

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

Customer: \_\_\_\_\_  
SO: \_\_\_\_\_  
Model No: PS-360-16G22G-10B-SFF  
Serial No: PL45492/2415

Tested By: E. Kretz  
Date: Friday, April 12, 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 QA2	
2	Insertion Loss:	11.5 dB Typ.	10.66 dB See Plot		
3	VSWR:	2.0:1 Max.	1.97 dB See Plot		
4	Phase Accuracy:	±3° Typ.	6.1°		
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 @ 37 mA		PMI QA2

Programed Phase Shift	Phase Shift	Accuracy	Flatness
DEG	DEG	DEG	±DEG
0.3515625	1.05	-0.70	0.55
0.703125	1.30	-0.60	0.49
1.40625	2.14	-0.73	0.47
2.8125	3.57	-0.76	0.66
5.625	6.48	-0.86	0.84
11.25	12.14	-0.89	1.07
22.5	23.52	-1.02	1.85
45	46.32	-1.32	3.54
90	90.94	-0.94	6.97
180	186.08	-6.08	14.74

Programed Phase Shift	Phase Shift	Accuracy	Flatness
DEG	DEG	DEG	±DEG
33.75	35.04	-1.29	2.71
67.5	68.64	-1.14	5.16
101.25	102.45	-1.20	6.97
135	136.95	-1.95	10.21
168.75	172.47	-3.72	13.41
202.5	208.17	-5.67	17.24
236.25	241.35	-5.10	20.89
270	273.80	-3.80	23.82
303.75	305.95	-2.20	26.72
337.5	339.02	-1.52	30.11
359.648	361.39	-1.74	32.219

QA/QC Approval: \_\_\_\_\_

PMI  
QA2

Date: 4/13/2024



