GPIB Command Syntax

for

E1962B cdma2000/IS-95/AMPS Mobile Test Application Revision B.11

E6702B cdma2000 Lab Application Revision B.04

E6702T Special Lab Application T.00

1000-1921

Print Date: July 2006

www.agilent.com/find/E1962B

www.agilent.com/find/E6702B

Agilent Technologies

NOTE: *This guide is applicable to the E6702T, however there are a few exceptions which can be found in the online user's guide available at* http://wireless.agilent.com/rfcomms/refdocs/cdma2k/default.php

Notice

Agilent Technologies, Inc.
Learning Products Department
24001 E. Mission
Liberty Lake, WA 99019-9599
U.S.A.

Contents

Contents

Contents

Contents

Contents

GPIB Syntax for E1962B and E6702B/T

Description

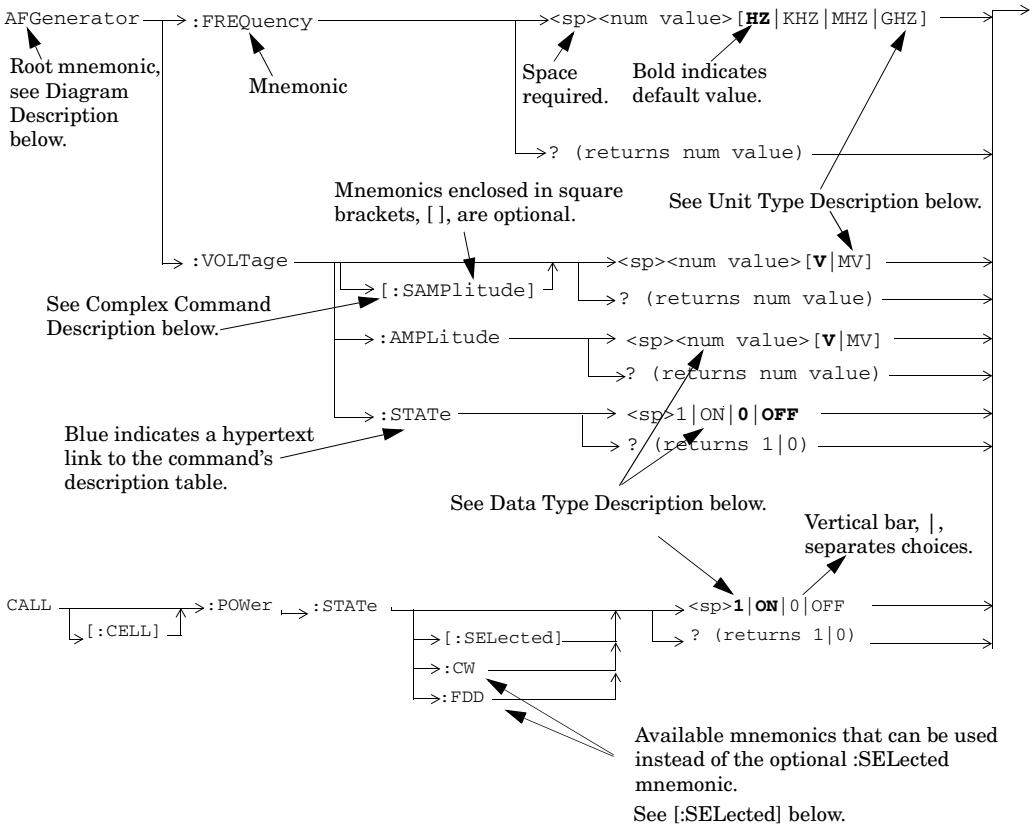


Diagram Description

Mnemonics are connected by lines. Each line can be followed in only one direction, as indicated by the arrow at the end of the line. Any combination of mnemonics that can be generated by starting at the root mnemonic and following the line in the direction of the arrow is syntactically correct.

The uppercase letters of a mnemonic represent the short form of the mnemonic, whereas the long form of a mnemonic is the short form followed by the lowercase letters. The test set accepts either the long form or the

short form of the mnemonic. The mnemonics that are inside square brackets are optional. That is, a command operates the same whether or not the mnemonic in square brackets is used in the command.

The drawings show the proper use of spaces. Where spaces are required they are indicated by <sp>, otherwise no spaces are allowed between mnemonics.

Complex Command Description

Complex commands are valuable because they set the state of the parameter and a value for that parameter. For example, the command in the above figure that contains the mnemonic [:SAMPlitude] is a complex command because sets the state to ON as well as the amplitude. You can use parameters such as amplitude, frequency, gain, number, time, and value as a complex command. Refer to the specific command for the parameter that applies.

Data Type Description

num value	Integer, float or scientific values.
	For example,
	`CALL:POWer -55.5`
	`CALL:POWer -5.55E+001`
	`CALL:CHANnel 525`

string	Characters. The string will often need to be enclosed in single or double quotes, depending upon your programming environment. For example, `CALL:UPLink:PRAChannel:ASUBchannels '111111111111'` The string returned by the test set is enclosed by double quotes.

choice1 | choice2 | choice3	Specific character choices.
	For example,
	`CALL:OPERating:MODE D2KTest`
	`SYSTem:COMMunicate:GPIB:DEBug ON`

Unit Type Description

Some commands have optional units of measurement. These are displayed in square brackets. If no units are specified in the command then the default unit in bold font is used. The test set accepts the specified unit either with or without a space inserted between the <num value> and the unit (for example, both `10S` and `10 S` are valid). The following table summarizes the units available.

Description	Optional Units	Example

Amplitude (linear)	**V** | MV	To set the spectrum monitor's timeout interval to 20 seconds, use any of the following formats:
		`SETup:SMONitor:TIMeout:TIME 20`
		`SETup:SMONitor:TIMeout:TIME 20S`
		`SETup:SMONitor:TIMeout:TIME 20 S`

Power (logarithmic)	**DBM** | DBW	
Level (relative)	**DB**	
Frequency	**HZ** | KHZ | MHZ | GHZ	
Time	**S** | MS | US | NS	
Percentage	**PCT**	

[:SELected] Mnemonic

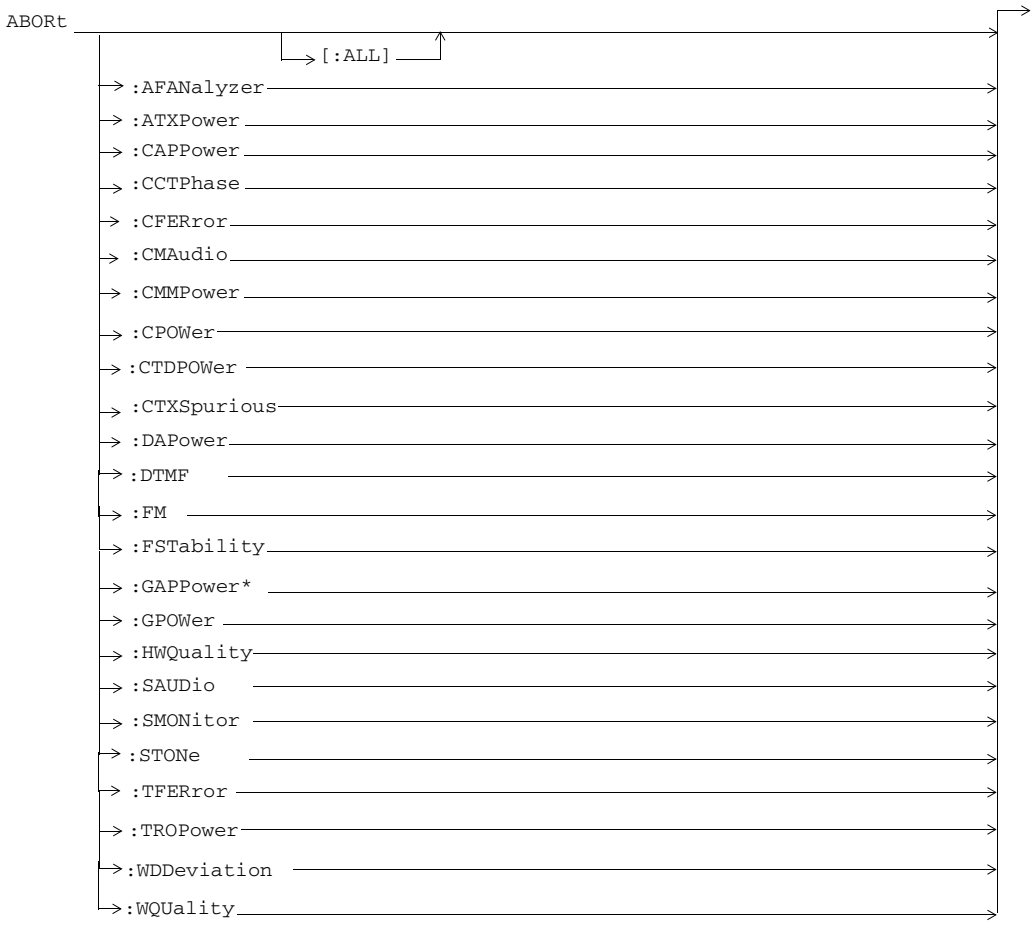
The [:SELected] Mnemonic is an optional mnemonic that implies a current selection on the test set. Often there are other mnemonics that can be used in place of the [:SELected] mnemonic to configure a setting that is not the currently selected configuration on the test set. The mnemonics that can replace the [:SELected] mnemonic are listed in parentheses separated by vertical bars (|) in the description table title. An example of a command that contains the [:SELected] mnemonic is shown in the following table.

CALL[:CELL]:POWer:AMPLitude[:SELected]

CALL[:CELL]:POWer:AMPLitude:(CW|FDD) ← Available mnemonics that can be use instead of the optional [:SELected] mnemonic.

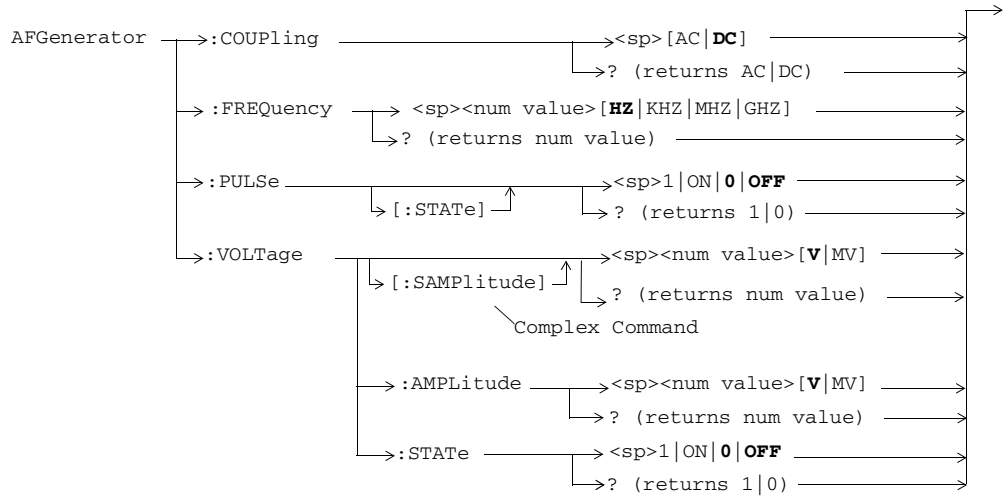
Function	Sets/queries the desired cell power level. (See "Cell Pow information about desired versus current power levels.) The optional [:SELected] keyword in this command spec queried applies to the current system type (see "CALL[:(settings for the CW operating mode are independent of operating modes.
Setting	Range: (This is the range of settings accepted, see "Cell I Ranges" for the actual hardware range of the source • FDD: -165 dBm/3.84MHz to +37 dBm/3.84MHz • CW: -177 dBm to +40 dBm

ABORt

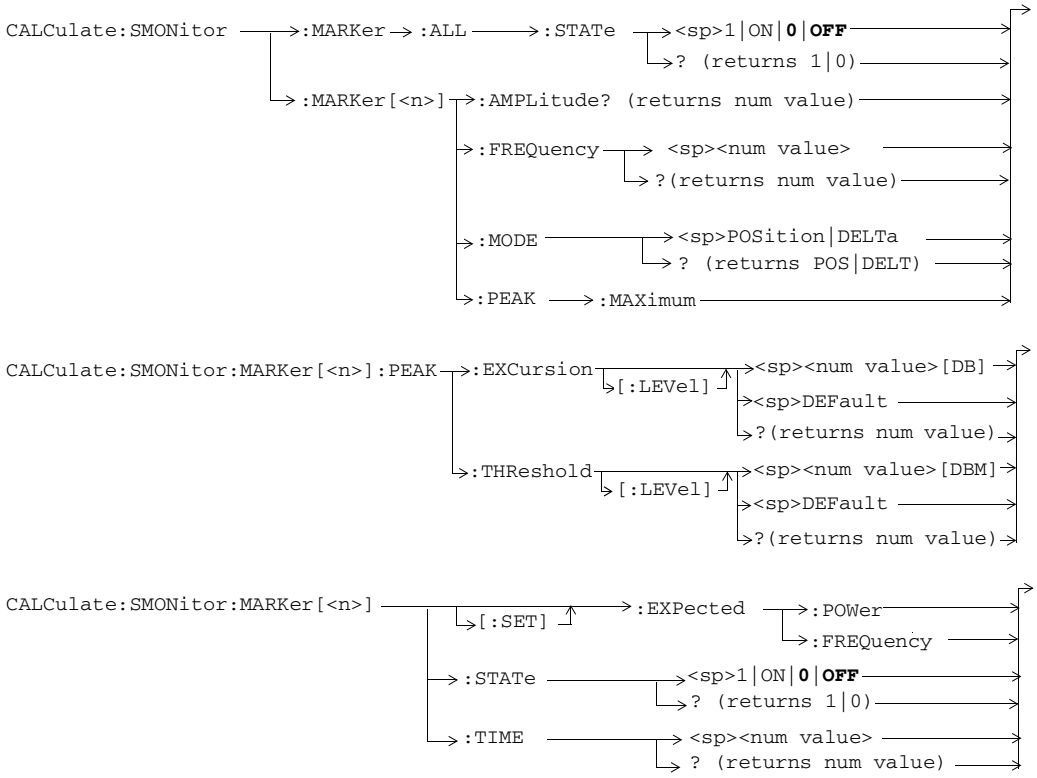


* This command is only applicable to the lab application.

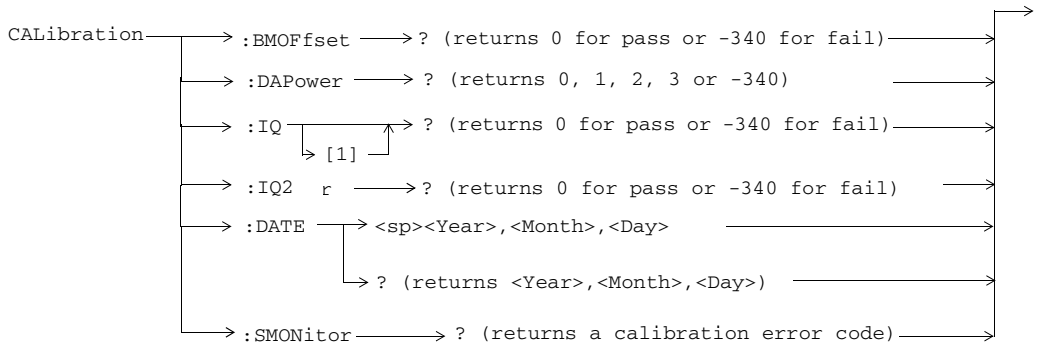
AFGenerator



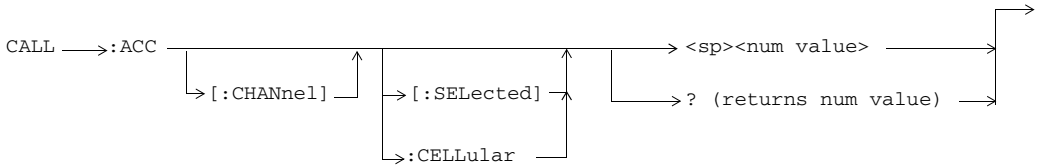
CALCulate:SMONitor



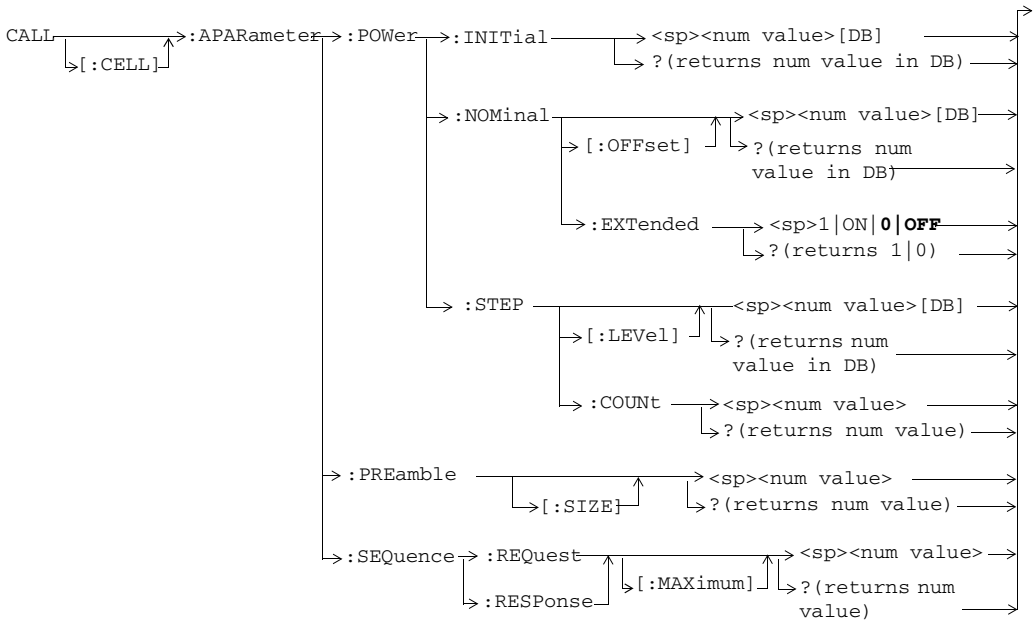
CALibration



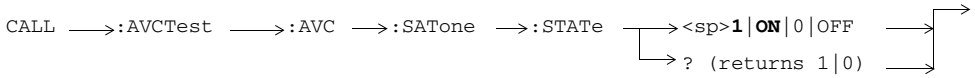
CALL:ACC



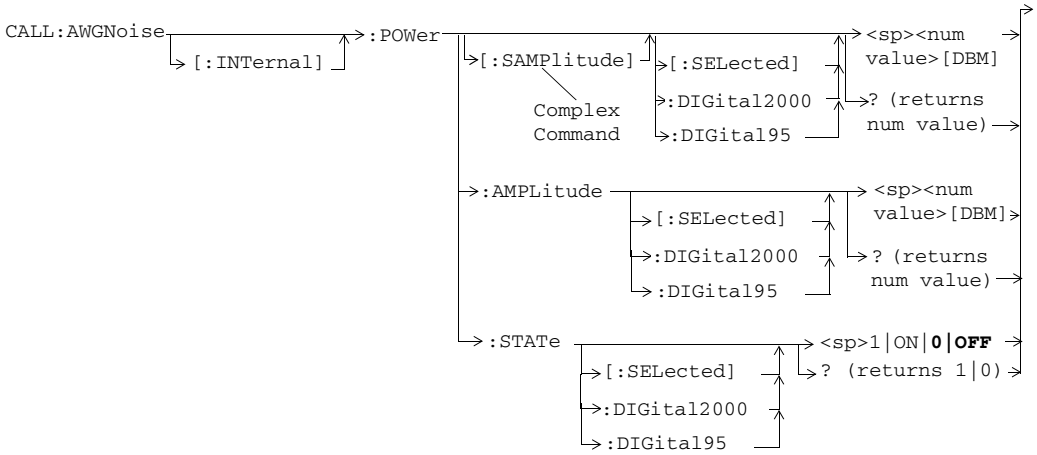
CALL:APARameter



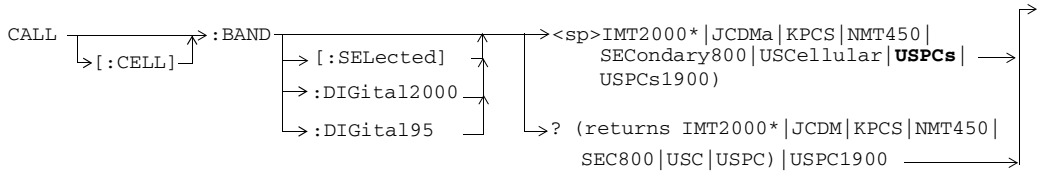
CALL:AVCTest



CALL:AWGNoise

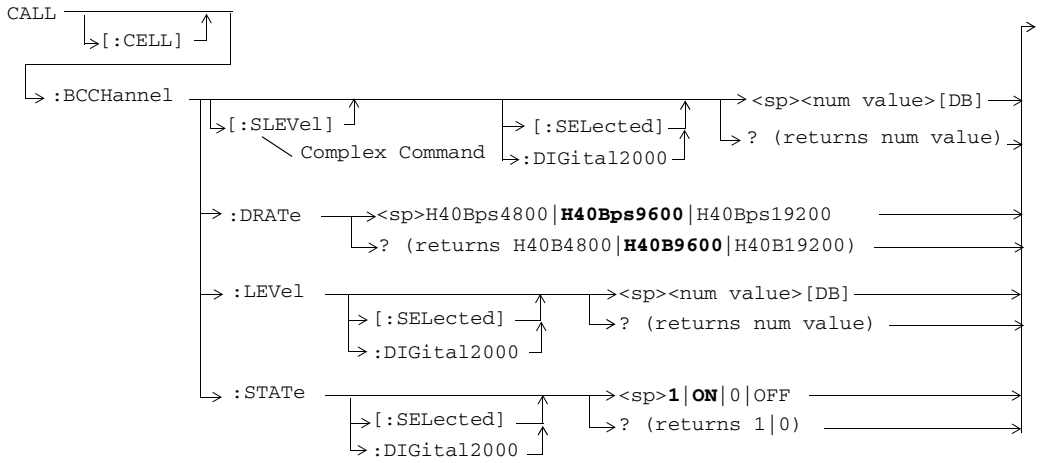


CALL:BAND



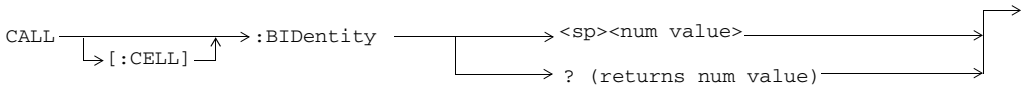
* This setting/query is not applicable to the DIGital95.

CALL:BCCHannel

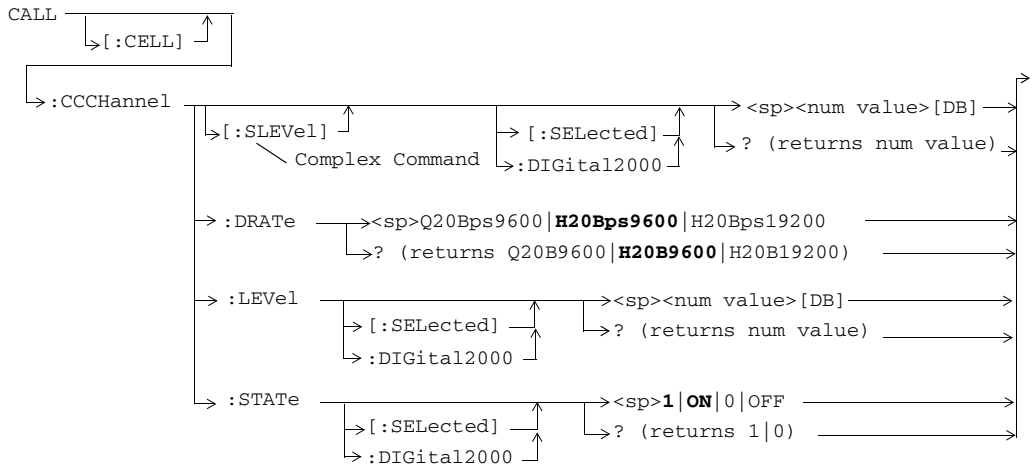


All commands shown in this diagram are only applicable to the lab application or feature-licensed test application.

CALL:BIDentity

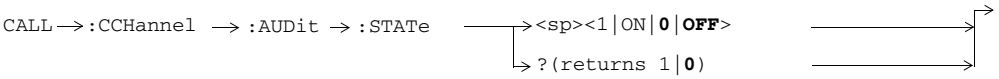


CALL:CCCHannel



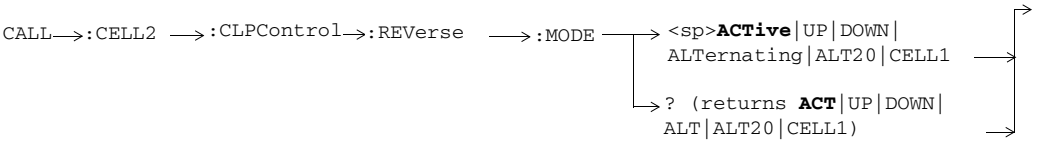
All commands shown in this diagram are only applicable to the lab application or feature-licensed test application.

CALL:CCHannel



All commands shown in this diagram are only applicable to the lab application.

CALL:CELL2:CLPControl

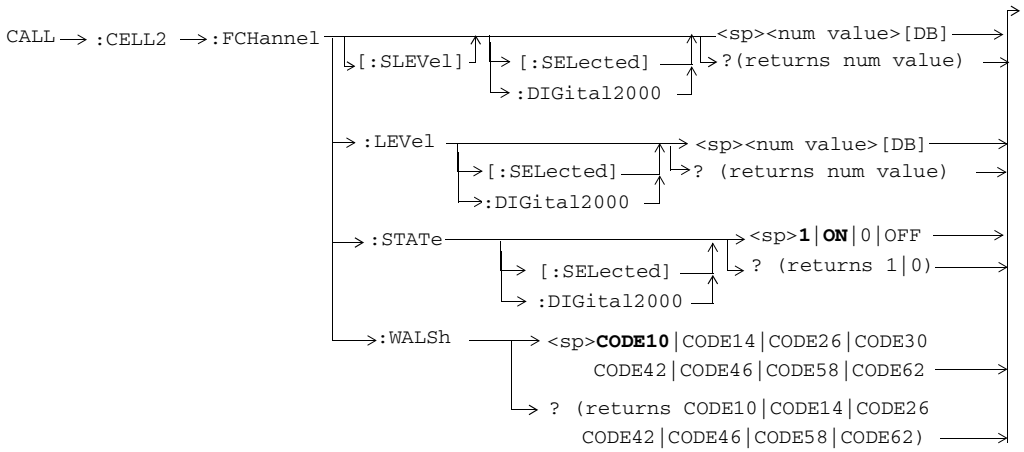


All commands shown in this diagram are only applicable to the lab application.

CALL:CELL2:DELay

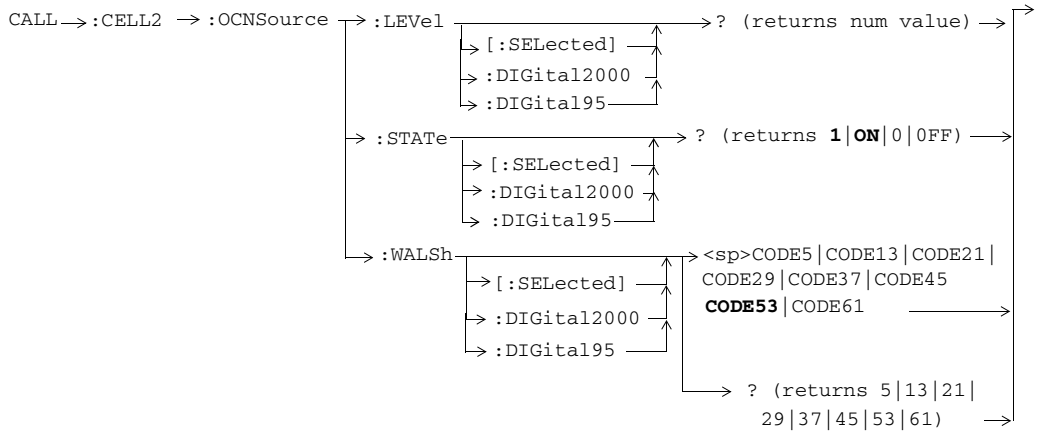
All commands shown in this diagram are only applicable to the lab application.

CALL:CELL2:FCHannel



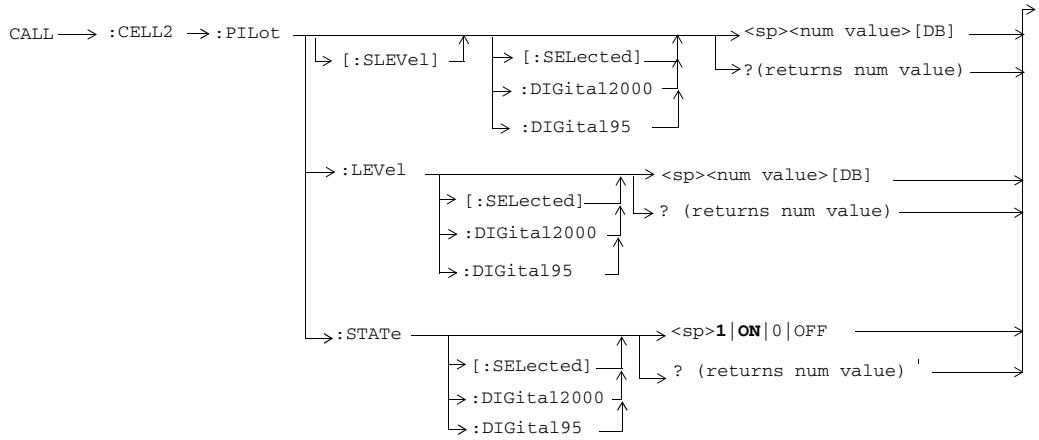
All commands shown in this diagram are only applicable to the lab application.

CALL:CELL2:OCNSource



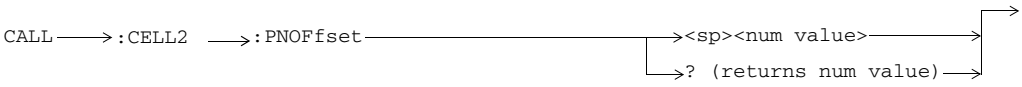
All commands shown in this diagram are only applicable to the lab application.

CALL:CELL2:PILot



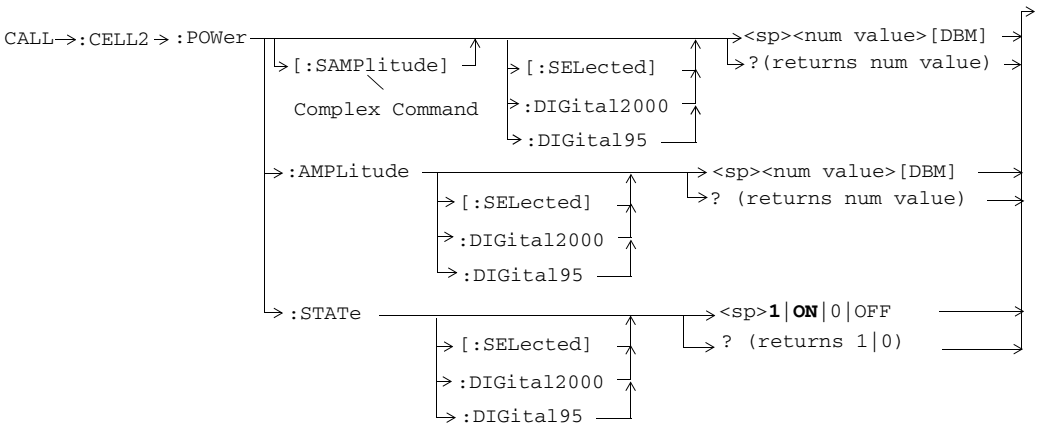
All commands shown in this diagram are only applicable to the lab application.

CALL:CELL2:PNOFfset



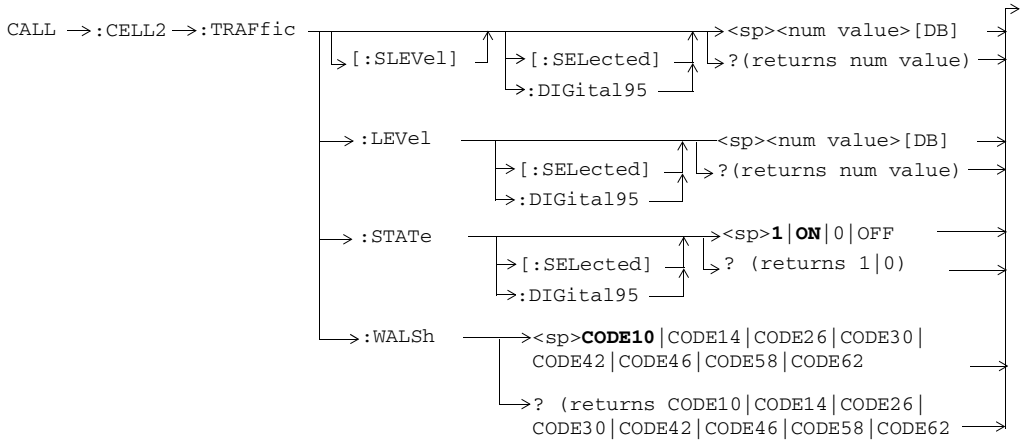
All commands shown in this diagram are only applicable to the lab application.

CALL:CELL2:POWer



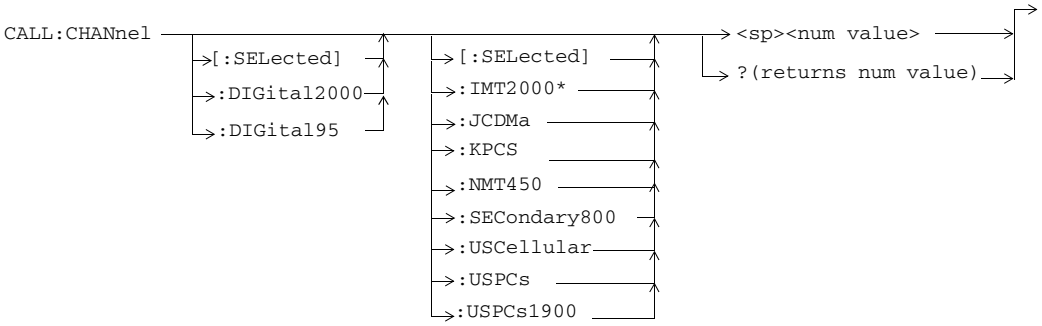
All commands shown in this diagram are only applicable to the lab application.

CALL:CELL2:TRAFfic



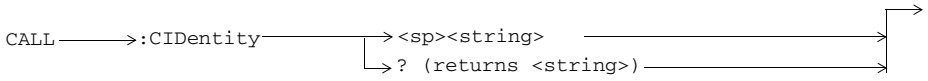
All commands shown in this diagram are only applicable to the lab application.

CALL:CHANnel

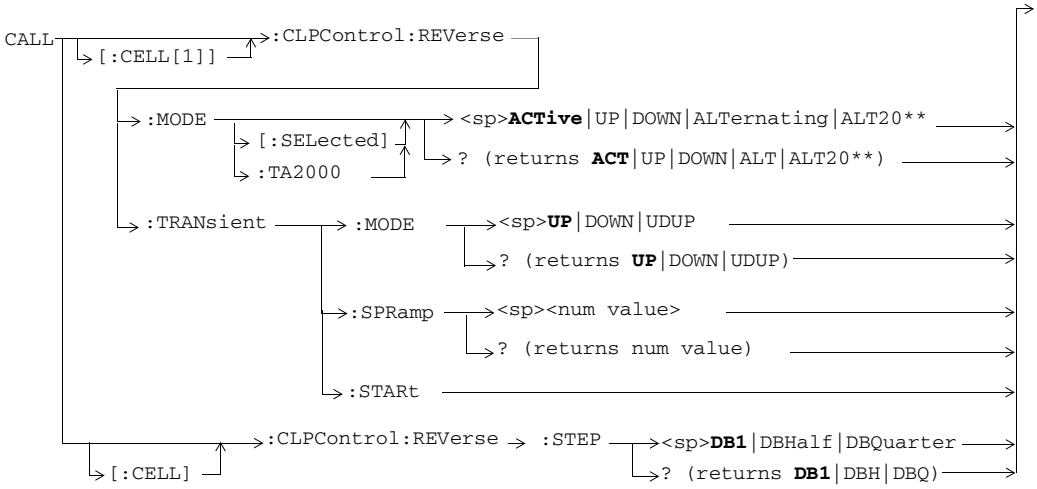


* This command does not apply to DIGital95.

CALL:CIDentity

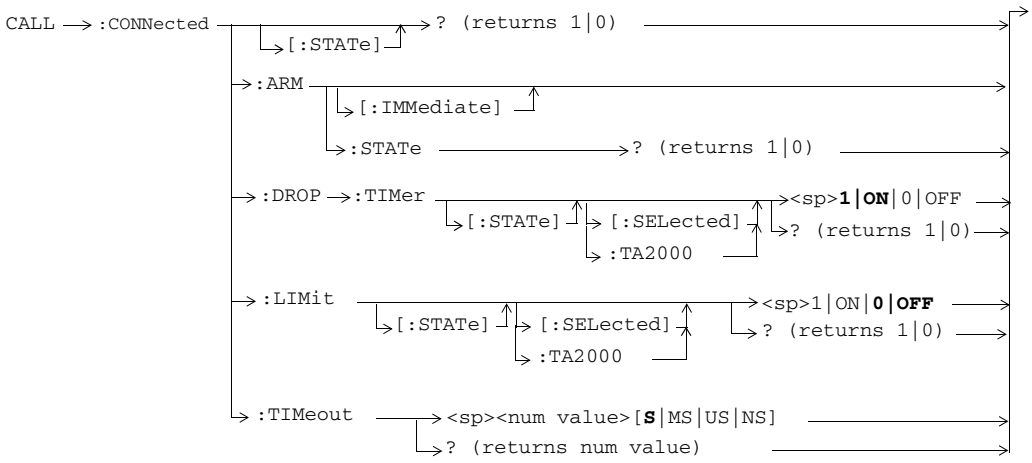


CALL:CLPControl

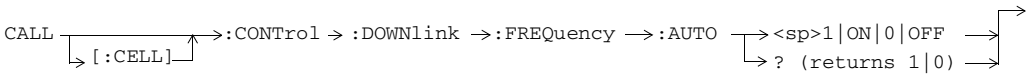


** This setting/query return is only applicable to the lab application.

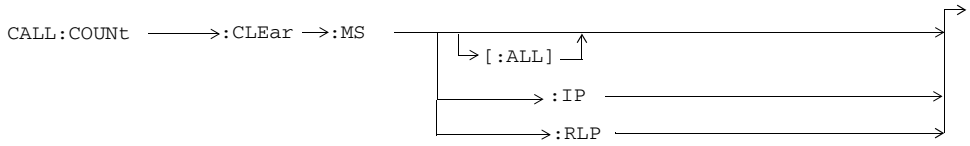
CALL:CONNected



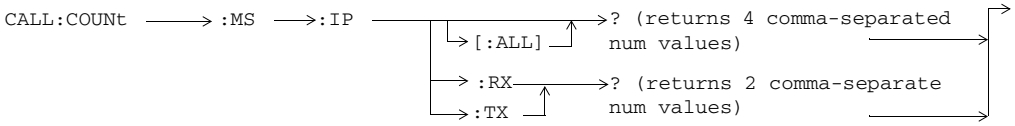
CALL:CONTrol



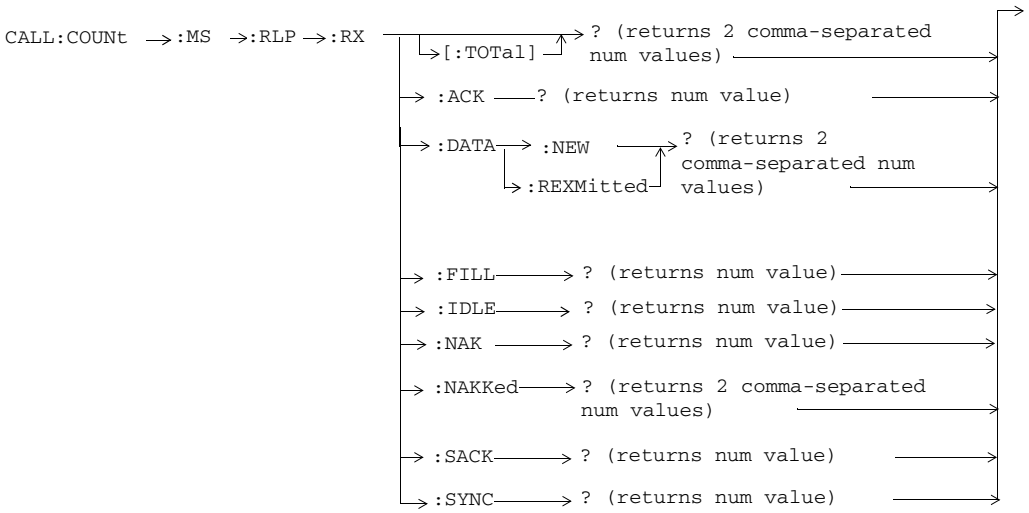
CALL:COUNt



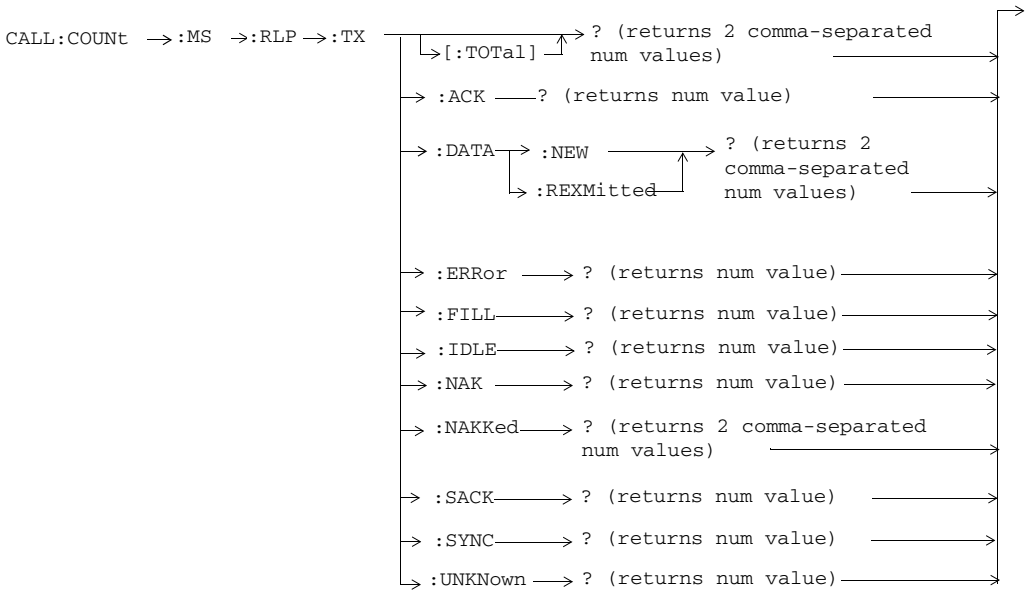
All commands shown in this diagram are only applicable to the lab application.



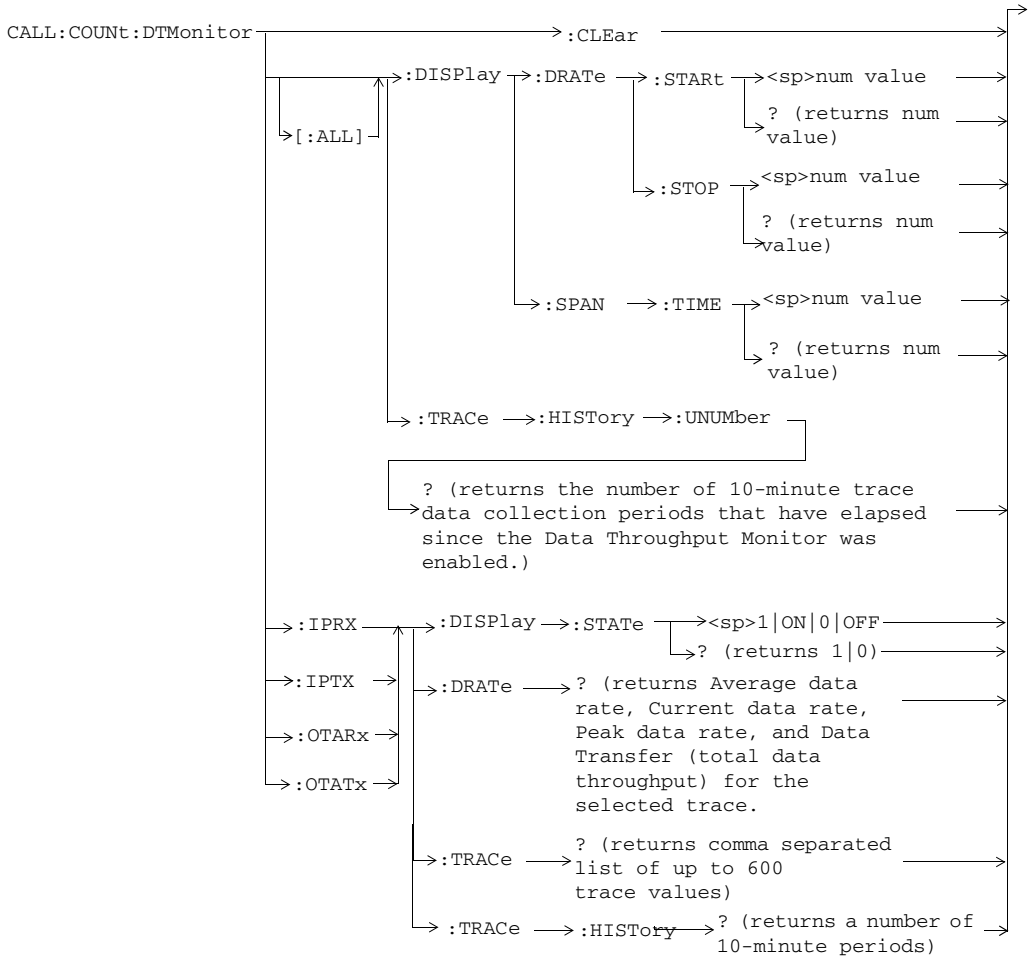
All commands shown in this diagram are only applicable to the lab application.



