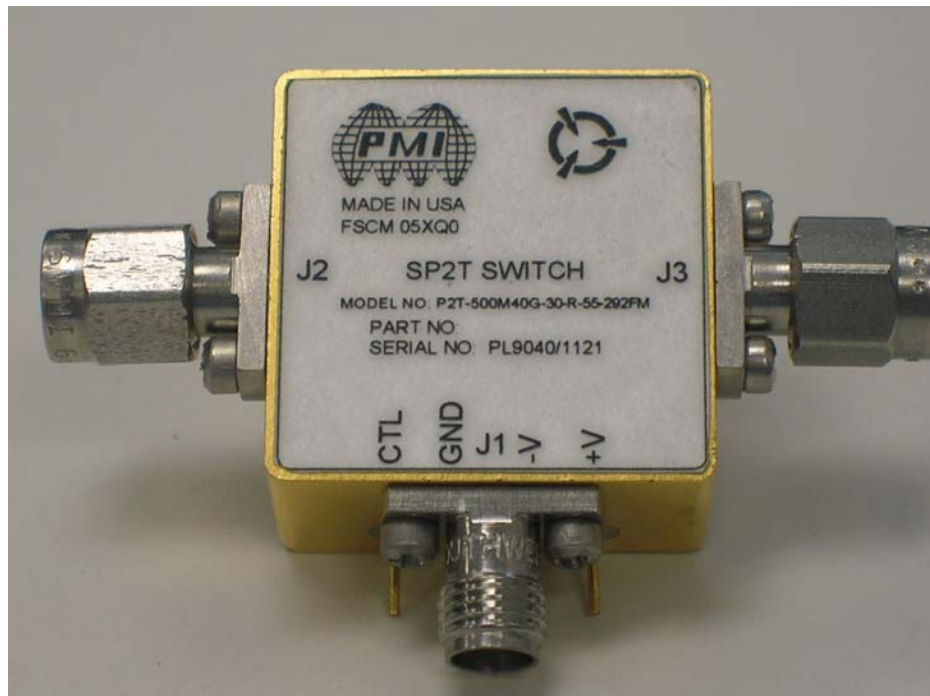




**TYPICAL CHARACTERISTICS  
ON  
P2T-500M40G-30-R-55-292FM**



**TESTED BY: HUGO GONZALES  
MAY 31, 2001**

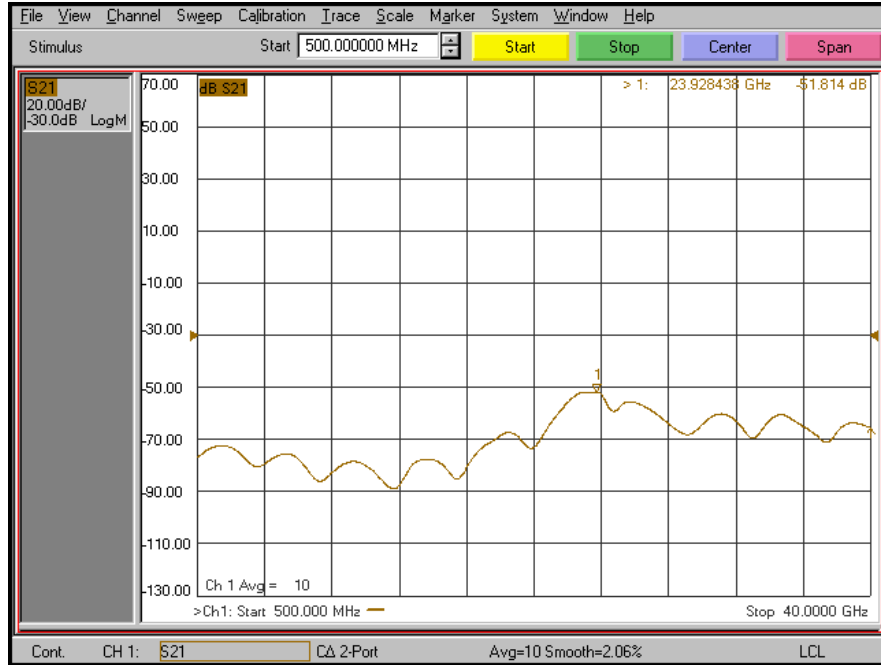


**TEST DATA  
ON  
P2T-500M40G-30-R-55-292FM**

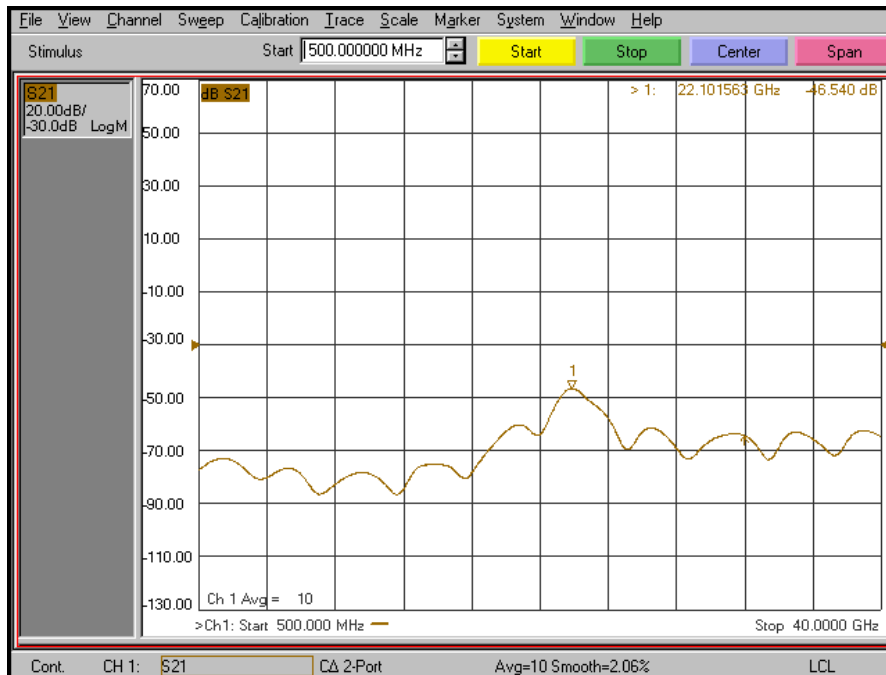
TEST ITEM NO.	PARAMETERS	SPECIFIED VALUE	PASS/FAIL	QA/QC
1	Frequency Range:	0.5 – 40 GHz	See Plot	
2	Insertion Loss:	4.0 dB Typ.	See Plot	
3	Isolation:	30 dB Typ.	See Plot	
4	VSWR : In/Out	2.5:1 Max. 2.0:1 Typ.	See Plot	
5	Switching Speed:	Delay : 50 nS Max. Rise/Fall : 15 nS Max.	See Plot	
6	DC Supply:	+5VDC - 200 mA -5VDC - 100 mA	22mA 15mA	
7	Control Signal:	TTL "0" → (J1-J2) TTL "1" → (J1-J3)	Pass	



