

# UPV Remote Control Commands V2.1.0.260, 12.06.2007

Differences between firmware version V2.0.0.226 and V2.1.0.260 are printed in **red** and marked with **(new)**

**Subsys<i>** is a replacement for the graphical subsystems SWEep, FFT, WAVEform, BARgraph, PESQ

SWEep<i>: i = 1 ... 4  
 FFT<i>: i = 1 or 2  
 WAVEform<i>: i = 1  
 BARgraph<i>: i = 1 or 2  
 PESQ<i>: i = 1 or 2

## List of Remote Control Commands arranged in groups

Group	Command-Mnemonic
Adjust	ADJust:JITTer:AUTO Alias CALibrate:JITTer:AUTO ONCE  Query answer is always OFF
Adjust	ADJust:LDG:AUTO Alias CALibrate:LDG:AUTO ONCE  Query answer is always OFF
Adjust	ADJust:SECGen:AUTO ONCE  Query answer is always OFF
Adjust	ADJust:ZERO:AUTO Alias CALibrate:ZERO:AUTO OFF ON ONCE
Adjust	DIAGnostic:CALibration alias DIAGnostic:ADJustment CLDG alias ALDG CAGEn alias AAGEn CANLr0 alias AANLr0 CDPHase alias ADPHase
Adjust	DIAGnostic:CALibration:ADDRess <n> alias DIAGnostic:ADJustment:ADDRess <n>
Adjust	DIAGnostic:CALibration:FDATa <n>

	alias DIAGnostic:ADJustment:FDATa <n>
Anl Config	INPut:BANDwidth:MODE B22 B40 B80 B250
Anl Config	INPut:CHANnel alias SElect CH1 CH2 CH1And2 CH1Is2 CH2Is1 BOTH
Anl Config	INPut:COUPling AC DC
Anl Config	INPut:FILTer OFF UFIL1 ... UFIL9 AWE CARM CCIU CCIR CCIT CMES DCN DEMP17 DEMP5015 DEMP50 DEMP75 IECT JITT URUM WRUM PEMP17 PEMP5015 PEMP50 PEMP75 HP22 HP400 LP22 LP30 LP80 AES17 <b>CWE</b>
(new)	
Anl Config	INPut:FORMat SI2S USERdefined
Anl Config	INPut:FSLope LFTFalling LFTRising
Anl Config	INPut:INPut

	INTern DSUB
AnI Config	INPut:SAMPlE:FREQUency:MODE Parameter for Analyzer-Instrument Digital Audio: F32 F44 F48 F88 F96 F176 F192 VALue AUTO   AUTO CHStatus  INPut:SAMPlE:FREQUency:MODE Parameter for Analyzer-Instrument I2S Bord: F08 F11 F16 F22 F32 F44 F48 F88 F96 F176 F192 F384 VALue AUTO   AUTO
AnI Config	INPut:SAMPlE:FREQUency <nu>
AnI Config  (new)	INPut:WLENgth Alias INPut:WORDlength Alias INPut:WRDLength W16 W24 W32
AnI Config  (new)	INPut:WOffset <n> Alias INPut:WRDOffset <n>
AnI Config	INPut[1]:COMMO alias LOW FLOat GROund
AnI Config	INPut[1]:IMPedance R300 R600 R200K
AnI Config	INPut[1]:TYPE Parameter for Analyzer-Instrument Analog

	<p>BALanced GEN1 GEN2</p> <p>Parameter for Analyzer-Instrument Digital Audio AESebu SPDif OPTical INTern</p>
Anl Config	<p>INPut2:COMMon alias LOW FLOat GROund</p>
Anl Config	<p>INPut2:IMPedance R300 R600 R200K</p>
Anl Config	<p>INPut2:TYPE BALanced GEN1 GEN2</p>
Anl Config	<p>INSTRument2[:SElect] ANLG alias A22 DIG alias D48 I2SBoard alias I2S alias INSTRument2:NSElect 1   2   3   4 1 = Analog 2 or 3 = Dig Audio 4 = I2S Board</p>
Anl Config	<p>SENSe[1]:DIGital:JITTer alias SYNC:REFerence INTClock alias GCLock REFPII alias PLLVari</p>
Anl Config	<p>SENSe[1]:DMODE alias FEED ADATa JPHase CINPut  alias  SENSe[1]:DIGital:MMODE alias FEED ADATa JPHase CINPut</p>
Anl Config	<p>SENSe[1]:POWER:REFerence:[MODE:]RESistance &lt;nu&gt;</p>
Anl Config	<p>SENSe[1]:REFerence:MODE[1] CH1Store CH2Store CH1Meas CH2Meas STORE</p>

	<p>GENTrack VALue</p> <p>CH1Store, CH2Store and STORE are actions, afterwards the internal state is VALue, so the query answer is VALue.</p>
Anl Config	<p>SENSe[1]:REFerence:MODE2 CH1Store CH2Store CH1Meas CH2Meas STORE GENTrack VALue</p> <p>CH1Store, CH2Store and STORE are actions, afterwards the internal state is VALue, so the query answer is VALue.</p>
Anl Config	SENSe[1]:REFerence[1] <nu>
Anl Config	SENSe[1]:REFerence2 <nu>
Anl Config	SENSe[1]:VOLTage:RANGe[1]:MODE AUTO FIX LOWER
Anl Config	<p>SENSe[1]:VOLTage:RANGe[1]:VALue &lt;nu&gt;</p> <p>&lt;nu&gt; = 18mV   30mV   60mV   100mV   180mV   300mV   600mV   1000mV   1800mV   3V   6V   10V   18V   30V   60V   100V</p> <p>Queryform: SENSe[1]:VOLTage:RANGe[1]:VALue?</p> <p>The query answer is the related range:</p> <p>18mV: "&lt;0.0 ... 0.01979V&gt;"  30mV: "&lt;0.0198 ... 0.03299V&gt;"  60mV: "&lt;0.033 ... 0.06599V&gt;"  100mV: "&lt;0.066 ... 0.10999V&gt;"  180mV: "&lt;0.11 ... 0.19799V&gt;"  300mV: "&lt;0.198 ... 0.32999V&gt;"  600mV: "&lt;0.33 ... 0.65999V&gt;"  1000mV: "&lt;0.66 ... 1.09999V&gt;"  1800mV: "&lt;1.1 ... 1.97999V&gt;"  3V: "&lt;1.98 ... 3.29999V&gt;"  6V: "&lt;3.3 ... 6.59999V&gt;"  10V: "&lt;6.6 ... 10.9999V&gt;"  18V: "&lt;11.0 ... 19.7999V&gt;"  30V: "&lt;19.8 ... 32.9999V&gt;"  60V: "&lt;33.0 ... 65.9999V&gt;"  100V: "&lt;66.0 ... 110.0 V&gt;"</p>
Anl Config	SENSe[1]:VOLTage:RANGe2:MODE AUTO FIX LOWER
Anl Config	SENSe[1]:VOLTage:RANGe2:VALue <nu>

Anl Config	SENSe2:DATA1?
Anl Config	SENSe2:DATA2?
Anl Config	SENSe2:FUNcTion OFF IPEAk alias IPEAK PHASetoref DIGinpampl
Anl Config	SENSe2:REFerence <nu>
Anl Config	SENSe2:REFerence:MODE CH1Store CH2Store STORE CH1Meas CH2Meas GENTrack DIGoutampl VALue  CH1Store, CH2Store and STORE are actions, afterwards the internal state is VALue, so the query answer is VALue.
Anl Config	SENSe2:UNAuto[1] ON OFF
Anl Config	SENSe2:UNAuto2 ON OFF
Anl Config	SENSe2:UNIT[1] BITS DBFS DBM DBR DBU DBUI DBV DEGFRM DPCT DPCTV DPCTW DV DW FS LSBS NS PCTFRM PCTFS PCTPPR PCTUI PCTVVR PPMUI PPR UI

	UIR UIS V VVR W
Anl Config	SENSe2:UNIT2 V DBV DBR FS :
Anl Config	SENSe2:USERunit[1] 'Unitstring'
Anl Config	SENSe2:USERunit2 'Unitstring'
Anl Config	SENSe3:DATA1?
Anl Config	SENSe3:DATA2?
Anl Config	SENSe3:FREQuency:APERture:MODE FAST PRECision
Anl Config	SENSe3:FREQuency:REFerence <nu>
Anl Config	SENSe3:FREQuency:REFerence:MODE CH1Store CH2Store CH1Meas CH2Meas STORe GENTrack VALue  CH1Store, CH2Store and STORe are actions, afterwards the internal state is VALue, so the query answer is VALue.
Anl Config	SENSe3:FREQuency:UNAuto[1] ON OFF
Anl Config	SENSe3:FREQuency:UNAuto2 ON OFF
Anl Config	SENSe3:FREQuency:UNIT[1] HZ DHZ DPCTHZ TERZ OCT DEC FFR
Anl Config	SENSe3:FREQuency:UNIT2

	HZ DHZ DPCTHZ TERZ OCT DEC FFR
Anl Config	SENSe3:FREquency:USERunit[1] 'Unitstring'
Anl Config	SENSe3:FREquency:USERunit2 'Unitstring'
Anl Config	SENSe3:FUNcTion OFF FREquency FQPHase FQGRoupdelay FQSamplefrequency SFREquency
Anl Config	SENSe3:GRoupdelay:REFerence <nu> = 0 ... 10 s
Anl Config	SENSe3:PHASe:FORMat POSitive POSNegative NEGative RAD RADBipolar RADNegative INFinite
Anl Config	SENSe3:PHASe:REFerence <nu> -360° ...+360° -6.32832 ... +6.32832 RAD
Anl Config	SENSe3:PHASe:REFerence:MODE STORe VALue  STORe is an action, the internal state is VALue, so the query answer is always VALue.
Anl Config	SENSe3:PHASe:UNAuto ON OFF
Anl Config	SENSe3:PHASe:UNIT DEG RAD DDEG DRAD S DS
Anl Config	SENSe3:PHASe:USERunit 'Unitstring'



Anl Config	SENSe4:DATA?
Anl Config	SENSe5:FUNcTion OFF ON
Anl Config	SENSe6:DATA1?
Anl Config	SENSe6:DATA2?
Anl Config	SENSe6:FUNcTion OFF LRMS DC PEAK
Anl Config	SENSe6:REFerence <nu>
Anl Config	SENSe6:REFerence:MODE CH1Store CH2Store STORE CH1Meas CH2Meas GENTrack VALue  CH1Store, CH2Store and STORE are actions, afterwards the internal state is VALue, so the query answer is VALue.
Anl Config	SENSe6:UNAuto[1] ON OFF
Anl Config	SENSe6:UNAuto2 ON OFF
Anl Config	SENSe6:UNIT[1]
Anl Config	SENSe6:UNIT2
Anl Config	SENSe6:USERunit[1] 'Unitstring'
Anl Config	SENSe6:USERunit2 'Unitstring'
Anl Config	SENSe7:FUNcTion OFF ON
Anl Config	SENSe7:INTerpol N1 N2 N4 N8 N16

	N32
Anl Config	SENSe7:MMODE STANdard COMPressed USAMple
Anl Config	SENSe7:TRIGger:AUTO alias AUTO ON OFF
Anl Config	SENSe7:TRIGger:LEVel <nu>
Anl Config	SENSe7:TRIGger:PRE <nu>
Anl Config	SENSe7:TRIGger:SLOPe RISing FALLing
Anl Config	SENSe7:TRIGger:SOURce CH1 CH2 MANual GENBurst
Anl Config	SENSe7:TRIGger:TRCLength <nu>
Anl Config (new)	SENSe7:CMPFactor <n> Alias SENSe7:COMPression <n> Alias SENSe7:WAVEform:COMPFact <n> Alias SENSe7:WAVEform:COMPression <n>
Anl Funct	MMEMory:LOAD:FREQuency: SLCFrequency 'filename'
Anl Funct	MMEMory:LOAD:IEQualize 'filename'
Anl Funct	Query only SENSe[1]:FUNctioN:RECOrd:FLENgth?
Anl Funct	SENSe:BANDwidth <nu>
Anl Funct	SENSe:FREQuency:SQRSin DIMA DIMB
Anl Funct	SENSe[1]:BANDwidth:MODE PPCT1 PPCT3 POCT12 PTOC PFAS

	PFIx SPCT1 SPCT3 SOCT12 STOC SFAS SFIx
Anl Funct	SENSe[1]:CHANnel:DELay <nu>
Anl Funct	SENSe[1]:DATA1?
Anl Funct	SENSe[1]:DATA2?
Anl Funct	SENSe[1]:FILTer<i> OFF UFIL1 UFIL2 UFIL3 UFIL4 UFIL5 UFIL6 UFIL7 UFIL8 UFIL9 AWE CARM CCIU CCIR CCIT CMES DEMP17 DEMP5015 DEMP50 DEMP75 DCN IECT JITT URUM WRUM PEMP17 PEMP5015 PEMP50 PEMP75 HP22 HP400 LP22 LP30 LP80 AES17 <b>CWE</b>  <i> = 1, 2 or 3
(new)	
Anl Funct	SENSe[1]:FREQUency <nu>
Anl Funct	SENSe[1]:FREQUency:FACTor <nu>
Anl Funct	SENSe[1]:FREQUency:LIMit:LOWer <nu>

