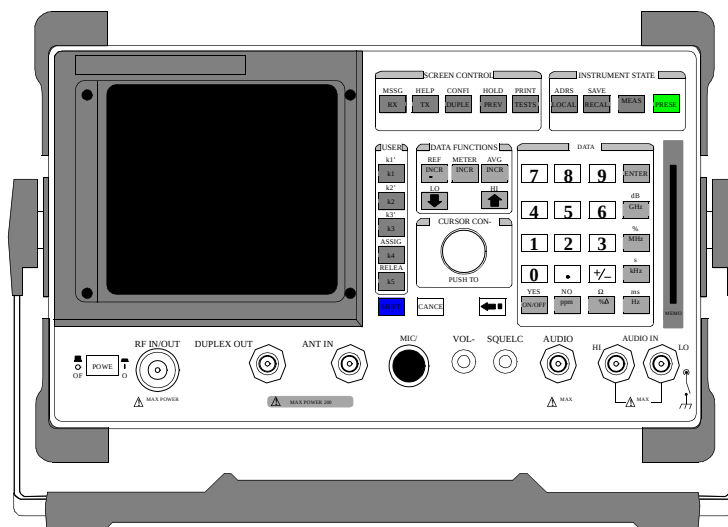
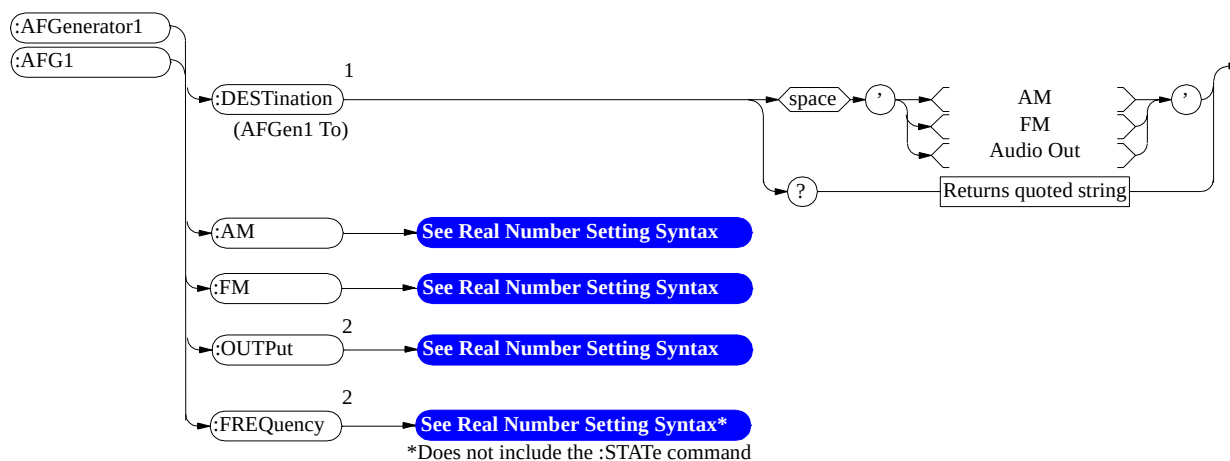




Rev. D

AF Generator 1

AF Generator 1



¹In setting AFGenerator 1, you must first select a destination (DESTination), then set the modulation depth (AM), or deviation (FM) or amplitude (OUTPut), then set the modulation rate or audio output frequency (FREQuency)

²AM sets depth when DESTination set to AM.

FM sets deviation when DESTination set to FM.

OUTPut sets amplitude when DESTination set to Audio Out.

