PMI
PLANAR MONOLITHICS

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

Customer: [redacted]
SO: [redacted]
Model No: PS-360-16G22G-10B-SFF
Serial No: PL62997/2642

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.	10.93 dB See Plot	
3	VSWR:	2.0:1 Max.	1.85 dB See Plot	
4	Phase Accuracy:	±5° Typ. ±7.5° Max. (@ 25°C & -20 dBm Input)	+3.8° -3.4° 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 @ 40 mA	PMI QA5

Programed Phase Shift	Phase Shift	Accuracy	Flatness
DEG	DEG	DEG	±DEG
0.3515625	0.29	0.06	0.37
0.703125	0.57	0.13	0.32
1.40625	1.46	-0.05	0.39
2.8125	2.86	-0.05	0.49
5.625	5.81	-0.19	0.73
11.25	12.11	-0.86	0.95
22.5	23.92	-1.42	1.44
45	46.53	-1.53	2.07
90	90.32	-0.32	4.90
180	183.44	-3.44	12.99

Programed Phase Shift	Phase Shift	Accuracy	Flatness
DEG	DEG	DEG	±DEG
33.75	35.42	-1.67	1.64
67.5	68.37	-0.87	3.48
101.25	101.80	-0.55	4.90
135	135.72	-0.72	8.21
168.75	169.75	-1.00	11.52
202.5	204.98	-2.48	15.74
236.25	238.16	-1.91	20.04
270	270.56	-0.56	24.26
303.75	302.36	1.39	28.57
337.5	334.61	2.89	32.79
359.648	355.85	3.79	35.116

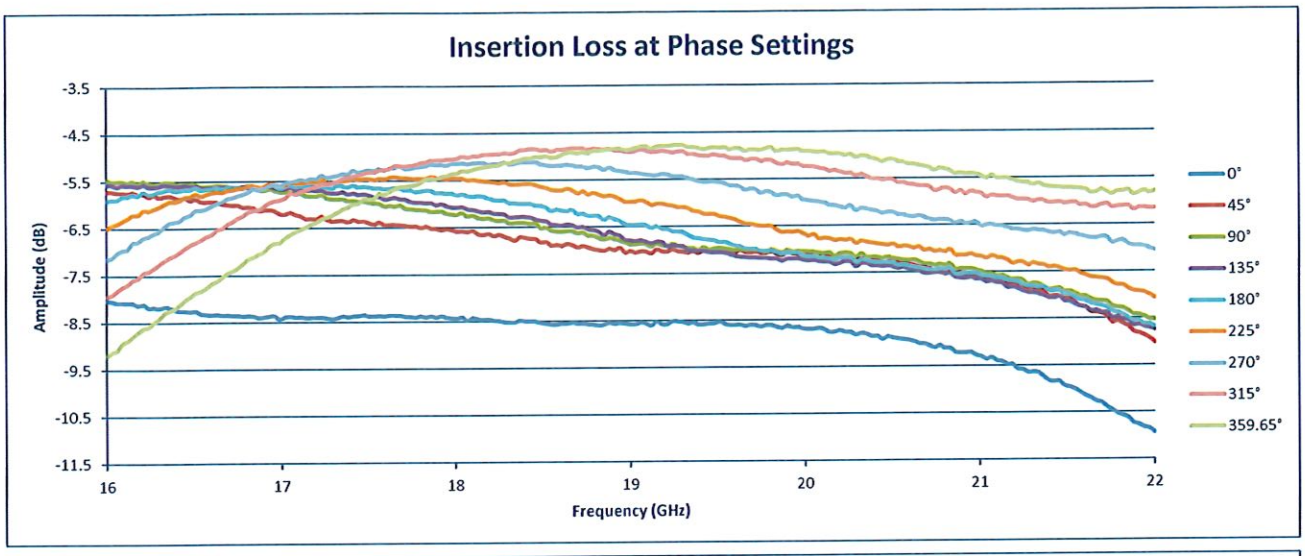
QA/QC Approval: [signature]

