GENESYS™

GH1.5kW

EMI

DATA

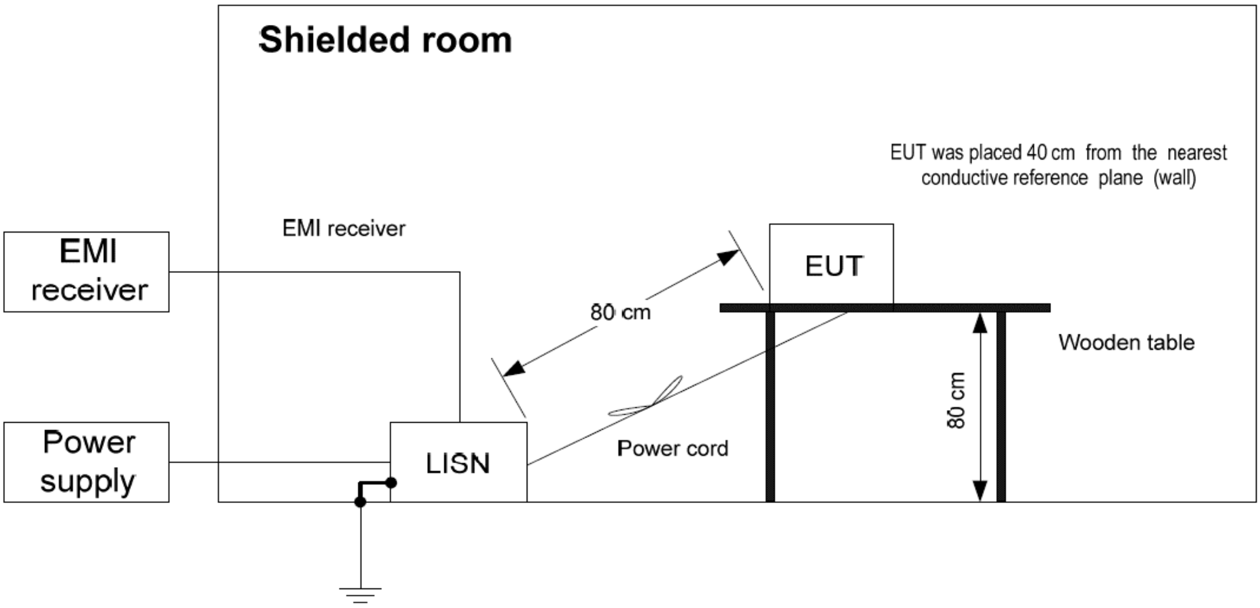
DWG: IA762-58-02		
APPD	CHK	DWG
Cyaner 19/08/19	Uri m 19/8/19	MICHAEL G. 18.08.2019

TDK-LAMBDA

The above data is typical value data.
The values are considered to be actual capability data.

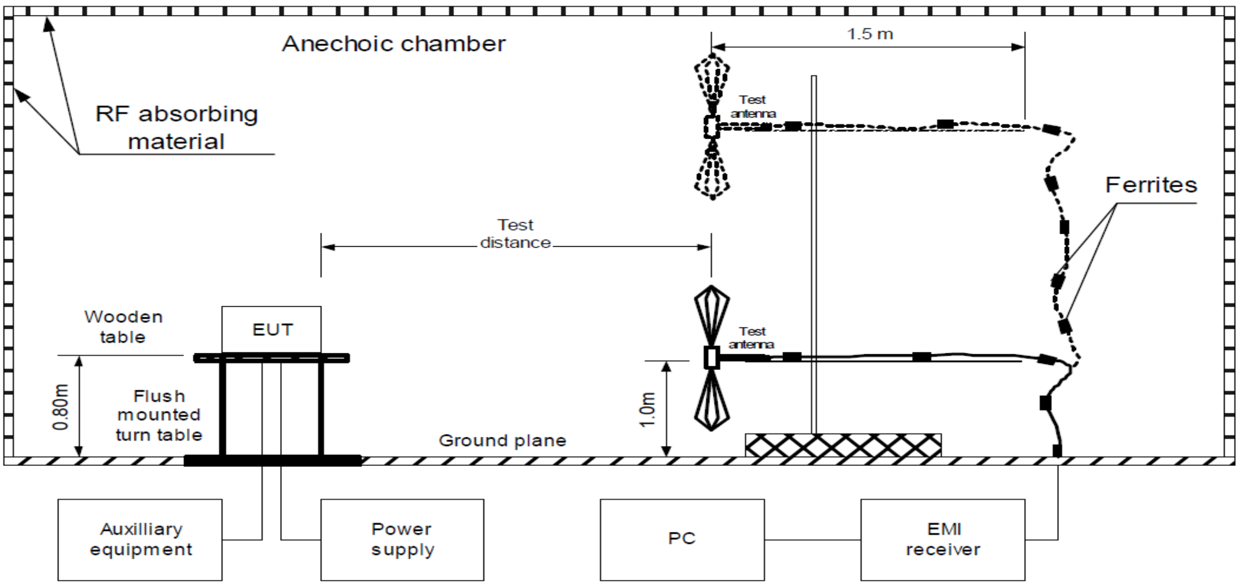
1.Test Method

(1) Conducted Emission



EMI TEST RECEIVER	ESPI	(ROHDE & SCHWARZ)
LISN	ENV4200	(ROHDE & SCHWARZ)

(2) Radiated Emission



SPECTRUM ANALYZER	MS2601A	(ANRITSU)
EMI TEST RECEIVER	85462A	(HEWLETT. PACKARD)
BICONICAL ANTENNA	3110BA30/200	(EMCO)
LOG-PERIODIC ANTENNA	LP200000	(ELECTROMETRIX)
	LPA2530	(ELECTROMETRIX)

2. Test Data

2.1 Conducted Emission

MODEL: GH10-150

(1) Test condition

Input voltage/frequency: 1PHASE 100VAC/50Hz
Output current: 100%
Output voltage: 100%
Ambient temperature: 25°C
Regulation: FCC Class B, IEC61204-3

(2) Test results

Under the above test condition, emission level was below the limit line.
Refer to the following interference wave list and next page for spectrum data.

Inteference wave list

FCC Class B, IEC61204-3				
PHASE	FREQ	RESULT	LIMIT	MARGIN
		AV	AV	AV
	MHz	dBμV	dBμV	dBμV
L	0.18934	43.65	54.07	10.42
N	0.23685	42.82	52.21	9.39

