



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

Customer: \_\_\_\_\_  
 SO No: \_\_\_\_\_  
 Model No: PDC-418-20-50W-SFF  
 Serial No: PL38132/2241

Tested By: Tin M. L  
 Temperature: +25°C  
 Date: 10/10/2022  
 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 QA2	
2	Insertion Loss:	0.7 dB MAX (Excluding Coupled Power 0.04dB)	0.38 dB (See Plot)		
3	Coupling Factor:	20 ±0.7 dB MAX.	20 ±0.33 dB See Plot		
4	Coupling Sensitivity:	±0.7 dB MAX.	±0.31 dB (See Plot)		
5	Directivity:	12 dB MIN.	37.1 dB See Plot		
6	VSWR:	Primary 1.4:1 MAX. Secondary 1.4:1 MAX.	1.28:1 1.29:1 (See Plot)		
7	Power Handling:	Incident ≤ 50 W Reflected ≤ 2 W	Pass Typical Characteristics		
8	Impedance:	50 Ω	Pass		PMI QA2

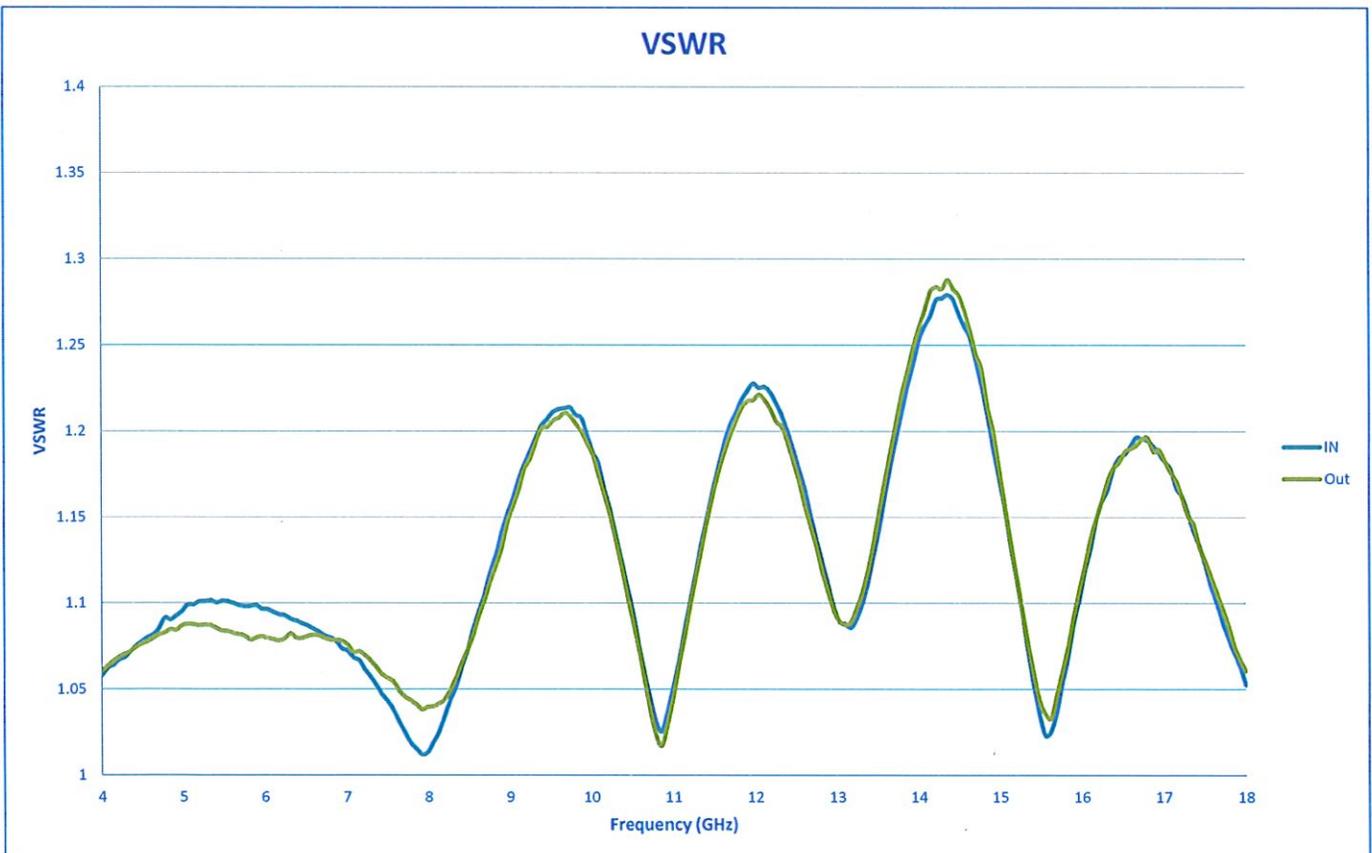
QA/QC Approval:       PMI  
QA2

Date: 10/10/2022



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