

MODELS: FR-E800

TITLE: EMC DATA EXAMPLE (FR-E820)

EMC data example when using the filter compliant with the EU EMC Directive shows as below.

FR-E820

Conditions

The inverter conforms to EN61800-3/IEC61800-3 product standard.

The measurement was conducted based on the measurement conditions of 2nd Environment Category C3 described in EN61800-3/IEC61800-3.

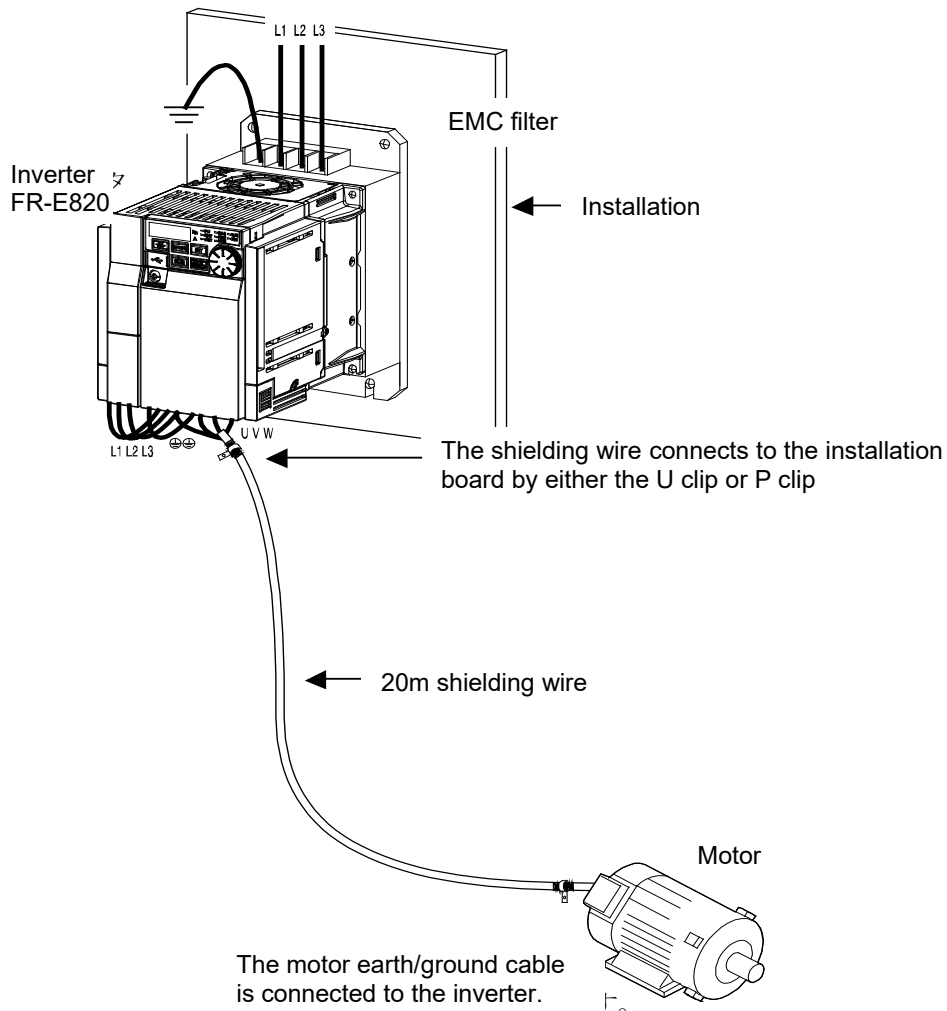
(NOTE)The following EMC data example is under the determination value of EN61800-3 as the most strict condition.

