



MULTIPLIER TEST DATA SHEET

Model Number [REDACTED] **DC Power:** **+12.0** **Volts**
S/N: **1001** @ **529** **mA,**
Case Temp **+25C** **Spec.** **640** **mA typ.**

Freq. In GHz	Freq. Out GHz	Power Out dBm	Power Out dBm	Return Loss dB		Harmonics dBc		
				In	Out	X1	X2	X4
		@Pin 0 dBm	@Pin+5dBm					

Specification

Start	10.00	30.0	Min. +20.0	Min +20.0					
Stop	11.667	35.0			Max -9.54	Max -7.36	Max -20.0	Max -20.0	Max -20.0

Data

10.0	30.0	20.8	20.8	-16.5	-23.5	-60	-45	-47
10.5	31.5	20.9	20.9	-15.1	-18.1	<-60	-57	<-60
11.0	33.0	20.6	20.9	-15.0	-13.8	<-60	-52	-60
11.5	34.5	20.8	20.8	-15.7	-11.8	<-60	-55	<-60
11.667	35.0	20.5	20.6	-15.8	-12.6	<-60	-52	<-60

Min/Max

Data

Min 20.5	Min 20.6					
Max 20.9	Max 20.9	Max -14.8	Max -11.7	Max -60	Max -45	Max -47

Tested By: [Signature] **Date:** 1-17-11 **QA By:** [Signature] **Date:** 1/17/11