

**SUMMARY TEST DATA
ON
PS-5G18G-400-A-SFF**

Customer: _____
SO No: _____
Model No: PS-5G18G-400-A-SFF
Serial No: PL55358/2537

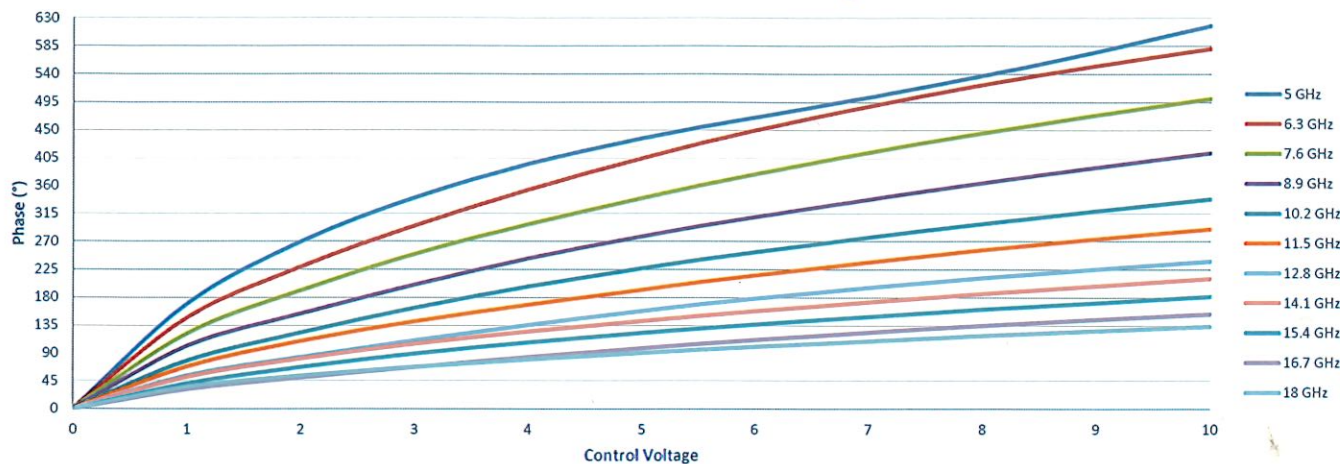
Tested By: K. Mansfield
Temperature: +25°C
Date: 9/11/2025
Drawing No: 27613224 Rev: A1

TEST ITEM NO.	PARAMETERS	SPECIFIED VALUE	TEST RESULTS	QA QC
1	Frequency Range:	5 to 18 GHz	5 to 18 GHz	PMI QA/QC
2	Phase Shift Range: 5 - 10 GHz 10 - 13 GHz 13 - 18 GHz	180° Min., 400° Typ. 135° Min., 200° Typ. 45° Min., 120° Typ.	349° 235° 133° See Plot	
3	Insertion Loss: 5 - 10 GHz 10 - 18 GHz	14 dB Max., 8 dB Typ. 7 dB Max., 4 dB Typ.	14 dB 5 dB See Plot	
4	Return Loss: (In/Out)	8 dB Typ.	5.9 dB 5.9 dB See Plot	
5	Control Voltage Range:	0 - 10 VDC	0 - 10 VDC	
6	Modulation Bandwidth:	50 MHz Typ.	See Typical Characteristics	
7	Phase Voltage Sensitivity:	40° / V Typ.	44° / V See Plot	
8	Insertion Phase Temp Sensitivity:	0.5° / V Typ.	See Typical Characteristics	PMI QA/QC

