

**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: Wednesday, June 29, 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 QA 2	
2	Insertion Loss:	10.5 dB Typ.	7.9 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.	+0.04° -0.24° See Plot		
8	Switching Speed:	500 ns Max.	<300 ns See Typical Characteristics		
9	DC Supply:	+15 VDC -15 VDC	+15 V @ 190 mA -15 V @ 26 mA		PMI QA 2

Programed Phase Shift	Phase Shift	Accuracy	Flatness
DEG	DEG	DEG	±DEG
1.40625	1.41	0.00	0.05
2.8125	2.81	0.00	0.07
5.625	5.65	-0.02	0.11
11.25	11.26	-0.01	0.21
22.50	22.53	-0.03	0.37
45.00	45.03	-0.03	0.42
90.00	90.04	-0.04	1.35
180.00	180.13	-0.13	0.85
358.59375	358.59	0.01	0.05

Programed Phase Shift	Phase Shift	Accuracy	Flatness
DEG	DEG	DEG	±DEG
33.75	33.80	-0.05	0.41
67.50	67.53	-0.03	0.83
101.25	101.30	-0.05	1.60
135.00	135.17	-0.17	1.60
168.75	168.85	-0.10	1.07
202.50	202.68	-0.18	0.74
236.25	236.43	-0.18	0.80
270.00	270.11	-0.11	1.43
303.75	303.88	-0.13	1.70
337.50	337.52	-0.02	0.68

QA/QC Approval:  _____

PMI
QA 2

Date: 6/29/2022



