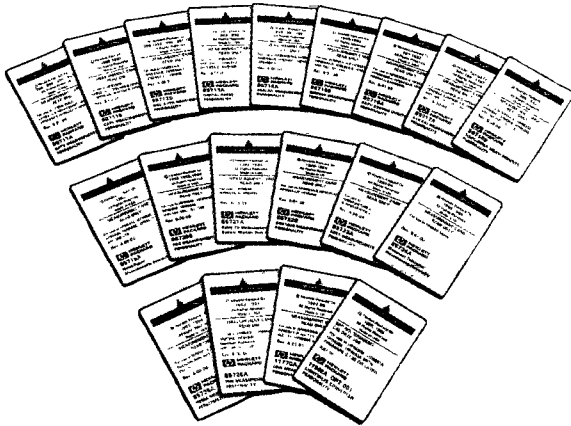


SIGNAL ANALYZERS

Measurement Personalities, (cont'd)

HP 8590 Series



Wide selection of measurement personalities

Wireless Communications

(See page 541 for more information.)

New HP 85715B GSM Measurement Personality

The HP 85715B provides all the GSM900 transmitter tests specified in the GSM 11.10 (mobile) and GSM 11.20 (base) recommendations. Measurements include those for power, frequency, timing, and modulation accuracy. GSM Phase II specification limits are used and the extended GSM (E-GSM) frequency bands are supported.

HP 85717A CT2-CAI Measurement Personality

The HP 85717A personality provides all transmitter measurements in the MPT 1375 and I-ETS 300-131 specifications for second generation cordless telephone with common air interface: mean carrier power, carrier-off power, adjacent channel power, out-of-band power, spurious emissions, intermodulation attenuation, and frequency error and deviation.

HP 85718B NADC-TDMA Measurement Personality

Based on EIA/TIA IS-54-B, -55-A, and -56-A standards, the HP 85718B simplifies testing of time-division multiple access (TDMA) transmitters for North American Dual-mode Cellular (NADC) radio systems. The personality provides nine power, frequency, and timing tests as well as seven modulation accuracy tests.

New HP 85720B PDC Measurement Personality

The HP 85720B provides transmitter measurements for Personal Digital Cellular (PDC) time-division multiple access radio systems. Tests are based on the RCR STD-27B standard. There are 11 power, frequency, and timing tests as well as six modulation accuracy tests.

New HP 85722B DCS1800 Measurement Personality

The HP 85722B provides all the DCS1800 transmitter tests specified in the GSM 11.10 (mobile) and GSM 11.20 (base) recommendations. Measurements include those for power, frequency, timing, and modulation accuracy. Phase II specification limits are used.

HP 85723A Option H01 DECT Measurement Personality

The HP 85723A Option H01 adds the key DECT transmitter measurements to the HP 8590 E-series analyzers. With the measurement personality, DECT power, frequency, timing and modulation accuracy tests can be made. An optional DECT source built in to the analyzer can be used as a stimulus for module testing or sensitivity measurements.

New HP 85725A CDMA Measurement Personality

Simplify your measurements of cellular, PCS and other spread spectrum transmitters based on EIA/TIA IS-95, -97, and -98 with the HP 85725A. Frequency- and time-domain measurements are provided. This personality is designed with a great amount of flexibility, including on-screen help messages, enabling measurements to be easily configured to meet your special needs.

New HP 85726A PHS Measurement Personality

Measure Personal Handy Phone System (PHS) personal and cell station transmitters operate easily, quickly, and reliably. The HP 85726A PHS personality provides tests based on RCR STD-28. Measurements included are antenna power, adjacent channel power, burst ramp-up and ramp-down power versus time, carrier-off time leakage power, spurious emission, and occupied bandwidth.

Digital Radio Measurements

(See page 522 for more information.)

HP 85713A Digital Radio Measurement Personality

The HP 85713A measurement personality for microwave spectrum analyzers includes five major agency masks for testing to US, UK, and FRG digital radio specifications. Automatic compare-to-mask and mean power level measurements are made on the modulated signal. Functions include transient analysis monitoring and frequency response measurement. You can create and store your own masks for later use. For additional digital radio tests see the HP 11758V digital radio test system.

HP 11770A Link Measurement Personality

The HP 11770A enables group delay and amplitude flatness measurements on systems that carry digital data, such as microwave radio systems, coax cable, and satellite links. Capability includes end-to-end link, DADE, and IF return loss measurements.