## Isolation (J2)

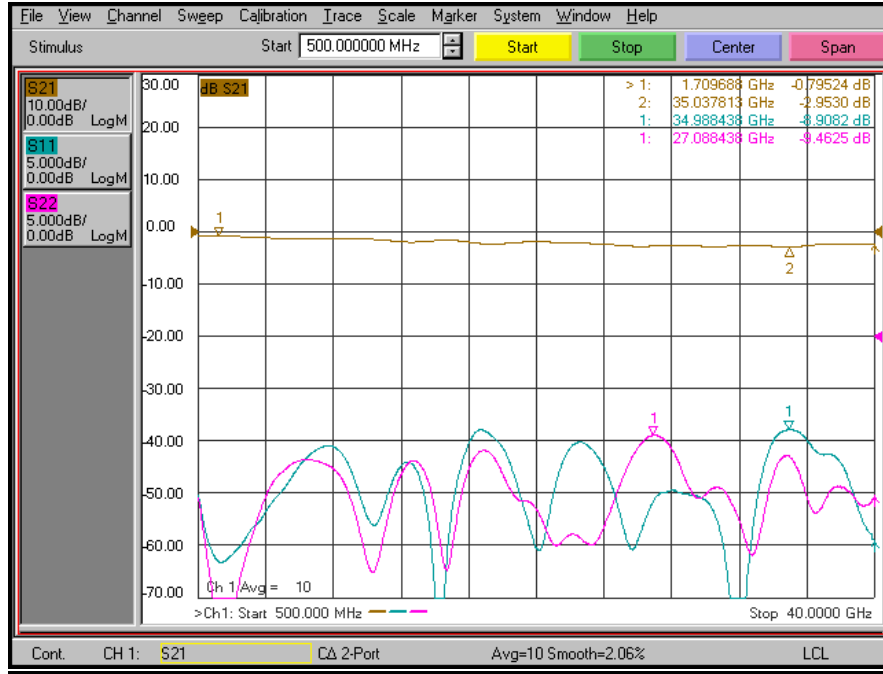


## Isolation (J3)

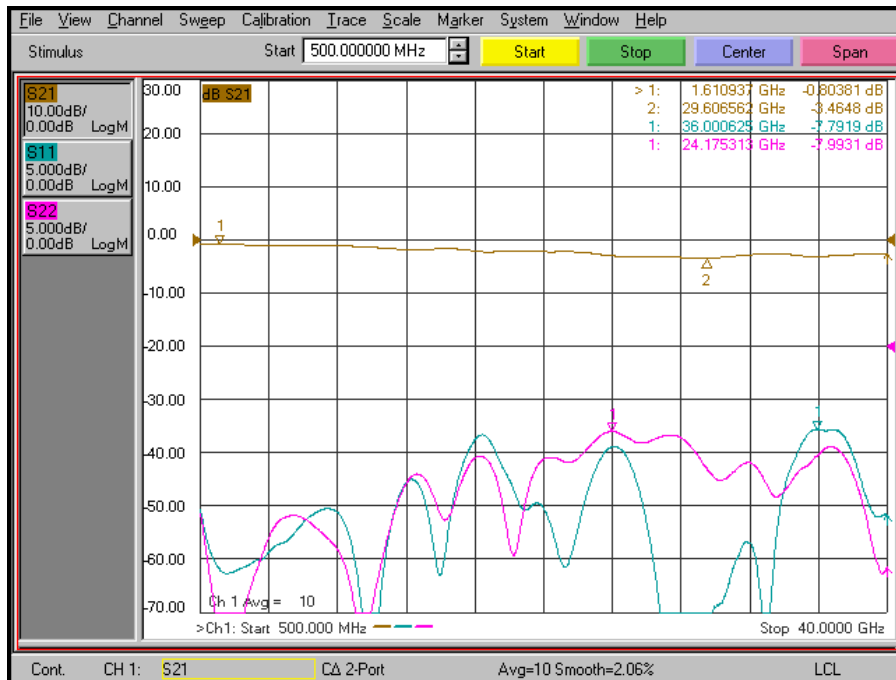




### Insertion Loss and Return Loss (J1 – J2)



### Insertion Loss and Return Loss (J1 – J3)



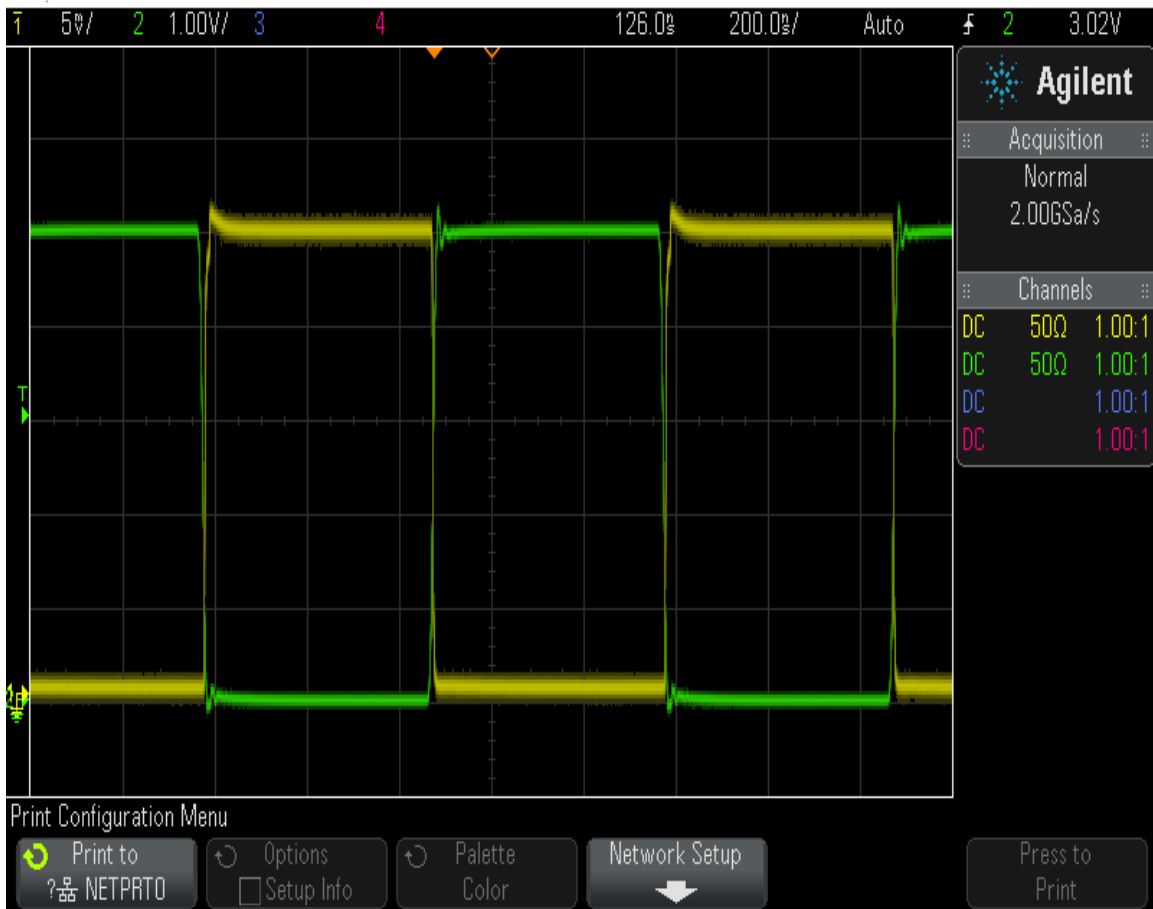


