



## X4 MULTIPLIER TEST DATA SHEET

Model Number \_\_\_\_\_  
S/N: 1001  
Case Temp +25 C

DC Power: 12.0 Volts  
@ 568 mA,  
Spec. 600 mA Typical

Freq. In GHz	Freq. Out GHz	Power In dBm	Power Out dBm	Return Loss		Harmonics dBc
				In	Out	

### Specification

Start 17.75	71.0	Min +0.0	TYP. +14.0			
Stop 21.5	86.0	Max +5.0		Max -9.54	TYP -6.02	TYP -30

### Data

17.75	71.0	+0	17.6	-10.2	-11.7	<-40
18.75	75.0	+0	18.0	-15.9	-16.8	<-40
19.75	79.0	+0	16.5	-18.0	-9.3	-40
20.75	83.0	+0	14.3	-15.5	-8.3	<-40
21.5	86.0	+0	13.5	-11.9	-8.2	<-40

### Min/Max Data

Min 13.5			
Max 18.0	Max-10.2	Max-5.1	Max-40

Tested By: DB Date: 12-06-13

QA By: [Signature] Date: 12/6/13