

# **G+GENESYS™ 2.7kW**

## **EMI DATA**

APPD	CHK	DWG
<i>YAM</i>	<i>ASAF.A</i>	<i>PAVEL G.</i>
<i>22/08/19</i>	<i>22/08/19</i>	<i>22/08/19</i>

**TDK-LAMBDA**

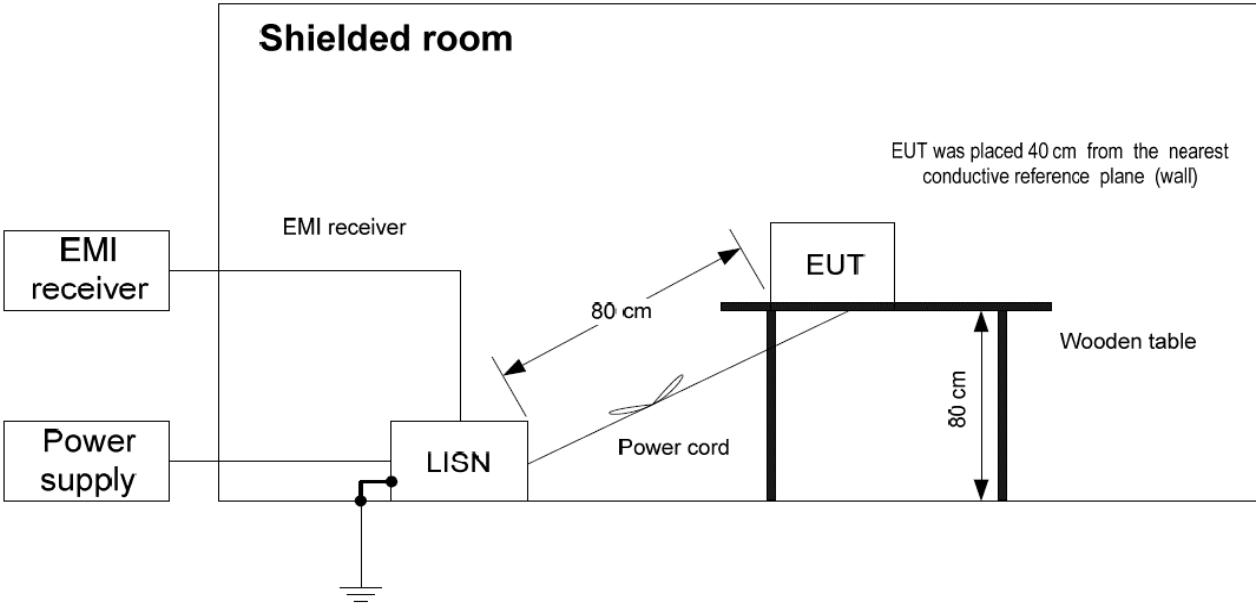
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The above data is typical value data.

The values are considered to be actual capability data.

1. Test Method

Conducted Emission



EMI TEST RECEIVER  
LISN

ESPI  
ENV4200

(ROHDE & SCHWARZ)  
(ROHDE & SCHWARZ)

## 2. Test Data

### 2.1 Conducted Emission

<b>MODEL: G10-265 1P</b>
--------------------------

(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.

Intefereance wave list

FCC Class B, IEC61204-3				
PHASE	FREQ	RESULT	LIMIT	MARGIN
		AV	AV	AV
	MHz	dBμV	dBμV	dBμV
L	26.71671	43.06	50.00	6.94
N	26.00536	45.25	50.00	4.75

