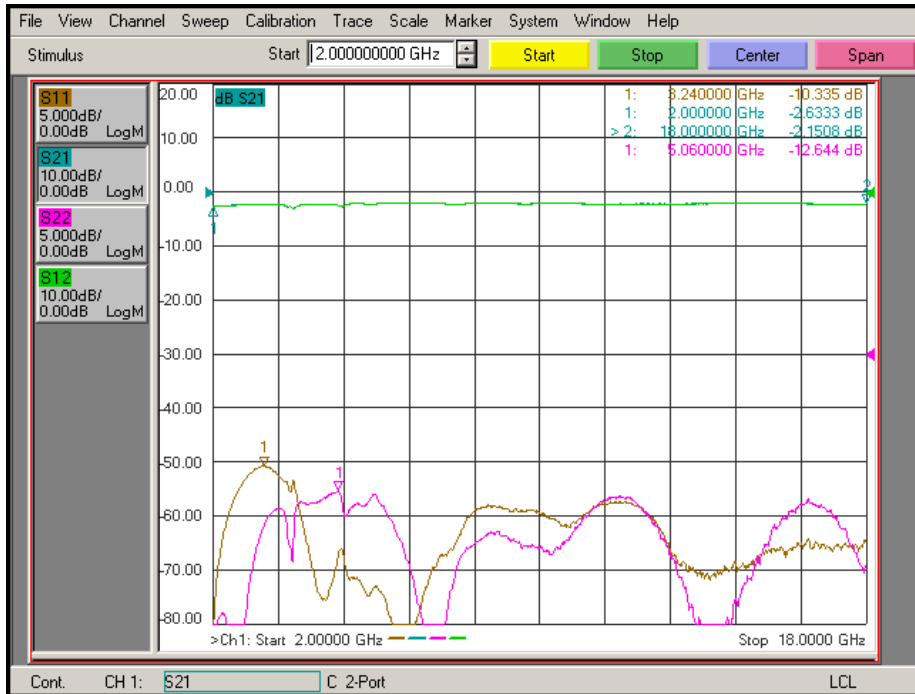
**Isolation / Termination**



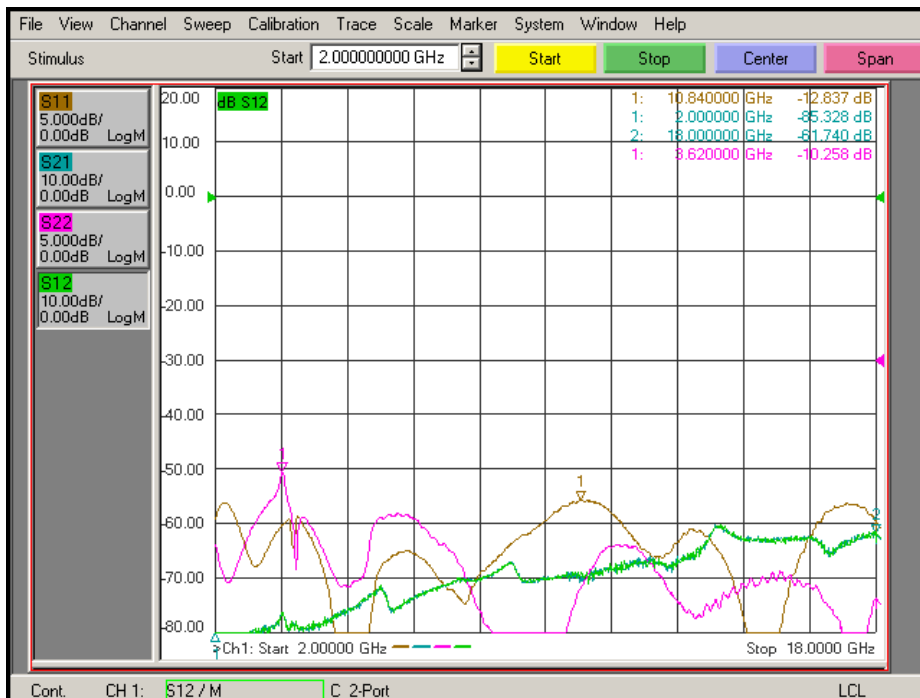


### J1-J4 Typ.

### Insertion Loss / VSWR



