

**3.5 FCC Part 15 Subpart C 15.247 Spurious Emissions****3.5.1 Equipment Used**

Test Equipment	Asset #	Serial #	Cal Date
Hewlett Packard 8566B Spectrum Analyzer	47	2637A04064	7/01
Hewlett Packard 8566 Display Analyzer Main	46	2648A14289	7/01
Hewlett Packard 85685A RF Preselector	48	2648A00483	7/01
EMCO 3115 Microwave Horn Antenna	376	2796	1/02

**3.5.2 Test Conditions**

Spurious Emissions measurements testing was performed with the OpenSky ISM Radio placed on top of a wooden turntable with its output connected to a spectrum analyzer. The OpenSky ISM Radio was configured to operate in the continuous full power mode of operation. The OpenSky ISM Radio was set up and powered by 48VDC.

The test was performed at the low, mid, and high frequencies.

**3.5.3 Test Method**

The test method of “Guidance on Measurements for Direct Sequence Spread Spectrum Systems” Appendix C of Docket No. 96-8 FCC 97-114 was followed.

The Spurious emissions of the OpenSky ISM Radio were measured with the output of the transceiver directly connected to the input of the Spectrum Analyzer.

**3.5.4 Results**

The M/A-Com OpenSky ISM Radio meets the spurious requirements of FCC Part 15 Subpart C 15.247.

