

# Intertek Testing Services -Menlo Park

Shen Zhen Taifeng Electronic Co., Ltd., 900 MHz Cordless Telephone

Date of Test: May 6, 1998

FCC ID: NR839525

## TEST REPORT

### 0.0 Summary of Test Results

**Shen Zhen Taifeng Electronic Co., Ltd. - MODEL: 39525**  
**FCC ID: Not Labelled**

TEST	REFERENCE	RESULTS
Radiated Emission	15.249	Complies
Conducted Emission	15.207	Complies
Antenna Requirement	15.203	Complies

Test Engineer:

Ollie Mgr  
Ollie Moyrong

Date: 6/5/98

EMC Site Mgr.:

David Chernomordik  
David Chernomordik

Date: 6/3/98

# Intertek Testing Services -Menlo Park

Shen Zhen Taifeng Electronic Co., Ltd., 900 MHz Cordless Telephone

Date of Test: May 6, 1998

FCC ID: NR839525

## 1.0 General Description

### 1.1 Product Description

The Shenzhen Taifeng Electronic Co., Ltd. Model No.: 39525 is a 40 channel 900 MHz cordless telephone.

For more information, please refer to the attached users manual.

# Intertek Testing Services -Menlo Park

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Shen Zhen Taifeng Electronic Co., Ltd., 900 MHz Cordless Telephone

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## 1.2 Related Submittal(s) Grants

This is an Application for Certification of a low power transmitter. One transmitter is included in this Application. This specific report details the emission characteristics of transmitter.

## 1.3 Test Methodology

Both AC mains line-conducted and radiated emission measurements were performed according to the procedures in ANSI C63.4 (1992). All measurements were performed in Open Area Test Sites. Preliminary scans were performed in the Open Area Test Sites only to determine worst case modes. For each scan, the procedure for maximizing emissions in Appendices D and E were followed. All Radiated tests were performed at an antenna to EUT distance of 3 meters, unless stated otherwise in the "Justification Section" of this Application.

## 1.4 Test Facility

The open area test site and conducted measurement facility used to collect the radiated data is Site 1. This test facility and site measurement data have been fully placed on file with the FCC and NVLAP accredited.

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## 2.0 System Test Configuration

### 2.1 Justification

For emission testing, the equipment under test (EUT) was configured for testing in a typical fashion (as a customer would normally use it). During testing, all cables were manipulated to produce worst case emissions.

For the measurements, the EUT is attached to a cardboard box (if necessary) and placed on the wooden turntable. If the EUT attaches to peripherals, they are connected and operational (as typical as possible). The EUT is wired to transmit full power without modulation.

The signal is maximized through rotation and placement in the three orthogonal axes. The antenna height and polarization are varied during the search for maximum signal level. The antenna height is varied from 1 to 4 meters. Detector function is in peak mode. Radiated emissions are taken at three meters unless the signal level is too low for measurement at that distance. If necessary, a pre-amplifier is used and/or the test is conducted at a closer distance.

All readings are extrapolated back to the equivalent three meter reading using inverse scaling with distance.

### 2.2 EUT Exercising Software

The EUT exercise program used during radiated and conducted testing was designed to exercise the various system components in a manner similar to a typical use.

For emissions testing, the units were setup to transmit continuously to simplify the measurement methodology. Care was taken to ensure proper power supply voltages during testing.

# Intertek Testing Services -Menlo Park

Shen Zhen Taifeng Electronic Co., Ltd., 900 MHz Cordless Telephone  
FCC ID: NR839525

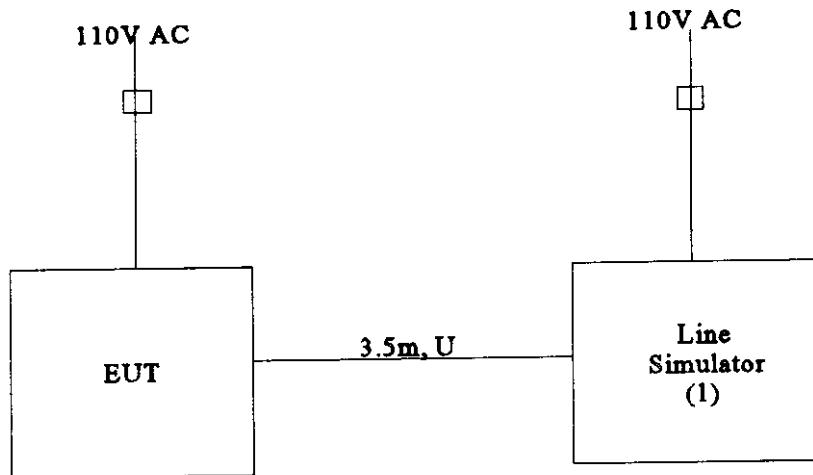
Date of Test: May 6, 1998

## 2.3 System Test Configuration

### 2.3.1 Support Equipment

Item #	Description	Model No.	Serial No.	FCC ID
1	Line Simulator	TLS-4	010810	N/A

### 2.3.2 Block Diagram of Test Setup



\* = EUT

\*\* = No ferrites on video cable

S = Shielded;

U = Unshielded

F = With Ferrite

# Intertek Testing Services -Menlo Park

Shen Zhen Taifeng Electronic Co., Ltd., 900 MHz Cordless Telephone  
FCC ID: NR839525

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## 2.4 Equipment Modification

Any modifications installed previous to testing by Shen Zhen Taifeng Electronic Co., Ltd. will be incorporated in each production model sold/leased in the United States.

No modifications were made to the EUT by Intertek Testing Services.

## 2.5 Additions, deviations and exclusions from standards

No additions, deviations or exclusion have been made from standard.

