

**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

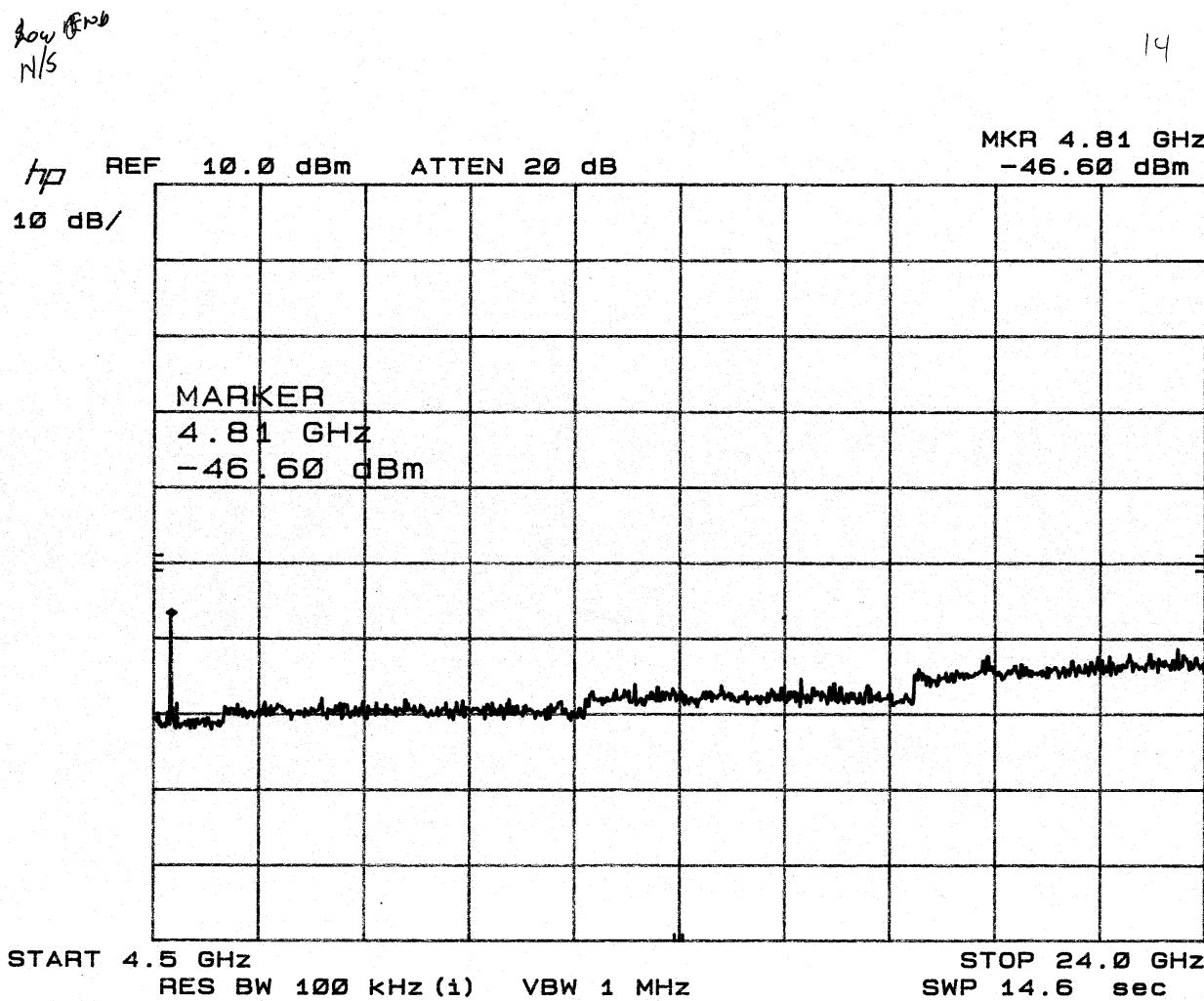
OPERATING MODE: NORMAL

DATE: JUNE 7, 2001

TEST NUMBER: 5

PROCEDURE: 97-114

Low Frequency



M/A-Com OpenSky ISM Radio  
Document #: TR3072.01  
Date: September 10, 2001

## Test Data

## SPURIOUS MEASUREMENTS

CUSTOMER: M/A-COM

DATE: JUNE 7, 2001

EQUIPMENT: OPENSKY ISM RADIO

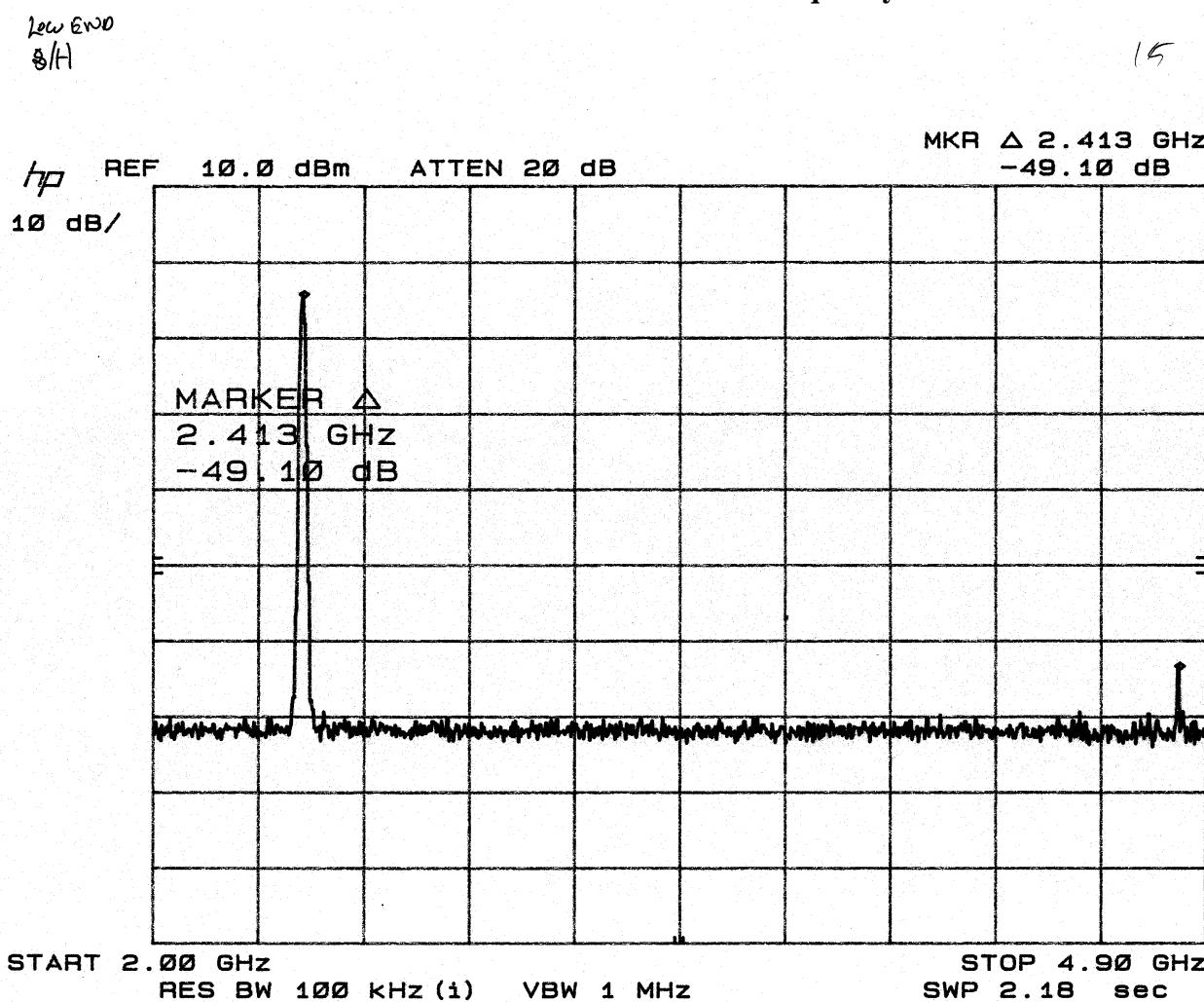
TEST NUMBER: 5

TESTED BY: ROBERT FOSTER

PROCEDURE: 97-114

OPERATING MODE: NORMAL