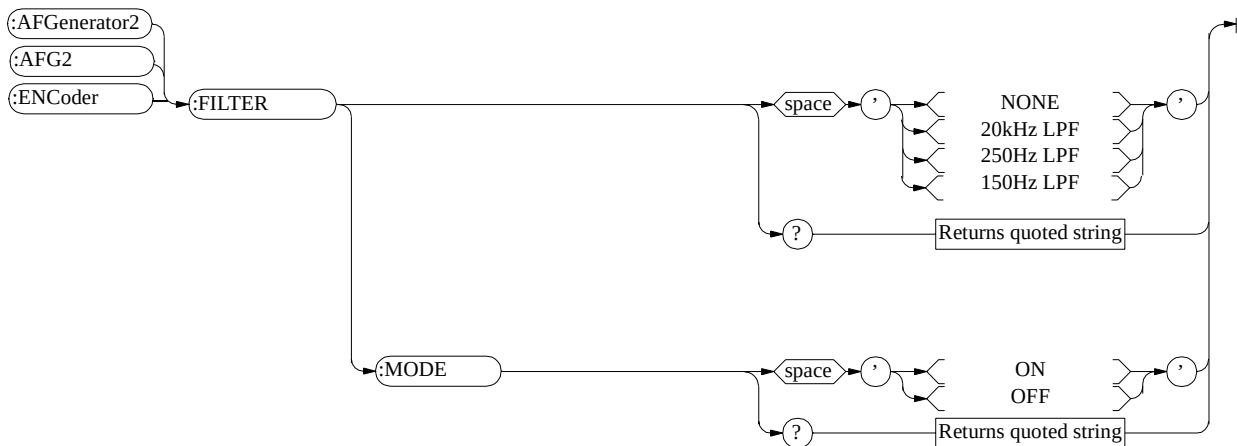
FREQuency sets modulation rate when DESTination set to AM, FM.

FREQuency sets audio output frequency when DESTination set to Audio Out.

