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: PL62995/2642

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.	10.74 dB See Plot	
3	VSWR:	2.0:1 Max.	1.88 dB See Plot	
4	Phase Accuracy:	±5° Typ. ±7.5° Max. (@ 25°C & -20 dBm Input)	+2.3° -4.8° 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	0.27	0.09	0.36
0.703125	0.77	-0.06	0.37
1.40625	1.67	-0.27	0.45
2.8125	3.13	-0.32	0.42
5.625	6.15	-0.52	0.57
11.25	12.19	-0.94	0.72
22.5	23.92	-1.42	1.06
45	46.45	-1.45	1.90
90	90.66	-0.66	4.61
180	184.85	-4.85	13.73

Programed Phase Shift	Phase Shift	Accuracy	Flatness
DEG	DEG	DEG	±DEG
33.75	35.36	-1.61	1.48
67.5	68.42	-0.92	3.05
101.25	101.88	-0.63	4.61
135	136.42	-1.42	8.19
168.75	171.39	-2.64	12.16
202.5	206.56	-4.06	16.46
236.25	239.74	-3.49	20.25
270	271.85	-1.85	23.67
303.75	303.54	0.21	27.14
337.5	335.84	1.66	30.33
359.648	357.53	2.12	32.332

QA/QC Approval: [signature]

