

MODELS: FR-A800

TITLE: EMC DATA EXAMPLE (FR-A846)

The EMC data examples when the inverter is used with the EMC filter on are shown below.
FR-A846 has an alphanumeric suffix C2/C3 for the standard that is complied to.

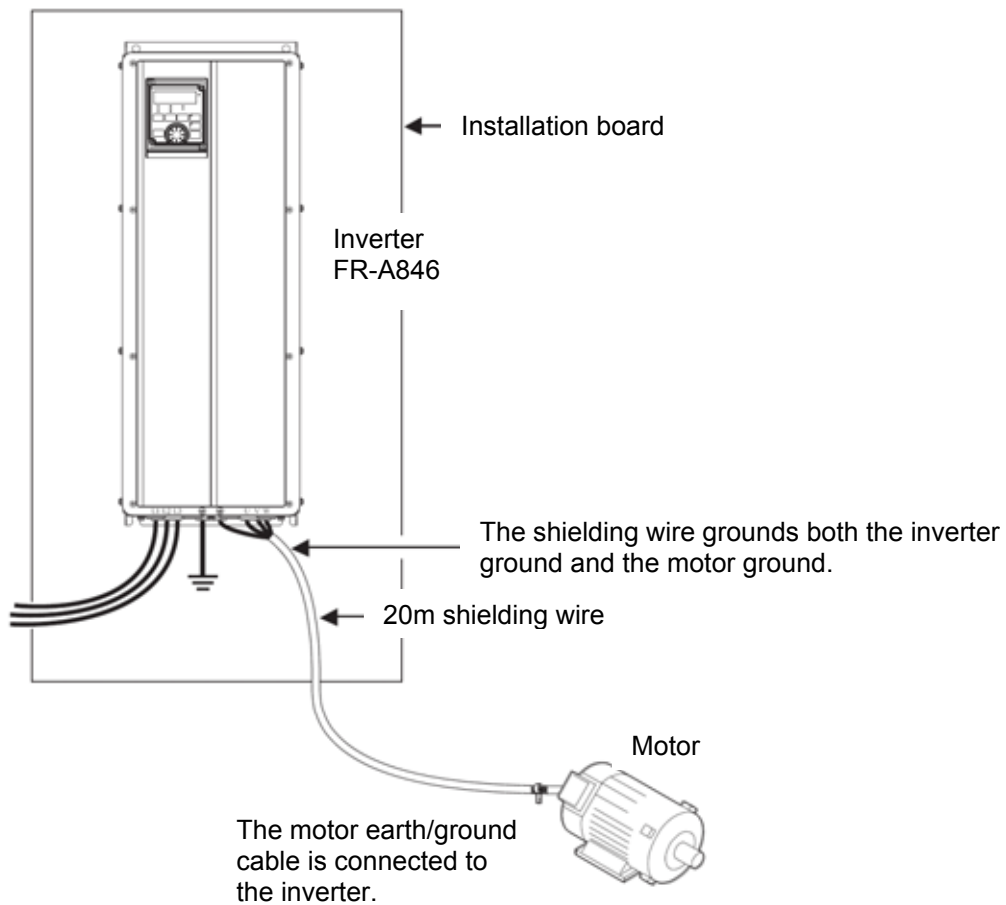
FR-A846^{*1}

Conditions

The inverter conforms to EN61800-3 product standard.

The measurement was conducted based on the measurement conditions of 1st Environment Category C2 and 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

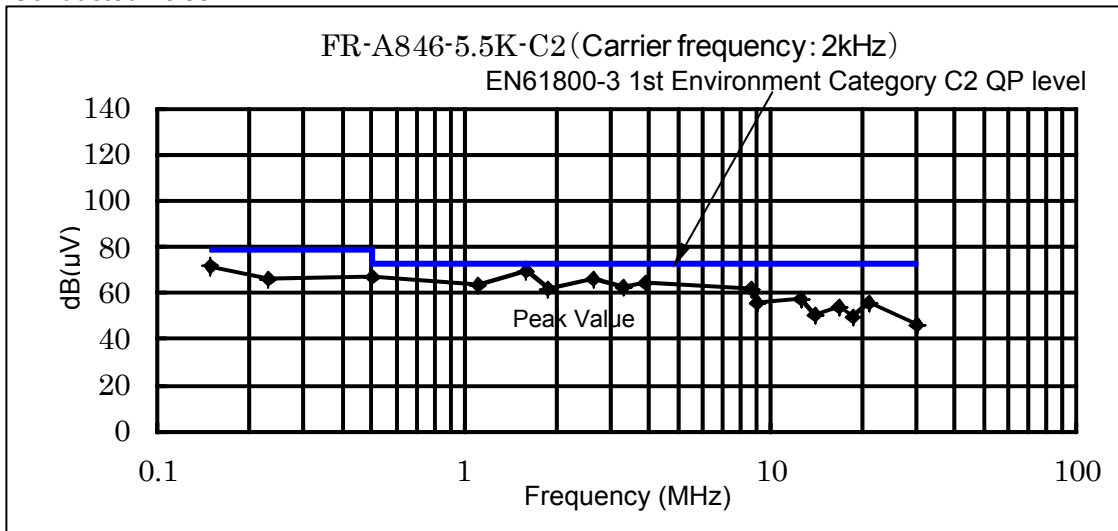


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EXAMPLE OF MEASUREMENT RESULTS

