



**SUMMARY TEST DATA
ON
QC-2G18G-90**

Unit 5

Customer: _____ Tested By: Cody Wenner
SO No: _____ Temperature: +25°C
Model No: QC-2G18G-90 Date: 12/4/18
Serial No: Unit 5 Drawing No: _____ Rev: _____

TEST ITEM	PARAMETERS	SPECIFIED VALUE	TEST MEASUREMENT	QA QC
1	Frequency Range	2.0 to 18.0 GHz	2.0 to 18.0 GHz	
2	Nominal Split	3.01 dB	3.01 dB	
3	Insertion Loss	1.2 dB Max	1.09 dB Max See Plot	
4	Isolation	20 dB Min	21.43 dB Min, 33.37 dB Max. See Plot	
5	Amplitude Balance	±0.5 dB Max	+0.429 dB / -0.415 dB See Plot	
6	Phase Balance	±5°	+0.87° / -1.86° See Plot	
7	VSWR	1.40:1 Max	Input: 1.17:1 Output: 1.24:1 See Plot	
8	Power Handling	Average: 50 Watts Max Peak: 1 KW Max	Average: 50 Watts Max Peak: 1 KW Max	
9	Impedance	50 Ohms	50 Ohms	

QA/QC Approval: _____ Date: _____

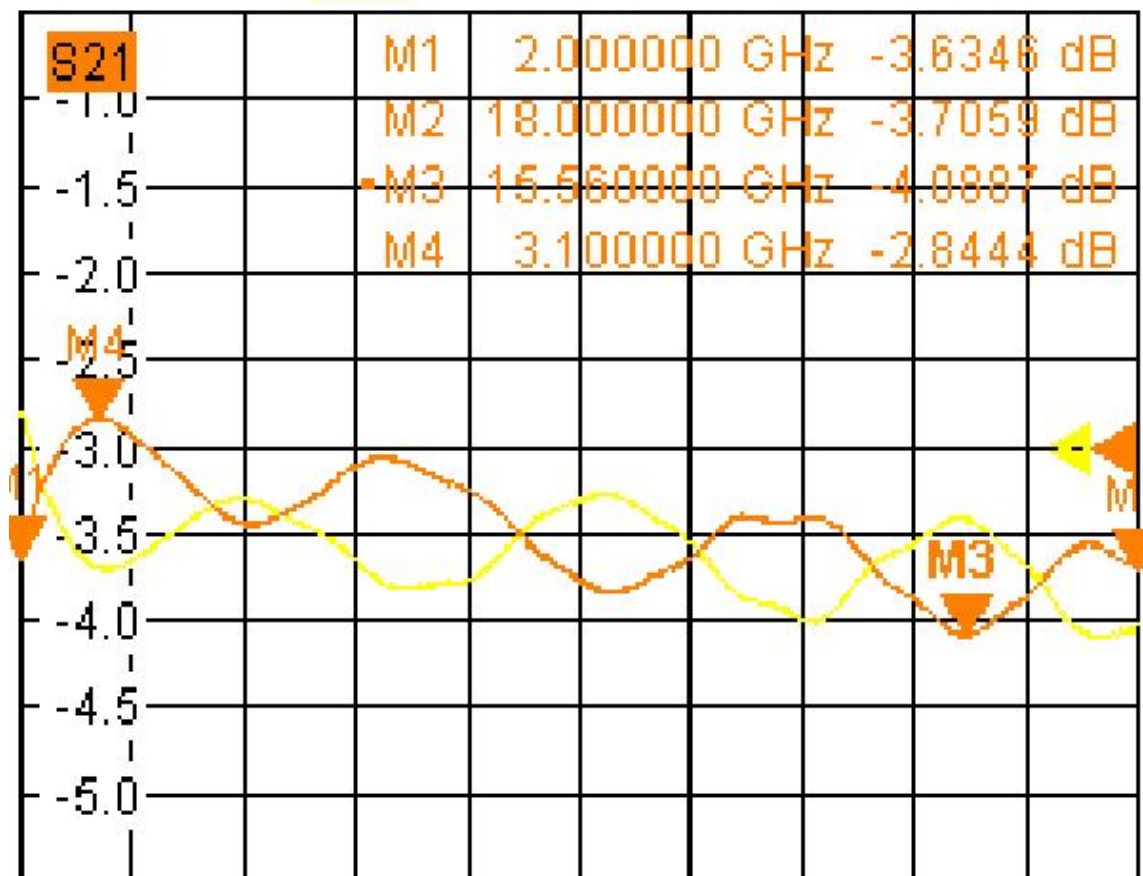


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INSERTION LOSS

Trc3 S21 dB Mag 0.5 dB / Ref-3 dB Cc
Mem5[Trc3] S21 dB Mag 0.5 dB / Ref-3 dB



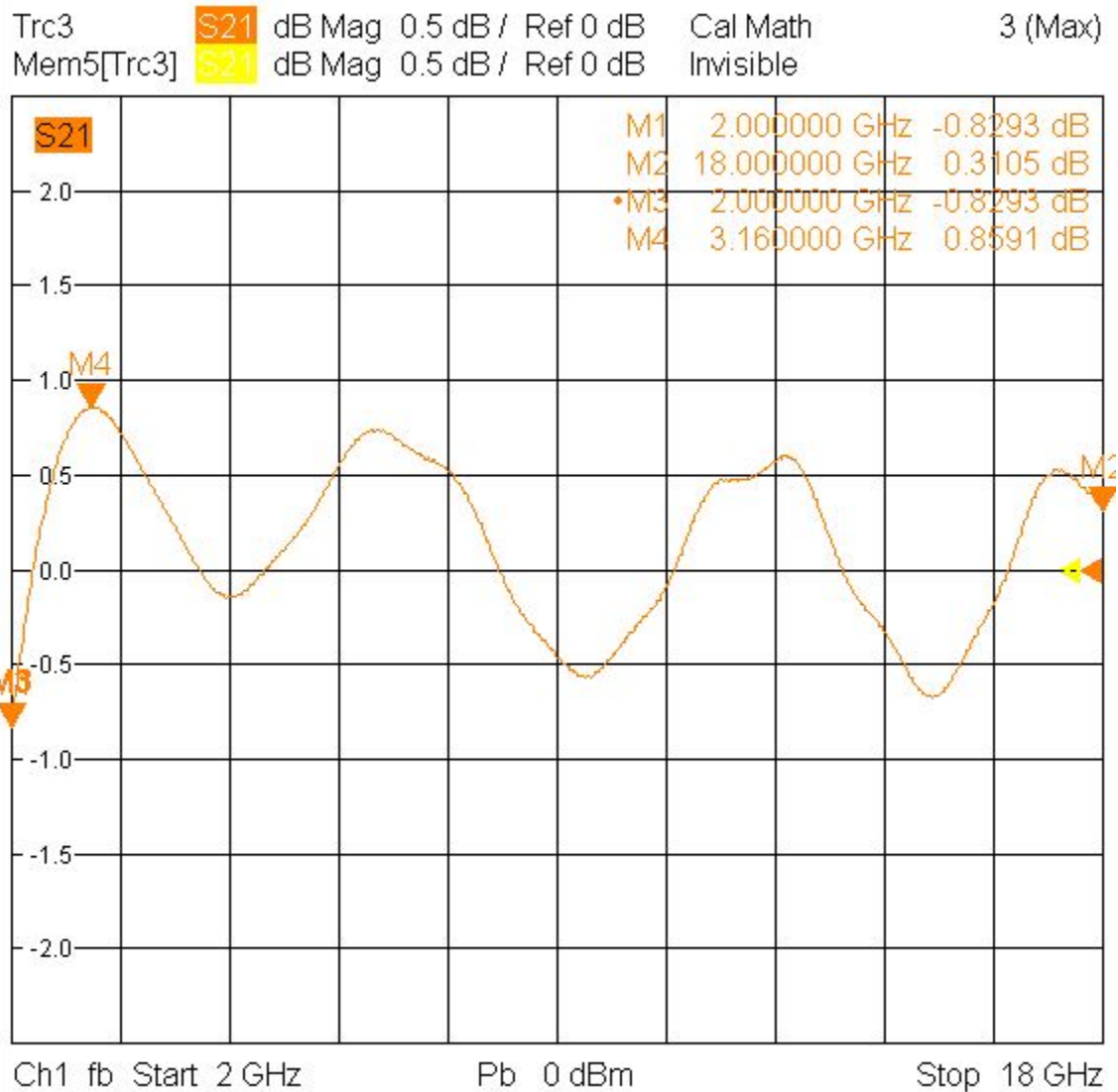
Ch1 fb Start 2 GHz 0 dBm Stop 18 GHz



