

**SUMMARY TEST DATA
ON
PS-200M2G-8B-SFF**

Customer: _____
Job No: _____
Model No: PS-200M2G-8B-SFF
Serial No: PL37087/2226

Tested By: K. Mansfield
Date: Monday, August 1, 2022
Temp: +25°C
Drawing No: 27629990 A1

Data Taken at -10 dBm Input Power

Test Item No.	Parameters	Specified Value	Measured Value	QA QC
1	Frequency Range:	200 MHz - 2 GHz	200 MHz - 2 GHz	PMI QA1
2	Insertion Loss:	10.5 dB Typ.	8.1 dB See Plot	
3	Control:	8 Bit TTL	Pass	
4	VSWR:	1.75:1 Typ.	1.92:1	
5	Phase Shift:	360° Typ.	360°	
6	Amplitude Error:	±1.0 dB Typ.	±0.04 dB See Plot	
7	Phase Accuracy:	±0.5° Typ.	+0.1° -0.11° See Plot	
8	Switching Speed:	500 ns Max.	<300 ns See Typical Characteristics	
9	DC Supply:	+15 VDC -15 VDC	+15 V @ 189 mA -15 V @ 26 mA	

Programed Phase Shift	Phase Shift	Accuracy	Flatness
DEG	DEG	DEG	±DEG
1.40625	1.41	-0.01	0.04
2.8125	2.81	0.00	0.07
5.625	5.64	-0.01	0.11
11.25	11.25	0.00	0.21
22.50	22.51	-0.01	0.36
45.00	45.02	-0.02	0.41
90.00	90.09	-0.09	1.34
180.00	180.04	-0.04	0.85
358.59375	358.57	0.02	0.05

Programed Phase Shift	Phase Shift	Accuracy	Flatness
DEG	DEG	DEG	±DEG
33.75	33.78	-0.03	0.39
67.50	67.56	-0.06	0.82
101.25	101.32	-0.07	1.59
135.00	135.09	-0.09	1.60
168.75	168.79	-0.04	1.06
202.50	202.50	0.00	0.75
236.25	236.25	0.00	0.80
270.00	269.93	0.07	1.42
303.75	303.68	0.07	1.67
337.50	337.46	0.04	0.66

QA/QC Approval: 

PMI QA1

Date: 8/1/22



