

**SUMMARY TEST DATA
ON
PS-85M4G-9B-SFF**

Customer: _____
Job No: _____
Model No: PS-85M4G-9B-SFF
Serial No: PL55981/2543

Tested By: K. Mansfield
Date: Wednesday, January 28, 2026
Temp: +25°C
Drawing No: 27629014 Rev: A1

Data Taken at -10 dBm Input Power

Test Item No.	Parameters	Specified Value	Measured Value	QA QC	
1	Frequency Range:	85 MHz to 4 GHz	85 MHz to 4 GHz	PMI QA2	
2	Insertion Loss:	13 dB Max.	8 dB See Plot		
3	VSWR:	1.75:1 Typ.	1.52:1		
4	Phase Shift:	360° Typ.	360°		
5	Amplitude Error:	±1.0 dB Typ.	±0.05 dB See Plot		
6	Phase Shift Error:	±10° dB Typ.	+0.1° -0.4° See Plot		
7	Switching Speed:	500 ns Max.	<300 ns See Typical Characteristics		
8	Power Supply:	+15 V @ 250 mA Typ. -15 V @ 20 mA Typ.	+15 V @ 183 mA -15 V @ 20 mA		PMI QA2

Programed Phase Shift	Phase Shift	Accuracy	Flatness
DEG	DEG	DEG	±DEG
0.703125	0.727298	-0.02	0.14
1.40625	1.43051	-0.02	0.17
2.8125	2.7579	0.05	0.24
5.625	5.567	0.06	0.49
11.25	11.23	0.02	0.94
22.50	22.47	0.03	1.56
45.00	45.09	-0.09	2.23
90.00	90.18	-0.18	8.99
180.00	180.33	-0.33	8.04
354.375	354.37	0.01	0.72

Programed Phase Shift	Phase Shift	Accuracy	Flatness
DEG	DEG	DEG	±DEG
33.75	33.80	-0.05	1.55
67.50	67.65	-0.15	5.70
101.25	101.47	-0.22	9.71
135.00	135.23	-0.23	9.56
168.75	169.08	-0.33	8.28
202.50	202.87	-0.37	7.90
236.25	236.49	-0.24	9.57
270.00	270.19	-0.19	10.77
303.75	303.88	-0.13	6.84
337.50	337.57	-0.07	2.57

QA/QC Approval:  _____

PMI
QA2

Date: 2/18/2026