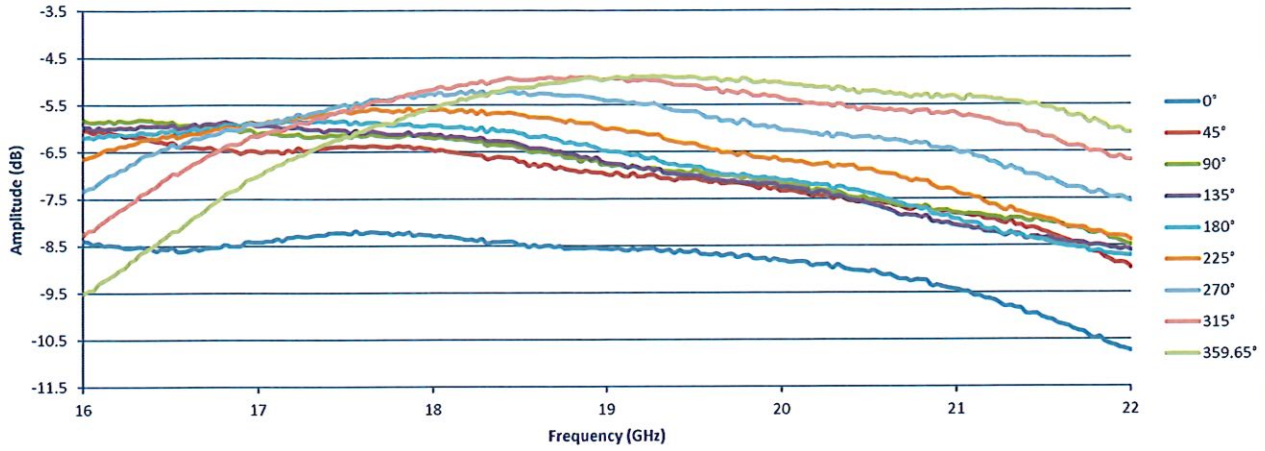
Date: 10/13/26

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

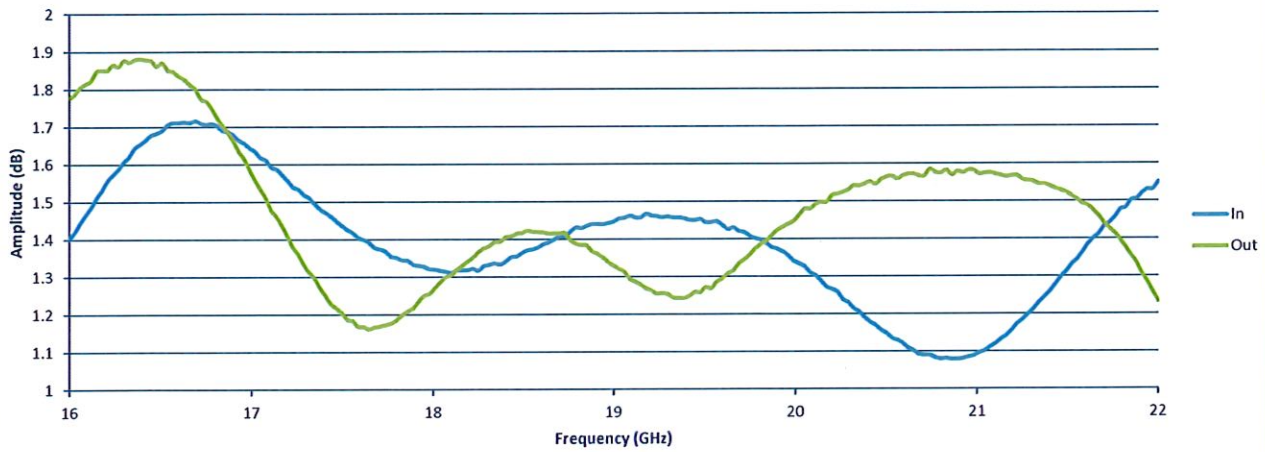
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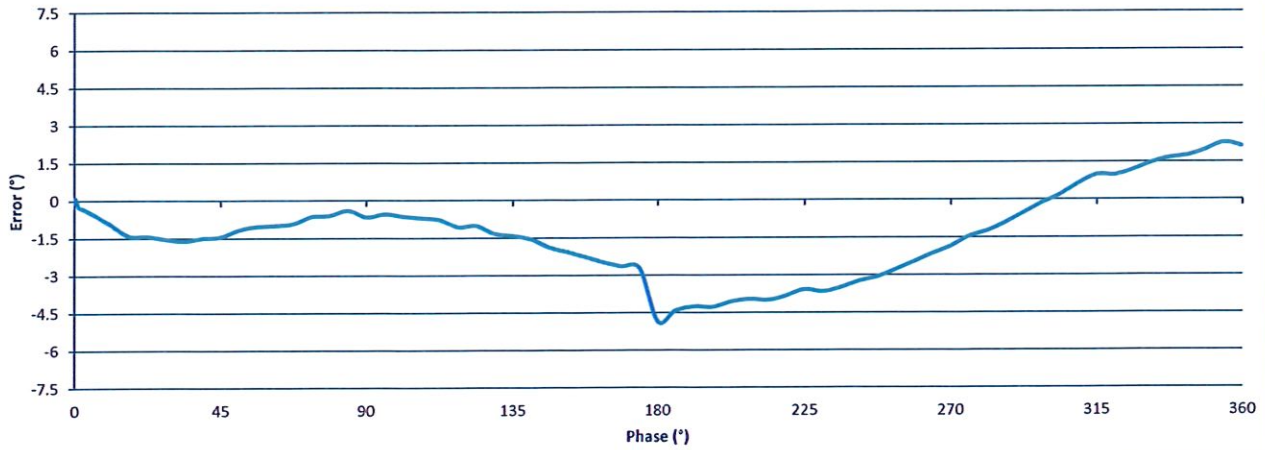
Insertion Loss at Phase Settings



