



**TYPICAL CHARACTERISTICS
ON
P2T-0R75G18G-80-R-512-SFF**



**Tested By: Sebastian Palacio
April 29, 2011**



**TEST DATA
ON
P2T-0R75G18G-80-R-512-SFF**

TEST ITEM NO.	PARAMETERS	SPECIFIED VALUE	PASS/FAIL	QA/QC
1	Frequency Range:	0.75 – 18 GHz	Pass See Plot	
2	Insertion Loss:	3.0dB Typ.	See Plot 2.9dB	
3	Isolation:	80dB Min.	See Plot 88dB	
4	VSWR : In/Out	2.0:1 Typ.	Pass See Plot	
5	Switching Speed:	25 nS Max.	Pass See Typical Characteristics	
6	DC Supply:	+5VDC - TBD mA -12VDC - TBD mA	35mA 24mA	
7	Control Signal:	TTL "0" → (J1-J2) TTL "1" → (J1-J3)	Pass	

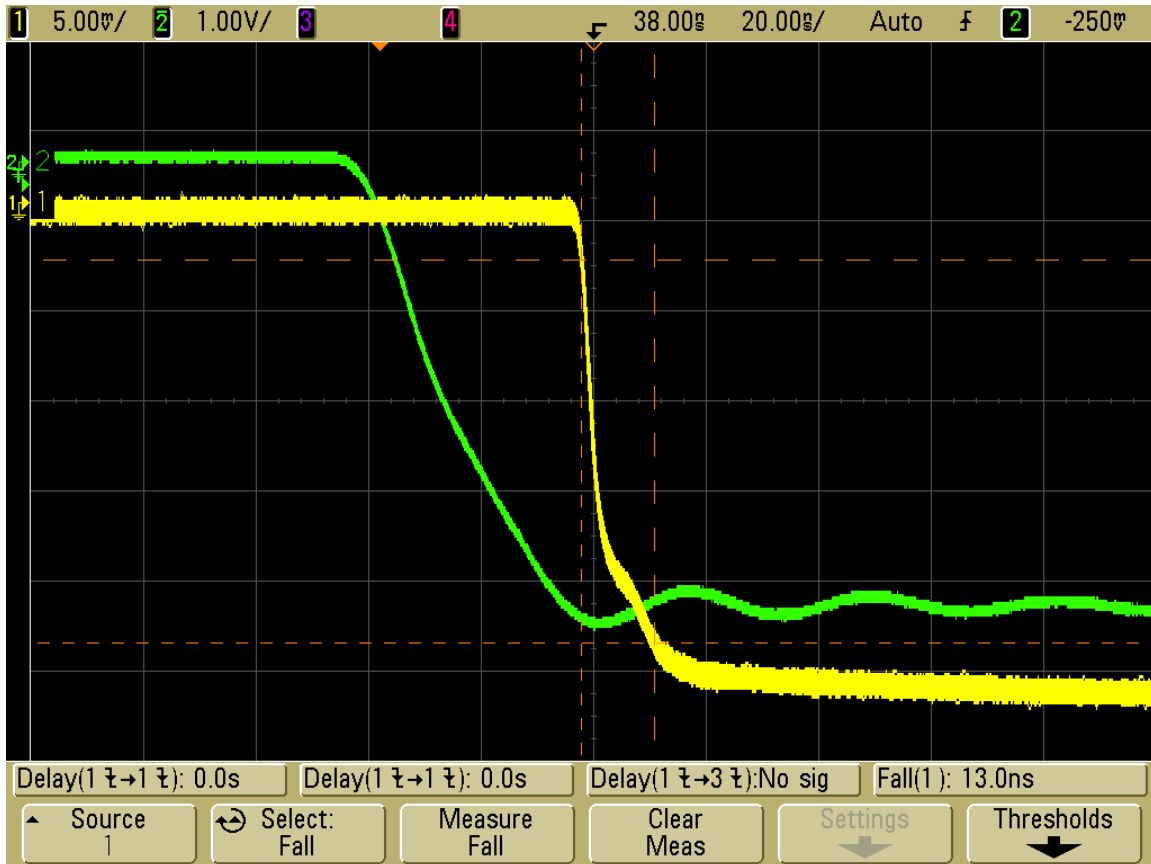
Production Manager Approval: _____ Date: _____

