



RF Power Monitor – Remote 24/7 monitoring of your RF broadcasting equipment

RF Power Monitor - Kvarta

Kvarta is widely considered a reliable producer of radio and TV equipment. The RF Power Monitor is specially built for radio and TV broadcasters that want to monitor the RF forward and reflected power round the clock.

Kvarta's **RF Power Monitor** is a powerful and professional yet affordable solution for standalone RF power measurements at the transmitter site. Through 8 RF Probe inputs, one unit can monitor 4 forward and 4 reflected RF waves calculating the VSWR.

With its Ethernet interface, the RF Power Monitor can be controlled remotely using the user-friendly embedded web site or an SNMP-Based network management system.

The architecture used in the device guarantees that you will always 24/7 get an e-mail/SNMP alarm upon high reflected wave or low forward wave.

Web/SNMP/E-mail

The RF Power Monitor incorporates our powerful and well known IP connectivity core which is also used in our digital TV monitoring systems. The responsive web site guarantees a user friendly web interface even for smartphones or tablets, allowing you to monitor your equipment from anywhere.



FEATURES

- Remote 24/7 monitoring of your broadcasting equipment
- Forward Power
- Reflected Power
- VSWR
- Configurable alarms
- Web server
- SNMP Enabled with traps
- E-mails
- Log file
- Connect up to 8 different RF Probes depending on your need
- Control RF network from the transmitter to the antenna

1. RF PORT			07:41:53			2. RF PORT			07:41:53		
Forward:	1685 W	62.2 dBm	Forward:	1591 W	62.0 dBm						
Reflected:	2 W	33.1 dBm	Reflected:	1 W	32.9 dBm						
Return loss:	29.1 dB		Return loss:	29.1 dB							
VSWR:	1.07		VSWR:	1.07							
3. RF PORT			07:41:53			4. RF PORT			07:41:53		
Forward:	1502 W	61.7 dBm	Forward:	1557 W	61.9 dBm						
Reflected:	0 W	27.8 dBm	Reflected:	1 W	32.1 dBm						
Return loss:	33.9 dB		Return loss:	29.8 dB							
VSWR:	1.04		VSWR:	1.06							
Active alarms and warnings											
Type	Name	Alarm	Value	Threshold							
ALARM	(1) RF PORT	FORWARD WAVE: HIGH	750 W	10 W							
WARNING	(4) RF PORT	FORWARD WAVE: LOW	3422 W	10000 W							

RF PROBES

- RF PROBE 2.1 FEATURES
 - Input power range: -32 dBm ~ +25 dBm
 - Measurement accuracy: +/-0,5 dBm
 - Frequency Range: 87,5-108MHz
- RF PROBE 3.1 FEATURES
 - Input power range: -32 dBm ~ +25 dBm
 - Measurement accuracy: +/-0,5 dBm
 - Frequency Range: 475-868MHz
- Contact us for the RF probes that you need!