# Intertek Testing Services -Menlo Park

Shen Zhen Taifeng Electronic Co., Ltd., 900 MHz Cordless Telephone

Date of Test: May 6, 1998

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## 3.0 Emission Results

AC line conducted emission measurements were performed from 0.45 MH to 30 MHz. Analyzer resolution is 10 kHz or greater.

Radiated emission measurements were performed from 30 MHz to 5000 MHz. Analyzer resolution is 100 kHz or greater for 30 MHz to 1000 MHz, 1 MHz for >1000 MHz.

Data is included of the worst case configuration (the configuration which resulted in the highest emission levels). A sample calculation, configuration photographs and data tables of the emissions are included. All measurements were performed with peak detection unless otherwise specified.

# Intertek Testing Services -Menlo Park

Shen Zhen Taifeng Electronic Co., Ltd., 900 MHz Cordless Telephone  
FCC ID: NR839525

Date of Test: May 6, 1998

## 3.1 Field Strength Calculation

The field strength is calculated by adding the Antenna Factor and Cable Factor, and subtracting the Amplifier Gain (if any) from the measured reading. The basic equation with a sample calculation is as follows:

$$FS = RA + AF + CF - AG$$

where FS = Field Strength in dB( $\mu$ V/m)

RA = Receiver Amplitude (including preamplifier) in dB( $\mu$ V)

CF = Cable Attenuation Factor in dB

AF = Antenna Factor in dB/m

AG = Amplifier Gain in dB

In the following table(s), the reading shown on the data table reflects the preamplifier gain. An example for the calculations in the following table is as follows:-

$$FS = RR + LF$$

where FS = Field Strength in dB( $\mu$ V/m)

RR = RA - AG in dB( $\mu$ V)

LF = CF + AF in dB

Assume a receiver reading of 52.0 dB( $\mu$ V) is obtained. The antenna factor of 7.4 dB/m and cable factor of 1.6 dB is added. The amplifier gain of 29 dB is subtracted, giving a field strength of 32 dB( $\mu$ V/m). This value in dB $\mu$ V/m was converted to its corresponding level in  $\mu$ V/m.

$$RA = 52.0 \text{ dB}(\mu\text{V})$$

$$AF = 7.4 \text{ dB/m}$$

$$RR = 23.0 \text{ dB}(\mu\text{V})$$

$$CF = 1.6 \text{ dB}$$

$$LF = 9.0 \text{ dB}$$

$$AG = 29.0 \text{ dB}$$

$$FS = RR + LF$$

$$FS = 23 + 9 = 32 \text{ dB}(\mu\text{V/m})$$

$$\text{Level in } \mu\text{V/m} = \text{Common Antilogarithm } \{[32 \text{ dB}(\mu\text{V/m})]/20\} = 39.8 \mu\text{V/m}$$

# Intertek Testing Services -Menlo Park

Shen Zhen Taifeng Electronic Co., Ltd., 900 MHz Cordless Telephone

Date of Test: May 6, 1998

FCC ID: NR839525

## 3.3 Radiated Emission Data

The data on the following pages list the significant emission frequencies, the limit and the margin of compliance.

**Results: Passed by 5.5 dB at 1807.95 MHz**

Note: a) All emissions not reported are at least 20 dB below the limits

# INTERTEK TESTING SERVICES

Company: Sam Joo Electronics  
 EUT: 900 MHz Cordless Phone  
 Model: NWB39525, Base Unit  
 Test Mode: Tx @ low channel

Project #: J980  
 Date of Test: 5/7/98  
 Test Site #: 1  
 Engineer: Ollie Moyrong

## FCC 15.249 Radiated Emissions

Detector	Frequency	Antenna	Antenna	Reading	Antenna	Preamp	Correction	Cable	Corrected	Limit	Margin
A/QP/P	(MHz)	(m)	Polariz.	H=0/V=1	(dBuV)	Factor	(dB/m)	(dB)	(dB)	(dBuV/m)	(dB)
QP	902.025	3.0	1	62.1	22.7	0.0	0.0	0.5	85.3	94.0	-8.7
A	1804.05	3.0	1	44.9	29.1	-28.8	0.0	2.3	47.5	54.0	-6.5
P	1804.05	3.0	1	54.5	29.1	-28.8	0.0	2.3	57.1	74.0	-16.9
A	2708.14	3.0	1	42.5	30.7	-28.5	0.0	3.0	47.7	54.0	-6.3
P	2708.14	3.0	1	52.0	30.7	-28.5	0.0	3.0	57.2	74.0	-16.8
A	3608.16	3.0	1	40.1	31.9	-28.1	0.0	3.6	47.5	54.0	-6.5
P	3608.16	3.0	1	47.1	31.9	-28.1	0.0	3.6	54.5	74.0	-19.5
A	4510.19	3.0	1	38.3	32.8	-27.6	0.0	4.1	47.6	54.0	-6.4
P	4510.19	3.0	1	43.0	32.8	-27.6	0.0	4.1	52.3	74.0	-21.7
A	5412.22	3.0	1	33.2	34.6	-27.8	0.0	4.6	44.6	54.0	-9.4
P	5412.22	3.0	1	40.9	34.6	-27.8	0.0	4.6	52.3	74.0	-21.7
A	6314.18	1.0	1	32.5	35.1	-28.2	-9.5	5.0	34.9	54.0	-19.1
P	6314.18	1.0	1	39.8	35.1	-28.2	-9.5	5.0	42.2	74.0	-31.8
A	7218.20	1.0	1	29.8	36.1	-28.5	-9.5	5.8	33.7	54.0	-20.3
P	7218.20	1.0	1	33.6	36.1	-28.5	-9.5	5.8	37.5	74.0	-36.5
A	8118.22	1.0	1	24.0	37.3	-29.1	-9.5	6.0	28.7	54.0	-25.3
P	8118.22	1.0	1	30.6	37.3	-29.1	-9.5	6.0	35.3	74.0	-38.7
A	9020.25	1.0	1	22.8	37.8	-29.5	-9.5	6.3	27.9	54.0	-26.1
P	9020.25	1.0	1	30.1	37.8	-29.5	-9.5	6.3	35.2	74.0	-38.8

Note: Negative signs (-) in the Margin column signify levels below the limit.