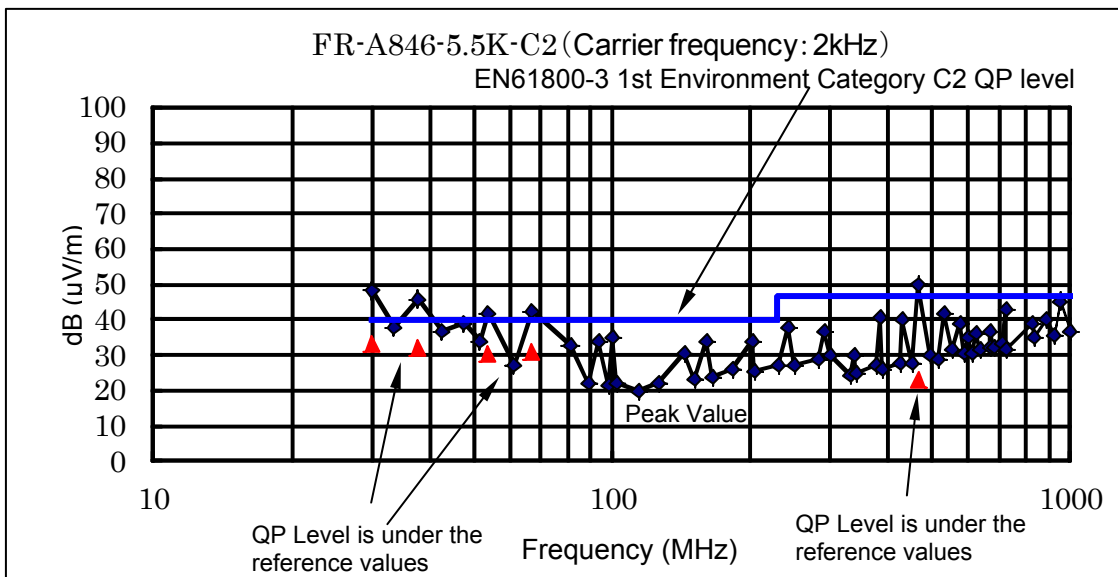
FR-A846-5.5K-C2

Conducted noise



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

Radiated noise (10m site)

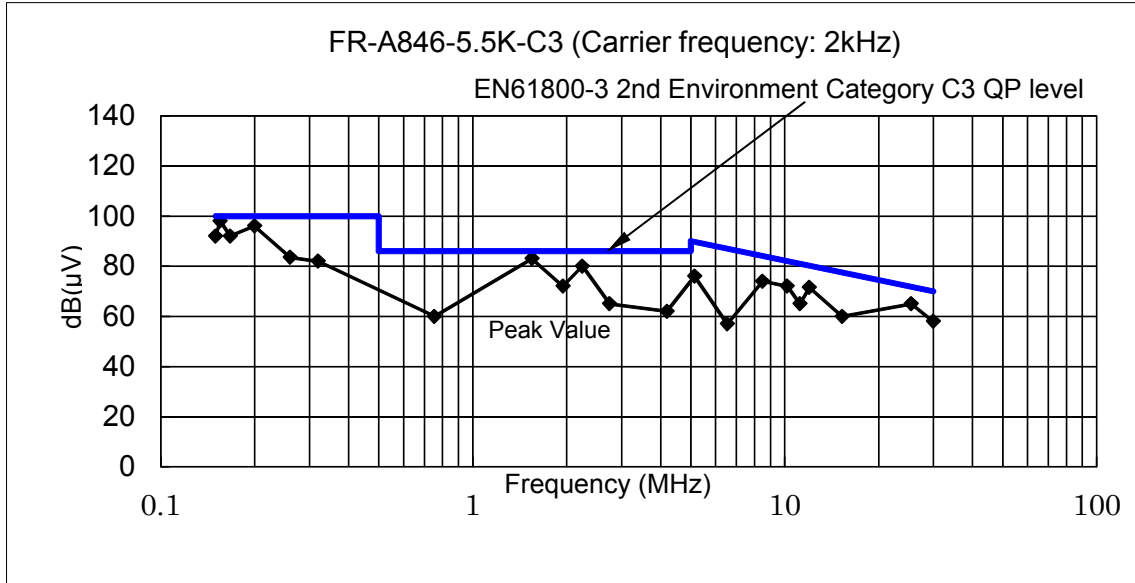


(Note) The QP value will not exceed the peak value

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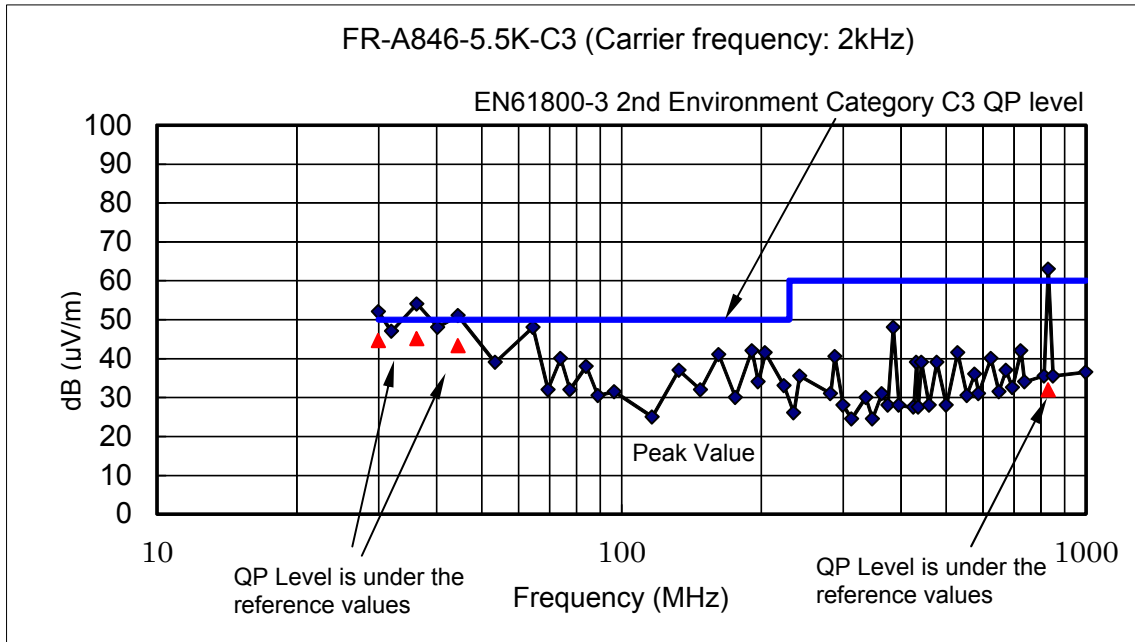
FR-A846-5.5K-C3

Conducted noise



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

Radiated noise (10m site)

