

MODELS: FR-D840

TITLE: EMC DATA EXAMPLE (FR-D840)

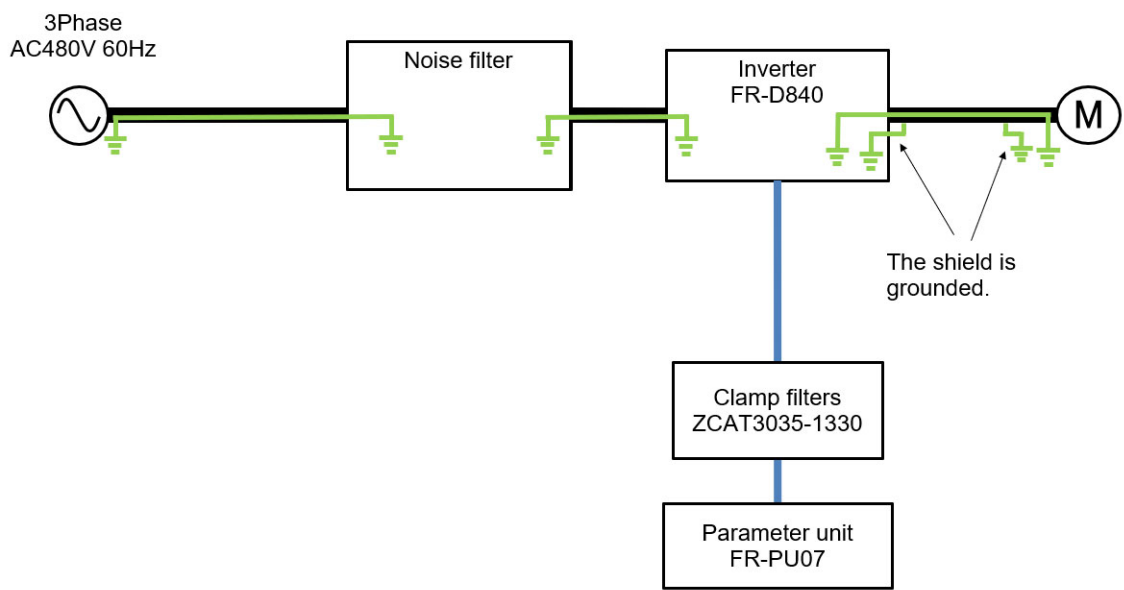
EMC data example when using Mitsubishi Electric general-purpose inverter FR-D840.

Conditions

The measurement conditions were based on the 2nd Environment Category C3 specified in EN 61800-3 / IEC 61800-3.

(NOTE)The following EMC data example is under the determination value of EN61800-3 as the most strictest condition.

