



**SUMMARY TEST DATA
ON
P5T-100M1G-90-T-55-SFF**

PL35173/2151

Customer: _____ Tested By: L. McGraw
SO No: _____ Temperature: +25°C
Model No: P5T-100M1G-90-T-55-SFF Date: 12/21/21
Serial No: PL35173/2151 Drawing No: 27614302 Rev: A1

TEST. ITEM NO	PARAMETERS	SPECIFIED VALUE	TEST RESULTS	QA QC
1	Frequency Range:	100 MHz TO 1.0 GHz	100 MHz TO 1.0 GHz	PMI QA 2
2	Insertion Loss:	2.5 dB Typ. 3.5 dB Max.	2.77dB	PMI QA 2
3	Isolation:	90 dB Min.	90.1dB	
4	VSWR : In/Out	2.0:1 Max	1.5:1	
5	Input Power:	+20 dBm CW Max. (Operating)	+20 dBm CW Max. (Operating)	
6	Switching Speed:	50 ns Max.	See Typical Characteristics	
7	DC Supply:	+5VDC @ 250 mA NOMINAL -5VDC @ 100 mA NOMINAL	84mA 42mA	
8	Control Signal:	TTL "1" → (LOW LOSS) TTL "0" → (ISOLATION) PINS E1 thru E5 ARE PULLED LOW "0"	Pass	

QA/QC Approval:  PMI QA 2 Date: 12/22/2021

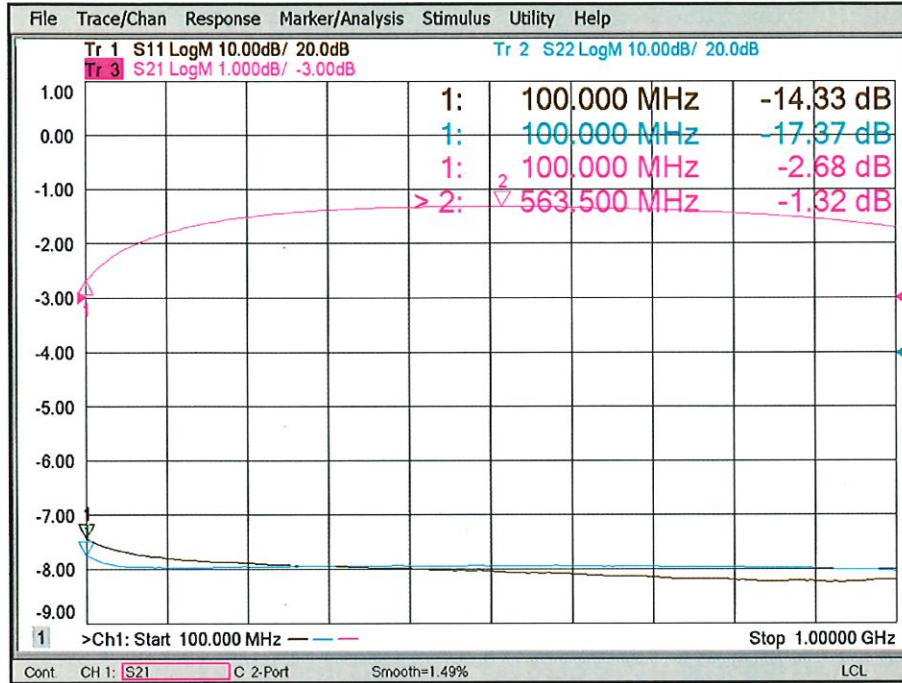
7311-F Grove Road, Frederick, MD 21704 USA
Phone: (301) 662-5019 Fax: (301) 662-1731
Email: sales@pmi-rf.com



