APPLICANT:
Ericsson Radio System AB

FCC ID NO.
B5KKRC12103-31

EXHIBIT 6 – COVER SHEET

Table of Contents

APPLICANT:
Ericsson Radio System AB

FCC ID NO.
B5KKRC12103-31

RF POWER OUTPUT DIGITAL MODE

2.1046 (a) RF Power Output

The RF power output at the output terminal is plotted against supply voltage variation at the highest power level.

The measurement was made per TIA/IS-136/ IS-138 using the following Equipment.

Radio frequency 50 ohm load attached to the output. The power was measured on a BONTOON RF Peak power meter/analyzer.

APPLICANT:
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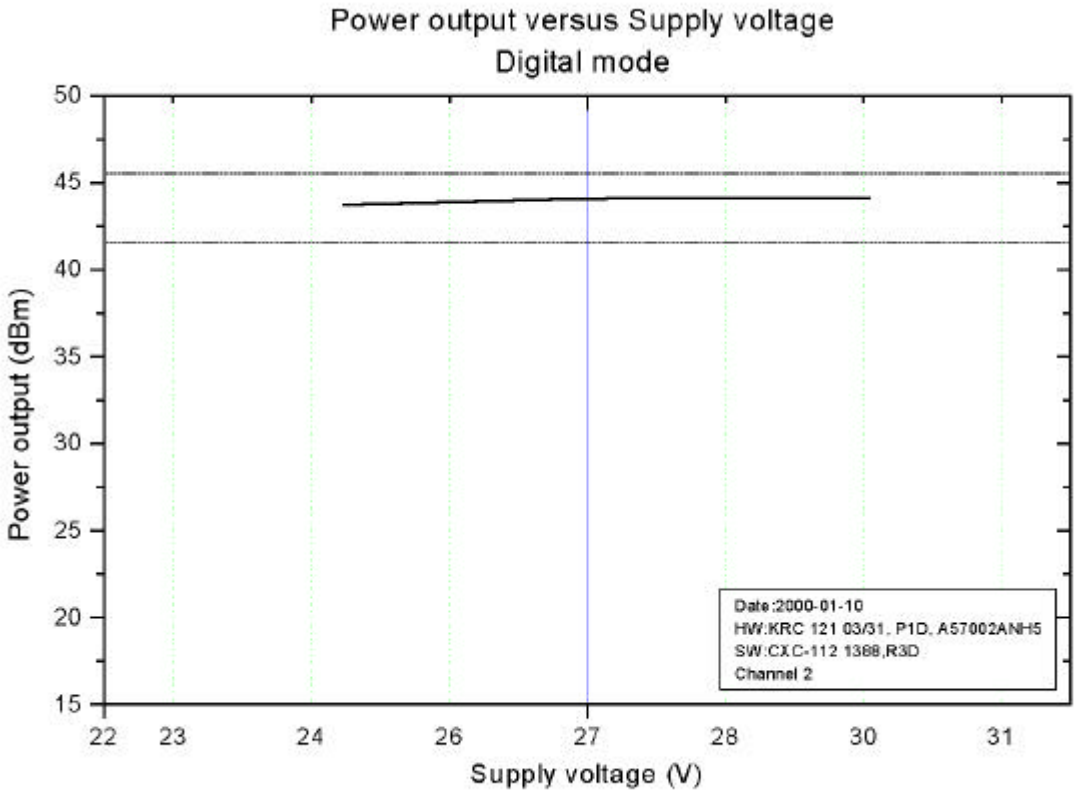
RF POWER OUTPUT DIGITAL MODE