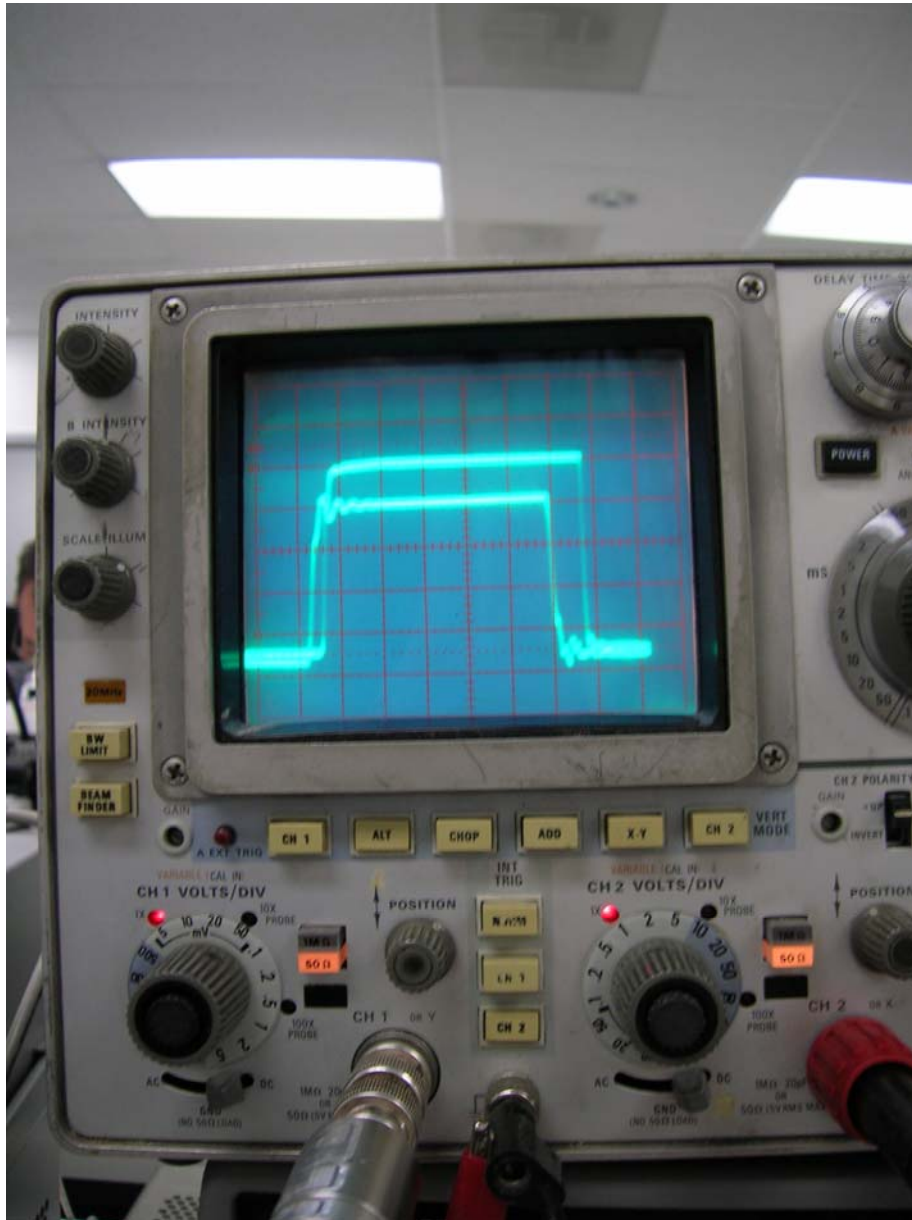
### Isolation / Termination





## Switching Speed Typ.

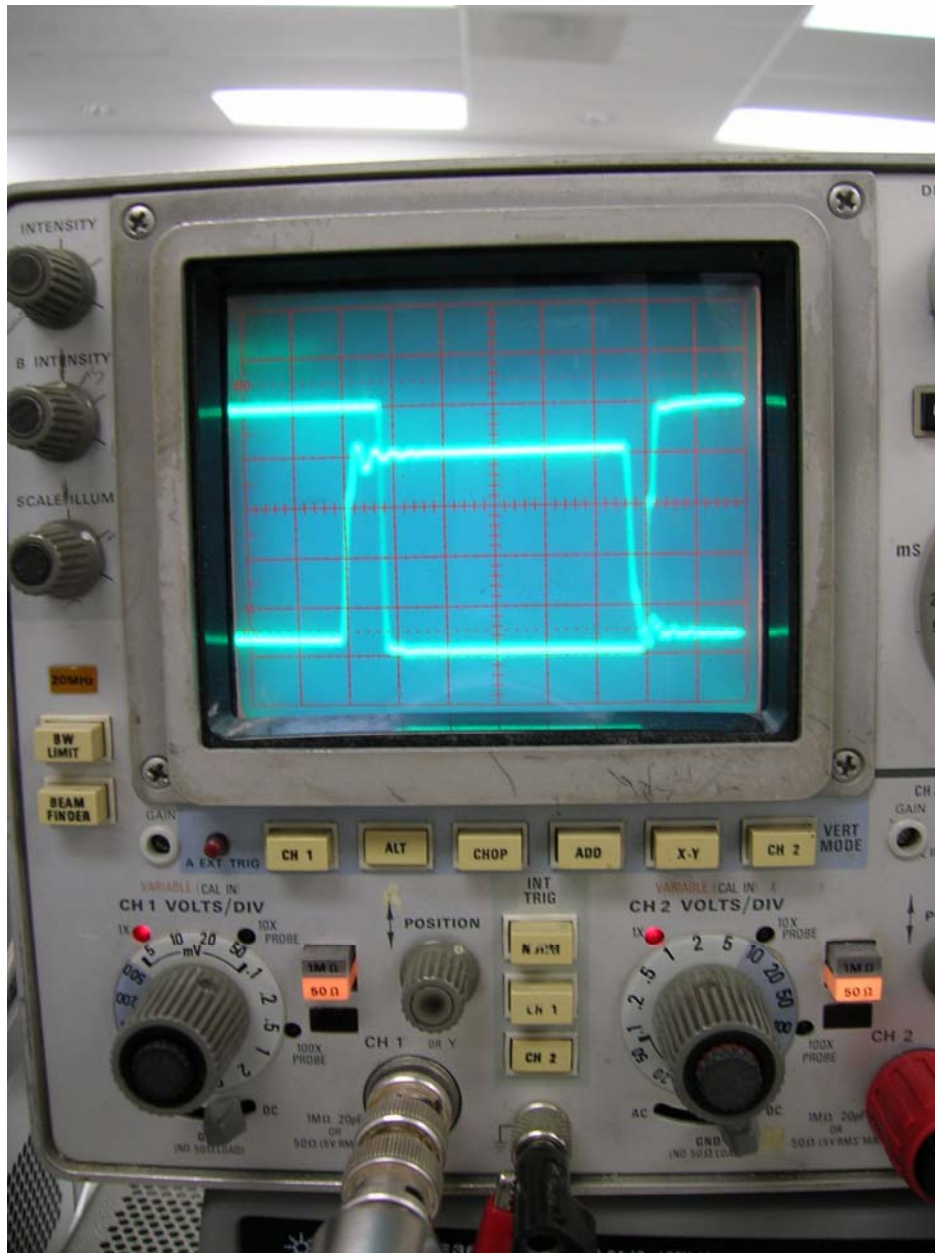