Anl Funct	SENSe[1]:FREQUency:LIMit:UPPer <nu>
Anl Funct	SENSe[1]:FREQUency:SElect CW   FIXed MULTisine GENTrack CH1F CH2F AUToboth alias AUTOboth
Anl Funct  (new)	SENSe[1]:SWEep:STARt <nu> Alias SENSe[1]:FREQUency:STARt <nu>
Anl Funct  (new)	SENSe[1]:SWEep:STOP <nu> Alias SENSe[1]:FREQUency:STOP <nu>
Anl Funct  (new)	SENSe[1]:FUNCtion OFF RMS RMSSelect PEAK QPEak SN DC THD THDNsdr MDISt DFD DIM POLarity FFT RUBBUzz NOCTave RECOrd PESQ
Anl Funct	SENSe[1]:FUNCtion:APERture:MODE AFASt AUTO TRIGgered GENTrack VALue FAST SFAST SLOW  WIDE MEDium NARRow
Anl Funct	SENSe[1]:FUNCtion:BARGraph ON OFF
Anl Funct	SENSe[1]:FUNCtion:DCSuppression ON OFF

Anl Funct	SENSe[1]:FUNction:DISToRtion<i> ON OFF  <i> = 2 ... 9 describes harmonics
Anl Funct	SENSe[1]:FUNction:DMODE FAST PREcision
Anl Funct	SENSe[1]:FUNction:FFT:AVERAge <n>  <n> = 2...256
Anl Funct	SENSe[1]:FUNction:FFT:AVERAge:MODE OFF NORMal EXPOntial
Anl Funct	SENSe[1]:FUNction:FFT:CENTer <nu>
Anl Funct	SENSe[1]:FUNction:FFT:Size S512 S1K S2K S4K S8K S16K S32K S64K S128K S256K
Anl Funct	SENSe[1]:FUNction:FFT:STATe ON OFF
Anl Funct	SENSe[1]:FUNction:FFT:WINDow RECTangular HANNing BLACKman_harris RIF1 RIF2 RIF3 HAMMING FLATtop
Anl Funct	<del>SENSe[1]:FUNction:FFT:ZOOM &lt;n&gt; &lt;n&gt; = 1...128</del>
(new)	SENSe[1]:FUNction:FFT:USAMple ON OFF
Anl Funct	SENSe[1]:FUNction:FFT:CMpFactor <n>
(new)	<n> = 1,2,4,8,16,32,64,128,256,512,1024 1 turns off undersampling. 2,4,8,16,32,64,128,256,512,1024 turn on undersampling.  Query:

	If undersampling is turned off, query returns 1
Anl Funct	Query only SENSe[1]:FUNCTion:FFT:MTIME?
Anl Funct	Query only SENSe[1]:FUNCTion:FFT:RESolution?
Anl Funct	Query only SENSe[1]:FUNCTion:FFT:STOP?
Anl Funct	Query only SENSe[1]:FUNCTion:FFT:START?
Anl Funct	SENSe[1]:FUNCTion:MMODE  <b>Peak</b> PPEak NPEak PTOPeak PABSolut  <b>SN</b> RMS QPEak PPEak NPEak PTOPeak PABSolut  <b>THD</b> SElectdi LSElectdi DALL LDALI DODD LDODd DEVen LDEVen  <b>THD+N</b> THDN LTHDn SNDRatio NOISe LNOise  <b>DFD</b> D2_268 alias D2 D3_268 alias D3 D2_118 D3_118  <b>NOCTave</b> OCT1 OCT3 OCT6 OCT12 OCT24

(new)	<b>PESQ</b> DUT OFFLine
Anl Funct	SENSe[1]:FUNcTion:REcOrd:FILE alias FILE 'filename'
Anl Funct	SENSe[1]:FUNcTion:REcOrd:LENGth <nu>  <nu> in s
Anl Funct	SENSe[1]:FUNcTion:REcOrd:TRIGger:LEVel <nu>
Anl Funct	SENSe[1]:FUNcTion:REcOrd:TRIGger:PRE <nu>  <nu> in s
Anl Funct	SENSe[1]:FUNcTion:REcOrd:TRIGger:SLOPe RISing FALLing
Anl Funct  (new)	SENSe[1]:FUNcTion:REcOrd:TRIGger:SOURce CH1 CH2 MANual <b>GENBurst</b>
Anl Funct  (new)	<b>SENSe[1]:FUNcTion:PESQ:ACCording</b> <b>PP862</b> <b>PSILence</b> <b>PSPeach</b> <b>MP8621</b> <b>MP8622</b>
Anl Funct  (new)	<b>SENSe[1]:FUNcTion:PESQ:REFLevel?</b>  Query Only
Anl Funct  (new)	<b>SENSe[1]:FUNcTion:PESQ:DEGLevel?</b>  Query Only
Anl Funct  (new)	<b>SENSe[1]:FUNcTion:PESQ:AVGDelay?</b>  Query Only
Anl Funct	SENSe[1]:NOTCh DB0 DB12 DB30 OFF
Anl Funct	SENSe[1]:NOTCh:FREQUency <nu>
Anl Funct	SENSe[1]:NOTCh:FREQUency:MODE VALue GENTrack

Anl Funct	SENSe[1]:SWEep:CONTRol OFF ASWeep ALISt MSWeep MLISt
Anl Funct	SENSe[1]:SWEep:POINts <n>
Anl Funct	SENSe[1]:SWEep:SPACing LINSteps LOGSteps LINPoints LOGPoints
Anl Funct	SENSe[1]:SWEep:STEP <nu>
Anl Funct	SENSe[1]:THDN:REJection NARRow WIDE
Anl Funct	SENSe[1]:UNAuto[1] ON OFF
Anl Funct	SENSe[1]:UNAuto2 ON OFF
Anl Funct	SENSe[1]:UNIT[1] V DBV :
Anl Funct	SENSe[1]:UNIT2 V DBV :
Anl Funct	SENSe[1]:USERunit[1] 'Unitstring'
Anl Funct	SENSe[1]:USERunit2 'Unitstring'
Anl Funct	SENSe[1]:VOLTage:APERture <nu>
Anl Funct	SENSe[1]:VOLTage:EQUalize ON OFF
Anl Funct	SENSe[1]:VOLTage:FUNDamental <nu>
Anl Funct	SENSe[1]:VOLTage:FUNDamental:MODE AUTO VALue GENTrack



Anl Funct	SENSe[1]:VOLTage:INTVtime <nu>
Anl Funct	SENSe[1]:VOLTage:INTVtime:MODE SFAST FAST SLOW FIXed VALue
Anl Proto	Query only  SENSe8:PROTOcol:CH<x>:BYTE<y>?  <x> and <y> are suffixes <x> = Channel 1 or 2 <y> = Byte 0 ... 4 Return value = 0 ... 255
Anl Proto	SENSe8:FUNCTion OFF ON
Anl Proto	SENSe8:PROTOcol:DISPlay ON OFF
Anl Proto	SENSe8:PROTOcol:HIGHLight NOTHING FOUtpuT BETWeen FSTart
Anl Proto	SENSe8:PROTOcol:MODE AUTomatic   AUTOMatic CONSUMER PROFessional
Anl Proto	SENSe8:PROTOcol:PERSistence SHORT LONG FORever
Anl Proto	SENSe8:PROTOcol:ERRor?  Query only  Answer: 0,"No error" or <n>,"PCM1,PCM2,PAR1,PAR2,..."  <n> represents 10 Bits (d0 ... d9) <n> = 0 ... 1023  d0: PCM1 d1: PCM2

	d2: PAR1 d3: PAR2 d4: LOC1 d5: LOC2 d6: CRC1 d7: CRC2 d8: INV1 d9: INV2
Anl Proto	SENSe8:PROTOcol:VIEW BINText BINOnly
Aud Mon	AUXiliaries:AUDMonitor ON OFF
Aud Mon	AUXiliaries:PHONE ON OFF
Aud Mon	AUXiliaries:PHPermanent ON OFF
Aud Mon	AUXiliaries:SPEaker ON OFF
Aud Mon	AUXiliaries:SPEaker:CHANnel STEReo CH1 CH2
Aud Mon	AUXiliaries:SPEaker:SOURce INPut MONitor FUNction GENerator
Aud Mon	AUXiliaries:SPEaker:VOLume <n>  <n> = 0 ... -120
Aux	AUXiliaries:AAUXout DC AUDM1 alias GENerator
Aux	AUXiliaries:DCValue <nu>  <nu> = -2,5 ... 2,5 V
Config	SYSTem:COMMunicate:GPIB:ADDRess <n>  <n> = 0 ... 31

Config	SYSTem:DISPlay:SCPIUpdate alias SYSTem:DISPlay:SCPIupdate OFF ON
Config	SYSTem:QLONG OFF ON
Diagnostic	DIAGnostic:PASSword "Password"  The password is not disclosed here!  <a href="#">The query answer is 'Passwrđ ok', not the actual password.</a>
Display	DISPlay:Subsys<i>:X:UNIT HZ DHZ :
Display	DISPlay:Subsys<i>:X:UNIT:AUTO alias AUTO ON OFF
Display	DISPlay:Subsys<i>:X:UNIT:USER 'string'
Display	DISPlay:Subsys<i>:X:REFERENCE:VALue <nu>
Display	DISPlay:Subsys<i>:OCURsor:STATe OFF ACTive INACTive
Display	DISPlay:Subsys<i>:XCURsor:STATe OFF ACTive INACTive
Display	DISPlay:Subsys<i>:OCURsor:MODE VA VB VAB HA HB
Display	DISPlay:Subsys<i>:XCURsor:MODE VA VB VAB HA HB
Display	DISPlay:Subsys<i>:OCURsor:SETTo:XPOS <nu>
Display	<a href="#">Query only</a>

	DISPlay:Subsys<i>:OCURsor:Y?
Display	Query only DISPlay:Subsys<i>:XCURsor:Y?
Display	DISPlay:Subsys<i>:XCURsor:SETTo:XPOS <nu>
Display	DISPlay:Subsys<i>:OCURsor:SETTo:MAX ONCE alias EXEC DISPlay:Subsys<i>:XCURsor:SETTo:MAX ONCE alias EXEC  ONCE or EXEC are not necessary  No Query
Display	DISPlay:Subsys<i>:OCURsor:SETTo:MIN ONCE alias EXEC DISPlay:Subsys<i>:XCURsor:SETTo:MIN ONCE alias EXEC  ONCE or EXEC are not necessary  No Query
Display	DISPlay:Subsys<i>:OCURsor:SETTo:MRKA ONCE alias EXEC DISPlay:Subsys<i>:XCURsor:SETTo:MRKA ONCE alias EXEC  ONCE or EXEC are not necessary  No Query
Display	DISPlay:Subsys<i>:OCURsor:SETTo:MRKB ONCE alias EXEC DISPlay:Subsys<i>:XCURsor:SETTo:MRKB ONCE alias EXEC  ONCE or EXEC are not necessary  No Query
Display	DISPlay:Subsys<i>:OCURsor:SETTo:YPOS <nu>  Horizontal cursor only
Display	DISPlay:Subsys<i>:XCURsor:SETTo:YPOS <nu>  Horizontal cursor only
Display	DISPlay:Subsys<i>:OCURsor:POSMode PIXel POINT PEAK HARMonic

Display	DISPlay:Subsys<i>:XCURsor:POSMode PIXel POINT PEAK HARMonic
Display	DISPlay:Subsys<i>:A B:MARKer:MODE OFF FIXed TRKMax
Display	DISPlay:Subsys<i>:A B:MARKer:HARMonics ON OFF
Display	DISPlay:Subsys<i>:A B:MARKer:SETTo:OCURsor ONCE alias EXEC DISPlay:Subsys<i>:A B:MARKer:SETTo:XCURsor ONCE alias EXEC  ONCE or EXEC are not necessary  No Query
Display	DISPlay:Subsys<i>:A B:MARKer:SETTo:XPOS <nu>
Display	DISPlay:Subsys<i>:A B:UPDate ALIVE HOLD
Display	DISPlay:Subsys<i>:A B:REFerence MEASpanel VALue MAXimum XCURsor OCURsor REF997 REF1000 CH1Meas CH2Meas GENTrack FILE HOLD
Display	DISPlay:Subsys<i>:A B:REFerence:FILE 'filename'
Display	DISPlay:Subsys<i>:A B:REFerence:VALue <nu>
Display	DISPlay:Subsys<i>:A B:NORMalize OFF VALue OCURsor XCURsor  All subsystems except WAVeform
Display	DISPlay:Subsys<i>:A B:NORMalize:VALue <nu>

