MODELS: FR-A840-LC

TITLE: EMC DATA EXAMPLE (FR-A840-LC)

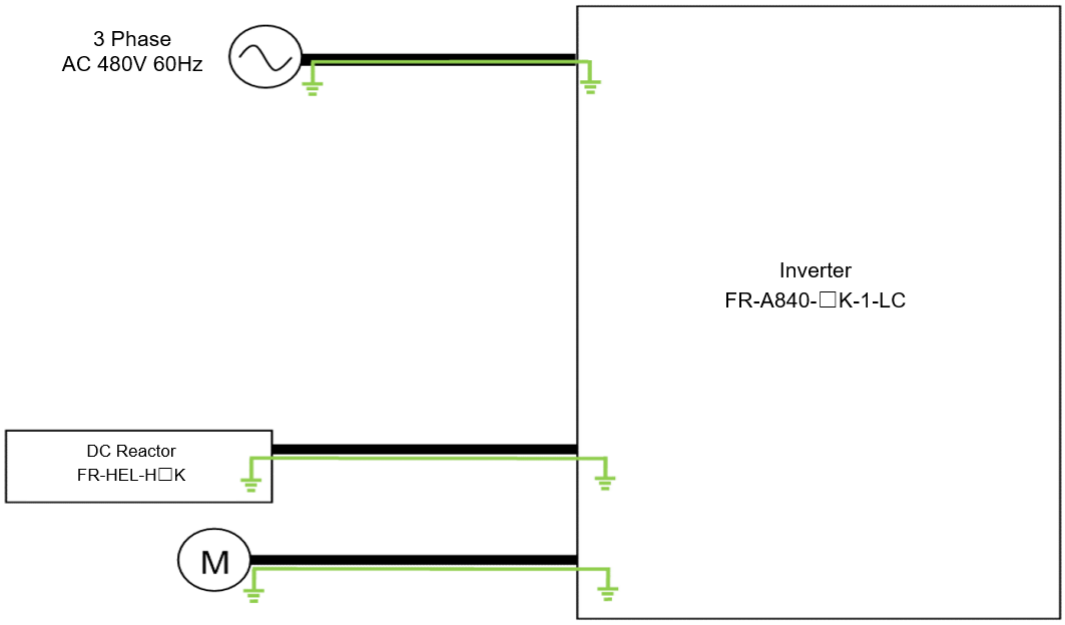
EMC data example when using liquid cooled type inverter FR-A840-LC.

Conditions

The inverter complies with the product standards of EN 61800-3.

The measurement conditions were based on the 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



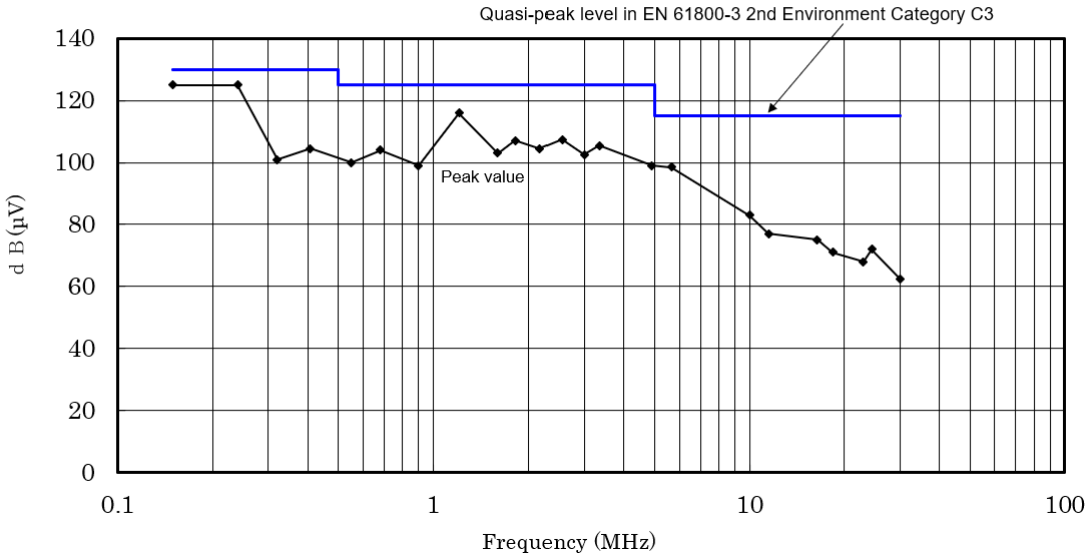
Wiring of the power supply and the motor	
Earthing (grounding) cable	