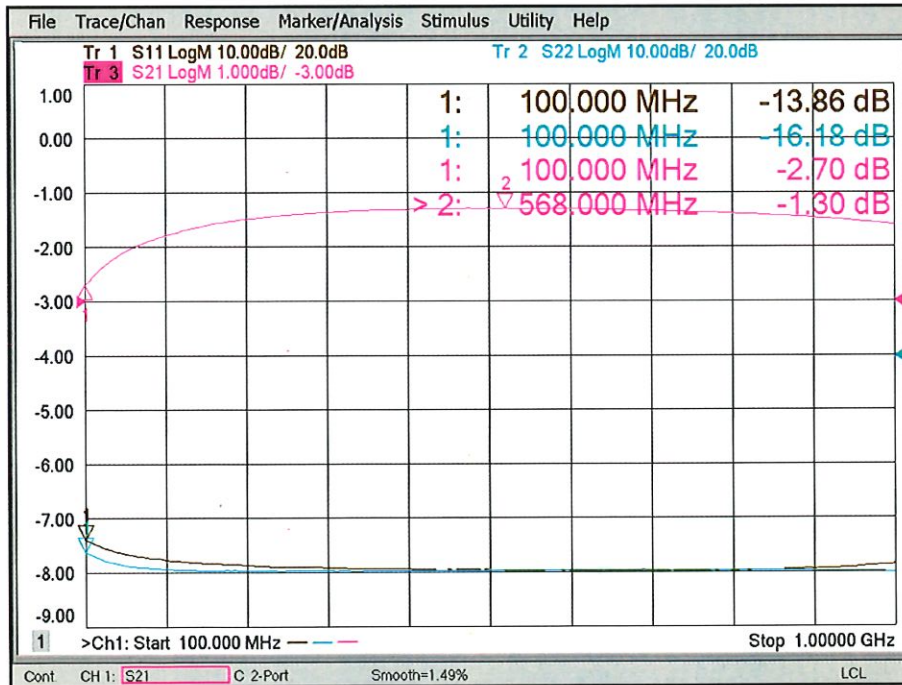
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(J1-J2) Insertion Loss and Return Loss



(J1-J3) Insertion Loss and Return Loss



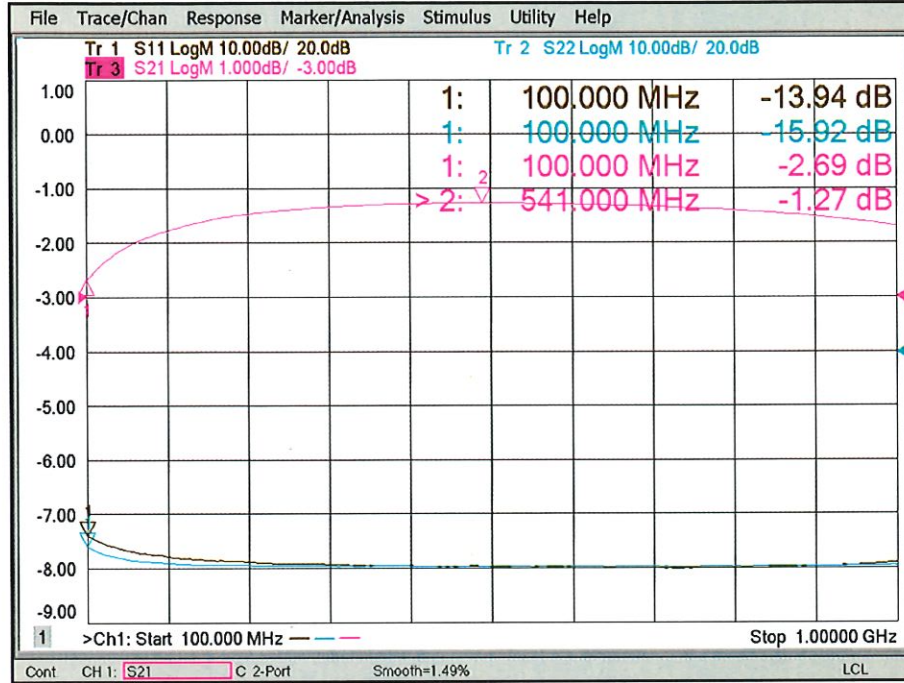
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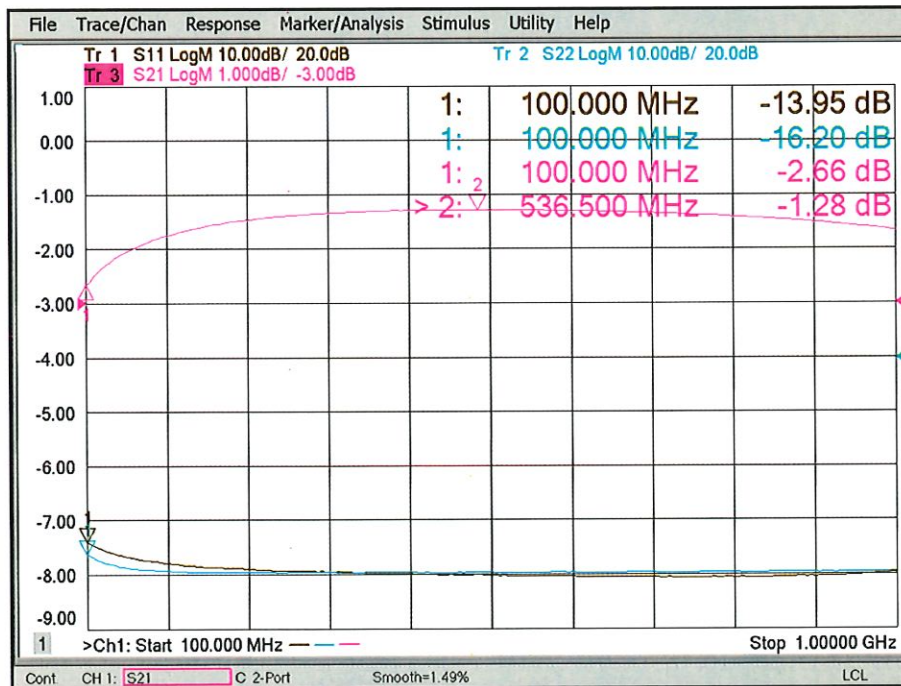
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(J1-J4) Insertion Loss and Return Loss



