

MODELS: FR-E800

TITLE: EMC DATA EXAMPLE (FR-E840)

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

FR-E840

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.

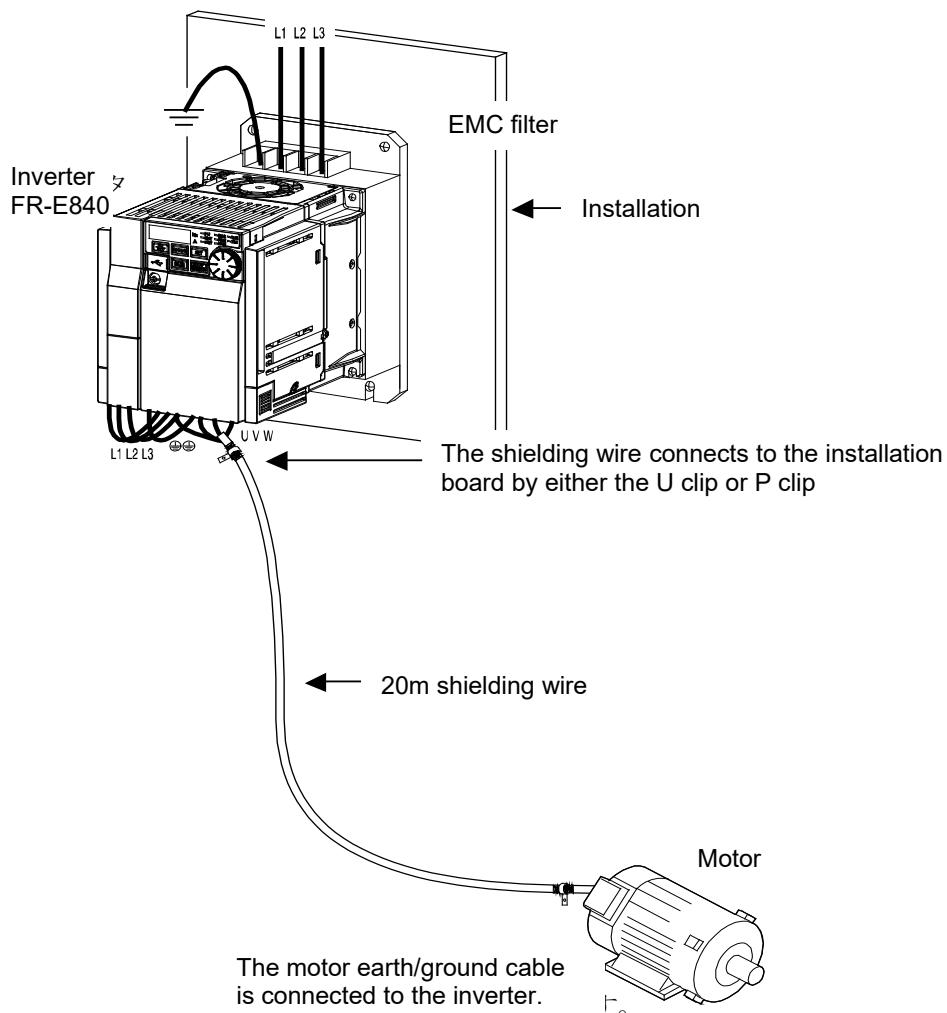
(NOTE)The following EMC data example is under the determination value of EN61800-3 as the most strict condition.