All commands shown in this diagram are only applicable to the lab application.

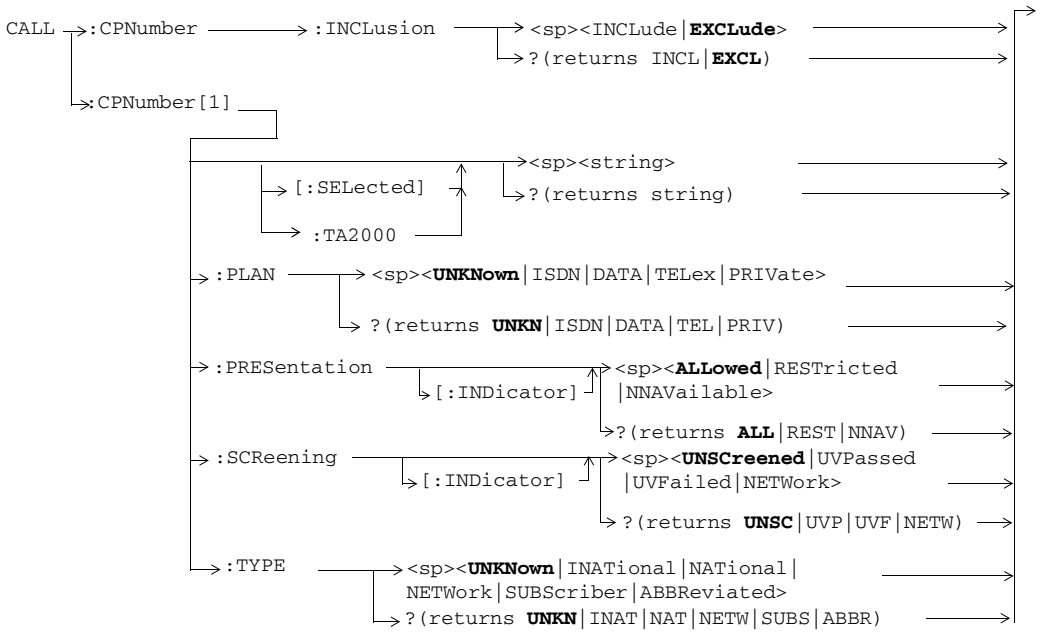


All commands shown in this diagram are only applicable to the lab application.

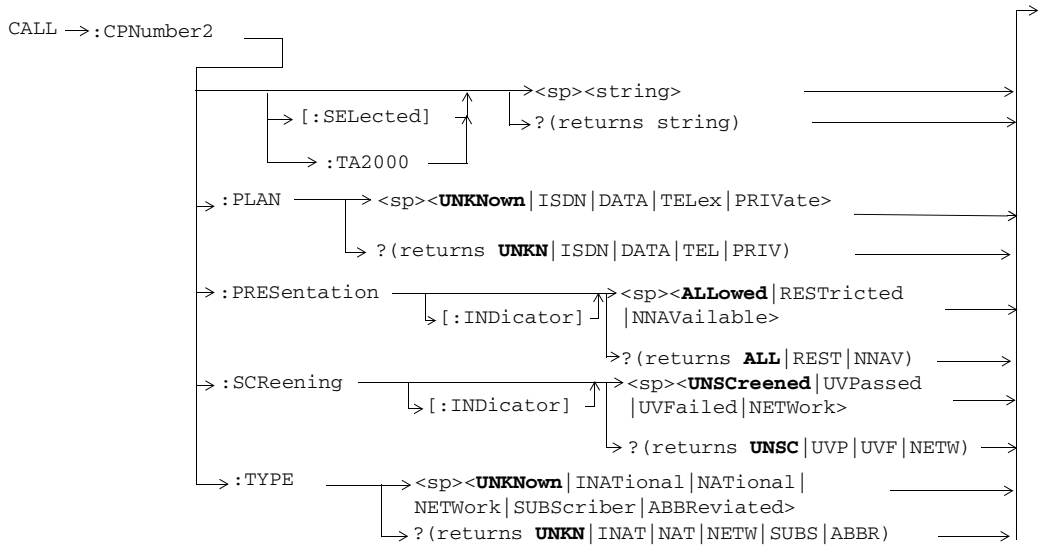


All commands shown in this diagram are only applicable to the lab application.

CALL:CPNumber

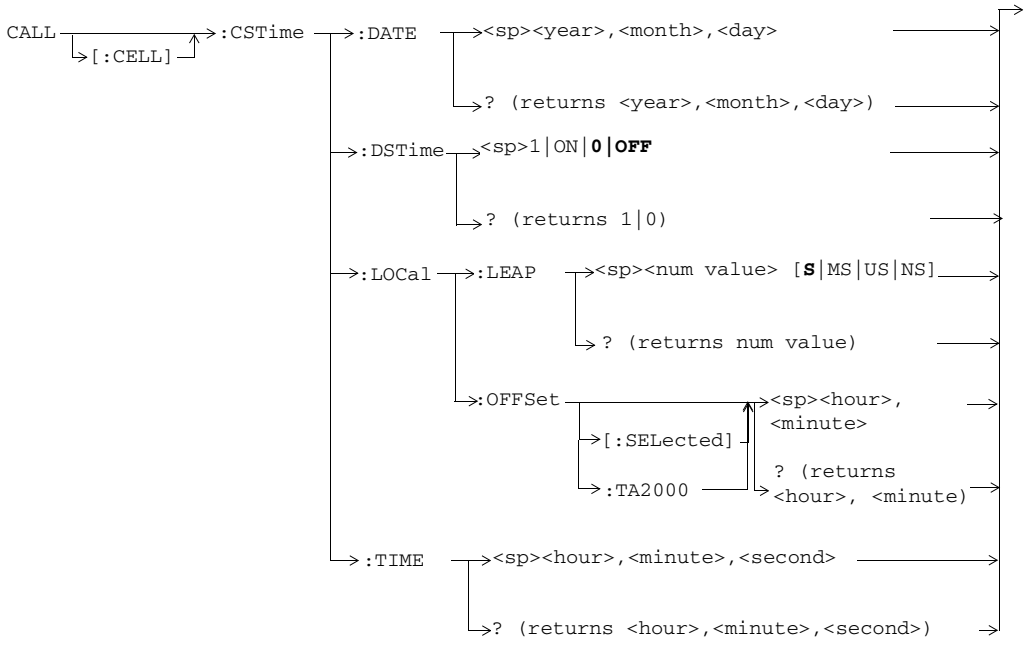


All commands shown in this diagram are only applicable to the lab application.

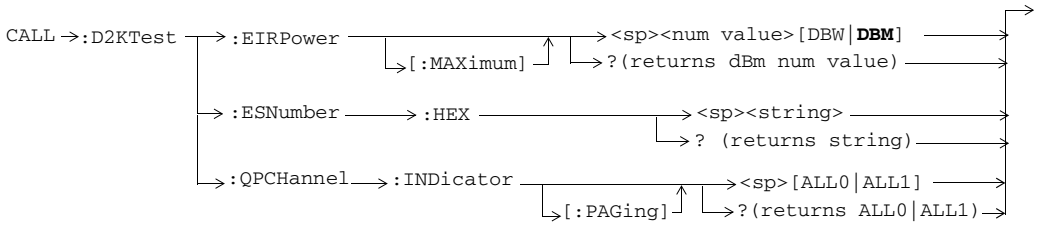


All commands shown in this diagram are only applicable to the lab application.

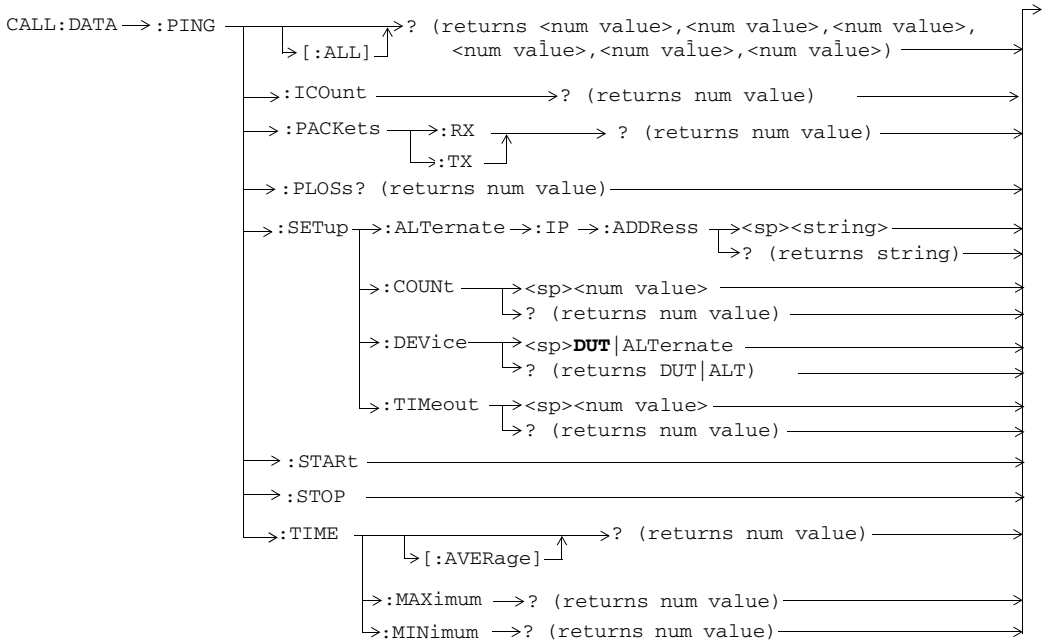
CALL:CSTime



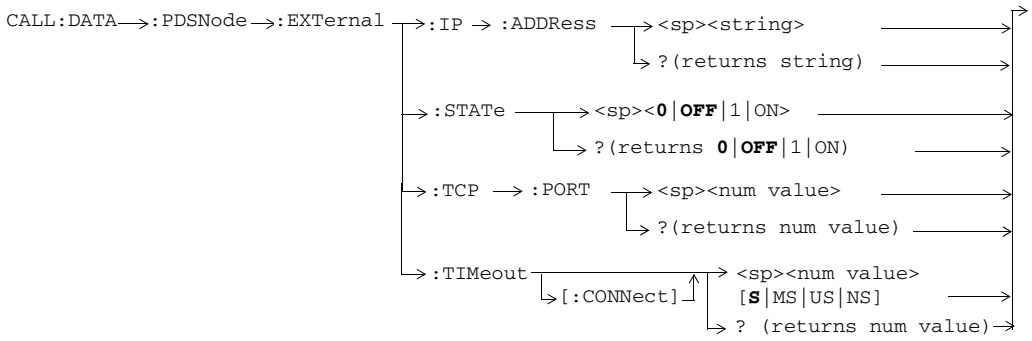
CALL:D2KTest



CALL:DATA

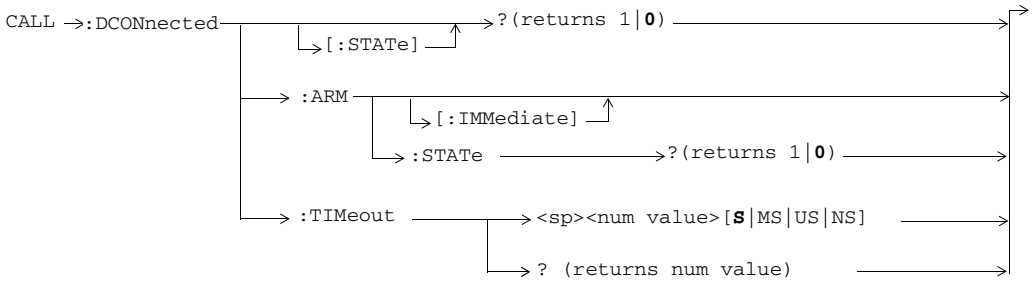


All commands shown in this diagram are only applicable to the lab application.

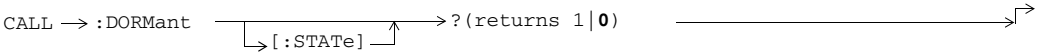


All commands shown in this diagram are only applicable to the lab application.

CALL:DCONnected

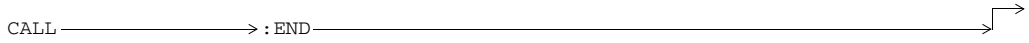


CALL:DORMant

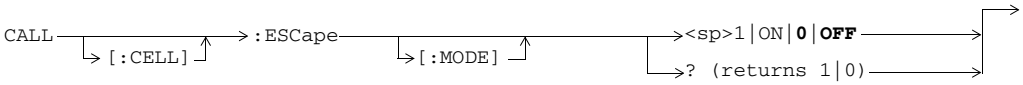


This command is only applicable to the lab application.

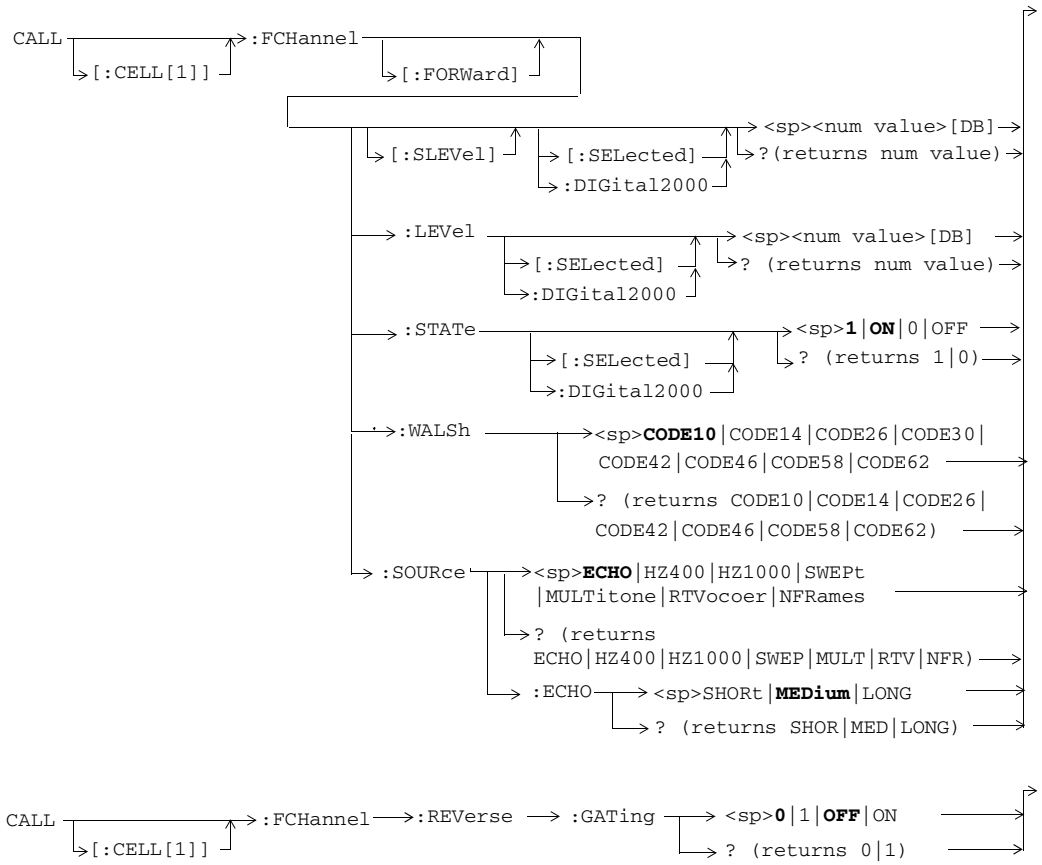
CALL:END



CALL:ESCape

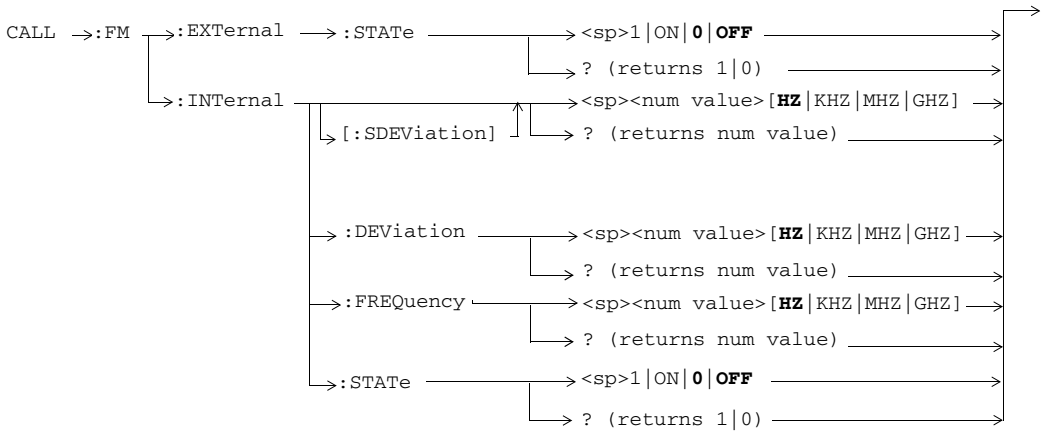


CALL:FCHannel

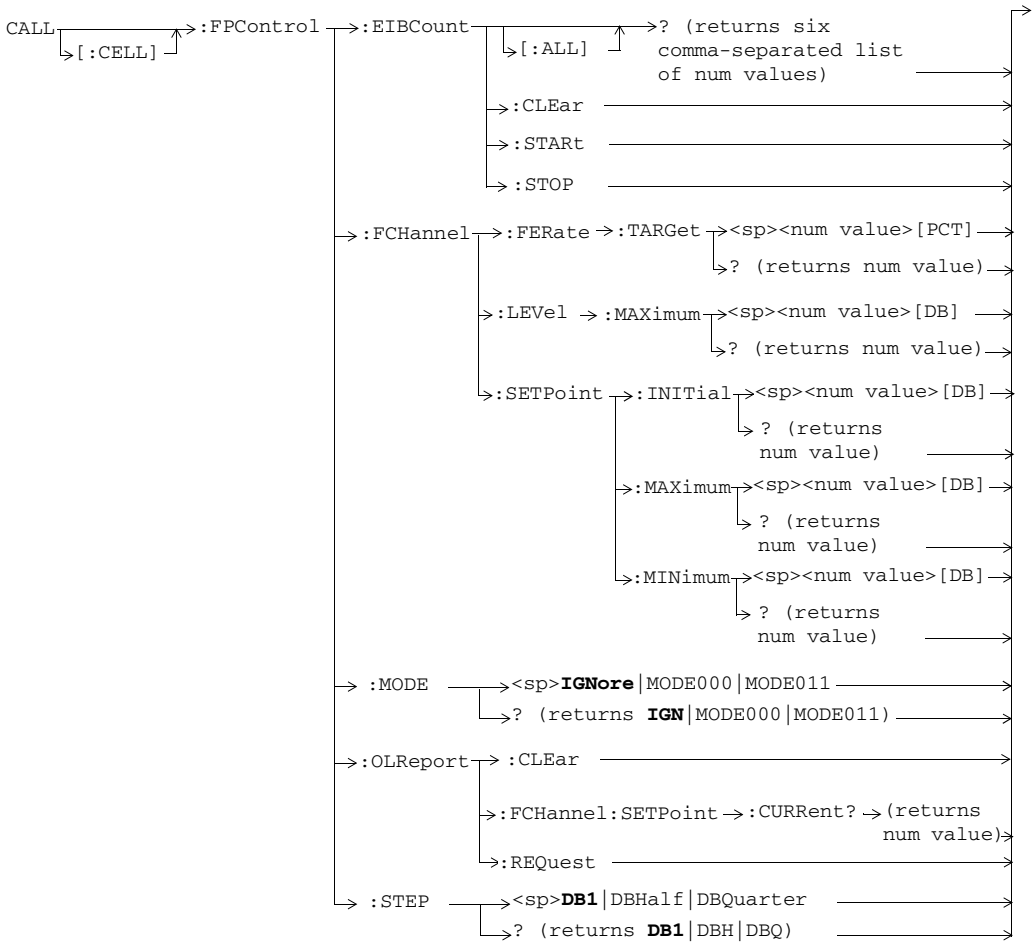


The commands in this diagram are only applicable to the lab application.

CALL:FM

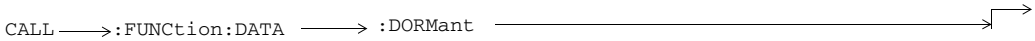

CALL
:FM
:EXTernal
:STATe
<sp>1|ON|0|OFF
? (returns 1|0)
:INTernal
<sp><num value>[HZ|KHZ|MHZ|GHZ]
[:SDEViation]
? (returns num value)
:DEViation
<sp><num value>[HZ|KHZ|MHZ|GHZ]
? (returns num value)
:FREQuency
<sp><num value>[HZ|KHZ|MHZ|GHZ]
? (returns num value)
:STATe
<sp>1|ON|0|OFF
? (returns 1|0)

CALL:FPControl



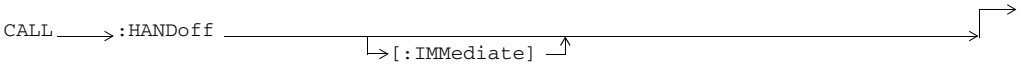
All commands shown in this diagram are only applicable to the lab application.

CALL:FUNCtion:DATA

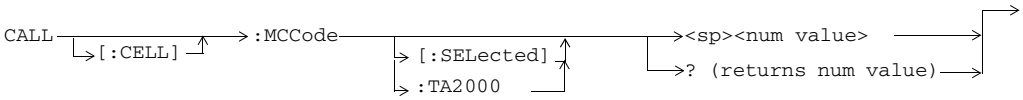


All commands shown in this diagram are only applicable to the lab application.

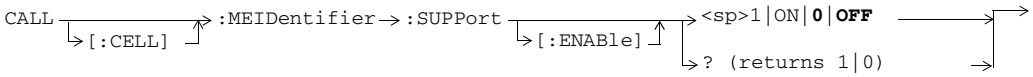
CALL:HANDoff



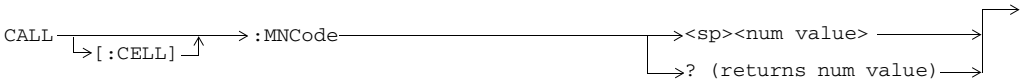
CALL:MCCode



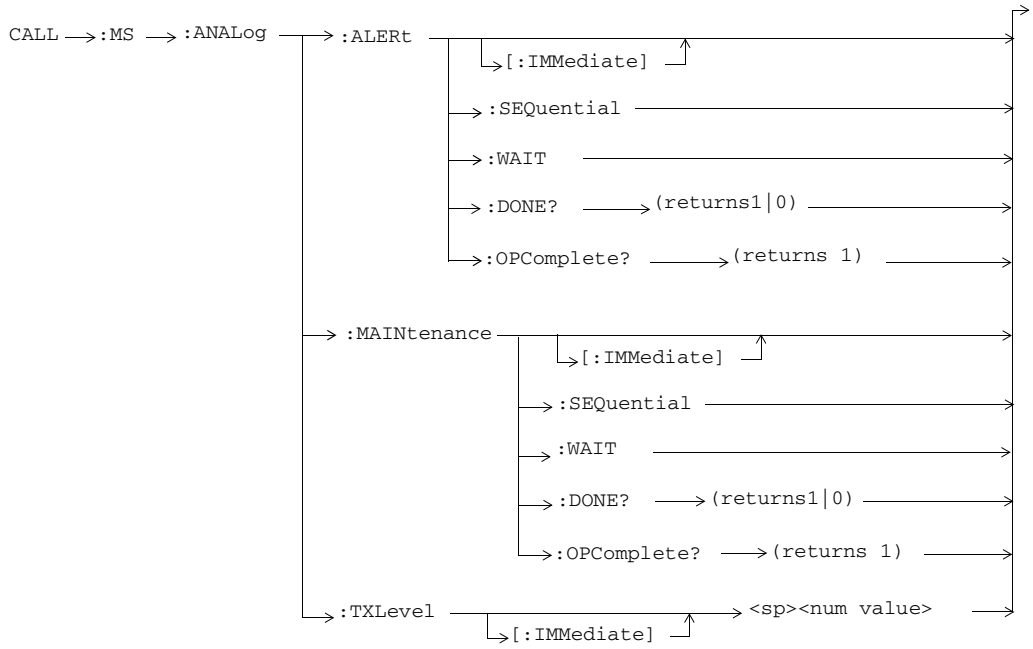
CALL:MEIDentifier



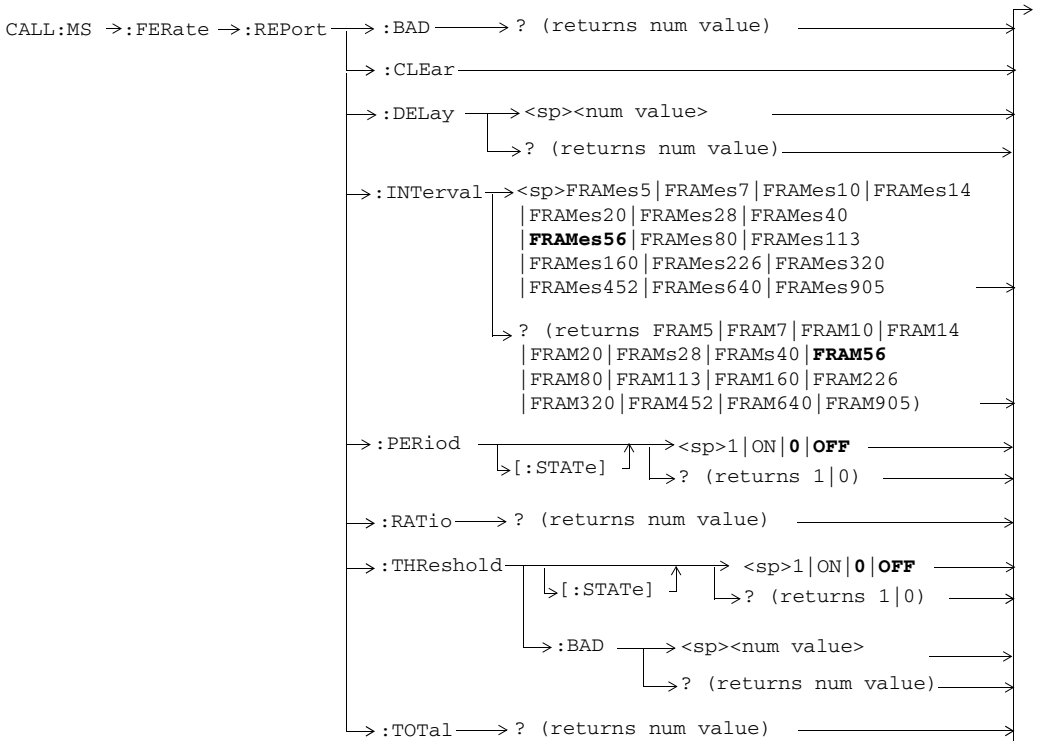
CALL:MNCode



CALL:MS:ANALog

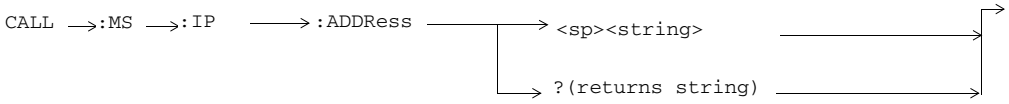


CALL:MS:FERate



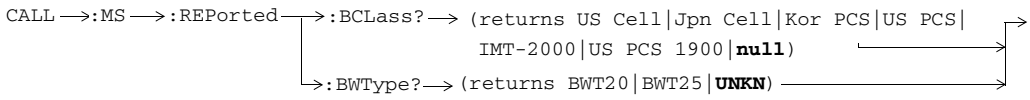
These commands are only applicable to the lab application.

CALL:MS:IP:ADDRess

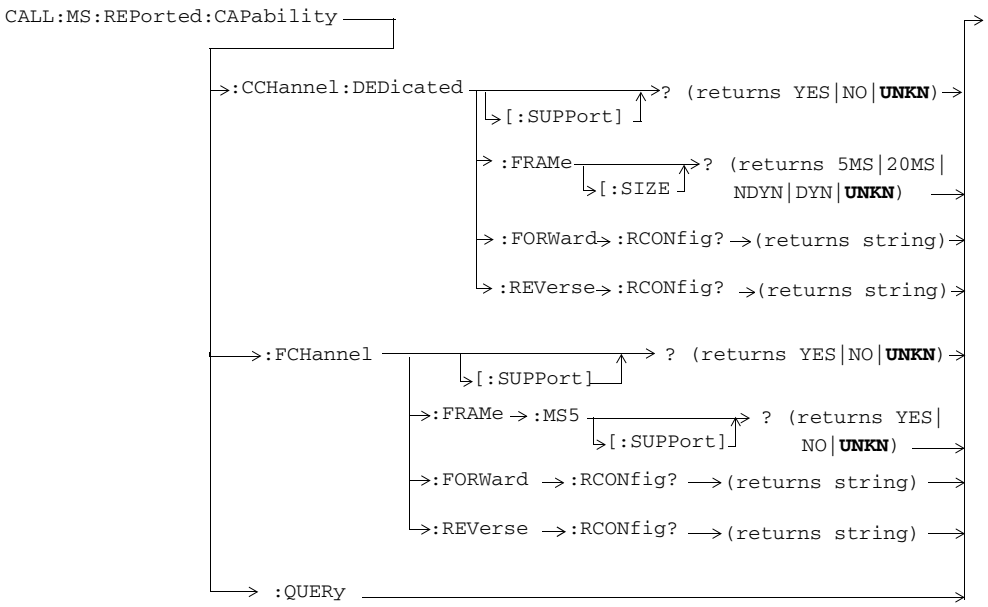


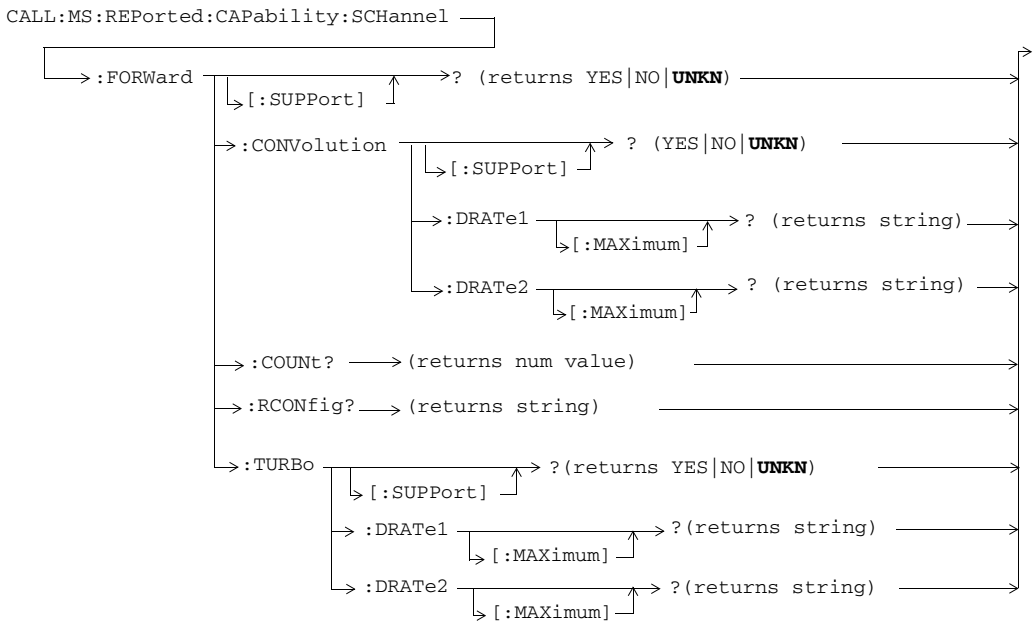
All commands shown in this diagram are only applicable to the lab application.

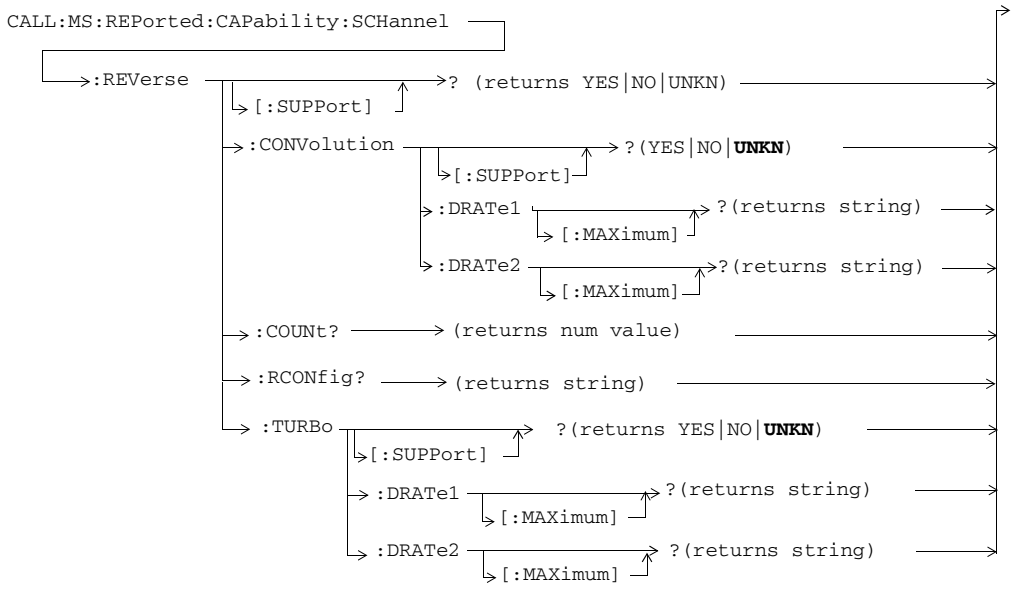
CALL:MS:REPorted<:BCLass|:BWType>



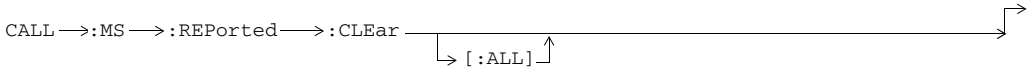
CALL:MS:REPorted:CAPability



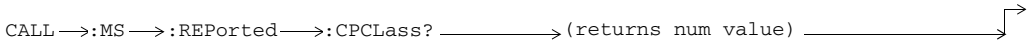

CALL:MS:REPorted:CAPability:SCHannel
:FORWard
[:SUPPort]
? (returns YES|NO|UNKN)
:CONVolution
[:SUPPort]
? (YES|NO|UNKN)
:DRATe1
[:MAXimum]
? (returns string)
:DRATe2
[:MAXimum]
? (returns string)
:COUNt?
(returns num value)
:RCONfig?
(returns string)
:TURBo
[:SUPPort]
?(returns YES|NO|UNKN)
:DRATe1
[:MAXimum]
?(returns string)
:DRATe2
[:MAXimum]
?(returns string)


CALL:MS:REPorted:CAPability:SCHannel
:REVerse
[:SUPPort]
? (returns YES|NO|UNKN)
:CONVolution
[:SUPPort]
?(YES|NO|UNKN)
:DRATe1
[:MAXimum]
?(returns string)
:DRATe2
[:MAXimum]
?(returns string)
:COUNt?
(returns num value)
:RCONfig?
(returns string)
:TURBo
[:SUPPort]
?(returns YES|NO|UNKN)
:DRATe1
[:MAXimum]
?(returns string)
:DRATe2
[:MAXimum]
?(returns string)

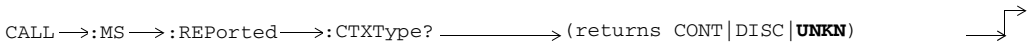
CALL:MS:REPorted:CLEar



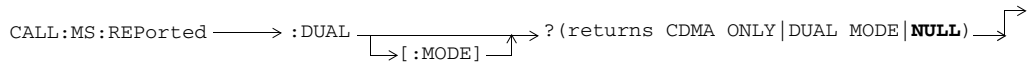
CALL:MS:REPorted:CPCLass



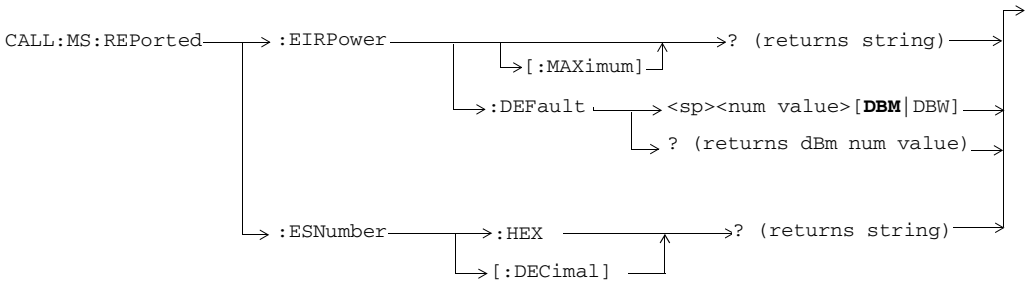
CALL:MS:REPorted:CTXType



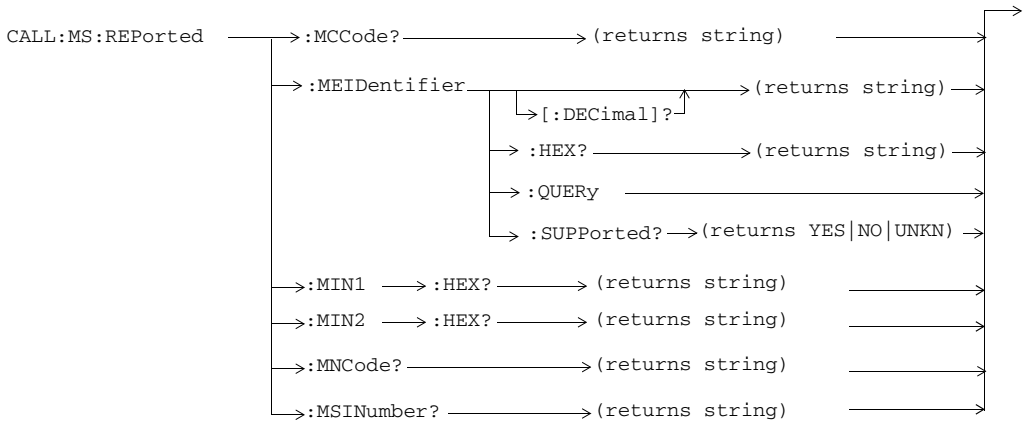
CALL:MS:REPorted:DUAL



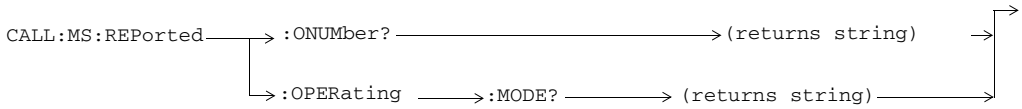
CALL:MS:REPorted<:EIRPower|:ESNumber>



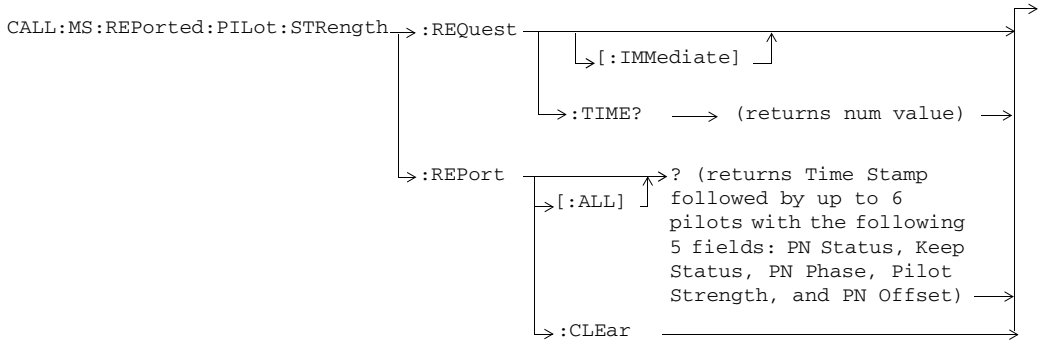
CALL:MS:REPorted<:MCC|:MEID|:MIN1|:MIN2|:MNC|MSIN>



CALL:MS:REPorted<:ONUMber|:OPERating>

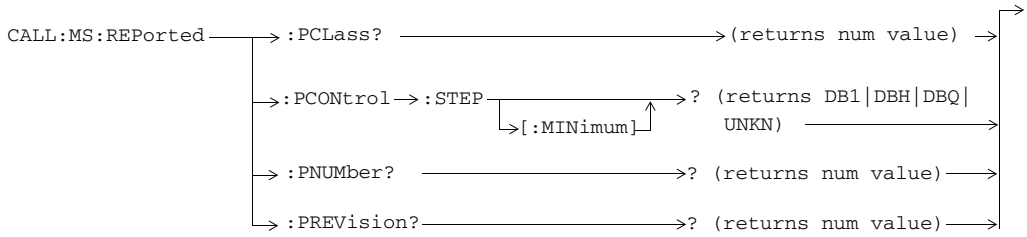


CALL:MS:REPorted:PILot:STRength

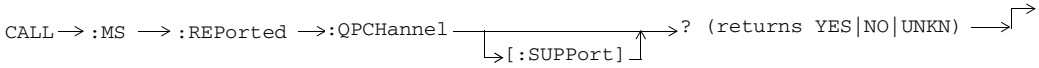


All commands shown in this diagram are only applicable to the lab application.

