

DATA SHEET							Date	25-Feb-05		
Model	CBS3504812						Temp.	25 degreeC		
Test	EMI Line conduction & Radiated emission						Humid.	45 %RH		
							Tested by	K.Tajima		
LINE CONDUCTION										
Model Name		CBS3504812			Temp.		25			
Model No.					Humi.		45			
Serial No.					Date		2005/2/4 19:49			
Points		3			Test Equip.		R3132,ESPC			
Detector		PEAK/QP/Ave.			Comment		K. Tajima			
Line Mode		VB								
Power Supply		DC48V								
Limit1: [EN 55022]		Class A(QP)								
Limit2: [EN 55022]		Class A(Ave.)								
							DC48V Load 100%(+12V29A)			
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]
16.5784	47.0	47.5	10.2	57.2	57.7	VB	60.0	73.0	15.8	2.3
15.8407	46.7	47.3	10.2	56.9	57.5	VB	60.0	73.0	16.1	2.5
27.9971	45.1	45.2	10.4	55.5	55.6	VB	60.0	73.0	17.5	4.4
RADIATED EMISSION										
Model Name		CBS3504812			Temp.		25			
Model No.					Humi.		45			
Serial No.					Date		2005/2/25 19:57			
Points		4			Test Equip.		R3132,ESPC			
Detector		PEAK/QP			Comment		K. Tajima			
Polarization		Hori. & Vert.								
Power Supply		DC48V								
Limit: [EN 55022]		Class A<3m>								
							DC48V Load 100%(+12V29A)			
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]
147.446	66.3	BL	10.7	-31.6	45.4	189	156	Hori.	50.0	4.6
72.614	66.7	BL	5.9	-31.9	40.7	15	150	Hori.	50.0	9.3
60.437	66.4	BL	4.7	-32.0	39.1	95	139	Hori.	50.0	10.9
30.608	56.4	BL	17.9	-32.3	42.0	124	100	Vert.	50.0	8.0



TEST : LINE CONDUCTION

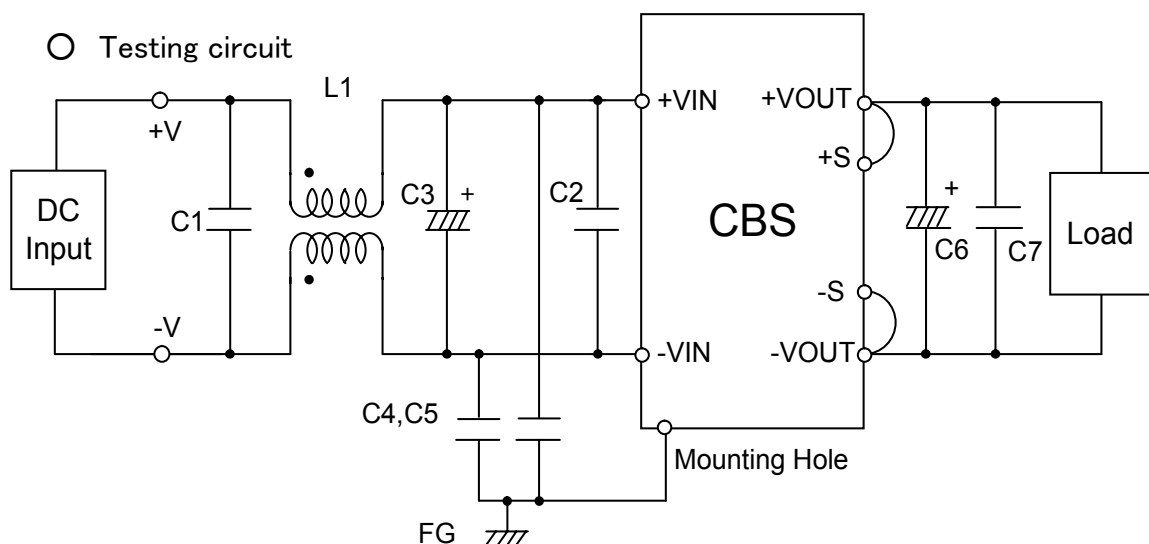
Date 2005/2/14

Model Name : CBS35048

○ Photographs of Test Set-up



○ Testing circuit



- L1 : 1mH 10A Inductor
- C1,2 : 3.3 μ F Film capacitor
- C3 : 100V 33 μ F Electric capacitor \times 2
- C4,5 : 630V 0.068 μ F Film capacitor
- C6 : 16V 470 μ F Electric capacitor (CBS3504812)
- : 35V 220 μ F Electric capacitor (CBS3504824,4828)
- : 50V 220 μ F Electric capacitor (CBS3504832)
- C7 : 50V 0.1 μ F Film capacitor



TEST : RADIATED EMISSION
Model Name : CBS35048

Date 2005/2/14

○ Photographs of Test Set-up



○ Testing circuit