Output interconnection (motor) length :20m

Output cable type :Shielded cable

Inverter frequency :30Hz

Carrier frequency :Indicated above each graph

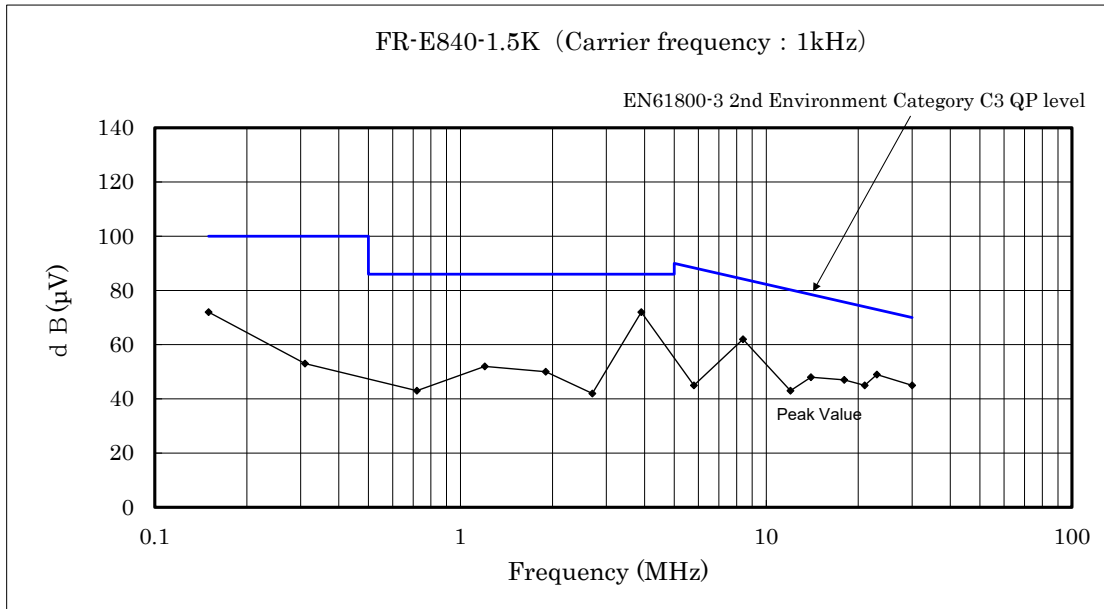


MODELS: FR-E800

TITLE: EMC DATA EXAMPLE (FR-E840)

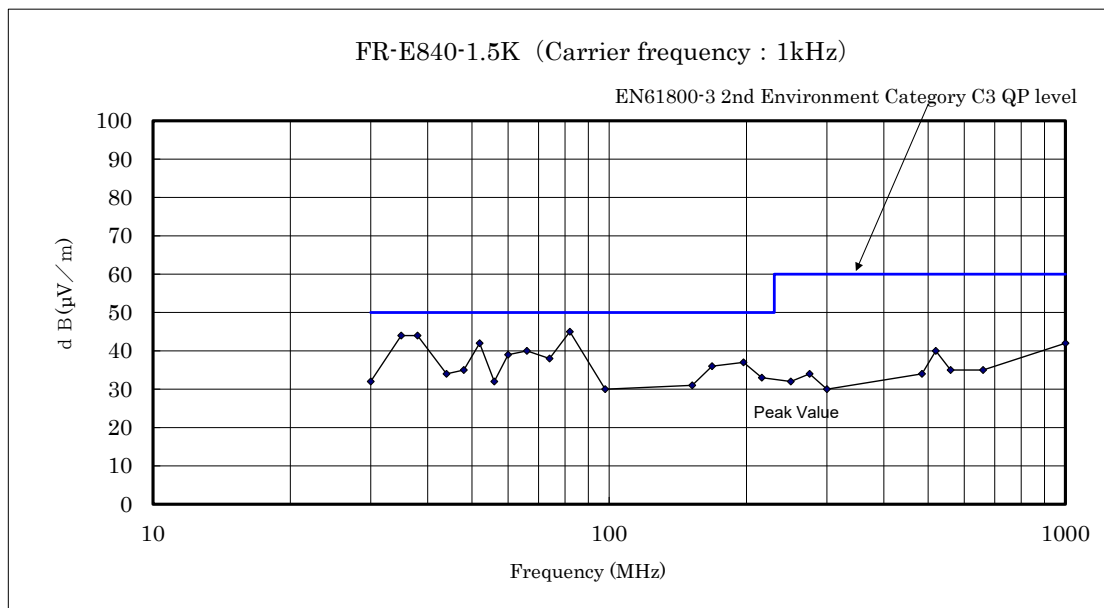
EXAMPLE OF MEASUREMENT RESULTS
 FR-E840-1.5K, FR-E5NF-H3.7K

Conducted noise



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

Radiated noise (10m site)