# INTERTEK TESTING SERVICES

Company: Sam Joo Electronics  
 EUT: 900 MHz Cordless Phone  
 Model: NWB39525, Base Unit  
 Test Mode: Tx @ high channel

Project #: J980  
 Date of Test: 5/7/98  
 Test Site #: 1  
 Engineer: Ollie Moyrong

## FCC 15.249 Radiated Emissions

Detector	Frequency	Antenna	Antenna	Reading	Antenna	Preamp	Correction	Cable	Corrected	Limit	Margin
A/QP/P	(MHz)	(m)	Location	H=0/V=1	(dBuV)	(dB/m)	(dB)	(dB)	(dB)	(dBuV/m)	(dB)
QP	903.975	3.0	1	62.2	22.6	0.0	0.0	0.5	85.3	94.0	-8.7
A	1807.95	3.0	1	45.9	29.1	-28.8	0.0	2.3	48.5	54.0	-5.5
P	1807.95	3.0	1	54.7	29.1	-28.8	0.0	2.3	57.3	74.0	-16.7
A	2711.92	3.0	1	44.8	30.7	-28.5	0.0	3.0	50.0	54.0	-4.0
P	2711.92	3.0	1	52.0	30.7	-28.5	0.0	3.0	57.2	74.0	-16.8
A	3615.90	3.0	1	39.6	31.9	-28.1	0.0	3.6	47.0	54.0	-7.0
P	3615.90	3.0	1	47.1	31.9	-28.1	0.0	3.6	54.5	74.0	-19.5
A	4519.88	3.0	1	37.7	32.8	-27.6	0.0	4.1	47.0	54.0	-7.0
P	4519.88	3.0	1	43.1	32.8	-27.6	0.0	4.1	52.4	74.0	-21.6
A	5423.85	3.0	1	32.8	34.6	-27.8	0.0	4.6	44.2	54.0	-9.8
P	5423.85	3.0	1	39.6	34.6	-27.8	0.0	4.6	51.0	74.0	-23.0
A	6327.82	1.0	1	33.0	35.1	-28.2	-9.5	5.0	35.4	54.0	-18.6
P	6327.82	1.0	1	40.2	35.1	-28.2	-9.5	5.0	42.6	74.0	-31.4
A	7231.80	1.0	1	29.1	36.1	-28.5	-9.5	5.8	33.0	54.0	-21.0
P	7231.80	1.0	1	33.5	36.1	-28.5	-9.5	5.8	37.4	74.0	-36.6
A	8135.78	1.0	1	24.3	37.3	-29.1	-9.5	6.0	29.0	54.0	-25.0
P	8135.78	1.0	1	30.2	37.3	-29.1	-9.5	6.0	34.9	74.0	-39.1
A	9039.75	1.0	1	22.4	37.8	-29.5	-9.5	6.3	27.5	54.0	-26.5
P	9039.75	1.0	1	29.7	37.8	-29.5	-9.5	6.3	34.8	74.0	-39.2

Note: Negative signs (-) in the Margin column signify levels below the limit.

# INTERTEK TESTING SERVICES

Company: Sam Joo Electronics  
 EUT: 900 MHz Cordless Phone  
 Model: NWB39525, Hand Set  
 Test Mode: Tx @ low channel

Project #: J980  
 Date of Test: 5/7/98  
 Test Site #: 1  
 Engineer: Ollie Moyrong

## FCC 15.249 Radiated Emissions

Detector A/QP/P	Frequency (MHz)	Antenna Location (m)	Antenna Polariz. H=0/V=1	Reading (dBuV)	Antenna Preamp Factor (dB/m)			Cable Loss (dB)	Corrected Reading (dBuV/m)	Limit At 3 m dBuV/m	Margin (dB)
					Factor (dB)	Correction (dB)	Cable Loss (dB)				
QP	926.025	3.0	1	63.8	22.5	0.0	0.0	0.5	86.8	94.0	-7.2
A	1852.05	3.0	1	38.7	29.1	-28.8	0.0	2.3	41.3	54.0	-12.7
P	1852.05	3.0	1	40.3	29.1	-28.8	0.0	2.3	42.9	74.0	-31.1
A	2778.08	3.0	0	40.2	30.7	-28.5	0.0	3.0	45.4	54.0	-8.6
P	2778.08	3.0	0	41.7	30.7	-28.5	0.0	3.0	46.9	74.0	-27.1
A	3704.10	3.0	0	28.4	31.9	-28.1	0.0	3.6	35.8	54.0	-18.2
P	3704.10	3.0	0	32.9	31.9	-28.1	0.0	3.6	40.3	74.0	-33.7
A	4630.12	3.0	0	36.2	32.8	-27.6	0.0	4.1	45.5	54.0	-8.5
P	4630.12	3.0	0	38.4	32.8	-27.6	0.0	4.1	47.7	74.0	-26.3
A	5558.15	3.0	0	35.3	34.6	-27.8	0.0	4.6	46.7	54.0	-7.3
P	5558.15	3.0	0	37.2	34.6	-27.8	0.0	4.6	48.6	74.0	-25.4
A	6482.18	1.0	0	26.2	35.1	-28.2	-9.5	5.0	28.6	54.0	-25.4
P	6482.18	1.0	0	32.0	35.1	-28.2	-9.5	5.0	34.4	74.0	-39.6
A	7408.20	1.0	0	25.7	36.1	-28.5	-9.5	5.8	29.6	54.0	-24.4
P	7408.20	1.0	0	31.2	36.1	-28.5	-9.5	5.8	35.1	74.0	-38.9
A	8334.22	1.0	0	28.5	37.3	-29.1	-9.5	6.0	33.2	54.0	-20.8
P	8334.22	1.0	0	33.6	37.3	-29.1	-9.5	6.0	38.3	74.0	-35.7
A	9260.25	1.0	0	23.1	37.8	-29.5	-9.5	6.3	28.2	54.0	-25.8
P	9260.25	1.0	0	28.2	37.8	-29.5	-9.5	6.3	33.3	74.0	-40.7

Note: Negative signs (-) in the Margin column signify levels below the limit.