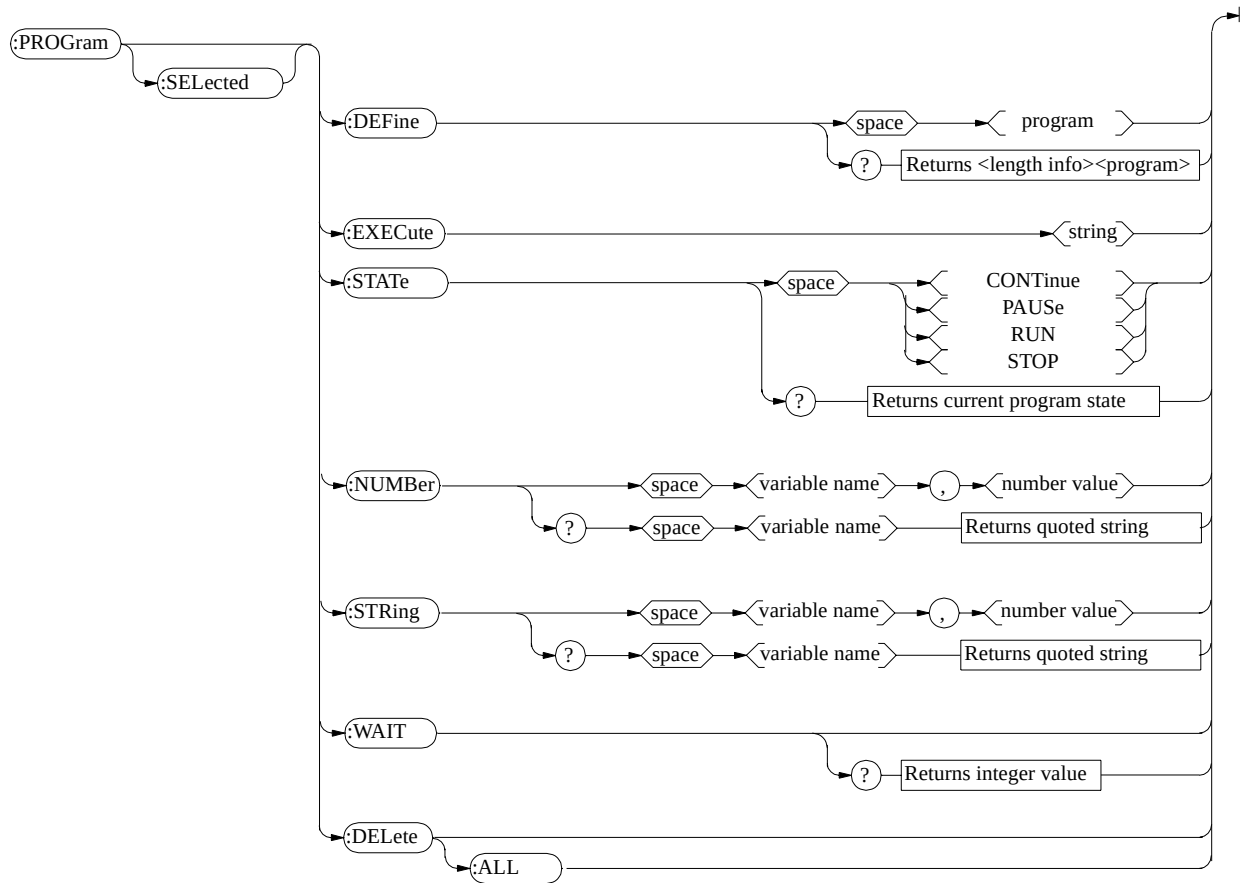
AF Generator 2 Pre-Modulation Filters

To improve performance, one of four pre-modulation filters is *automatically* selected for each Encoder Mode. The automatically selected filter can only be changed using GPIB commands; however, we recommend you do not change this setting. In order to change the automatically selected filter, the Filter Mode must be set to ON. Filter Mode ON allows independent selection of filters. The Filter Mode ON command must be executed first to override default settings. Filter Mode OFF is the power up default state. The following error will occur if the user attempts to select an alternate filter without first setting the Filter Mode to ON:
Entry not accepted. Auto entries take precedence. The syntax to change or query the premodulation filter is shown below.

```
AFG2:FILTER:MODE 'ON|OFF'(select one)
AFG2:FILTER:MODE?(query the current mode setting)
AFG2:FILTER 'NONE|20kHz LPF|250Hz LPF|150Hz LPF'(select one)
AFG2:FILTER?(query the current filter setting)
```

