



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

S/N: PL23254/1833

Customer: _____ Tested By: K. Mansfield
SO No: _____ Temperature: +25°C
Model No: PS-5G18G-400-A-SFF Date: 08/17/18
Serial No: PL23254/1833 Drawing No: 27613226 Rev: A1

TEST ITEM NO.	PARAMETERS	SPECIFIED VALUE	MEASURED VALUE	QA/QC
1	Frequency Range:	5 TO 18 GHz	5 to 18 GHz (See Plot)	PMI QA1
2	Phase Shift Range: 5 – 10GHz 10 – 13 GHz 13 – 18 GHz	180° Min, 400° Typ 135° Min, 200° Typ 45° Min, 120° Typ	545° 235° 132° (See Plot)	
3	Insertion Loss: 5 – 10 GHz 10 – 18 GHz	12 dB Max, 8 dB Typ 7 dB Max, 4 dB Typ	11.9 dB 4 dB (See Plot)	
4	Return Loss (In/Out):	8 dB Typ	6 dB (See Plot)	
5	Control Voltage Range:	0 – 10 VDC	0 – 10 VDC (See Plot)	
6	Modulation Bandwidth:	50 MHz Typ	50 MHz	
7	Phase Voltage Sensitivity:	40° / V Typ	40° / V	
8	Insertion Phase Temp Sensitivity:	0.5° / °C Typ	0.5° / °C	PMI QA1