Low Frequency



M/A-Com OpenSky ISM Radio  
Document #: TR3072.01  
Date: September 10, 2001

## Test Data

## SPURIOUS MEASUREMENTS

CUSTOMER: M/A-COM

DATE: JUNE 7, 2001

EQUIPMENT: OPENSKY ISM RADIO

TEST NUMBER: 5

TESTED BY: ROBERT FOSTER

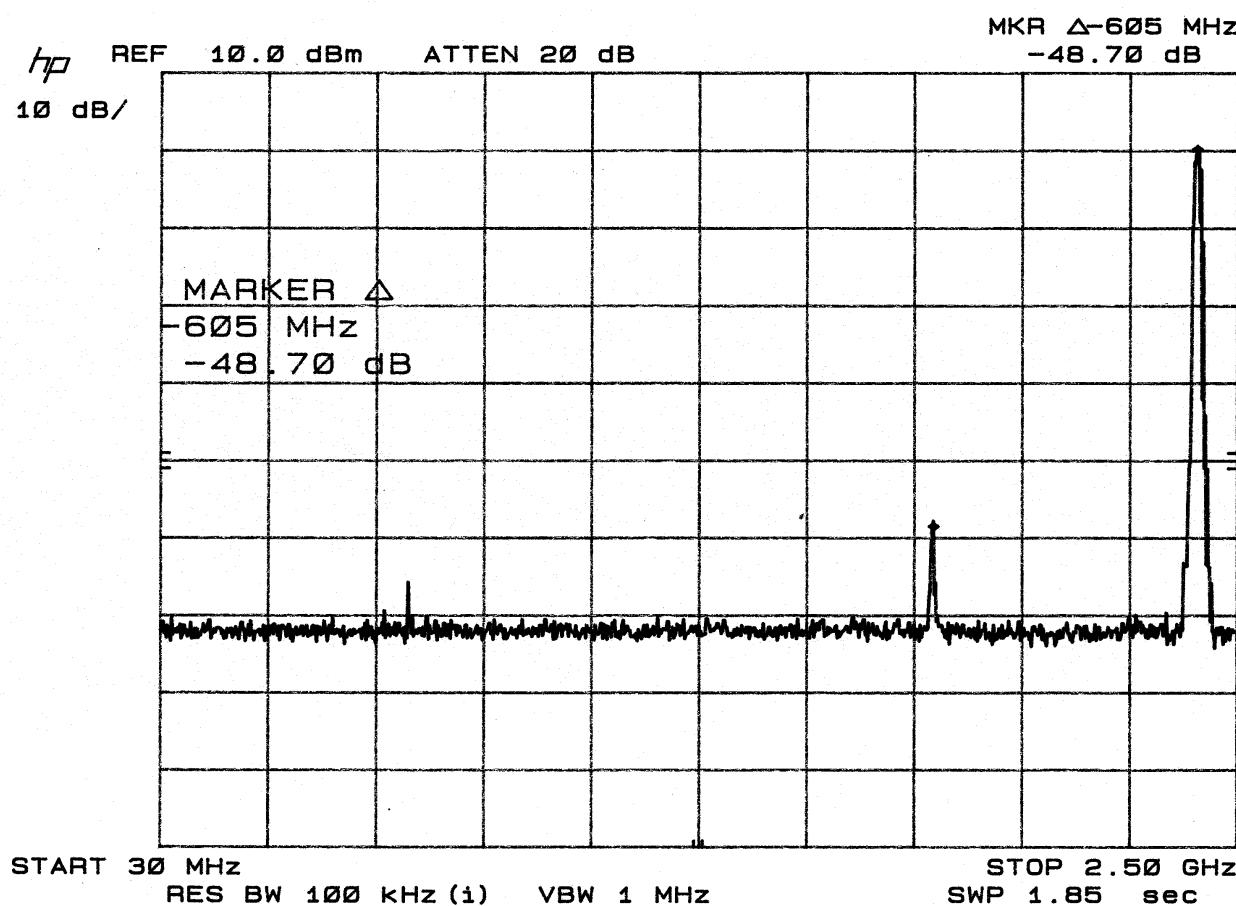
PROCEDURE: 97-114

OPERATING MODE: NORMAL

Low Frequency

Low ESD  
SH

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M/A-Com OpenSky ISM Radio  
Document #: TR3072.01  
Date: September 10, 2001