### 3.5.5 Test Data

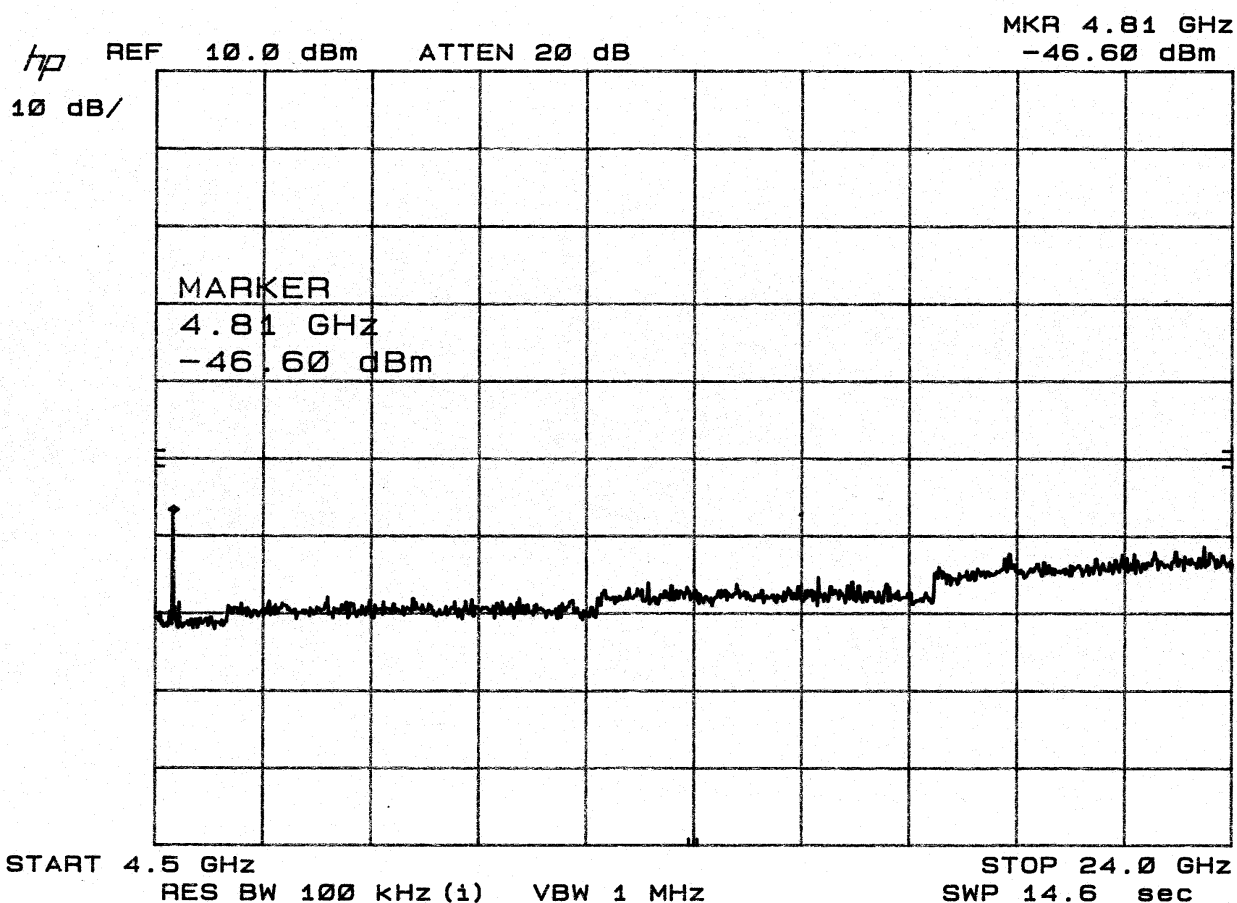
#### SPURIOUS MEASUREMENTS

CUSTOMER: M/A-COM  
EQUIPMENT: OPENSky ISM RADIO  
TESTED BY: ROBERT FOSTER  
OPERATING MODE: NORMAL

DATE: JUNE 7, 2001  
TEST NUMBER: 5  
PROCEDURE: 97-114  
Low Frequency

*Low Freq  
N/S*

*14*



## Test Data

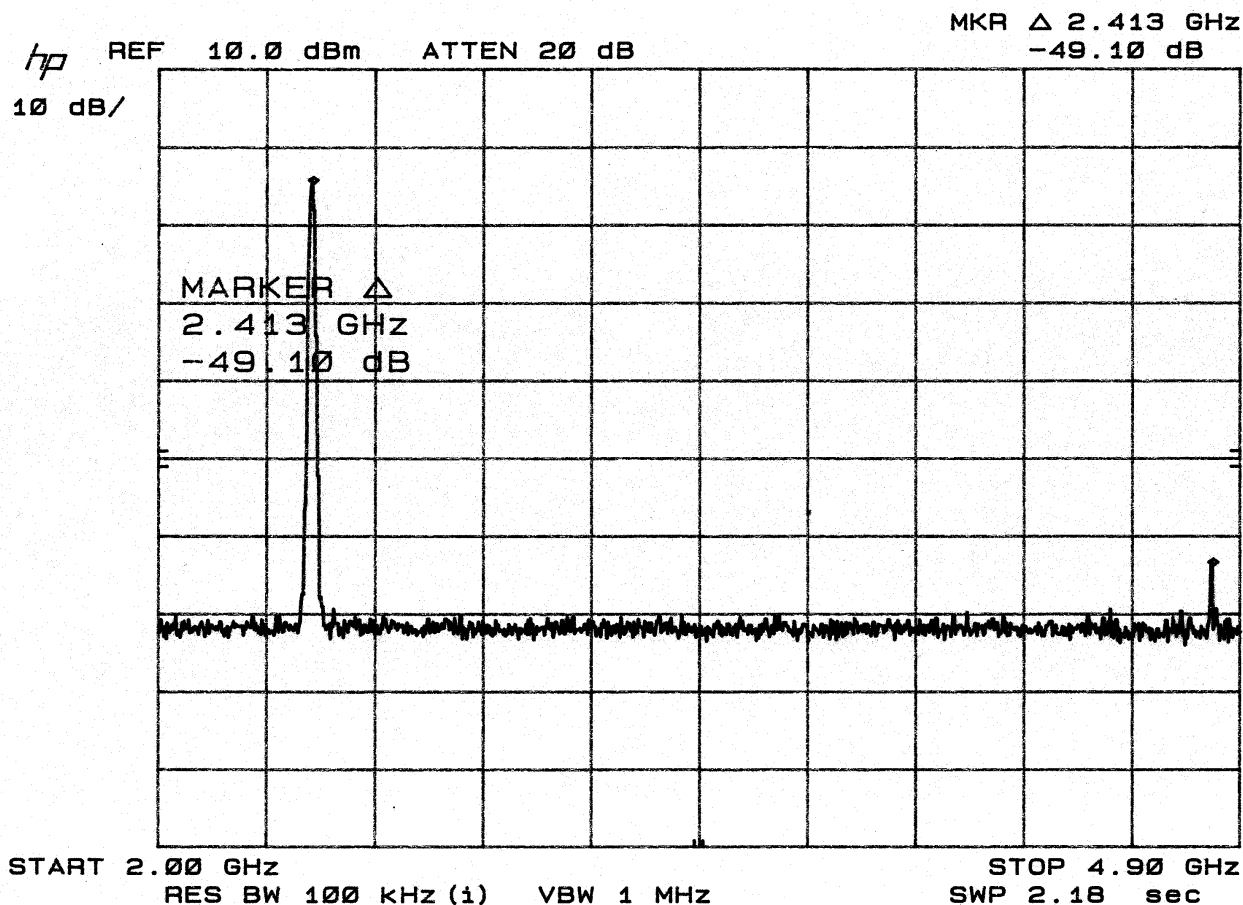
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EQUIPMENT: OPENSky ISM RADIO  
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OPERATING MODE: NORMAL

