



**SUMMARY TEST DATA
ON
P2T-4G8G-50-R-SFFF**

PL23047/1827

Customer: _____ Tested By: A. Lopez
SO No: _____ Temperature: +25°C
Model No: P2T-4G8G-50-R-SFFF Date: 07/09/18
Serial No: PL23047/1827 Drawing No: 27634000 Rev: A1

TEST. ITEM NO	PARAMETERS	SPECIFIED VALUE	TEST RESULTS	QA QC
1	Frequency Range	4 TO 8 GHz	4 TO 8 GHz (See Plot)	
2	Insertion Loss	3 dB Max	1.17 dB (See Plots)	
3	Isolation	50 dB Min	59.73 dB (See Plots)	
4	VSWR	2.0:1	Input 1.63 :1 Output 1.50 :1 (See Plots)	
5	Switching Speed	200 ns	ON 33.6 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 μ s Max	10 μ s (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: _____

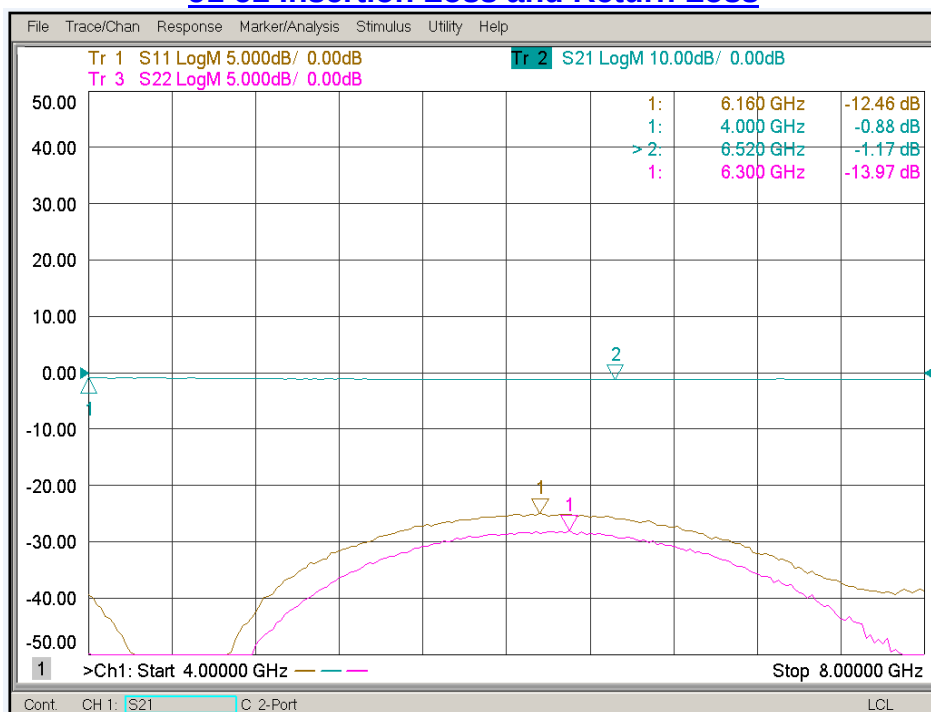
7311-F Grove Road, Frederick, MD 21704 USA
Phone: (301) 662-5019 Fax: (301) 662-1731
Email: sales@pmi-rf.com



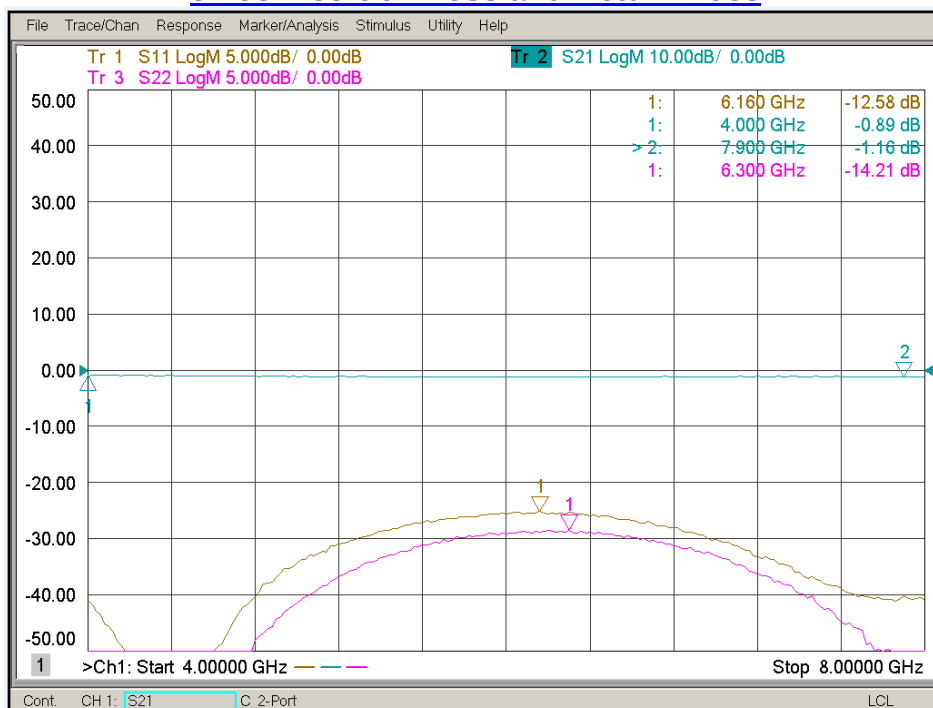
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J1-J2 Insertion Loss and Return Loss