## Test Data

## SPURIOUS MEASUREMENTS

CUSTOMER: M/A-COM

DATE: JUNE 7, 2001

EQUIPMENT: OPENSKY ISM RADIO

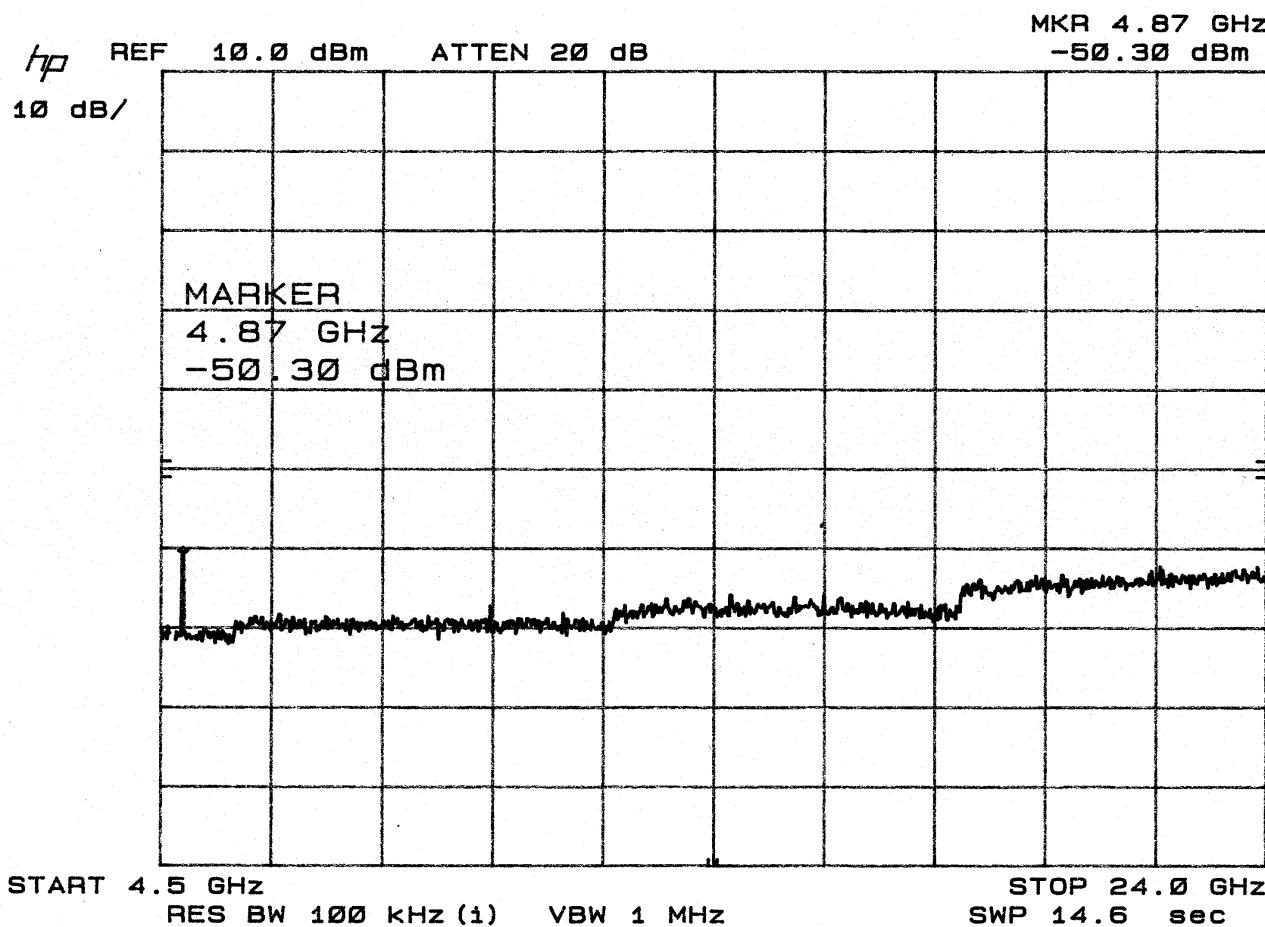
TEST NUMBER: 5

TESTED BY: ROBERT FOSTER

PROCEDURE: 97-114

OPERATING MODE: NORMAL

Mid. Frequency

Mid band  
N/S

M/A-Com OpenSky ISM Radio  
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## Test Data

