

<u>APPLICANT</u>	<u>MANUFACTURER</u>
Schick Technologies, Inc. 31-00 47th Avenue Long Island City, NY 11101	Schick Technologies, Inc. 31-00 47th Avenue Long Island City, NY 11101

TEST SPECIFICATION: FCC Rules and Regulations Part 15, Subpart C

TEST PROCEDURE: ANSI C63.4:1992

#### TEST SAMPLE DESCRIPTION

BRANDNAME: Schick Technologies, Inc.

MODEL: CDR, Part Number B1210100CDRW

FCC ID: QWCCDRW

TYPE: 2.4 GHz Pulsed Transmitter

FREQUENCY RANGE: 2400 to 2483.5 MHz

POWER REQUIREMENTS: 6 VDC derived from 2 (3V) Lithium Manganese Batteries

#### TESTS PERFORMED

- 15.249(a) Radiated Emissions, Fundamental and Harmonics
- 15.294(c) Occupied Bandwidth
- 15.249(c)/15.209 Radiated Emissions, Spurious Case

## REPORT OF MEASUREMENTS

Applicant: Schick Technologies, Inc.  
Device: 2.4 GHz Pulsed Transmitter  
FCC ID: CDR, Part Number B1210100CDRW  
Power Requirements: 6 VDC derived from 2 (3V) Lithium Manganese Batteries  
Applicable Rule Section: Part 15, Subpart C, Section 15.249

## TEST RESULTS

- 15.207(a): The radio frequency voltage that was conducted back on to the AC power line on any frequency/frequencies within the bandwidth of 450kHz to 30MHz did not exceed 250 microvolts.
- 15.249(a): The unit operates in the 2.4 to 2.4835 GHz band at 3 frequencies as follows:  
1) Channel 1, 2417 MHz  
2) Channel 2, 2.448 GHz  
3) Channel 3, 2.465 GHz  
Field strength readings were taken at 3 frequencies (low, middle and high) because the device operates over a range greater than 10 MHz  
The field strength of the fundamental did not exceed 50 milliV/M AVERAGE. The field strength of the harmonics did not exceed 500 microV/M AVERAGE.
- 15.249(b): Field strength readings were taken at three meters unless otherwise noted.
- 15.249(c): Emissions radiated outside band edges were greater than 50 dB below the specified the level of the fundamental or met the general radiated emission requirements of 15.209(a), whichever provided the lesser attenuation.
- 15.249(d): The peak field strength of any emission did not exceed the maximum permitted average field strength by more than 20dB under any condition of modulation.

## EXHIBIT 4

Radiated Emissions, Fundamental & Harmonics

Para. 15.249(a)

(See separate e-file attachments named refundharm.pdf)

## EXHIBIT 4

### Spurious Emissions

Para. 15.249(c)  
(See separate e-file attachment respur.pdf)

EXHIBIT 4

Occupied Bandwidth

Para. 15.249(c)

(See separate e-file attachment named Occbw.pdf)

## EQUIPMENT LIST

### FCC Part 15, Subpart C, Radiated Emissions 30 MHz - 25 GHz

EN	Type	Manufacturer	Description	Model No.	Cal Date	Due Date
067	Open Area Test Site	Retlif	3 Meter	RNY	9/20/00	9/20/03
128	Double Ridged Guide	Electro-Mechanics	1 GHz - 18 GHz	3105	6/7/02	6/7/03
129F	High Gain Horn Antenna	Microlab/FXR	18 GHz - 26.5 GHz	K638A	9/11/02	9/11/03
133	Broadband Pre-Amplifier	Electro-Metrics	10 kHz - 1 GHz, 26dB	BPA-1000	6/11/02	6/11/03
141	Spectrum Analyzer	Hewlett Packard	100 Hz - 40 GHz	8566B	1/23/03	7/23/03
420	Amplifier	Hewlett Packard	2.0 GHz - 18 GHz	11975A	9/9/02	9/9/03
421	Harmonic Mixer	Hewlett Packard	18 GHz - 26.5 GHz	11970K	9/29/00	9/29/03
543	Preamplifier	Hewlett Packard	1.0 GHz - 26.5 GHz	8449B	7/11/02	7/11/03
767	Biconilog	EMCO	26 - 2000 MHz	3142B	9/3/02	9/3/03

Test Setup Photograph Setup

