PMI
PLANAR MONOLITHICS

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

Customer: _____
SO: _____
Model No: PS-360-16G22G-10B-SFF
Serial No: PL62996/2642

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.	11.36 dB See Plot	
3	VSWR:	2.0:1 Max.	1.73 dB See Plot	
4	Phase Accuracy:	±5° Typ. ±7.5° Max. (@ 25°C & -20 dBm Input)	+1.1° -5.1° 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	0.40	-0.05	0.34
0.703125	0.93	-0.23	0.34
1.40625	1.43	-0.02	0.47
2.8125	2.98	-0.17	0.55
5.625	5.91	-0.29	0.83
11.25	11.98	-0.73	1.06
22.5	23.68	-1.18	1.31
45	46.38	-1.38	1.86
90	91.06	-1.06	4.47
180	185.11	-5.11	12.50

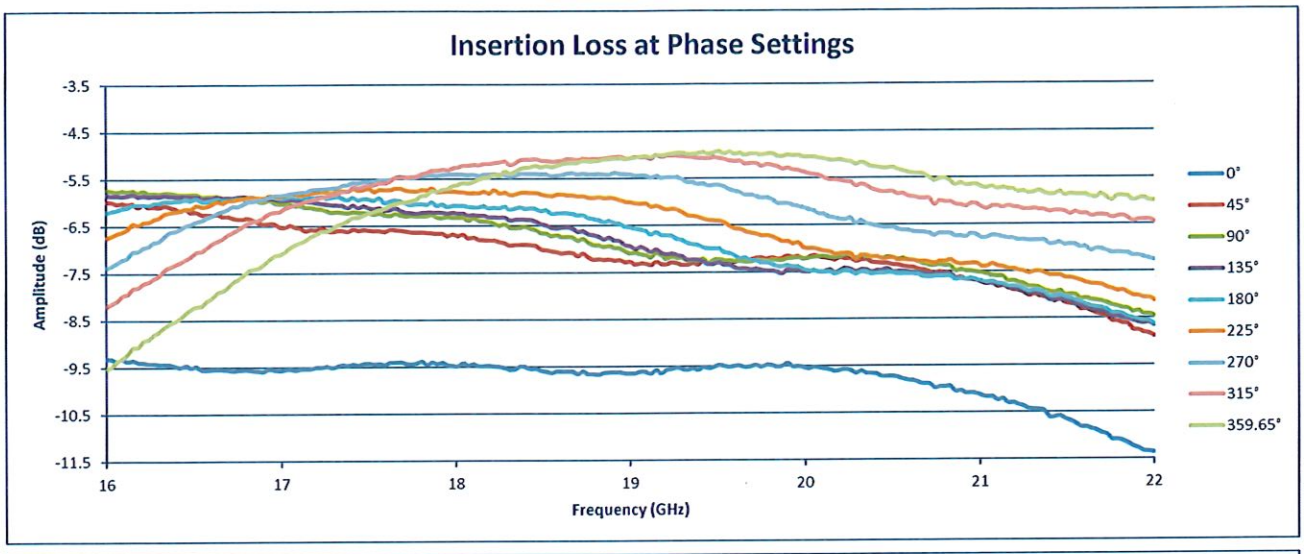
Programed Phase Shift	Phase Shift	Accuracy	Flatness
DEG	DEG	DEG	±DEG
33.75	35.26	-1.51	1.45
67.5	68.48	-0.98	3.10
101.25	102.25	-1.00	4.47
135	136.47	-1.47	7.84
168.75	171.10	-2.35	11.04
202.5	206.41	-3.91	15.31
236.25	239.50	-3.25	19.52
270	271.84	-1.84	23.45
303.75	304.09	-0.34	27.50
337.5	336.73	0.77	31.06
359.648	358.59	1.06	33.130