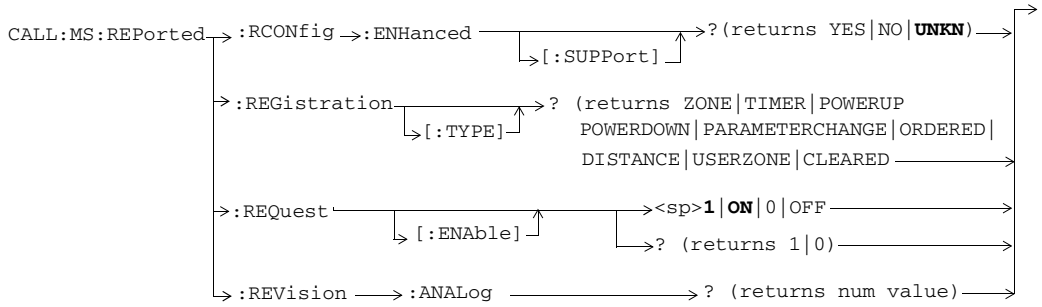
CALL:MS:REPorted<:PCLass|:PCONtrol|:PNUMber|:PREVision>



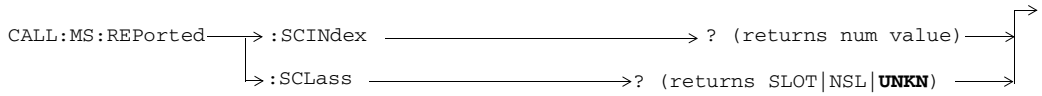
CALL:MS:REPorted:QPCHannel



CALL:MS:REPorted<:RCONfig|:REGistration|:REQuest|:REVision>

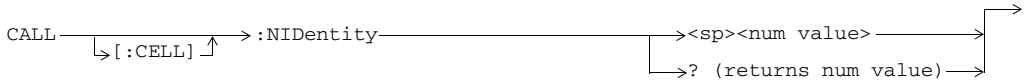


CALL:MS:REPorted<:SCINdex|:SCLass>

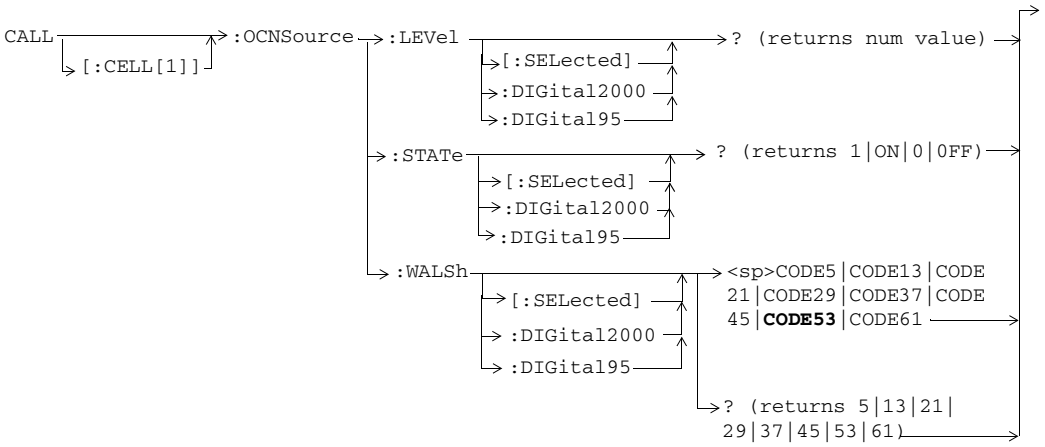


CALL:MS:REPorted:TXType

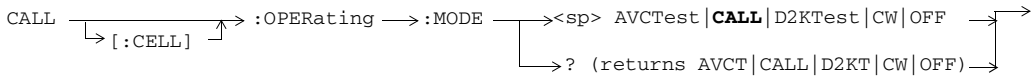
CALL:NIDentity



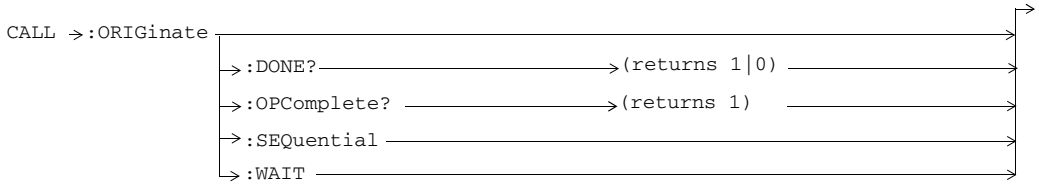
CALL:OCNSource



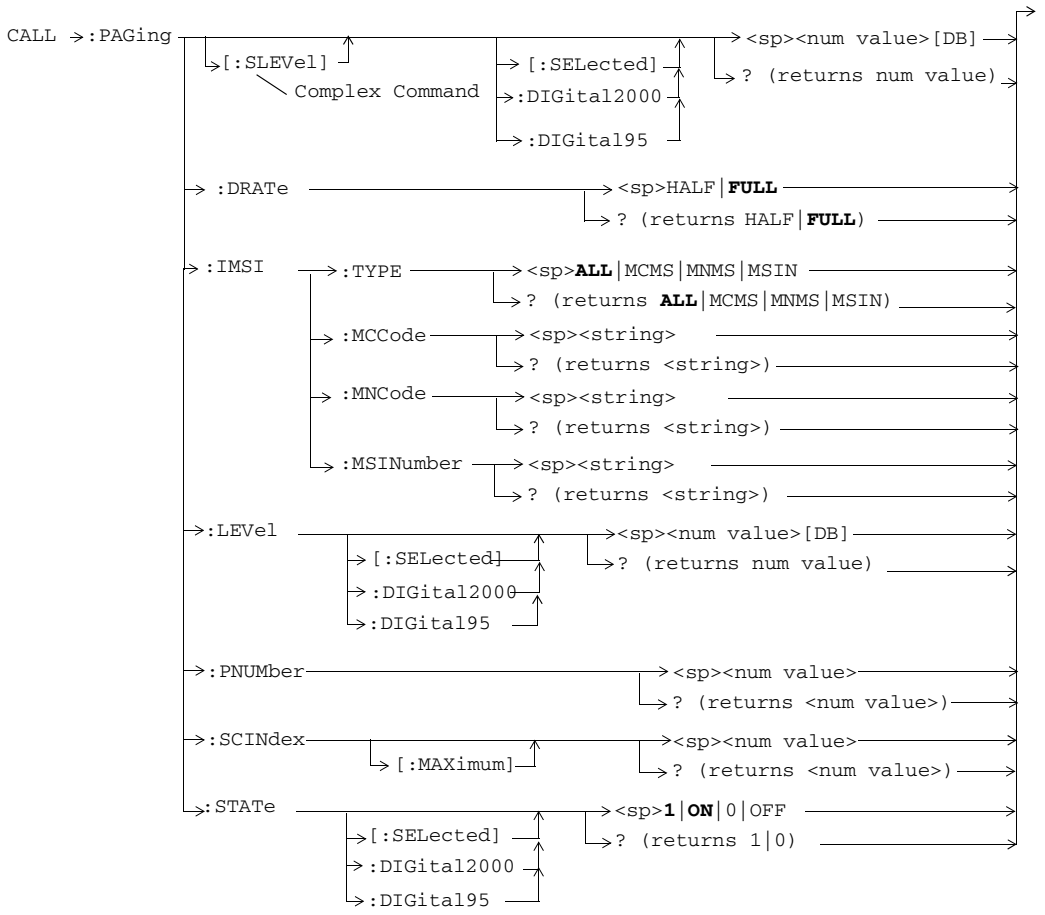
CALL:OPERating

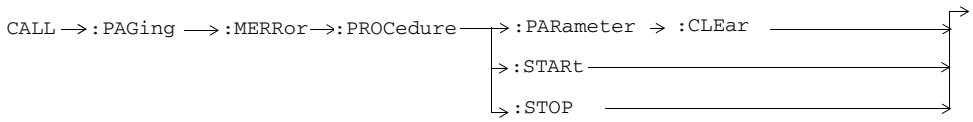


CALL:ORIGinate



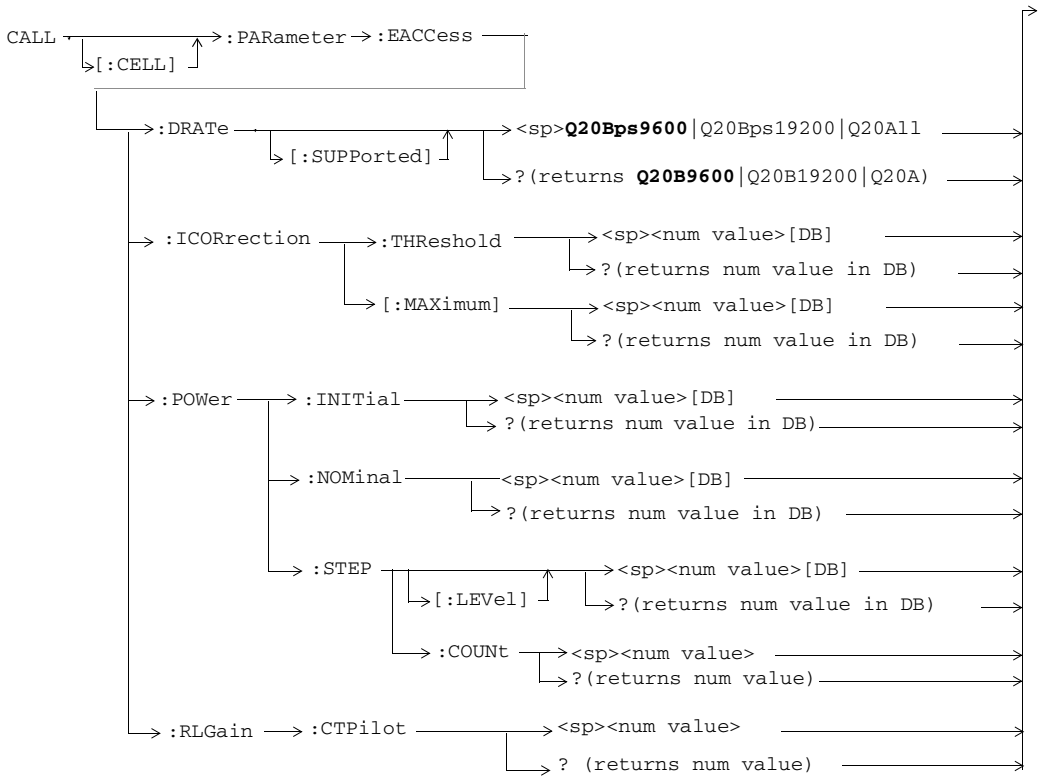
CALL:PAGing


CALL
:PAGing
[:SLEVel]
Complex Command
[:SELected]
:DIGital2000
:DIGital95
<sp><num value>[DB]
? (returns num value)
:DRATe
<sp>HALF|FULL
? (returns HALF|FULL)
:IMSI
:TYPE
<sp>ALL|MCMS|MNMS|MSIN
? (returns ALL|MCMS|MNMS|MSIN)
:MCCode
<sp><string>
? (returns <string>)
:MNCode
<sp><string>
? (returns <string>)
:MSINumber
<sp><string>
? (returns <string>)
:LEVel
[:SELected]
:DIGital2000
:DIGital95
<sp><num value>[DB]
? (returns num value)
:PNUMber
<sp><num value>
? (returns <num value>)
:SCINdex
[:MAXimum]
<sp><num value>
? (returns <num value>)
:STATe
[:SELected]
:DIGital2000
:DIGital95
<sp>1|ON|0|OFF
? (returns 1|0)



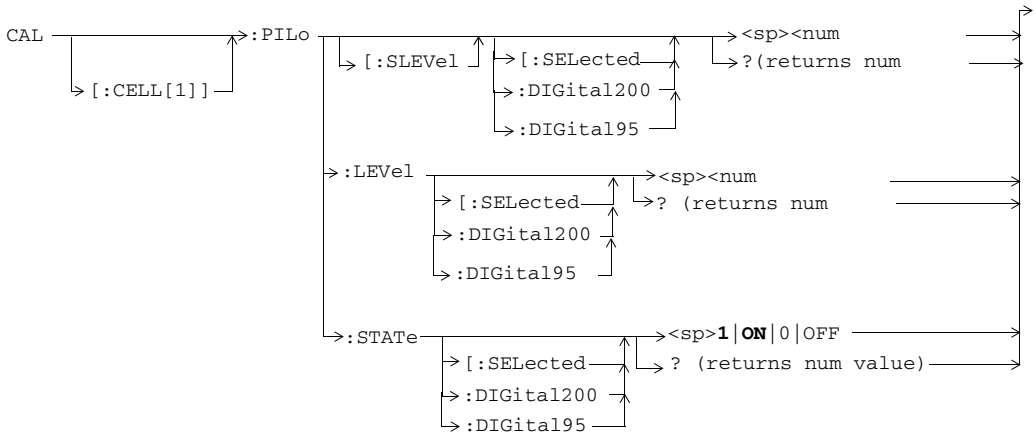
All commands shown in this diagram are only applicable to the lab application.

CALL:PARameter:EACCess

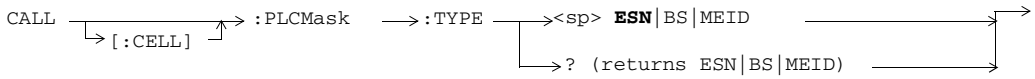


All commands shown in this diagram are only applicable to the lab application or feature-licensed test application.

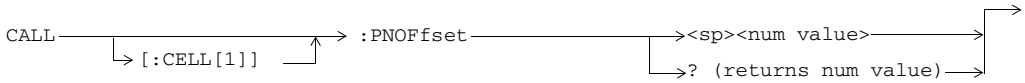
CALL:PILot



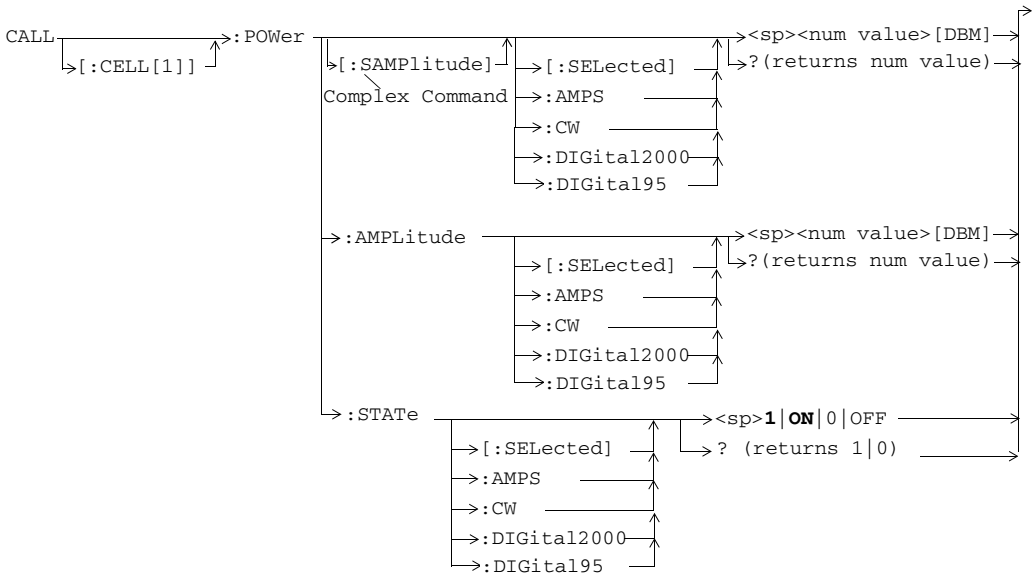
CALL:PLCMask



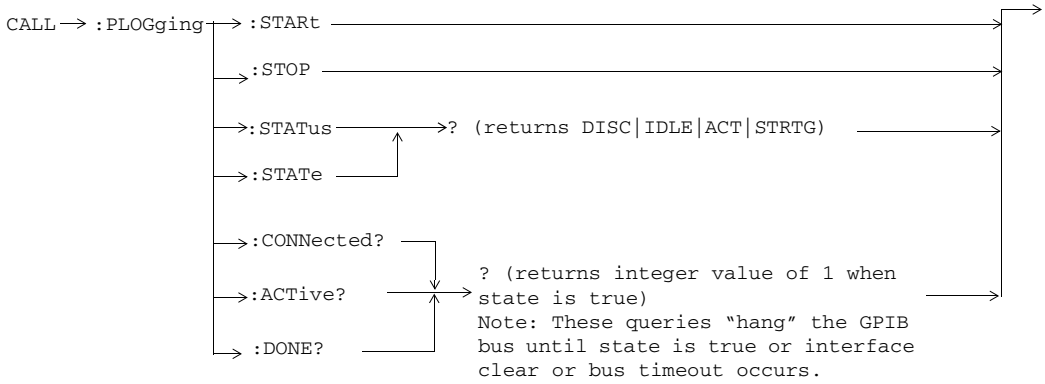
CALL:PNOFfset



CALL:POWer

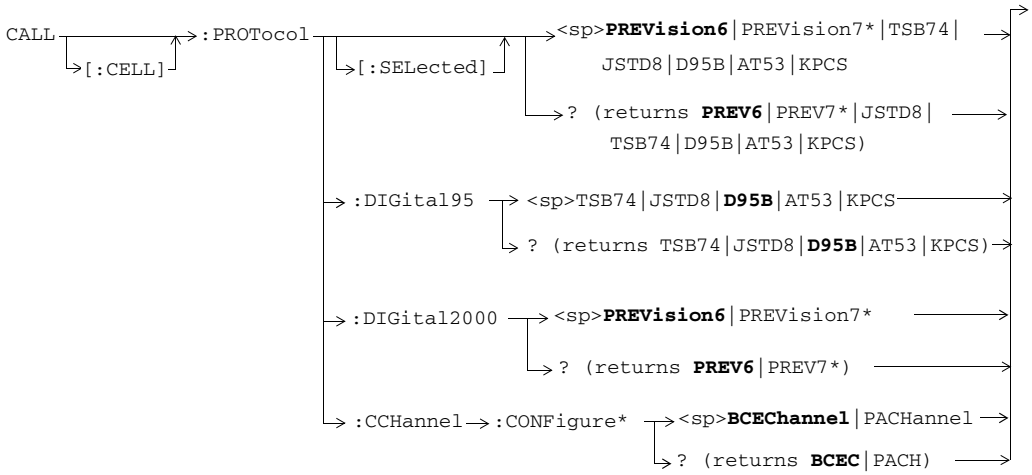

CALL
[:CELL[1]]
:POWer
[:SAMPlitude]
Complex Command
[:SELected]
:AMPS
:CW
:DIGital2000
:DIGital95
<sp><num value>[DBM]
?(returns num value)
:AMPLitude
[:SELected]
:AMPS
:CW
:DIGital2000
:DIGital95
<sp><num value>[DBM]
?(returns num value)
:STATe
[:SELected]
:AMPS
:CW
:DIGital2000
:DIGital95
<sp>1|ON|0|OFF
? (returns 1|0)

CALL:PLOGging



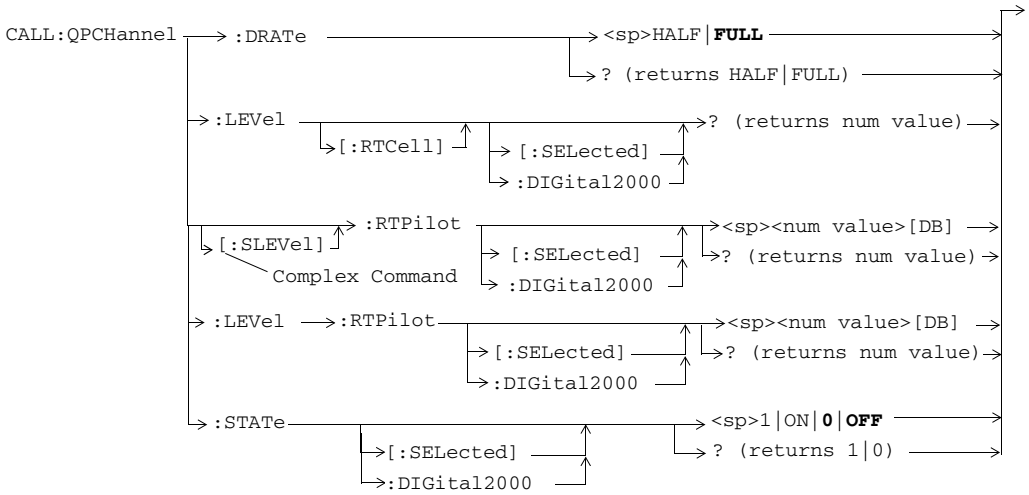
All commands shown in this diagram are only applicable to the lab application.

CALL:PROTocol

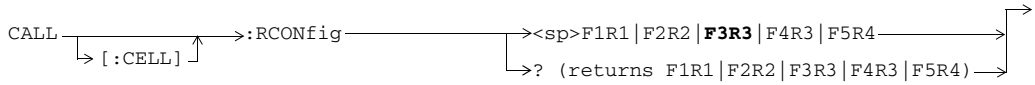


* It is only applicable to the lab application or feature-licensed test application.

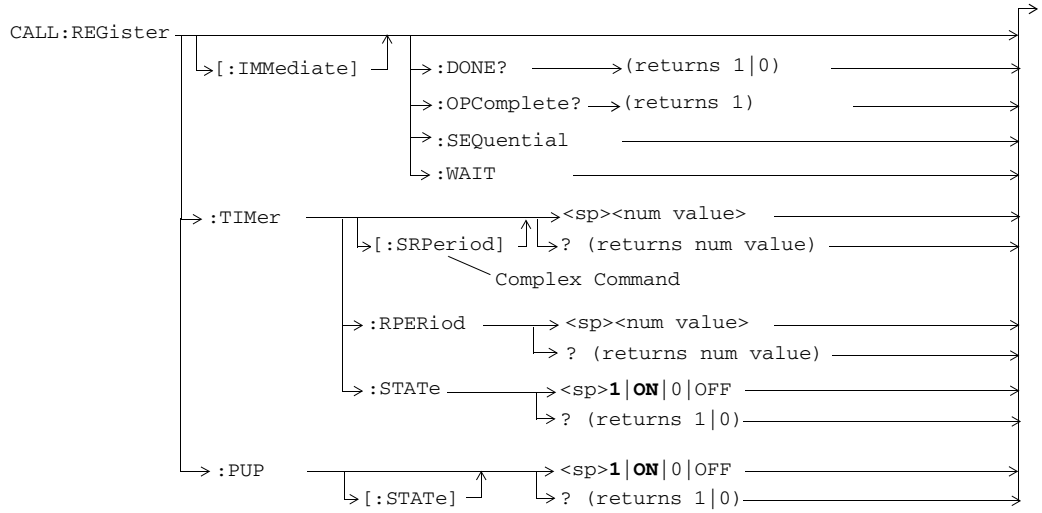
CALL:QPCHannel



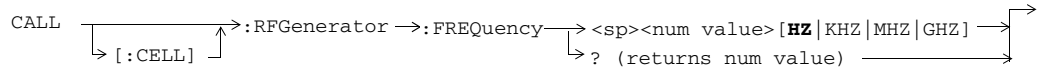
CALL:RCONfig



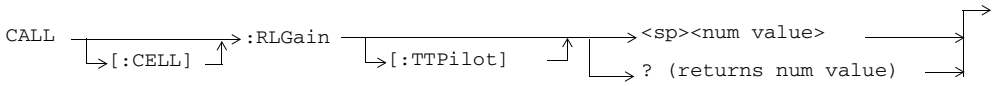
CALL:REGister



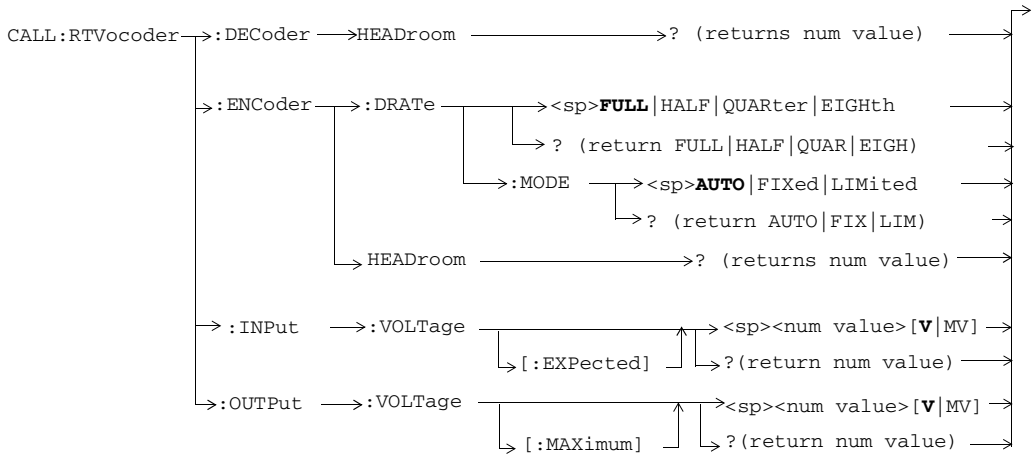
CALL:RFGenerator



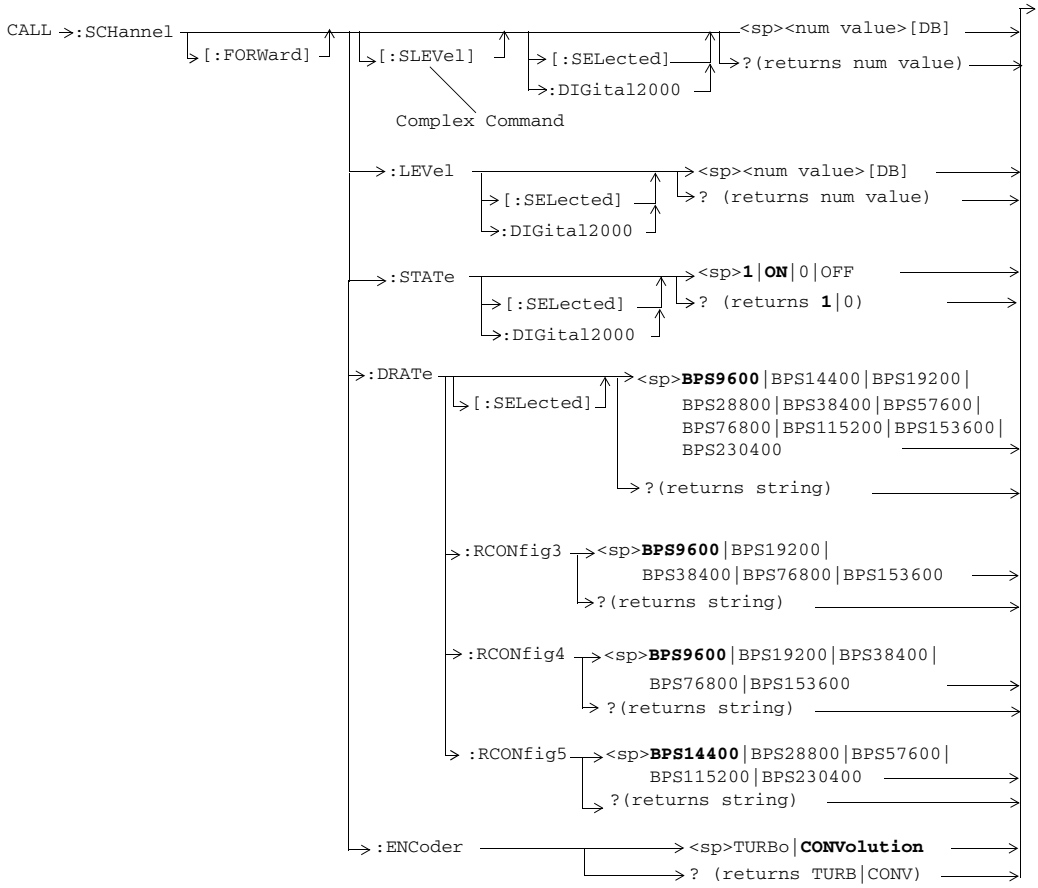
CALL:RLGain

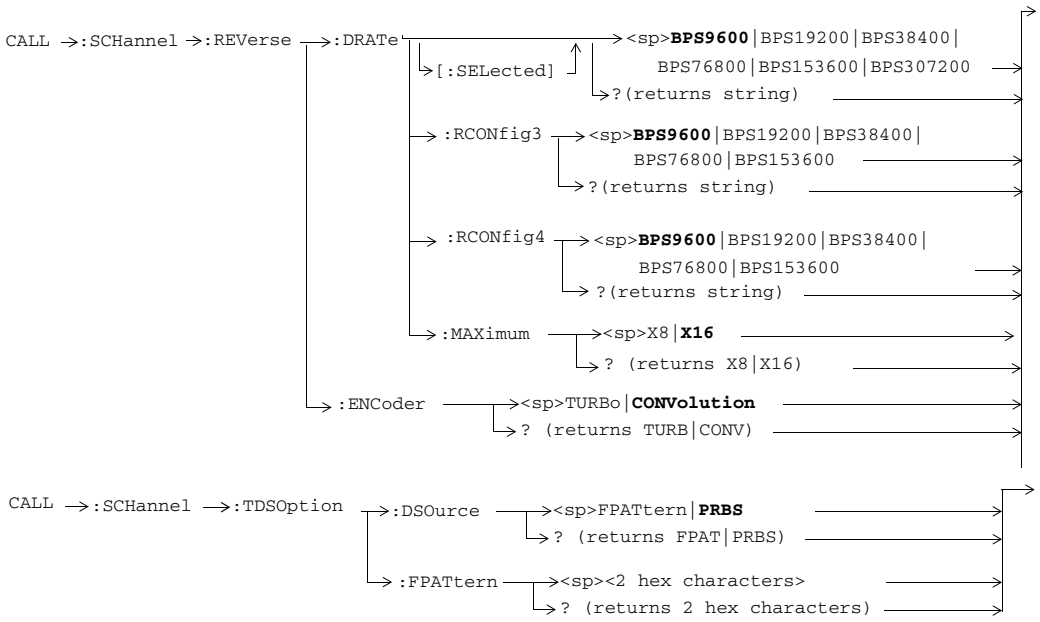


CALL:RTVocoder



CALL:SCHannel

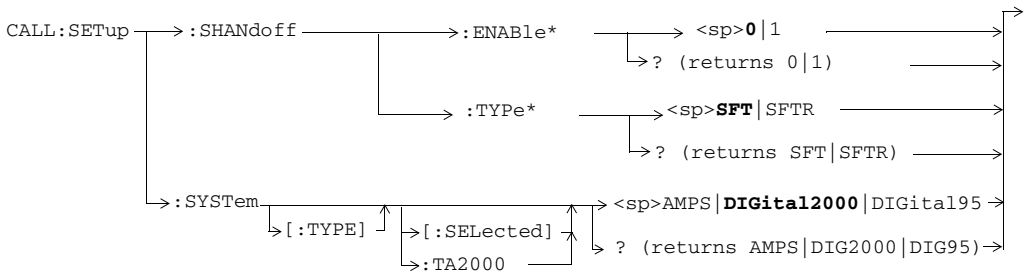



CALL
:SCHannel
:REVerse
:DRATe
[:SELected]
<sp>BPS9600|BPS19200|BPS38400|
BPS76800|BPS153600|BPS307200
?(returns string)
:RCONfig3
<sp>BPS9600|BPS19200|BPS38400|
BPS76800|BPS153600
?(returns string)
:RCONfig4
<sp>BPS9600|BPS19200|BPS38400|
BPS76800|BPS153600
?(returns string)
:MAXimum
<sp>X8|X16
? (returns X8|X16)
:ENCoder
<sp>TURBo|CONVolution
? (returns TURB|CONV)
CALL
:SCHannel
:TDSOption
:DSOurce
<sp>FPATtern|PRBS
? (returns FPAT|PRBS)
:FPATtern
<sp><2 hex characters>
? (returns 2 hex characters)

CALL:SETup

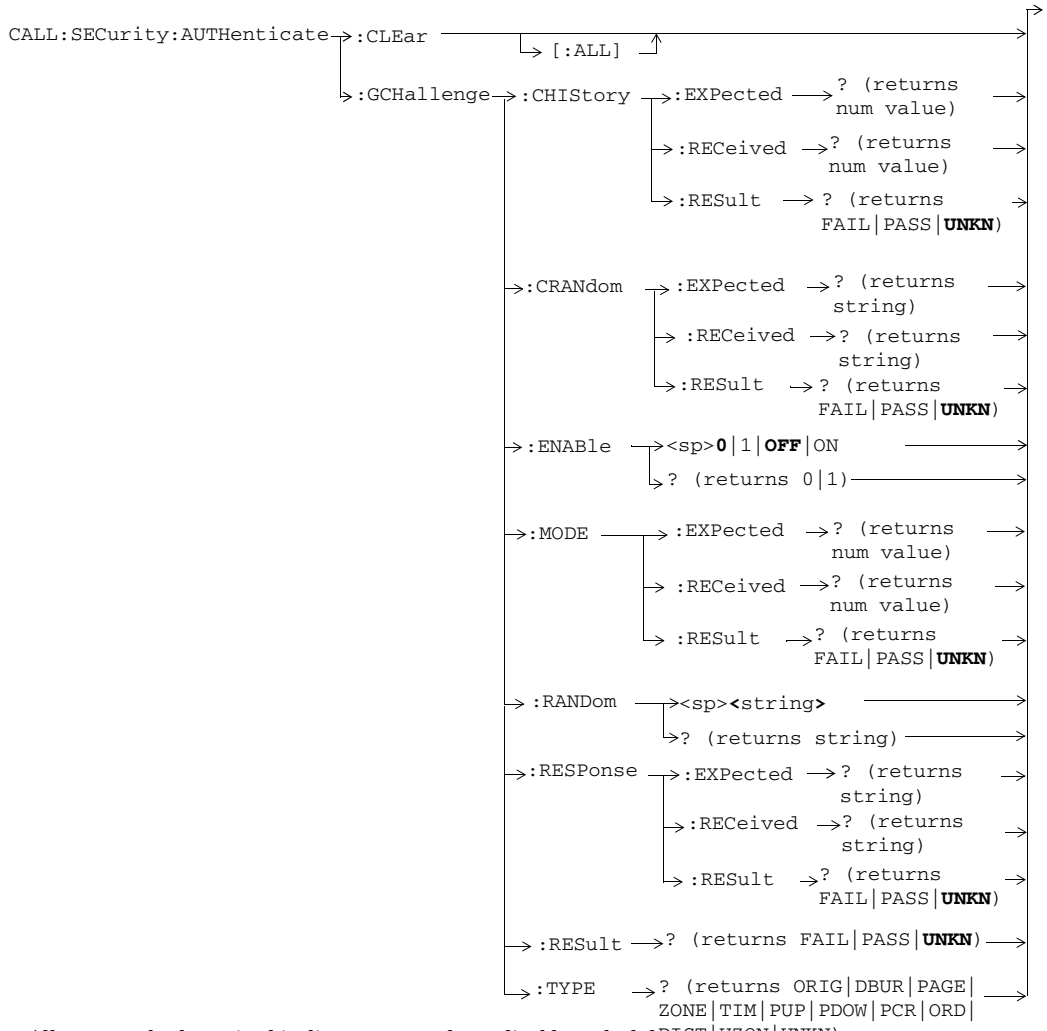
* This command is NOT applicable to the DIGital95.

** This setting/query return is NOT applicable to the DIGital95.

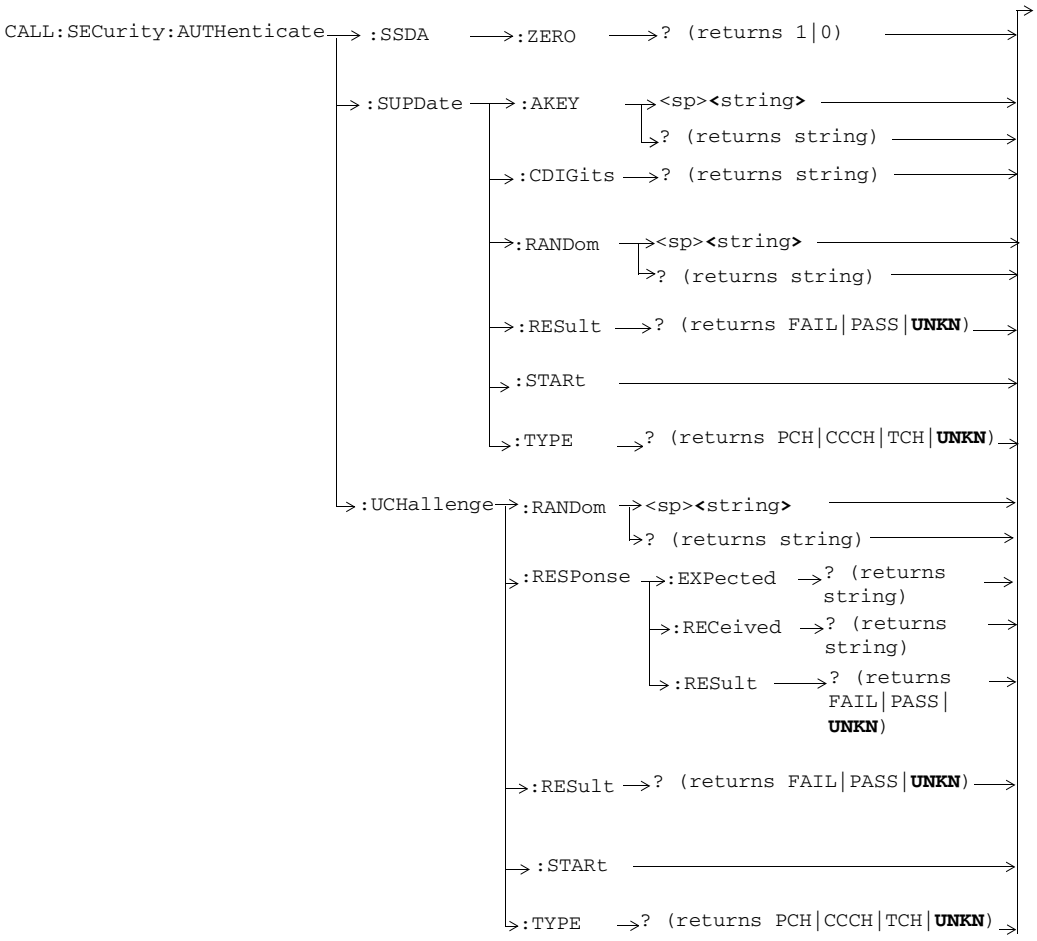


* This command is only applicable to the lab application.

CALL:SECurity

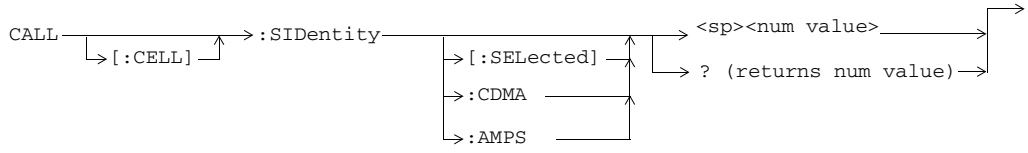


All commands shown in this diagram are only applicable to the lab application and to a test application with the required feature license.

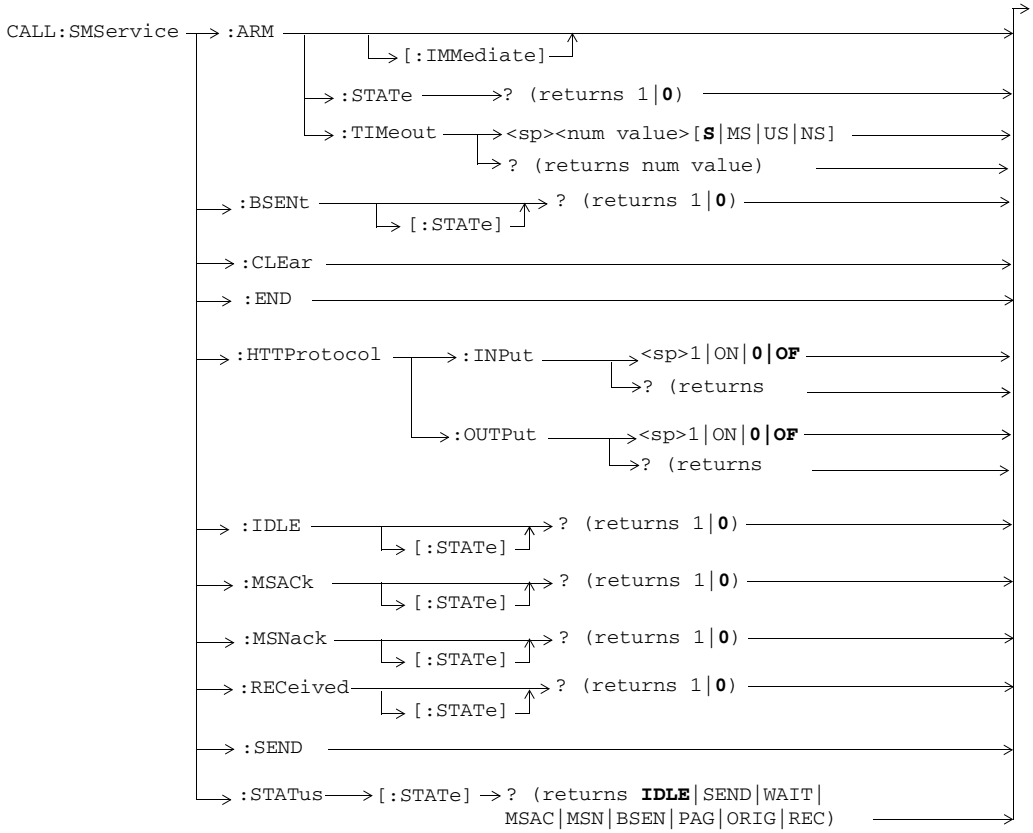


All commands shown in this diagram are only applicable to the lab application and to a test application with the required feature license.

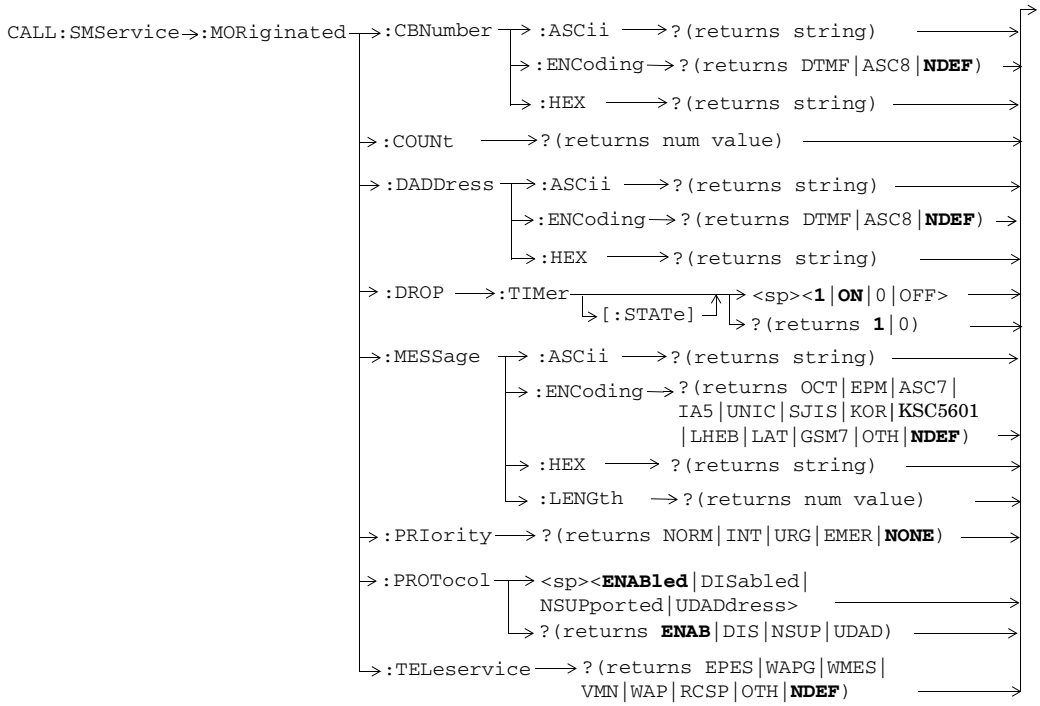
CALL:SIDentity



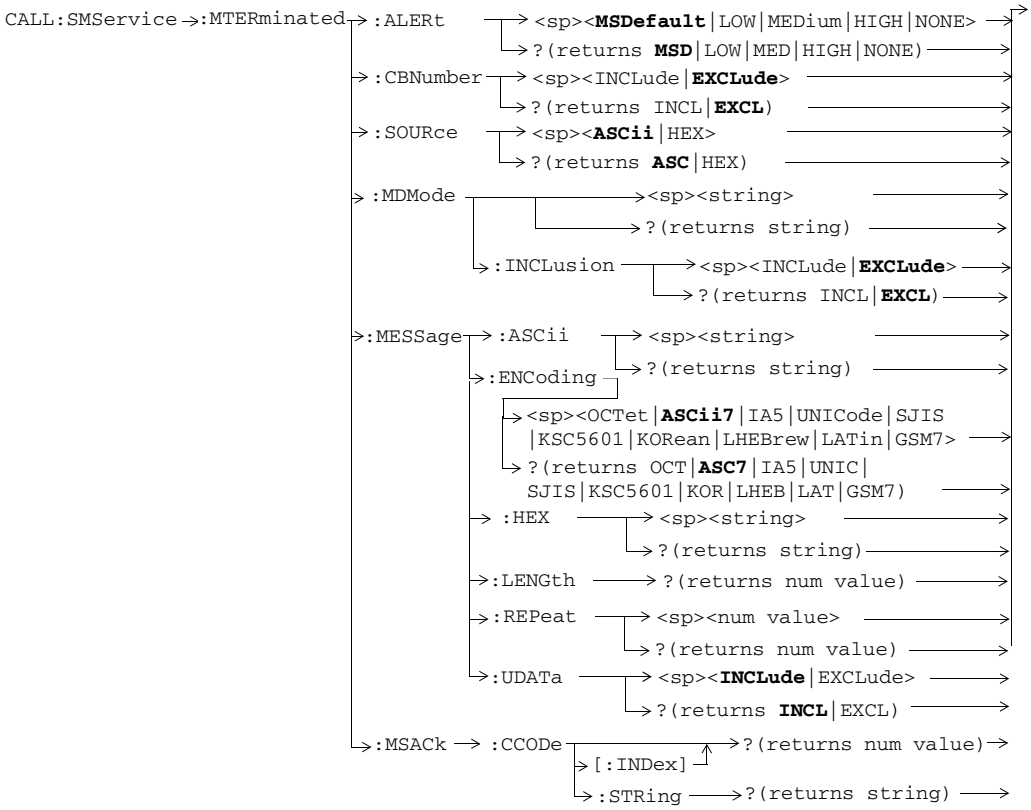
CALL:SMService



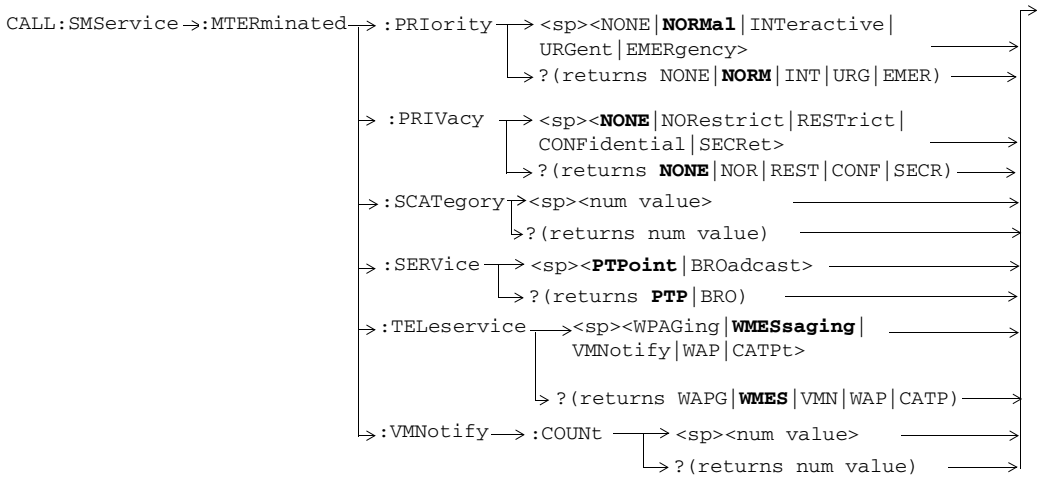
All commands shown in this diagram are only applicable to the lab application.



All commands shown in this diagram are only applicable to the lab application.

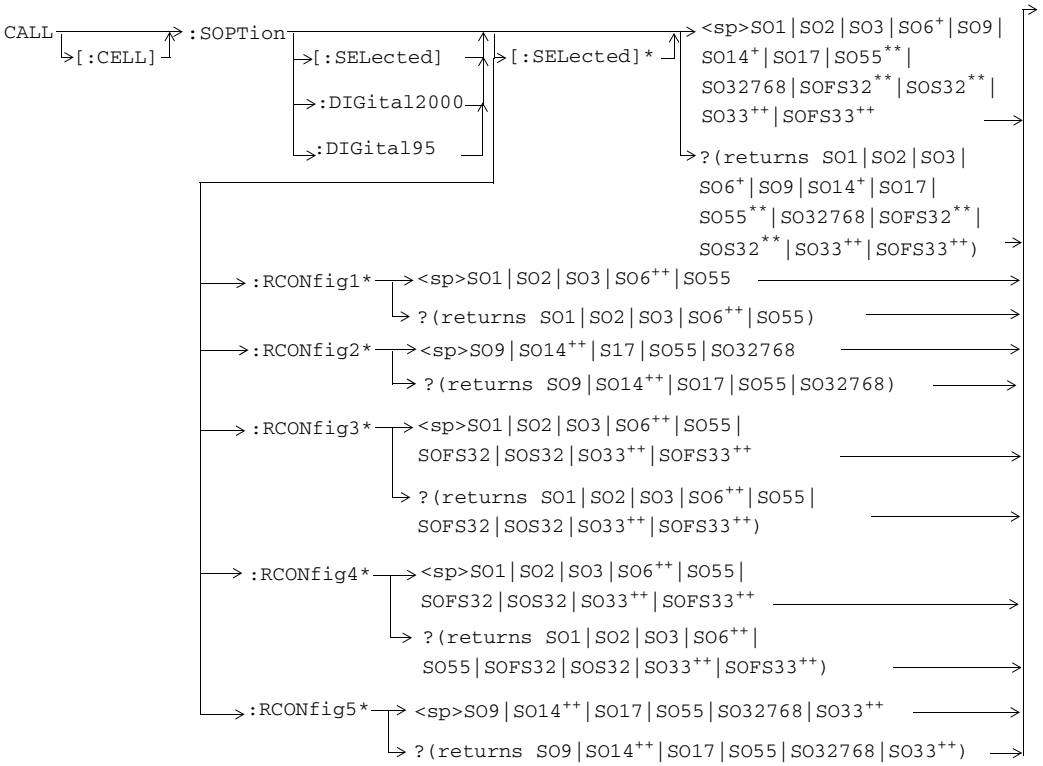


All commands shown in this diagram are only applicable to the lab application.