# INTERTEK TESTING SERVICES

Company: Sam Joo Electronics  
 EUT: 900 MHz Cordless Phone  
 Model: NWB39525, Hand Set  
 Test Mode: Tx @ high channel

Project #: J980  
 Date of Test: 5/7/98  
 Test Site #: 1  
 Engineer: Ollie Moyrong

## FCC 15.249 Radiated Emissions

Detector	Frequency	Antenna	Antenna	Reading	Antenna	Preamp	Correction	Cable	Corrected	Limit	Margin
A/QP/P	(MHz)	Location	Polariz.	H=0/V=1 (dBuV)	Factor	(dB/m)	(dB)	(dB)	Reading	(dBuV/m)	(dB)
QP	927.975	3.0	1	62.6	22.6	0.0	0.0	0.5	85.7	94.0	-8.3
A	1856.00	3.0	1	37.2	29.1	-28.8	0.0	2.3	39.8	54.0	-14.2
P	1856.00	3.0	1	38.3	29.1	-28.8	0.0	2.3	40.9	74.0	-33.1
A	2783.92	3.0	0	40.0	30.7	-28.5	0.0	3.0	45.2	54.0	-8.8
P	2783.92	3.0	0	41.5	30.7	-28.5	0.0	3.0	46.7	74.0	-27.3
A	3711.90	3.0	0	27.6	31.9	-28.1	0.0	3.6	35.0	54.0	-19.0
P	3711.90	3.0	0	32.4	31.9	-28.1	0.0	3.6	39.8	74.0	-34.2
A	4639.90	3.0	0	36.2	32.8	-27.6	0.0	4.1	45.5	54.0	-8.5
P	4639.90	3.0	0	38.1	32.8	-27.6	0.0	4.1	47.4	74.0	-26.6
A	5567.88	3.0	0	33.5	34.6	-27.8	0.0	4.6	44.9	54.0	-9.1
P	5567.88	3.0	0	36.1	34.6	-27.8	0.0	4.6	47.5	74.0	-26.5
A	6495.86	1.0	0	27.7	35.1	-28.2	-9.5	5.0	30.1	54.0	-23.9
P	6495.86	1.0	0	33.2	35.1	-28.2	-9.5	5.0	35.6	74.0	-38.4
A	7423.83	1.0	0	28.9	36.1	-28.5	-9.5	5.8	32.8	54.0	-21.2
P	7423.83	1.0	0	33.5	36.1	-28.5	-9.5	5.8	37.4	74.0	-36.6
A	8351.82	1.0	0	29.8	37.3	-29.1	-9.5	6.0	34.5	54.0	-19.5
P	8351.82	1.0	0	34.1	37.3	-29.1	-9.5	6.0	38.8	74.0	-35.2
A	9279.80	1.0	0	21.8	37.8	-29.5	-9.5	6.3	26.9	54.0	-27.1
P	9279.80	1.0	0	28.4	37.8	-29.5	-9.5	6.3	33.5	74.0	-40.5

Note: Negative signs (-) in the Margin column signify levels below the limit.

# INTERTEK TESTING SERVICES

**Company:** Sam Joo Electronics  
**EUT:** 900 MHz Cordless Phone  
**Model:** 39525  
**Test Mode:** Rx

**Project #:** J980  
**Date of Test:** 5/6/98  
**Test Site #:** 1  
**Engineer:** Ollie Moyrong

## FCC 15.109 Class B Radiated Emissions

Frequency (MHz)	Antenna Location (m)	Antenna Polariz. (H=0/V=1)	Reading (dBuV)	Antenna Factor (dB/m)	Preamp (dB)	Correction Factor (dB)	Cable Loss (dB)	Corrected Reading (dBuV/m)	Limit At 3 m (dBuV/m)	Margin (dB)
58.97	3.0	1	45.2	6.5	-28.2	0.0	1.0	24.6	40.0	-15.4
88.45	3.0	1	48.6	9.0	-28.2	0.0	1.8	31.2	43.5	-12.3
117.94	3.0	0	43.1	7.0	-28.0	0.0	2.1	24.2	43.5	-19.3
147.43	3.0	1	47.0	12.6	-28.0	0.0	2.2	33.8	43.5	-9.7
206.39	3.0	1	37.3	10.6	-27.8	0.0	2.4	22.5	43.5	-21.0
265.36	3.0	1	35.0	13.5	-27.9	0.0	2.8	23.4	46.0	-22.6
294.84	3.0	0	46.1	14.1	-27.9	0.0	3.4	35.7	46.0	-10.3
383.30	3.0	1	43.2	15.8	-27.8	0.0	4.5	35.7	46.0	-10.3
471.75	3.0	1	5.0	17.0	-28.1	0.0	4.7	-1.4	46.0	-47.4
530.72	3.0	1	30.3	18.9	-28.0	0.0	4.9	26.1	46.0	-19.9

Note: Negative signs (-) in the Margin column signify levels below the limit.

