



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

Unit 4

Customer: _____ SO No: _____ Model No: QC-2G18G-90 Serial No: Unit 4	Tested By: Cody Wenner Temperature: +25°C Date: 12/4/18 Drawing No: _____ Rev: _____
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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	1.01 dB Max See Plot	
4	Isolation	20 dB Min	22.02 dB Min, 31.83 dB Max. See Plot	
5	Amplitude Balance	±0.5 dB Max	+0.436 dB / -0.369 dB See Plot	
6	Phase Balance	±5°	+1.9° / -2.2° See Plot	
7	VSWR	1.40:1 Max	Input: 1.19:1 Output: 1.26:1 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:** _____

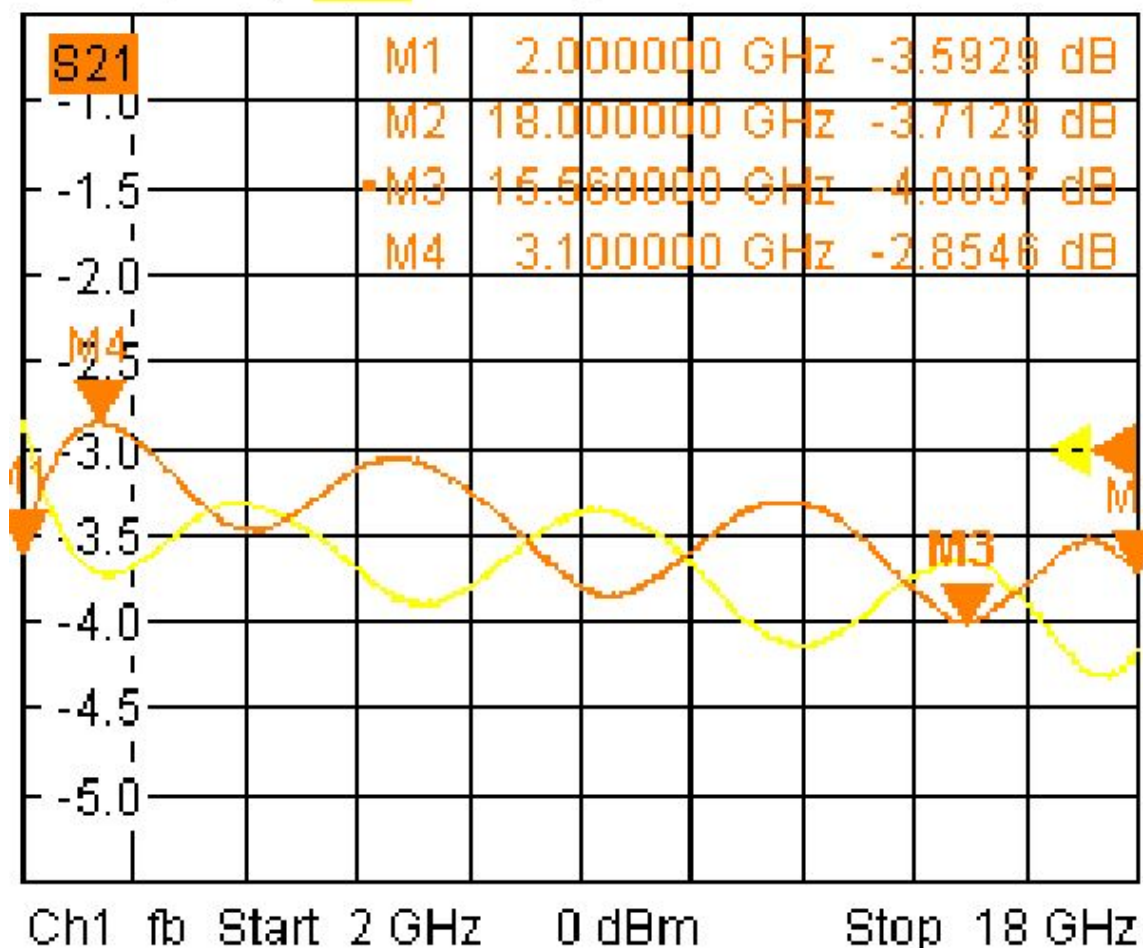


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INSERTION LOSS

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

