

# EXHIBIT 6

B5KKRC12104-4

Ericsson Radio System AB.

## SECTION 3

### OCCUPIED BANDWIDTH DATA PACKET MODE

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2.989 (c,i) (h) Occupied Bandwidth

The measurements methods per TIA/IS-136/IS-138 and TIA/EIA-553 were used to obtain the results in the following exhibits:

10.3.1 A to J Modulated with 19.2 kbs  
PSEUDORANDOM DATA channel 991

10.3.2 A to J Modulated with 19.2 kbs  
PSEUDORANDOM DATA channel 799

Equipment used:

HP 89441A Spectrum Vector Analyzer,  
100 Hz - 2.1 GHz  
Radio Frequency 50 ohm load attached to the  
output.

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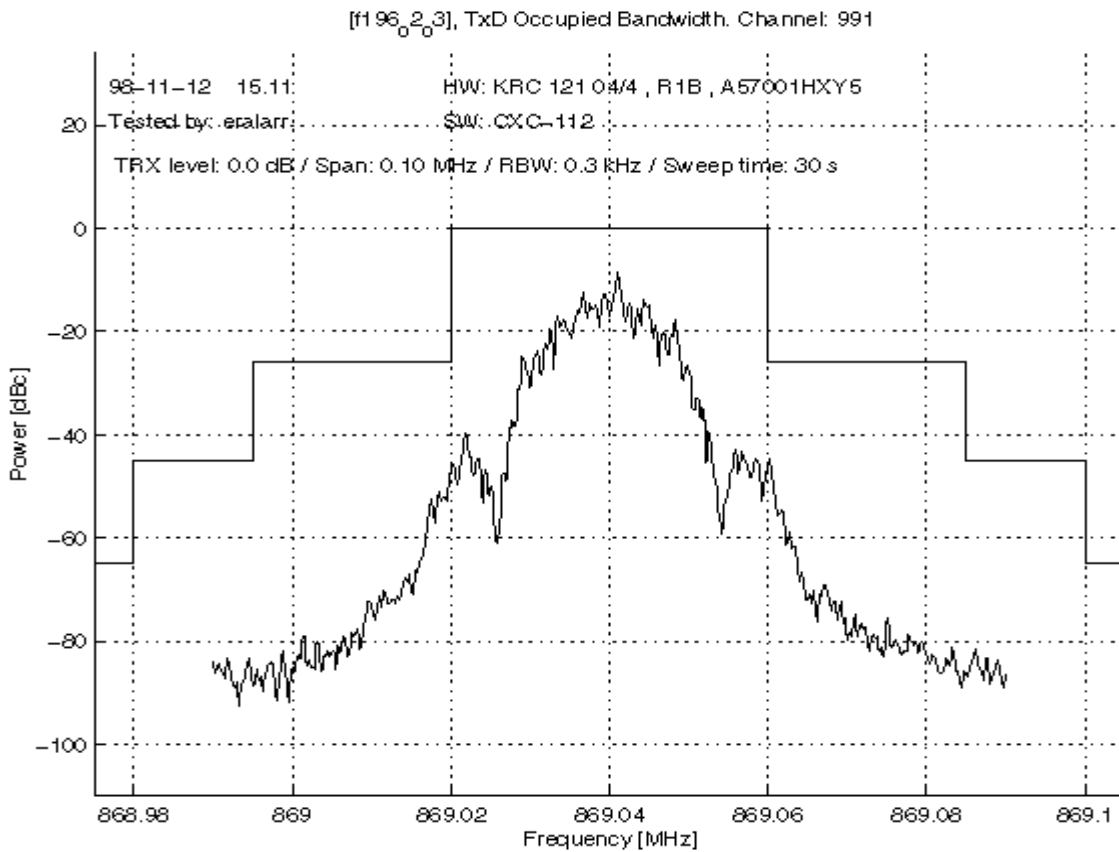
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## SECTION 3

### OCCUPIED BANDWIDTH DATA PACKET MODE

Modulation Sideband Spectrum  
Measured Per TIA/IS-136/IS-138  
and TIA/EIA-553



Section 3 3.1A

Referenced to the Rated Power Output  
Modulated with 19.2 kbs PSEUDORANDOM DATA

# EXHIBIT 6

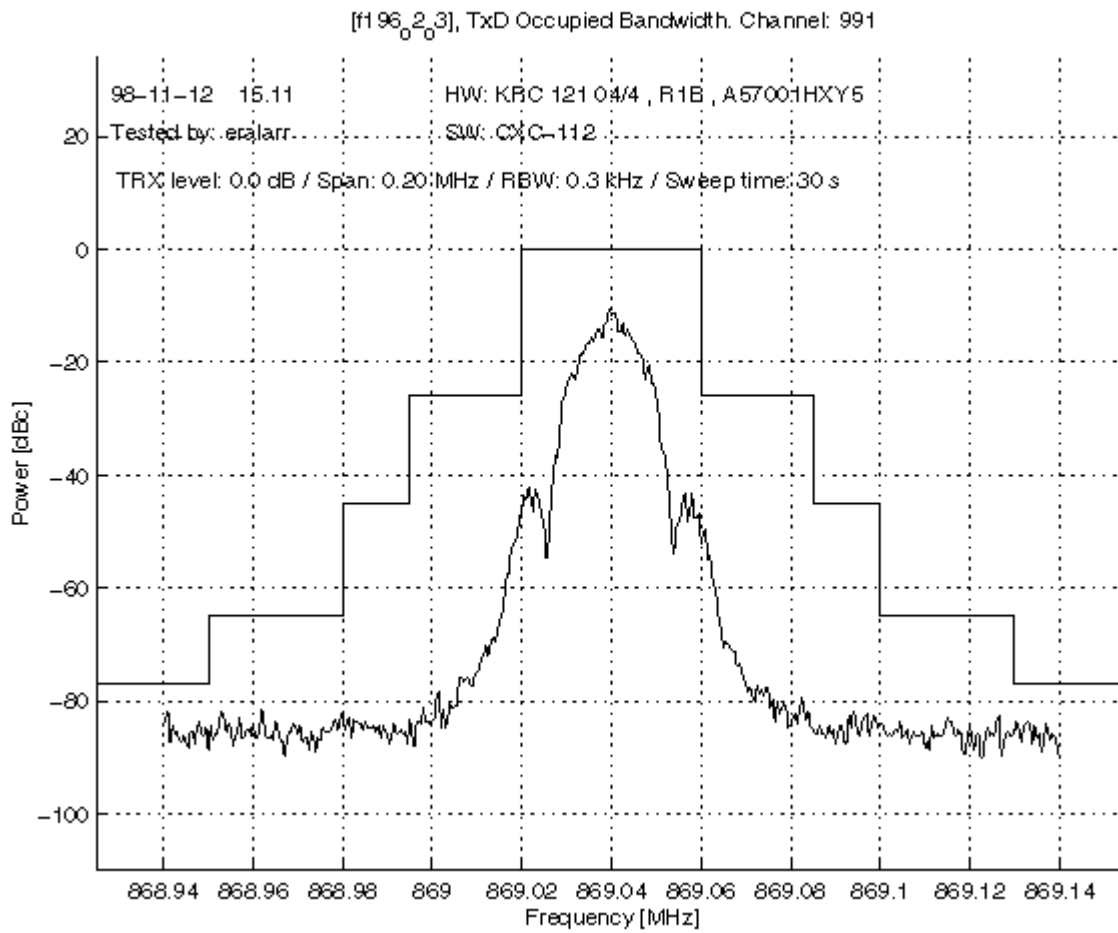
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## SECTION 3

### OCCUPIED BANDWIDTH DATA PACKET MODE

Modulation Sideband Spectrum  
Measured Per TIA/IS-136/IS-138  
and TIA/EIA-553.



