3.7. Radiated Emission Noise Measurement Result

PASS.

The frequency range from 30MHz to 1000MHz is investigated. Please see the following pages.

Date of Test :	Oct.18, 2000	Temperature :	26℃
EUT :	900MHz Baby Monitor	Humidity :	60%
Model No. :	1201-4	Test Mode :	On
Test Engineer:	Rees Zeng	Memo :	Monitor On A

Frequency	Factor	Cable Loss	Meter Reading Horizontal	Emission Level Horizontal	Over Limits	Limits
MHz	dB/m	dB	dBμV	dBμV/m	dB	dBμV/m
452.742	27.47	4.90	7.80	35.27	-10.73	46.00
905.467	32.53	5.95	42.00	74.53	-19.47	94.00

Remark: 1. All readings are Quasi-Peak values.
2. Emission Level = Factor + Meter Reading
3. Antenna Factor = Factor – Cable Loss

Date of Test :	Oct.18, 2000	Temperature :	26℃
EUT :	900MHz Baby Monitor	Humidity :	60%
Model No. :	1201-4	Test Mode :	On
Test Engineer:	Rees Zeng	Memo :	Monitor On A

Frequency	Factor	Cable Loss	Meter Reading Vertical	Emission Level Vertical	Over Limits	Limits
MHz	dB/m	dB	dBμV	dBμV/m	DB	dBμV/m
452.742	27.08	4.90	10.90	37.98	-8.02	46.00
905.469	32.37	5.95	46.20	78.57	-15.43	94.00

Remark: 1. All readings are Quasi-Peak values.
2. Emission Level = Factor + Meter Reading
3. Antenna Factor = Factor – Cable Loss

Reviewer **:** Alex Deng

Date of Test :	Oct.18, 2000	Temperature :	26℃
EUT :	900MHz Baby Monitor	Humidity :	60%
Model No. :	1201-4	Test Mode :	On
Test Engineer:	Rees Zeng	Memo :	Monitor On B

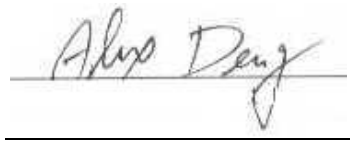
Frequency	Factor	Cable Loss	Meter Reading Horizontal	Emission Level Horizontal	Over Limits	Limits
MHz	dB/m	dB	dBμV	dBμV/m	dB	dBμV/m
381.140	26.02	4.64	9.68	35.70	-10.30	46.00
678.840	29.96	5.51	6.24	36.20	-9.80	46.00
906.840	32.56	5.95	39.44	72.00	-22.00	94.00

Remark: 1. All readings are Quasi-Peak values.
2. Emission Level = Factor + Meter Reading
3. Antenna Factor = Factor – Cable Loss

Date of Test :	Oct.18, 2000	Temperature :	26℃
EUT :	900MHz Baby Monitor	Humidity :	60%
Model No. :	1201-4	Test Mode :	On
Test Engineer:	Rees Zeng	Memo :	Monitor On B

Frequency	Factor	Cable Loss	Meter Reading Vertical	Emission Level Vertical	Over Limits	Limits
MHz	dB/m	dB	dBμV	dBμV/m	DB	dBμV/m
453.880	27.08	4.90	9.92	37.00	-9.00	46.00
678.920	30.69	5.51	6.91	37.60	-8.40	46.00
906.825	32.45	5.95	45.95	78.40	-15.60	94.00

Remark: 1. All readings are Quasi-Peak values.
2. Emission Level = Factor + Meter Reading
3. Antenna Factor = Factor – Cable Loss

Reviewer **:** 

The frequency range from 1000MHz to 10000MHz is investigated. Please see the following pages.

Date of Test :	Oct.18, 2000	Temperature :	26℃
EUT :	900MHz Baby Monitor	Humidity :	60%
Model No. :	1201-4	Test Mode :	On
Test Engineer:	Rees Zeng	Memo :	Monitor On A

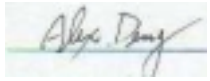
Frequency MHz	Antenna Factor dB/m	Cable Loss dB	Meter Reading Horizontal dBμV	Preamp Factor dBμV	Emission Level Horizontal dBμV/m	Over Limits DB	Limits dBμV/m
1810.900	28.36	4.75	46.60	34.98	44.73	-9.27	54.00
2716.357	30.84	6.08	41.60	34.49	44.03	-9.98	54.00

