



**AAEON Technology INC.**  
ISO-9001/ISO-14001 Certified  
Industrial Automation PCs

# **AEC-6100**

## **QE Function Test Report**

Release Date : DEC. 07, 2000

\_\_\_\_\_  
**Issue Stamp**

\_\_\_\_\_  
**QA Manager**

\_\_\_\_\_  
**QE Manager**

\_\_\_\_\_  
**Test Engineer**

# AEC-6100 Rev A0.1 Test Report

Test Item	Position	O.S.	Device Model	Pass	Fail	Note
Keyboard	CN8,CN11	WIN98	PCM-6896,Logitech Deluxe 104 Keyboard PCM-6890B,Logitech Deluxe 104 Keyboard	✓ ✓		
	CN13,CN11	WIN98	N/A			
PS2 Mouse	CN8,CN12	WIN98	PCM-6896,Logitech M-S43 PS/2 Mouse PCM-6890B,Logitech M-S43 PS/2 Mouse	✓ ✓		
	CN13,CN11	WIN98	N/A			
USB 1	J2B1	WIN98	PCM-6896, WINTEK AM-767U,FDM-F50 USB Mouse	✓		
	J2A1	WIN98	N/A			
USB 2	J2B2	WIN98	PCM-6896, WINTEK AM-767U,FDM-F50 USB Mouse	✓		
	J2A2	WIN98	N/A			
RJ-45 LAN	J1	WIN98	PCM-6890B (Data stream deliver to HDD by LAN)	✓		
VGA	J2	WIN98	PCM-6896 PCM-6890B	✓ ✓		
SOUND CDIN	CN4.CN5	WIN98	PCM-6896	✓		
Sound MIC	JP1,CN1	WIN98	PCM-6890B,Creative Microphone	✓		
Sound Line-In	CN6	WIN98	PCM-6890B,Creative 24X CD-ROM	✓		
Sound SPK-out	CN7	WIN98	PCM-6890B,Do Co Mo EM694MPC Specker	✓		
LED	LED1	Win98	N/A			

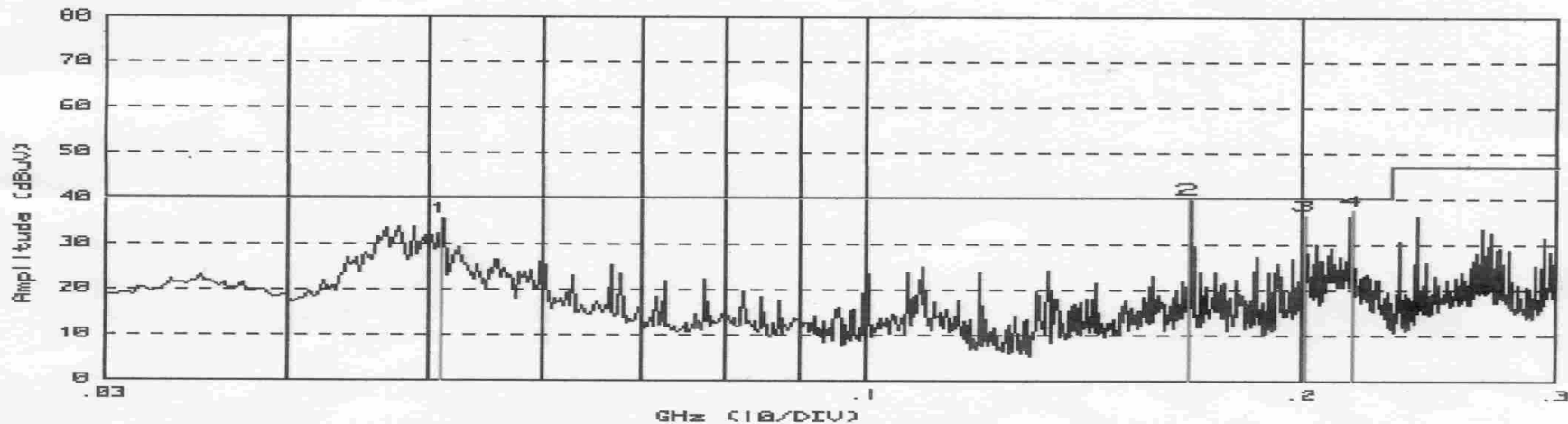
Note:The compact board itself has the function of CD-IN transmission, why AEC-6100 also has the same function as compact board.

