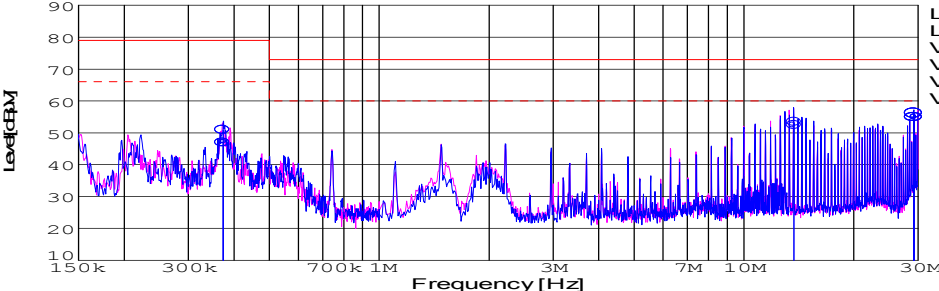
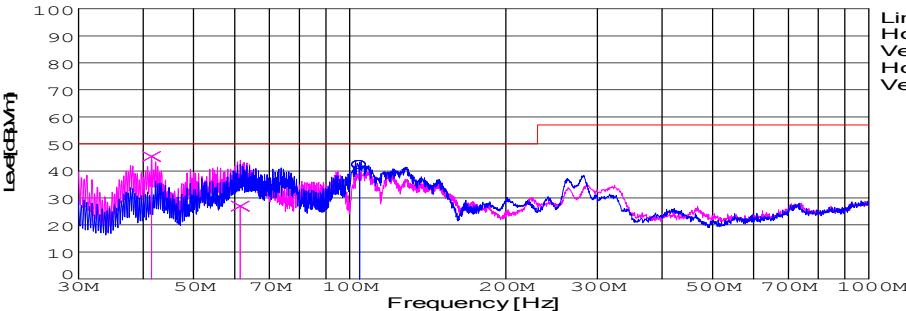


