



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

Customer: \_\_\_\_\_  
 SO: \_\_\_\_\_  
 Model No: PS-85M4G-9B-SFF  
 Serial No: PL59520/2618

Tested By: E. Castillo  
 Date: Wednesday, April 29, 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 QA5	
2	Control:	9 Bit TTL	9 Bit TTL		
3	Insertion Loss:	13 dB MAX.	10.43 dB See Plot		
4	Phase Shift:	360° TYP.	359.33°		
5	Amplitude Error:	±1° TYP.	±0.8° MAX. See Plot		
6	Phase Shift Error:	±10° TYP.	±3.19° MAX. See Plot		
7	Power Supply:	+15 V @ 250 mA MAX -15 V @ 50 mA MAX	+15 V @ 182 mA -15 V @ 48 mA		PMI QA5

\* 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	0.71	-0.01	0.33
1.41	1.43	-0.02	0.41
2.81	2.86	-0.05	0.61
5.63	5.70	-0.08	0.84
11.25	11.17	0.08	1.08
22.50	22.28	0.22	1.07
45.00	45.13	-0.13	2.57
90.00	90.21	-0.21	2.24
180.00	179.75	0.25	2.63

Programed Phase Shift	Average Phase Shift	Average Signed Phase Error	Flatness
DEG	DEG	DEG	DEG
33.75	33.82	-0.07	2.50
67.50	68.15	-0.65	5.63
101.25	101.50	-0.25	3.39
135.00	135.43	-0.43	3.87
168.75	169.09	-0.34	5.36
202.50	201.85	0.65	5.08
236.25	235.81	0.44	7.51
270.00	269.50	0.50	4.13
303.75	303.37	0.38	3.10
337.50	337.59	-0.09	5.06

QA/QC Approval: *Jordan Rynd*

Date: 4.30.26