## 2. Test Data

### 2.1 Conducted Emission

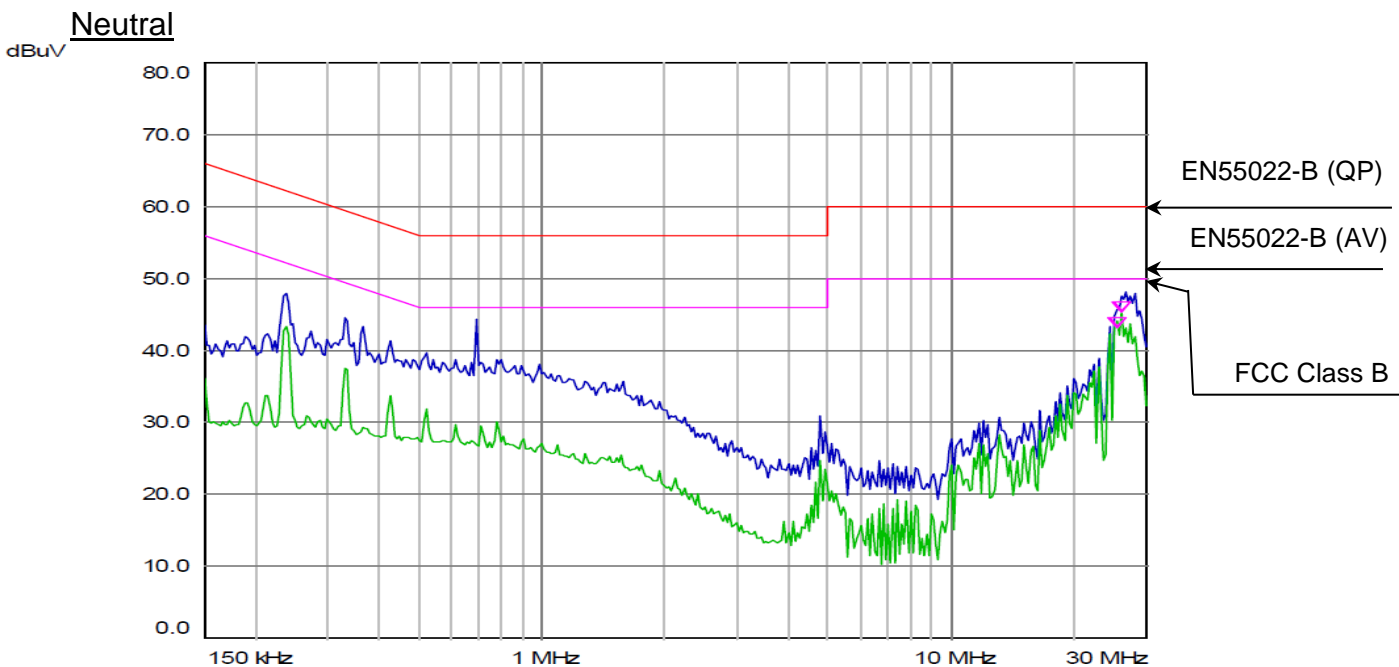
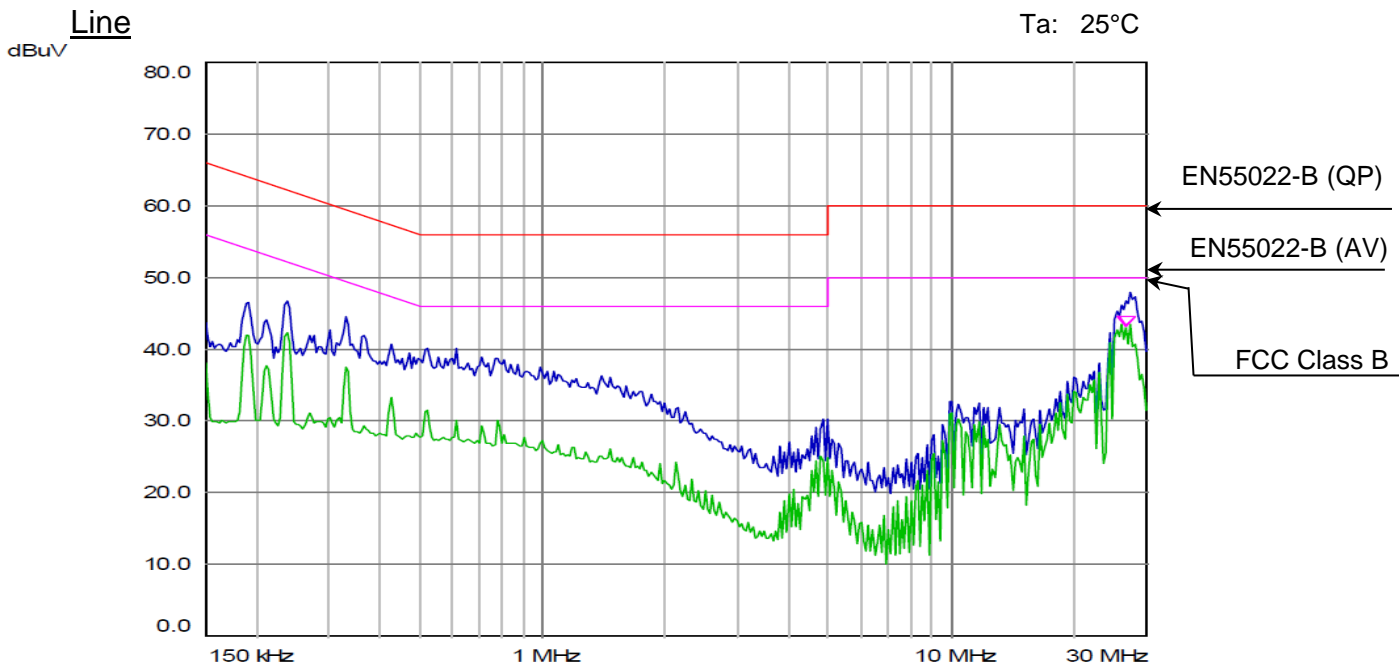
**MODEL: G10-265 1P**

