

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

Customer: _____
Job No: _____
Model No: PS-30M2G-8B-SFF
Serial No: PL43031/2348

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.	10.24 dB See Plot		
4	VSWR:	2.0:1 MAX	1.94:1		
5	Phase Shift:	360° Typ.	360°		
6	Amplitude Error:	±1.5 dB MAX.	±0.12 dB See Plot		
7	Phase Shift Error:	±10° Typ.	+1.36° -0.48° See Plot		
8	Switching Speed:	500 ns Max.	See Typical Characteristics		
9	Power Supply:	+15 V @ 275 mA -15 V @ 75 mA	+15 V @ 185 mA -15 V @ 27 mA		PMI QA2

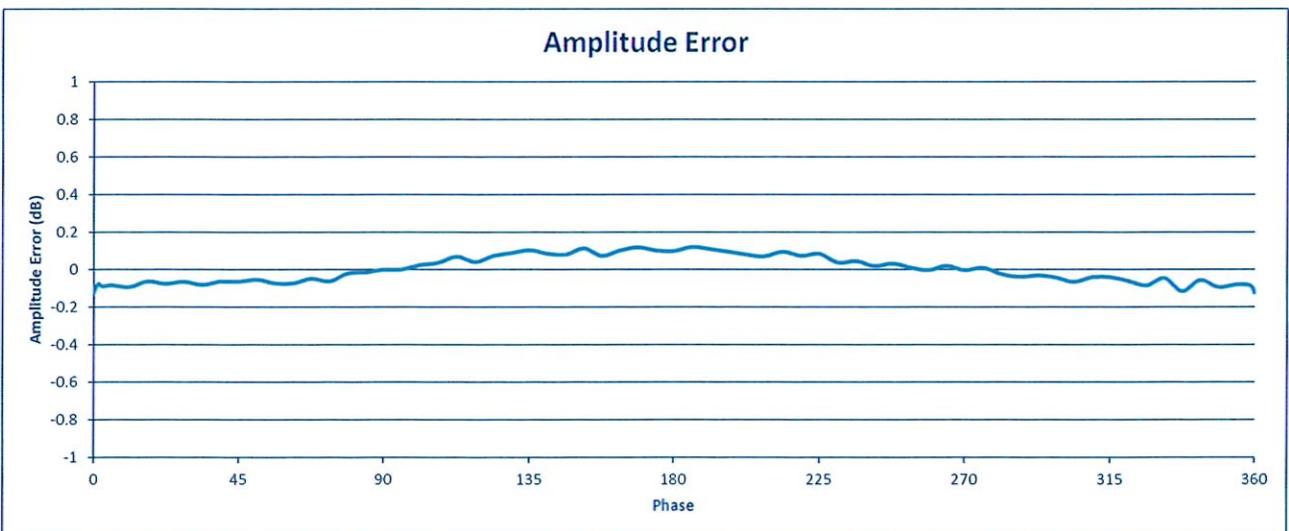
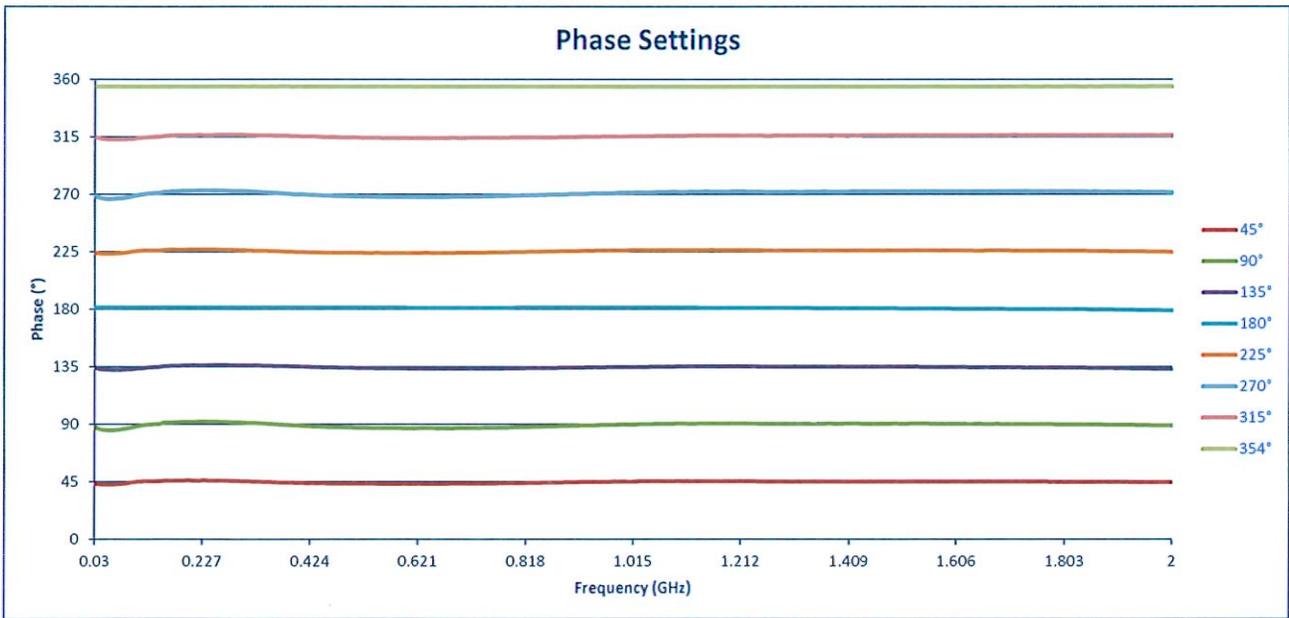
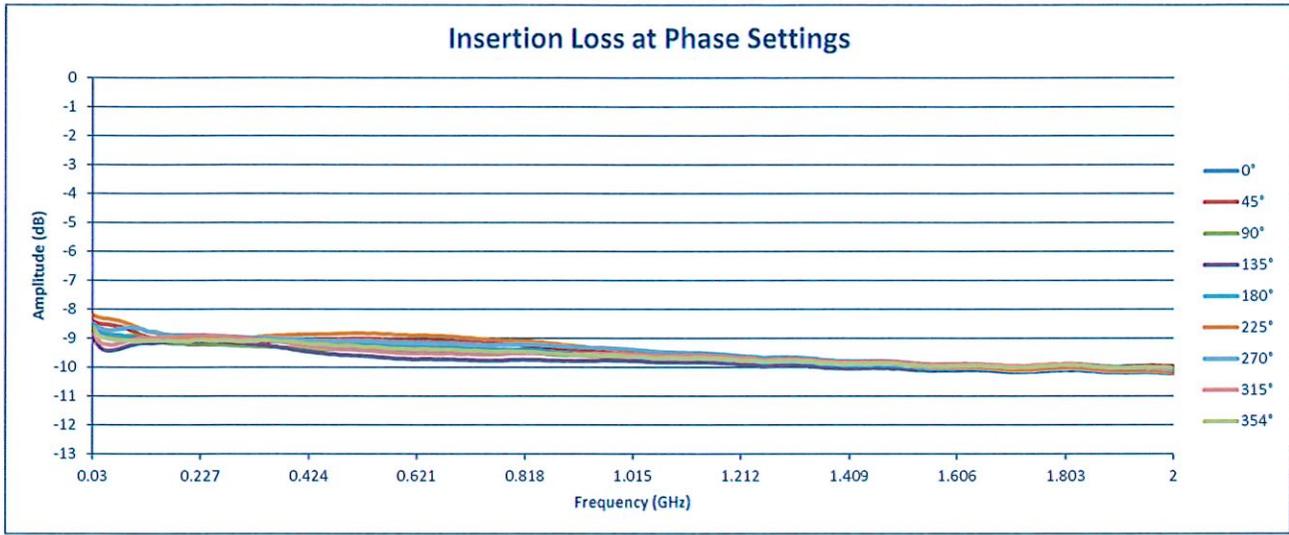
Programed Phase Shift	Phase Shift	Accuracy	Flatness
DEG	DEG	DEG	±DEG
1.40625	1.49	-0.09	0.03
2.8125	2.93	-0.11	0.07
5.625	5.71	-0.09	0.13
11.25	11.29	-0.04	0.23
22.5	22.31	0.19	0.48
45	44.34	0.66	1.63
90	88.72	1.28	3.34
180	180.19	-0.19	1.11
358.59375	358.62	-0.03	0.04

Programed Phase Shift	Phase Shift	Accuracy	Flatness
DEG	DEG	DEG	±DEG
33.75	33.34	0.41	0.99
67.5	66.42	1.08	2.77
101.25	99.97	1.28	3.20
135	134.43	0.57	1.81
168.75	168.83	-0.08	1.24
202.5	202.89	-0.39	1.06
236.25	236.26	-0.01	2.32
270	269.78	0.22	3.39
303.75	303.58	0.17	2.34
337.5	337.47	0.03	0.66

QA/QC Approval: 

PMI
QA2

Date: 11/30/2023



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