



**SUMMARY TEST DATA
ON
P4T-0R3G18G-70-T-SFF**

PL20937/1717

Customer: _____	Tested By: <u>A. LOPEZ</u>
SO No: <u>SO17-028-S-P</u>	Temperature: <u>+25°C</u>
Model No: <u>P4T-0R3G18G-70-T-SFF</u>	Date: <u>04/24/17</u>
Serial No: <u>PL20937/1717</u>	Drawing No: <u>27330420</u> Rev: <u>A1</u>

TEST. ITEM NO	PARAMETERS	SPECIFIED VALUE	TEST RESULTS	QA QC	
1	Frequency Range:	0.3 GHz – 18 GHz	0.3 GHz – 18 GHz See Plots		
2	Insertion Loss:	3.75 dB Max.	3.67 dB (See Plots)		
3	Isolation:	0.3 GHz TO 2 GHz: 60 dB Min	83.02 dB	(0.3-2 GHz)	
		2 GHz TO 18 GHz: 70 dB Min	74.35 dB	(2-18 GHz)	
			See Plot		
4	VSWR:	In/Out	2.0:1 Typ.		
		Terminated Out:	2.0:1 Typ.		
			1.97:1 See Plots 2.0:1 Typical Characteristics		
5	Rise/Fall Time:	10 nsec Typ. 15 nsec Max.	See Typical Characteristics		
6	Delay On/Off:	75 nsec Typ. 100 nsec Max.	See Typical Characteristics		
7	Input Power:	+20 dBm CW Max	Pass		
8	Survival Power:	1W CW Max (+30 dBm) 10W Peak 1 μ s Pulse, 1% Duty Cycle	Pass		
9	DC Supply:	+5VDC @ 65 mA Max -5VDC @ 50 mA Max	42 mA @ +5VDC 31 mA @ -5VDC		
10	Control Signal:	LOGIC TABLE			Pass
		2 BIT DECODER			
		E1	E2	FUNCTION	
		0	0	J1 – J2 “Low Loss”	
		0	1	J1 – J3 “Low Loss”	
		1	0	J1 – J4 “Low Loss”	
	1	1	J1 – J5 “Low Loss”		