## SPURIOUS MEASUREMENTS

CUSTOMER: M/A-COM

DATE: JUNE 7, 2001

EQUIPMENT: OPENSKY ISM RADIO

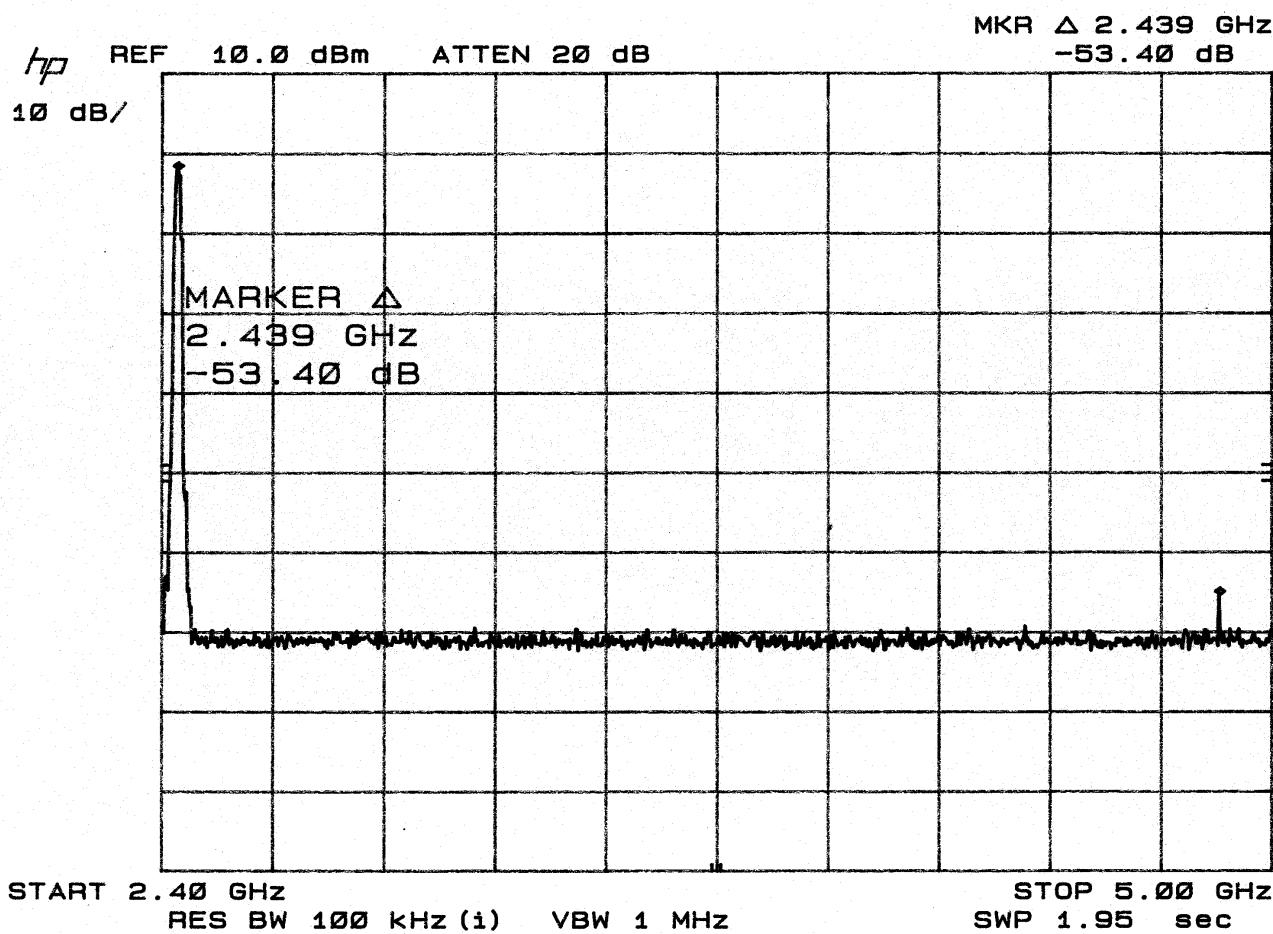
TEST NUMBER: 5

TESTED BY: ROBERT FOSTER

PROCEDURE: 97-114

OPERATING MODE: NORMAL

Mid. Frequency

Mid. band  
M/S

M/A-Com OpenSky ISM Radio  
Document #: TR3072.01  
Date: September 10, 2001

## Test Data

## SPURIOUS MEASUREMENTS

CUSTOMER: M/A-COM

DATE: JUNE 7, 2001

EQUIPMENT: OPENSKY ISM RADIO

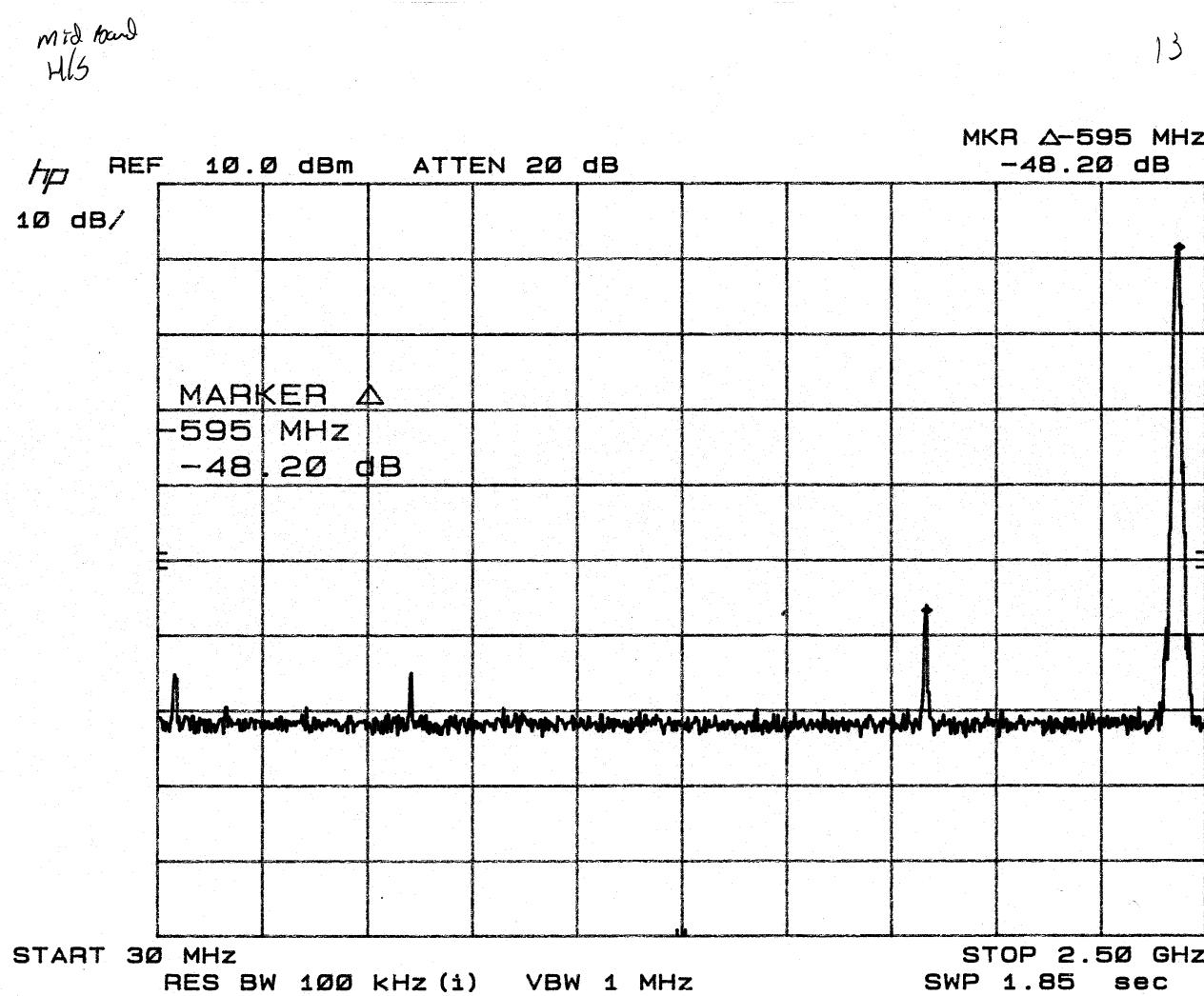
TEST NUMBER: 5