Output interconnection (motor) length :20m

Output cable type :Shielded cable

Inverter frequency :30Hz

Carrier frequency :Indicated above each graph



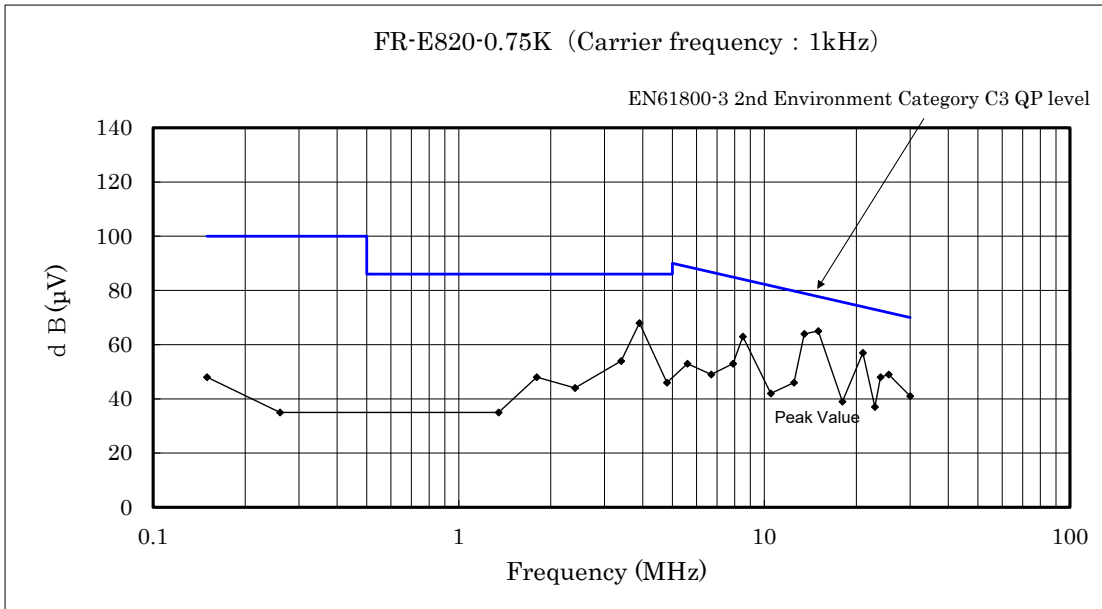
MODELS: FR-E800

TITLE: EMC DATA EXAMPLE (FR-E820)

