

MODELS: FR-A840M

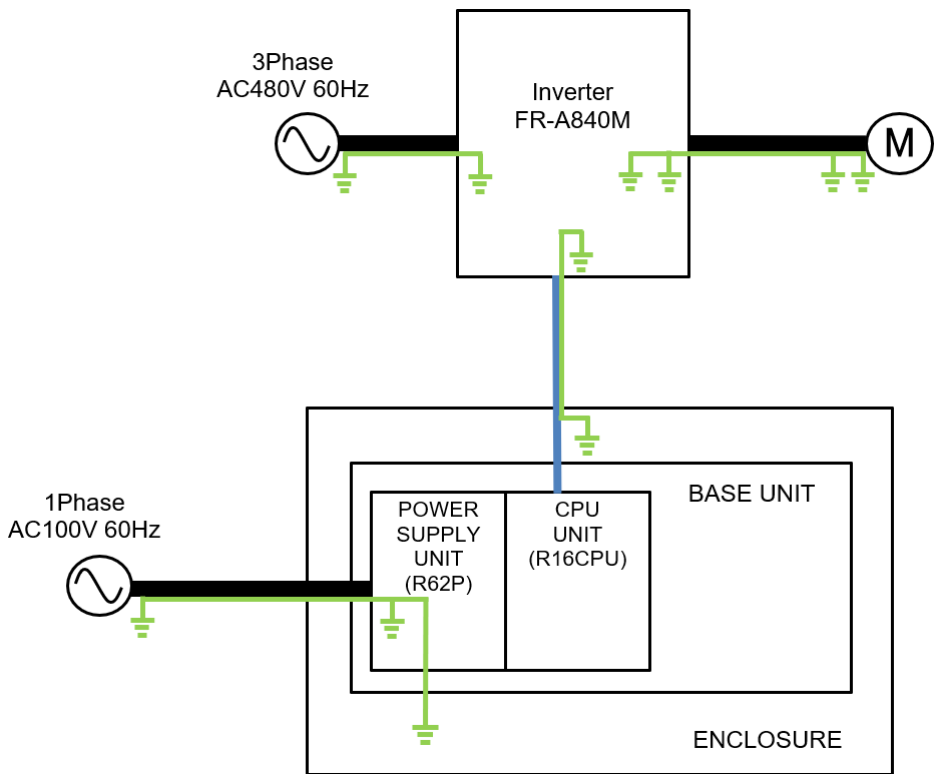
TITLE: EMC DATA EXAMPLE (FR-A840M)




EMC data example when using Mitsubishi Electric general-purpose inverter FR-A840M.

Conditions

The inverter complies with the product standards of EN 61800-3.
The measurement conditions were based on the 1st Environment Category C2 and
2nd Environment Category C3 specified in EN 61800-3.

Output interconnection (motor) length : 20m
Output cable type : Shielded cable
Inverter frequency : 30Hz
Carrier frequency : Noted for each graph



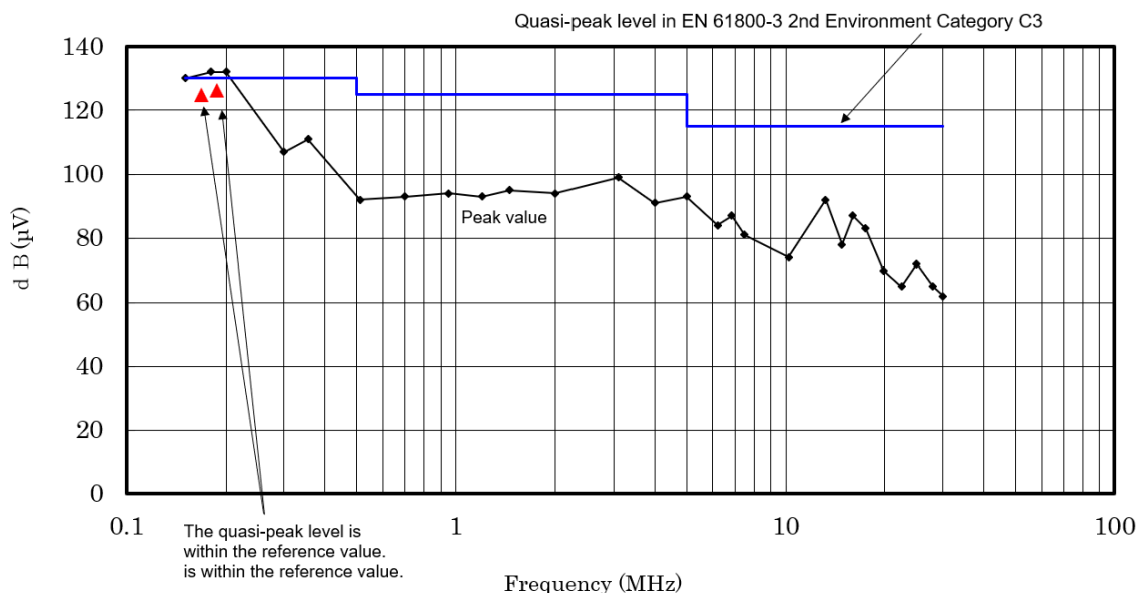
Wiring of the power supply and the motor	
Control/communication cable	
Earthing (grounding) cable	

