

MODELS: FR-F800

TITLE: EMC DATA EXAMPLE (FR-F840)

The EMC data examples when the inverter is used with the EMC filter on are shown below.

FR-F840^{*1}

Conditions

The inverter conforms to EN61800-3 product standard.

The measurement was conducted based on the measurement conditions of 2nd Environment Category C3 described in EN61800-3.

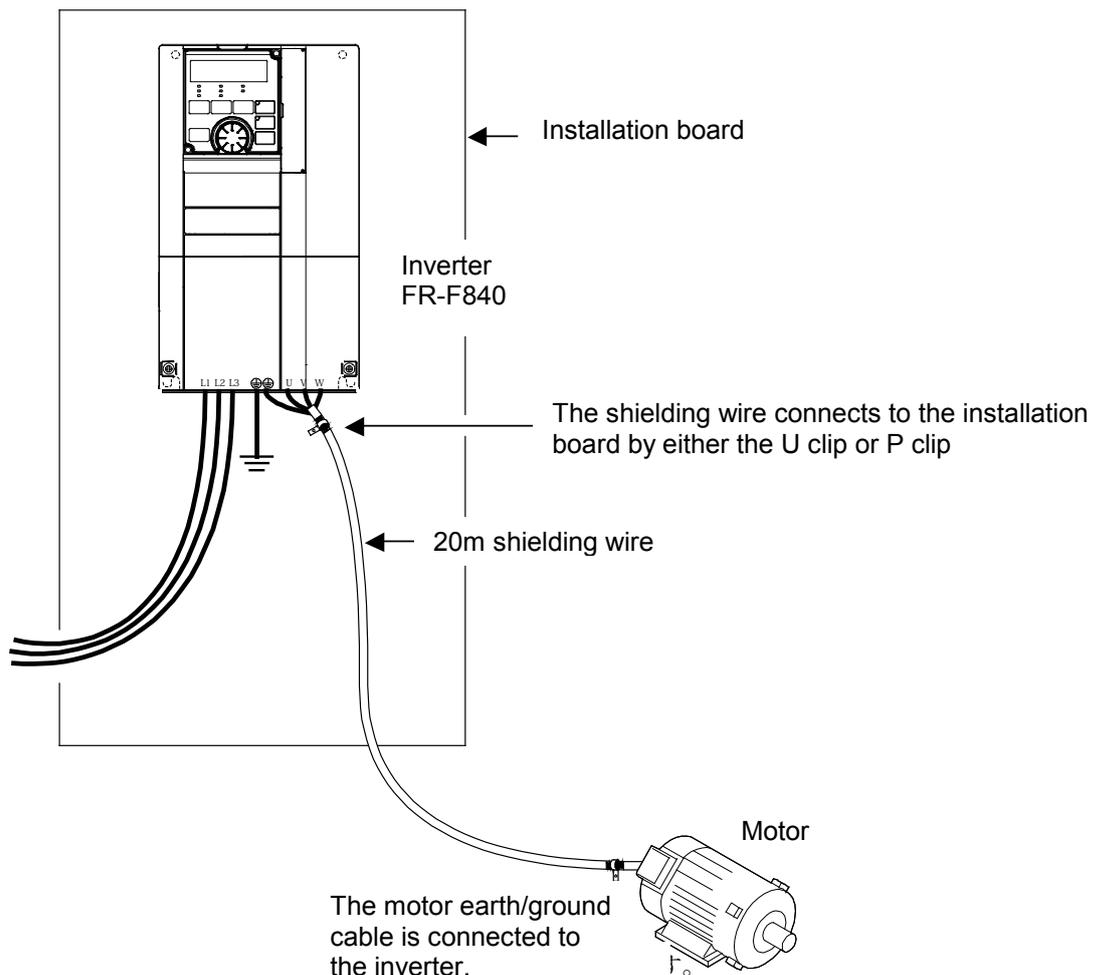
Output interconnection (motor) length :20m

Output cable type :Shielded cable

Inverter frequency :30Hz

Carrier frequency :Indicated above each graph

Control Panel :Without Door



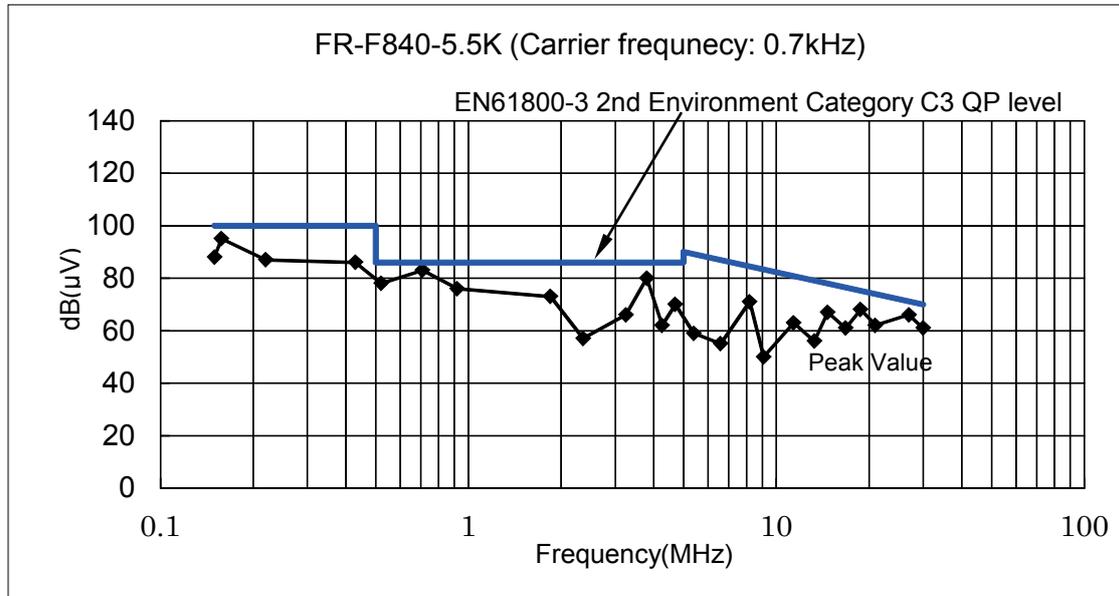
^{*1}: The 355K or higher models are the converter separated type (FR-F842+FR-CC2).

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EXAMPLE OF MEASUREMENT RESULTS

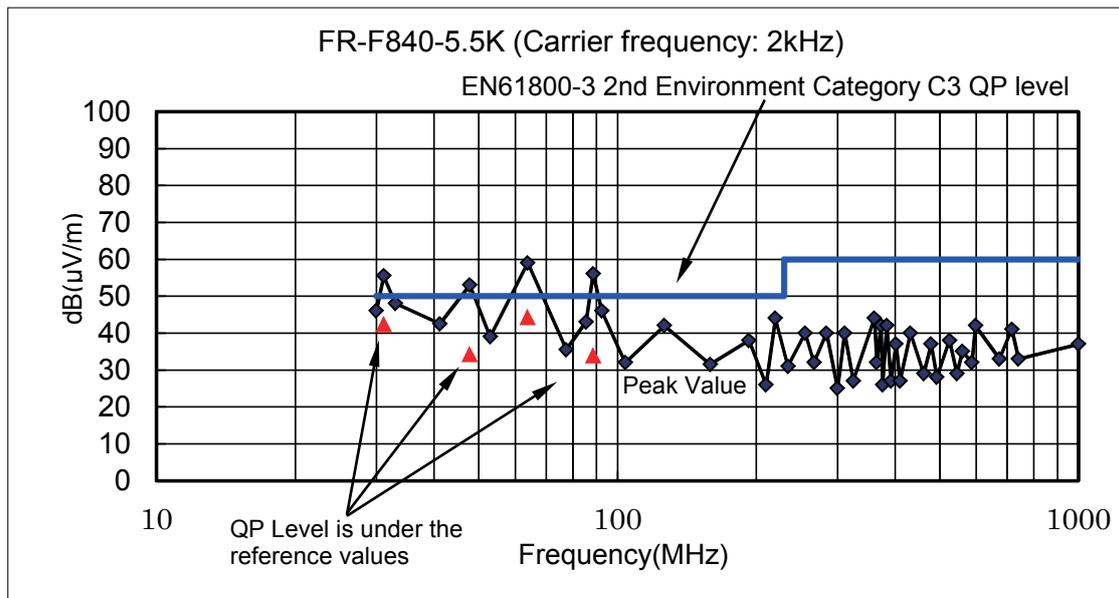
FR-F840-5.5K

Conducted noise



(Note) The QP value will not exceed the peak value

Radiated noise (10m site)

