



SUMMARY TEST DATA
ON
P2T-10M6G-45-R-5V-SFF-HIP20W-
OPT10M500M

PL18449/1602

Customer: _____ Tested By: JERRY N.
SO No: SO15-335-S-P Temperature: +25°C
Model No: P2T-10M6G-45-R-5V-SFF-HIP20W- Date: 01/12/16
OPT10M500M
Serial No: PL18449/1602 Drawing No: 27625204 Rev: A1

TEST. ITEM NO	PARAMETERS	SPECIFIED VALUE	TEST RESULTS	QA QC
1	Frequency Range:	10 to 500 MHz	10 to 500 MHz	
2	Isolation:	45 dB Typical	47.06 dB (See Plot)	
3	Insertion Loss:	1.0 dB Typical	0.44 dB (See Plot)	
4	VSWR (In/Out):	2.0:1 Maximum	1.10 :1 (See Plot)	
5	Operating Input Power:	20 Watts CW Maximum*	20 Watts CW	
6	RF Switching Speed:	100 ns Maximum (50% TTL to 90% RF) = "On" (50% TTL to 10% RF) = "Off"	90 ns "On" 52 ns "Off"	
7	DC Voltage:	+5 Volts @ 30 mA Typical	53 mA	
8	Control Signal:	TTL "0" (J1 to J2) Low Loss TTL "1" (J1 to J3) Low Loss	Pass	

*Not to be Switched Any Higher than 50 kHz [PRI]

QA/QC Approval: _____ Date: _____

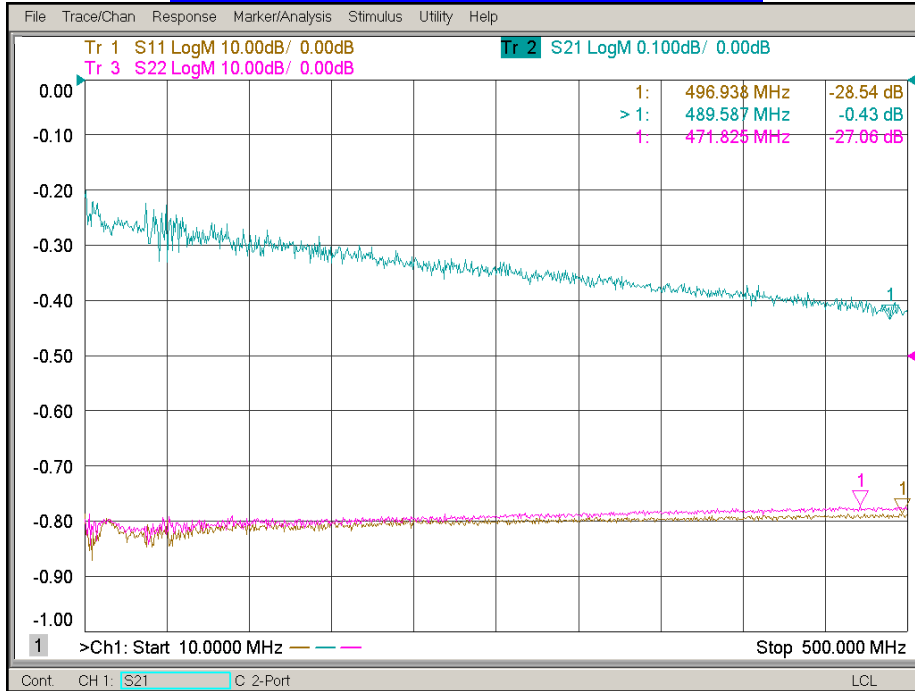
7311-F Grove Road Frederick, MD 21704 USA Phone: (301)662-5019 Fax: (301)662-1731
Email: sales@pmi-rf.com