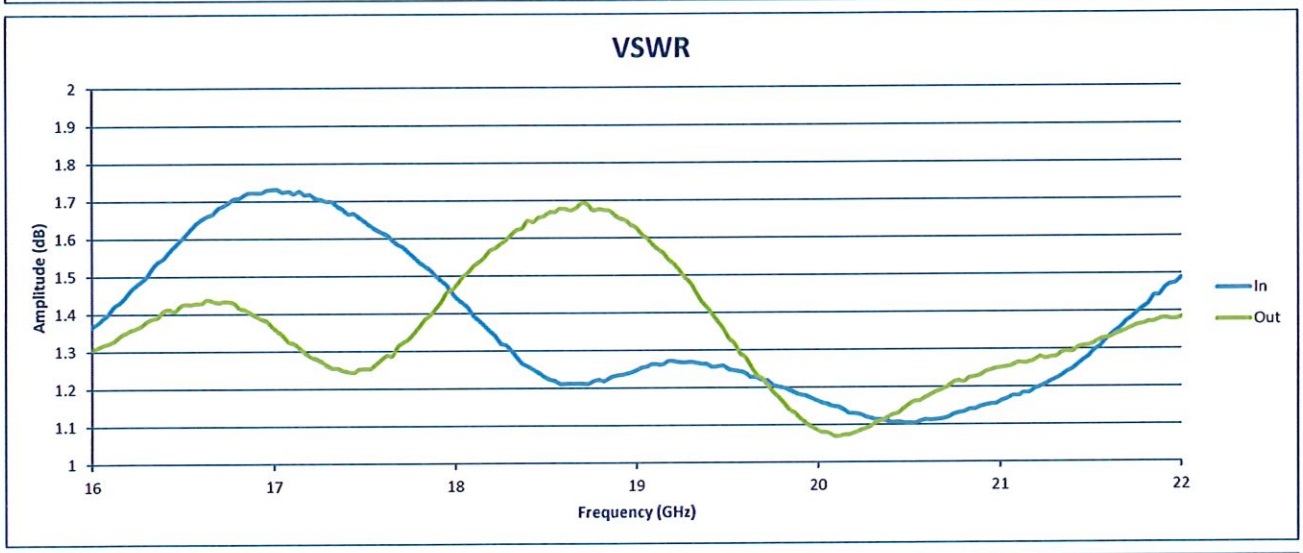
QA/QC Approval: Joseph Lynch Date: 10/13/26

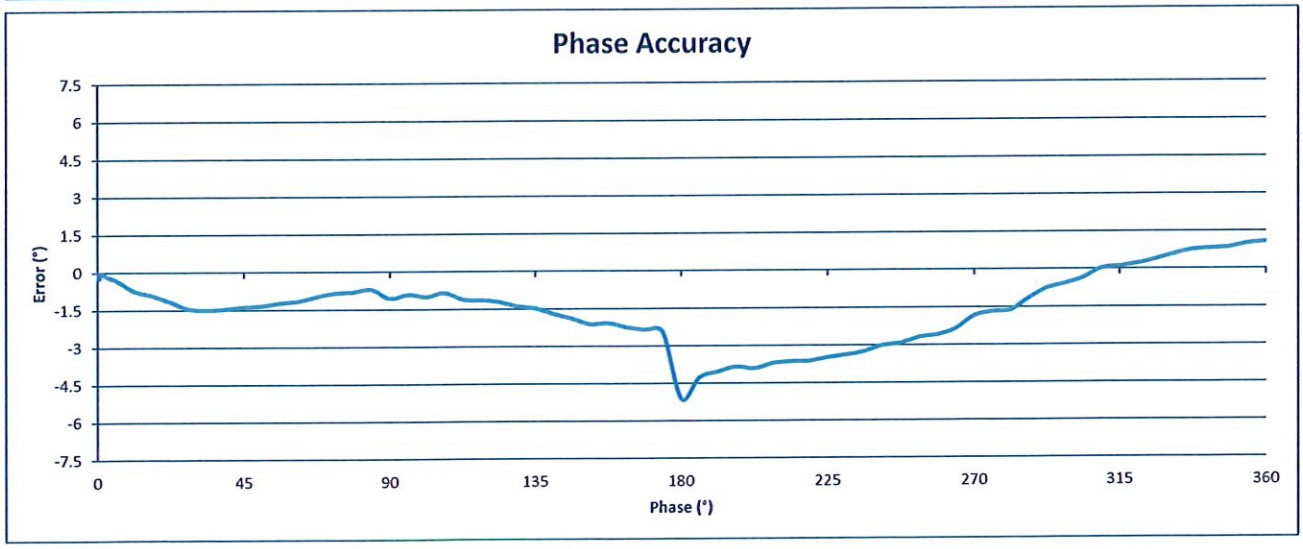
7309-A Grove Road Frederick, MD 21740 USA Phone: (301)662-5019 Fax: (301)662-1731
Email: sales@pmi-rf.com