2.1046 (a) RF Power Output



Channel 2 Output Power 44.5 dBm

APPLICANT:
Ericsson Radio System AB

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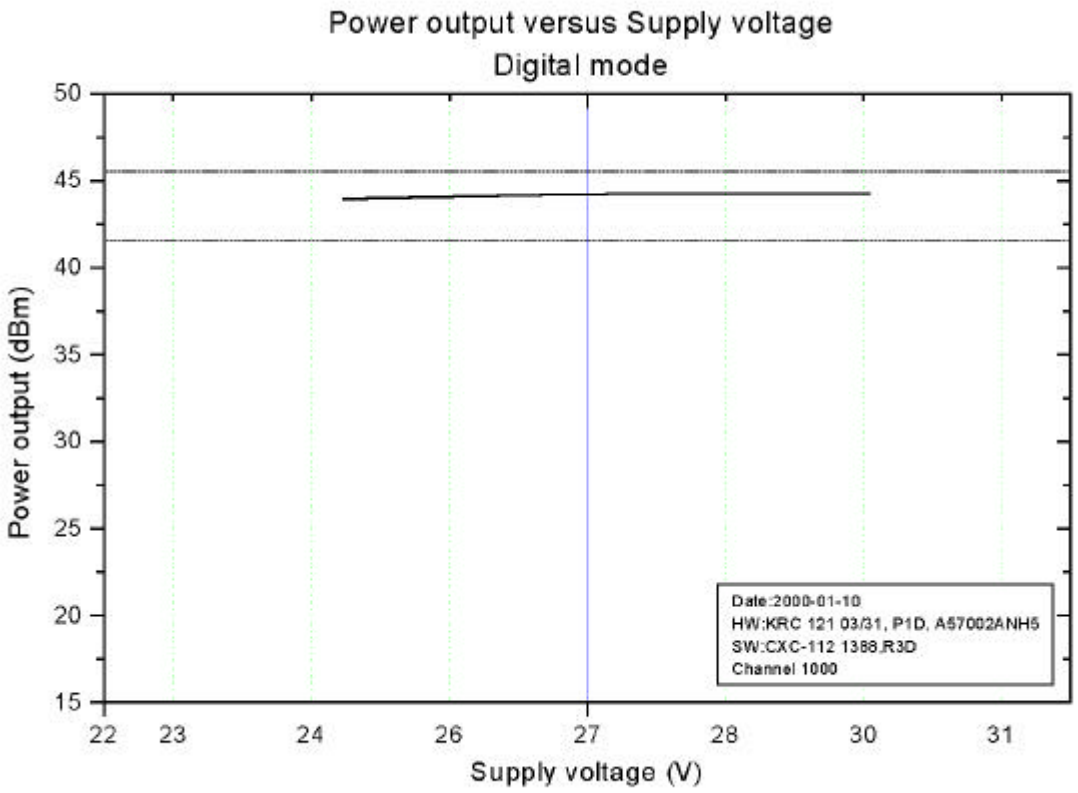
RF POWER OUTPUT DIGITAL MODE

