



**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: 40114
 Part No: _____

Tested By: Collin Ertter
 Date: Wednesday, August 18, 2021
 Temp: 25°C
 Drawing No: 2760922 Rev: B1

TEST ITEM NO.	PARAMETERS	SPECIFIED VALUE	TEST RESULTS	QA QC
1	Frequency Range:	6 - 18 GHz	6 - 18 GHz	PMI
2	Insertion Loss:	12 dB Max. 10 dB Typ.	9.6 dB See Plot	QA1
3	VSWR:	2.0:1 Max.	1.4:1 In 1.9:1 Out See Plot	
4	Accuracy:	±15° Max. (Peak to Peak)	+12.4° -7.3° See Plot	
5	PM/AM	±2.5 dB Max.	±1.2 dB	
6	Translation Rate:	0 to 500 KHz	500 KHz Min. See Typical Characteristics	
7	Carrier Suppression:	18 dB	26 dB See Typical Characteristics	
8	Side Band Suppression:	15 dB	22 dB See Typical Characteristics	
9	Phase Shift - Range:	360°	360°	
	Phase Shift - Control Input:	8 Bit TTL	Pass	
	Phase Shift - Switching Speed:	50% TTL to within 500 ns Max. (10° of Final Phase Shift)	20 ns On 24 ns Off See Typical Characteristics	
	Phase Shift - Harmonics:	-25 dBc	-28 dBc See Typical Characteristics	
10	Power Handling - Without Damage:	+10 dBm	Pass	
	Phase Shift - Control Input:	+20 dBm	Pass	
11	Power Supply:	+5 VDC (±5%) @ 115 mA 12 to -15 VDC @ 20 mA	115 mA 10 mA	PMI QA1

QA/QC Approval: 

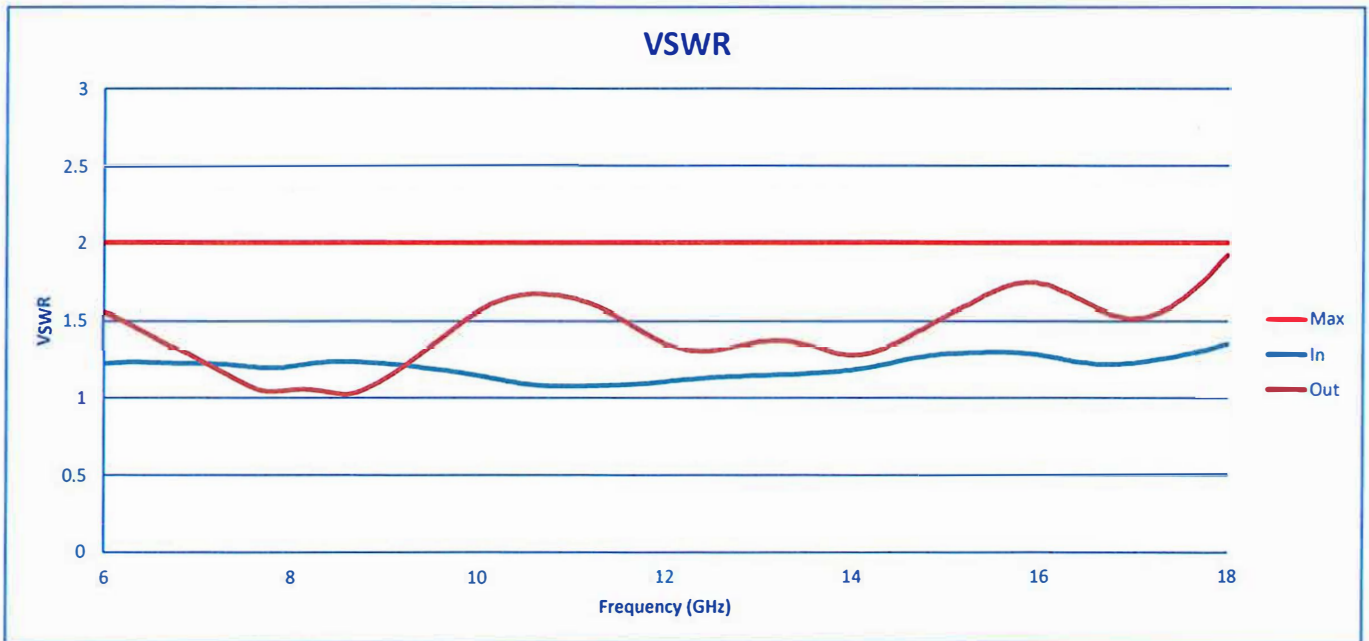
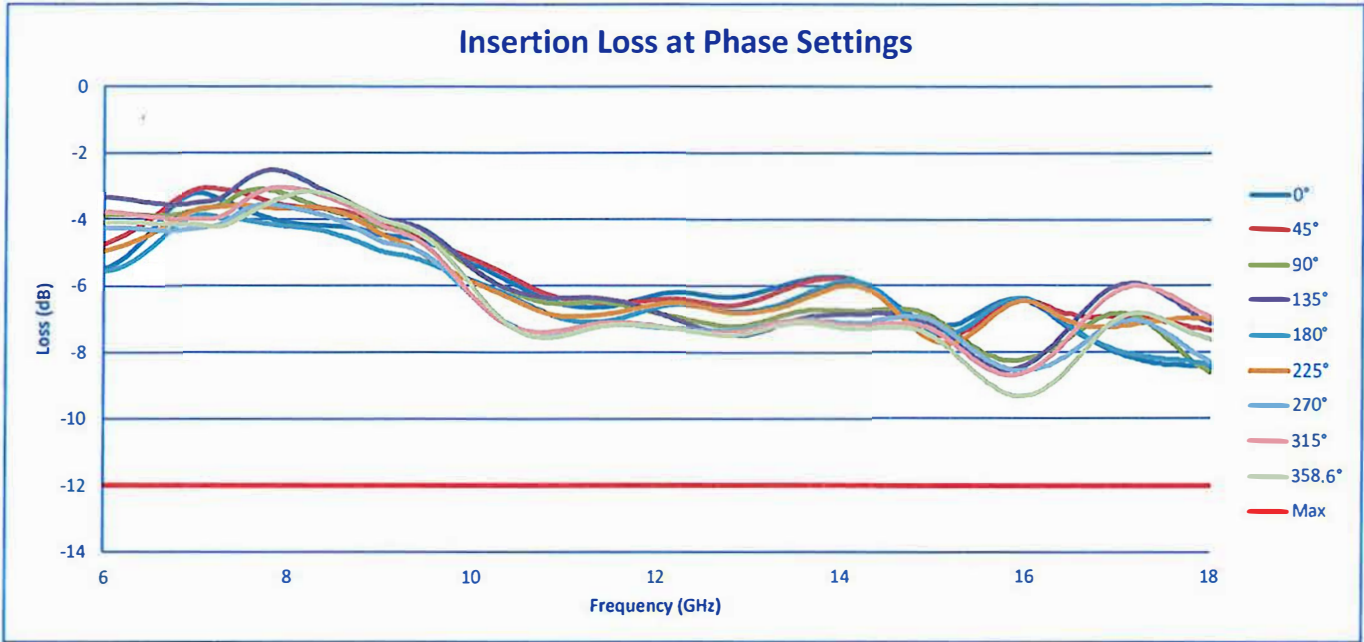
PMI
QA1

Date: 8/18/21



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