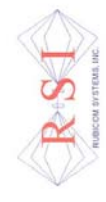
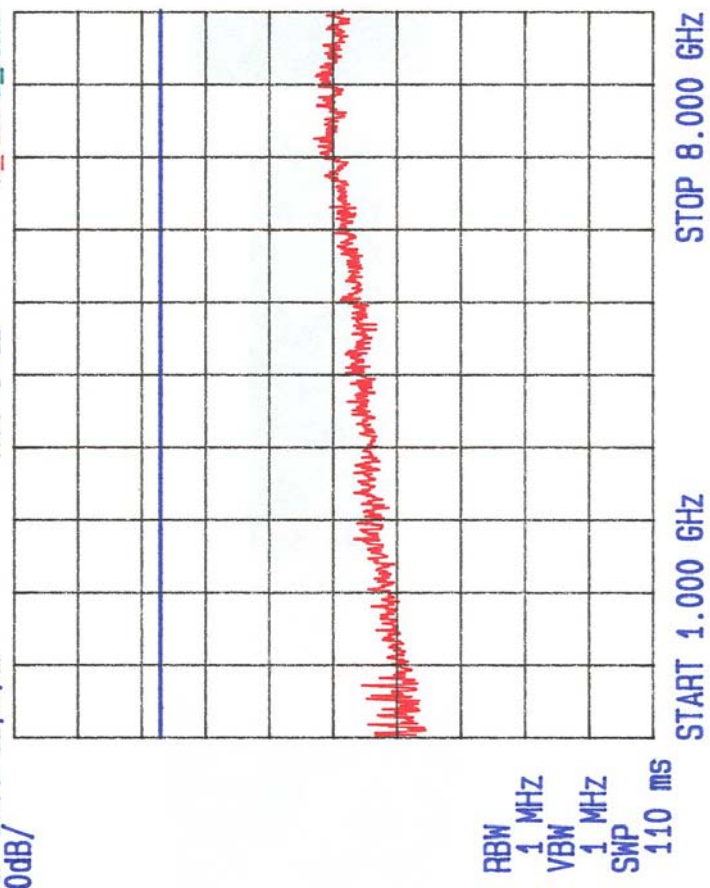


TEST: RADIATED PRESCAN EMISSIONS	EUT: VHF2100	S/N: 18J9V
FREQ: 1GHz-2GHz	SPEC: FCC PART 15	ANT. HT/POL: V
DETECTOR: PEAK	LINE UNDER TEST: N/A	EUT POSITION:
DATE: 11-5-03	TEST SITE: ROOM 1	TESTER: AB

REF 97.0 dB μ V/m
10dB/

ATT 0 dB

A_view B_blank



Data Sheet 6.2-1 - Conducted Harmonic Emissions (TX Mode: Voice)

Type Number: VHF-2100	Serial Number: 18J9V
Date Tested: 11/05/03	Tested By: Rubicom Systems, Inc.
Operating Frequency: 118MHz	NF = Noise Floor of Receiver

Spurious Output Frequency (MHz)	Test Antenna Level (dBμV)	Spurious Level (dBμV)	Margin (dB)	Requirement (dBμV)
118	149.25			
236	"	NF 78.5	> -20	106.25
354	"	NF 76.5	"	"
472	"	NF 75.0	"	"
590	"	NF 75.8	"	"
708	"	NF 76.3	"	"
826	"	NF 77.5	"	"
944	"	NF 77.5	"	"
1062	"	NF 76.5	"	"
1180	149.25	NF 77.0	> -20	106.25

Data Sheet 6.2-1 - Conducted Harmonic Emissions (TX Mode: Voice)

Type Number: VHF-2100	Serial Number: 18J9V
Date Tested: 11/05/03	Tested By: Rubicom Systems, Inc.
Operating Frequency: 127MHz	NF = Noise Floor of Receiver

