SUMMARY TEST DATA
ON
P2T-8G18G-50-R-SFFF

PL23060/1827

Customer:		**Tested By:**	**A. Lopez**		
SO No:		**Temperature:**	**+25°C**		
Model No:	**P2T-8G18G-50-R-SFFF**	**Date:**	**07/16/18**		
Serial No:	**PL23060/1827**	**Drawing No:**	**27634000**	**Rev:**	**A1**

TEST. ITEM NO	PARAMETERS	SPECIFIED VALUE	TEST RESULTS	QA QC
1	Frequency Range	8 TO 18 GHz	**8 TO 18 GHz (See Plot)**	
2	Insertion Loss	3 dB Max	**2.84 dB (See Plots)**	
3	Isolation	40 dB Min	**42.20 dB (See Plots)**	
4	VSWR	2.0:1	**Input 1.95 :1 Output 1.99 :1 (See Plots)**	
5	Switching Speed	200 ns	**ON 47 ns OFF 198 ns (See Plots)**	
6	Power	40 W Max	**40 Watts (CW) (See Typical Characteristics)**	
7	Peak Power	300 W Max	**300 Watts (See Typical Characteristics)**	
8	Pulse Width	10 µs Max	**10 µs (See Typical Characteristics)**	
9	Duty Cycle	13% Max	**13% (See Typical Characteristics)**	
10	Power Supply	+5VDC -28VDC	**+5VDC @ 100mA -28VDC @ 20 mA**	

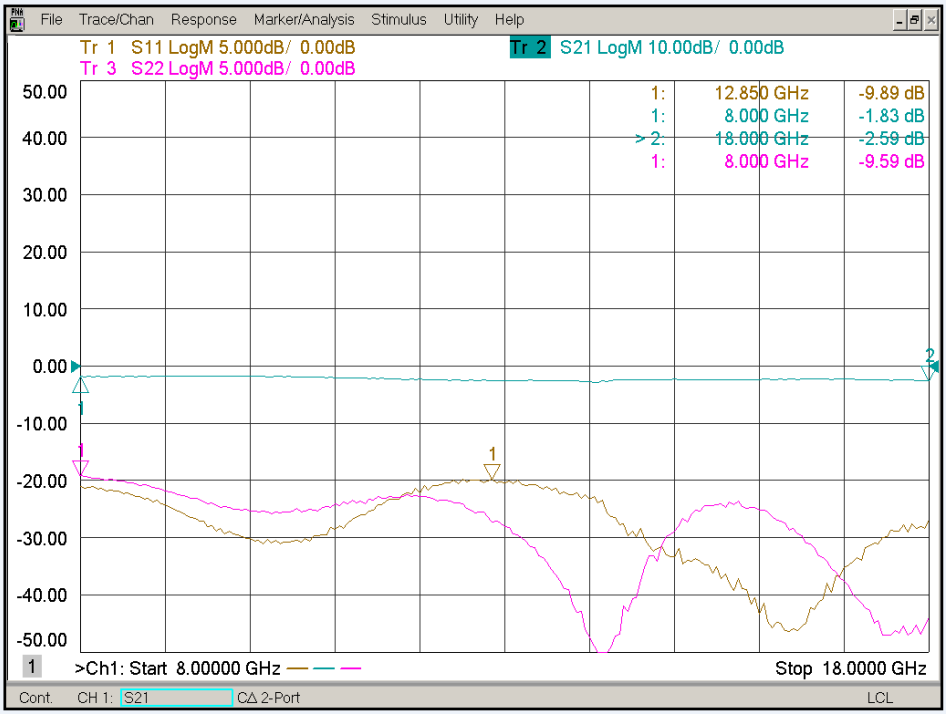
QA/QC Approval: _____ **Date:** _____

7311-F Grove Road, Frederick, MD 21704 USA
Phone: (301) 662-5019 Fax: (301) 662-1731
Email: sales@pmi-rf.com

