

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

Customer: \_\_\_\_\_  
Job No: \_\_\_\_\_  
Model No: PS-30M2G-8B-SFF  
Serial No: PL43029/2348

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.	11.09 dB See Plot	
4	VSWR:	2.0:1 MAX	1.98:1	
5	Phase Shift:	360° Typ.	361°	
6	Amplitude Error:	±1.5 dB MAX.	±1.31 dB See Plot	
7	Phase Shift Error:	±10° Typ.	+2.79° -10.64° See Plot	
8	Switching Speed:	500 ns Max.	See Typical Characteristics	
9	Power Supply:	+15 V @ 275 mA -15 V @ 75 mA	+15 V @ 187 mA -15 V @ 31 mA	

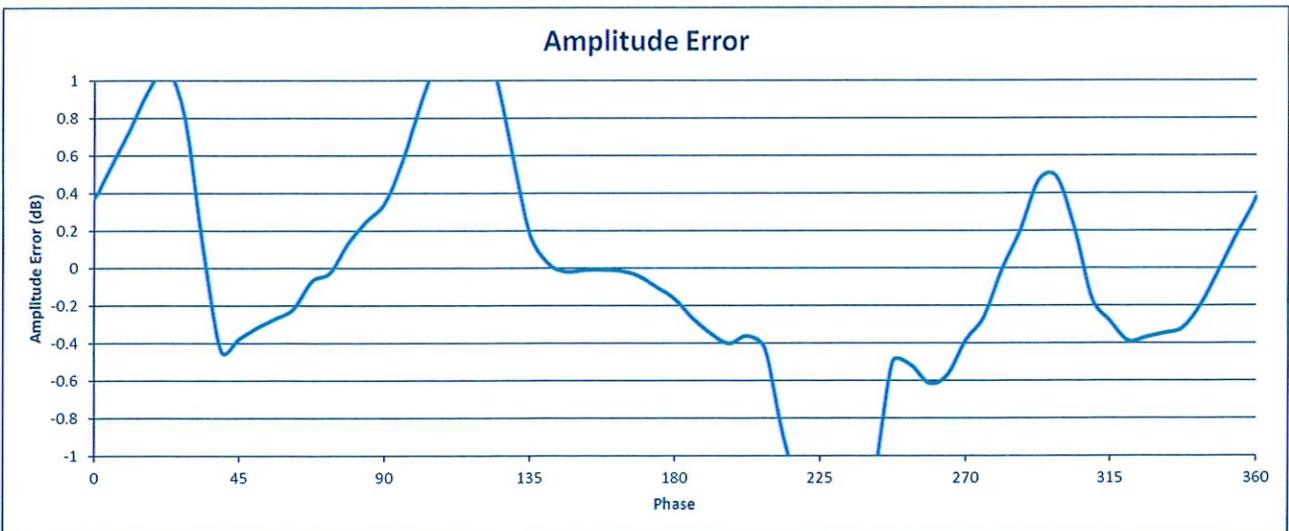
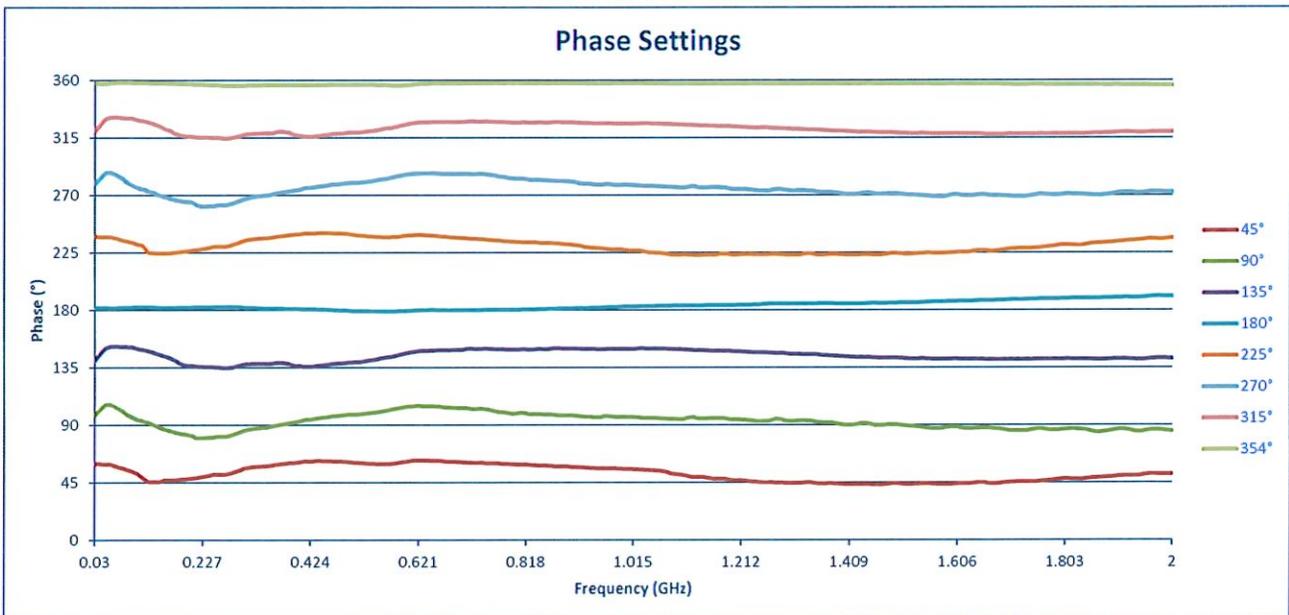
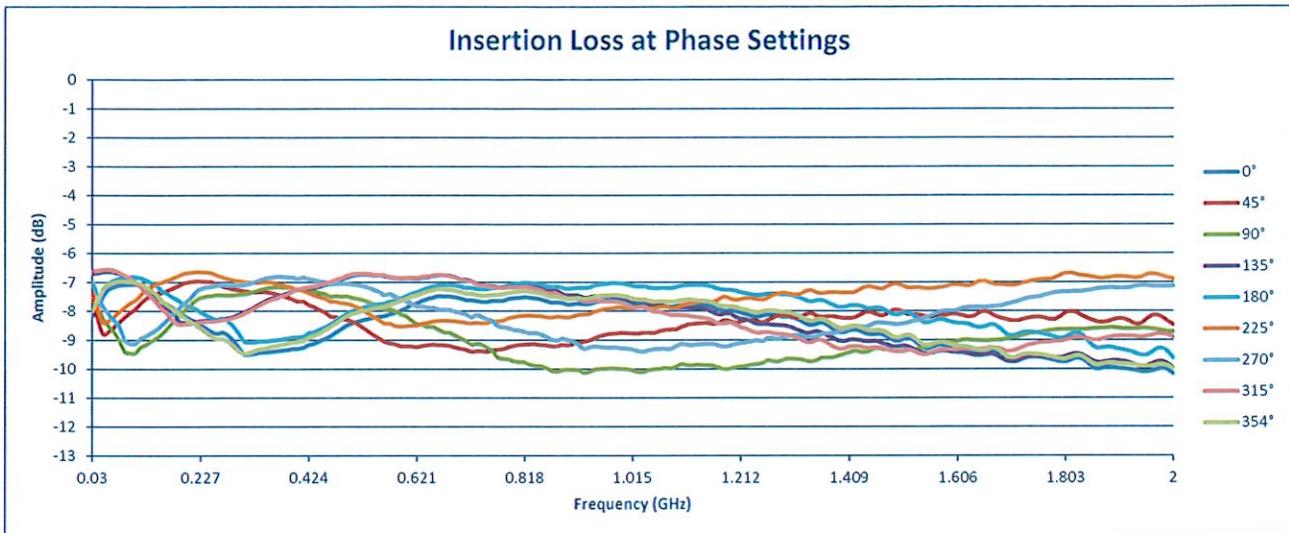
Programed Phase Shift	Phase Shift	Accuracy	Flatness
DEG	DEG	DEG	±DEG
1.40625	1.93	-0.53	0.79
2.8125	2.97	-0.16	1.25
5.625	5.02	0.60	2.02
11.25	9.34	1.91	3.38
22.5	19.81	2.69	6.27
45	52.81	-7.81	9.61
90	92.92	-2.92	13.03
180	185.05	-5.05	5.91
358.59375	359.85	-1.26	0.11

Programed Phase Shift	Phase Shift	Accuracy	Flatness
DEG	DEG	DEG	±DEG
33.75	38.94	-5.19	10.02
67.5	76.34	-8.84	13.94
101.25	100.95	0.30	13.06
135	143.24	-8.24	8.47
168.75	175.77	-7.02	5.54
202.5	201.56	0.94	9.19
236.25	242.53	-6.28	9.04
270	274.63	-4.63	13.26
303.75	309.74	-5.99	10.71
337.5	343.54	-6.04	7.87

QA/QC Approval: 

PMI  
QA2

Date: 11/30/2023



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