# Intertek Testing Services -Menlo Park

Shen Zhen Taifeng Electronic Co., Ltd., 900 MHz Cordless Telephone

Date of Test: May 6, 1998

FCC ID: NR839525

## 3.5 Conducted Emission Data

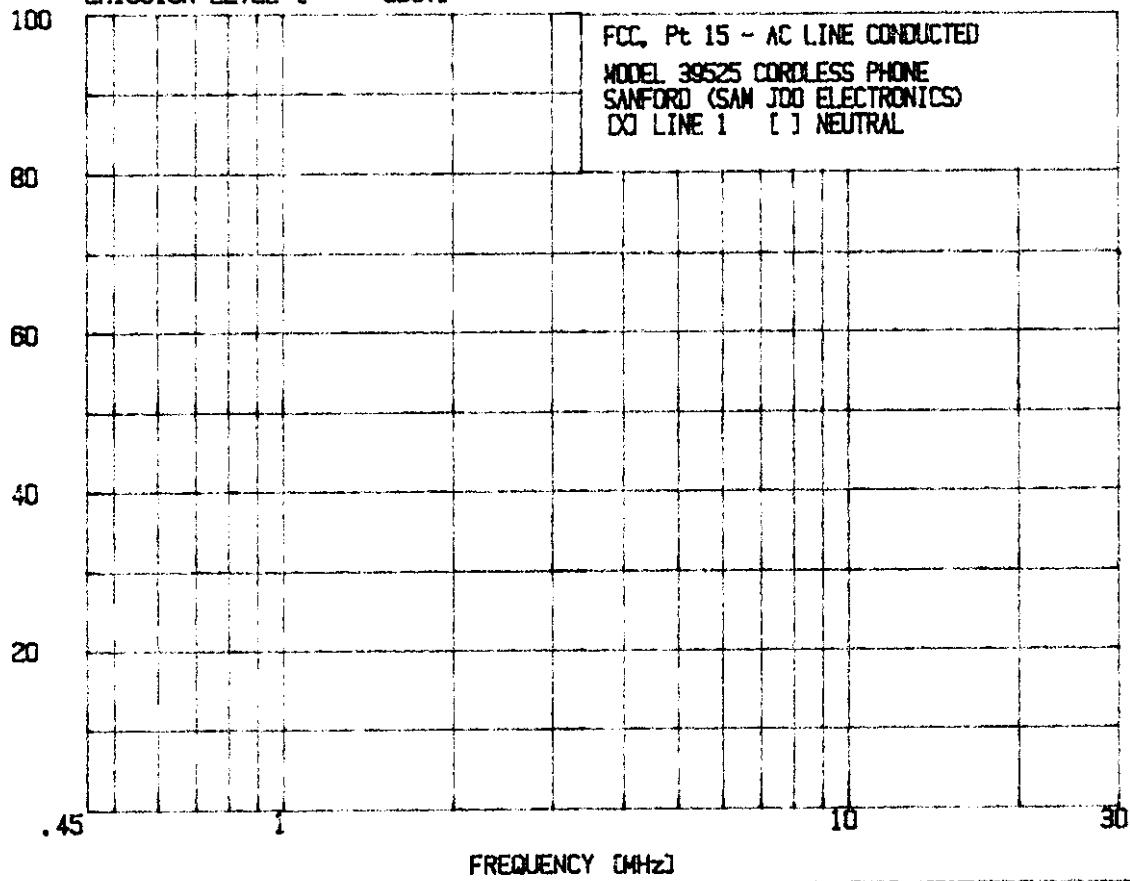
The data on the following pages list the significant emission frequencies, the limit and the margin of compliance.

**Results: Passed by 7.8 dB at 0.6062 MHz**

Note: a) A complete scan from 0.45 - 30 MHz was made.

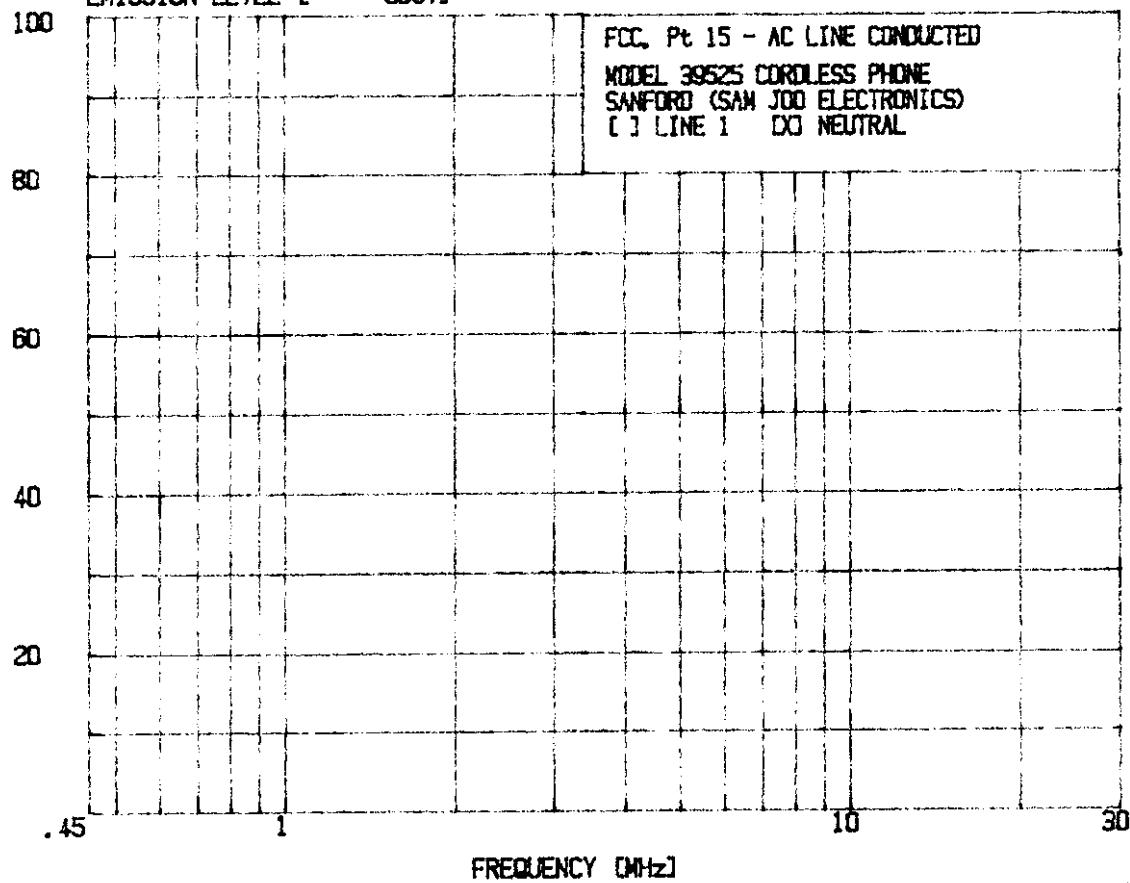
ITS, MENLO PARK, CA, USA  
EMISSION LEVEL [ dB<sub>UV</sub> ]