	All subsystems except WAVeform
Display	DISPlay:Subsys<i></i>:A B:UNIT V DBV DBU :
Display	DISPlay:Subsys<i></i>:A B:UNIT:AUTo alias AUTO ON OFF
Display	DISPlay:Subsys<i></i>:A B:UNIT:TRACk ON OFF
Display	DISPlay:Subsys<i></i>:A B:UNIT:USER 'string'
Display	DISPlay:Subsys<i></i>:A B:YSOurce  <b>BARgraph:</b> OFF FUNC1 FUNC2 FILEA FILEB  <b>FFT:</b> OFF FFTL1 FFTL2 FFTP1 FFTP2 FILEA FILEB FFTP21 (for FFT-Phase Ch2 – Ch1)  <b>MONitor:</b> OFF LEV1 LEV2 PHAS1 PHAS2 FILEA FILEB  <b>SWEep:</b> OFF FUNC1 FUNC2 FREQ1 FREQ2 PHASe GROupdelay LMRM1 LMRM2 LMDC1 LMDC2 LMPK1 LMPK2

(new)	INPP1 INPP2 FILEA FILEB  <b>WAVeform:</b> OFF LEV1 LEV2 FILEA FILEB  <b>PESQ:</b> OFF PEMO DELay FILEA FILEB
Display	DISPlay:Subsys<i>:A B:YSource:FILE 'filename'
Display	DISPlay:Subsys<i>:SCANOffset <n> <i> = 1, 2 <n> = 2   MAX, 1   MIN, 0  Query and command logging show the numerical value 2 for MAX and 1 for MIN
Display	DISPlay:Subsys<i>:DLISt:FILTer ALL LIMUpper LIMLower LIMBoth HARMonics PEAKs  Subsys = SWEep BARgraph FFT WAVeform
Display	DISPlay:Subsys<i>:A B:LIMShift ON OFF
Display	DISPlay:Subsys<i>:A B:LIMShift:PARAllel <nu>
Display	DISPlay:Subsys<i>:A B:LIMShift:SYMMetrical <nu>
Display	DISPlay:Subsys<i>:A B:LIMUpper ON OFF
Display	DISPlay:Subsys<i>:A B:LIMUpper:SOURce VALue HOLD FILE

	IFILe
Display	DISPlay:Subsys<i></i>:A B:LIMUpper:SOURce:VALue <nu>
Display	DISPlay:Subsys<i></i>:A B:LIMUpper:SOURce:FILE 'filename'
Display	DISPlay:Subsys<i></i>:A B:LIMLower ON OFF
Display	DISPlay:Subsys<i></i>:A B:LIMLower:SOURce VALue HOLD FILE IFILe
Display	DISPlay:Subsys<i></i>:A B:LIMLower:SOURce:VALue <nu>
Display	DISPlay:Subsys<i></i>:A B:LIMLower:SOURce:FILE 'filename'
Display	DISPlay:Subsys<i></i>:TRACk:REFerence ON OFF
Display	DISPlay:Subsys<i></i>:TRACk:SCALing ON OFF
Display	DISPlay:Subsys<i></i>:TRACk:LIMit ON OFF
Display	DISPlay:Subsys<i></i>:A B:TOP <nu>
Display	DISPlay:Subsys<i></i>:A B:BOTTom <nu>
Display	DISPlay:Subsys<i></i>:X:LEFT <nu>
Display	DISPlay:Subsys<i></i>:X:RIGHT <nu>
Display	DISPlay:Subsys<i></i>:A B:SPACing <nu>
Display	DISPlay:Subsys<i></i>:X:SPACing <nu>
Display	DISPlay:Subsys<i></i>:X:SCALing AUTo alias AUTO MANual
Display	MMEMory:Subsys<i></i>:LIMit:OFFSet:VALue <nu>
Display	DISPlay:Subsys<i></i>:X:SOURce SWEep HOLD



	MANual LRMS LDC LPEak FREQuency
Display	DISPlay:Subsys<i></i>:X:AXIS TIME VOLTage FREQuency PHASe VDIGital JPKamplitude
Filter	Query only! SENSe[1]:UFILter<i></i>:STOPb:LOWer? <i> = 1 ... 9
Filter	Query only! SENSe[1]:UFILter<i></i>:STOPb:UPPer? <i> = 1 ... 9
Filter	Query only! SENSe[1]:UFILter<i></i>:STOPb? <i> = 1 ... 9
Filter	SENSe:UFILter<i></i>:ORDer N4 N8 <i> = 1 ... 9
Filter	SENSe[1]:UFILter<i></i> HPASs LPASs BPASs BStOp BStOp NOTCh TOCTave OCTave FILE <i> = 1 ... 9
Filter	SENSe[1]:UFILter<i></i>:ATTenuation <nu> <i> = 1 ... 9
Filter	SENSe[1]:UFILter<i></i>:CENTer <nu> <i> = 1 ... 9
Filter	SENSe[1]:UFILter<i></i>:DELay <nu> <i> = 1 ... 9
Filter	SENSe[1]:UFILter<i></i>:FNAMe 'filename' <i> = 1 ... 9

Filter	SENSe[1]:UFILter<i></i>:PASSb <nu> <i> = 1 ... 9
Filter	SENSe[1]:UFILter<i></i>:PASSb:LOWer <nu> <i> = 1 ... 9
Filter	SENSe[1]:UFILter<i></i>:PASSb:UPPer <nu> <i> = 1 ... 9
Filter	SENSe[1]:UFILter<i></i>:WIDTh <nu> <i> = 1 ... 9
Gen Config	<p>OUTPut:SAMPlE:MODE</p> <p>Parameter for Generator-Instrument Digital Audio:  F32  F44  F48  F88  F96  F176  F192  SYNChron  VALue</p> <p>Parameter for Generator-Instrument I2S Board:  F08  F11  F16  F22  F32  F44  F48  F88  F96  F176  F192  F384  VALue</p>
Gen Config	<p>SOURce:DIgital:SYNC:TO alias SOURce</p> <p>Parameter for Generator-Instrument Digital Audio:  INTClock alias GCLock  AINPut  AUXinput alias RINPut  SINPut  SINVinput</p> <p>Parameter for Generator-Instrument I2S Board:  INTern  EXTMasterclock  EXTWordclock</p>
Gen Config	<p>INSTRument[1][:SElect]</p> <p>ANLG alias A25  DIG alias D48  I2SBoard alias I2S  IMPairment</p>

	alias  INSTrument[1]:NSElect 1   2   3   4   5 1 = ANLG 2 or 3 = DIG 4 = I2SBoard 5 = IMPairment
Gen Config	SOURce:IMPairment ON OFF
Gen Config	OUTPut:AUDIobits <n>
Gen Config	OUTPut:BANDwidth:MODE B22 B40 B80 AUTo alias AUTO
Gen Config	OUTput:CHANnel alias OUTput:SElect OFF CH1 CH2 CH2Is1
Gen Config	OUTPut:DIGital:AUXiliary:OUTput alias OUTPut:DIGital:AUXiliary:FEED alias OUTPut:DIGital:REFerence:OUTput alias OUTPut:DIGital:REFerence:FEED AOUTput AINPut AINReclock RGENerator AUXin
Gen Config	OUTPut:DIGital:CSIMulator OFF SIMLong
Gen Config	OUTPut:DIGital:INTClockfreq <nu>
Gen Config	OUTPut:DIGital:SYNC:OUTPut alias OUTPut:DIGital:SYNC:FEED ADOutput ADINput AXINput GSYPll JRFPII AXOutput SYINput INTClock
Gen Config	OUTPut:DIGital:SYNC:TYPE

	WCLock BCLock
Gen Config	OUTPut:DIGital:UNBalanced:OUTPut alias OUTPut:DIGital:UNBalanced:FEED AOUTput AINPut
Gen Config	OUTPut:FORMat SI2S USERdefined
Gen Config	OUTPut:FSHape SQUpuls BITPulse
Gen Config	OUTPut:IMPedance R10 R200 R600
Gen Config	OUTPut:LOW FLOat GROund
Gen Config	OUTPut:MCLKratio M96 M128 M192 M256 M384 M512
Gen Config	OUTPut:POLarity Parameter depend on the setting of OUTP:FPU  Parameter for the setting OUTP:FPU SQU: OUTPut:POLarity LFTLow LFTHigh  Parameter for the setting OUTP:FPU BITP: OUTPut:POLarity NEGative POSitive
Gen Config	OUTPut:SAMPle:FREQuency <nu>
Gen Config	OUTPut:SIGNal:BALanced:LEVel <nu>
Gen Config	OUTPut:SIGNal:LEVel <nu>
Gen Config	OUTPut:TYPE BALanced UNBalanced CTEST

Gen Config  (new)	<b>OUTPut:WLENgth</b> Alias OUTPut:WORDlength Alias <b>OUTPut:WRDLength</b> W16 W24 W32
Gen Config  (new)	<b>OUTPut:WOffset &lt;n&gt;</b> Alias OUTPut:WRDOffset <n>  If (OUTPut:WRDLength == 16) <n> = -16 ... 15 If (OUTPut:WRDLength == 24) <n> = -24 ... 23 If (OUTPut:WRDLength == 32) <n> = -32 ... 31
Gen Config  (new)	<b>OUTPut</b> <b>ON</b> <b>OFF</b>
Gen Config	SOURce:DIGital:FRAMephase <nu>
Gen Config	SOURce:DIGital:PHASetorefvar OFF VALue
Gen Config	SOURce:DIGital:REFerence AZERo AONE
Gen Config	SOURce:DIGital:SRcMode alias FEED ADATa JITTer COMMon
Gen Config	SOURce:FREQuency:REFerence <nu>
Gen Config	SOURce:VOLTage:MAXimum alias LIMit <nu>
Gen Config	SOURce:VOLTage:RANGe AUTO FIX
Gen Config	SOURce:VOLTage:REFerence <nu>
Gen Funct	SOURce:LOOP:CHANnel OFF CH1 CH2 STEReo CROSSsed

Gen Funct	SOURce:LOOP:GAIN <nu>  <nu> in MLT   DB
Gen Funct	for Multisinus: SOURce:FUNCTion:MODE EQUalvoltage DEFinedvoltage  for DFD: SOURce:FUNCTion:MODE IEC268 IEC118  for Modulation: SOURce:FUNCTion:MODE AM FM
Gen Funct	MMEMory:LOAD:ARBitrary 'filename'
Gen Funct	MMEMory:LOAD:DWELI 'filename'
Gen Funct	MMEMory:LOAD:FREQuency 'file'
Gen Funct	MMEMory:LOAD:INTerval 'filename'
Gen Funct	MMEMory:LOAD:OEQualize 'filename'
Gen Funct	MMEMory:LOAD:ONTime 'filename'
Gen Funct	MMEMory:LOAD:PHASe 'filename'
Gen Funct	MMEMory:LOAD:VOLTage 'filename'
Gen Funct	SOURce:BANDwidth F30 F100
Gen Funct	SOURce:DIM DIMA DIMB DIMS
Gen Funct	SOURce:FILTer OFF UFIL1 UFIL2 UFIL3 UFIL4 UFIL5 UFIL6 UFIL7 UFIL8 UFIL9 AWE

(new)	CARM CCIU CCIR CCIT CMES DCN DEMP17 DEMP5015 DEMP50 DEMP75 IECT JITT URUM WRUM PEMP17 PEMP5015 PEMP50 PEMP75 HP22 HP400 LP22 LP30 LP80 AES17 CWE
Gen Funct	SOURce:AM:MODE OFF SINusoid BURSt
Gen Funct	SOURce:FREQuency:AM <nu>
Gen Funct	SOURce:FREQuency:CH2Stereo <nu>
Gen Funct	SOURce:FREQuency:DIFFerence <nu>
Gen Funct	SOURce:FREQuency:MEAN <nu>
Gen Funct	SOURce:FREQuency:SElect FQPH FQFQ
Gen Funct	SOURce:FREQuency[1] [:CW FIXed] <nu>
Gen Funct	SOURce:FREQuency<i>[:CW FIXed] <nu> <i> = 3 ... 32
Gen Funct	SOURce:FREQuency2[:CW FIXed] <nu>
Gen Funct	SOURce:FUNCTion[:SHAPE] SINusoid STEReo MULTisine BURSt S2Pulse

