

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

Customer: \_\_\_\_\_  
Job No: \_\_\_\_\_  
Model No: PS-85M4G-9B-SFF  
Serial No: PL55979/2543

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.	1.5:1		
4	Phase Shift:	360° Typ.	360°		
5	Amplitude Error:	±1.0 dB Typ.	±0.07 dB See Plot		
6	Phase Shift Error:	±10° dB Typ.	+0° -0.9° 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 @ 19 mA		PMI QA2

Programed Phase Shift	Phase Shift	Accuracy	Flatness
DEG	DEG	DEG	±DEG
0.703125	0.687687	0.02	0.13
1.40625	1.42990	-0.02	0.16
2.8125	2.8276	-0.02	0.30
5.625	5.627	0.00	0.53
11.25	11.28	-0.03	0.92
22.50	22.59	-0.09	1.19
45.00	45.26	-0.26	3.00
90.00	90.60	-0.60	10.49
180.00	180.85	-0.85	8.24
354.375	354.39	-0.02	0.72

Programed Phase Shift	Phase Shift	Accuracy	Flatness
DEG	DEG	DEG	±DEG
33.75	33.96	-0.21	1.90
67.50	67.90	-0.40	7.18
101.25	101.95	-0.70	11.35
135.00	135.74	-0.74	11.33
168.75	169.57	-0.82	8.70
202.50	203.31	-0.81	7.99
236.25	236.83	-0.58	9.24
270.00	270.39	-0.39	9.97
303.75	304.10	-0.35	6.83
337.50	337.59	-0.09	2.68

QA/QC Approval: 

PMI  
QA2

Date: 2/18/2026



