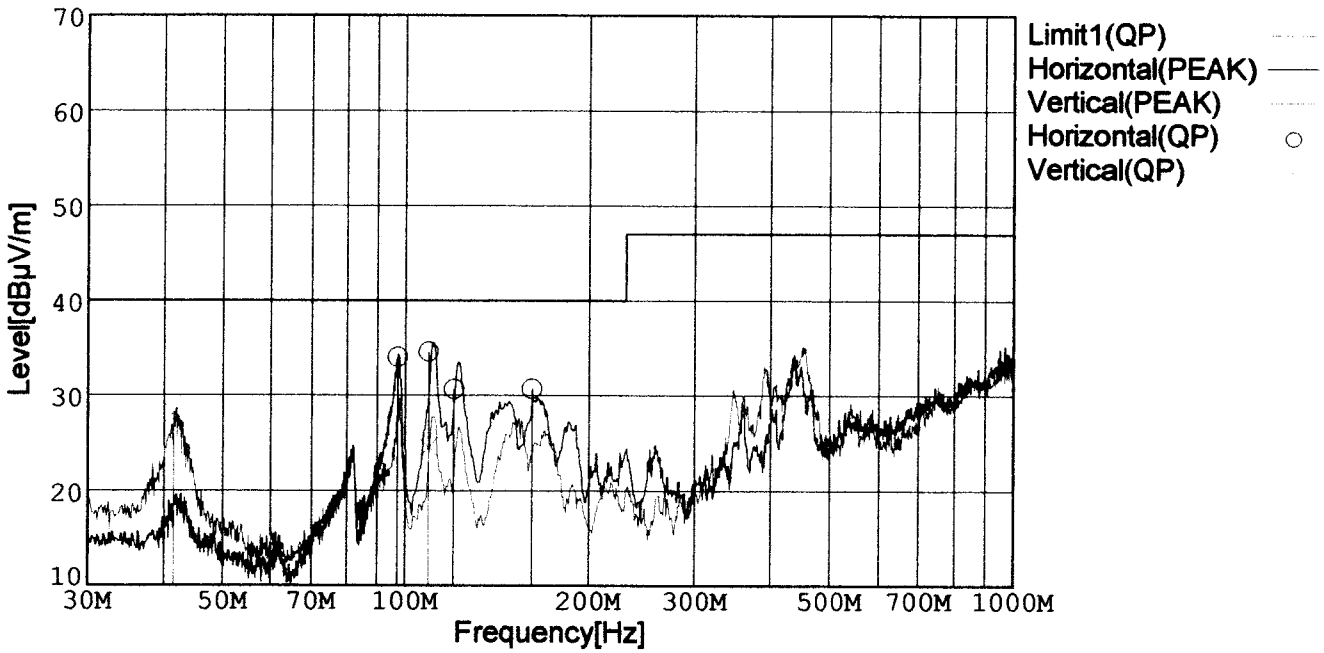
参考資料

COSEL

RADIATED EMISSION

Model Name	:	DBS400B24	Temperature	:	25deg C
Model No.	:		Humidity	:	45%
Serial No.	:		Comment	:	Vin=AC230V,Io=100%
Detector	:	PEAK/QP	Date	:	2000/7/25 17:16
Points	:	5	EMI Receiver(s)	:	R3261A,ESPC
Polarization	:	Hori. & Vert.			

Limit1: [EN 55022] Class B<3m>



Frequency [MHz]	Meter Reading [dBμV]	Antenna Factor[dB]	Cable Loss[dB]	Level [dBμV/m]	Angle[°]	Height [cm]	Pola.	Limit [dBμV/m]	Margin [dB]
108.937	47.4	-28.1	15.3	34.6	93	153	Hori.	40.0	5.4
96.963	48.7	-28.2	13.5	34.0	87	156	Hori.	40.0	6.0
119.958	44.5	-28.0	14.1	30.6	73	156	Hori.	40.0	9.4
161.264	45.4	-27.7	13.0	30.7	154	153	Hori.	40.0	9.3
108.937	40.2	-28.1	12.5	24.6	151	156	Vert.	40.0	15.4
41.443	41.9	-28.7	15.0	28.2	346	108	Vert.	40.0	11.8