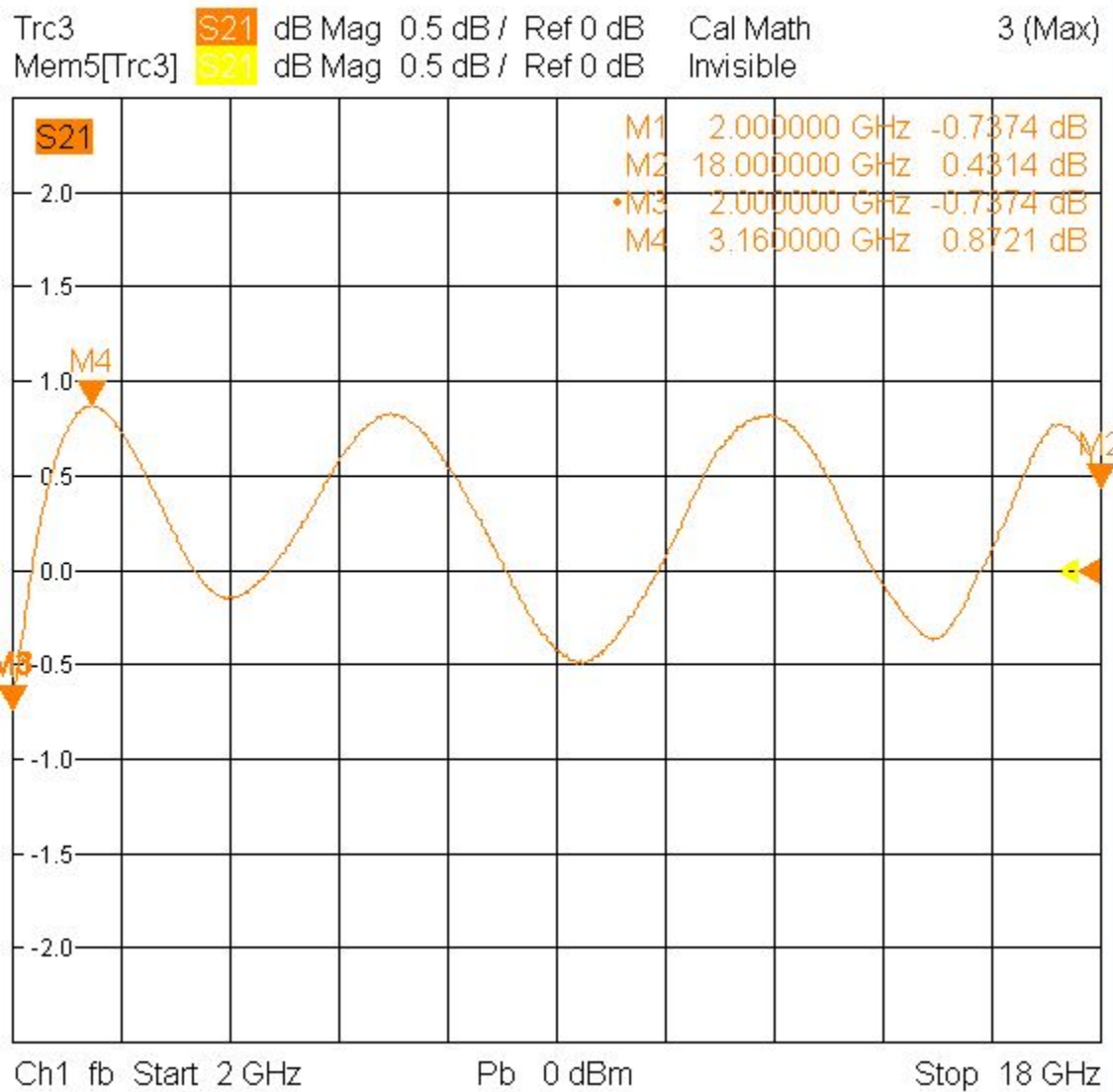




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AMPLITUDE BALANCE

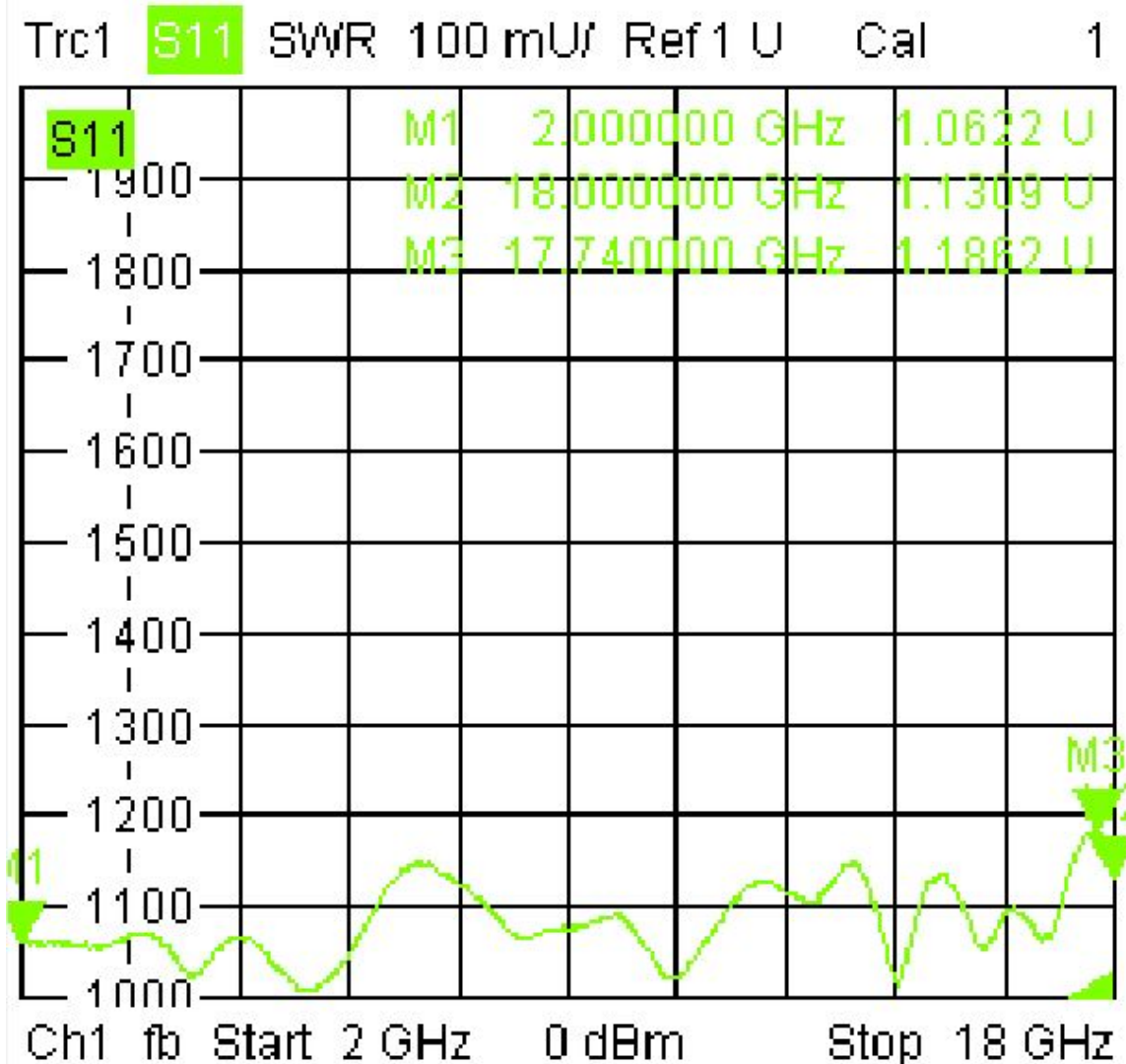




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INPUT VSWR



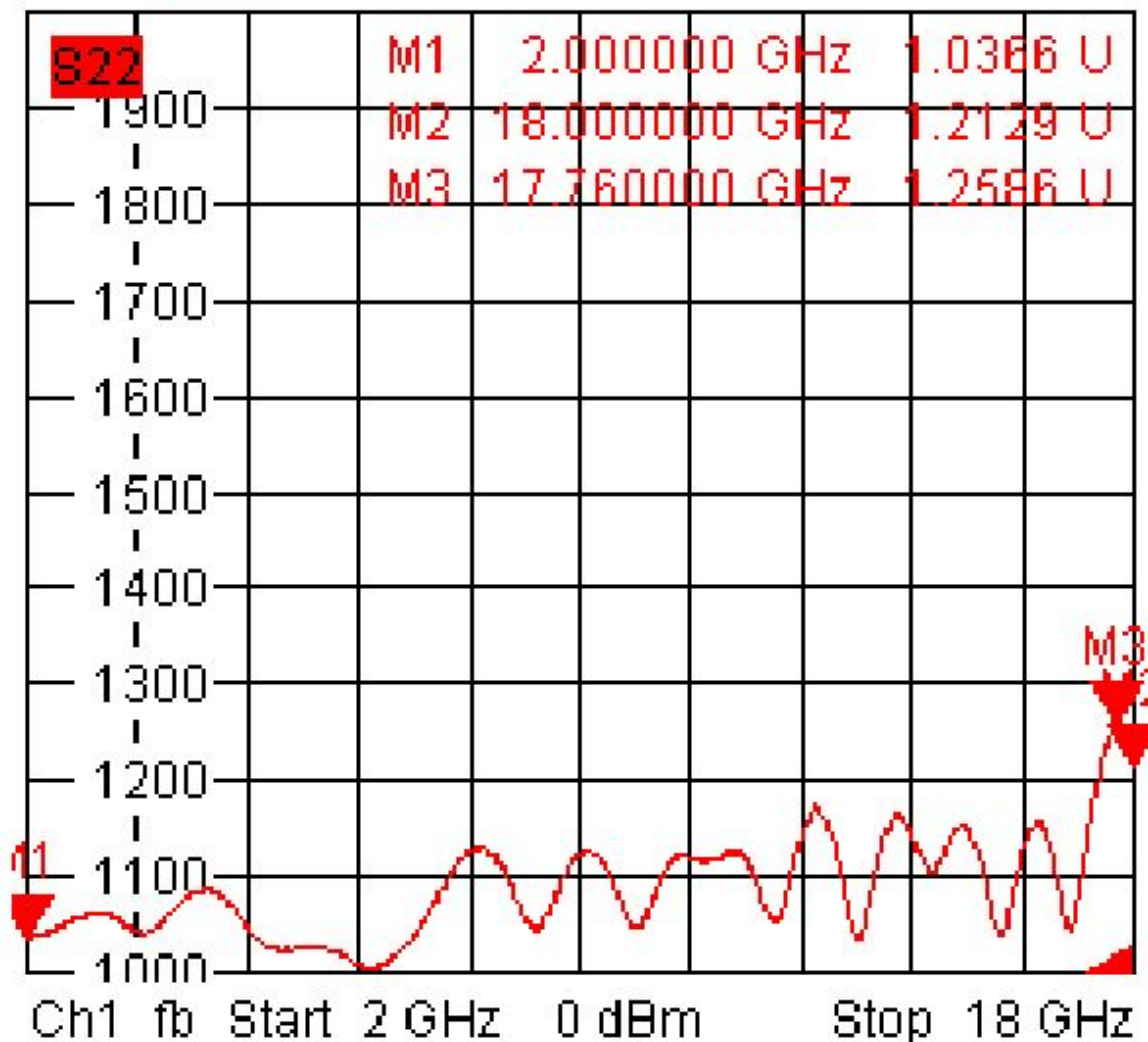