Remark: 1. All readings are AV average values.
2. Emission Level = Antenna Factor + Cable Loss + Meter Reading-Preamp Factor

Date of Test :	Oct.18, 2000	Temperature :	26℃
EUT :	900MHz Baby Monitor	Humidity :	60%
Model No. :	1201-4	Test Mode :	On
Test Engineer:	Rees Zeng	Memo :	Monitor On A

Frequency MHz	Antenna Factor dB/m	Cable Loss dB	Meter Reading Vertical dBμV	Preamp Factor dBμV	Emission Level Vertical dBμV/m	Over Limits DB	Limits dBμV/m
1810.900	28.36	4.75	46.40	34.98	44.53	-9.47	54.00
2716.355	30.84	6.08	41.80	34.49	44.23	-9.78	54.00

Remark: 1. All readings are AV average values.
2. Emission Level = Antenna Factor + Cable Loss + Meter Reading-Preamp Factor

Reviewer : 

Date of Test :	Oct.18, 2000	Temperature :	26℃
EUT :	900MHz Baby Monitor	Humidity :	60%
Model No. :	1201-4	Test Mode :	On
Test Engineer:	Rees Zeng	Memo :	Monitor On B

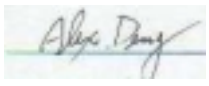
Frequency MHz	Antenna Factor dB/m	Cable Loss dB	Meter Reading Horizontal dBμV	Preamp Factor dBμV	Emission Level Horizontal dBμV/m	Over Limits DB	Limits dBμV/m
1811.814	28.38	4.76	45.20	34.98	43.36	-10.64	54.00
2717.878	30.85	6.09	38.90	34.49	41.35	-12.65	54.00

Remark: 1. All readings are AV average values.
2. Emission Level = Antenna Factor + Cable Loss + Meter Reading-Preamp Factor

Date of Test :	Oct.18, 2000	Temperature :	26℃
EUT :	900MHz Baby Monitor	Humidity :	60%
Model No. :	1201-4	Test Mode :	On
Test Engineer:	Rees Zeng	Memo :	Monitor On B

Frequency MHz	Antenna Factor dB/m	Cable Loss dB	Meter Reading Vertical dBμV	Preamp Factor dBμV	Emission Level Vertical dBμV/m	Over Limits DB	Limits dBμV/m
1811.911	28.38	4.76	45.60	34.98	43.76	-10.24	54.00
2717.878	30.85	6.09	39.90	34.49	42.35	-11.65	54.00

Remark: 1. All readings are AV average values.
2. Emission Level = Antenna Factor + Cable Loss + Meter Reading-Preamp Factor

Reviewer : 

We also test the harmonic wirth PK detector and the Peak Values – AV Values < 20dB, So the test result is pass. Please see the following pages.

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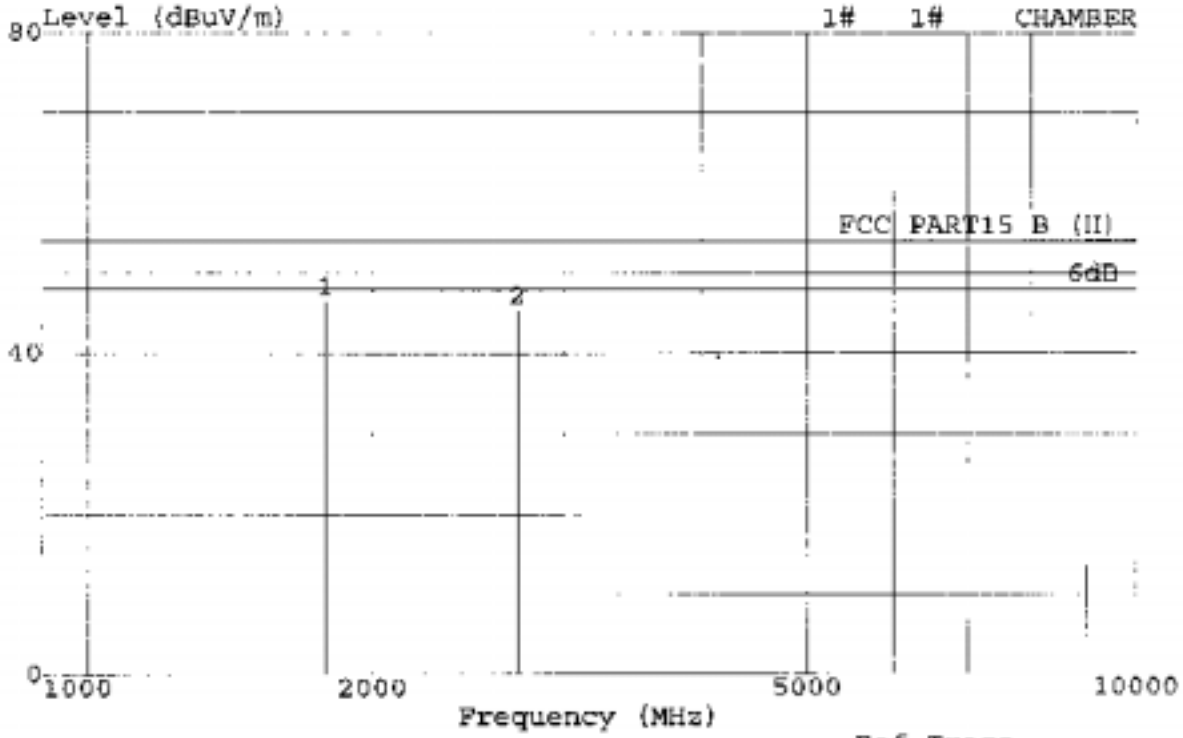
Data#: 56 File#: TECHNICS.EMI Date: 2000-10-27 Time: 13:37:52