# AEC-6100 REV. A0.1 EMI Test(Compact Board PCM-6890B)

## ===== C&C Lab. Co. CHAMBER =====

```

Customer : aaeon           Model   : 6890B           Date : 4 Dec 2000
Antenna  : EM-6971B-1     Polr.   : Horizontal-10 M  Time : 16:14:12
S.P.A.   : R316(3)2      PreAmp. : R3132(B)       file# : 259
Rule     : EN55022-A     Mode    :                 Tmp.(C) : 25
Receiver : N/A           Tester  : milo           Humid(%) : 50
Remark   :
    
```



Note: with 'x' mark means QP reading

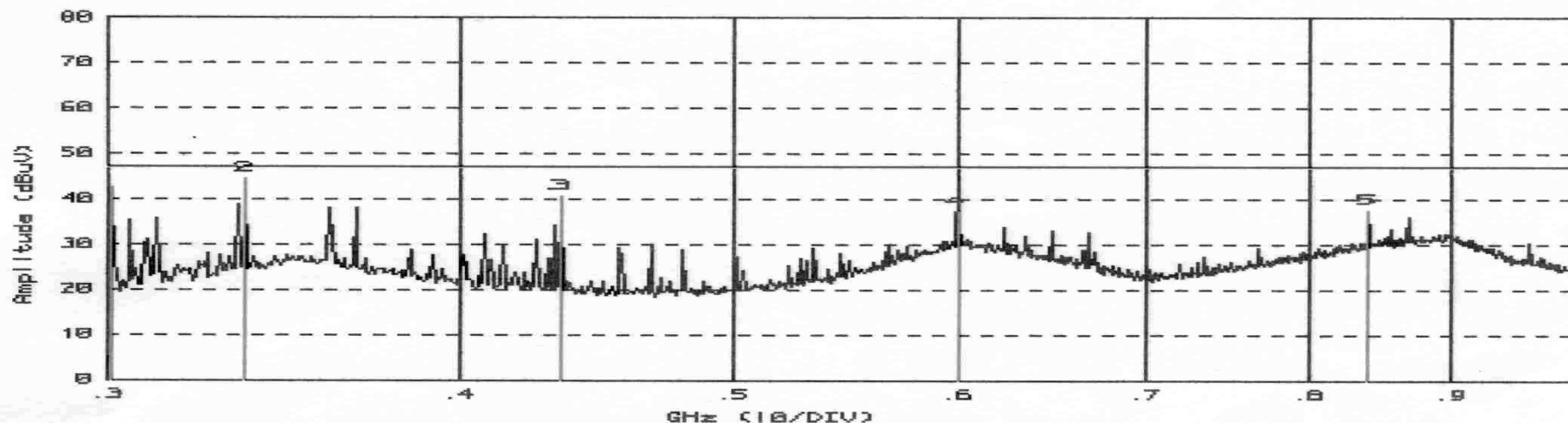
No.	FREQ. <MHz>	RAW DATA <dBuV>	C'Fac <dB>	CORR'd < dBuV/m >	LIMIT >	MARGIN <dB>	ANTENNA HEIGHT	TABLE ANGLE
1	51.06	30.1	5.3	35.4	40.0	-4.6	0.0	0.0
2	166.89	40.9	-1.3	39.6	40.0	-.4 !	0.0	0.0
3	200.37	34.3	1.8	36.1	40.0	-3.9	0.0	0.0
4	216.03	34.7	2.5	37.2	40.0	-2.8	0.0	0.0

## C&C Lab. Co. CHAMBER

Customer : aaeon  
 Antenna : EM-6971B-1  
 S.P.A. : R316(3)2  
 Rule : EN55022-A  
 Receiver : N/A  
 Remark :