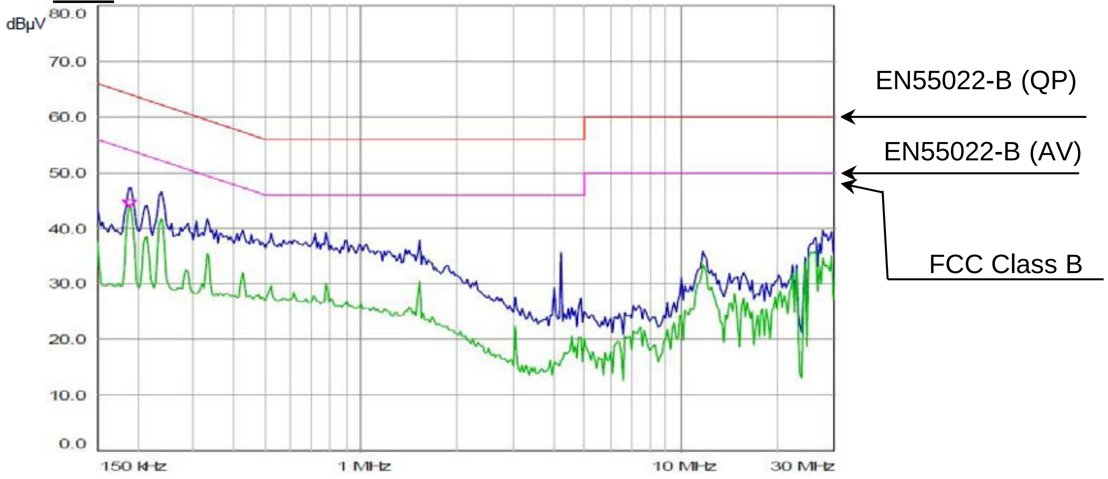
2. Test Data

2.1 Conducted Emission

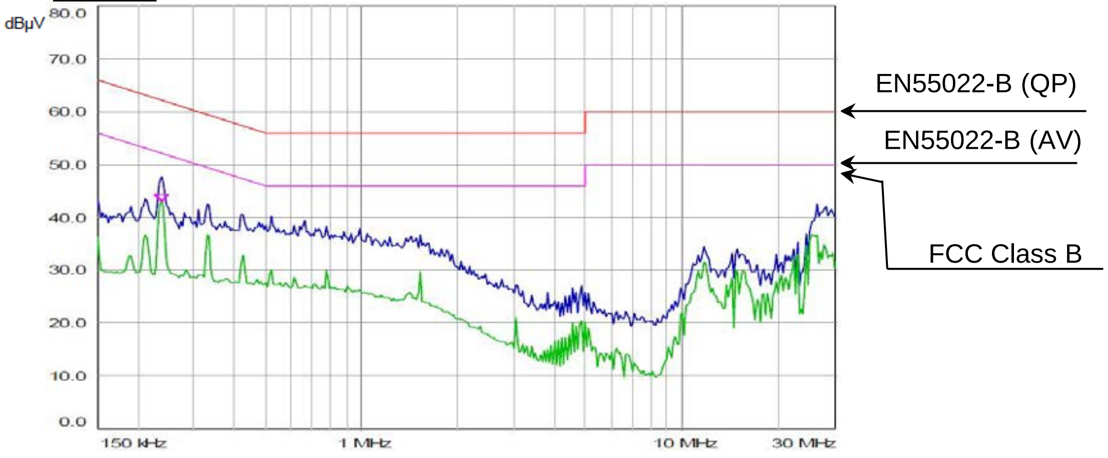
MODEL: GH10-150

Vin: 1PHASE 100VAC
Iout: 100%
Vout: 100%
Ta: 25°C

Line



Neutral



2. Test Data

2.1 Conducted Emission

MODEL: GH10-150

(1) Test condition

Input voltage/frequency: 1PHASE 230VAC/50Hz
Output current: 100%
Output voltage: 100%
Ambient temperature: 25°C
Regulation: FCC Class B, IEC61204-3

(2) Test results

Under the above test condition, emission level was below the limit line.
Refer to the following interference wave list and next page for spectrum data.

Inteference wave list

FCC Class B, IEC61204-3				
PHASE	FREQ	RESULT	LIMIT	MARGIN
		AV	AV	AV
	MHz	dBµV	dBµV	dBµV
L	0.23732	41.88	52.19	10.31
N	0.23685	42.54	52.21	9.67

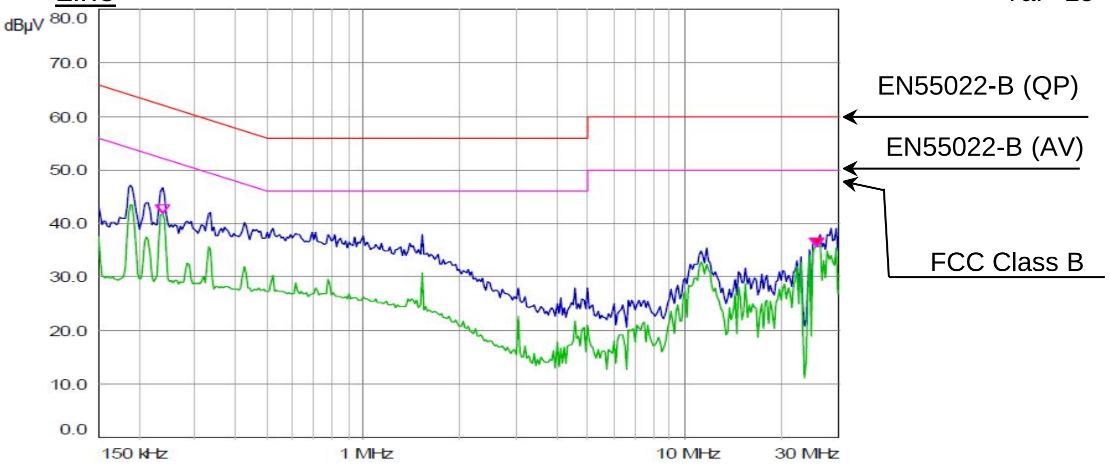
2. Test Data

2.1 Conducted Emission

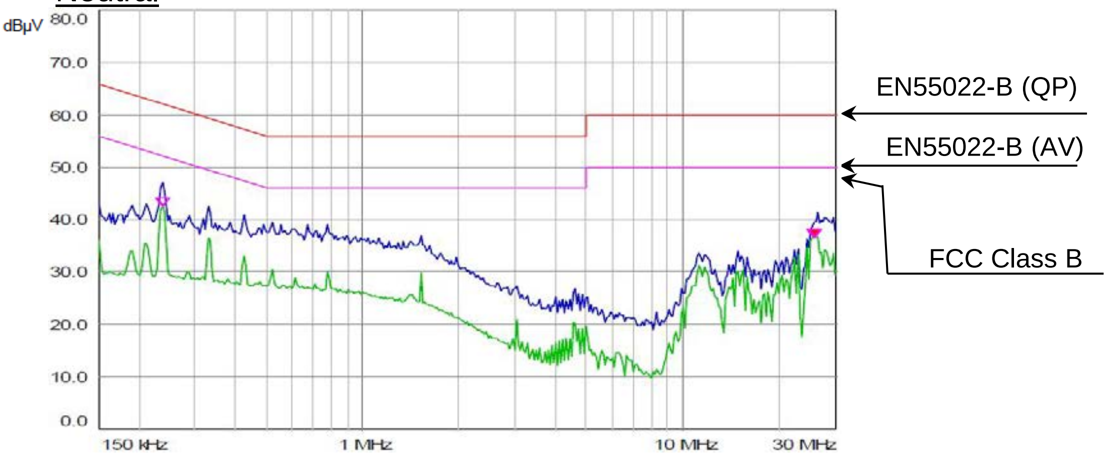
MODEL: GH10-150

Conditions: Vin: 1PHASE 230VAC
Iout: 100%
Vout: 100%
Ta: 25°C

Line



Neutral



2. Test Data

2.1 Conducted Emission

MODEL: GH60-25

(1) Test condition

Input voltage/frequency: 1PHASE 100VAC/50Hz
Output current: 100%
Output voltage: 100%
Ambient temperature: 25°C
Regulation: FCC Class B, IEC61204-3

(2) Test results

Under the above test condition, emission level was below the limit line.
Refer to the following interference wave list and next page for spectrum data.

