



**SUMMARY TEST DATA
ON
PS-200M4G-8B-SFF**

Customer: _____
 SO: _____
 Model No: PS-200M4G-8B-SFF
 Serial No: PL57864/2606

Tested By: A. Mousavi
 Date: Thursday, February 5, 2026
 Temp: +25°C
 Drawing No: 27630013 Rev: C1

Data Taken at -10 dBm Input Power

Test Item No.	Parameters	Specified Value @+25C°	Measured Value	QA QC
1	Frequency Range:	200 MHz TO 4 GHz	200 MHz TO 4 GHz	PMI QA4
2	Control:	8 BIT TTL	8 BIT TTL	
3	Insertion Loss:	10.5 dB TYP.	3.86 dB See Plot	
4	Phase Shift:	360°	359.75°	
5	Phase Shift Error:	±0.5° TYP.	±1.77° MAX. See Plot	
6	Switching Speed:	500 ns MAX.	See Typical Characteristics	
7	Power Supply:	+15 V @ 200 mA TYP. -15 V @ 50 mA TYP.	+15 V @ 190 mA -15 V @ 20 mA	

Programed Phase Shift	Average Phase Shift	Average Signed Phase Error	Flatness
DEG	DEG	DEG	DEG
1.41	1.30	0.11	0.04
2.81	2.56	0.25	0.04
5.63	5.55	0.08	0.07
11.25	11.10	0.15	0.13
22.50	22.24	0.26	0.25
45.00	44.77	0.23	0.46
90.00	89.86	0.14	0.63
180.00	179.80	0.20	0.94

Programed Phase Shift	Average Phase Shift	Average Signed Phase Error	Flatness
DEG	DEG	DEG	DEG
33.75	33.53	0.22	1.10
67.50	67.14	0.36	2.62
101.25	101.64	-0.39	1.21
135.00	135.21	-0.21	1.87
168.75	168.82	-0.07	1.23
202.50	202.51	-0.01	1.87
236.25	235.81	0.44	2.50
270.00	269.79	0.21	1.11
303.75	303.73	0.02	1.43
337.50	337.19	0.31	2.16

QA/QC Approval: *Carmering Kelly*

Date: 02/09/2026















