PMI
PLANAR MONOLITHICS

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

Customer:
SO:
Model No: PS-360-16G22G-10B-SFF
Serial No: PL62999/2642

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.	10.35 dB See Plot	
3	VSWR:	2.0:1 Max.	1.77 dB See Plot	
4	Phase Accuracy:	±5° Typ. ±7.5° Max. (@ 25°C & -20 dBm Input)	+3.4° -3.5° 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 @ 39 mA	PMI QA5

Programed Phase Shift	Phase Shift	Accuracy	Flatness
DEG	DEG	DEG	±DEG
0.3515625	0.35	0.00	0.33
0.703125	0.78	-0.08	0.43
1.40625	1.47	-0.07	0.43
2.8125	2.95	-0.14	0.51
5.625	5.98	-0.35	0.65
11.25	12.21	-0.96	0.84
22.5	24.09	-1.59	1.01
45	46.59	-1.59	1.78
90	90.54	-0.54	4.57
180	183.53	-3.53	14.09

Programed Phase Shift	Phase Shift	Accuracy	Flatness
DEG	DEG	DEG	±DEG
33.75	35.38	-1.63	1.26
67.5	68.38	-0.88	3.02
101.25	101.59	-0.34	4.57
135	135.65	-0.65	8.54
168.75	170.00	-1.25	12.49
202.5	205.06	-2.56	17.14
236.25	238.25	-2.00	21.40
270	271.06	-1.06	25.05
303.75	303.16	0.59	28.21
337.5	335.39	2.11	31.03
359.648	356.30	3.35	32.518

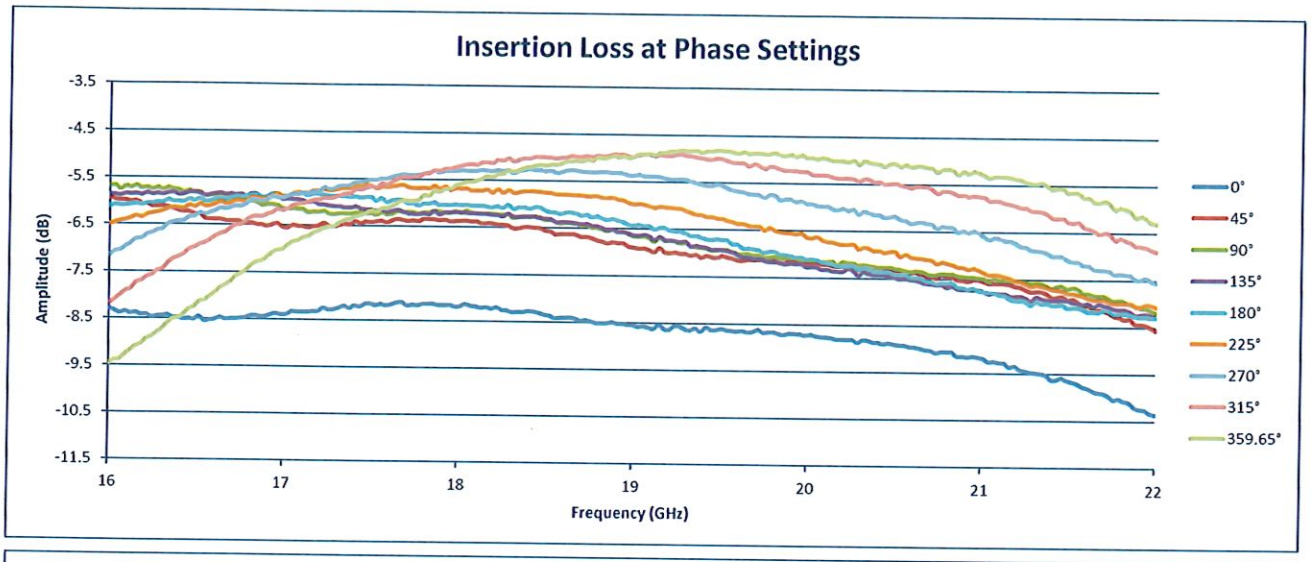
QA/QC Approval: [signature] Date: 10/13/26

