DS Instruments - SCPI Command List V3.2 - SG PRO SERIES

Command	Example 1	Example 2	Description
*IDN?			Return the SCPI identification string
*PING?			returns "PONG!" if device is responding
SYST:ERR?			Returns any pending error codes
SYST:DBG?			Returns last debug status message
*REV?			Return the hardware revision number
*CLS			Clears any error codes
*RST			Reset unit now
*OPC?			Returns +1 if system is not busy
*DISPLAY	*DISPLAY OFF	*DISPLAY ON	Power on of off the display
*BUZZER	*BUZZER ON	*BUZZER OFF	Mute the buzzer
*SLEEP	*SLEEP ON	*SLEEP OFF	Save power by putting device into sleep mode
*LAN	*LAN ON	*LAN OFF	Enable or disable the network subsystem
*SAVESTATE			Save frequency & attenuation as boot defaults
*CLEANSTATE			Clear all settings back to factory defaults
*UNITNAME	*UNITNAME Bob	*UNITNAME DEV-34	Set a unique name in flash memory
*UNITNAME?			Return this device's name
*SYSVOLTS?			Return USB voltage input reading
*TEMPC?			Return system temperature
FREQ:CW	FREQ:CW 400MHZ	FREQ:CW 3.33GHZ	Set output Frequency
FREQ:CW?			Return current Frequency
FREQ:MIN?			Return minimum supported freq in Hz
FREQ:MAX?			Return max supported frequency in HZ
OUTP:STAT	OUTP:STAT ON	OUTP:STAT OFF	Turn on or off the RF output
OUTP:STAT?			Return if output is enabled
POWER	POWER 9	POWER -12.5	Set output power in **dBm**
POWER?			Return current output power
VERNIER	VERNIER 3	VERNIER -22	Fine tune the output power (no units)
VERNIER?			Return vernier setting
SYSREF INT			VCXO locked to internal 10MHz TCXO
SYSREF EXT			VCXO locked to an external 10MHz
SYSREF FREE			VCXO not locked to 10MHZ - lowest noise
SYSREF AUTO			Automatic choice between internal and external
SYSREF?			Return the current source of the reference signal
SYSREF LOCK?			Is the reference PLL locked?
SYSREF STATUS?			Returns the detected status of current reference
SYSREF UPDATE			after a reference change this will relock the source
SYSREF COLD?			Returns 1 if the the 10MHz ref oven is still too cold
SYSREF OFF			disable internal 100MHz vcxo - requires external source

COM Settings: **115200**bps, 8bits, 1 stop, no parity, no flow control - Command terminator = linefeed