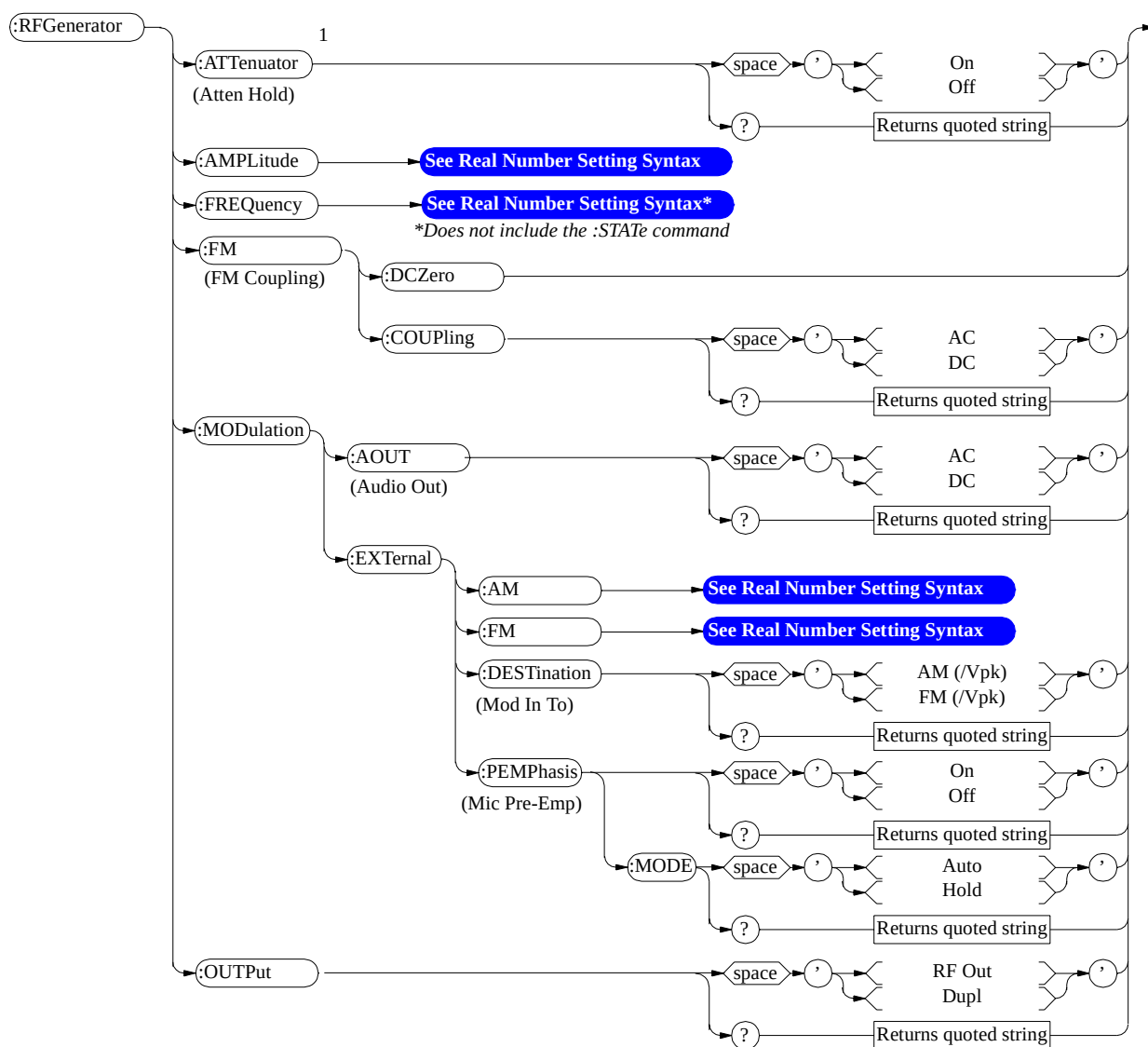


Program



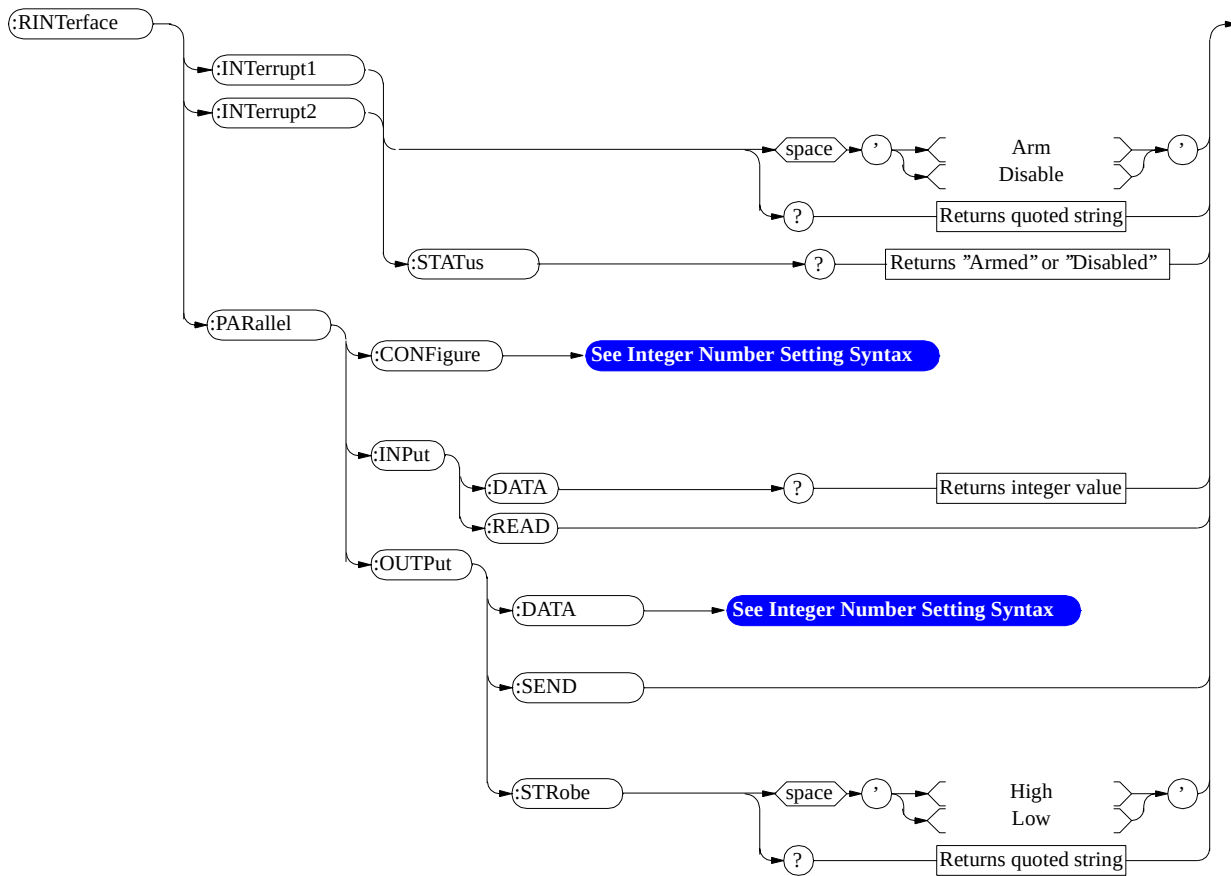
RF Generator

For RF Generator measurements see the MEASure command diagram.