QA/QC Approval: _____ Date: _____



Switching Speed

Rise Time



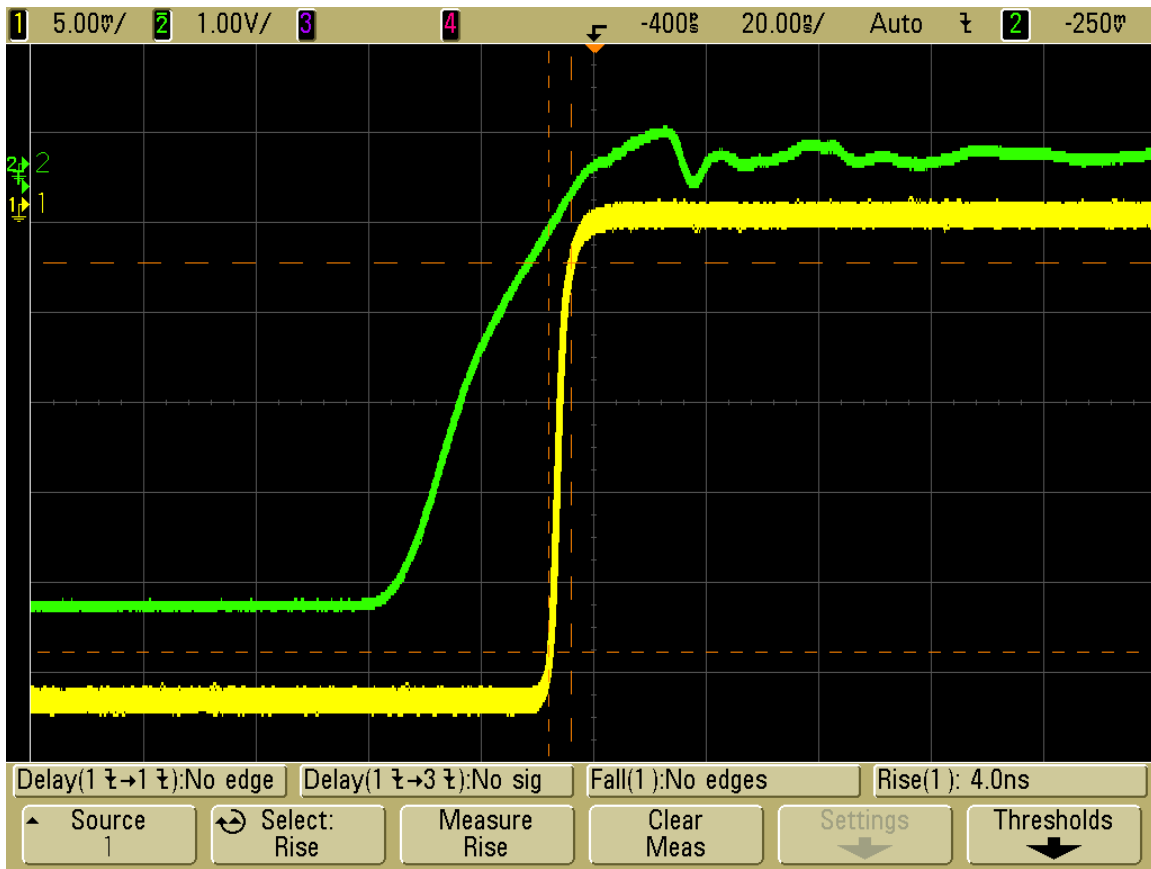
Channel 1 (Yellow): Output through crystal detector (negative voltage output when RF power is present)