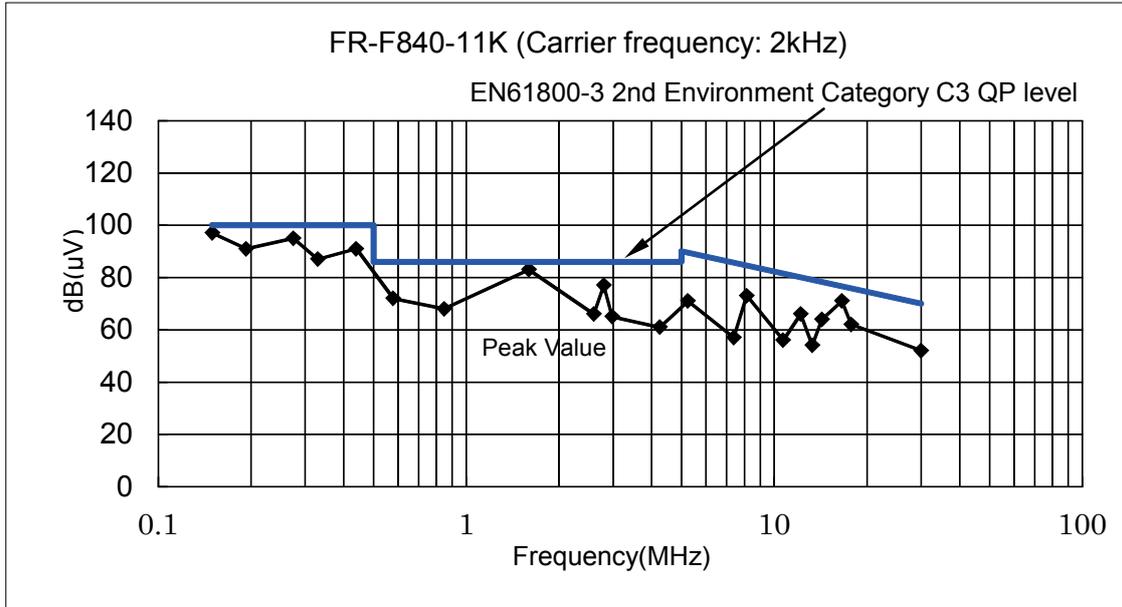


(Note) The QP value will not exceed the peak value

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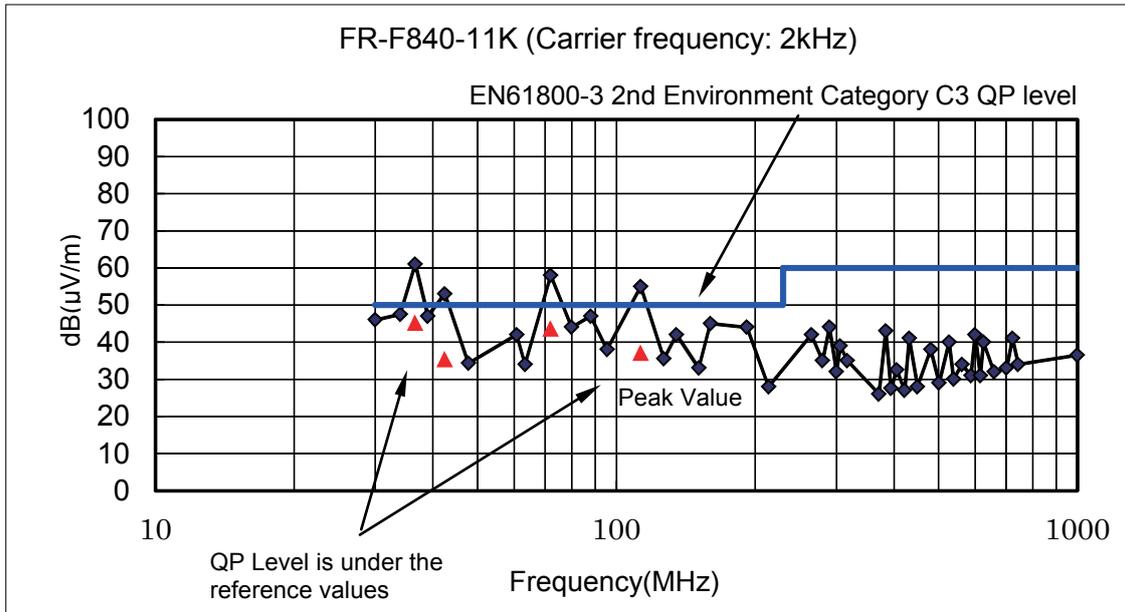
FR-F840-11K

Conducted noise



(Note) The QP value will not exceed the peak value

Radiated noise (10m site)