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

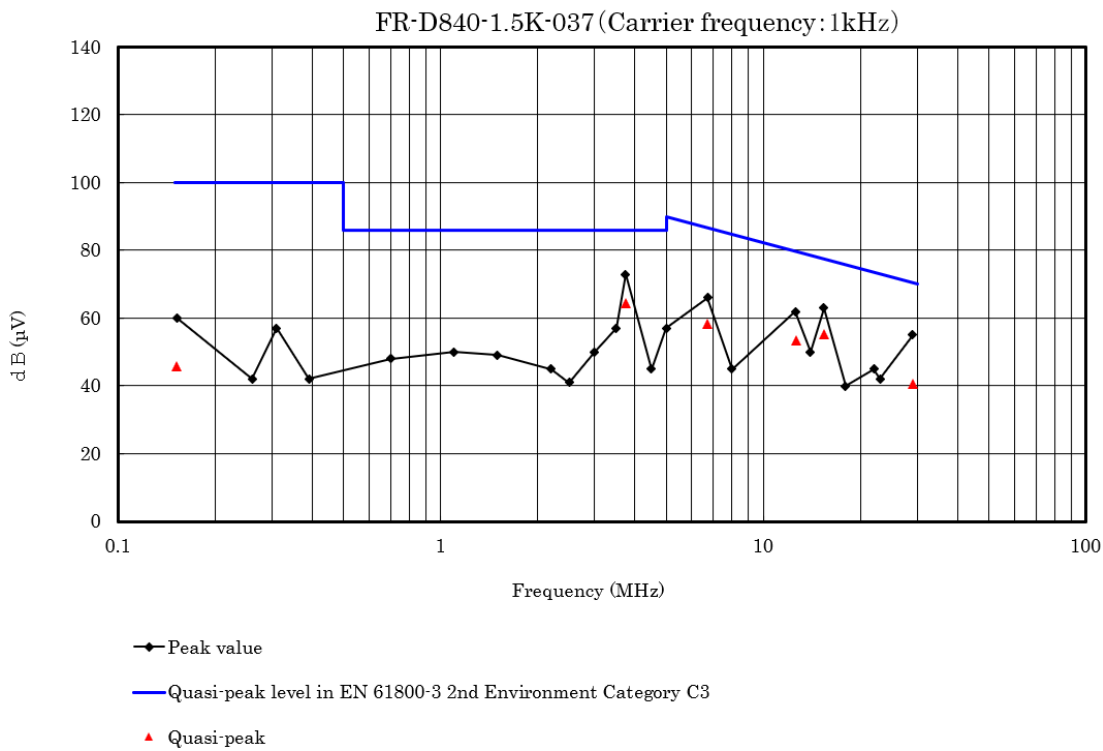


Wiring of the power supply and the motor	
Control/communication cable	
Earthing (grounding) cable	