Channel 2 (Green): TTL Input from Signal Generator



Switching Speed

Fall Time



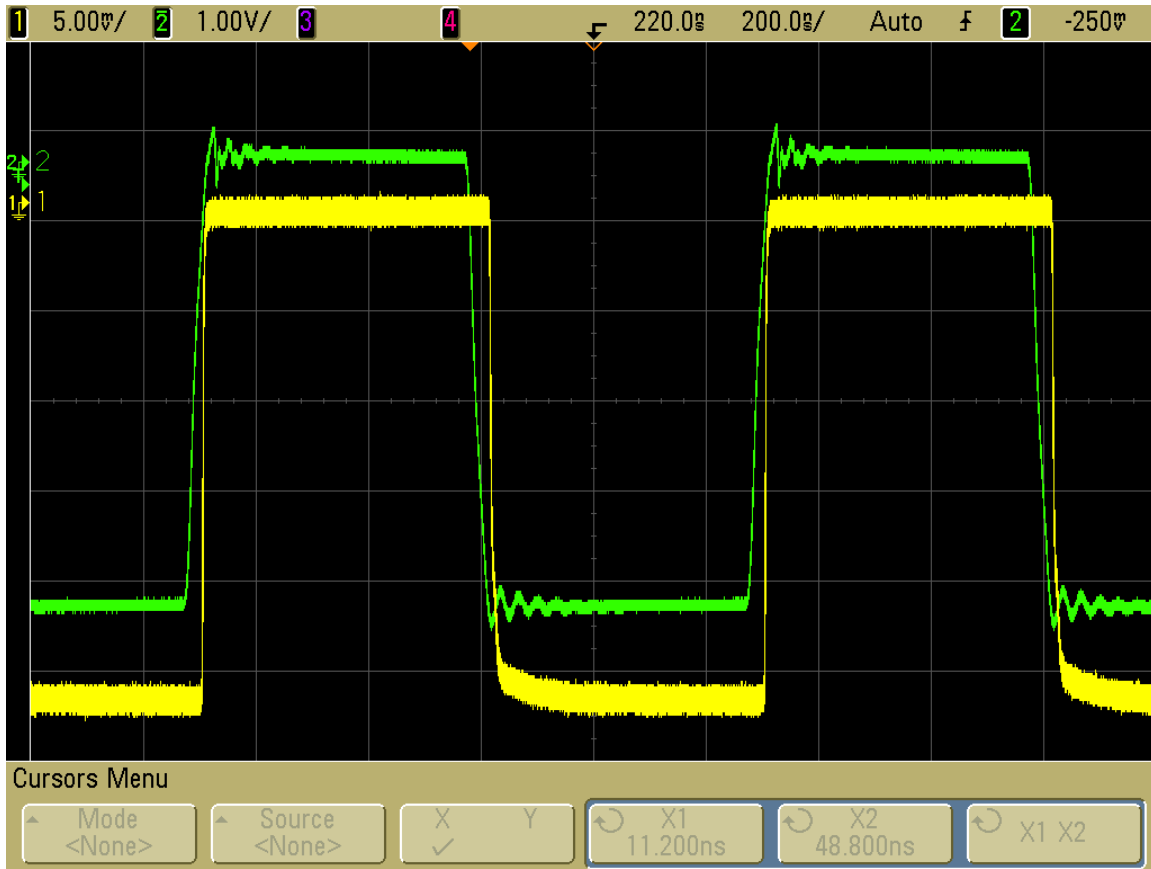
Channel 1 (Yellow): Output through crystal detector (negative voltage output when RF power is present)

Channel 2 (Green): TTL Input from Signal Generator



Switching Speed

Full Pulse

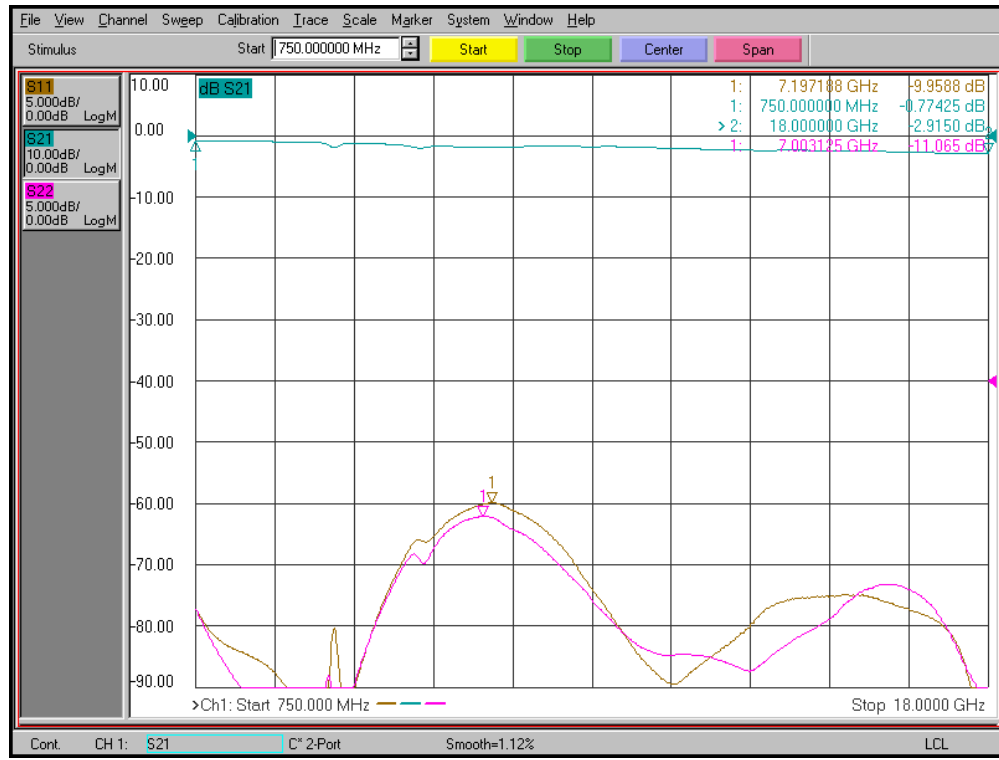


Channel 1 (Yellow): Output through crystal detector (negative voltage output when RF power is present)