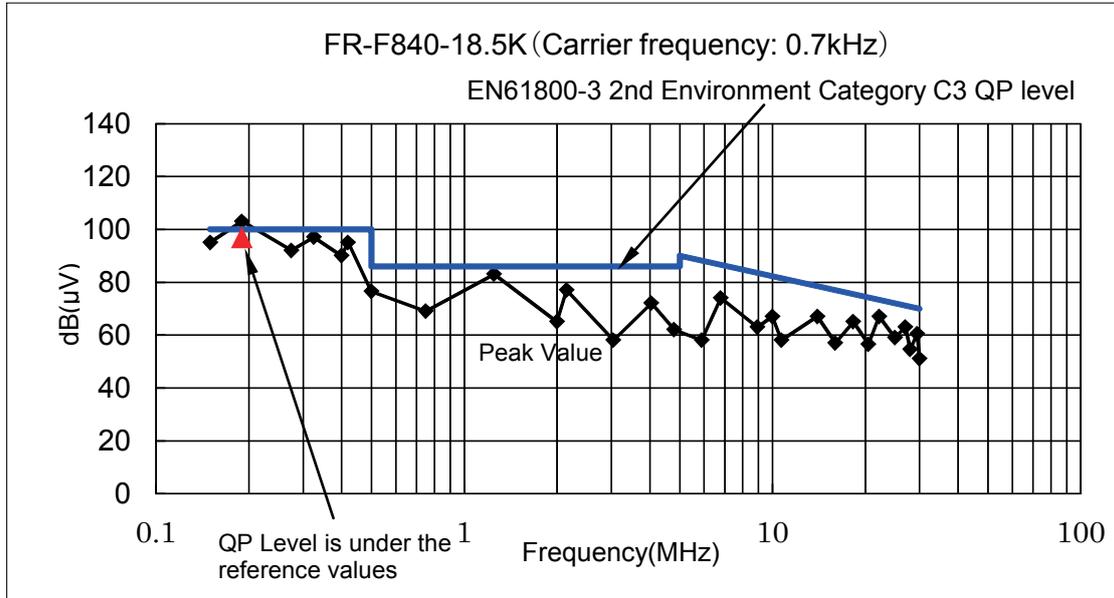


(Note) The QP value will not exceed the peak value

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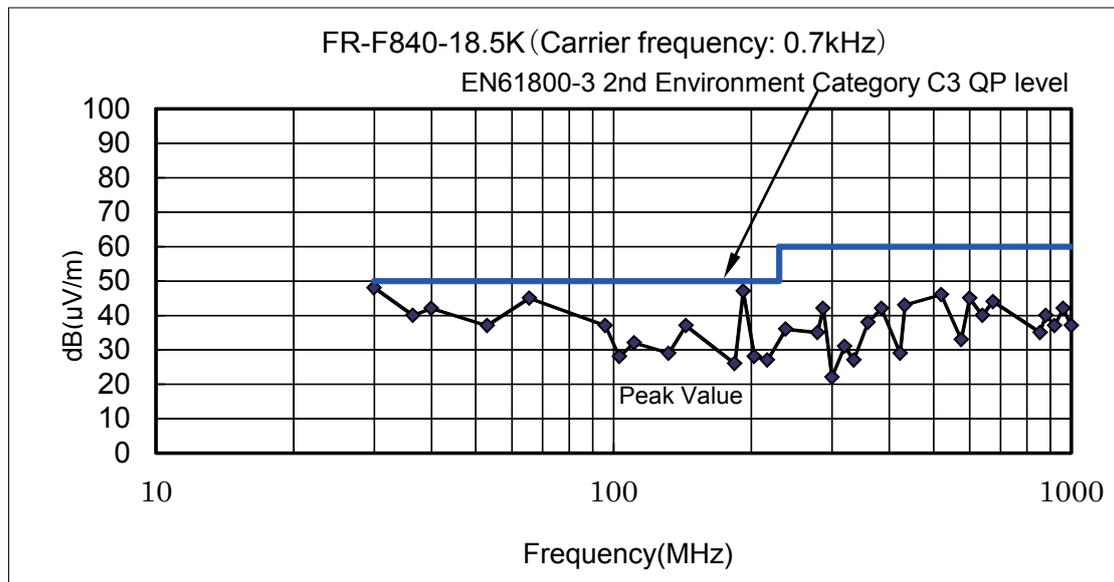
FR-F840-18.5K

Conducted noise



(Note) The QP value will not exceed the peak value

Radiated noise (10m site)

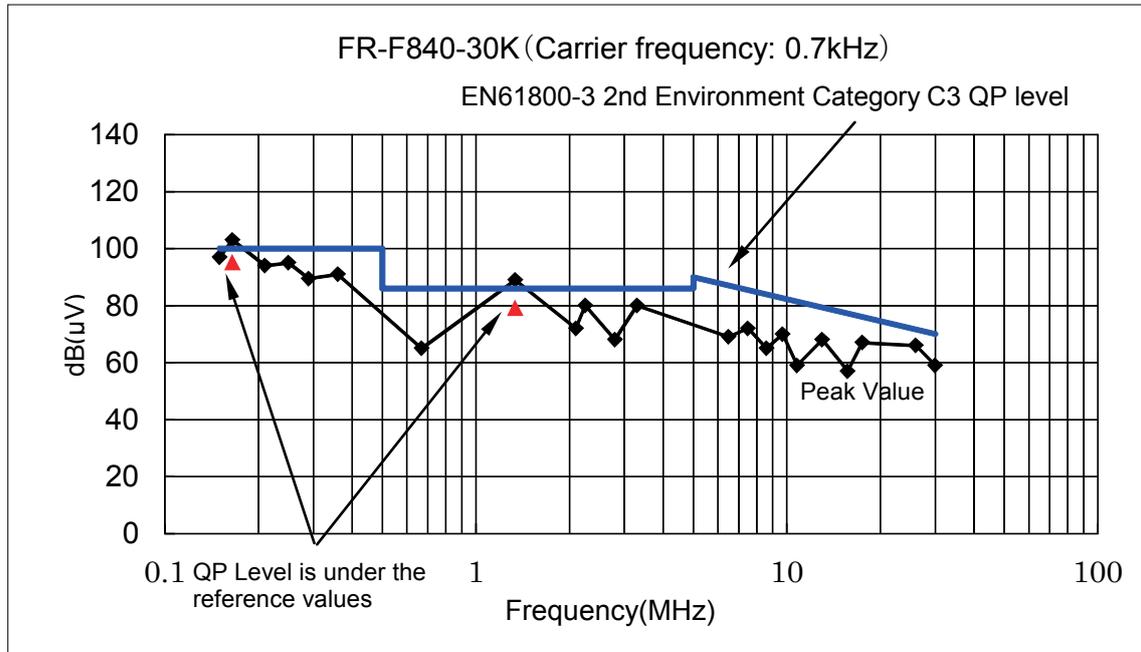


(Note) The QP value will not exceed the peak value

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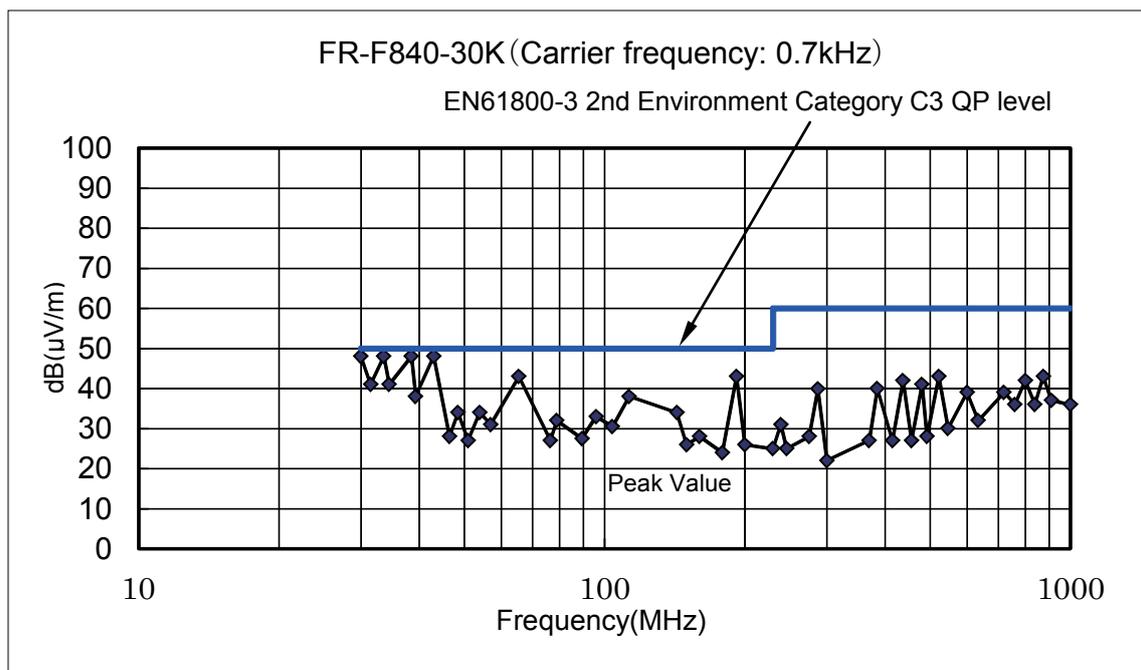
FR-F840-30K

Conducted noise



(Note) The QP value will not exceed the peak value

Radiated noise (10m site)