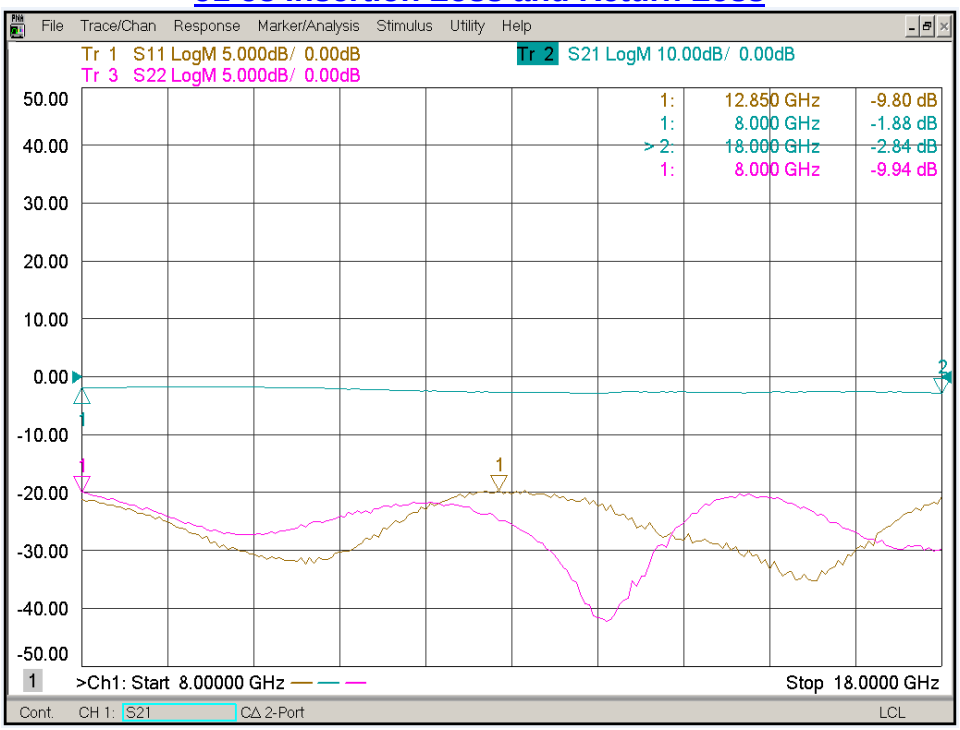
SUMMARY TEST DATA
ON
P2T-8G18G-50-R-SFFF

