

**SUMMARY TEST DATA
ON
PS-360-DC-3 OPTION 618-15D-10BIT**

Customer: _____
Job No: _____
Model No: **PS-360-DC-3 OPTION 618-15D-10BIT**
Serial No: **PL49722/2443**

Tested By: **K. Mansfield**
Date: **Monday, October 21, 2024**
Temp: **25°C**
Drawing No: **27634080** Rev: **A1**

TEST ITEM NO.	PARAMETERS	SPECIFIED VALUE	TEST RESULTS	QA QC
1	Frequency Range:	6 - 18 GHz	6 - 18 GHz	PMI QA4
2	Insertion Loss:	12 dB Max. 10 dB Typ.	6.3 dB See Plot	
3	VSWR:	2.0:1 Max.	1.4:1 In 1.7:1 Out See Plot	
4	Accuracy:	±15° Max. (Peak to Peak)	+1.1° -9.5° See Plot	
5	PM/AM	±2.5 dB Max.	±0.9 dB	
6	Translation Rate:	0 to 500 KHz	See Typical Characteristics	
7	Carrier Suppression:	18 dB	See Typical Characteristics	
8	Side Band Suppression:	15 dB	See Typical Characteristics	
9	Phase Shift - Range:	360°	360°	
	Phase Shift - Control Input:	10 Bit TTL	Pass	
	Phase Shift - Switching Speed:	50% TTL to within 500 ns Max. (10° of Final Phase Shift)	See Typical Characteristics	
	Phase Shift - Harmonics:	-25 dBc	See Typical Characteristics	
10	Power Handling - Without Damage:	+10 dBm	Pass	
	Power Handling - Survival:	+20 dBm	Pass	
11	Power Supply:	+5 VDC (±5%) @ 115 mA 12 to -15 VDC @ 20 mA	+5 VDA @ 121 mA -15 VDC @ 22 mA	PMI QA4