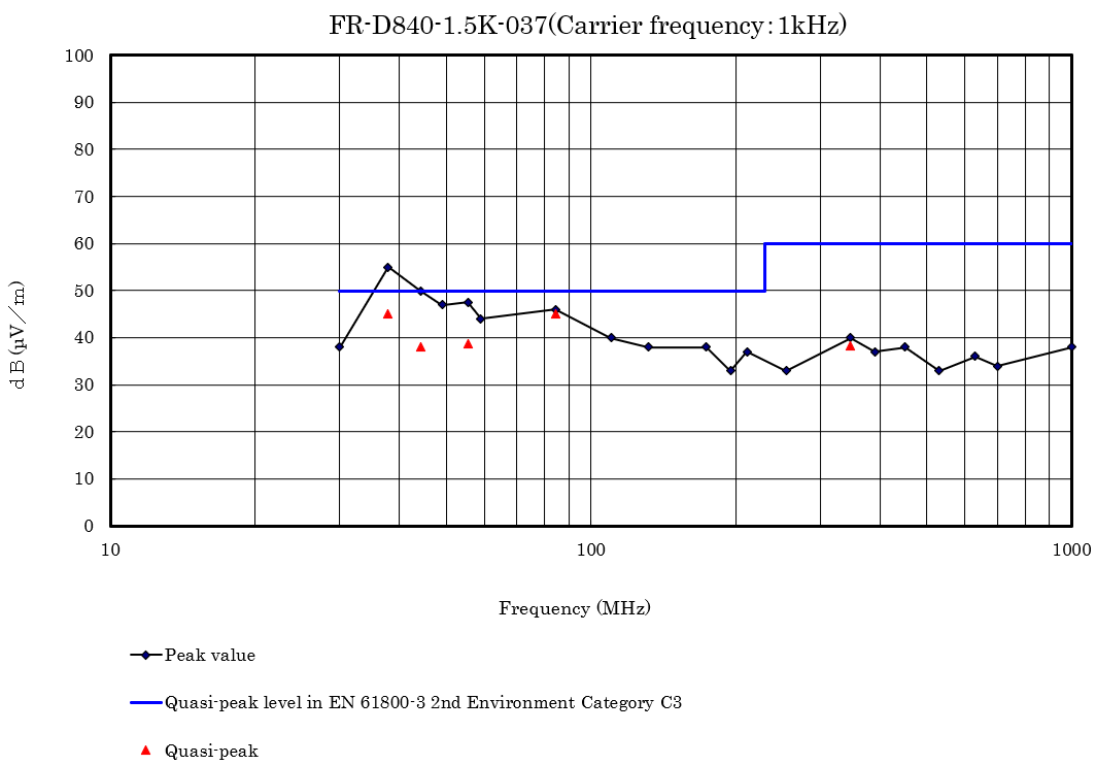
MODELS: FR-D840

FR-D840-1.5K-037 FN3288-10-44-C34-R65

◆ Conducted noise



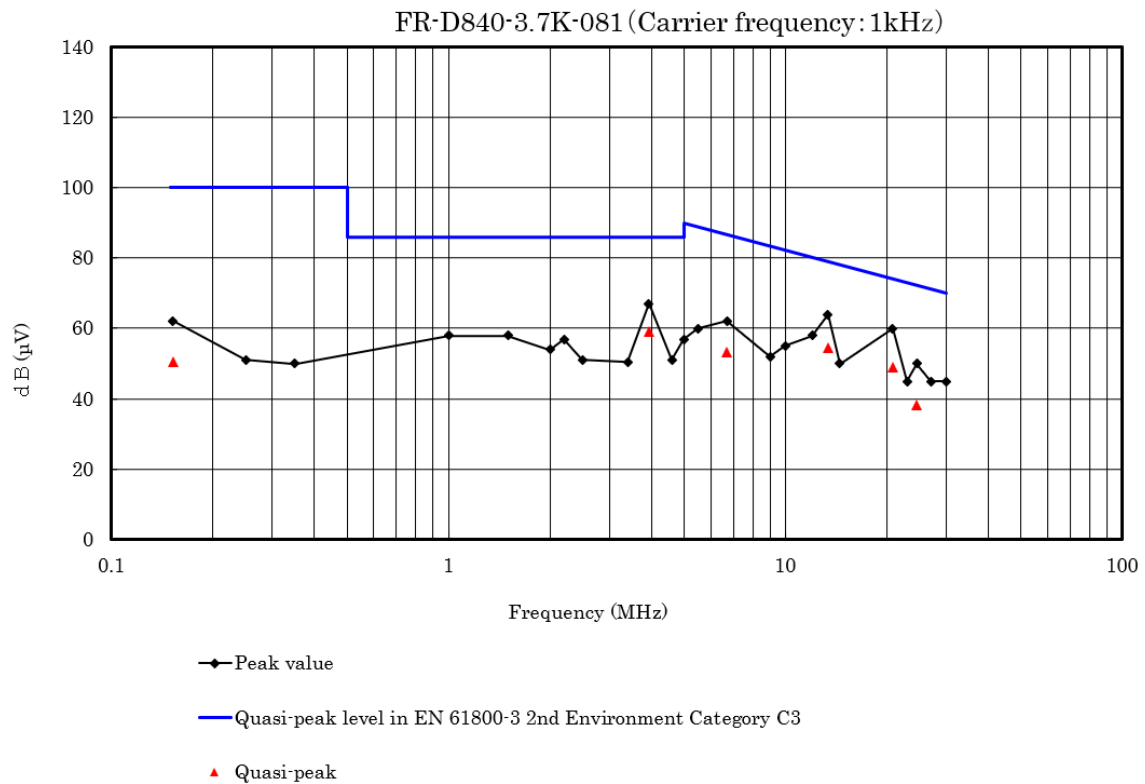
◆ Radiated noise



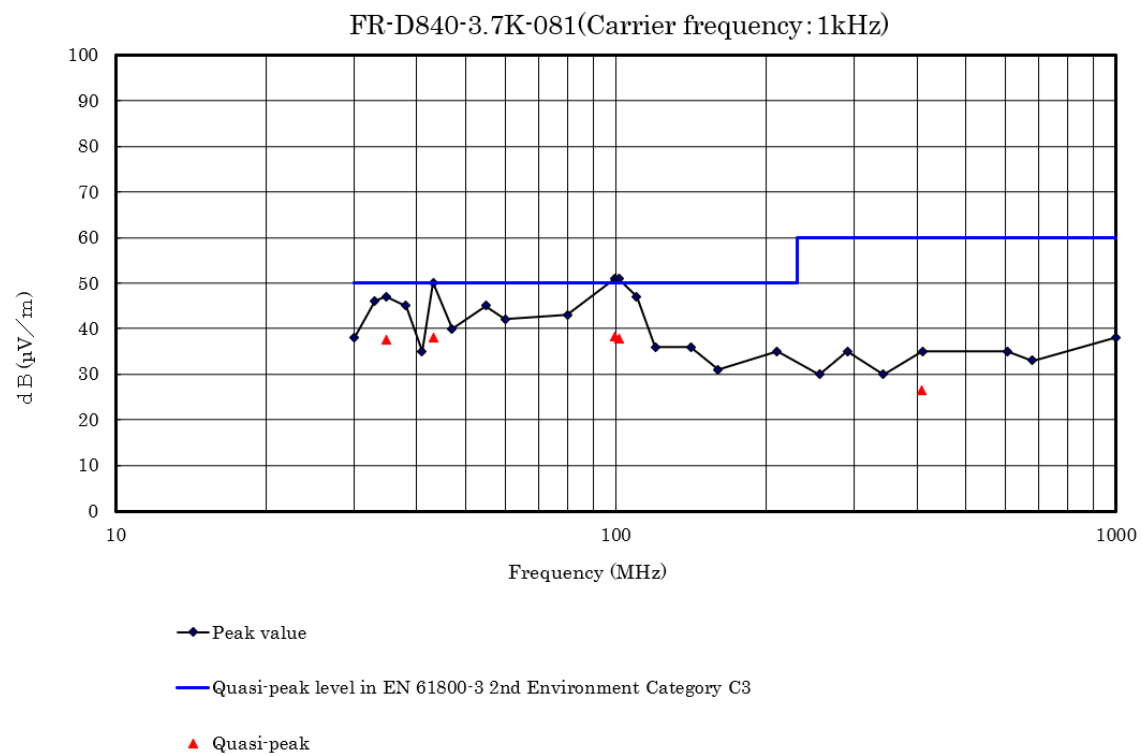