MODELS: FR-A840-LC

FR-A840-132K-LC

◆ Conducted noise

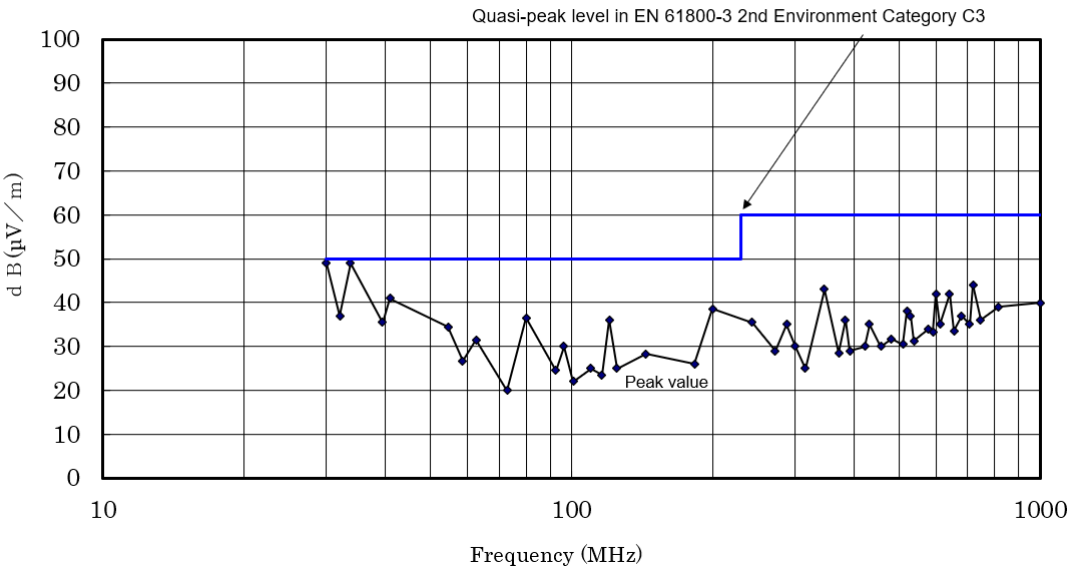
FR-A840-132K-LC（Carrier frequency：2kHz）



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

◆ Radiated noise (10m site)

