

**SUMMARY TEST DATA
ON
QC-1G18G**

Customer: _____
 SO No: _____
 Model No: QC-1G18G
 Serial No: PL52531/2516

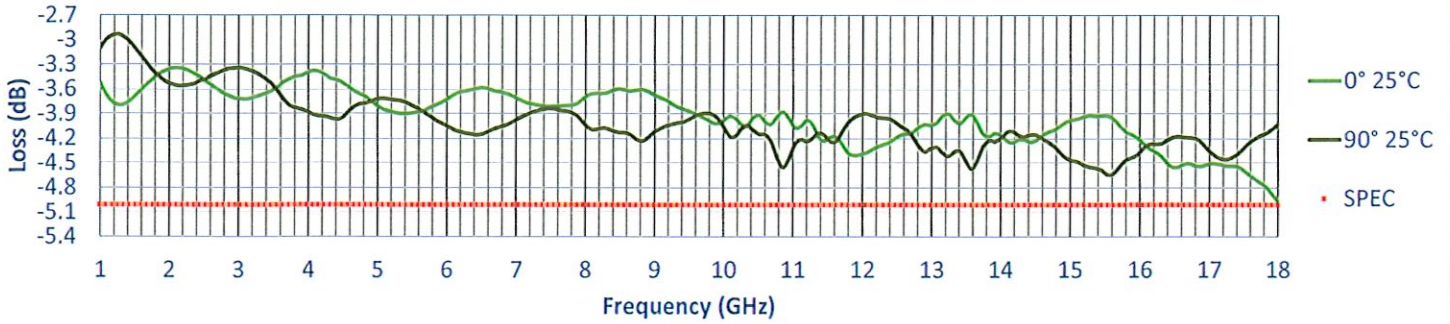
Tested By: E. Kretz
 Temperature: 25°C
 Date: 4/15/2025
 Drawing: 27650380 Rev: A1

TEST ITEM NO.	PARAMETERS	SPECIFIED VALUE	TEST RESULTS	QA/QC	
1	Frequency Range	1 GHz to 18 GHz	1 GHz to 18 GHz	PMI QA2	
2	Isolation	16 dB Min.	18.4 dB		
3	VSWR	1.6:1 Max.	1.35:1 In 1.41:1 Out		
4	Coupling	3 dB	3 dB		
5	Insertion Loss	2 dB Max.	1.96 dB		
6	Power	300 W CW Max. 3000 W Peak Max.	Pass See Typical Characteristics		
7	Amplitude Balance	±0.9 dB Max.	±0.47 dB		
8	Phase Balance	±8° Max.	±1.72°		PMI QA2

