


ACPM (NKL)

Hardware Option 248 270

Operating Instructions

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ACPM (NKL)

Adjacent-channel power is that part of the transmitted power which is emitted as noise power in each of the two adjacent channels.

Connection

Connect the RF jack of the radio unit to the RF jack of the STABILOCK. Connect the NF jack of the radio unit to the MOD GEN jack of the SATBILOCK.

Boundary conditions

Input power > 100 mW.

Measurement ---> adjacent channel power

1.	[TX] + [AM FM ΦM]	Access TX mask and set to FM mode.
2.	[SPECIAL] + [ACPM]	Access menu of TX special ACPM.
3.	[RF]	Connect input jack.
4.	[FREQUENCY] + <value> + [ENTER]	Adjust measuring receiver to channel frequency of radio unit and confirm the entry.
5.	[MOD FREQ] + <value> + [ENTER]	Set modulation frequency.
6.	[AM FM ΦM] + <value> + [ENTER]	Set modulation level in Lev. field and activate GEN A.
7.	<cursor d> + [UNIT/SCROLL]	Position cursor in Channel Space field and select channel spacing (10 kHz, 12,5 kHz and 30 kHz).
8.	<cursor d> + [UNIT/SCROLL]	Position cursor in Adjacent Channel field. Select adjacent channel for which ACPM is to be measured and displayed. (Both Channels, Upper Channel or Lower Channel).
9.	[RUN]	Start the measurement. The measurement is repeated until [STOP] is pressed.
10.	Read adjacent channel power value displayed in ACPM field. If Both Channels is selected in the Adjacent Channel field, the adjacent channel power of the upper channel is displayed in the upper half of the field, and the adjacent channel power of the lower channel appears in the lower half.	

The frequency offset of the input signal from the set frequency is displayed in the Offset field. In AUTORUN or remote mode the adjacent -channel power is not measured continuously, instead one-shot measurements are made.

