

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

Customer: \_\_\_\_\_  
SO: \_\_\_\_\_  
Model No: PS-360-16G22G-10B-SFF  
Serial No: PL45489/2415

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.	10.96 dB See Plot		
3	VSWR:	2.0:1 Max.	1.88 dB See Plot		
4	Phase Accuracy:	±3° Typ.	2°		
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 @ 39 mA		PMI QA2

Programed Phase Shift	Phase Shift	Accuracy	Flatness
DEG	DEG	DEG	±DEG
0.3515625	0.35	0.00	0.40
0.703125	0.63	0.08	0.46
1.40625	1.29	0.11	0.56
2.8125	2.75	0.06	0.62
5.625	5.35	0.28	0.78
11.25	10.83	0.42	1.15
22.5	22.26	0.24	1.53
45	45.10	-0.10	2.42
90	90.73	-0.73	5.10
180	182.02	-2.02	13.49

Programed Phase Shift	Phase Shift	Accuracy	Flatness
DEG	DEG	DEG	±DEG
33.75	33.75	0.00	1.95
67.5	68.01	-0.51	3.75
101.25	102.00	-0.75	5.10
135	135.86	-0.86	8.57
168.75	169.19	-0.44	11.88
202.5	203.92	-1.42	16.21
236.25	237.51	-1.26	20.69
270	271.30	-1.30	25.41
303.75	304.09	-0.34	29.96
337.5	337.26	0.24	34.23
359.648	359.30	0.35	36.669

QA/QC Approval:

PMI QA2

Date: 4/15/2024