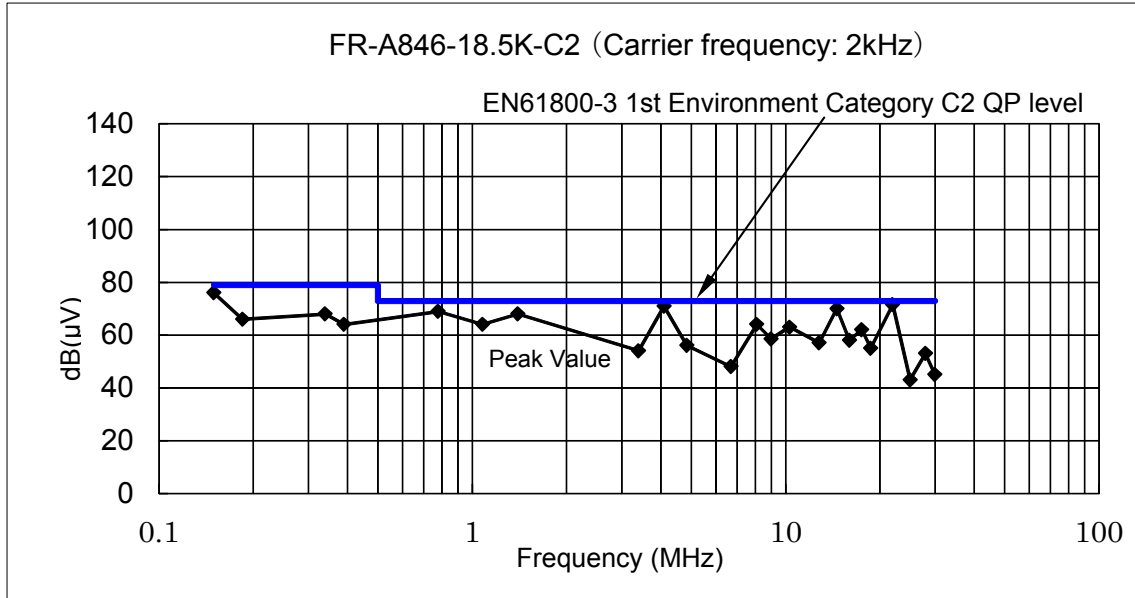


(Note) The QP value will not exceed the peak value

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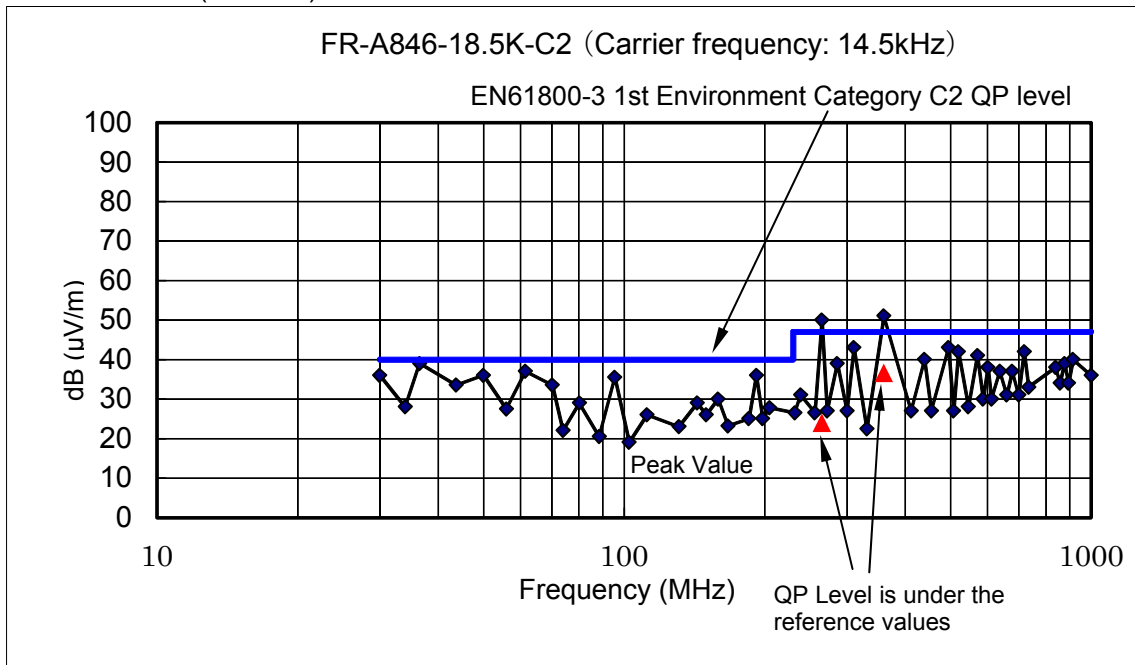
FR-A846-18.5K-C2

Conducted noise



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

Radiated noise (10m site)

