COSEL

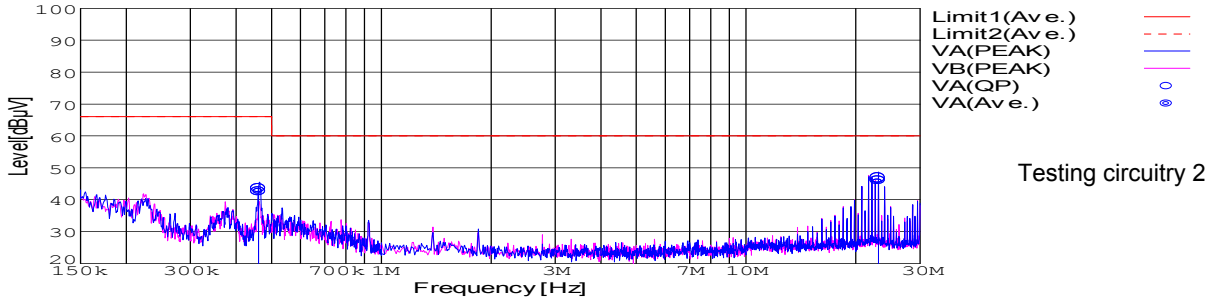
参考資料

DATA SHEET		Date	23-Mar-07
Model	SFCS304812	Temp.	25degreeC
Test	EMI Line conduction & Radiated emission	Humid.	45 %RH
		Tested by	S.Shiina

LINE CONDUCTION

Model Name : SFCS304812
Model No. :
Serial No. :
Points : 2
Detector : PEAK/QP/Ave.
Line Mode : VA
Power Supply : DC 48V
Limit1: [CISPR Pub11] Class A Gr.1(Ave.)
Limit2: [CISPR Pub11] Class A Gr.1(Ave.)

Temp. : 25degreeC
Humi. : 45%
Date : 2007/3/23 17:11
Test Equip. : R3132,ESPC
Load Line : 100mm
Comment :



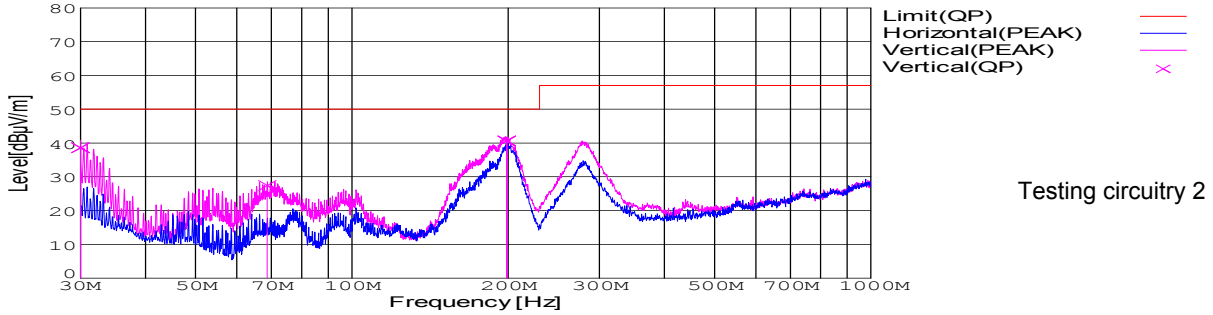
Testing circuitry 2

Frequency [MHz]	Meter Reading (Ave.)[dBuV]	Meter Reading (QP)[dBuV]	Factor [dB]	Level(Ave.) [dBuV]	Level(QP) [dBuV]	Line	Limit(Ave.) [dBuV]	Limit(QP) [dBuV]	Margin(Ave.) [dB]	Margin(QP) [dB]
0.4611	32.7	33.5	9.9	42.6	43.4	VA	66	66	23.4	23.4
23.0436	35.6	36.4	10.3	45.9	46.7	VA	60	60	14.1	14.1

RADIATED EMISSION

Model Name : SFCS304812
Model No. :
Serial No. :
Points : 3
Detector : PEAK/QP
Polarization : Vertical
Power Supply : DC 48V
Limit: [CISPR 11] Class A Group 1<3m>

