



SUMMARY TEST DATA ON PS-200M4G-12B-SFF

Customer: _____
 SO: _____
 Model No: PS-200M4G-12B-SFF
 Serial No: PL58705/2612

Tested By: A. Mousavi
 Date: Wednesday, March 18, 2026
 Temp: +25°C
 Drawing No: 27644180 Rev: B2

Data Taken at -10 dBm Input Power

Test Item No.	Parameters	Specified Value @+25°	Measured Value	QA QC
1	Frequency Range:	0.2 TO 4.0 GHz	0.2 TO 4.0 GHz	PMI QA6
2	Control:	12 Bit TTL	12 Bit TTL	
3	Insertion Loss:	10 dB MAX.	5.08 dB See Plot	
4	Phase Shift:	360°	359.76°	
5	Phase Shift Error:	±5° MAX.	±2.84° MAX. See Plot	
6	Power Supply:	+15 V @ 300 mA MAX. -15 V @ 50 mA MAX.	+15 V @ 180 mA -15 V @ 20 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
0.09	0.07	-0.02	0.14
0.17	0.14	-0.03	0.10
0.35	0.28	-0.07	0.09
0.70	0.54	-0.16	0.10
1.41	1.22	-0.19	0.16
2.81	2.83	0.02	0.23
5.63	5.67	0.04	0.38
11.25	11.20	-0.05	0.66
22.50	22.46	-0.04	0.80
45.00	44.64	-0.36	1.06
90.00	89.68	-0.32	0.56
180.00	179.72	-0.28	0.77

Programed Phase Shift	Average Phase Shift	Average Signed Phase Error	Flatness
DEG	DEG	DEG	DEG
33.75	33.44	-0.31	1.17
67.50	66.81	-0.69	3.07
101.25	101.28	0.03	1.55
135.00	134.63	-0.37	2.27
168.75	168.40	-0.35	1.83
202.50	202.62	0.12	2.09
236.25	235.63	-0.62	2.77
270.00	269.71	-0.29	1.50
303.75	303.45	-0.30	1.41
337.50	336.73	-0.77	2.84

PMI
QA6

QA/QC Approval: Anthony Kardes

Date: 3/19/26