Trace: Ref Trace:
Condition: FCC PART15 B (H) 3m 3115FACTOR HORIZONTAL
EUT: : 900MHz Baby Monitor
Power:: DC 4.5V
Memo: : Monitor On A

Page: 1

	Freq	Level	Over Limit	Limit Line	Read Level	Cable Loss	Factor	Ant Pos
	MHz	dB	dB	dB	dB	dB	dB	cm
1	1810.900	46.27	-7.73	54.00	48.36	4.75	-2.09	0
2	2716.357	45.29	-8.71	54.00	43.28	6.08	2.01	0

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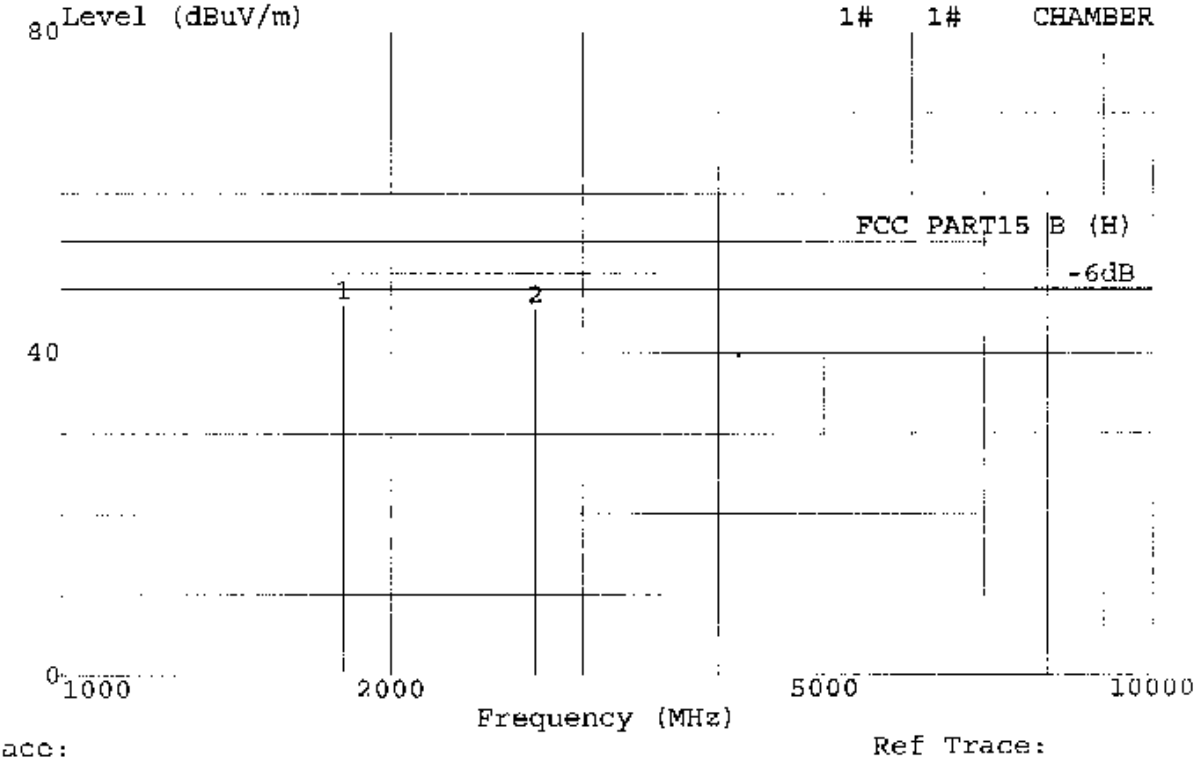
Data#: 57 File#: TECHNICS.EMI Date: 2000-10-27 Time: 13:42:47