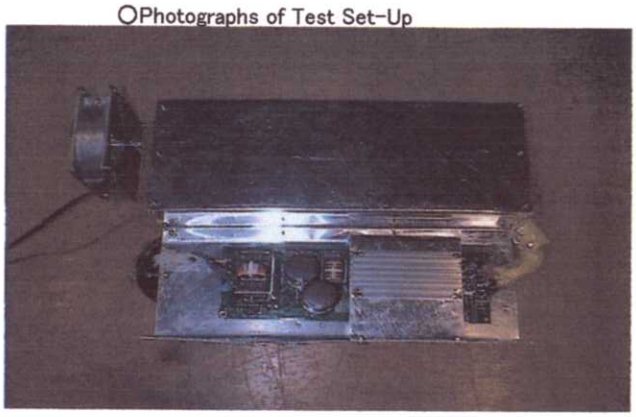
参考資料

Conditions

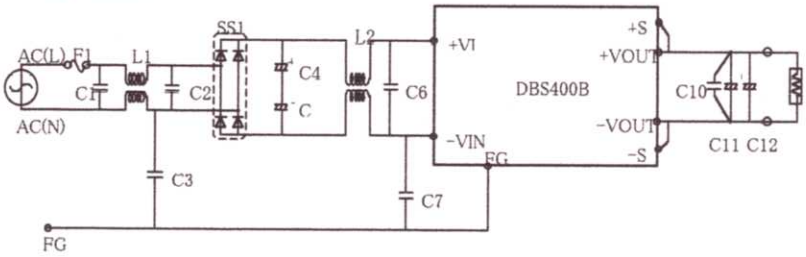
Date 2000/8/11

Test : RADIATED EMISSION
Model Name : DBS400B

○Photographs of Test Set-Up



○Testing circuitry



F1 : CES15 (SOC:15A 250V)
C1 、C2 : CFJC22E474M (NITSUKO:0.47μF 250V)
C6 : CFJC22E224M (NITSUKO:0.22μF 250V)
C4 、C5 : LGQ2E102M (NICHICON:1000μF 250V)
C3 、C7 : DE1207-2E332M-KH (MURATA:3300pF 250V)
L1 : SC-05-20J (TOKIN:2.0mH min 5.0A)
L2 : SS28H-25045 (TOKIN:4.5mH min 2.5A)
SS1 : D25XB60 (SINDENGEN:25A 600V)
C10 : MDD21H104M5 (NITSUKO:0.1μF 50V)
C11、C12 : Table 1(NIPPON CHEMI-CON)

Table 1

MODEL	C11	C12
DBS400B03	LZX10VB3300MK25	LZX10VB3300MK25
DBS400B05, 07	LZX10VB2200MK20	LZX10VB2200MK20
DBS400B12	LZX25VB1000MK20	LZX25VB1000MK20
DBS400B15, 18	LZX35VB1000MK25	LZX35VB1000MK25
DBS400B24, 28	LZY50VB820MK40	-

Fig 1. Testing circuitry

参考資料

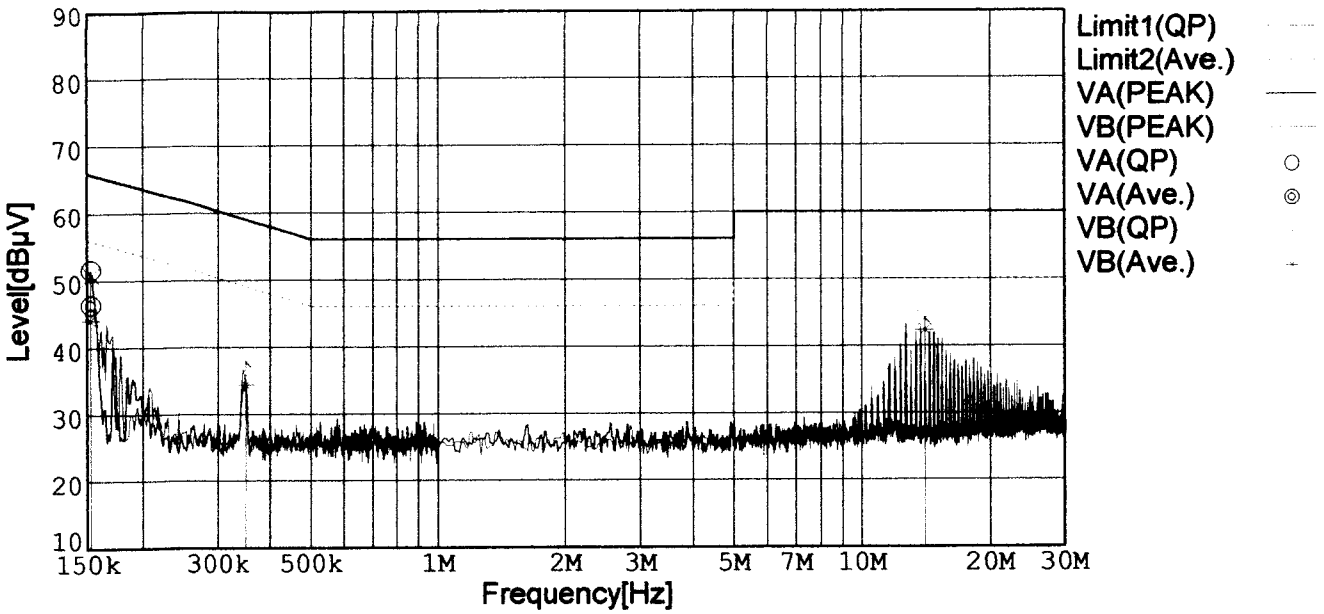
COSEL

LINE CONDUCTION

Model Name : DBS400B24
Model No. :
Serial No. :
Detector : PEAK/QP/Ave.
Points : 3
Line Mode : VA/VB

