PLANAR MONOLITHICS

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

Customer: [redacted]
SO: [redacted]
Model No: PS-360-16G22G-10B-SFF
Serial No: PL62998/2642

Tested By: J. Fitzpatrick
Date: Monday, October 12, 2026
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 QA5
2	Insertion Loss:	11.5 dB Typ.	9.81 dB See Plot	
3	VSWR:	2.0:1 Max.	1.89 dB See Plot	
4	Phase Accuracy:	±5° Typ. ±7.5° Max. (@ 25°C & -20 dBm Input)	+3.5° -0.5° See Plot	
5	Switching Speed:	500 ns MAX.	See Typical Characteristics	
6	Operating Power:	-20 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	PMI QA5

Programed Phase Shift	Phase Shift	Accuracy	Flatness
DEG	DEG	DEG	±DEG
0.3515625	0.35	0.00	0.32
0.703125	0.63	0.07	0.32
1.40625	1.50	-0.10	0.31
2.8125	2.81	0.01	0.37
5.625	5.78	-0.15	0.53
11.25	11.48	-0.23	0.80
22.5	22.94	-0.44	1.46
45	45.41	-0.41	2.86
90	89.52	0.48	5.82
180	178.37	1.63	14.13

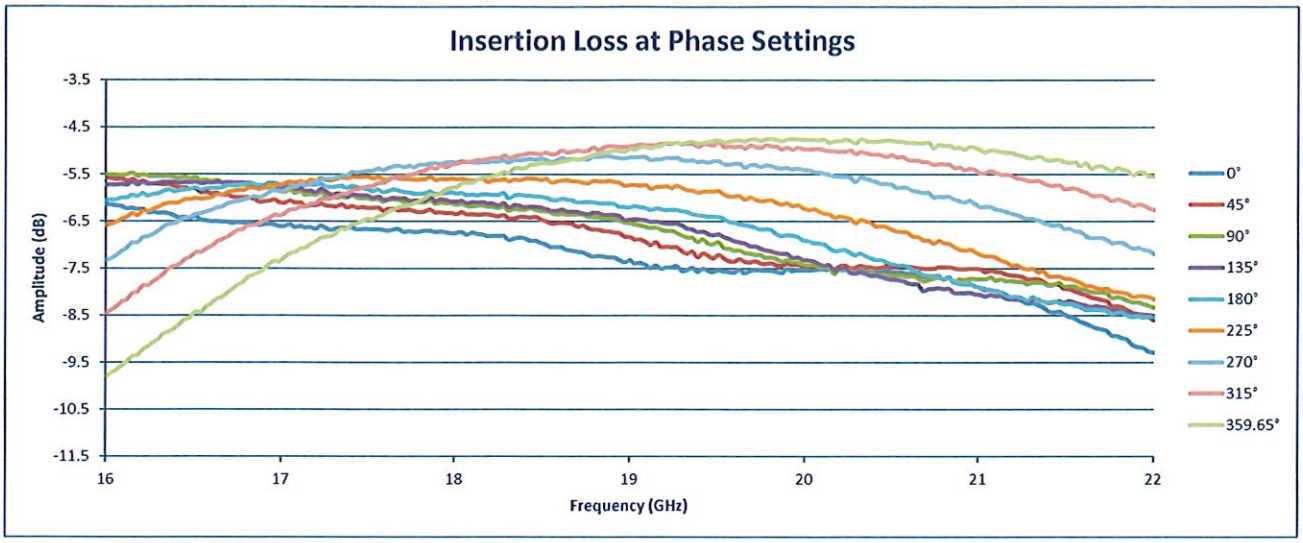
Programed Phase Shift	Phase Shift	Accuracy	Flatness
DEG	DEG	DEG	±DEG
33.75	34.22	-0.47	2.15
67.5	67.39	0.11	4.36
101.25	100.42	0.83	5.82
135	133.50	1.50	8.95
168.75	166.58	2.17	12.74
202.5	200.73	1.77	16.65
236.25	234.27	1.98	20.28
270	268.03	1.97	23.42
303.75	301.53	2.22	26.57
337.5	334.10	3.40	29.90
359.648	356.80	2.85	32.168

