

**SUMMARY TEST DATA  
ON  
PS-30M2G-8B-SFF**

Customer: \_\_\_\_\_  
Job No: \_\_\_\_\_  
Model No: PS-30M2G-8B-SFF  
Serial No: PL4330/2348

Tested By: E. Kretz  
Date: Thursday, November 30, 2023  
Temp: +25°C  
Drawing No: 27644980 Rev: B1

Data Taken at -10 dBm Input Power

Test Item No.	Parameters	Specified Value	Measured Value	QA QC	
1	Frequency Range:	0.03 to 2.0 GHz	0.03 to 2.0 GHz	PMI QA2	
2	Control:	8 BIT TTL	Pass		
3	Insertion Loss:	14 dB Max.	9.98 dB See Plot		
4	VSWR:	2.0:1 MAX	1.91:1		
5	Phase Shift:	360° Typ.	360°		
6	Amplitude Error:	±1.5 dB MAX.	±0.09 dB See Plot		
7	Phase Shift Error:	±10° Typ.	+0.63° -0.37° See Plot		
8	Switching Speed:	500 ns Max.	See Typical Characteristics		
9	Power Supply:	+15 V @ 275 mA -15 V @ 75 mA	+15 V @ 182 mA -15 V @ 27 mA		PMI QA2

