

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

Customer: \_\_\_\_\_  
 Job No: \_\_\_\_\_  
 Model No: \_\_\_\_\_  
 Serial No: 13081

Tested By: K. Mansfield  
 Date: Tuesday, June 6, 2023  
 Temp: 25°C  
 Drawing No: \_\_\_\_\_ Rev: \_\_\_\_\_

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.	11.4 dB See Plot	
3	VSWR:	2.0:1 Max.	1.3:1 In 1.9:1 Out See Plot	
4	Accuracy:	±15° Max. (Peak to Peak)	+2.5° -7.6° See Plot	
5	PM/AM	±2.5 dB Max.	±1.2 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°	
		Control Input:	8 Bit TTL	
		Switching Speed:	50% TTL to within 500 ns Max. (10° of Final Phase Shift)	
		Harmonics:	-25 dBc	
10	Power Handling Capability:	Without Degradation:	+10 dBm	
		Survival Power:	+20 dBm	
11	Power Supply:	+5 VDC (±5%) @ 115 mA 12 to -15 VDC @ 20 mA	+5 VDC 98 mA -15 VDC 20 mA	PMI QA2

Phase	Measured Phase	Accuracy
1.40625	3.30	-1.89
2.8125	4.16	-1.34
5.625	4.73	0.90
11.25	9.85	1.40
22.50	20.90	1.60

Phase	Measured Phase	Accuracy
45.0	45.39	-0.39
90.0	90.26	-0.26
135.0	135.48	-0.48
180.0	185.58	-5.58
358.59375	364.59	-6.00

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

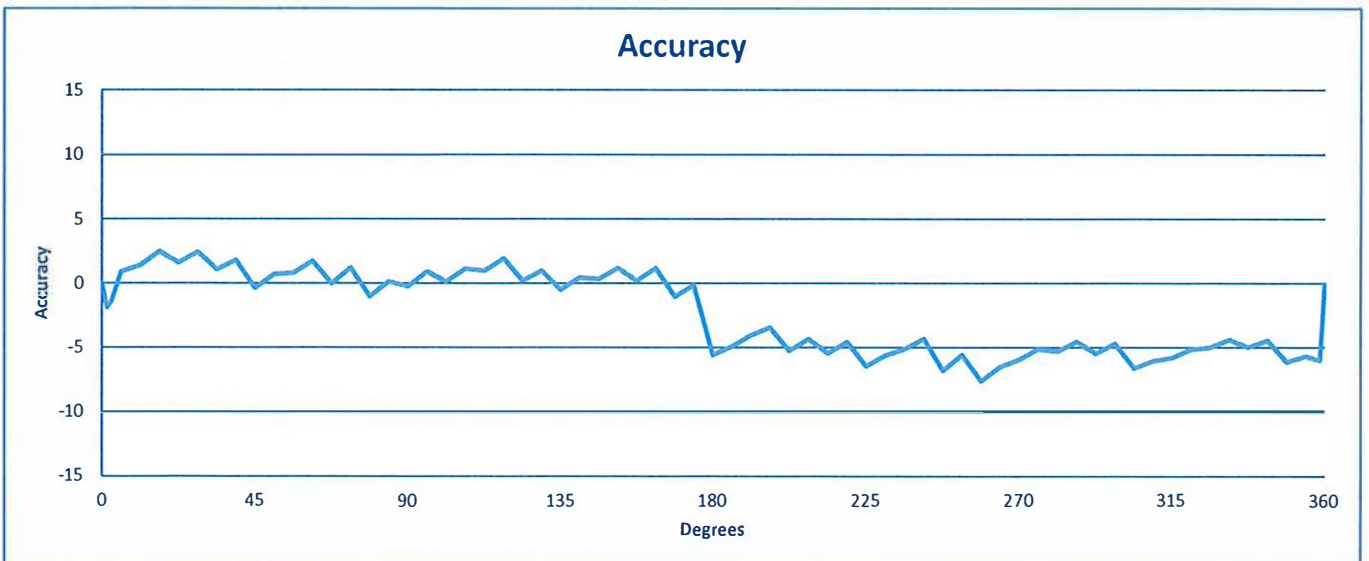
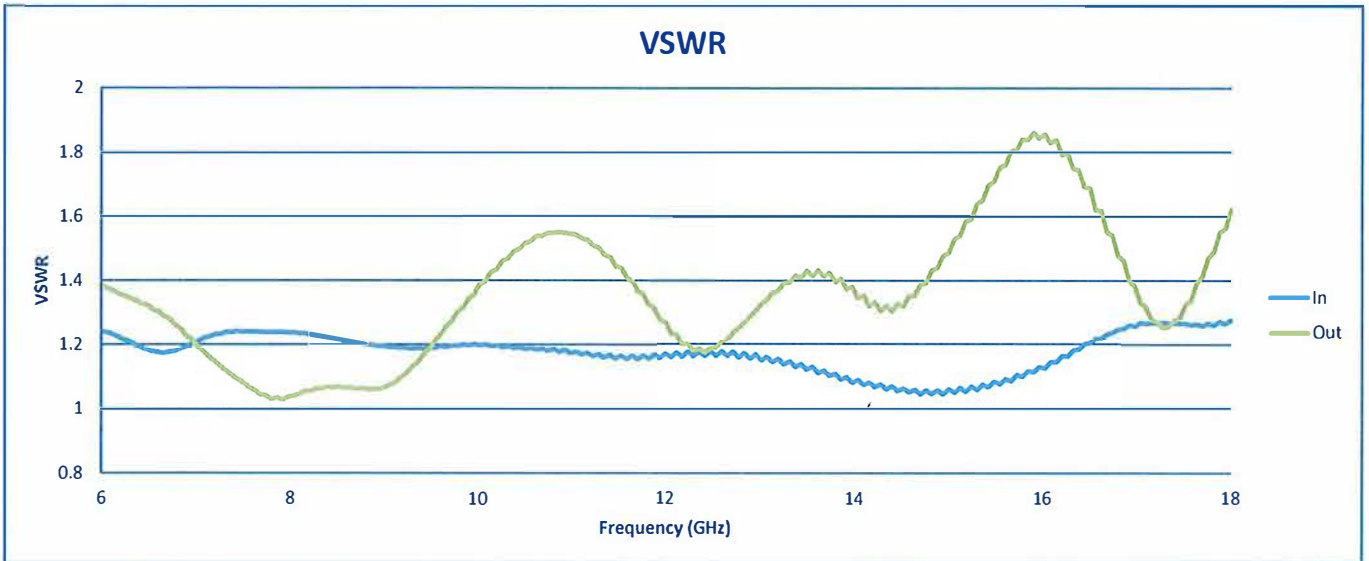
*[Handwritten Signature]*

PMI  
QA2

Date: 6/6/2023

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