TESTED BY: ROBERT FOSTER

PROCEDURE: 97-114

OPERATING MODE: NORMAL

Mid. Frequency



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## Test Data

## SPURIOUS MEASUREMENTS

CUSTOMER: M/A-COM

DATE: JUNE 7, 2001

EQUIPMENT: OPENSKY ISM RADIO

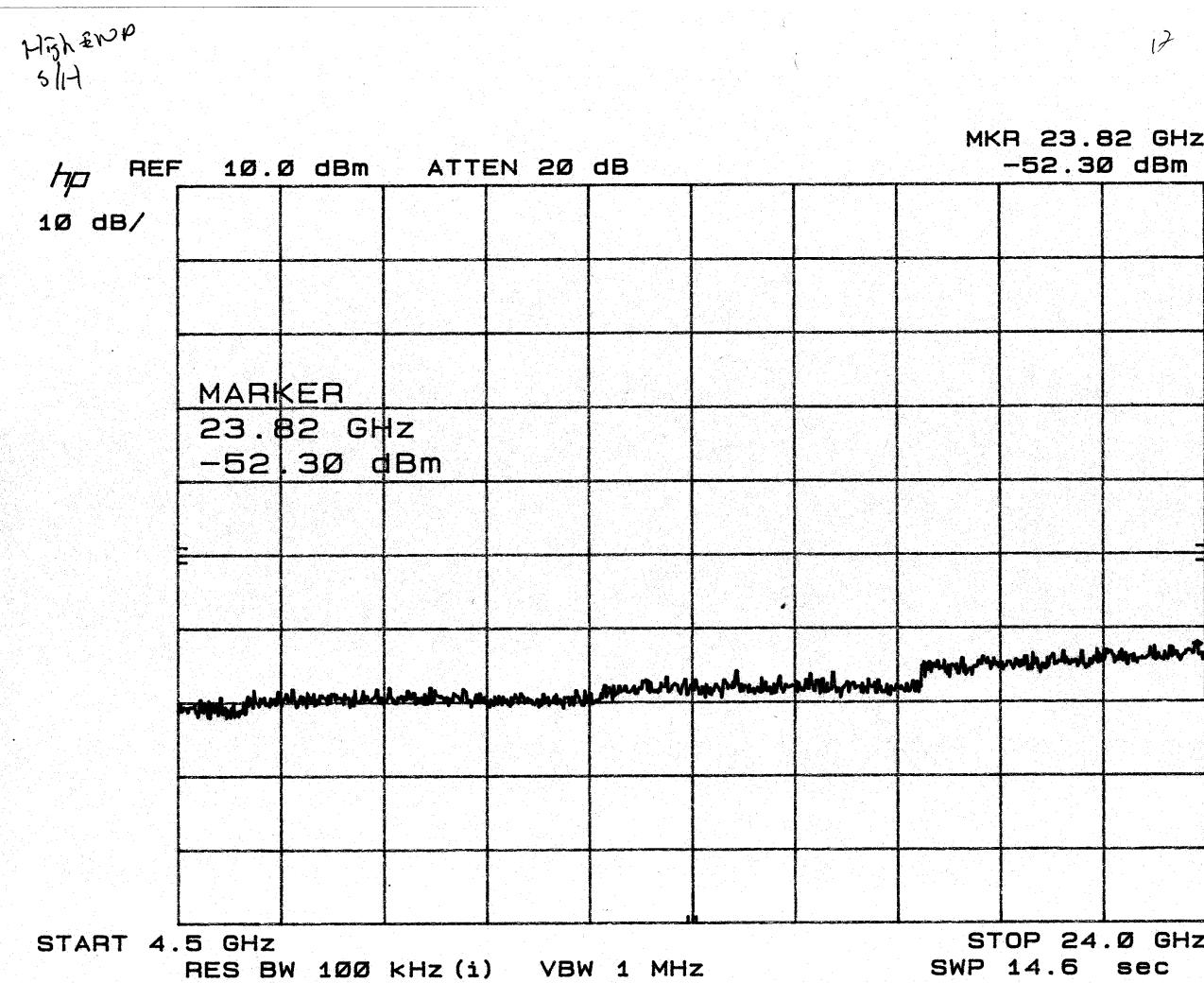
TEST NUMBER: 5

TESTED BY: ROBERT FOSTER

PROCEDURE: 97-114

OPERATING MODE: NORMAL

High Frequency



M/A-Com OpenSky ISM Radio  
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## Test Data