Section 3 3.1B

Referenced to the Rated Power Output  
Modulated with 19.2 kbs PSEUDORANDOM DATA

# EXHIBIT 6

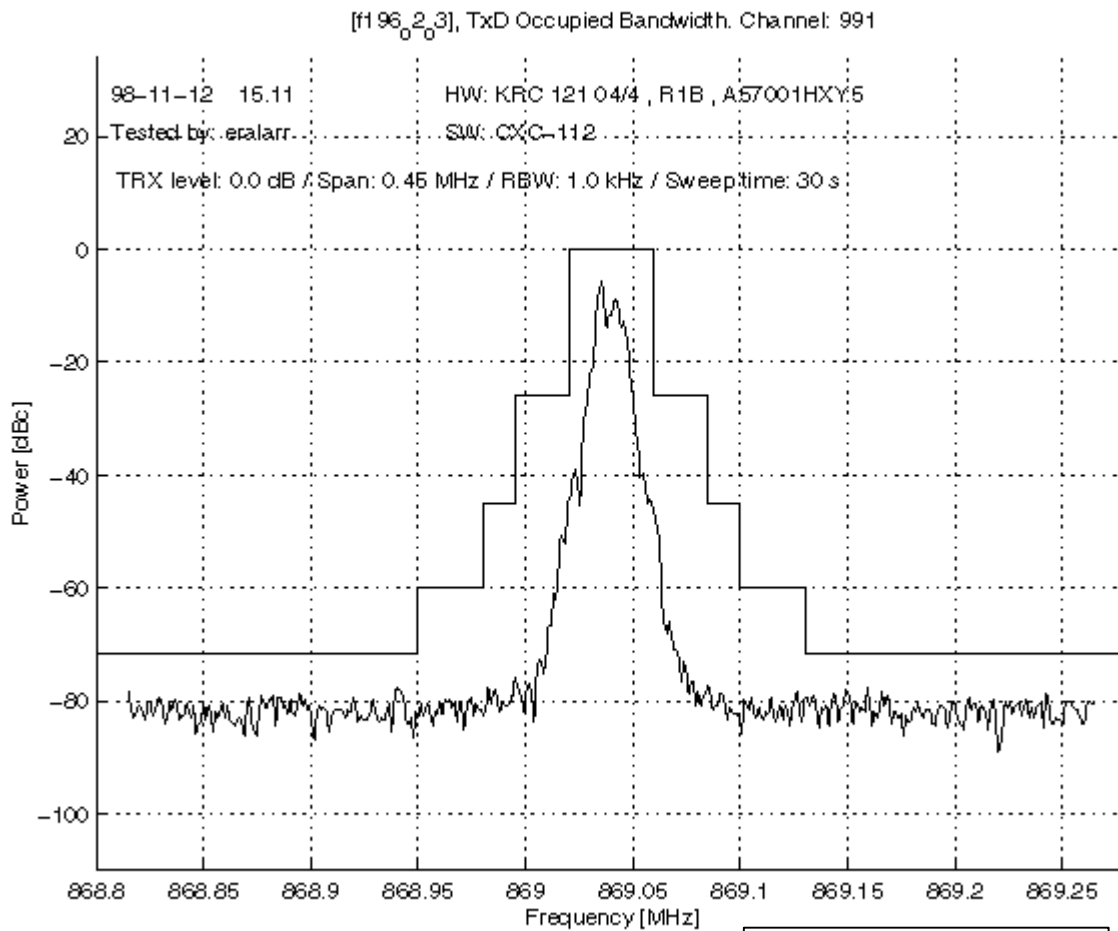
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## SECTION 3

### OCCUPIED BANDWIDTH DATA PACKET MODE

Modulation Sideband Spectrum  
Measured Per TIA/IS-136/IS-138  
and TIA/EIA-553



Section 3 3.1C

Referenced to the Rated Power Output  
Modulated with 19.2 kbs PSEUDORANDOM DATA

# EXHIBIT 6

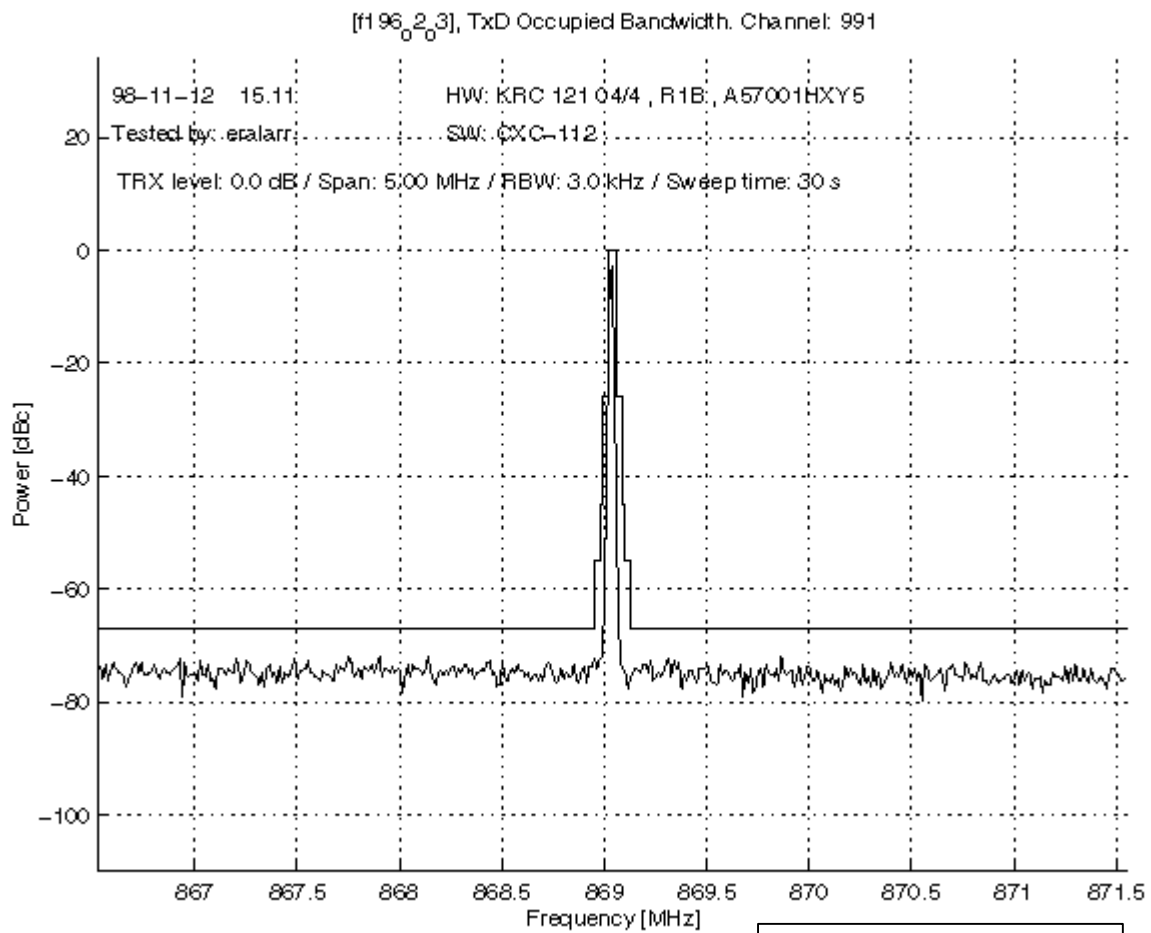
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## SECTION 3

### OCCUPIED BANDWIDTH DATA PACKET MODE

Modulation Sideband Spectrum  
Measured Per TIA/IS-136/IS-138  
and TIA/EIA-553



Section 3 3.1D

Referenced to the Rated Power Output  
Modulated with 19.2 kbs PSEUDORANDOM DATA

# EXHIBIT 6

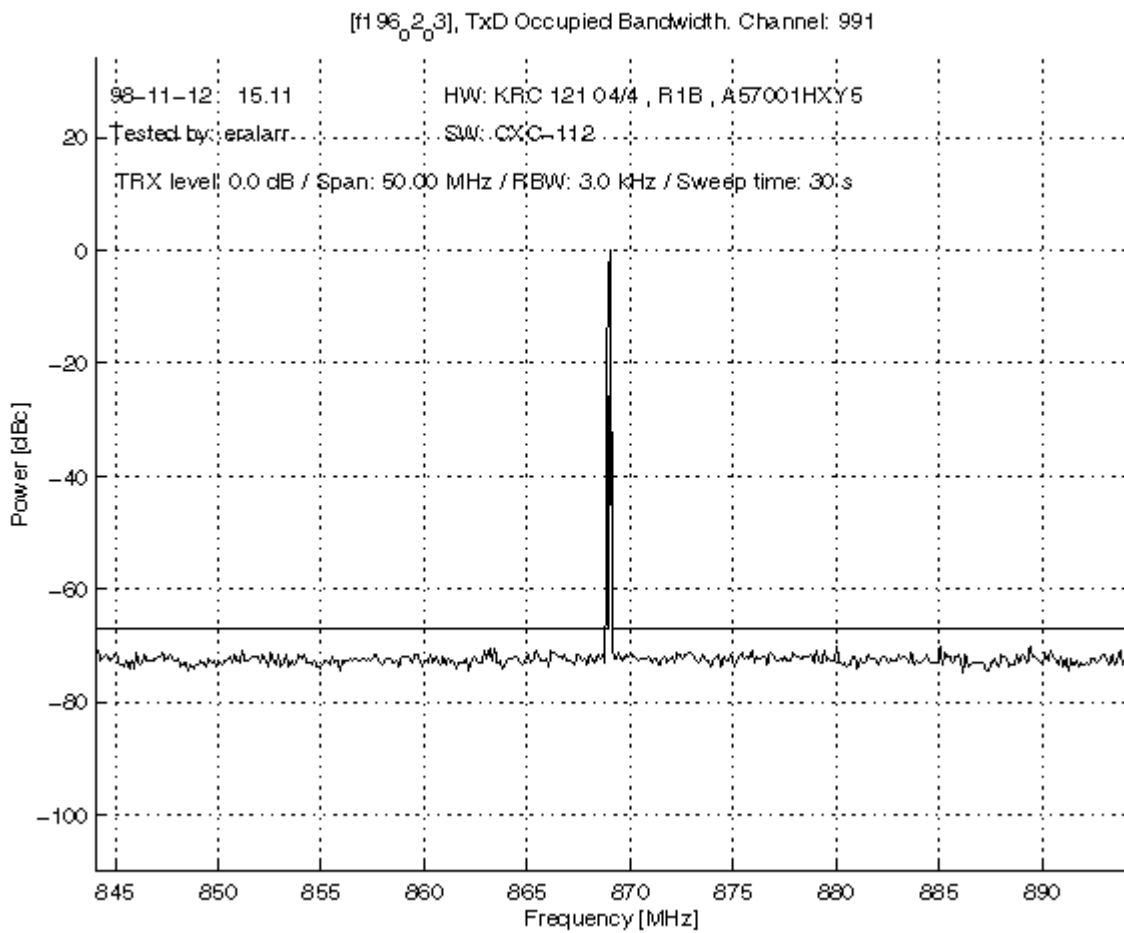
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## SECTION 3