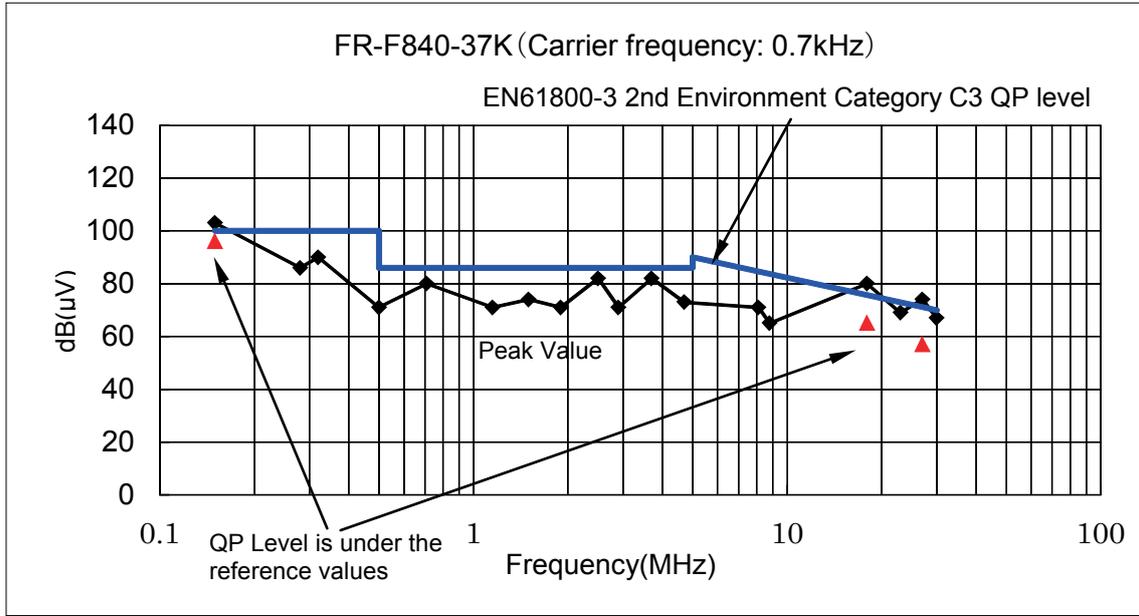


(Note) The QP value will not exceed the peak value

MODELS: FR-F800

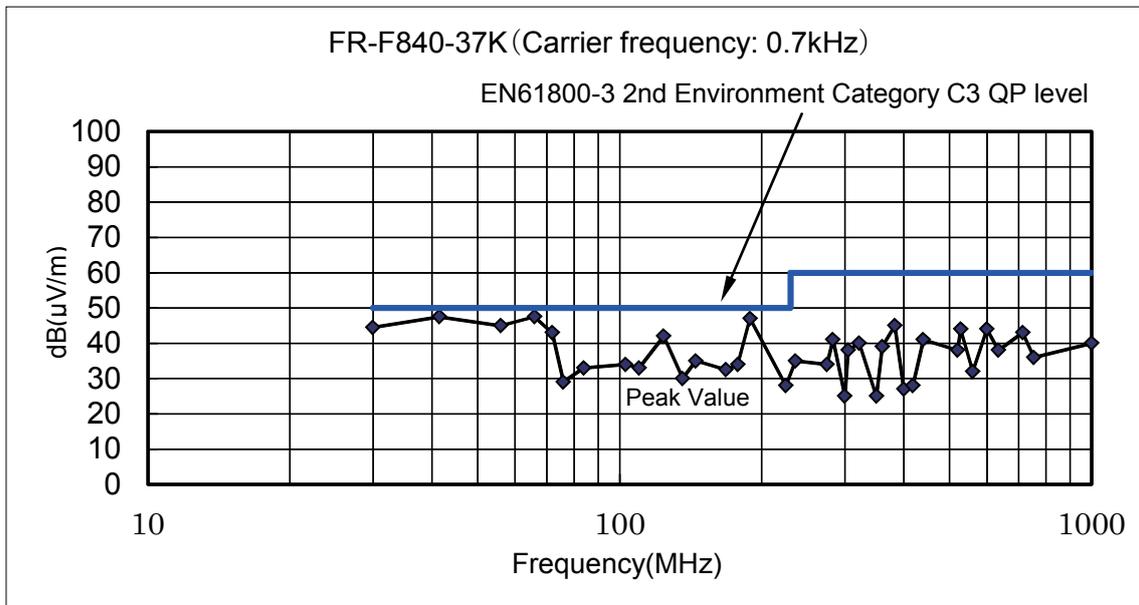
FR-F840-37K

Conducted noise



(Note) The QP value will not exceed the peak value

Radiated noise (10m site)

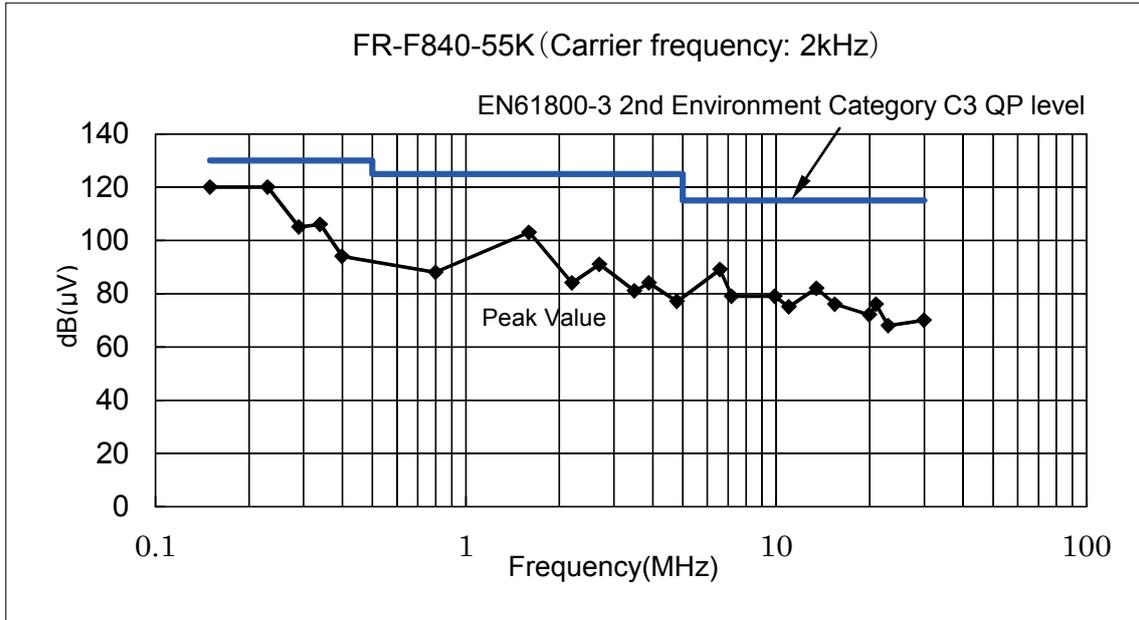


(Note) The QP value will not exceed the peak value

MODELS: FR-F800

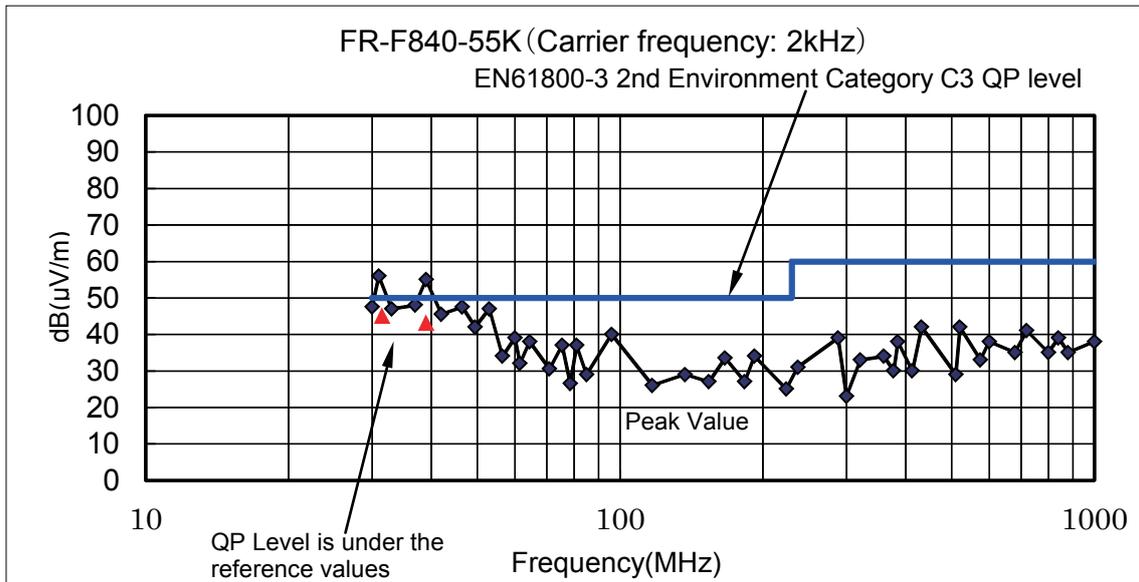
FR-F840-55K

Conducted noise



(Note) The QP value will not exceed the peak value

Radiated noise (10m site)