Temp. : 25degreeC
Humi. : 45%
Date : 2007/3/23 17:17
Test Equip. : R3132,ESPC
Load Line : 100mm
Comment :



Testing circuitry 2

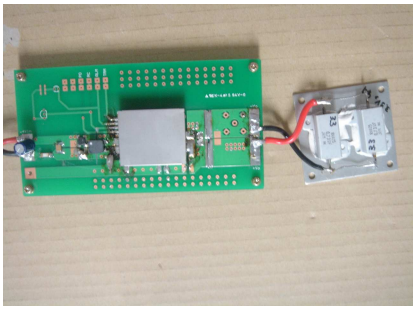
Frequency [MHz]	MeterReading (QP)[dBuV]	Ant. Type	Antenna Factor[dB/m]	Cable & Preamp[dB]	Level(QP) [dBuV/m]	Angle [°]	Height[cm]	Polar.	Limit [dBuV/m]	Margin [dB]
30.001	52.7	BL	18.2	-32.3	38.6	50	100	Vert.	50	11.4
68.709	54.2	BL	5.2	-32	27.4	120	110	Vert.	50	22.6
198.78	63.4	BL	8.5	-31.3	40.6	244	116	Vert.	50	9.4

DATA SHEET		Date	23-Mar-07
Model	SFCS304812	Temp.	25degreeC
Test	EMI Line conduction & Radiated emission	Humid.	45 %RH
		Tested by	S.Shiina

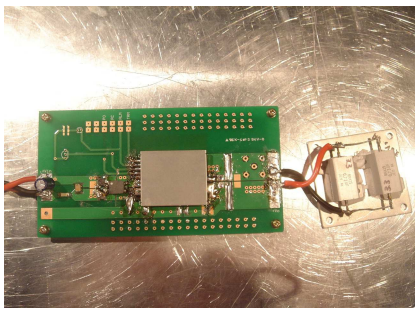
1.Conditions

(1)Photographs of Test Set-Up

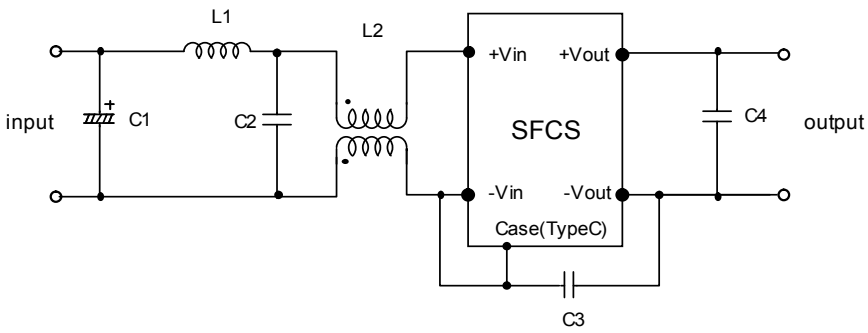
LINE CONDUCTION



Radiated emission



(2)Testing circuitry



C1 : 22μF 100V Electric capacitor
C2 : 1μF 100V Ceramic capacitor
C3 : 2200pF 630V Ceramic capacitor
C4 : 0.1μF 50V Ceramic capacitor

L1 : 1μH 2.4A Inductor
L2 : ACM1211-102-2PL : TDK

Fig. Testing circuitry2

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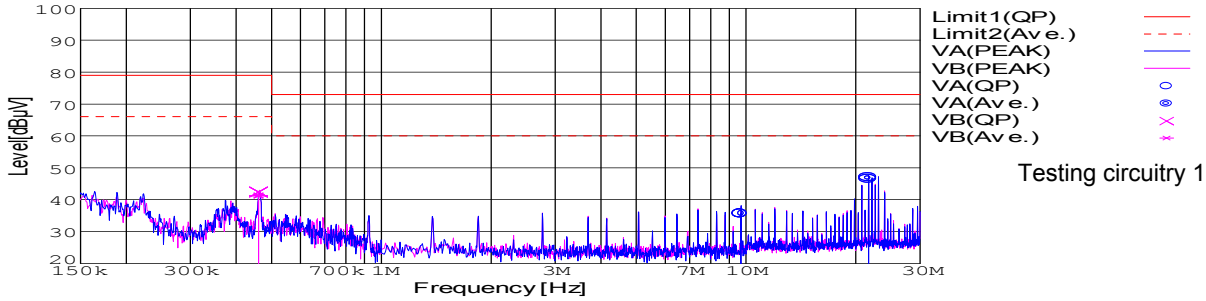
参考資料