### OCCUPIED BANDWIDTH DATA PACKET MODE

Modulation Sideband Spectrum  
Measured Per TIA/IS-136/IS-138  
and TIA/EIA-553



Section 3 3.1E

Referenced to the Rated Power Output at Lowest Level (- 20 dB)  
Modulated with 19.2 kbs PSEUDORANDOM DATA

# EXHIBIT 6

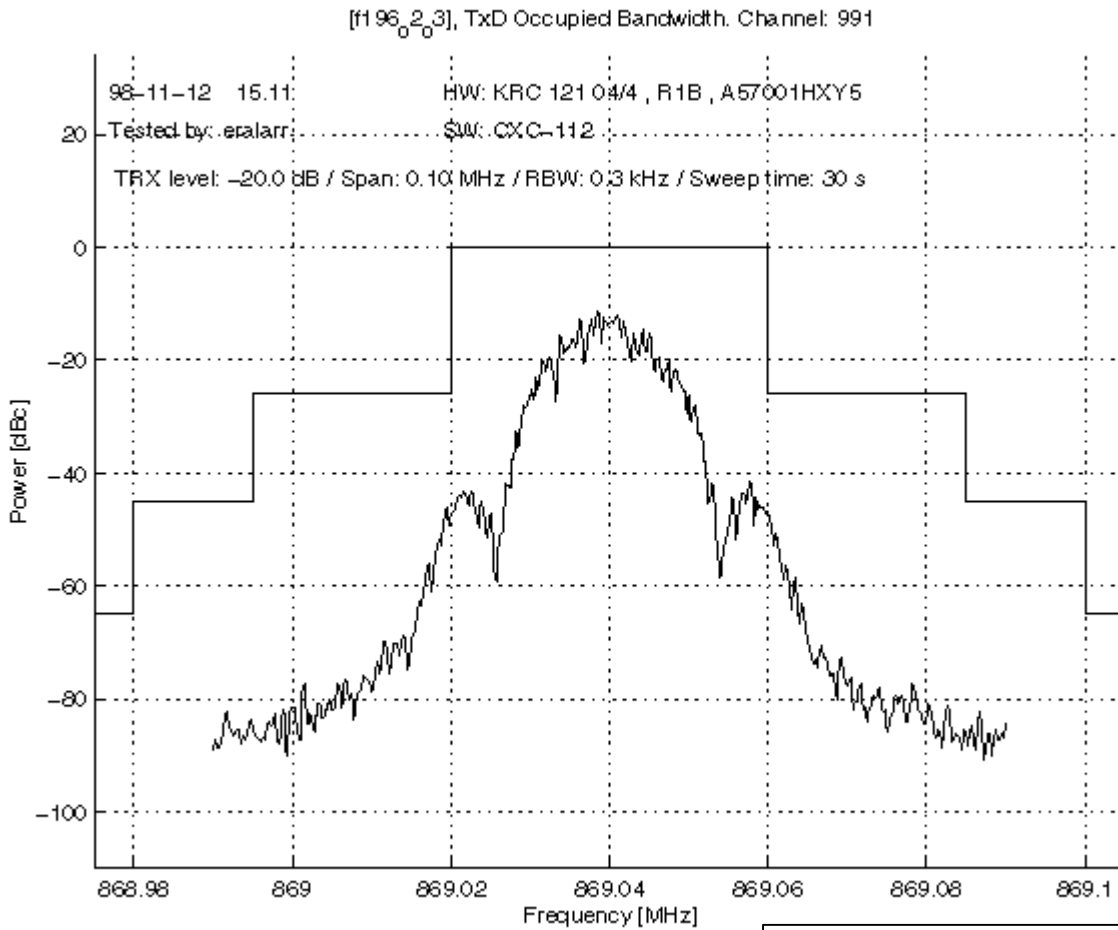
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## SECTION 3

### OCCUPIED BANDWIDTH DATA PACKET MODE

Modulation Sideband Spectrum  
Measured Per TIA/IS-136/IS-138  
and TIA/EIA-553



Section 3 3.1F

Referenced to the Rated Power Output at Lowest Level (- 20 dB)  
Modulated with 19.2 kbs PSEUDORANDOM DATA

# EXHIBIT 6

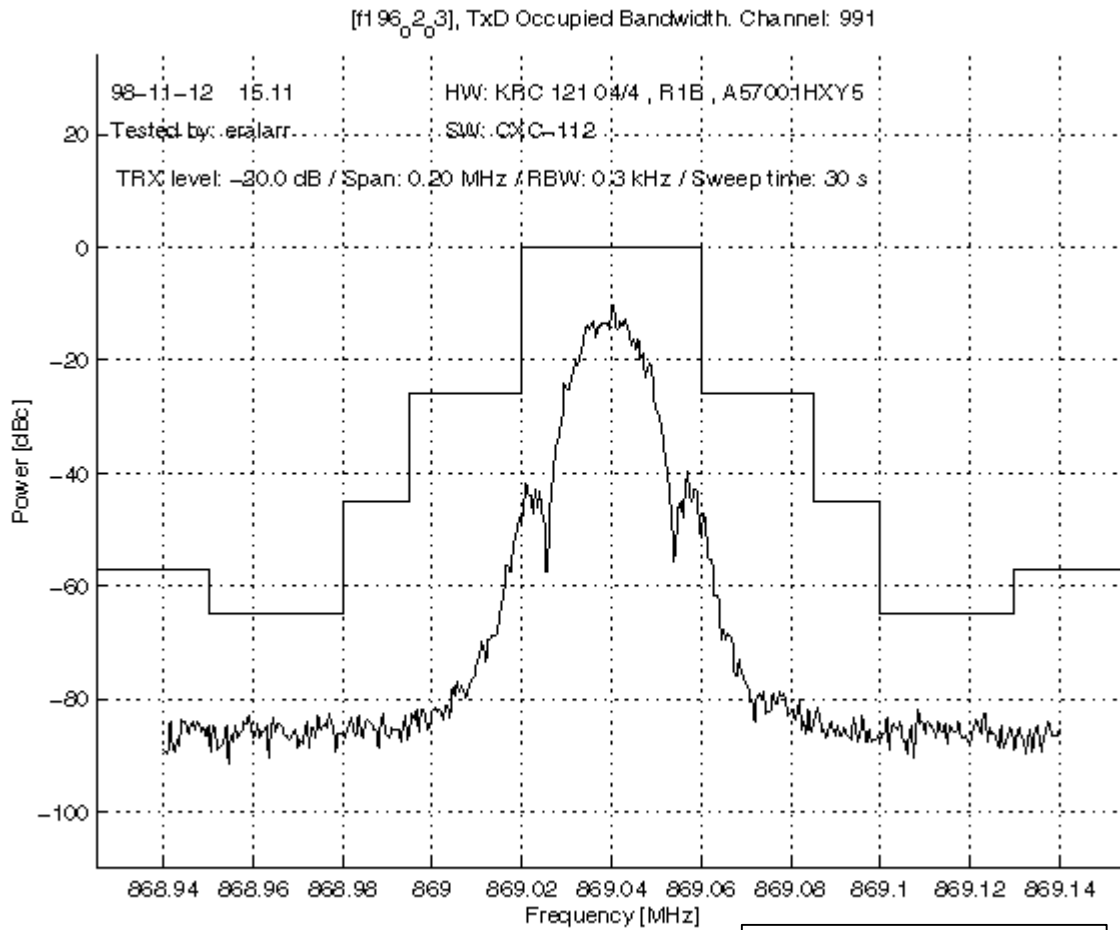
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## SECTION 3

### OCCUPIED BANDWIDTH DATA PACKET MODE

Modulation Sideband Spectrum  
Measured Per TIA/IS-136/IS-138  
and TIA/EIA-553



Referenced to the Rated Power Output at Lowest Level (- 20 dB)  
Modulated with 19.2 kbs PSEUDORANDOM DATA



# EXHIBIT 6

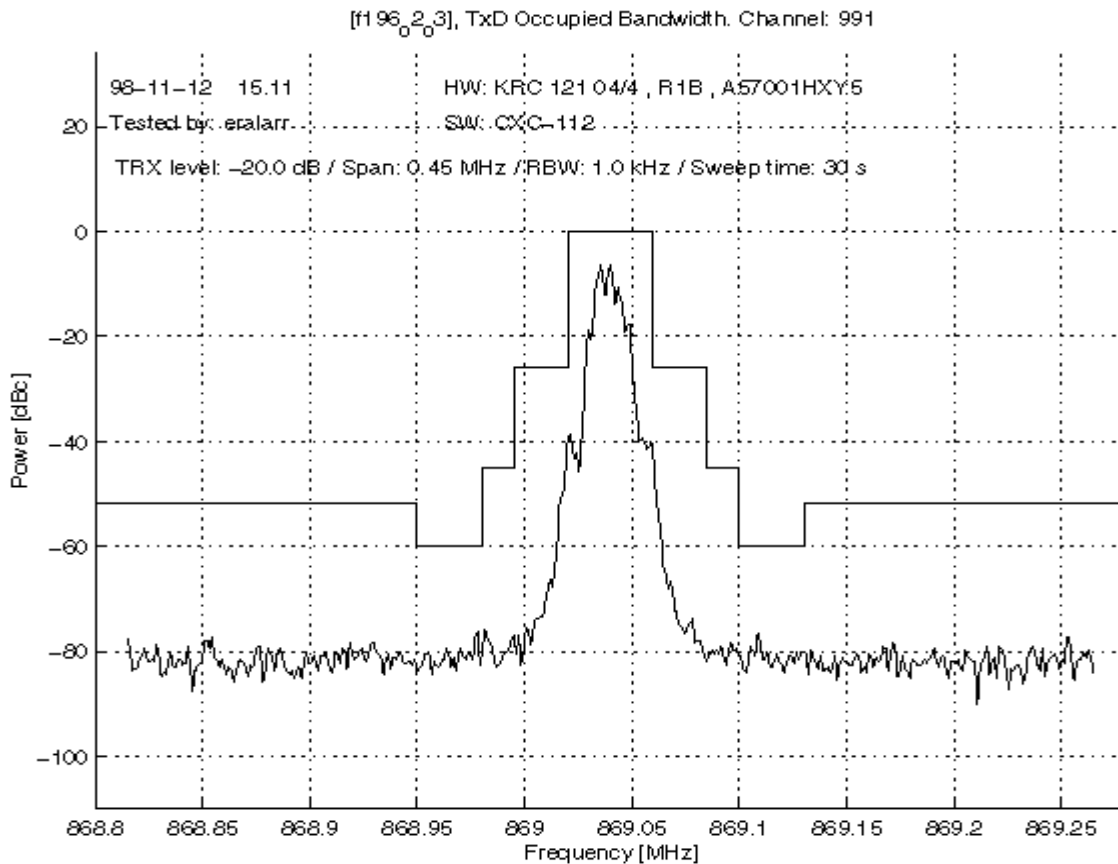
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## SECTION 3

