

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

Customer: _____
Job No: _____
Model No: PS-2G6G-8B-SFF
Serial No: PL39031/2251

Tested By: K. Mansfield
Date: Friday, December 23, 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.	7.88 dB See Plot		
4	Phase Shift:	360° Typ.	360°		
5	Phase Accuracy:	±0.5° dB Typ.	+0.4° -1° See Plot		
6	Switching Speed:	500 ns Max.	See Typical Characteristics		
7	Power Supply:	+15 V -15 V	+15 V @ 189 mA -15 V @ 32 mA		PMI QA2

Programed Phase Shift	Phase Shift	Accuracy	Flatness
DEG	DEG	DEG	±DEG
1.40625	1.47	-0.06	0.10
2.8125	2.90	-0.09	0.18
5.625	5.70	-0.08	0.33
11.25	11.36	-0.11	0.67
22.5	22.57	-0.07	1.38
45	44.69	0.31	2.94
90	89.82	0.18	4.40
180	180.02	-0.02	2.34
358.59375	358.59	0.00	0.10

Programed Phase Shift	Phase Shift	Accuracy	Flatness
DEG	DEG	DEG	±DEG
33.75	33.67	0.08	2.13
67.5	67.13	0.37	4.33
101.25	101.11	0.14	3.97
135	134.60	0.40	2.21
168.75	168.68	0.07	2.22
202.5	202.65	-0.15	2.57
236.25	236.96	-0.71	3.44
270	270.97	-0.97	3.13
303.75	303.99	-0.24	1.96
337.5	337.30	0.20	1.03

QA/QC Approval: 

PMI
QA2

Date: 12/23/2022

