



TSE 3661
Spectrum Analysing System

TSE 3661 Differential-Spectrum-Analysing-System

Features

- Measurements possible between 9 kHz and 26.5 GHz
- switchable increase of input power
- Inputs and outputs for Videosignals with BNC connectors
- 6" TFT-Display
- smallest spectrum analyzer of its kind
- practical shoulder belt
- rubber protections
- optional Differential-Spectrum-Analysing- Software with additional antenna and switching hardware.

Description

The Differential-Spectrum-Analysing-System TSE 3661 captures RF signals from 9 kHz to 26.5 kHz. As an option, the system can be delivered up with a demodulation card for analog free TV signals. The whole inspection system comes with a special software, which controls automatically the difference between the outside RF spectrum and the critical RF activities inside an area. The additional hardware which consists of two special antenna heads and a RF switch can be easily connected to the spectrum analyzer.

Usage

Because of using less power or burst signaling during a transmission a negative information flow with the help of RF bugs it is not any longer provable taking todays well known indication equipment. The Difference-Spectrum- Analysing-System RS 3661 compares the RF activities inside the dangered area with the spectrum outside this place. By using the software options there is a ,online'- possibility to detect all kinds of newest RF bugs, also ,low power devices', burst- or spread spectrum-transmissions.

Technical Data

Basic Unit	
Frequency range:	9 kHz to 26,5 GHz
Resolution bandwidths:	1 kHz to 3 MHz
	5 MHz in Function ZS
Phase noise:	-100 dBc/Hz to zu 3 GHz
Noise floor down to:	-145 dBm at 100 Hz RBW
Tracking generator:	2.2 GHz
Output level:	-31 to 0 dBm in 1 dB S.
Input level:	+ 27 dBm
Storage media:	2 PCMCIA-Slots
Power:	- 230 V Netzteil
	- Akku-Pack (max. 1,5 h)
	- 12 V DC

Options	
with Option 26:	100 Hz und 300 Hz
with switched-on preamplifier with a gain of >25dB	
with Option 74:	2.7 GHz

Picture





If you would like further Information about ELAMAN,
or would like to discuss a specific requirement or project, please contact us at:

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