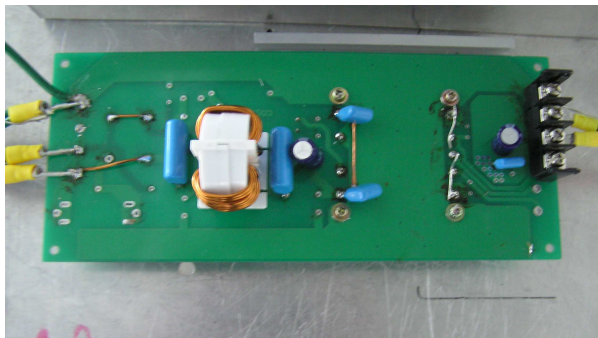
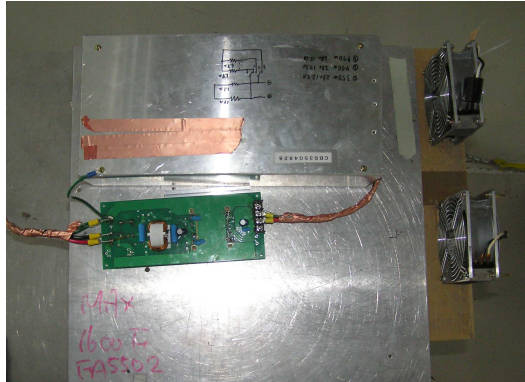
DATA SHEET							Date	23-Feb-08																																														
Model	CBS3504848						Temp.	25 degreeC																																														
Test	EMI Line conduction & Radiated emission						Humid.	45 %RH																																														
							Tested by	T.Mano																																														
LINE CONDUCTION																																																						
Model Name			CBS3504848		Temp.		25																																															
Model No.					Humi.		45																																															
Serial No.					Date		2008/2/23 10:39																																															
Points			3		Test Equip.		R3132,ESPC																																															
Detector			PEAK/QP/Ave.		Load Line		100mm																																															
Line Mode			VA		Comment		T.Mano																																															
Power Supply			DC48V																																																			
Limit1: [EN 55022]			Class A(QP)																																																			
Limit2: [EN 55022]			Class A(Ave.)																																																			
							Limit1(QP)		—																																													
							Limit2(Ave.)		- - -																																													
							VA(PEAK)		—																																													
							VB(PEAK)		—																																													
							VA(QP)		○																																													
							VA(Ave.)		●																																													
							DC48V																																															
							Load 100%(+48V7.3A)																																															
<table><tr><th>Frequency [MHz]</th><th>Meter Reading (Ave.) [dBuV]</th><th>Meter Reading (QP) [dBuV]</th><th>Factor [dB]</th><th>Level(Ave.) [dBuV]</th><th>Level(QP) [dBuV]</th><th>Line</th><th>Limit(Ave.) [dBuV]</th><th>Limit(QP) [dBuV]</th><th>Margin(Ave.) [dB]</th><th>Margin(QP) [dB]</th></tr><tr><td>0.3737</td><td>37.1</td><td>40.9</td><td>9.9</td><td>47.0</td><td>50.8</td><td>VA</td><td>66.0</td><td>79.0</td><td>19.0</td><td>28.2</td></tr><tr><td>13.6918</td><td>42.2</td><td>43.1</td><td>10.2</td><td>52.4</td><td>53.3</td><td>VA</td><td>60.0</td><td>73.0</td><td>7.6</td><td>19.7</td></tr><tr><td>29.2215</td><td>44.3</td><td>45.7</td><td>10.5</td><td>54.8</td><td>56.2</td><td>VA</td><td>60.0</td><td>73.0</td><td>5.2</td><td>16.8</td></tr></table>											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]	0.3737	37.1	40.9	9.9	47.0	50.8	VA	66.0	79.0	19.0	28.2	13.6918	42.2	43.1	10.2	52.4	53.3	VA	60.0	73.0	7.6	19.7	29.2215	44.3	45.7	10.5	54.8	56.2	VA	60.0	73.0	5.2	16.8
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]																																												
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RADIATED EMISSION																																																						
Model Name			CBS3504848		Temp.		25																																															
Model No.					Humi.		45																																															
Serial No.					Date		2008/2/23 10:47																																															
Points			3		Test Equip.		R3132,ESPC																																															
Detector			PEAK/QP		Load Line		100mm																																															
Polarization			Hori. & Vert.		Comment		T.Mano																																															
Power Supply			DC48V																																																			
Limit: [EN 55022]			Class A<3m>																																																			
							Limit(QP)		—																																													
							Horizontal(PEAK)		—																																													
							Vertical(PEAK)		—																																													
							Horizontal(QP)		○																																													
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<table><tr><th>Frequency [MHz]</th><th>MeterReading (QP) [dBuV]</th><th>Ant. Type</th><th>Antenna Factor [dB/m]</th><th>Cable & Preamp [dB]</th><th>Level(QP) [dBuV/m]</th><th>Angle [°]</th><th>Height [cm]</th><th>Polar.</th><th>Limit [dBuV/m]</th><th>Margin [dB]</th></tr><tr><td>104.425</td><td>63.7</td><td>BL</td><td>10.1</td><td>-31.7</td><td>42.1</td><td>211</td><td>133</td><td>Hori.</td><td>50.0</td><td>7.9</td></tr><tr><td>61.500</td><td>54.3</td><td>BL</td><td>4.7</td><td>-32.0</td><td>27.0</td><td>183</td><td>106</td><td>Vert.</td><td>50.0</td><td>23.0</td></tr><tr><td>41.487</td><td>65.4</td><td>BL</td><td>12.2</td><td>-32.2</td><td>45.4</td><td>41</td><td>102</td><td>Vert.</td><td>50.0</td><td>4.6</td></tr></table>											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]	104.425	63.7	BL	10.1	-31.7	42.1	211	133	Hori.	50.0	7.9	61.500	54.3	BL	4.7	-32.0	27.0	183	106	Vert.	50.0	23.0	41.487	65.4	BL	12.2	-32.2	45.4	41	102	Vert.	50.0	4.6
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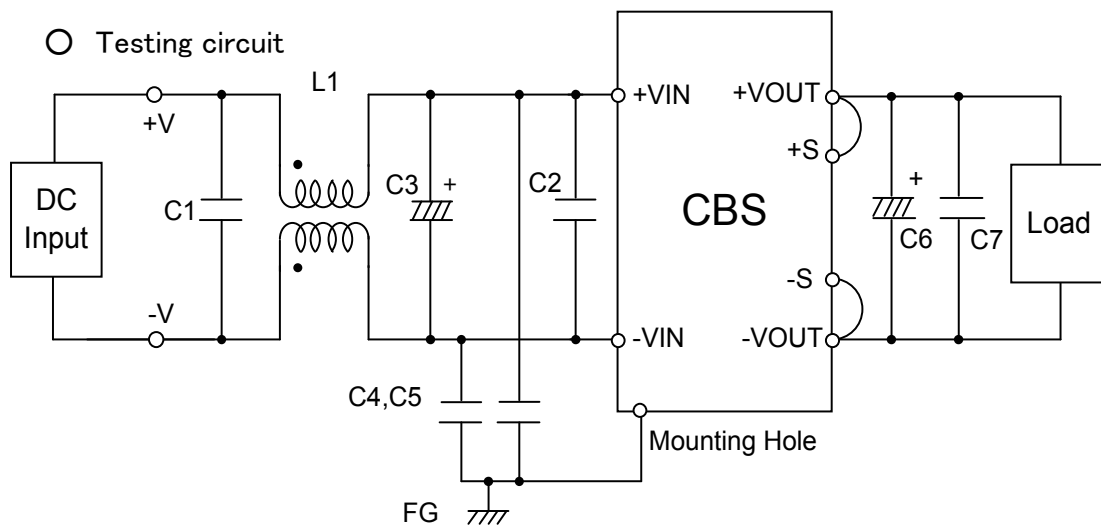
TEST : LINE CONDUCTION
Model Name : CBS35048

