

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: PL50980/2503

Tested By: S. O'Neill
Temperature: +25°C
Date: 1/16/2025
Drawing No: 27632641 REV: B1

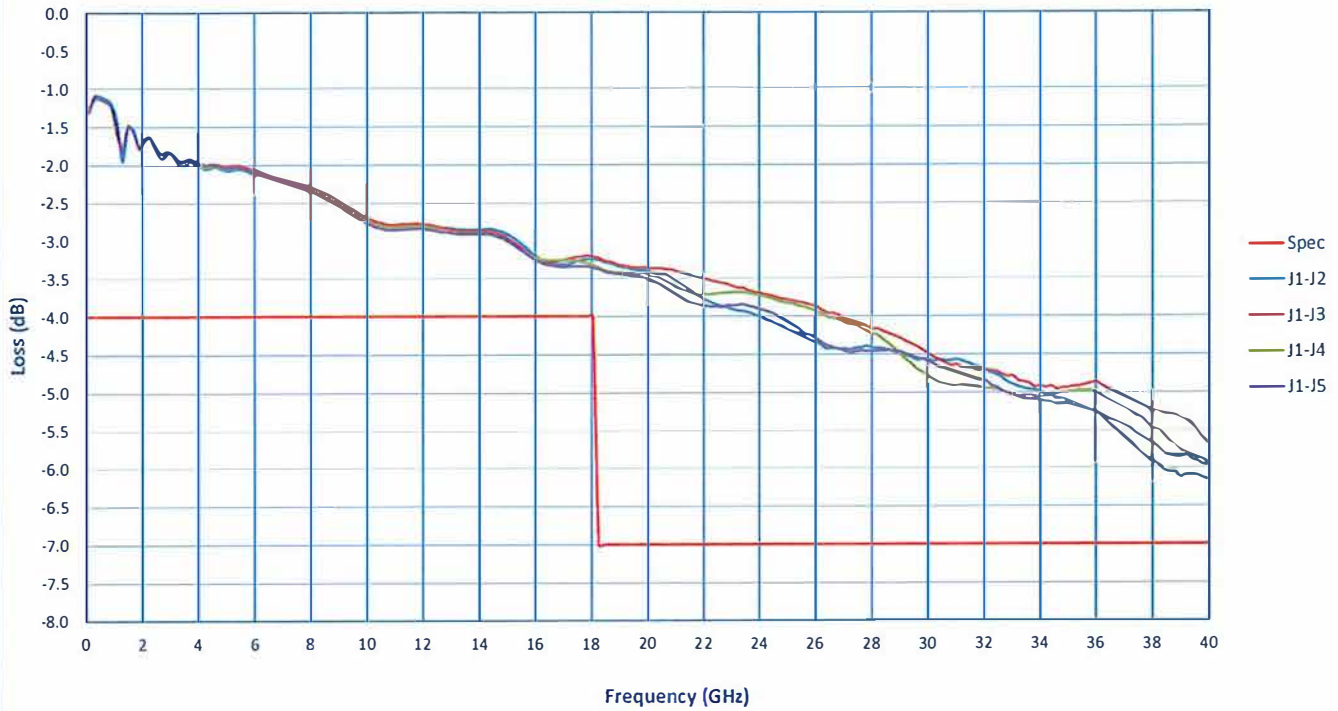
TEST ITEM NO.	PARAMETERS	SPECIFIED VALUE	TEST RESULTS	QA
			+25°C	QC
1	Frequency Range:	0.1 to 40 GHz	0.1 to 40 GHz	PMI QAA
2	Insertion Loss:	4.0 dB (0.1 to 18GHz) MAX	2.93 dB	
		7.0 dB (18 to 40GHz) MAX	6.15 dB	
			See Graphs	
3	VSWR Input/Output	2.0:1 (0.1 to 18GHz) MAX	1.66 :1	
		2.25:1 (18 to 40GHz) MAX	1.74 :1	
			See Graphs	
4	Isolation:	80 dB (0.1 to 1GHz) Min.	100.53 dB	
		90 dB (1 to 18GHz) Min.	97.16 dB	
		75 dB (18 to 40GHz) Min.	86.68 dB	
			See Graphs	
5	Switching Speed	50 ns Max.	Pass See Typical Characteristics	
6	Input Power:	+20 dBm CW Max.	Pass See Typical Characteristics	
7	Control Signal:	See TTL Logic Table	Pass	
8	DC Supply:	+5 VDC @ 200 mA Max. -5 VDC @ 200 mA Max.	+5 VDC @ 160 mA -5 VDC @ 131 mA	PMI QAA

