



SUMMARY TEST DATA ON P4T-100M50G-100-T-RD-292-OPT40

Customer: _____
SO No: _____
Model No: P4T-100M50G-100-T-RD-292-OPT40
Serial No: PL34357/2143

Tested By: A. Lopez
Temperature: 25°C
Date: 10/27/2021
Drawing No: 27632641 Rev: A1

TEST ITEM NO.	PARAMETERS	SPECIFIED VALUE	TEST RESULTS	QA QC	
1	Frequency Range:	0.1 to 40 GHz	0.1 to 40 GHz	PMI QA2	
2	Insertion Loss:	4.0 dB (0.1 TO 18 GHz) Max. 7.0 dB (18 TO 40 GHz) Max.	3.28 dB		
			6.03 dB		
			See Graph		
3	VSWR:	2.0:1 (0.1 TO 18GHz) Max. 2.25:1 (18 TO 40 GHz) Max.	1.92 :1		
			2.24 :1		
			See Graph		
4	Isolation:	70 dB (0.1 TO 1 GHz) Typ 100 dB (1 TO 18 GHz) Typ. 100 dB (18 TO 40 GHz) Typ.	97.1 dB		
			102.61 dB		
			104.42 dB		
			See Graph		
5	Input Power:	+20 dBm CW Max.	Pass See Typical Characteristics		
6	Switching Speed:	50 ns Max.	Pass See Typical Characteristics		
7	DC Supply:	+5 VDC @ 200 mA Max. -5 VDC @ 200 mA Max.	+5 VDC @ 143 mA -5 VDC @ 130 mA		
8	Control Signal:	TTL LOGIC CONTROL TABLE			Pass
		CTL 2	CTL 1		
		0	0	J1 TO J2	
		0	1	J1 TO J3	
		1	0	J1 TO J4	
		1	1	J1 TO J5	