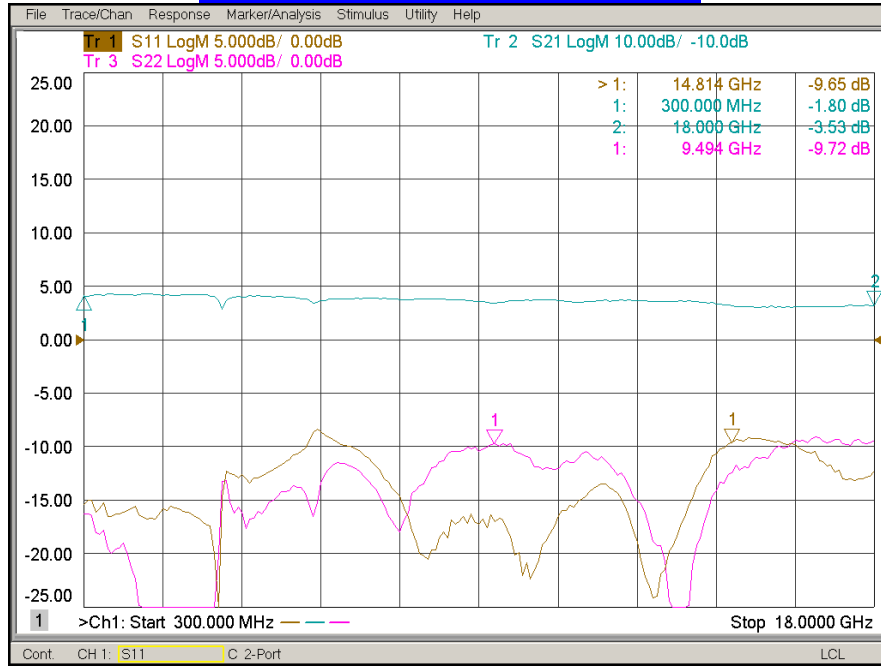
QA/QC Approval: _____ Date: _____



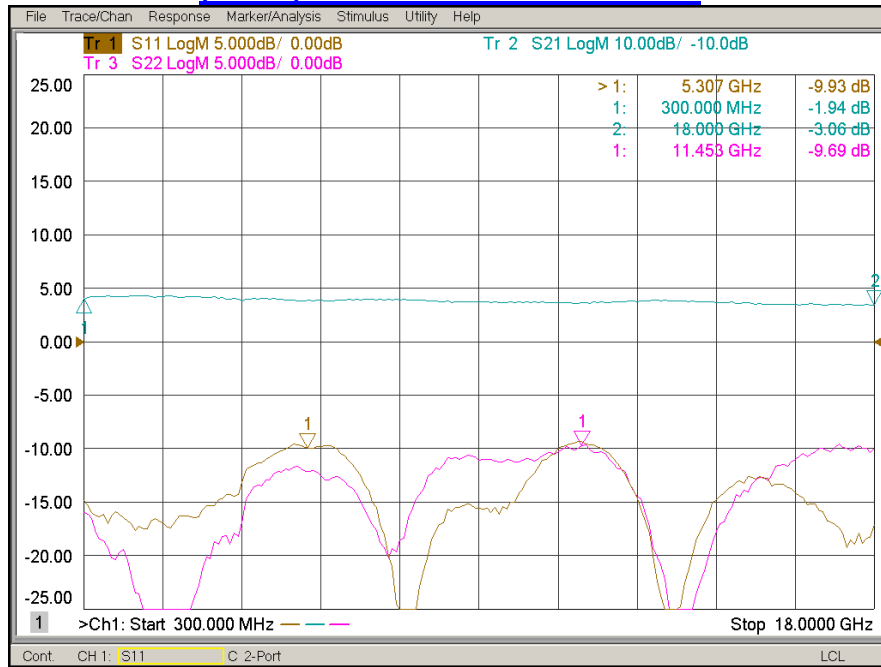
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(J1-J2) Insertion Loss and VSWR