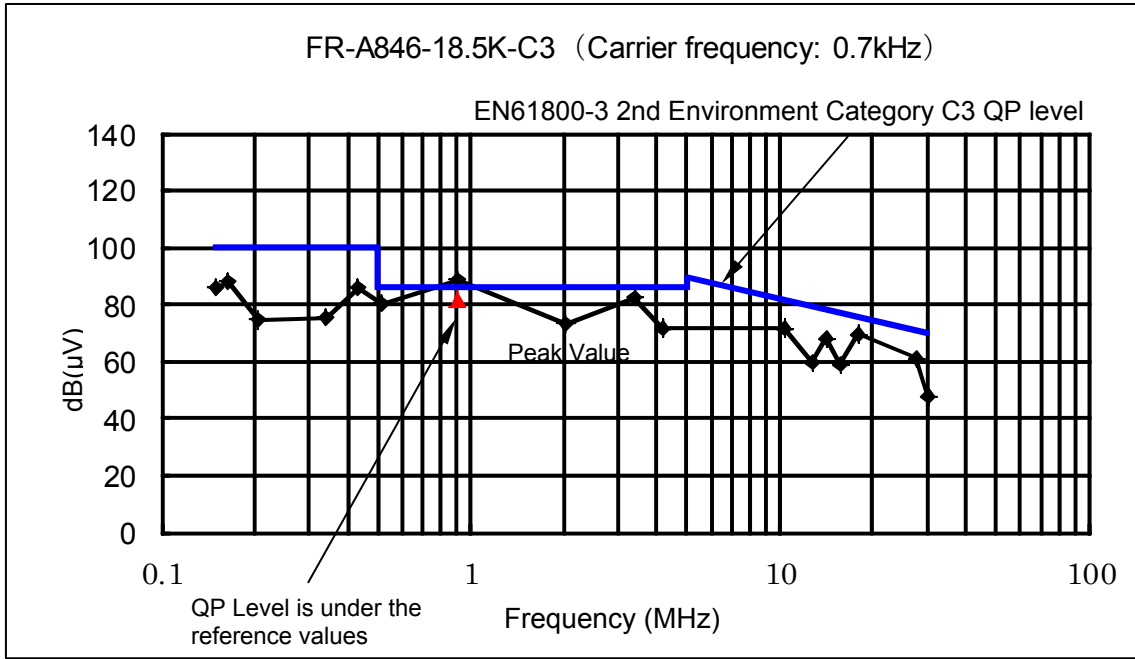


(Note) The QP value will not exceed the peak value

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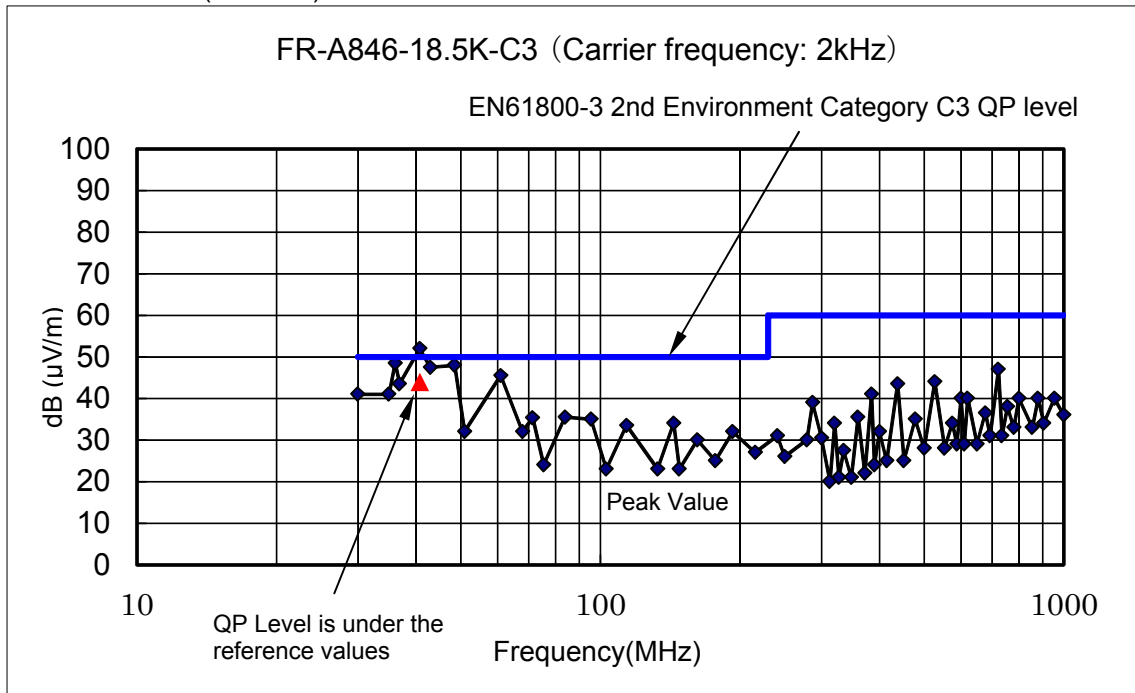
FR-A846-18.5K-C3

Conducted noise



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

Radiated noise (10m site)

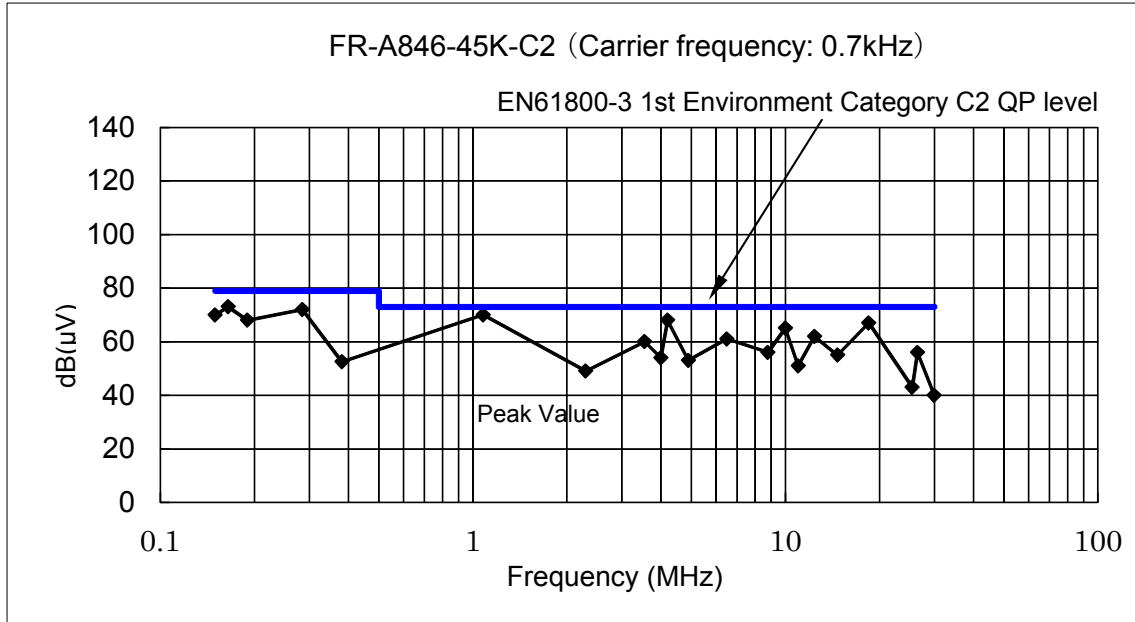


(Note) The QP value will not exceed the peak value

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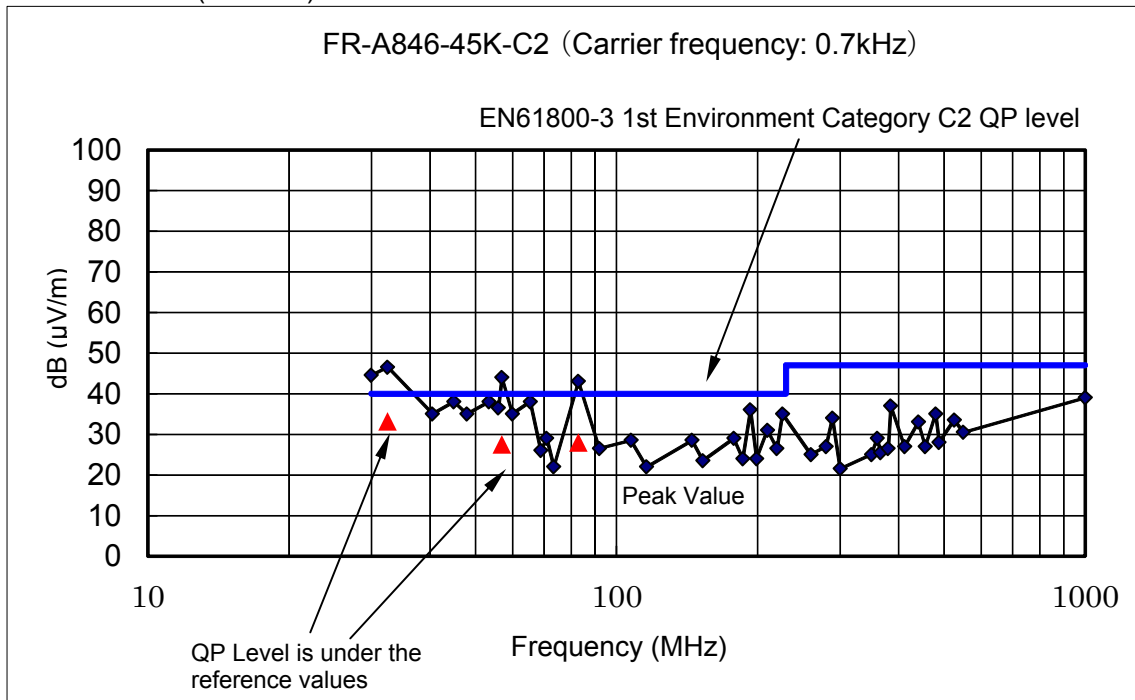
FR-A846-45K-C2

