

# SUMMARY TEST DATA ON PS-360-DC-3 OPTION 618-15D

Customer: \_\_\_\_\_  
 Job No: \_\_\_\_\_  
 Model No: PS-360-DC-3 OPTION 618-15D  
 Serial No: PL38627I2247

Tested By: K. Mansfield  
 Date: Wednesday, November 23, 2022  
 Temp: 25°C  
 Drawing No: 27620939 Rev: B1

TEST ITEM NO.	PARAMETERS	SPECIFIED VALUE	TEST RESULTS	QA QC
1	Frequency Range:	6 - 18 GHz	6 - 18 GHz	PMI QA2
2	Insertion Loss:	12 dB Max. 10 dB Typ.	11.6 dB See Plot	
3	VSWR:	2.0:1 Max.	1.2:1 In 1.7:1 Out See Plot	
4	Accuracy:	±15° Max. (Peak to Peak)	+11.3° -8.1° See Plot	
5	PM/AM	±2.5 dB Max.	±2.4 dB See Plot	
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°
		Control Input:	8 Bit TTL	Pass
		Switching Speed:	50% TTL to within 500 ns Max. (10° of Final Phase Shift)	See Typical Characteristics
		Harmonics:	-25 dBc	See Typical Characteristics
10	Power Handling Capability:	Without Degradation:	+10 dBm	Pass
		Survival Power:	+20 dBm	Pass
11	Power Supply:	+5 VDC (±5%) @ 115 mA 12 to -15 VDC @ 20 mA	+5 VDA @ 96 mA -15 VDC @ 21 mA	PMI QA2