2.1046 (a) RF Power Output



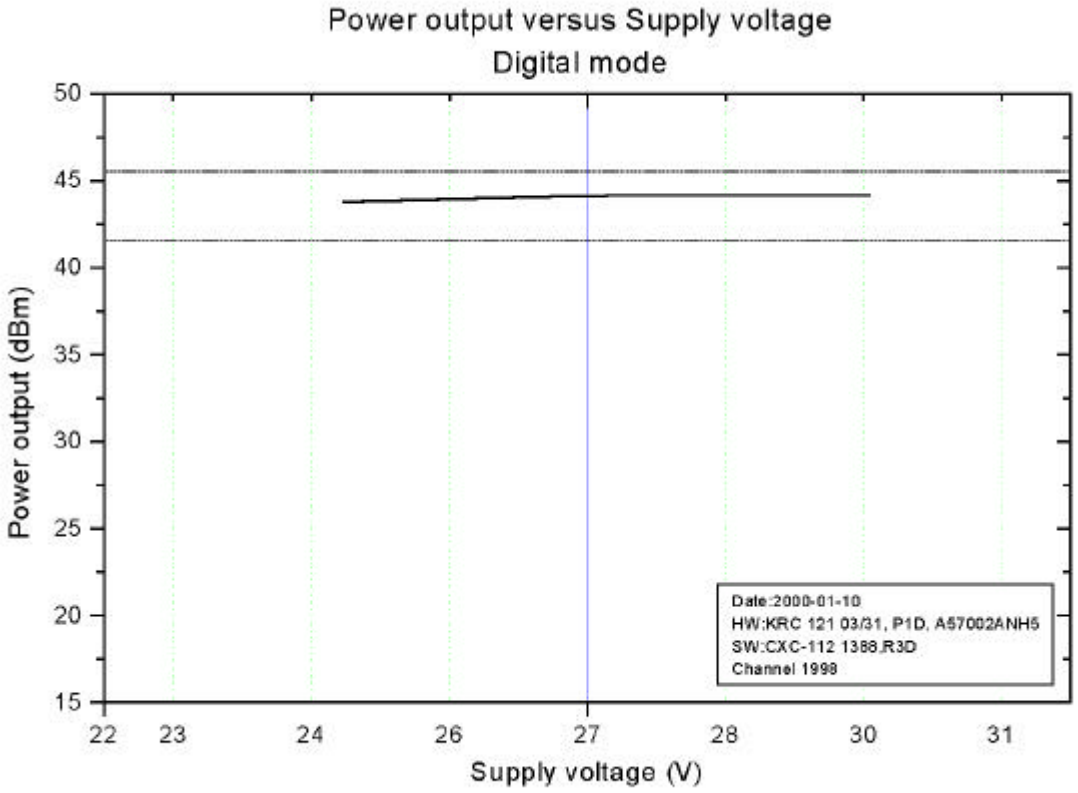
Channel 1000 Output Power 44.5 dBm

APPLICANT:
Ericsson Radio System AB

FCC ID NO.
B5KKRC12103-31

RF POWER OUTPUT DIGITAL MODE

2.1046 (a) RF Power Output



Channel 1998 Output Power 44.5 dBm

APPLICANT:
Ericsson Radio System AB

FCC ID NO.
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MODULATION CHARACTERISTICS DIGITAL MODE

2.1047 (d) The modulation characteristics for the unit is measured with pseudorandom data modulation of the unit and the result is shown as the Error Vector Magnitude which is limited to 12.5 percent according to TIA/IS-136/IS-138

Chan.	Freq. (MHz)	Output Power (Watts)	Error Vector Magnitude (%)
2	1930.08	28	3.76
1000	1960.02	28	3.96
1998	1989.96	28	3.37

Equipment used:

Rohde & Schwarz ESI 40, EMI Test Receiver
Including:
Spectrum Analyzer, 20 Hz-40 GHz
EMI Receiver, 20 Hz-40 GHz
Option FSE-B7 Signal Vector Analysis

The R&S ESI 40 was hooked up to a external 10 MHz reference standard during the measurements.

The sync generator was hooked up to a 10 MHz reference standard from a HP89441 Vector Signal Analyzer during the measurements.

APPLICANT:
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OCCUPIED BANDWIDTH

2.1049 (c,1)(g) Occupied Bandwidth

The measurement methods per TIA/IS-136/IS-138 were used.
Equipment used:

Rohde & Schwarz ESI 40, EMI Test Receiver
Including:
Spectrum Analyzer, 20 Hz-40 GHz
EMI Receiver, 20 Hz-40 GHz
Option FSE-B7 Signal Vector Analysis

The input signal source was a R&S CMTA 54 Radiocommunication analyzer for analog mode.
The input signal was fed trough a audio-PCM-converter named Claudio.
Radio frequency 50 ohm load attached to the output.

APPLICANT:
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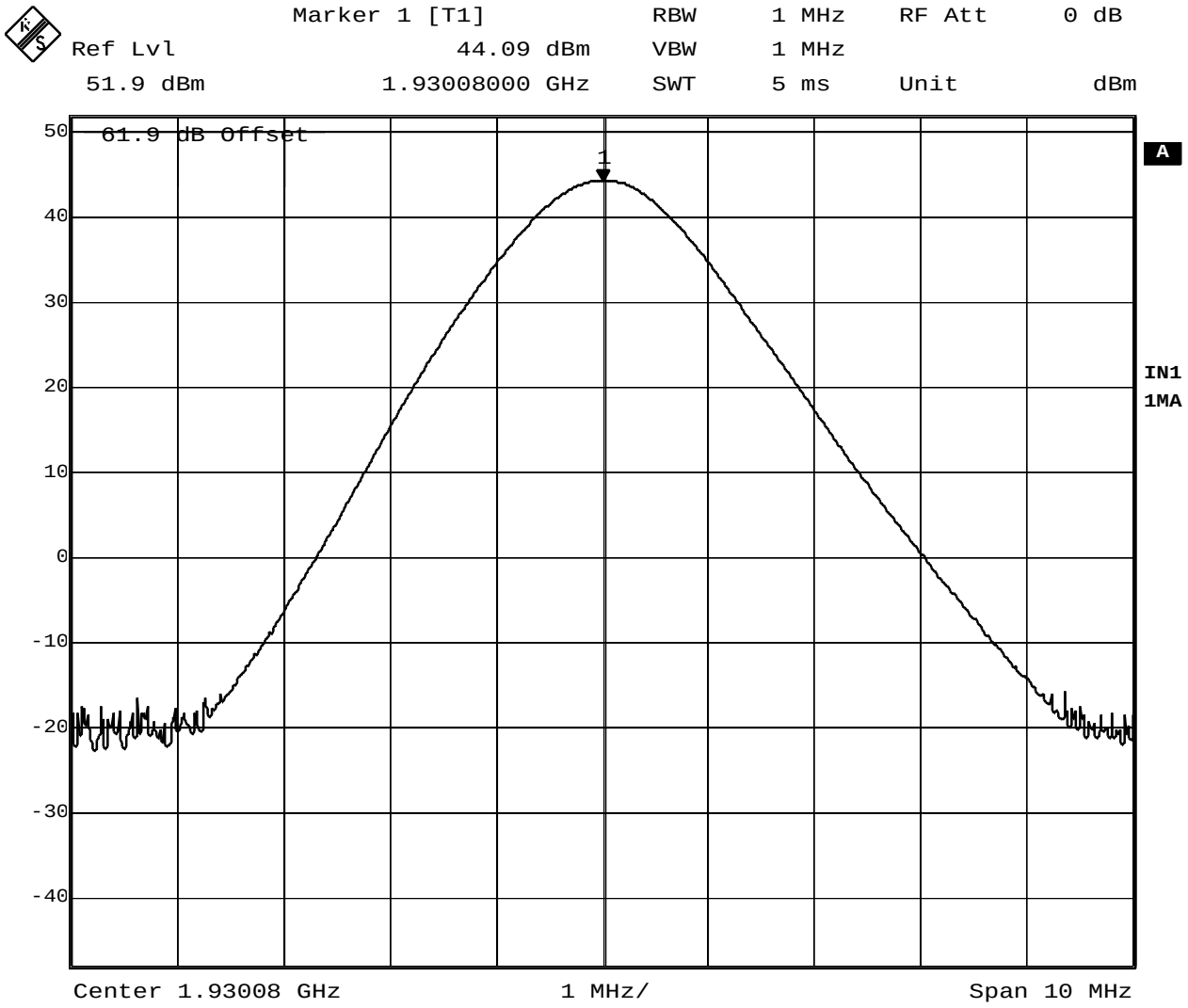
OCCUPIED BANDWIDTH CONTINUOUS WAVE