PL23060/1827

J1-J2 Insertion Loss and Return Loss



J1-J3 Insertion Loss and Return Loss

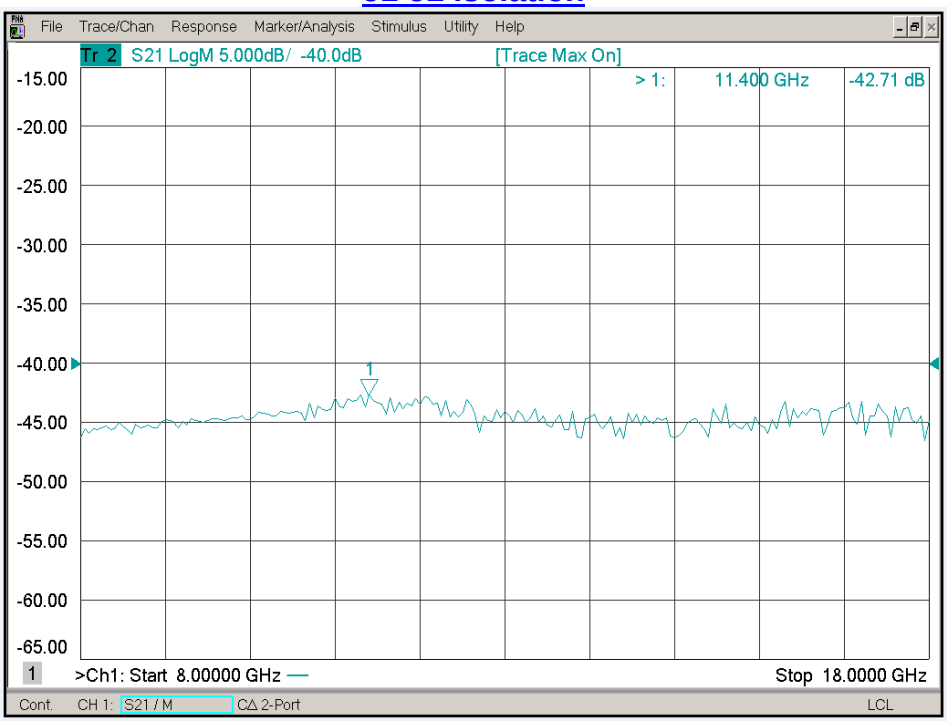


7311-F Grove Road, Frederick, MD 21704 USA
Phone: (301) 662-5019 Fax: (301) 662-1731
Email: sales@pmi-rf.com

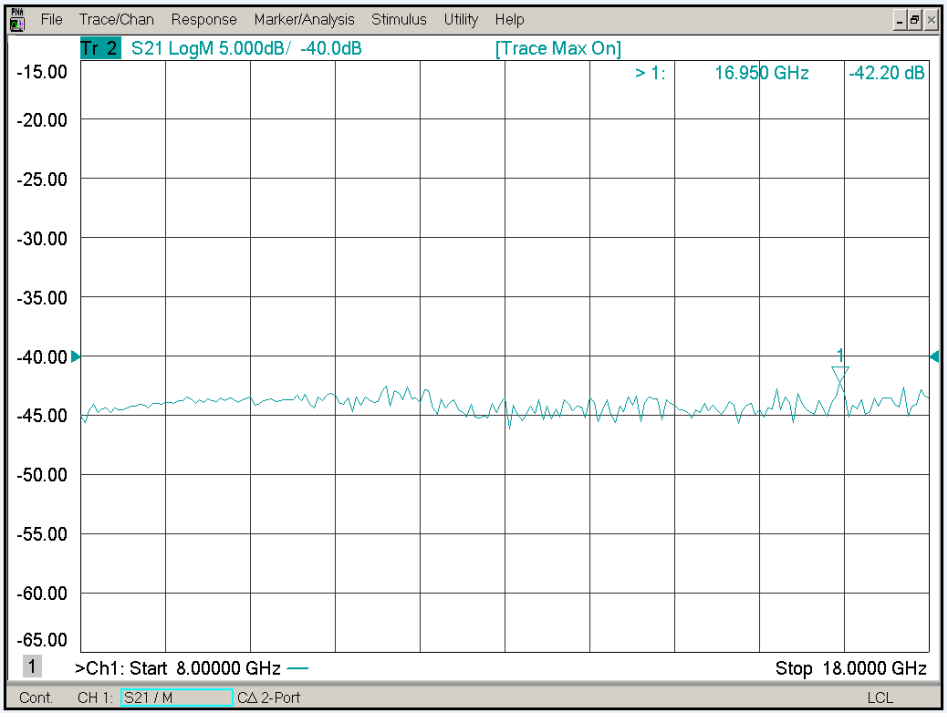
SUMMARY TEST DATA
ON
P2T-8G18G-50-R-SFFF