QA/QC Approval: Cameron Kley

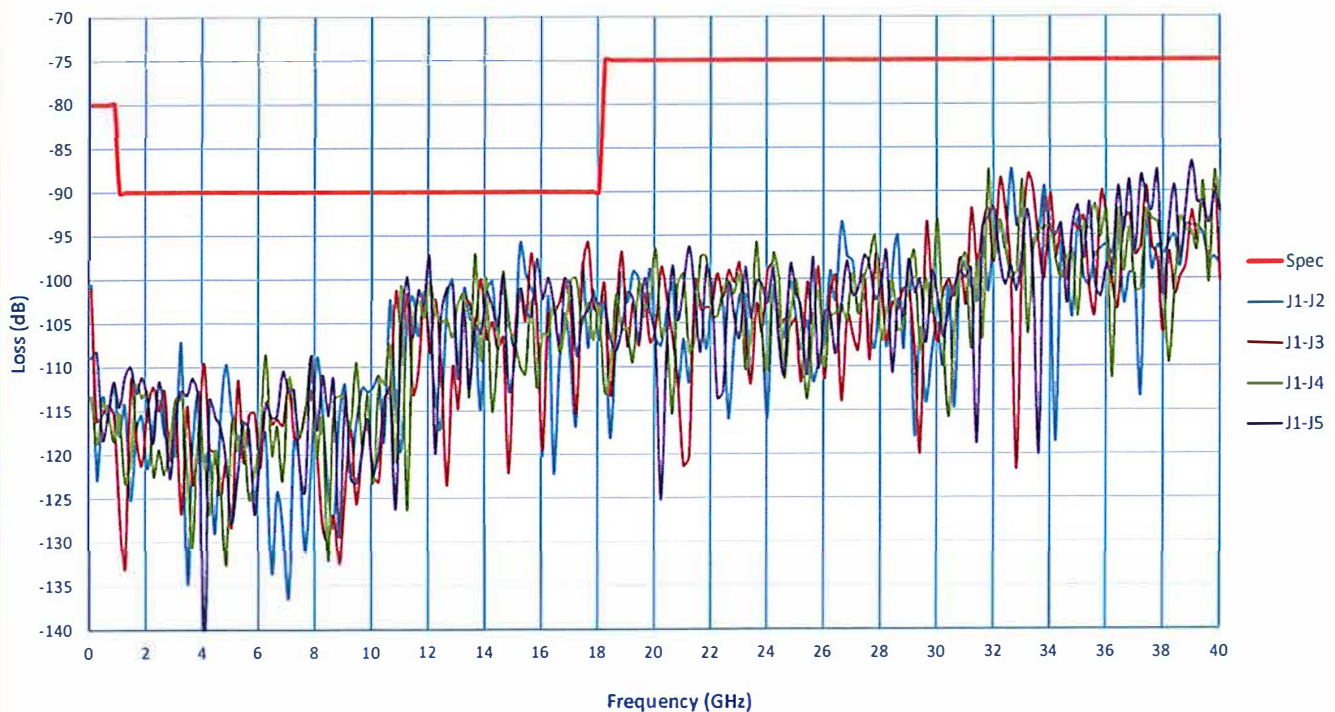
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Insertion Loss

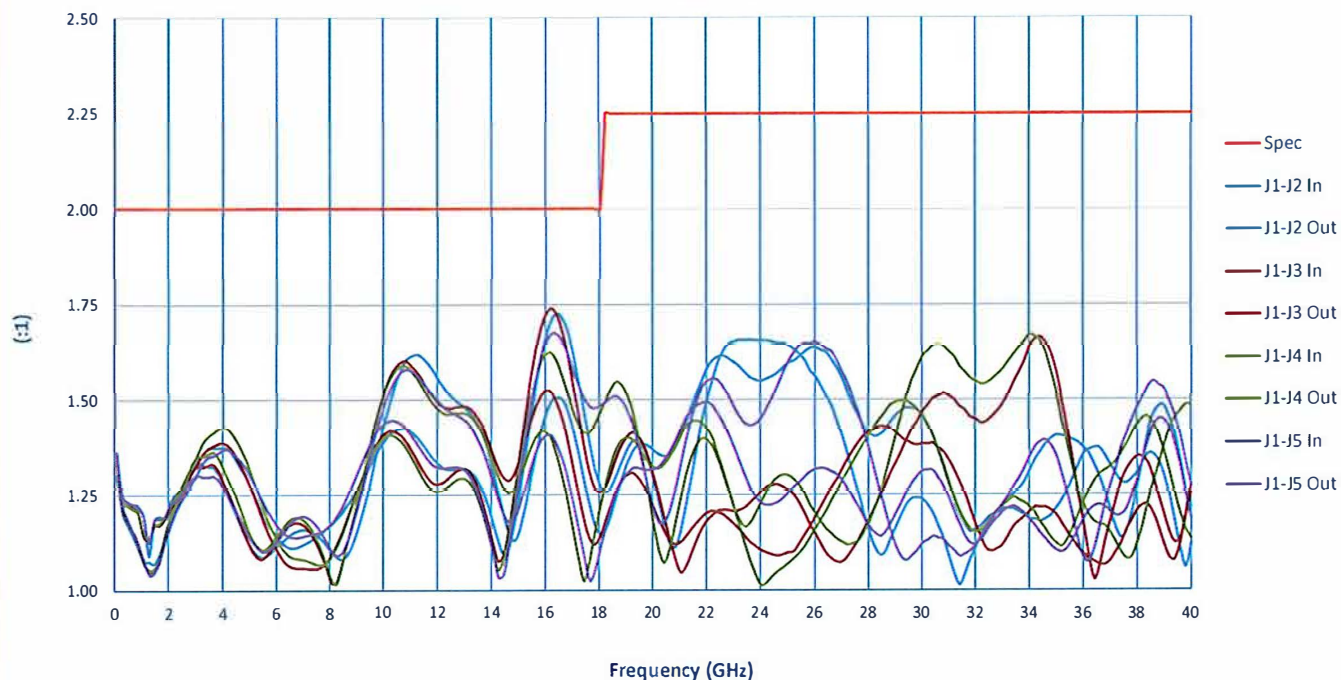


Isolation



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VSWR In/Out



VSWR Absortive Out/OFF

