

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

Customer: _____
Job No: _____
Model No: PS-30M2G-8B-SFF
Serial No: PL43022/2348

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.	10.23 dB See Plot		
4	VSWR:	2.0:1 MAX	1.8:1		
5	Phase Shift:	360° Typ.	360°		
6	Amplitude Error:	±1.5 dB MAX.	±0.12 dB See Plot		
7	Phase Shift Error:	±10° Typ.	+0.74° -0.36° See Plot		
8	Switching Speed:	500 ns Max.	See Typical Characteristics		
9	Power Supply:	+15 V @ 275 mA -15 V @ 75 mA	+15 V @ 193 mA -15 V @ 28 mA		PMI QA2

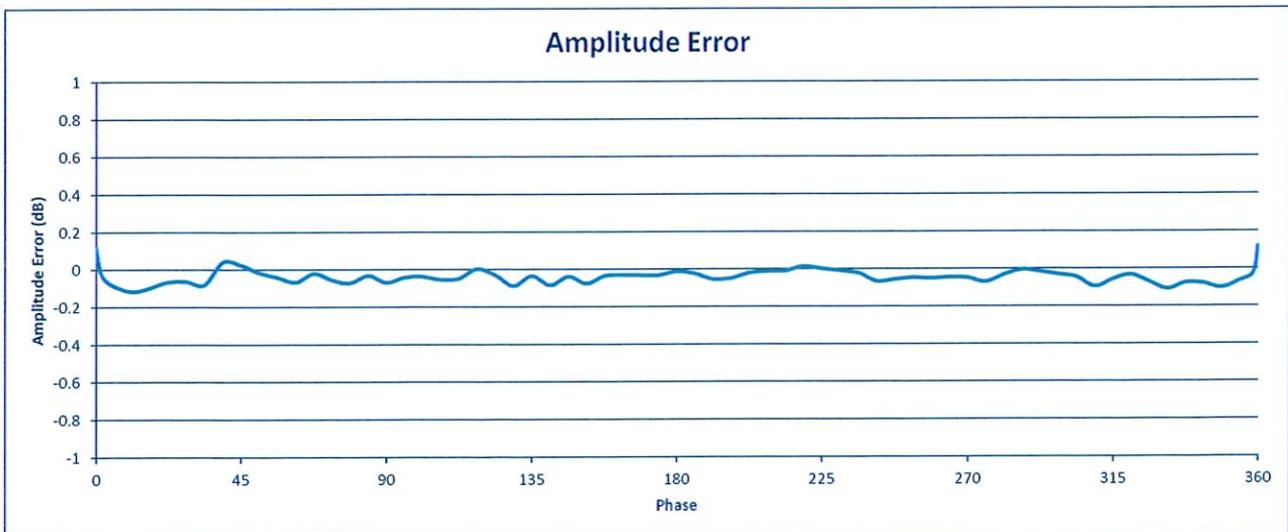
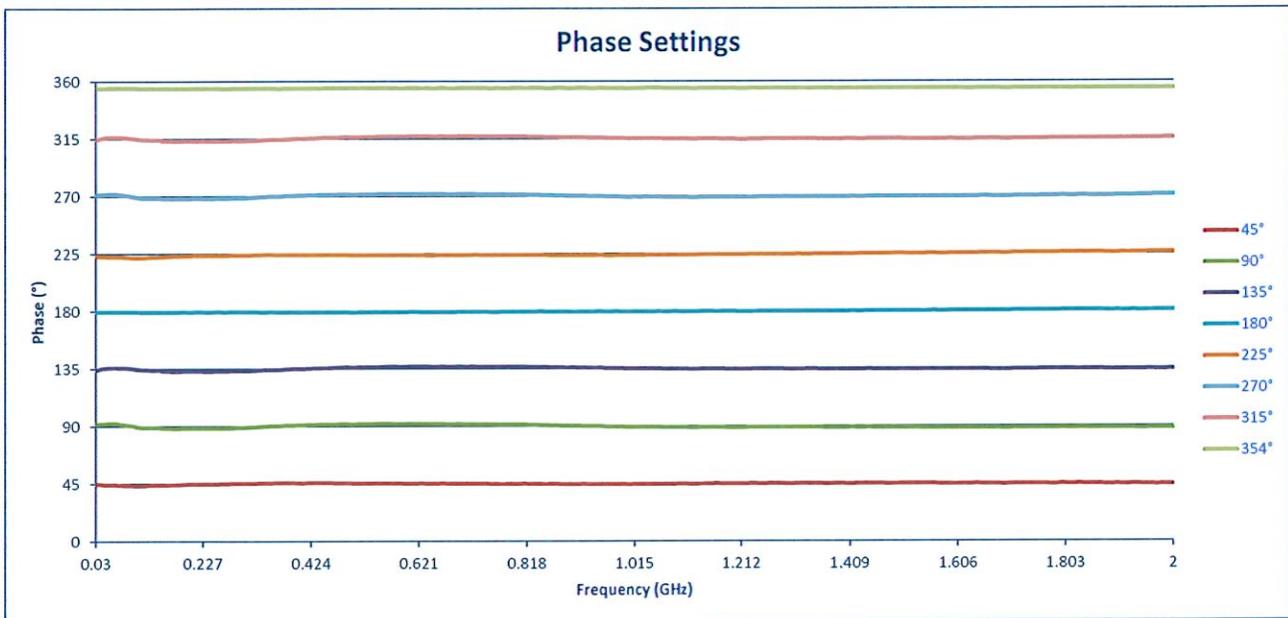
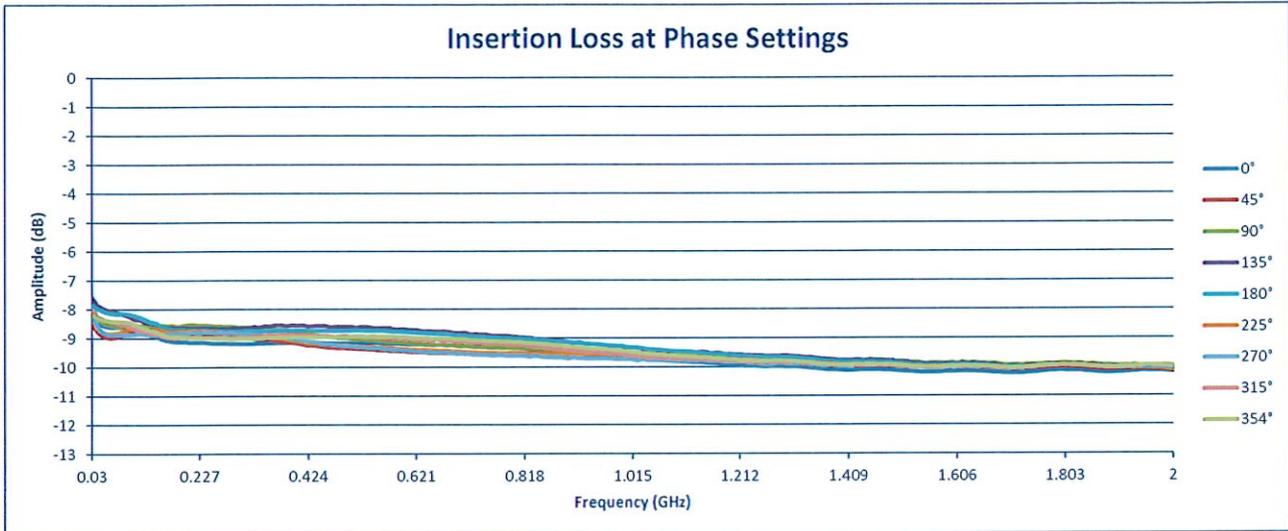
Programed Phase Shift	Phase Shift	Accuracy	Flatness
DEG	DEG	DEG	±DEG
1.40625	1.67	-0.26	0.29
2.8125	2.93	-0.12	0.33
5.625	5.91	-0.29	0.34
11.25	11.43	-0.18	0.57
22.5	22.52	-0.02	0.81
45	44.59	0.41	1.20
90	90.31	-0.31	2.01
180	180.00	0.00	0.93
358.59375	358.70	-0.10	0.30

Programed Phase Shift	Phase Shift	Accuracy	Flatness
DEG	DEG	DEG	±DEG
33.75	33.65	0.10	1.04
67.5	67.50	0.00	1.51
101.25	101.35	-0.10	2.07
135	135.02	-0.02	1.94
168.75	168.77	-0.02	0.78
202.5	202.32	0.18	1.84
236.25	235.68	0.57	2.19
270	270.17	-0.17	1.85
303.75	303.92	-0.17	2.20
337.5	337.77	-0.27	1.06

QA/QC Approval: 

PMI
QA2

Date: 11/30/2023



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