

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

Customer: _____	Tested By: <u>K. Mansfield</u>
Job No: _____	Date: <u>Friday, June 21, 2024</u>
Model No: <u>PS-360-DC-3 OPTION 618-15D-10BIT</u>	Temp: <u>25°C</u>
Serial No: <u>PL46841/2425</u>	Drawing No: <u>27634080</u> Rev: <u>A1</u>

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.	10 dB See Plot	
3	VSWR:	2.0:1 Max.	1.4:1 In 1.8:1 Out See Plot	
4	Accuracy:	±15° Max. (Peak to Peak)	+1.6° -11.1° See Plot	
5	PM/AM	±2.5 dB Max.	±1 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 @ 118 mA -15 VDC @ 22 mA	PMI QA4

QA/QC Approval: _____

Cameron Velen

Date: 6/21/24

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