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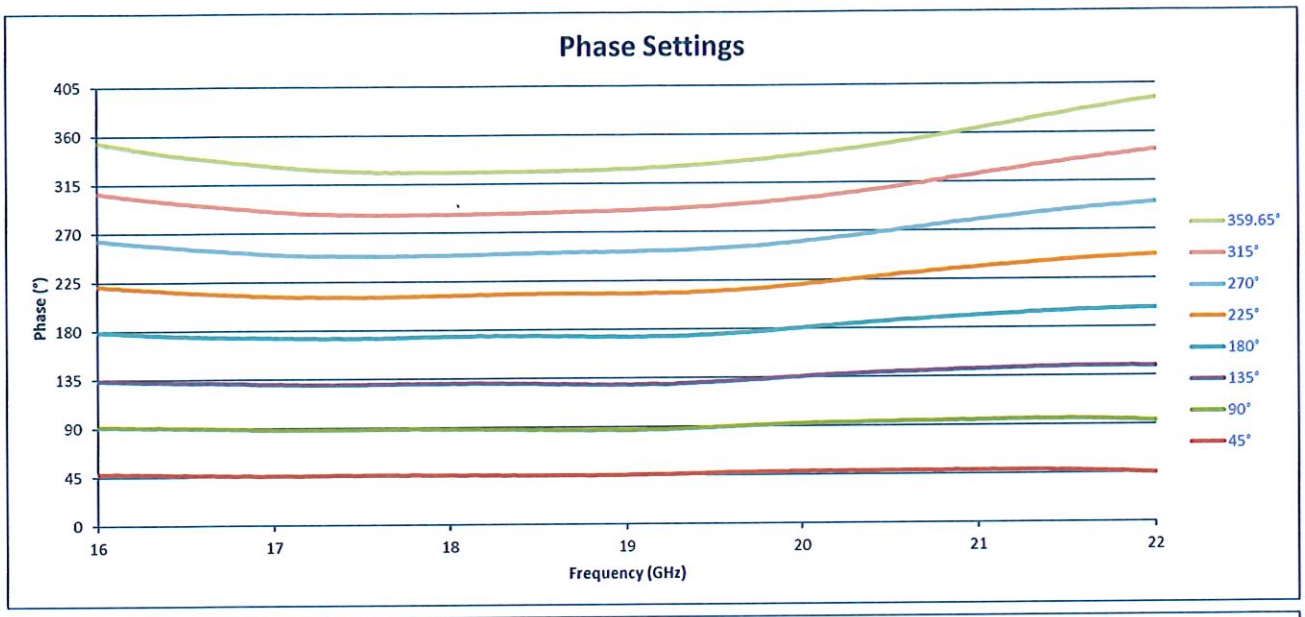


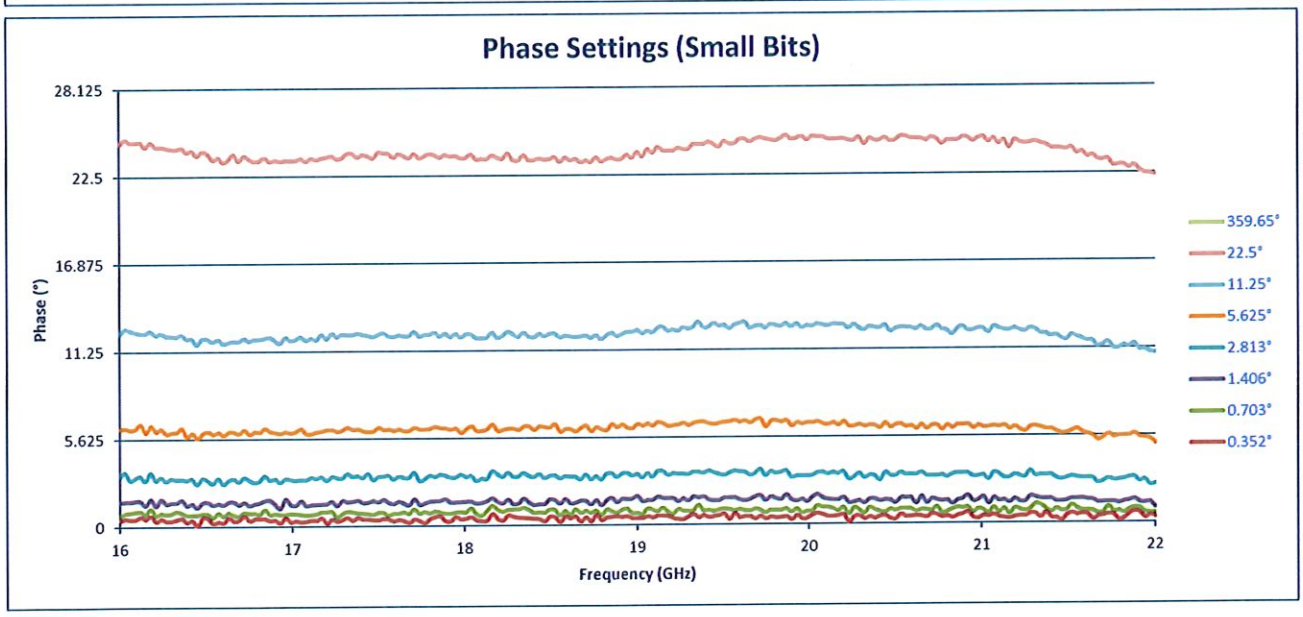


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