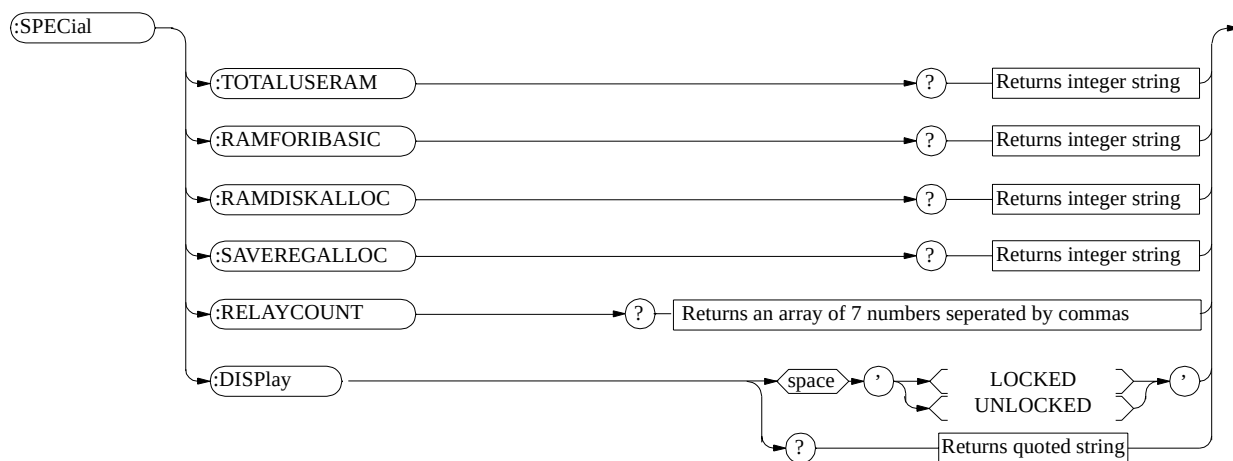


¹ RF power must not be applied while zeroing. Set the **RF GENERATOR** screen **Amplitude** field to off to prevent internal cross-coupling into the power detector while zeroing.