EXAMPLE OF MEASUREMENT RESULTS

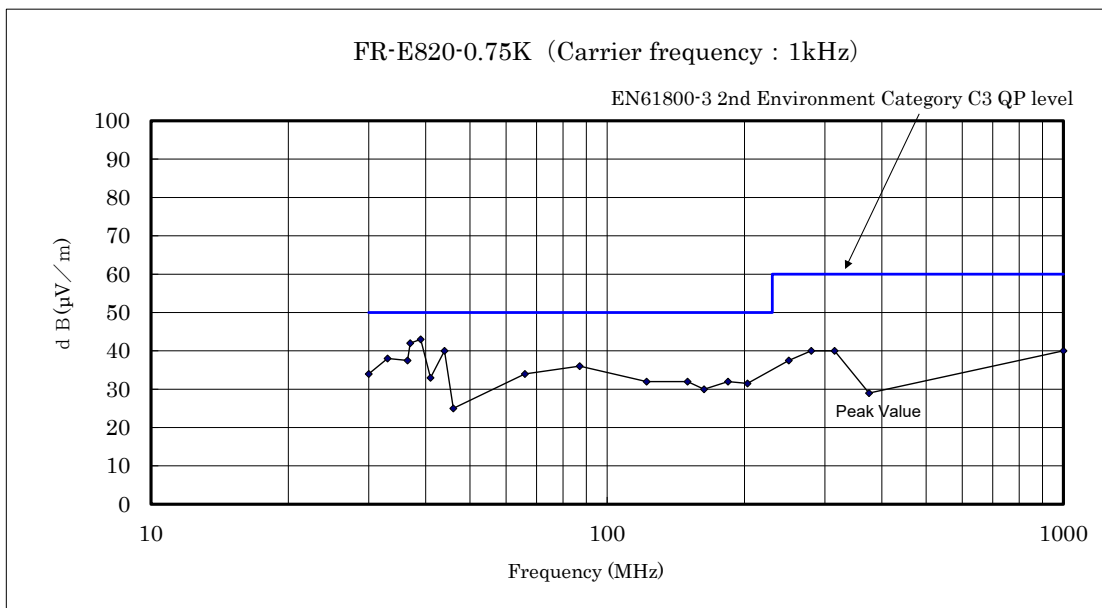
FR-E820-0.75K、SF1306

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

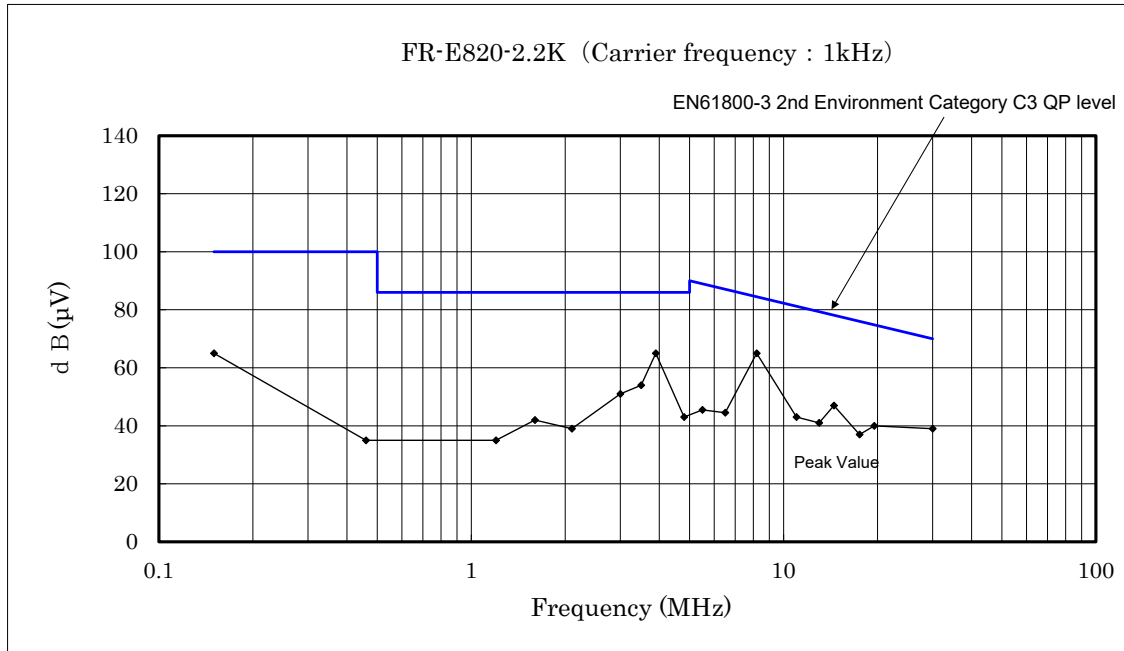
MODELS: FR-E800

TITLE: EMC DATA EXAMPLE (FR-E820)