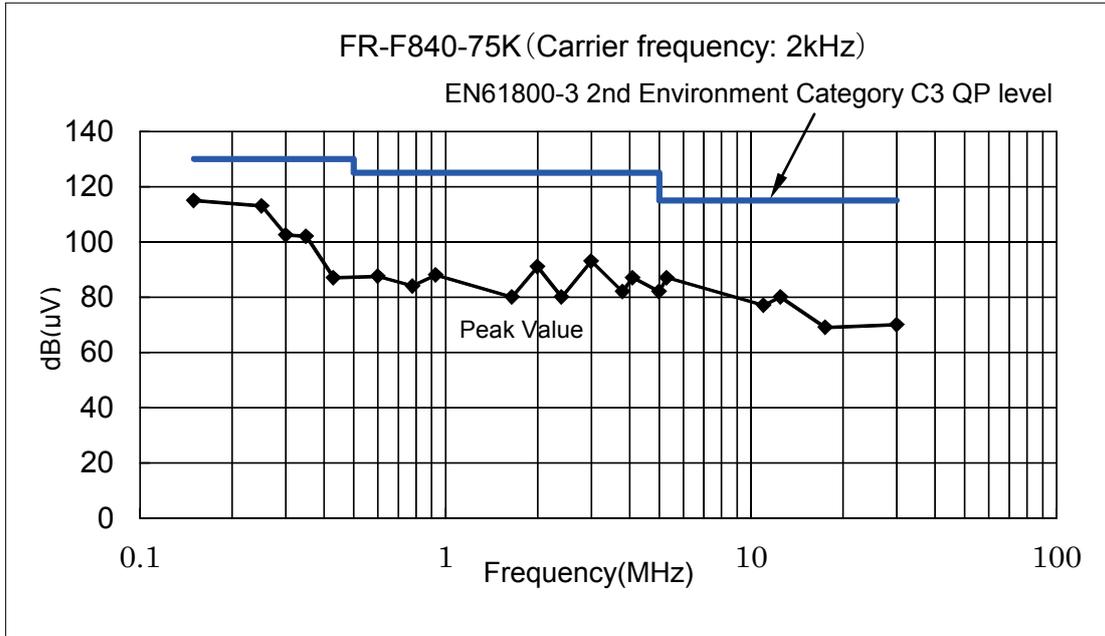


(Note) The QP value will not exceed the peak value

MODELS: FR-F800

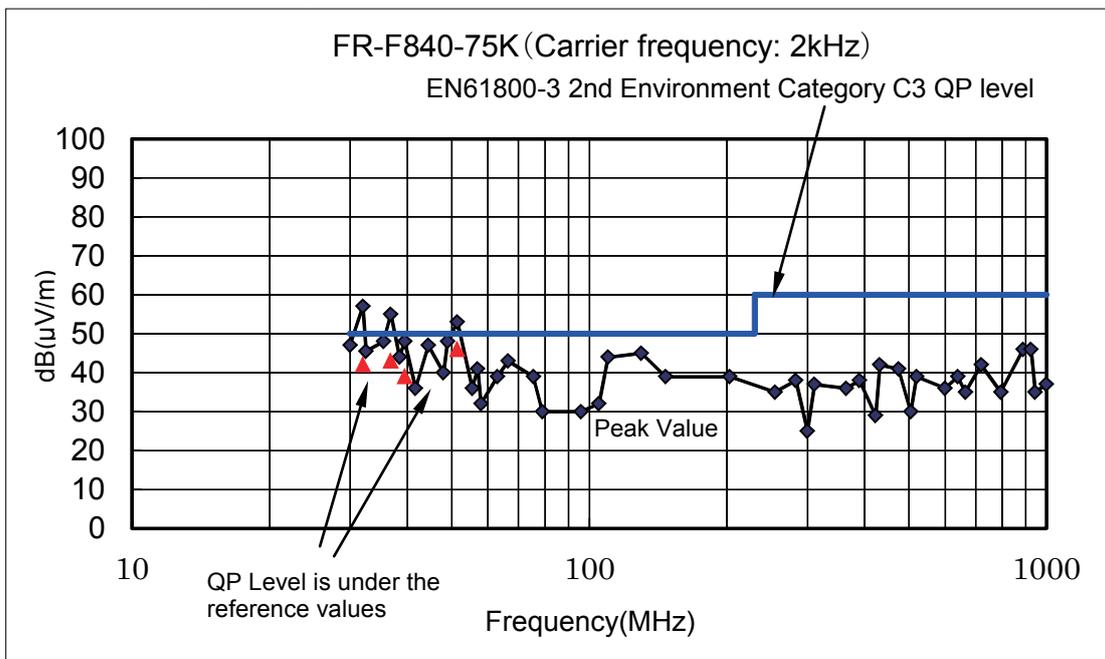
FR-F840-75K

Conducted noise



(Note) The QP value will not exceed the peak value

Radiated noise (10m site)

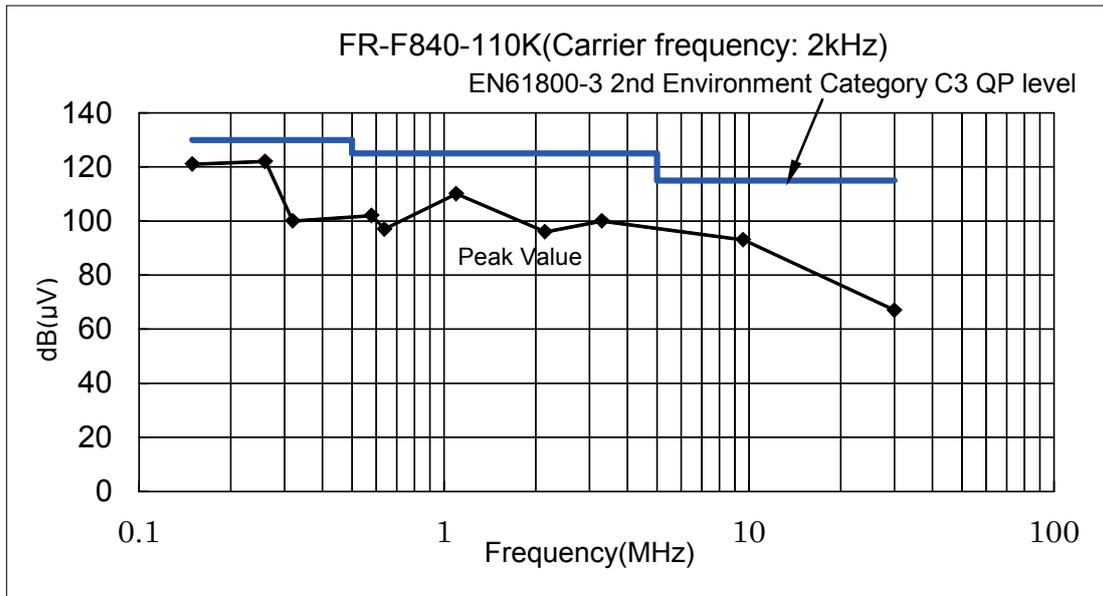


(Note) The QP value will not exceed the peak value

MODELS: FR-F800

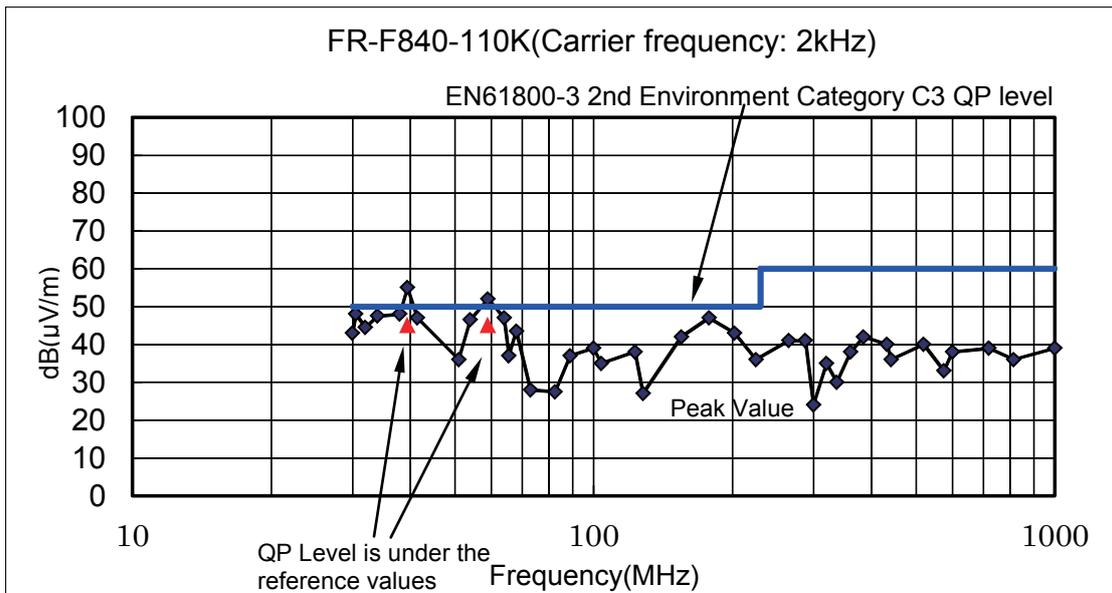
FR-F840-110K

Conducted noise



(Note) The QP value will not exceed the peak value

Radiated noise (10m site)

