

Special measurement functions

Acknowledgement signal measurement Preparation:	cian cen
Set transmitter frequency	(value) SIGN GEN
Store with	STO 0
Receiver measurement mode	REC
Set receiver frequency and modulation	
Measurement:	

Switch off AF frequency	0 MOD GEN
Switch on selective call coder	7 REF
Switch on acknowledgement signal measurement	1 0 5 REF
Send tone sequence	(code) MOD GEN
The code is entered via the keyboard. The received tone sequence is indicated on the RI	F frequency display

Send tone sequence	(code) MOD GEN
The code is entered via the keyboard. The received tone sequence is indicated.	d on the RF frequency display.
Repeat measurement: Switch on receiver measurement mode	REC
Send tone sequence	MOD GEN
Switch off measurement	1 0 6 REF

Adjacent-channel power meter: Apply RF signal to RF or FREQ. METER inpu	t
(for www measurements: RF input only)	
Enter channel spacing	(value) ΔF
Enter rated frequency	(value) SIGN GEN
Measurement upper channel	NKL or #W
lower channel	NKL or - W

lower channel	- NKL or - μW
Measurement without channel limits	1 1 7 REF
with channel limits	1 1 8 REF

wit	h channel limits	1 1 8 REF
RF millivoltmeter Changeover key f	or V or dBm indication	PROBE
RF millivoltmeter	0-dB probe	1 7 REF
	20-dB probe	1 B REF
	40-dB probe	1 9 REF

Generator settings

RF frequency	in MHz	1	2	3		4	5	6	7	SIGN GEN	
			-								

ΔF	in kHz
RF level	in μV, mV, dBμV,

dBm For modulation see relevant field

AF frequency in kHz

1 . 2 3 4 MOD GEN MOD GEN 1 2 3 0

By pressing the setting key, the corresponding measurements are switched off and the set value is displayed again. The RF level is converted to the corresponding unit and display.

General function	S	
Reinitialization of whole equ	uipment	9 9 REF
Switching off the functions marked by *		0 REF
Cursor		1 REF
Setting BCD outputs via Bl	J401	1 0 0 0 REF
Second-figure = 1st decade Third figure = 2nd decade Fourth figure = 3rd decade	le	1 9 9 9 AEF
Switching relais via BU 402 First figure = relay num Second figure = 0 = relay 1 = relay	ber open	2 0/1 REF 9 0/1 REF
RF test diode (Prevents RF distortion at 3 RF test diode	switch off 0-dB output) switch on	1 2 0 REF
Rejection filter for AF and modulation measurement	switch on	1 2 2 REF
	switch off	1 2 3 REF
Frequency switchable with	300 Hz, 50	00 Hz, 1 kHz

Frequency responses		
AF: reference: instantaneous value reference: AF level setting MOD: reference: instantaneous value reference: modulation setting		1 1 1 REF
Indication for (111 to 114) on the RESULT display in dB		
Frequency response indication	off	1 1 0 REF

Demodulation				ij.
Modulation measurement peak only rms only autom. sv	vitchover	1 2	6 REF	*
Modulation sensitivity (automatic setting of rated deviation in transmitter measurement) Reference modulation setting	n on test iter	n	2 REF	y
Rapid deviation meter, remote measurements Switch on transmitter measurements Enter reception frequency via key modulation selection key or The entered frequency 200 kHz is	ent TR board and po FM	ress		
Duplex deviation meter	on off	1 6	1 REF	

Modulation 1 . 2 5 MOD INT MOD int in kHz, rad or % MOD ext in kHz, rad or % 2 . 3 5 MOD EXT Modulation is switched on and off by pressing the corresponding key without entering numerical value. Two-tone modulation 2 0 0 REF 400 Hz Switchover of AF generator 2 2 0 1 REF 1000 Hz 2 0 2 REF AF Gen. 2 AF source for second-modulation 2 0 3 REF AF Gen. 1 See Manual 2.3.3.3.4 2 0 0 0 REF 3 0 0 0 REF AM: 1000 = 100.0% 2 2 4 0 REF

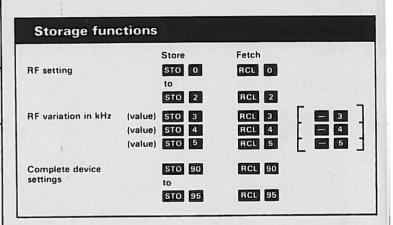
* REF function is switched off with 0 REF

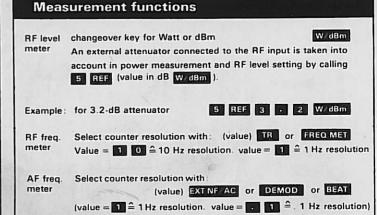
LED in REF key lights

2.4 kHz FM deviation

Deutscher Text umseitig. Karte durchbiegen und wenden

SINAD without numerical value: measurem. on/o	The state of the s	
Mean value over {15} measurements for {50} SINAD, S/N and {150} bandwidth	3 REF 4 REF 1 4 REF	
Quieting Measurement of RF sensitivity for 20-dB noise suppression. RF level is indicated on LEVEL display, noise suppression is indicated on RESULT.	1 1 9 REF	
Note on bandwidth and quieting measurements: Prior to calling up the bandwidth test routines, the test set must be initialized by entering rated RF and, if necessary, modulation frequency in the kHz range.		
Upon completion of the measurement, the device functions are disabled and the displays of centre-frequency error and bandwidth must be erased by pressing the REC key.		
Indication of RF variation on	1 0 7 REF	*
Indication of RF variation up to ± 99.9 kHz referred to current RF setting. Indication on AF display.		
Bandwidth measurement without centre-freq. error Indication on AF display	1 1 5 REF	*
with centre-freq. error Indication of centre-frequency error on RF display.	1 1 6 REF	*
Squelch sensitivity	1 2 9 REF	*





Distortion Switch on and off with ON Select frequency 1 kHz, 300 Hz, 500 Hz with

DC meter U/IDC changeover key for voltage and current measurement