



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

Customer: _____
 SO: _____
 Model No: PS-85M4G-9B-SFF
 Serial No: PL59641/2619

Tested By: E. Castillo
 Date: Tuesday, May 5, 2026
 Temp: +25°C
 Drawing No: 27629014 Rev: C1

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 QA6
2	Control:	9 Bit TTL	9 Bit TTL	
3	Insertion Loss:	13 dB MAX.	10.5 dB See Plot	
4	Phase Shift:	360° TYP.	359.08°	
5	Amplitude Error:	±1° TYP.	±0.79° MAX. See Plot	
6	Phase Shift Error:	±10° TYP.	±4.35° MAX. See Plot	
7	Power Supply:	+15 V @ 250 mA MAX -15 V @ 50 mA MAX	+15 V @ 184 mA -15 V @ 42 mA	

* FOR ALL OTHER SPECIFICATIONS SEE TYPICAL CHARACTERISTICS ON THE PMI WEBSITE

Programed Phase Shift	Average Phase Shift	Average Signed Phase Error	Flatness
DEG	DEG	DEG	DEG
0.70	0.69	0.01	0.48
1.41	1.44	-0.03	0.71
2.81	2.80	0.01	0.75
5.63	5.44	0.19	0.90
11.25	11.20	0.05	1.21
22.50	22.29	0.21	1.17
45.00	44.97	0.03	2.77
90.00	89.93	0.07	1.28
180.00	179.71	0.29	2.32

Programed Phase Shift	Average Phase Shift	Average Signed Phase Error	Flatness
DEG	DEG	DEG	DEG
33.75	33.43	0.32	2.65
67.50	67.44	0.06	5.67
101.25	101.60	-0.35	2.98
135.00	135.11	-0.11	4.00
168.75	168.43	0.32	5.47
202.50	202.02	0.48	5.71
236.25	235.25	1.00	7.81
270.00	269.21	0.79	4.08
303.75	303.25	0.50	2.98
337.50	336.94	0.56	4.97

QA/QC Approval: Anthony Kowaly PMI QA6

Date: 5/14/26















