

Hameg HMS1000 Spectrum Analyser Quick reference guide

To clear previous users' settings

PRESET

To set centre frequency and span

FREQ > CENTER

SPAN > Span

To set start/stop frequencies

FREQ > START

FREQ > STOP

To set the Reference Level

AMPL > REF LEVEL

Then enter the reference level in dBm

To make a measurement using a marker

MARKER > 1 > ON

Press POSITION then rotate the rotary control

It is possible to set more than one marker

To set the resolution bandwidth (RBW)

Automatic RBW setting

BANDW > AUTO RBW

Manual RBW setting

BANDW > RBW Then select the required RBW, e.g. 1 kHz (note that narrow RBW requires a slow sweep)

You do not normally need to change VBW so this can be left set to AUTO VBW

To capture a trace to the PC

Start > All Programs > HM Explorer

Under Devices, you should see HMS1000 (if not click Add Device then select USB 0 [HMS1000])

Double-click **HMS1000** then double-click Screenshot

Under Screenshot Name you should see HMS1000. Press **Transfer** or F5

To get a screen image into a document, select the 'thumbnail' image then right-click and select Copy as Image

To capture a trace image to a USB flash drive

Plug a USB storage device into the socket marked USB Stick

General > SAVE/RECALL > SCREENSHOTS

STORAGE > Front USB

FORMAT > PNG (recommended)

FILE NAME Default will be SCR 0001 etc.