All commands shown in this diagram are only applicable to the lab application.

CALL:SOPTion



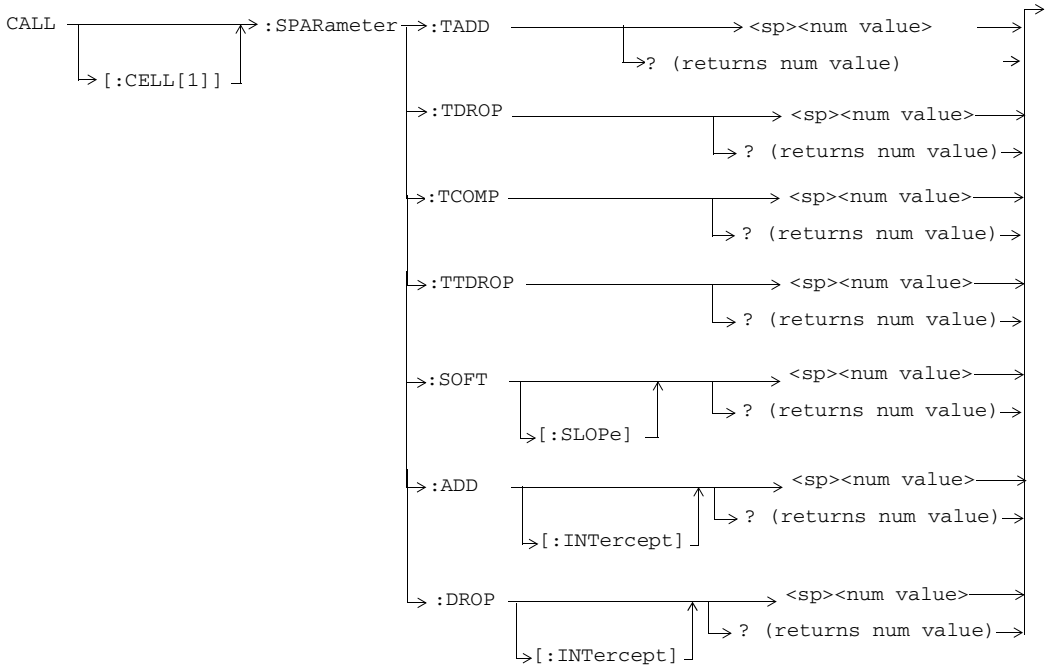
* This command is only applicable to the DIGital2000.

** This setting/query return is only applicable to the DIGital2000.

+ This setting/query return is only applicable to the lab application.

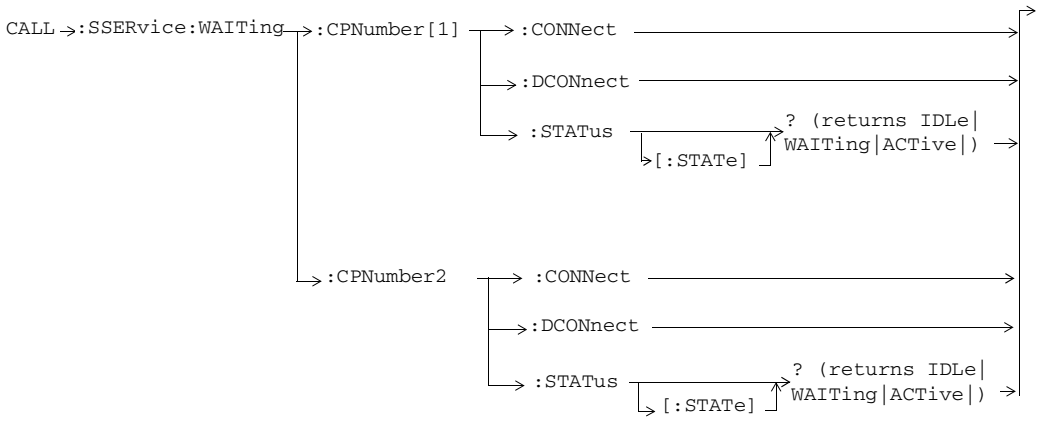
++ This setting/query return is only applicable to the lab application and the DIGital2000.

CALL:SPARameter



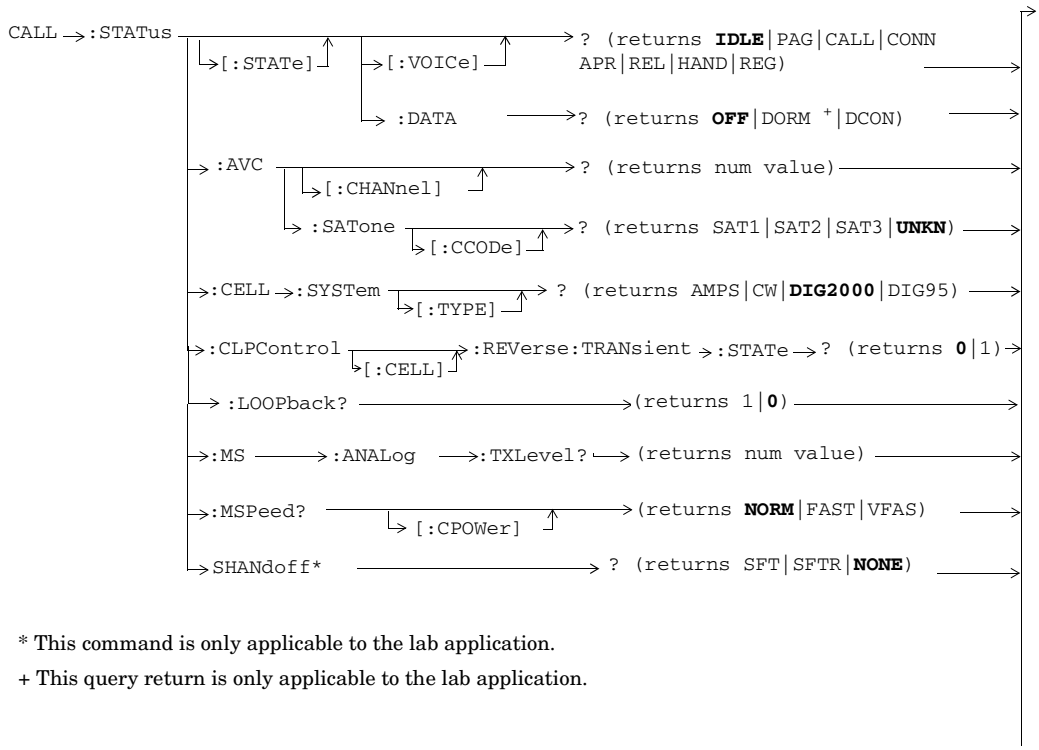
All commands shown in this diagram are only applicable to the lab application.

CALL:SSERvice:WAITing



All commands shown in this diagram are only applicable to the lab application.

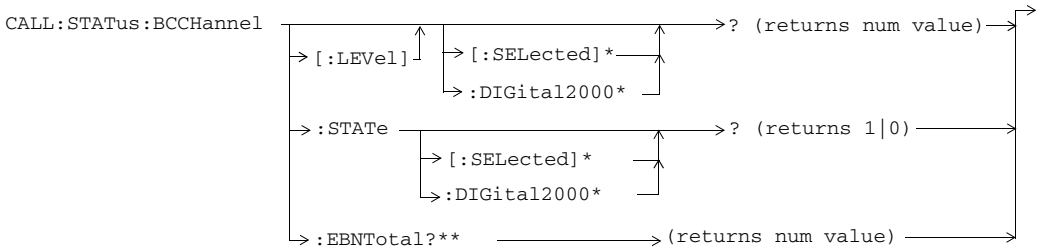
CALL:STATus



* This command is only applicable to the lab application.

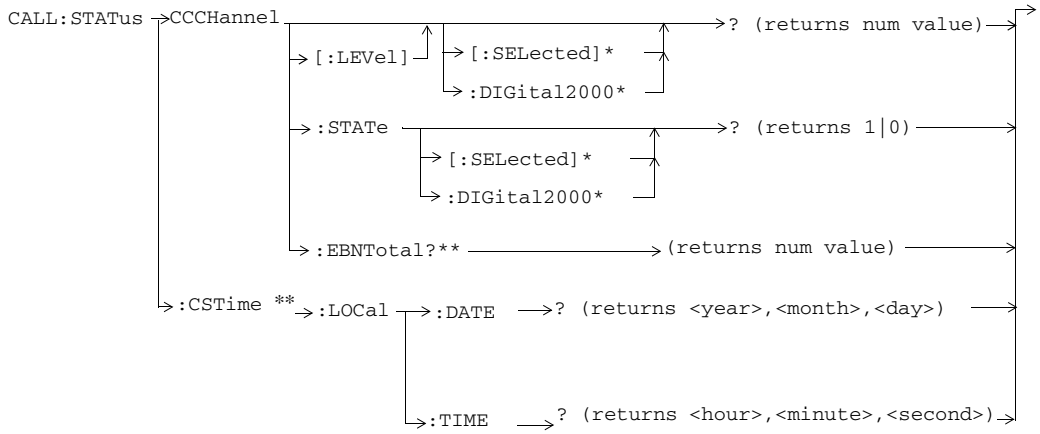
\+ This query return is only applicable to the lab application.

* This command is only applicable to the lab application.

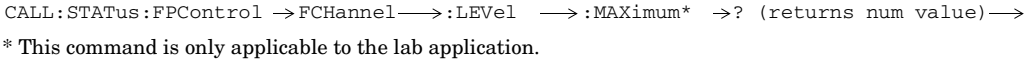


* This command is only applicable to the lab application or feature-licensed test application.

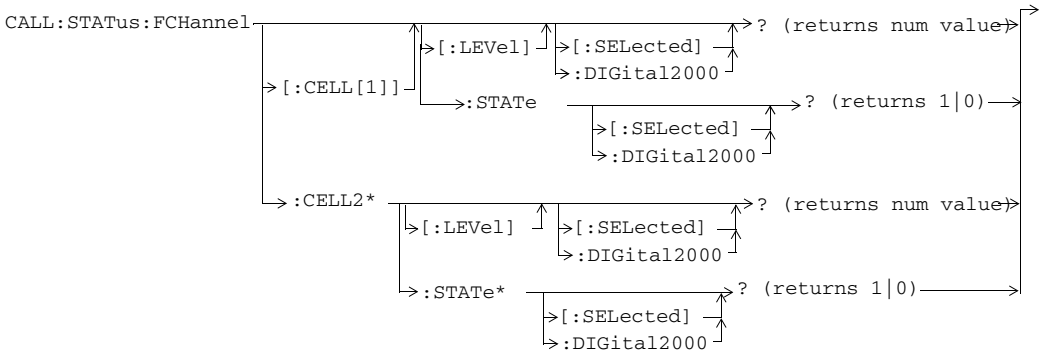
** This command is only applicable to the lab application.



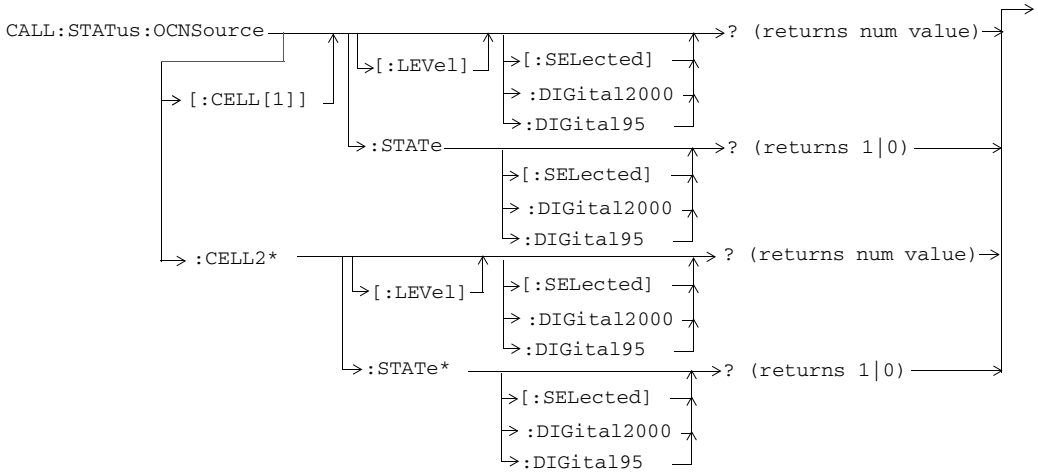
* This command is only applicable to the lab application or feature-licensed test application.



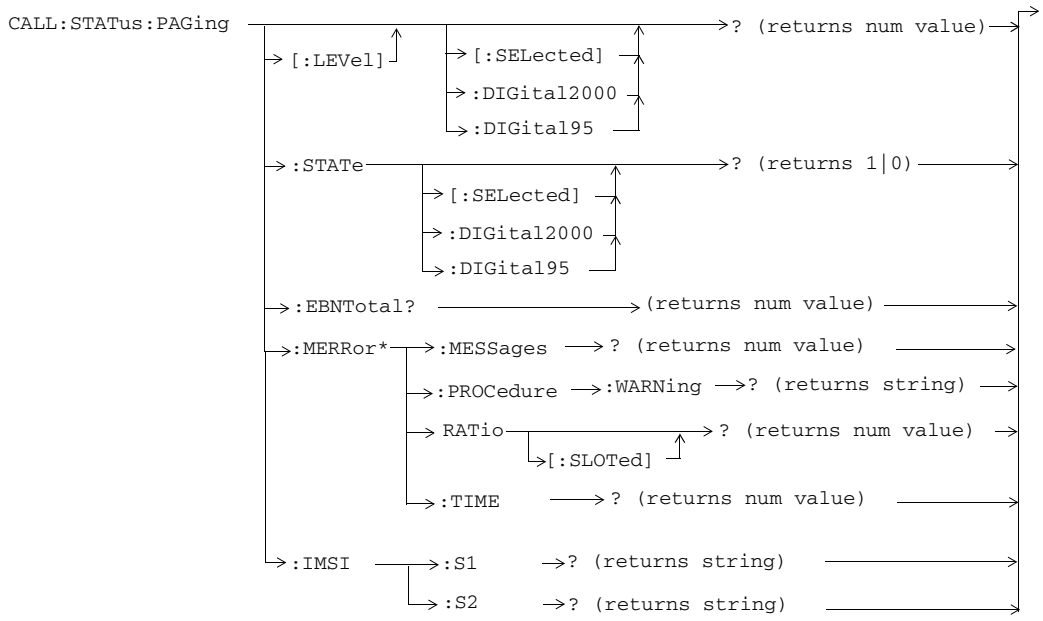
* This command is only applicable to the lab application.



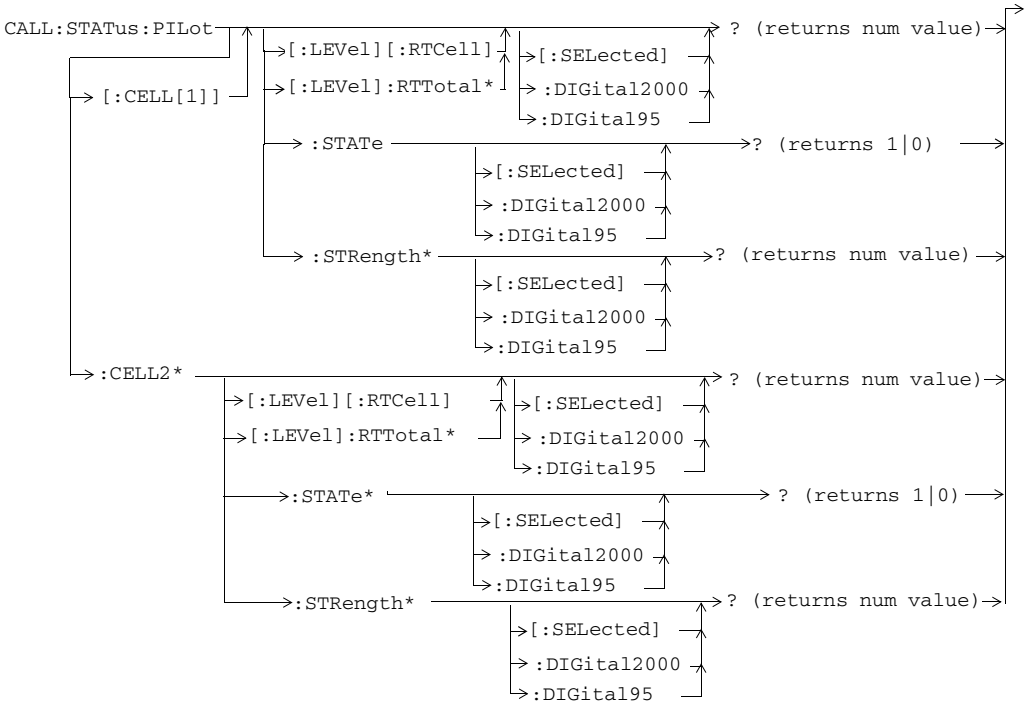
* This command is only applicable to the lab application.



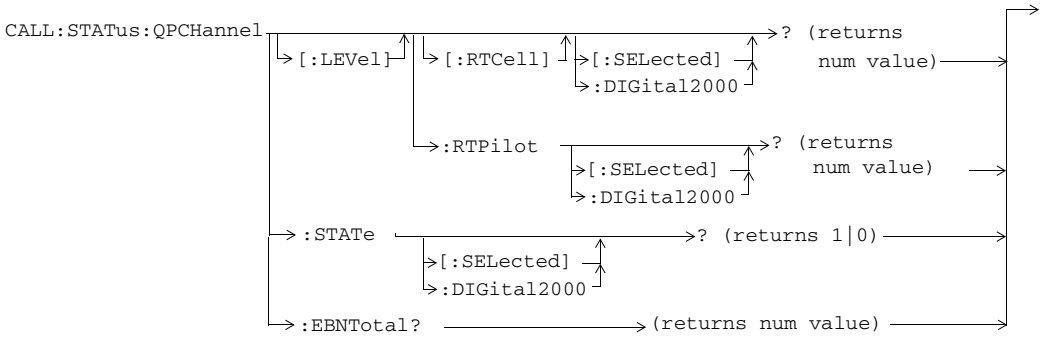
* This command is only applicable to the lab application.

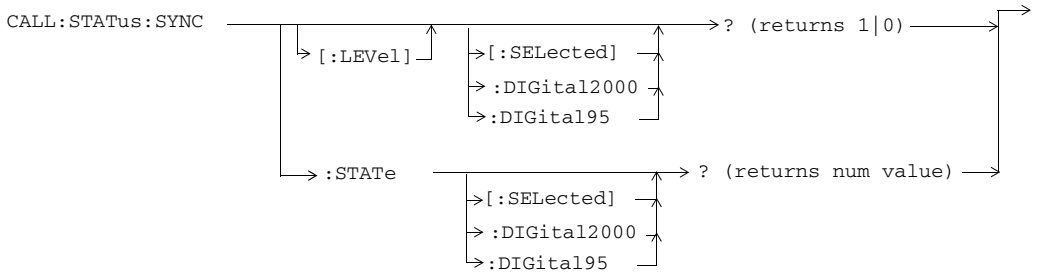


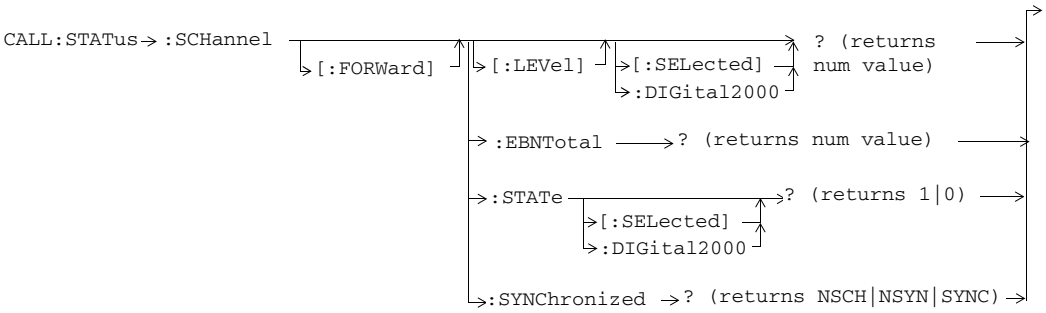
* These commands are only applicable to the lab application.

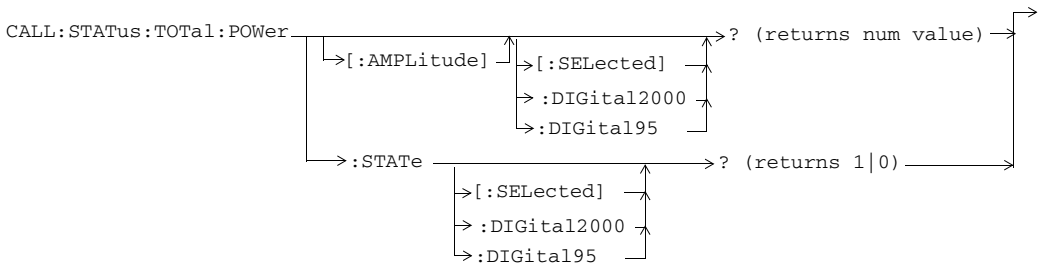


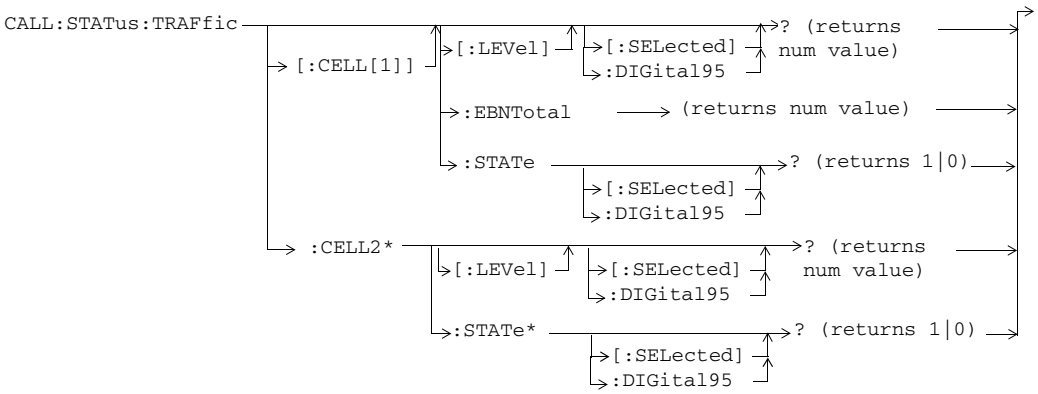
* This command is only applicable to the lab application.




CALL:STATus:SYNC
[:LEVel]
[:SELected]
:DIGital2000
:DIGital95
? (returns 1|0)
:STATe
[:SELected]
:DIGital2000
:DIGital95
? (returns num value)

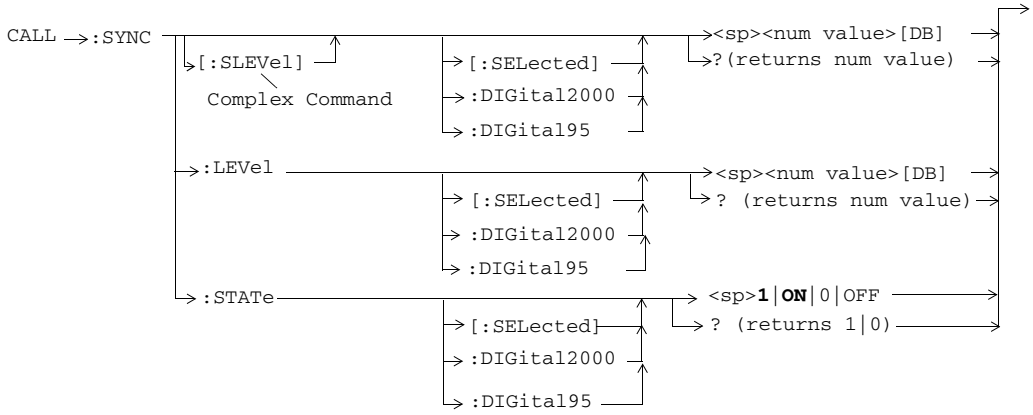

CALL:STATus
:SCHannel
[:FORWard]
[:LEVel]
[:SELected]
:DIGital2000
? (returns num value)
:EBNTotal
? (returns num value)
:STATe
[:SELected]
:DIGital2000
? (returns 1|0)
:SYNChronized
? (returns NSCH|NSYN|SYNC)


CALL:STATus:TOTal:POWer
[:AMPLitude]
[:SELected]
:DIGital2000
:DIGital95
? (returns num value)
:STATe
[:SELected]
:DIGital2000
:DIGital95
? (returns 1|0)

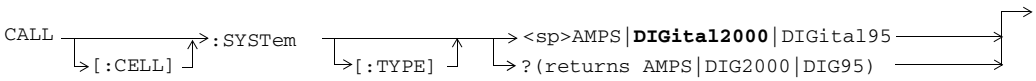


* This command is only applicable to the lab application.

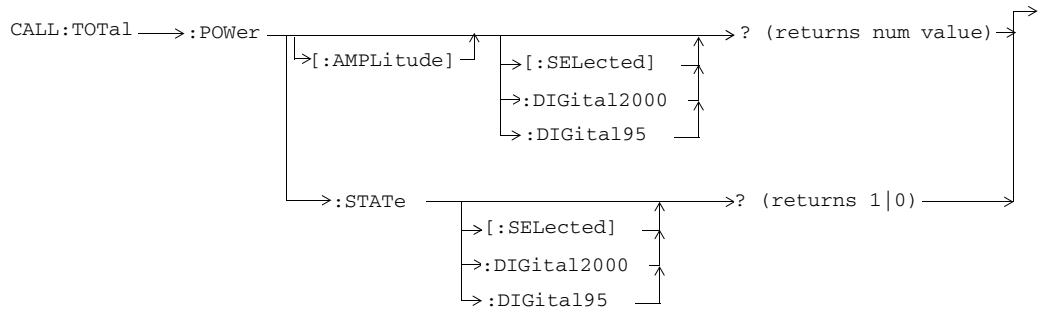
CALL:SYNC



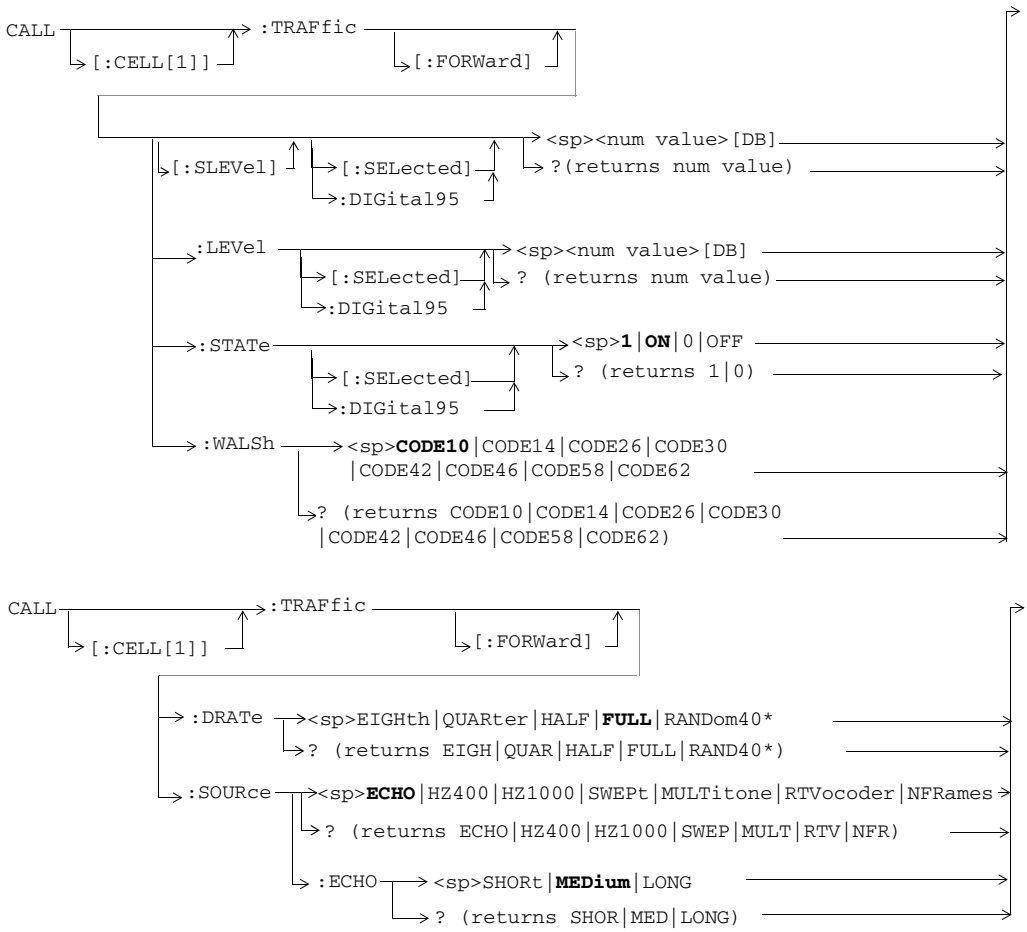
CALL:SYSTem



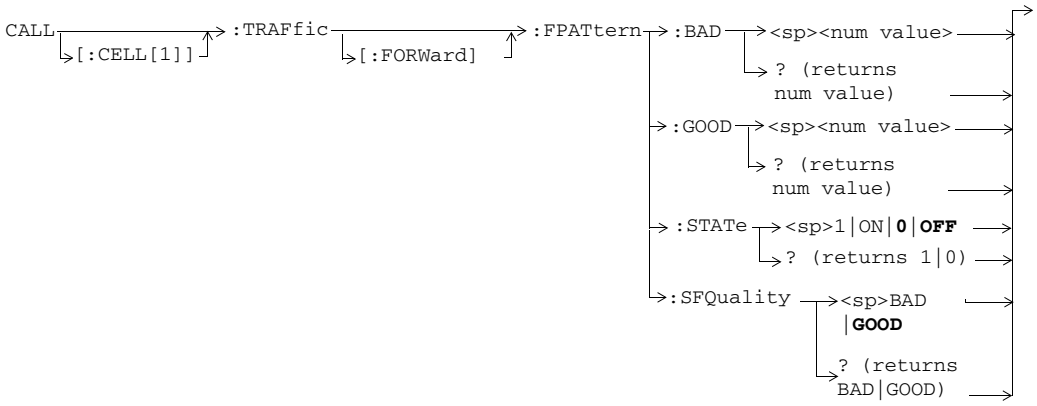
CALL:TOTal:POWer



CALL:TRAFfic

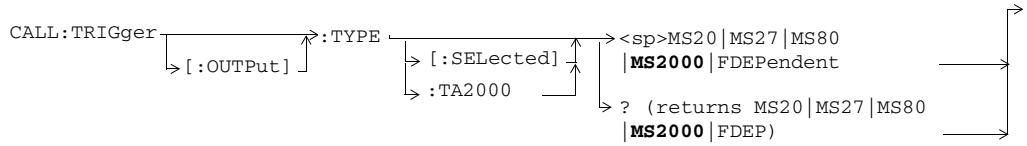


* This setting/query return is only applicable to the lab application.

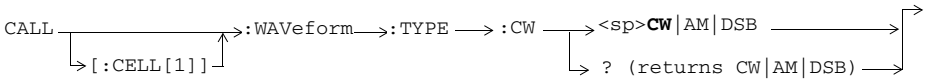


All commands shown in this diagram are only applicable to the lab application.

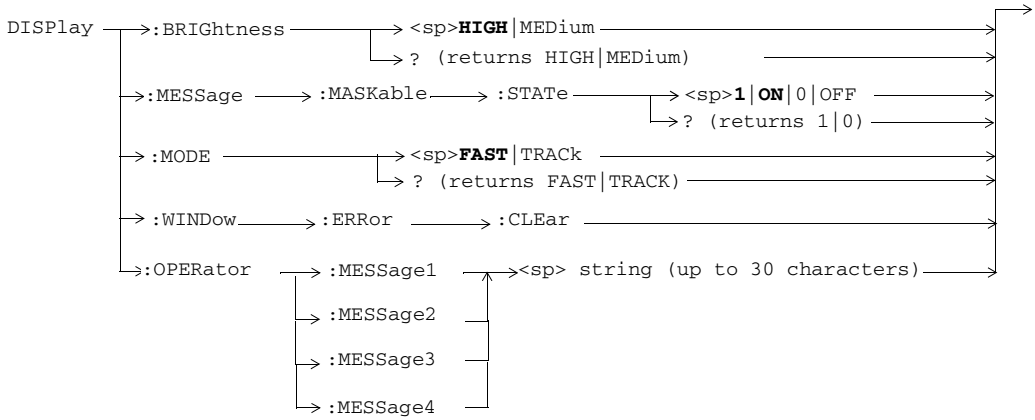
CALL:TRIGger



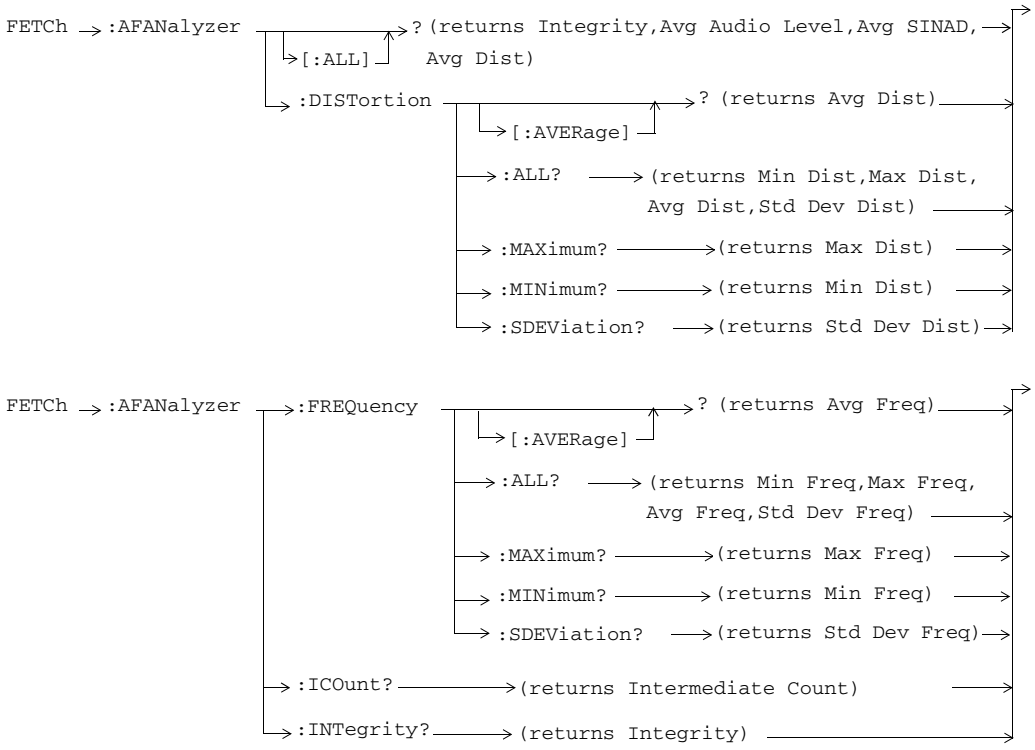
CALL:WAVeform

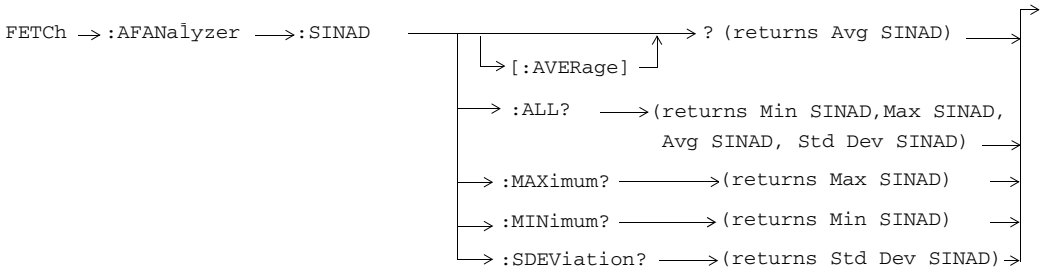


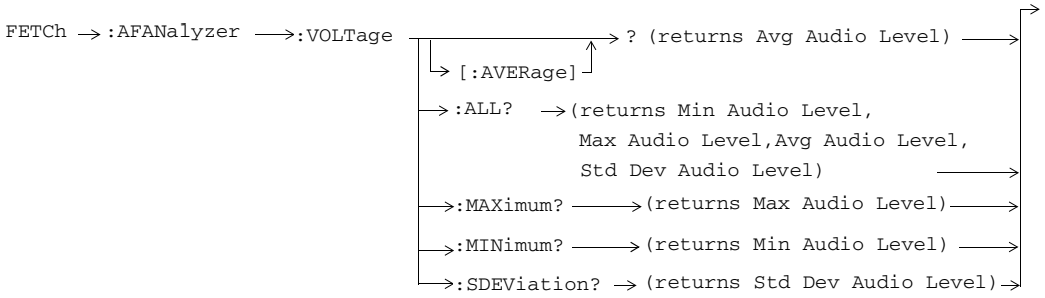
DISPlay


DISPlay
:BRIGhtness
<sp>HIGH|MEDium
? (returns HIGH|MEDium)
:MESSage
:MASKable
:STATe
<sp>1|ON|0|OFF
? (returns 1|0)
:MODE
<sp>FAST|TRACk
? (returns FAST|TRACK)
:WINDow
:ERRor
:CLEar
:OPERator
:MESSage1
:MESSage2
:MESSage3
:MESSage4
<sp> string (up to 30 characters)

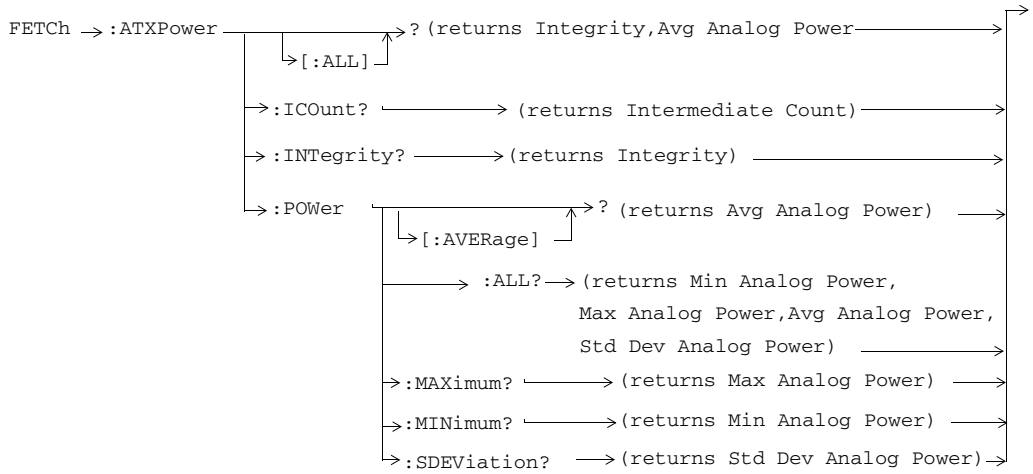
FETCh:AFANalyzer



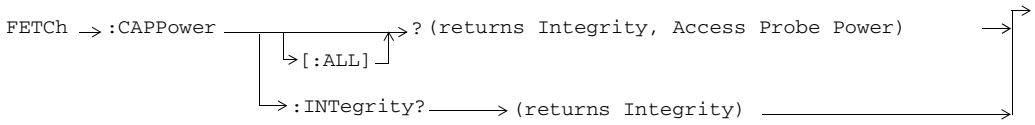

FETCh
:AFANalyzer
:SINAD
? (returns Avg SINAD)
[:AVERage]
:ALL?
(returns Min SINAD,Max SINAD,
Avg SINAD, Std Dev SINAD)
:MAXimum?
(returns Max SINAD)
:MINimum?
(returns Min SINAD)
:SDEViation?
(returns Std Dev SINAD)


FETCh
:AFANalyzer
:VOLTage
? (returns Avg Audio Level)
[:AVERage]
:ALL?
(returns Min Audio Level,
Max Audio Level,Avg Audio Level,
Std Dev Audio Level)
:MAXimum?
(returns Max Audio Level)
:MINimum?
(returns Min Audio Level)
:SDEViation?
(returns Std Dev Audio Level)

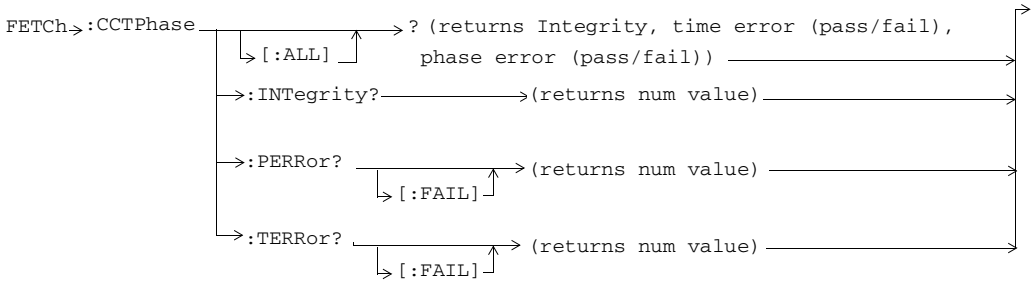
FETCh:ATXPower

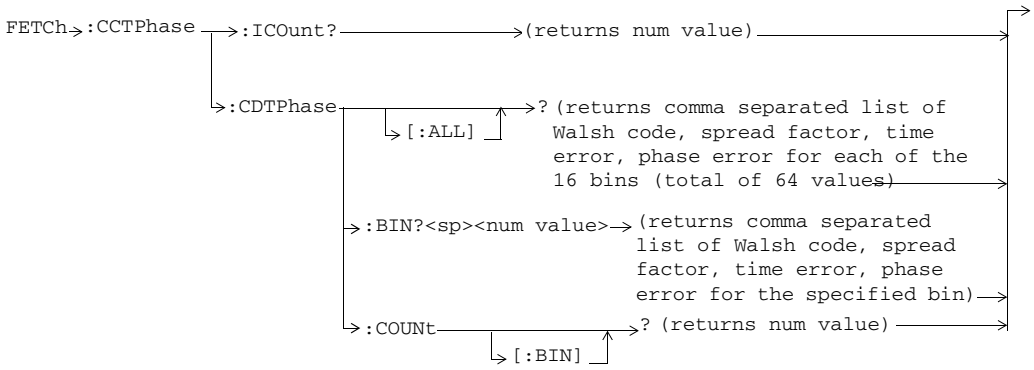


FETCh:CAPPower

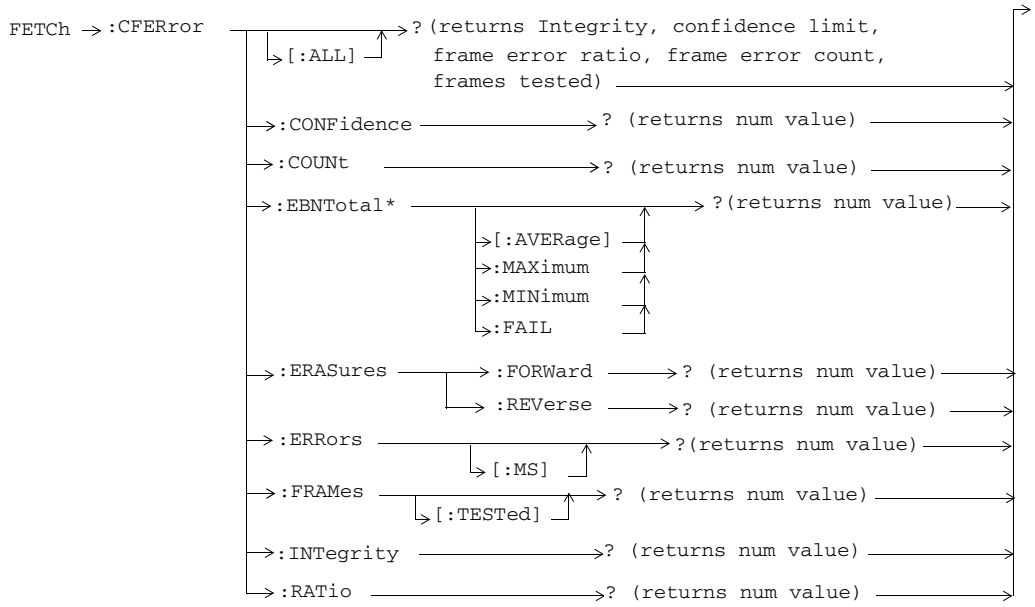


FETCh:CCTPhase



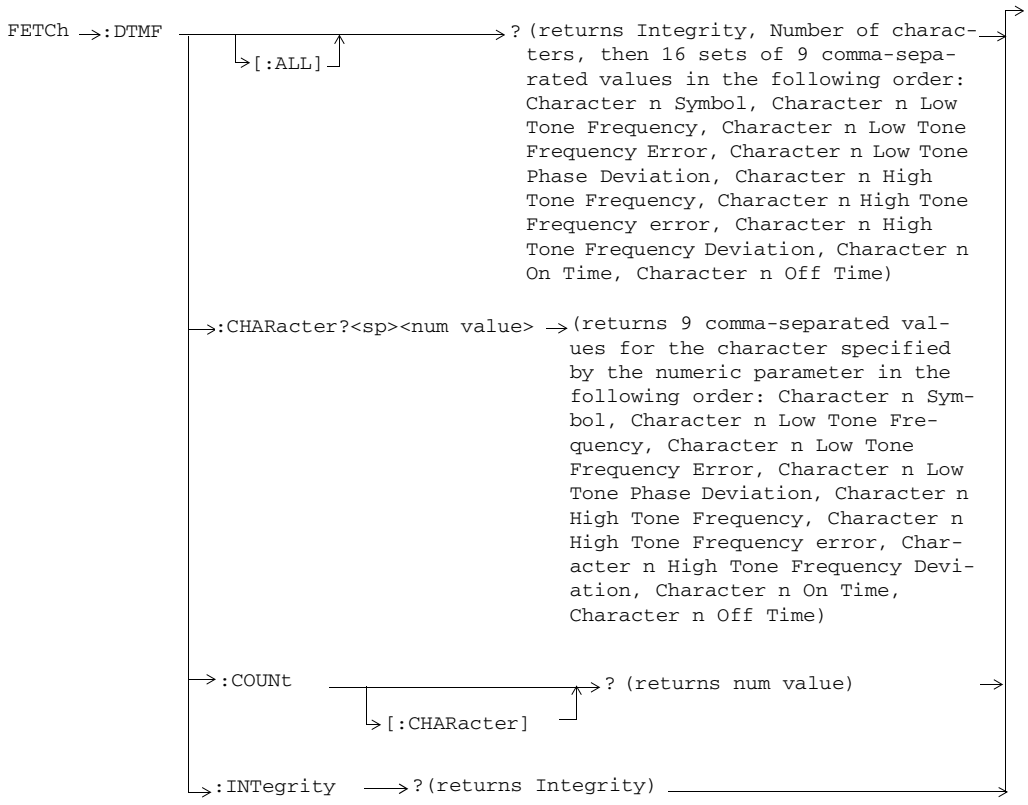


FETCh:CFERror

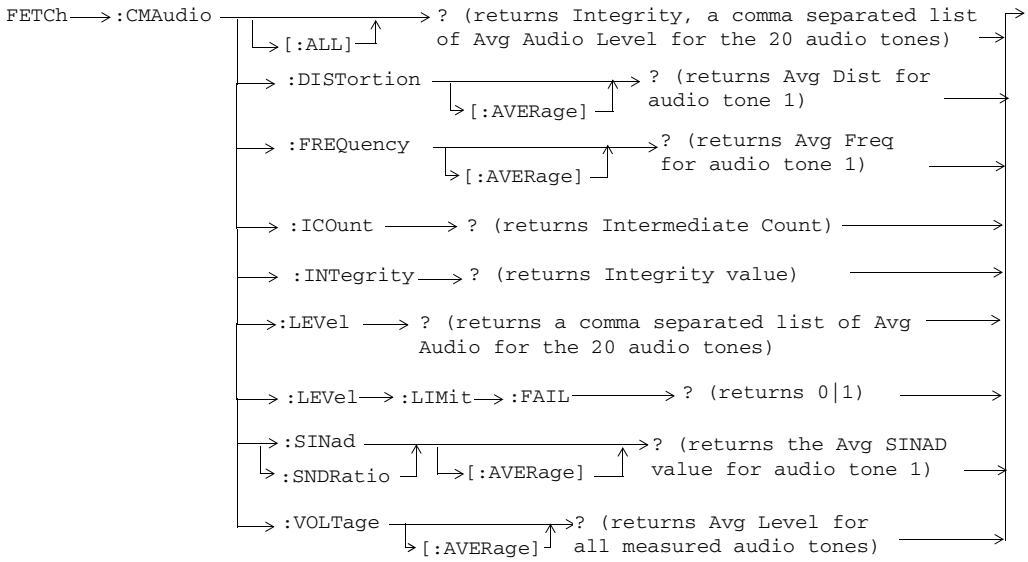


* These commands are only applicable to the lab application.