QA/QC Approval: _____

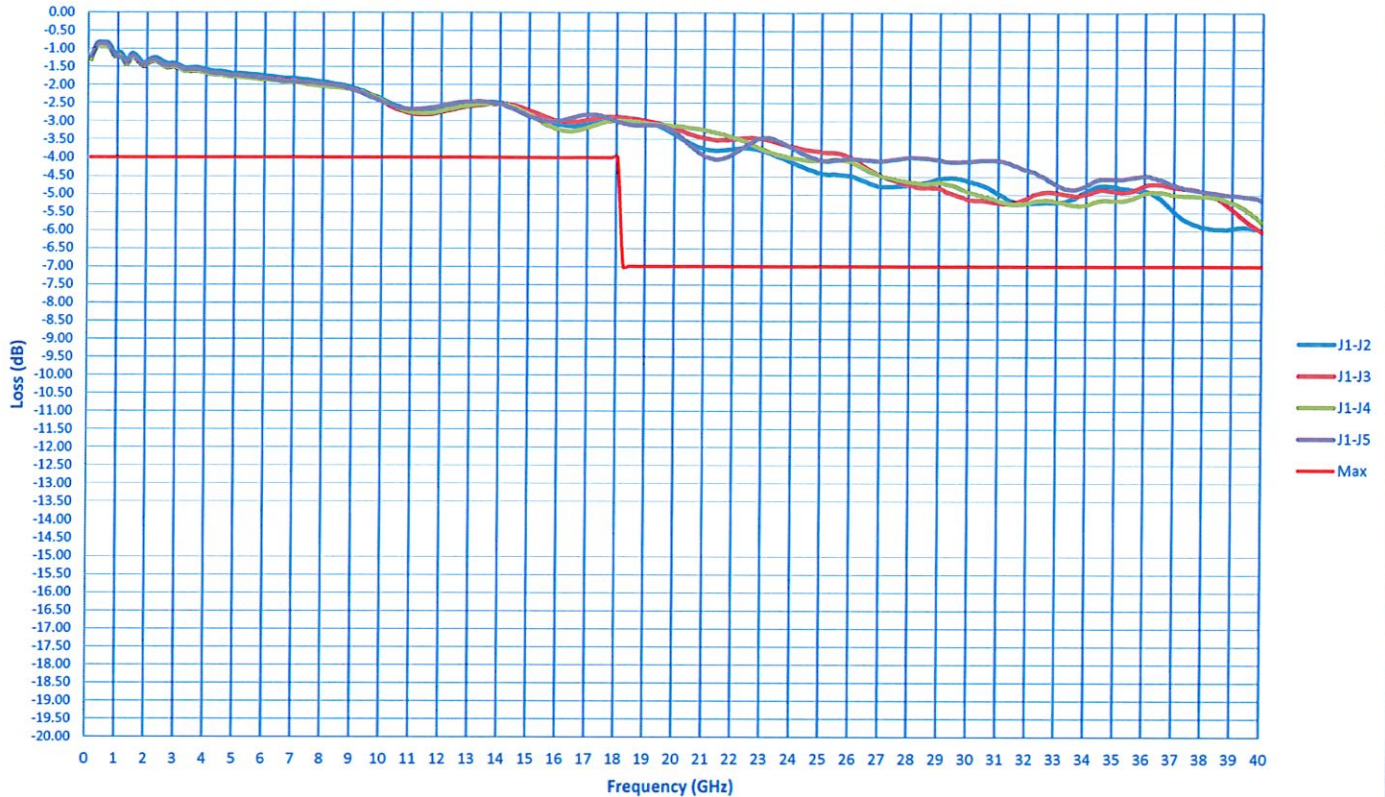
PMI
QA2

Date: 10/28/2021

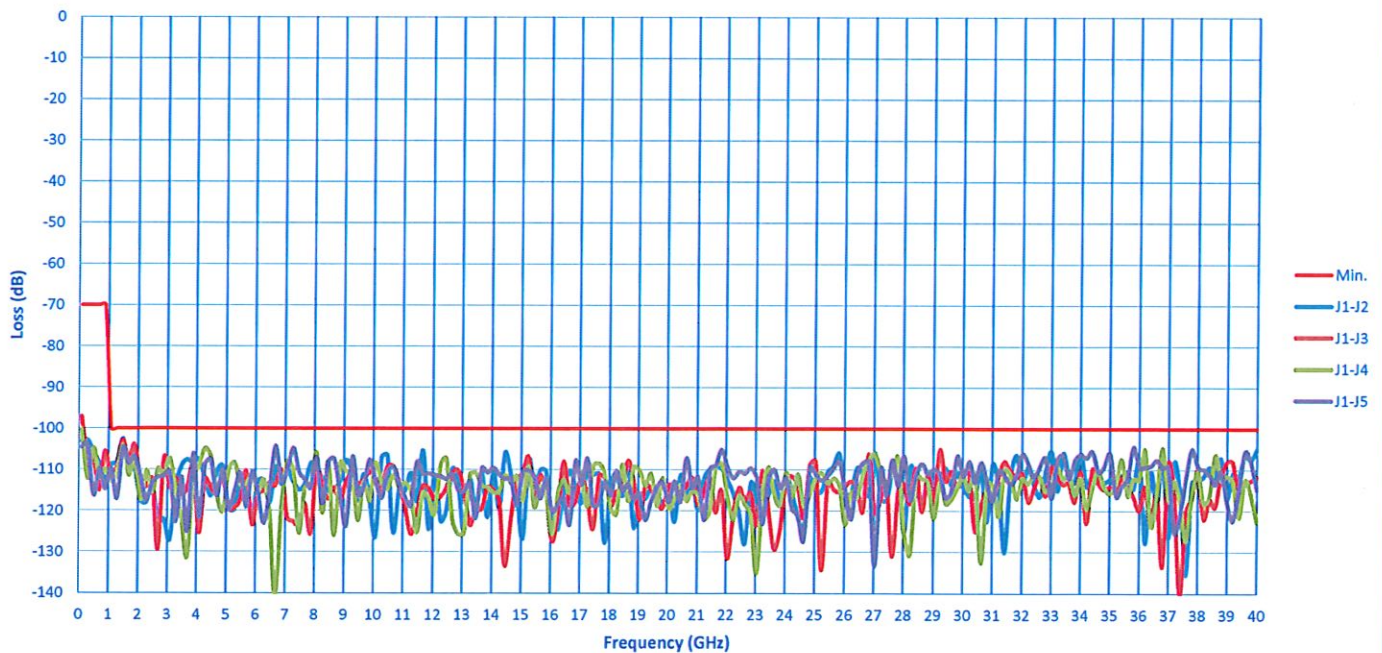


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Insertion