

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

Customer: _____

Tested By: K. Mansfield

Job No: _____

Date: Tuesday, December 13, 2022

Model No: PS-2G6G-8B-SFF

Temp: +25°C

Serial No: PL38887/2250

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.	7.82 dB See Plot		
4	Phase Shift:	360° Typ.	360°		
5	Phase Accuracy:	±0.5° dB Typ.	+0.02° -1.89° See Plot		
6	Switching Speed:	500 ns Max.	See Typical Characteristics		
7	Power Supply:	+15 V -15 V	+15 V @ 188 mA -15 V @ 31 mA		PMI QA2

Programed Phase Shift	Phase Shift	Accuracy	Flatness
DEG	DEG	DEG	±DEG
1.40625	1.42	-0.02	0.07
2.8125	2.84	-0.03	0.14
5.625	5.66	-0.04	0.21
11.25	11.36	-0.11	0.34
22.5	22.79	-0.29	0.48
45	45.64	-0.64	1.64
90	91.16	-1.16	4.37
180	181.61	-1.61	5.21
358.59375	358.61	-0.02	0.14

Programed Phase Shift	Phase Shift	Accuracy	Flatness
DEG	DEG	DEG	±DEG
33.75	34.22	-0.47	0.99
67.5	68.27	-0.77	3.03
101.25	102.68	-1.43	4.91
135	136.78	-1.78	5.50
168.75	170.20	-1.45	5.33
202.5	204.39	-1.89	5.08
236.25	237.65	-1.40	4.90
270	271.21	-1.21	5.06
303.75	304.87	-1.12	4.10
337.5	337.75	-0.25	1.64

QA/QC Approval:  PMI QA2

Date: 12/14/2022