EXAMPLE OF MEASUREMENT RESULTS

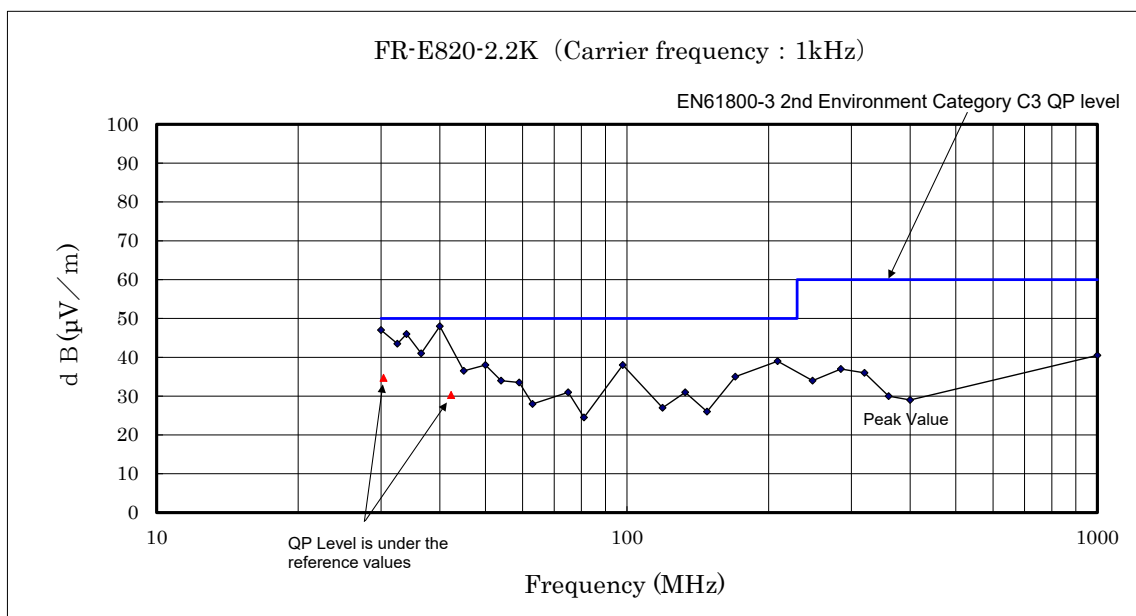
FR-E820-2.2K、SF1309

Conducted noise



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

Radiated noise (10m site)



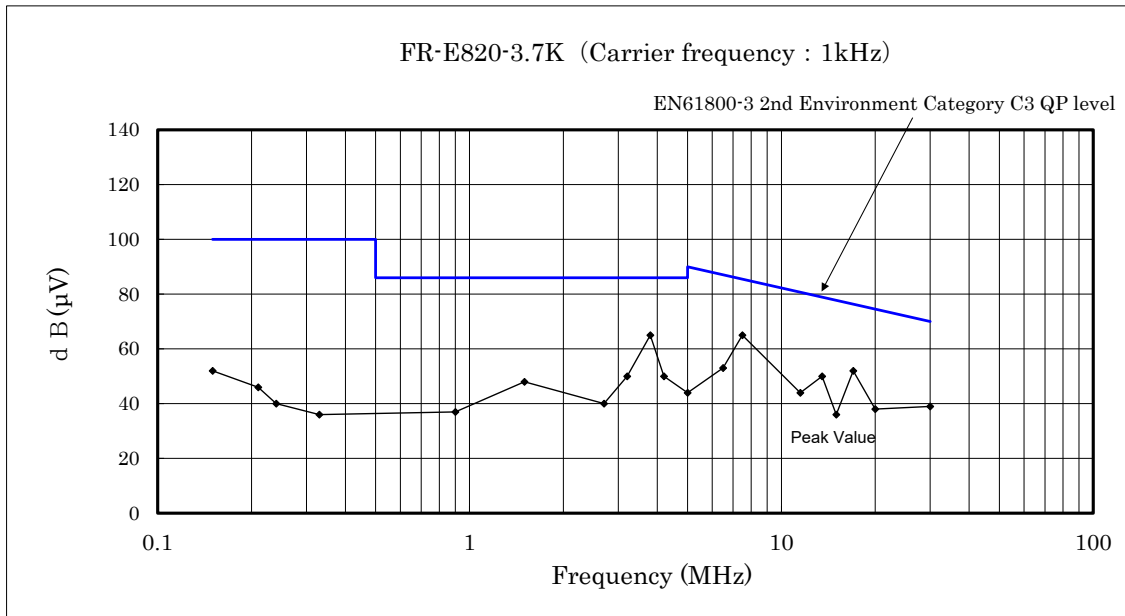
(Note) The QP value will not exceed the peak value

MODELS: FR-E800

TITLE: EMC DATA EXAMPLE (FR-E820)