DATE: JUNE 7, 2001  
TEST NUMBER: 5  
PROCEDURE: 97-114  
Low Frequency

low END  
S/H

15



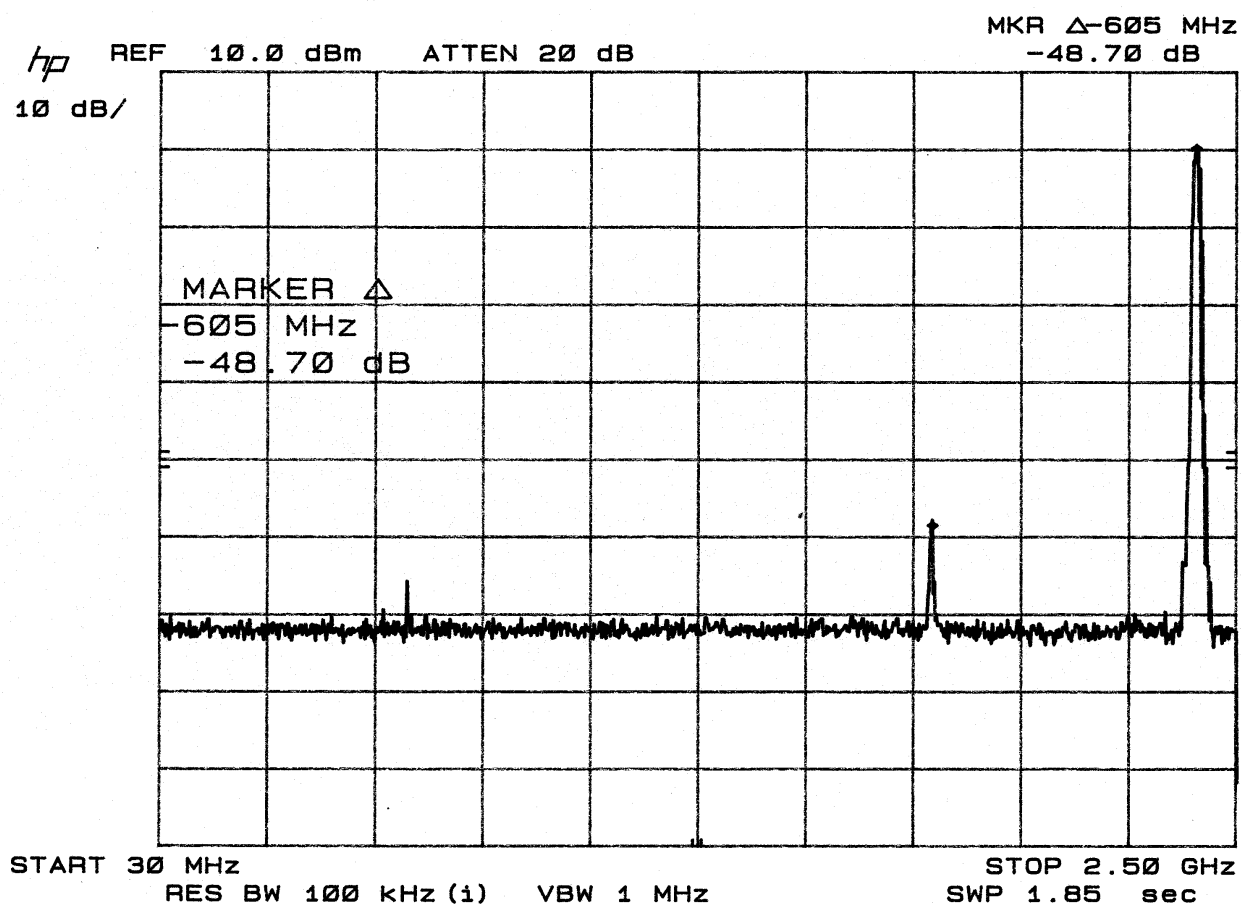
**Test Data****SPURIOUS MEASUREMENTS**

**CUSTOMER:** M/A-COM  
**EQUIPMENT:** OPENSky ISM RADIO  
**TESTED BY:** ROBERT FOSTER  