Inteference wave list

FCC Class B, IEC61204-3				
PHASE	FREQ	RESULT	LIMIT	MARGIN
		AV	AV	AV
	MHz	dBμV	dBμV	dBμV
L	0.19028	47.09	54.02	6.93
N	0.23637	41.17	52.22	11.05

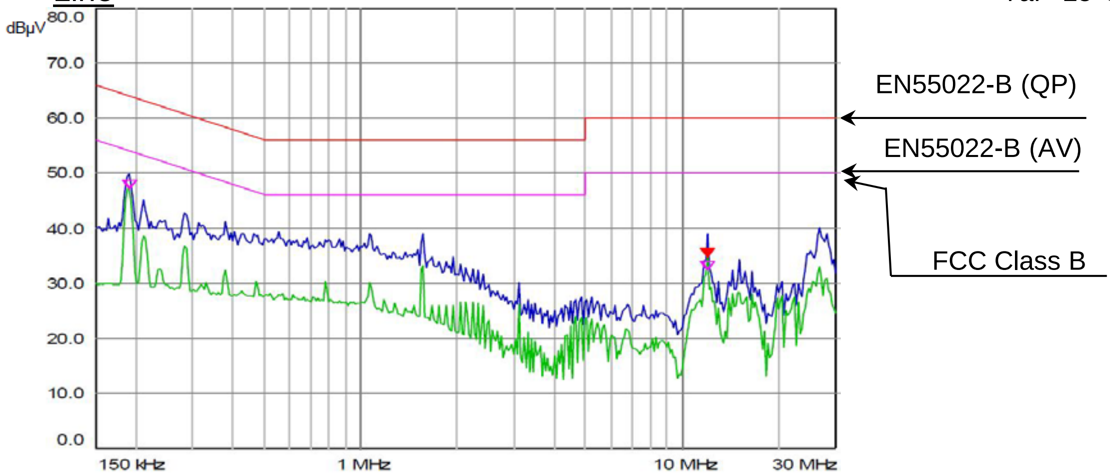
2. Test Data

2.1 Conduction Emission

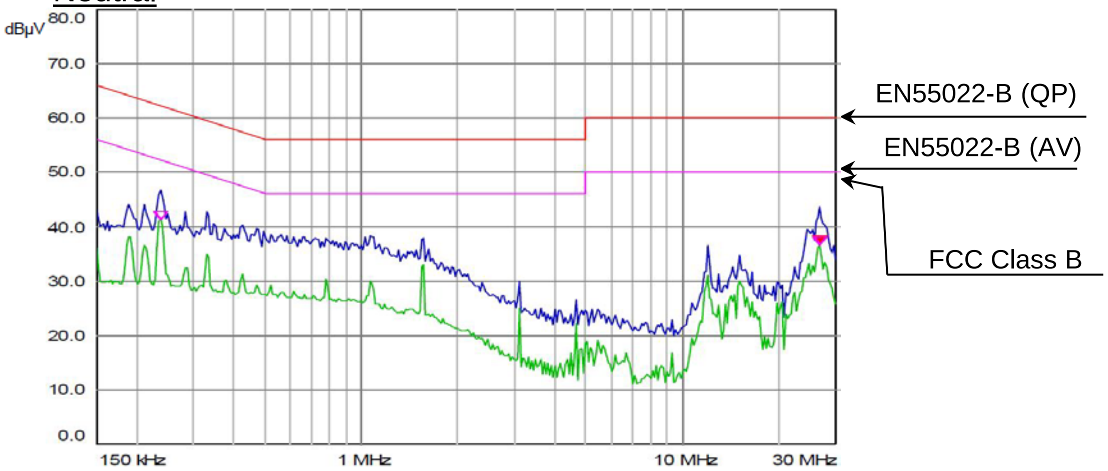
MODEL: GH60-25

Conditions: Vin: 1PHASE 100VAC
Iout: 100%
Vout: 100%
Ta: 25°C

Line



Neutral



2. Test Data

2.1 Conducted Emission

MODEL: GH60-25

(1) Test condition

Input voltage/frequency: 1PHASE 230VAC/50Hz
Output current: 100%
Output voltage: 100%
Ambient temperature: 25°C
Regulation: FCC Class B, IEC61204-3

(2) Test results

Under the above test condition, emission level was below the limit line.
Refer to the following interference wave list and next page for spectrum data.

Inteference wave list

FCC Class B, IEC61204-3				
PHASE	FREQ	RESULT	LIMIT	MARGIN
		AV	AV	AV
	MHz	dBµV	dBµV	dBµV
L	0.18915	46.78	54.07	7.29
N	0.23732	40.57	52.19	11.62