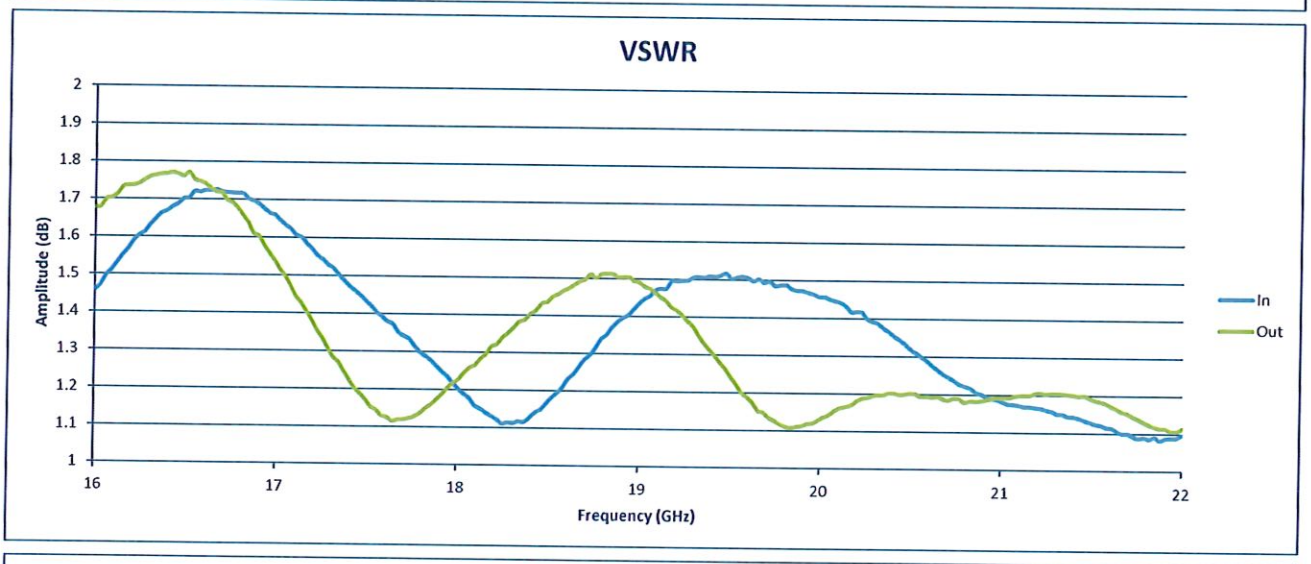
7309-A Grove Road Frederick, MD 21740 USA Phone: (301)662-5019 Fax: (301)662-1731
Email: sales@pml-rf.com

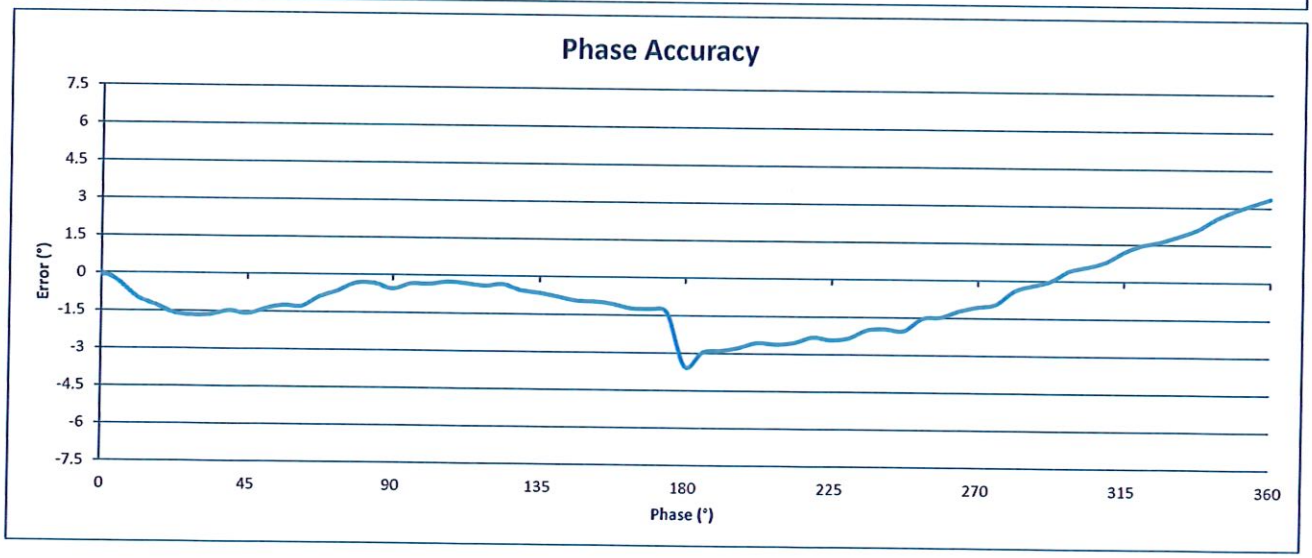
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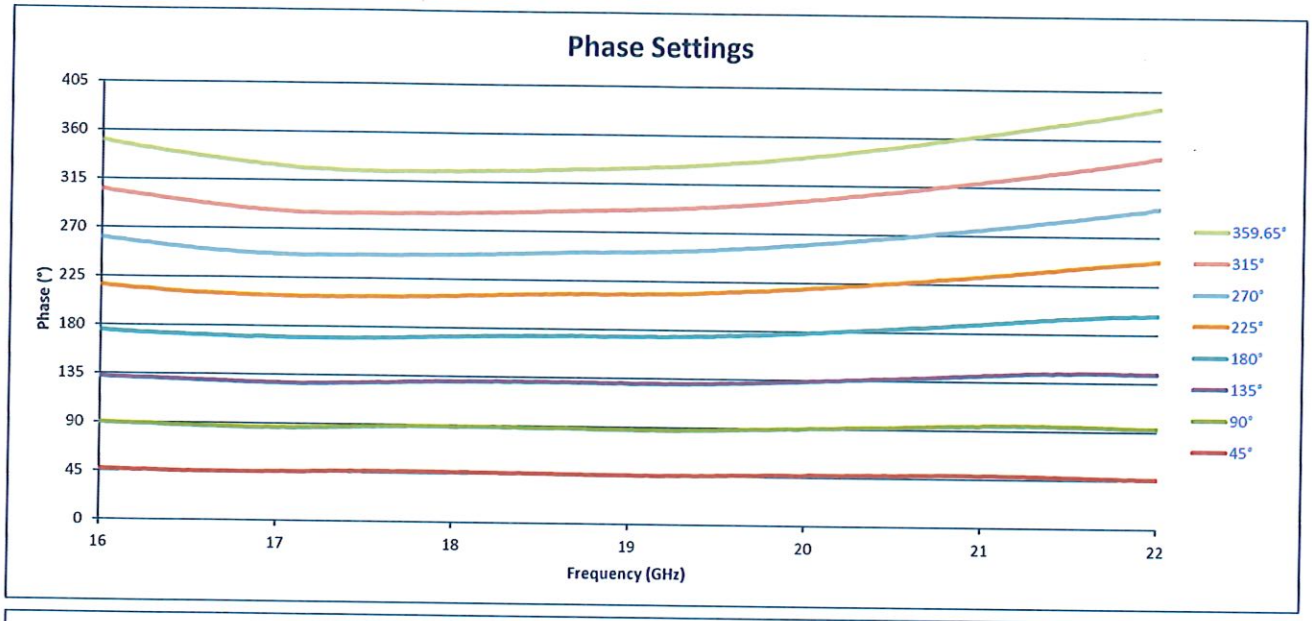