PL23060/1827

J1-J2 Isolation



J1-J3 Isolation

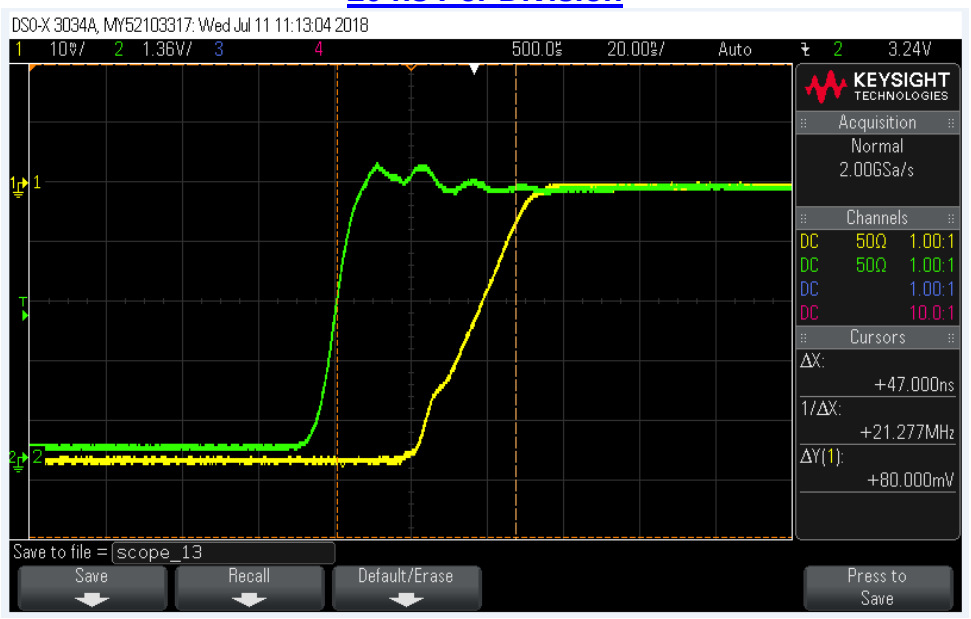


7311-F Grove Road, Frederick, MD 21704 USA
Phone: (301) 662-5019 Fax: (301) 662-1731
Email: sales@pmi-rf.com

