

Job Number: 722602 File Number: Page 10 of 40
Model Number: 5890OD-PIR,CCTV PS
Client Name: Honeywell

2.3 Reference Standards

Standard Number	Standard Name	Standard Date
EN55022	Information technology equipment - Radio disturbance characteristics - Limits and methods of measurement - Ratified European Text; CISPR 22: 1993 A1: 1995 and A2: 1997	1994
EN55024	Information technology equipment Immunity characteristics Limits and methods of measurement-Includes amendments A1:2001 and A2:2003; CISPR 24:1997 + A1:2001 + A2:2002, modified	1998

2.4 Results Summary

This product is considered Class B

Requirement – Test	Result
Conducted Emissions 150kHz - 30MHz (Mains)	5800RL-2 – Compliant
	HCC485LX – Non-Compliant
	Prototype – Non-Compliant
Enclosure port - RF Electromagnetic field	Compliant
Radiated Emissions 30MHz - 1GHz	Compliant



Bob Delisi (Ext.22452)
Senior Staff Engineer
International EMC Services
Conformity Assessment Services-



Joe Danisi (Ext.23055)
Lead Engineering Associate
International EMC Services
Conformity Assessment Services

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Job Number: 722602 File Number:
Model Number: 5890OD-PIR,CCTV PS
Client Name: Honeywell

Page 13 of 40

Table 1 Conducted Emissions EUT Configuration Settings

Power Interface Mode #	EUT Configurations Mode #	EUT Operation Mode #
1	1	3
Supplementary information: None		

Table 2 Conducted Emissions Test Equipment

Test Equipment Used				
Description	Manufacturer	Model	Identifier	Cal Due Date
Conducted Emissions – Shield Room				
Spectrum Analyzer	Agilent	E7405A	19695	01/03/2008
LISN	Solar	9252-50-R-24-BN	ME5A-636	02/08/2008
LISN	EMCO	3825/2R	ME5-629	02/08/2008
Switch Driver	HP	11713A	44403	NA
RF Switch Box	UL	2	44400	NA
Measurement Software	UL	Version 9.3	44743	NA
Temp/Humidity/Pressure Meter	Cole Parmer	99760-00	43736	01/10/2008

Figure 1 Test Setup for Conducted Emissions

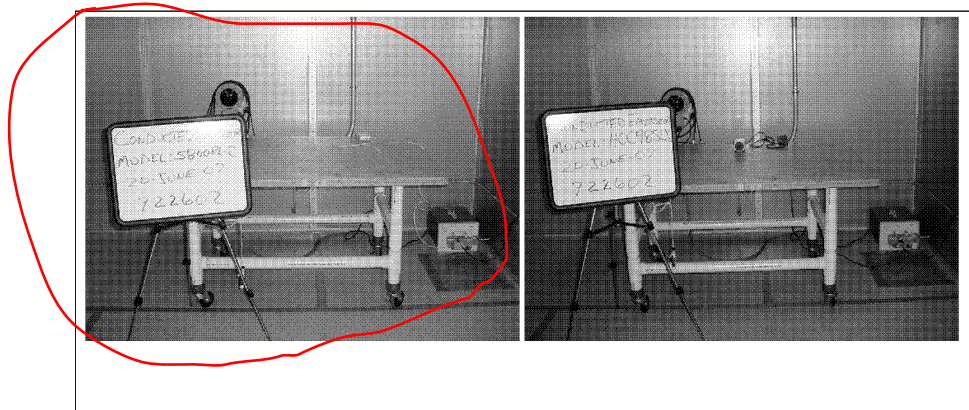
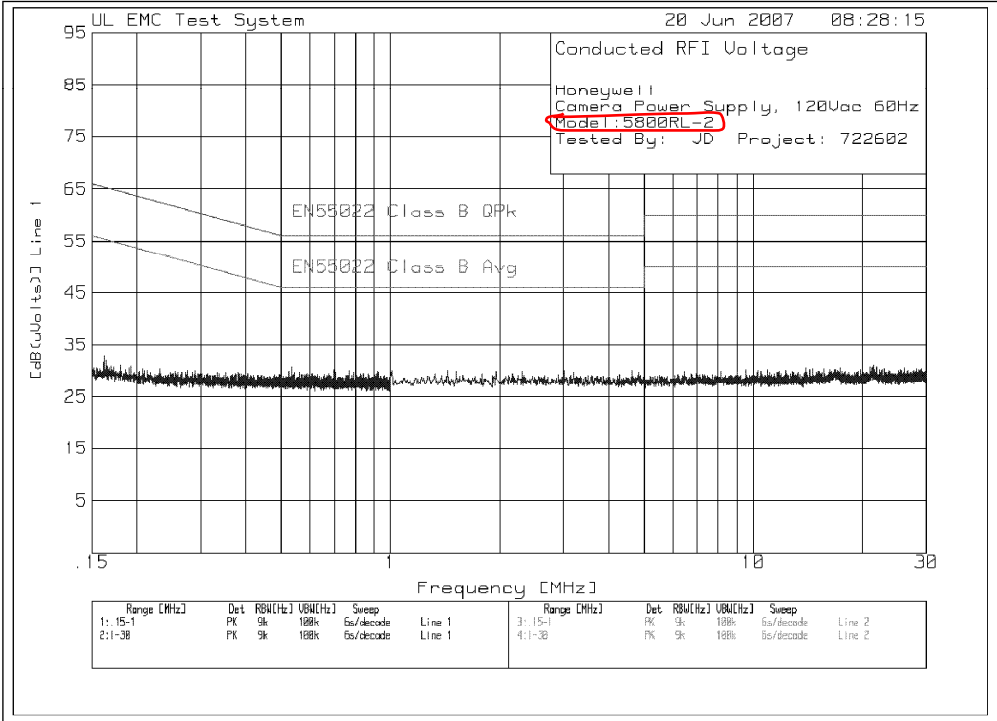