### OCCUPIED BANDWIDTH DATA PACKET MODE

Modulation Sideband Spectrum  
Measured Per TIA/IS-136/IS-138  
and TIA/EIA-553



Section 3 3.1H

Referenced to the Rated Power Output at Lowest Level (- 20 dB)  
Modulated with 19.2 kbs PSEUDORANDOM DATA

# EXHIBIT 6

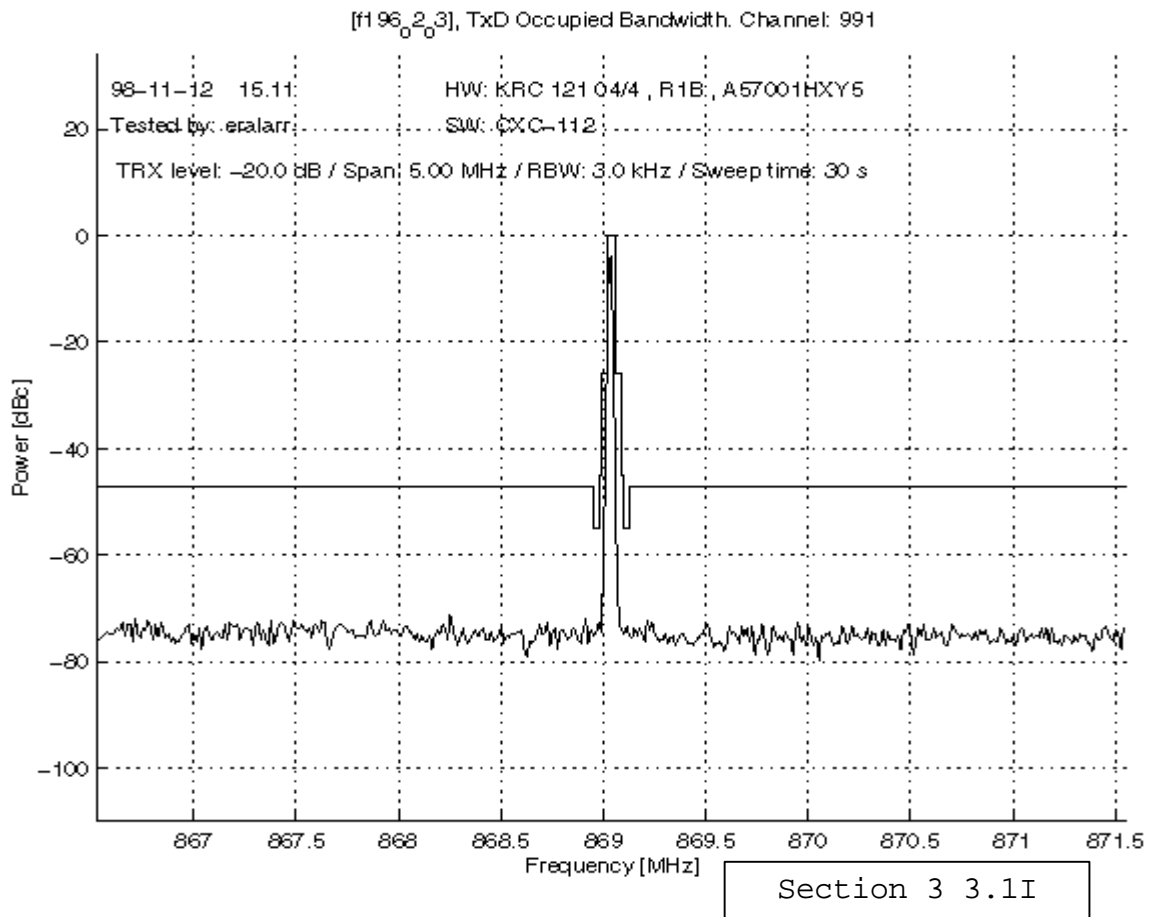
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## SECTION 3

### OCCUPIED BANDWIDTH DATA PACKET MODE

Modulation Sideband Spectrum  
Measured Per TIA/IS-136/IS-138  
and TIA/EIA-553



Referenced to the Rated Power Output at Lowest Level (- 20 dB)  
Modulated with 19.2 kbs PSEUDORANDOM DATA

# EXHIBIT 6

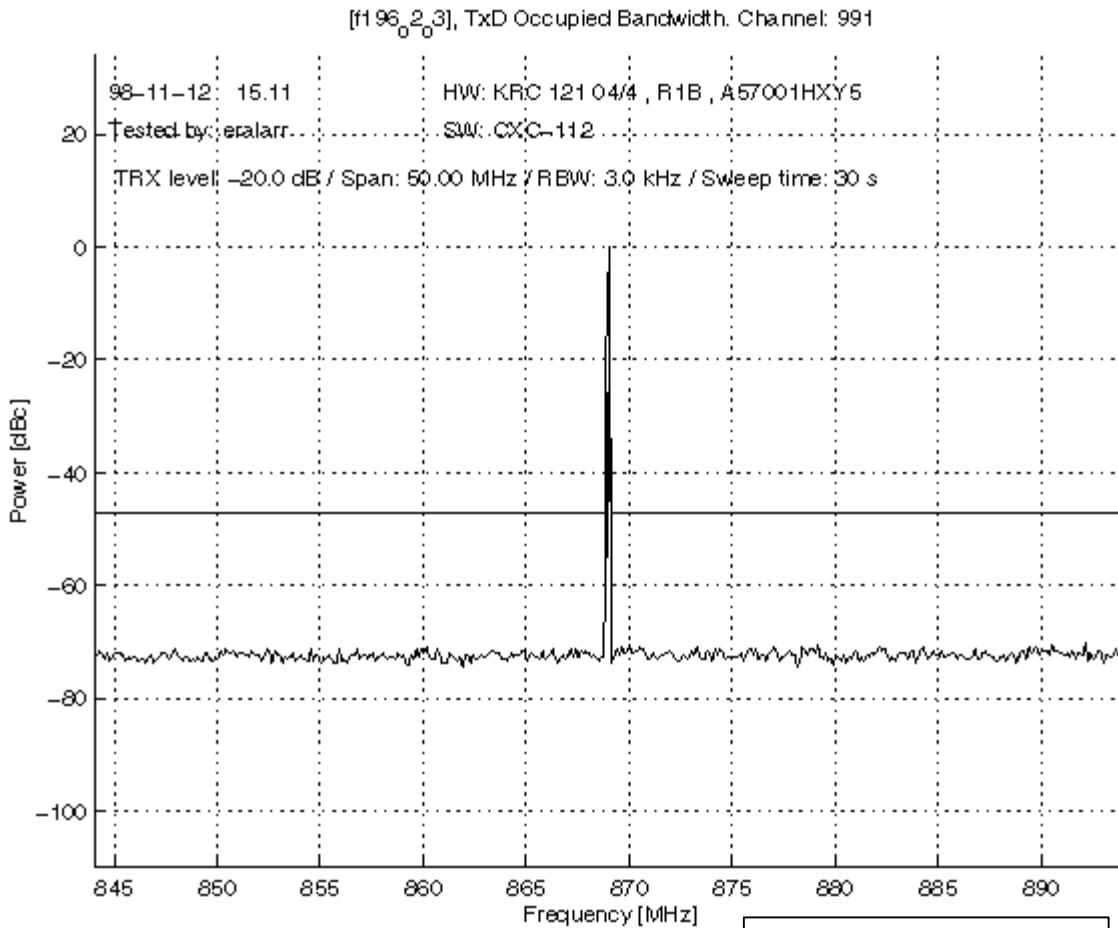
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## SECTION 3

### OCCUPIED BANDWIDTH DATA PACKET MODE

Modulation Sideband Spectrum  
Measured Per TIA/IS-136/IS-138  
and TIA/EIA-553



Referenced to the Rated Power Output at Lowest Level (- 20 dB)  
Modulated with 19.2 kbs PSEUDORANDOM DATA