SUMMARY TEST DATA
ON
P2T-8G18G-50-R-SFFF

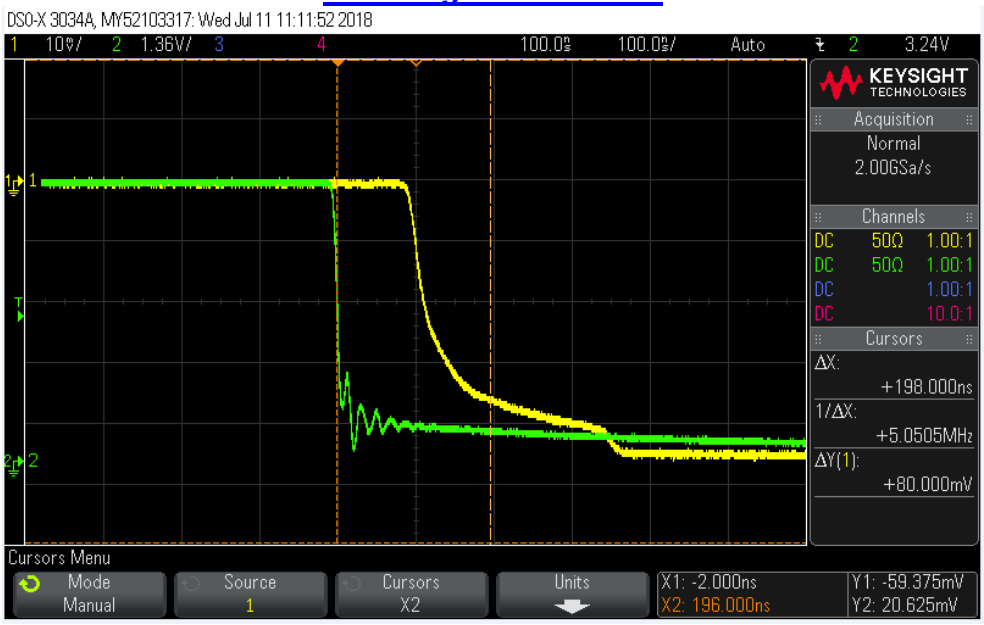
PL23060/1827

Switching Speed ON
20 ns Per Division



Yellow Trace: RF Signal
Green Trace: TTL Signal

Switching Speed OFF
100 nseg Per Division



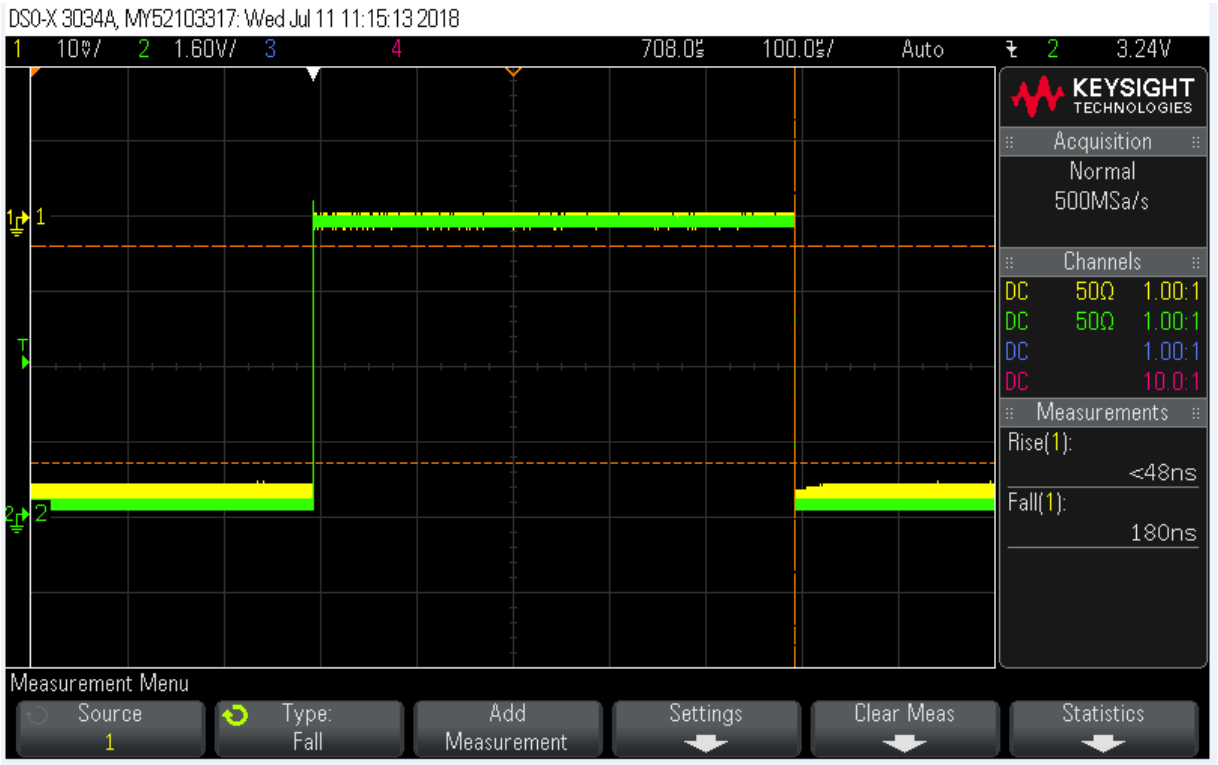
Yellow Trace: RF Signal
Green Trace: TTL Signal

7311-F Grove Road, Frederick, MD 21704 USA
Phone: (301) 662-5019 Fax: (301) 662-1731
Email: sales@pmi-rf.com

SUMMARY TEST DATA
ON
P2T-8G18G-50-R-SFFF

PL23060/1827

Full Pulse, Rise Time and Fall Time
100 us per Division



Yellow Trace: RF Signal
Green Trace: TTL Signal

7311-F Grove Road, Frederick, MD 21704 USA
Phone: (301) 662-5019 Fax: (301) 662-1731
Email: sales@pmi-rf.com