## Switching Speed

### Full pulse



Wed Jun 01 01:43:38 2011



**Channel 1 (Yellow):** RF Output

**Channel 2 (Green):** TTL Input from Signal Generator

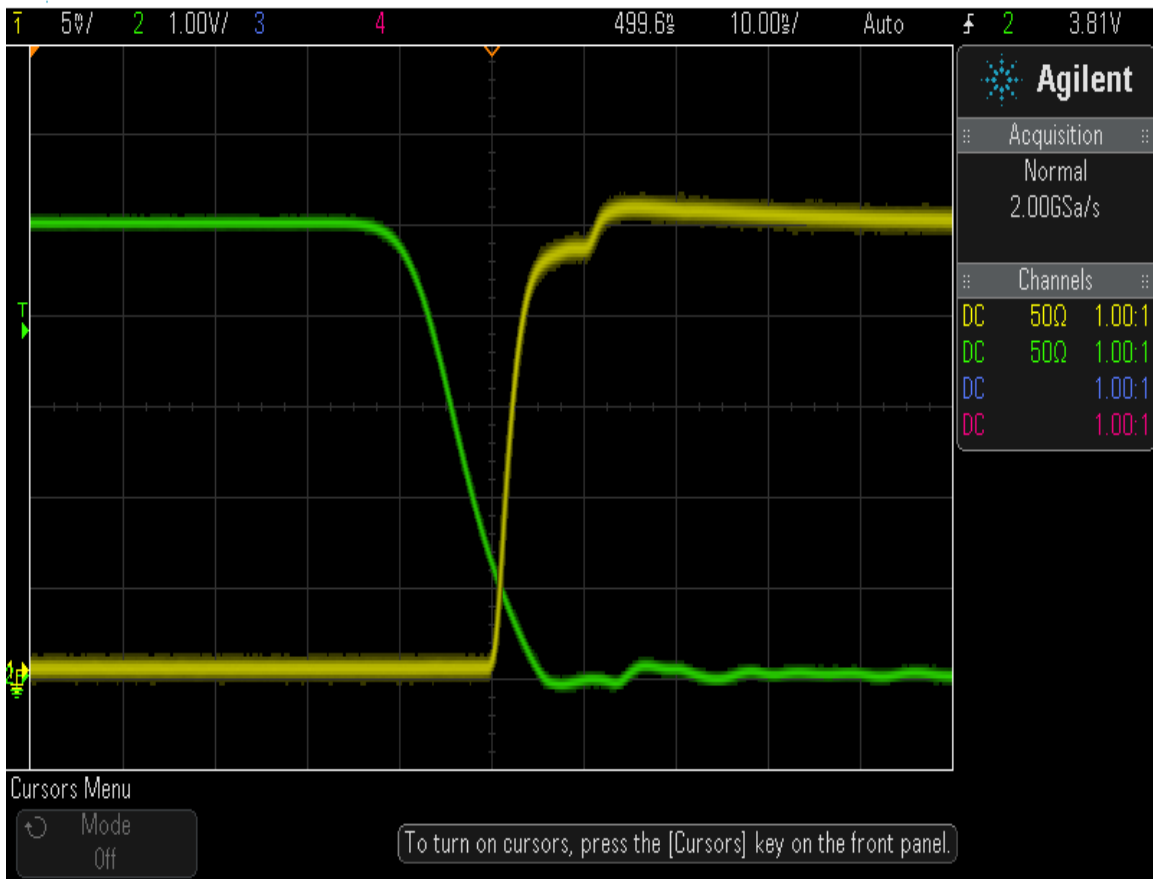


## Switching Speed

### ON Delay



Wed Jun 01 02:11:02 2011