DATA SHEET		Date	23-Mar-07
Model	SFCS304812	Temp.	25degreeC
Test	EMI Line conduction & Radiated emission	Humid.	45 %RH
		Tested by	S.Shiina

LINE CONDUCTION

Model Name : SFCS304812
Model No. :
Serial No. :
Points : 3
Detector : PEAK/QP/Ave.
Line Mode : VA/VB
Power Supply : DC 48V
Limit1: [CISPR Pub11] Class A Gr.1(QP)
Limit2: [CISPR Pub11] Class A Gr.1(Ave.)

Temp. : 25degreeC
Humi. : 45%
Date : 2007/3/23 16:49
Test Equip. : R3132,ESPC
Load Line : 100mm
Comment :



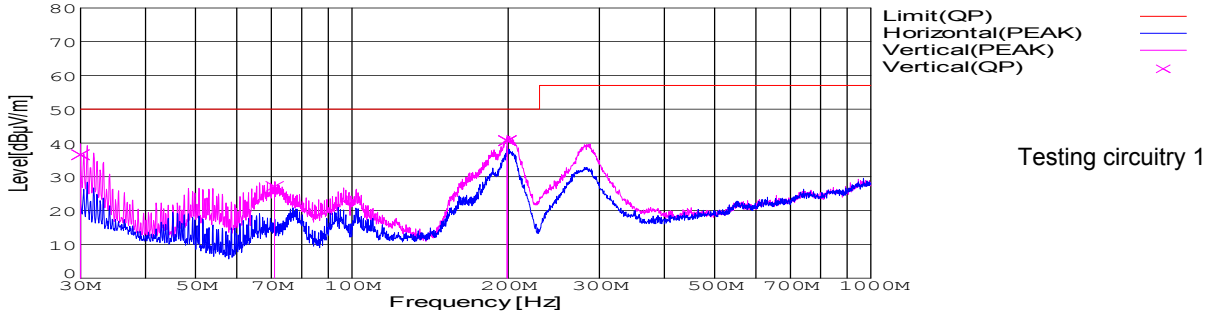
Testing circuitry 1

Frequency [MHz]	Meter Reading (Ave.)[dBuV]	Meter Reading (QP)[dBuV]	Factor [dB]	Level(Ave.) [dBuV]	Level(QP) [dBuV]	Line	Limit(Ave.) [dBuV]	Limit(QP) [dBuV]	Margin(Ave.) [dB]	Margin(QP) [dB]
9.6801	25.5	25.4	10.1	35.6	35.5	VA	60	73	24.4	37.5
21.6635	36.3	36.6	10.3	46.6	46.9	VA	60	73	13.4	26.1
0.4606	31.4	32.5	9.9	41.3	42.4	VB	66	79	24.7	36.6

RADIATED EMISSION

Model Name : SFCS304812
Model No. :
Serial No. :
Points : 3
Detector : PEAK/QP
Polarization : Vertical
Power Supply : DC 48V
Limit: [CISPR 11] Class A Group 1<3m>

Temp. : 25degreeC
Humi. : 45%
Date : 2007/3/23 16:56
Test Equip. : R3132,ESPC
Load Line : 100mm
Comment :