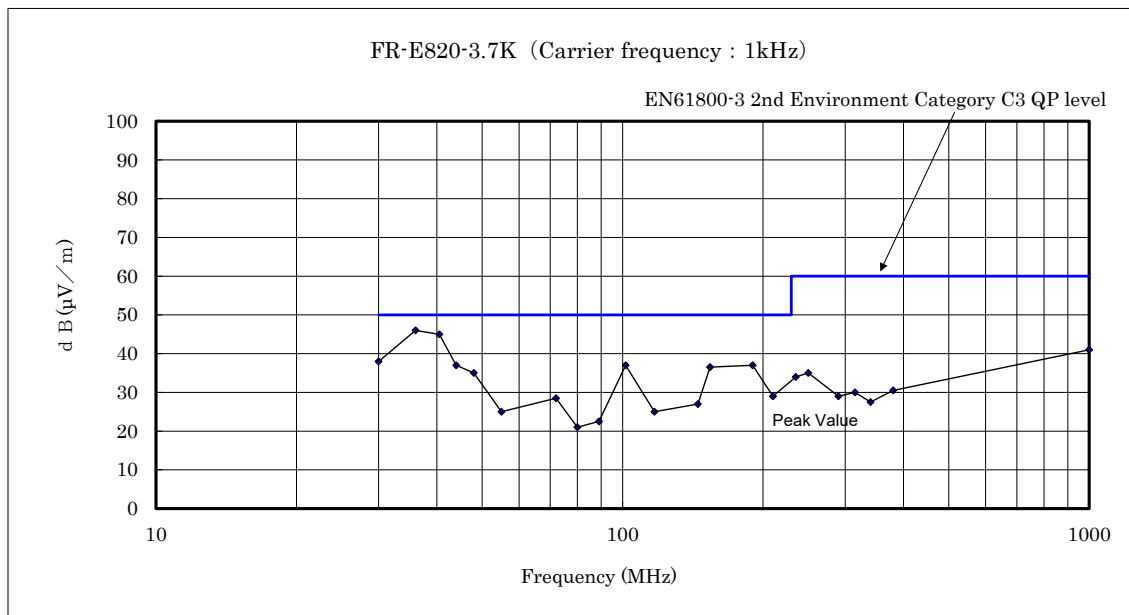
EXAMPLE OF MEASUREMENT RESULTS
 FR-E820-3.7K、SF1309

Conducted noise



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

Radiated noise (10m site)



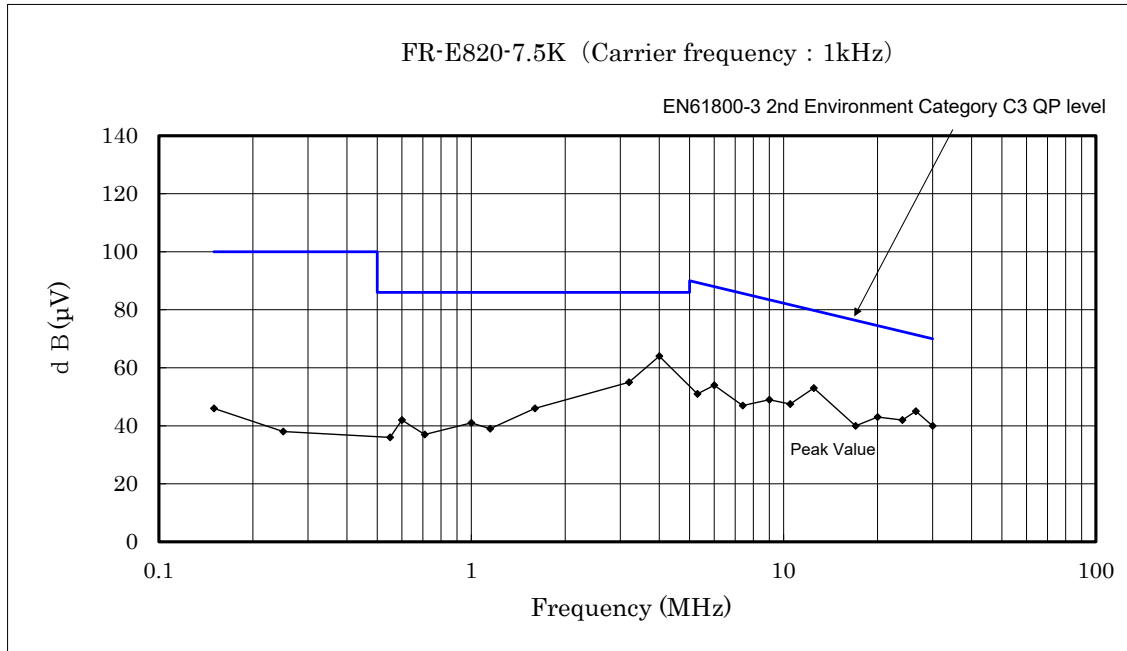
(Note) The QP value will not exceed the peak value