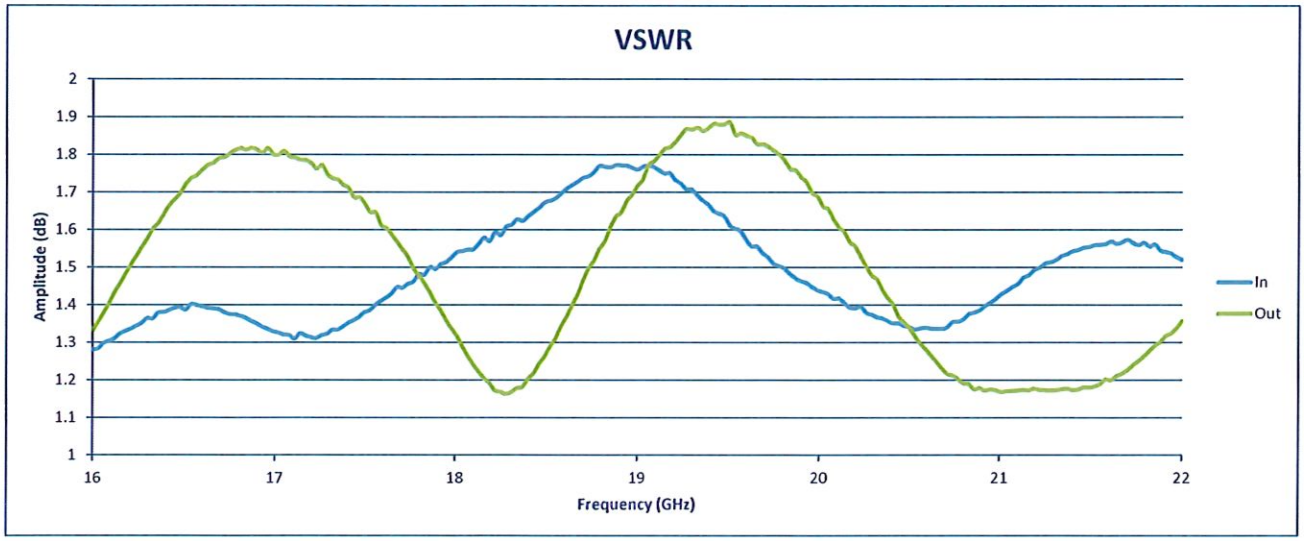
QA/QC Approval: [signature] Date: 10/13/26

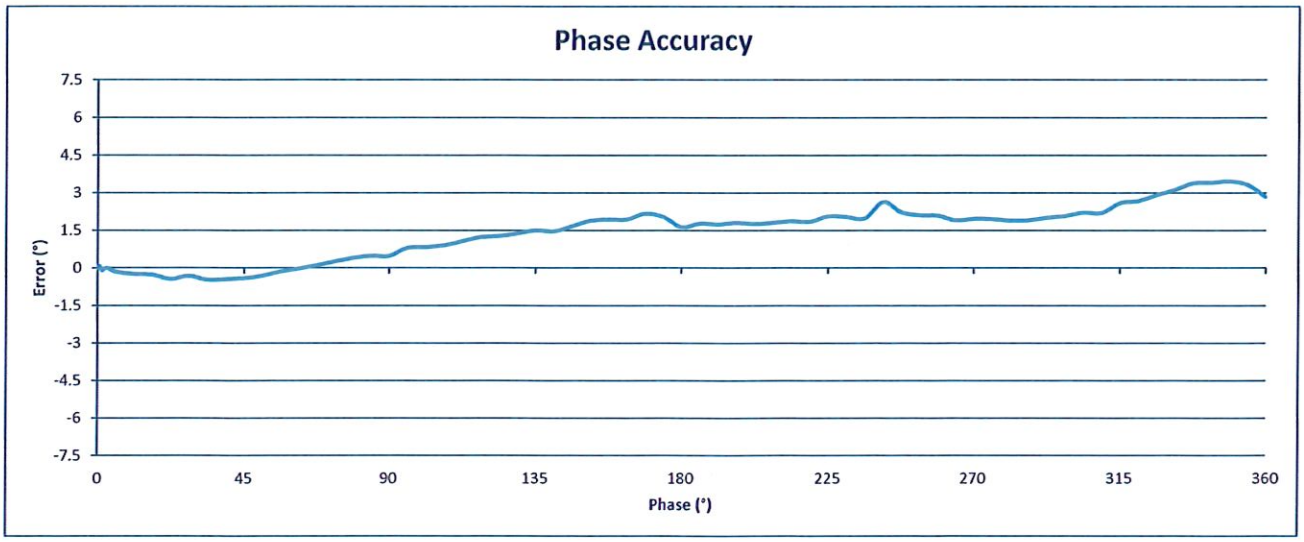
7309-A Grove Road Frederick, MD 21740 USA Phone: (301)662-5019 Fax: (301)662-1731
Email: sales@pml-rf.com