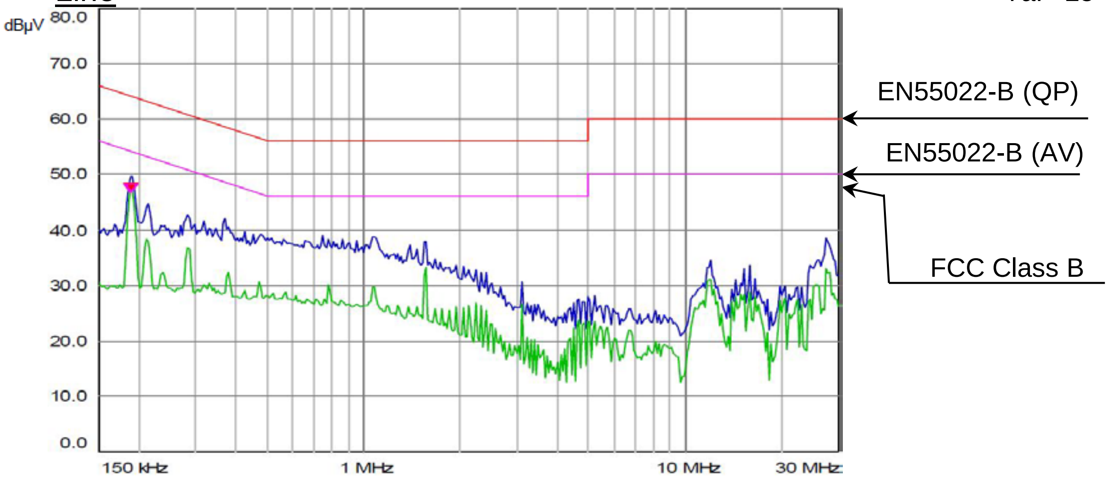
2. Test Data

2.1 Conducted Emission

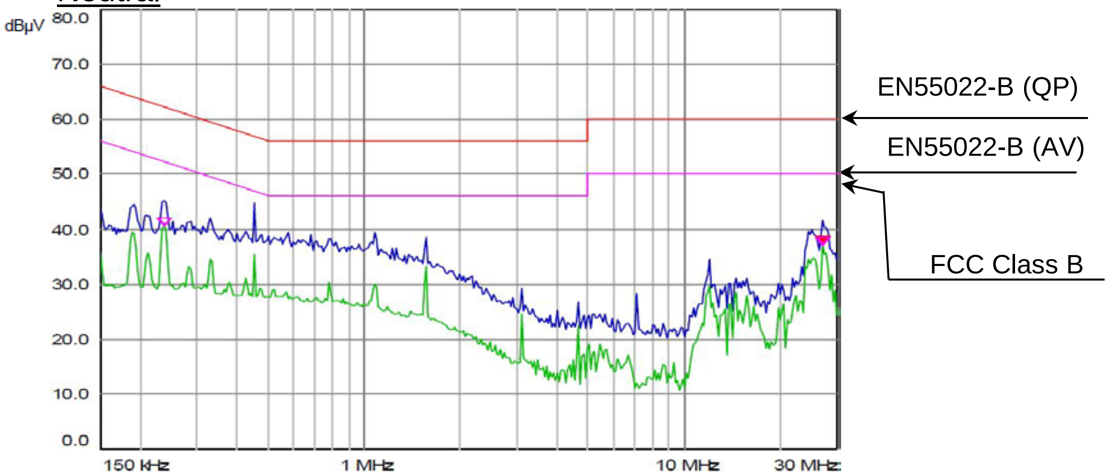
MODEL: GH60-25

Conditions: Vin: 1PHASE 230VAC
Iout: 100%
Vout: 100%
Ta: 25°C

Line



Neutral



2. Test Data

2.1 Conducted Emission

MODEL: GH150-10

(1) Test condition

Input voltage/frequency: 1PHASE 100VAC/50Hz
Output current: 100%
Output voltage: 100%
Ambient temperature: 25°C
Regulation: FCC Class B, IEC61204-3

(2) Test results

Under the above test condition, emission level was below the limit line.
Refer to the following interference wave list and next page for spectrum data.

Inteference wave list

FCC Class B, IEC61204-3				
PHASE	FREQ	RESULT	LIMIT	MARGIN
		AV	AV	AV
	MHz	dBμV	dBμV	dBμV
L	27.47497	41.21	50.00	8.79
N	27.80649	39.23	50.00	10.77

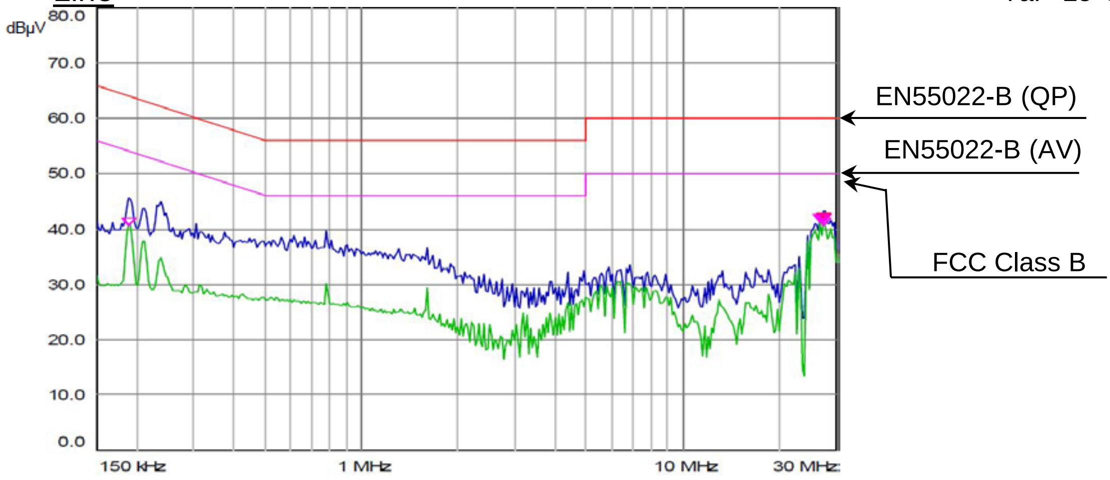
2. Test Data

2.1 Conducted Emission

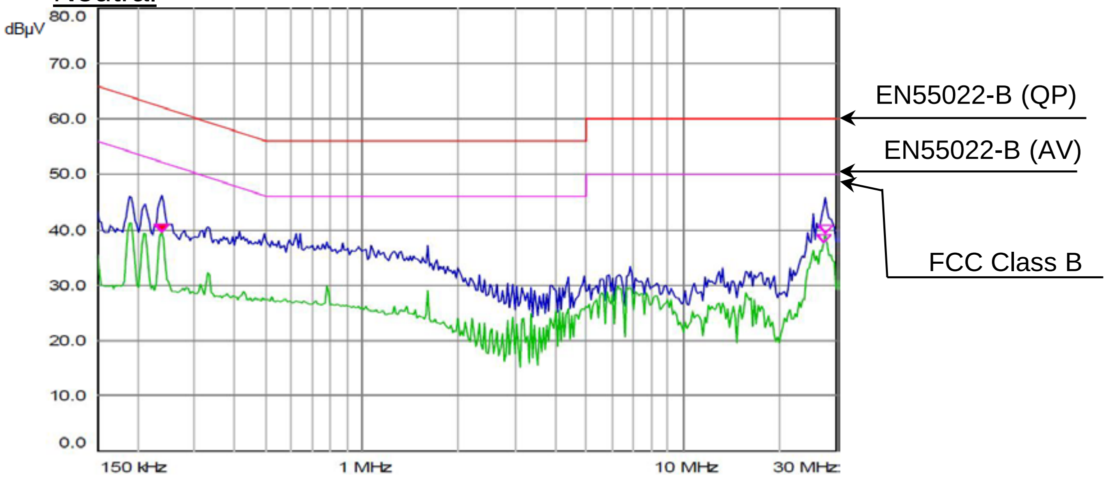
MODEL: GH150-10

Conditions: Vin: 1PHASE 100VAC
Iout: 100%
Vout: 100%
Ta: 25°C

Line



Neutral



2. Test Data

2.1 Conducted Emission

MODEL: GH150-10

(1) Test condition

Input voltage/frequency: 1PHASE 230VAC/50Hz
Output current: 100%
Output voltage: 100%
Ambient temperature: 25°C
Regulation: FCC Class B, IEC61204-3

(2) Test results

Under the above test condition, emission level was below the limit line.
Refer to the following interference wave list and next page for spectrum data.