Vin: 1PHASE 100VAC

Iout: 100%

Vout: 100%

Ta: 25°C



## 2. Test Data

### 2.1 Conducted Emission

<b>MODEL: G60-45 1P</b>
-------------------------

(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	0.18953	47.50	54.06	6.56
N	0.23756	43.00	52.18	9.18

## 2. Test Data

### 2.1 Conducted Emission

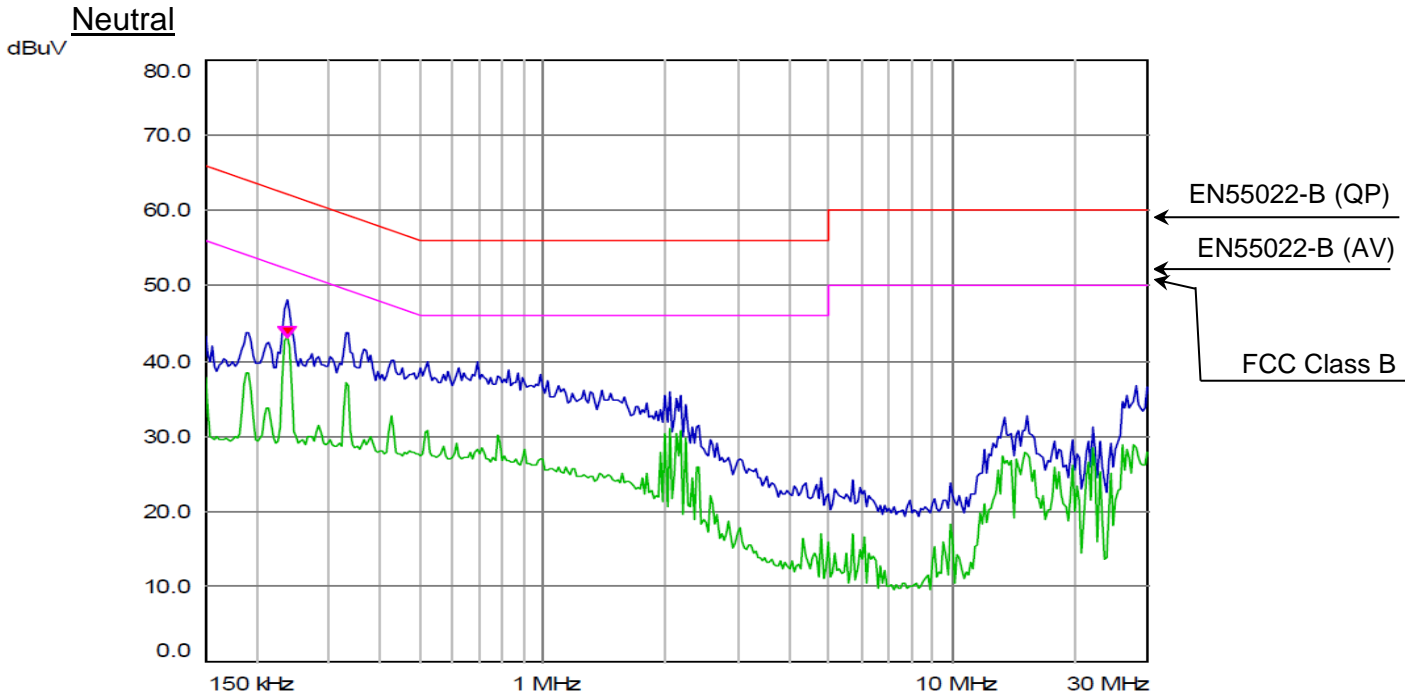
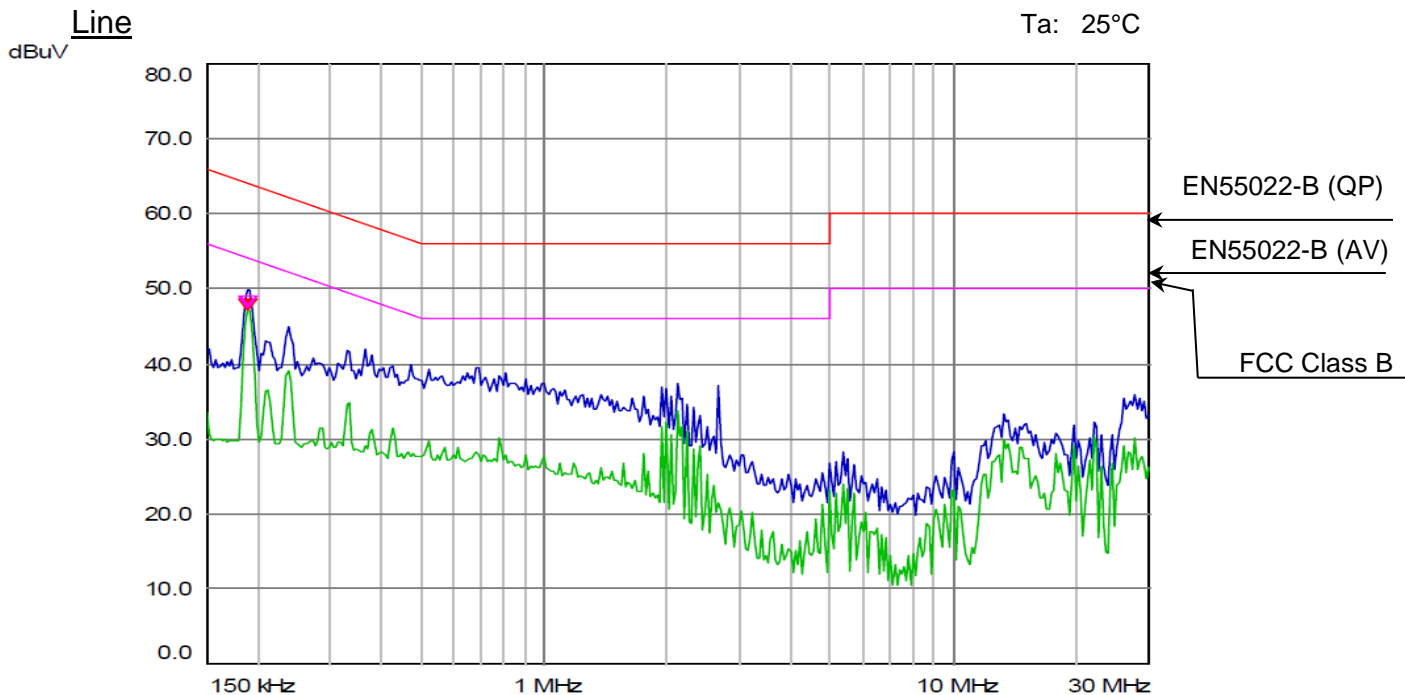
**MODEL: G60-45 1P**