## SPURIOUS MEASUREMENTS

CUSTOMER: M/A-COM

DATE: JUNE 7, 2001

EQUIPMENT: OPENSKY ISM RADIO

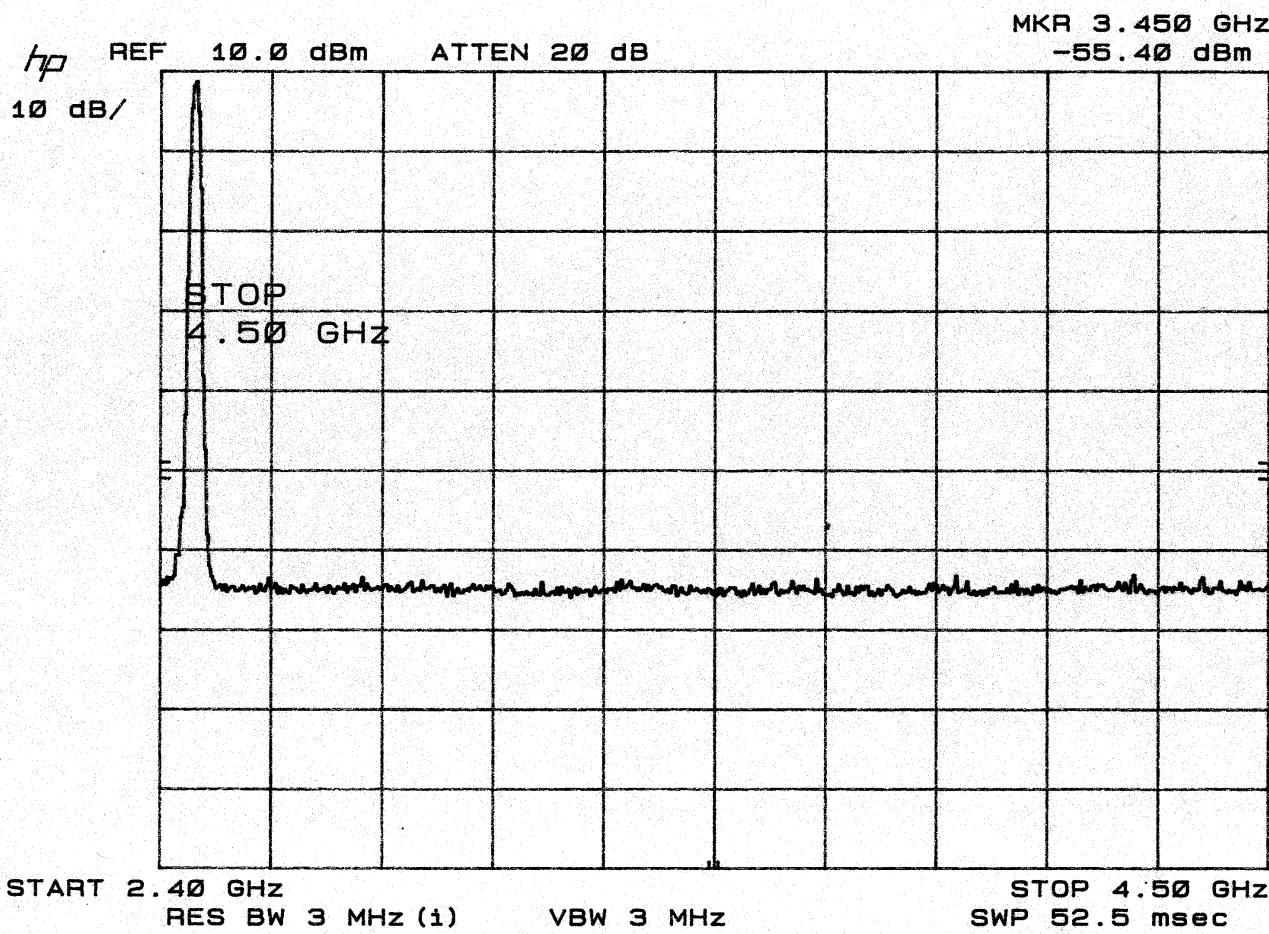
TEST NUMBER: 5

TESTED BY: ROBERT FOSTER

PROCEDURE: 97-114

OPERATING MODE: NORMAL

High Frequency

High Band  
S/H

M/A-Com OpenSky ISM Radio  
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## Test Data

