



MULTIPLIER TEST DATA SHEET

Model Number		DC Power:	+12.0	Volts
S/N:	1001	@	228	mA,
Case Temp	+25C	Spec.	250	mA typ.

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

Specification

Start	10.00	30.0	Min. +10.0	Min +10.0					
Stop	11.667	35.0			Max	Max	Max	Max	Max
					-9.54	-7.36	-20.0	-20.0	-20.0

Data

10.0	30.0	11.2	11.8	-16.7	-10.3	-47	-41	-41
10.5	31.5	12.4	12.6	-15.5	-11.5	-49	-49	-50
11.0	33.0	12.7	12.7	-14.9	-14.2	-60	-54	-58
11.5	34.5	11.6	12.0	-15.0	-10.5	-52	-57	-55
11.667	35.0	11.2	11.7	-14.6	-11.0	-51	-62	-58

Min/Max

Data

Min 11.2	Min 11.7					
Max 12.7	Max 12.7	Max	Max	Max	Max	Max
		-14.6	-9.8	-47	-41	-41

Tested By: *[Signature]* Date: 1-16-11 QA By: *[Signature]* Date: 1/17/11