**OPERATING MODE:** NORMAL

**DATE:** JUNE 7, 2001  
**TEST NUMBER:** 5  
**PROCEDURE:** 97-114  
**Low Frequency**

Low ENO  
H

16



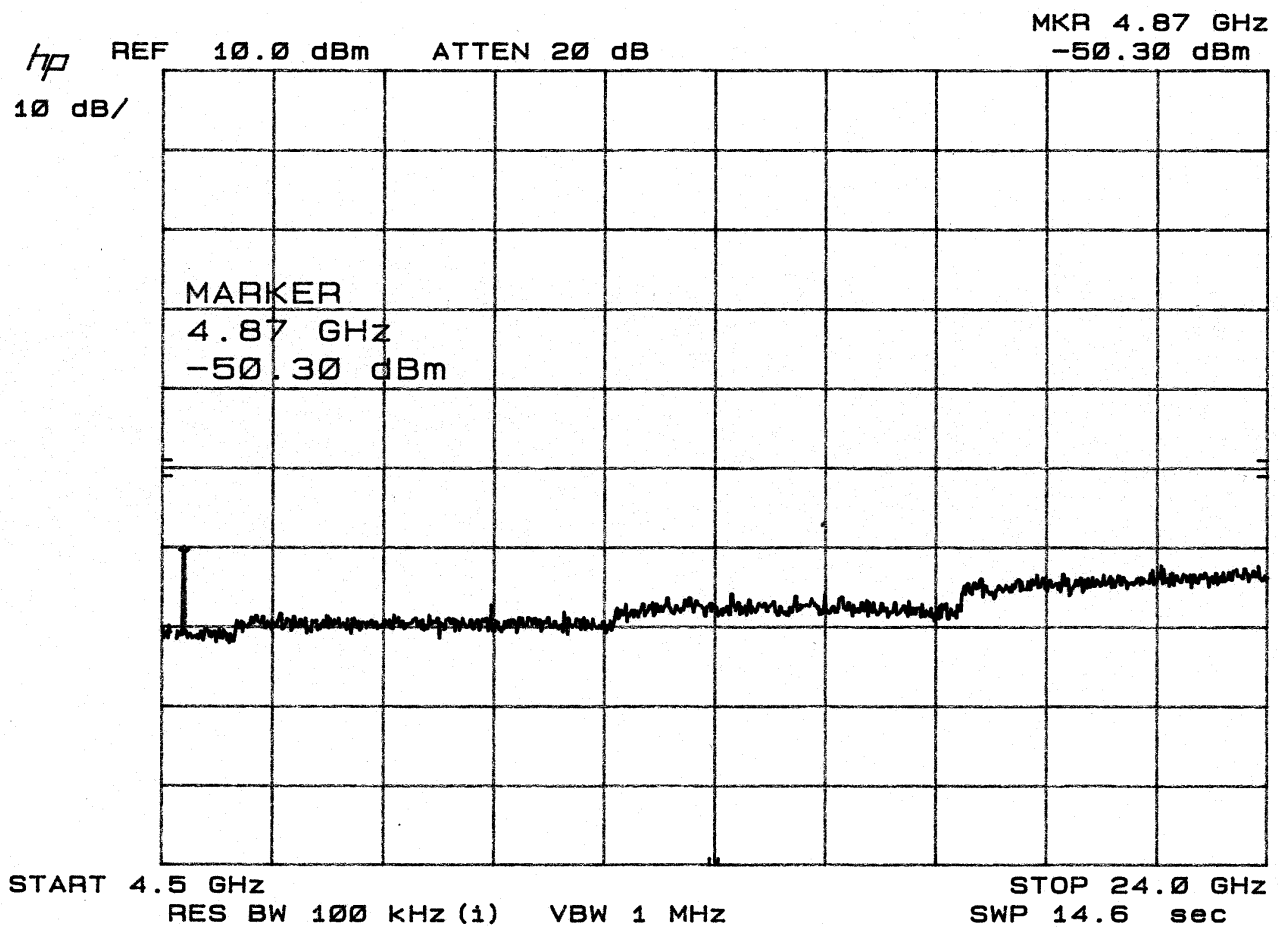
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**OPERATING MODE:** NORMAL