MODELS: FR-D840

FR-D840-3.7K-081 FN3288-20-33-C35-R65

◆ **Conducted noise**



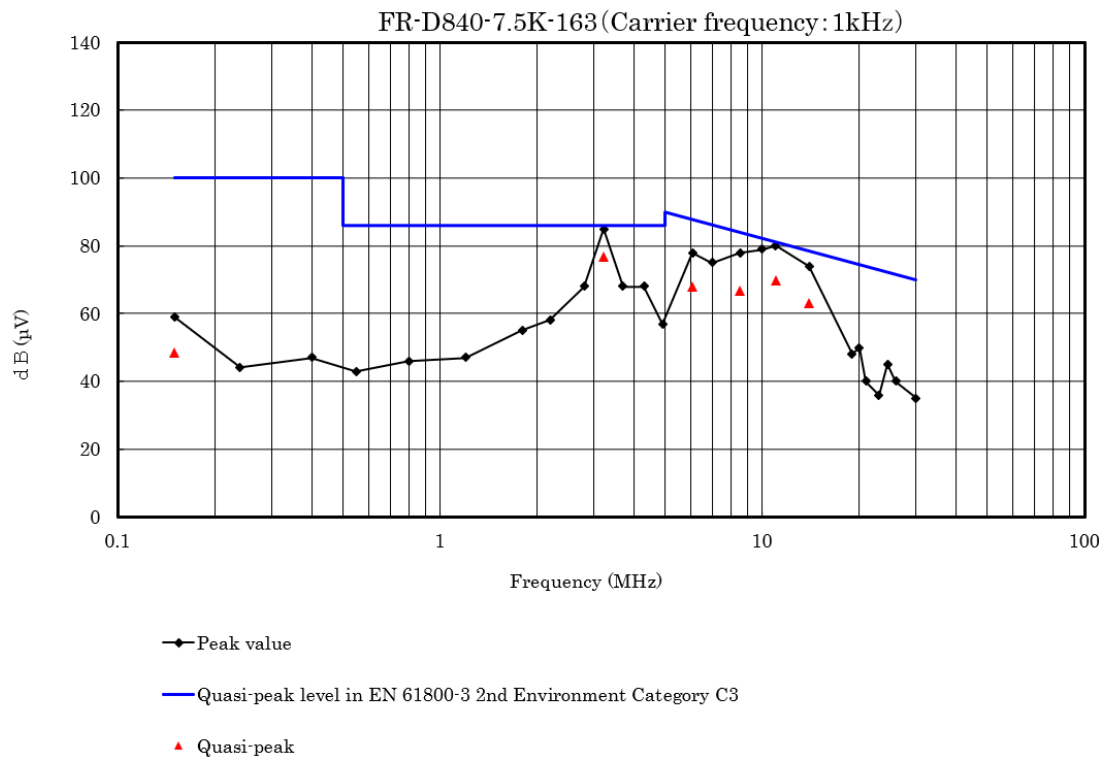
◆ **Radiated noise**



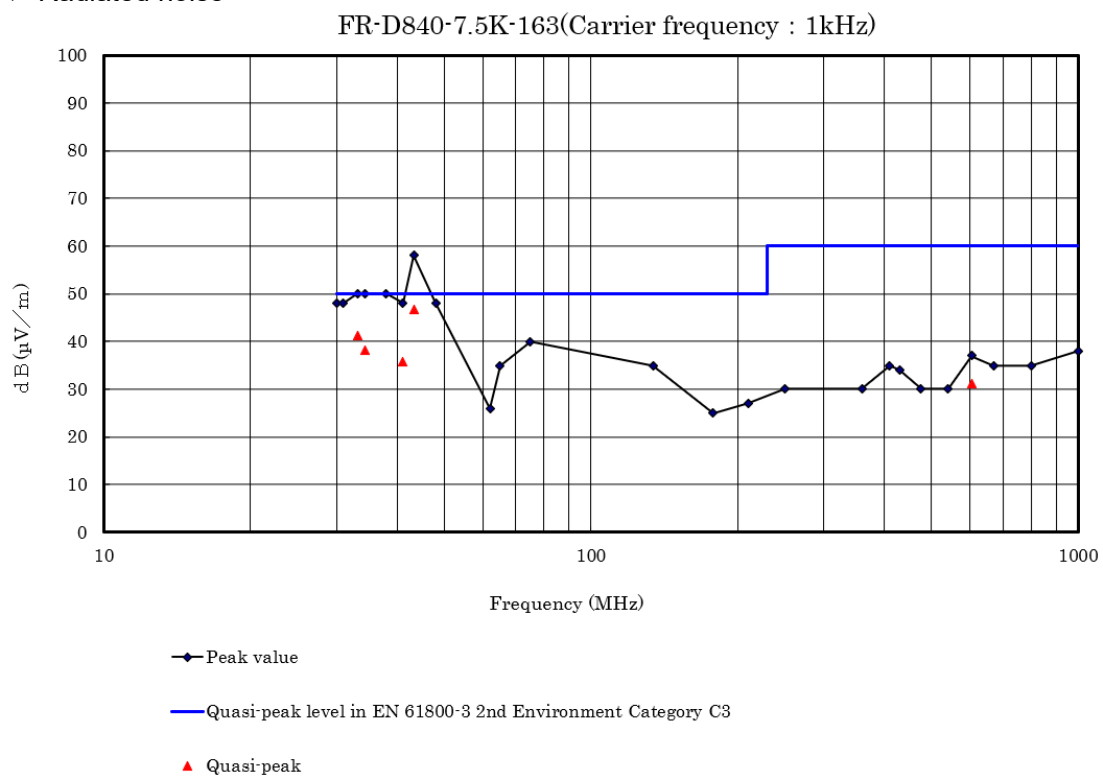
MODELS: FR-D840

