

3.2 FCC Part 15 Subpart C 15.247 Bandwidth

3.2.1 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

3.2.2 Test Conditions

Bandwidth measurements testing was performed with the OpenSky ISM Radio set up on a wooden table above the turntable with the output connected to the spectrum analyzer with the output connected to the 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 frequency.

3.2.3 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 bandwidth of the Transceiver Tower was measured with the output of the transceiver directly connected to the in put of the Spectrum Analyzer.

3.2.4 Results

The M/A-Com OpenSky ISM Radio meets the bandwidth requirements of FCC Part 15 Subpart C 15.247 bandwidth requirements. The bandwidth of the ISM radio is 6MHz.

3.2.5 Test Data

BANDWIDTH MEASUREMENTS

CUSTOMER: M/A-COM

EQUIPMENT: OPENSKY ISM RADIO

TESTED BY: ROBERT FOSTER

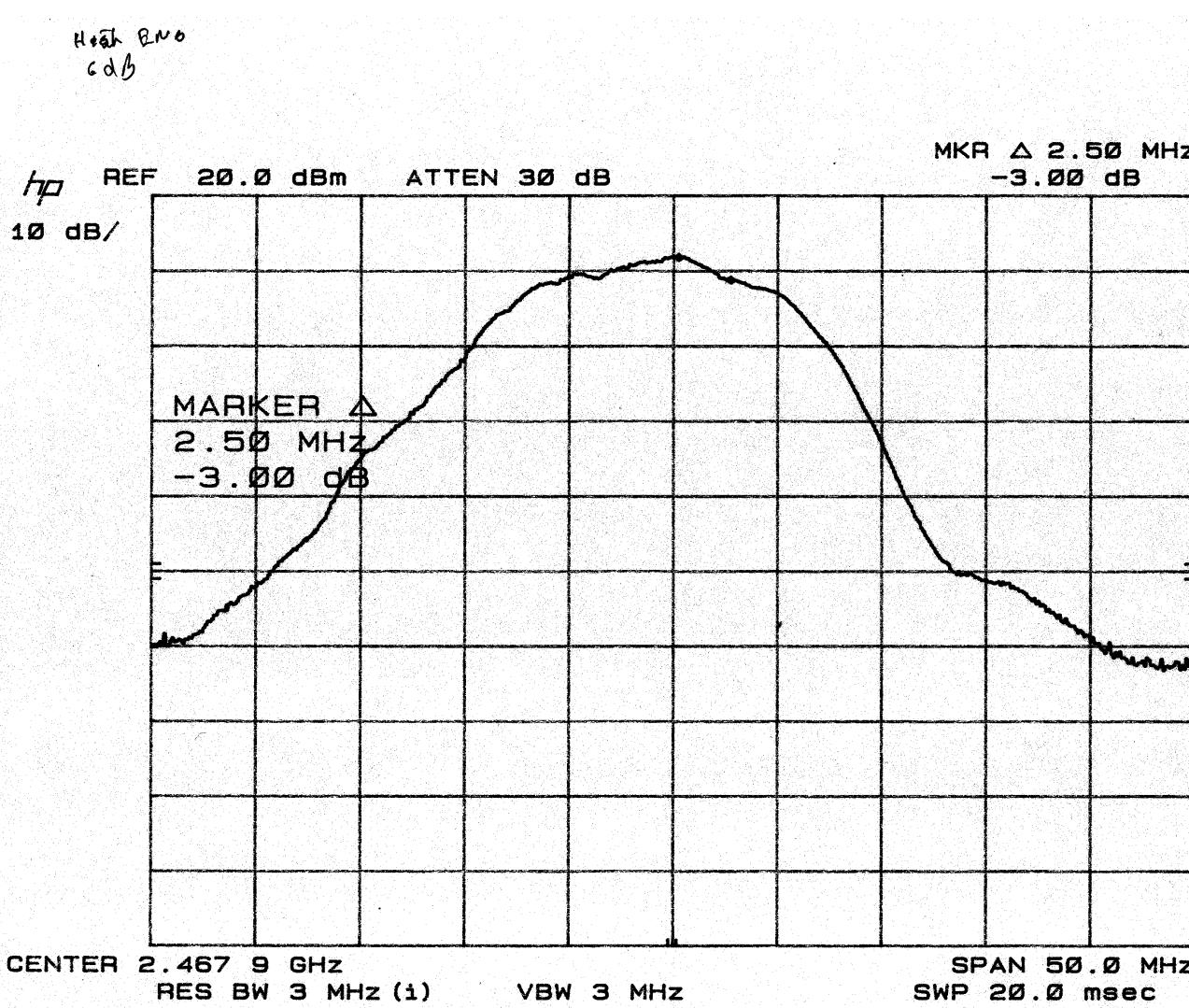
OPERATING MODE: CONTINUOUS TRANSMISSION

DATE: JUNE 7, 2001

TEST NUMBER: 2

PROCEDURE: 97-114

High Frequency



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

BANDWIDTH MEASUREMENTS

CUSTOMER: M/A-COM