(J1-J5) Insertion Loss and Return Loss



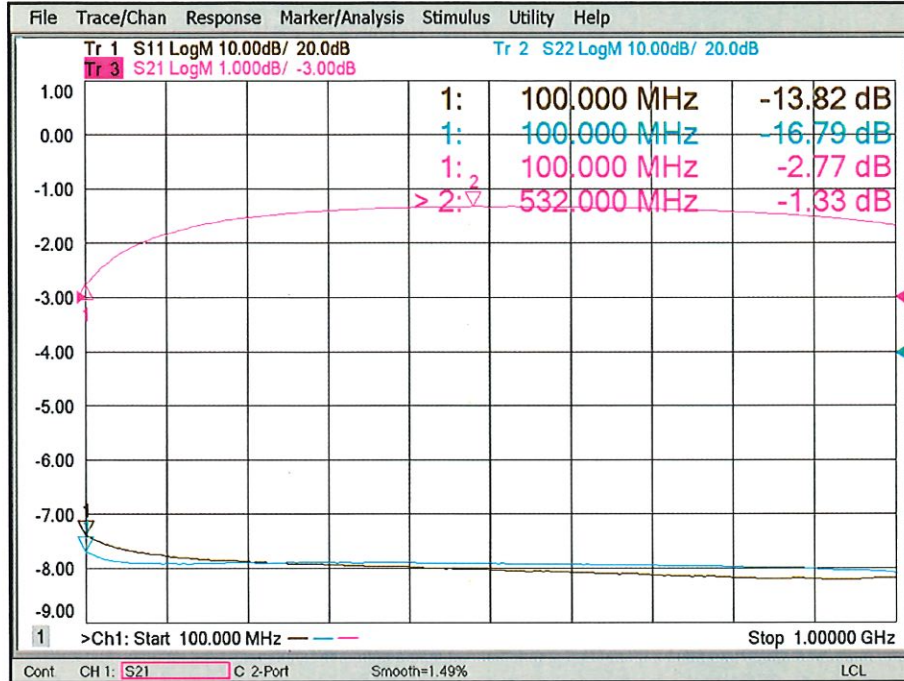
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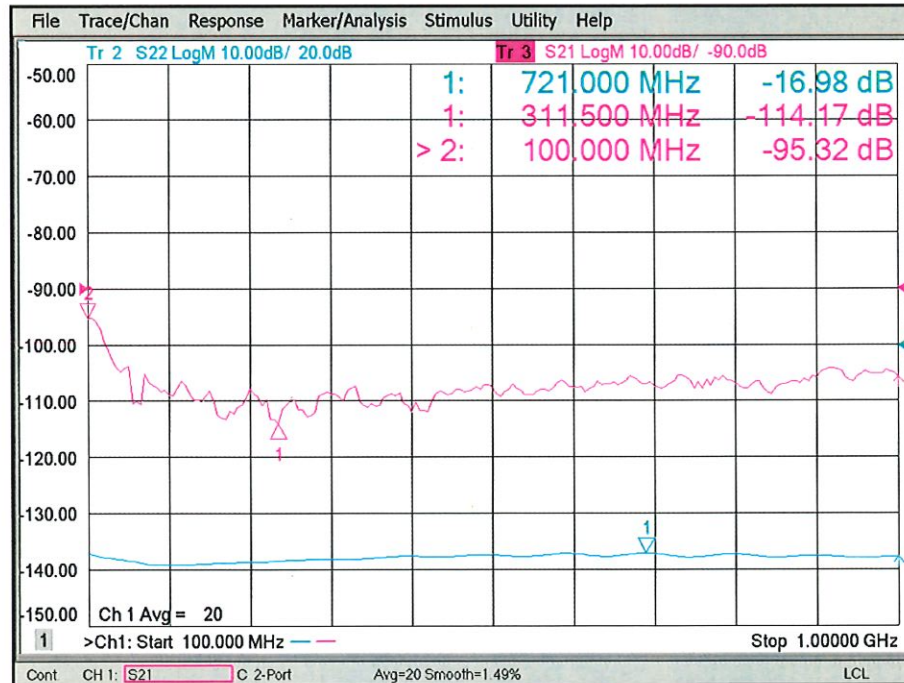
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(J1-J6) Insertion Loss and Return Loss



