

**SUMMARY TEST DATA
ON
PS-2G6G-8B-SFF**

Customer: _____
Job No: _____
Model No: PS-2G6G-8B-SFF
Serial No: PL38888/2250

Tested By: K. Mansfield
Date: Tuesday, December 13, 2022
Temp: +25°C
Drawing No: 27622643 Rev: A1

Data Taken at -10 dBm Input Power

Test Item No.	Parameters	Specified Value	Measured Value	QA QC	
1	Frequency Range:	2.0 to 6.0 GHz	2.0 to 6.0 GHz	PMI QA2	
2	Control:	8 Bit TTL	Pass		
3	Insertion Loss:	10.5 dB Typ.	7.83 dB See Plot		
4	Phase Shift:	360° Typ.	360°		
5	Phase Accuracy:	±0.5° dB Typ.	+0.44° -1.17° See Plot		
6	Switching Speed:	500 ns Max.	See Typical Characteristics		
7	Power Supply:	+15 V -15 V	+15 V @ 184 mA -15 V @ 34 mA		PMI QA2

Programed Phase Shift	Phase Shift	Accuracy	Flatness
DEG	DEG	DEG	±DEG
1.40625	1.45	-0.04	0.13
2.8125	2.87	-0.06	0.21
5.625	5.72	-0.09	0.40
11.25	11.39	-0.14	0.81
22.5	22.66	-0.16	1.59
45	45.14	-0.14	3.00
90	90.51	-0.51	5.03
180	180.86	-0.86	5.22
358.59375	358.58	0.01	0.07

Programed Phase Shift	Phase Shift	Accuracy	Flatness
DEG	DEG	DEG	±DEG
33.75	33.85	-0.10	2.35
67.5	67.89	-0.39	4.21
101.25	101.79	-0.54	5.27
135	135.85	-0.85	5.29
168.75	169.84	-1.09	5.23
202.5	202.64	-0.14	5.06
236.25	236.22	0.03	4.25
270	270.29	-0.29	3.25
303.75	303.40	0.35	1.34
337.5	337.22	0.28	1.13

QA/QC Approval:  PMI QA2

Date: 12/14/2022