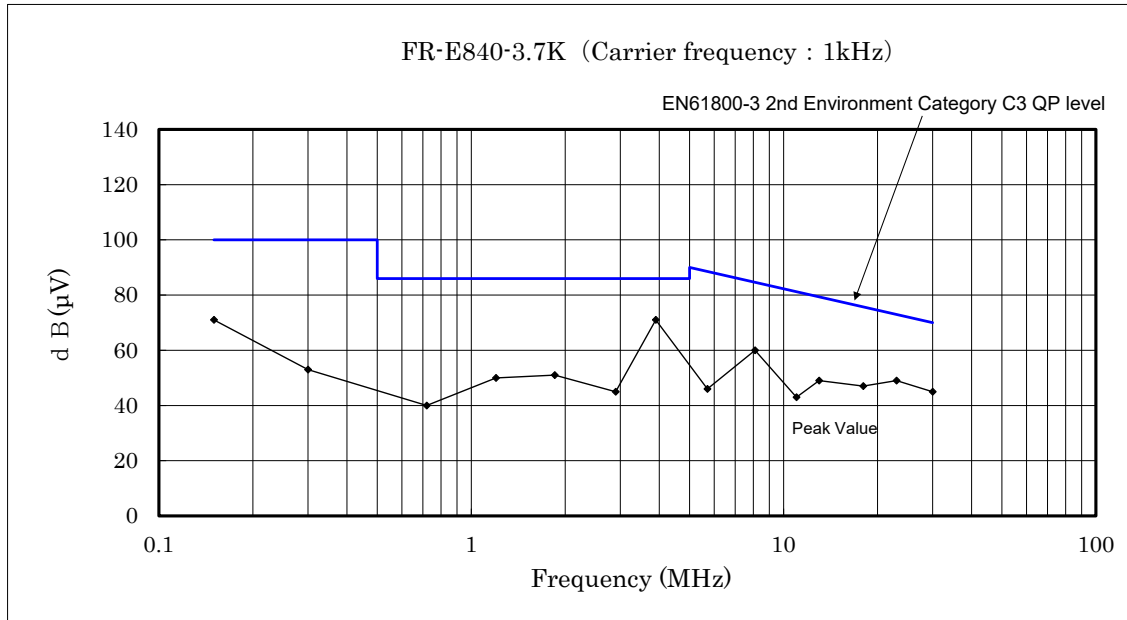
(Note) The QP value will not exceed the peak value

MODELS: FR-E800

TITLE: EMC DATA EXAMPLE (FR-E840)