Inteference wave list

FCC Class B, IEC61204-3				
PHASE	FREQ	RESULT	LIMIT	MARGIN
		AV	AV	AV
	MHz	dBμV	dBμV	dBμV
L	26.71671	41.39	50.00	8.61
N	28.22651	39.51	50.00	10.49

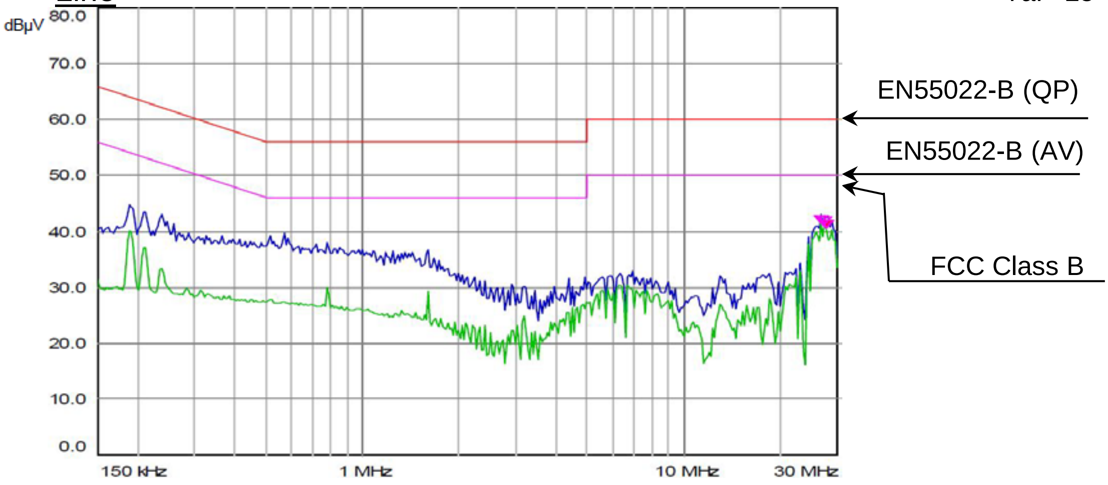
2. Test Data

2.1 Conducted Emission

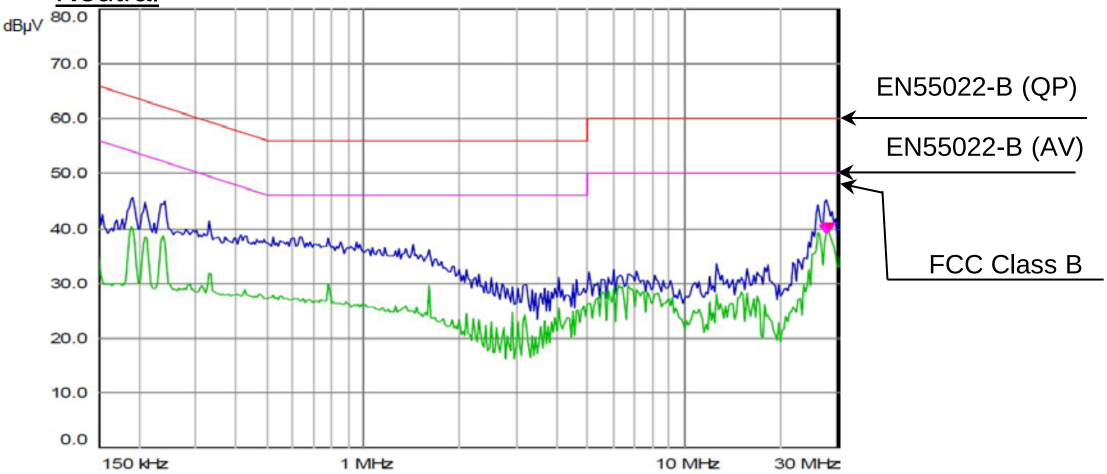
MODEL: GH150-10

Conditions: Vin: 1PHASE 230VAC
Iout: 100%
Vout: 100%
Ta: 25°C

Line



Neutral



2. Test Data

2.1 Conducted Emission

MODEL: GH600-2.6

(1) Test condition

Input voltage/frequency: 1PHASE 100VAC/50Hz
Output current: 100%
Output voltage: 100%
Ambient temperature: 25°C
Regulation: FCC Class B, IEC61204-3

(2) Test results

Under the above test condition, emission level was below the limit line.
Refer to the following interference wave list and next page for spectrum data.

Inteference wave list

FCC Class B, IEC61204-3				
PHASE	FREQ	RESULT	LIMIT	MARGIN
		AV	AV	AV
	MHz	dBμV	dBμV	dBμV
L	0.23637	43.83	52.22	8.39
N	28.79644	36.23	50.00	13.77

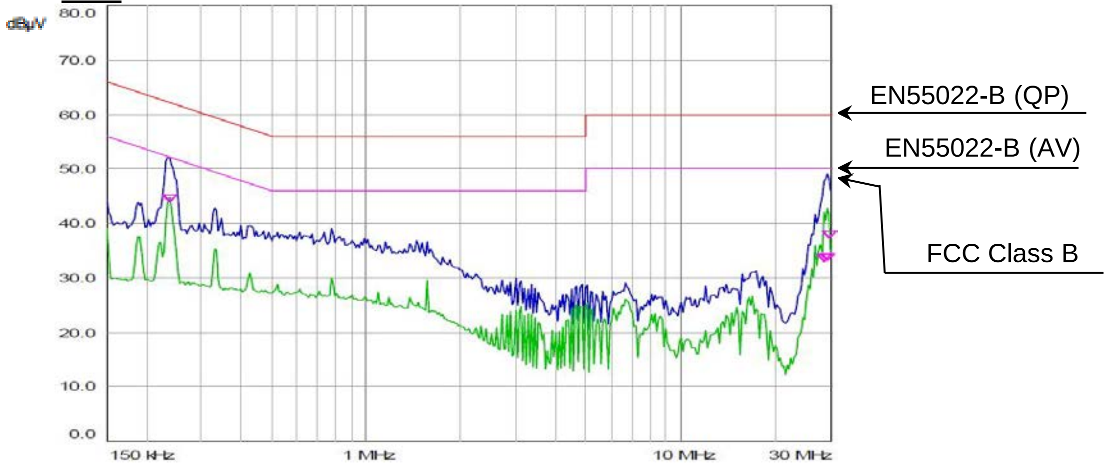
2. Test Data

2.1 Conducted Emission

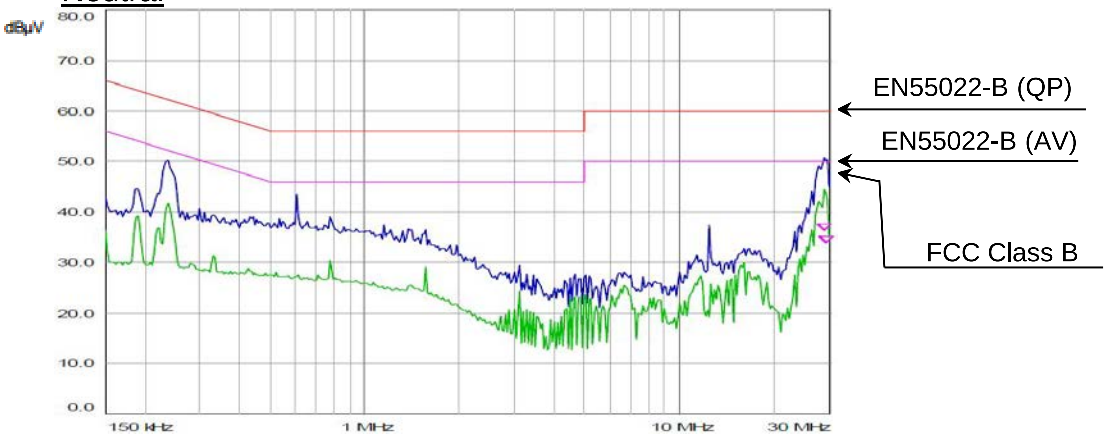
MODEL: GH600-2.6

Conditions: Vin: 1PHASE 100VAC
Iout: 100%
Vout: 100%
Ta: 25°C

Line



Neutral



2. Test Data

2.1 Conducted Emission

MODEL: GH600-2.6

(1) Test condition

Input voltage/frequency: 1PHASE 230VAC/50Hz
Output current: 100%
Output voltage: 100%
Ambient temperature: 25°C
Regulation: FCC Class B, IEC61204-3

(2) Test results

Under the above test condition, emission level was below the limit line.
Refer to the following interference wave list and next page for spectrum data.

