



RADIATED EMISSIONS (FCC SECTION 15.209 AND 15.249)

COMPANY	INTERLINK	DATE	1/19/01
EUT	Wireless Keyboard	DUTY CYCLE	10.40 %
MODEL	VP6210	PEAK TO AVG	-19.66 dB
S/N	None	TEST DIST.	3 METERS
TEST ENGINEER	Joey J. Madlangbayan	LAB	F

[illegible]

* CORRECTED READING = METER READING + ANTENNA FACTOR + CABLE LOSS - AMPLIFIER GAIN

** DELTA = SPEC LIMIT - CORRECTED READING



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Frequency MHz	Peak Reading (dBuV)	Average (A) or Quasi- Peak (QP)	Antenna Polar. (V or H)	Antenna Height (meters)	EUT Azimuth (degrees)	EUT Axis (X,Y,Z)	EUT Tx Channel	Antenna Factor (dB)	Cable Loss (dB)	Amplifier Gain (dB)	*Corrected Reading (dBuV/m)	Delta ** (dB)	Spec Limit (dBuV/m)	Comments
1833.0000	47.1	A	H	1.0	270			28.5	6.3	33.1	48.8	-5.2	54.0	
1833.0000		A	V					28.5	6.3	33.1			54.0	NFF

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COMPATIBLE
ELECTRONICS

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3666.0000		A	H					33.1	12.0	34.3			54.0	NFF
3666.0000		A	V					33.1	12.0	34.3			54.0	NFF

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6415.5000		A	H					34.8	13.9	34.4			54.0	NFF
6415.5000		A	V					34.8	13.9	34.4			54.0	NFF

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7332.0000		A	H					36.7	14.9	34.5			54.0	NFF
7332.0000		A	V					36.7	14.9	34.5			54.0	NFF

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9165.0000		A	H					39.1	19.4	28.9			54.0	NFF
9165.0000		A	V					39.1	19.4	28.9			54.0	NFF

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Test location: Compatible Electronics

Customer : Interlink

Date : 1/19/2001

Manufacturer : same

Time : 23.08

EUT name : Wireless Keyboard

Model: VP6210

Specification: Fcc_B Test distance: 3.0 mtrs Lab: F

Distance correction factor($20 \cdot \log(\text{test}/\text{spec})$) : 0.00

Test Mode : QUALIFICATION

HUMID: 58% TEMP: 50 deg.F.

Test Engineer: Joey J. Madlangbayan *JM*

Pol	Freq MHz	Rdng dBuV	Cable loss dB	Ant factor dB	Amp gain dB	Cor'd rdg = R dBuV	limit = L dBuV/m	Delta R-L dB
1V	84.00	49.20	1.84	9.30	36.42	23.92	40.00	-16.08
2V	96.02	51.10	1.96	9.44	36.42	26.08	43.50	-17.42
3V	126.03	50.50	2.11	11.36	36.30	27.68	43.50	-15.82
4V	132.03	54.10	2.18	11.86	36.27	31.87	43.50	-11.63
5V	228.02	47.00	2.98	15.43	36.08	29.33	46.00	-16.67
6H	96.02	49.90	1.96	9.44	36.42	24.88	43.50	-18.62
7H	108.02	50.00	2.03	10.10	36.44	25.69	43.50	-17.81
8H	120.03	50.00	2.08	10.93	36.34	26.67	43.50	-16.83
9H	204.01	58.70	2.83	15.63	36.10	41.06	43.50	-2.44
10H	204.01	58.60	2.83	15.63	36.10	40.96Qp	43.50	-2.54
11H	210.02	57.90	2.88	15.52	36.10	40.20	43.50	-3.30
12H	216.03	59.60	2.93	15.41	36.10	41.83	46.00	-4.17
13H	222.02	59.40	2.98	15.29	36.10	41.57	46.00	-4.43
14H	228.03	61.30	2.98	15.43	36.08	43.63	46.00	-2.37
15H	228.01	61.04	2.98	15.43	36.08	43.37Qp	46.00	-2.63
16H	234.02	56.90	2.93	15.80	36.03	39.60	46.00	-6.40
17H	240.02	53.80	2.88	16.17	35.98	36.87	46.00	-9.13
18H	246.03	54.10	2.83	16.54	35.93	37.54	46.00	-8.46
19H	252.03	55.60	2.83	16.93	35.92	39.45	46.00	-6.55
20H	258.02	53.60	2.93	17.37	35.96	37.94	46.00	-8.06
21H	270.01	52.80	3.12	18.26	36.06	38.12	46.00	-7.88
22H	276.01	54.60	3.20	18.64	36.10	40.35	46.00	-5.65
23H	282.00	53.70	3.23	18.71	36.07	39.57	46.00	-6.43
24H	294.00	52.00	3.28	18.85	36.02	38.10	46.00	-7.90
25V	306.01	42.60	3.34	15.36	36.01	25.28	46.00	-20.72
26V	312.00	42.20	3.37	15.41	36.02	24.95	46.00	-21.05
27V	318.00	40.00	3.41	15.45	36.04	22.83	46.00	-23.17
28V	336.00	39.50	3.52	15.60	36.07	22.54	46.00	-23.46
29H	300.02	56.10	3.30	15.31	36.00	38.71	46.00	-7.29