Conditions: Vin: 1PHASE 230VAC

Iout: 100%

Vout: 100%

Ta: 25°C



## 2. Test Data

### 2.1 Conducted Emission

<b>MODEL: G150-18 1P</b>
--------------------------

(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	23.02001	40.83	50.00	9.17
N	23.02001	39.95	50.00	10.05



## 2. Test Data

### 2.1 Conducted Emission

**MODEL: G150-18 1P**

Conditions: Vin: 1PHASE 230VAC

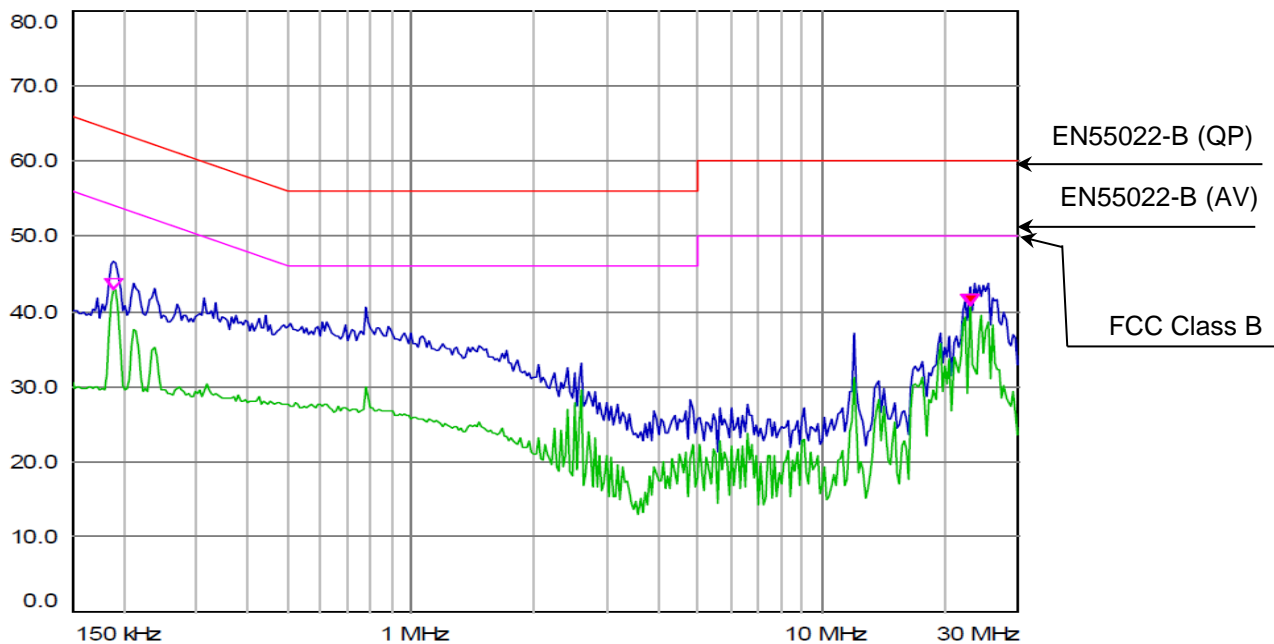
Iout: 100%

Vout: 100%

Ta: 25°C

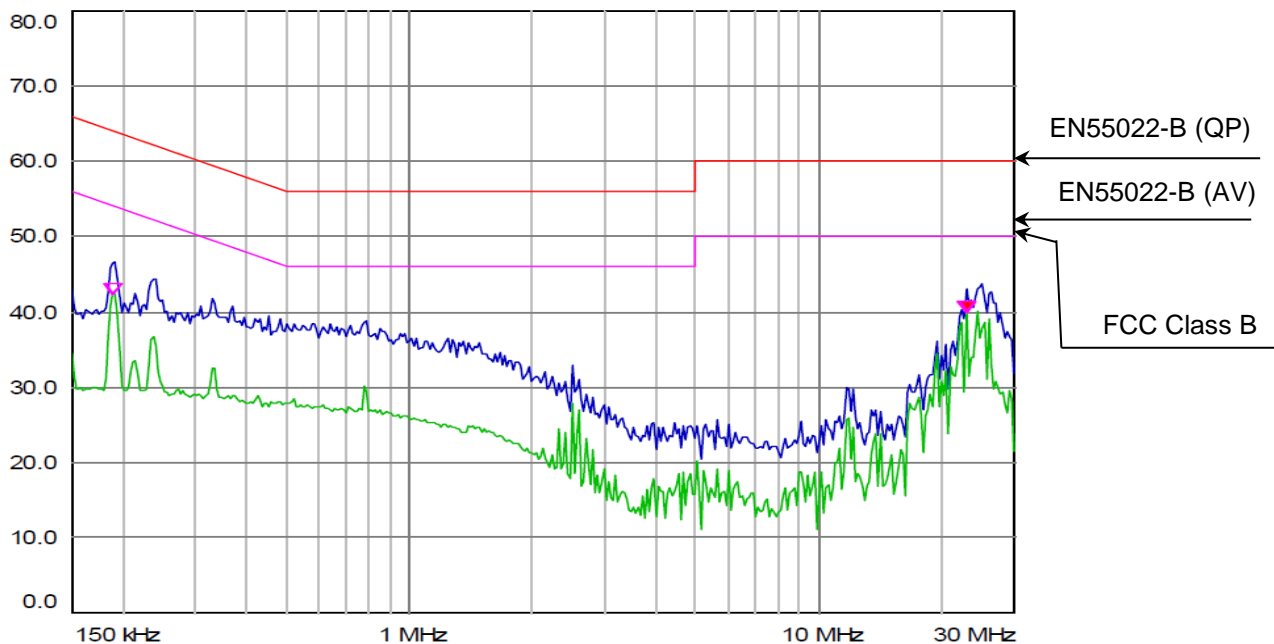
#### Line

dBuV



#### Neutral

dBuV



## 2. Test Data

### 2.1 Conducted Emission

<b>MODEL: G600-4.5 1P</b>
---------------------------

(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	0.18000	42.00	54.00	12.00
N	0.23685	45.24	52.21	6.97

## 2. Test Data

### 2.1 Conducted Emission

**MODEL: G600-4.5 1P**

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