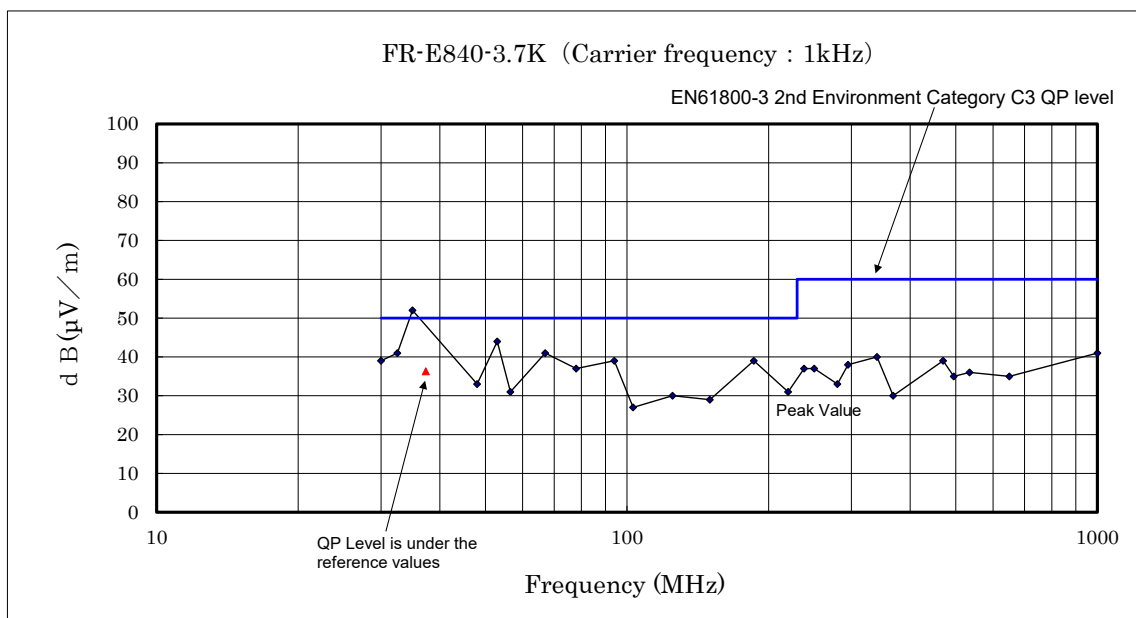
EXAMPLE OF MEASUREMENT RESULTS
 FR-E840-3.7K, FR-E5NF-H3.7K

Conducted noise



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

Radiated noise (10m site)



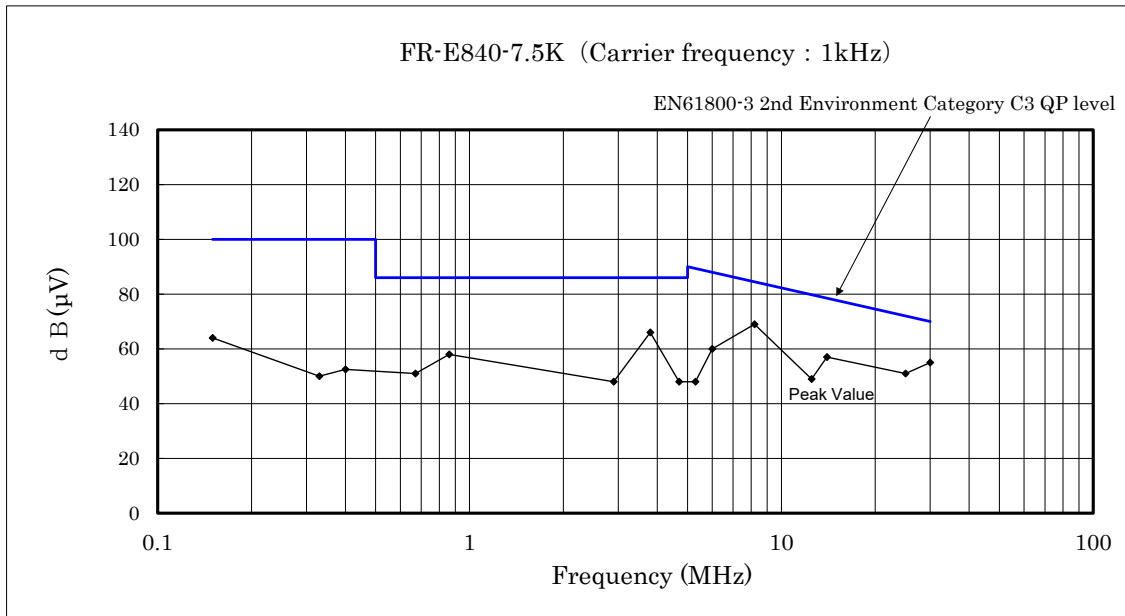
(Note) The QP value will not exceed the peak value

MODELS: FR-E800

TITLE: EMC DATA EXAMPLE (FR-E840)

