

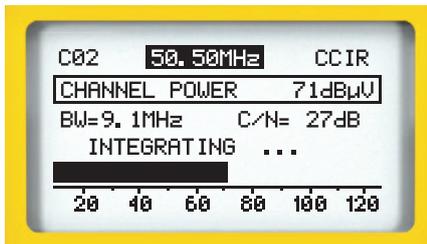
## OP-012-O DVB-T (COFDM) option for PROMAX-12

The **PROMAX-12** is a multi-functional Digital Cable Analyser perfect for the installation and maintenance of analogue and digital television signal reception/distribution systems working in the 5 to 1005 MHz range: FM radio, community TV systems (MATV), cable TV (CATV) and wireless cable TV (MMDS) including the sub-band (return path).

The **DVB-T (COFDM) option** displays the constellation for those carriers forming the COFDM multiplex and also the measures related.

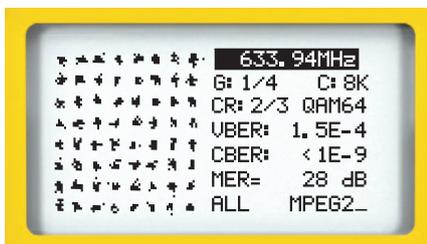
### Input Channel Power

Digital channels power measurement is carried out by means of an integration method. This way, a very exact measurement is obtained, specially in the case of degraded channels.



### Constellation diagram

In this mode is shown the Constellation Diagram of the tuned signal and other related measures: Guard interval, Carriers, Code Rate, Carriers modulation type, VBER, CBER, MER, Quadrant shown and Locked or unlocked signal.



Specifications	OP-012-O - COFDM measurements
Modulation	COFDM
Margin of power measurement	From 35 dBμV to 120 dBμV
Measures	Power, CBER, VBER, MER and C/N
Displayed data	Numeric, level bar and constellation
Carriers	2k, 8k
Guard Interval	1/4, 1/8, 1/16, 1/32
Code Rate	1/2, 2/3, 3/4, 5/6, 7/8
Constellation	QPSK, 16-QAM, 64-QAM

DESIGN AND SPECIFICATIONS ARE SUBJECT TO CHANGES WITHOUT PRIOR NOTICE 04-15