



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

Customer: _____
SO No: _____
Model No: PDC-418-20-50W-SFF
Serial No: PL38131/2241

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)	0.37 dB (See Plot)	PMI QA2
3	Coupling Factor:	20 ±0.7 dB MAX.	20 ±0.36 dB See Plot	
4	Coupling Sensitivity:	±0.7 dB MAX.	±0.3 dB (See Plot)	
5	Directivity:	12 dB MIN.	36.7 dB See Plot	
6	VSWR:	Primary 1.4:1 MAX. Secondary 1.4:1 MAX.	1.24:1 1.25:1 (See Plot)	
7	Power Handling:	Incident ≤ 50 W Reflected ≤ 2 W	Pass Typical Characteristics	
8	Impedance:	50 Ω	Pass	

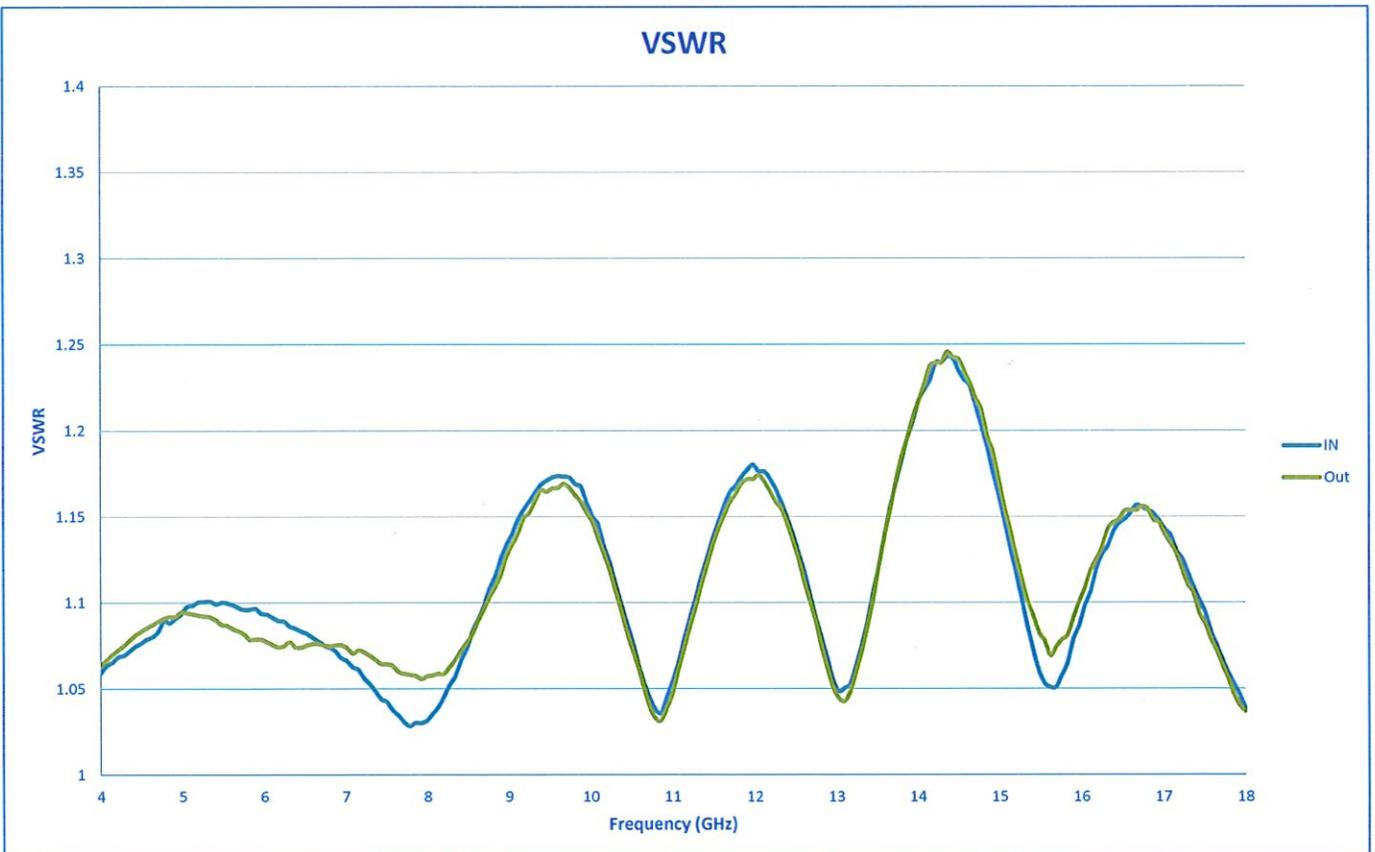
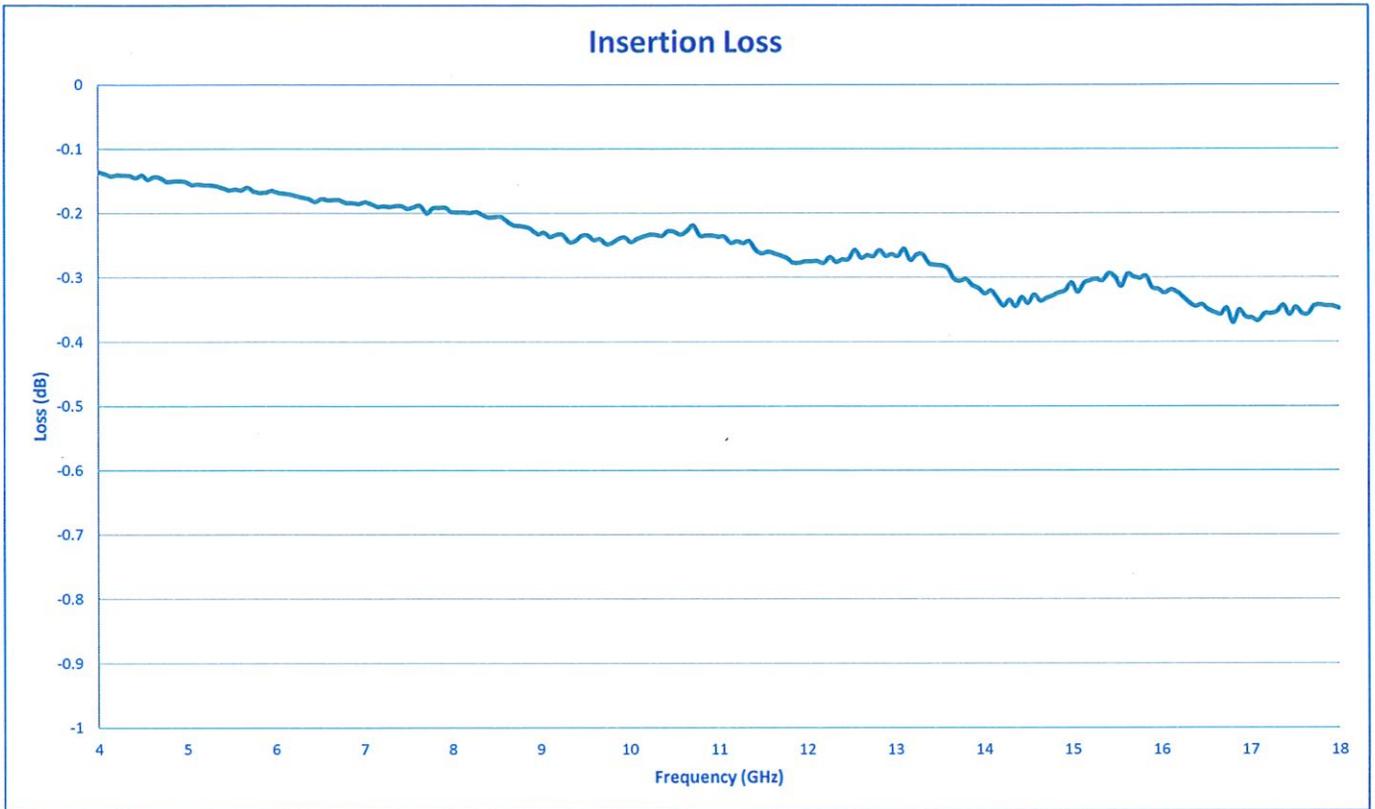
QA/QC Approval:  _____
PMI
QA

Date: 10/12/2022



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