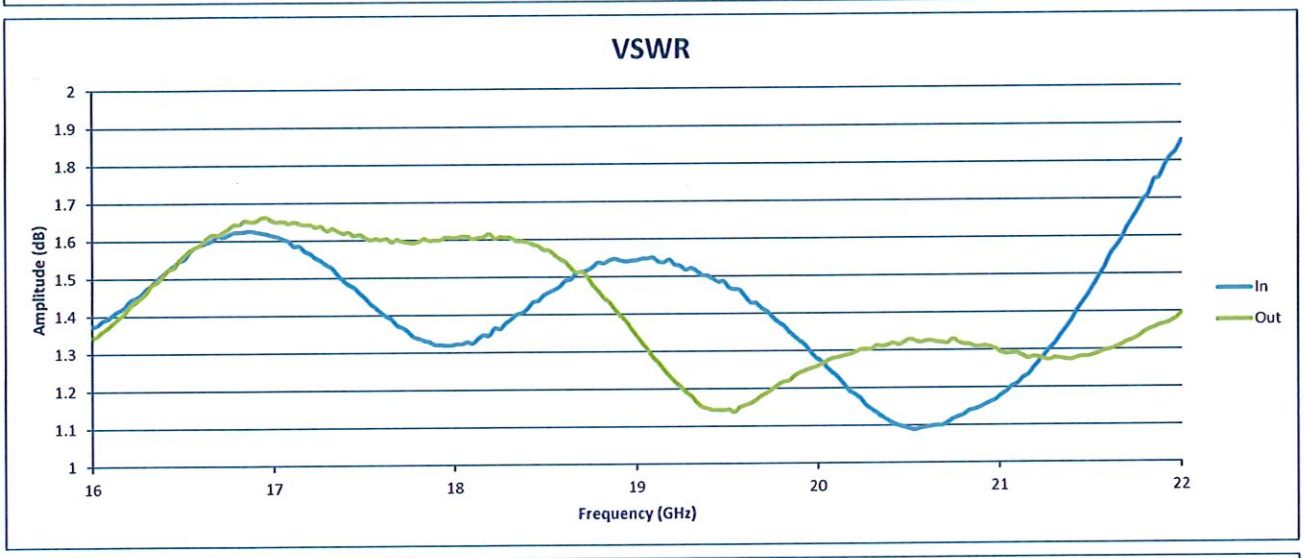
Date: 10/13/26

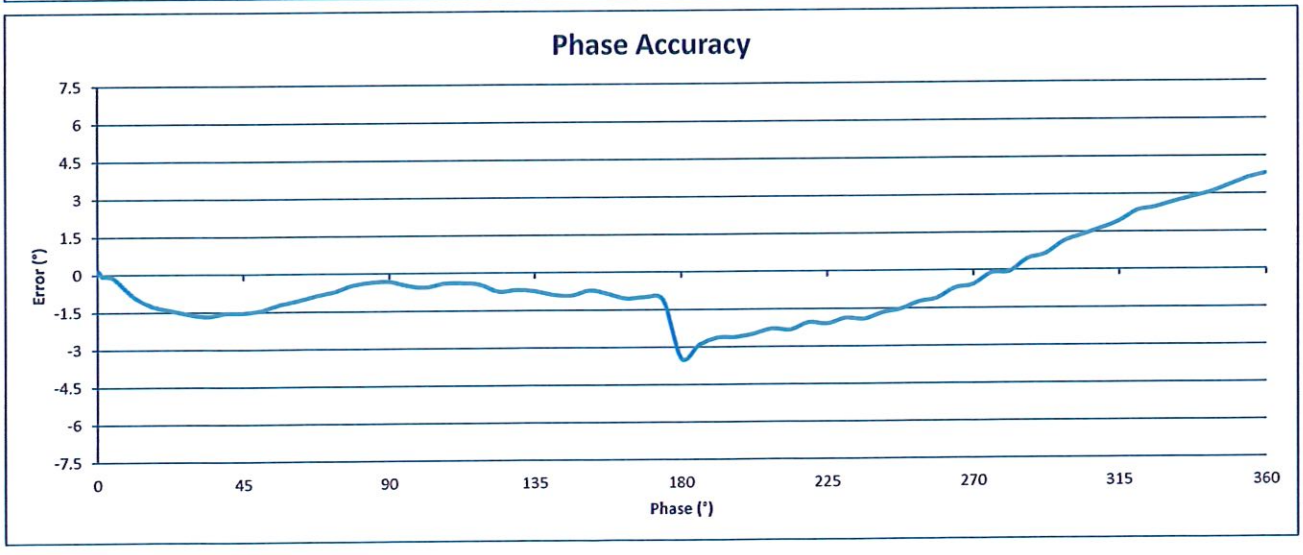
7309-A Grove Road Frederick, MD 21740 USA Phone: (301)662-5019 Fax: (301)662-1731
Email: sales@pml-rf.com

