

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

Customer: _____
Job No: _____
Model No: PS-2G6G-8B-SFF
Serial No: PL38890/2250

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.	7.8 dB See Plot		
4	Phase Shift:	360° Typ.	360°		
5	Phase Accuracy:	±0.5° dB Typ.	+0.52° -1.17° See Plot		
6	Switching Speed:	500 ns Max.	See Typical Characteristics		
7	Power Supply:	+15 V -15 V	+15 V @ 189 mA -15 V @ 33 mA		PMI QA2

Programed Phase Shift	Phase Shift	Accuracy	Flatness
DEG	DEG	DEG	±DEG
1.40625	1.43	-0.02	0.11
2.8125	2.83	-0.02	0.18
5.625	5.66	-0.04	0.33
11.25	11.31	-0.06	0.67
22.5	22.52	-0.02	1.35
45	44.80	0.20	2.79
90	89.95	0.05	4.82
180	181.12	-1.12	4.72
358.59375	358.64	-0.05	0.07

Programed Phase Shift	Phase Shift	Accuracy	Flatness
DEG	DEG	DEG	±DEG
33.75	33.69	0.06	2.08
67.5	67.17	0.33	4.03
101.25	101.46	-0.21	5.03
135	135.61	-0.61	5.17
168.75	169.88	-1.13	4.82
202.5	203.20	-0.70	4.70
236.25	236.06	0.19	4.78
270	269.49	0.51	3.99
303.75	303.49	0.26	2.27
337.5	337.54	-0.04	0.68

QA/QC Approval: 

PMI
QA2

Date: 12/14/2022