# EXHIBIT 6

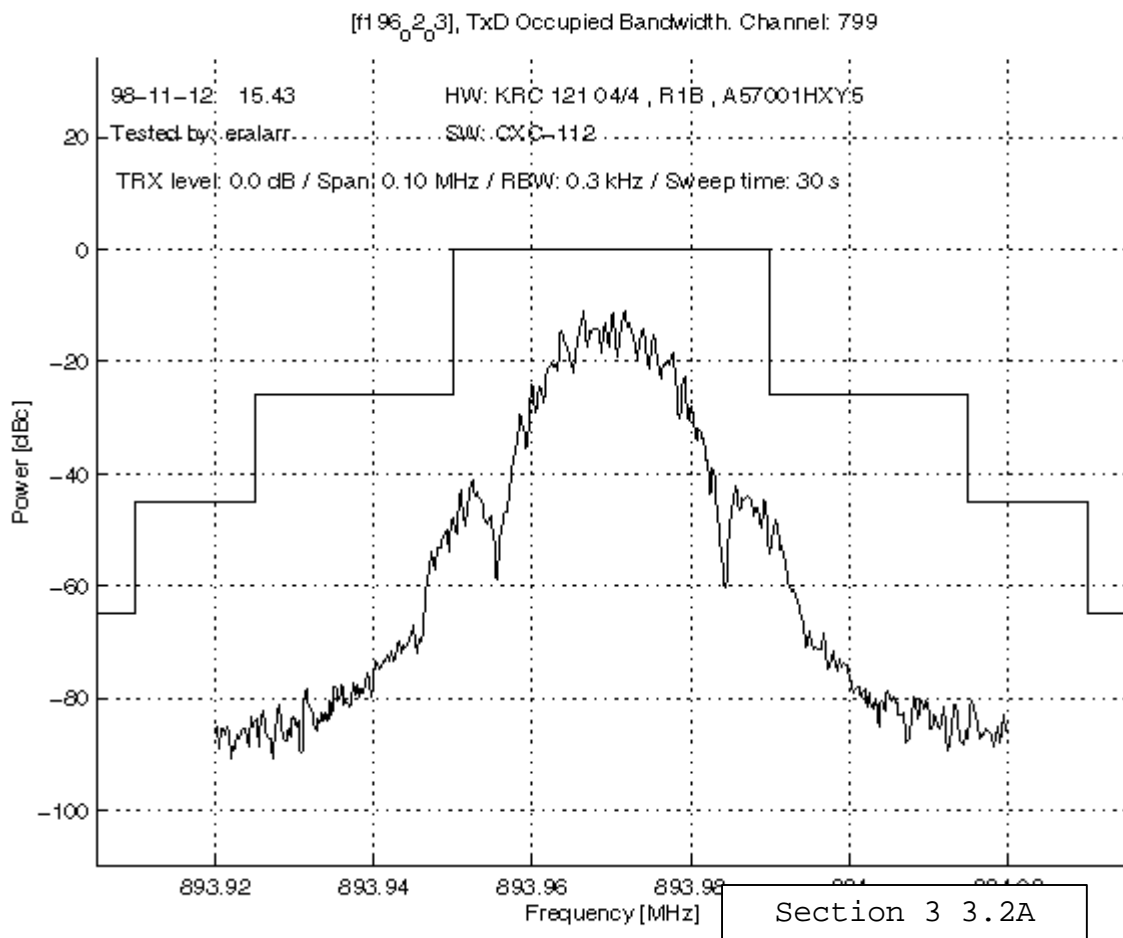
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## SECTION 3

### OCCUPIED BANDWIDTH DATA PACKET MODE

Modulation Sideband Spectrum  
Measured Per TIA/IS-136/IS-138  
and TIA/EIA-553



Referenced to the Rated Power Output  
Modulated with 19.2 kbs PSEUDORANDOM DATA

# EXHIBIT 6

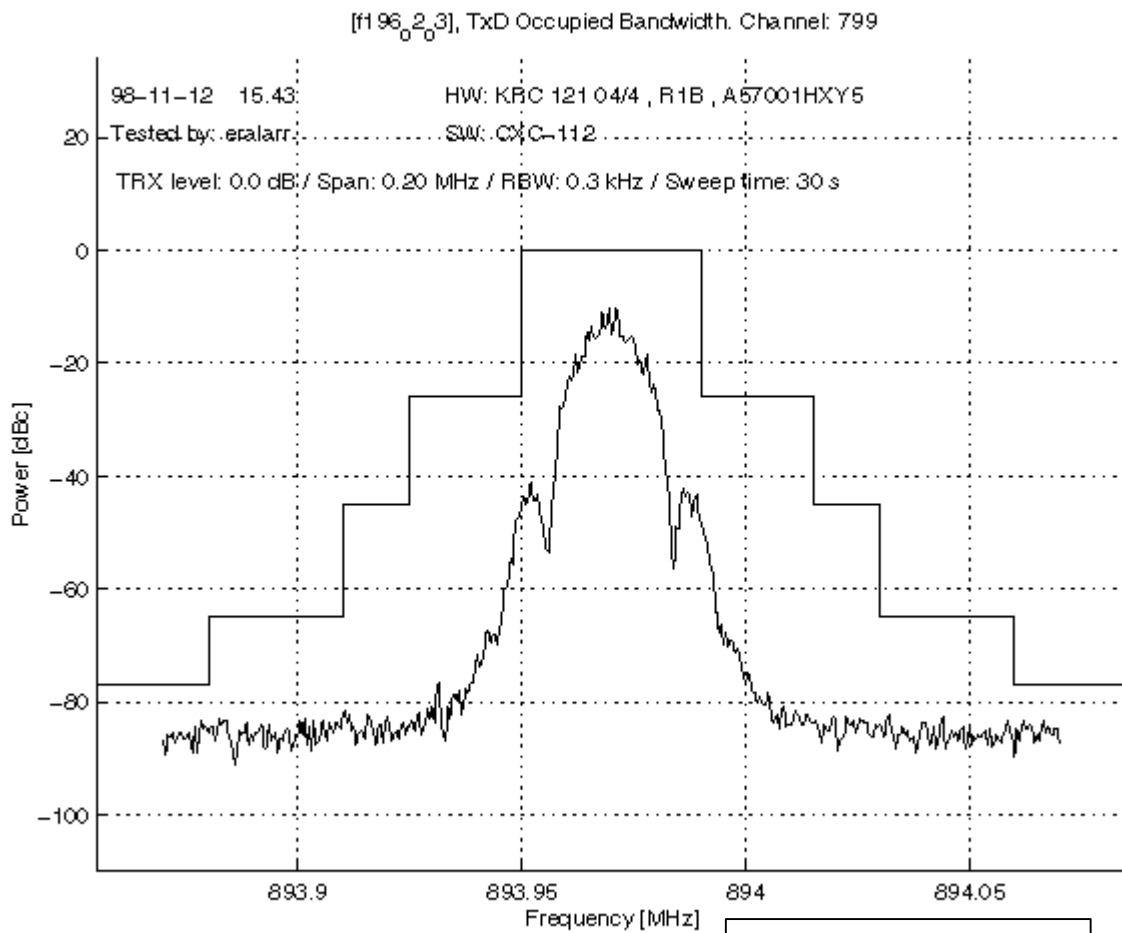
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## SECTION 3

### OCCUPIED BANDWIDTH DATA PACKET MODE

Modulation Sideband Spectrum  
Measured Per TIA/IS-136/IS-138  
and TIA/EIA-553



Referenced to the Rated Power Output  
Modulated with 19.2 kbs PSEUDORANDOM DATA

# EXHIBIT 6

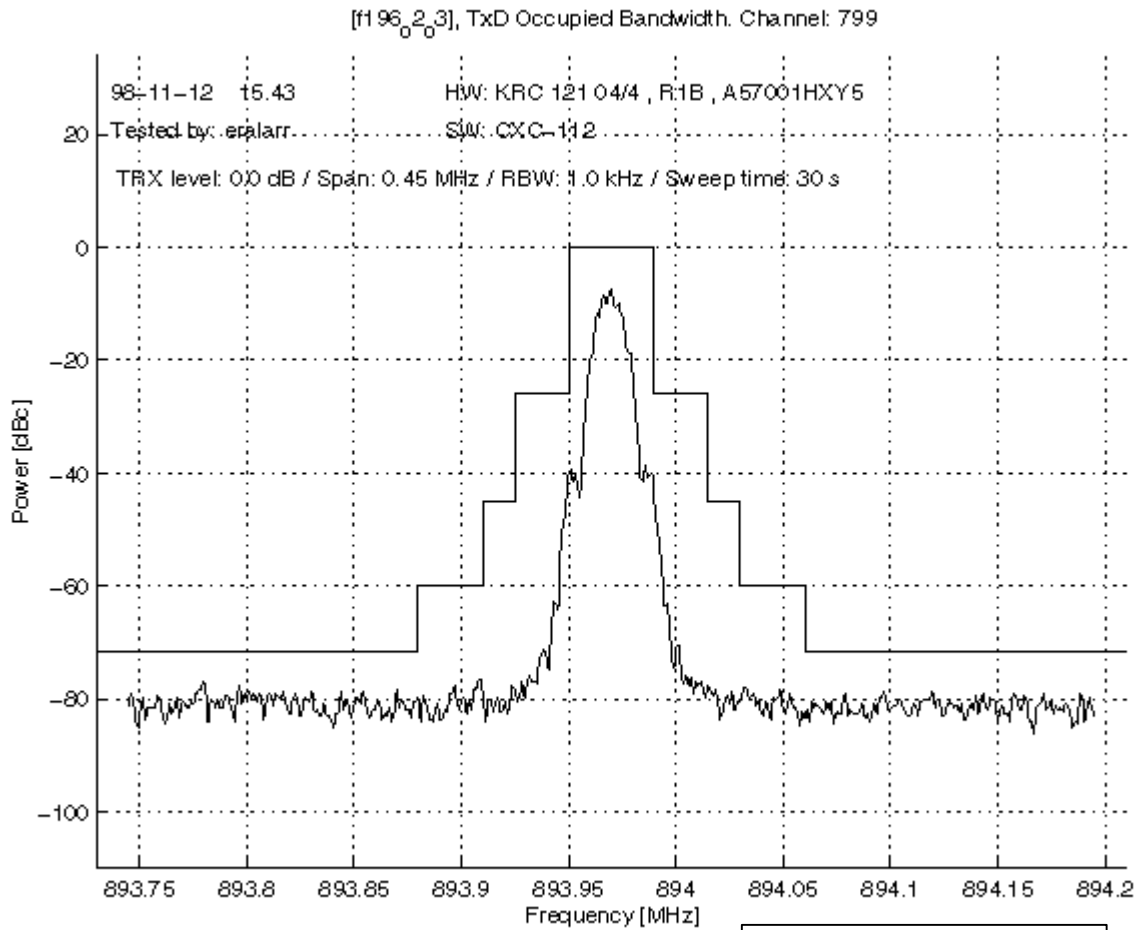
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## SECTION 3

