

Simple Edition

Discover What's Possible™

Anritsu

BER/BLER Measurement Solution for W-CDMA Receive Module

- MU860x20A Demodulation Unit
- MX860x20A W-CDMA BER/BLER Measurement Software

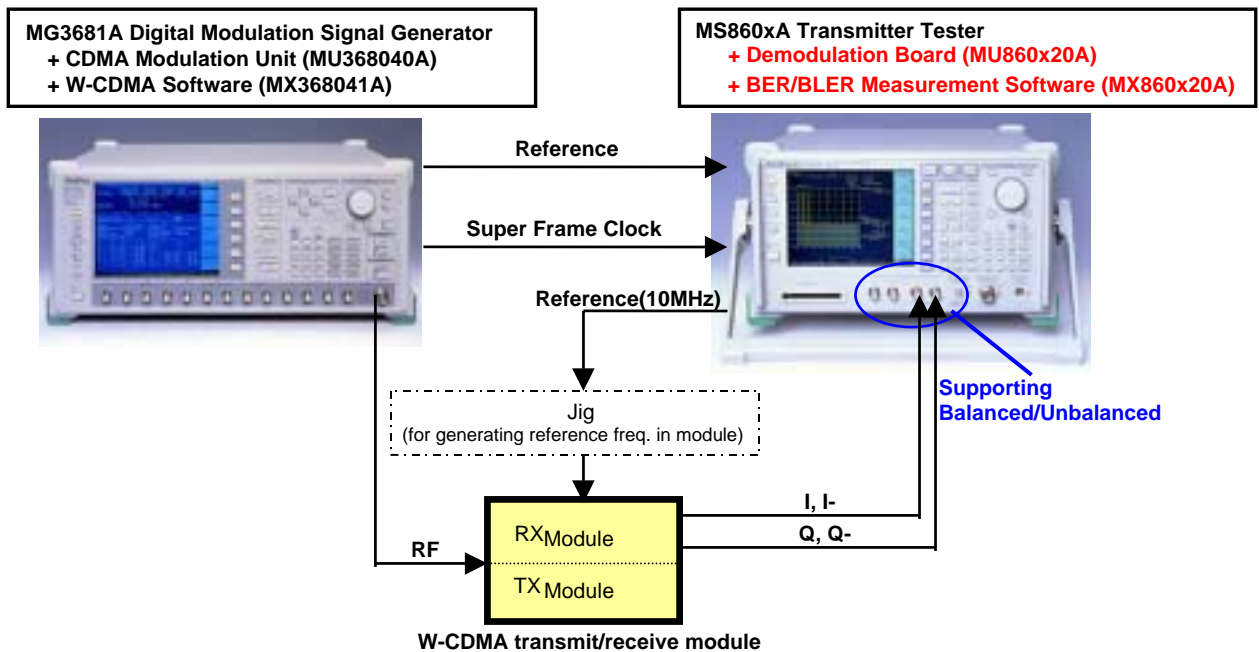
(Both incorporated in MS860xA Transmitter Tester)

BER/BLER measurement achieved at receive module level!!

Features

- Optimum for the evaluation of Direct Conversion IC!!
- BER measurement is performable with/without decoding (Viterbi, Turbo).
(BLER measurement is performable only with decoding)
- Demodulated data for log acquisition (Data, Clock, Enable, Error) and I/Q level data for module output control (12bit, Serial) are outputted from the rear.

Connection image



Required system

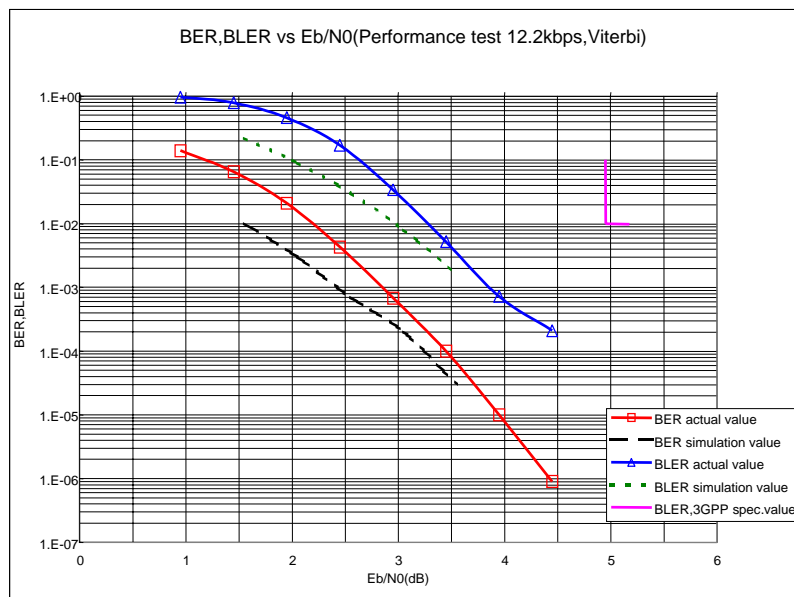
*Refer to individual catalogs for detailed configurations.

- **MS860xA Transmitter Tester (with MU860x20A/MX860x20A incorporated)**
MX860x01B W-CDMA Measurement Software (recommended)
- **MG3681A Digital Modulation Signal Generator**
MU368040A CDMA Modulation Unit
MX368041A W-CDMA Software
MU368060A AWGN Unit (recommended)

Main specifications

- Balanced input : Differential voltage: 0.1 to 1.0Vp-p (input terminal)
 In-phase voltage : $\pm 2.5V$ (input terminal)
- Unbalanced input : 0.1 to 1.0Vp-p (input terminal)
 DC/AC switchable
- BER measurement
 Bit count : 1000 to 100M, 1 Step
 PN type : PN9/15 selectable
 Result display : Error bit count/Error rate (exponent, %) display selectable
- BLER measurement
 Block count : 10 to 100000, 1 Step
 Result display : Error block count/Error rate (exponent, %) display selectable
 Setup parameter : Parameter file for 12.2kbps/64kbps/144kbps/384kbps selectable

Measurement result example (typical value)



Specifications are subject to change without notice.

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