Inteference wave list

FCC Class B, IEC61204-3				
PHASE	FREQ	RESULT	LIMIT	MARGIN
		AV	AV	AV
	MHz	dBµV	dBµV	dBµV
L	29.14390	44.44	50.00	5.56
N	29.70265	37.48	50.00	12.52

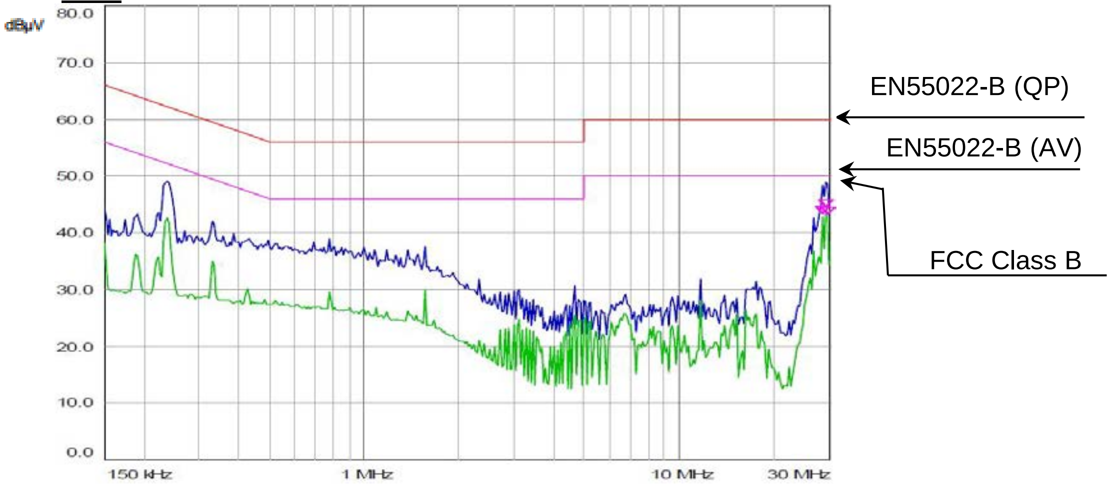
2. Test Data

2.1 Conducted Emission

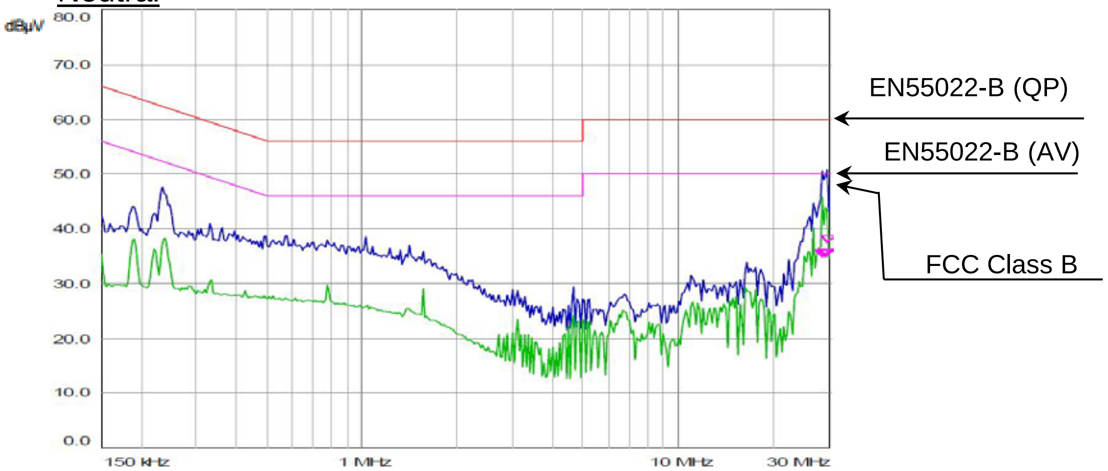
MODEL: GH600-2.6

Conditions: Vin: 1PHASE 230VAC
Iout: 100%
Vout: 100%
Ta: 25°C

Line



Neutral

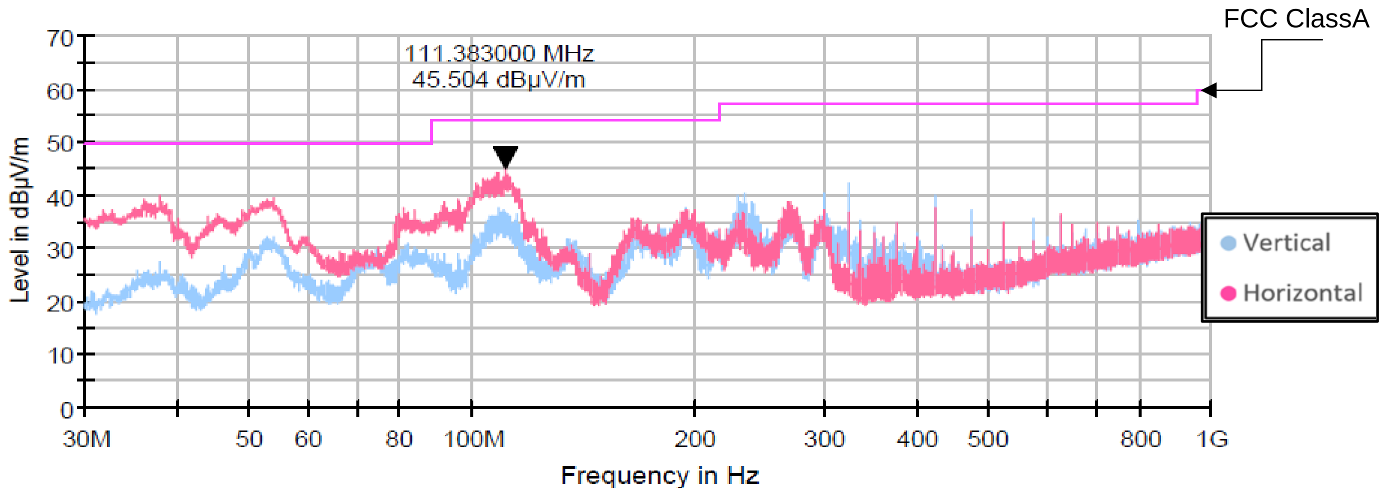


2. Test Data