Modulation Sideband Spectrum
Measured Per TIA/IS-136/IS-138



Date: 14.JAN.2000 14:39:13

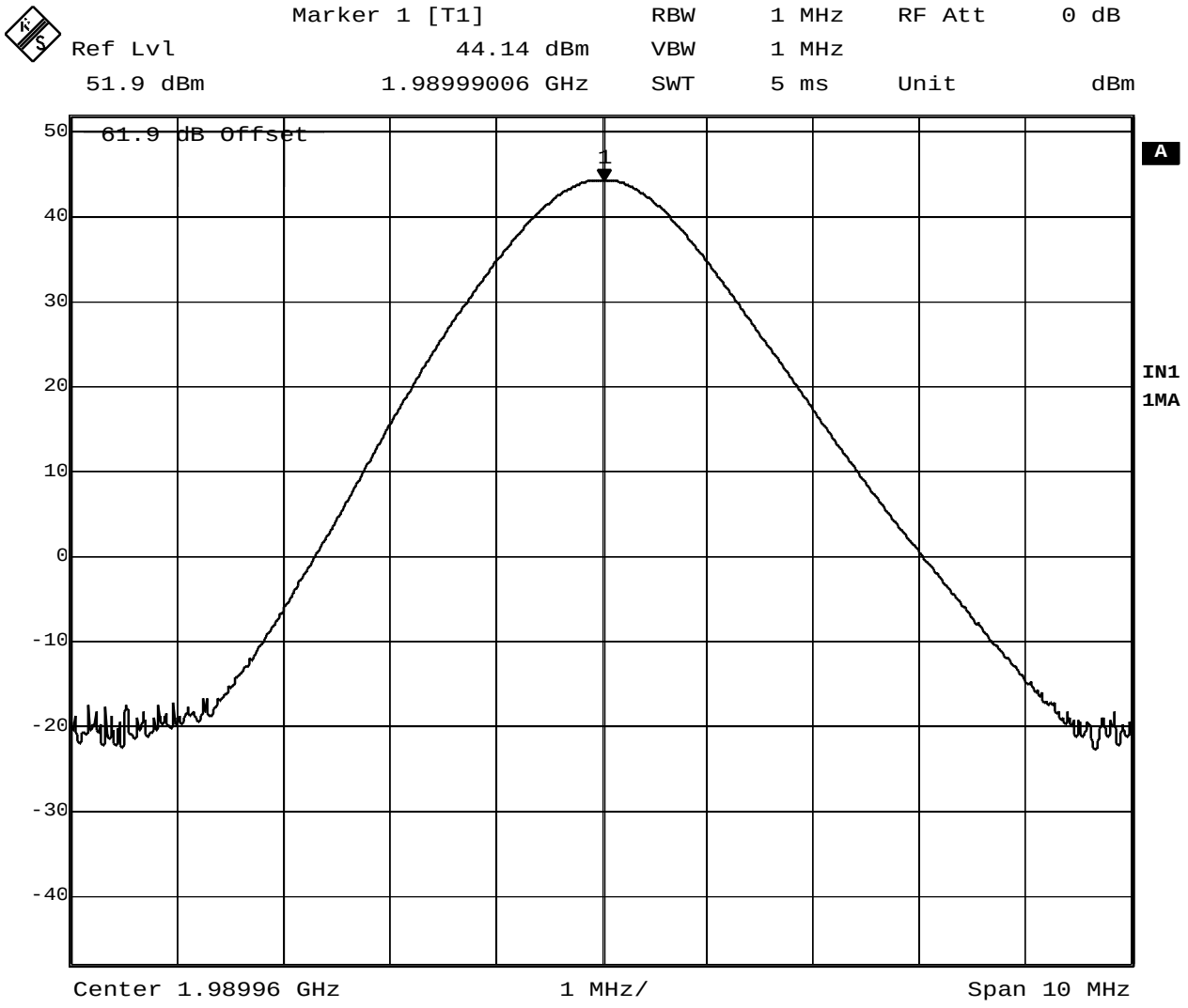
Channel 2 / Carrier frequency = 1930.08 MHz
Unmodulated