	MDISt DFD DIM RANDom ARBitrary POLarity MODulation alias FM DC PLAY PLYAnlr alias O131
Gen Funct	SOURce:INTerval <nu>
Gen Funct	SOURce:LOWDistortion ON OFF
Gen Funct	SOURce:MULTisine:COUNT <n>
Gen Funct	SOURce:ONTime <nu>
Gen Funct	SOURce:ONTime:DELay <nu>
Gen Funct	SOURce:PHASe[<i>] <i> = 1 ... 32 <nu> = 0 ... 360 °
Gen Funct	SOURce:PLAY:CHANnel MLEFt MRIGHt STEReo
Gen Funct	SOURce:PLAY:MODE TOCont TOSingle TICont TISingle
Gen Funct	SOURce:PLAY:SCALepktofs ON OFF
Gen Funct	SOURce:PLAY:TIME <nu>
Gen Funct	SOURce:RANDom:DOMain FREQuency TIME
Gen Funct	SOURce:RANDom:FREQuency:LOWer <nu>
Gen Funct	SOURce:RANDom:FREQuency:UPPer <nu>
Gen Funct	SOURce:RANDom:PDF GAUSSian TRlangle



	RECTangle
Gen Funct	SOURce:RANDom:SHAPE WHITE PINK TOCTave ARBitrary
Gen Funct	SOURce:RANDom:SPACing:FREQUency <nu>
Gen Funct	SOURce:RANDom:SPACing:MODE ATRack USERdefined
Gen Funct	SOURce:SINusoid:DITHer <nu>
Gen Funct	SOURce:SINusoid:DITHer:STATe ON OFF
Gen Funct	SOURce:SWEep:CONTRol OFF ASWeep ALISt MSWeep MLISt
Gen Funct	SOURce:SWEep:DWELI <nu> <nu> = 10 ms ... 1000 s
Gen Funct	SOURce:SWEep:FREQUency: SPACing LINSteps LOGSteps LINPoints LOGPoints
Gen Funct	SOURce:SWEep:FREQUency:POINts <n>
Gen Funct	SOURce:SWEep:FREQUency:STARt <nu>
Gen Funct	SOURce:SWEep:FREQUency:STEP <nu>
Gen Funct	SOURce:SWEep:FREQUency:STOP <nu>
Gen Funct	SOURce:SWEep:INTerval: SPACing LINSteps LOGSteps LINPoints LOGPoints
Gen Funct	SOURce:SWEep:INTerval:POINts <n>
Gen Funct	SOURce:SWEep:INTerval:STARt <nu>

Gen Funct	SOURce:SWEEp:INTERval:STEP <nu>
Gen Funct	SOURce:SWEEp:INTERval:STOP <nu>
Gen Funct	SOURce:SWEEp:NEXtstep DWELl ASYNc LIST
Gen Funct	SOURce:SWEEp:ONTime: SPACing LINSteps LOGSteps LINPoints LOGPoints
Gen Funct	SOURce:SWEEp:ONTime:POINts <n>
Gen Funct	SOURce:SWEEp:ONTime:STARt <nu>
Gen Funct	SOURce:SWEEp:ONTime:STEP <nu>
Gen Funct	SOURce:SWEEp:ONTime:STOP <nu>
Gen Funct	SOURce:SWEEp:PHASe: SPACing LINSteps LOGSteps LINPoints LOGPoints
Gen Funct	SOURce:SWEEp:PHASe:POINts <n>
Gen Funct	SOURce:SWEEp:PHASe:STEP <nu>
Gen Funct	SOURce:SWEEp:PHASe:STOP <nu>
Gen Funct	SOURce:SWEEp:PHASe:STOP <nu>
Gen Funct	SOURce:SWEEp:VOLTage: SPACing LINSteps LOGSteps LINPoints LOGPoints
Gen Funct	SOURce:SWEEp:VOLTage:POINts <n>
Gen Funct	SOURce:SWEEp:VOLTage:STARt <nu>
Gen Funct	SOURce:SWEEp:VOLTage:STEP <nu>
Gen Funct	SOURce:SWEEp:VOLTage:STOP <nu>
Gen Funct	SOURce:SWEEp:XAXis FREQUency

	VOLTage ONTIme INTervall
Gen Funct	SOURce:SWEEp:ZAXis OFF FREQuency VOLTage ONTIme INTervall
Gen Funct	SOURce:VOLTage:AM <nu>  <nu> in PCT (%)
Gen Funct	SOURce:VOLTage:CH2Stereo <nu>
Gen Funct	SOURce:VOLTage:CREStfactor <nu>
Gen Funct	SOURce:VOLTage:CREStfactor:MODE MINimized DPHase VALue
Gen Funct	SOURce:VOLTage:EQUalize:STATe ON OFF
Gen Funct	SOURce:VOLTage:LOWLevel <nu>
Gen Funct	SOURce:VOLTage:OFFSet <nu>
Gen Funct	SOURce:VOLTage:OFFSet:STATe ON OFF
Gen Funct	SOURce:VOLTage:RATio <n>
Gen Funct	SOURce:VOLTage:RMS <nu>
Gen Funct	SOURce:VOLTage:SElect VLRT VLVL
Gen Funct	SOURce:VOLTage:TOTal <nu>
Gen Funct	SOURce:VOLTage:TOTal:GAIN <nu> <nu> in dB
Gen Funct	SOURce:VOLTage[1] <nu>  Basic unit V or FS with Modulation %

Gen Funct	SOURce:VOLTage<i> <nu>  <i> = 3 ... 32 Basic unit V or FS with Modulation %
Gen Funct	SOURce:VOLTage2 <nu>  Basic unit V or FS with Modulation %
Gen Proto	SOURce:PROTOcol:AZERo ONCE  <a href="#">Query answer is always OFF</a>
Gen Proto	SOURce:PROTOcol:CH<x>:BYTE<y> <n>  <x> and <y> are suffixes <x> = CHannel 1 or 2 <y> = Byte 0 ... 3 <n> = Value 0 ... 255
Gen Proto	SOURce:PROTOcol:CHANnels CH2Is1 SPLit
Gen Proto	SOURce:PROTOcol:CRC ON OFF
Gen Proto	SOURce:PROTOcol:MODE PROFessional CONSUMER
Gen Proto	SOURce:PROTOcol:NUMerical:BYTe <n>  <n> = 0 ... 3
Gen Proto	SOURce:PROTOcol:NUMerical:CH <n>  <n> = 1   2
Gen Proto	SOURce:PROTOcol:NUMerical:VALue <n>  <n> = 0 ... 255
Gen Proto	SOURce:PROTOcol:VALidity NONE CH1And2
Hardcopy	HCOPY:[IMMEDIATE]  <a href="#">No Query</a>
Hardcopy	HCOPY:DESTINATION PRINter alias PRPCx alias PRSPc

	FILE CLIPboard
Hardcopy	HCOPY:FILE 'name'
Hardcopy	HCOPY:FILE:MODE NEW OVERwrite INCRement
Hardcopy	HCOPY:PRINter:ADDition OFF ON
Hardcopy	HCOPY:PRINter:FOOTer 'text'
Hardcopy	HCOPY:PRINter:HEADer 'text'
Hardcopy	HCOPY:PRINter:ORlentation PORTrait LANDscape
Hardcopy	HCOPY:SOURce WINDow GRAPhics
Load Setup	MMEMory:LOAD:STATe "filename"
Load Trc	FORMat[:DATA] REAL ASCii
Load Trc	Query only:  TRACe:Subsys<i></i>:LOAD:AX? TRACe:Subsys<i></i>:LOAD:AY? TRACe:Subsys<i></i>:LOAD:BX? TRACe:Subsys<i></i>:LOAD:BY?
Load Trc	Query only:  TRACe:Subsys<i></i>:LOAD:COUNt:AX? TRACe:Subsys<i></i>:LOAD:COUNt:AY? TRACe:Subsys<i></i>:LOAD:COUNt:BX? TRACe:Subsys<i></i>:LOAD:COUNt:BY?
Load Trc	Query only:  TRACe:Subsys<i></i>:LDList:AX? TRACe:Subsys<i></i>:LDList:AY? TRACe:Subsys<i></i>:LDList:BX? TRACe:Subsys<i></i>:LDList:BY?
Load Trc	Query only:

	<p>TRACe:Subsys&lt;i&gt;:LDList:COUNT:AX?  TRACe:Subsys&lt;i&gt;:LDList:COUNT:AY?  TRACe:Subsys&lt;i&gt;:LDList:COUNT:BX?  TRACe:Subsys&lt;i&gt;:LDList:COUNT:BY?</p>
Special	<p>INITiate:CONTInuous  ON  OFF  WAIT</p>
Special	<p>INITiate:CONTInuous:TIMEout &lt;nu&gt;    &lt;nu&gt; 0 to 1000s  0s is the same as INIT:CONT ON</p>
Special	<p>INITiate:FORCe  START  STOP  SINGle  CONTInuous    No Query</p>
Special	<p>INITiate[:IMMEDIATE]    No Query</p>
Special	<p>SYSTem:MEMory:FREE  STRing  TRACe    No Query</p>
Special	<p>SYSTem:MEMory:STRing&lt;i&gt; "String"  &lt;i&gt; = 1 ... 1024  Stringlength max. 540 Byte</p>
Special	<p>SYSTem:MEMory:DATA&lt;i&gt; &lt;x&gt;    &lt;x&gt; may be a set of ASCII data &lt;n,n, ..... ,n,n&gt; or a set of binary data #&lt;LengthofLength&gt;&lt;Length&gt;&lt;Binary data as float&gt;    &lt;i&gt; = 1 ... 16</p>
Special	<p>SYSTem:PROGramm:EXECute 'xxx.exe'</p>
Special	<p>SYSTem:SHUtdown  SYSTem:SHUtdown &lt;nu&gt;    Alias    SYSTem:SHTDown  SYSTem:SHTDown &lt;nu&gt;    No Query</p>

Special	<p>SYSTem:DISPlay:EXPLanation&lt;i&gt;:SHOW "x=0,y=10,w=200,h=100"</p> <p>&lt;i&gt; = 1...10</p>
Special	<p>SYSTem:DISPlay:EXPLanation&lt;i&gt;:TEXT "&lt;RTF-Text&gt;"</p> <p>&lt;i&gt; = 1...10</p>
Special	<p>SYSTem:DISPlay:EXPLanation&lt;i&gt;:HIDE</p> <p>&lt;i&gt; = 1...10</p>
Special	<p>STATus:OPERation:EVENT? STATus:OPERation:CONDition? STATus:OPERation:ENABle &lt;n&gt; STATus:OPERation:PTRansition &lt;n&gt; STATus:OPERation:NTRansition &lt;n&gt;</p> <p>STATus:QUESTionable:EVENT? STATus:QUESTionable:CONDition? STATus:QUESTionable:ENABle &lt;n&gt; STATus:QUESTionable:PTRansition &lt;n&gt; STATus:QUESTionable:NTRansition &lt;n&gt;</p> <p>STATus:XQUESTionable:EVENT? STATus:XQUESTionable:CONDition? STATus:XQUESTionable:ENABle &lt;n&gt; STATus:XQUESTionable:PTRansition &lt;n&gt; STATus:XQUESTionable:NTRansition &lt;n&gt;</p> <p>STATus:QUEEue:NEXT STATus:PRESet</p>
Store Setup	<p>MMEMory:STORE:STATe "filename"</p>
Store Trc	<p>TRACe:Subsys&lt;i&gt;:STORE:AX &lt;x&gt; TRACe:Subsys&lt;i&gt;:STORE:AY &lt;x&gt; TRACe:Subsys&lt;i&gt;:STORE:BX &lt;x&gt; TRACe:Subsys&lt;i&gt;:STORE:BY &lt;x&gt;</p> <p>&lt;x&gt; may be a set of ASCII data &lt;n,n, ..... ,n,n&gt; or a set of binary data #&lt;LengthofLength&gt;&lt;Length&gt;&lt;Binary data as float&gt;</p> <p>No Query. Query replacement is the command TRACe:Subsys&lt;i&gt;:LOAD:AX AY BX BY?</p>
Store Trc	<p>MMEMory:Subsys&lt;i&gt;:EQUalization:MODify ON OFF</p>
Store Trc	<p>MMEMory:Subsys&lt;i&gt;:EQUalization:NORMfrequency &lt;nu&gt;</p>
Store Trc	<p>MMEMory:Subsys&lt;i&gt;:LIMit:OFFSet OFF ON</p>

Store Trc	MMEMory:Subsys<i></i>:STAS TRCList EQUList SWPList LLISt DSElect
Store Trc	MMEMory:Subsys<i></i>:STORE "Mysweep.trc"
Store Trc	MMEMory:Subsys<i></i>:TRACe A B
Switcher	SWITcher:INPA <n> Alias: SWITcher:INPut[1] <n>
Switcher	SWITcher:INPB <n> Alias: SWITcher:INPut2 <n>
Switcher	SWITcher:OFFSet:BVSA <n> Alias: SWITcher:OFFSet:CH2V <n>
Switcher	SWITcher:OFFSet:OVSI <n> Alias: SWITcher:OVI <n>
Switcher	SWITcher:OUTA <n> Alias: SWITcher:OUTPut[1] <n>
Switcher	SWITcher:OUTB <n> Alias: SWITcher:OUTPut2 <n>
Switcher	SWITcher:STATe ON OFF
Switcher	SWITcher:TRACking OFF BVSA Alias CH2V OVSI Alias OVI ALL
Trigger	AUXiliaries:TRIGger:INPut:EDGE RISing FALLing
Trigger	AUXiliaries:TRIGger:INPut:ENABle ON OFF