Trace: Ref Trace:
Condition: FCC PART15 B (H) 3m 3115FACTOR VERTICAL
EUT: : 900MHz Baby Monitor
Power:: DC 4.5V
Memo: : Monitor On A

Page: 1

	Freq	Level	Over Limit	Limit Line	Read Level	Cable Loss	Factor	Ant Pos
	MHz	dB	dB	dB	dB	dB	dB	cm
1	1811.910	45.91	-8.09	54.00	47.97	4.76	-2.06	0
2	2716.355	45.38	-8.62	54.00	43.37	6.08	2.01	0

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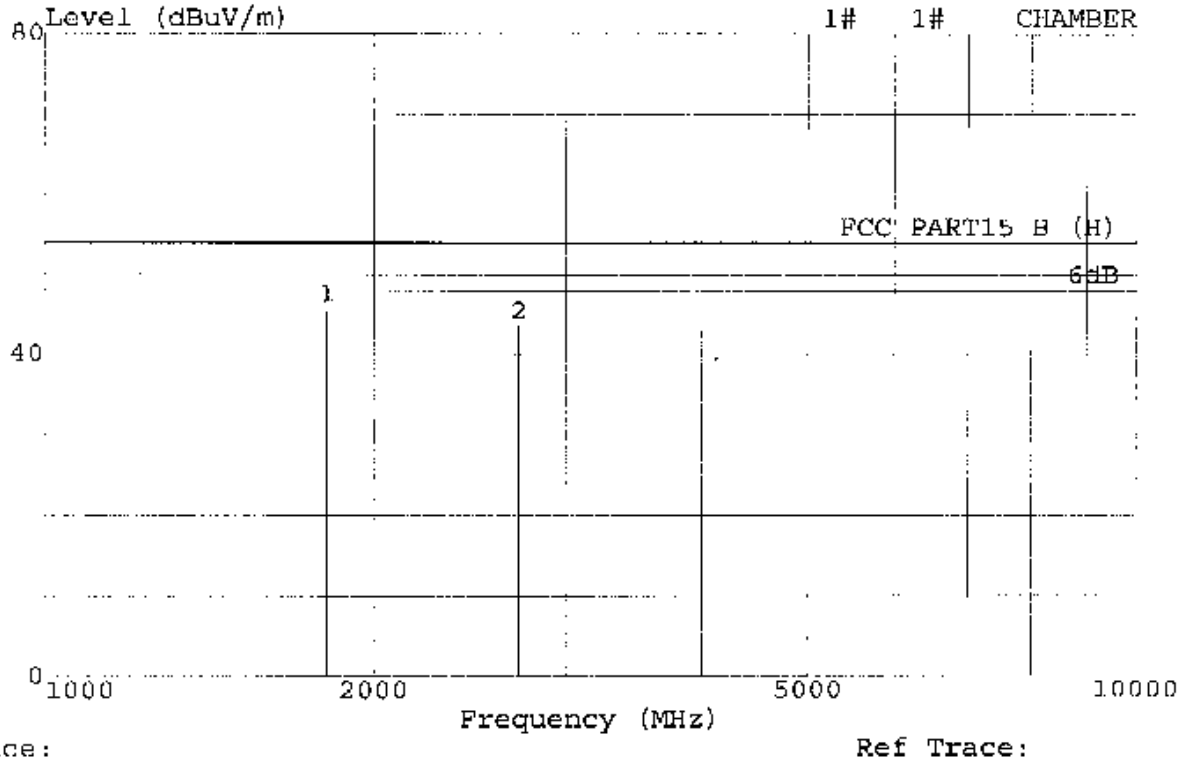
Data#: 59 File#: TECHNICS.EMI Date: 2000-10-27 Time: 13:59:51