APPLICANT:
Ericsson Radio System AB

FCC ID NO.
B5KKRC12103-31

OCCUPIED BANDWIDTH CONTINUOUS WAVE

Modulation Sideband Spectrum
Measured Per TIA/IS-136/IS-138



Date: 14.JAN.2000 15:01:32

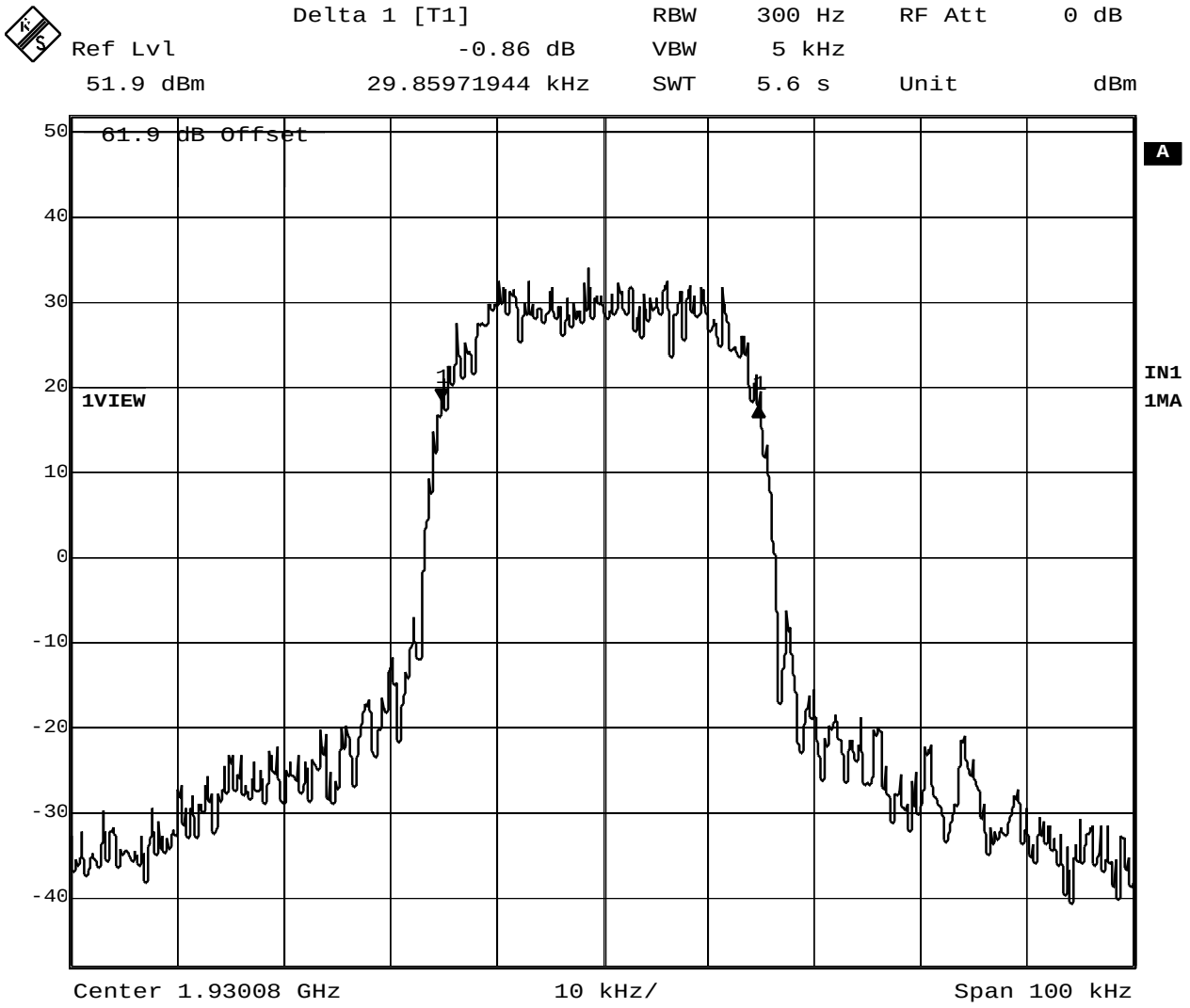
Channel 1998 / Carrier frequency = 1989.96 MHz
Unmodulated