Spurious Output Frequency (MHz)	Test Antenna Level (dBμV)	Spurious Level (dBμV)	Margin (dB)	Requirement (dBμV)
127	145.5			
254	"	NF 77.6	> -20	102.5
381	"	NF 77.0	"	"
508	"	NF 75.0	"	"
635	"	NF 75.5	"	"
762	"	NF 75.6	"	"
889	"	NF 77.2	"	"
1016	"	NF 76.2	"	"
1143	"	NF 76.0	"	"
1270	145.5	NF 77.7	> -20	102.5

Data Sheet 6.2-1 - Conducted Harmonic Emissions (TX Mode: Voice)

Type Number: VHF-2100	Serial Number: 18J9V
Date Tested: 11/05/03	Tested By: Rubicom Systems, Inc.
Operating Frequency: 127MHz	NF = Noise Floor of Receiver

Spurious Output Frequency (MHz)	Test Antenna Level (dBμV)	Spurious Level (dBμV)	Margin (dB)	Requirement (dBμV)
127	146.2			
254	"	NF 77.9	> -20	103.2
381	"	NF 76.5	"	"
508	"	NF 76.0	"	"
635	"	NF 75.9	"	"
762	"	NF 76.5	"	"
889	"	NF 76.5	"	"

1016	"	NF 76.9	"	"
1143	"	NF 77.5	"	"
1270	146.2	NF 77.5	> -20	103.2

Data Sheet 6.2-2 - Conducted Harmonic Emissions (TX Mode 2)

Type Number: VHF-2100	Serial Number: 18J9V
Date Tested: 11/05/03	Tested By: Rubicom Systems, Inc.
Operating Frequency: 118MHz	NF = Noise Floor of Receiver

Spurious Output Frequency (MHz)	Test Antenna Level (dBμV)	Spurious Level (dBμV)	Margin (dB)	Requirement (dBμV)
118	149.75			
236	"	NF 77.5	> -20	106.75
354	"	NF 78.0	"	"
472	"	NF 76.5	"	"
590	"	NF 77.2	"	"
708	"	NF 77.5	"	"
826	"	NF 77.0	"	"
944	"	NF 78.0	"	"
1062	"	NF 77.0	"	"
1180	149.75	NF 77.5	> -20	106.75

Data Sheet 6.2-2 - Conducted Harmonic Emissions (TX Mode 2)

Type Number: VHF-2100	Serial Number: 18J9V
Date Tested: 11/05/03	Tested By: Rubicom Systems, Inc.
Operating Frequency: 127MHz	NF = Noise Floor of Receiver

Spurious Output Frequency (MHz)	Test Antenna Level (dBμV)	Spurious Level (dBμV)	Margin (dB)	Requirement (dBμV)
127	146.2			
254	"	NF 77.5	> -20	103.2
381	"	NF 76.5	"	"
508	"	NF 76.5	"	"
635	"	NF 76.0	"	"
762	"	NF 76.0	"	"
889	"	NF 77.0	"	"
1016	"	NF 77.0	"	"
1143	"	NF 77.2	"	"
1270	146.2	NF 78.0	> -20	103.2

Data Sheet 6.2-2 - Conducted Harmonic Emissions (TX Mode 2)

Type Number: VHF-2100	Serial Number: 18J9V
Date Tested: 11/05/03	Tested By: Rubicom Systems, Inc.
Operating Frequency: 127MHz	NF = Noise Floor of Receiver

Spurious Output Frequency (MHz)	Test Antenna Level (dBμV)	Spurious Level (dBμV)	Margin (dB)	Requirement (dBμV)
127	145.5			
254	"	NF 76.7	> -20	102.5
381	"	NF 77.0	"	"
508	"	NF 76.7	"	"
635	"	NF 77.5	"	"
762	"	NF 76.8	"	"
889	"	NF 77.5	"	"

