

**SUMMARY TEST DATA
ON
PS-360-16G22G-10B-SFF**

Customer: _____
SO: _____
Model No: PS-360-16G22G-10B-SFF
Serial No: PL44198/2405

Tested By: E. Kretz
Date: Tuesday, February 6, 2024
Temp: +25°C
Drawing No: 27646820 Rev: A1

Data Taken at -20 dBm Input Power

Test Item No.	Parameters	Specified Value	Measured Value	QA QC	
1	Frequency Range:	16.0 to 22.0 GHz	16.0 to 22.0 GHz	PMI QA4	
2	Insertion Loss:	11.5 dB Typ.	10.85 dB See Plot		
3	VSWR:	2.0:1 Max.	1.95 dB See Plot		
4	Phase Accuracy:	±3° Typ.	1°		
5	Switching Speed:	500 ns MAX.	See Typical Characteristics		
6	Operating Power:	+10 dBm CW Max.	See Typical Characteristics		
7	Survival Power:	+25 dBm CW Max.	See Typical Characteristics		
8	Control:	10 Bit TTL	Pass		
9	Power Supply:	+12V to +15 V @ 50 mA Max.	+15 V @ 42 mA		PMI QA4

Programed Phase Shift	Phase Shift	Accuracy	Flatness
DEG	DEG	DEG	±DEG
0.3515625	0.45	-0.09	0.28
0.703125	0.89	-0.19	0.35
1.40625	1.55	-0.15	0.39
2.8125	2.98	-0.17	0.43
5.625	5.78	-0.16	0.55
11.25	11.47	-0.22	0.85
22.5	22.73	-0.23	1.65
45	45.59	-0.59	3.46
90	90.32	-0.32	6.84
180	180.55	-0.55	14.12

Programed Phase Shift	Phase Shift	Accuracy	Flatness
DEG	DEG	DEG	±DEG
33.75	34.13	-0.38	2.55
67.5	68.03	-0.53	5.17
101.25	101.34	-0.09	6.84
135	134.36	0.64	9.71
168.75	167.88	0.87	12.72
202.5	202.38	0.12	16.54
236.25	235.79	0.46	19.12
270	269.82	0.18	21.29
303.75	303.56	0.19	24.19
337.5	336.99	0.51	27.91
359.648	360.32	-0.67	0.265

QA/QC Approval: *Cameron Kley* PMI QA4

Date: 2/6/24