**DATE:** JUNE 7, 2001  
**TEST NUMBER:** 5  
**PROCEDURE:** 97-114  
**Mid. Frequency**

*min band  
H/S*

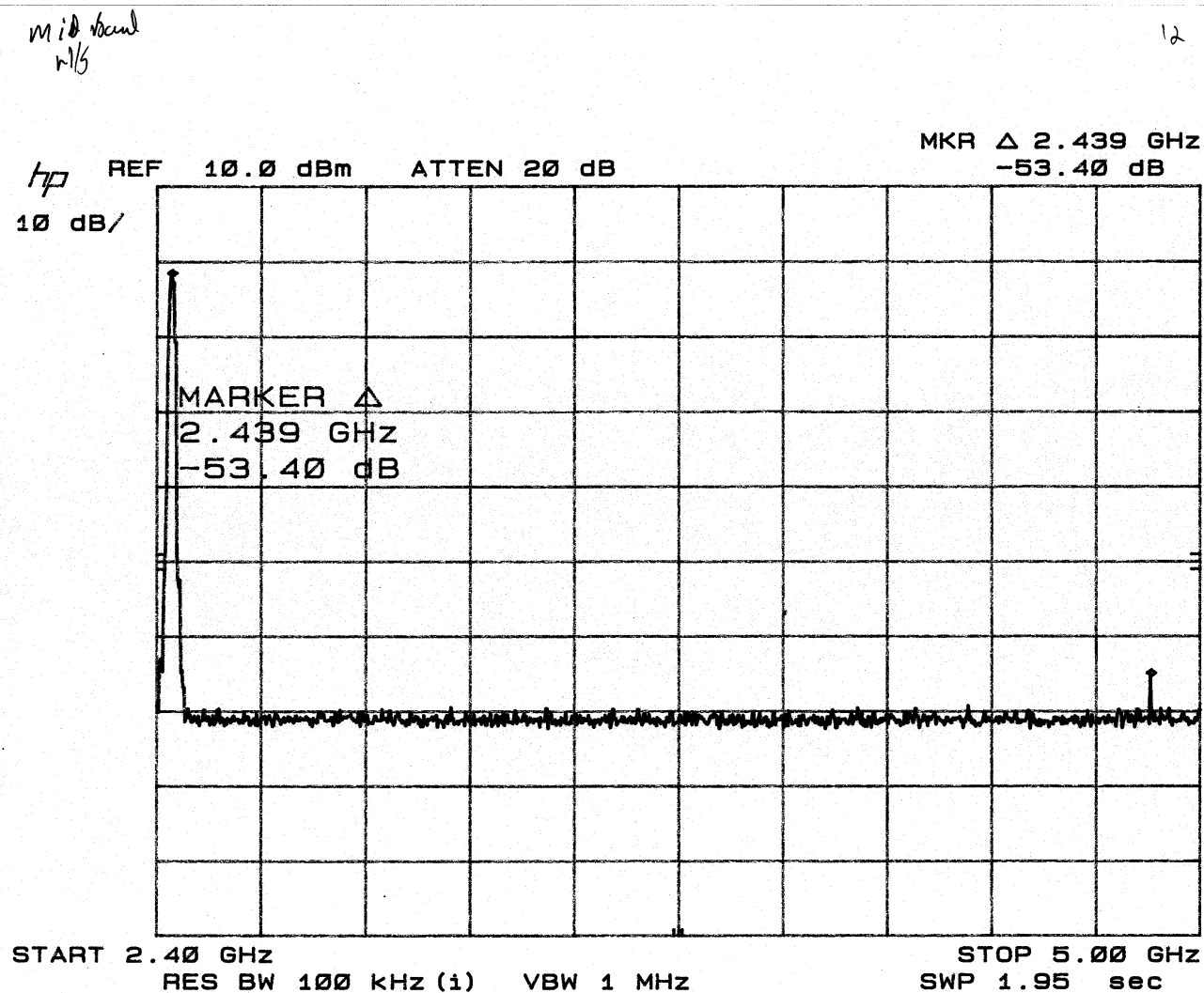
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**DATE:** JUNE 7, 2001  
**TEST NUMBER:** 5  
**PROCEDURE:** 97-114  
**Mid. Frequency**