1016	"	NF 77.0	"	"
1143	"	NF 78.0	"	"
1270	145.5	NF 77.5	> -20	102.5

Data Sheet 6.2-3 - Conducted Harmonic Emissions (TX Mode 3)

Type Number: VHF-2100	Serial Number: 18J9V
Date Tested: 11/05/03	Tested By: Rubicom Systems, Inc.
Operating Frequency: 118MHz	NF = Noise Floor of Receiver

Spurious Output Frequency (MHz)	Test Antenna Level (dBμV)	Spurious Level (dBμV)	Margin (dB)	Requirement (dBμV)
118	148.3			
236	"	NF 78.7	> -20	105.3
354	"	NF 78.0	"	"
472	"	NF 77.5	"	"
590	"	NF 77.0	"	"
708	"	NF 76.5	"	"
826	"	NF 77.0	"	"
944	"	NF 77.4	"	"
1062	"	NF 77.8	"	"
1180	148.3	NF 77.5	> -20	105.3

Data Sheet 6.2-3 - Conducted Harmonic Emissions (TX Mode 3)

Type Number: VHF-2100	Serial Number: 18J9V
Date Tested: 11/05/03	Tested By: Rubicom Systems, Inc.
Operating Frequency: 127MHz	NF = Noise Floor of Receiver

Spurious Output Frequency (MHz)	Test Antenna Level (dBμV)	Spurious Level (dBμV)	Margin (dB)	Requirement (dBμV)
127	145.8			
254	"	NF 78.5	> -20	102.8
381	"	NF 77.5	"	"
508	"	NF 77.0	"	"
635	"	NF 77.3	"	"
762	"	NF 77.2	"	"
889	"	NF 77.3	"	"
1016	"	NF 77.8	"	"
1143	"	NF 78.0	"	"
1270	145.8	NF 77.5	> -20	102.8

Data Sheet 6.2-3 - Conducted Harmonic Emissions (TX Mode 3)

Type Number: VHF-2100	Serial Number: 18J9V
Date Tested: 11/05/03	Tested By: Rubicom Systems, Inc.
Operating Frequency: 127MHz	NF = Noise Floor of Receiver

Spurious Output Frequency (MHz)	Test Antenna Level (dBμV)	Spurious Level (dBμV)	Margin (dB)	Requirement (dBμV)
127	146.5			
254	"	NF 79.0	> -20	103.5
381	"	NF 77.0	"	"
508	"	NF 76.5	"	"
635	"	NF 76.5	"	"
762	"	NF 77.0	"	"
889	"	NF 77.7	"	"

1016	"	NF 76.8	"	"
1143	"	NF 78.0	"	"
1270	146.5	NF 77.5	> -20	103.5

APPENDIX A

COMPLIANCE LETTER

FEDERAL COMMUNICATIONS COMMISSION

Laboratory Division
7435 Oakland Mills Road
Columbia, MD 21046

November 08, 2002

Registration Number: 90911

Rubicom Systems, Inc.
284 West Drive, Suite B
Melbourne, FL 32904

Attention: Joseph Barbee

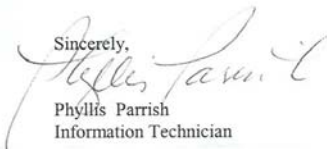
Re: Measurement facility located at Melbourne
3 meter site
Date of Renewal: November 08, 2002

Gentlemen:

Your request for renewal of the registration of the subject measurement facility has been received. The information submitted has been placed in your file and the registration has been renewed. The name of your organization will remain on the list of facilities whose measurement data will be accepted in conjunction with applications for Certification under Parts 15 or 18 of the Commission's Rules. Please note that the file must be updated for any changes made to the facility and the registration must be renewed at least every three years.

Measurement facilities that have indicated that they are available to the public to perform measurement services on a fee basis may be found on the FCC website www.fcc.gov under E-Filing, OET Equipment Authorization Electronic Filing, Test Firms.

Sincerely,


Phyllis Parrish
Information Technician