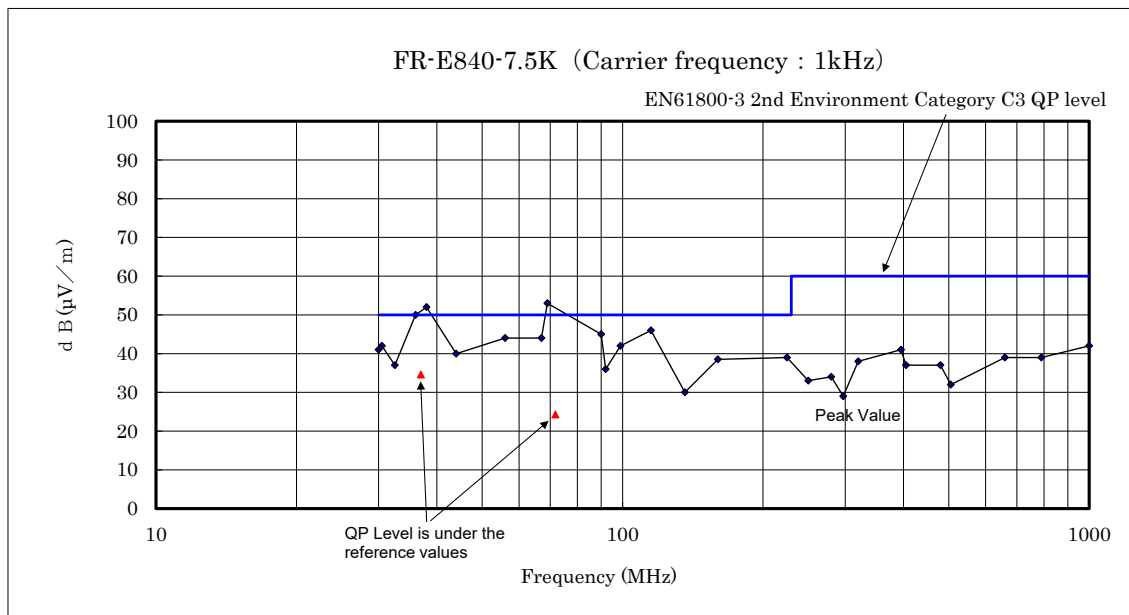
EXAMPLE OF MEASUREMENT RESULTS
 FR-E840-7.5K, FR-E5NF-H7.5K

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

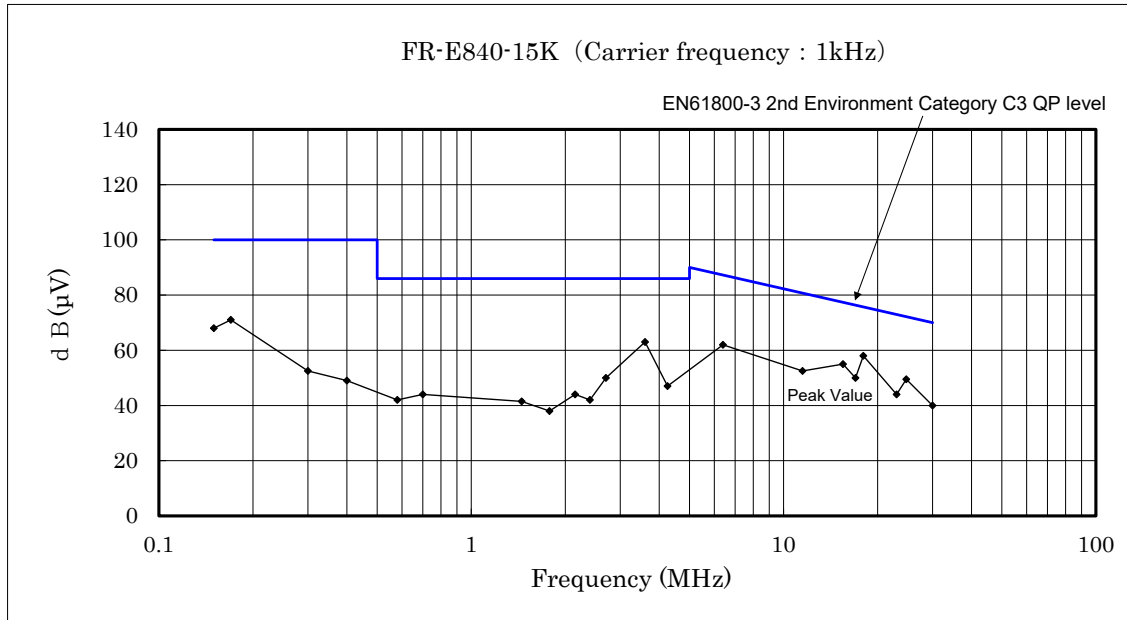
MODELS: FR-E800

TITLE: EMC DATA EXAMPLE (FR-E840)