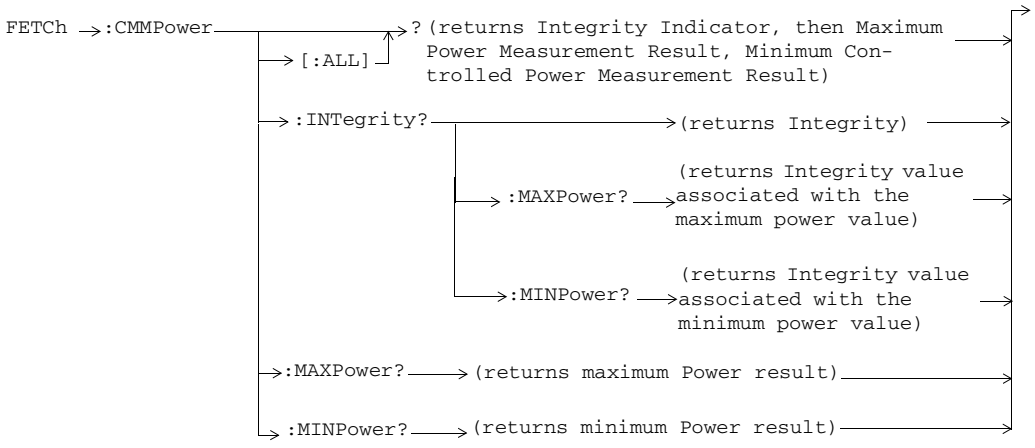
FETCh:DTMF


FETCh
:DTMF
[:ALL]
?(returns Integrity, Number of characters, then 16 sets of 9 comma-separated values in the following order: Character n Symbol, Character n Low Tone Frequency, Character n Low Tone Frequency Error, Character n Low Tone Phase Deviation, Character n High Tone Frequency, Character n High Tone Frequency error, Character n High Tone Frequency Deviation, Character n On Time, Character n Off Time)
:CHARacter?<sp><num value>
(returns 9 comma-separated values for the character specified by the numeric parameter in the following order: Character n Symbol, Character n Low Tone Frequency, Character n Low Tone Frequency Error, Character n Low Tone Phase Deviation, Character n High Tone Frequency, Character n High Tone Frequency error, Character n High Tone Frequency Deviation, Character n On Time, Character n Off Time)
:COUNt
[:CHARacter]
? (returns num value)
:INTegrity
?(returns Integrity)

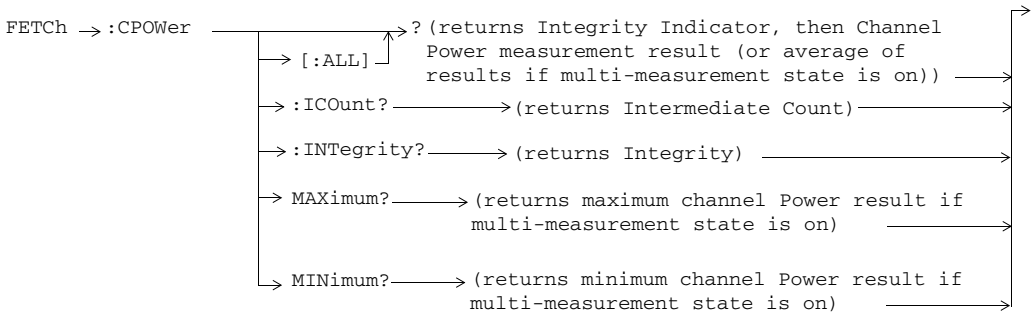
FETCh:CMAudio



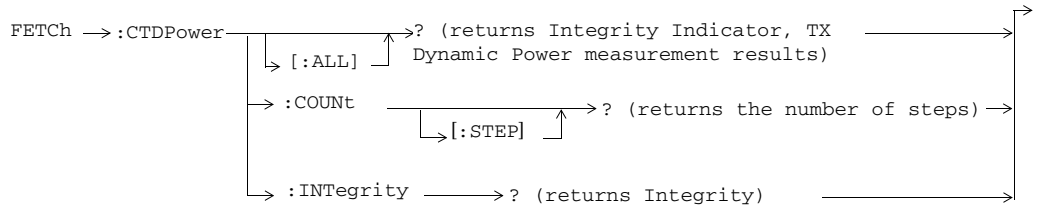
FETCh:CMMPower



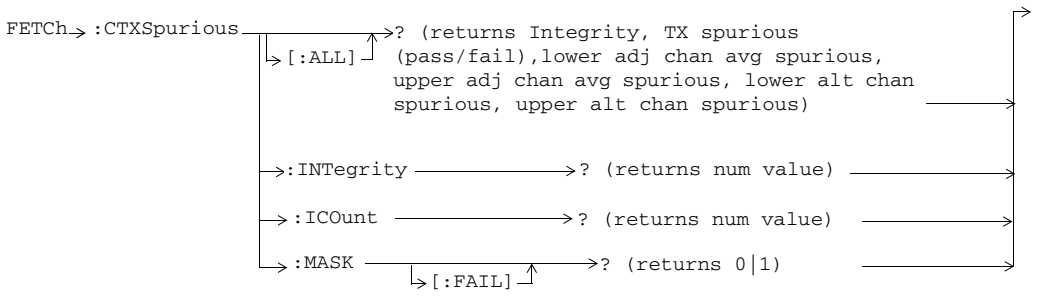
FETCh:CPOWer



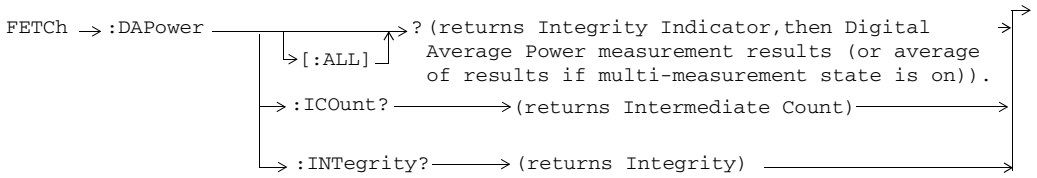
FETCh:CTDPower



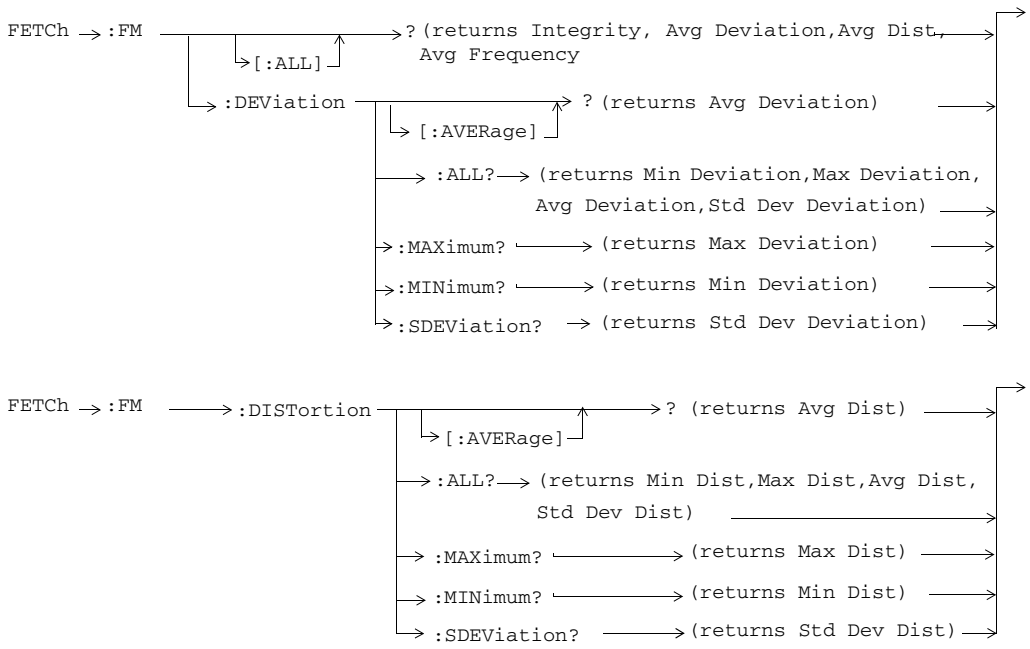
FETCh:CTXSpurious

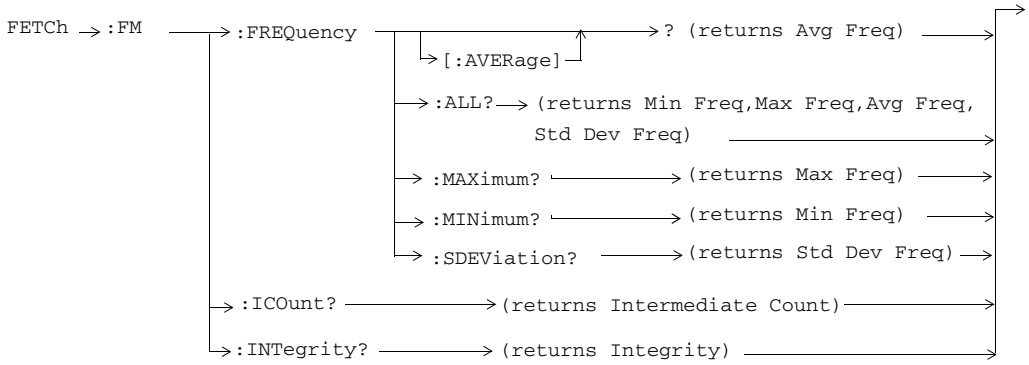


FETCh:DAPower

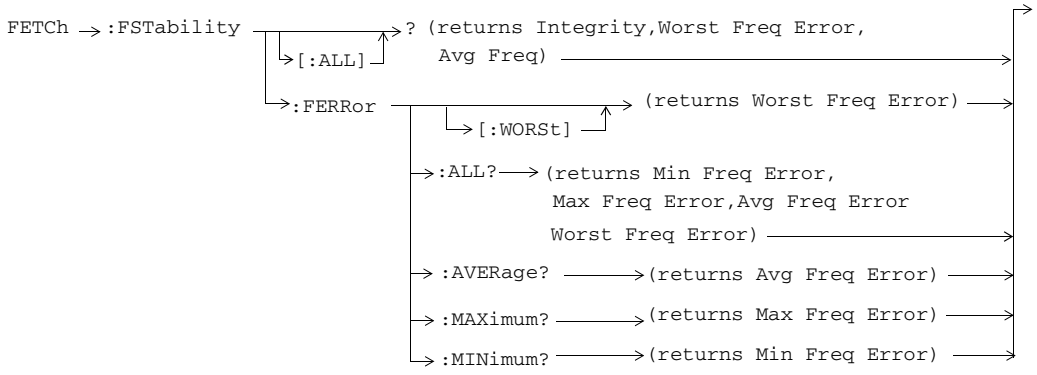


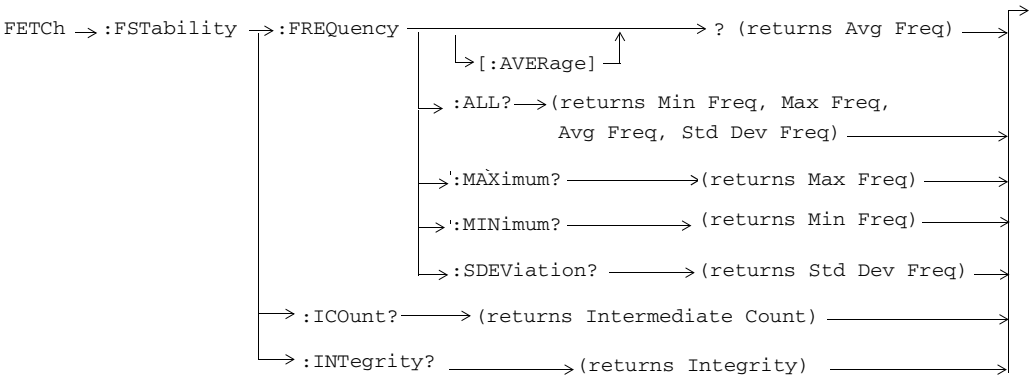
FETCh:FM


FETCh
:FM
[:ALL]
? (returns Integrity, Avg Deviation,Avg Dist,
Avg Frequency
:DEViation
[:AVERage]
? (returns Avg Deviation)
:ALL?
(returns Min Deviation,Max Deviation,
Avg Deviation,Std Dev Deviation)
:MAXimum?
(returns Max Deviation)
:MINimum?
(returns Min Deviation)
:SDEViation?
(returns Std Dev Deviation)
FETCh
:FM
:DISTortion
[:AVERage]
? (returns Avg Dist)
:ALL?
(returns Min Dist,Max Dist,Avg Dist,
Std Dev Dist)
:MAXimum?
(returns Max Dist)
:MINimum?
(returns Min Dist)
:SDEViation?
(returns Std Dev Dist)

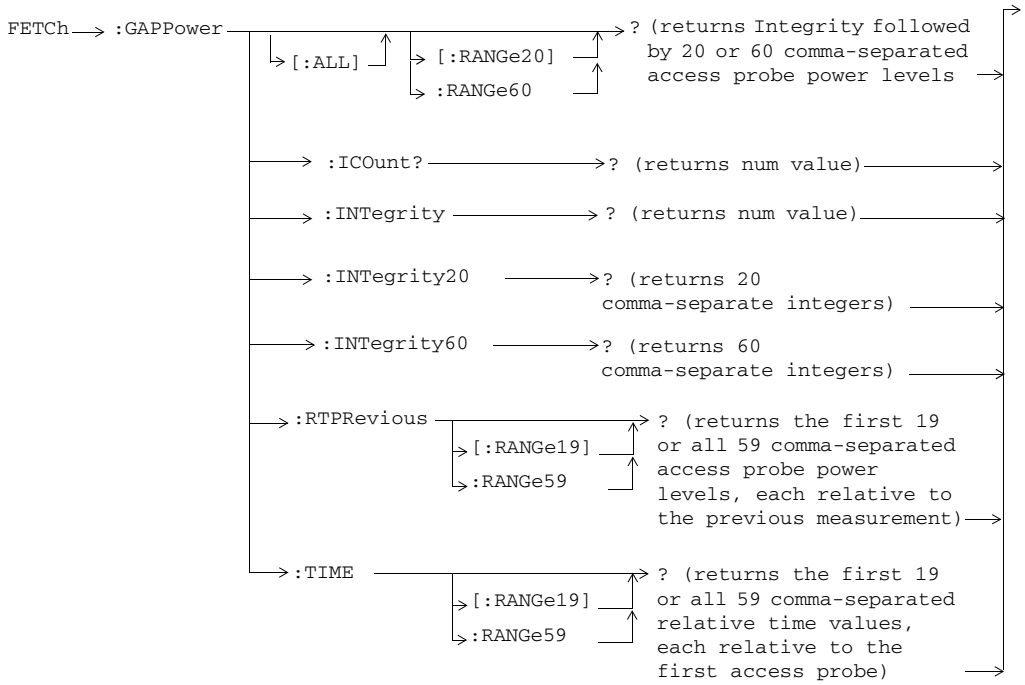

FETCh
:FM
:FREQuency
[:AVERage]
? (returns Avg Freq)
:ALL?
(returns Min Freq,Max Freq,Avg Freq,
Std Dev Freq)
:MAXimum?
(returns Max Freq)
:MINimum?
(returns Min Freq)
:SDEViation?
(returns Std Dev Freq)
:ICOunt?
(returns Intermediate Count)
:INTegrity?
(returns Integrity)

FETCh:FSTability



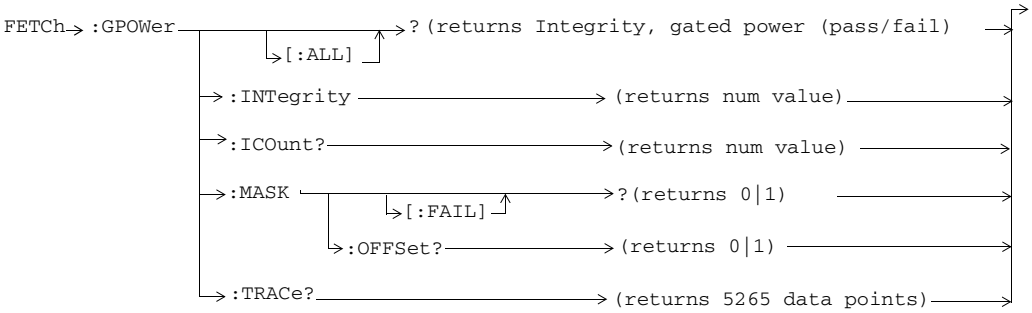


FETCh:GAPPower?

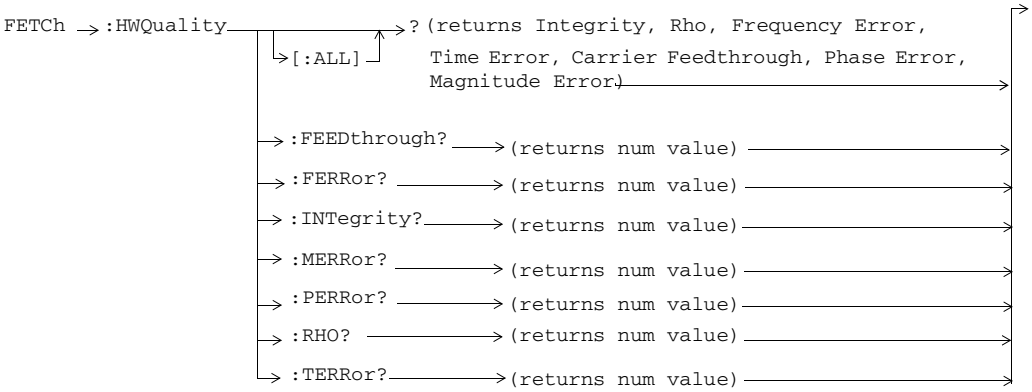


All commands shown in this diagram are only applicable to the lab application.

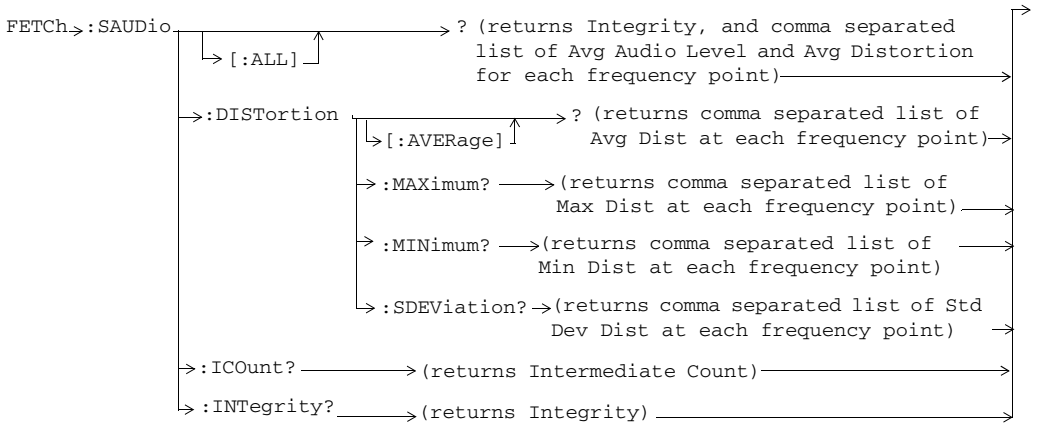
FETCh:GPOWer

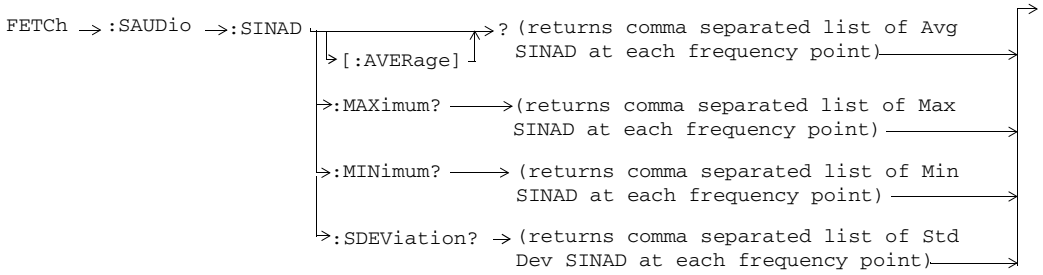


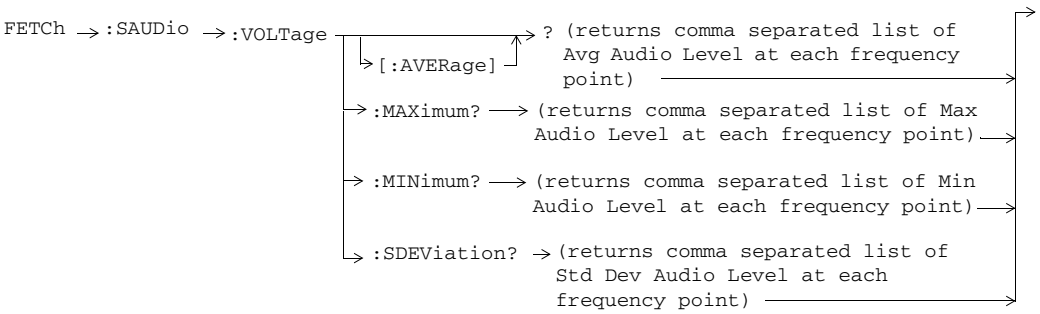
FETCh:HWQuality



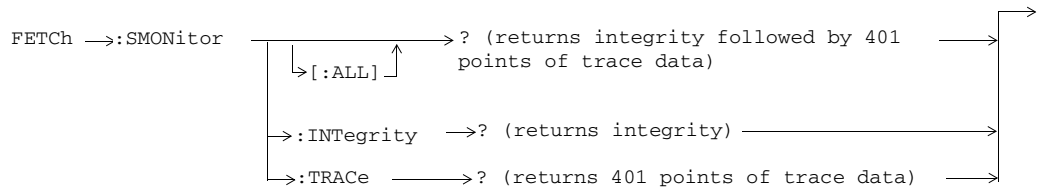
FETCh:SAUDio



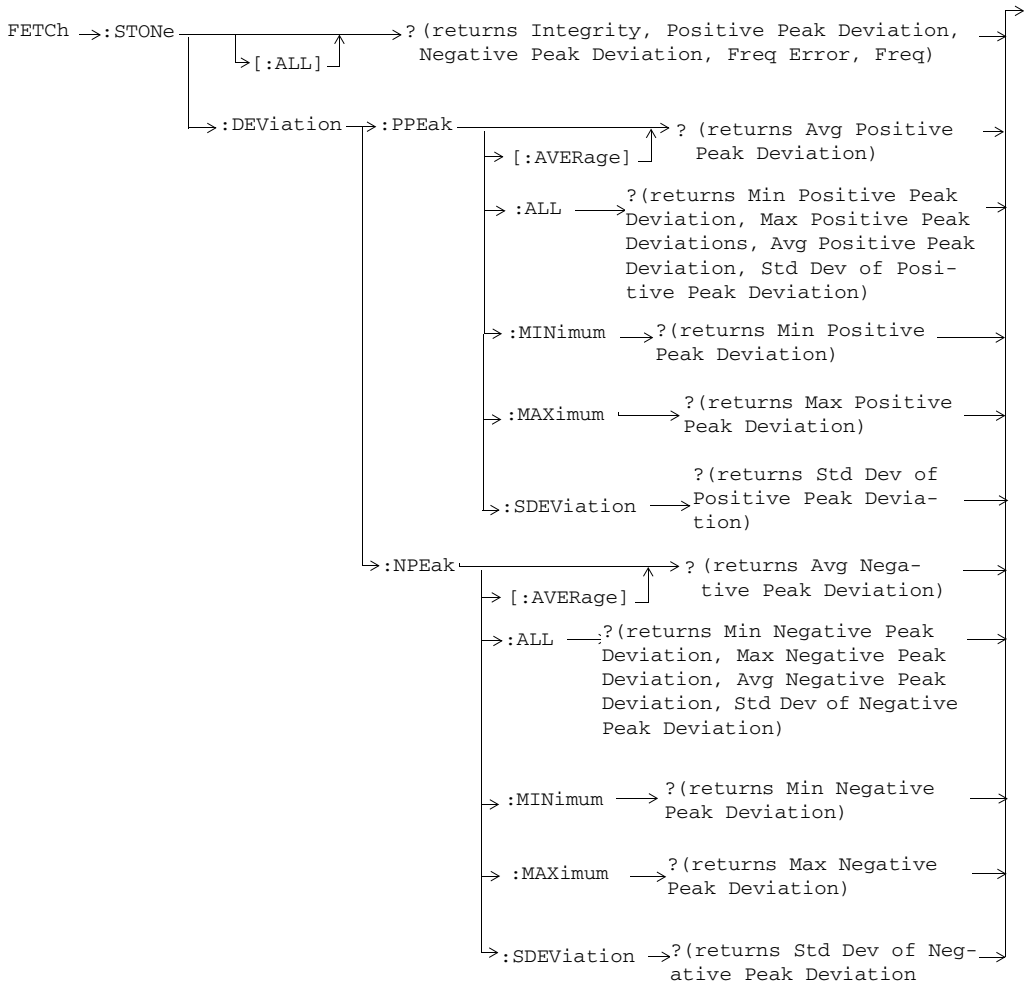


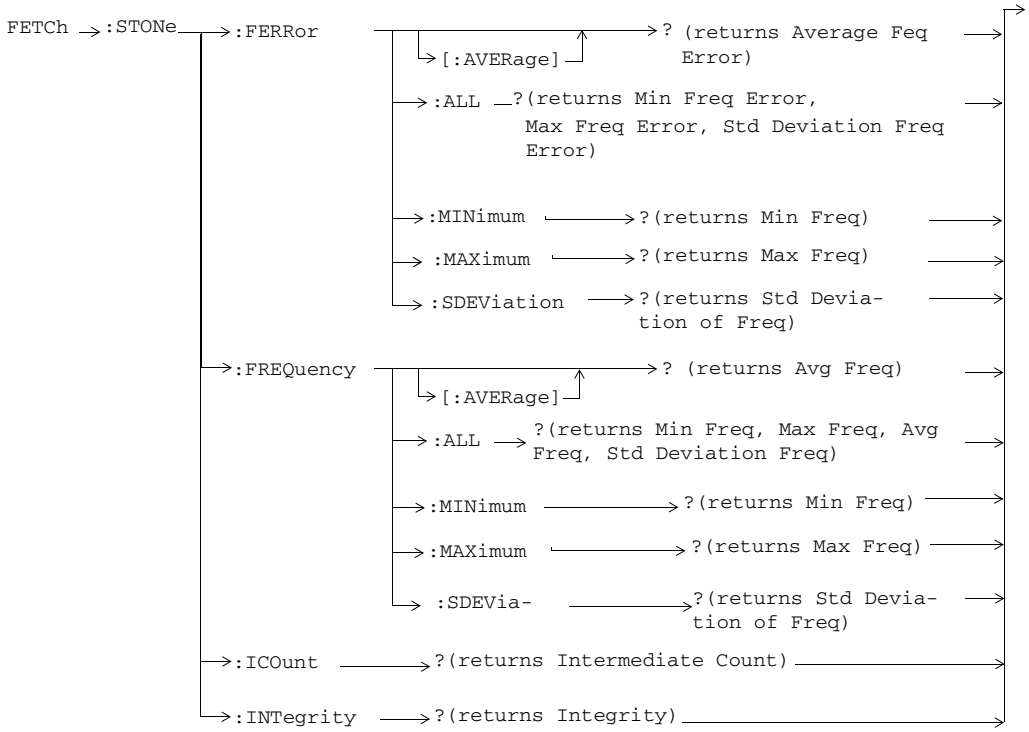

FETCh
:SAUDio
:VOLTage
[:AVERage]
? (returns comma separated list of Avg Audio Level at each frequency point)
:MAXimum?
(returns comma separated list of Max Audio Level at each frequency point)
:MINimum?
(returns comma separated list of Min Audio Level at each frequency point)
:SDEViation?
(returns comma separated list of Std Dev Audio Level at each frequency point)

FETCh:SMONitor

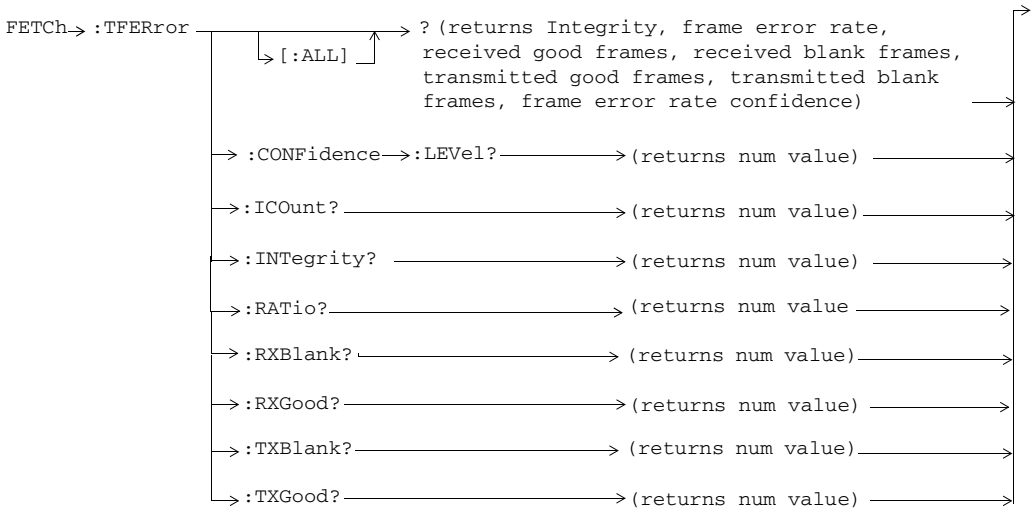


FETCh:STONe

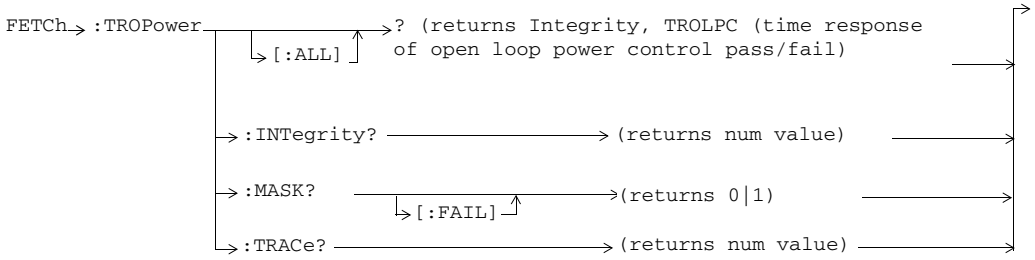

FETCh
:STONe
[:ALL]
?(returns Integrity, Positive Peak Deviation, Negative Peak Deviation, Freq Error, Freq)
:DEViation
:PPEak
[:AVERage]
?(returns Avg Positive Peak Deviation)
:ALL
?(returns Min Positive Peak Deviation, Max Positive Peak Deviations, Avg Positive Peak Deviation, Std Dev of Positive Peak Deviation)
:MINimum
?(returns Min Positive Peak Deviation)
:MAXimum
?(returns Max Positive Peak Deviation)
:SDEViation
?(returns Std Dev of Positive Peak Deviation)
:NPEak
[:AVERage]
?(returns Avg Negative Peak Deviation)
:ALL
?(returns Min Negative Peak Deviation, Max Negative Peak Deviation, Avg Negative Peak Deviation, Std Dev of Negative Peak Deviation)
:MINimum
?(returns Min Negative Peak Deviation)
:MAXimum
?(returns Max Negative Peak Deviation)
:SDEViation
?(returns Std Dev of Negative Peak Deviation


FETCh
:STONe
:FERRor
[:AVERage]
? (returns Average Feq Error)
:ALL
?(returns Min Freq Error, Max Freq Error, Std Deviation Freq Error)
:MINimum
?(returns Min Freq)
:MAXimum
?(returns Max Freq)
:SDEViation
?(returns Std Deviation of Freq)
:FREQuency
[:AVERage]
? (returns Avg Freq)
:ALL
?(returns Min Freq, Max Freq, Avg Freq, Std Deviation Freq)
:MINimum
?(returns Min Freq)
:MAXimum
?(returns Max Freq)
:SDEVia-
?(returns Std Deviation of Freq)
:ICOunt
?(returns Intermediate Count)
:INTegrity
?(returns Integrity)

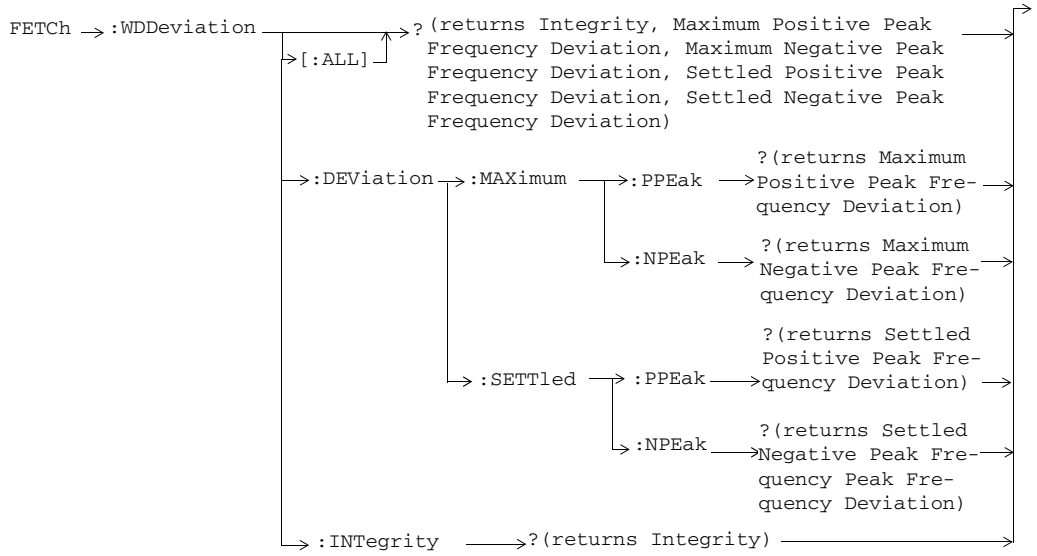
FETCh:TFERror



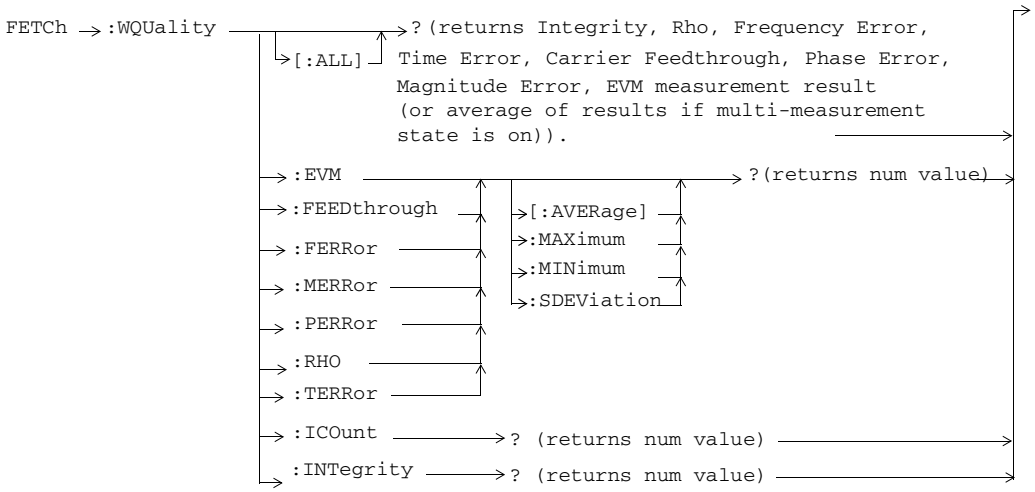
FETCh:TROPower

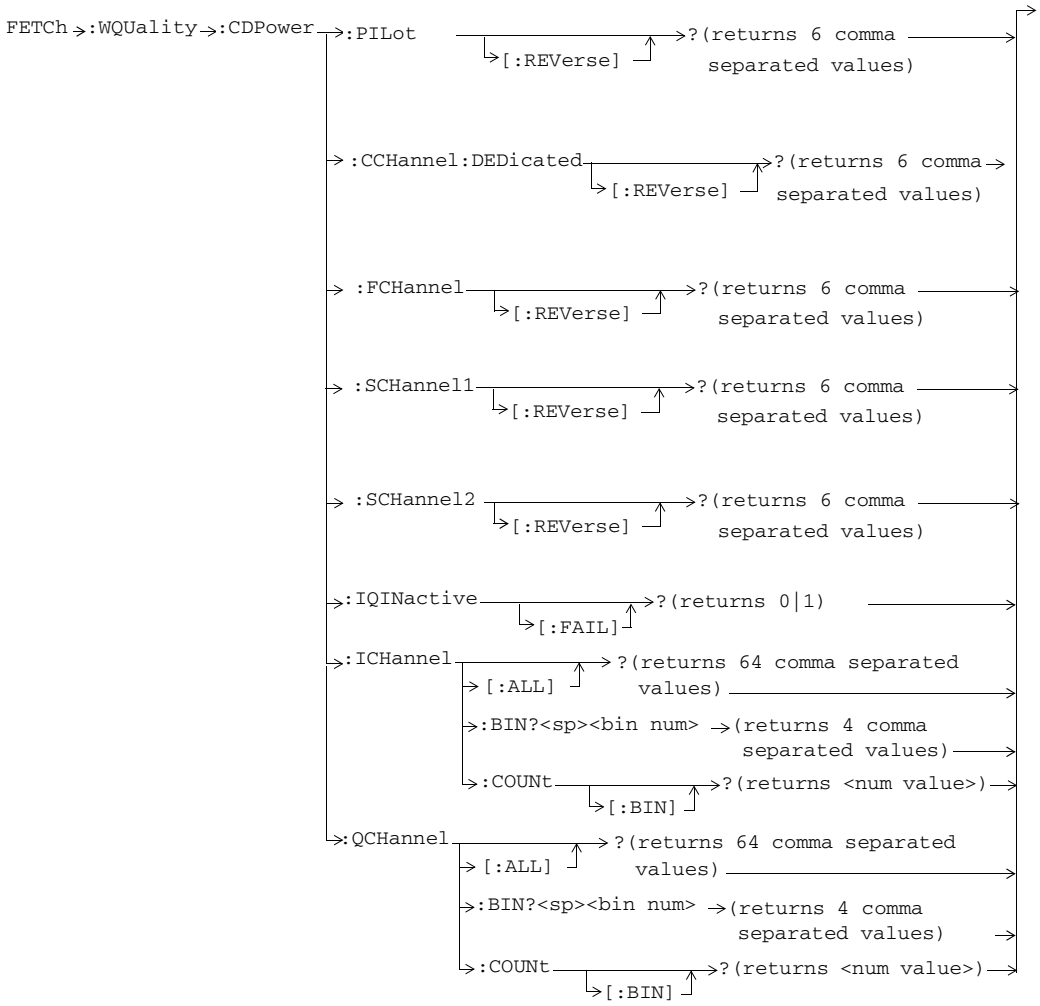


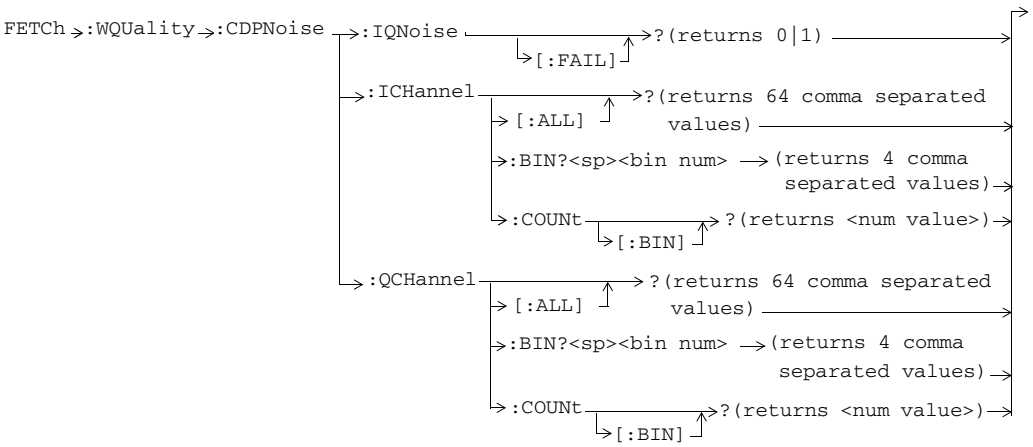
FETCh:WDDeviation



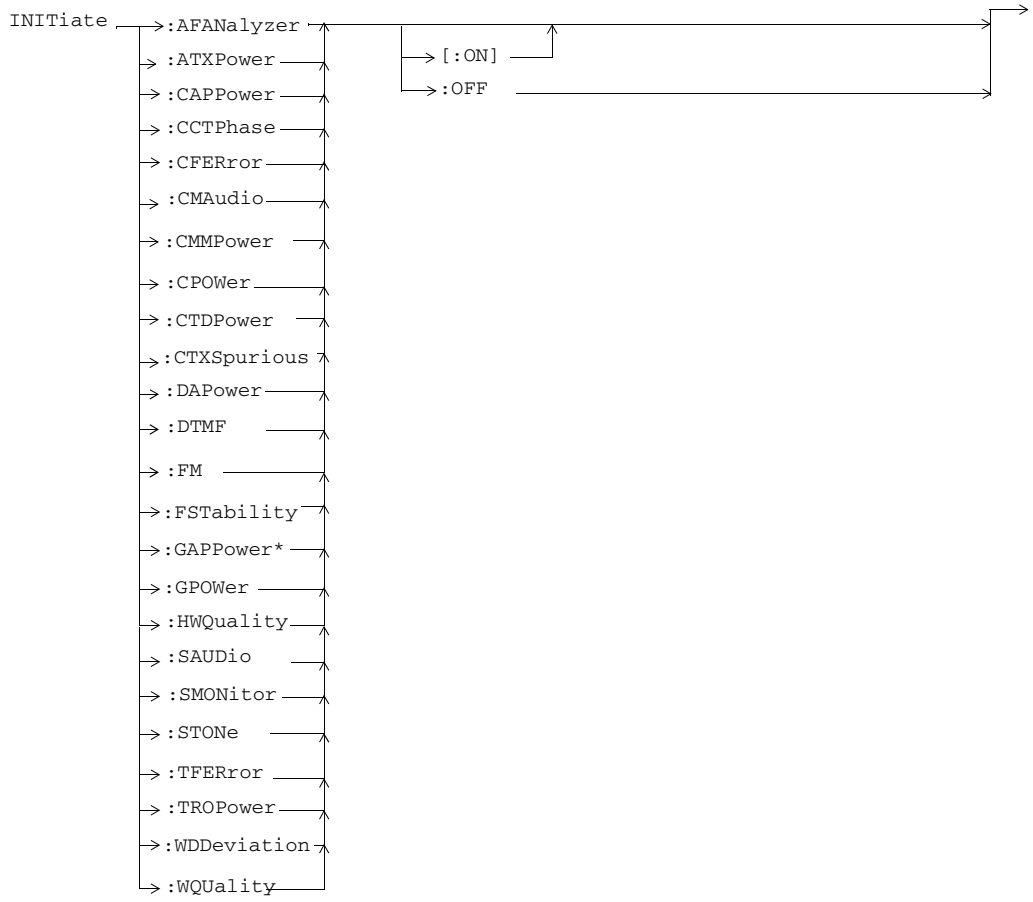
FETCh:WQUality



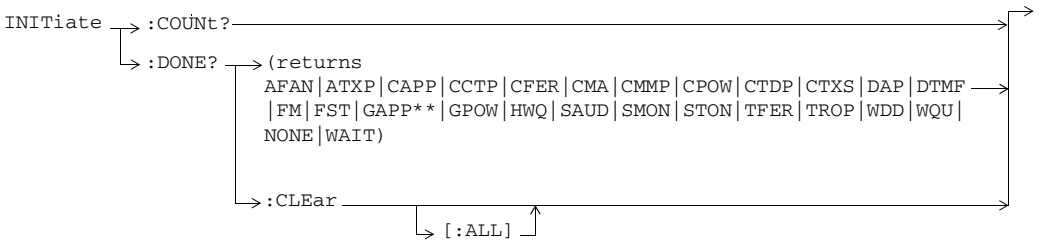

FETCh
:WQUality
:CDPower
:PILot
[:REVerse]
?(returns 6 comma separated values)
:CCHannel:DEDicated
[:REVerse]
?(returns 6 comma separated values)
:FCHannel
[:REVerse]
?(returns 6 comma separated values)
:SCHannel1
[:REVerse]
?(returns 6 comma separated values)
:SCHannel2
[:REVerse]
?(returns 6 comma separated values)
:IQINactive
[:FAIL]
?(returns 0|1)
:ICHannel
[:ALL]
?(returns 64 comma separated values)
:BIN?<sp><bin num>
(returns 4 comma separated values)
:COUNt
[:BIN]
?(returns <num value>)
:QCHannel
[:ALL]
?(returns 64 comma separated values)
:BIN?<sp><bin num>
(returns 4 comma separated values)
:COUNt
[:BIN]
?(returns <num value>)


FETCh
:WQUality
:CDPNoise
:IQNoise
[:FAIL]
?(returns 0|1)
:ICHannel
[:ALL]
?(returns 64 comma separated values)
:BIN?<sp><bin num>
(returns 4 comma separated values)
:COUNt
[:BIN]
?(returns <num value>)
:QCHannel
[:ALL]
?(returns 64 comma separated values)
:BIN?<sp><bin num>
(returns 4 comma separated values)
:COUNt
[:BIN]
?(returns <num value>)

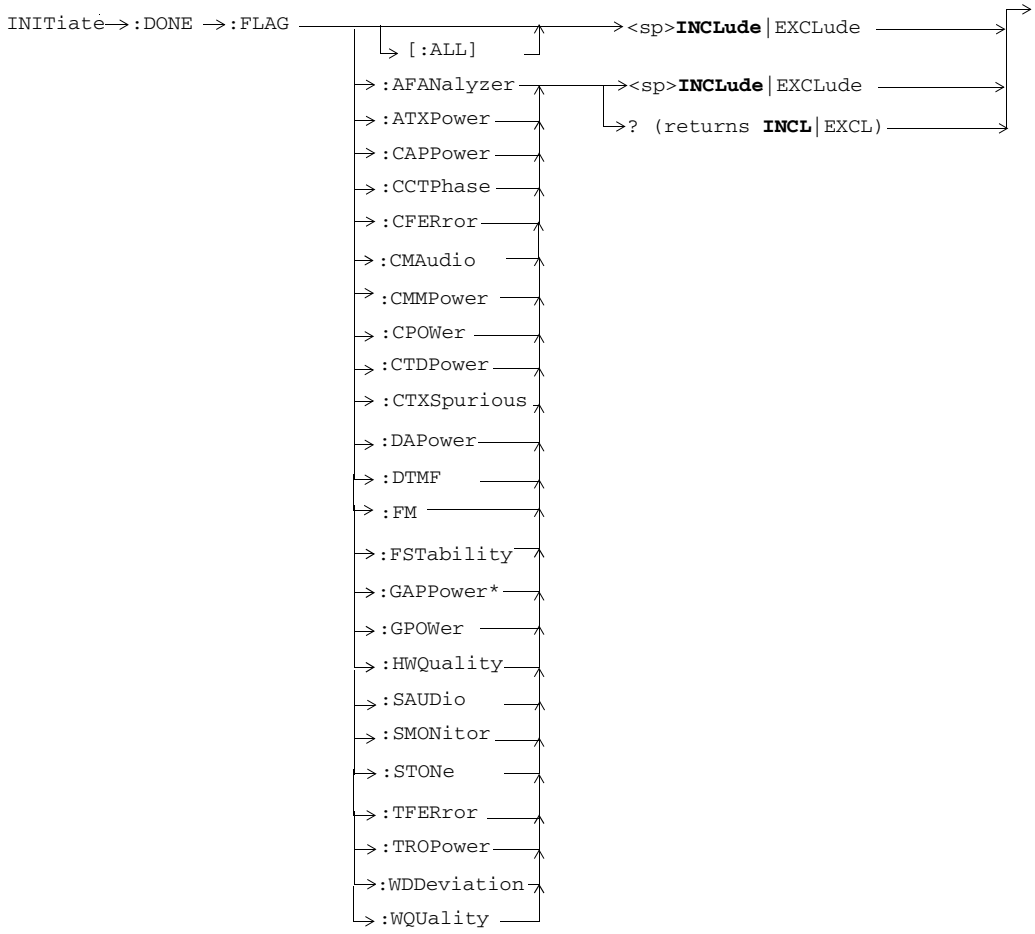
INITiate



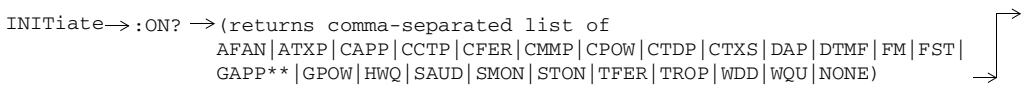
* This command is only applicable to the lab application.



