

Compliance Engineering Services Inc.

Report No. : 990330A1

Date : 03/30/1999

Time : 14:07

>> 3 M RADIATED EMISSION DATA <<

Test Engr : JUAN MARTINEZ

Company : AUDIOVOX CORPORATION  
Equipment Under Test : 302MHZ TRANSMITTER  
Test Configuration : EUT ONLY  
Type of Test : FCC 15.231  
Mode of Operation : TX

Freq.	dBuV-PK	dBuV-AVE	CF(dB)	dBuV-AVE	FCC-B	EUT-B	Note
z-axis:							
302.11	67.3	58.2	-8.6	49.6	73.6	-24.0	Horizontal
604.24	42.1	33.0	-3.8	29.2	53.6	-24.4	Horizontal
902.36	34.0	24.9	1.0	25.9	53.6	-27.7	Horizontal
y-axis:							
302.14	60.7	51.6	-8.6	43.0	73.6	-30.6	Horizontal
604.24	40.1	31.0	-3.8	27.2	53.6	-26.4	Horizontal
906.36	35.4	26.3	1.1	27.4	53.6	-26.2	Horizontal
z-axis:							
302.14	60.5	51.4	-8.6	42.8	73.6	-30.8	Horizontal
604.27	42.8	33.7	-3.8	29.9	53.6	-23.7	Horizontal
906.39	34.6	25.5	1.1	26.6	53.6	-27.0	Horizontal
302.15	63.7	54.6	-8.2	46.3	73.6	-27.2	Vertical
604.27	44.6	35.5	-4.3	31.2	53.6	-22.4	Vertical
906.39	44.6	35.5	0.6	36.1	53.6	-17.5	Vertical
y-axis:							
302.15	62.6	53.5	-8.2	45.2	73.6	-28.3	Vertical
604.27	46.6	37.5	-4.3	33.2	53.6	-20.4	Vertical
906.39	34.0	24.9	0.6	25.5	53.6	-28.1	Vertical
z-axis:							
302.15	48.4	39.3	-8.2	31.0	73.6	-42.5	Vertical
604.27	41.7	32.6	-4.3	28.3	53.6	-25.3	Vertical
906.39	34.6	25.5	0.6	26.1	53.6	-27.5	Vertical

Total # of data 18

V.1.1.0a

DUTY CYCLE:

1 DUTY CYCLE (T)=100 msec  
t1+t2+t3....+tn = 35 msec

20 x LOG (M% / 100%)

20 x LOG (.35)

DUTY CORRECTION FACTOR = -9.1 dB

M% = [(t1+t2+t3....+tn) / T] x 100%

RESULT = 35%