



**SUMMARY TEST DATA  
ON  
PDC-418-20-50W-SFF**

Customer: \_\_\_\_\_  
 SO No: \_\_\_\_\_  
 Model No: PDC-418-20-50W-SFF  
 Part: PL31162/2101

Tested By: Bryan K. \_\_\_\_\_  
 Temperature: 25 Degrees C \_\_\_\_\_  
 Date: 1/7/2021 \_\_\_\_\_  
 Drawing No: 27040180 \_\_\_\_\_ REV: A1 \_\_\_\_\_

TEST. ITEM NO	PARAMETERS	SPECIFIED VALUE	Test Results	QA QC
1	Frequency Range:	4 TO 18 GHz	4 TO 18 GHz	PMI QA 2
2	Insertion Loss:	0.7 dB MAX.	0.52 dB (See Plot)	
3	Coupling Factor:	20 ± 0.7 dB MAX.	20.58 dB (See Plot)	
4	Coupling Sensitivity:	±0.7dB MAX.	±0.24 dB (See Plot)	
4	Directivity:	12 dB MIN.	37.36 dB (See Plot)	
5	VSWR:	Primary 1.41:1 MAX. Secondary 1.41:1 MAX.	1.31:1 IN 1.33:1 OUT	
6	Power Handling:	Incident 50 W MAX. Reflected 2 W MAX.	Pass See Typical Characteristics	
7	Impedance	50 Ω	Pass	

QA/QC Approval: \_\_\_\_\_

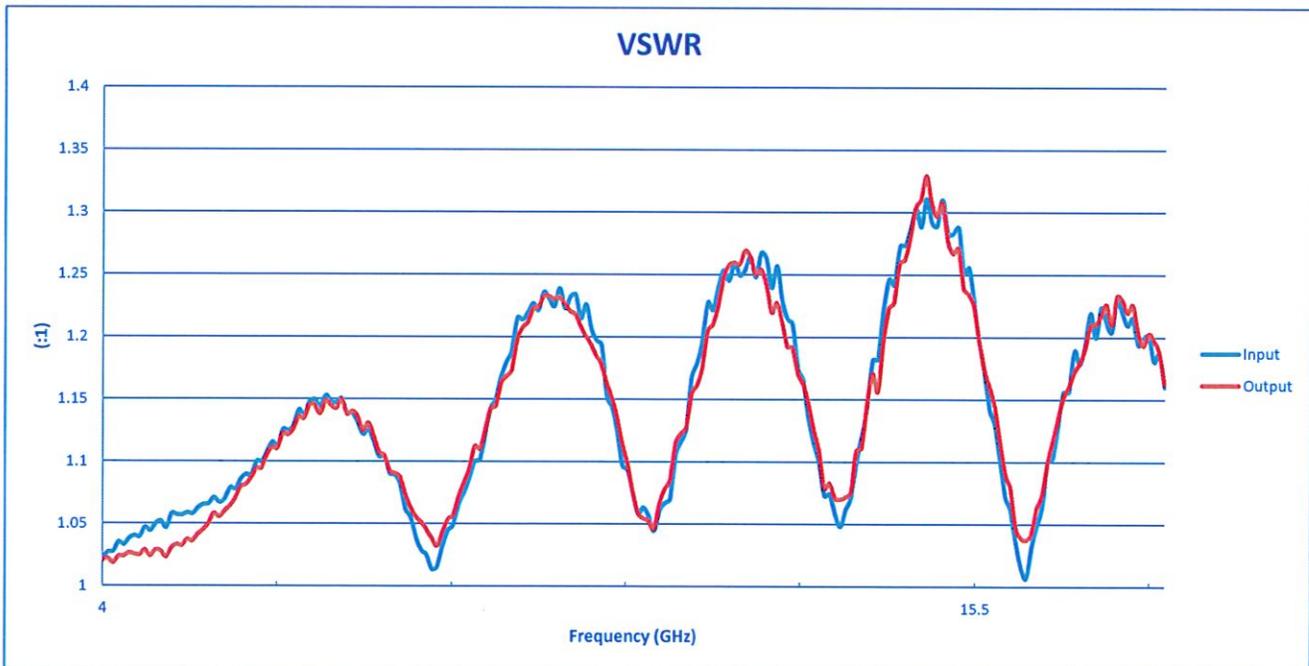
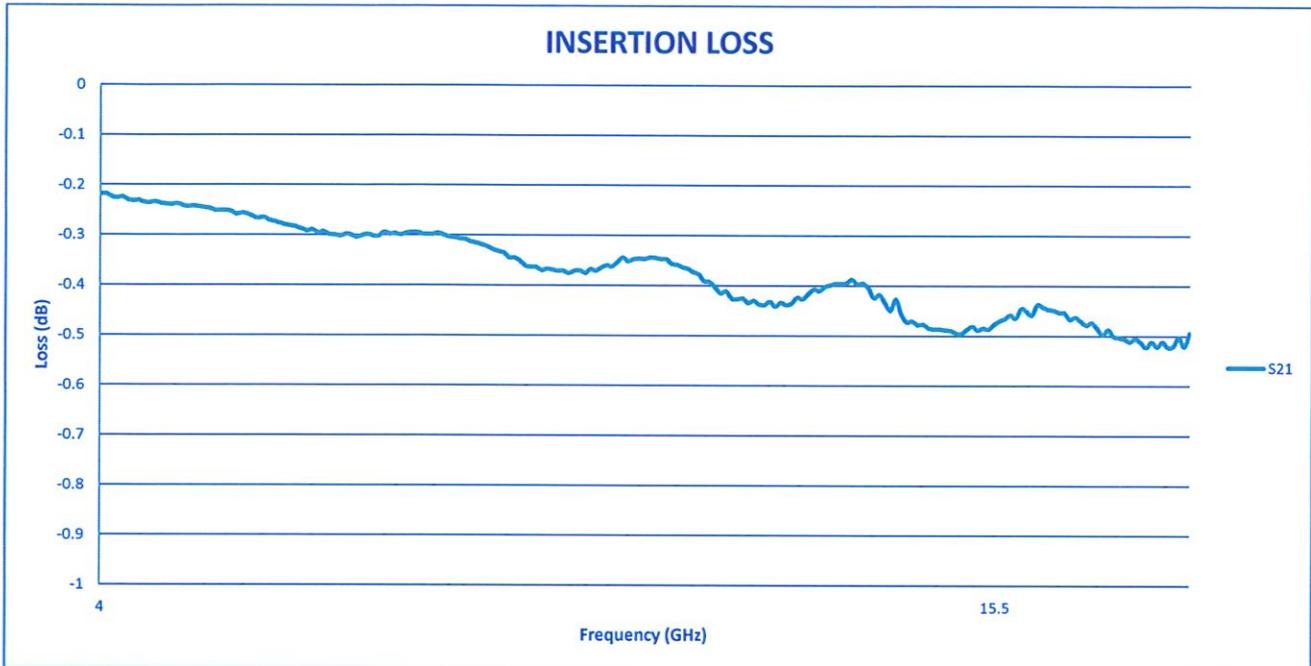
PMI  
QA 2

Date: 1/21/21



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