FR-D840-7.5K-163 FN3288-40-33-C35-R65

◆ **Conducted noise**



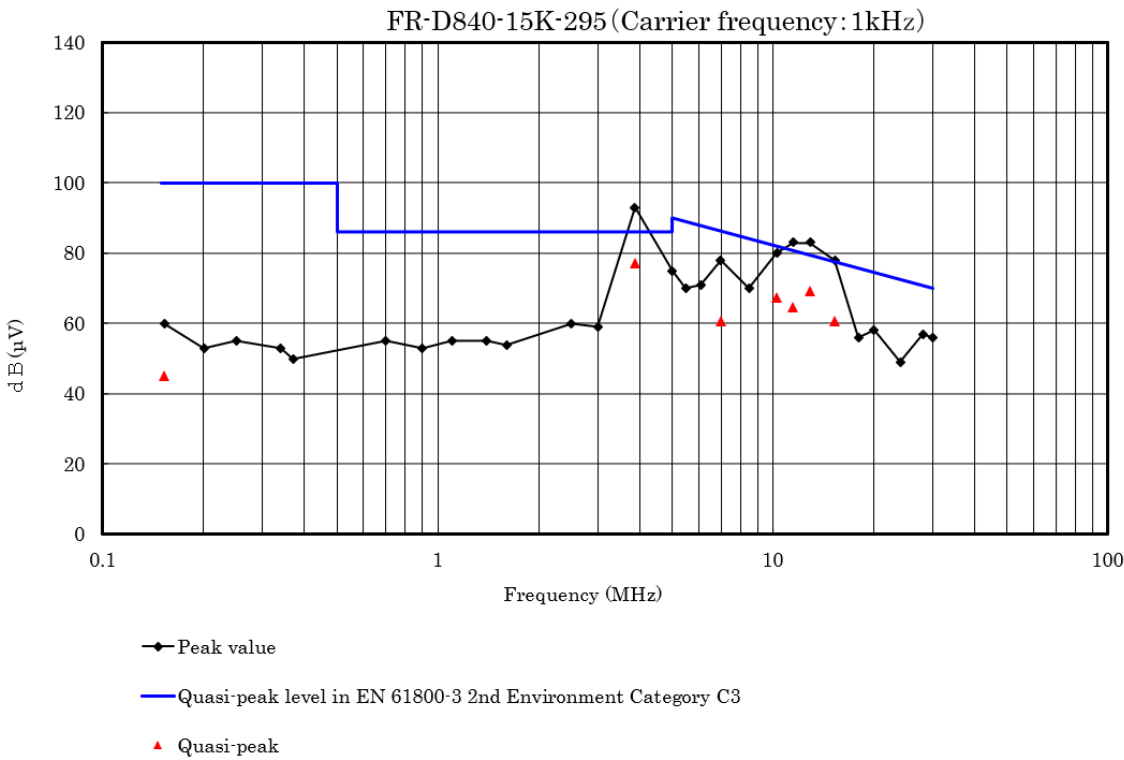
◆ **Radiated noise**



MODELS: FR-D840

FR-D840-15K-295 FN3288-50-53-C35-R65

◆ Conducted noise



◆ Radiated noise