** This query return is only applicable to the lab application.

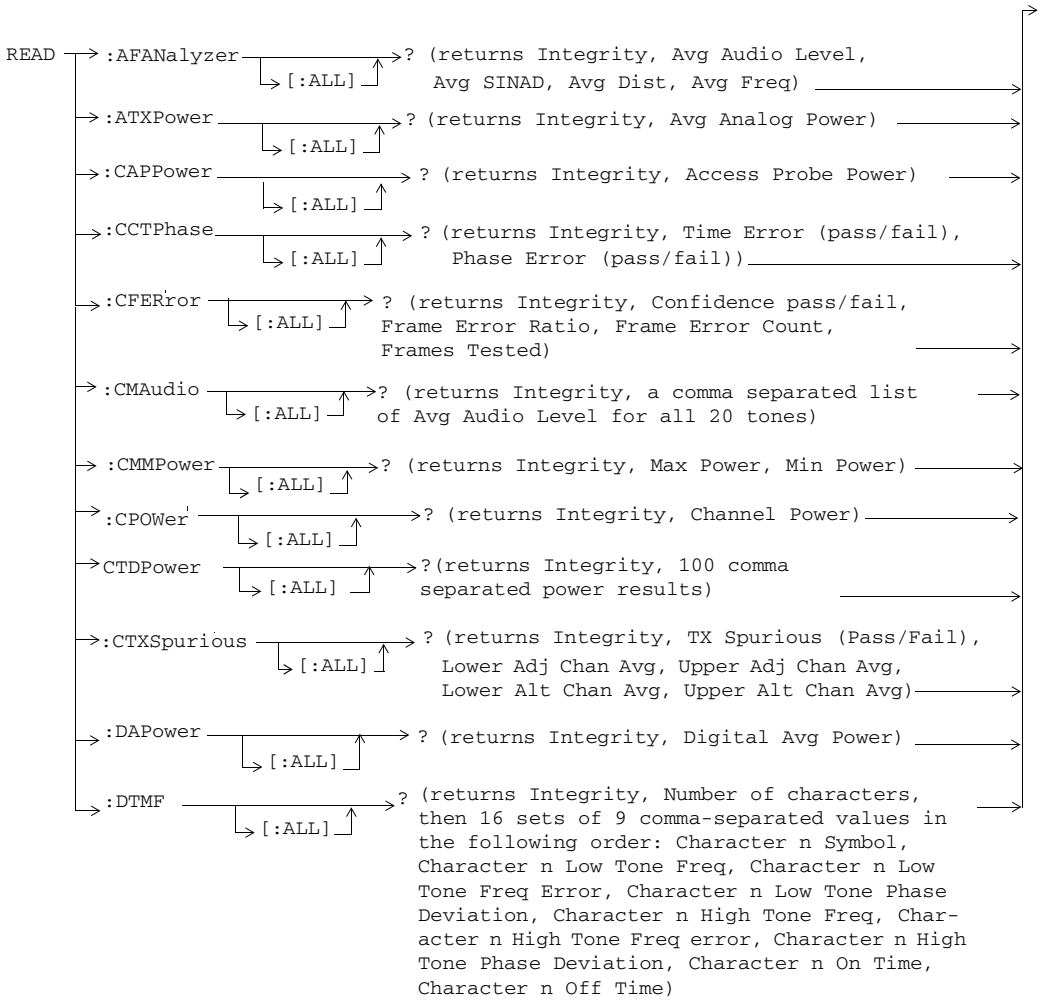


* This command is only applicable to the lab application.

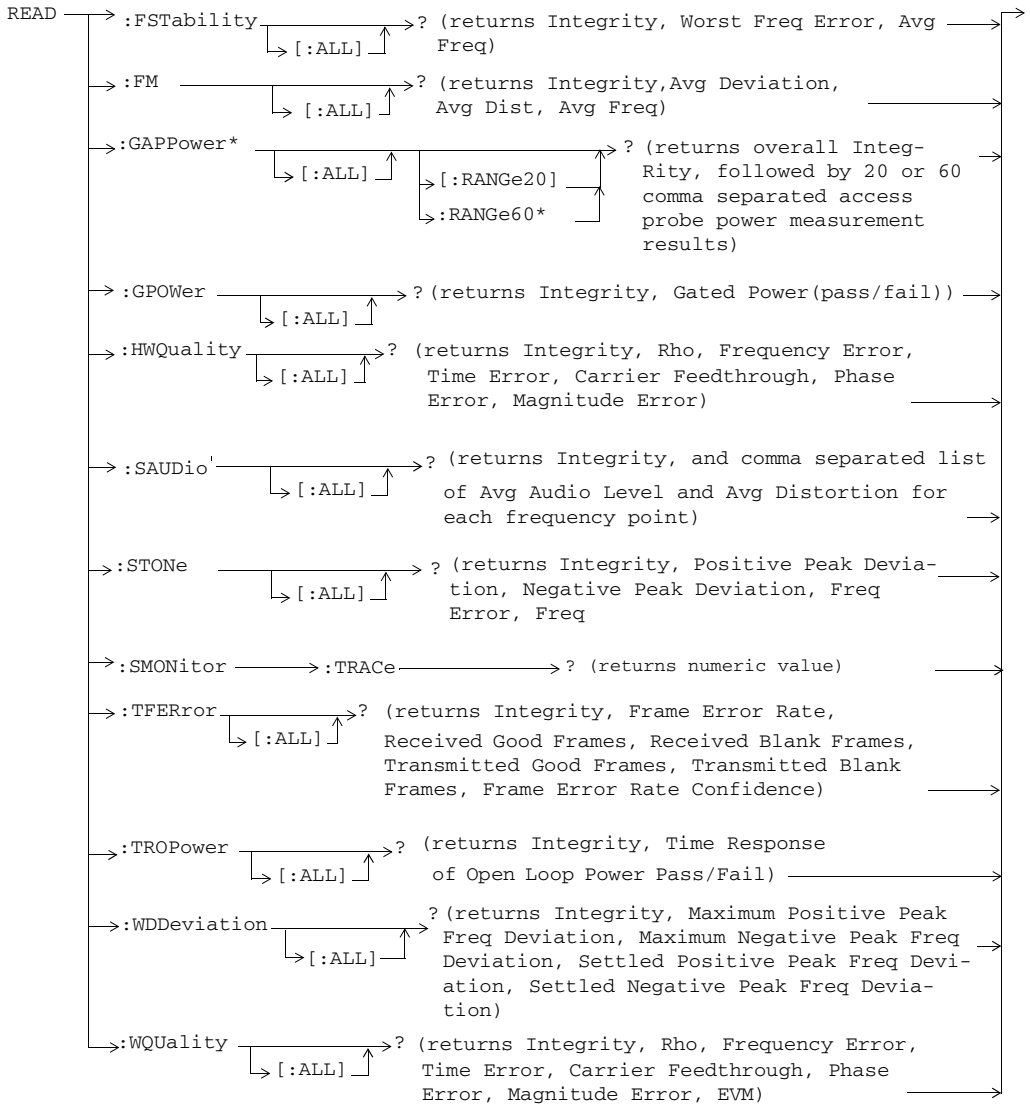


** This query return is only applicable to the lab application.

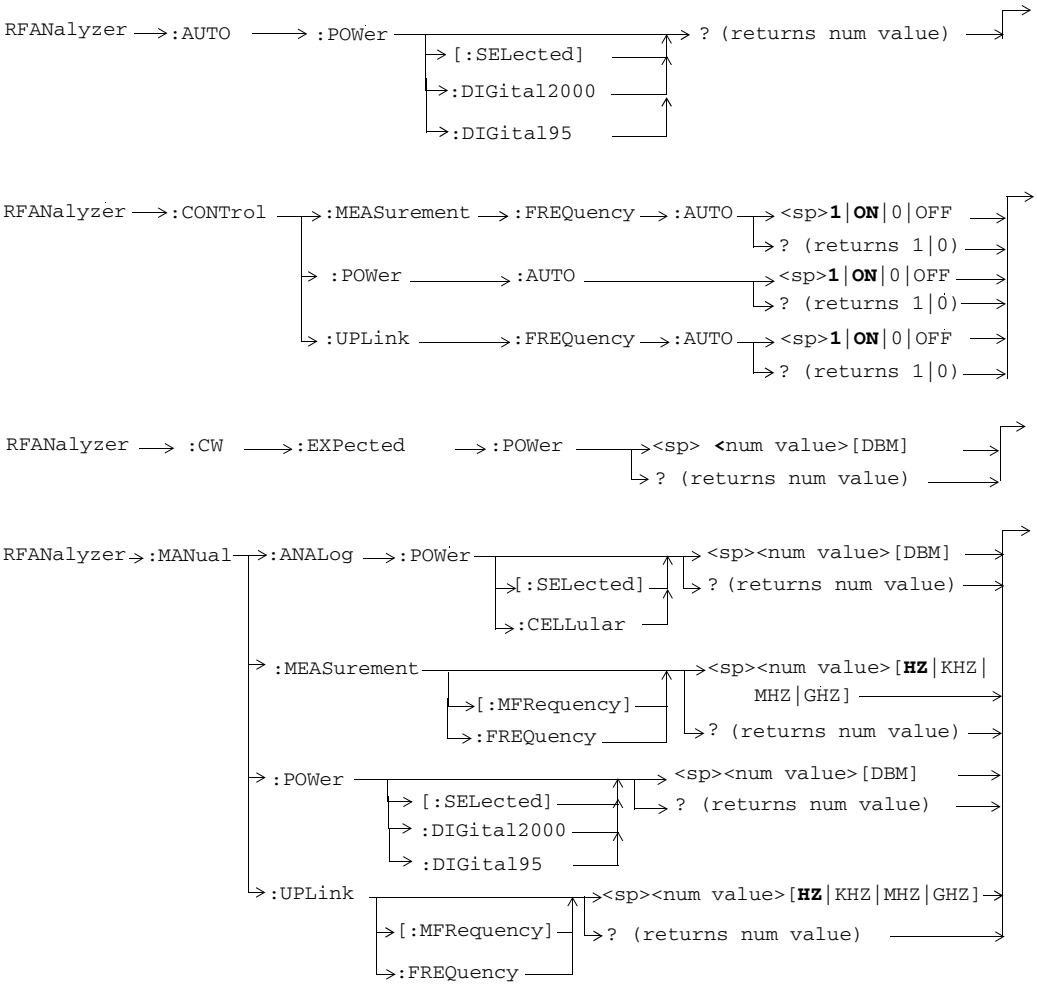
READ



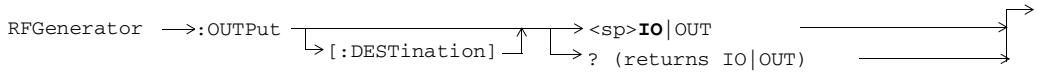
* This command is only applicable to the lab application.


READ
:FSTability
[:ALL]
? (returns Integrity, Worst Freq Error, Avg Freq)
:FM
[:ALL]
? (returns Integrity,Avg Deviation, Avg Dist, Avg Freq)
:GAPPower*
[:ALL]
[:RANGe20]
:RANGe60*
? (returns overall Integ-Rity, followed by 20 or 60 comma separated access probe power measurement results)
:GPOWer
[:ALL]
? (returns Integrity, Gated Power(pass/fail))
:HWQuality
[:ALL]
? (returns Integrity, Rho, Frequency Error, Time Error, Carrier Feedthrough, Phase Error, Magnitude Error)
:SAUDio
[:ALL]
? (returns Integrity, and comma separated list of Avg Audio Level and Avg Distortion for each frequency point)
:STONe
[:ALL]
? (returns Integrity, Positive Peak Deviation, Negative Peak Deviation, Freq Error, Freq
:SMONitor
:TRACe
? (returns numeric value)
:TFERror
[:ALL]
? (returns Integrity, Frame Error Rate, Received Good Frames, Received Blank Frames, Transmitted Good Frames, Transmitted Blank Frames, Frame Error Rate Confidence)
:TROPower
[:ALL]
? (returns Integrity, Time Response of Open Loop Power Pass/Fail)
:WDDeviation
[:ALL]
? (returns Integrity, Maximum Positive Peak Freq Deviation, Maximum Negative Peak Freq Deviation, Settled Positive Peak Freq Deviation, Settled Negative Peak Freq Deviation)
:WQUality
[:ALL]
? (returns Integrity, Rho, Frequency Error, Time Error, Carrier Feedthrough, Phase Error, Magnitude Error, EVM)

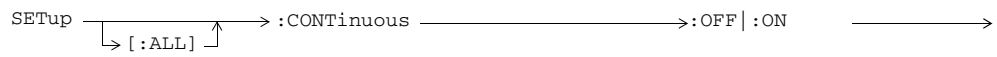
RFANalyzer


RFANalyzer
:AUTO
:POWer
[:SELected]
:DIGital2000
:DIGital95
? (returns num value)
RFANalyzer
:CONTrol
:MEASurement
:FREQuency
:AUTO
<sp>1|ON|0|OFF
? (returns 1|0)
:POWer
:AUTO
<sp>1|ON|0|OFF
? (returns 1|0)
:UPLink
:FREQuency
:AUTO
<sp>1|ON|0|OFF
? (returns 1|0)
RFANalyzer
:CW
:EXPected
:POWer
<sp> <num value>[DBM]
? (returns num value)
RFANalyzer
:MANual
:ANALog
:POWer
[:SELected]
:CELLular
<sp><num value>[DBM]
? (returns num value)
:MEASurement
[:MFRequency]
:FREQuency
<sp><num value>[HZ|KHZ|MHZ|GHZ]
? (returns num value)
:POWer
[:SELected]
:DIGital2000
:DIGital95
<sp><num value>[DBM]
? (returns num value)
:UPLink
[:MFRequency]
:FREQuency
<sp><num value>[HZ|KHZ|MHZ|GHZ]
? (returns num value)

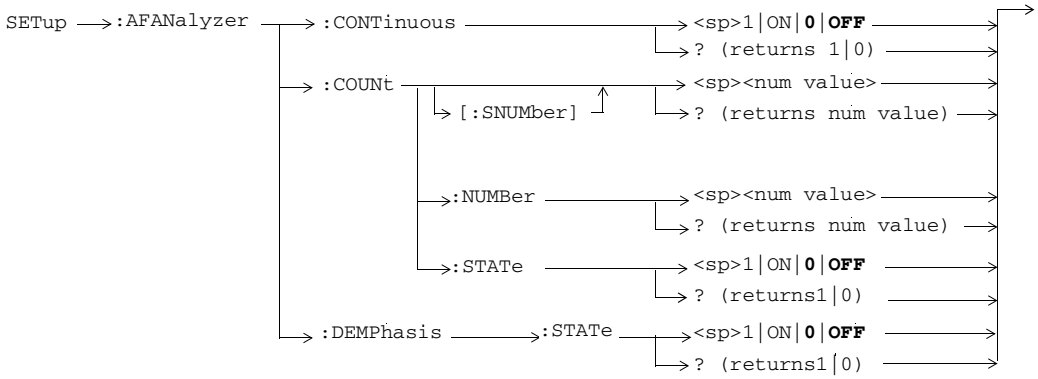
RFGenerator:OUTPut

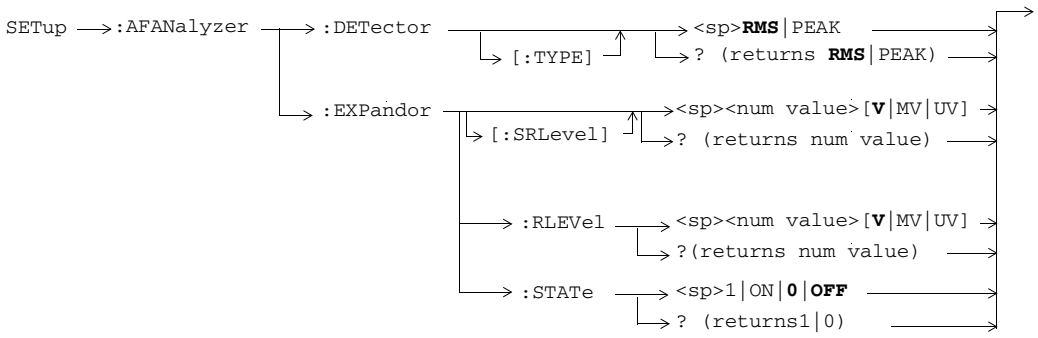


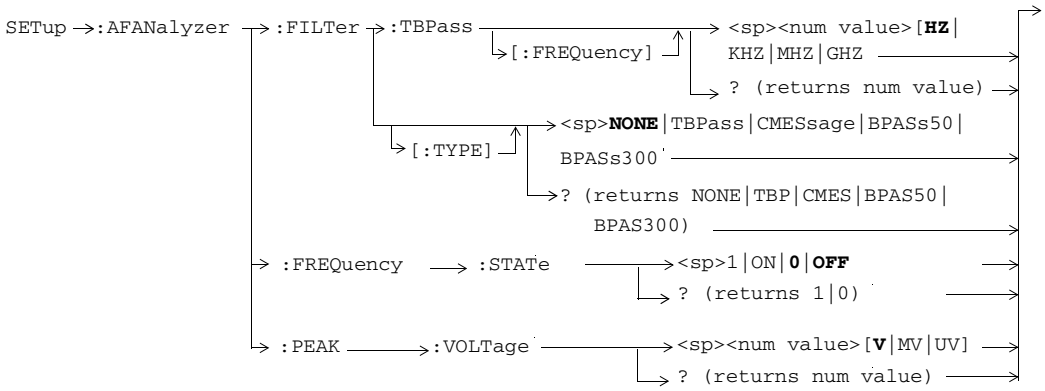
SETup:CONTinuous

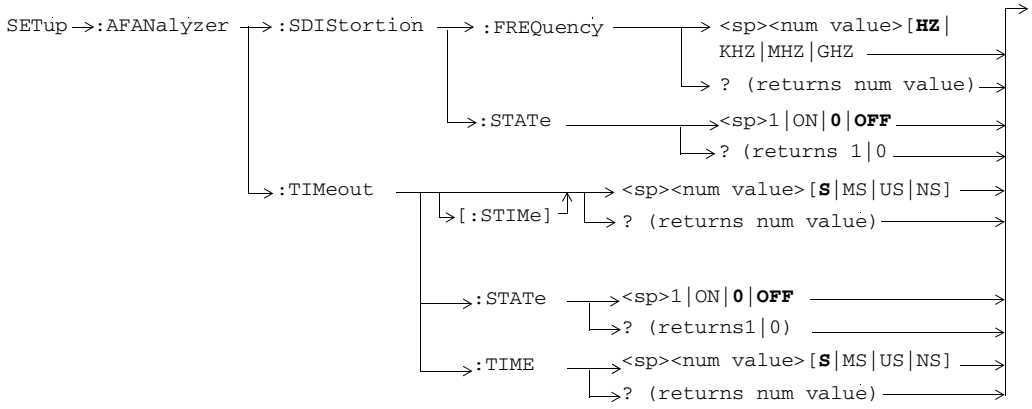


SETup:AFANalyzer

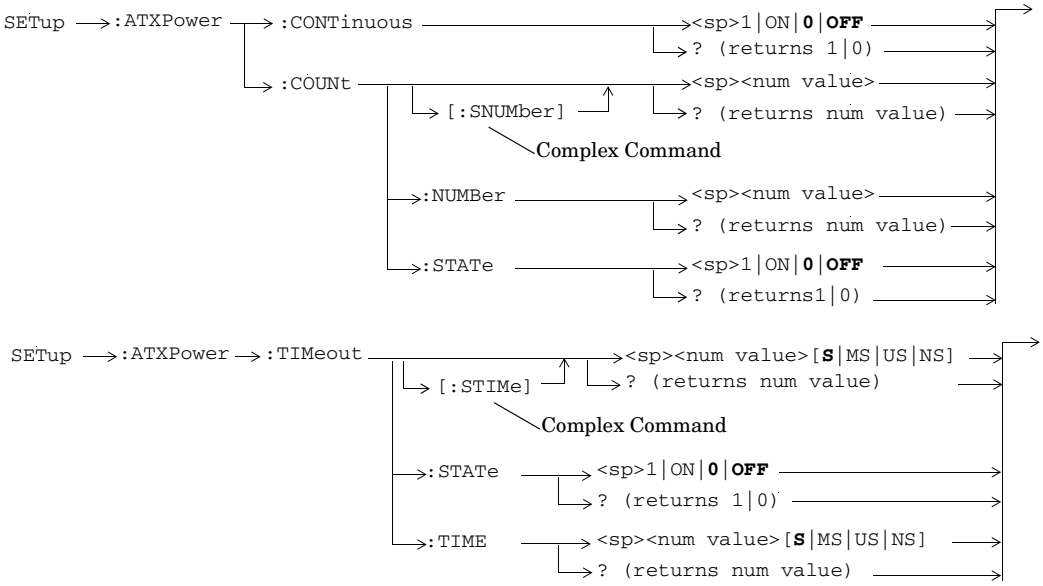




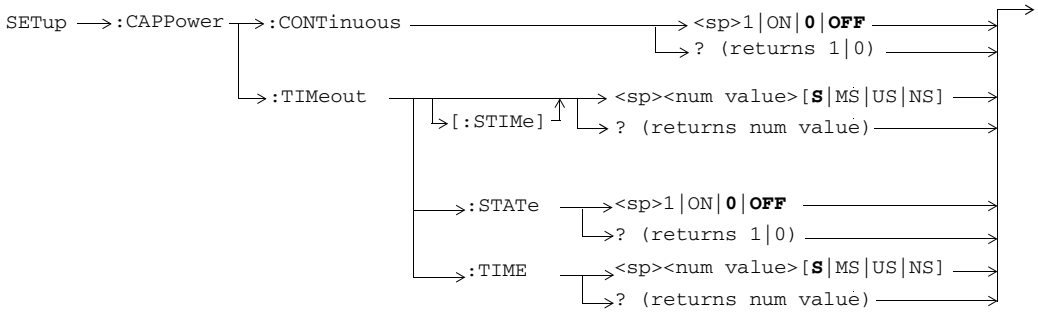

SETup
:AFANalyzer
:FILTer
:TBPass
[:FREQuency]
<sp><num value>[HZ|
KHZ|MHZ|GHZ
? (returns num value)
[:TYPE]
<sp>NONE|TBPass|CMESsage|BPASs50|
BPASs300
? (returns NONE|TBP|CMES|BPAS50|
BPAS300)
:FREQuency
:STATe
<sp>1|ON|0|OFF
? (returns 1|0)
:PEAK
:VOLTage
<sp><num value>[V|MV|UV]
? (returns num value)


SETup
:AFANalyzer
:SDIStortion
:FREQuency
<sp><num value>[HZ|
KHZ|MHZ|GHZ
? (returns num value)
:STATe
<sp>1|ON|0|OFF
? (returns 1|0
:TIMeout
[:STIMe]
<sp><num value>[S|MS|US|NS]
? (returns num value)
:STATe
<sp>1|ON|0|OFF
? (returns1|0)
:TIME
<sp><num value>[S|MS|US|NS]
? (returns num value)

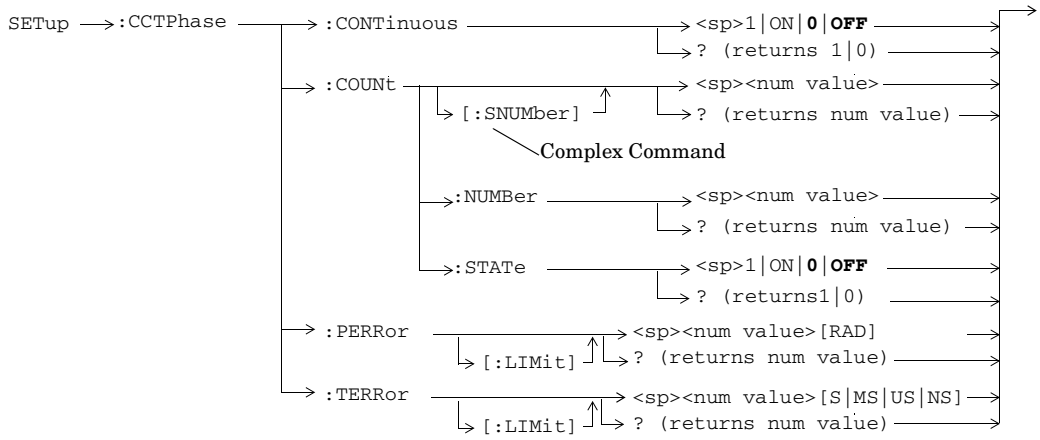
SETup:ATXPower

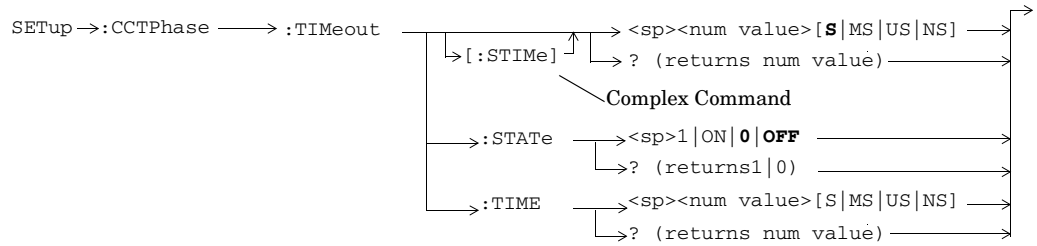


SETup:CAPPower

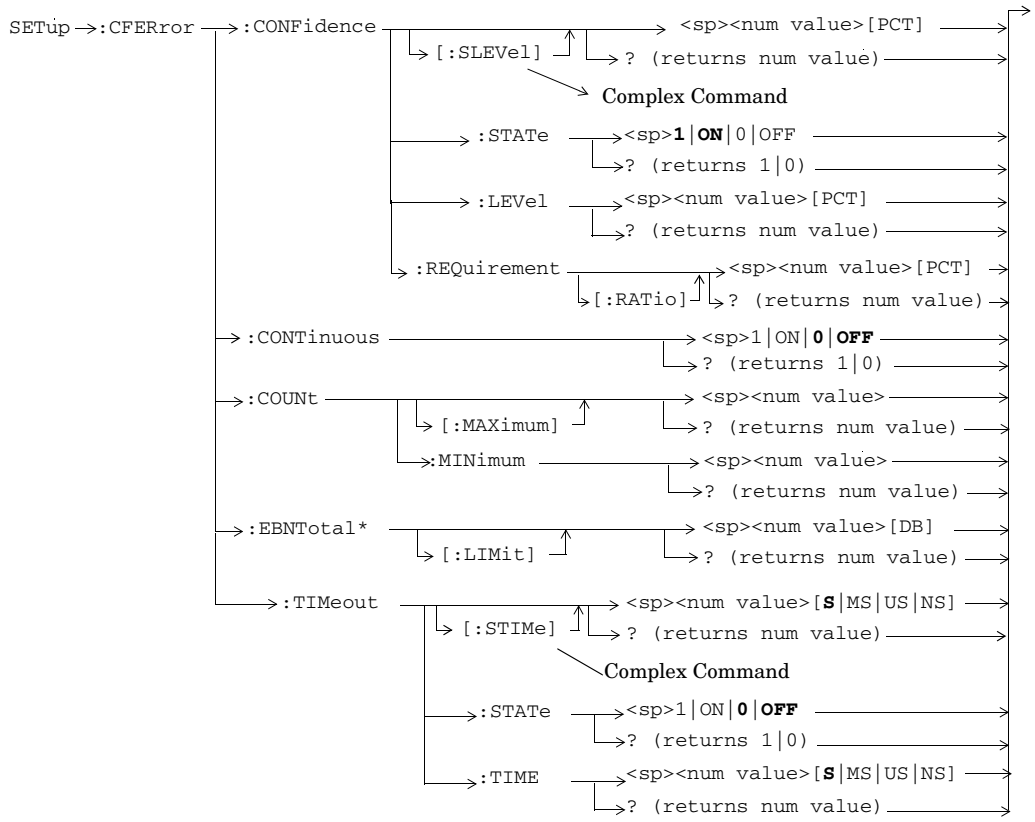


SETup:CCTPhase



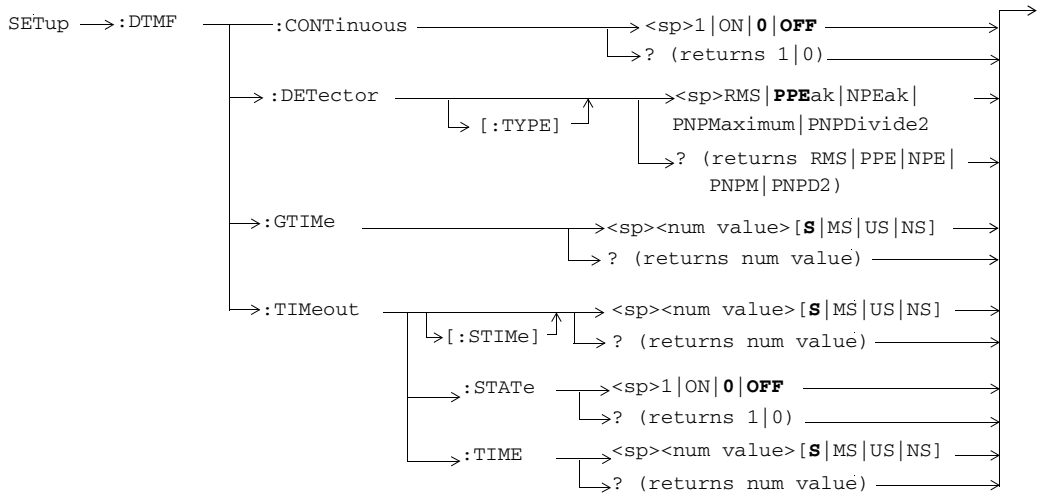


SETup:CFERror

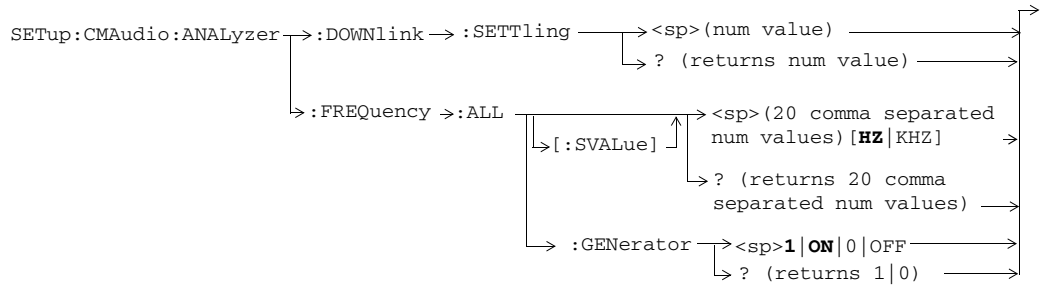


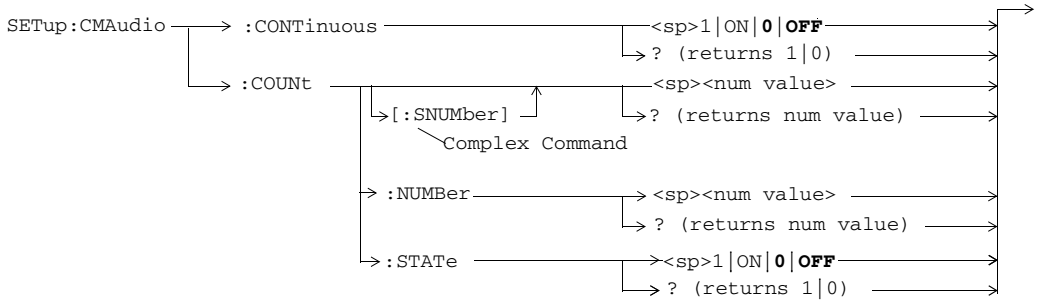
* These commands are only applicable to the lab application.

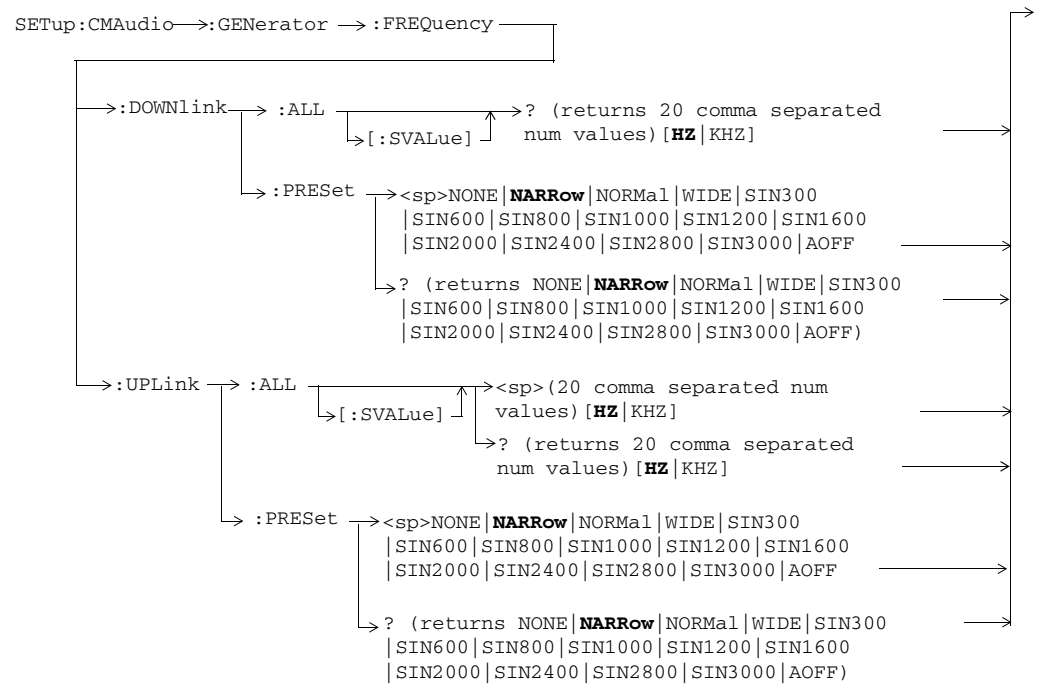
SETup:DTMF

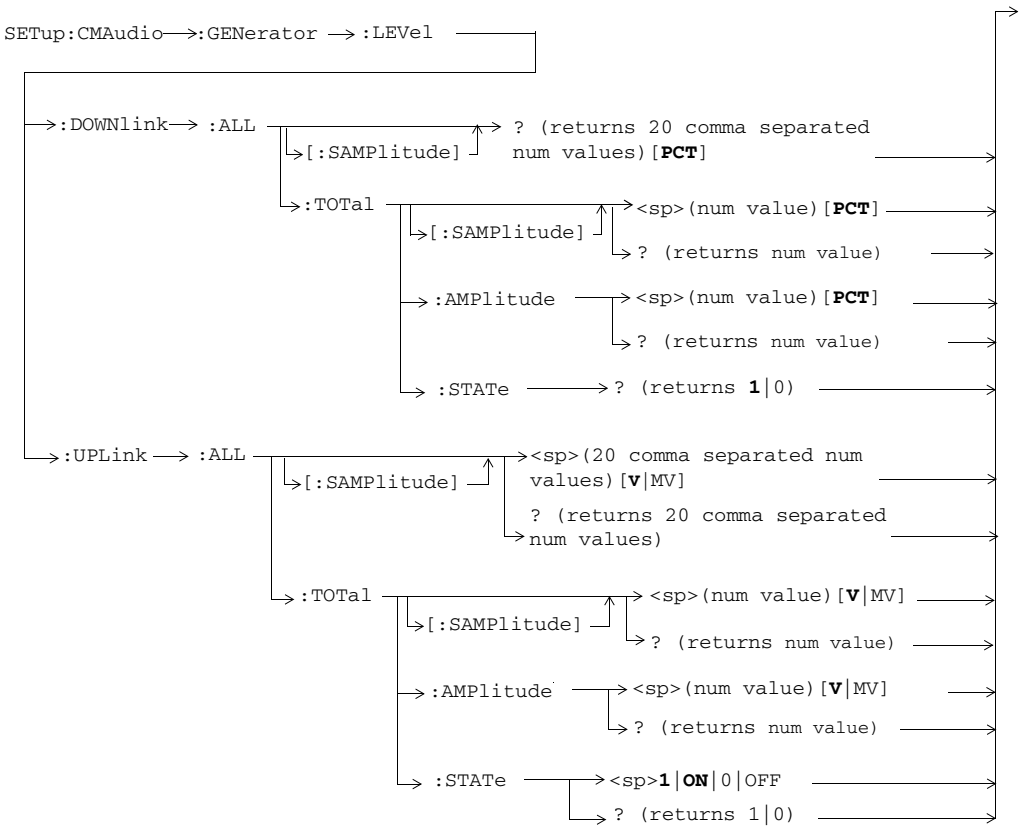


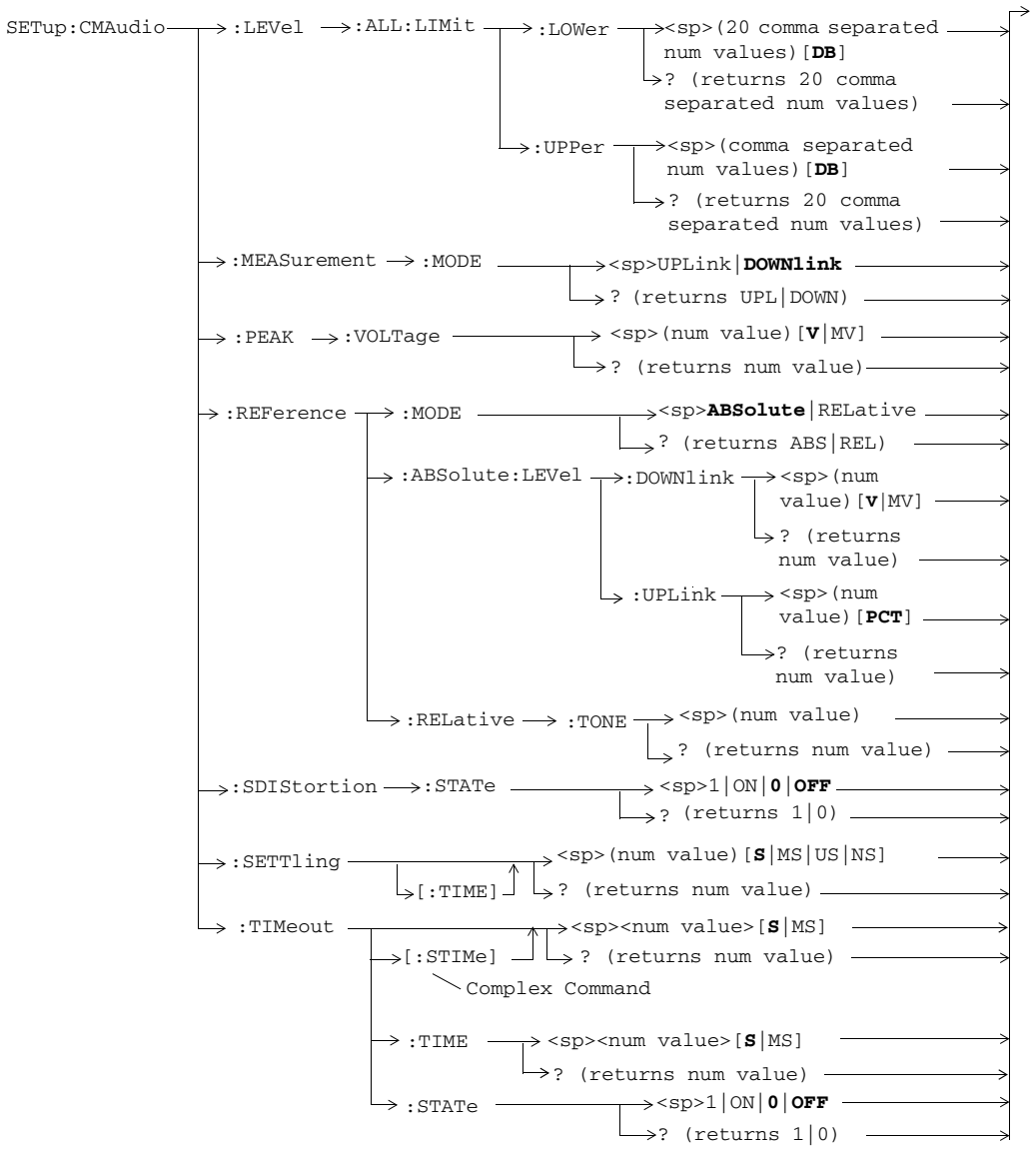
SETup:CMAudio



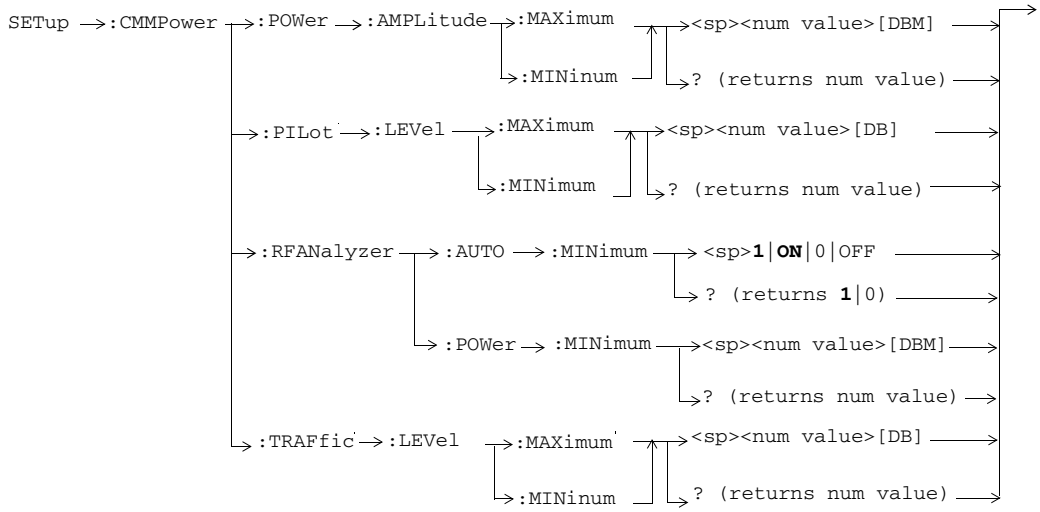

SETup:CMAudio
:CONTinuous
<sp>1|ON|0|OFF
? (returns 1|0)
:COUNt
<sp><num value>
[:SNUMber]
? (returns num value)
Complex Command
:NUMBer
<sp><num value>
? (returns num value)
:STATe
<sp>1|ON|0|OFF
? (returns 1|0)