Figure 2 Conducted Emissions Graph – 5800RL-2



Job Number: 722602 File Number:
Model Number: 5890OD-PIR,CCTV PS
Client Name: Honeywell

Page 17 of 40

Table 3 Conducted Emissions Data Points – 5800RL-2

Honeywell
Camera Power Supply, 120Vac 60Hz
Model: 5800RL-2
Tested By: JD Project: 722602

No.	Test Frequency [MHz]	Meter Reading [dB(uV)]	Gain/Loss Factor [dB]	Transducer Factor [dB]	Level Limit:1 [dB(uVolts)]	2	3	4	5	6
Line 1 .15 - 1MHz -----										
1	.1623	21.06 pk	11.9	0	32.96	65.3	55.3	-	-	-
				Margin [dB]		-32.34	-22.34	-	-	-
2	.16484	20.13 pk	11.8	0	31.93	65.2	55.2	-	-	-
				Margin [dB]		-33.27	-23.27	-	-	-
3	.18096	19.48 pk	11.6	0	31.08	64.4	54.4	-	-	-
				Margin [dB]		-33.32	-23.32	-	-	-
4	.19262	19.46 pk	11.5	0	30.96	63.9	53.9	-	-	-
				Margin [dB]		-32.94	-22.94	-	-	-
5	.53546	20.17 pk	10.5	0	30.67	56	46	-	-	-
				Margin [dB]		-25.33	-15.33	-	-	-
6	.99936	18.57 pk	10.4	0	28.97	56	46	-	-	-
				Margin [dB]		-27.03	-17.03	-	-	-
Line 2 .15 - 1MHz -----										
7	.15721	22.68 pk	12	0	34.68	65.6	55.6	-	-	-
				Margin [dB]		-30.92	-20.92	-	-	-
8	.19961	19.65 pk	11.4	0	31.05	63.6	53.6	-	-	-
				Margin [dB]		-32.55	-22.55	-	-	-
Line 2 1 - 30MHz -----										
9	3.07608	19.97 pk	10.4	0	30.37	56	46	-	-	-
				Margin [dB]		-25.63	-15.63	-	-	-
10	7.78523	19.82 pk	10.6	0	30.42	60	50	-	-	-
				Margin [dB]		-29.58	-19.58	-	-	-
11	11.84335	19.49 pk	10.8	0	30.29	60	50	-	-	-
				Margin [dB]		-29.71	-19.71	-	-	-
12	18.8673	19.99 pk	11	0	30.99	60	50	-	-	-
				Margin [dB]		-29.01	-19.01	-	-	-

LIMIT 1: EN55022 Class B QPk
LIMIT 2: EN55022 Class B Avg
LIMIT 3: NONE
LIMIT 4: NONE
LIMIT 5: NONE
LIMIT 6: NONE

pk - Peak detector
qp - Quasi-Peak detector