**Channel 1 (Yellow):** RF Output

**Channel 2 (Green):** TTL Input from Signal Generator

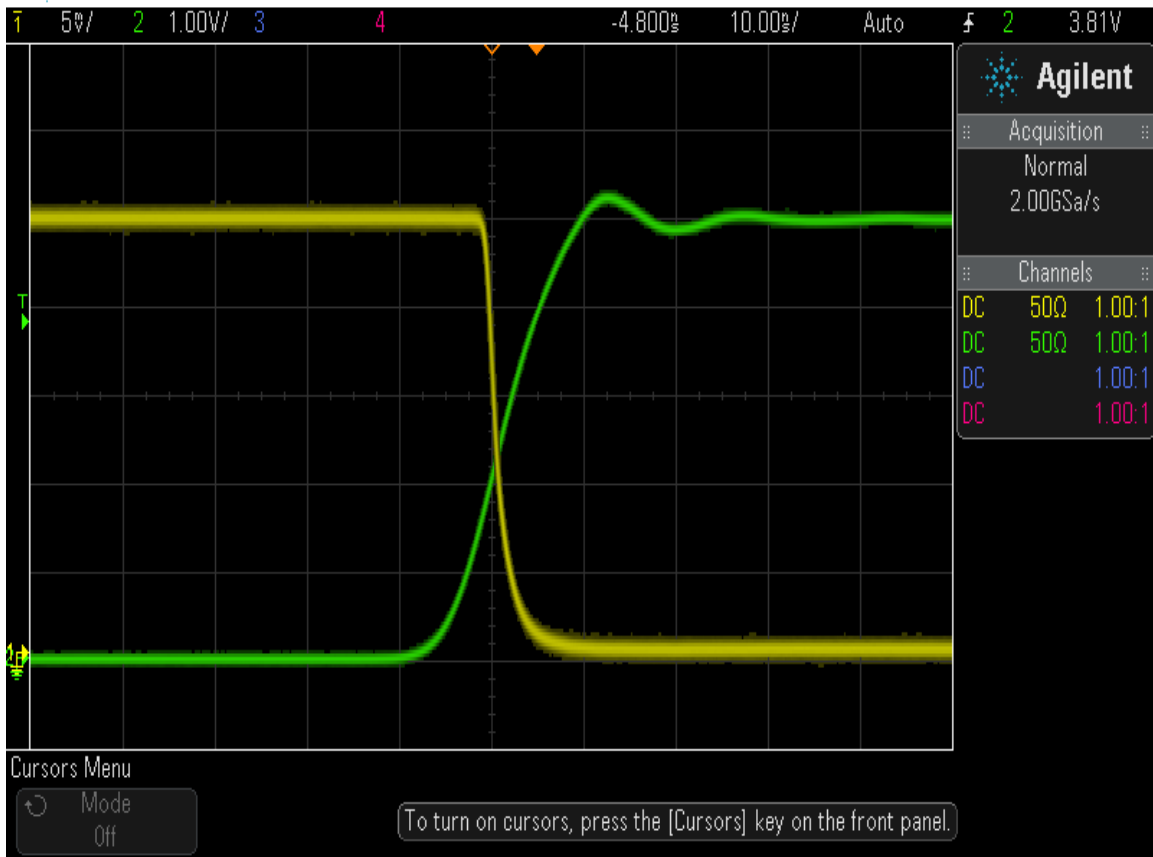


## Switching Speed

### OFF Delay



Wed Jun 01 01:58:09 2011



**Channel 1 (Yellow):** RF Output

**Channel 2 (Green):** TTL Input from Signal Generator