Trigger	AUXiliaries:TRIGger:INPut:MODE MSINgle MCONtstop TRIGinptest
Trigger	AUXiliaries:TRIGger:OUTPut:EDGE RISing FALLing
Trigger	AUXiliaries:TRIGger:OUTPut:ENABle ON OFF
Trigger	AUXiliaries:TRIGger:OUTPut:FREQuency <nu>
Trigger	AUXiliaries:TRIGger:OUTPut:MODE MEASuring AUXClockout

## Alphabetical List of Remote Control Commands

Command-Mnemonic
ADJust:JITTer:AUTO Alias CALibrate:JITTer:AUTO ONCE  Query answer is always OFF
ADJust:LDG:AUTO Alias CALibrate:LDG:AUTO ONCE  Query answer is always OFF
ADJust:SECGen:AUTO ONCE  Query answer is always OFF
ADJust:ZERO:AUTO Alias CALibrate:ZERO:AUTO OFF ON ONCE
AUXiliaries:AAUXout DC AUDM1 alias GENERator
AUXiliaries:AUDMonitor ON OFF
AUXiliaries:DCValue <nu>  <nu> = -2,5 ... 2,5 V
AUXiliaries:PHONE ON OFF
AUXiliaries:PHPermanent ON OFF
AUXiliaries:SPEaker ON OFF
AUXiliaries:SPEaker:CHANnel

<p>STEReo CH1 CH2</p>
<p>AUXiliaries:SPEaker:SOURce INPut MONitor FUNctioN GENerator</p>
<p>AUXiliaries:SPEaker:VOLume &lt;n&gt;  &lt;n&gt; = 0 ... -120</p>
<p>AUXiliaries:TRIGger:INPut:EDGE RISing FALLing</p>
<p>AUXiliaries:TRIGger:INPut:ENable ON OFF</p>
<p>AUXiliaries:TRIGger:INPut:MODE MSINgle MCONtstop TRIGinptest</p>
<p>AUXiliaries:TRIGger:OUTPut:EDGE RISing FALLing</p>
<p>AUXiliaries:TRIGger:OUTPut:ENable ON OFF</p>
<p>AUXiliaries:TRIGger:OUTPut:FREQUency &lt;nu&gt;</p>
<p>AUXiliaries:TRIGger:OUTPut:MODE MEASuring AUXClockout</p>
<p>DIAGnostic:CALibration alias DIAGnostic:ADJustment CLDG      alias      ALDG CAGEn     alias      AAGEn CANLr0    alias      AANLr0 CDPHase   alias      ADPHase</p>
<p>DIAGnostic:CALibration:ADDRess &lt;n&gt; alias DIAGnostic:ADJustment:ADDRess &lt;n&gt;</p>
<p>DIAGnostic:CALibration:FDATa &lt;n&gt; alias</p>

DIAGnostic:ADJustment:FDATa <n>
DIAGnostic:PASSword "Password" The password is not disclosed here! <a href="#">The query answer is 'Passwrk ok', not the actual password.</a>
DISPlay:Subsys<i>:A B:BOTTom <nu>
DISPlay:Subsys<i>:A B:LIMLower ON OFF
DISPlay:Subsys<i>:A B:LIMLower:SOURce VALue HOLD FILE IFILE
DISPlay:Subsys<i>:A B:LIMLower:SOURce:FILE 'filename'
DISPlay:Subsys<i>:A B:LIMLower:SOURce:VALue <nu>
DISPlay:Subsys<i>:A B:LIMShift ON OFF
DISPlay:Subsys<i>:A B:LIMShift:PARAllel <nu>
DISPlay:Subsys<i>:A B:LIMShift:SYMMetrical <nu>
DISPlay:Subsys<i>:A B:LIMUpper ON OFF
DISPlay:Subsys<i>:A B:LIMUpper:SOURce VALue HOLD FILE IFILE
DISPlay:Subsys<i>:A B:LIMUpper:SOURce:FILE 'filename'
DISPlay:Subsys<i>:A B:LIMUpper:SOURce:VALue <nu>
DISPlay:Subsys<i>:A B:MARKer:HARMonics ON OFF
DISPlay:Subsys<i>:A B:MARKer:MODE OFF FIXed TRKMax

<p>DISPlay:Subsys&lt;i&gt;:A B:MARKer:SETTo:OCURsor  ONCE alias EXEC  DISPlay:Subsys&lt;i&gt;:A B:MARKer:SETTo:XCURsor  ONCE alias EXEC</p> <p>ONCE or EXEC are not necessary</p> <p>No Query</p>
<p>DISPlay:Subsys&lt;i&gt;:A B:MARKer:SETTo:XPOS &lt;nu&gt;</p>
<p>DISPlay:Subsys&lt;i&gt;:A B:NORMAlize  OFF  VALue  OCURsor  XCURsor</p> <p>All subsystems except WAVeform</p>
<p>DISPlay:Subsys&lt;i&gt;:A B:NORMAlize:VALue &lt;nu&gt;</p> <p>All subsystems except WAVeform</p>
<p>DISPlay:Subsys&lt;i&gt;:A B:REFerence  MEASpanel  VALue  MAXimum  XCURsor  OCURsor  REF997  REF1000  CH1Meas  CH2Meas  GENTrack  FILE  HOLD</p>
<p>DISPlay:Subsys&lt;i&gt;:A B:REFerence:FILE 'filename'</p>
<p>DISPlay:Subsys&lt;i&gt;:A B:REFerence:VALue &lt;nu&gt;</p>
<p>DISPlay:Subsys&lt;i&gt;:A B:SPACing &lt;nu&gt;</p>
<p>DISPlay:Subsys&lt;i&gt;:A B:TOP &lt;nu&gt;</p>
<p>DISPlay:Subsys&lt;i&gt;:A B:UNIT  V  DBV  DBU  :</p>
<p>DISPlay:Subsys&lt;i&gt;:A B:UNIT:AUTo alias AUTO  ON  OFF</p>
<p>DISPlay:Subsys&lt;i&gt;:A B:UNIT:TRACK  ON</p>

OFF
DISPlay:Subsys<i>:A B:UNIT:USER 'string'
DISPlay:Subsys<i>:A B:UPDate ALIVE HOLD
DISPlay:Subsys<i>:A B:YSOurce  <b>BARgraph:</b> OFF FUNC1 FUNC2 FILEA FILEB  <b>FFT:</b> OFF FFTL1 FFTL2 FFTP1 FFTP2 FILEA FILEB FFTP21 (for FFT-Phase Ch2 – Ch1)  <b>MONitor:</b> OFF LEV1 LEV2 PHAS1 PHAS2 FILEA FILEB  <b>SWEep:</b> OFF FUNC1 FUNC2 FREQ1 FREQ2 PHASe GROUpdelay LMRM1 LMRM2 LMDC1 LMDC2 LMPK1 LMPK2 INPP1 INPP2 FILEA FILEB  <b>WAVeform:</b> OFF LEV1 LEV2 FILEA

<p>FILEB</p> <p><b>PESQ: (new)</b>  OFF  PEMO  DELaY  FILEA  FILEB</p>
<p>DISPlay:Subsys&lt;i&gt;:A B:YSource:FILE 'filename'</p>
<p>DISPlay:Subsys&lt;i&gt;:DLISt:FILTer  ALL  LIMUpper  LIMLower  LIMBoth  HARMonics  PEAKs</p> <p>Subsys =  SWEep  BARgraph  FFT  WAVEform</p>
<p>DISPlay:Subsys&lt;i&gt;:OCURsor:MODE  VA  VB  VAB  HA  HB</p>
<p>DISPlay:Subsys&lt;i&gt;:OCURsor:POSMode  PIXel  POINT  PEAK  HARMonic</p>
<p>DISPlay:Subsys&lt;i&gt;:OCURsor:SETTo:MAX  ONCE alias EXEC  DISPlay:Subsys&lt;i&gt;:XCURsor:SETTo:MAX  ONCE alias EXEC</p> <p>ONCE or EXEC are not necessary</p> <p>No Query</p>
<p>DISPlay:Subsys&lt;i&gt;:OCURsor:SETTo:MIN  ONCE alias EXEC  DISPlay:Subsys&lt;i&gt;:XCURsor:SETTo:MIN  ONCE alias EXEC</p> <p>ONCE or EXEC are not necessary</p> <p>No Query</p>
<p>DISPlay:Subsys&lt;i&gt;:OCURsor:SETTo:MRKA  ONCE alias EXEC  DISPlay:Subsys&lt;i&gt;:XCURsor:SETTo:MRKA</p>

<p>ONCE alias EXEC</p> <p>ONCE or EXEC are not necessary</p> <p>No Query</p>
<p>DISPlay:Subsys&lt;i&gt;:OCURsor:SETTo:MRKB</p> <p>ONCE alias EXEC</p> <p>DISPlay:Subsys&lt;i&gt;:XCURsor:SETTo:MRKB</p> <p>ONCE alias EXEC</p> <p>ONCE or EXEC are not necessary</p> <p>No Query</p>
<p>DISPlay:Subsys&lt;i&gt;:OCURsor:SETTo:XPOS &lt;nu&gt;</p>
<p>DISPlay:Subsys&lt;i&gt;:OCURsor:SETTo:YPOS &lt;nu&gt;</p> <p>Horizontal cursor only</p>
<p>DISPlay:Subsys&lt;i&gt;:OCURsor:STATe</p> <p>OFF</p> <p>ACTive</p> <p>INACTive</p>
<p>DISPlay:Subsys&lt;i&gt;:SCANoffset &lt;n&gt;</p> <p>&lt;i&gt; = 1, 2</p> <p>&lt;n&gt; = 2   MAX, 1   MIN, 0</p> <p>Query and command logging show the numerical value 2 for MAX and 1 for MIN</p>
<p>DISPlay:Subsys&lt;i&gt;:TRACk:LIMit</p> <p>ON</p> <p>OFF</p>
<p>DISPlay:Subsys&lt;i&gt;:TRACk:REFerence</p> <p>ON</p> <p>OFF</p>
<p>DISPlay:Subsys&lt;i&gt;:TRACk:SCALing</p> <p>ON</p> <p>OFF</p>
<p>DISPlay:Subsys&lt;i&gt;:X:AXIS</p> <p>TIME</p> <p>VOLTage</p> <p>FREQuency</p> <p>PHASe</p> <p>VDIGital</p> <p>JPKamplitude</p>
<p>DISPlay:Subsys&lt;i&gt;:X:LEFT &lt;nu&gt;</p>
<p>DISPlay:Subsys&lt;i&gt;:X:REFerence:VALue &lt;nu&gt;</p>



DISPlay:Subsys<i><i>:X:RIGHt <nu>
DISPlay:Subsys<i><i>:X:SCALing AUTo alias AUTO MANual
DISPlay:Subsys<i><i>:X:SOURce SWEep HOLD MANual LRMS LDC LPEak FREQuency
DISPlay:Subsys<i><i>:X:SPACing <nu>
DISPlay:Subsys<i><i>:X:UNIT HZ DHZ :
DISPlay:Subsys<i><i>:X:UNIT:AUTo alias AUTO ON OFF
DISPlay:Subsys<i><i>:X:UNIT:USER 'string'
DISPlay:Subsys<i><i>:XCURsor:MODE VA VB VAB HA HB
DISPlay:Subsys<i><i>:XCURsor:POSMode PIXel POINT PEAK HARMonic
DISPlay:Subsys<i><i>:XCURsor:SETTo:XPOS <nu>
DISPlay:Subsys<i><i>:XCURsor:SETTO:YPOS <nu>  Horizontal cursor only
DISPlay:Subsys<i><i>:XCURsor:STATe OFF ACTive INACTive
for Multisinus: SOURce:FUNCTion:MODE

<p>EQUalvoltage DEFinedvoltage</p> <p>for DFD: SOURce:FUNcTion:MODE IEC268 IEC118</p> <p>for Modulation: SOURce:FUNcTion:MODE AM FM</p>
<p>FORMat[:DATA] REAL AScii</p>
<p>HCOPy:[IMMediate]</p> <p><a href="#">No Query</a></p>
<p>HCOPy:DESTination PRINter alias PRPCx alias PRSPc FILE CLIPboard</p>
<p>HCOPy:FILE 'name'</p>
<p>HCOPy:FILE:MODE NEW OVERwrite INCRement</p>
<p>HCOPy:PRINter:ADDition OFF ON</p>
<p>HCOPy:PRINter:FOOTer 'text'</p>
<p>HCOPy:PRINter:HEADer 'text'</p>
<p>HCOPy:PRINter:ORlentation PORTRait LANDscape</p>
<p>HCOPy:SOURce WINDow GRAPhics</p>
<p>INITiate:CONTInuous ON OFF WAIT</p>
<p>INITiate:CONTInuous:TIMEout &lt;nu&gt;</p>