Loss



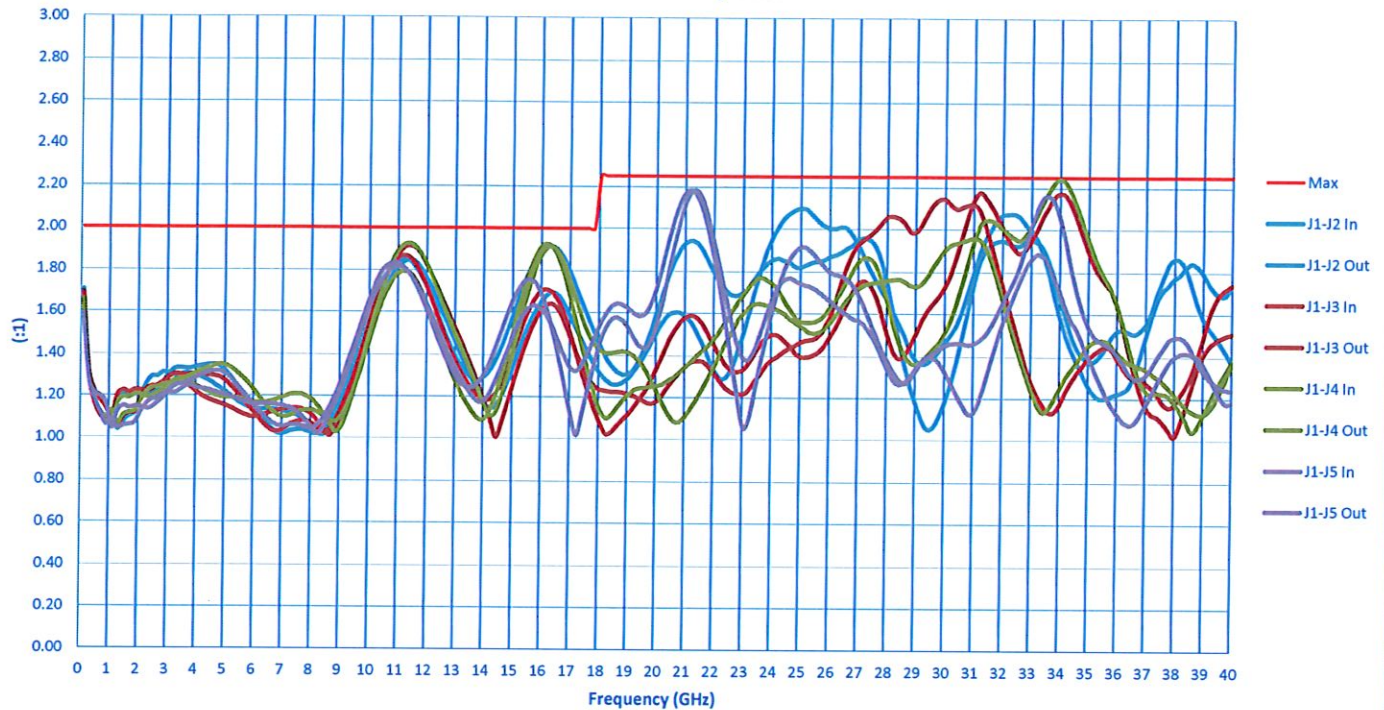
Isolation





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VSWR In/Out



VSWR Absorptive Out/OFF