5 Jun 1998 10:54:41



ITS, MENLO PARK, CA, USA  
EMISSION LEVEL [ dB<sub>UV</sub> ]

5 Jun 1998 11:02:01



PEAKS FOUND ABOVE 100 MHz  
ITE, MEMPHIS, TN, USA 3 JUN 1986 11:40:41

3. FOC OFF, 4. FOC 15  
4.1 FOC, FOC 15, 4.2 LINE CONCENTRATED

MODEL: 30025 CORDLESS PHONE  
MANUFACTURER: TAIWAN ELECTRONICS  
LINE 1: 1.81 MULTIFAX

PEAKS FOUND ABOVE 100 MHz

PEAK# FREQUENCY (MHz) AMPLITUDE

1	147.03	36.7
2	147.45	36.2
3	147.84	36.2
4	147.93	36.4
5	148.41	36.3

PEAKS FOUND ABOVE 100 MHz  
ITE, MEMPHIS, TN, USA 3 JUN 1986 11:40:43

3. FOC OFF, 4. FOC 15  
4.1 FOC, FOC 15, 4.2 LINE CONCENTRATED

MODEL: 30025 CORDLESS PHONE  
MANUFACTURER: TAIWAN ELECTRONICS  
LINE 1: 1.81 MULTIFAX

PEAKS FOUND ABOVE 100 MHz

PEAK# FREQUENCY (MHz) AMPLITUDE

1	147.43	36.6
2	148.03	40.2
3	148.07	36.3
4	148.93	36.8

# Intertek Testing Services -Menlo Park

Shen Zhen Taifeng Electronic Co., Ltd., 900 MHz Cordless Telephone

Date of Test: May 6, 1998

FCC ID: NR839525

## 4.0 Out of Band Emission Plot

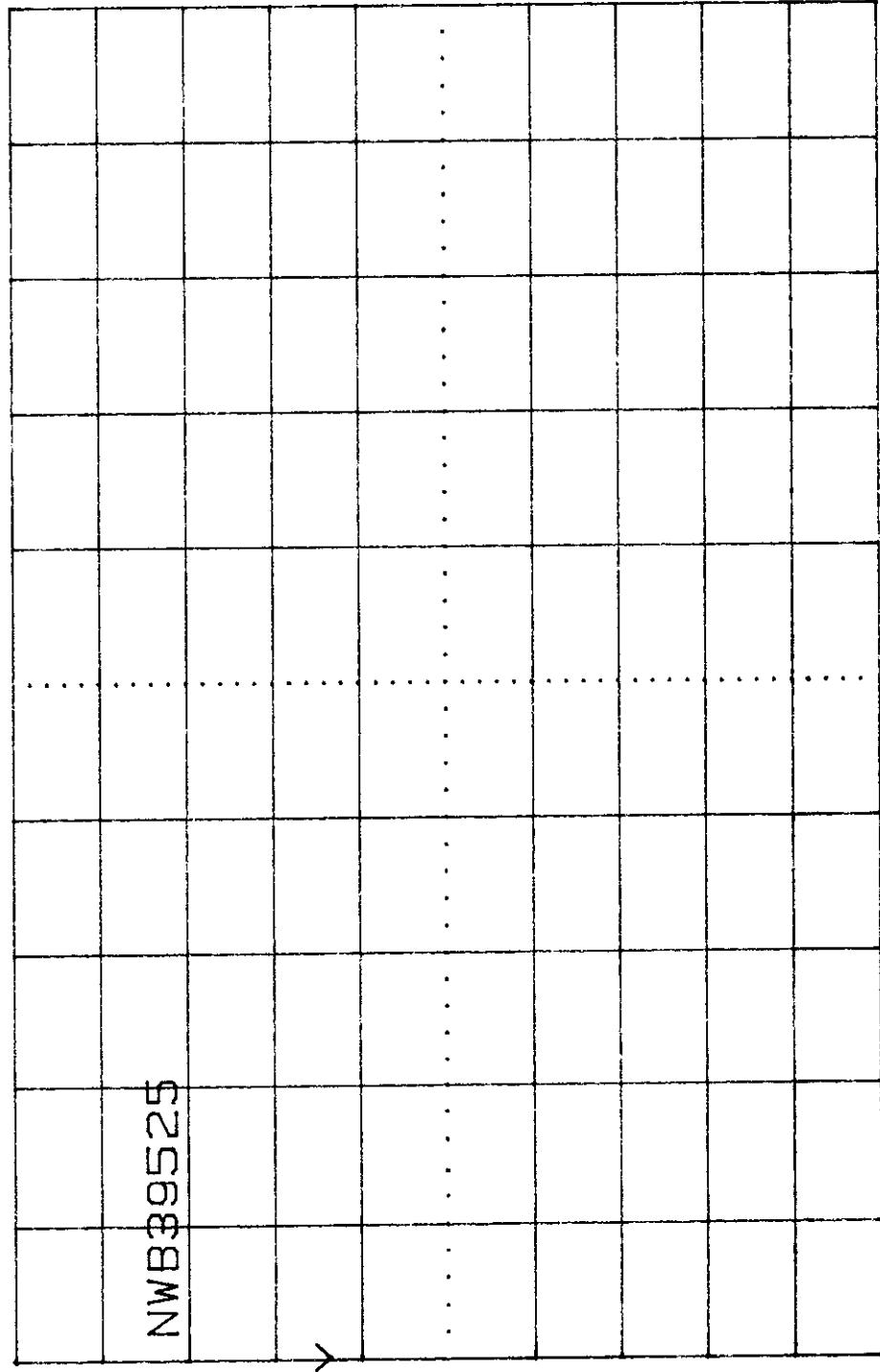
The following plots show the relative spurious emission level of the transmitter.