Conducted noise



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

Radiated noise (10m site)

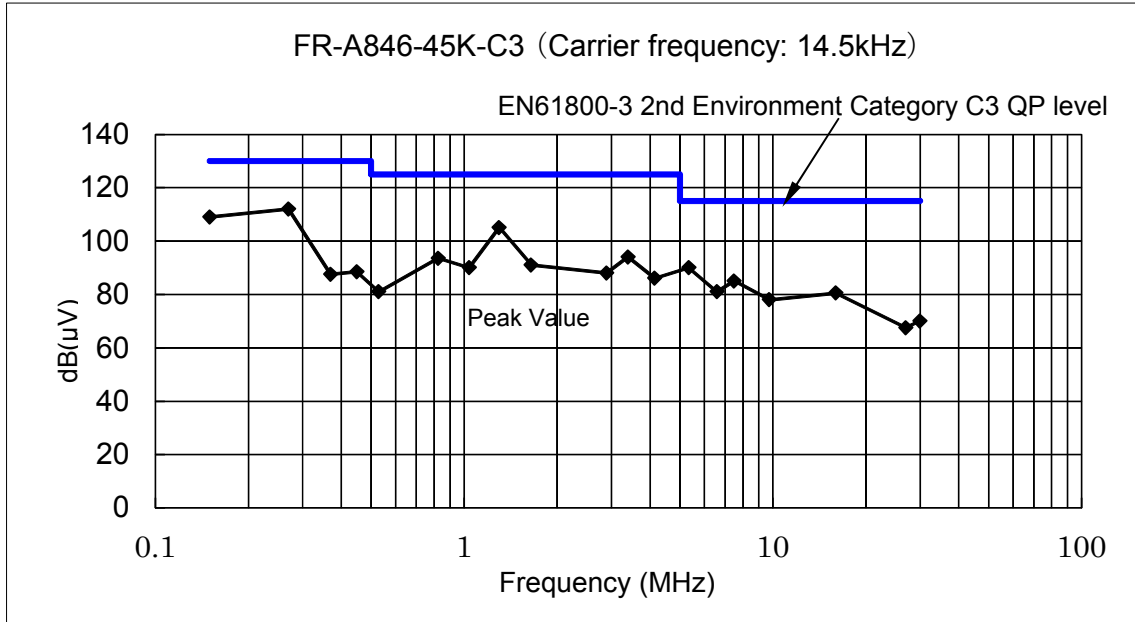


(Note) The QP value will not exceed the peak value

MODELS: FR-A800

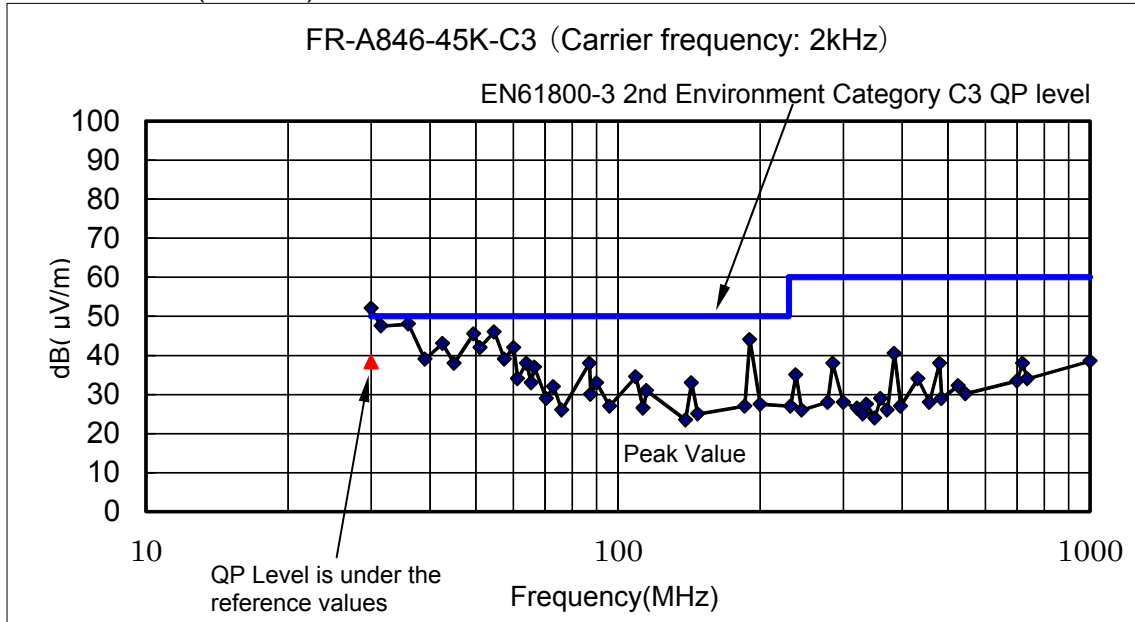
FR-A846-45K-C3

Conducted noise



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

Radiated noise (10m site)

