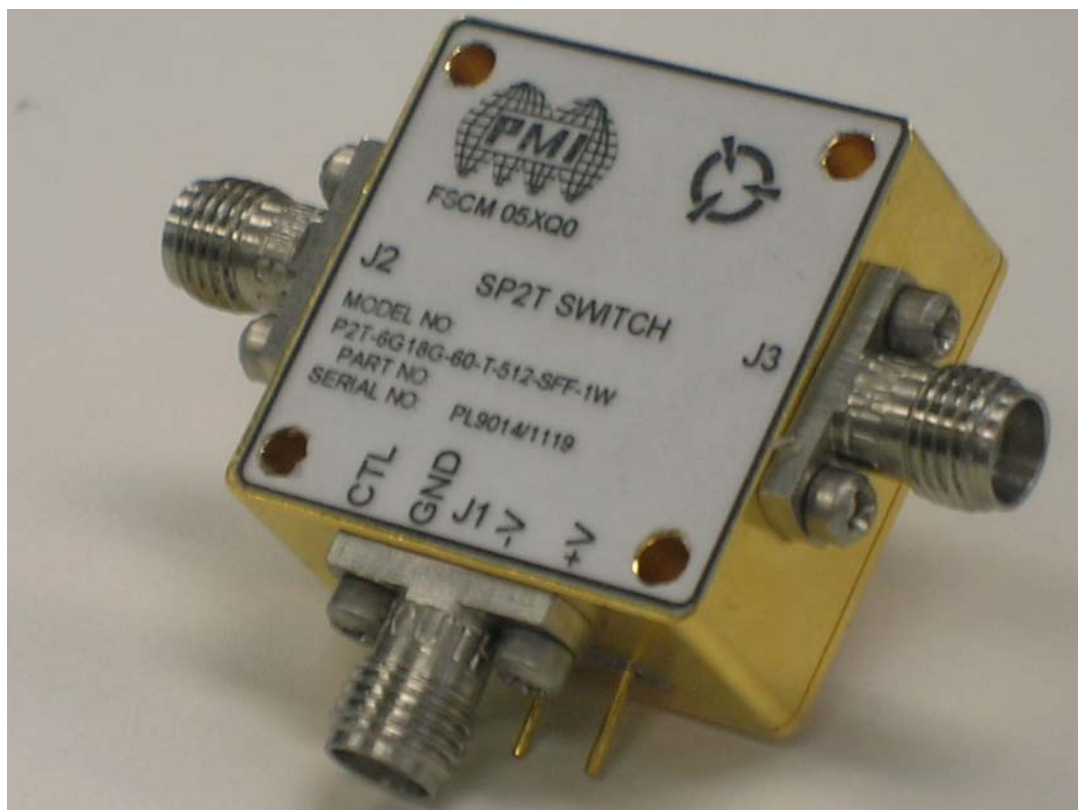




**TYPICAL CHARACTERISTICS
ON
P2T-6G18G-60-T-512-SFF-1W**



**TESTED BY: HUGO GONZALES
MAY, 11 2011**



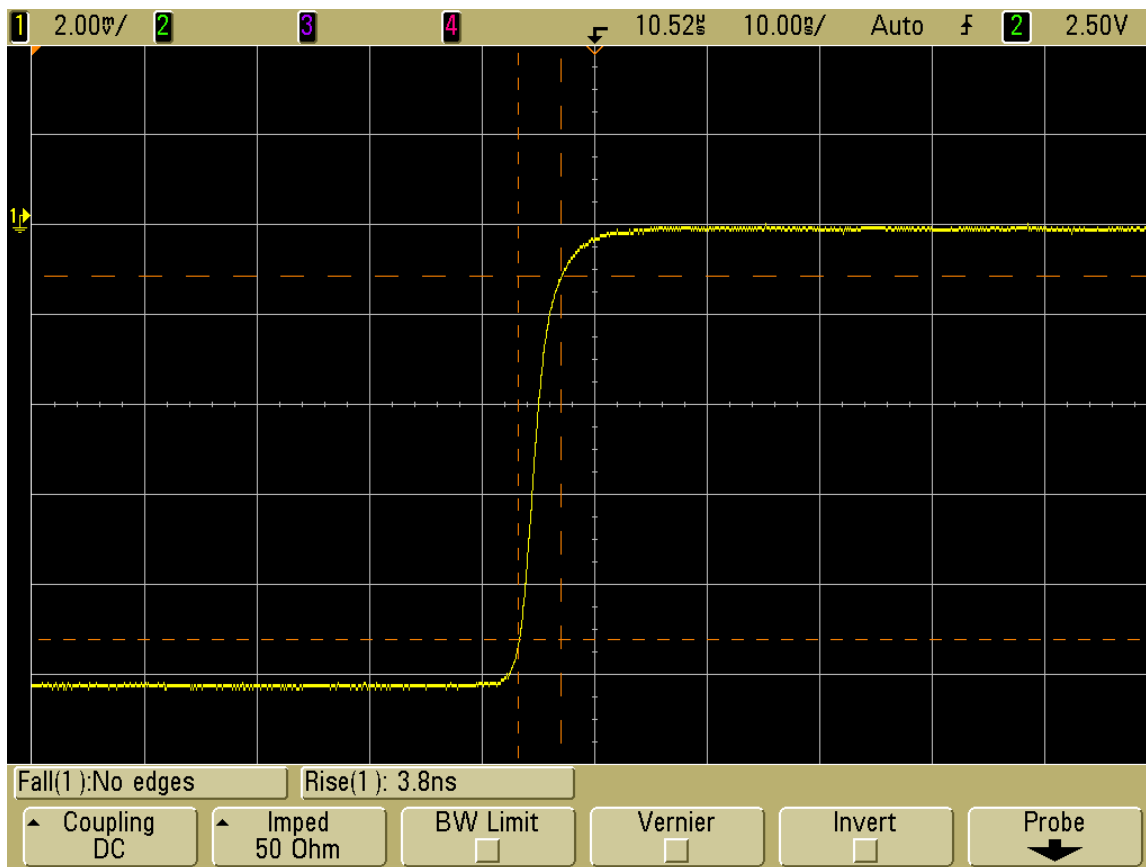
TEST DATA
ON
P2T-6G18G-60-T-512-SFF-1W

TEST. ITEM NO	PARAMETERS	SPECIFIED VALUE	PASS FAIL	QA QC
1	Frequency Range:	6 GHz – 18 GHz	6 GHz – 18 GHz	
2	Insertion Loss:	3.5 dB Typical	3.26dB (See Plot)	
3	Isolation:	60 dB Minimum	80dB (See Plot)	
4	VSWR:	2.0:1 Maximum	2.0:1 (See Plot)	
5	Switching Speed:	ON/OFF – 100nsec Typical	See Typical Characteristics	
6	Power Input: (Operating)	+30 dBm CW Maximum HOT SWITCHING	Pass By Design	
7	DC Supply:	+5V @ 90mA Nominal -12V @ 90mA Nominal	55mA 40mA	
8	Control Signal:	TTL “0” → (J1-J2) TTL “1” → (J1-J3)	Pass	



Switching Speed TYP.

