

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: PL38625/2247

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

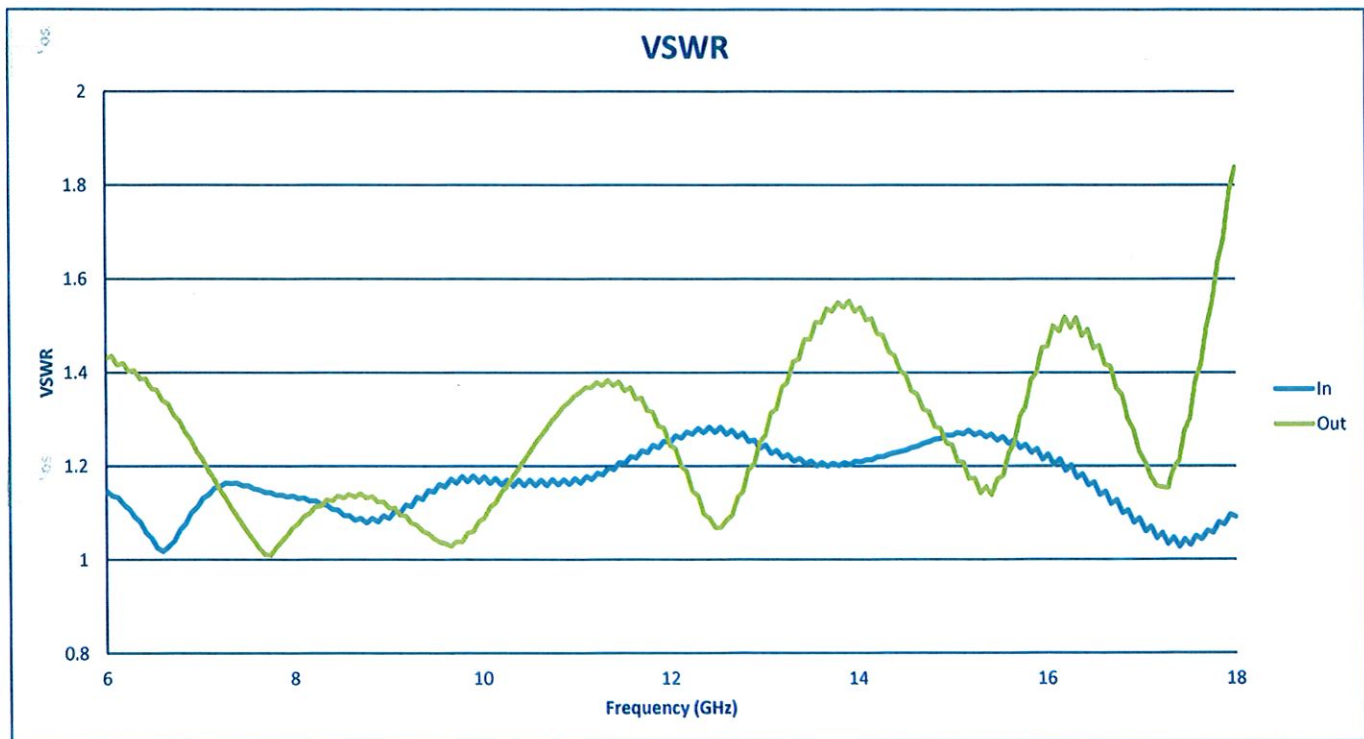
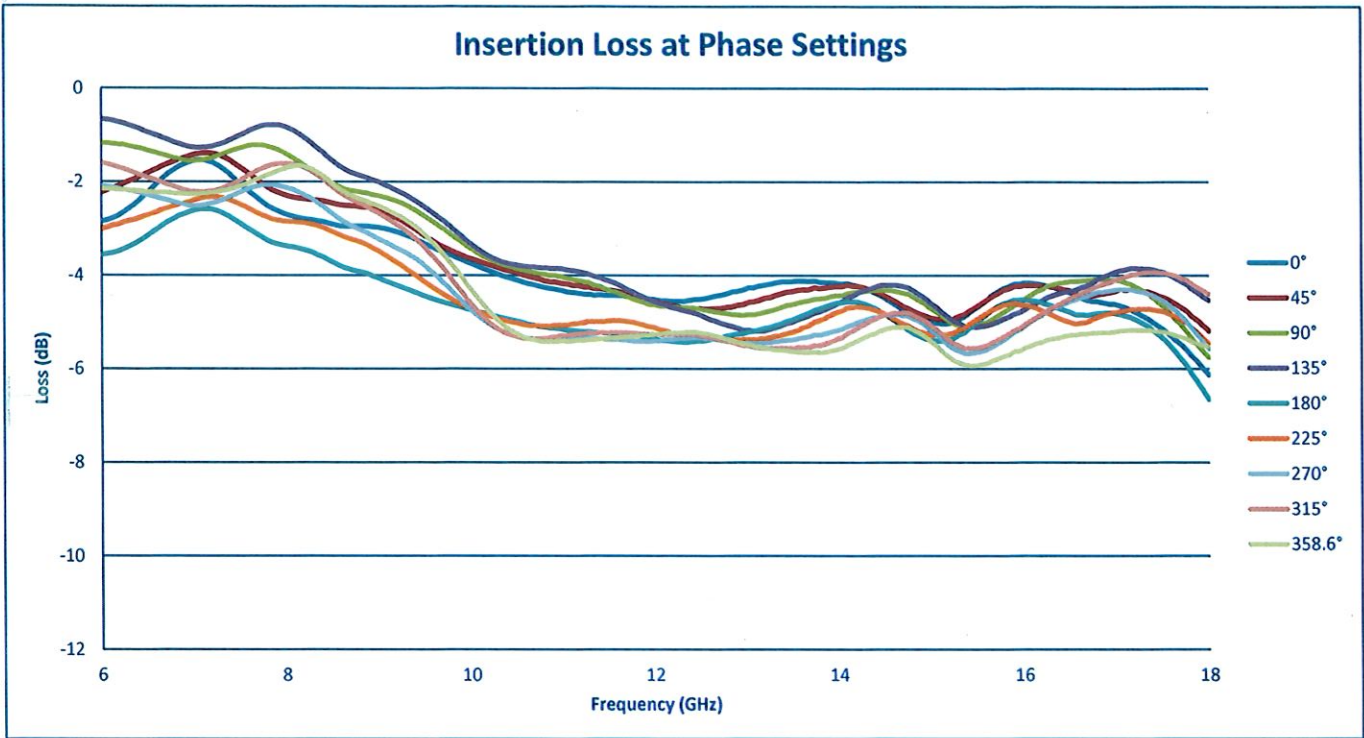
TEST ITEM NO.	PARAMETERS	SPECIFIED VALUE	TEST RESULTS	QA QC	
1	Frequency Range:	6 - 18 GHz	6 - 18 GHz	PMI QA2	
2	Insertion Loss:	12 dB Max. 10 dB Typ.	7.1 dB See Plot		
3	VSWR:	2.0:1 Max.	1.3:1 In 1.8:1 Out See Plot		
4	Accuracy:	±15° Max. (Peak to Peak)	+8.7° -4.6° See Plot		
5	PM/AM	±2.5 dB Max.	±1.2 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		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 @ 98 mA -15 VDC @ 20 mA	PMI QA2	

QA/QC Approval:  PMI QA2

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