EXAMPLE OF MEASUREMENT RESULTS

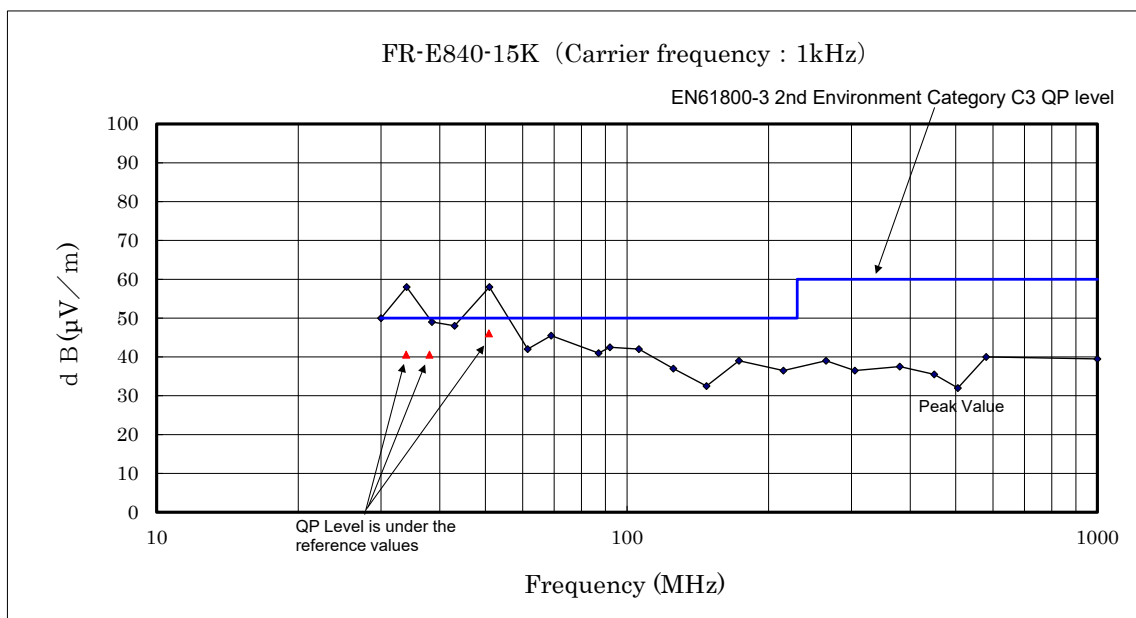
FR-E840-15K、SF1175

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

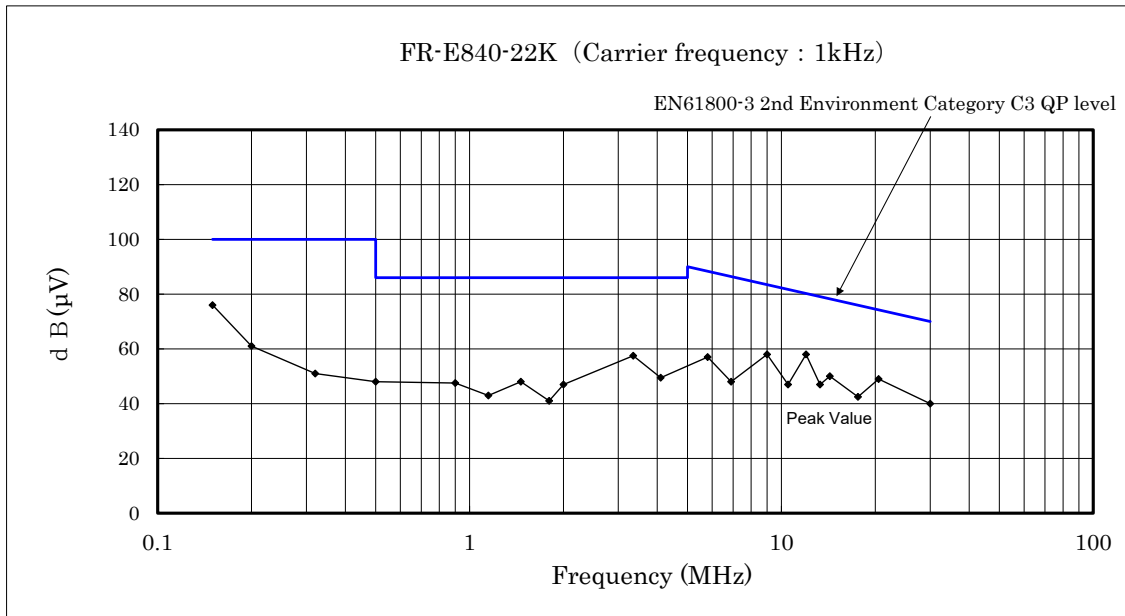