Fall

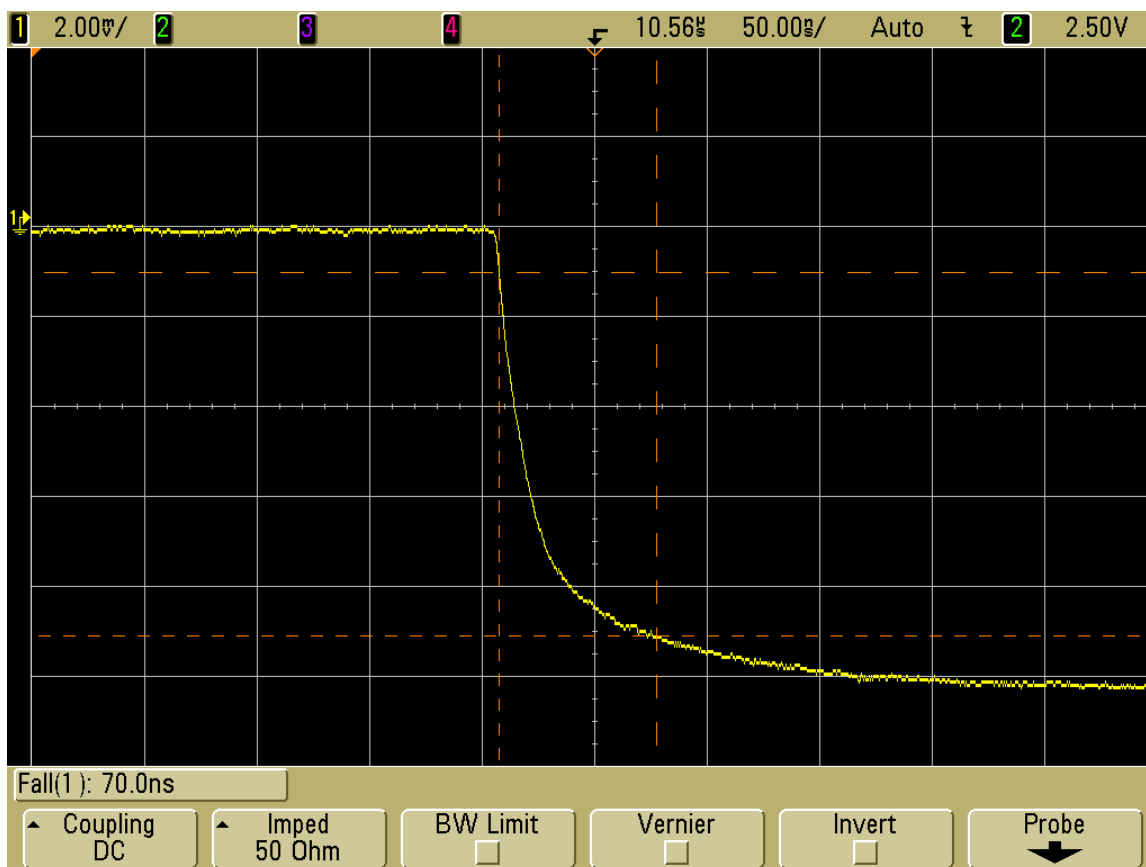


Channel 1 (Yellow): Output through crystal detector (negative voltage output when RF power is present)



Switching Speed TYP.