Testing circuitry 1

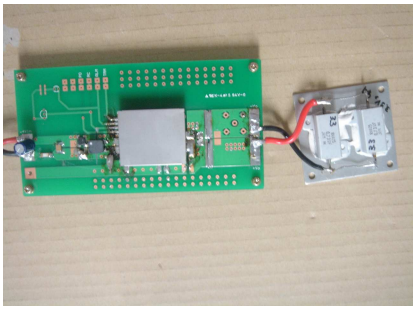
Frequency [MHz]	MeterReading (QP)[dBuV]	Ant. Type	Antenna Factor[dB/m]	Cable & Preamp[dB]	Level(QP) [dBuV/m]	Angle [°]	Height[cm]	Polar.	Limit [dBuV/m]	Margin [dB]
30.001	50.6	BL	18.2	-32.3	36.5	11	100	Vert.	50	13.5
70.998	53.5	BL	5.6	-31.9	27.2	114	116	Vert.	50	22.8
199.222	63.5	BL	8.5	-31.3	40.7	242	111	Vert.	50	9.3

DATA SHEET		Date	23-Mar-07
Model	SFCS304812	Temp.	25degreeC
Test	EMI Line conduction & Radiated emission	Humid.	45 %RH
		Tested by	S.Shiina

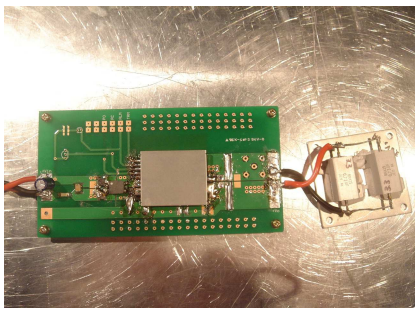
1.Conditions

(1)Photographs of Test Set-Up

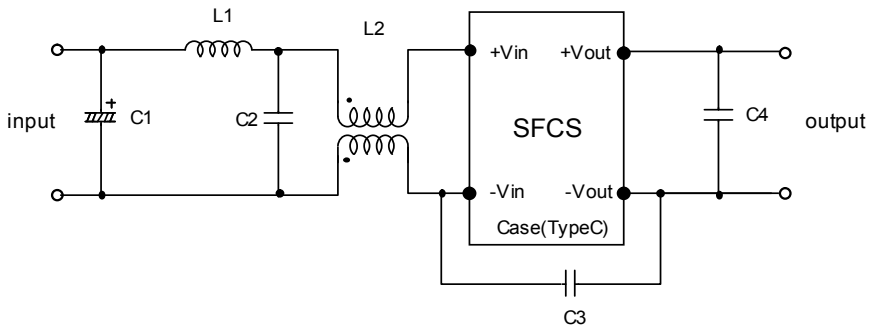
LINE CONDUCTION



Radiated emission



(2)Testing circuitry



C1 : 22μF 100V Electric capacitor
C2 : 1μF 100V Ceramic capacitor
C3 : 2200pF 630V Ceramic capacitor
C4 : 0.1μF 50V Ceramic capacitor

L1 : 1μH 2.4A Inductor
L2 : ACM1211-102-2PL : TDK

Fig. Testing circuitry1

参考資料

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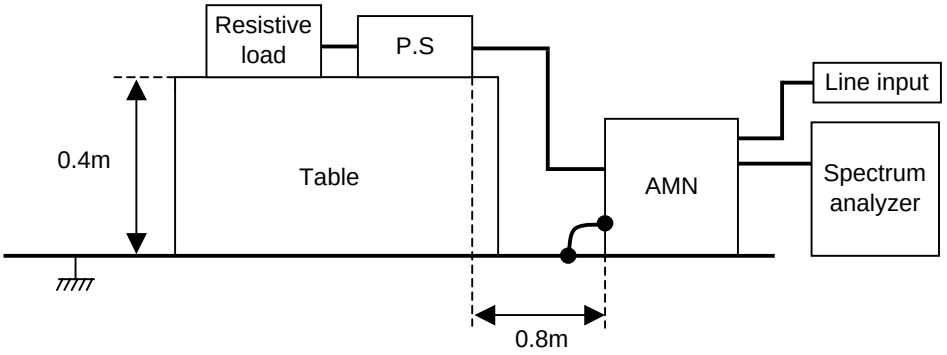
DATA SHEET		Date	23-Mar-07
Model	Circuit used for measurement	Temp.	25 degreeC
Test	EMI Line conduction & Radiated emission	Humid.	45 %RH
		Tested by	S.Shiina

1. Line conduction



2. Radiated emission