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AMPLITUDE BALANCE



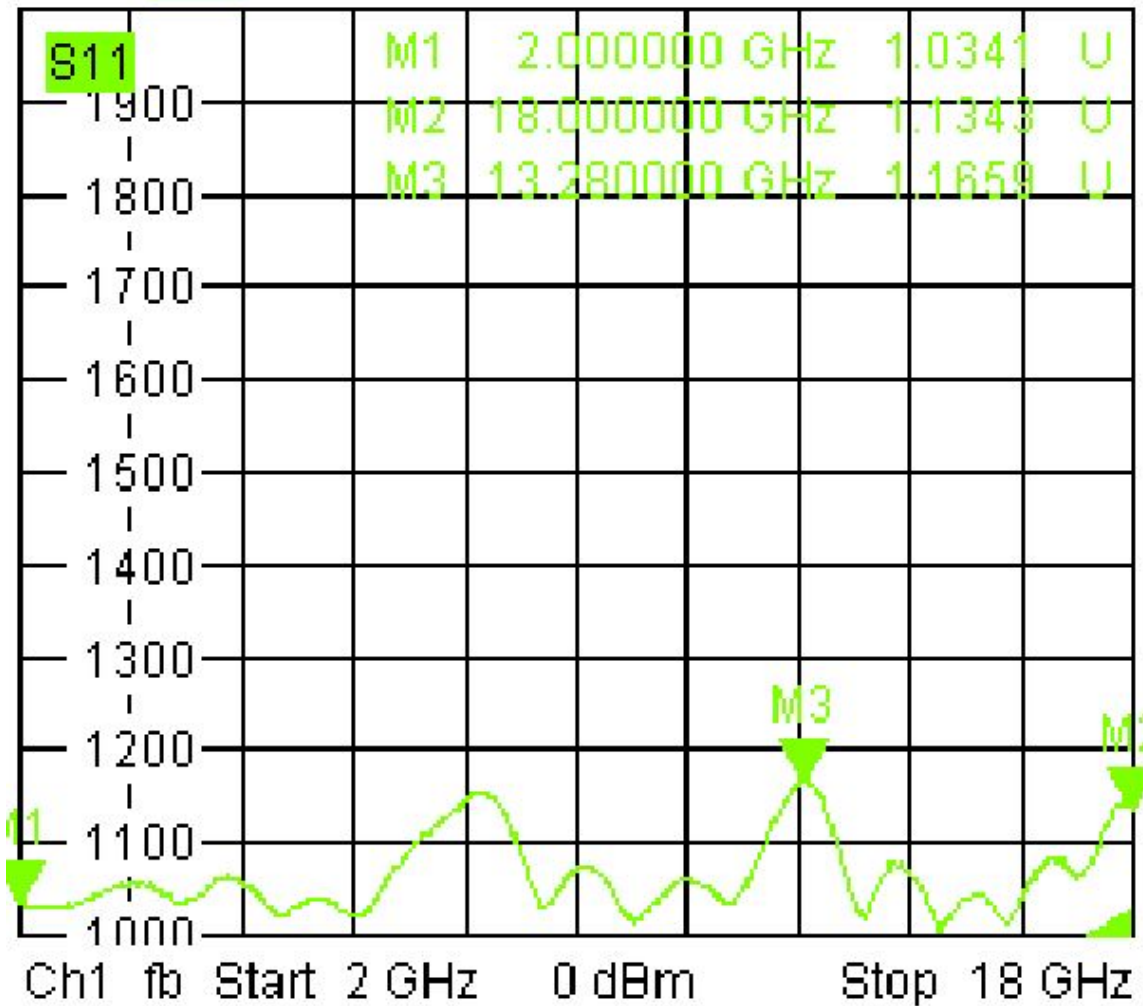


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INPUT VSWR

Trc1 S11 SWR 100 mU/ Ref 1 U Cal 1

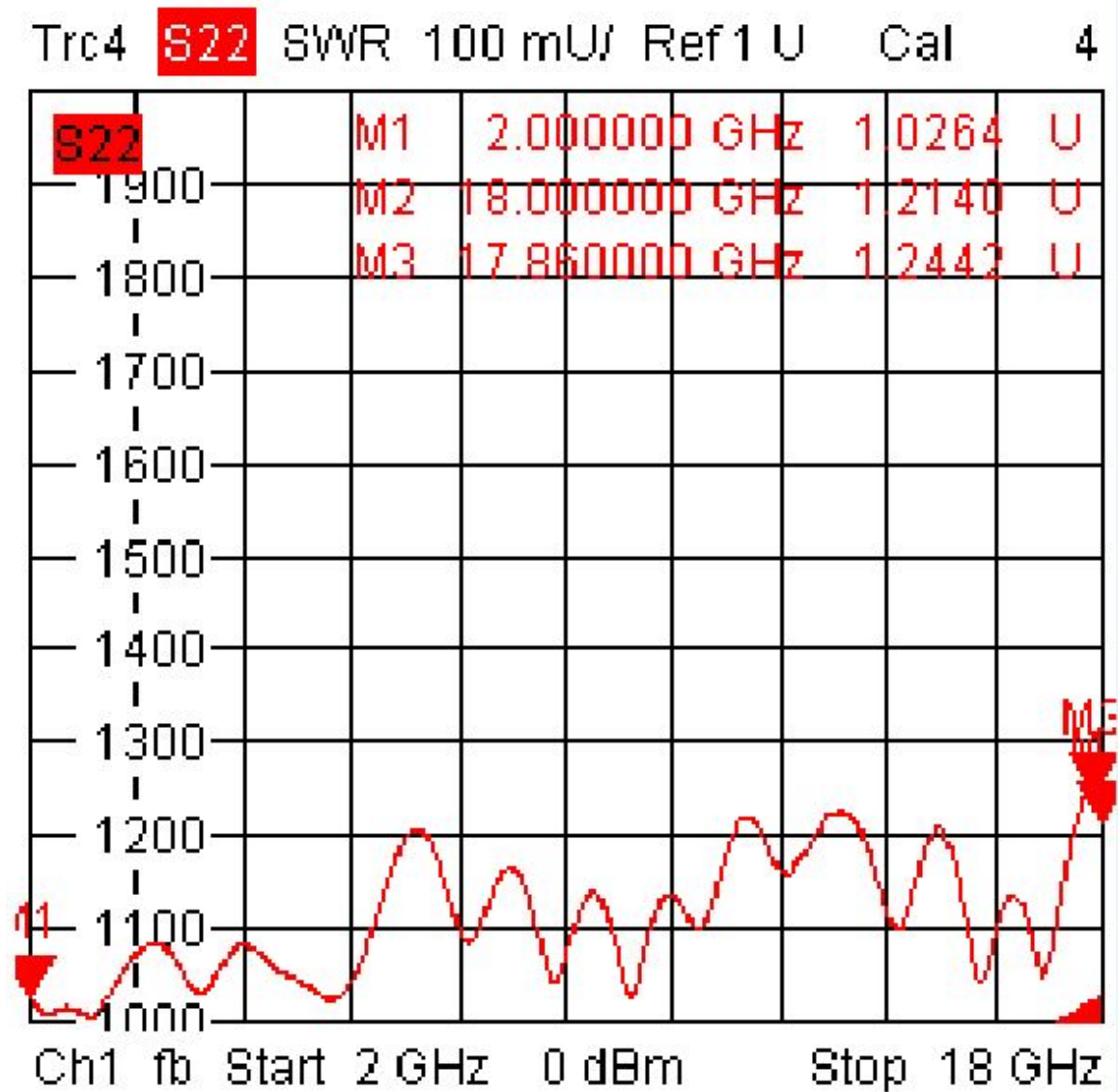




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OUTPUT VSWR