Rise

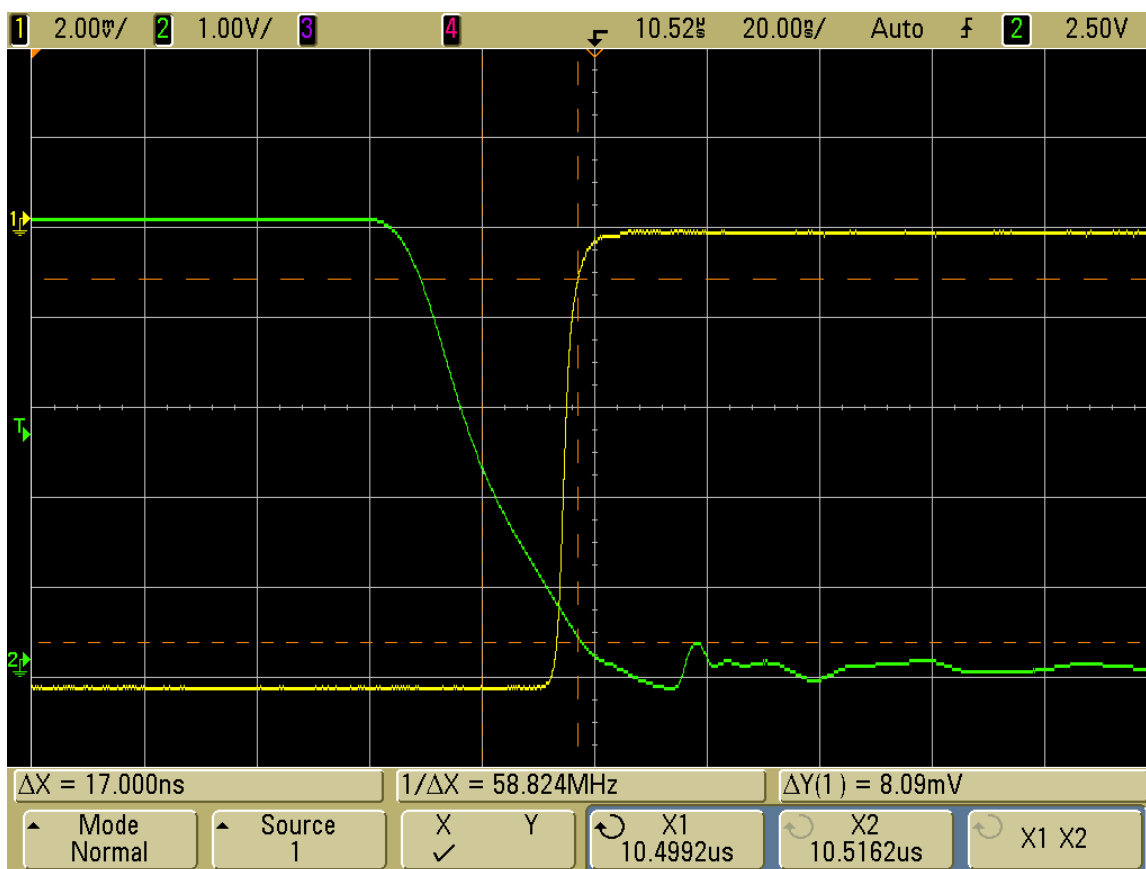


Channel 1 (Yellow): Output through crystal detector (negative voltage output when RF power is present)



Switching Speed TYP.

Delay OFF



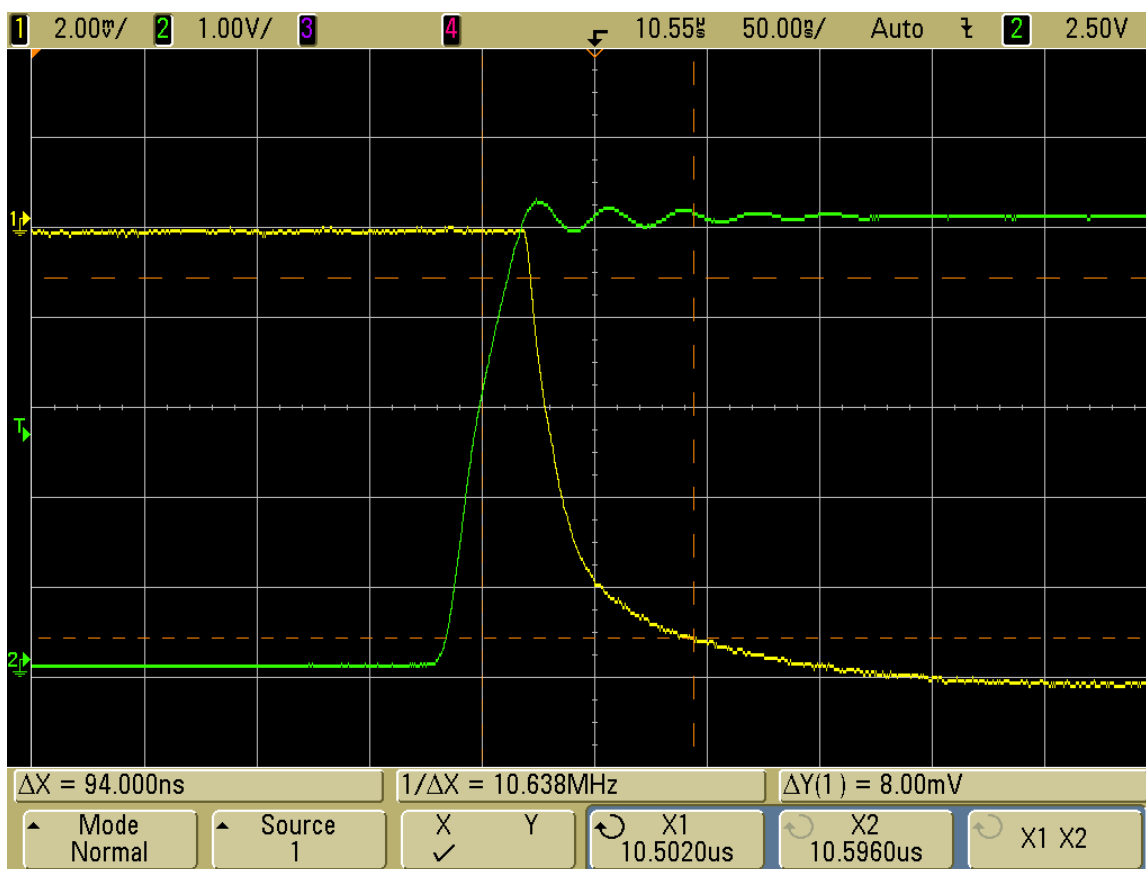
Channel 1 (Yellow): Output through crystal detector (negative voltage output when RF power is present)

