

DS Instruments - MX2500/MX6000 Integrated-LO Mixer SCPI Command List

Command	Example 1	Example 2	Description
FREQ:CW	FREQ:CW 400MHZ	FREQ:CW 3.33GHZ	Set LO Frequency
FREQ:CW?			Return current LO Frequency
OUTP:STAT ON			Turn on the mixer output
OUTP:STAT OFF			Turn off the active mixer
OUTP:STAT?			Return status of the LO output
POWER	POWER 10	POWER -30	Fine tune the LO power (+-100)
POWER?			Return power tuning value - default 0
AUXLO:STAT	AUXLO:STAT ON	AUXLO:STAT OFF	Set LO output on devices with an external port
*IDN?			Return the SCPI identification string
*PING?			returns "PONG!" if device is responding
*REV?			Get the hardware revision number
*RST			Reset unit now
*CLS			Clear all errors
*INTREF?			Is the internal reference enabled?
*EXTREF?			Is an external reference signal detected?
*INTERNALREF 1			Set reference frequency to internal
*INTERNALREF 0			Set reference frequency to external
*INTERNALREF A			Default autodetect reference at power-on
*REFUPDATE			
SYST:ERR?			Return any pending error messages
SYST:DBG?			Return the last debug message
*SYSVOLTS?			Return system USB voltage
*DISPLAY	*DISPLAY OFF	*DISPLAY ON	Power on of off the display
*BUZZER	*BUZZER ON	*BUZZER OFF	Mute the buzzer
*BUTTONS ON			
*SAVSTATE			Save frequency & attenuation as boot defaults
*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)