

SUMMARY TEST DATA ON QC-7G18G-SFF-30W

Customer: _____
 SO No: _____
 Model No: QC-7G18G-SFF-30W
 Serial No: 13089
 Part No: _____

Tested By: Tin Lay
 Temperature: +25°C
 Date: 6/21/2021
 Drawing No: 27625862 Rev: A1

TEST ITEM NO.	PARAMETERS	SPECIFIED VALUE	TEST RESULTS	QA QC
1	Frequency Range:	7.0 to 18.0 GHz	7.0 to 18.0 GHz	PMI QA 2
2	Insertion Loss:	≤1.3 dB	1.02 dB (See Plot)	
3	VSWR:	≤1.4:1	1.39:1 (See Plot)	
4	Nominal Split:	3.01 dB	Pass (See Typical Characteristics)	
5	Isolation:	18 dB Minimum	19.1 dB (See Plot)	
6	Amplitude Balance:	±0.5 dB	±0.35 dB (See Plot)	
7	Phase Balance:	±5°	+0.4° -3.3° (See Plot)	
8	Power Handling:	Average ≤30 W Peak ≤1 kW	Average ≤30 W Peak ≤1 kW	
9	Impedance:	50 Ω	50 Ω	PMI QA 2

QA/QC Approval: _____

PMI
QA 2

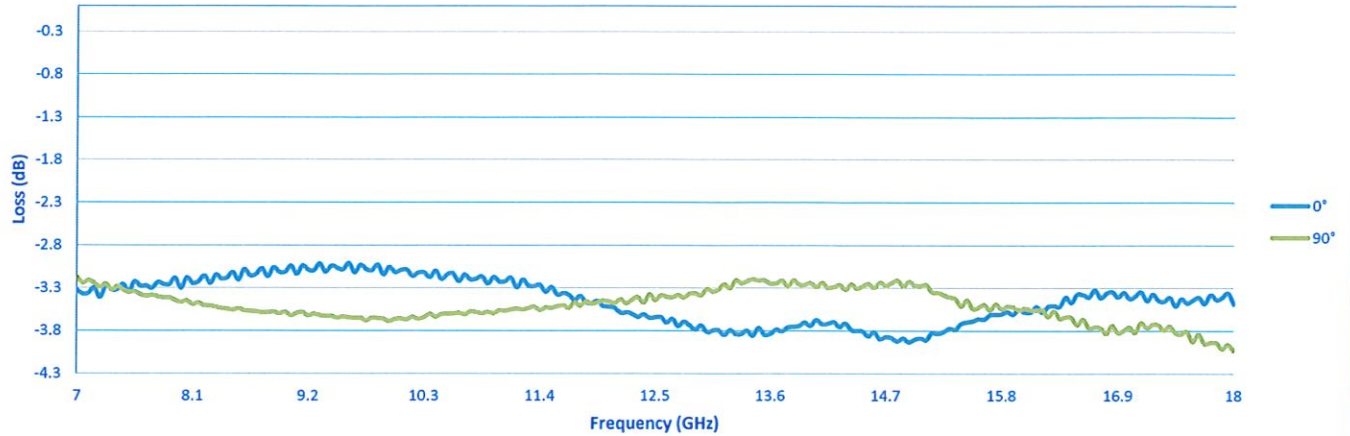
Date: _____

6/23/21

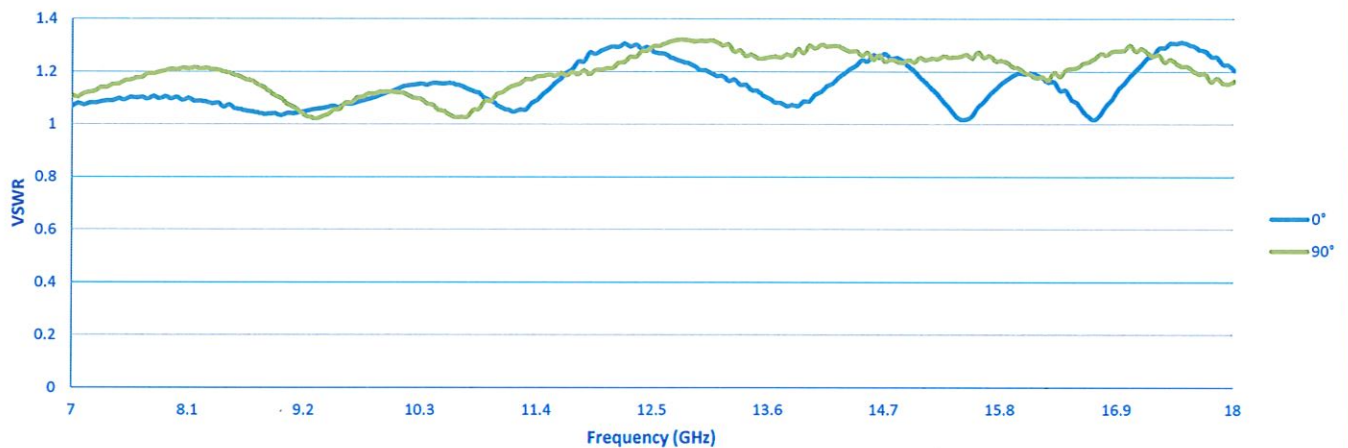
**SUMMARY TEST DATA
ON
QC-7G18G-SFF-30W**

13089

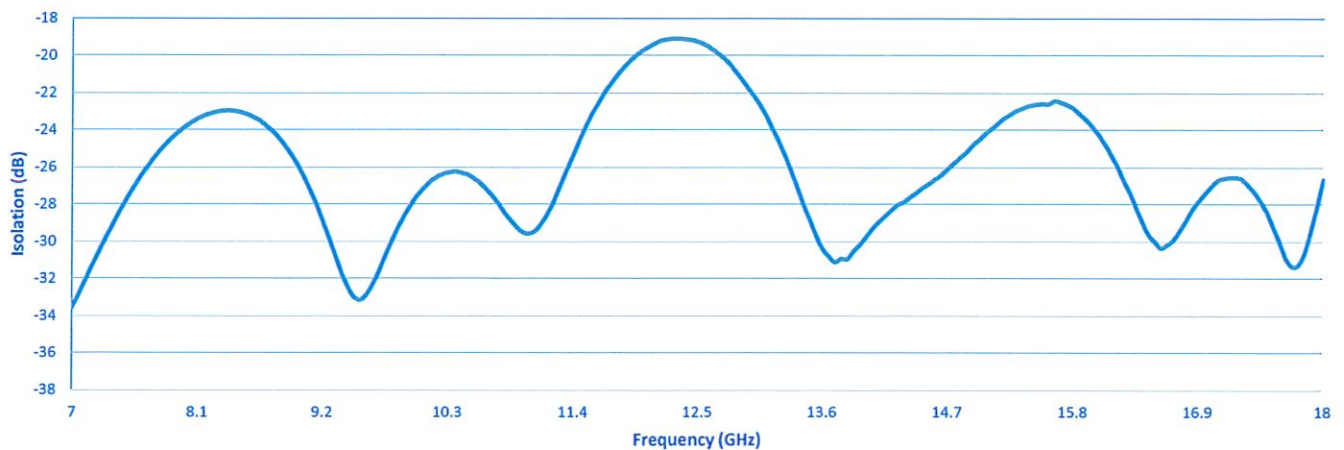
Insertion Loss



VSWR



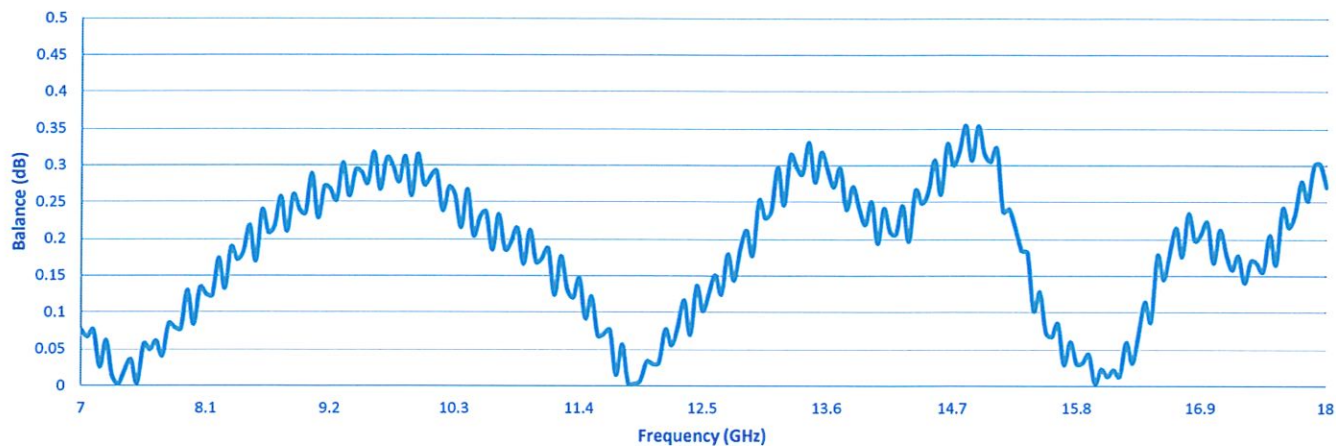
Isolation



**SUMMARY TEST DATA
ON
QC-7G18G-SFF-30W**

13089

Amplitude Balance



Phase Balance