Channel 2 (Green): TTL Input from Signal Generator



Switching Speed TYP.

Delay ON

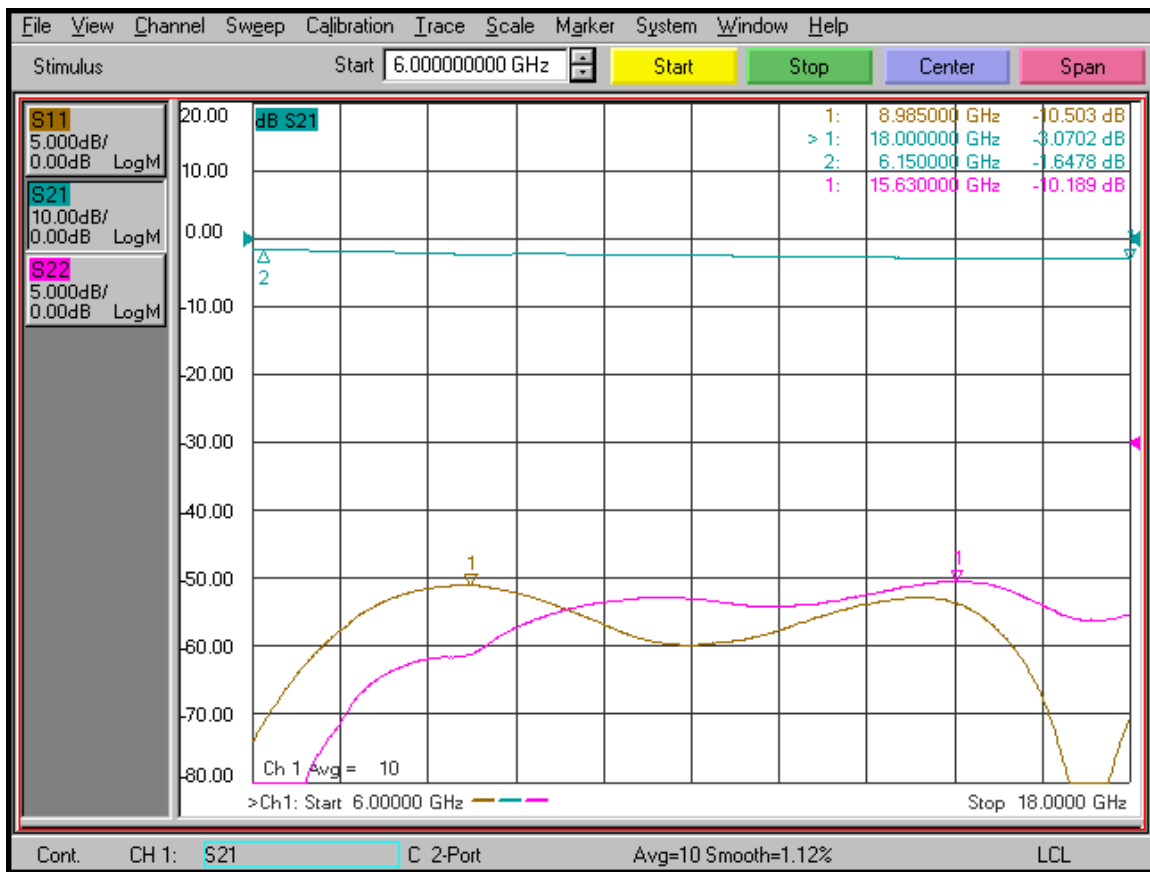


Channel 1 (Yellow): Output through crystal detector (negative voltage output when RF power is present)

Channel 2 (Green): TTL Input from Signal Generator

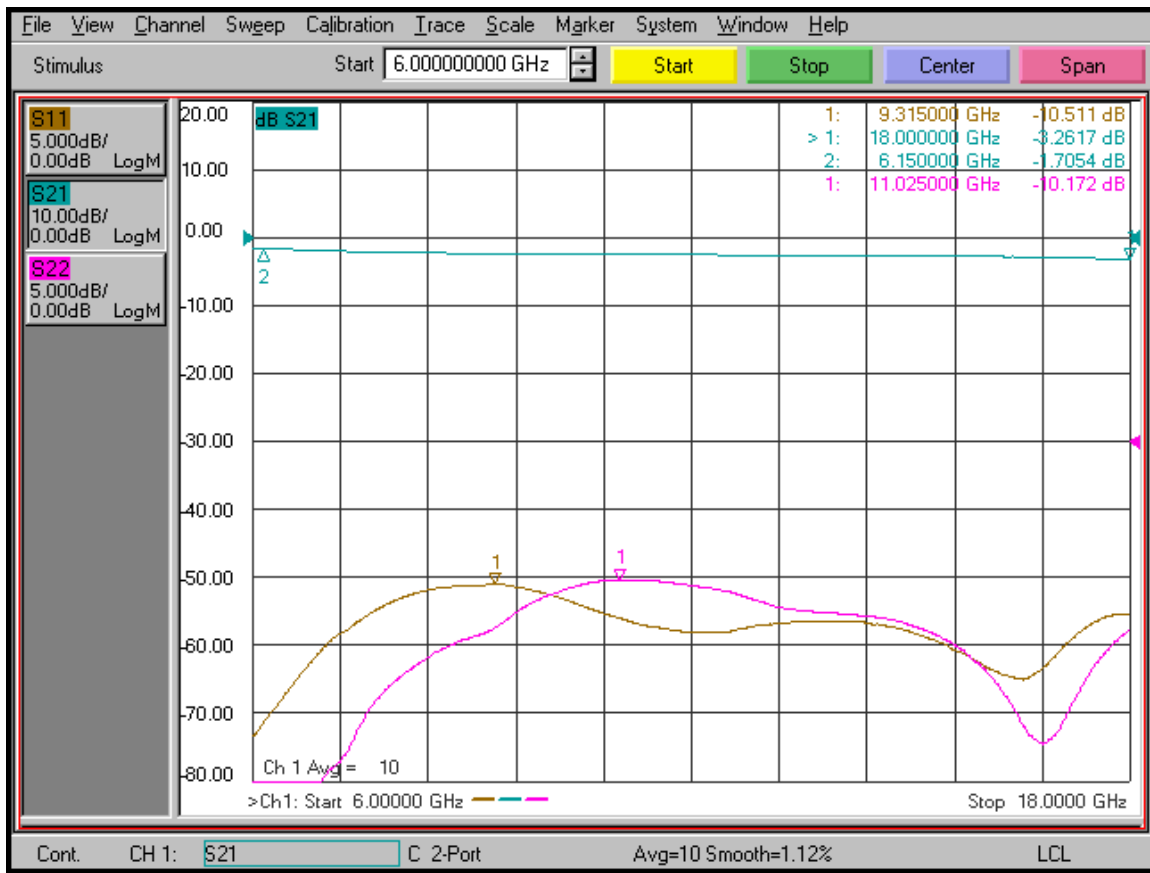


Insertion Loss and Return Loss (J1 – J2)