Test location: Compatible Electronics

Customer : Interlink

Date : 1/19/2001

Manufacturer : same

Time : 23.08

EUT name : Wireless Keyboard

Model: VP6210

Specification: Fcc_B Test distance: 3.0 mtrs

Lab: E

Distance correction factor($20 \cdot \log(\text{test}/\text{spec})$)

: 0.00

Test Mode : *QUALIFICATION*

HUMID: 58% TEMP: 50 deg.F.

Test Engineer: Joey J. Madlangbayan *JJM*

Pol	Freq	Rdng	Cable	Ant	Amp	Cor'd	limit	Delta
	MHz	dBuV	loss	factor	gain	rdg = R	= L	R-L
			dB	dB	dB	dBuV	dBuV/m	dB
30H	312.01	53.60	3.37	15.41	36.02	36.35	46.00	-9.65
31H	330.01	48.70	3.48	15.55	36.06	31.67	46.00	-14.33
32H	336.02	52.80	3.52	15.60	36.07	35.84	46.00	-10.16
33H	342.01	50.10	3.55	15.65	36.08	33.21	46.00	-12.79

























INTERLINK
ELECTRONICS

ELECTRONICS

0-21

$\sqrt{p_2 p_1} (Tx)$

Packet → Packet Timing

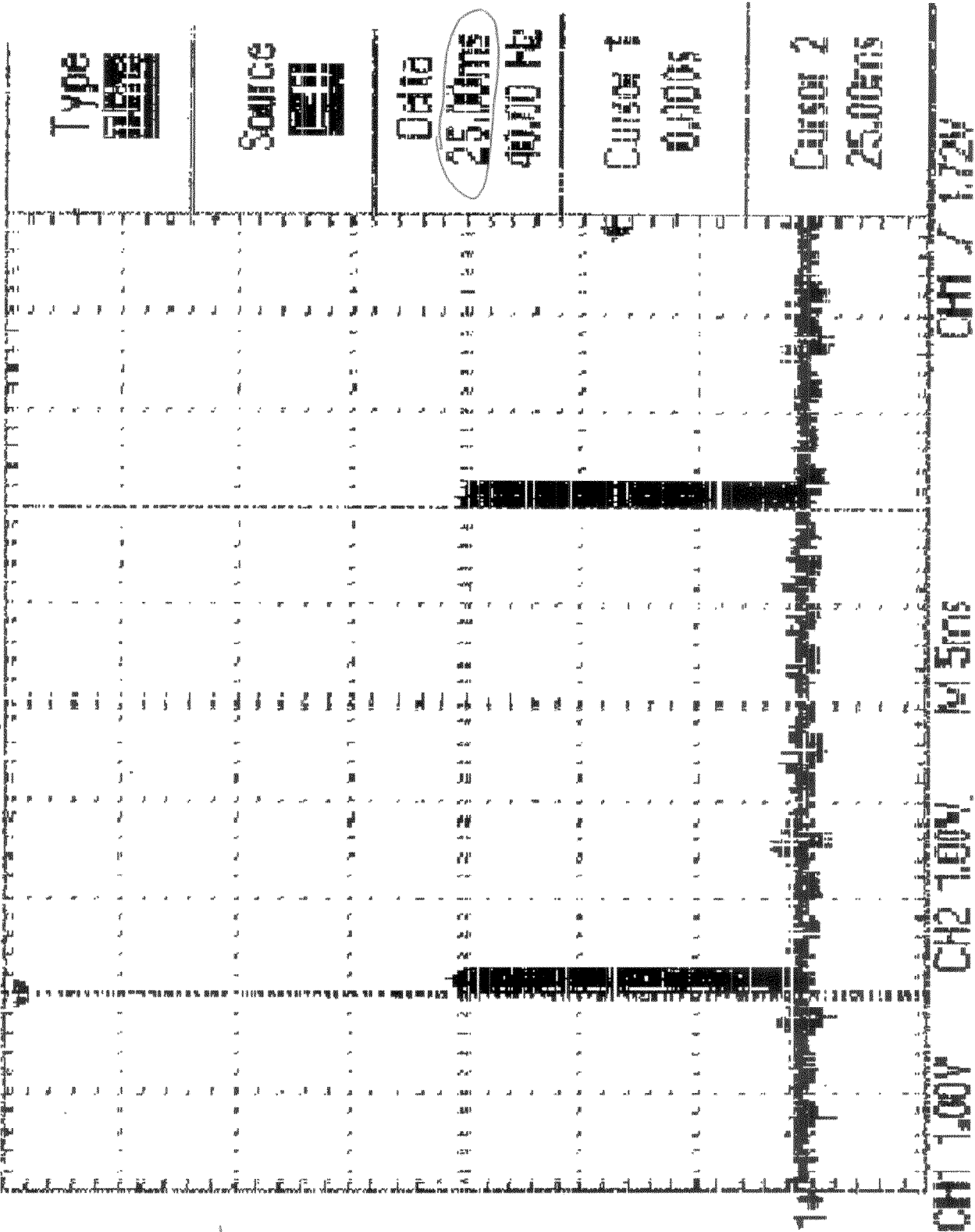
5241

TRANSMITTER

Duty Cycle
Plot

Plot

204



Tek

Stop

M Pos: 750.0µs

CURSOR

INTERLINK
ELECTRONICS

1-24-01

VP6210(TX)

PACKET TIMING

TRANSMITTER

DUTY CYCLE PLOT

2 OF 2

Type
Time

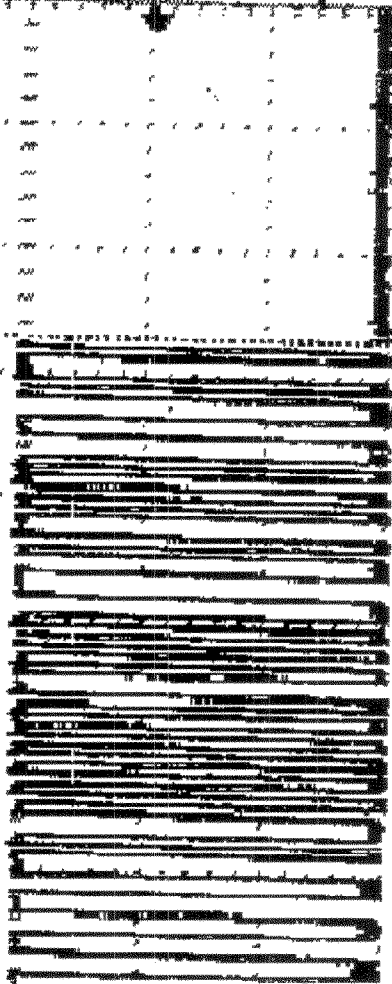
Source
CH1

Delta

1.320ms
757.6 Hz

Cursor 1
0.000s

Cursor 2
1.320ms



CH1 1.00V CH2 1.00V M 250µs

CH1 1.98V