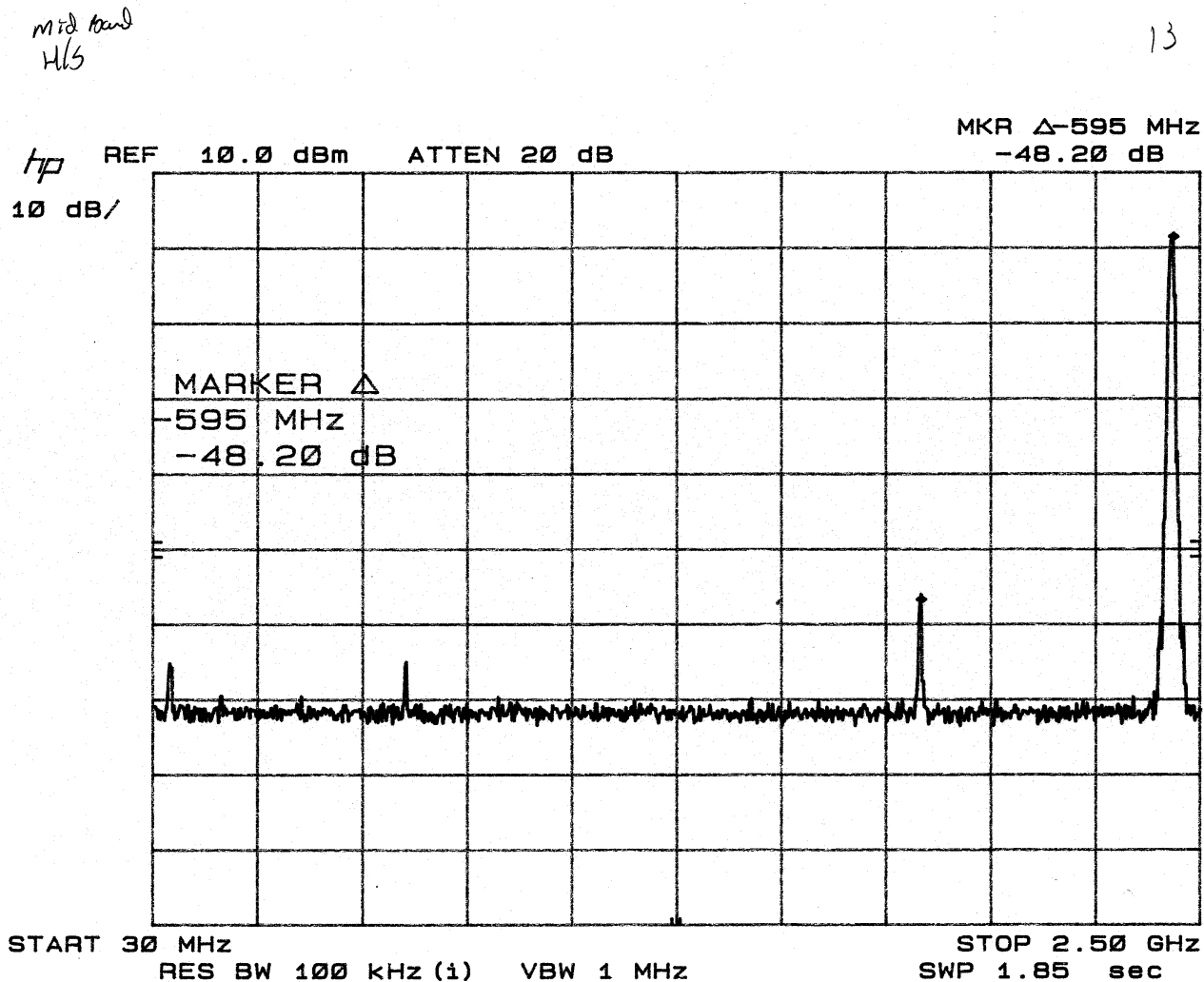


## Test Data

## SPURIOUS MEASUREMENTS

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TESTED BY: ROBERT FOSTER  
OPERATING MODE: NORMAL

DATE: JUNE 7, 2001  
TEST NUMBER: 5  
PROCEDURE: 97-114  
Mid. Frequency



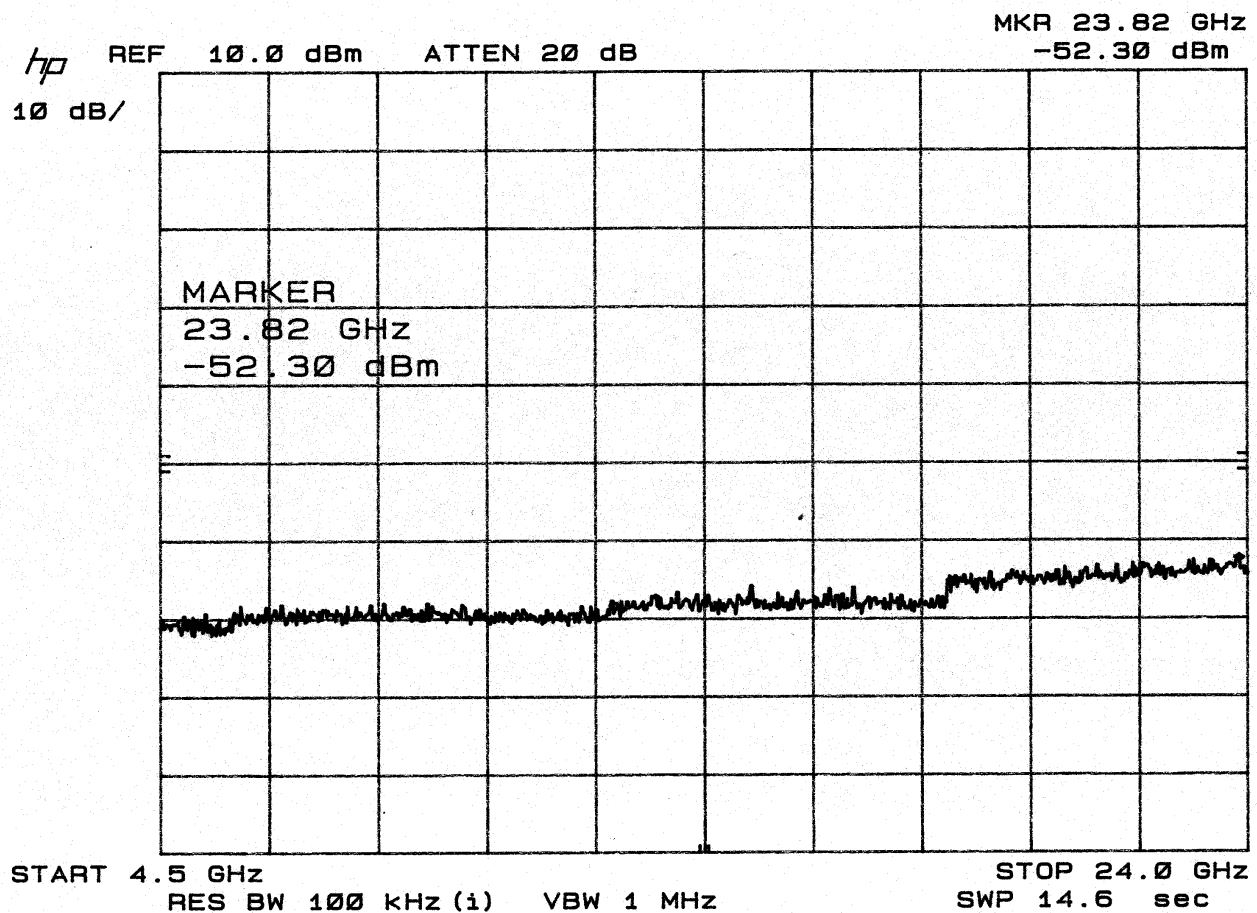
**Test Data****SPURIOUS MEASUREMENTS**

**CUSTOMER:** M/A-COM  
**EQUIPMENT:** OPENSky ISM RADIO  