FR-A840-132K-LC（Carrier frequency：2kHz）

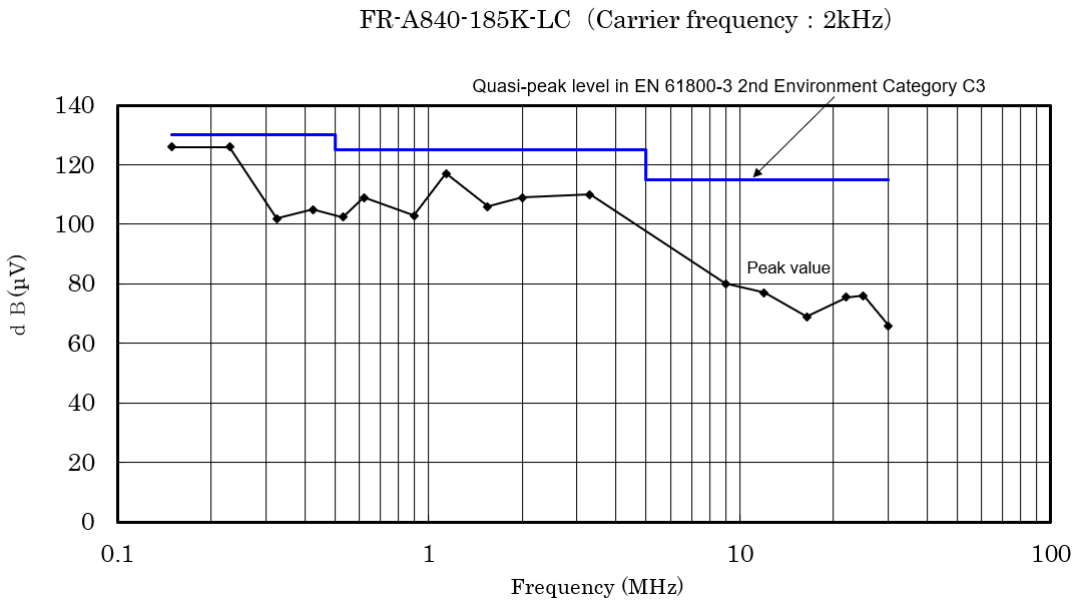


(Note) The quasi-peak value is never higher than the peak value.

MODELS: FR-A840-LC

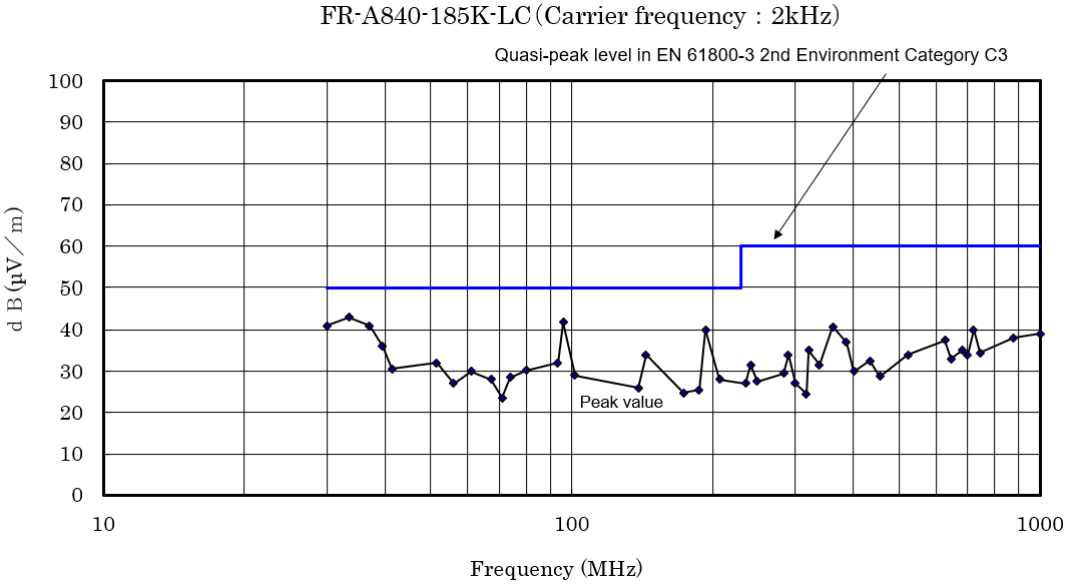
FR-A840-185K-LC

◆ Conducted noise



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

◆ Radiated noise (10m site)