(J1-J2) Isolation and Termination Return Loss



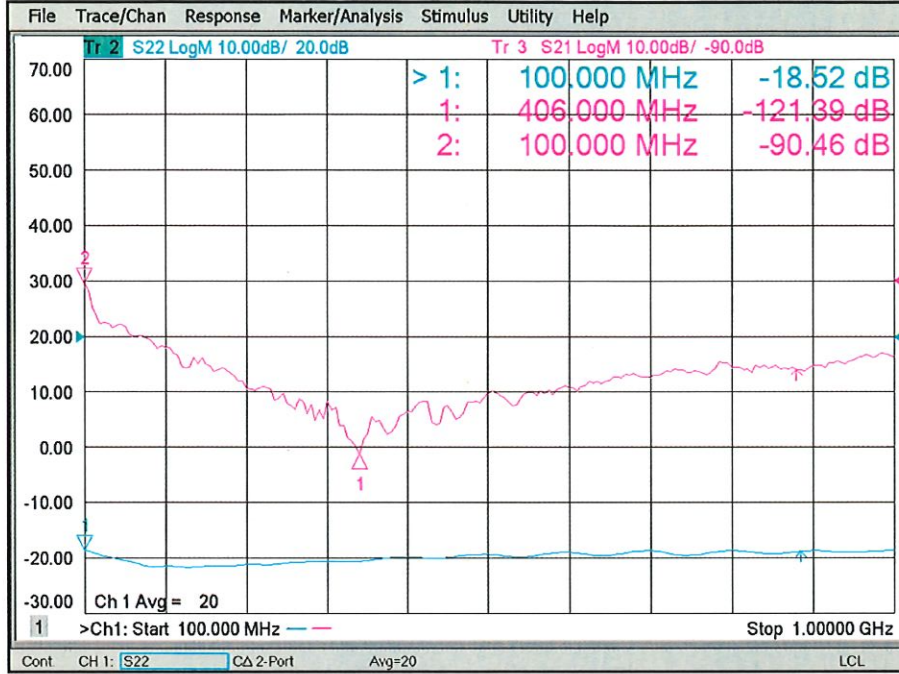
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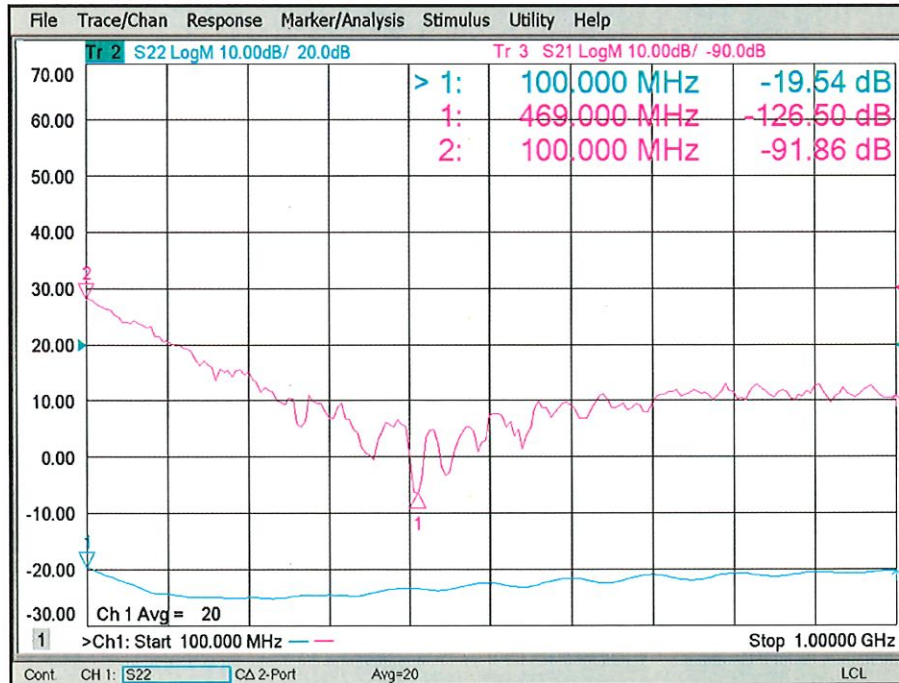
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(J1-J3) Isolation and Termination Return Loss