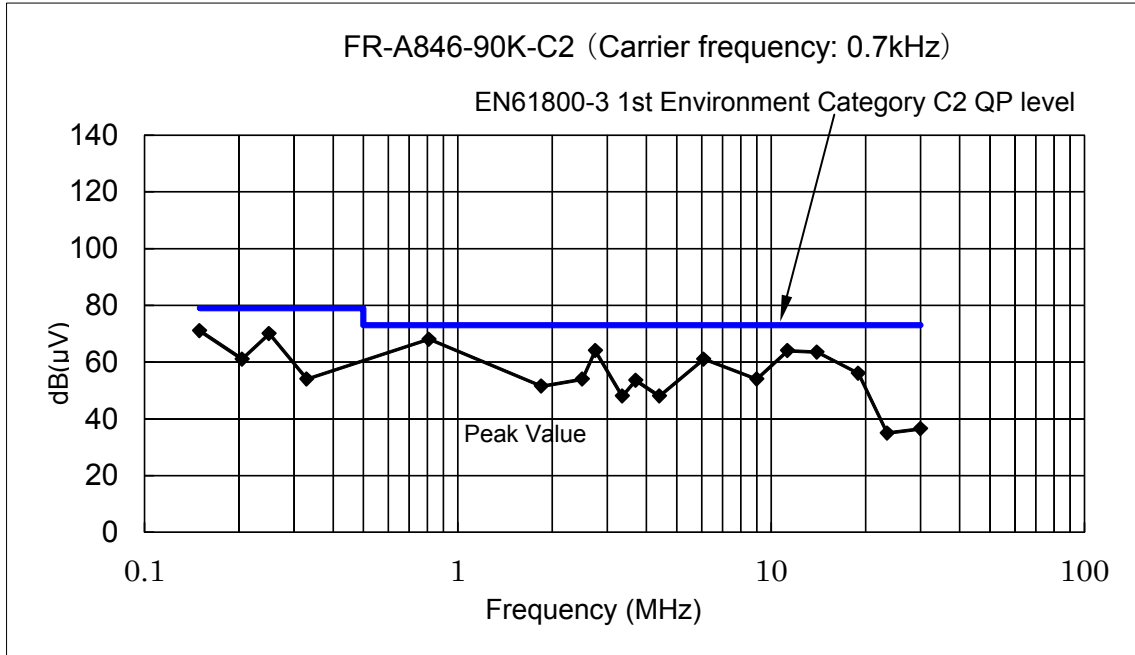


(Note) The QP value will not exceed the peak value

MODELS: FR-A800

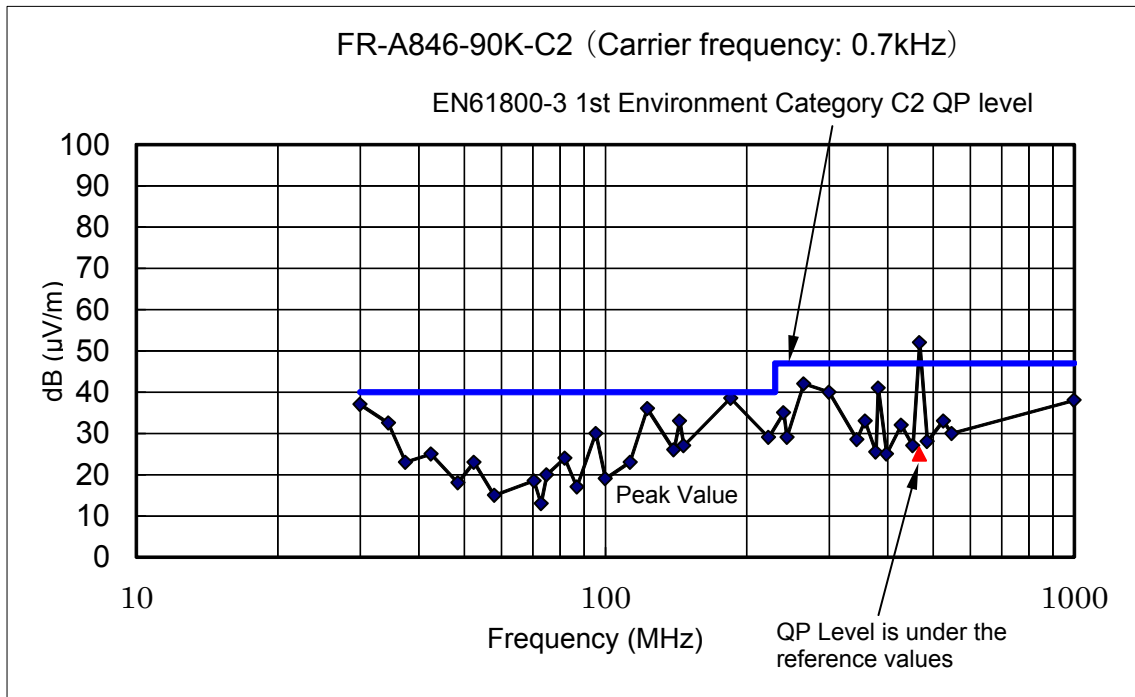
FR-A846-90K-C2

Conducted noise



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

Radiated noise (10m site)