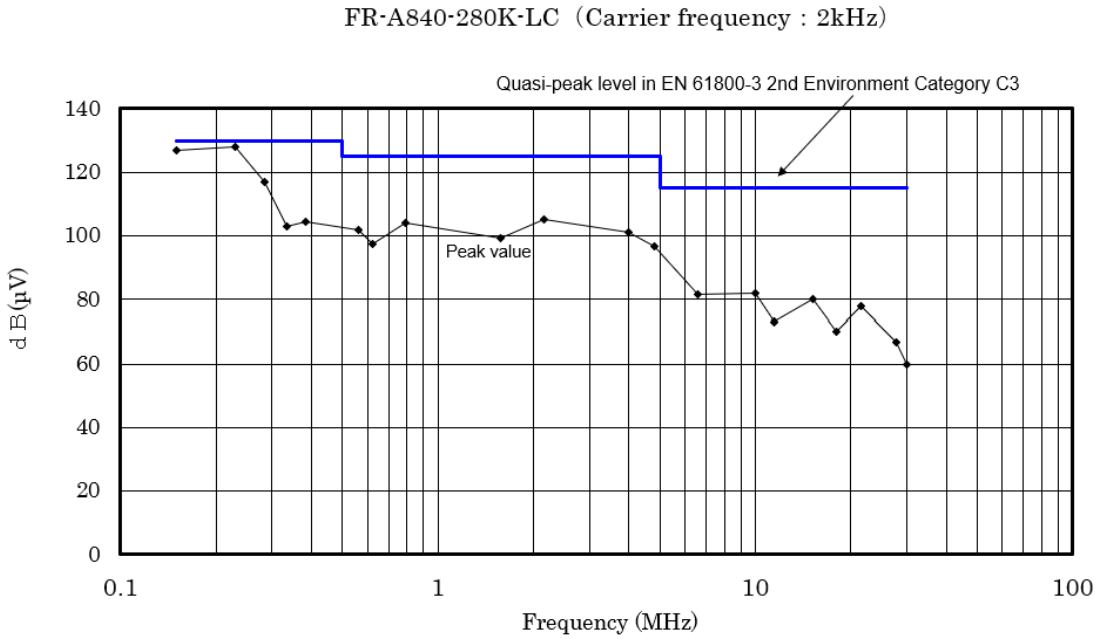


(Note) The quasi-peak value is never higher than the peak value.

MODELS: FR-A840-LC

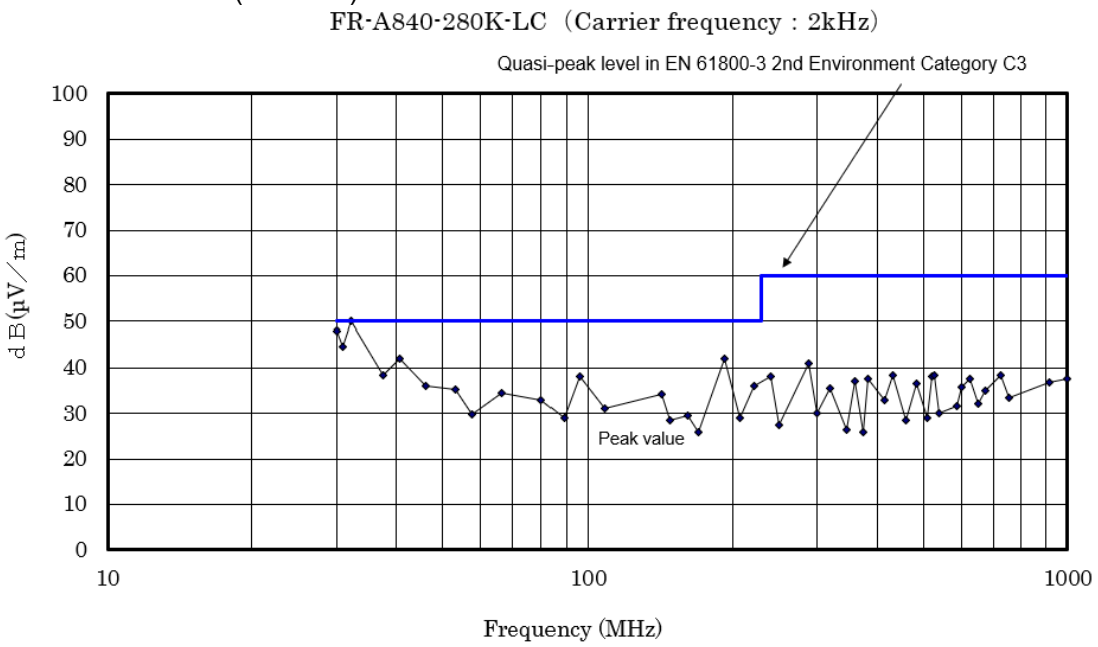
FR-A840-280K-LC

◆ Conducted noise



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

◆ Radiated noise (10m site)



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