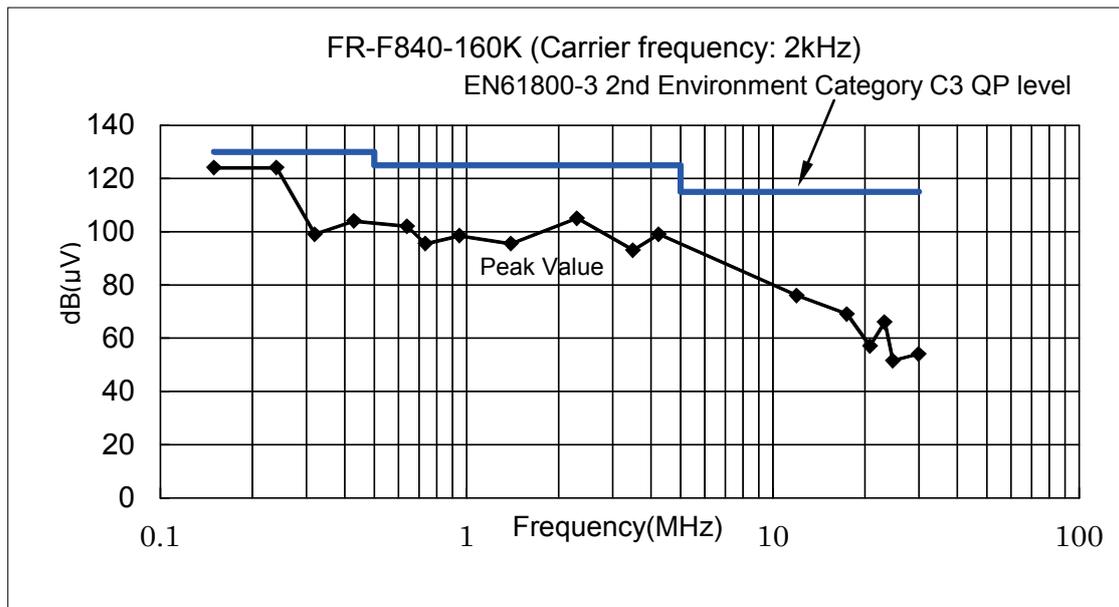


(Note) The QP value will not exceed the peak value

MODELS: FR-F800

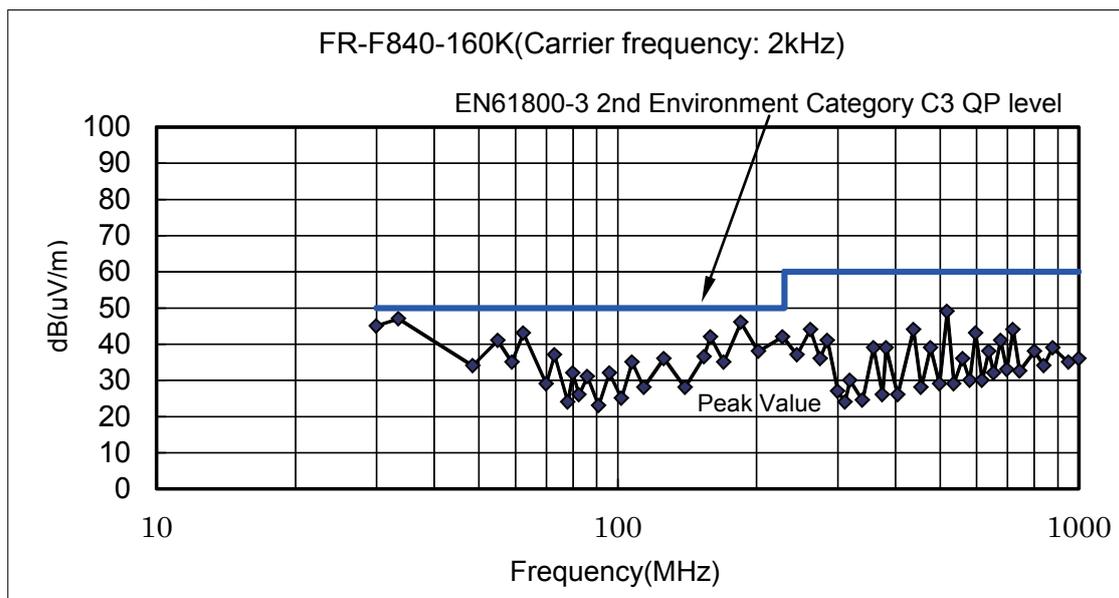
FR-F840-160K

Conducted noise



(Note) The QP value will not exceed the peak value

Radiated noise (10m site)