MODELS: FR-A840M

FR-A840M-200K-E1-60B

◆ Conducted noise

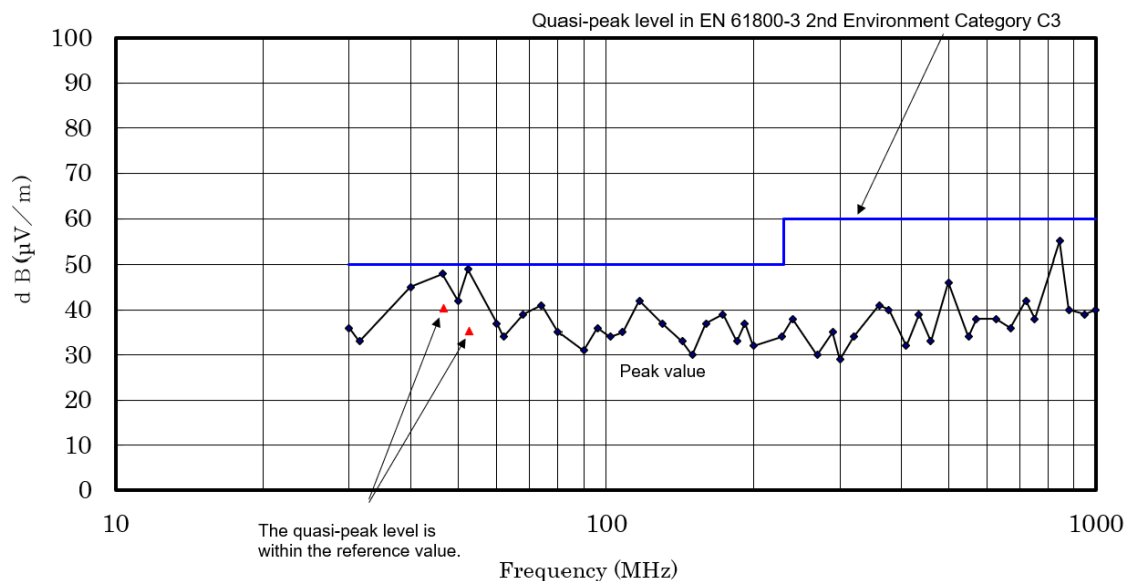
FR-A840M-200K-E1-60B (Carrier frequency : 2kHz)



(Note) The quasi-peak value is never higher than the peak value.

◆ Radiated noise

FR-A840M-200K-E1-60B (Carrier frequency : 2kHz)