MODELS: FR-E800

TITLE: EMC DATA EXAMPLE (FR-E820)

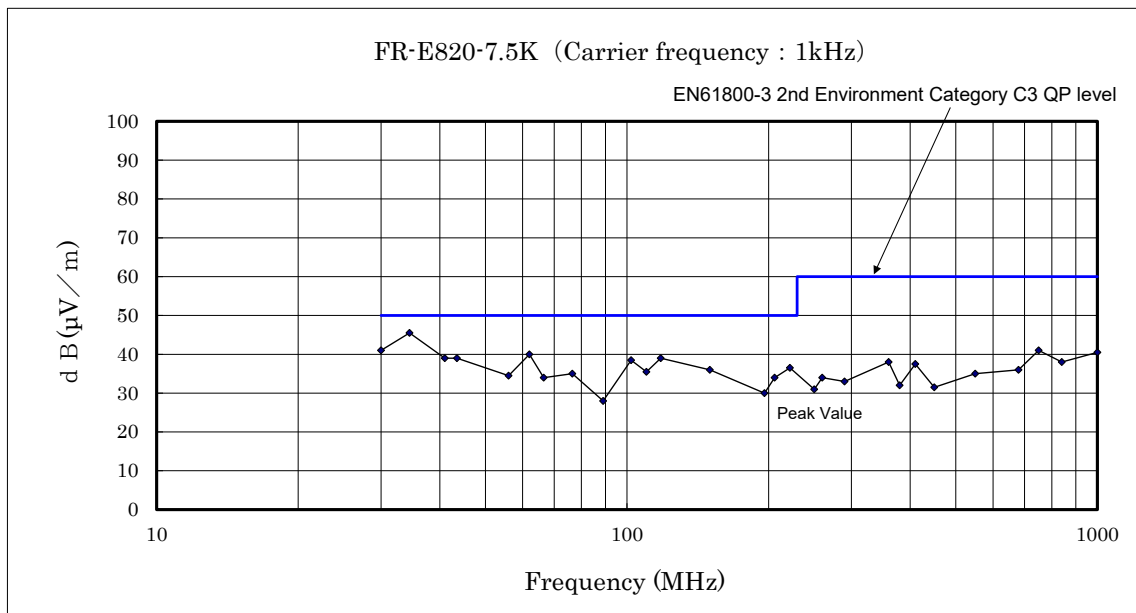
EXAMPLE OF MEASUREMENT RESULTS
 FR-E820-7.5K、SF1260

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

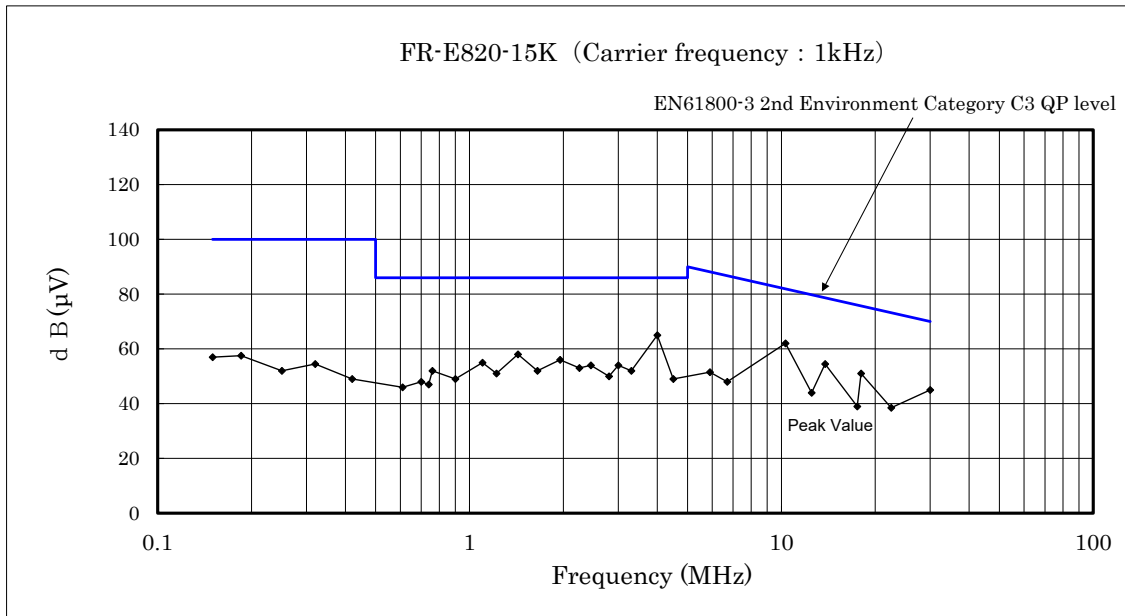