<nu> 0 to 1000s 0s is the same as INIT:CONT ON
INITiate:FORCe START STOP SINGle CONTInuous  No Query
INITiate[:IMMediate]  No Query
INPut:BANDwidth:MODE B22 B40 B80 B250
INPut:CHANnel alias SElect CH1 CH2 CH1And2 CH1Is2 CH2Is1 BOTH
INPut:COUPling AC DC
INPut:FILTer OFF UFIL1 ... UFIL9 AWE CARM CCIU CCIR CCIT CMES DCN DEMP17 DEMP5015 DEMP50 DEMP75 IECT JITT URUM WRUM PEMP17 PEMP5015 PEMP50 PEMP75 HP22 HP400 LP22 LP30

<p>LP80  AES17  CWE (new)</p>
<p>INPut:FORMat  S12S  USERdefined</p>
<p>INPut:FSLoPe  LFTFalling  LFTRising</p>
<p>INPut:INPut  INTern  DSUB</p>
<p>INPut:SAMPlE:FREQuency &lt;nu&gt;</p>
<p>INPut:SAMPlE:FREQuency:MODE  Parameter for Analyzer-Instrument Digital Audio:  F32  F44  F48  F88  F96  F176  F192  VALue  AUTO   AUTOo  CHStatus</p> <p>INPut:SAMPlE:FREQuency:MODE  Parameter for Analyzer-Instrument I2S Bord:  F08  F11  F16  F22  F32  F44  F48  F88  F96  F176  F192  F384  VALue  AUTO   AUTOo</p>
<p>INPut:WLENgth (new)  Alias  INPut:WORDlength  Alias  INPut:WRDLength  W16  W24  W32</p>
<p>INPut:WOffset &lt;n&gt; (new)  Alias  INPut:WRDOffset &lt;n&gt;</p>

<p>INPut[1]:COMMon alias LOW  FLOat  GROund</p>
<p>INPut[1]:IMPedance  R300  R600  R200K</p>
<p>INPut[1]:TYPE  Parameter for Analyzer-Instrument Analog  BALanced  GEN1  GEN2</p> <p>Parameter for Analyzer-Instrument Digital Audio  AESebu  SPDif  OPTical  INTern</p>
<p>INPut2:COMMon alias LOW  FLOat  GROund</p>
<p>INPut2:IMPedance  R300  R600  R200K</p>
<p>INPut2:TYPE  BALanced  GEN1  GEN2</p>
<p>INSTRument[1]:SElect] ANLG     alias A25  DIG       alias D48  I2SBoard alias I2S  IMPairment</p> <p>alias</p> <p>INSTRument[1]:NSElect 1   2   3   4   5  1 =       ANLG  2 or 3 =   DIG  4 =       I2SBoard  5 =       IMPairment</p>
<p>INSTRument2[:SElect] ANLG     alias A22  DIG       alias D48  I2SBoard alias I2S  alias</p> <p>INSTRument2:NSElect 1   2   3   4  1 =       Analog  2 or 3 =   Dig Audio</p>

4 =	I2S Board
MMEMory:LOAD:ARBitrary 'filename'	
MMEMory:LOAD:DWELI 'filename'	
MMEMory:LOAD:FREQuency 'file'	
MMEMory:LOAD:FREQuency: SLCFrequency 'filename'	
MMEMory:LOAD:IEQualize 'filename'	
MMEMory:LOAD:INTerval 'filename'	
MMEMory:LOAD:OEQualize 'filename'	
MMEMory:LOAD:ONTime 'filename'	
MMEMory:LOAD:PHASe 'filename'	
MMEMory:LOAD:STATe "filename"	
MMEMory:LOAD:VOLTage 'filename'	
MMEMory:STORE:STATe "filename"	
MMEMory: <i>Subsys</i> < <i>i</i> >:EQUalization:MODify ON OFF	
MMEMory: <i>Subsys</i> < <i>i</i> >:EQUalization:NORMfrequency <nu>	
MMEMory: <i>Subsys</i> < <i>i</i> >:LIMit:OFFSet OFF ON	
MMEMory: <i>Subsys</i> < <i>i</i> >:LIMit:OFFSet:VALue <nu>	
MMEMory: <i>Subsys</i> < <i>i</i> >:STAS TRCList EQUList SWPList LLISt DSElect	
MMEMory: <i>Subsys</i> < <i>i</i> >:STORE "Mysweep.trc"	
MMEMory: <i>Subsys</i> < <i>i</i> >:TRACe A B	

<p>OUTPut (new) ON OFF</p>
<p>OUTPut:AUDiobits &lt;n&gt;</p>
<p>OUTPut:BANDwidth:MODE B22 B40 B80 AUTo alias AUTO</p>
<p>OUTput:CHANnel alias OUTput:SElect OFF CH1 CH2 CH2Is1</p>
<p>OUTPut:DiGital:AUXiliary:OUTput alias OUTPut:DiGital:AUXiliary:FEED alias OUTPut:DiGital:REFeRence:OUTput alias OUTPut:DiGital:REFeRence:FEED AOUTput AINPut AINReclock RGENerator AUXin</p>
<p>OUTPut:DiGital:CSIMulator OFF SIMLong</p>
<p>OUTPut:DiGital:INTClockfreq &lt;nu&gt;</p>
<p>OUTPut:DiGital:SYNC:OUTPut alias OUTPut:DiGital:SYNC:FEED ADOutput ADINput AXINput GSYPll JRFPII AXOutput SYINput INTClock</p>
<p>OUTPut:DiGital:SYNC:TYPE WCLock BCLock</p>
<p>OUTPut:DiGital:UNBalanced:OUTPut alias OUTPut:DiGital:UNBalanced:FEED AOUTput AINPut</p>

<p>OUTPut:FORMat  SI2S  USERdefined</p>
<p>OUTPut:FSHape  SQUpuls  BITPulse</p>
<p>OUTPut:IMPedance  R10  R200  R600</p>
<p>OUTPut:LOW  FLOat  GROund</p>
<p>OUTPut:MCLKratio  M96  M128  M192  M256  M384  M512</p>
<p>OUTPut:POLarity  Parameter depend on the setting of OUTP:FPU</p> <p>Parameter for the setting OUTP:FPU SQU:  OUTPut:POLarity  LFTLow  LFTHigh</p> <p>Parameter for the setting OUTP:FPU BITP:  OUTPut:POLarity  NEGative  POSitive</p>
<p>OUTPut:SAMPlE:FREQuency &lt;nu&gt;</p>
<p>OUTPut:SAMPlE:MODE</p> <p>Parameter for Generator-Instrument Digital Audio:  F32  F44  F48  F88  F96  F176  F192  SYNChron  VALue</p> <p>Parameter for Generator-Instrument I2S Board:  F08  F11  F16  F22  F32</p>



<p>F44 F48 F88 F96 F176 F192 F384 VALue</p>
<p>OUTPut:SIGNal:BALanced:LEVel &lt;nu&gt;</p>
<p>OUTPut:SIGNal:LEVel &lt;nu&gt;</p>
<p>OUTPut:TYPE BALanced UNBalanced CTEST</p>
<p>OUTPut:WLENgth (new) Alias OUTPut:WORDlength Alias <del>OUTPut:WRDLength</del> W16 W24 W32</p>
<p>OUTPut:WOffset &lt;n&gt; (new) Alias OUTPut:WRDOffset &lt;n&gt;</p> <p>If (OUTPut:WRDLength == 16) &lt;n&gt; = -16 ... 15 If (OUTPut:WRDLength == 24) &lt;n&gt; = -24 ... 23 If (OUTPut:WRDLength == 32) &lt;n&gt; = -32 ... 31</p>
<p>Query only SENSe[1]:FUNction:RECOrd:FLENgth?</p>
<p>Query only SENSe[1]:FUNction:FFT:MTIME?</p>
<p>Query only SENSe[1]:FUNction:FFT: RESolution?</p>
<p>Query only SENSe[1]:FUNction:FFT:STOP?</p>
<p>Query only SENSe[1]:FUNction:FFT:START?</p>
<p>Query only SENSe8:PROTOcol:CH&lt;x&gt;:BYTE&lt;y&gt;?</p>

<p>&lt;x&gt; and &lt;y&gt; are suffixes          &lt;x&gt; = Channel 1 or 2          &lt;y&gt; = Byte 0 ... 4          Return value = 0 ... 255</p>
<p>Query only          DISPlay:Subsys&lt;i&gt;:OCURsor:Y?</p>
<p>Query only          DISPlay:Subsys&lt;i&gt;:XCURsor:Y?</p>
<p>Query only!          SENSE[1]:UFILter&lt;i&gt;:STOPb:LOWer?          &lt;i&gt; = 1 ... 9</p>
<p>Query only!          SENSE[1]:UFILter&lt;i&gt;:STOPb:UPPer?          &lt;i&gt; = 1 ... 9</p>
<p>Query only!          SENSE[1]:UFILter&lt;i&gt;:STOPb?          &lt;i&gt; = 1 ... 9</p>
<p>Query only:</p> <p>TRACe:Subsys&lt;i&gt;:LOAD:AX?          TRACe:Subsys&lt;i&gt;:LOAD:AY?          TRACe:Subsys&lt;i&gt;:LOAD:BX?          TRACe:Subsys&lt;i&gt;:LOAD:BY?</p>
<p>Query only:</p> <p>TRACe:Subsys&lt;i&gt;:LOAD:COUNT:AX?          TRACe:Subsys&lt;i&gt;:LOAD:COUNT:AY?          TRACe:Subsys&lt;i&gt;:LOAD:COUNT:BX?          TRACe:Subsys&lt;i&gt;:LOAD:COUNT:BY?</p>
<p>Query only:</p> <p>TRACe:Subsys&lt;i&gt;:LDList:AX?          TRACe:Subsys&lt;i&gt;:LDList:AY?          TRACe:Subsys&lt;i&gt;:LDList:BX?          TRACe:Subsys&lt;i&gt;:LDList:BY?</p>
<p>Query only:</p> <p>TRACe:Subsys&lt;i&gt;:LDList:COUNT:AX?          TRACe:Subsys&lt;i&gt;:LDList:COUNT:AY?          TRACe:Subsys&lt;i&gt;:LDList:COUNT:BX?          TRACe:Subsys&lt;i&gt;:LDList:COUNT:BY?</p>
<p>SENSe:BANDwidth &lt;nu&gt;</p>
<p>SENSe:FREQuency:SQRSin          DIMA</p>

DIMB
SENSe:UFILter<i>:ORDER N4 N8 <i> = 1 ... 9
SENSe[1]:BANDwidth:MODE PPCT1 PPCT3 POCT12 PTOC PFAS PFIX SPCT1 SPCT3 SOCT12 STOC SFAS SFIX
SENSe[1]:CHANnel:DELay <nu>
SENSe[1]:DATA1?
SENSe[1]:DATA2?
SENSe[1]:DIGital:JITTer alias SYNC:REFerence INTClock alias GCLock REFPII alias PLLVari
SENSe[1]:DMODE alias FEED ADATa JPHase CINPut  alias  SENSe[1]:DIGital:MMODE alias FEED ADATa JPHase CINPut
SENSe[1]:FILTer<i> OFF UFIL1 UFIL2 UFIL3 UFIL4 UFIL5 UFIL6 UFIL7 UFIL8 UFIL9 AWE CARM CCIU CCIR

CCIT  
CMES  
DEMP17  
DEMP5015  
DEMP50  
DEMP75  
DCN  
IECT  
JITT  
URUM  
WRUM  
PEMP17  
PEMP5015  
PEMP50  
PEMP75  
HP22  
HP400  
LP22  
LP30  
LP80  
AES17  
CWE (new)

<i> = 1, 2 or 3

SENSe[1]:FREQuency <nu>

SENSe[1]:FREQuency:FACTor <nu>

SENSe[1]:FREQuency:LIMit:LOWer <nu>

SENSe[1]:FREQuency:LIMit:UPPer <nu>

SENSe[1]:FREQuency:SElect

CW | FIXed  
MULTisine  
GENTrack  
CH1F  
CH2F  
AUToboth alias AUTOboth

SENSe[1]:FUNctIon

OFF  
RMS  
RMSSelect  
PEAK  
QPEak  
SN  
DC  
THD  
THDNsdr  
MDISt  
DFD  
DIM  
POLarity  
FFT  
RUBBuzz  
NOCTave  
RECOrd

