



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

Customer: _____
 SO: _____
 Model No: PS-360-16G22G-10B-SFF
 Serial No: PL44199/2405

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 PMI QA4
2	Insertion Loss:	11.5 dB Typ.	10.48 dB See Plot	
3	VSWR:	2.0:1 Max.	1.88 dB See Plot	
4	Phase Accuracy:	±3° Typ.	3.4°	
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 @ 41 mA	

Programed Phase Shift	Phase Shift	Accuracy	Flatness
DEG	DEG	DEG	±DEG
0.3515625	0.42	-0.07	0.28
0.703125	0.86	-0.16	0.27
1.40625	1.57	-0.16	0.27
2.8125	3.02	-0.21	0.34
5.625	5.93	-0.30	0.50
11.25	11.59	-0.34	0.85
22.5	23.26	-0.76	1.41
45	45.89	-0.89	2.72
90	90.67	-0.67	5.51
180	183.39	-3.39	13.35

Programed Phase Shift	Phase Shift	Accuracy	Flatness
DEG	DEG	DEG	±DEG
33.75	34.73	-0.98	2.02
67.5	68.35	-0.85	4.15
101.25	102.12	-0.87	5.51
135	136.51	-1.51	8.26
168.75	170.56	-1.81	11.80
202.5	205.33	-2.83	15.52
236.25	238.67	-2.42	18.01
270	272.12	-2.12	20.08
303.75	305.20	-1.45	22.92
337.5	338.71	-1.21	26.58
359.648	360.33	-0.69	0.269

QA/QC Approval: *Cameron Helms* PMI QA4

Date: 2/6/24



