

Simple Guide to Using Waveform Patterns

Vector Signal Generator MG3710A

Analog Signal Generator MG3740A

This guide explains the Vector Signal Generator MG3710A and Analog Signal Generator MG3740A (with Digital Modulation option) procedures for copying and loading waveform patterns and selecting the signal for output.

[Flow using Waveform Pattern]

- ① Copy the new waveform patterns from external memory to the main unit hard disk.
- ② Load the waveform patterns to be used from the main unit hard disk to the main unit waveform memory.
- ③ With the waveform patterns loaded in waveform memory, select one to output.
- ④ Set the frequency and level.
- ⑤ Enable (On) modulation and output.

This guide explains the simple measurement procedures, and other operations are set in a similar manner. For details, read the following sections in the operation manual.

MG3710A Vector Signal Generator MG3740A Analog Signal Generator

Operation Manual

Chapter 4 Frequency

Chapter 5 Output Level

Chapter 7 Modulation

7.3.6 Copying external waveform pattern: Copy

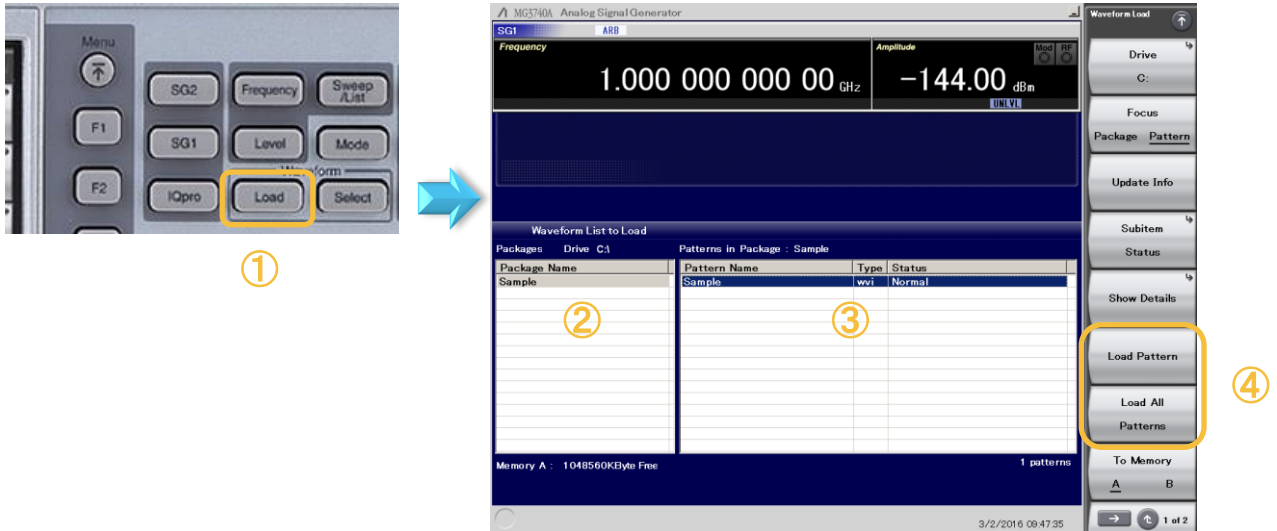
7.3.4 Loading waveform pattern: Load

7.3.5 Selecting output waveform pattern: Select

② Load: Load from main unit hard disk to main unit waveform memory

[Procedure]

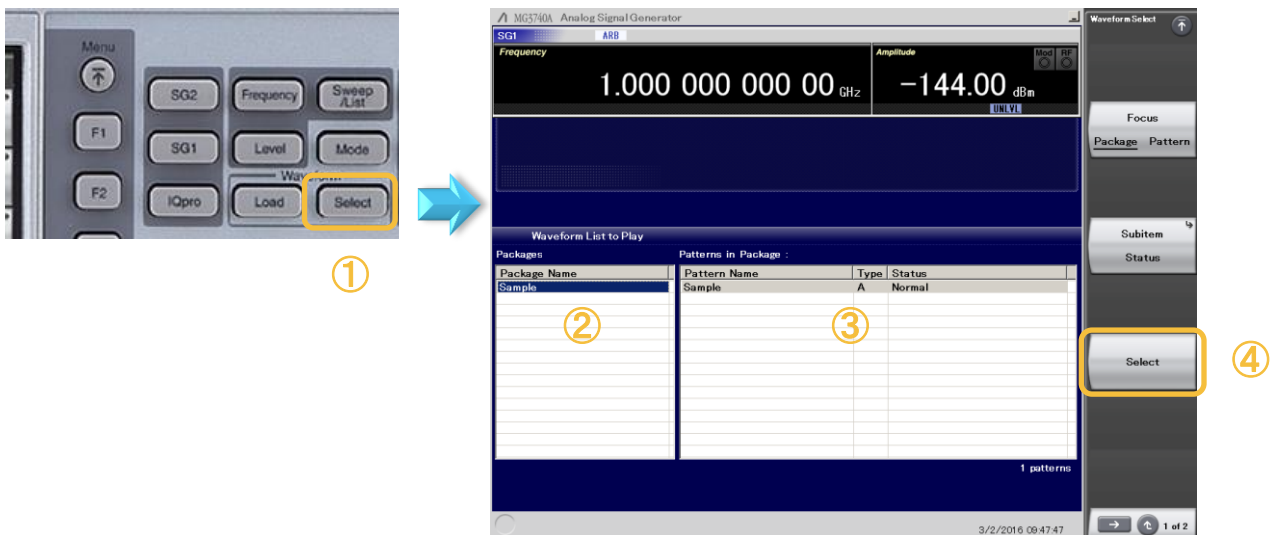
- ① Press [Load].
- ② Select the target from Packages by touching at the screen bottom left.
- ③ Select the target from Patterns in Package by touching at the screen bottom center.
- ④ Press [F6: Load Pattern] or [F7: Load All Patterns].
(To overwrite, press [F7: Confirm overwriting].)



③ Select: Select waveform pattern from main unit waveform memory

[Procedure]

- ① Press [Select].
- ② Select the target from Packages by touching at the screen bottom left.
- ③ Select the target from Patterns in Package by touching at the screen bottom center.
- ④ Press [F6: Select].



④ Set frequency and level

[Procedure] Frequency (Ex. 1 GHz)

- ① Press [Frequency].
- ② Press [1] at ten keypad and press [F1: GHz].

[Procedure] Level (Ex. -10 dBm)

- ① Press [Level].
- ② Press [-10] at ten keypad and press [F1: dBm].



⑤ Enable (On) modulation and output

[Procedure]

- ① [Mod On/Off] On = Green *Modulation on at green and off when LED off
- ② [SG On/Off] On = Orange *Signal output at orange and not output when LED off