Radio Interface

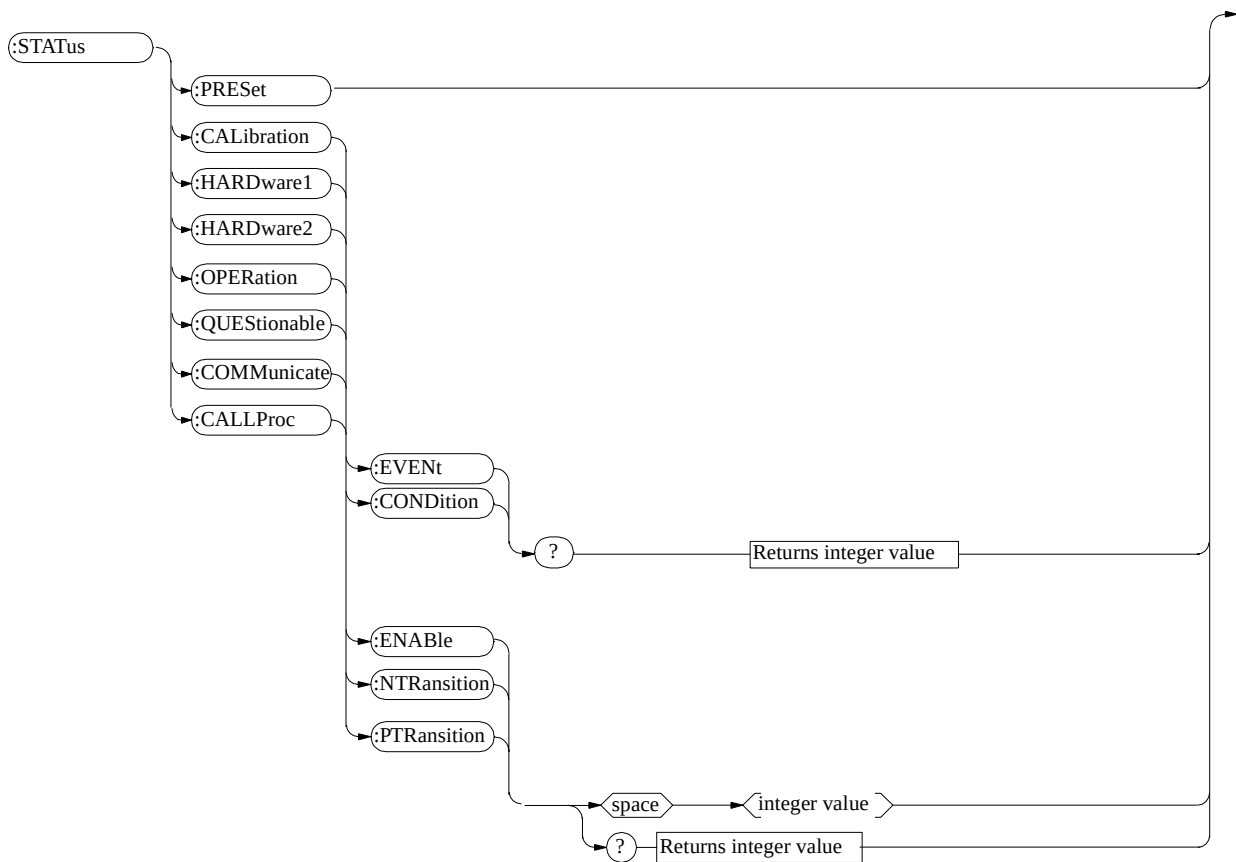


GPIB Only Commands



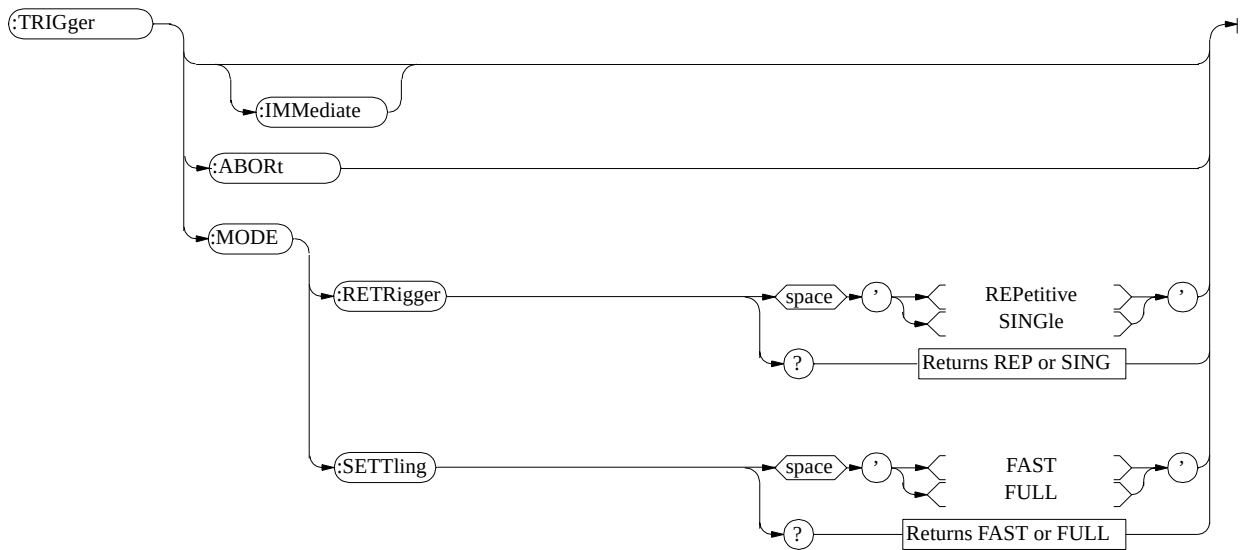
Status

Status