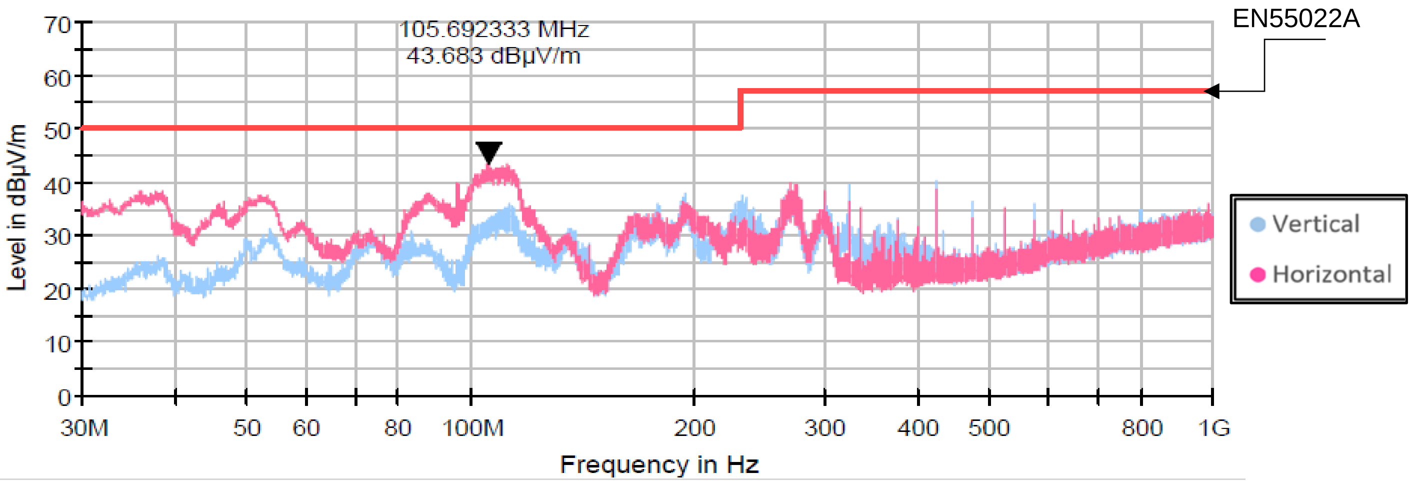
2.2 Radiated Emission

MODEL: GH10-150

Conditions: Vin: 100VAC
Iout: 100%
Vout: 100%
Ta: 25°C



Conditions: Vin: 230VAC
Iout: 100%
Vout: 100%
Ta: 25°C

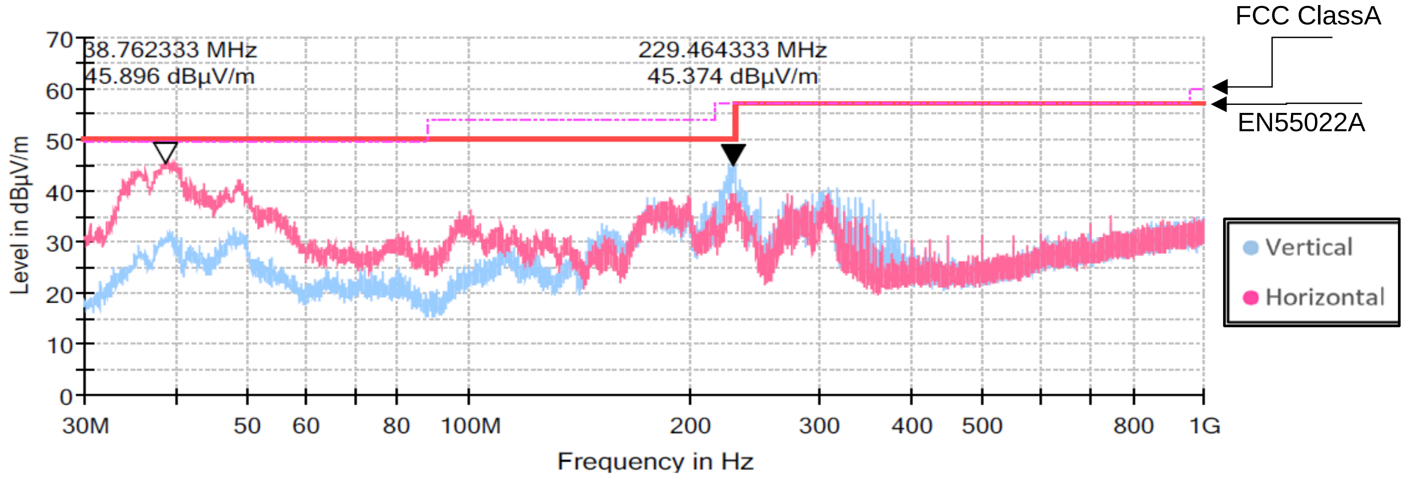


2. Test Data

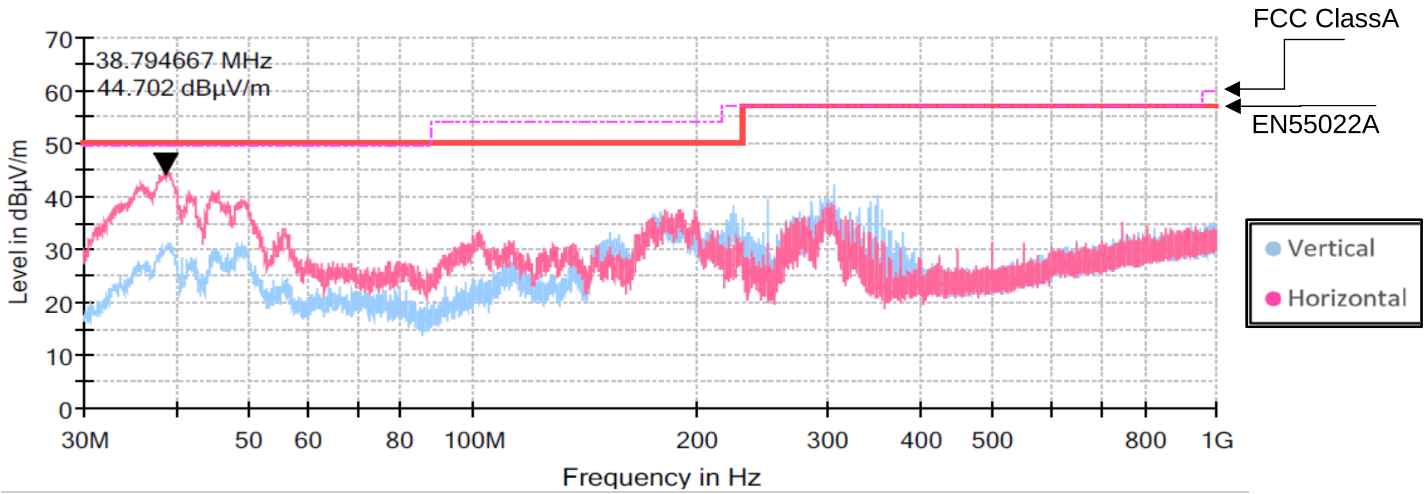
2.2 Radiated Emission

MODEL: GH60-25

Conditions: Vin: 100VAC
Iout: 100%
Vout: 100%
Ta: 25°C



Conditions: Vin: 230VAC
Iout: 100%
Vout: 100%
Ta: 25°C

