



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

Customer: \_\_\_\_\_  
 SO: \_\_\_\_\_  
 Model No: PS-85M4G-9B-SFF  
 Serial No: PL59525/2618

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      PMI QA5
2	Control:	9 Bit TTL	9 Bit TTL	
3	Insertion Loss:	13 dB MAX.	9.61 dB See Plot	
4	Phase Shift:	360° TYP.	359.58°	
5	Amplitude Error:	±1° TYP.	±0.81° MAX. See Plot	
6	Phase Shift Error:	±10° TYP.	±4.05° 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	0.76	-0.06	0.40
1.41	1.30	0.11	0.40
2.81	2.48	0.33	0.46
5.63	5.41	0.22	0.62
11.25	10.68	0.57	0.97
22.50	21.95	0.55	1.48
45.00	44.50	0.50	2.08
90.00	89.78	0.22	1.23
180.00	179.26	0.74	2.54

Programed Phase Shift	Average Phase Shift	Average Signed Phase Error	Flatness
DEG	DEG	DEG	DEG
33.75	33.21	0.54	2.91
67.50	67.31	0.19	3.71
101.25	100.78	0.47	3.19
135.00	135.08	-0.08	4.90
168.75	168.76	-0.01	5.22
202.50	201.68	0.82	5.32
236.25	235.74	0.51	6.13
270.00	269.52	0.48	4.38
303.75	303.43	0.32	3.24
337.50	337.49	0.01	3.54

QA/QC Approval: \_\_\_\_\_

*Jordan Rynd*

Date: 4.30.26