PESQ (new)
<p>SENSe[1]:FUNcTion:APERture:MODE</p> <p>AFASt  AUTO  TRIGgered  GENTrack  VALue  FAST  SFAST  SLOW</p> <p>WIDE  MEDium  NARRow</p>
<p>SENSe[1]:FUNcTion:BARGraph</p> <p>ON  OFF</p>
<p>SENSe[1]:FUNcTion:DCSuppression</p> <p>ON  OFF</p>
<p>SENSe[1]:FUNcTion:DISToRTion&lt;i&gt;</p> <p>ON  OFF</p> <p>&lt;i&gt; = 2 ... 9 describes harmonics</p>
<p>SENSe[1]:FUNcTion:DMODE</p> <p>FAST  PRECision</p>
<p>SENSe[1]:FUNcTion:FFT:AVERAge &lt;n&gt;</p> <p>&lt;n&gt; = 2...256</p>
<p>SENSe[1]:FUNcTion:FFT:AVERAge:MODE</p> <p>OFF  NORMal  EXPonential</p>
<p>SENSe[1]:FUNcTion:FFT:CENTer &lt;nu&gt;</p>
<p>SENSe[1]:FUNcTion:FFT:CMPFactor &lt;n&gt; (new)</p> <p>&lt;n&gt; = 1,2,4,8,16,32,64,128,256, 512, 1024  1 turns off undersampling.  2,4,8,16,32,64,128,256, 512, 1024 turn on undersampling.</p> <p>Query:  If undersampling is turned off, query returns 1</p>
<p>SENSe[1]:FUNcTion:FFT:Size S512</p> <p>S1K  S2K</p>

S4K S8K S16K S32K S64K S128K S256K
SENSe[1]:FUNcTion:FFT:STATe ON OFF
SENSe[1]:FUNcTion:FFT:WINDow RECTangular HANNing BLACkman_harris RIF1 RIF2 RIF3 HAMMing FLATtop
<del>SENSe[1]:FUNcTion:FFT:ZOOM &lt;n&gt;</del> <del>&lt;n&gt; = 1...128</del>  SENSe[1]:FUNcTion:FFT:USAMple ON OFF (new)
SENSe[1]:FUNcTion:MMODE  <b>Peak</b> PPEak NPEak PTOPeak PABSolut  <b>SN</b> RMS QPEak PPEak NPEak PTOPeak PABSolut  <b>THD</b> SElectdi LSElectdi DALL LDALI DODD LDODd DEVen LDEVen  <b>THD+N</b> THDN LTHDn SNDRatio NOISe LNOise  <b>DFD</b> D2_268 alias D2

D3_268 alias D3 D2_118 D3_118  <b>NOCTave</b> OCT1 OCT3 OCT6 OCT12 OCT24  <b>PESQ</b> DUT OFFLine
SENSe[1]:FUNcTion:PESQ:ACcording (new) PP862 PSILence PSPeach MP8621 MP8622
SENSe[1]:FUNcTion:PESQ:AVGDelay? (new)  Query Only
SENSe[1]:FUNcTion:PESQ:DEGLLevel? (new)  Query Only
SENSe[1]:FUNcTion:PESQ:REFLevel? (new)  Query Only
SENSe[1]:FUNcTion:REcOrd:FILE alias FILE 'filename'
SENSe[1]:FUNcTion:REcOrd:LENGth <nu>  <nu> in s
SENSe[1]:FUNcTion:REcOrd:TRIGger:LEVel <nu>
SENSe[1]:FUNcTion:REcOrd:TRIGger:PRE <nu>  <nu> in s
SENSe[1]:FUNcTion:REcOrd:TRIGger:SLOPe RISing FALLing
SENSe[1]:FUNcTion:REcOrd:TRIGger:SOURce CH1 CH2 MANual GENBurst (new)

<p>SENSe[1]:NOTCh  DB0  DB12  DB30  OFF</p>
<p>SENSe[1]:NOTCh:FREQUency &lt;nu&gt;</p>
<p>SENSe[1]:NOTCh:FREQUency:MODE  VALue  GENTrack</p>
<p>SENSe[1]:POWer:REFerence:[MODE:]RESistance &lt;nu&gt;</p>
<p>SENSe[1]:REFerence:MODE[1]  CH1Store  CH2Store  CH1Meas  CH2Meas  STORe  GENTrack  VALue</p> <p>CH1Store, CH2Store and STORe are actions, afterwards the internal state is VALue, so the query answer is VALue.</p>
<p>SENSe[1]:REFerence:MODE2  CH1Store  CH2Store  CH1Meas  CH2Meas  STORe  GENTrack  VALue</p> <p>CH1Store, CH2Store and STORe are actions, afterwards the internal state is VALue, so the query answer is VALue.</p>
<p>SENSe[1]:REFerence[1] &lt;nu&gt;</p>
<p>SENSe[1]:REFerence2 &lt;nu&gt;</p>
<p>SENSe[1]:SWEep:CONTRol  OFF  ASWeep  ALISt  MSWeep  MLISt</p>
<p>SENSe[1]:SWEep:POINts &lt;n&gt;</p>
<p>SENSe[1]:SWEep:SPACing  LINSteps  LOGSteps  LINPoints  LOGPoints</p>
<p>SENSe[1]:SWEep:STARt &lt;nu&gt; (new)  Alias</p>



SENSe[1]:FREQuency:StARt <nu>
SENSe[1]:SWEep:StEP <nu>
SENSe[1]:SWEep:StOP <nu> (new) Alias SENSe[1]:FREQuency:StOP <nu>
SENSe[1]:THDN:REJection NARRow WIDE
SENSe[1]:UFILter<i> HPASs LPASs BPASs BStOp BStOp NOTCh TOCTave OCTave FILE  <i> = 1 ... 9
SENSe[1]:UFILter<i>:ATTenuation <nu> <i> = 1 ... 9
SENSe[1]:UFILter<i>:CENTer <nu> <i> = 1 ... 9
SENSe[1]:UFILter<i>:DELay <nu> <i> = 1 ... 9
SENSe[1]:UFILter<i>:FNAMe 'filename' <i> = 1 ... 9
SENSe[1]:UFILter<i>:PASSb <nu> <i> = 1 ... 9
SENSe[1]:UFILter<i>:PASSb:LOWer <nu> <i> = 1 ... 9
SENSe[1]:UFILter<i>:PASSb:UPPer <nu> <i> = 1 ... 9
SENSe[1]:UFILter<i>:WIDTh <nu> <i> = 1 ... 9
SENSe[1]:UNAuto[1] ON OFF
SENSe[1]:UNAuto2 ON OFF

SENSe[1]:UNIT[1] V DBV :
SENSe[1]:UNIT2 V DBV :
SENSe[1]:USERunit[1] 'Unitstring'
SENSe[1]:USERunit2 'Unitstring'
SENSe[1]:VOLTage:APERture <nu>
SENSe[1]:VOLTage:EQUalize ON OFF
SENSe[1]:VOLTage:FUNDamental <nu>
SENSe[1]:VOLTage:FUNDamental:MODE AUTO VALue GENTrack
SENSe[1]:VOLTage:INTVtime <nu>
SENSe[1]:VOLTage:INTVtime:MODE SFAST FAST SLOW FIXed VALue
SENSe[1]:VOLTage:RANGe[1]:MODE AUTO FIX LOWER
SENSe[1]:VOLTage:RANGe[1]:VALue <nu>  <nu> = 18mV   30mV   60mV   100mV   180mV   300mV   600mV   1000mV   1800mV   3V   6V   10V   18V   30V   60V   100V  Queryform: <a href="#">SENSe[1]:VOLTage:RANGe[1]:VALue?</a>  The query answer is the related range:  18mV: "<0.0 ... 0.01979V>" 30mV: "<0.0198 ... 0.03299V>" 60mV: "<0.033 ... 0.06599V>" 100mV: "<0.066 ... 0.10999V>" 180mV: "<0.11 ... 0.19799V>" 300mV: "<0.198 ... 0.32999V>" 600mV: "<0.33 ... 0.65999V>"

1000mV: "<0.66 ... 1.09999V>" 1800mV: "<1.1 ... 1.97999V>" 3V: "<1.98 ... 3.29999V>" 6V: "<3.3 ... 6.59999V>" 10V: "<6.6 ... 10.9999V>" 18V: "<11.0 ... 19.7999V>" 30V: "<19.8 ... 32.9999V>" 60V: "<33.0 ... 65.9999V>" 100V: "<66.0 ... 110.0 V>"
SENSe[1]:VOLTagE:RANGe2:MODE AUTO FIX LOWER
SENSe[1]:VOLTagE:RANGe2:VALue <nu>
SENSe2:DATA1?
SENSe2:DATA2?
SENSe2:FUNcTION OFF IPEAk alias IPEAK PHASetoref DIGinpampl
SENSe2:REFerence <nu>
SENSe2:REFerence:MODE CH1Store CH2Store STORe CH1Meas CH2Meas GENTrack DIGoutampl VALue  CH1Store, CH2Store and STORe are actions, afterwards the internal state is VALue, so the query answer is VALue.
SENSe2:UNAuto[1] ON OFF
SENSe2:UNAuto2 ON OFF
SENSe2:UNIT[1] BITS DBFS DBM DBR DBU DBUI DBV

DEGFRM DPCT DPCTV DPCTW DV DW FS LSBS NS PCTFRM PCTFS PCTPPR PCTUI PCTVVR PPMUI PPR UI UIR UIS V VVR W
SENSe2:UNIT2 V DBV DBR FS :
SENSe2:USERunit[1] 'Unitstring'
SENSe2:USERunit2 'Unitstring'
SENSe3:DATA1?
SENSe3:DATA2?
SENSe3:FREQuency:APERture:MODE FAST PRECIision
SENSe3:FREQuency:REFerence <nu>
SENSe3:FREQuency:REFerence:MODE CH1Store CH2Store CH1Meas CH2Meas STORe GENTrack VALue  CH1Store, CH2Store and STORe are actions, afterwards the internal state is VALue, so the query answer is VALue.
SENSe3:FREQuency:UNAAuto[1] ON

OFF
SENSe3:FREQuency:UNAuto2 ON OFF
SENSe3:FREQuency:UNIT[1] HZ DHZ DPCTHZ TERZ OCT DEC FFR
SENSe3:FREQuency:UNIT2 HZ DHZ DPCTHZ TERZ OCT DEC FFR
SENSe3:FREquency:USERunit[1] 'Unitstring'
SENSe3:FREquency:USERunit2 'Unitstring'
SENSe3:FUNcTion OFF FREQuency FQPHase FQGRoupdelay FQSamplefrequency SFRequency
SENSe3:GROupdelay:REFerence <nu> = 0 ... 10 s
SENSe3:PHASe:FORMat POSitive POSNegative NEGative RAD RADBipolar RADNegative INFinite
SENSe3:PHASe:REFerence <nu> -360° ... +360° -6.32832 ... +6.32832 RAD
SENSe3:PHASe:REFerence:MODE STORe VALue

<p>STORe is an action, the internal state is VALue, so the query answer is always VALue.</p>
<p>SENSe3:PHASe:UNAuto ON OFF</p>
<p>SENSe3:PHASe:UNIT DEG RAD DDEG DRAD S DS</p>
<p>SENSe3:PHASe:USERunit 'Unitstring'</p>
<p>SENSe4:DATA?</p>
<p>SENSe5:FUNcTion OFF ON</p>
<p>SENSe6:DATA1?</p>
<p>SENSe6:DATA2?</p>
<p>SENSe6:FUNcTion OFF LRMS DC PEAK</p>
<p>SENSe6:REFerence &lt;nu&gt;</p>
<p>SENSe6:REFerence:MODE CH1Store CH2Store STORe CH1Meas CH2Meas GENTrack VALue</p> <p>CH1Store, CH2Store and STORe are actions, afterwards the internal state is VALue, so the query answer is VALue.</p>
<p>SENSe6:UNAuto[1] ON OFF</p>
<p>SENSe6:UNAuto2 ON OFF</p>
<p>SENSe6:UNIT[1]</p>

SENSe6:UNIT2
SENSe6:USERunit[1] 'Unitstring'
SENSe6:USERunit2 'Unitstring'
<p>SENSe7:CMPFactor &lt;n&gt; (new)</p> <p>Alias</p> <p>SENSe7:COMPression &lt;n&gt;</p> <p>Alias</p> <p>SENSe7:WAVEform:COMPfact &lt;n&gt;</p> <p>Alias</p> <p>SENSe7:WAVEform:COMPression &lt;n&gt;</p>
<p>SENSe7:FUNCTion</p> <p>OFF</p> <p>ON</p>
<p>SENSe7:INTerpol</p> <p>N1</p> <p>N2</p> <p>N4</p> <p>N8</p> <p>N16</p> <p>N32</p>
<p>SENSe7:MMODE</p> <p>STANdard</p> <p>COMPressed</p> <p>USAMple</p>
<p>SENSe7:TRIGger:AUTO alias AUTO</p> <p>ON</p> <p>OFF</p>
SENSe7:TRIGger:LEVel <nu>
SENSe7:TRIGger:PRE <nu>
<p>SENSe7:TRIGger:SLOPe</p> <p>RISing</p> <p>FALLing</p>
<p>SENSe7:TRIGger:SOURce</p> <p>CH1</p> <p>CH2</p> <p>MANual</p> <p>GENBurst</p>
SENSe7:TRIGger:TRCLength <nu>
<p>SENSe8:FUNCTion</p> <p>OFF</p> <p>ON</p>