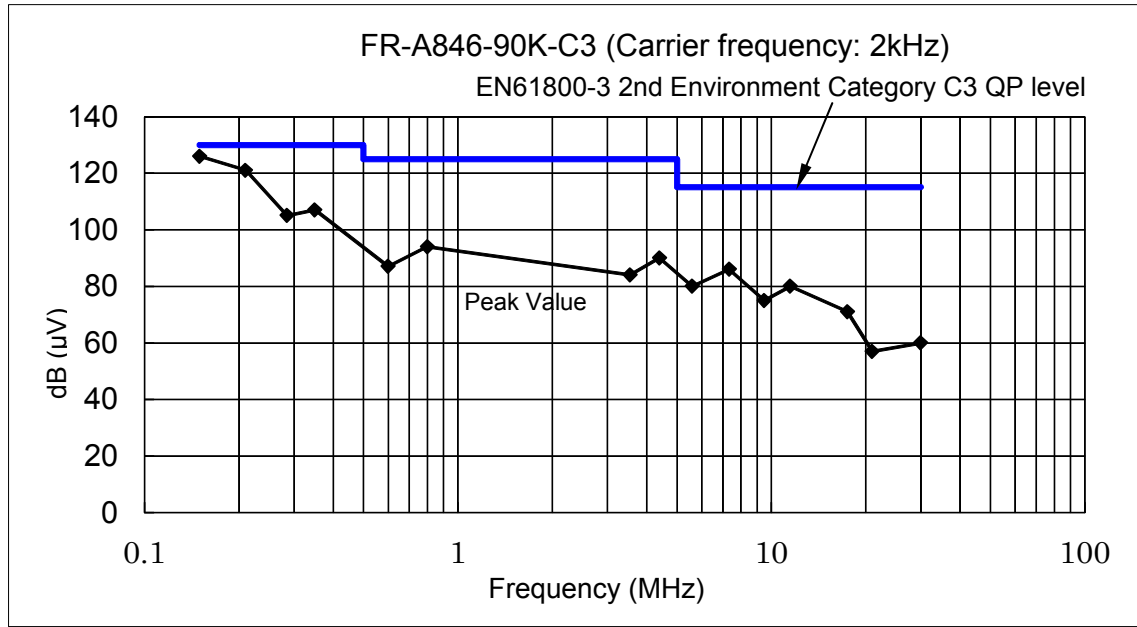


(Note) The QP value will not exceed the peak value

MODELS: FR-A800

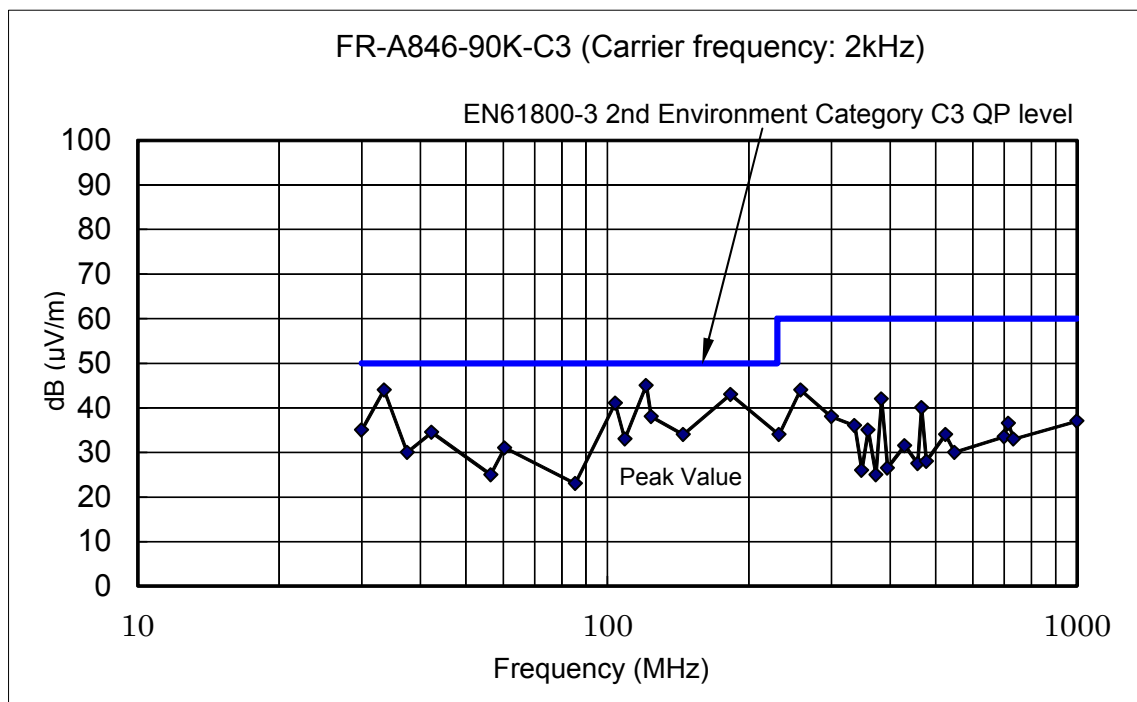
FR-A846-90K-C3

Conducted noise



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

Radiated noise (10m site)