MODELS: FR-E800

TITLE: EMC DATA EXAMPLE (FR-E820)

EXAMPLE OF MEASUREMENT RESULTS

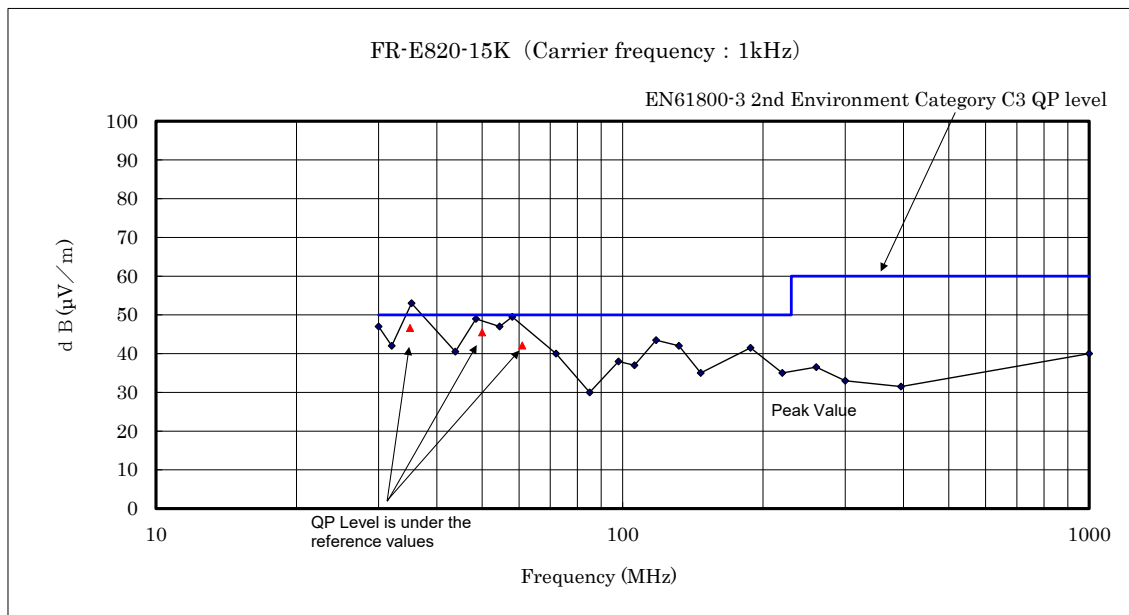
FR-E820-15K、SF1261

Conducted noise



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

Radiated noise (10m site)