## SPURIOUS MEASUREMENTS

CUSTOMER: M/A-COM

DATE: JUNE 7, 2001

EQUIPMENT: OPENSKY ISM RADIO

TEST NUMBER: 5

TESTED BY: ROBERT FOSTER

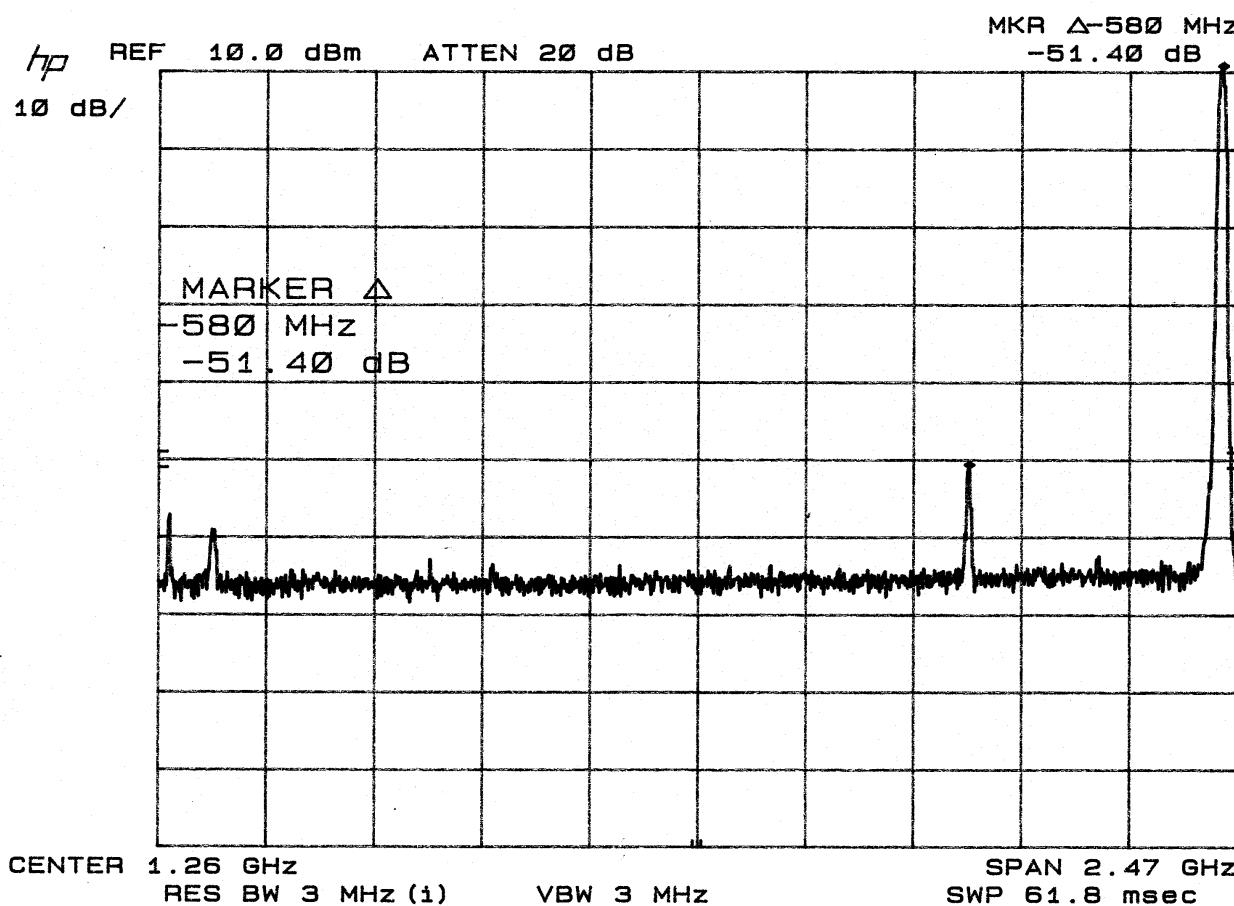
PROCEDURE: 97-114

OPERATING MODE: NORMAL

High Frequency

High Freq  
N/S

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## Test Data