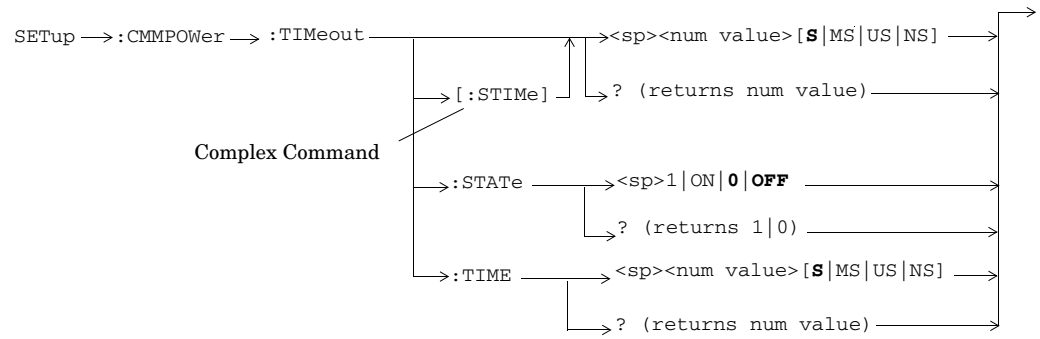

SETup:CMAudio
:GENerator
:FREQuency
:DOWNlink
:ALL
[:SVALue]
? (returns 20 comma separated num values)[HZ|KHZ]
:PRESet
<sp>NONE|NARRow|NORMal|WIDE|SIN300|SIN600|SIN800|SIN1000|SIN1200|SIN1600|SIN2000|SIN2400|SIN2800|SIN3000|AOFF
? (returns NONE|NARRow|NORMal|WIDE|SIN300|SIN600|SIN800|SIN1000|SIN1200|SIN1600|SIN2000|SIN2400|SIN2800|SIN3000|AOFF)
:UPLink
:ALL
[:SVALue]
<sp>(20 comma separated num values)[HZ|KHZ]
? (returns 20 comma separated num values)[HZ|KHZ]
:PRESet
<sp>NONE|NARRow|NORMal|WIDE|SIN300|SIN600|SIN800|SIN1000|SIN1200|SIN1600|SIN2000|SIN2400|SIN2800|SIN3000|AOFF
? (returns NONE|NARRow|NORMal|WIDE|SIN300|SIN600|SIN800|SIN1000|SIN1200|SIN1600|SIN2000|SIN2400|SIN2800|SIN3000|AOFF)


SETup:CMAudio
:GENerator
:LEVel
:DOWNlink
:ALL
[:SAMPlitude]
? (returns 20 comma separated num values)[PCT]
:TOTal
[:SAMPlitude]
<sp>(num value)[PCT]
? (returns num value)
:AMPlitude
<sp>(num value)[PCT]
? (returns num value)
:STATe
? (returns 1|0)
:UPLink
:ALL
[:SAMPlitude]
<sp>(20 comma separated num values)[V|MV]
? (returns 20 comma separated num values)
:TOTal
[:SAMPlitude]
<sp>(num value)[V|MV]
? (returns num value)
:AMPlitude
<sp>(num value)[V|MV]
? (returns num value)
:STATe
<sp>1|ON|0|OFF
? (returns 1|0)

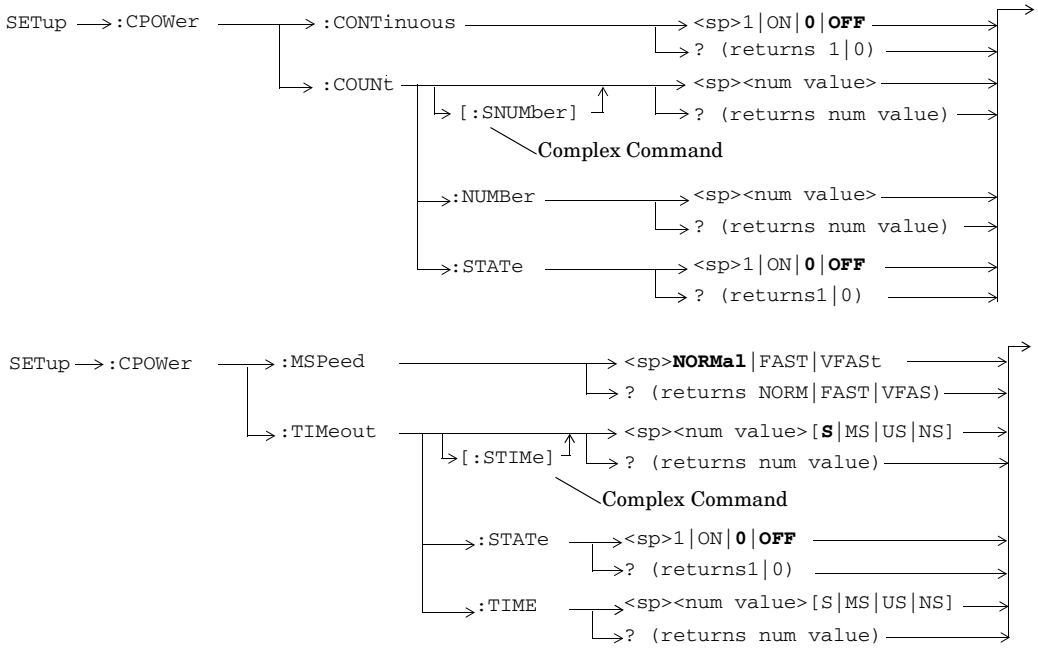

SETup:CMAudio
:LEVel
:ALL:LIMit
:LOWer
<sp>(20 comma separated num values)[DB]
? (returns 20 comma separated num values)
:UPPer
<sp>(comma separated num values)[DB]
? (returns 20 comma separated num values)
:MEASurement
:MODE
<sp>UPLink|DOWNlink
? (returns UPL|DOWN)
:PEAK
:VOLTage
<sp>(num value)[V|MV]
? (returns num value)
:REFerence
:MODE
<sp>ABSolute|RELative
? (returns ABS|REL)
:ABSolute:LEVel
:DOWNlink
<sp>(num value)[V|MV]
? (returns num value)
:UPLink
<sp>(num value)[PCT]
? (returns num value)
:RELative
:TONE
<sp>(num value)
? (returns num value)
:SDIStortion
:STATe
<sp>1|ON|0|OFF
? (returns 1|0)
:SETTling
<sp>(num value)[S|MS|US|NS]
[:TIME]
? (returns num value)
:TIMeout
<sp><num value>[S|MS]
[:STIMe]
? (returns num value)
Complex Command
:TIME
<sp><num value>[S|MS]
? (returns num value)
:STATe
<sp>1|ON|0|OFF
? (returns 1|0)

SETup:CMMPower

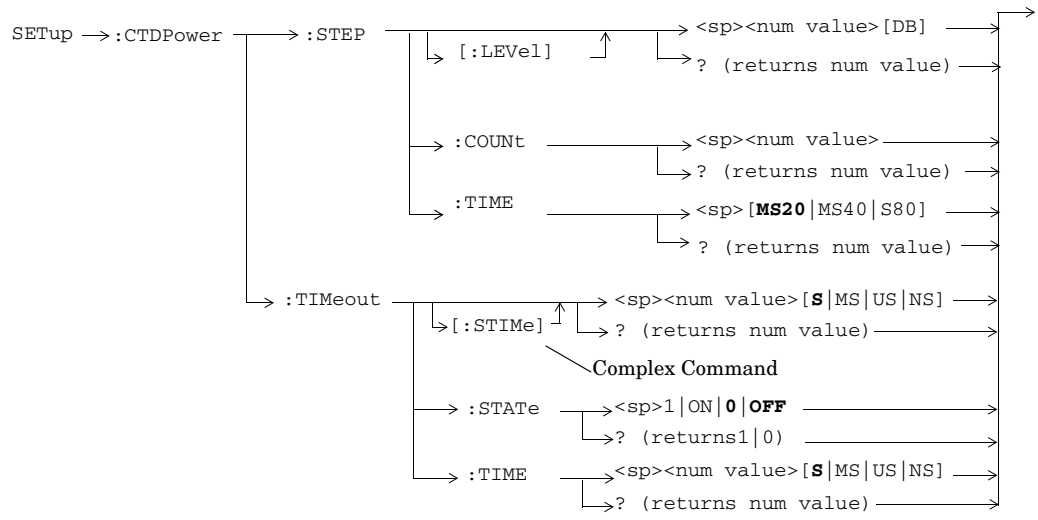




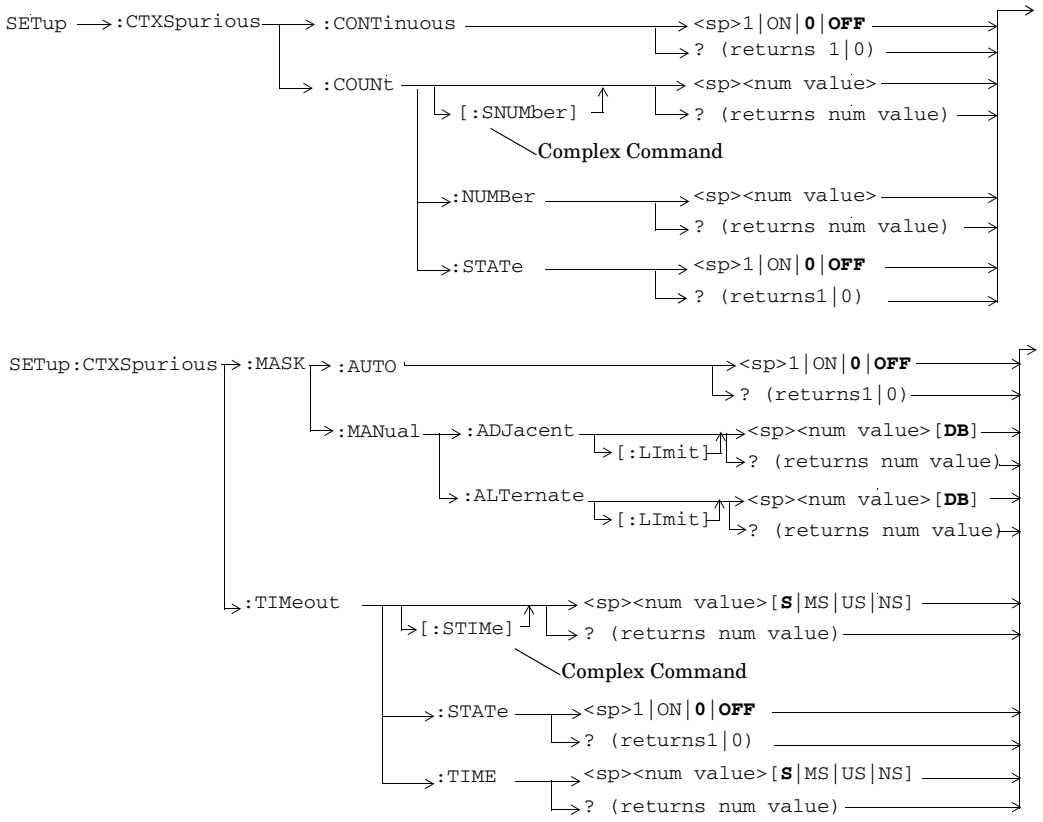
SETup:CPOWer



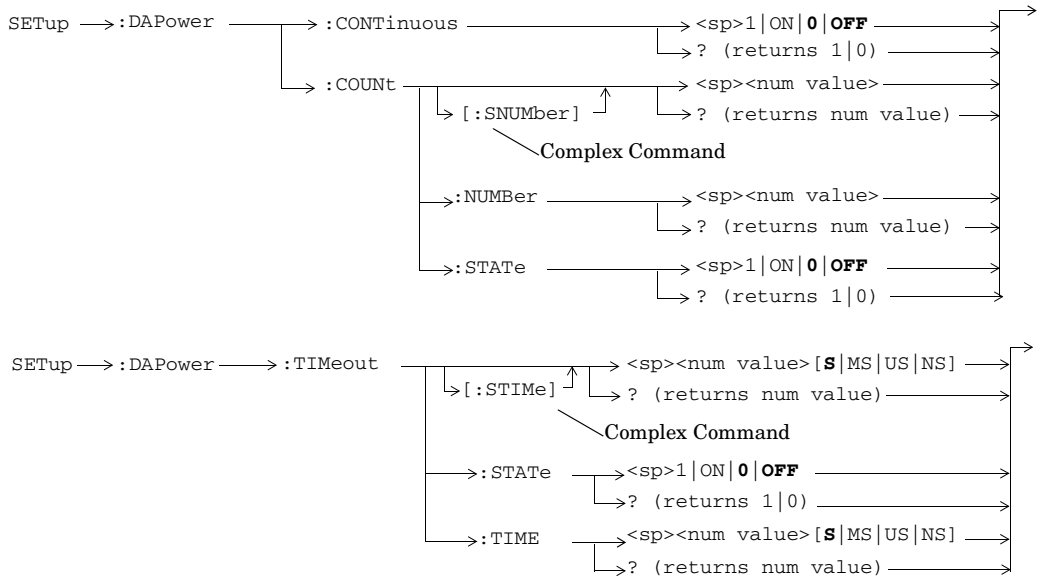
SETup:CTDPower



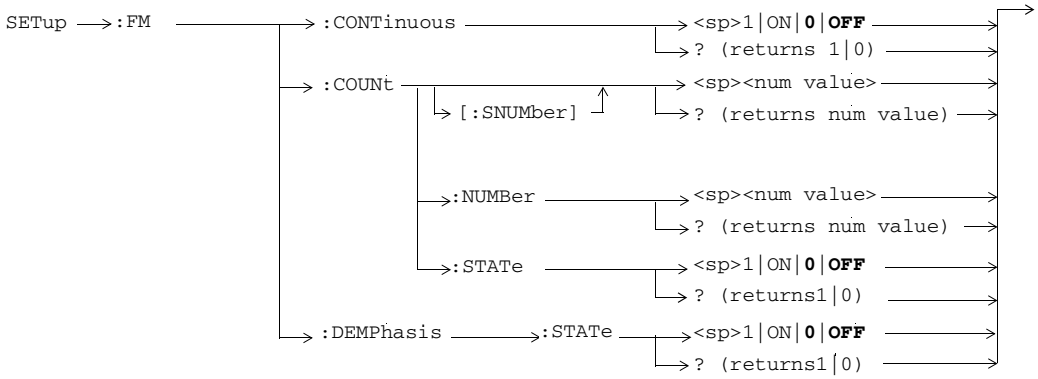
SETup:CTXSpurious

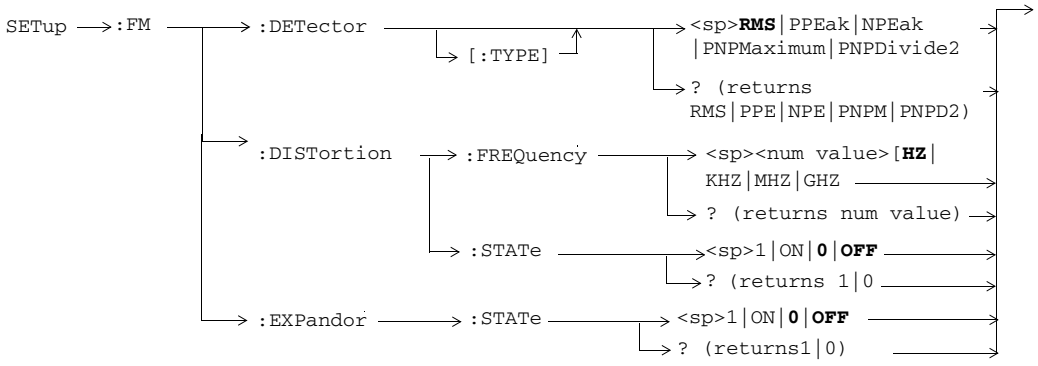


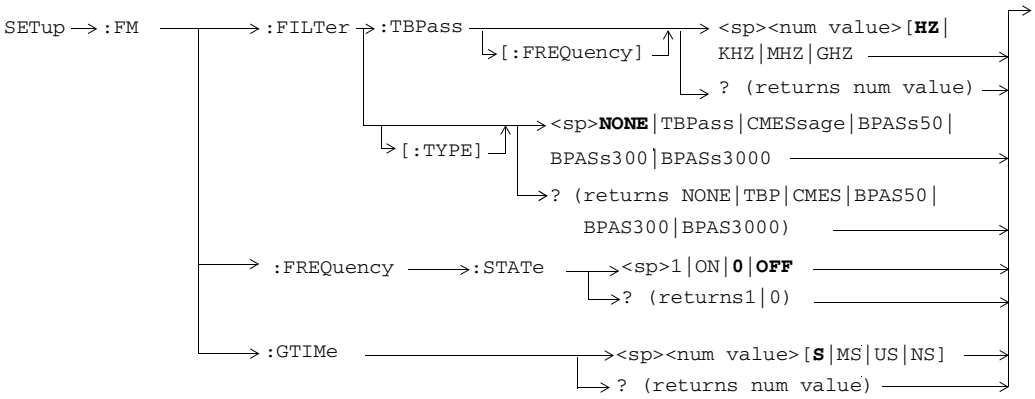
SETup:DAPower

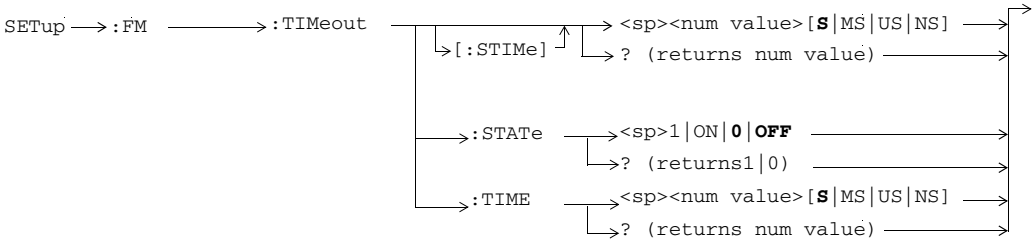


SETup:FM

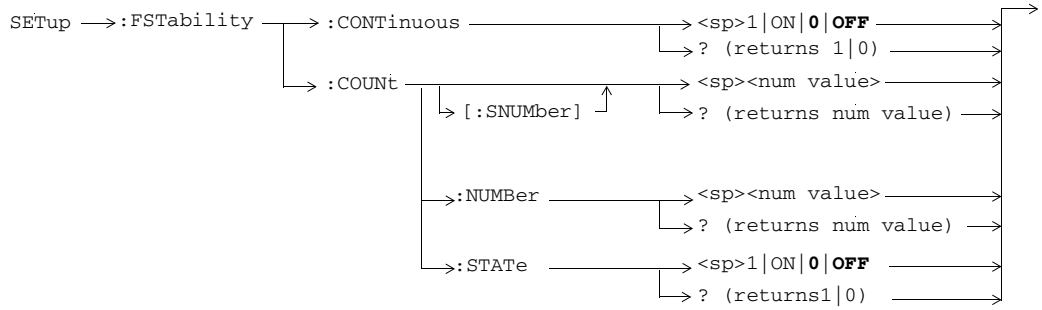

SETup
:FM
:CONTinuous
<sp>1|ON|0|OFF
? (returns 1|0)
:COUNt
[:SNUMber]
<sp><num value>
? (returns num value)
:NUMBer
<sp><num value>
? (returns num value)
:STATe
<sp>1|ON|0|OFF
? (returns1|0)
:DEMPhasis
:STATe
<sp>1|ON|0|OFF
? (returns1|0)

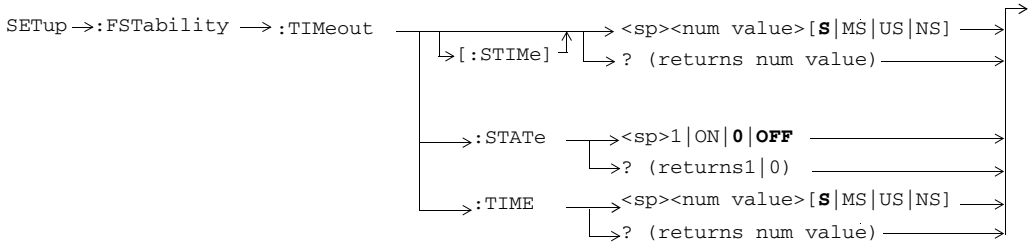

SETup
:FM
:DETector
[:TYPE]
<sp>RMS|PPEak|NPEak
|PNPMaximum|PNPDivide2
? (returns
RMS|PPE|NPE|PNPM|PNPD2)
:DISTortion
:FREQuency
<sp><num value>[HZ|
KHZ|MHZ|GHZ
? (returns num value)
:STATe
<sp>1|ON|0|OFF
? (returns 1|0
:EXPandor
:STATe
<sp>1|ON|0|OFF
? (returns1|0)


SETup
:FM
:FILTer
:TBPass
[:FREQuency]
<sp><num value>[HZ|KHZ|MHZ|GHZ
? (returns num value)
[:TYPE]
<sp>NONE|TBPass|CMESsage|BPASs50|BPASs300|BPASs3000
? (returns NONE|TBP|CMES|BPAS50|BPAS300|BPAS3000)
:FREQuency
:STATe
<sp>1|ON|0|OFF
? (returns1|0)
:GTIMe
<sp><num value>[S|MS|US|NS]
? (returns num value)

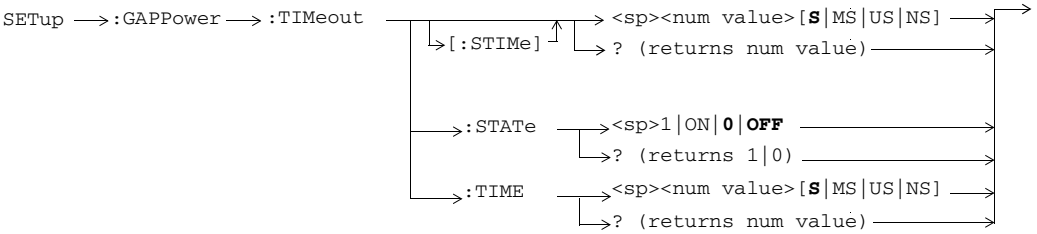

SETup
:FM
:TIMeout
[:STIMe]
<sp><num value>[S|MS|US|NS]
? (returns num value)
:STATe
<sp>1|ON|0|OFF
? (returns1|0)
:TIME
<sp><num value>[S|MS|US|NS]
? (returns num value)

SETup:FSTability



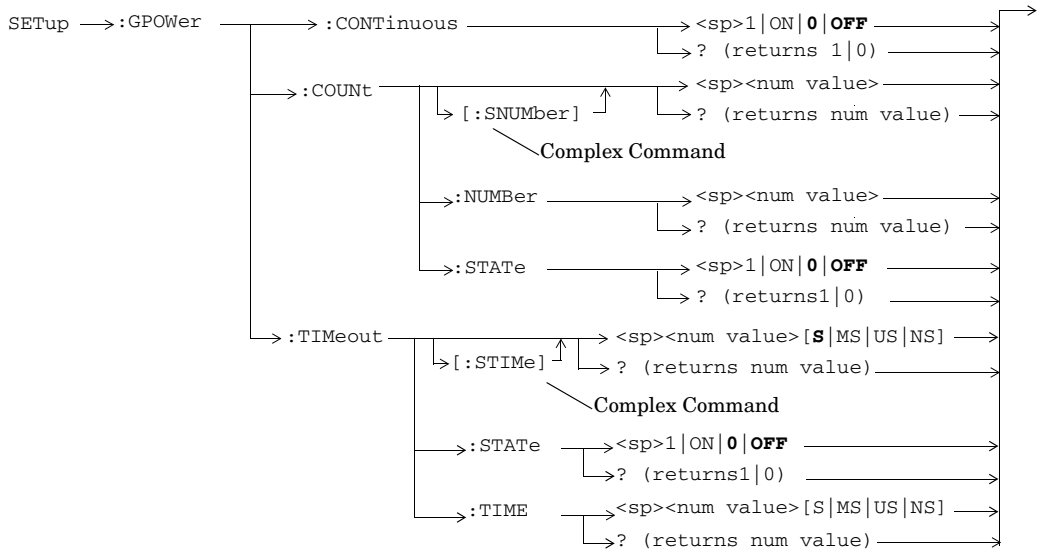


SETup:GAPPower

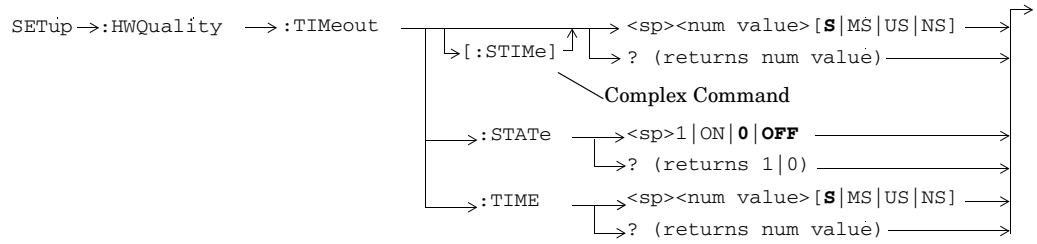


All commands shown in this diagram are only applicable to the lab application.

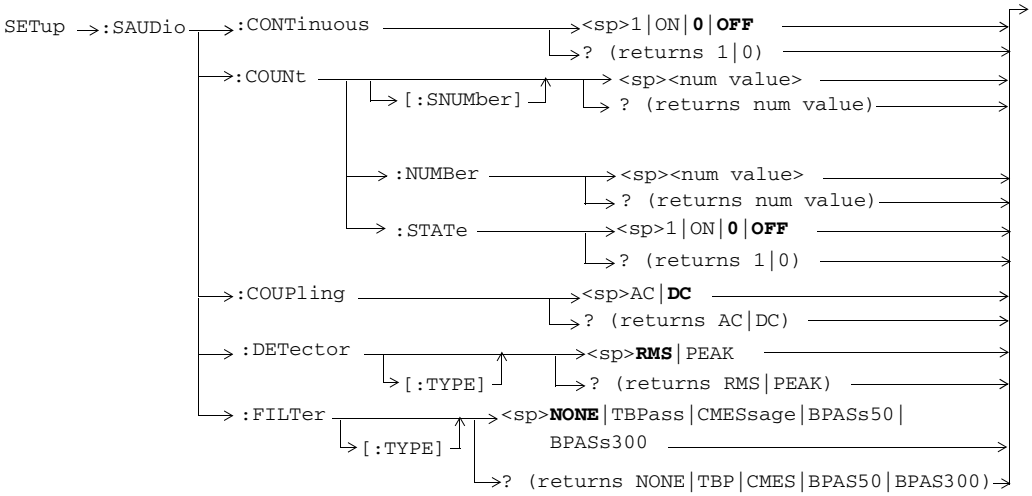
SETup:GPOWer

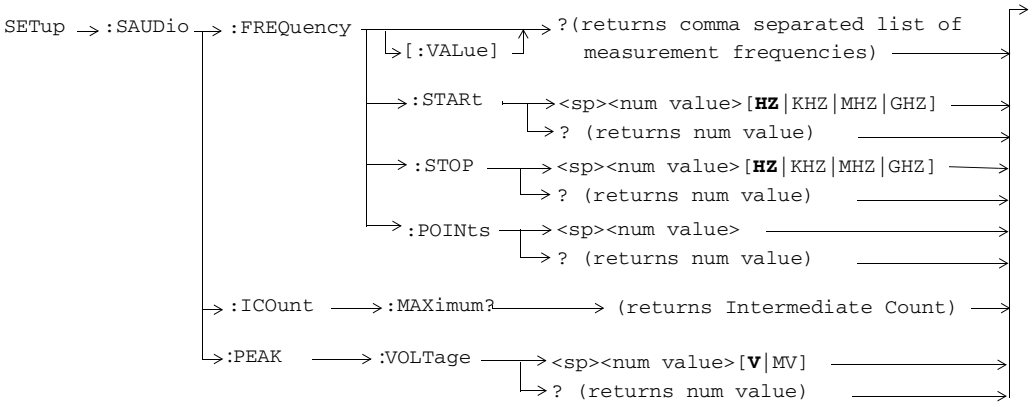


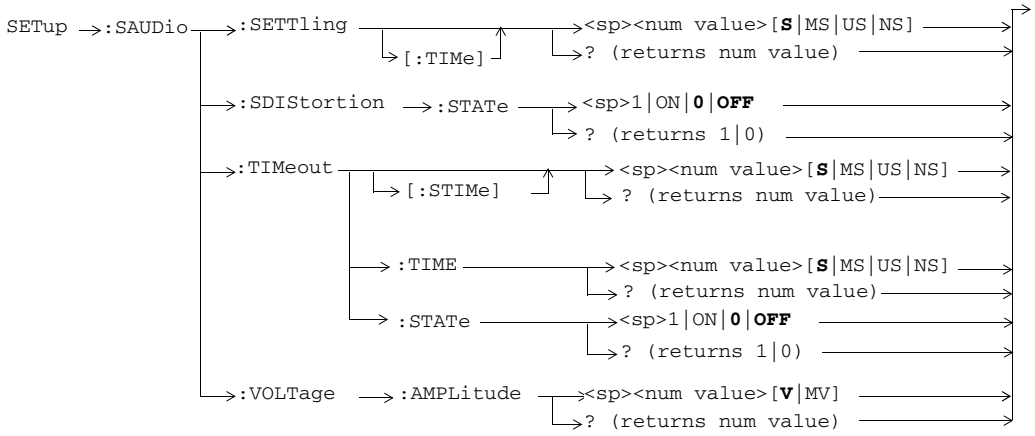
SETup:HWQuality



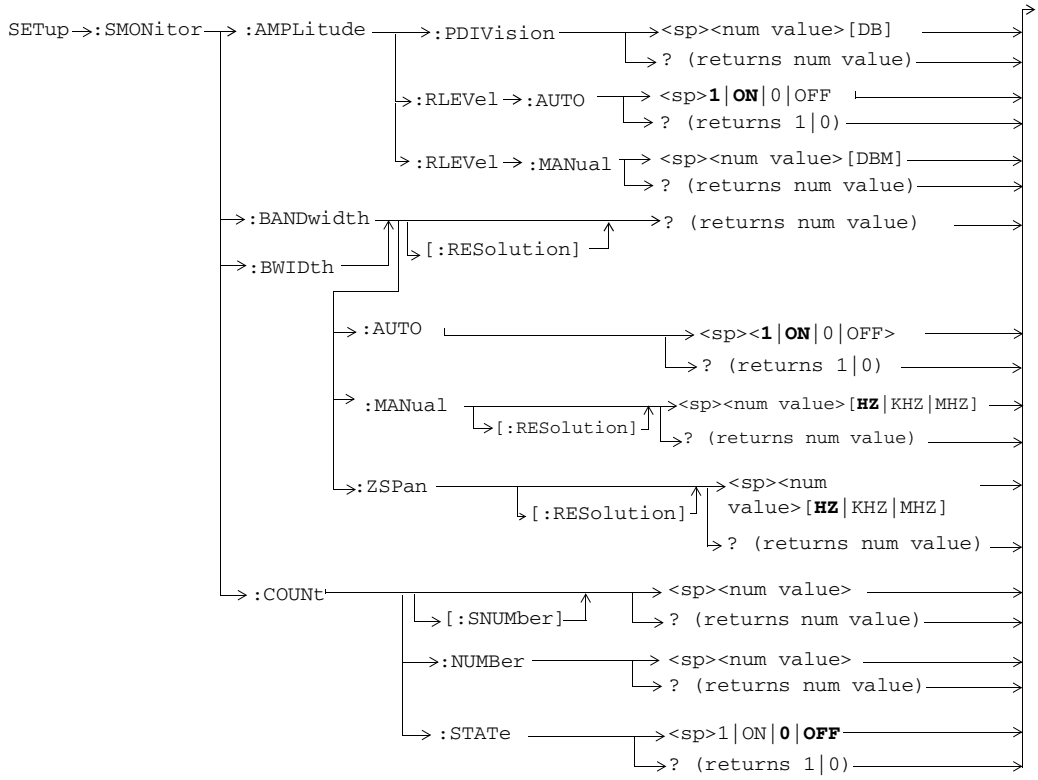
SETup:SAUDio

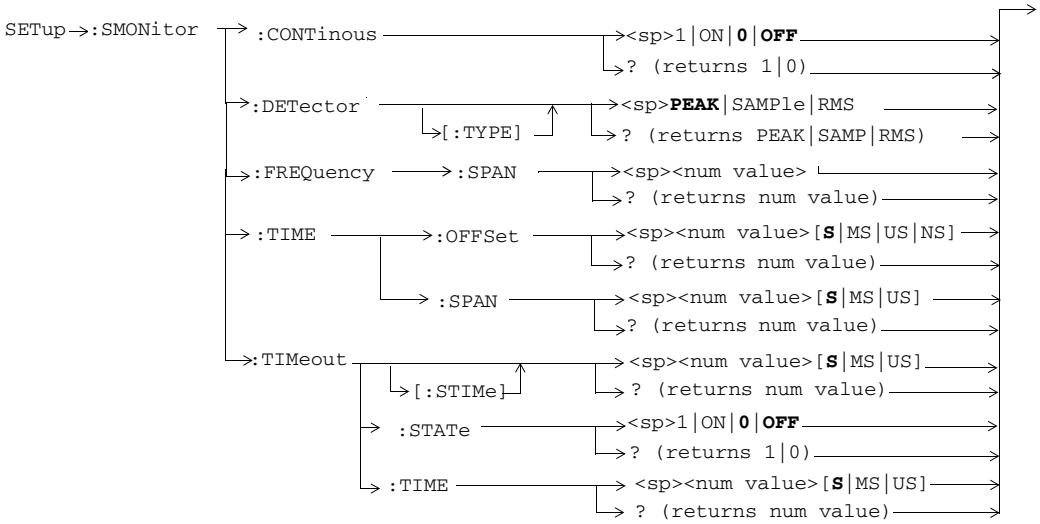


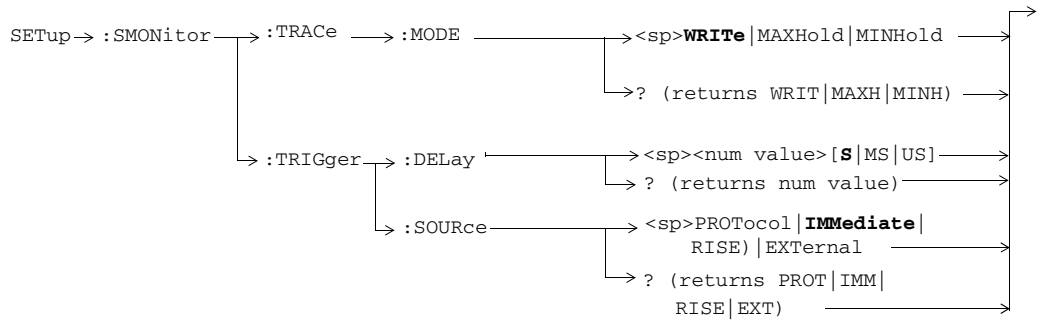



SETup
:SAUDio
:SETTling
[:TIMe]
<sp><num value>[**S**|MS|US|NS]
? (returns num value)
:SDIStortion
:STATe
<sp>1|ON|**0**|**OFF**
? (returns 1|0)
:TIMeout
[:STIMe]
<sp><num value>[**S**|MS|US|NS]
? (returns num value)
:TIME
<sp><num value>[**S**|MS|US|NS]
? (returns num value)
:STATe
<sp>1|ON|**0**|**OFF**
? (returns 1|0)
:VOLTage
:AMPLitude
<sp><num value>[**V**|MV]
? (returns num value)

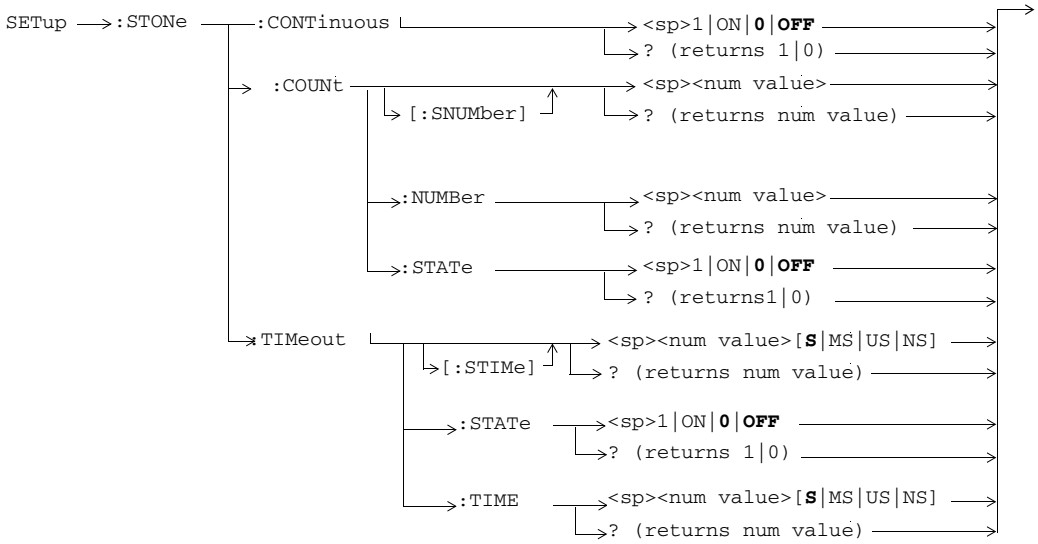
SETup:SMONitor



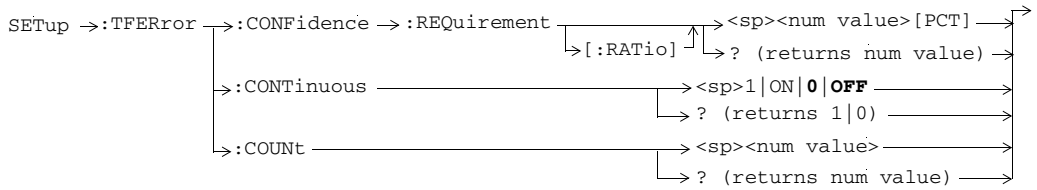

SETup→:SMONitor
:CONTinous
<sp>1|ON|0|OFF
? (returns 1|0)
:DETector
[:TYPE]
<sp>PEAK|SAMPle|RMS
? (returns PEAK|SAMP|RMS)
:FREQuency
:SPAN
<sp><num value>
? (returns num value)
:TIME
:OFFSet
<sp><num value>[S|MS|US|NS]
? (returns num value)
:SPAN
<sp><num value>[S|MS|US]
? (returns num value)
:TIMeout
[:STIMe]
<sp><num value>[S|MS|US]
? (returns num value)
:STATe
<sp>1|ON|0|OFF
? (returns 1|0)
:TIME
<sp><num value>[S|MS|US]
? (returns num value)

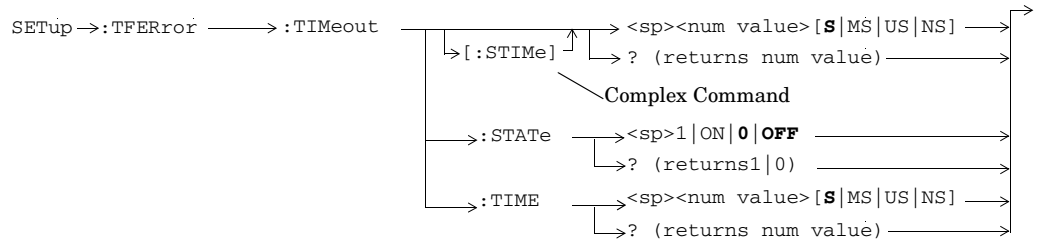

SETup→:SMONitor
:TRACe
:MODE
<sp>WRITe|MAXHold|MINHold
? (returns WRIT|MAXH|MINH)
:TRIGger
:DELay
<sp><num value>[S|MS|US]
? (returns num value)
:SOURce
<sp>PROTocol|IMMediate|
RISE)|EXTernal
? (returns PROT|IMM|
RISE|EXT)

SETup:STONe

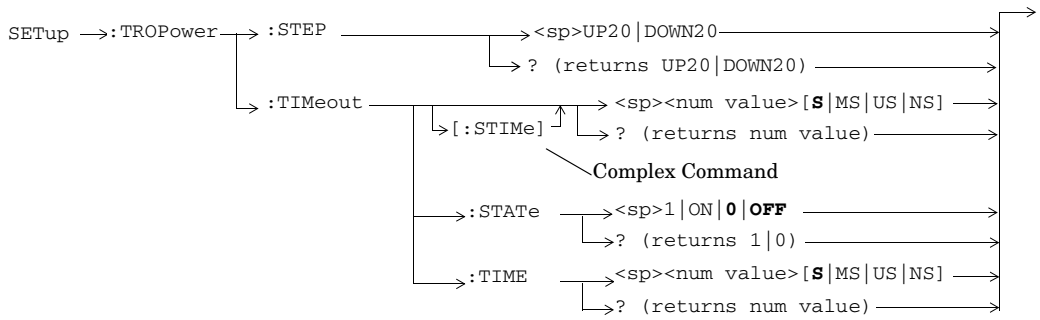

SETup
:STONe
:CONTinuous
<sp>1|ON|0|OFF
? (returns 1|0)
:COUNt
[:SNUMber]
<sp><num value>
? (returns num value)
:NUMBer
<sp><num value>
? (returns num value)
:STATe
<sp>1|ON|0|OFF
? (returns1|0)
TIMeout
[:STIMe]
<sp><num value>[S|MS|US|NS]
? (returns num value)
:STATe
<sp>1|ON|0|OFF
? (returns 1|0)
:TIME
<sp><num value>[S|MS|US|NS]
? (returns num value)