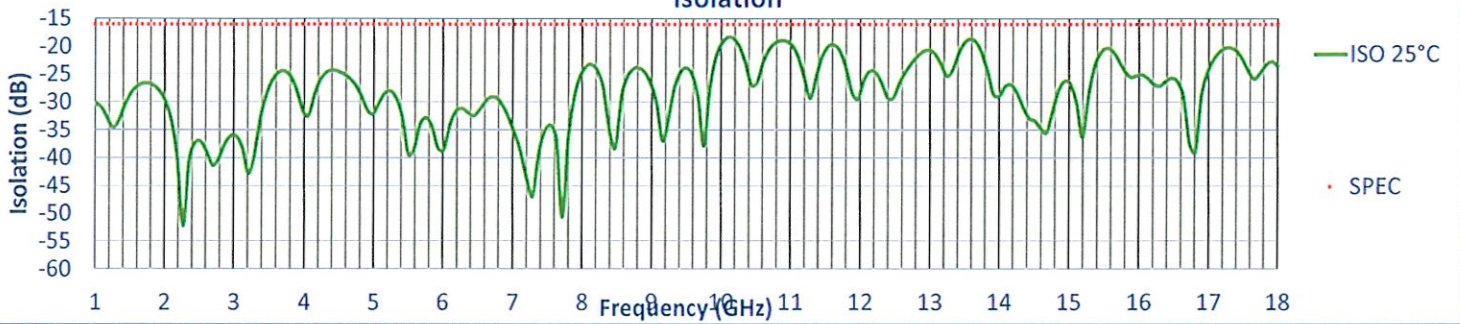
QA/QC Approval:  PMI QA2

Date: 4/23/2025

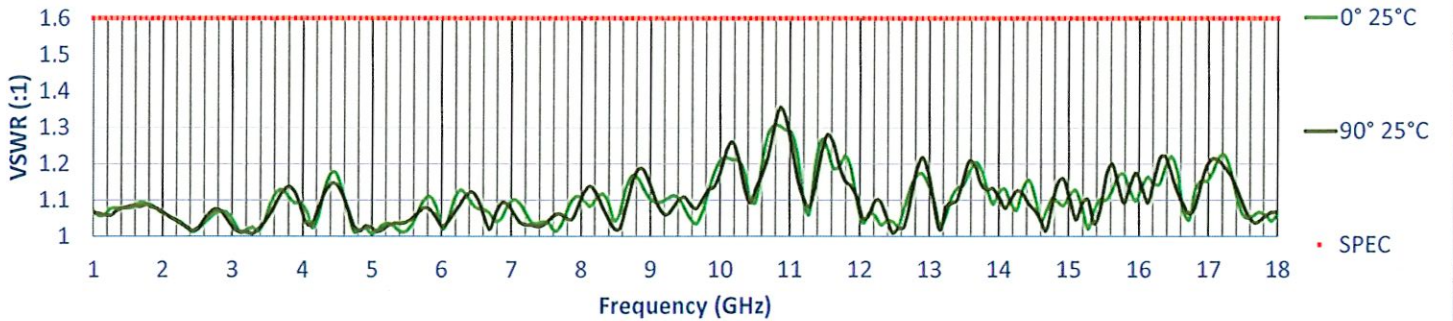
Insertion Loss



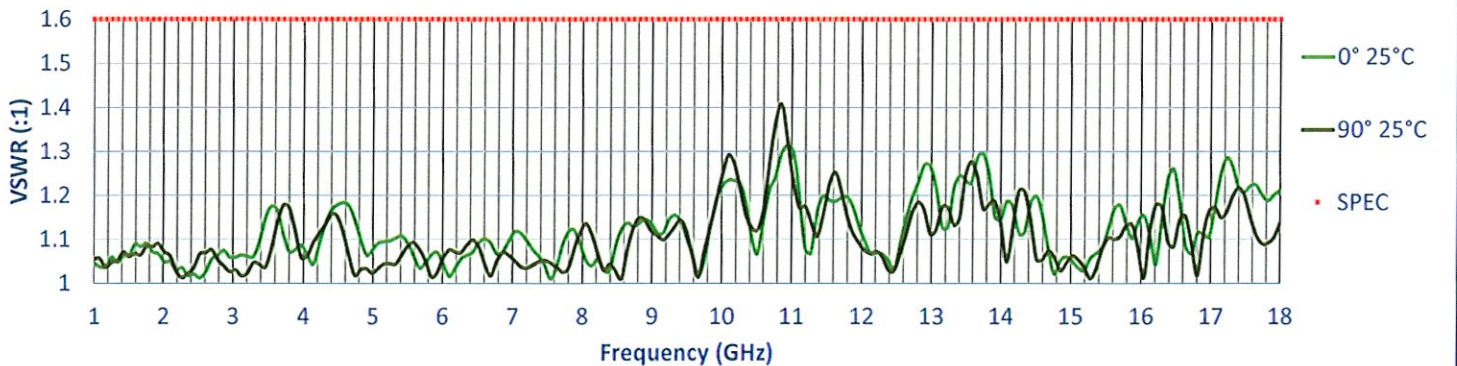
Isolation



Input VSWR



Output VSWR



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Phase Balance