<p>SENSe8:PROTOcol:DISPlay ON OFF</p>
<p>SENSe8:PROTOcol:ERRor?</p> <p>Query only</p> <p>Answer: 0,"No error" or &lt;n&gt;,"PCM1,PCM2,PAR1,PAR2,..."</p> <p>&lt;n&gt; represents 10 Bits (d0 ... d9) &lt;n&gt; = 0 ... 1023</p> <p>d0: PCM1 d1: PCM2 d2: PAR1 d3: PAR2 d4: LOC1 d5: LOC2 d6: CRC1 d7: CRC2 d8: INV1 d9: INV2</p>
<p>SENSe8:PROTOcol:HIGHlight NOTHing FOUtput BETWeen FStart</p>
<p>SENSe8:PROTOcol:MODE AUTomatic   AUTOMatic CONSUMER PROFessional</p>
<p>SENSe8:PROTOcol:PERSistence SHORT LONG FORever</p>
<p>SENSe8:PROTOcol:VIEW BINText BINonly</p>
<p>SOURce:AM:MODE OFF SINusoid BURSt</p>
<p>SOURce:BANDwidth F30 F100</p>
<p>SOURce:DIGital:FRAMephase &lt;nu&gt;</p>



<p>SOURce:DiGital:PHASetorefvar  OFF  VALue</p>
<p>SOURce:DiGital:REFeRence  AZERo  AONE</p>
<p>SOURce:DiGital:SRcMode alias FEED  ADATa  JITTer  COMMon</p>
<p>SOURce:DiGital:SYnc:TO alias SOURce</p> <p>Parameter for Generator-Instrument Digital Audio:  INTClock alias GClock  AINPut  AUXinput alias RINPut  SINPut  SINVinput</p> <p>Parameter for Generator-Instrument I2S Board:  INTern  EXTMasterclock  EXTWordclock</p>
<p>SOURce:DiM  DIMa  DIMB  DIMS</p>
<p>SOURce:FiLTeR  OFF  UFIL1  UFIL2  UFIL3  UFIL4  UFIL5  UFIL6  UFIL7  UFIL8  UFIL9  AWE  CARM  CCIU  CCIR  CCIT  CMES  DCN  DEMP17  DEMP5015  DEMP50  DEMP75  IECT  JITT  URUM  WRUM  PEMP17  PEMP5015</p>

PEMP50 PEMP75 HP22 HP400 LP22 LP30 LP80 AES17 CWE (new)
SOURce:FREQuency:AM <nu>
SOURce:FREQuency:CH2Stereo <nu>
SOURce:FREQuency:DIFFerence <nu>
SOURce:FREQuency:MEAN <nu>
SOURce:FREQuency:REFerence <nu>
SOURce:FREQuency:SElect FQPH FQFQ
SOURce:FREQuency[1] [:CW FIXed] <nu>
SOURce:FREQuency<i>[:CW FIXed] <nu>  <i> = 3 ... 32
SOURce:FREQuency2[:CW FIXed] <nu>
SOURce:FUNCTion[:SHAPe] SINusoid STEReo MULTisine BURSt S2Pulse MDISt DFD DIM RANDom ARBitrary POLarity MODulation alias FM DC PLAY PLYAnlr alias O131
SOURce:IMPairment ON OFF
SOURce:INTerval <nu>

<p>SOURce:LOOP:CHANnel  OFF  CH1  CH2  STEReo  CROSSsed</p>
<p>SOURce:LOOP:GAIN &lt;nu&gt;  &lt;nu&gt; in MLT   DB</p>
<p>SOURce:LOWDistortion  ON  OFF</p>
<p>SOURce:MULTisine:COUNT &lt;n&gt;</p>
<p>SOURce:ONTime &lt;nu&gt;</p>
<p>SOURce:ONTime:DELay &lt;nu&gt;</p>
<p>SOURce:PHASe[&lt;i&gt;]  &lt;i&gt; = 1 ... 32  &lt;nu&gt; = 0 ... 360 °</p>
<p>SOURce:PLAY:CHANnel  MLEFt  MRIGHt  STEReo</p>
<p>SOURce:PLAY:MODE  TOCont  TOSingle  TICont  TISingle</p>
<p>SOURce:PLAY:SCALepktofs  ON  OFF</p>
<p>SOURce:PLAY:TIME &lt;nu&gt;</p>
<p>SOURce:PROTocol:AZERo  ONCE    Query answer is always OFF</p>
<p>SOURce:PROTocol:CH&lt;x&gt;:BYTE&lt;y&gt; &lt;n&gt;    &lt;x&gt; and &lt;y&gt; are suffixes  &lt;x&gt; = CHannel 1 or 2  &lt;y&gt; = Byte 0 ... 3  &lt;n&gt; = Value 0 ... 255</p>
<p>SOURce:PROTocol:CHANnels  CH2Is1</p>

SPLit
SOURce:PROTOcol:CRC ON OFF
SOURce:PROTOcol:MODE PROFessional CONSUMER
SOURce:PROTOcol:NUMerical:BYTe <n>  <n> = 0 ... 3
SOURce:PROTOcol:NUMerical:CH <n>  <n> = 1   2
SOURce:PROTOcol:NUMerical:VALue <n>  <n> = 0 ... 255
SOURce:PROTOcol:VALidity NONE CH1And2
SOURce:RANDom:DOMain FREQuency TIME
SOURce:RANDom:FREQuency:LOWer <nu>
SOURce:RANDom:FREQuency:UPPer <nu>
SOURce:RANDom:PDF GAUSSian TRIangle RECTangle
SOURce:RANDom:SHAPE WHITE PINK TOCTave ARBITrary
SOURce:RANDom:SPACing:FREQuency <nu>
SOURce:RANDom:SPACing:MODE ATRack USERdefined
SOURce:SINusoid:DITHer <nu>
SOURce:SINusoid:DITHer:STATE

ON OFF
SOURce:SWEEp:CONTRol OFF ASWEEP ALISt MSWEEP MLISt
SOURce:SWEEp:DWELI <nu> <nu> = 10 ms ... 1000 s
SOURce:SWEEp:FREQuency: SPACing LINSteps LOGSteps LINPoints LOGPoints
SOURce:SWEEp:FREQuency:POINts <n>
SOURce:SWEEp:FREQuency:STARt <nu>
SOURce:SWEEp:FREQuency:STEP <nu>
SOURce:SWEEp:FREQuency:STOP <nu>
SOURce:SWEEp:INTerval: SPACing LINSteps LOGSteps LINPoints LOGPoints
SOURce:SWEEp:INTerval:POINts <n>
SOURce:SWEEp:INTerval:STARt <nu>
SOURce:SWEEp:INTerval:STEP <nu>
SOURce:SWEEp:INTerval:STOP <nu>
SOURce:SWEEp:NEXTstep DWELI ASYNc LIST
SOURce:SWEEp:ONTime: SPACing LINSteps LOGSteps LINPoints LOGPoints
SOURce:SWEEp:ONTime:POINts <n>

SOURce:SWEEp:ONTime:START <nu>
SOURce:SWEEp:ONTime:STEP <nu>
SOURce:SWEEp:ONTime:STOP <nu>
SOURce:SWEEp:PHASe: SPACing LINSteps LOGSteps LINPoints LOGPoints
SOURce:SWEEp:PHASe:POINts <n>
SOURce:SWEEp:PHASe:STEP <nu>
SOURce:SWEEp:PHASe:STOP <nu>
SOURce:SWEEp:PHASe:STOP <nu>
SOURce:SWEEp:VOLTage: SPACing LINSteps LOGSteps LINPoints LOGPoints
SOURce:SWEEp:VOLTage:POINts <n>
SOURce:SWEEp:VOLTage:START <nu>
SOURce:SWEEp:VOLTage:STEP <nu>
SOURce:SWEEp:VOLTage:STOP <nu>
SOURce:SWEEp:XAXis FREQuency VOLTage ONTIme INTervall
SOURce:SWEEp:ZAXis OFF FREQuency VOLTage ONTIme INTervall
SOURce:VOLTage:AM <nu>  <nu> in PCT (%)
SOURce:VOLTage:CH2Stereo <nu>

SOURce:VOLTage:CREStfactor <nu>
SOURce:VOLTage:CREStfactor:MODE MINimized DPHase VALue
SOURce:VOLTage:EQUalize:STATe ON OFF
SOURce:VOLTage:LOWLevel <nu>
SOURce:VOLTage:MAXimum alias LIMit <nu>
SOURce:VOLTage:OFFSet <nu>
SOURce:VOLTage:OFFSet:STATe ON OFF
SOURce:VOLTage:RANGe AUTO FIX
SOURce:VOLTage:RATio <n>
SOURce:VOLTage:REFerence <nu>
SOURce:VOLTage:RMS <nu>
SOURce:VOLTage:SElect VLRT VLVL
SOURce:VOLTage:TOTal <nu>
SOURce:VOLTage:TOTal:GAIN <nu> <nu> in dB
SOURce:VOLTage[1] <nu>  Basic unit V or FS with Modulation %
SOURce:VOLTage<i> <nu>  <i> = 3 ... 32 Basic unit V or FS with Modulation %
SOURce:VOLTage2 <nu>  Basic unit V or FS

with Modulation %
STATUs:OPERation:EVENT? STATUs:OPERation:CONDition? STATUs:OPERation:ENABle <n> STATUs:OPERation:PTRansition <n> STATUs:OPERation:NTRansition <n>  STATUs:QUESTionable:EVENT? STATUs:QUESTionable:CONDition? STATUs:QUESTionable:ENABle <n> STATUs:QUESTionable:PTRansition <n> STATUs:QUESTionable:NTRansition <n>  STATUs:XQUESTionable:EVENT? STATUs:XQUESTionable:CONDition? STATUs:XQUESTionable:ENABle <n> STATUs:XQUESTionable:PTRansition <n> STATUs:XQUESTionable:NTRansition <n>  STATUs:QUEue:NEXT STATUs:PRESet
SWITcher:INPA <n> Alias: SWITcher:INPut[1] <n>
SWITcher:INPB <n> Alias: SWITcher:INPut2 <n>
SWITcher:OFFSet:BVSA <n> Alias: SWITcher:OFFSet:CH2V <n>
SWITcher:OFFSet:OVSI <n> Alias: SWITcher:OVI <n>
SWITcher:OUTA <n> Alias: SWITcher:OUTPut[1] <n>
SWITcher:OUTB <n> Alias: SWITcher:OUTPut2 <n>
SWITcher:STATe ON OFF
SWITcher:TRACKing OFF BVSA Alias CH2V OVSI Alias OVI ALL
SYSTEM:COMMunicate:GPIB:ADDRess <n>



<n> = 0 ... 31
SYSTem:DISPlay:EXPLanation<i>:HIDE <i> = 1...10
SYSTem:DISPlay:EXPLanation<i>:SHOW "x=0,y=10,w=200,h=100" <i> = 1...10
SYSTem:DISPlay:EXPLanation<i>:TEXT "<RTF-Text>" <i> = 1...10
SYSTem:DISPlay:SCPIUpdate alias SYSTem:DISPlay:SCPiupdate OFF ON
SYSTem:MEMory:DATA<i> <x>  <x> may be a set of ASCII data <n,n, ..... ,n,n> or a set of binary data #<LengthofLength><Length><Binary data as float>  <i> = 1 ... 16
SYSTem:MEMory:FREE STRing TRACe  No Query
SYSTem:MEMory:STRing<i> "String" <i> = 1 ... 1024 Stringlength max. 540 Byte
SYSTem:PROGramm:EXECute 'xxx.exe'
SYSTem:QLONG OFF ON
SYSTem:SHUtdown SYSTem:SHUtdown <nu>  Alias  SYSTem:SHTDown SYSTem:SHTDown <nu>  No Query
TRACe:Subsys<i>:STORe:AX <x>

TRACe:*Subsys*<*i*>:STORe:AY <*x*>  
TRACe:*Subsys*<*i*>:STORe:BX <*x*>  
TRACe:*Subsys*<*i*>:STORe:BY <*x*>

<*x*> may be a set of ASCII data <n,n, ..... ,n,n> or a set of binary data  
#<LengthofLength><Length><Binary data as float>

No Query.

Query replacement is the command TRACe:*Subsys*<*i*>:LOAD:AX|AY|BX|BY?