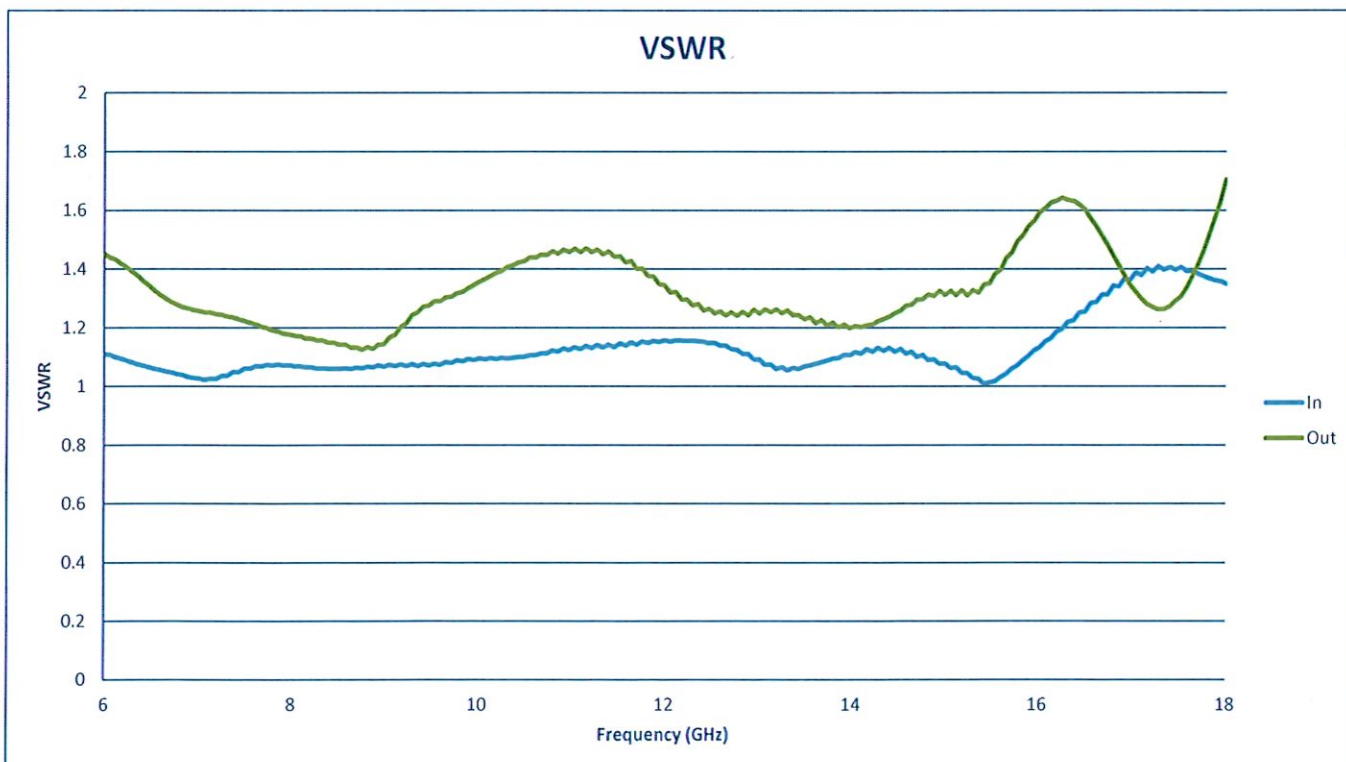
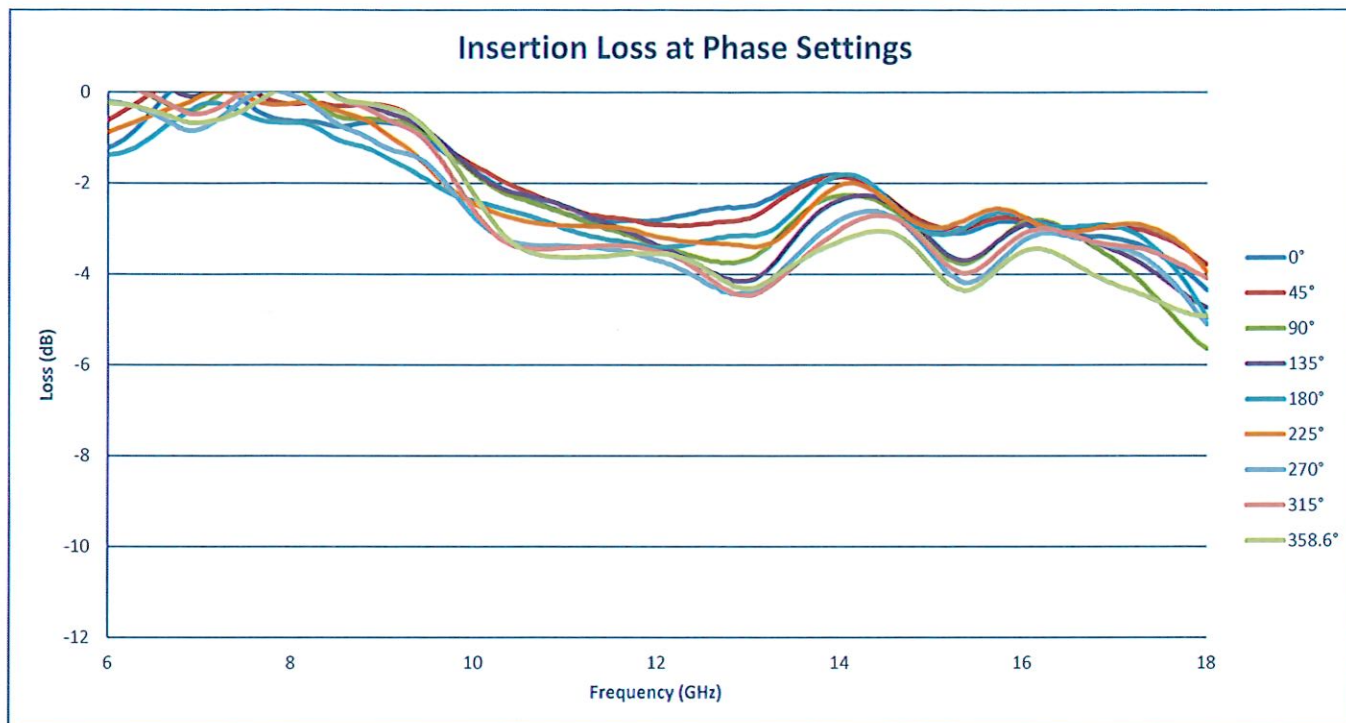
QA/QC Approval:

Cammy Kelly

Date:

10/22/24

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