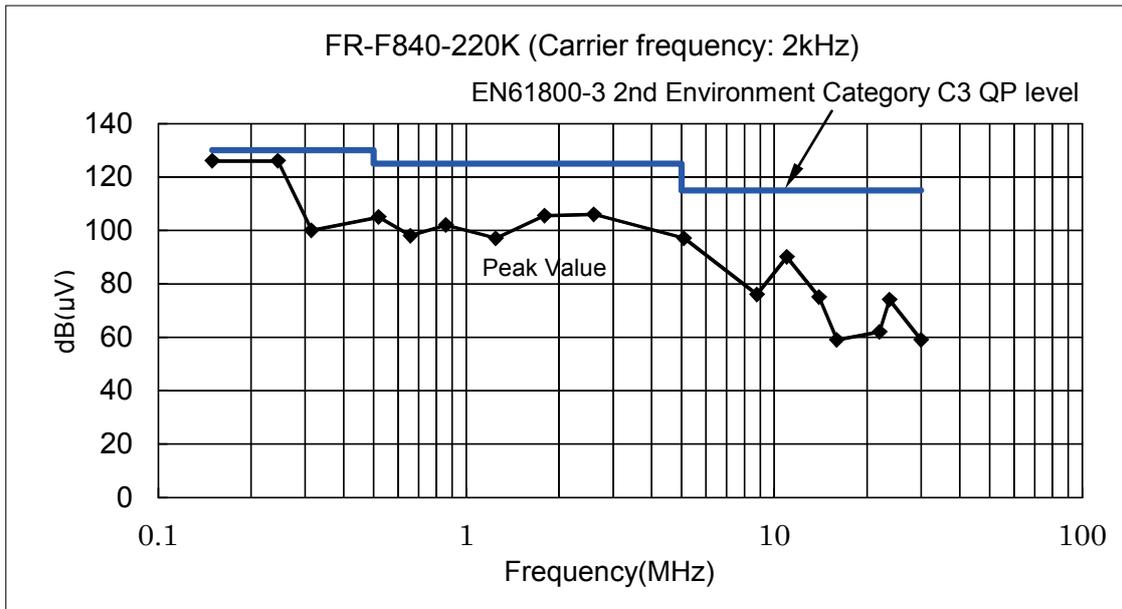


(Note) The QP value will not exceed the peak value

MODELS: FR-F800

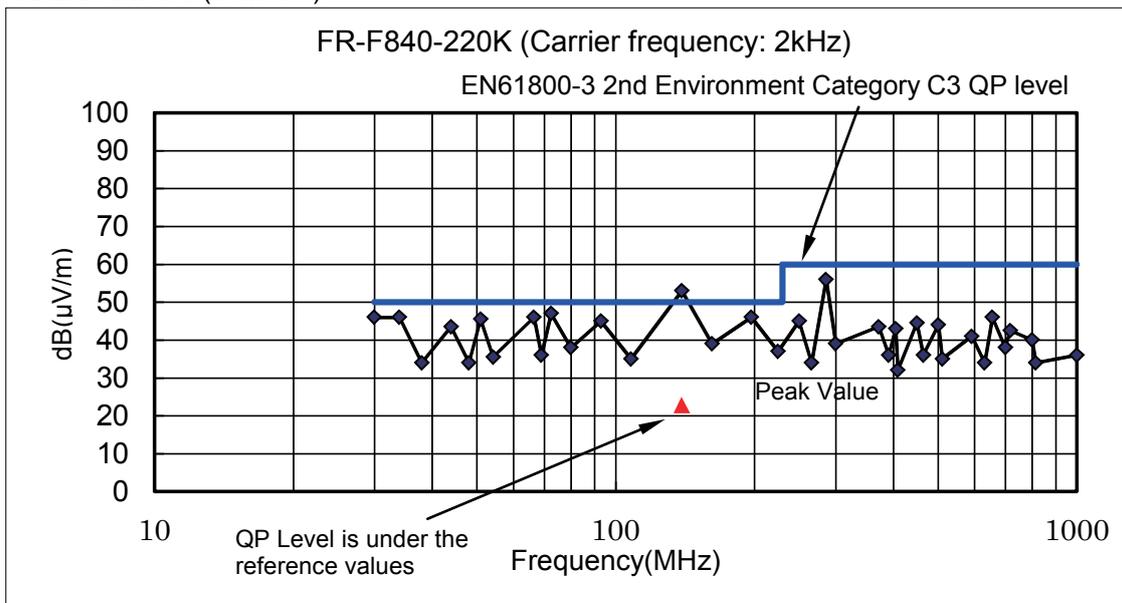
FR-F840-220K

Conducted noise



(Note) The QP value will not exceed the peak value

Radiated noise (10m site)

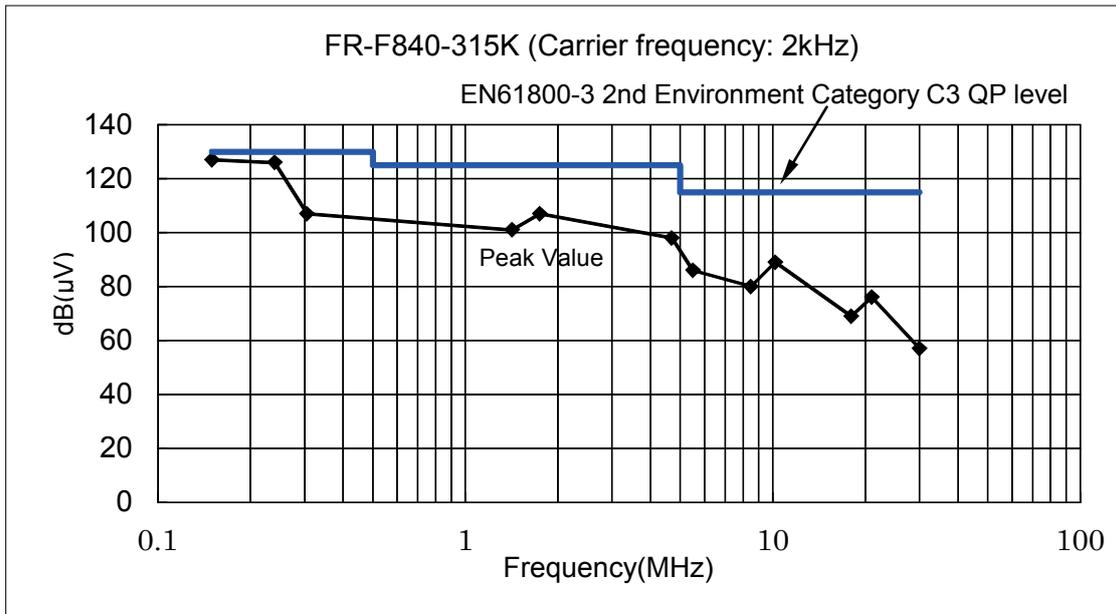


(Note) The QP value will not exceed the peak value

MODELS: FR-F800

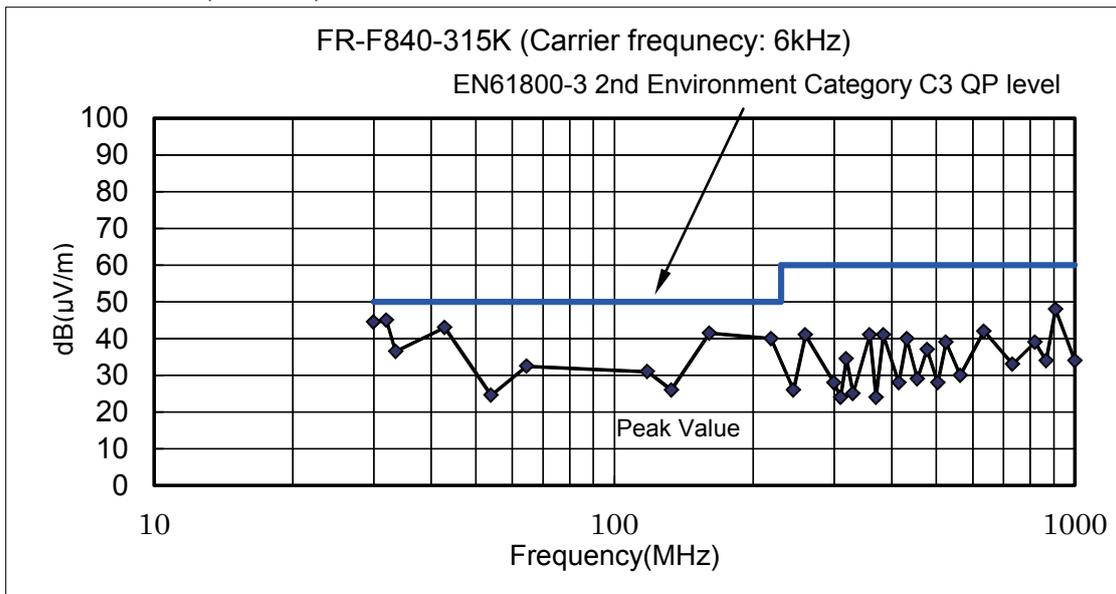
FR-F840-315K

Conducted noise



(Note) The QP value will not exceed the peak value

Radiated noise (10m site)