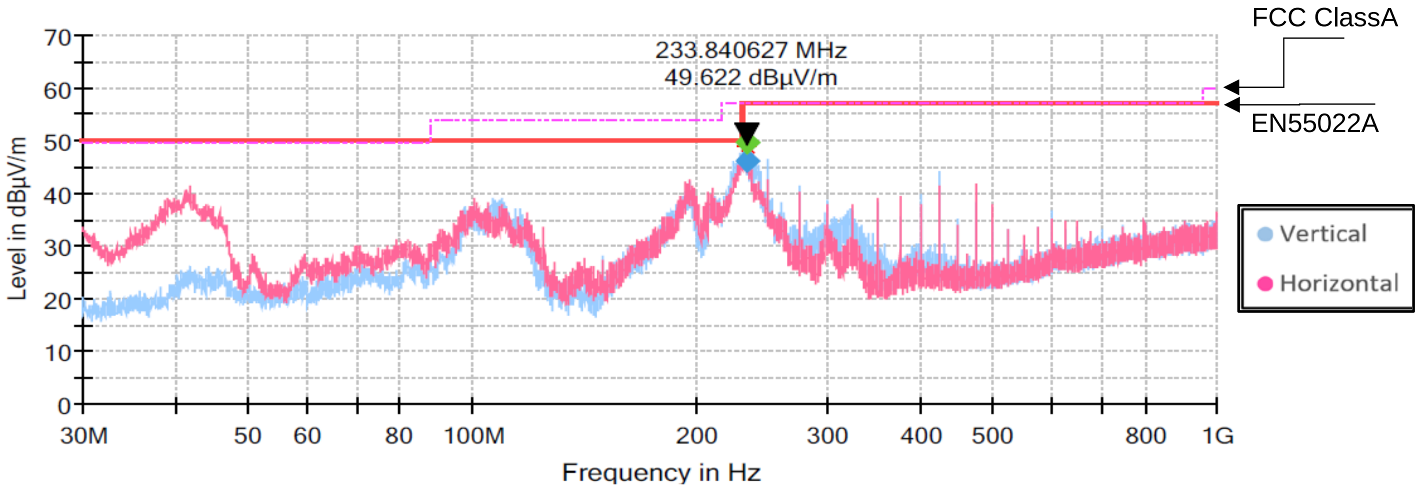


2. Test Data

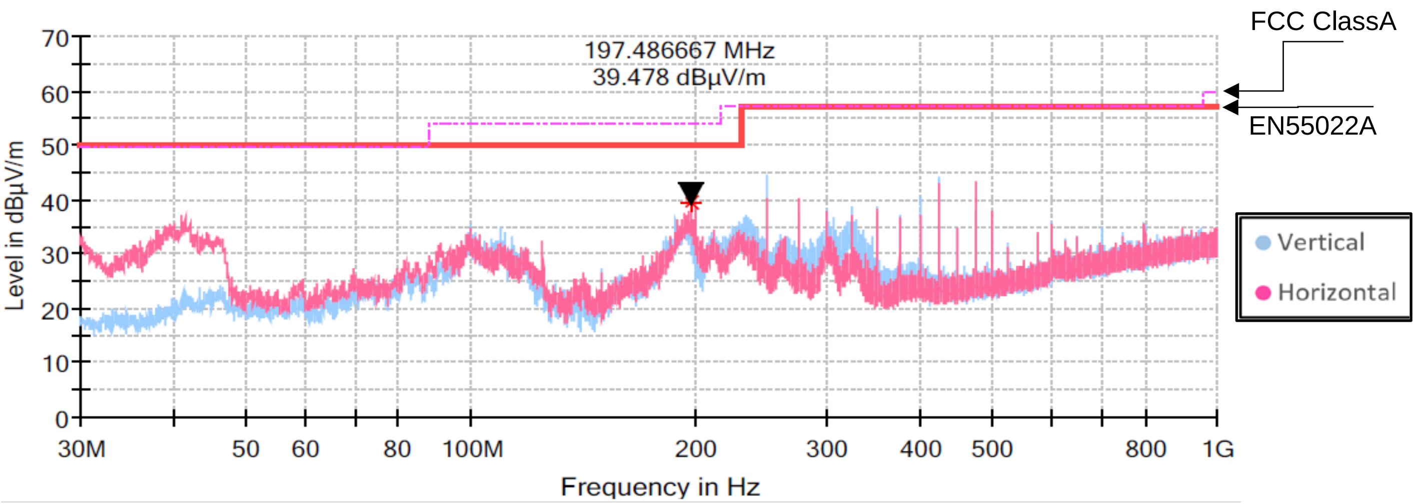
2.2 Radiated Emission

MODEL: GH150-10

Conditions: Vin: 100VAC
Iout: 100%
Vout: 100%
Ta: 25°C



Conditions: Vin: 230VAC
Iout: 100%
Vout: 100%
Ta: 25°C

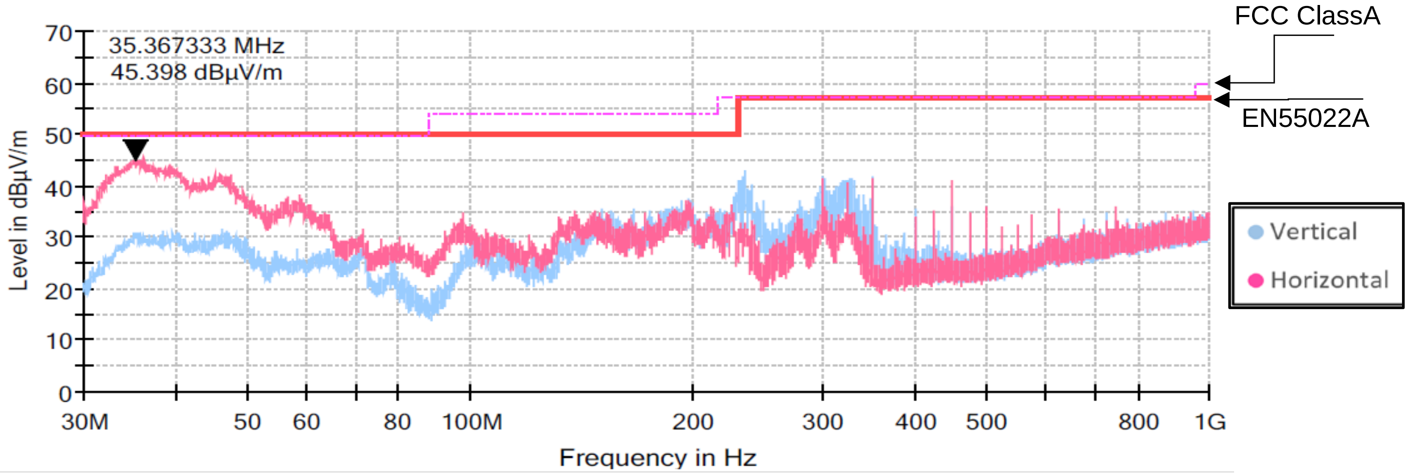


2. Test Data

2.2 Radiated Emission

MODEL: GH600-2.6

Conditions: Vin: 100VAC
Iout: 100%
Vout: 100%
Ta: 25°C



Conditions: Vin: 230VAC
Iout: 100%
Vout: 100%
Ta: 25°C