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EXAMPLE OF MEASUREMENT RESULTS

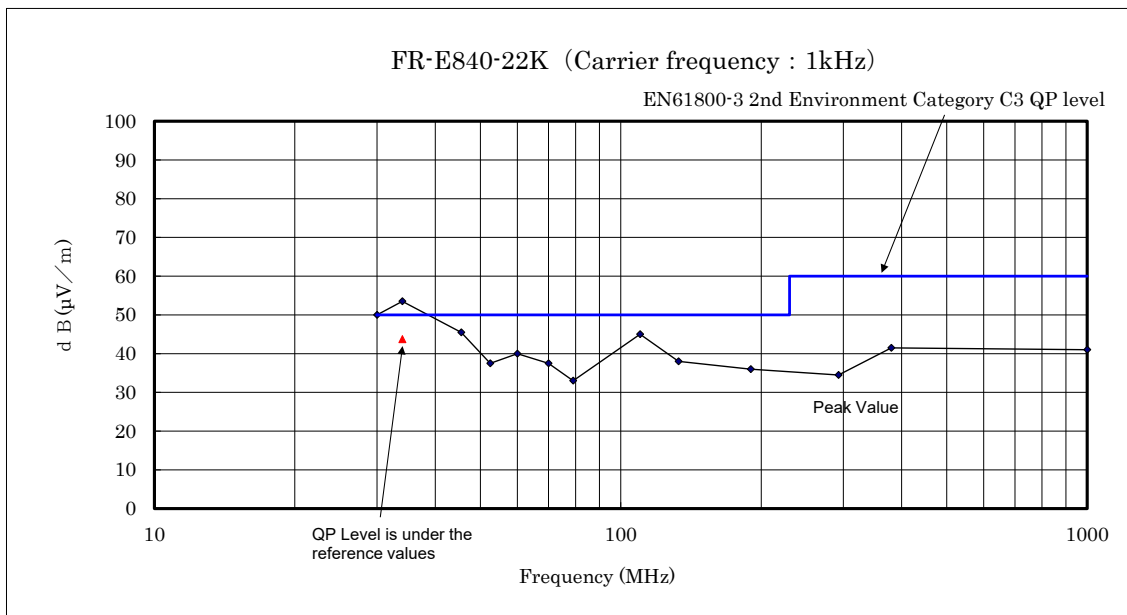
FR-E840-22K、SF1176

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