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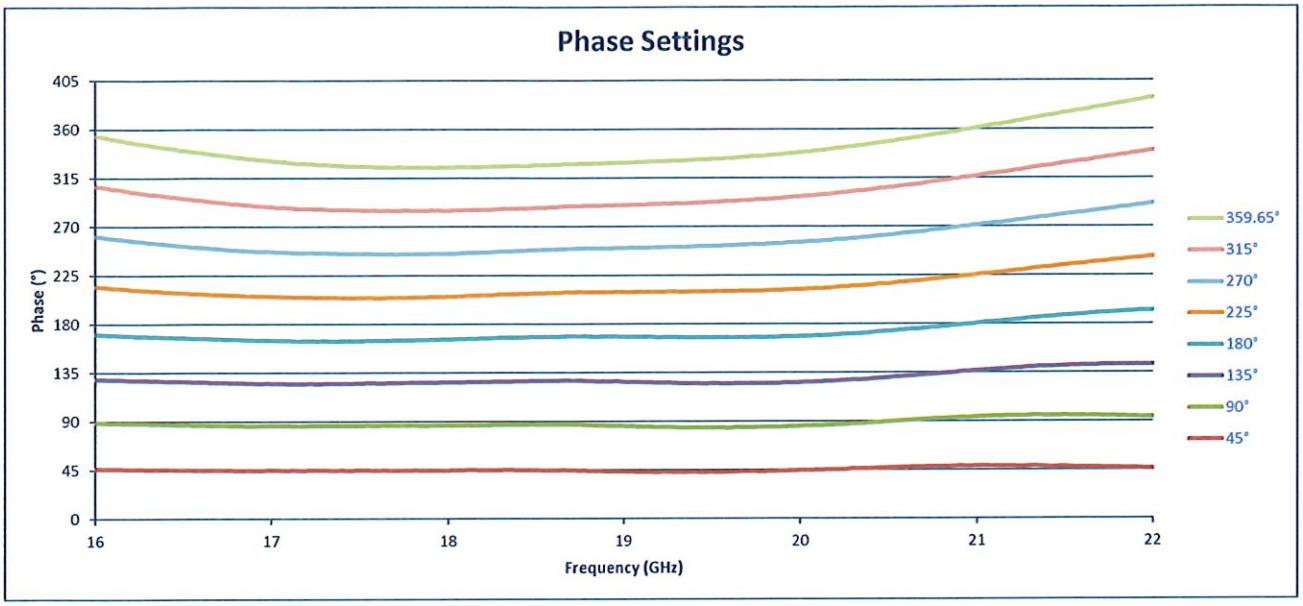


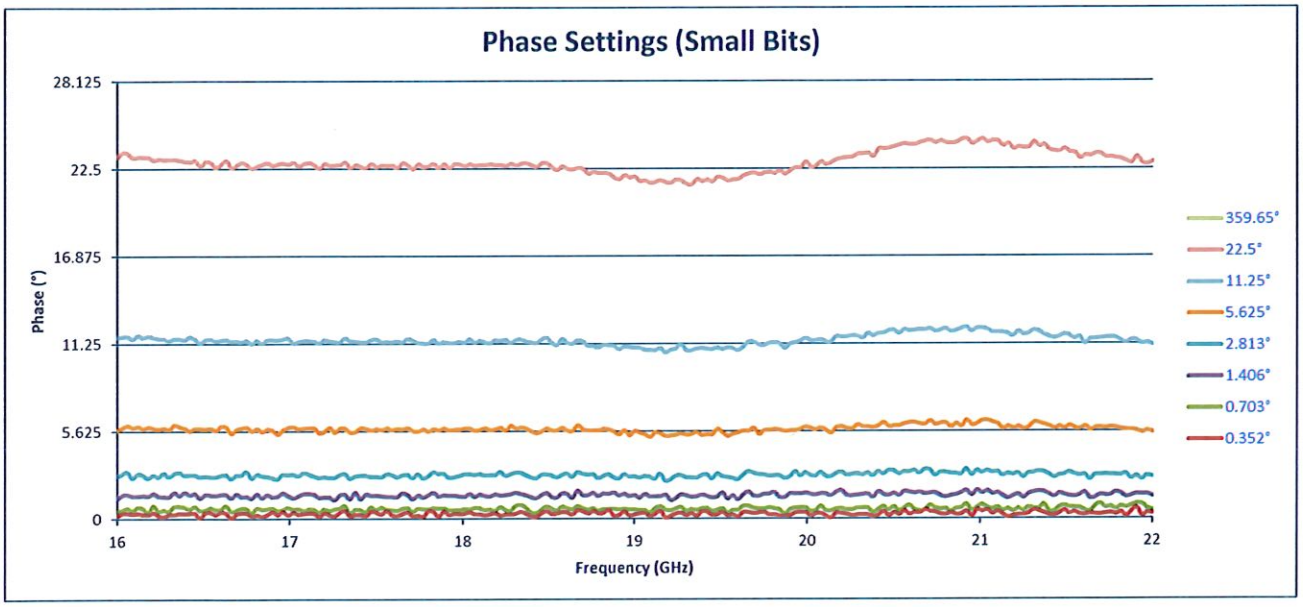


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