(J1-J3) Insertion Loss and VSWR

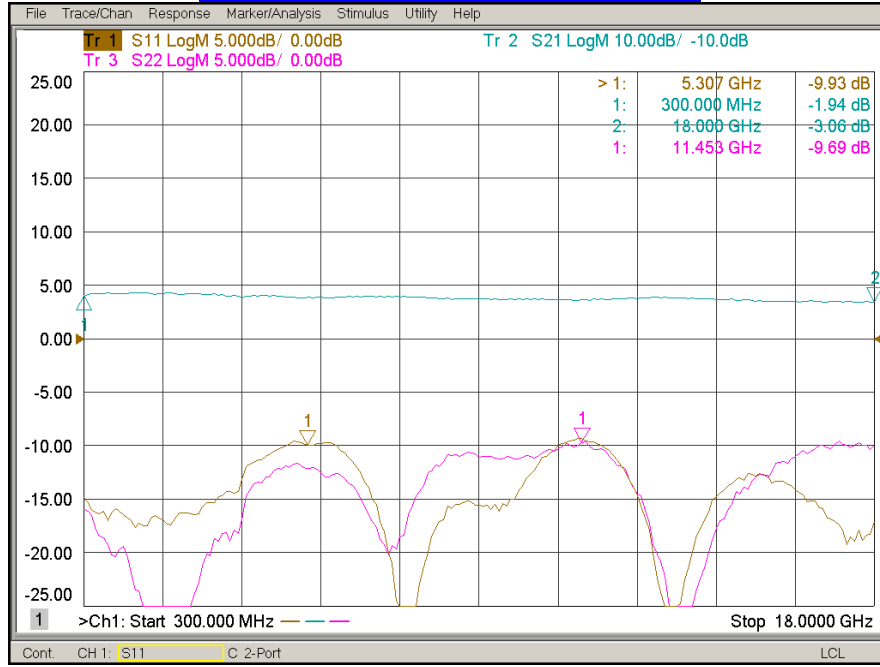




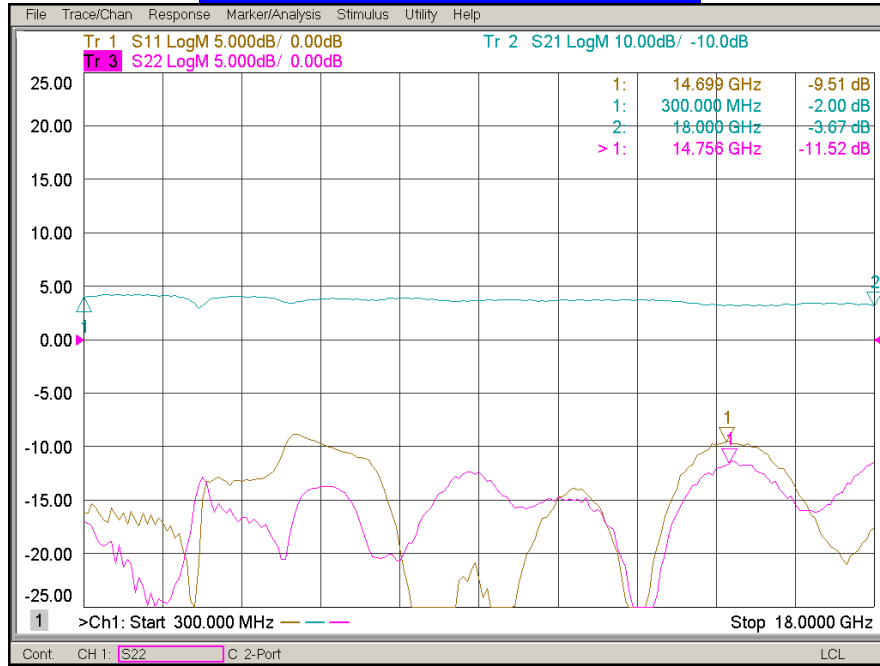
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(J1-J4) Insertion Loss and VSWR