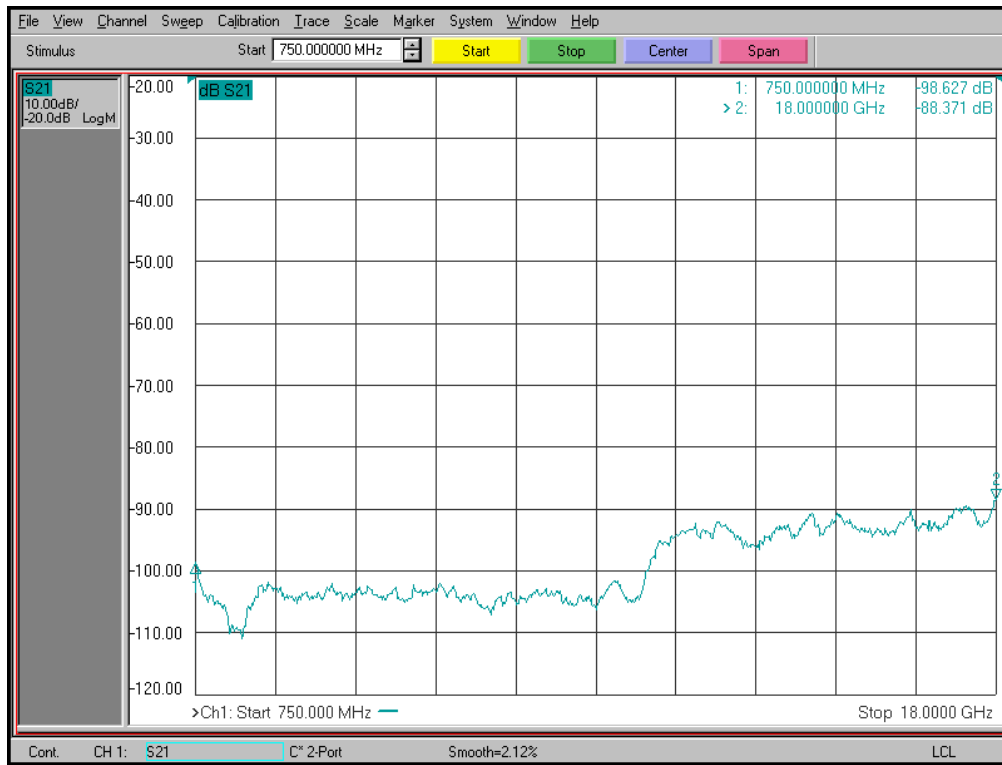
Channel 2 (Green): TTL Input from Signal Generator



J1-J2 INSERTION LOSS & VSWR

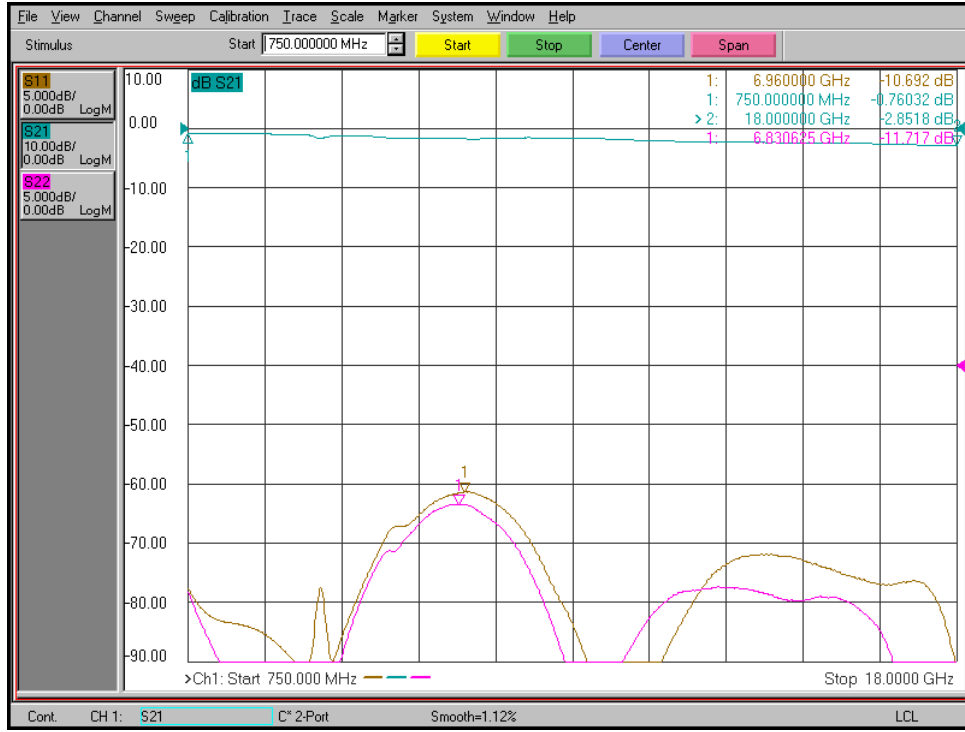


J1-J2 ISOLATION





J1-J3 INSERTION LOSS & VSWR



J1-J3 ISOLATION

