BER Measurement Simple Operation Guide (MG3710A-021/MG3740A-021)

Vector Signal Generator MG3710A Analog Signal Generator MG3740A

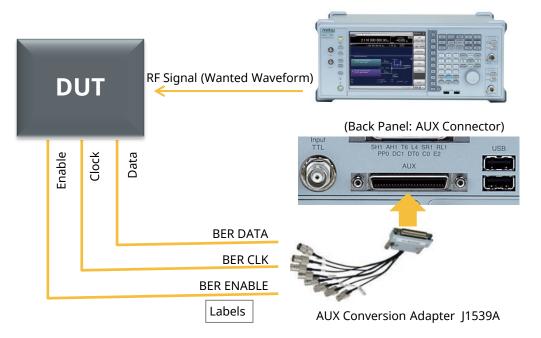
This guide outlines operation procedures for the BER Measurement Function option for the Vector Signal Generator MG3710A and Analog Signal Generator MG3740A (with Digital Modulation option).

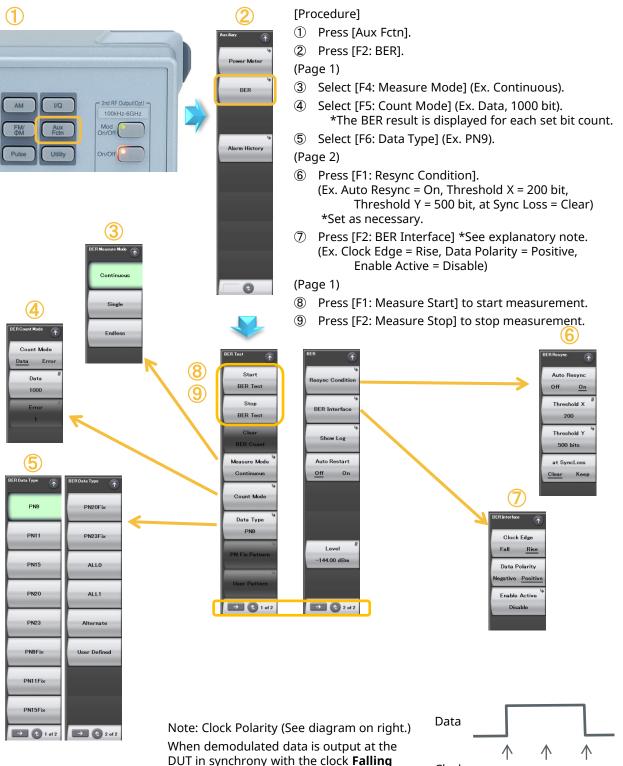
At actual measurement, it may be necessary to modify the settings in accordance with the specifications of the wireless DUT.

Read the following manuals for details of the functions, settings range and procedures. MG3710A Vector Signal Generator MG3740A Analog Signal Generator Operation Manual Chapter 8 BER Measurement

BER Measurement Setup

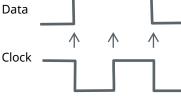
Vector Signal Generator MG3710A Analog Signal Generator MG3740A





the clock **Rising** edge. Use an oscilloscope to confirm the data and clock output from the DUT.

edge, the BER measurement is counted at



Useful Functions ①: Auto Restart

| 1 | 2 | 3 |
|--|---------------|----------------------|
| AM UQ EM Aux OM Aux Mod On/Off | Alarm History | Level -143.00 dBm |

[Procedure]

1 Press [Aux Fctn].

2 Press [F2: BER].

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③ Press [F4: Auto Restart] = On.

When the output level of the signal generator is switched when Auto Restart = On, the BER measurement result display is cleared automatically and measurement is restarted.

This solves the problem of switching between the level and BER screens.

Useful Functions ②: BER and Level Button Layout