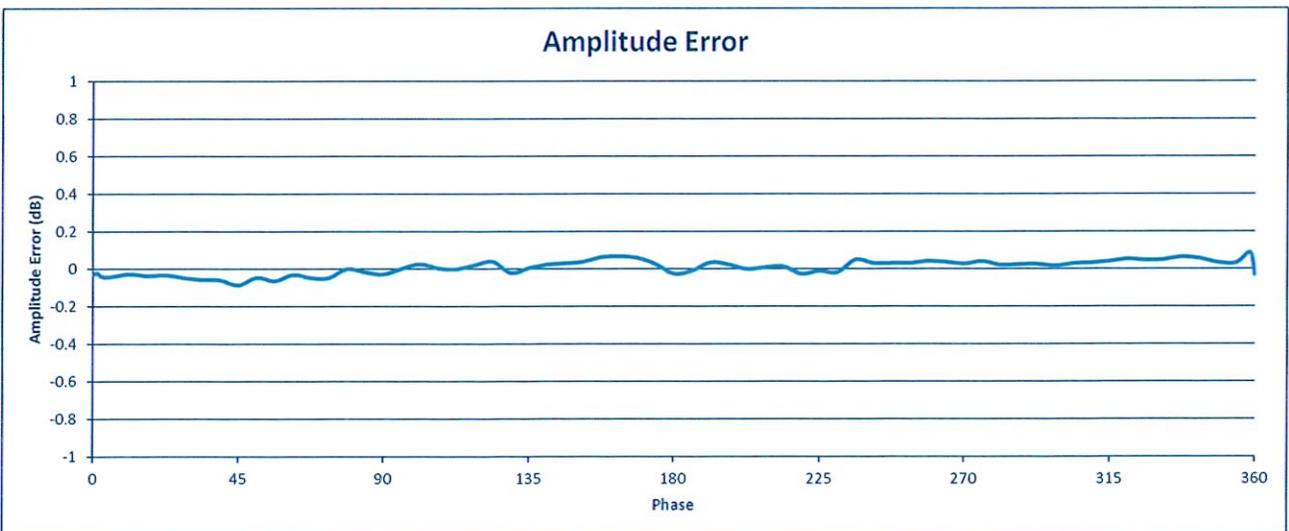
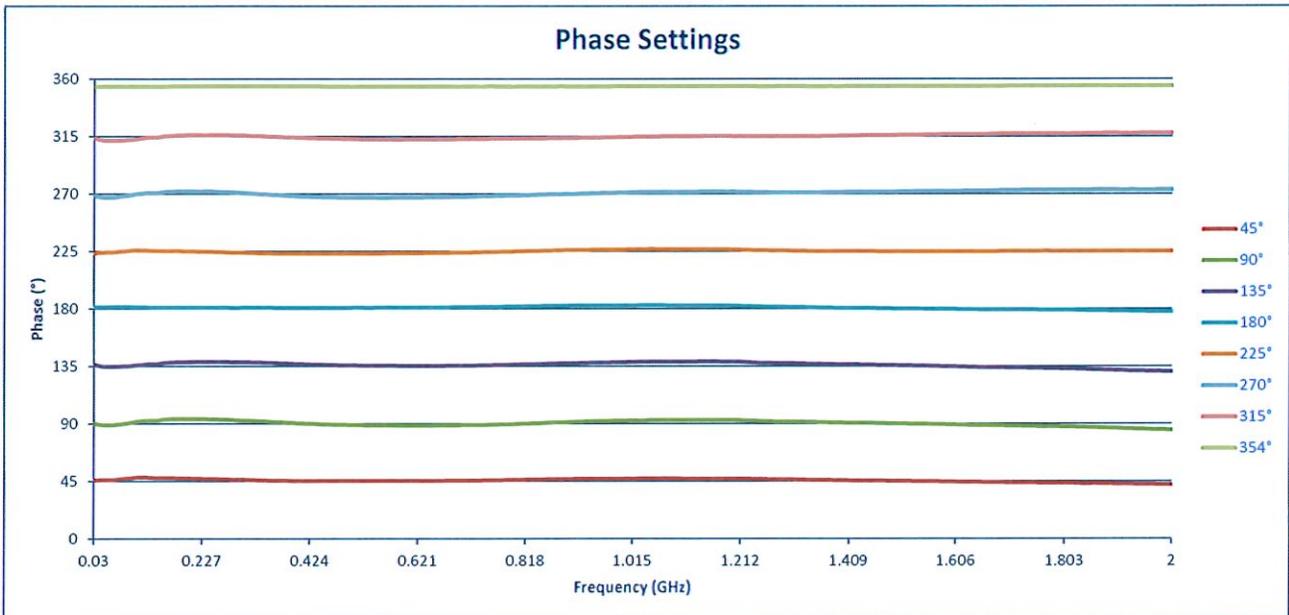
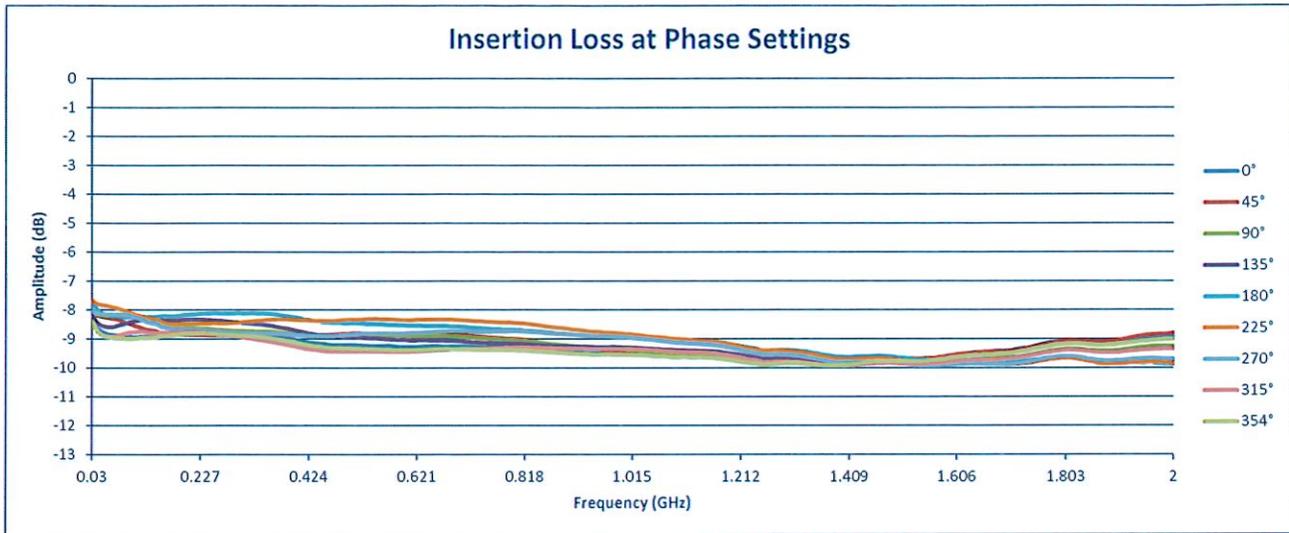
Programed Phase Shift	Phase Shift	Accuracy	Flatness
DEG	DEG	DEG	±DEG
1.40625	1.41	0.00	0.14
2.8125	2.84	-0.03	0.21
5.625	5.67	-0.05	0.40
11.25	11.36	-0.11	0.79
22.5	22.69	-0.19	1.57
45	45.07	-0.07	2.85
90	89.49	0.51	4.40
180	180.22	-0.22	2.54
358.59375	358.53	0.06	0.14

Programed Phase Shift	Phase Shift	Accuracy	Flatness
DEG	DEG	DEG	±DEG
33.75	33.98	-0.23	2.27
67.5	67.14	0.36	3.83
101.25	100.80	0.45	4.52
135	134.72	0.28	4.03
168.75	168.80	-0.05	3.00
202.5	202.84	-0.34	1.67
236.25	236.19	0.06	1.94
270	270.28	-0.28	3.12
303.75	303.61	0.14	3.41
337.5	337.37	0.13	1.54

QA/QC Approval: 

PMI  
QA2

Date: 11/30/2023



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