QA/QC Approval: \_\_\_\_\_

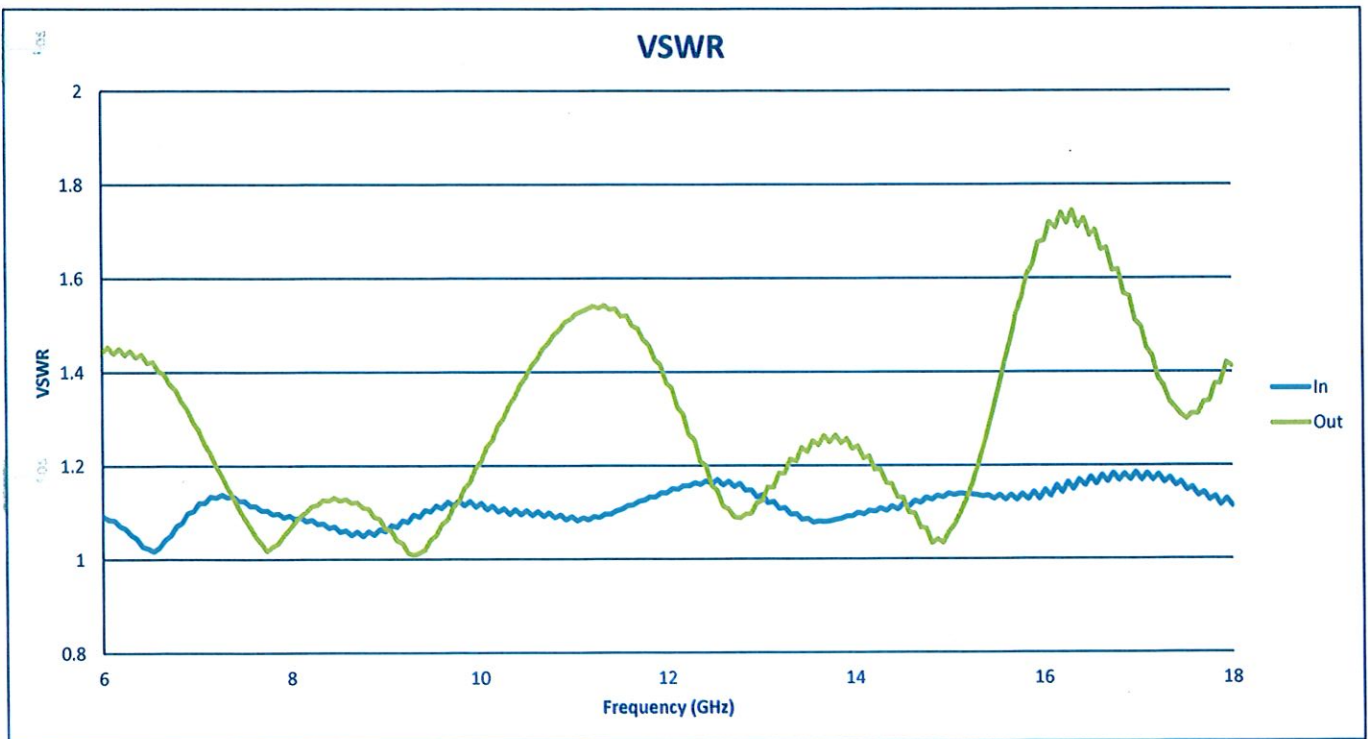
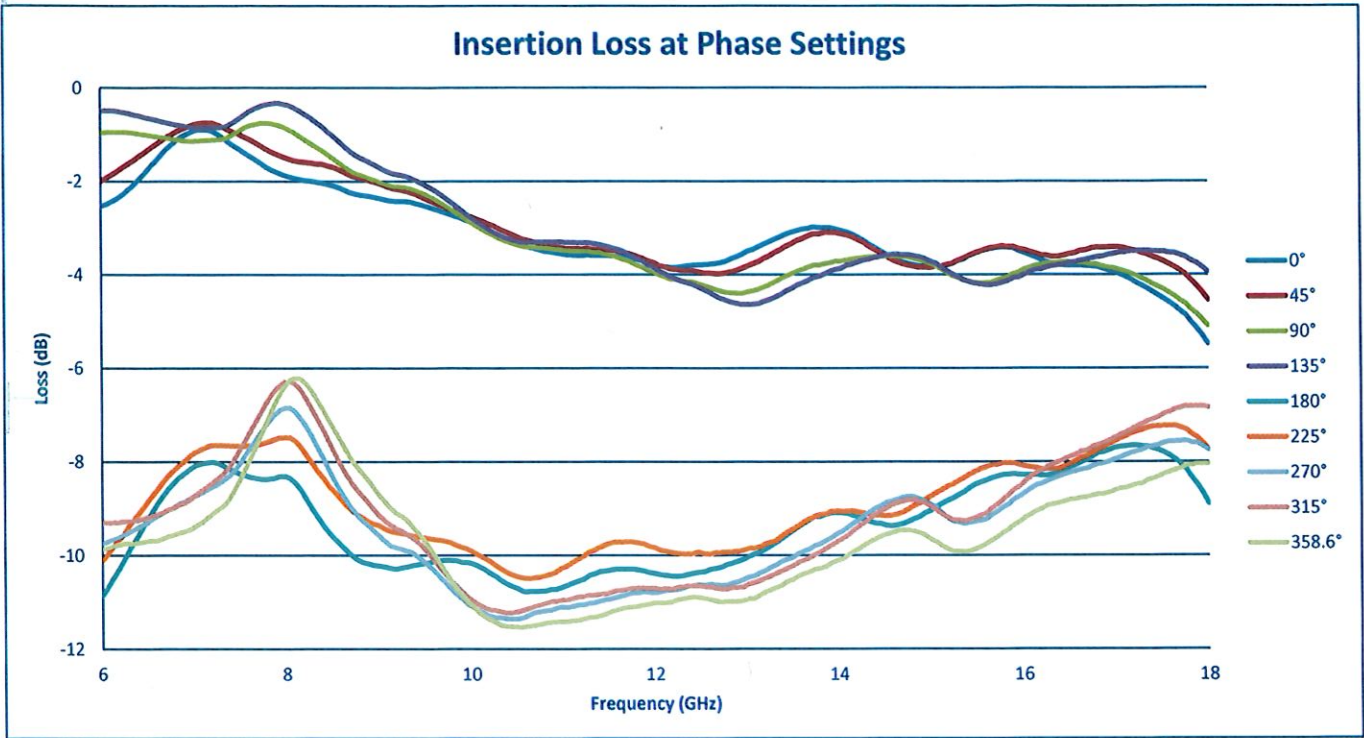


PMI  
QA2

Date: 11/23/2022

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