J1-J3 Insertion Loss and Return Loss



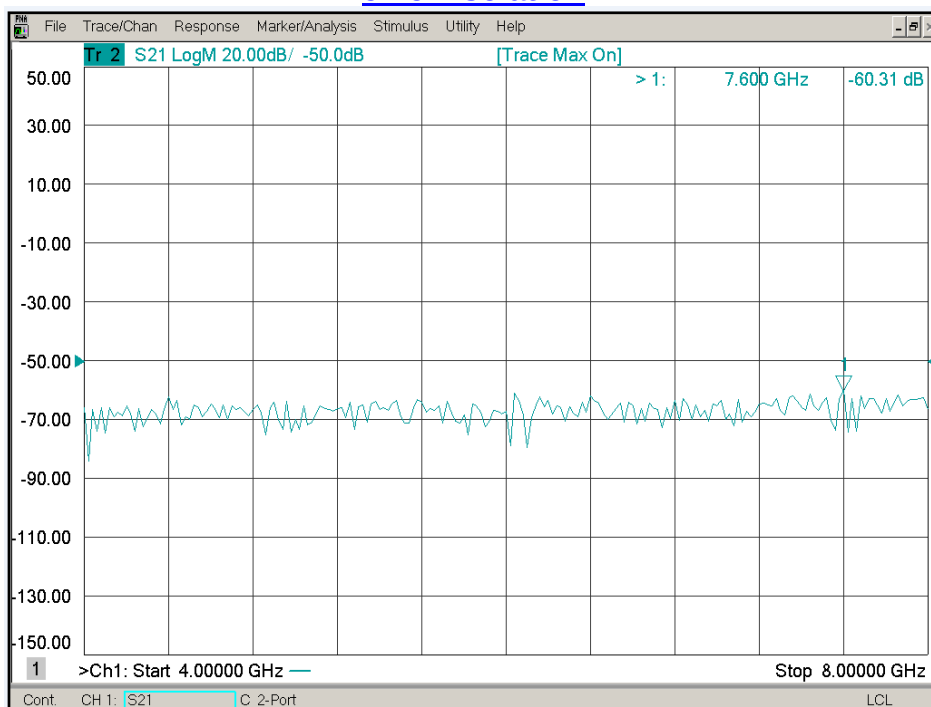
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J1-J2 Isolation



J1-J3 Isolation



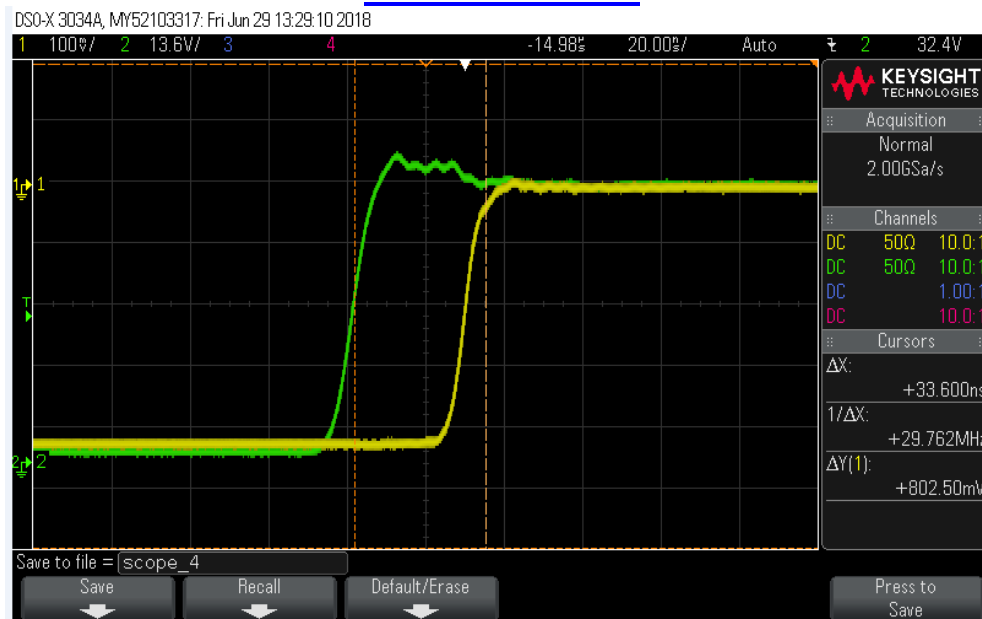
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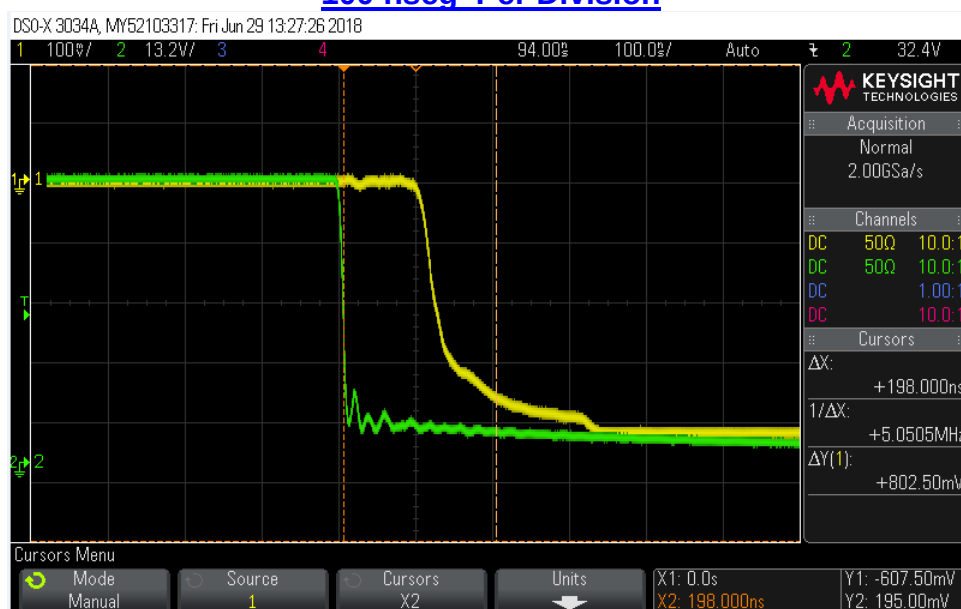
PL23047/1827

