

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

Customer: _____
SO: _____
Model No: PS-360-16G22G-10B-SFF
Serial No: PL44200/2405

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.	10.37 dB See Plot		
3	VSWR:	2.0:1 Max.	1.82 dB See Plot		
4	Phase Accuracy:	±3° Typ.	3.9°		
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 @ 43 mA		PMI QA4

Programed Phase Shift	Phase Shift	Accuracy	Flatness
DEG	DEG	DEG	±DEG
0.3515625	0.45	-0.10	0.22
0.703125	0.81	-0.10	0.24
1.40625	1.41	-0.01	0.33
2.8125	2.81	0.00	0.36
5.625	5.56	0.06	0.53
11.25	11.11	0.14	0.76
22.5	22.35	0.15	1.32
45	44.74	0.26	2.64
90	89.58	0.42	5.76
180	183.91	-3.91	13.18

Programed Phase Shift	Phase Shift	Accuracy	Flatness
DEG	DEG	DEG	±DEG
33.75	33.46	0.29	1.93
67.5	67.17	0.33	4.11
101.25	100.95	0.30	5.76
135	135.33	-0.33	9.01
168.75	169.76	-1.01	11.88
202.5	205.60	-3.10	15.13
236.25	238.66	-2.41	18.69
270	271.16	-1.16	21.86
303.75	303.11	0.64	25.30
337.5	336.00	1.50	28.93
359.648	360.31	-0.66	0.274

QA/QC Approval: Cameron Veleny PMI QA4

Date: 2/6/24