APPLICANT:
Ericsson Radio System AB

FCC ID NO.
B5KKRC12103-31

OCCUPIED BANDWIDTH 26 dB POINTS

Modulation Sideband Spectrum
Measured Per TIA/IS-136/IS-138



Date: 14.JAN.2000 14:45:53

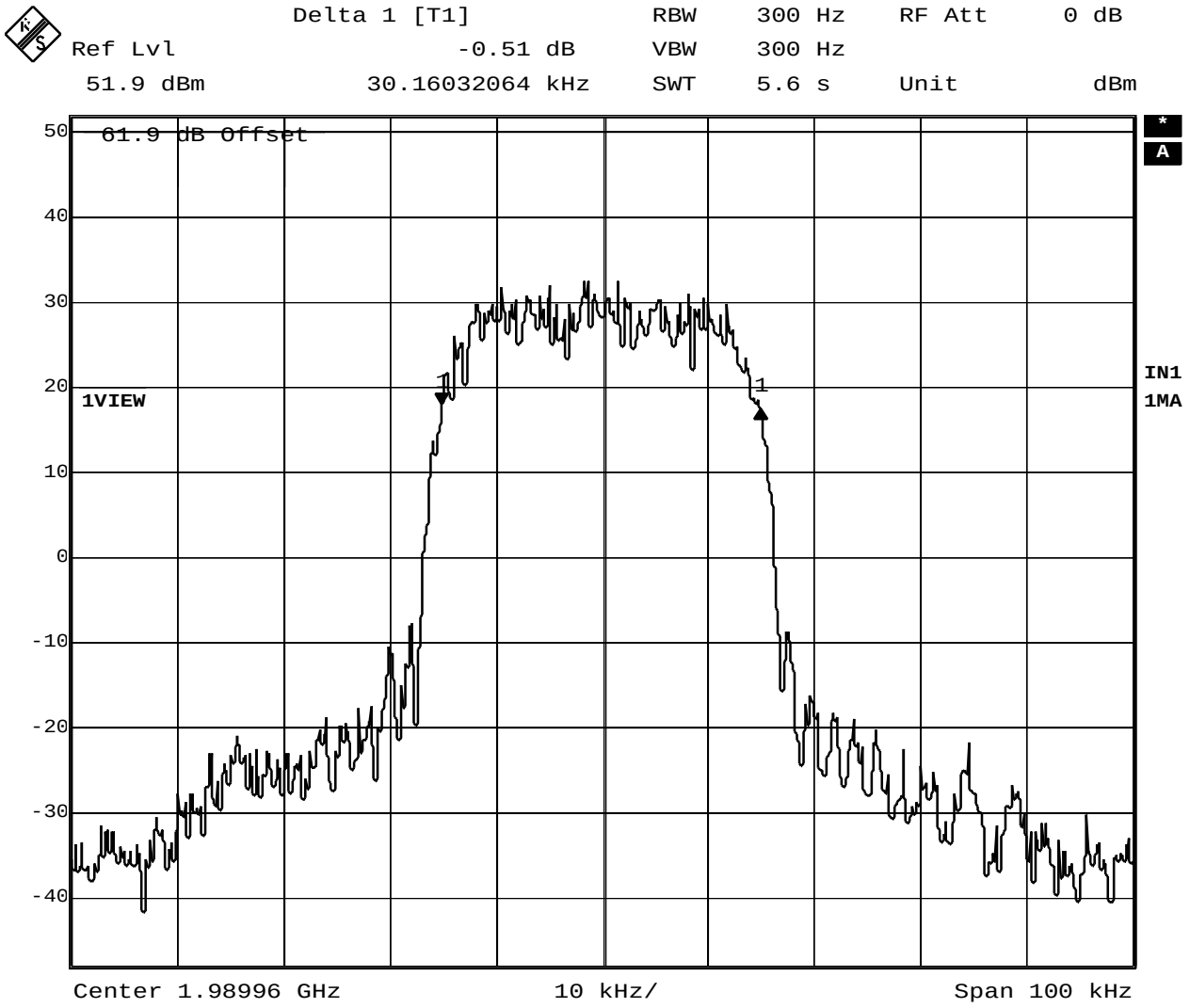
Channel 2 / Carrier frequency = 1930.08 MHz
Referenced to the Rated Power Output
Modulated with 48.6 kbs PSEUDORANDOM DATA

