



**POSITIVE BIAS ONLY
SQUARE-WAVE
LO BUFFER-AMPLIFIER**

AP-0020



Features

- Frequency Range 5.0 MHz to 20.0 GHz
- Positive Bias Only Required
- Ultra-Broadband
- Surface Mount Package
- 0 dBm Typical Input Power
- +22 dBm Typical Saturated Output Power
- Buffer- Amplifiers for Mixer LO

Electrical Specifications - Specifications guaranteed from -30 to +70°C, measured in a 50-Ohm system.

Parameter	Frequency (GHz)	Min	Typ	Max
Input (dBm)	.005-20.0		0 to +15	
Saturated Output Power (dBm)				
+7 Volts Bias	.005-20.0	+18	+23	
+6 Volts Bias	.005-20.0	+17	+22	
+5 Volts Bias	.005-20.0	+16	+20	
Bias Requirements (mA)				
+5.0 to +7.0 Volts DC			265	

Model Number	Description	Package Style(s) ¹
AP-0020EZ AP-0020EZP	5.0 MHz to 20.0 GHz Amplifier	EZ , EZP

¹Connectorized test fixtures available for most carrier and surface mount packages. Contact factory.

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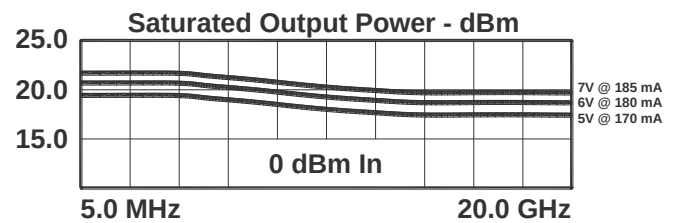
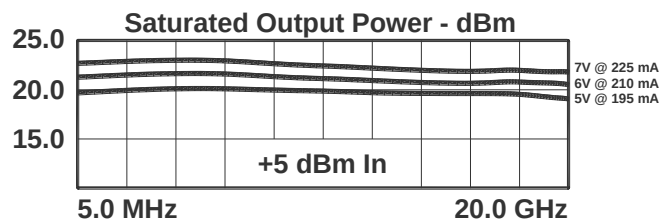
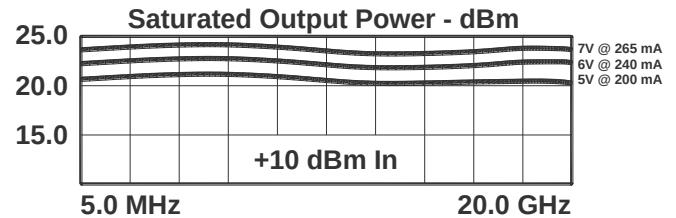
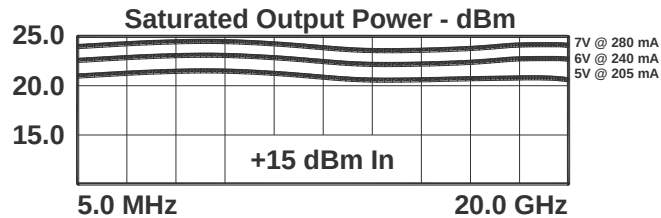
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Page 2

AP-0020

Frequency .005 to 20.0 GHz

Typical Performance



DATA SHEET NOTES:

1. Maximum input power without damage is +18 dBm at +70°C.
2. Specifications are subject to change without notice. Contact Marki Microwave for the most recent specifications and data sheets.

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