

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

Customer: _____
Job No: _____
Model No: PS-2G6G-8B-SFF
Serial No: PL38889/2250

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.	7.92 dB See Plot		
4	Phase Shift:	360° Typ.	360°		
5	Phase Accuracy:	±0.5° dB Typ.	+0.01° -1.37° See Plot		
6	Switching Speed:	500 ns Max.	See Typical Characteristics		
7	Power Supply:	+15 V -15 V	+15 V @ 189 mA -15 V @ 31 mA		PMI QA2

Programed Phase Shift	Phase Shift	Accuracy	Flatness
DEG	DEG	DEG	±DEG
1.40625	1.42	-0.01	0.08
2.8125	2.80	0.01	0.12
5.625	5.67	-0.05	0.22
11.25	11.37	-0.12	0.45
22.5	22.77	-0.27	1.10
45	45.33	-0.33	2.63
90	90.51	-0.51	5.32
180	181.30	-1.30	5.12
358.59375	358.72	-0.13	0.08

Programed Phase Shift	Phase Shift	Accuracy	Flatness
DEG	DEG	DEG	±DEG
33.75	34.07	-0.32	1.84
67.5	67.82	-0.32	4.15
101.25	102.03	-0.78	5.67
135	136.36	-1.36	5.67
168.75	169.92	-1.17	5.30
202.5	203.79	-1.29	4.88
236.25	236.95	-0.70	4.64
270	270.45	-0.45	4.10
303.75	304.27	-0.52	3.05
337.5	337.73	-0.23	0.97

QA/QC Approval: 

PMI
QA2

Date: 12/14/2022