APPLICANT:
Ericsson Radio System AB

FCC ID NO.
B5KKRC12103-31

OCCUPIED BANDWIDTH 26 dB POINTS

Modulation Sideband Spectrum
Measured Per TIA/IS-136/IS-138



Date: 14.JAN.2000 15:11:43

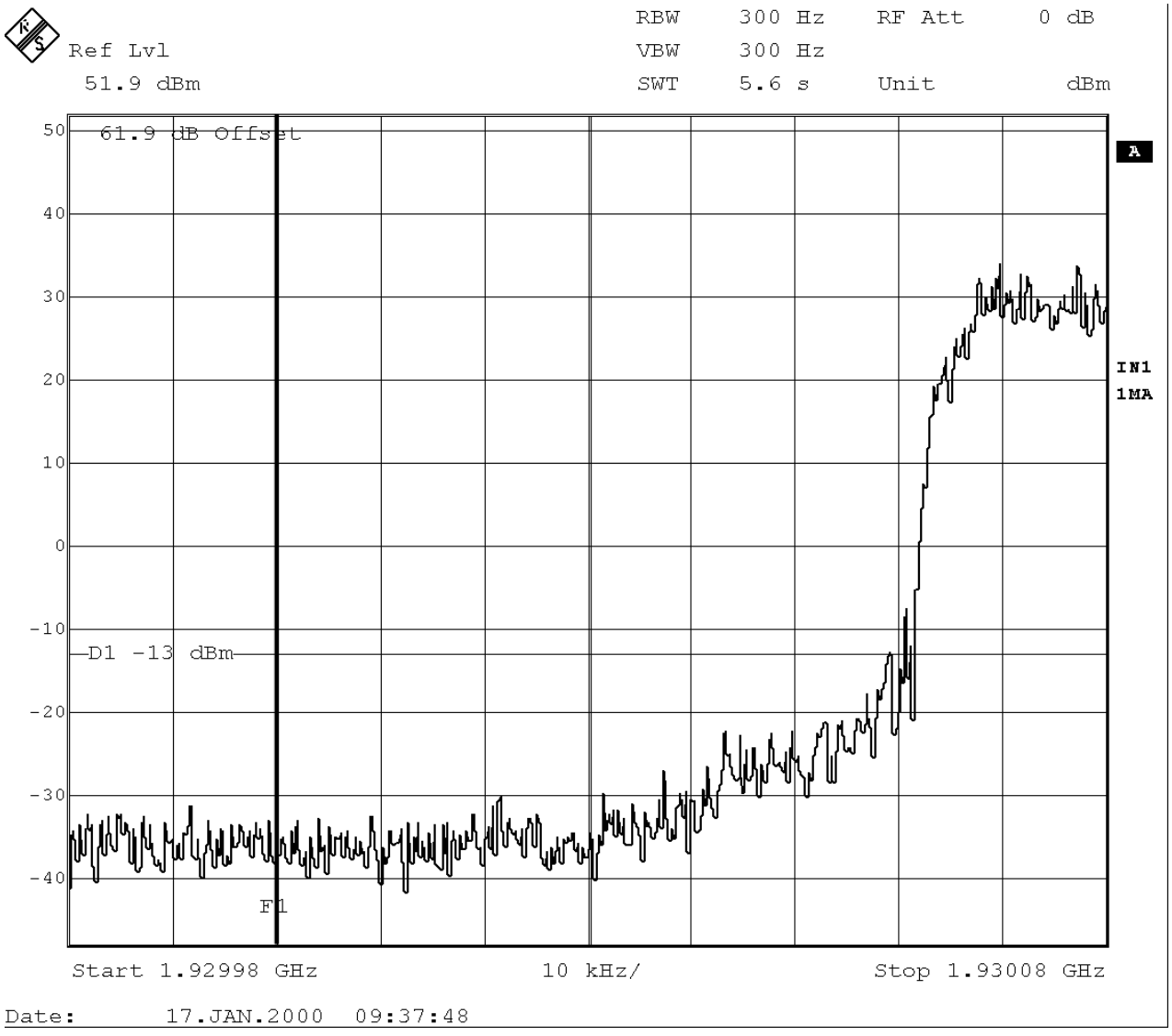
Channel 1998 / Carrier frequency = 1989.96 MHz
Referenced to the Rated Power Output
Modulated with 48.6 kbs PSEUDORANDOM DATA