### OCCUPIED BANDWIDTH DATA PACKET MODE

Modulation Sideband Spectrum  
Measured Per TIA/IS-136/IS-138  
and TIA/EIA-553



Referenced to the Rated Power Output  
Modulated with 19.2 kbs PSEUDORANDOM DATA

# EXHIBIT 6

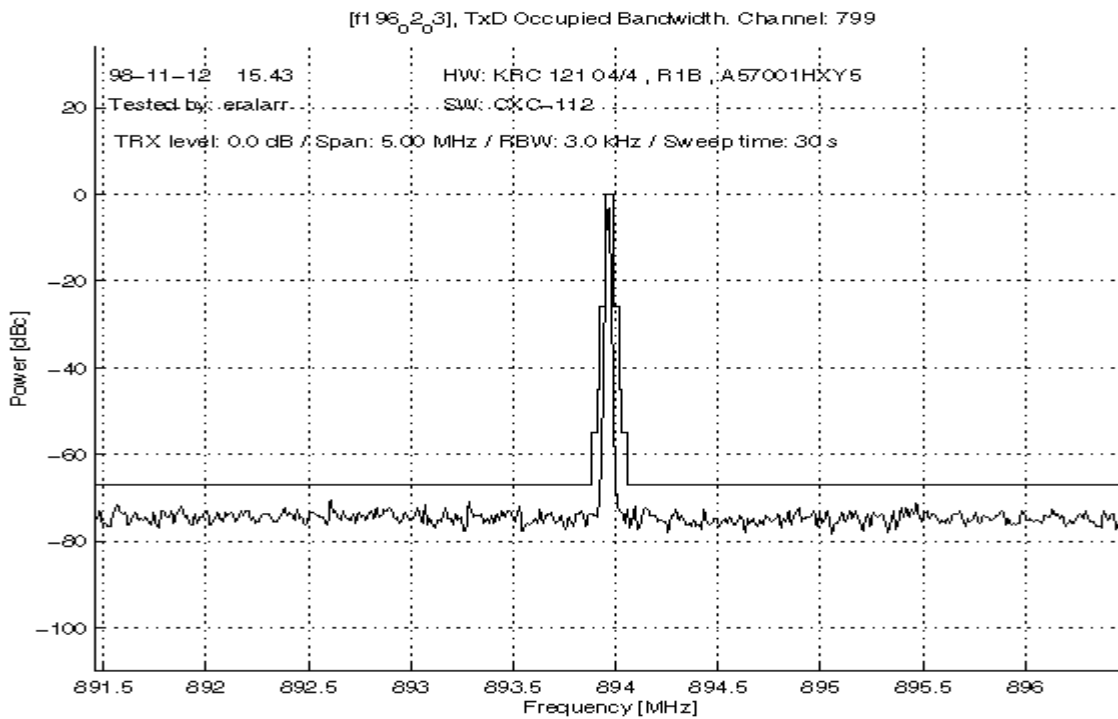
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## SECTION 3

### OCCUPIED BANDWIDTH DATA PACKET MODE

Modulation Sideband Spectrum  
Measured Per TIA/IS-136/IS-138  
and TIA/EIA-553



Section 3 3.2D

Referenced to the Rated Power Output  
Modulated with 19.2 kbs PSEUDORANDOM DATA

# EXHIBIT 6

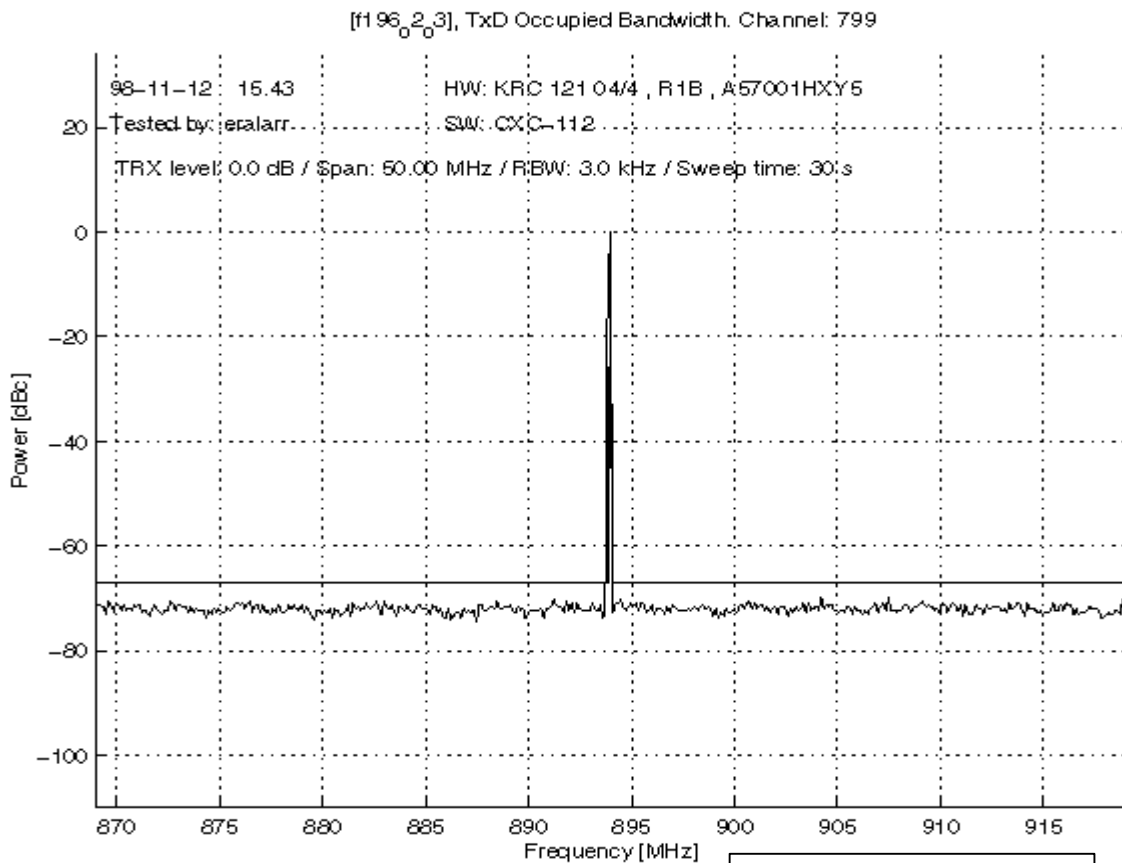
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## SECTION 3