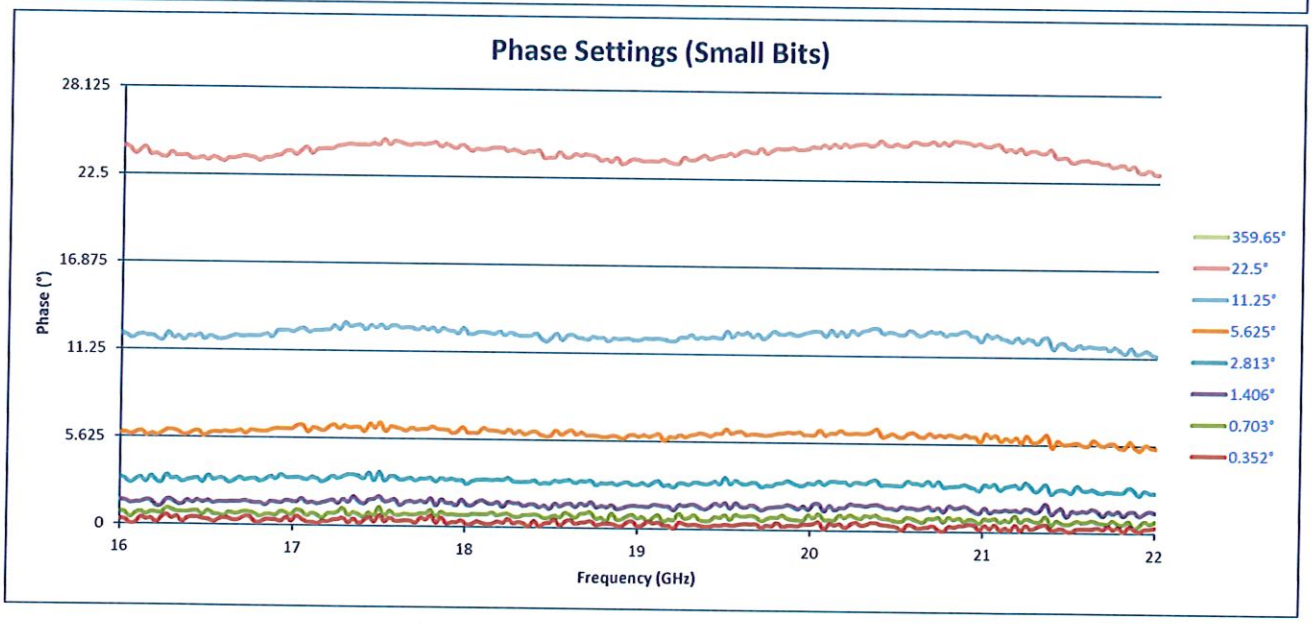
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