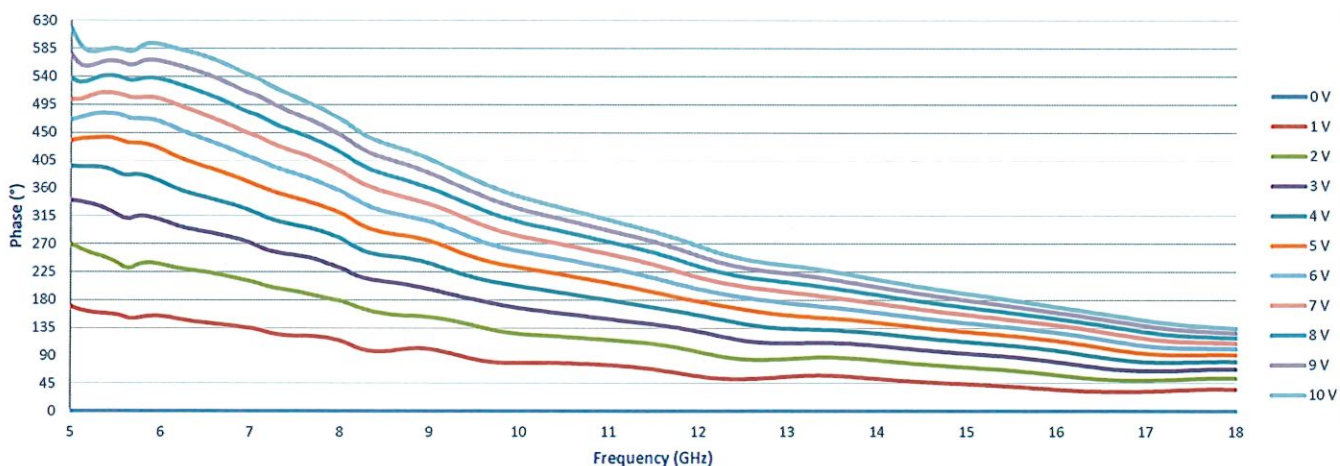
QA/QC Approval: *Cameron Kelley*

Date: 9/16/25

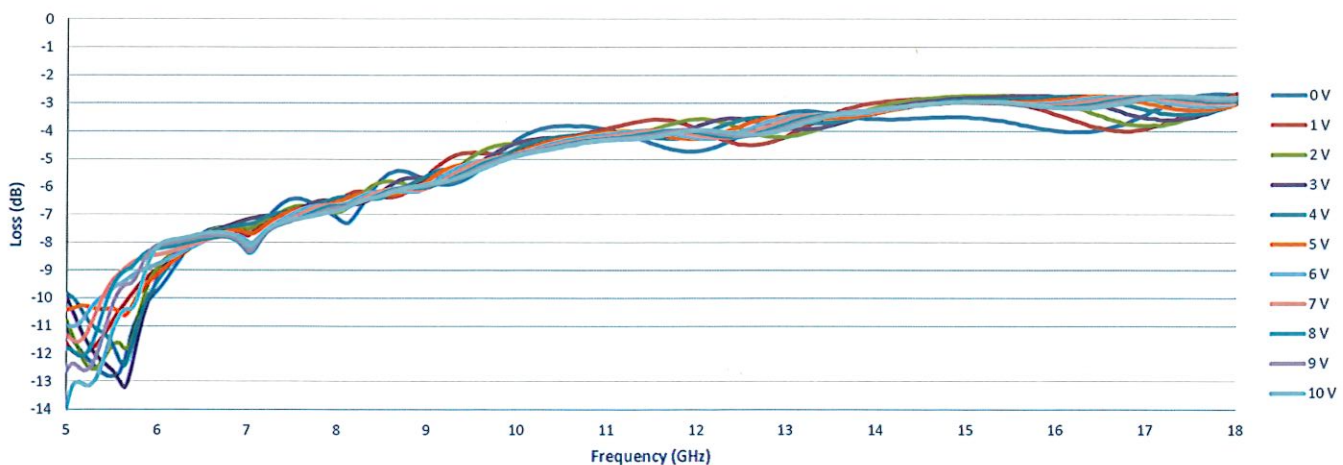
Phase Shift vs. Control Voltage



Phase Shift



Insertion Loss



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