### 50nS Scale



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**Switching Speed Typ.**

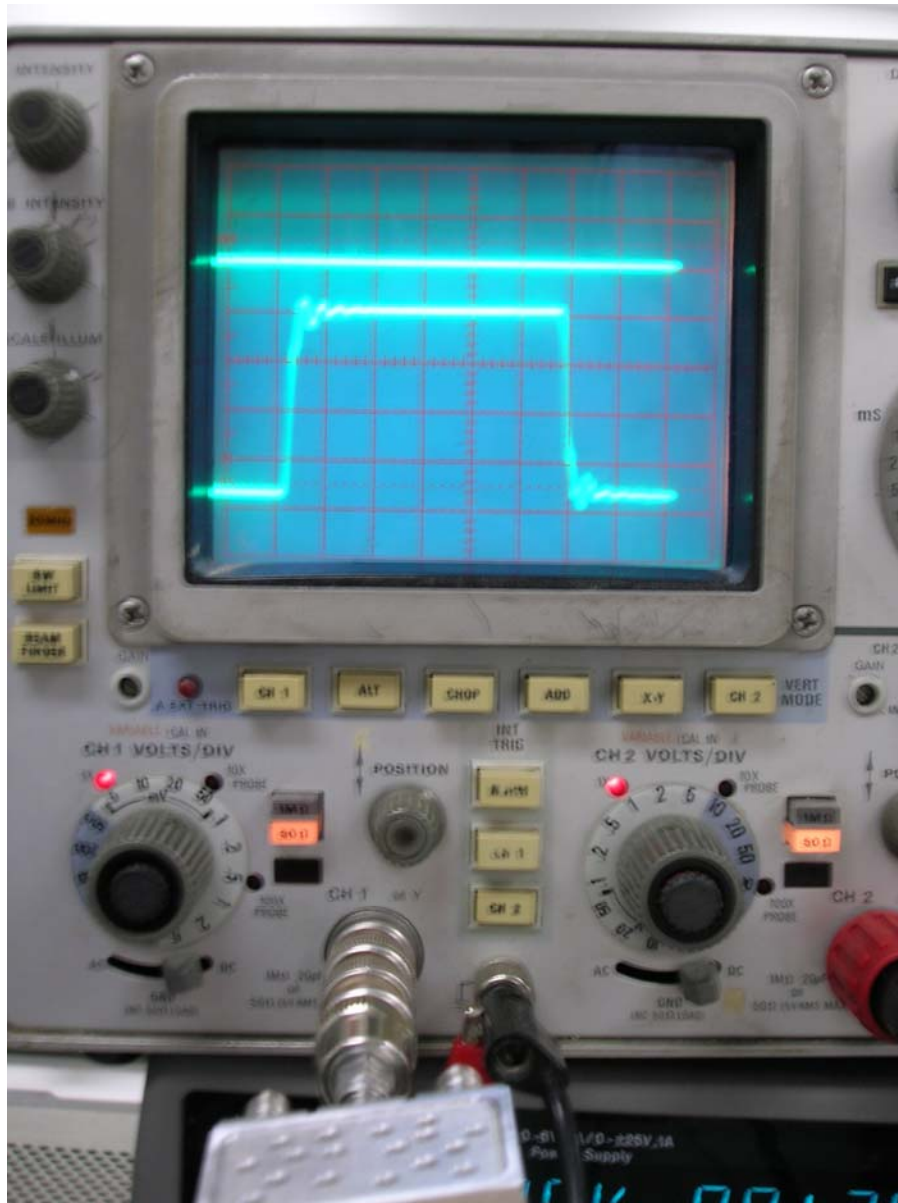


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**Video Transients / Video Leakage Typ.**

**Input / 5mV Scale**





**Video Transients / Video Leakage Typ.**

**Output / 5mV Scale**

