DS Instruments - MX 12000/20000/30000 - SCPI Command List (V4)

Command	Example 1	Example 2	Description
FREQ:CW	FREQ:CW 7GHZ	FREQ:CW 9.33GHZ	Set LO Frequency
FREQ:CW?			Return current LO Frequency
OUTP:STAT ON			Turn ON the mixer LO
OUTP:STAT OFF			Turn off the MIXER LO
OUTP:STAT?			Return status of the LO output
LOPOWER xx			Adjust the LO power level if available
LOPOWER?			Return the current setting, default is 0
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 STATUS?			Returns the detected status of current reference
SYSREF UPDATE			After a reference change this will relock the source
SYSREF OFF			Internal sources disabled. Requires external 100MHz
SYSREF LOCK?			Check if the ref PLL is locked (100MHz to 10MHz)
*IDN?			Return the SCPI identification string
*PING?			returns "PONG!" if device is responding
*RST			Reset unit now
*REV?			Get hardware revision
*DATE?			Return the production test date string
*DISPLAY	*DISPLAY OFF	*DISPLAY ON	Power on of off the display
*BUZZER	*BUZZER ON	*BUZZER OFF	Mute the buzzer
*BUTTONS ON			Turn back on the front buttons
*SYSVOLTS?			Return measured system USB voltage
*SAVESTATE			Save frequency & attenuation as boot defaults
SYST:ERR?			Returns any pending error codes
SYST:DBG?			Returns the next debug message
*UNITNAME	*UNITNAME Bob	*UNITNAME DEV-34	Set a unique name in flash memory
*UNITNAME?			Return this device's name

Command terminator is LINEFEED ("\n")

(COM BAUD: 115200)