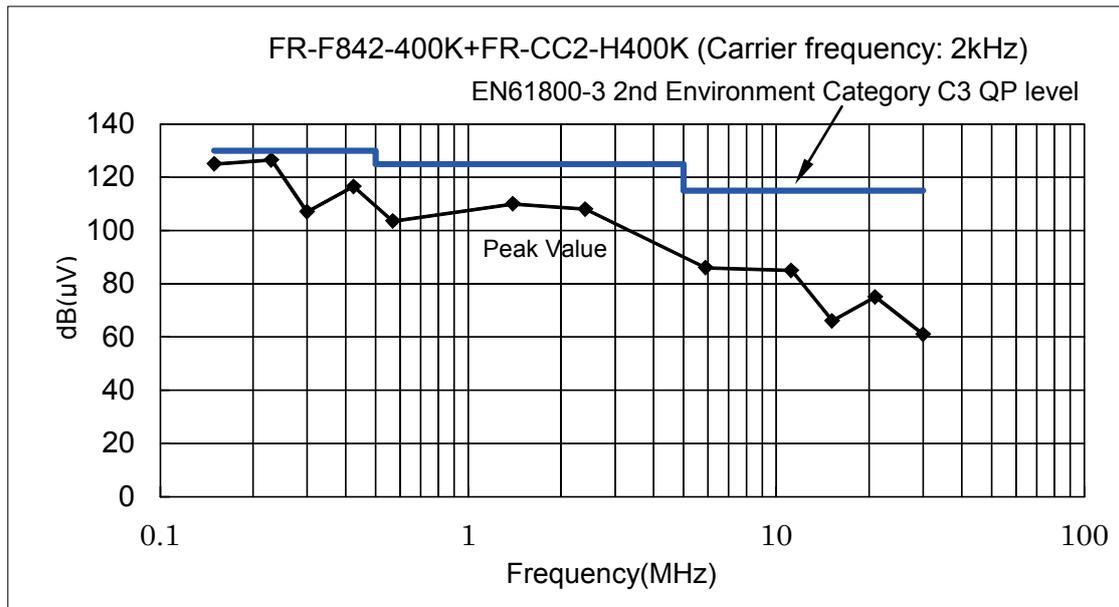


(Note) The QP value will not exceed the peak value

MODELS: FR-F800

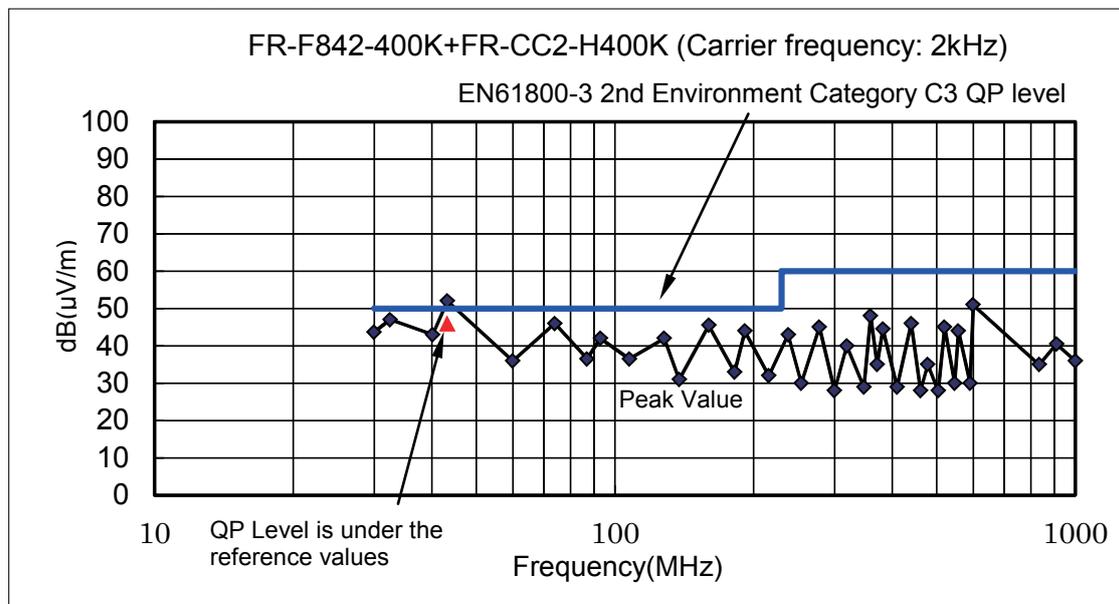
FR-F842-400K
 FR-CC2-H400K

Conducted noise



(Note) The QP value will not exceed the peak value

Radiated noise (10m site)

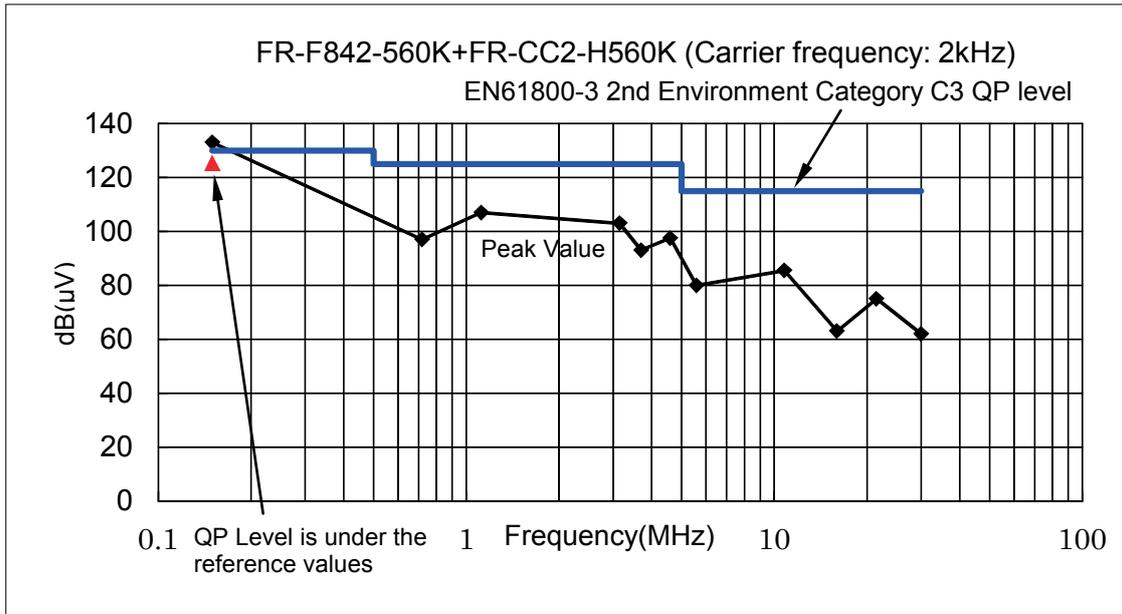


(Note) The QP value will not exceed the peak value

MODELS: FR-F800

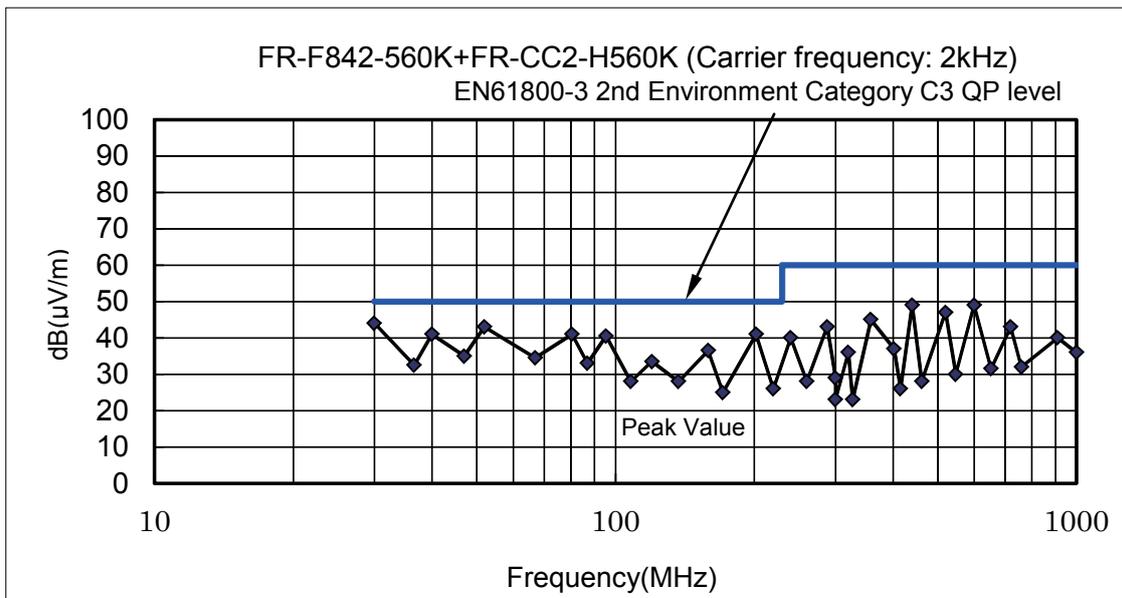
FR-F842-560K
 FR-CC2-H560K

Conducted noise



(Note) The QP value will not exceed the peak value

Radiated noise (10m site)



(Note) The QP value will not exceed the peak value