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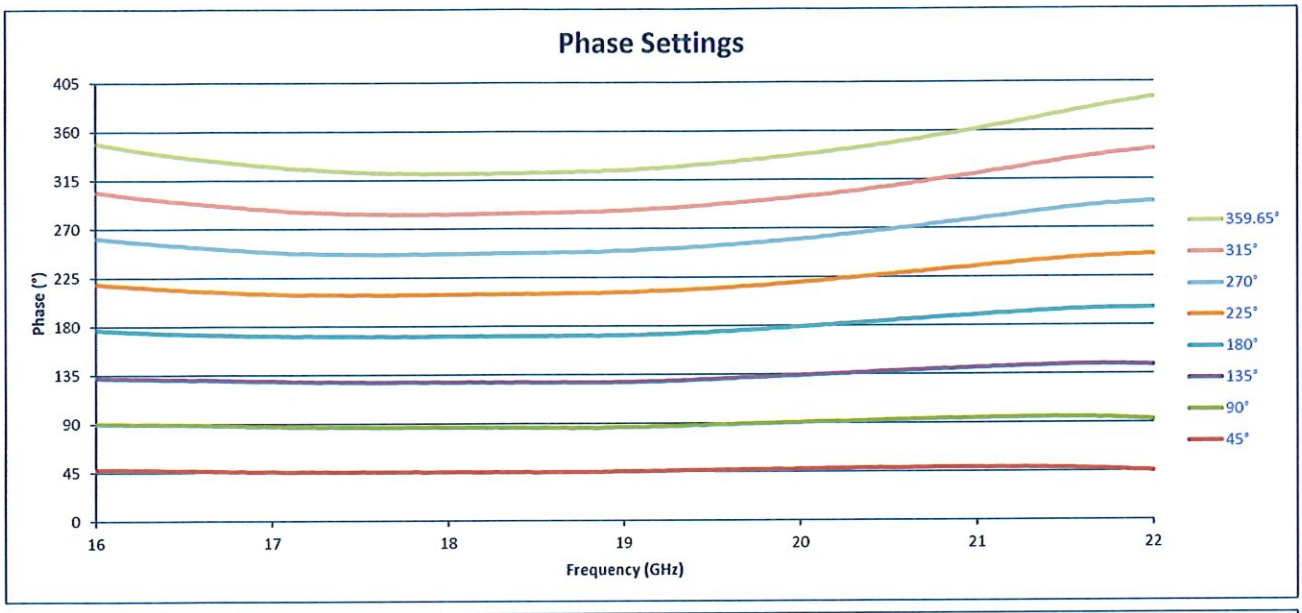


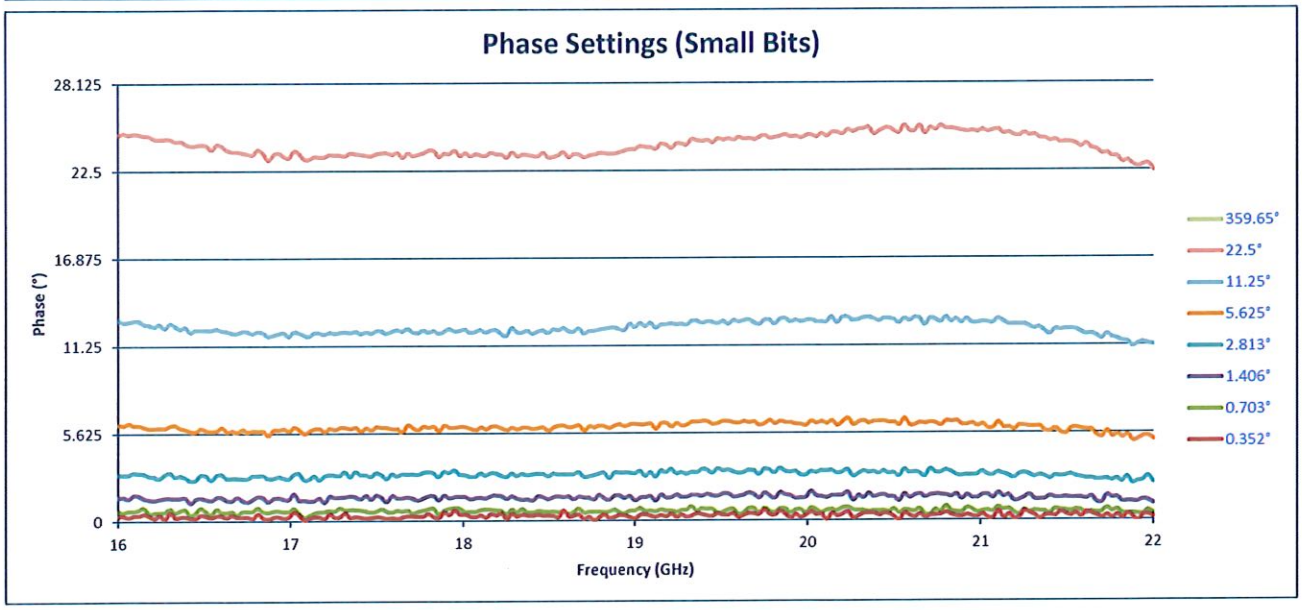


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