

# 802.16



## Linear Amplifier Solutions

Microwave Technology, Inc. (MwT),  
a major supplier of high linearity

SMT wireless power  
amplifiers, has  
added new products  
to its lines of com-  
mercial wireless and  
WiMax amplifiers.  
(802.16d-2004 std,  
802.16e)

### Typical RF Performance

	Freq (Ghz)	Ga (dB)	P-1dB (dBm)	IP <sub>3</sub> (dBm)	EVM
WPS-252717-82	2.5-2.7	13.0	28.5	45	<2.5% @ 22dBm
WPS-252724-02	2.5-2.7	14.0	36	50	<2.0% @ 29dBm
WPS-252724-99	2.5-2.7	14.0	36	50	<2.0% @ 29dBm
MPS-343717-82	3.4-3.7	12.5	29	45	<2.5% @ 22dBm
MPS-343617-82	3.4-3.6	13.0	29	48	<2.5% @ 22dBm
MPS-363817-82	3.6-3.8	13.0	29	48	<2.5% @ 22dBm
WPS-343722-02	3.4-3.7	10.0	32	47	<2.5% @ 26dBm
WPS-343724-99	3.4-3.7	14.0	36	50	<2.0% @ 29dBm
WPS-343724-02	3.4-3.7	14.0	36	50	<2.0% @ 29dBm
WPS-495917-02	4.9-5.9	13.0	28.5	44	<2.0% @ 22dBm
WPS-495922-02	4.9-5.9	10.0	32	47	<2.0% @ 26dBm
MWT-1789HL	0.9-4.0**	14.0***	28	46	<2.5% @ 22dBm
MWT-1789LN*	0.9-4.0**	16.0***	28	46	<2.5% @ 22dBm

(\* noise figure = 1.3dB @2.0Ghz) (\*\* freq. range is partitioned for cellular and WiMax) (\*\*\*) @ 2.0 Ghz)

Please contact our sales department for details on these and other MwT wireless and commercial telecom amplifier products. Application notes, samples and evaluation boards are available. Call or visit our website at [www.mwtinc.com](http://www.mwtinc.com).

**MwT**  
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