

Selective power meter SVM-1 is intended for measurements in E-GSM900; DCS1800 and UMTS standards. SVM-1 is hand-held type ultra compact measuring instrument.

GENERAL DESCRIPTION

Selective power meter SVM-1 operates in 880-960MHz/1710-1880MHz/1920-2170MHz frequency ranges. Very compact reliable portable easy in control ready to work during a few hours.

SVM-1 allows measurements of radio-signals with high dynamics. Analysing frequency can be manually adjusted with defined step. Large LCD represent measured parameters very clearly. Built-in battery level indicator shows remaining power of only two AA-type elements.



KEY FEATURES

- Wide frequency range up to 2170MHz
- Compact hand-held reliable enclosure
- Good dynamics
- Large LCD with switched back-light
- Replaceable batteries

APPLICATION AREAS

- E-GSM, DCS, UMTS, LTE
- Laboratories
- Measurement applications
- Cellular networks
- Installation works

TECHNICAL SPECIFICATIONS*

Parameter	Specification	Unit
Frequency range	880-960 1710-2170	MHz
Measurement bandwidth	5	MHz
Absolute maximum input level	0	dBm
Operating maximum input level	-20	dBm
Noise floor	-90	dBm
LO frequency accuracy	±50	ppm
Measurement typical accuracy	±2	dB
Input impedance	50	Ohm

*Ask Rantelon for other parameters.

TECHNICAL SPECIFICATIONS*

Parameter	Specification	Unit
Batteries	2xAA	-
Current consumption without LCD back-light	350	mA
Current consumption with LCD back-light	385	mA
Operating time	4	hour
Data representation	LCD	-
Connectivity	USB on order	-
Control	Buttons	-
Features	Digital offset, battery level indicator, external antenna	-
RF connectors	N-female/SMA-female	-
Number of inputs	2 (through LNA and direct)	pcs
Dimensions, RF power sensor	75x155x25	mm
Enclosure	Aluminium case, belt clip, replaceable batteries	-

*Ask Rantelon for other parameters.

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