Trace: Ref Trace:
Condition: FCC PART15 B (H) 3m 3115FACTOR HORIZONTAL
EUT: : 900MHz Baby Monitor
Power:: DC 4.5V
Memo: : Monitor On B

Page: 1

	Freq	Level	Over Limit	Limit Line	Read Level	Cable Loss	Factor	Ant Pos
	MHz	dB	dB	dB	dB	dB	dB	cm
1	1811.814	45.64	-8.36	54.00	47.70	4.76	-2.06	0
2	2717.878	43.59	-10.41	54.00	41.55	6.09	2.04	0

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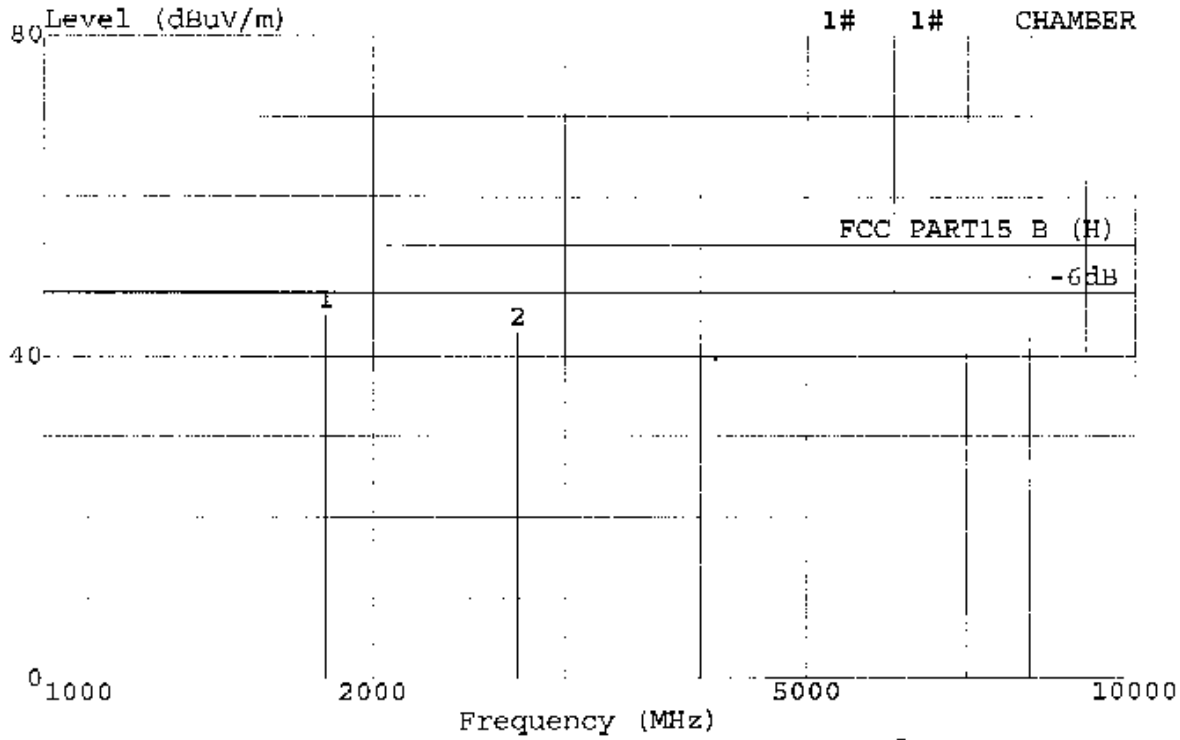
Data#: 58 File#: TECHNICS.EMI Date: 2000-10-27 Time: 13:51:59



Trace: Ref Trace:
Condition: FCC PART15 B (H) 3m 3115FACTOR VERTICAL
EUT: : 900MHz Baby Monitor
Power:: DC 4.5V
Memo: : Monitor On B

Page: 1

	Freq	Level	Over Limit	Limit Line	Read Level	Cable Loss	Factor	Ant Pos
	MHz	dB	dB	dB	dB	dB	dB	cm
1	1811.911	45.27	-8.73	54.00	47.33	4.76	-2.06	0
2	2717.878	43.10	-10.90	54.00	41.06	6.09	2.04	0