(J1-J4) Isolation and Termination Return Loss



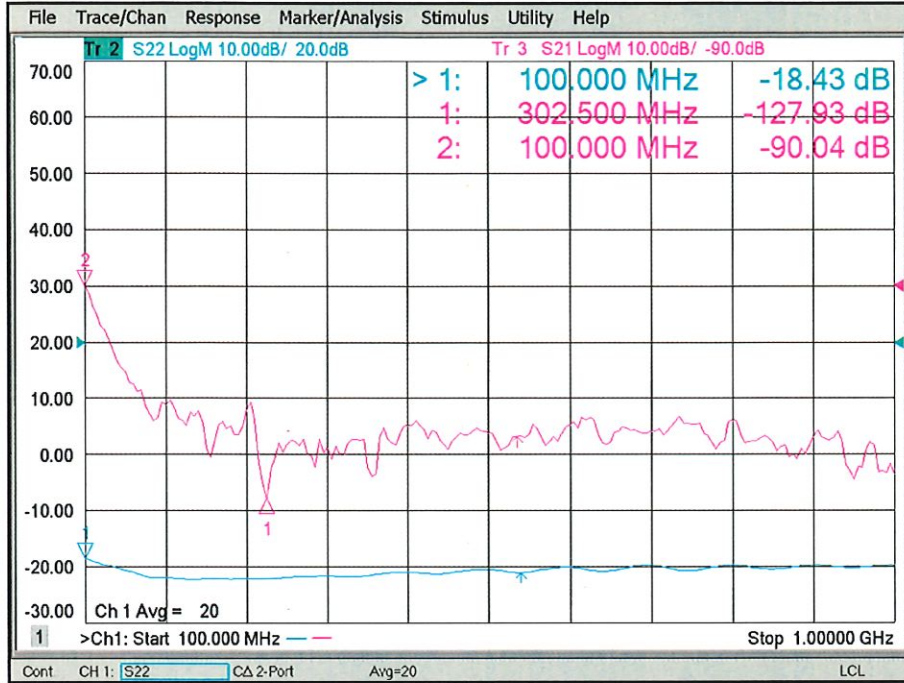
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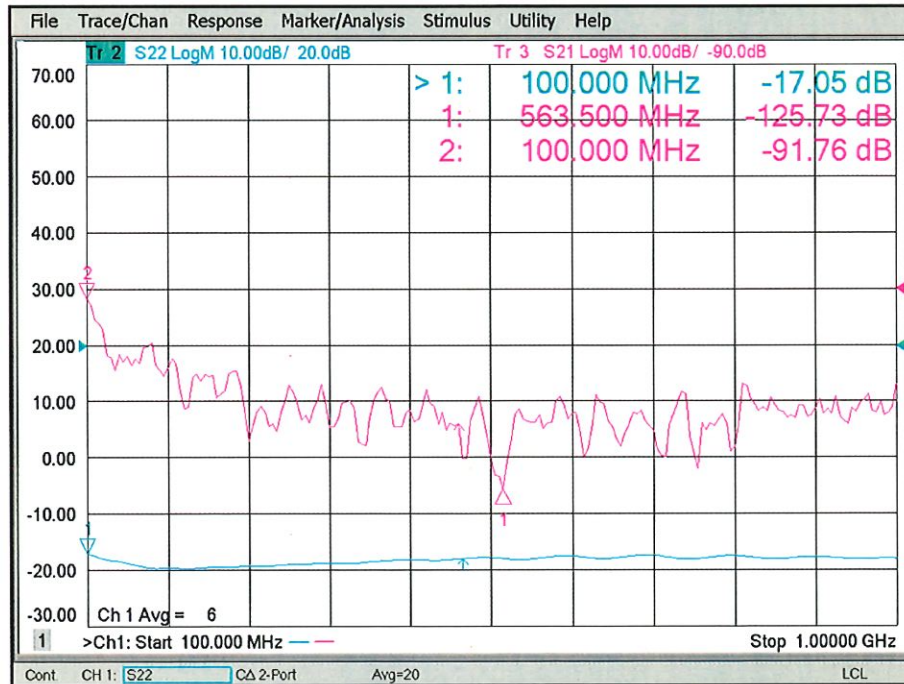
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(J1-J5) Isolation and Termination Return Loss



(J1-J6) Isolation and Termination Return Loss



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