Model : 6890B  
 Polr. : Horizontal-10 M  
 PreAmp. : R3132(B)  
 Mode :  
 Tester : milo

Date : 4 Dec 2000  
 Time : 16:19:10  
 file# : 261  
 Tmp.(C) : 25  
 Humid(%) : 50

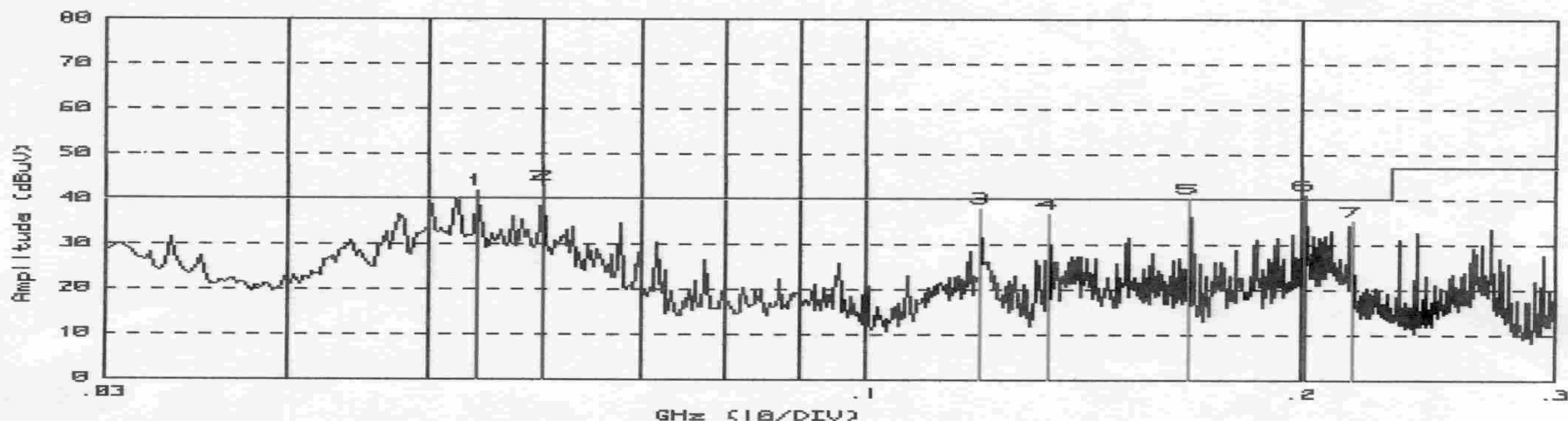


Note: with 'x' mark means QP reading

No.	FREQ. <MHz>	RAW DATA <dBuV>	C'Fac <dB>	CORR'd < dBuV/m >	LIMIT	MARGIN <dB>	ANTENNA HEIGHT	TABLE ANGLE
1	300.70	34.4	8.0	42.4	47.0	-4.6	0.0	0.0
2	335.70	30.3	14.0	44.3	47.0	-2.7	0.0	0.0
3	433.70	31.2	9.3	40.5	47.0	-6.5	100.0	0.0
4	599.60	17.5	19.7	37.2	47.0	-9.8	100.0	0.0
5	839.70	18.9	18.5	37.4	47.0	-9.6	100.0	0.0

## C&C Lab. Co. CHAMBER

Customer : aaeon	Model : 6890B	Date : 4 Dec 2000
Antenna : EM-6971B-1	Polr. : Vertical-10 M	Time : 16:23:37
S.P.A. : R316(3)2	PreAmp. : R3132(B)	file# : 262
Rule : EN55022-A	Mode :	Tmp.(C) : 25
Receiver : N/A	Tester : milo	Humid(%) : 50
Remark :		