### OCCUPIED BANDWIDTH DATA PACKET MODE

Modulation Sideband Spectrum  
Measured Per TIA/IS-136/IS-138  
and TIA/EIA-553



Section 3 3.2E

Referenced to the Rated Power Output  
Modulated with 19.2 kbs PSEUDORANDOM DATA



# EXHIBIT 6

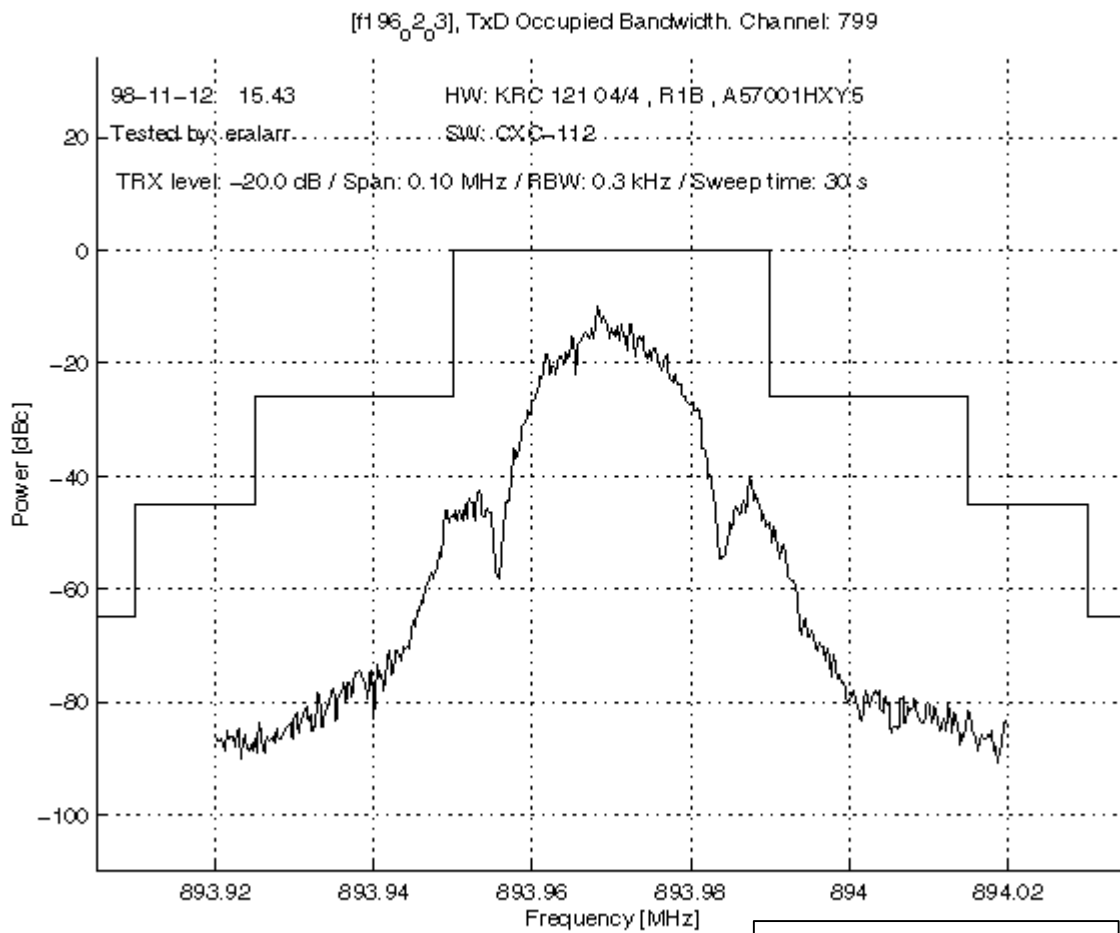
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## SECTION 3

### OCCUPIED BANDWIDTH DATA PACKET MODE

Modulation Sideband Spectrum  
Measured Per TIA/IS-136/IS-138  
and TIA/EIA-553



Referenced to the Rated Power Output at Lowest Level (- 20 dB)  
Modulated with 19.2 kbs PSEUDORANDOM DATA

# EXHIBIT 6

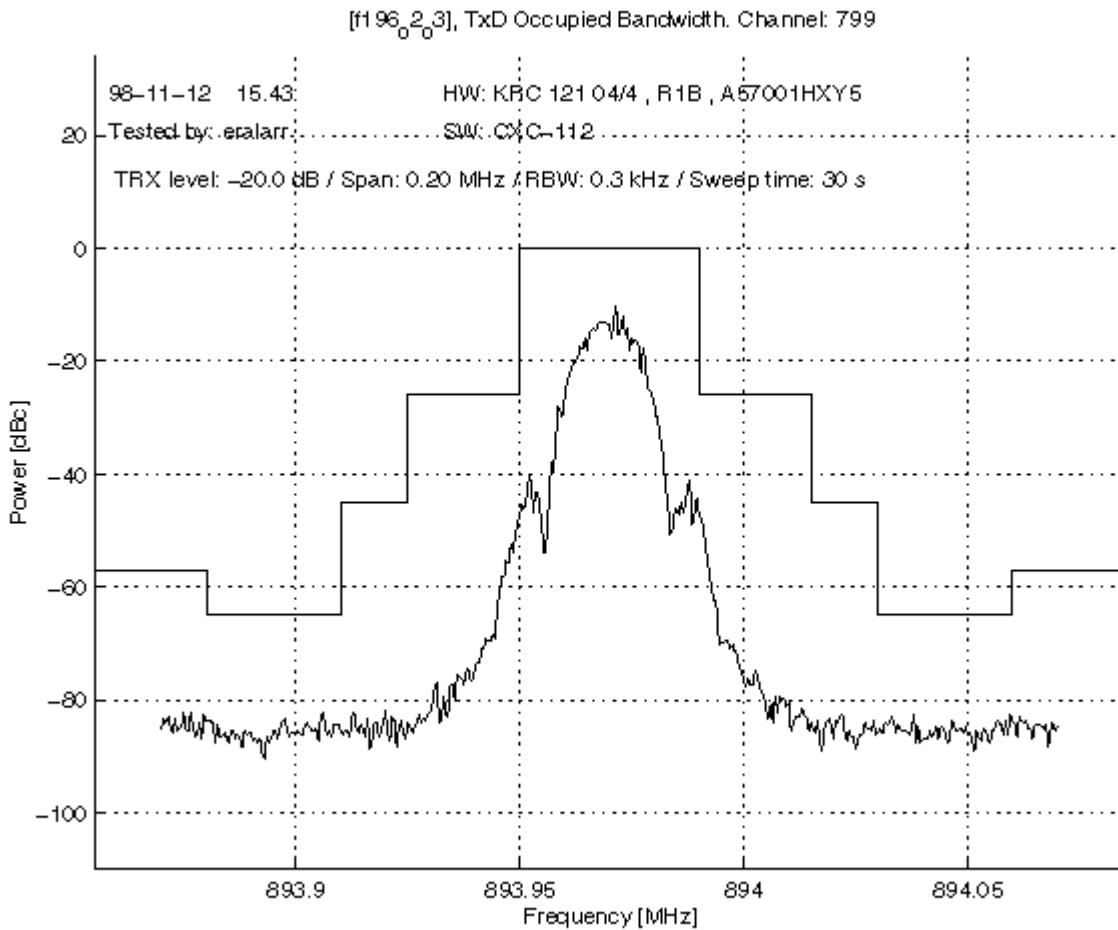
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Ericsson Radio System AB.

## SECTION 3

### OCCUPIED BANDWIDTH DATA PACKET MODE

Modulation Sideband Spectrum  
Measured Per TIA/IS-136/IS-138  
and TIA/EIA-553



Section 3 3.2G

Referenced to the Rated Power Output at Lowest Level (- 20 dB)  
Modulated with 19.2 kbs PSEUDORANDOM DATA

# EXHIBIT 6

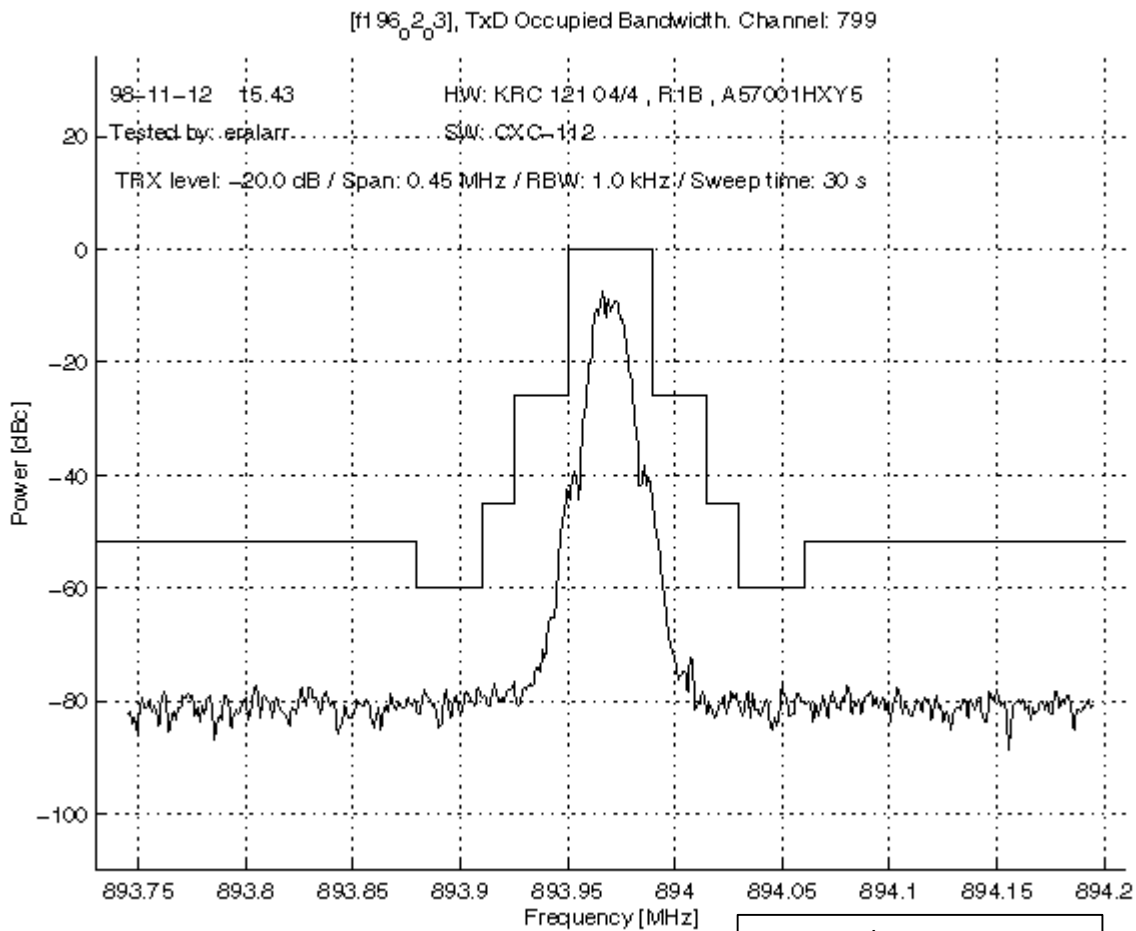
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## SECTION 3

