

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

Customer: _____
 SO No: _____
 Model No: P8T-100M50G-90-T-RD
 Serial No: PL57674/2604

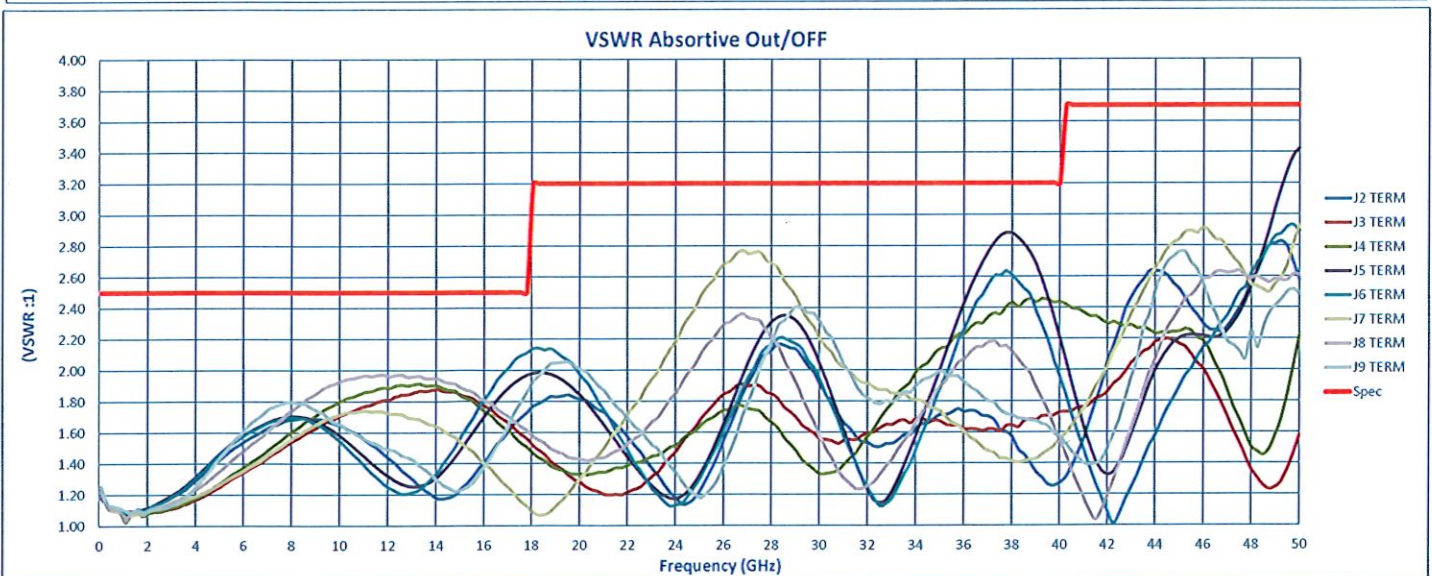
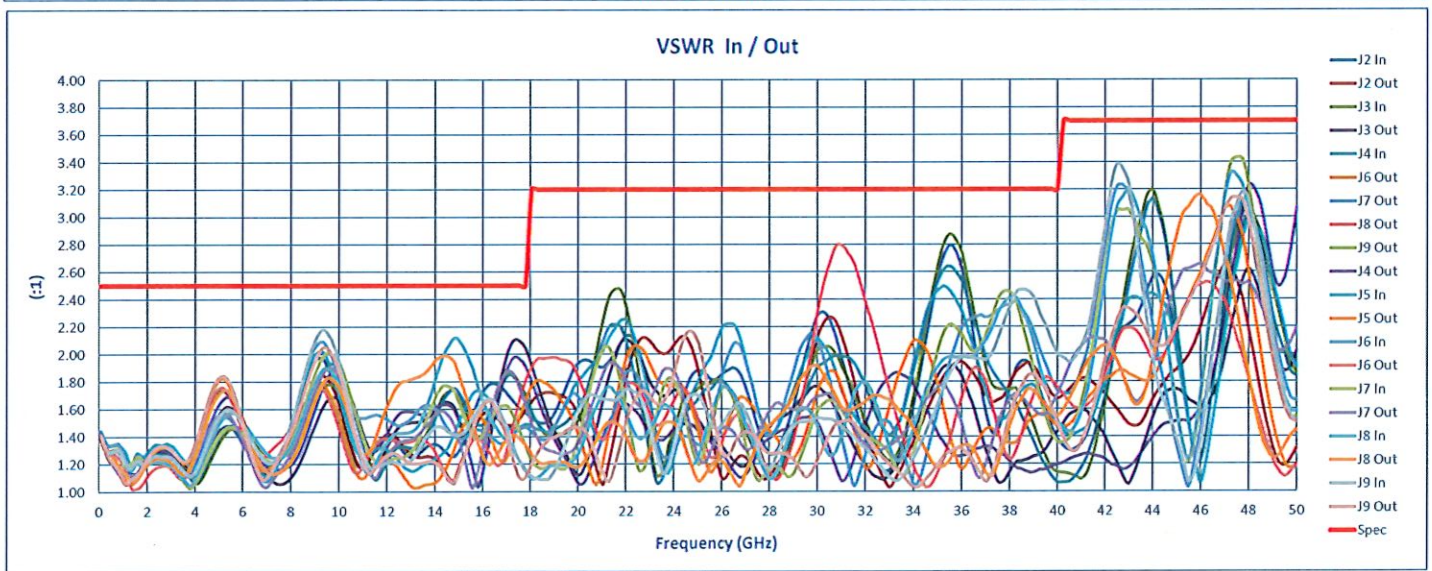
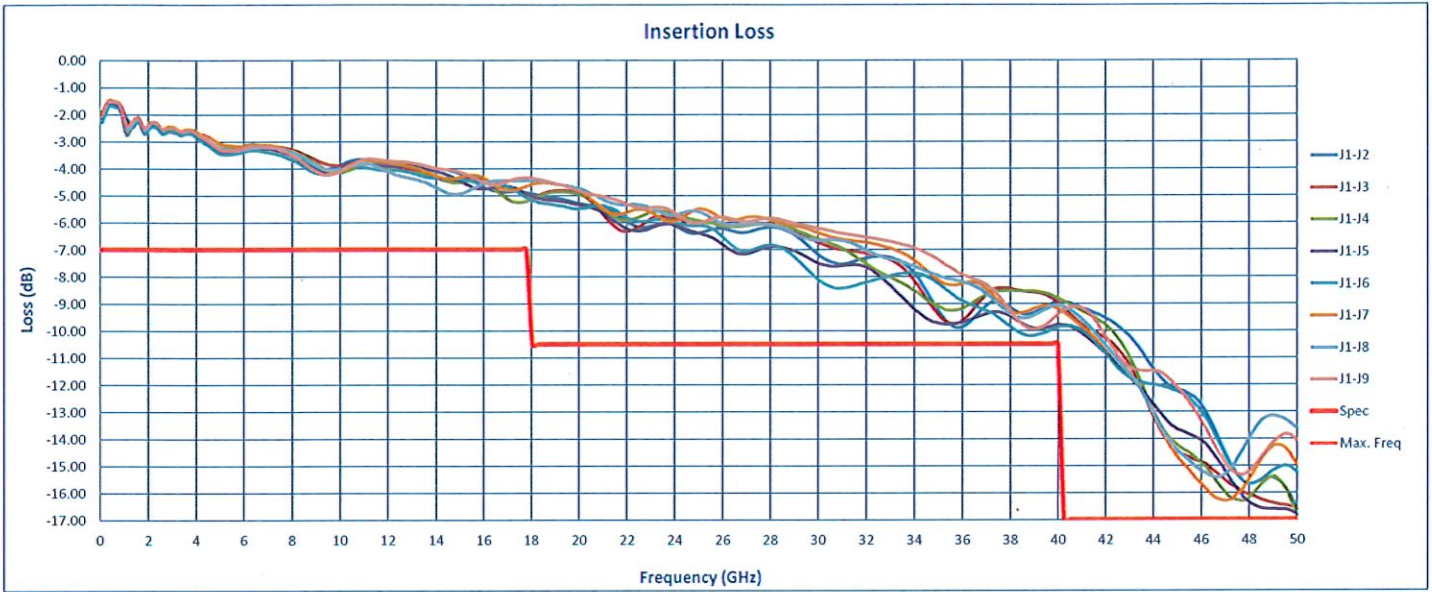
Tested By: W. Gonzalez
 Temperature: +25°C
 Date: 1/20/2026
 Drawing No: 27634420 REV: A2

TEST ITEM NO.	PARAMETERS	SPECIFIED VALUE	TEST RESULTS				QA QC
			+25°C				
1	Frequency Range:	0.1 to 50 GHz	0.1 to 50 GHz				PMI QA4
2	Insertion Loss:	7.0 dB (0.1 to 18 GHz) MAX	5.25 dB				
		10.5 dB (18 to 40 GHz) MAX	10.2 dB				
		17.0 dB (40 to 50 GHz) MAX	16.86 dB				
			See Graphs				
3	Isolation:	70 dB (0.1 to 1 GHz) MIN	80.15 dB				
		60 dB (1 to 40 GHz) MIN	76.21 dB				
		50 dB (40 to 50 GHz) MIN	50.75 dB				
			See Graphs				
4	VSWR: In/Out	2.5:1 (0.1 to 18 GHz) MAX	2.18 :1				
		3.2:1 (18 to 40 GHz) MAX	2.88 :1				
		3.7:1 (40 to 50 GHz) MAX	3.43 :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 @ 170 mA				
8	Control Signal:	Logic Table					PMI QA4
		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: *Carmen Kelly*

Date: 01/22/2026

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



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