**TESTED BY:** ROBERT FOSTER  
**OPERATING MODE:** NORMAL

**DATE:** JUNE 7, 2001  
**TEST NUMBER:** 5  
**PROCEDURE:** 97-114  
**High Frequency**

High Freq  
5/11

12

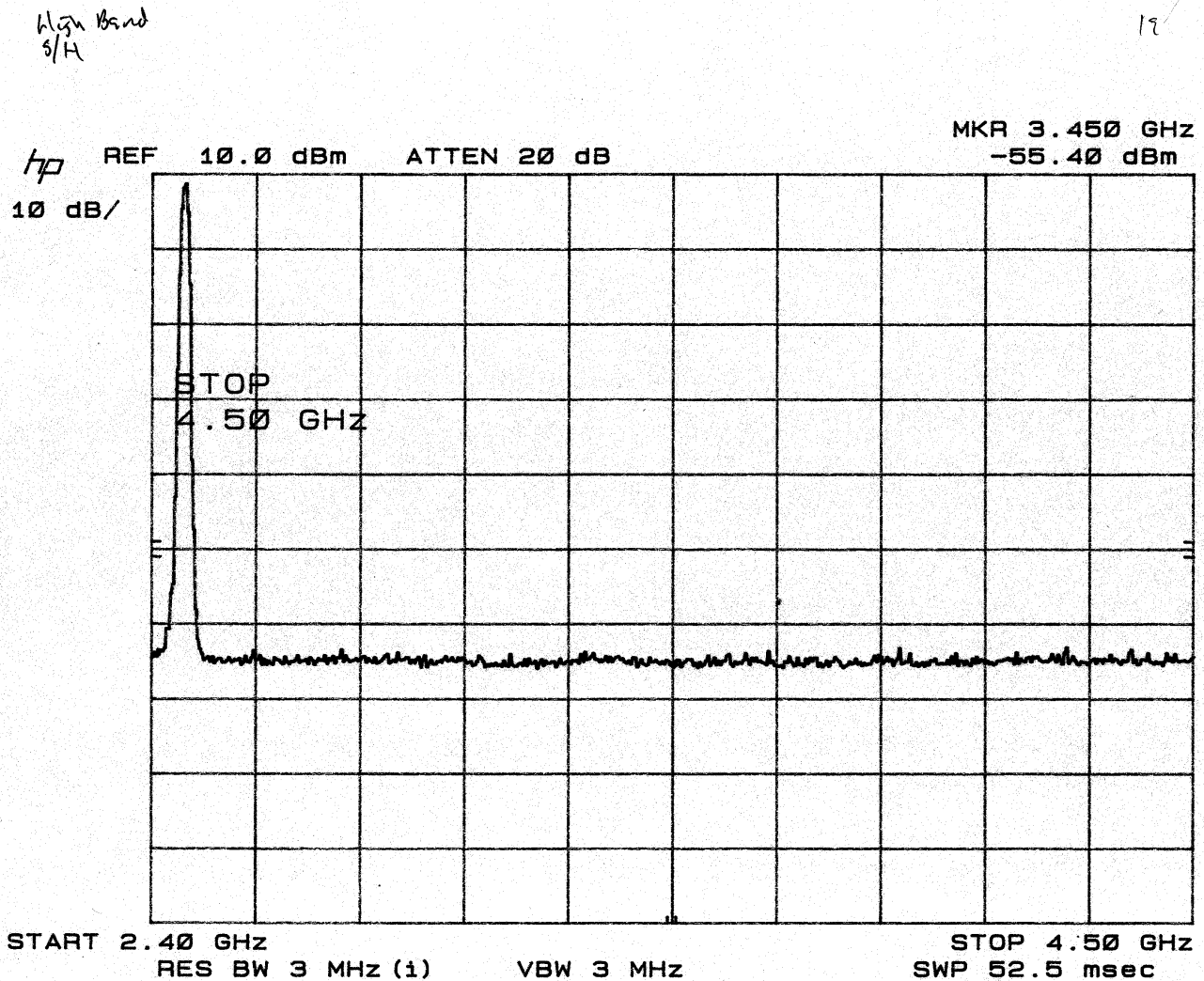




**Test Data****SPURIOUS MEASUREMENTS**

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**EQUIPMENT:** OPENSky ISM RADIO  
**TESTED BY:** ROBERT FOSTER  
**OPERATING MODE:** NORMAL