Note: with 'x' mark means GP reading

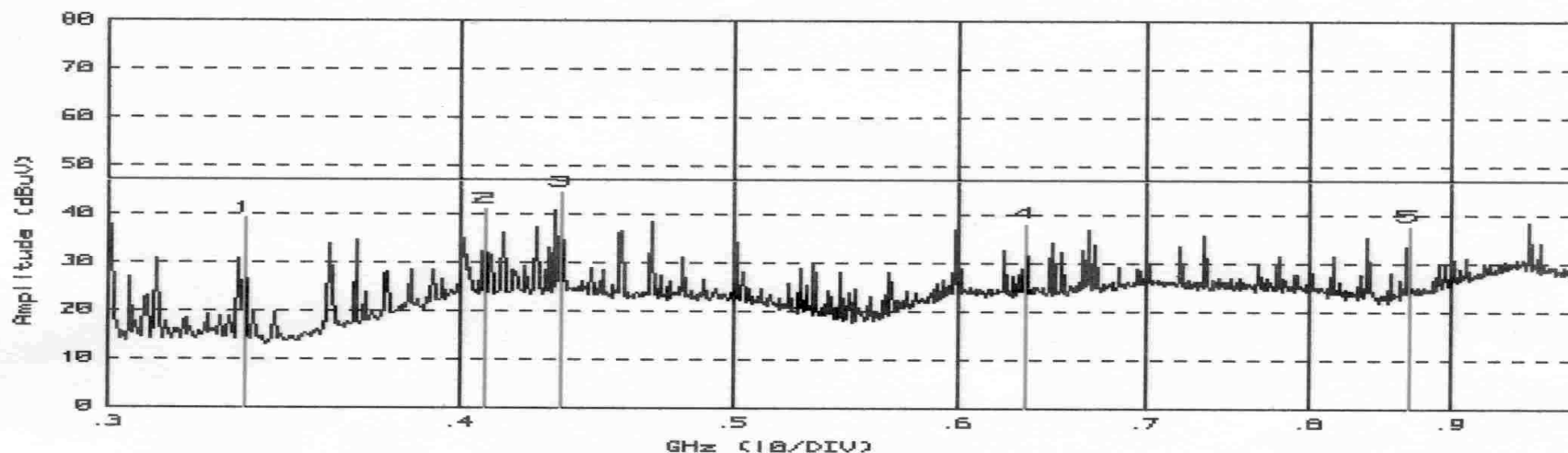
No.	FREQ. <MHz>	RAW DATA <dBuV>	C'Fac <dB>	CORR'd < dBuV/m >	LIMIT	MARGIN <dB>	ANTENNA HEIGHT	TABLE ANGLE
1	54.03	32.5	9.0	41.5	40.0	1.5 X	0.0	0.0
2	59.97	38.7	3.8	42.5	40.0	2.5 X	0.0	0.0
3	119.91	29.6	8.1	37.7	40.0	-2.3	100.0	0.0
4	133.41	36.5	-.1	36.4	40.0	-3.6	100.0	0.0
5	166.89	39.6	.2	39.8	40.0	-.2 !	100.0	0.0
6	200.37	31.7	9.0	40.7	40.0	.7 X	0.0	0.0
7	216.03	33.2	1.8	35.0	40.0	-5.0	0.0	0.0

# C&C Lab. Co. CHAMBER

Customer: aaeon  
 Antenna : EM-6971B-1  
 S.P.A. : R316(3)2  
 Rule : EN55022-A  
 Receiver: N/A  
 Remark :

Model : 6890B  
 Polr. : Vertical-10 M  
 PreAmp. : R3132(B)  
 Mode :  
 Tester : milo

Date: 4 Dec 2000  
 Time: 16:28:13  
 File#: 264  
 Temp.(C): 25  
 Humid(%): 50



Note: with 'x' mark means QP reading

No.	FREQ. <MHz>	RAW DATA <dBuV>	C'Fac <dB>	CORR'd < dBuV/m >	LIMIT < dBuV/m >	MARGIN <dB>	ANTENNA HEIGHT	TABLE ANGLE
1	335.70	35.5	3.2	38.7	47.0	-8.3	100.0	0.0
2	407.80	27.9	12.7	40.6	47.0	-6.4	100.0	0.0
3	433.70	31.6	12.5	44.1	47.0	-2.9	0.0	0.0
4	634.60	24.6	13.2	37.8	47.0	-9.2	100.0	0.0
5	868.40	24.8	12.5	37.3	47.0	-9.7	100.0	0.0