Temperature : 25deg C
Humidity : 45%
Comment : Vin=AC230V,Io=100%
Date : 2000/7/25 17:59
EMI Receiver(s) : R3261A,ESPC

Limit1: [EN 55022] Class B(QP)
Limit2: [EN 55022] Class B(Ave.)



Frequency [MHz]	Meter Reading (QP) [dBµV]	Meter Reading (Ave.) [dBµV]	Factor [dB]	Level (QP) [dBµV]	Level (Ave.) [dBµV]	Line	Limit (QP) [dBµV]	Limit (Ave.) [dBµV]	Margin (QP)[dB]	Margin (Ave.) [dB]
0.1526	41.2	36.0	10.3	51.5	46.3	VA	65.9	55.9	14.4	9.6
0.1526	40.4	33.8	10.3	50.7	44.1	VB	65.9	55.9	15.2	11.8
0.3503	27.5	24.0	10.3	37.8	34.3	VB	59.0	49.0	21.2	14.7
14.0319	33.4	31.7	10.6	44.0	42.3	VB	60.0	50.0	16.0	7.7

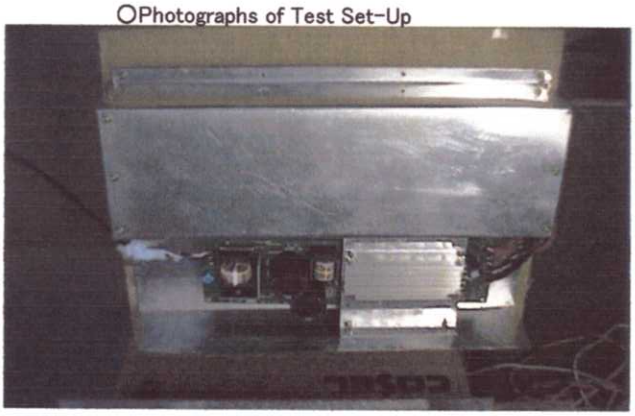
参考資料

Conditions

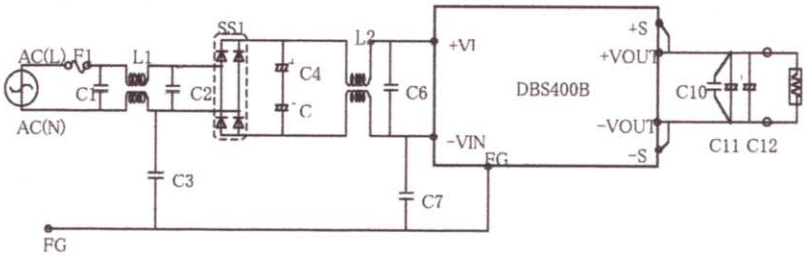
Date 2000/8/11

Test : LINE CONDUCTION
Model Name : DBS400B

○Photographs of Test Set-Up



○Testing circuitry



F1 : CES15 (SOC:15A 250V)
C1 、C2 : CFJC22E474M (NITSUKO:0.47μF 250V)
C6 : CFJC22E224M (NITSUKO:0.22μF 250V)
C4 、C5 : LGQ2E102M (NICHICON:1000μF 250V)
C3 、C7 : DE1207-2E332M-KH (MURATA:3300pF 250V)
L1 : SC-05-20J (TOKIN:2.0mH min 5.0A)
L2 : SS28H-25045 (TOKIN:4.5mH min 2.5A)
SS1 : D25XB60 (SINDENGEN:25A 600V)
C10 : MDD21H104M5 (NITSUKO:0.1μF 50V)
C11、C12 : Table 1(NIPPON CHEMI-CON)

Table 1

MODEL	C11	C12
DBS400B03	LZX10VB3300MK25	LZX10VB3300MK25
DBS400B05, 07	LZX10VB2200MK20	LZX10VB2200MK20
DBS400B12	LZX25VB1000MK20	LZX25VB1000MK20
DBS400B15, 18	LZX35VB1000MK25	LZX35VB1000MK25
DBS400B24, 28	LZY50VB820MK40	-

Fig 1. Testing circuitry