**DATE:** JUNE 7, 2001  
**TEST NUMBER:** 5  
**PROCEDURE:** 97-114  
**High Frequency**



## Test Data

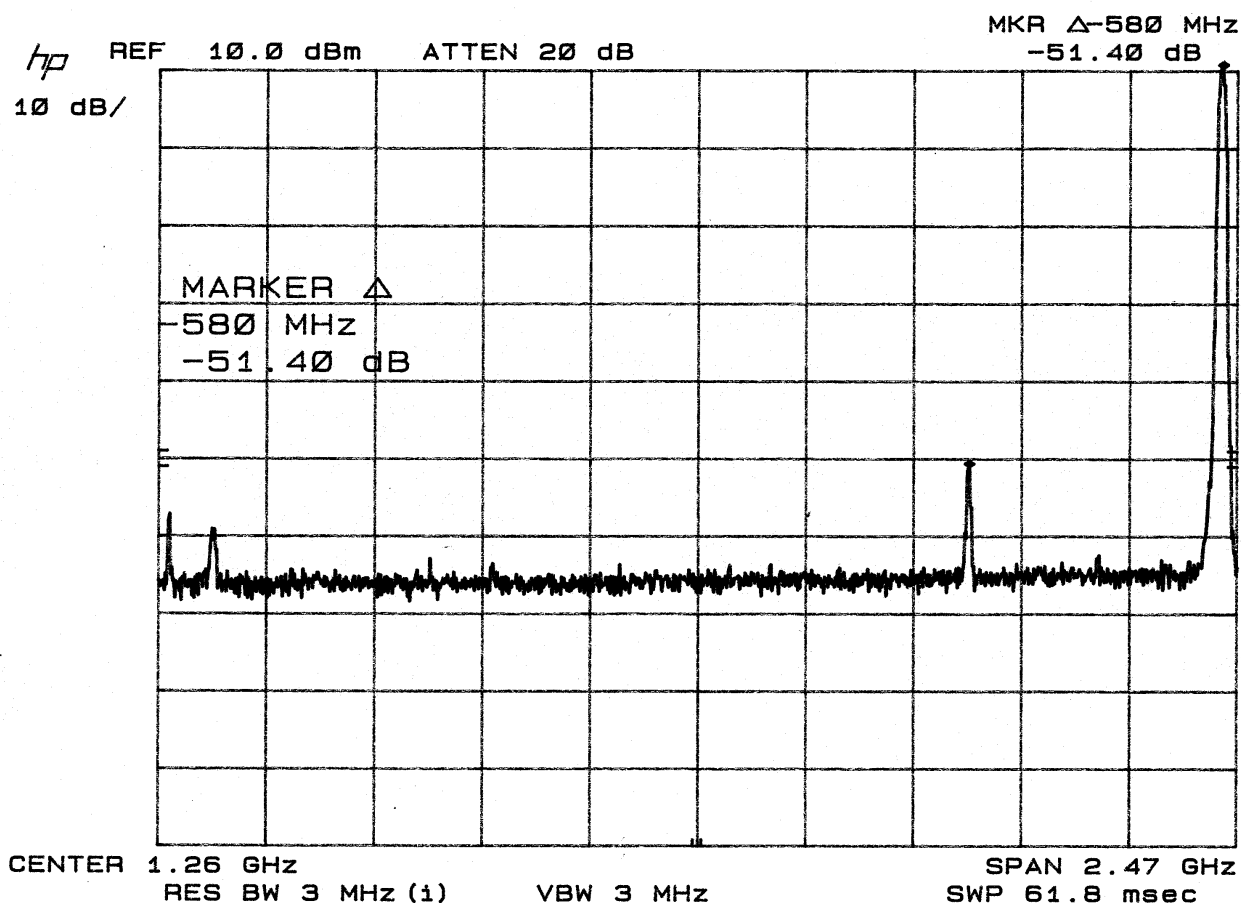
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DATE: JUNE 7, 2001  
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PROCEDURE: 97-114  
High Frequency

High Freq  
w/s

18



**Test Data****SPURIOUS MEASUREMENTS**

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**TEST NUMBER: 5**  
**PROCEDURE: 97-114**  
**High Frequency**

High Band  
S/H

20