Plot #	Description
1	Base Unit @ Low Channel, 902MHz -928MHz
2	Base Unit @ Low Channel, 902MHz -902.5MHz
3	Hand Unit @ High Channel, 902MHz -928MHz
4	Hand Unit @ High Channel, 927.5MHz -928MHz

Mkr 902. 05MHz

-46. 40dBm

Ref Lv1 -10. 0dBm 10dB/ Atten 0dB



902. 00MHz

to

ResBW 10kHz VidBW 10kHz SWP 1. 5s

LEVEL SPAN TRIG 0 %

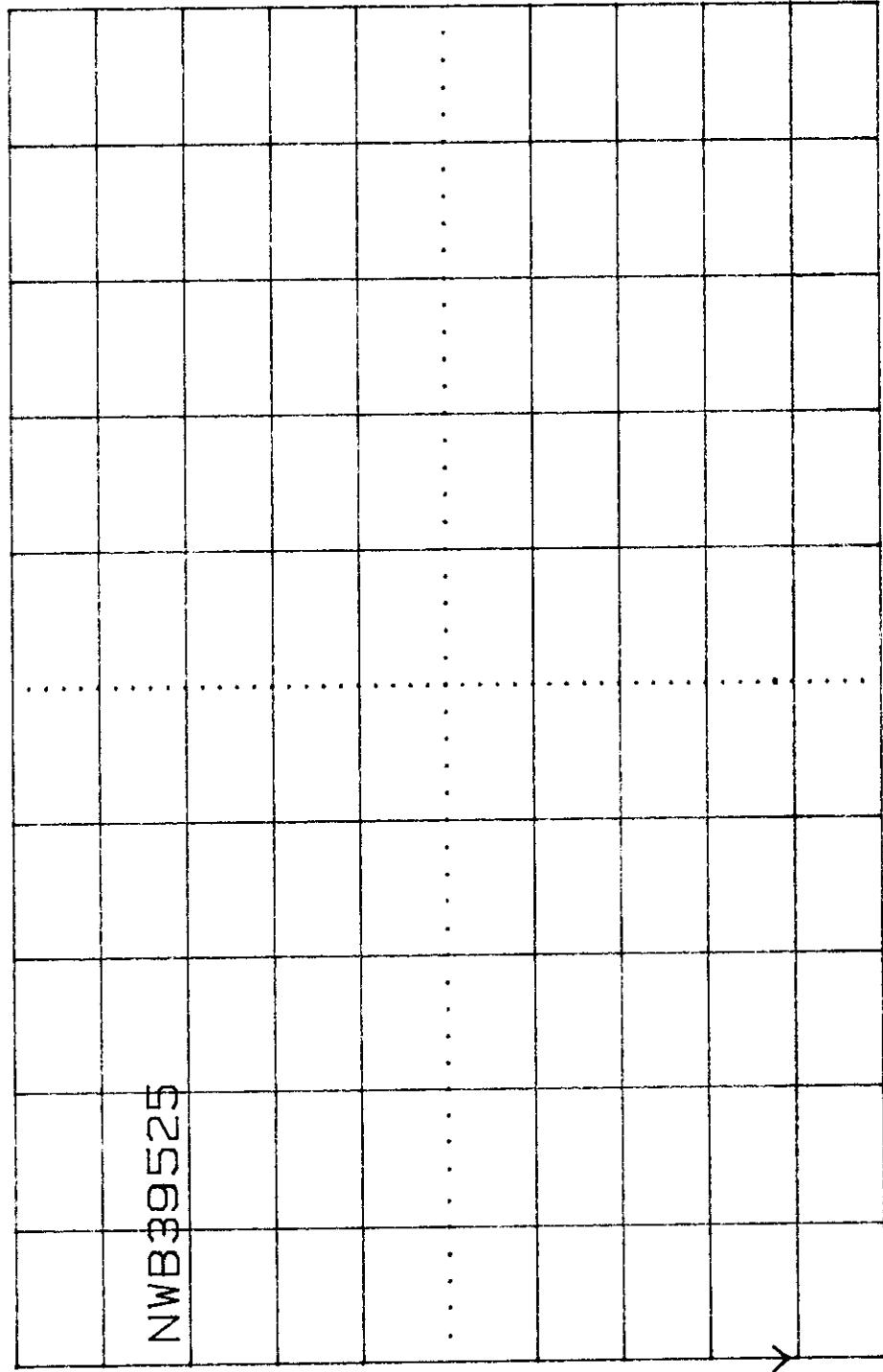
928. 00MHz

Plot #1

Mkr  $\Delta$  -28. 0kHz

$\Delta$ -65. 60dB

Ref Lv1 -10. 0dBm 10dB/ 10dB/ Atten 0dB



902. 000 0MHz

902. 500 0MHz

ResBW 10kHz VidBW 10kHz SWP 50mS

LEVEL SPAN Mkr 902. 000 0MHz

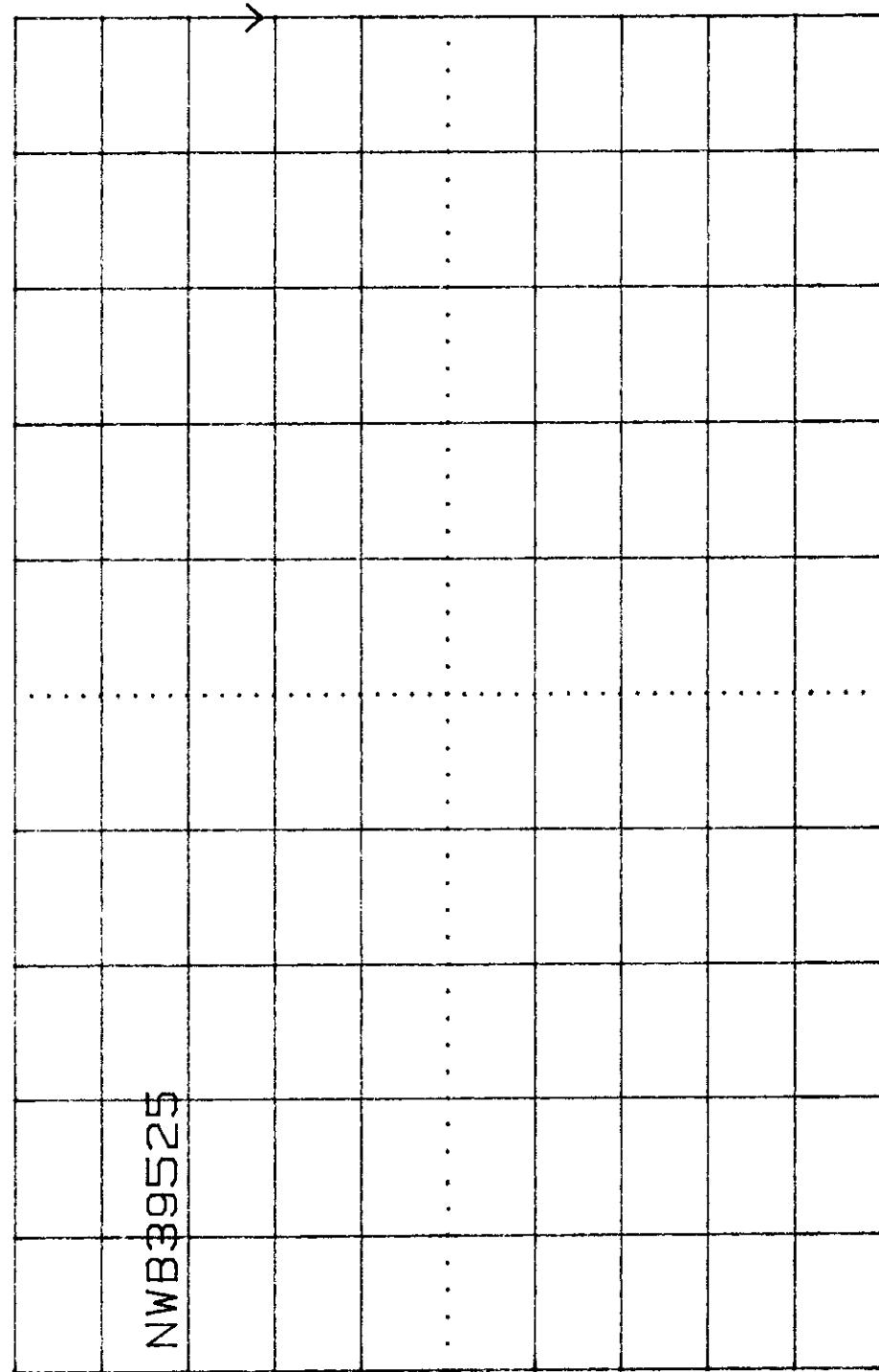
Plot #2

Mkr Δ 0. 02MHz

Δ15. 70dB

Ref Lv1 -10. 0dBm

10dB /



902. 00MHz

to

928. 00MHz

ResBW 10kHz V idBW 10kHz SWP 1. 5s

LEVEL  SPAN

Strt 902. 00MHz

Plot #3

Mkr A 24.5 kHz

△-66.10dB

Ref Lv1 -10. 0dBm 10dB/ Atten 0dB

927.500 DMHZ

四

928.000 MHz

ResBW 10kHz V idBW 10kHz SWP 50ms

SPAN  
LEVEL

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## 5.0 Antenna Requirement

<input checked="" type="checkbox"/>	The transmitter uses a permanently connected antenna.
<input type="checkbox"/>	The antenna is affixed to the EUT using a unique connector which allows for replacement of a broken antenna, but does NOT use a standard antenna jack or electrical connector.
<input type="checkbox"/>	The EUT requires professional installation. Please refer to the attached documentation for details).
<input type="checkbox"/>	

## **1) Security code system descriptions.**

The Excursion user a digital coding security system to prevent unauthorized use of your telephone line by other cordless phones nearby. The Excursion has 65,536 possible security code combinations. Each combination of the code is randomly generated every time the handset is picked up.

**Resetting Security Code and Channel Communication between the handset and the base unit may not be possible in any of the following situations:**

- 1. After a power failure.**
- 2. After relocating the base unit by disconnecting the AC adapter.**
- 3. The handset goes out of range from the base unit.**

**To reset, place the handset on the cradle of the base unit for two seconds.**

# Intertek Testing Services -Menlo Park

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Shen Zhen Taifeng Electronic Co., Ltd., 900 MHz Cordless Telephone      Date of Test: May 6, 1998  
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## 6.0 Equipment Photographs

Photographs of the EUT are attached.