



RF Digital Power Meter

OHPM3000 Series

- Support 2G, 3G and 4G (LTE-FDD, LTE-TDD), and railway band GSM-450R.
- Combined power measuring range as high as 70 dB (-20 dBm \sim $+50$ dBm) and overlapping range of 20 dB.
- Power simulation can be made at any time for different transmitters or remote units (RU) when checking or spotting link power.
- Long time online monitoring.
- Independent online monitoring function.
- User-friendly interface (USB), high-definition color LCD display.

Model	OHPM3202	OHPM3301	OHPM3302	OHPM3201
Instrument Form	In-line Type			Probe Type
Frequency Range	400 MHz - 3 GHz		700 MHz - 3 GHz	
4G Compatibility	2G, 3G	2G, 3G, 4G (LTE-FDD/LTE-TDD)		2G, 3G
RF Power Range	1 mW ~ 250 W (Correction factor = 1)	0.001 mW ~ 1300 mW (Correction factor = 1.0)	1 mW ~ 160 W (Correction factor = 1)	1 mW ~ 160 W
Correction Factor	1-100	0.1-10	1-100	
Maximum Input Power	500 W			
Resolution	0.01 dBm or 0.001 W	0.01 dB or 0.001 mW	0.01 dBm or 0.001 W	
Measurement Mode	Average	Peak Value	Burst Average	
Measurement Accuracy	+/- 4% +/- 5 mW (+15 ~ +35°C)	+/- 3% +/- 5 μW (+15 ~ +35°C)	+/- 3% +/- 5 mW (+15 ~ +35°C)	
	+/- 6% +/- 5 mW (0 ~ 50°C)	+/- 6% +/- 5 μW (0 ~ 50°C)	+/- 6% +/- 5 mW (0 ~ 50°C)	
VSWR Measurement Range	1.05 - 40.0			
Insertion Loss	< 0.05 dB			
Insertion VSWR	< 1.10			
Directivity	> 30 dB			
Peak-To-Average Ratio	> 10 dB			
Burst Pulse Width	150 μs - 4 s			
Burst Frequency	0.2 5 Hz - 1000 Hz			
Pulse Duty Cycle	0.1% - 100%			
CCDF Display Mode	Contrast curve			Non-contrast curve
Nominal Impedance	50 Ω			
RF Connector	Type N (female)			
Auto Power-Off	User selectable			
Internal Memory	150 Files			
Data Storage	50 Days (2 GB SD card)			
Battery Type	Lithium-ion			
Battery Life	> 8 hours (continuous)			
External Power Supply	DC 5 V/2 A			
PC Interface	USB			
Operating Temperature	-10 ~ +50°C (Relative humidity < 95%)			
Storage Temperature	-20 ~ +50°C (Relative humidity < 70%)			
Operating Altitude	5000 m			
Storage Altitude	14000 m			
Esd	> 8 V			
Dimensions	200 mm x 120 mm x 50 mm			105 mm x 94 mm x 43 mm
Weight	800 g			600 g