(J1-J5) Insertion Loss and VSWR

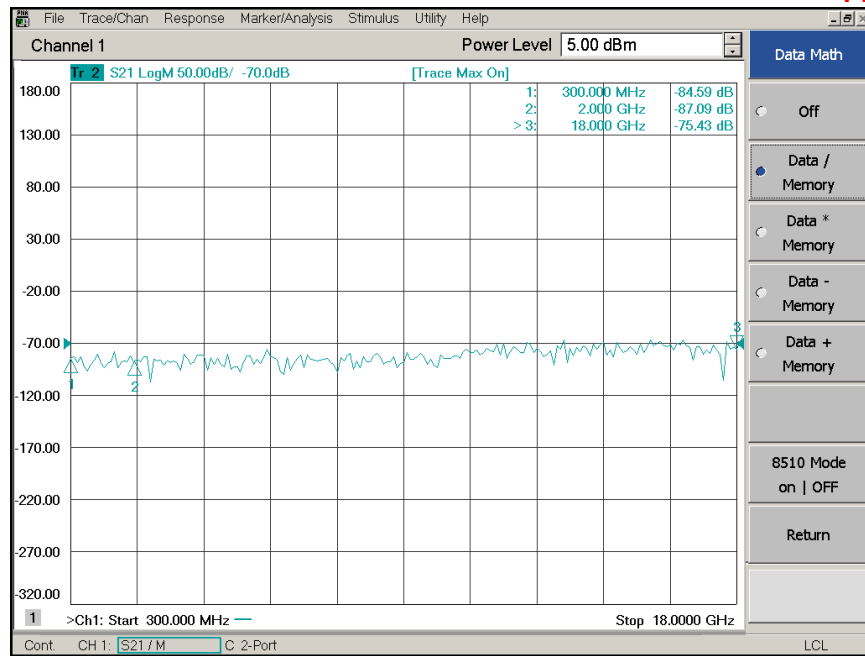


(J1 - J2) Isolation

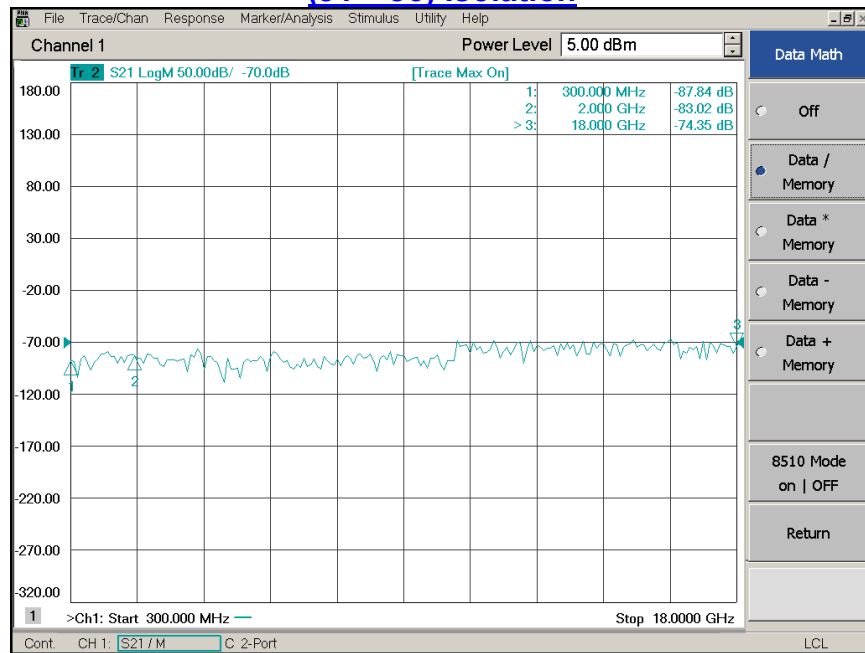


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(J1 – J3) Isolation



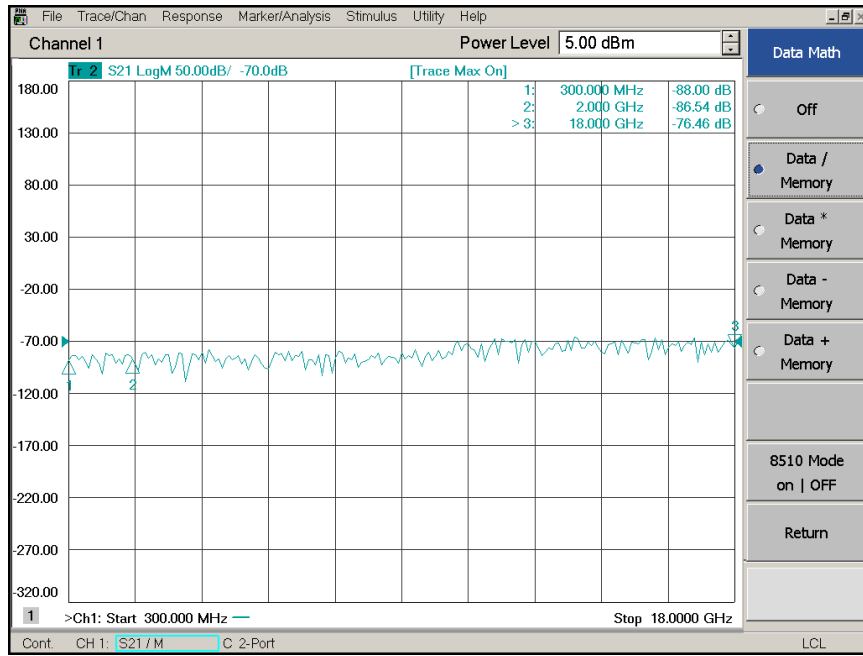
(J1 – J4) Isolation

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 – J5) Isolation