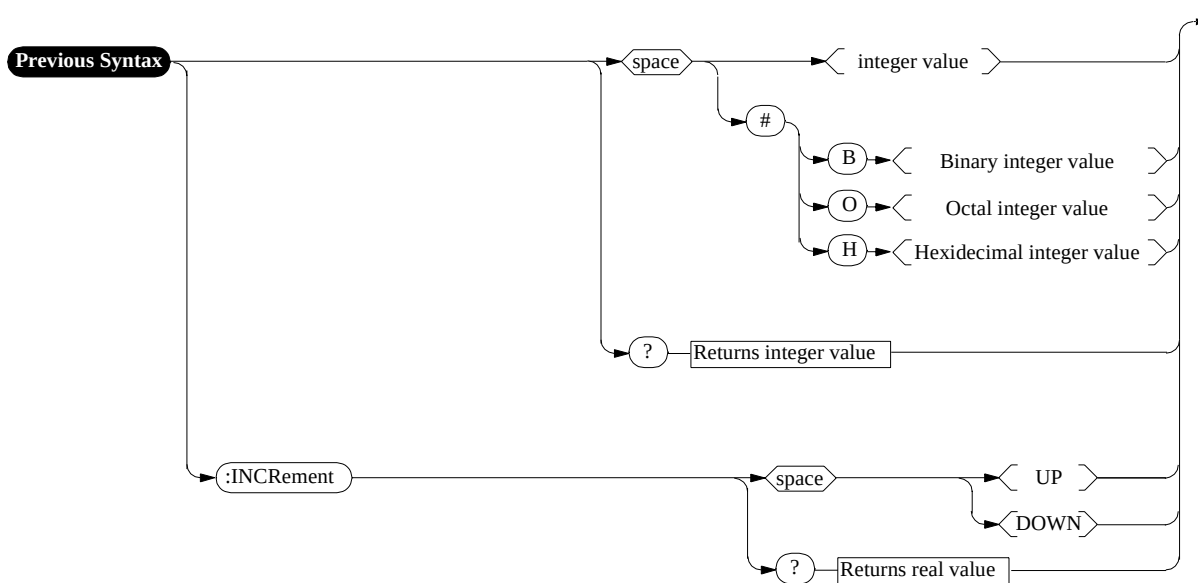


System

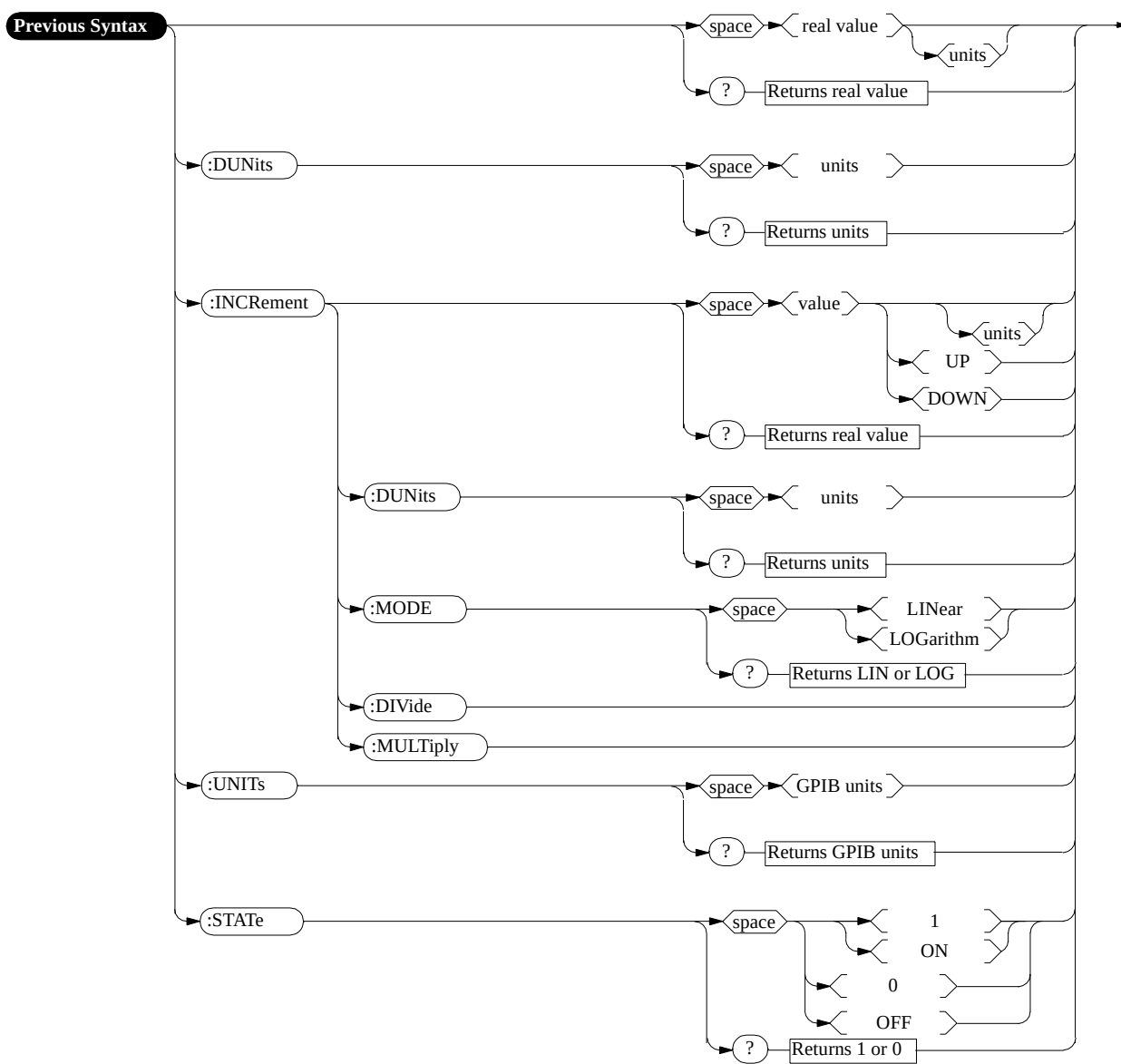
Trigger



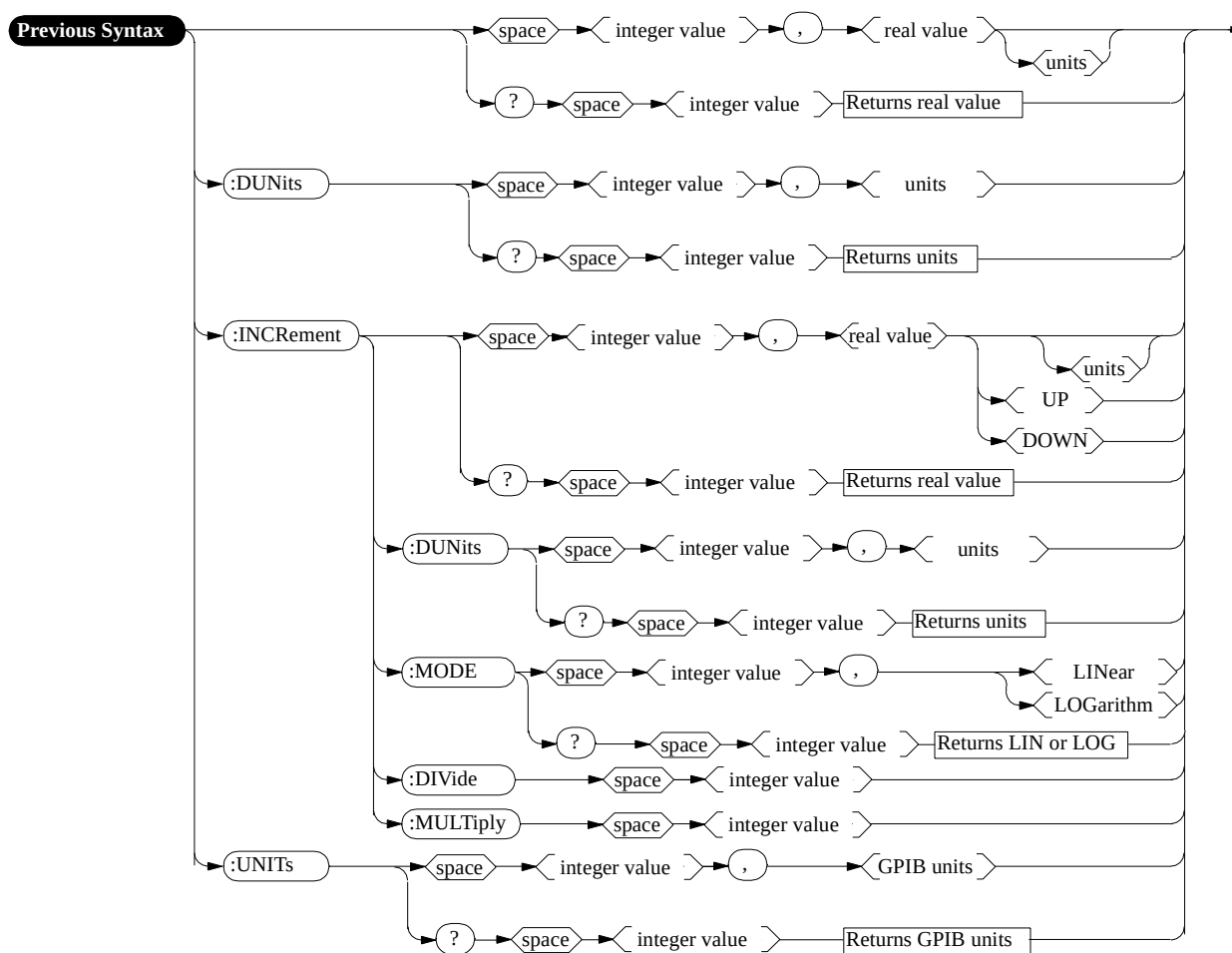
Integer Number Setting Syntax



Real Number Setting Syntax



Multiple Real Number Setting Syntax



Multiple Number Measurement Syntax