**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

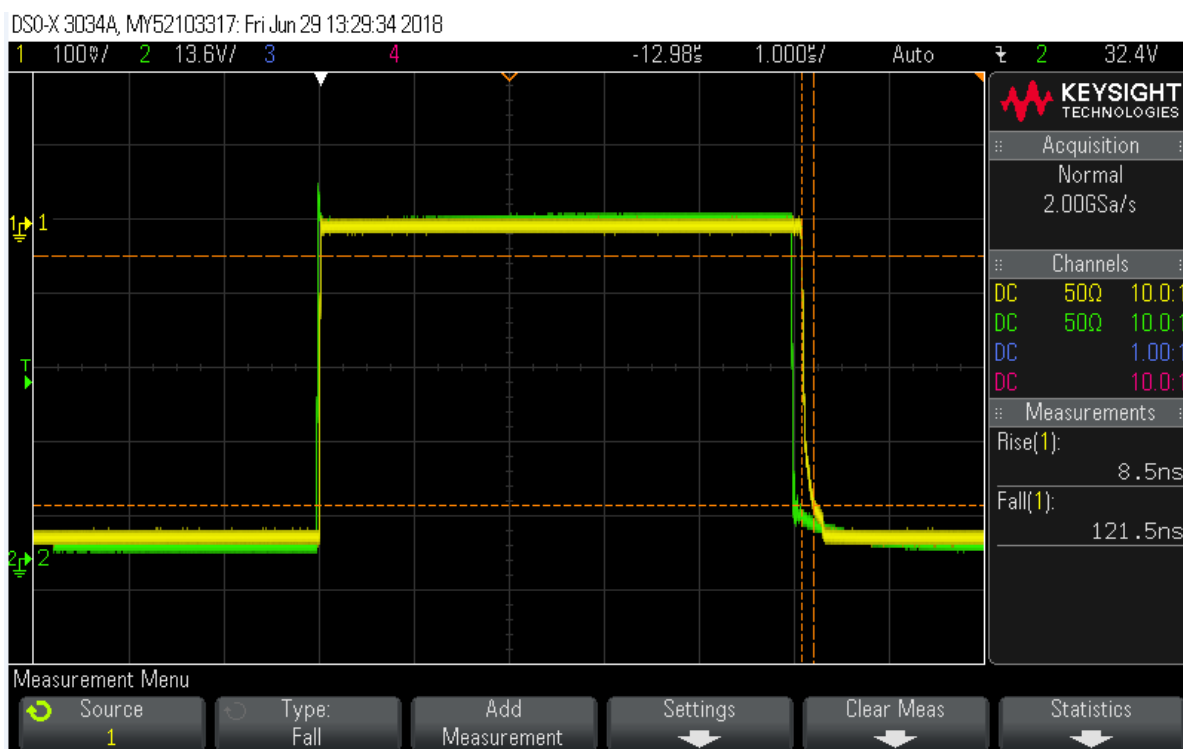
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**SUMMARY TEST DATA
ON
P2T-4G8G-50-R-SFFF**

PL23047/1827

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



Yellow Trace: RF Signal

Green Trace: TTL Signal