SETup:TFERror

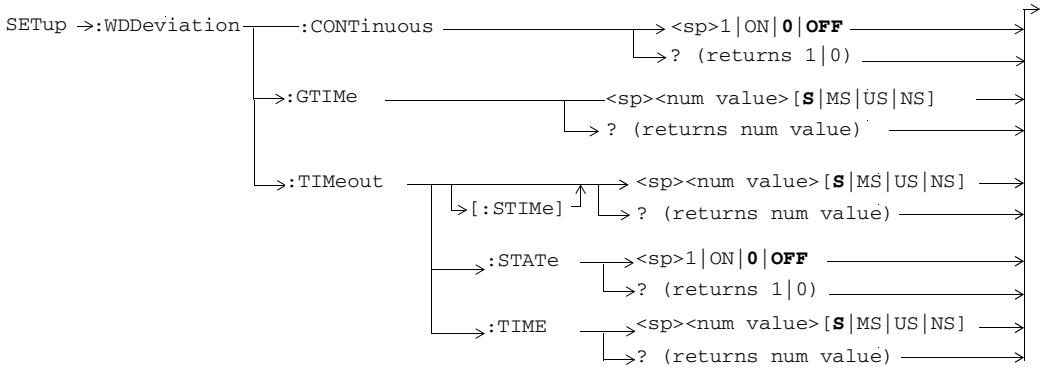




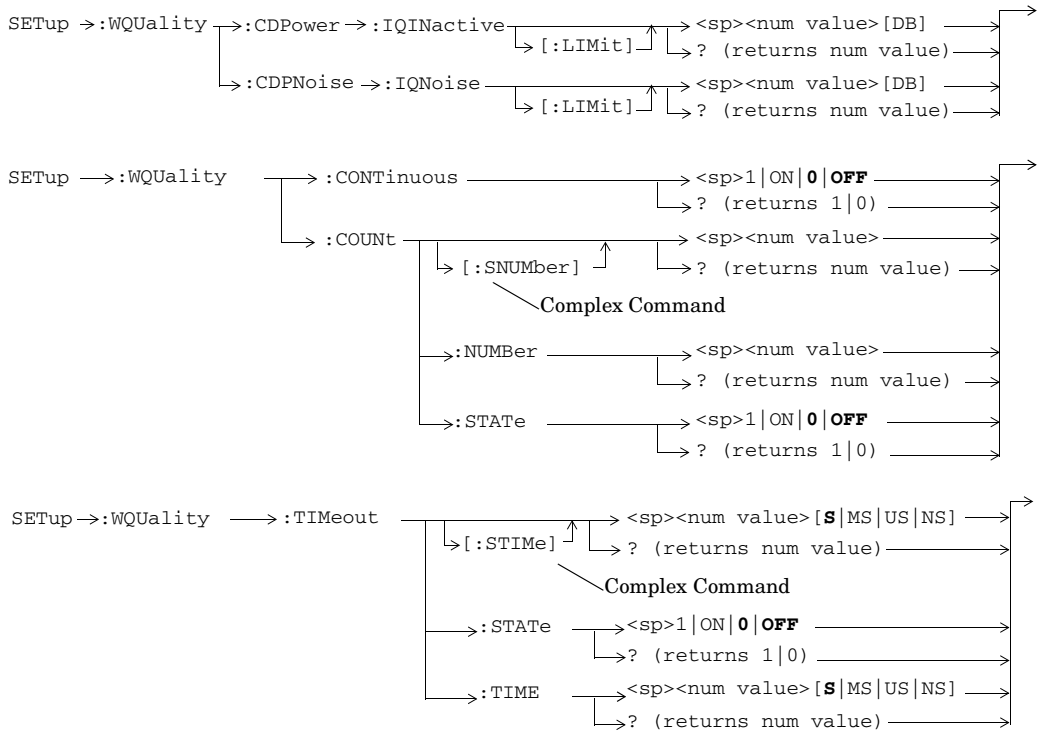
SETup:TROPower



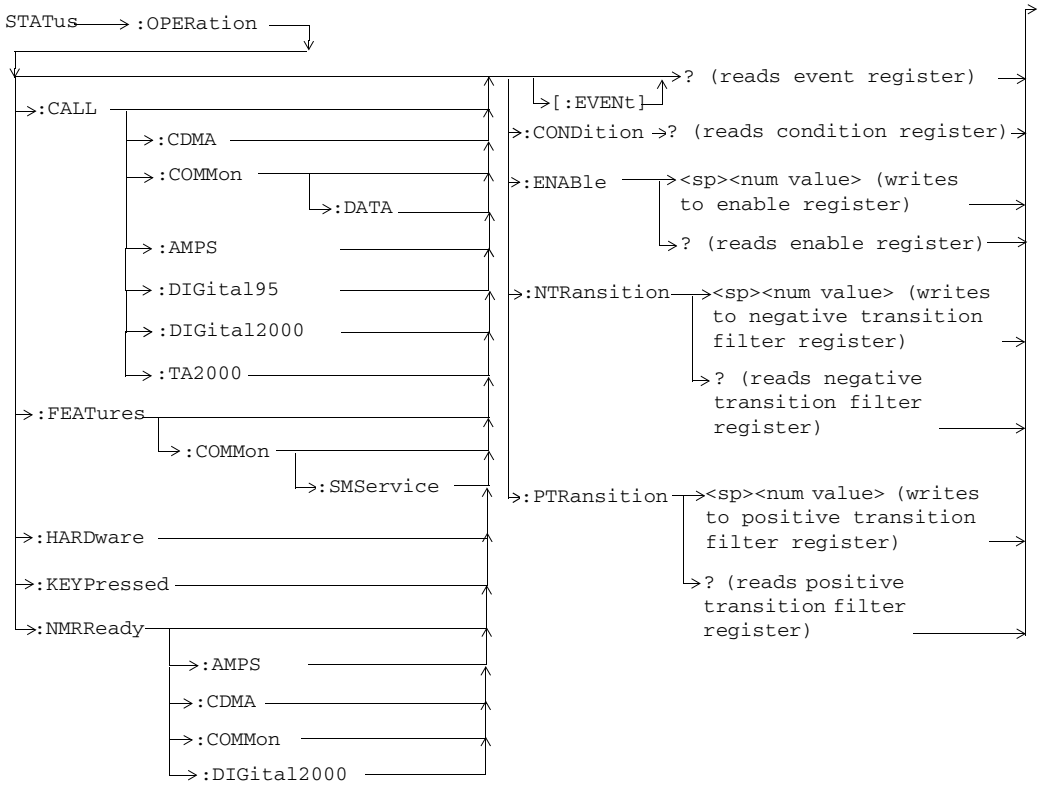
SETup:WDDeviation



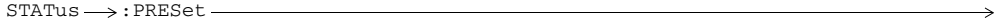
SETup:WQUality



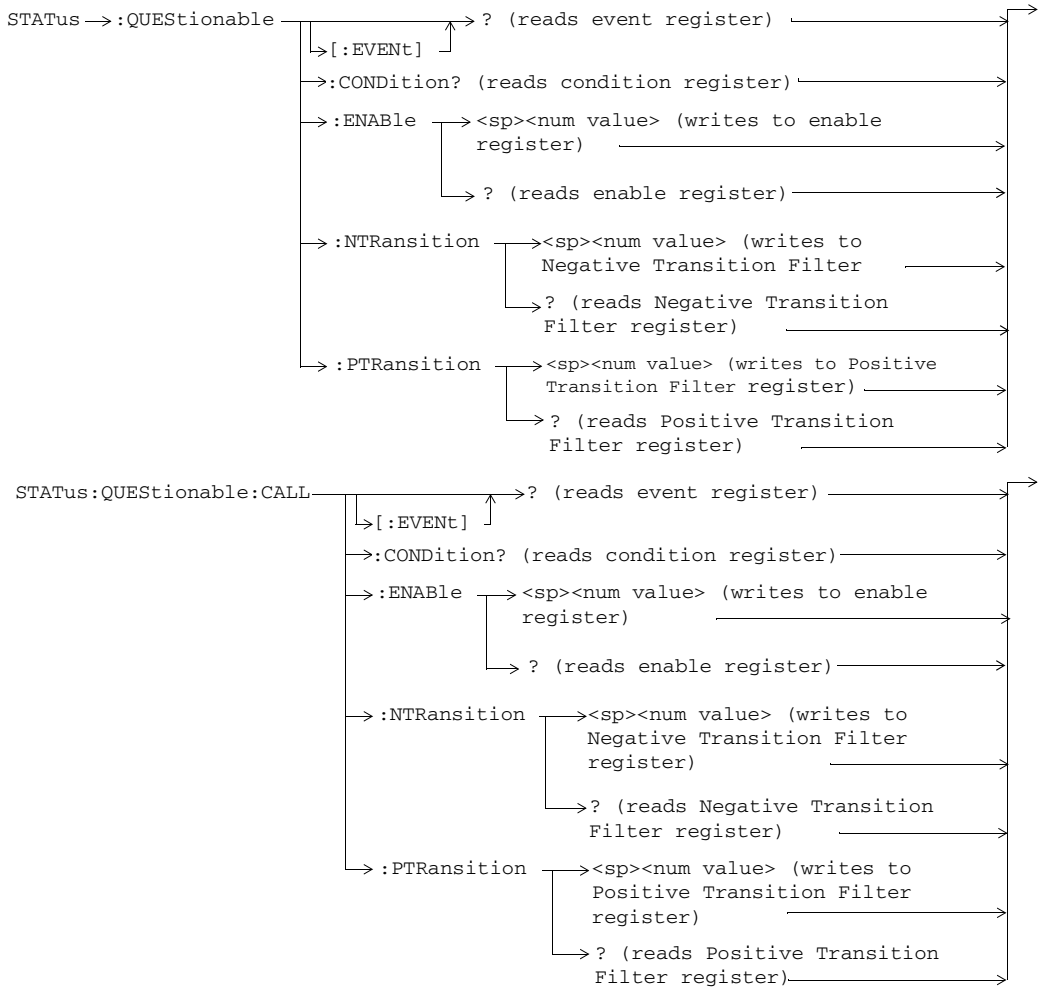
STATus:OPERation

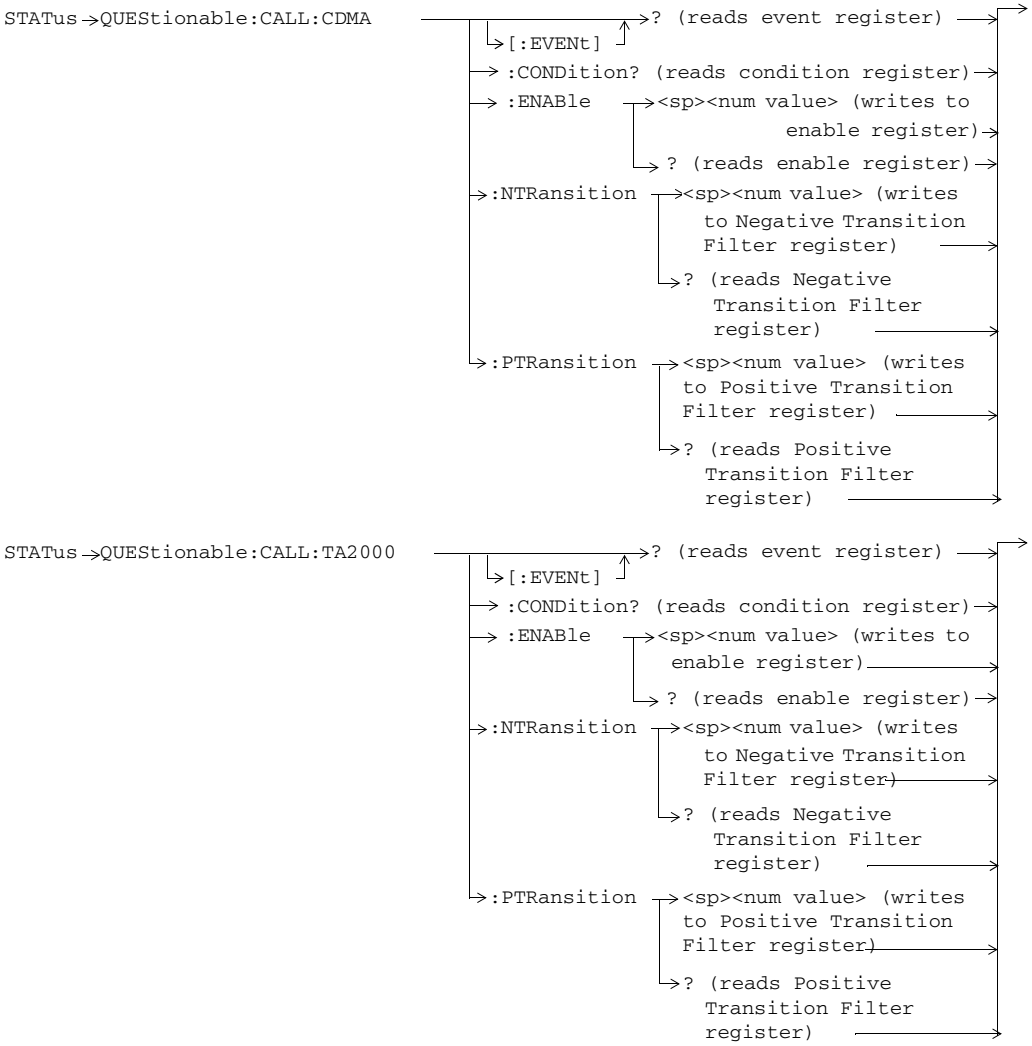


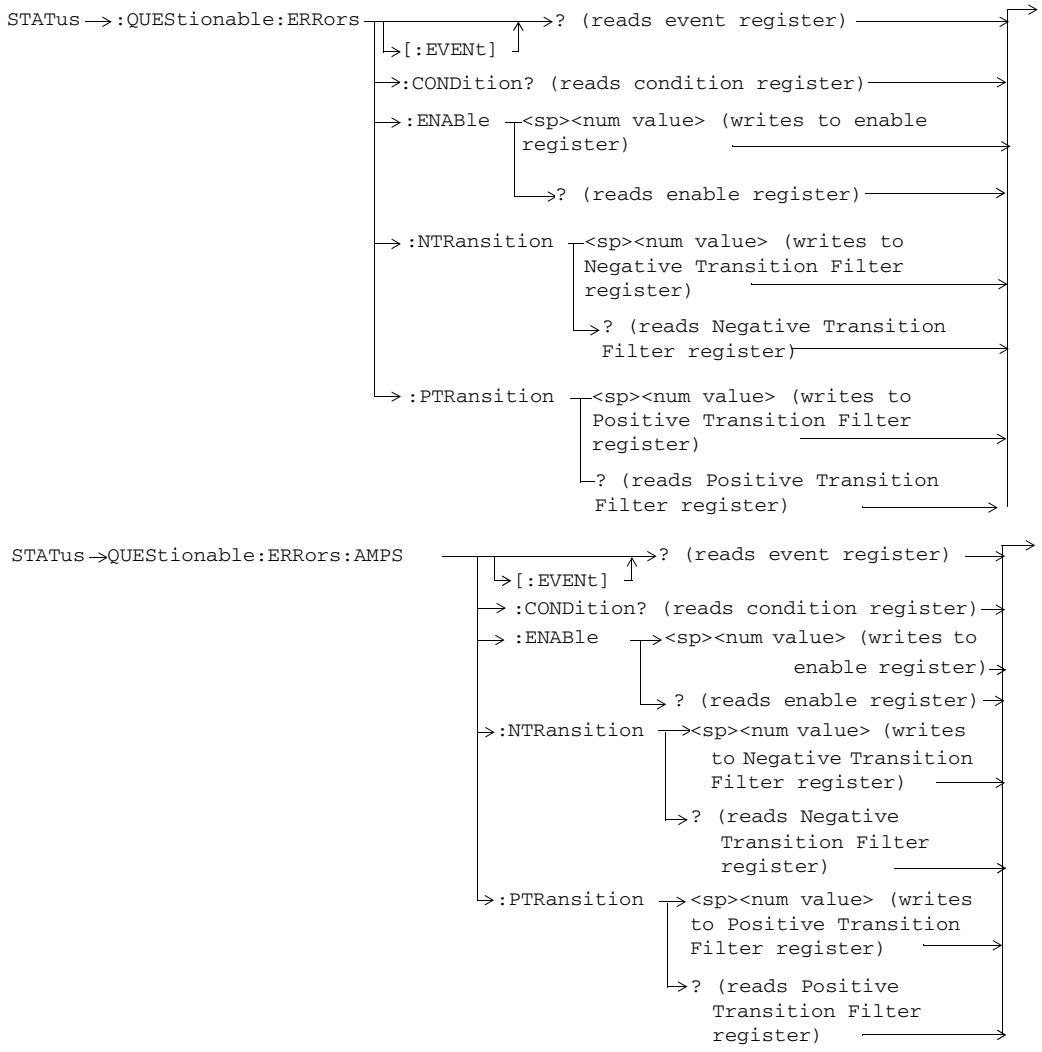
STATus:PRESet

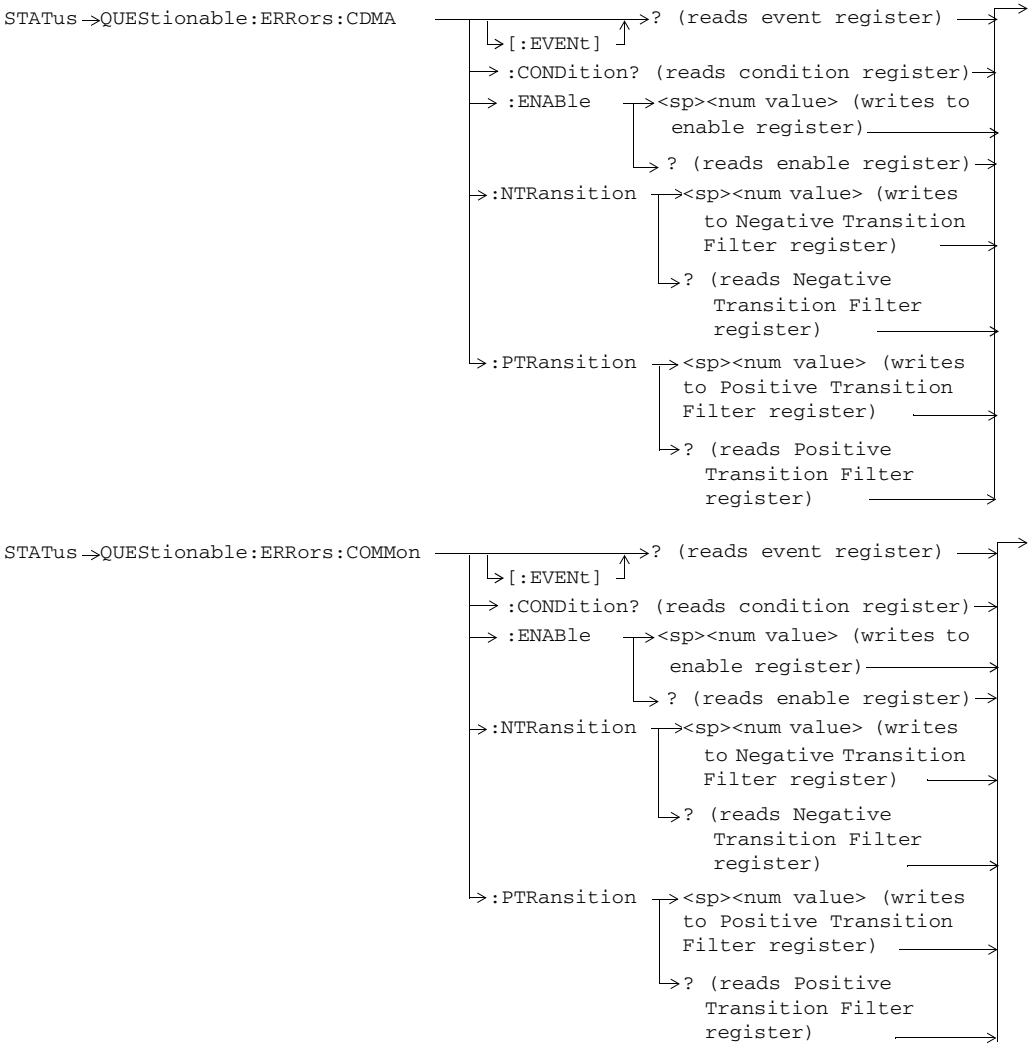


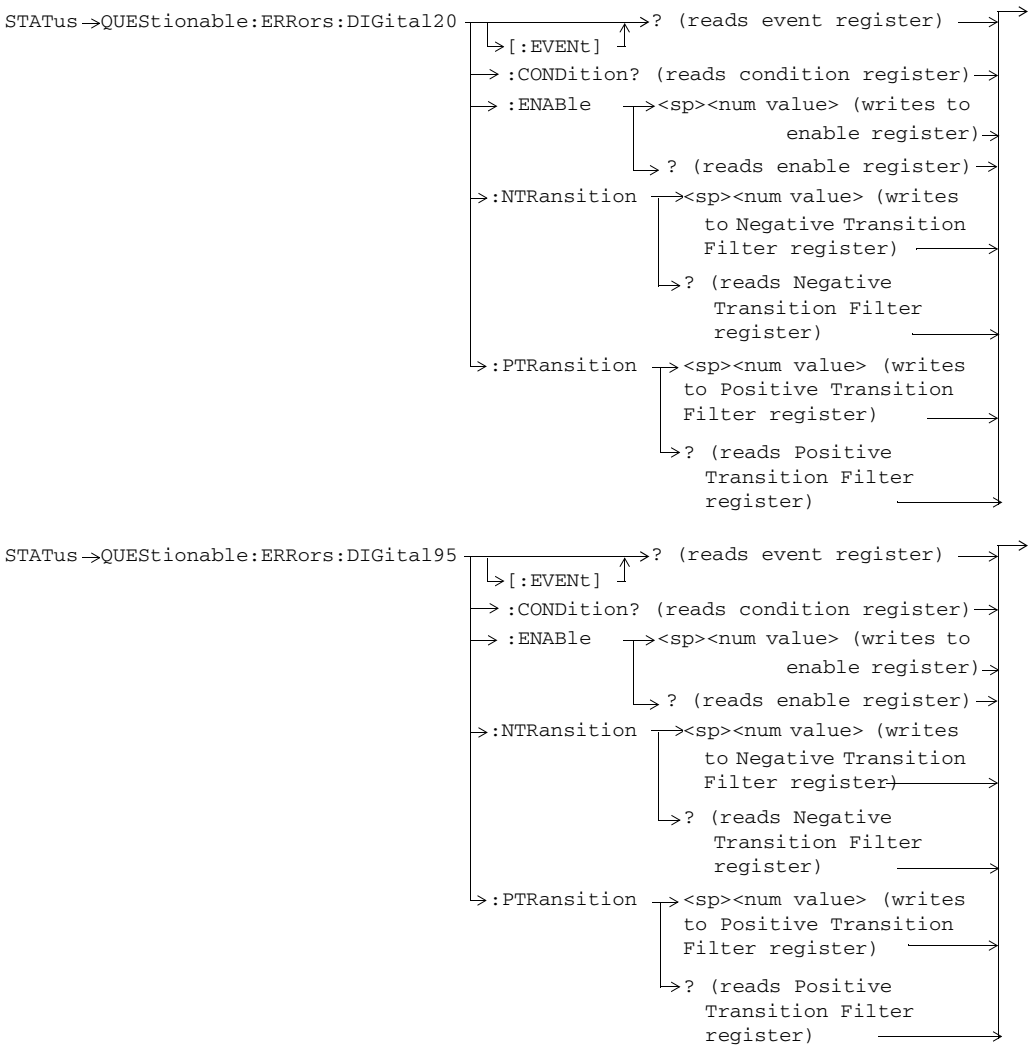
STATus:QUEStionable

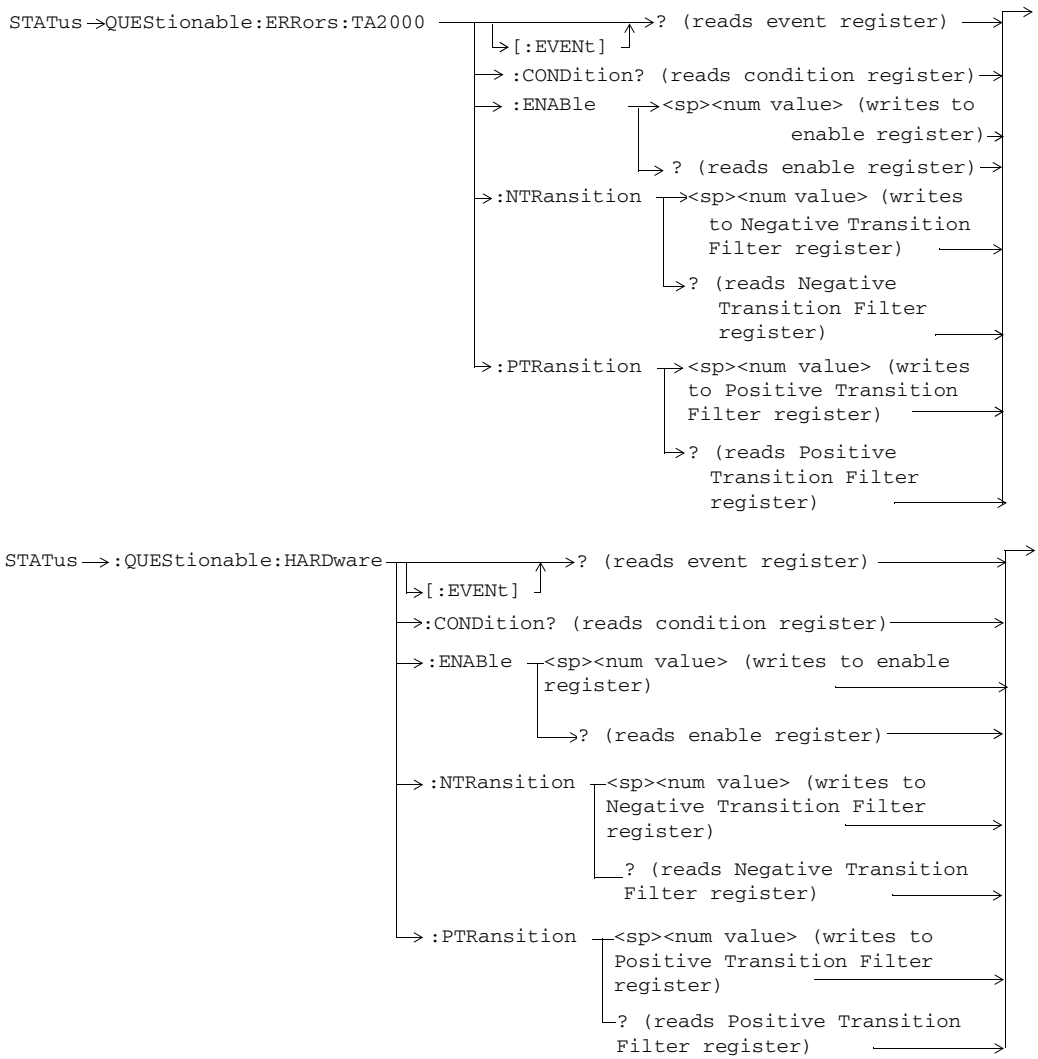



STATus→QUEStionable:CALL:CDMA
? (reads event register)
[:EVENt]
:CONDition? (reads condition register)
:ENABle
<sp><num value> (writes to enable register)
? (reads enable register)
:NTRansition
<sp><num value> (writes to Negative Transition Filter register)
? (reads Negative Transition Filter register)
:PTRansition
<sp><num value> (writes to Positive Transition Filter register)
? (reads Positive Transition Filter register)
STATus→QUEStionable:CALL:TA2000
? (reads event register)
[:EVENt]
:CONDition? (reads condition register)
:ENABle
<sp><num value> (writes to enable register)
? (reads enable register)
:NTRansition
<sp><num value> (writes to Negative Transition Filter register)
? (reads Negative Transition Filter register)
:PTRansition
<sp><num value> (writes to Positive Transition Filter register)
? (reads Positive Transition Filter register)


STATus :QUEStionable:ERRors
[:EVENt]
? (reads event register)
:CONDition? (reads condition register)
:ENABle
<sp><num value> (writes to enable register)
? (reads enable register)
:NTRansition
<sp><num value> (writes to Negative Transition Filter register)
? (reads Negative Transition Filter register)
:PTRansition
<sp><num value> (writes to Positive Transition Filter register)
? (reads Positive Transition Filter register)
STATus :QUEStionable:ERRors:AMPS
[:EVENt]
? (reads event register)
:CONDition? (reads condition register)
:ENABle
<sp><num value> (writes to enable register)
? (reads enable register)
:NTRansition
<sp><num value> (writes to Negative Transition Filter register)
? (reads Negative Transition Filter register)
:PTRansition
<sp><num value> (writes to Positive Transition Filter register)
? (reads Positive Transition Filter register)

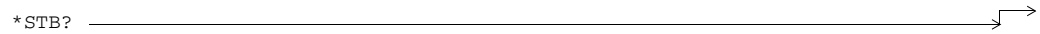

STATus:QUEStionable:ERRors:CDMA
[:EVENt]
? (reads event register)
:CONDition? (reads condition register)
:ENABle
<sp><num value> (writes to enable register)
? (reads enable register)
:NTRansition
<sp><num value> (writes to Negative Transition Filter register)
? (reads Negative Transition Filter register)
:PTRansition
<sp><num value> (writes to Positive Transition Filter register)
? (reads Positive Transition Filter register)
STATus:QUEStionable:ERRors:COMMon
[:EVENt]
? (reads event register)
:CONDition? (reads condition register)
:ENABle
<sp><num value> (writes to enable register)
? (reads enable register)
:NTRansition
<sp><num value> (writes to Negative Transition Filter register)
? (reads Negative Transition Filter register)
:PTRansition
<sp><num value> (writes to Positive Transition Filter register)
? (reads Positive Transition Filter register)


STATus
QUEStionable:ERRors:DIGital20
? (reads event register)
[:EVENt]
:CONDition? (reads condition register)
:ENABle
<sp><num value> (writes to enable register)
? (reads enable register)
:NTRansition
<sp><num value> (writes to Negative Transition Filter register)
? (reads Negative Transition Filter register)
:PTRansition
<sp><num value> (writes to Positive Transition Filter register)
? (reads Positive Transition Filter register)
STATus
QUEStionable:ERRors:DIGital95
? (reads event register)
[:EVENt]
:CONDition? (reads condition register)
:ENABle
<sp><num value> (writes to enable register)
? (reads enable register)
:NTRansition
<sp><num value> (writes to Negative Transition Filter register)
? (reads Negative Transition Filter register)
:PTRansition
<sp><num value> (writes to Positive Transition Filter register)
? (reads Positive Transition Filter register)


STATus
QUEStionable:ERRors:TA2000
[:EVENt]
? (reads event register)
:CONDition? (reads condition register)
:ENABle
<sp><num value> (writes to enable register)
? (reads enable register)
:NTRansition
<sp><num value> (writes to Negative Transition Filter register)
? (reads Negative Transition Filter register)
:PTRansition
<sp><num value> (writes to Positive Transition Filter register)
? (reads Positive Transition Filter register)
STATus
:QUEStionable:HARDware
[:EVENt]
? (reads event register)
:CONDition? (reads condition register)
:ENABle
<sp><num value> (writes to enable register)
? (reads enable register)
:NTRansition
<sp><num value> (writes to Negative Transition Filter register)
? (reads Negative Transition Filter register)
:PTRansition
<sp><num value> (writes to Positive Transition Filter register)
? (reads Positive Transition Filter register)

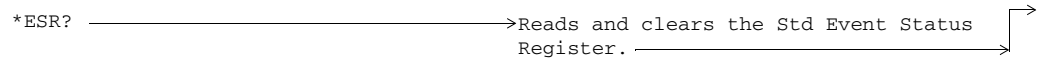
Status Byte Register

***STB?**

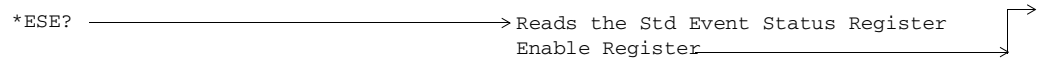


Standard Event Status Register

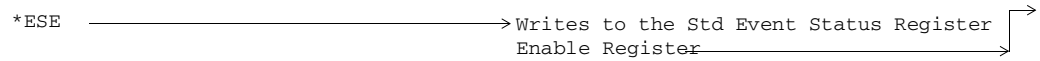
***ESR?**



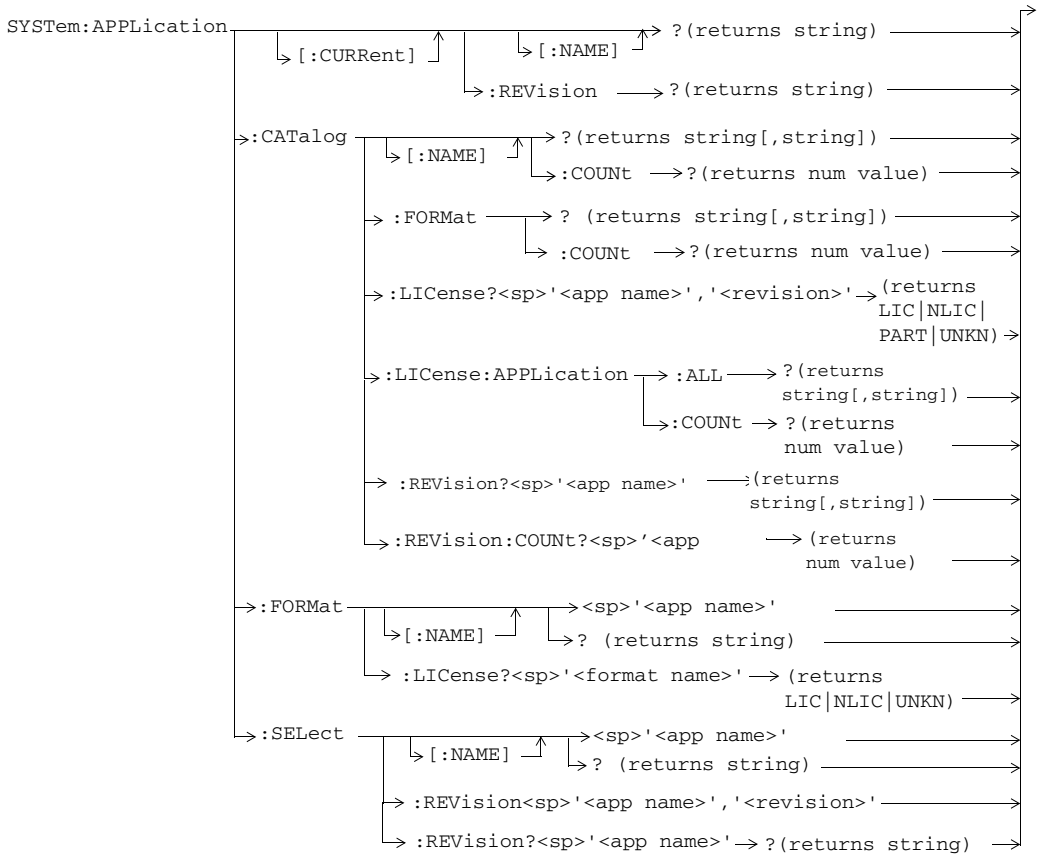
***ESE?**



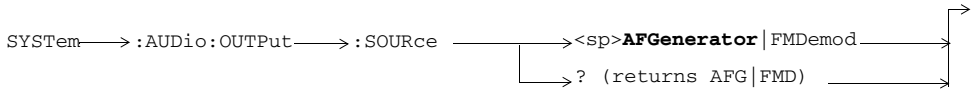
***ESE**

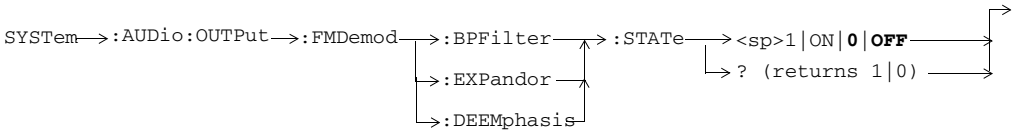


SYSTem:APPLication

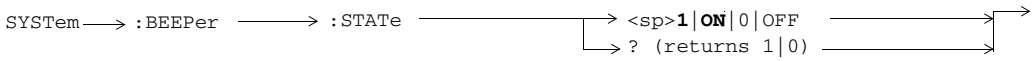


SYSTem:AUDio

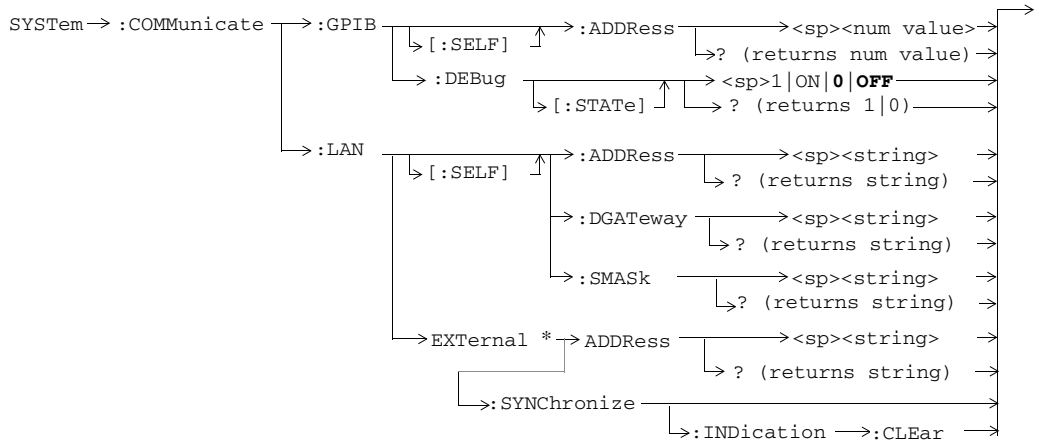




SYSTem:BEEPer

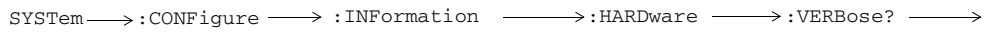


SYSTem:COMMunicate

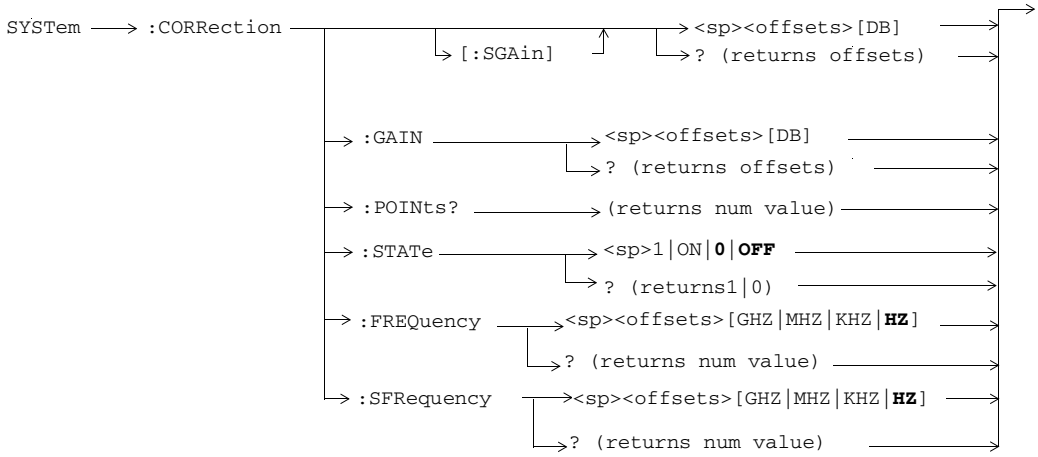


* This command is only applicable to the lab application.

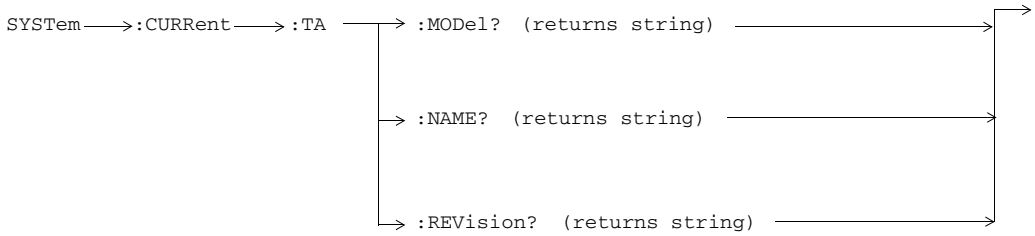
SYSTem:CONFigure



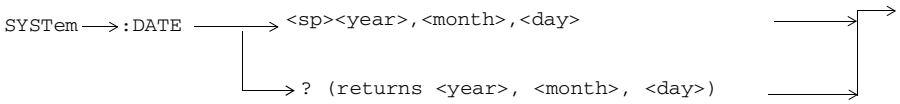
SYSTem:CORRection



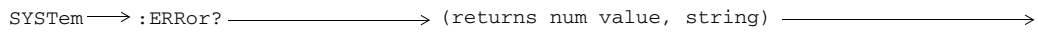
SYSTem:CURRent:TA



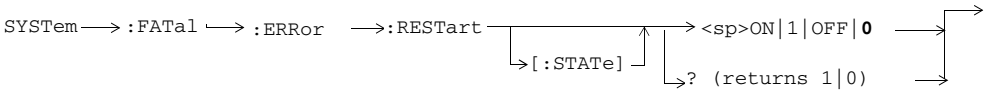
SYSTem:DATE



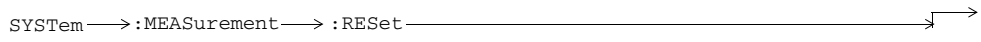
SYSTem:ERRor?



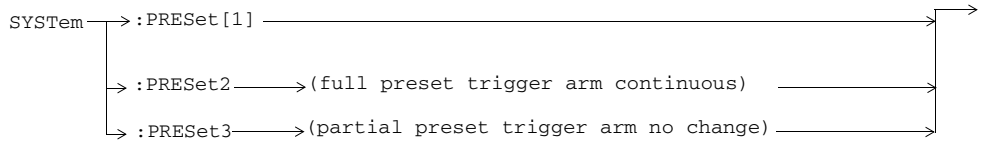
SYSTem:FATal



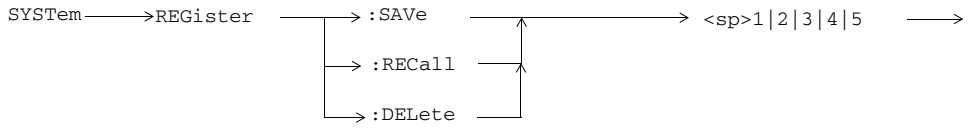
SYSTem:MEASurement



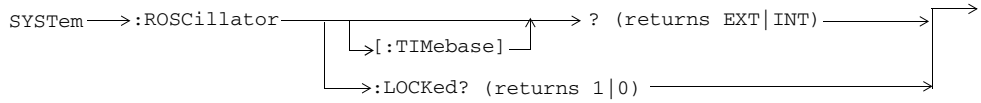
SYSTem:PRESet



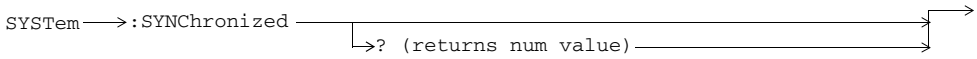
SYSTem:REGister



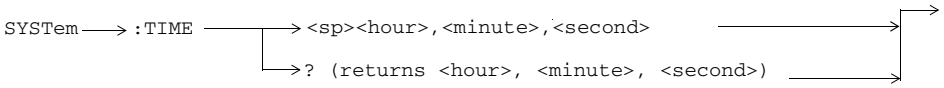
SYSTem:ROSCillator



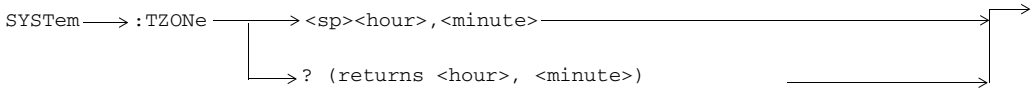
SYSTem:SYNChronized



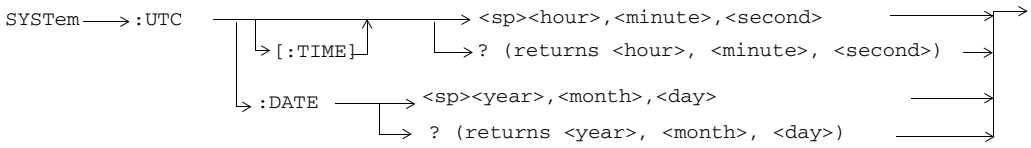
SYSTem:TIME



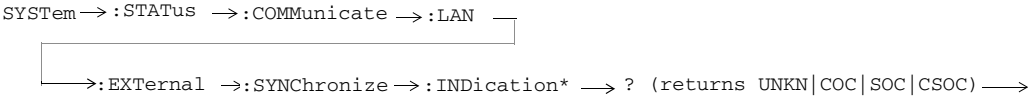
SYSTem:TZONe



SYSTem:UTC



SYSTem:STATus



* This command is only applicable to the lab application.

IEEE 488.2 Common Commands

Description

***CLS** The *CLS, clear status command, is defined in “IEEE Std 488.2-1992”, 10.3. This command will also clear and close the error message screen on the test set’s display.

***ESE** The *ESE, standard event status enable command, is defined in “IEEE Std 488.2-1992”, 10.10.

***ESE?** The *ESE?, standard event status enable query, is defined in “IEEE Std 488.2-1992”, 10.11.

***ESR?** The *ESR?, standard event status register query, is defined in “IEEE Std 488.2-1992 “,10.12.

***IDN?** The *IDN?, identification query, is defined in “IEEE Std 488.2-1992”, 10.14.*IDN? is used to retrieve information about the test set in ASCII format.

*IDN?, returns ASCII codes 32 through 126 excluding comma and semicolon in four comma separated fields. Field 1 returns the manufacturer, field 2 returns the instrument model number, field 3 returns the serial number, field 4 returns 0.

***OPC** The *OPC, operation complete command, is defined in “IEEE 488.2-1992”, 10.18. *OPC causes the test set to continuously sense the No Operation Pending flag. When the No Operation Pending flag becomes TRUE, the OPC event bit in the standard event status register (ESR) is set to indicate that the state of all pending operations is completed. The *OPC common command is not recommended for use as an overlapped command.

***OPC?** The *OPC?, operation complete query, is defined in “IEEE Std 488.2-1992”, 10.19. The *OPC? query allows synchronization between the controller and the test set using either the message available (MAV) bit in the status byte, or a read of the output OPC?. The *OPC? query does not effect the OPC event bit in the Standard Event Status Register (ESR). The *OPC? common command is not recommended for use as an overlapped command.

***OPT?** The *OPT?, option identification query, is defined in “IEEE Std 488.2-1992”, 10.20. Each option will have a unique name, that name will be retuned with the query.

***RST** The *RST, full preset command, is defined in “IEEE Std 488.2-1992”, 10.32. *RST is the recommended command when performing a full preset on the test set. A *RST restores the majority of settings to their default values.

- *RST sets trigger arm to single
- PRESet2 sets trigger arm to continuous

***SRE** The *SRE, service request enable command, is defined in “IEEE Std 488.2-1992”, 10.34. The parameter range for this command is 0 through 255.

***SRE?** The *SRE?, service request enable query, is defined in “IEEE Std 488.2-1992”, 10.35. Values returned by this query range from 0 through 255.

***STB?** The *STB?, read status byte query, is defined in “IEEE Std 488.2-1992”, 10.36. Values returned by this query range from 0 through 255.

***WAI** The *WAI, wait-to-continue command, is defined in “IEEE Std 488.2-1992”, 10.39. The *WAI command prevents the test set from executing any further commands or queries until all pending operation flags are false. The *WAI common command is not recommended for use as an overlapped command.

Index

To find a syntax equivalent for a field on the Test Set's display.

1. Find the field name on the Test Set's display.

2. Look up the name in the alphabetical listing.

3. Turn to the page indicated.

Index

Index

Index