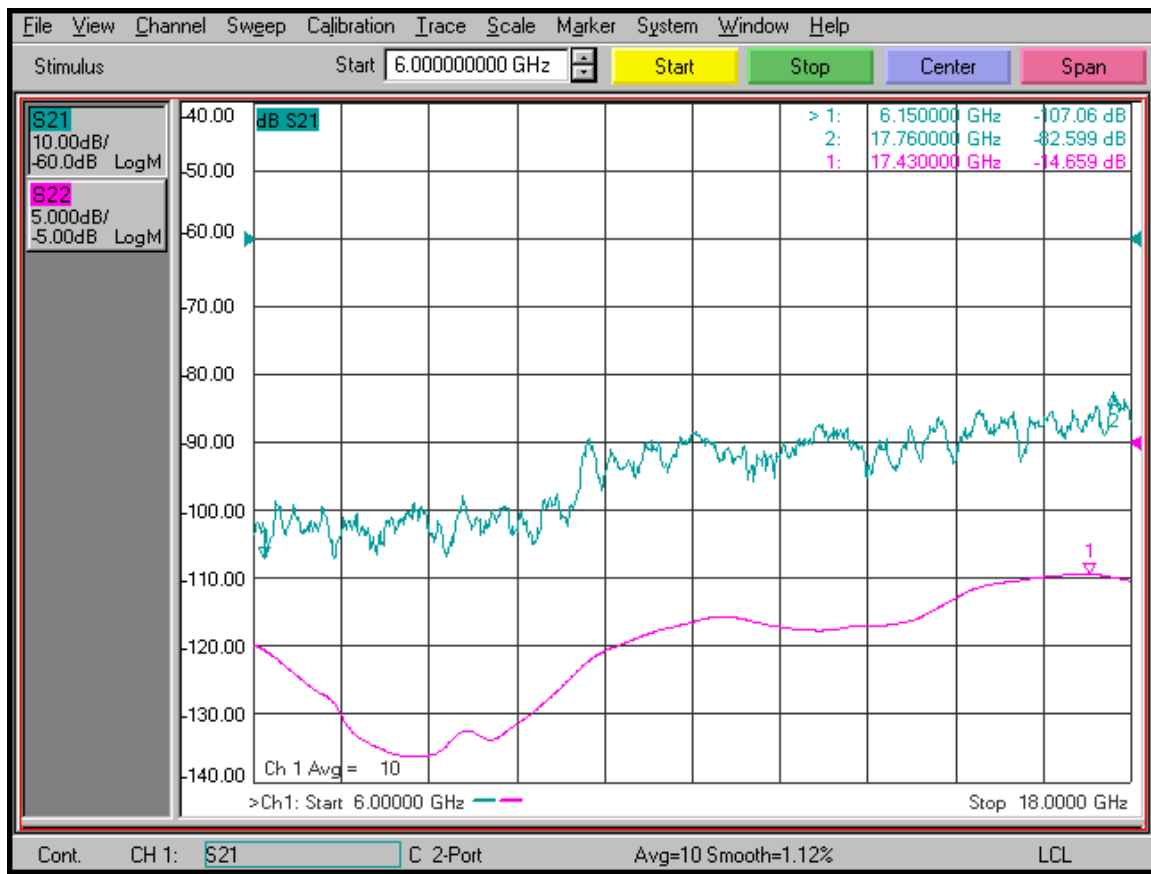


Insertion Loss and Return Loss (J1 – J3)





Isolation
&
Termination (J2) VSWR





Isolation
&
Termination (J3) VSWR