## SPURIOUS MEASUREMENTS

CUSTOMER: M/A-COM

DATE: JUNE 7, 2001

EQUIPMENT: OPENSKY ISM RADIO

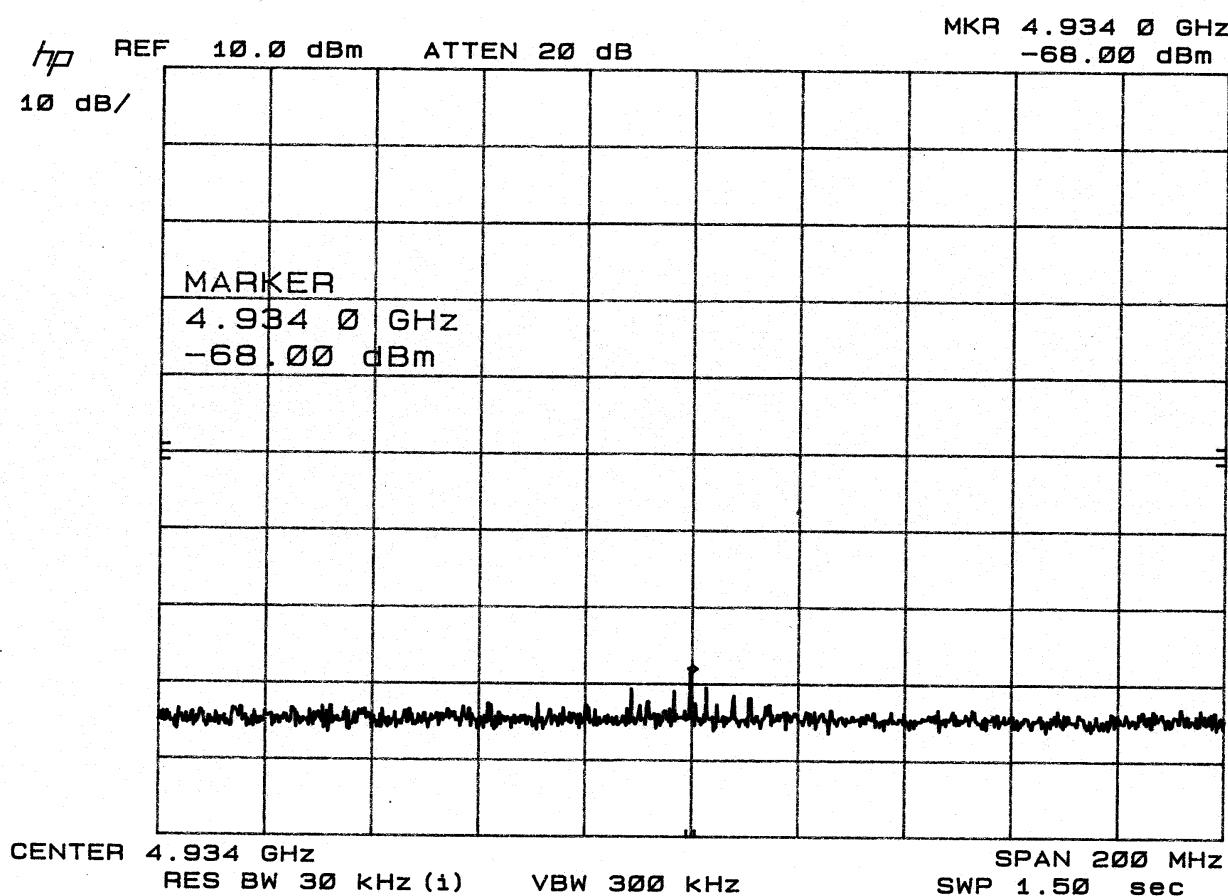
TEST NUMBER: 5

TESTED BY: ROBERT FOSTER

PROCEDURE: 97-114

OPERATING MODE: NORMAL

High Frequency

High Band  
S/H

M/A-Com OpenSky ISM Radio  
Document #: TR3072.01  
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