PMM 6600

RF POWER METER
from 10 kHz to 1000 MHz

PMM 6600 is a simple and easy-to-use RF power measurement solution.
It has been mainly designed for EMC applications in order to calibrate CDNs and CLAMPs for conducted immunity systems or to measure the input power forwarded to antennas or GTEMs.
Using a bidirectional coupler and using two PMM 6600 it is possible to measure the reflected as well the forwarded power. Thanks to its internal temperature compensation, PMM 6600 overcomes all temperature generated drifting problems.
PMM supplies a simple even powerful driver to be used in any Windows™ environment: simply pushing the measure button the readed value (in dBm and W) will pop-up on the PC screen. Of course, using PMM immunity softwares (either conducted or radiated) the driver is already embedded and ready to be used.

EASY SOLUTION FOR ALL RF POWER MEASUREMENTS	• Low cost • PC driven • Fully automatic and programmable • Wide dynamic range (-40 to +27dBm) • Ideal solution for IEC 1000-4-6 & 1000-4-3 System calibration

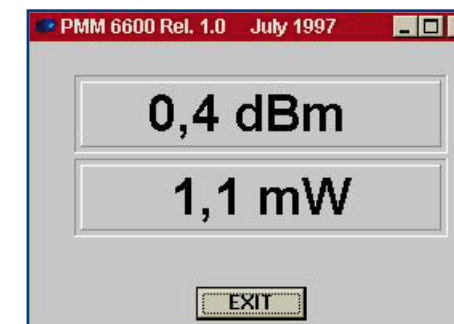

COMPETENT BODY

PMM 6600
RF POWER METER SPECIFICATIONS

The power meter system is composed by PMM 6600, the PMM 6485 (RS-232 to RS-485 interface module), DC power supply and Windows™ driver.

Frequency Range	10 kHz - 1000 MHz
Power Range	100 nW - 0,5 W (-40 to + 27 dBm)
Connector	N (female)
Maximum input level	1 W (without damage)
Input impedance	50 Ω
VSWR	1,25
Measuring error	
(10 kHz - 100 kHz)	± 1,5 dB (1 dB typical)
(100 kHz - 1000 MHz)	± 1 dB (0,5 dB typical)

GENERAL DATA

Power	± 12 VDC (from RS-485)
Interface	RS-485 (9 pin connector)
Operating temperature	10° to 40°C
Size (Ø, length)	cylinder 50 mm diameter, 120 mm long
Weight	0,2 kg
PC minimum requirements	PC 486 with 4 Mbytes RAM and one RS-232 serial port available.
Conformity	to Directive 89/336 and 73/23 and amendments
Accessories supplied	PMM 6485 (RS-232 to RS-485 module with three slots), DC power supply, two serial cables, Windows™ driver, operating manual.

0,4 dBm

1,1 mW

EXIT

PMM 6485: RS232 to RS485 Interface Module

PMM 6600D
SLAVE POWER METER

This unit has been designed to be used in conjunction with the standard PMM 6600 to provide a combined system with two power meters. The PMM 6600D comes with a different internal RS485 address and with a special cable to connect two simultaneously power meters, in order to occupy only one slot into PMM 6485. All other specifications are the same as for PMM 6600.

Accessories supplied	Special dual RS485 cable, user manual

COMPETENT BODY

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