### OCCUPIED BANDWIDTH DATA PACKET MODE

Modulation Sideband Spectrum  
Measured Per TIA/IS-136/IS-138  
and TIA/EIA-553



Referenced to the Rated Power Output at Lowest Level (- 20 dB)  
Modulated with 19.2 kbs PSEUDORANDOM DATA

# EXHIBIT 6

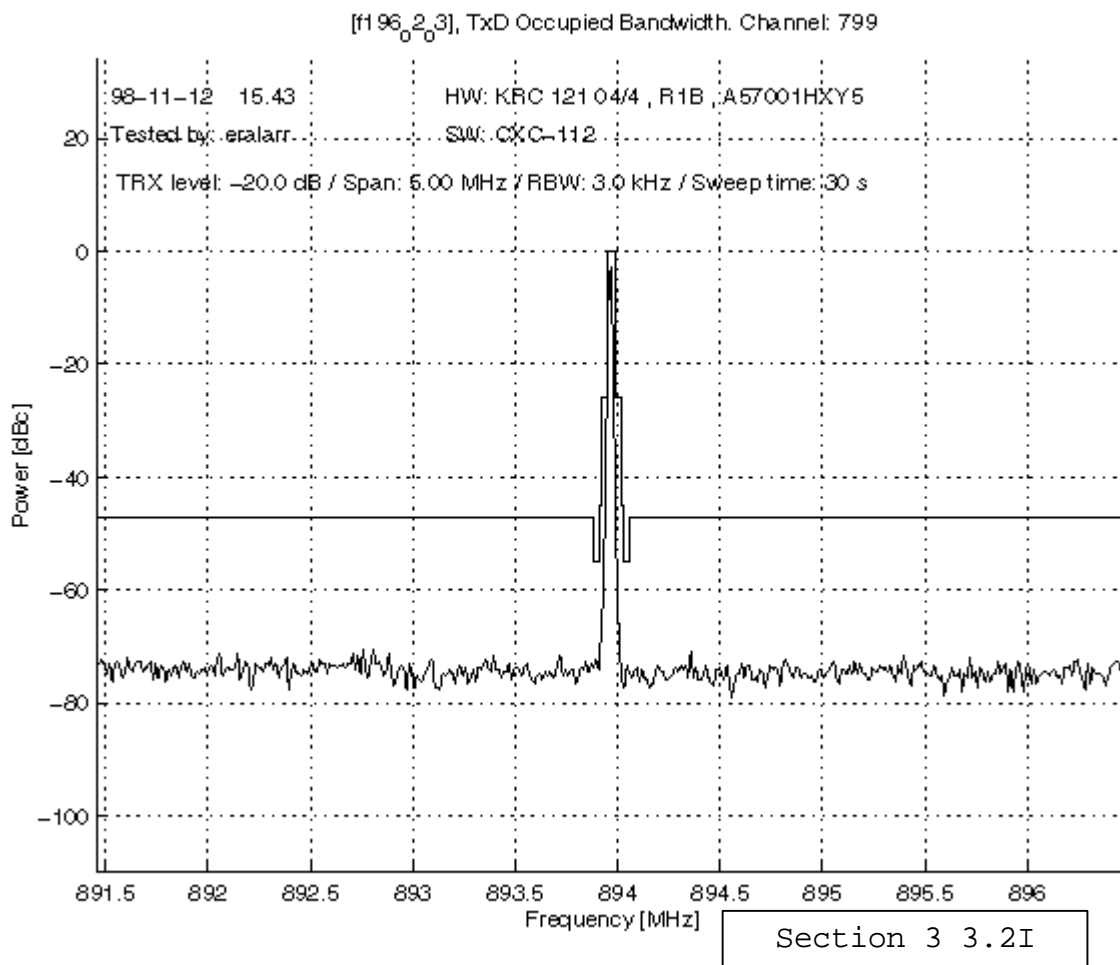
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## SECTION 3

### OCCUPIED BANDWIDTH DATA PACKET MODE

Modulation Sideband Spectrum  
Measured Per TIA/IS-136/IS-138  
and TIA/EIA-553



Referenced to the Rated Power Output at Lowest Level (- 20 dB)  
Modulated with 19.2 kbs PSEUDORANDOM DATA

# EXHIBIT 6

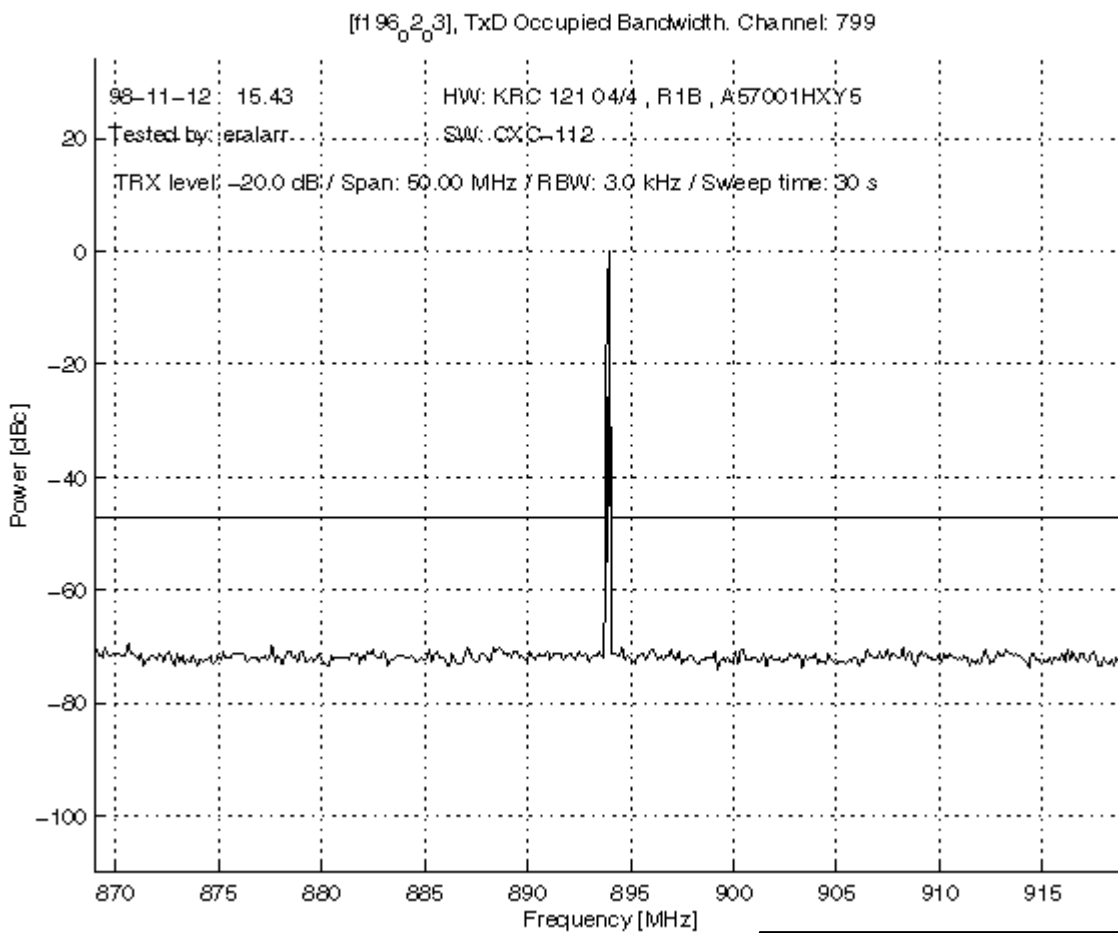
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## SECTION 3

### OCCUPIED BANDWIDTH DATA PACKET MODE

Modulation Sideband Spectrum  
Measured Per TIA/IS-136/IS-138  
and TIA/EIA-553



Section 3 3.2J

Referenced to the Rated Power Output at Lowest Level (- 20 dB)  
Modulated with 19.2 kbs PSEUDORANDOM DATA

# EXHIBIT 6

**B5KKRC12104-4**

**Ericsson Radio System AB.**

APPLICANT:  
Ericsson Radio Systems AB

EXHIBIT 11.1  
FCC ID NO.  
B5KKRC12104-4

## SPURIOUS EMISSIONS ANALOG MODE

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### 2.991 Conducted Spurious Emissions

Spurious emissions at the antenna terminal (conducted) when properly loaded with an appropriate artificial antenna were measured per EIA IS-20-A Para. 3.4.2.

Results are shown in the following exhibits:

#### Exhibit

11.1.1 A to F Voice modulation with SAT

Equipment used:

HP 8566A Spectrum Analyzer, 100 Hz - 2.5 GHz  
/ 2 GHz - 22 GHz

### 2.993 Field Strength Spurious Emissions

Ref. 2.993 field strength of spurious emissions was measured on our 3 meter range. The site and equipment are described in the site description and attenuation measurements for the Ericsson/GE three meter radiation site #2 filed with the FCC in Columbia, MD, in November of 1990. The measurement procedure is per EIA RS-152B, but done on a three meter test site. Results are shown on the following exhibits:

<u>Exhibit</u>	<u>Carrier Frequency</u>
11.1.2	869 MHz 0.57 Watts
11.1.3	869 MHz 57.0 Watts
11.1.4	894 MHz 0.57 Watts
11.1.5	894 MHz 57.0 Watts