DATE: JUNE 7, 2001

EQUIPMENT: OPENSKY ISM RADIO

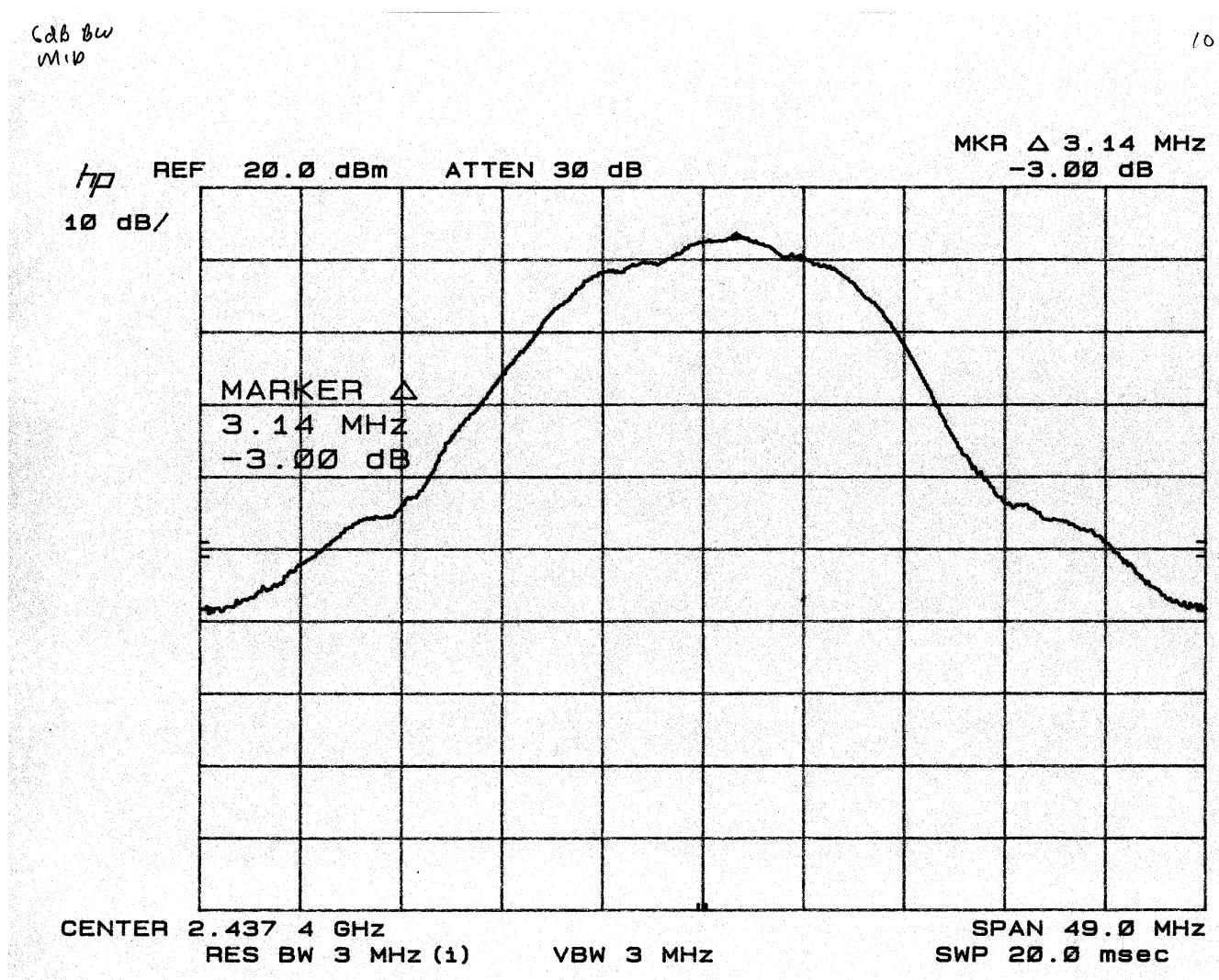
TEST NUMBER: 2

TESTED BY: ROBERT FOSTER

PROCEDURE: 97-114

OPERATING MODE: CONTINUOUS TRANSMISSION

Mid. Frequency



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BANDWIDTH MEASUREMENTS

CUSTOMER: M/A-COM

DATE: JUNE 7, 2001

EQUIPMENT: OPENSKY ISM RADIO

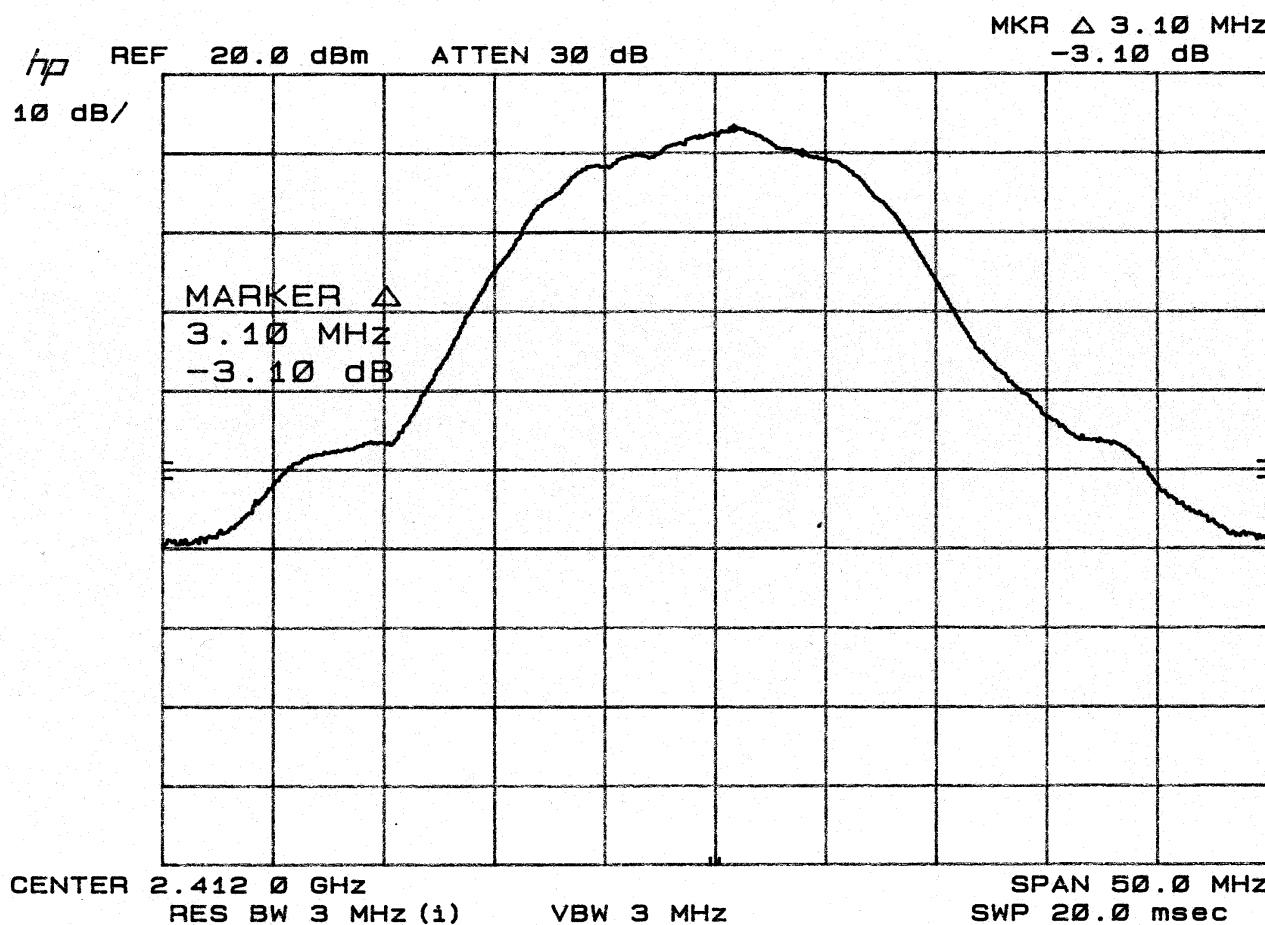
TEST NUMBER: 2

TESTED BY: ROBERT FOSTER

PROCEDURE: 97-114

OPERATING MODE: CONTINUOUS TRANSMISSION

Low Frequency

Low End
6db bw

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