



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

Customer: _____
 SO: _____
 Model No: PS-85M4G-9B-SFF
 Serial No: PL59522/2618

Tested By: E. Castillo
 Date: 04/29/2026
 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 QAS
2	Control:	9 Bit TTL	9 Bit TTL	
3	Insertion Loss:	13 dB MAX.	6.61 dB See Plot	
4	Phase Shift:	360° TYP.	359.21°	
5	Amplitude Error:	±1° TYP.	±1° MAX. See Plot	
6	Phase Shift Error:	±10° TYP.	±5.62° MAX. See Plot	
7	Power Supply:	+15 V @ 250 mA MAX -15 V @ 50 mA MAX	+15 V @ 182 mA -15 V @ 48 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	0.75	-0.05	0.35
1.41	1.30	0.11	0.39
2.81	2.49	0.32	0.55
5.63	5.44	0.19	0.81
11.25	10.60	0.65	1.21
22.50	21.72	0.78	1.81
45.00	44.76	0.24	0.93
90.00	89.79	0.21	1.60
180.00	179.53	0.47	3.06

Programed Phase Shift	Average Phase Shift	Average Signed Phase Error	Flatness
DEG	DEG	DEG	DEG
33.75	33.27	0.48	3.03
67.50	67.58	-0.08	2.14
101.25	101.34	-0.09	3.26
135.00	135.21	-0.21	6.10
168.75	168.77	-0.02	5.10
202.50	201.99	0.51	6.30
236.25	235.55	0.70	4.98
270.00	269.15	0.85	4.44
303.75	303.12	0.63	3.24
337.50	337.30	0.20	4.75

QA/QC Approval: *Jordan Boyd*

Date: 4.30.26















