Quantic PMI

SUMMARY TEST DATA
ON
P8T-100M50G-90-T-RD

Customer:
SO No:
Model No: P8T-100M50G-90-T-RD
Serial No: PL57675/2604

Tested By: A. Mousavi
Temperature: +25°C
Date: 9/24/2026
Drawing No: 27634420 REV: A2

TEST ITEM NO.	PARAMETERS	SPECIFIED VALUE	TEST RESULTS +25°C	QA QC
1	Frequency Range:	0.1 to 50 GHz	0.1 to 50 GHz	PMI QA6
2	Insertion Loss:	7.0 dB (0.1 to 18 GHz) MAX	5.46 dB	
		10.5 dB (18 to 40 GHz) MAX	10.25 dB	
		17.0 dB (40 to 50 GHz) MAX	16.75 dB	
			See Graphs	
3	Isolation:	70 dB (0.1 to 1 GHz) MIN	82.84 dB	
		60 dB (1 to 40 GHz) MIN	76.43 dB	
		50 dB (40 to 50 GHz) MIN	50.76 dB	
			See Graphs	
4	VSWR: In/Out	2.5:1 (0.1 to 18 GHz) MAX	2.3 :1	
		3.2:1 (18 to 40 GHz) MAX	3.07 :1	
		3.7:1 (40 to 50 GHz) MAX	3.55 :1	
			See Graphs	
5	Operating Input Power:	+20dBm CW Max.	Pass See Typical Characteristics	
6	Switching Speed	50ns Max.	Pass See Typical Characteristics	
7	DC Supply:	+5 VDC @ 400 mA Max. -5 VDC @ 300 mA Max.	+5 VDC @ 400 mA -5 VDC @ 153 mA	
8	Control Signal:	Logic Table		PMI QA6
		3 BIT Decoder		

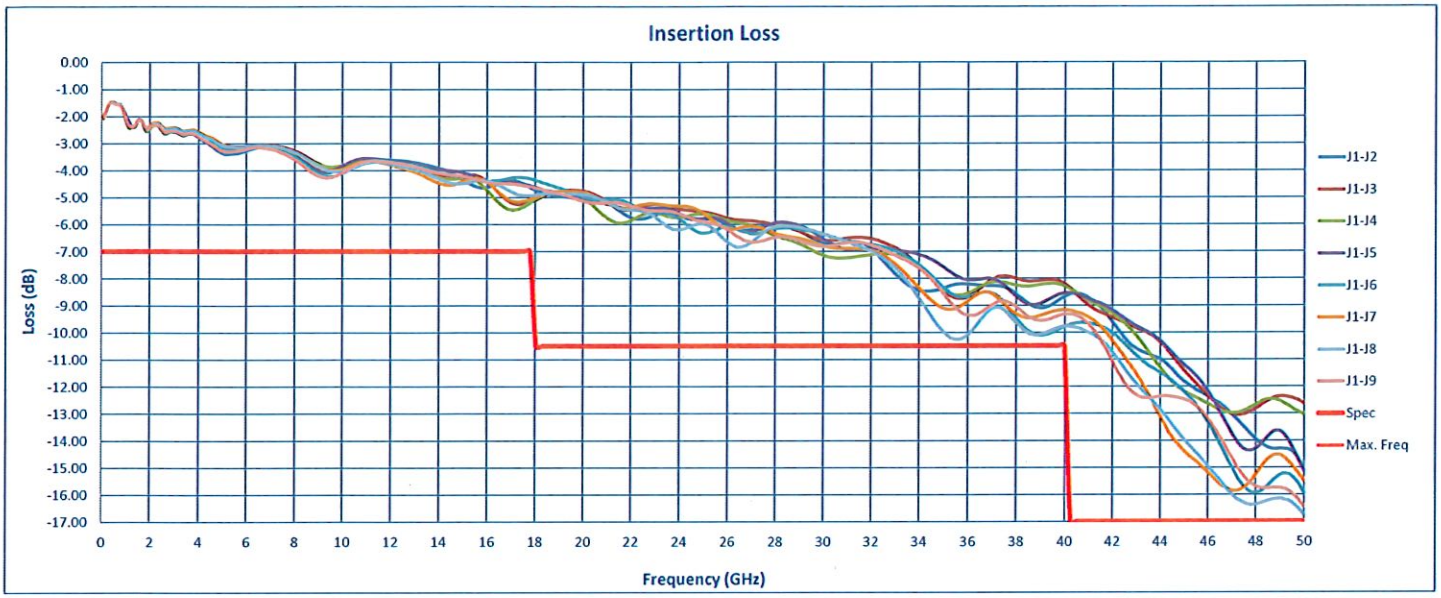
CTL3	CTL2	CTL1	Function
0	0	0	J1 to J2
0	0	1	J1 to J3
0	1	0	J1 to J4
0	1	1	J1 to J5
1	0	0	J1 to J6
1	0	1	J1 to J7
1	1	0	J1 to J8
1	1	1	J1 to J9