Date 2008/2/22

○ Photographs of Test Set-up



○ Testing circuit



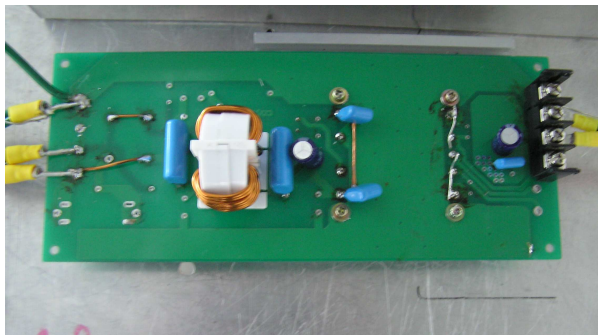
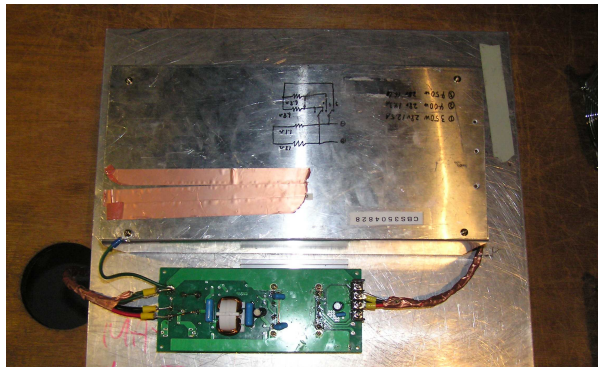
- L1 : 1mH 10A Inductor
- C1,2 : 3.3 μ F Film capacitor
- C3 : 100V 68 μ F Electric capacitor \times 2
- C4,5 : 630V 0.068 μ F Film capacitor
- C6 : 16V 470 μ F Electric capacitor (CBS3504812)
- : 35V 220 μ F Electric capacitor (CBS3504824,4828)
- : 50V 220 μ F Electric capacitor (CBS3504832)
- : 80V 220 μ F Electric capacitor (CBS3504848)
- C7 : 50V 0.1 μ F Film capacitor
- : 100V 0.1 μ F Film capacitor(CBS3504848)



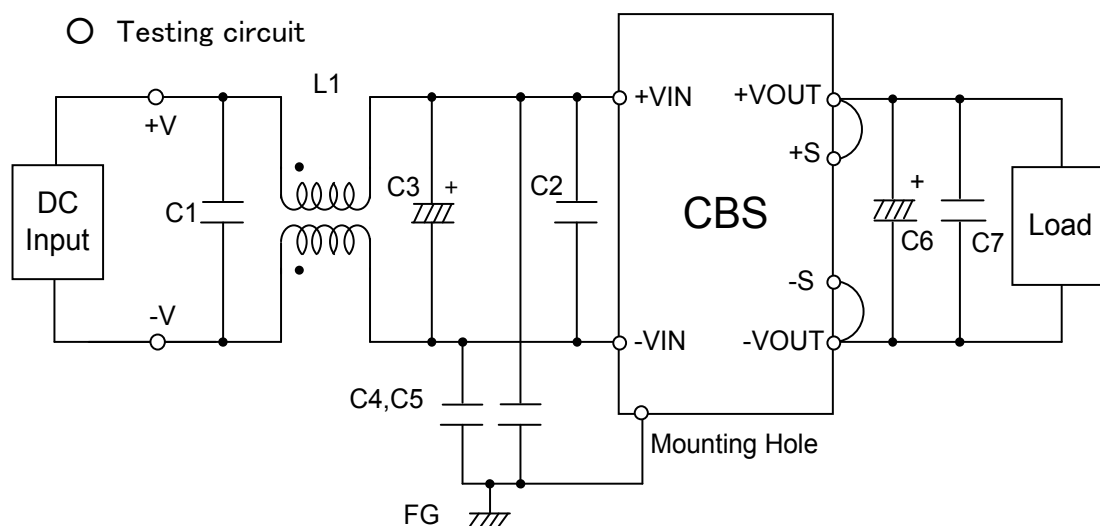
TEST : RADIATED EMISSTION
Model Name : CBS35048

Date 2008/2/22

○ Photographs of Test Set-up



○ Testing circuit



- L1 : 1mH 10A Inductor
- C1,2 : 3.3 μ F Film capacitor
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