QA/QC Approval: _____

PMI
QA1

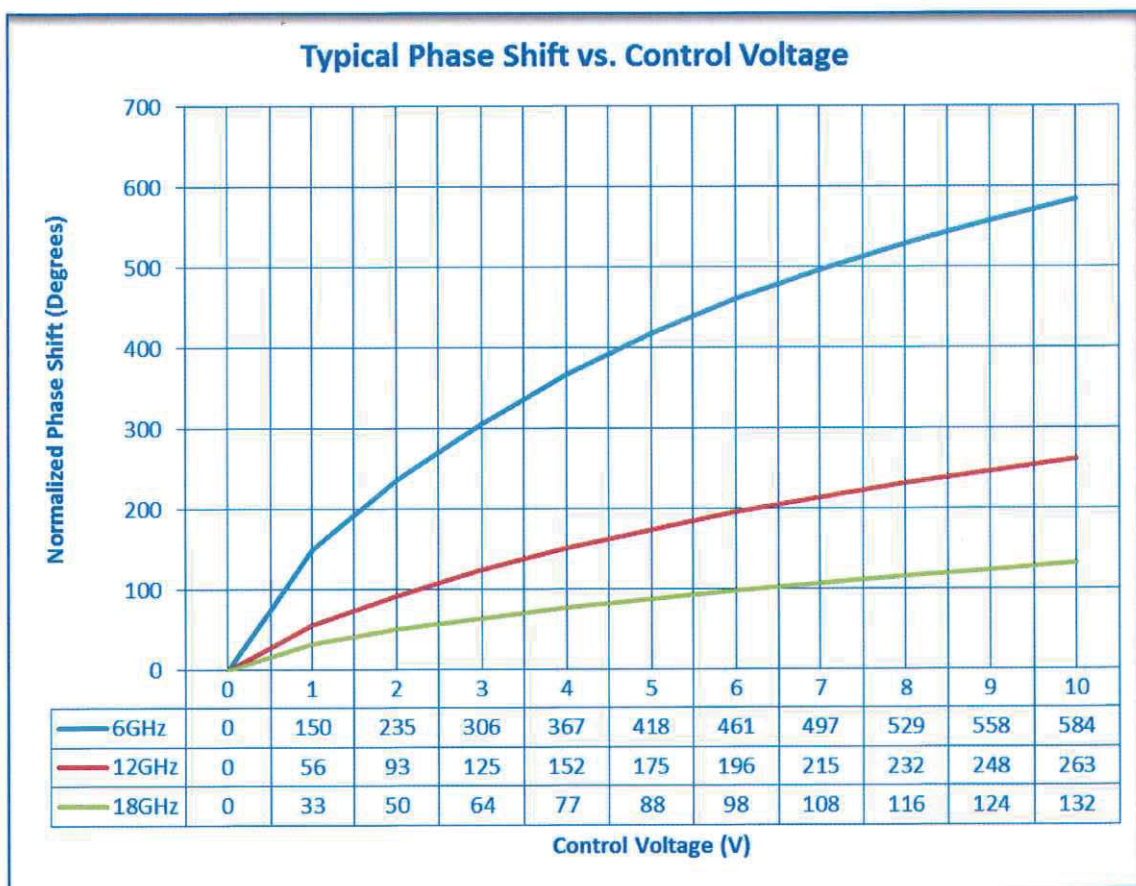
Date: _____

8/17/18



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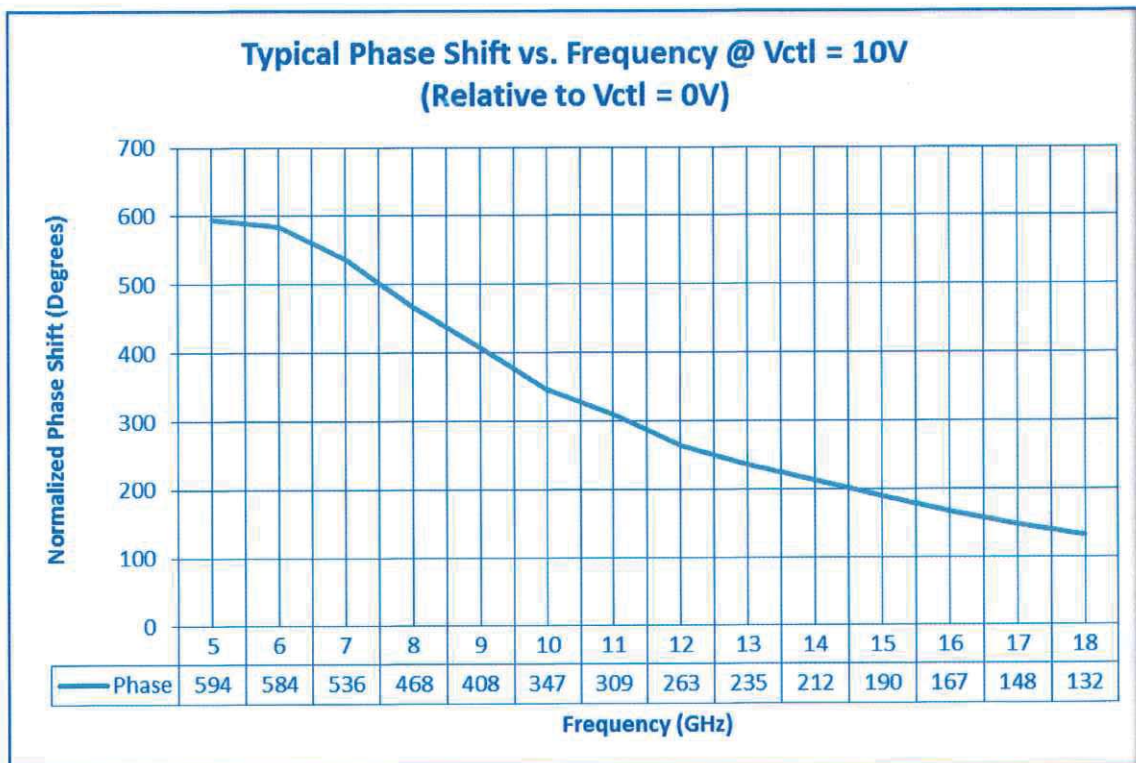
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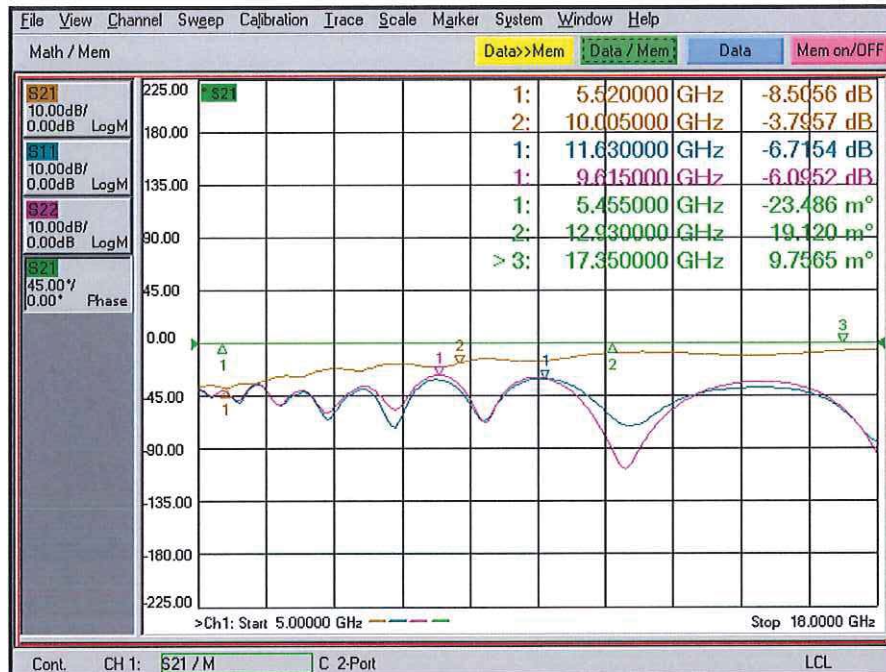




