

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

Customer: _____
Job No: _____
Model No: PS-85M4G-9B-SFF
Serial No: PL55980/2543

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	PMI QA2
3	VSWR:	1.75:1 Typ.	1.49:1	
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.	+0.1° -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 @ 184 mA -15 V @ 19 mA	

Programed Phase Shift	Phase Shift	Accuracy	Flatness
DEG	DEG	DEG	±DEG
0.703125	0.701006	0.00	0.11
1.40625	1.40274	0.00	0.13
2.8125	2.8452	-0.03	0.16
5.625	5.665	-0.04	0.26
11.25	11.24	0.01	0.46
22.50	22.47	0.03	0.85
45.00	45.05	-0.05	2.19
90.00	90.61	-0.61	5.43
180.00	180.80	-0.80	9.25
354.375	354.42	-0.05	0.31

Programed Phase Shift	Phase Shift	Accuracy	Flatness
DEG	DEG	DEG	±DEG
33.75	33.71	0.04	1.49
67.50	67.78	-0.28	3.83
101.25	101.96	-0.71	6.09
135.00	135.72	-0.72	7.99
168.75	169.44	-0.69	8.94
202.50	203.33	-0.83	9.34
236.25	237.10	-0.85	8.43
270.00	270.77	-0.77	6.19
303.75	304.37	-0.62	3.31
337.50	337.72	-0.22	1.08

QA/QC Approval: 

PMI
QA2

Date: 2/18/2026