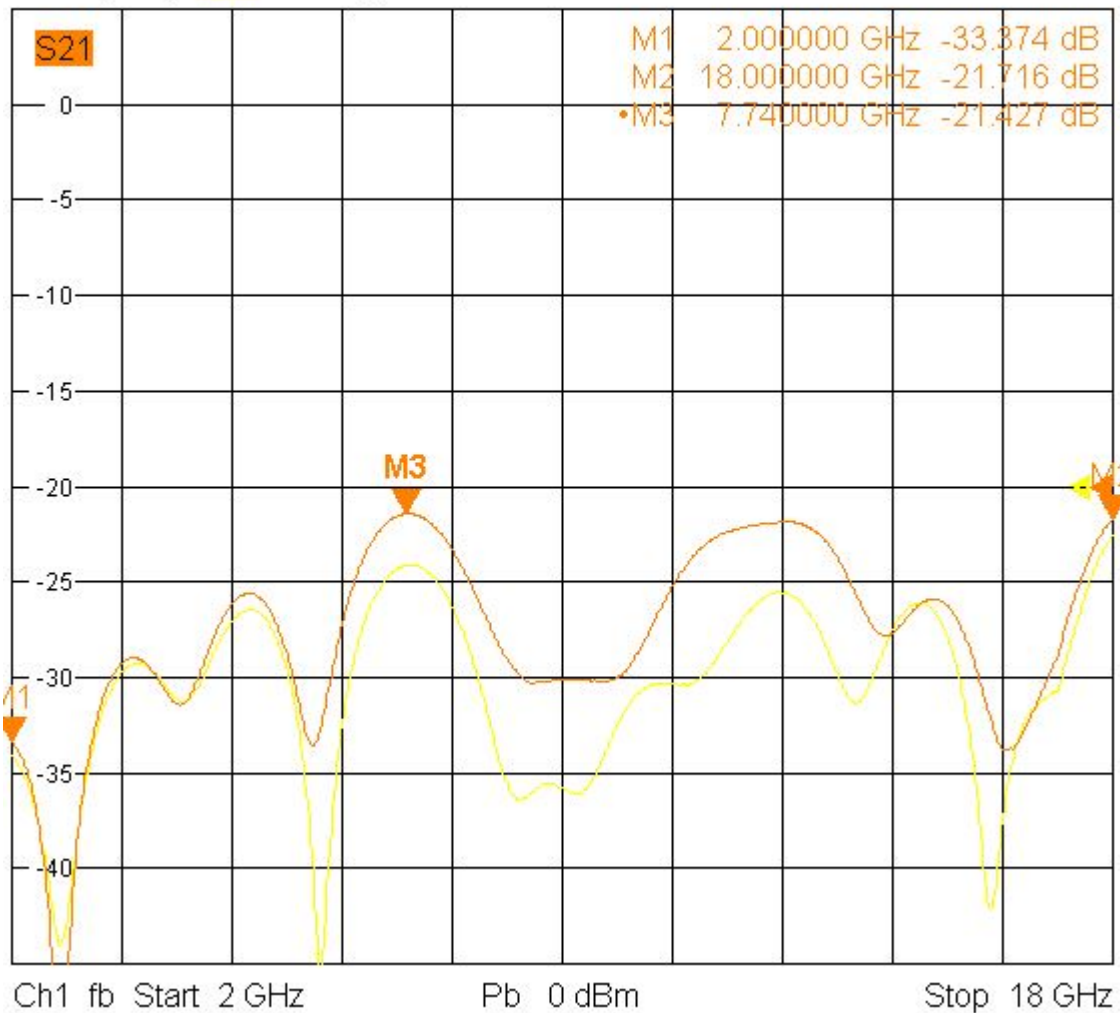


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ISOLATION

Trc3 **S21** dB Mag 5 dB / Ref -20 dB Cal 3 (Max)
Mem5[Trc3] **S21** dB Mag 5 dB / Ref -20 dB





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PHASE BALANCE

Trc2 S21 Phase 5° / Ref 90° Cal Mat
Mem6[Trc2] S21 Phase 5° / Ref 90° Invisibl