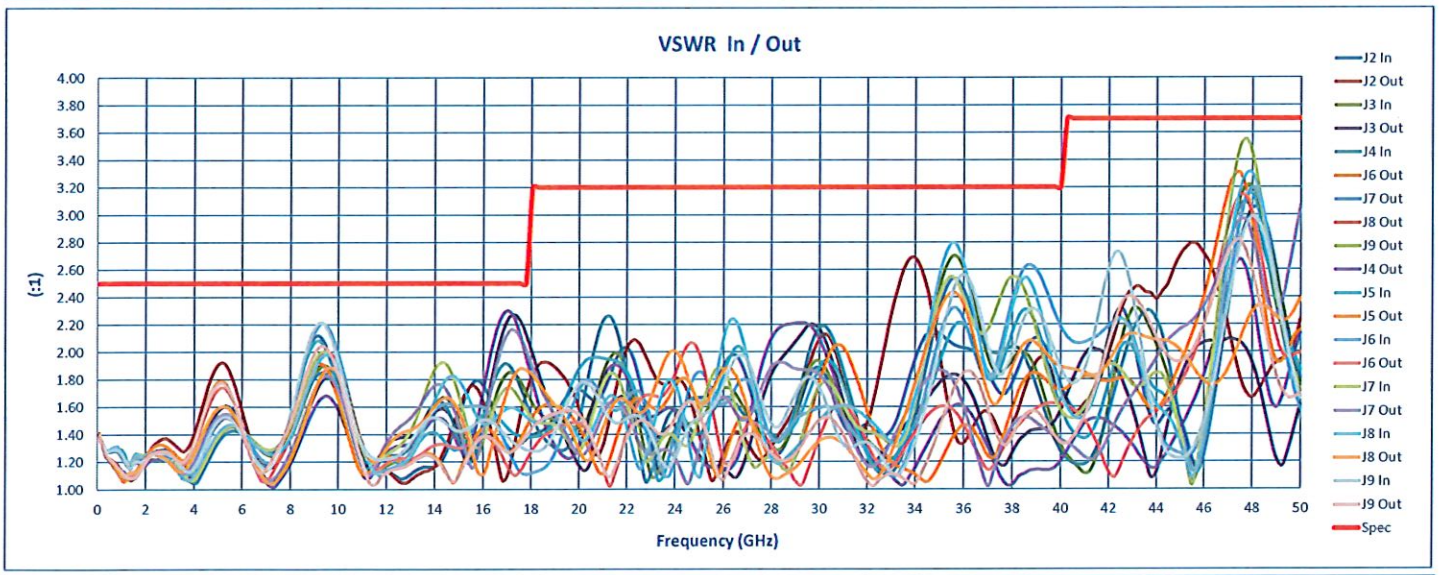
QA/QC Approval: Anthony Kacoly PMI QA6

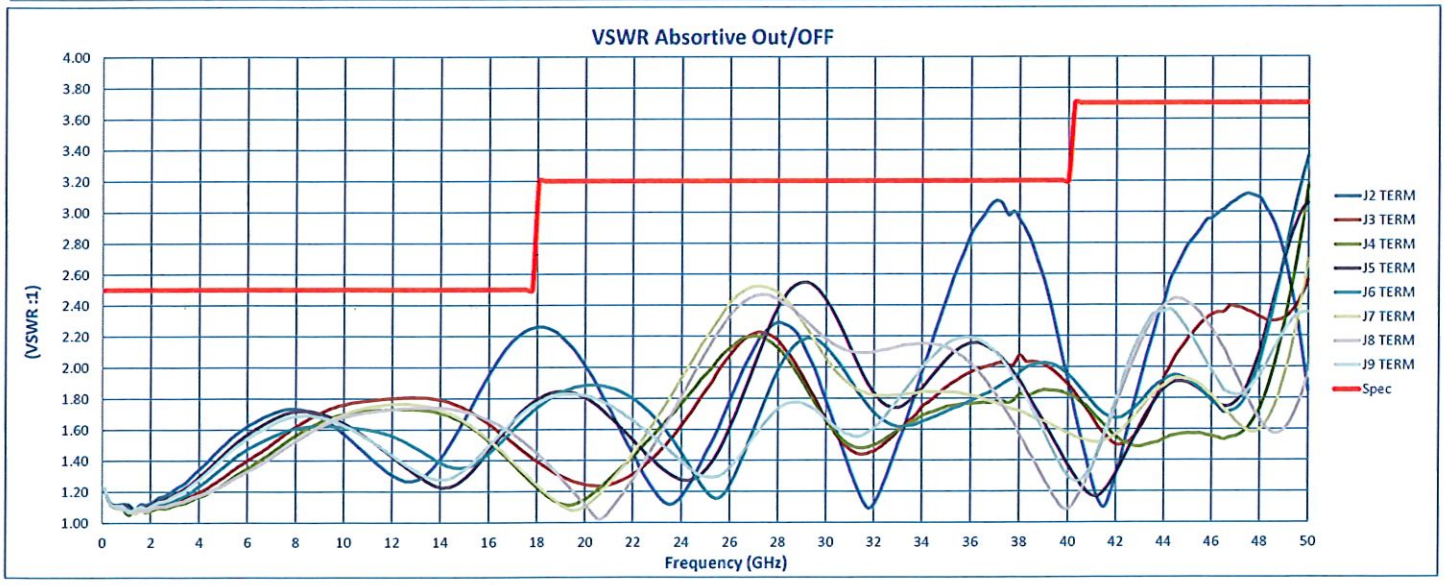
Date: 9/24/26

7309-A Grove Road Frederick, MD 21704 USA Phone: (301)662-5019 Fax: (301)662-1731