VSWR



Phase Accuracy

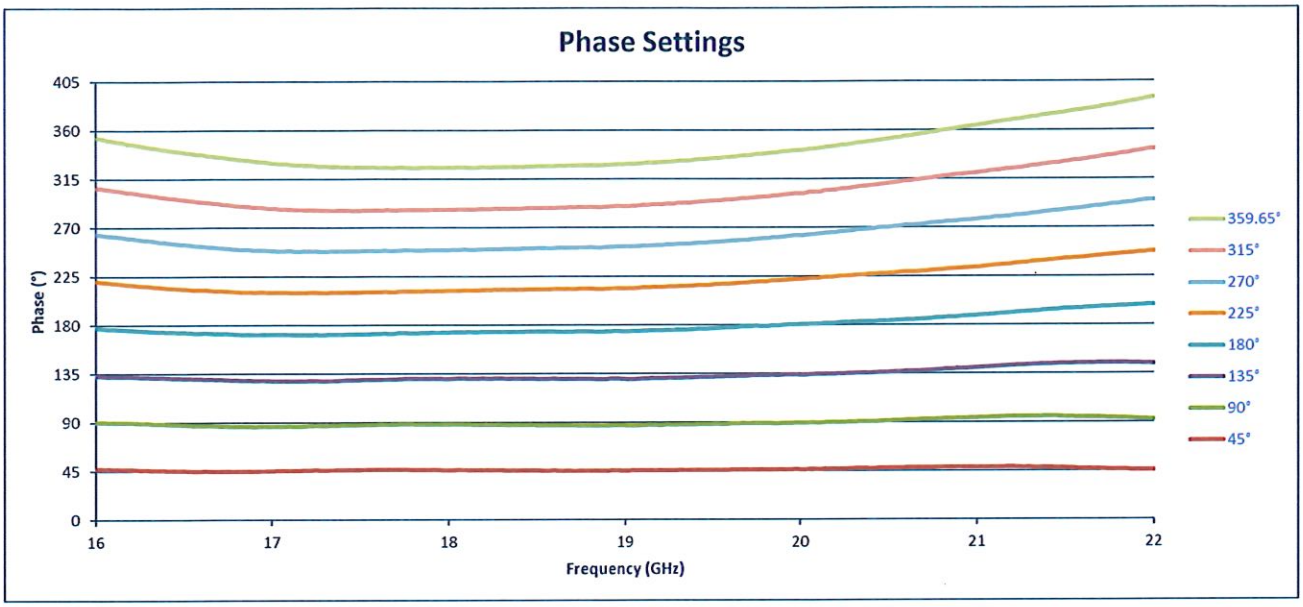


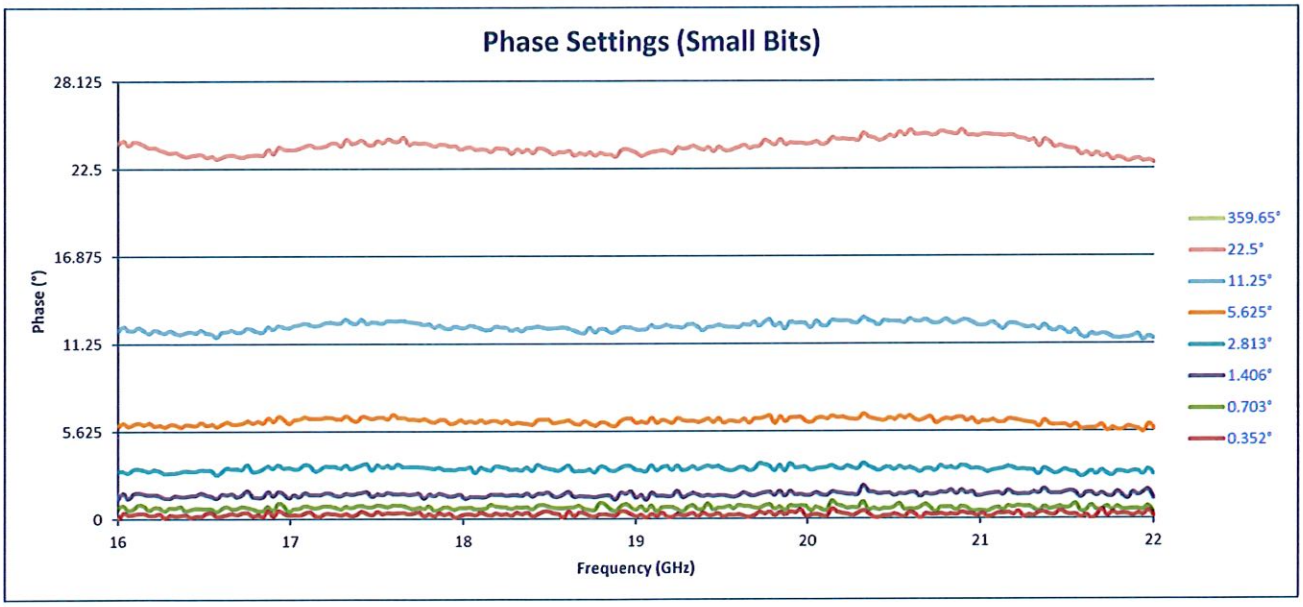
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