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SG6000



SWEEPING COMMAND EXAMPLE

The SG6000 RF Signal Generator can sweep a frequency range once configured from a host system. Here is an example of the commands to send to setup a new sweep.

```
SWE:MODE SCAN
FREQ:START 2000MHZ
FREQ:STOP 4000MHZ
SWE:POINTS 100
SWE:DWELL 200
LIST:DIR DOWN
INIT:CONT 0
TRIG:SWEEP
INIT:IMM
```

*Notes:

- Leave a small delay between sending commands
- Dwell time is in mS
- In "TRIG:STEP" mode, the "INIT:IMM" command would be sent again for EACH frequency point, dwell time has no affect

```
SWE:MODE SCAN
FREQ:START 3000MHZ
FREQ:STOP 5000MHZ
SWE:POINTS 20
LIST:DIR UP
INIT:CONT 1
TRIG:STEP
INIT:IMM
INIT:IMM
INIT:IMM
```

...

*Notes:

- In this mode the trigger command "INIT:IMM" only jumps once per execution
- Because INIT:CONT is set to 1, the device will accept the trigger command indefinitely until the ABORT command is sent.

For more information or questions contact us.

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