Email: sales@pmi-rf.com

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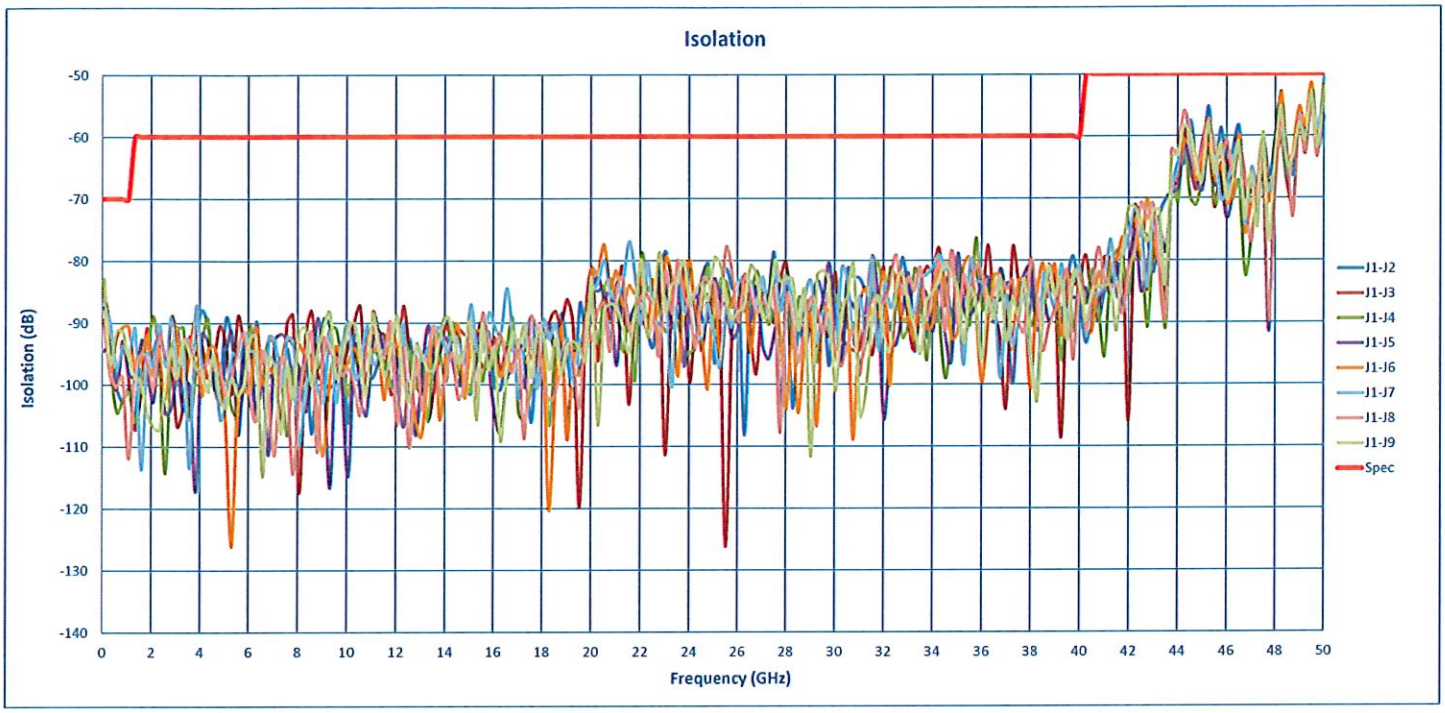






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