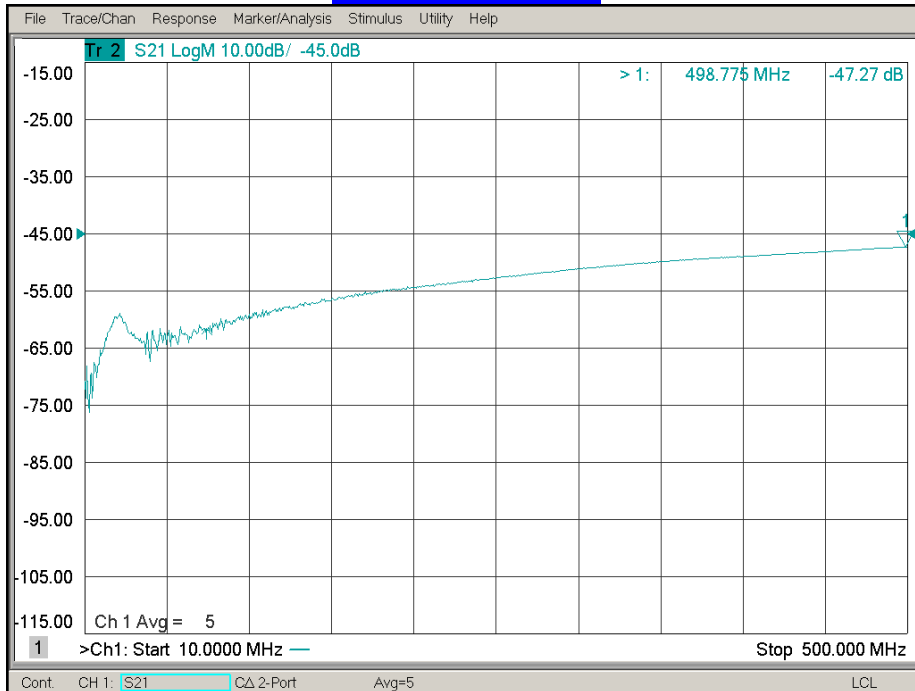
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(J1-J2) Insertion Loss and Return Loss



(J1 - J2) Isolation

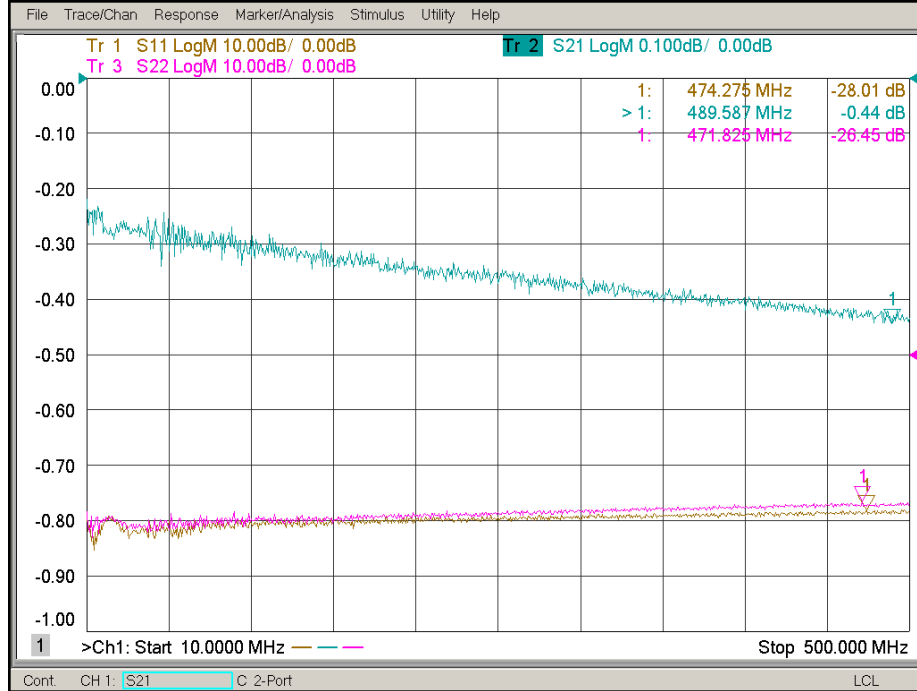




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(J1-J3) Insertion Loss and Return Loss



(J1 - J3) Isolation

