



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

Customer: _____
 SO: _____
 Model No: **PS-85M4G-9B-SFF**
 Serial No: **PL59524/2618**

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 QA6
2	Control:	9 Bit TTL	9 Bit TTL	
3	Insertion Loss:	13 dB MAX.	9.67 dB See Plot	
4	Phase Shift:	360° TYP.	359.25°	
5	Amplitude Error:	±1° TYP.	±0.76° MAX. See Plot	
6	Phase Shift Error:	±10° TYP.	±3.52° 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	0.74	-0.04	0.42
1.41	1.27	0.14	0.41
2.81	2.43	0.38	0.50
5.63	5.33	0.30	0.64
11.25	10.92	0.33	0.89
22.50	21.89	0.61	1.29
45.00	44.55	0.45	2.73
90.00	89.99	0.01	1.95
180.00	180.26	-0.26	2.38

Programed Phase Shift	Average Phase Shift	Average Signed Phase Error	Flatness
DEG	DEG	DEG	DEG
33.75	33.24	0.51	3.23
67.50	67.63	-0.13	5.27
101.25	101.26	-0.01	2.80
135.00	135.62	-0.62	4.23
168.75	169.29	-0.54	5.58
202.50	202.58	-0.08	4.81
236.25	236.30	-0.05	7.59
270.00	269.93	0.07	4.08
303.75	303.60	0.15	3.53
337.50	337.42	0.08	4.09

QA/QC Approval: Anthony Kardos PMI QA6

Date: 5/12/26