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OUTPUT VSWR

Trc4 **S22** SWR 100 mU/ Ref1 U Cal 4



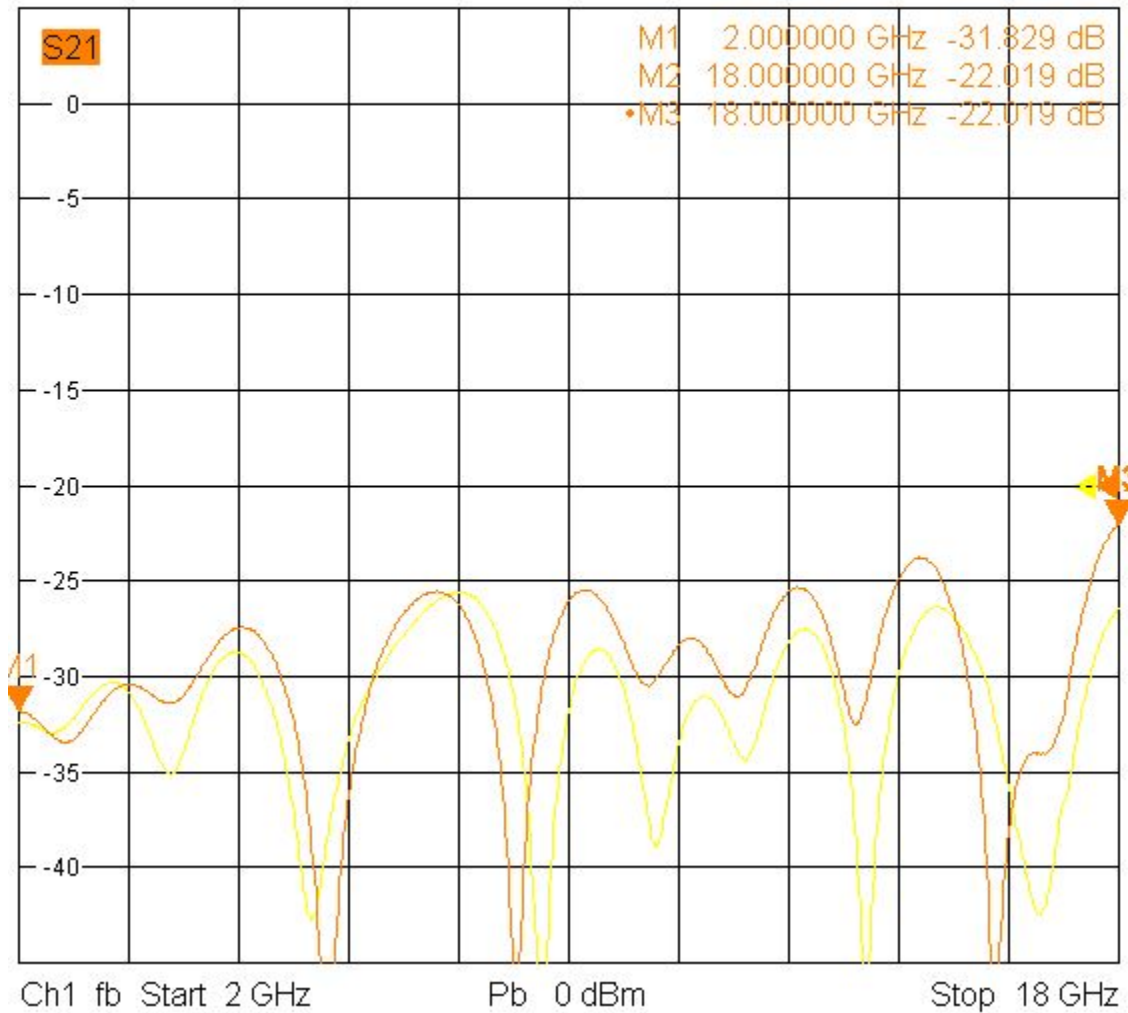


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ISOLATION

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