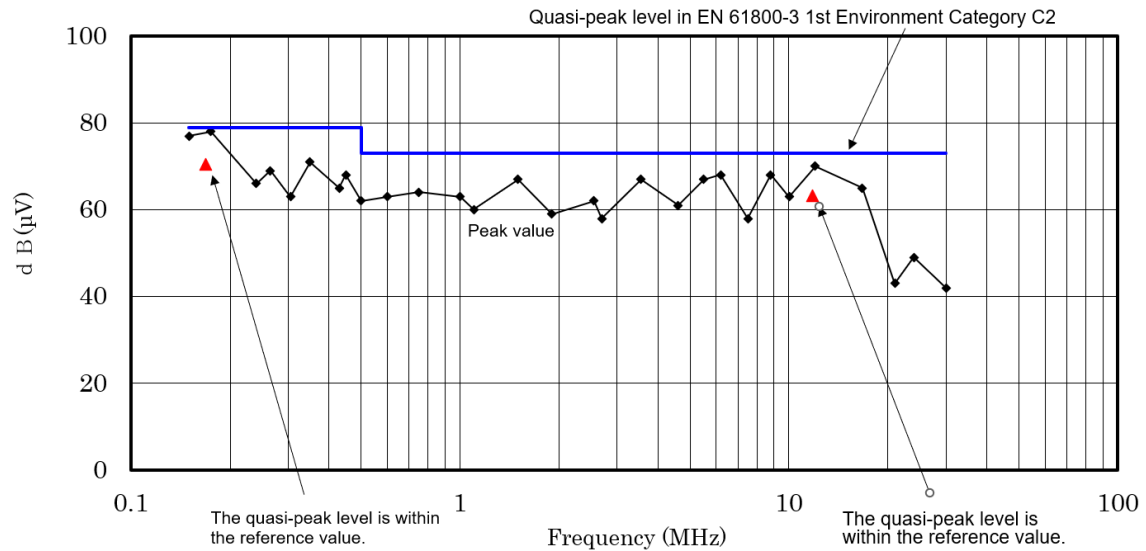
(Note) The quasi-peak value is never higher than the peak value.

MODELS: FR-A840M

• **FR-A840M-200K-E1-60BC2**

◆ **Conducted noise**

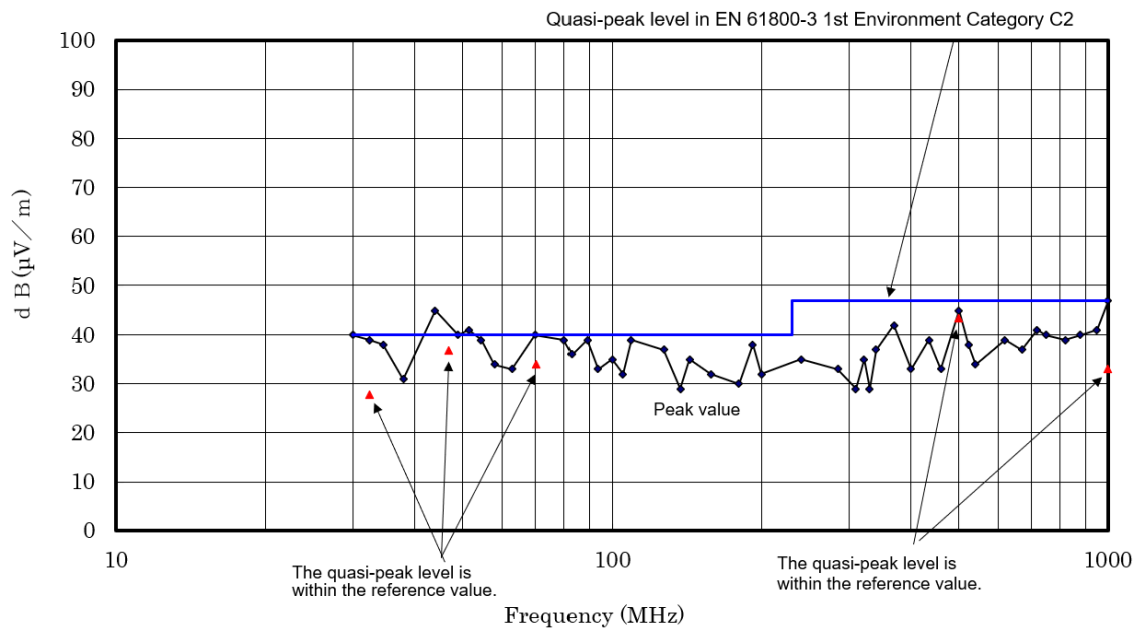
FR-A840M-200K-E1-60BC2 (Carrier frequency : 1kHz)



(Note) The quasi-peak value is never higher than the peak value.

◆ **Radiated noise (10m site)**

FR-A840M-200K-E1-60BC2 (Carrier frequency : 2kHz)



(Note) The quasi-peak value is never higher than the peak value.