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Phase, Insertion Loss, and Return Loss @ Vctl = 0V



Phase, Insertion Loss, and Return Loss @ Vctl = 2V





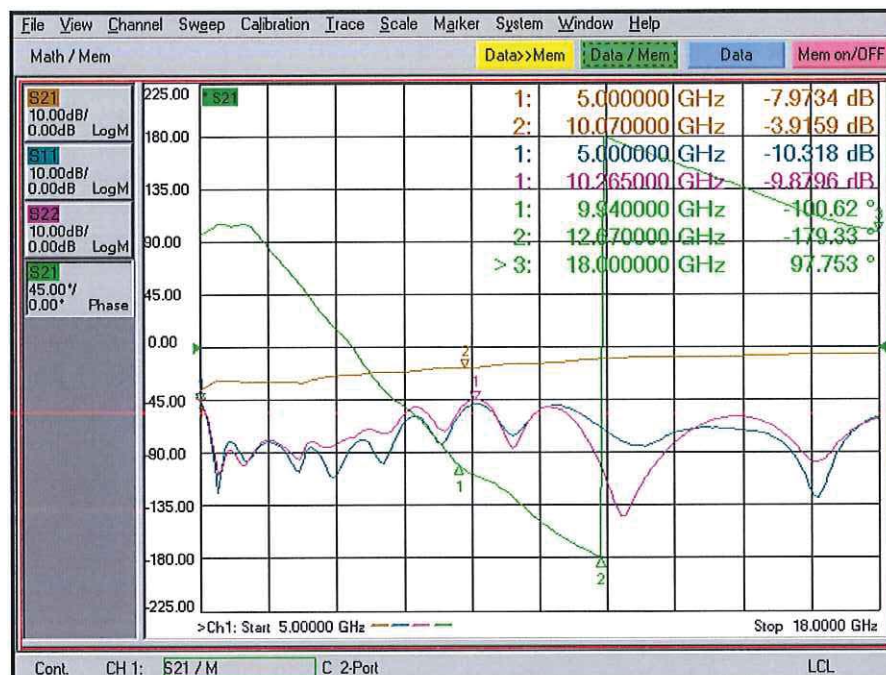
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Phase, Insertion Loss, and Return Loss @ Vctl = 4V



Phase, Insertion Loss, and Return Loss @ Vctl = 6V





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Phase, Insertion Loss, and Return Loss @ Vctl = 8V



Phase, Insertion Loss, and Return Loss @ Vctl = 10V