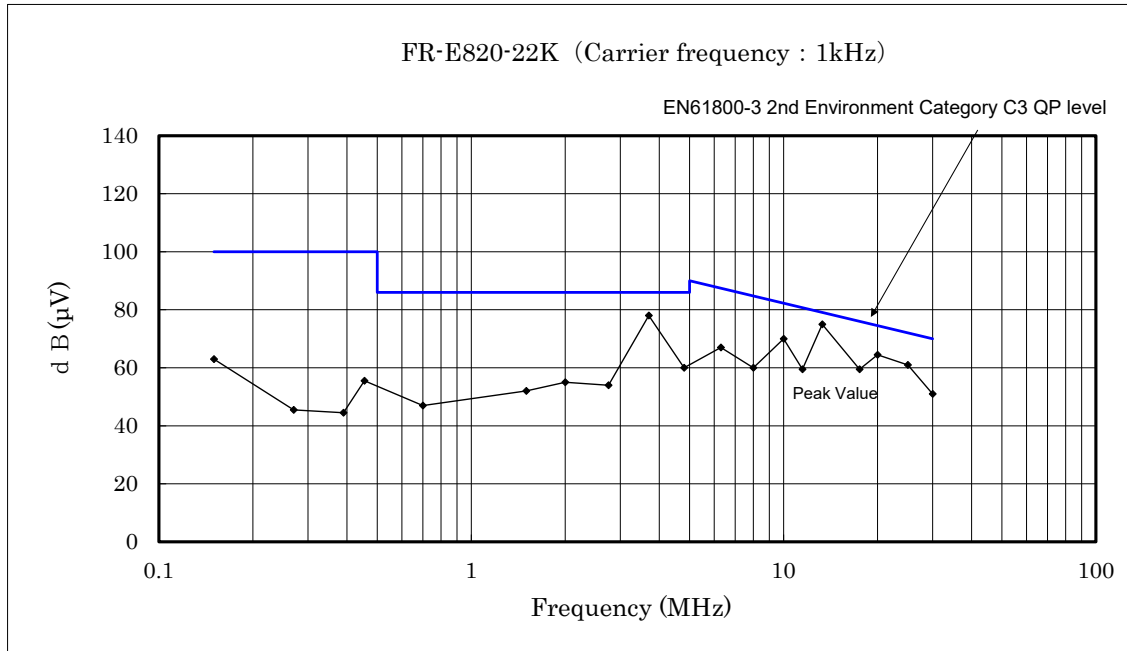
(Note) The QP value will not exceed the peak value

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TITLE: EMC DATA EXAMPLE (FR-E820)

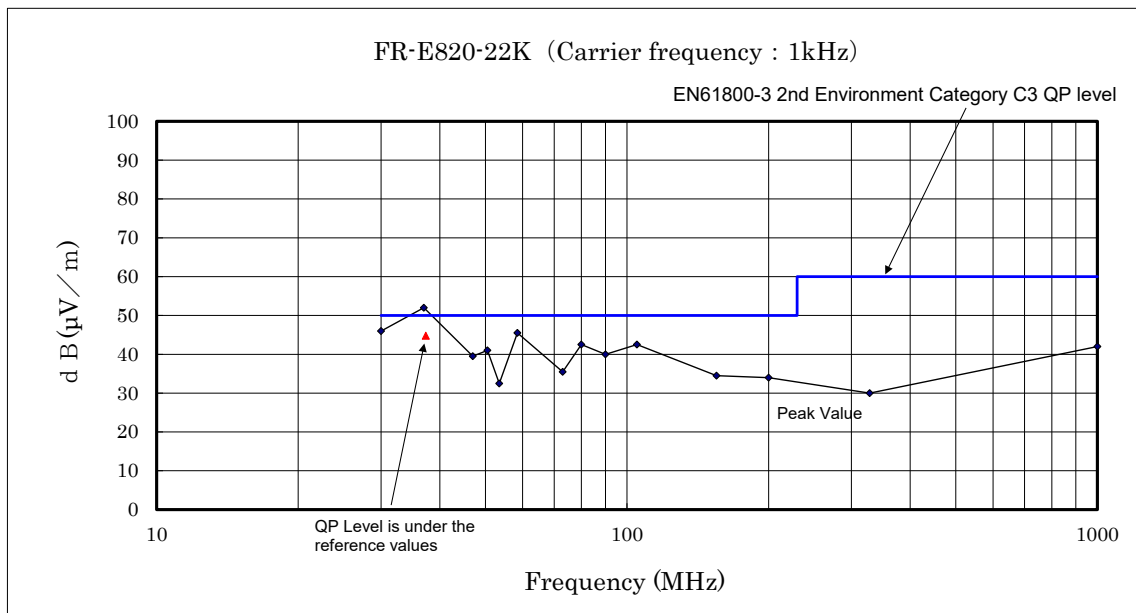
EXAMPLE OF MEASUREMENT RESULTS
 FR-E820-22K、SF1262

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