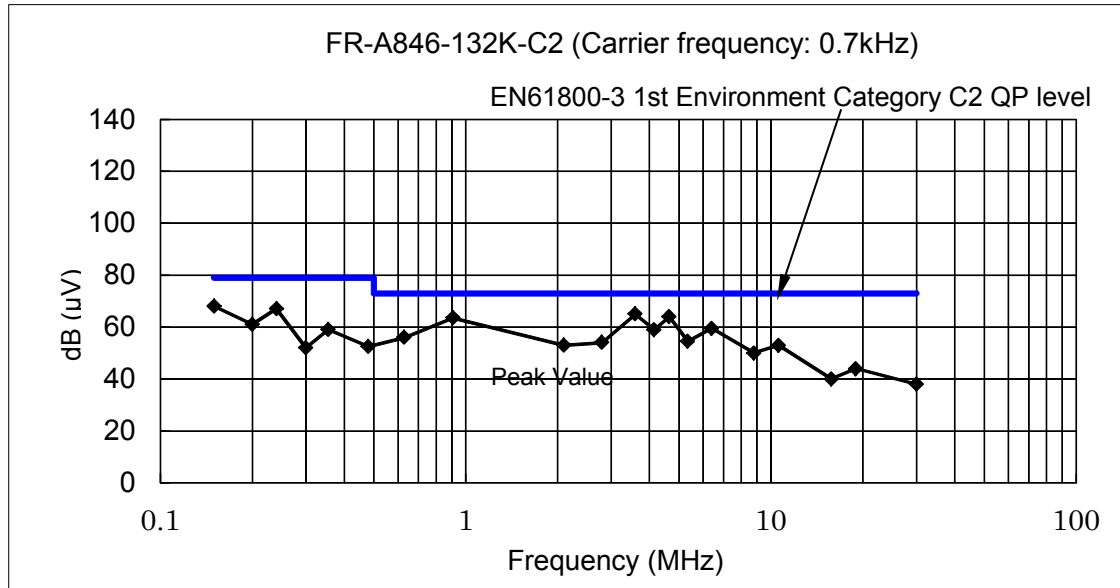


(Note) The QP value will not exceed the peak value

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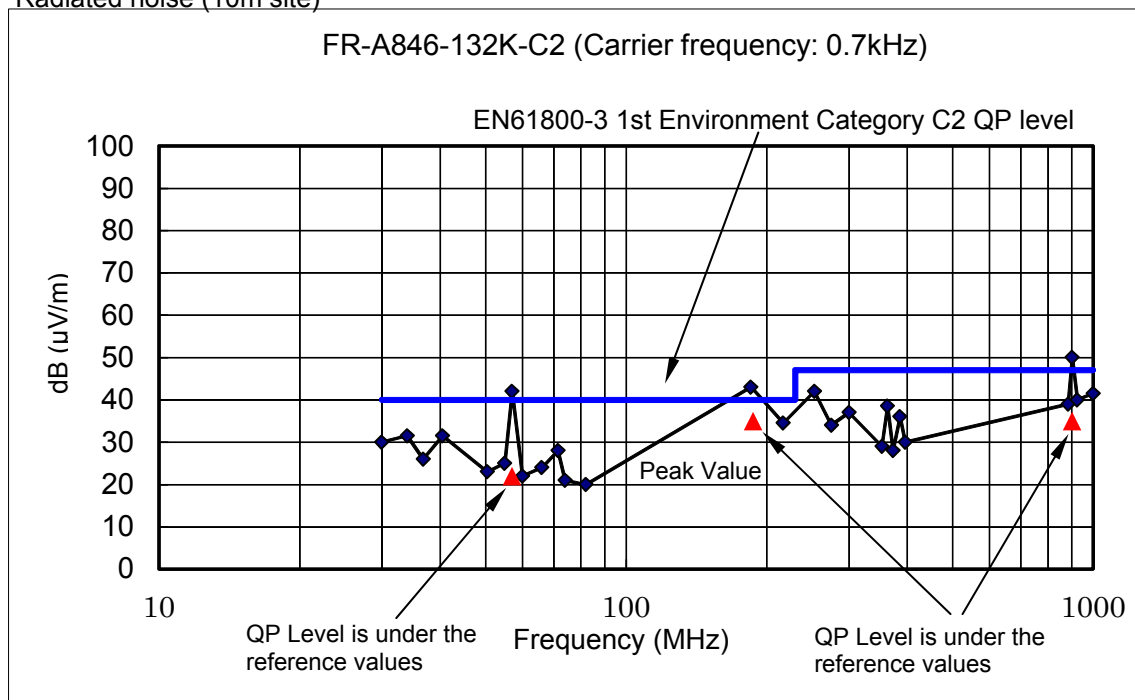
FR-A846-132K-C2

Conducted noise



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

Radiated noise (10m site)

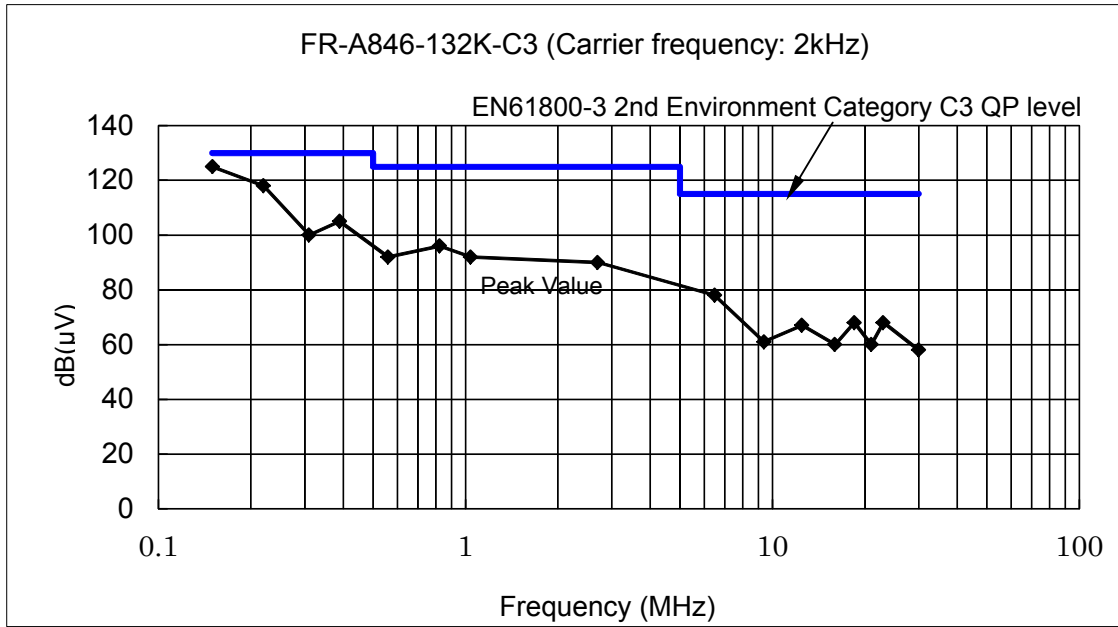


(Note) The QP value will not exceed the peak value

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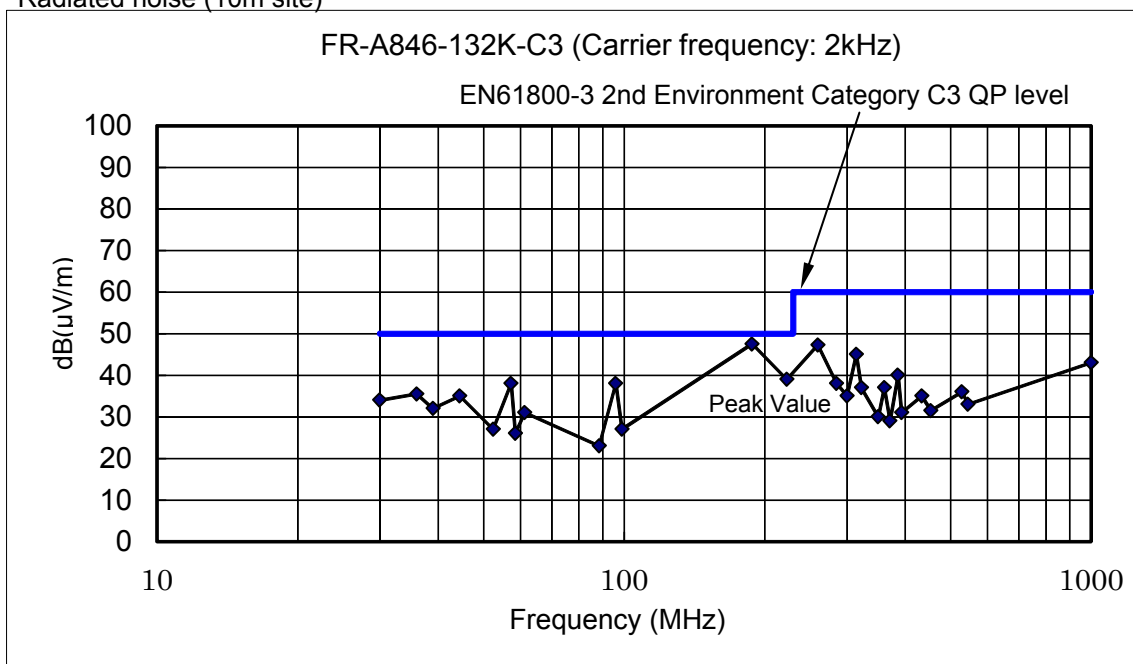
FR-A846-132K-C3

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