APPLICANT:
Ericsson Radio System AB

FCC ID NO.
B5KKRC12103-31

OCCUPIED BANDWIDTH BAND EDGES

Modulation Sideband Spectrum
Measured Per TIA/IS-136/IS-138



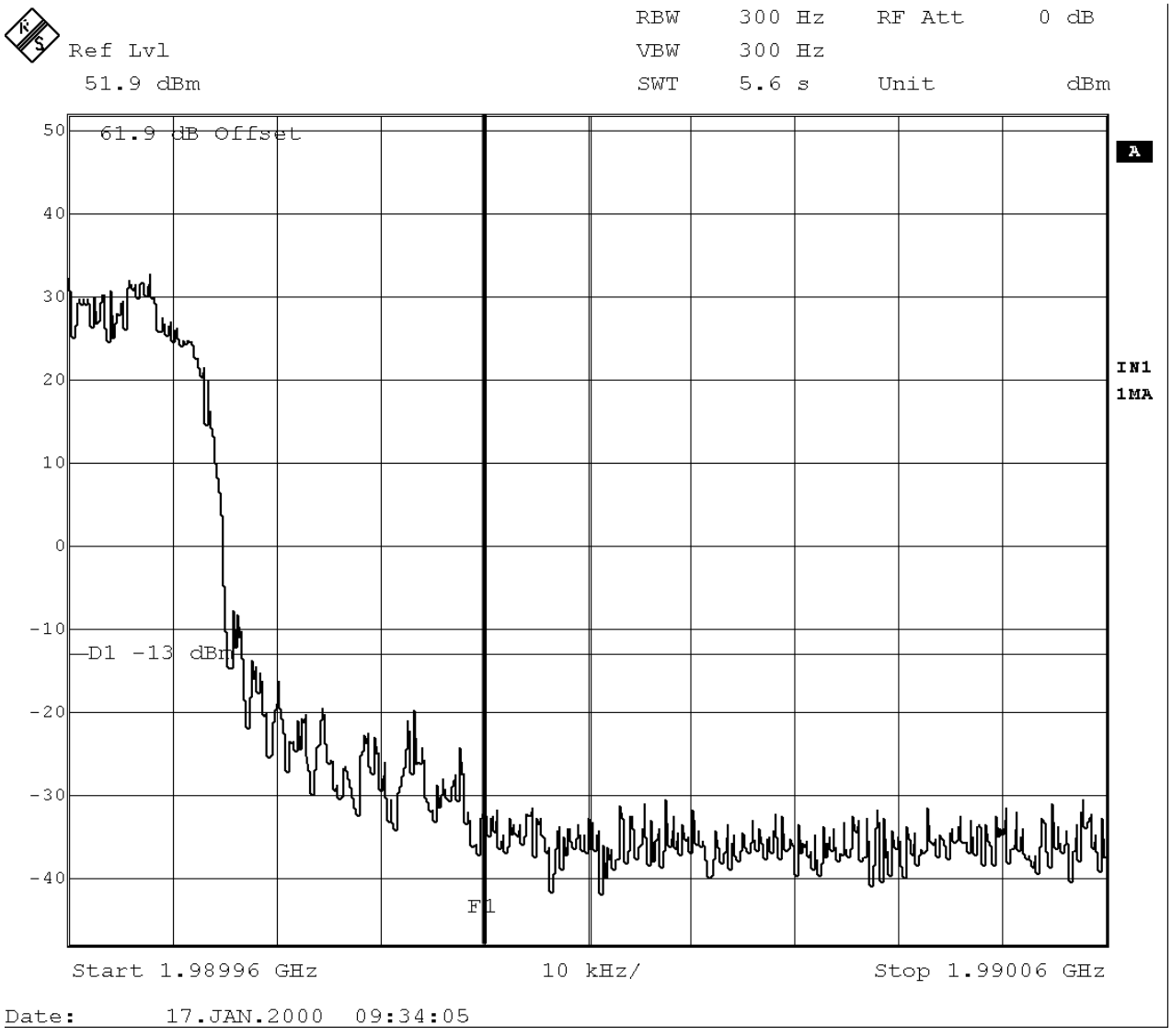
Channel 2 / Carrier frequency = 1930.08 MHz
Referenced to the Rated Power Output
Modulated with 48.6 kbs PSEUDORANDOM DATA

APPLICANT:
Ericsson Radio System AB

FCC ID NO.
B5KKRC12103-31

OCCUPIED BANDWIDTH BAND EDGES

Modulation Sideband Spectrum
Measured Per TIA/IS-136/IS-138



Channel 1998 / Carrier frequency = 1989.96 MHz
Referenced to the Rated Power Output
Modulated with 48.6 kbs PSEUDORANDOM DATA

APPLICANT:
Ericsson Radio System AB

FCC ID NO.
B5KKRC12103-31

CONDUCTED SPURIOUS EMISSIONS

2.1051 Conducted Spurious Emissions

Spurious emissions at the antenna terminal (conducted) when properly loaded with an appropriate artificial antenna were measured per EIA/IS-138 § 3.4.2.

Equipment used:

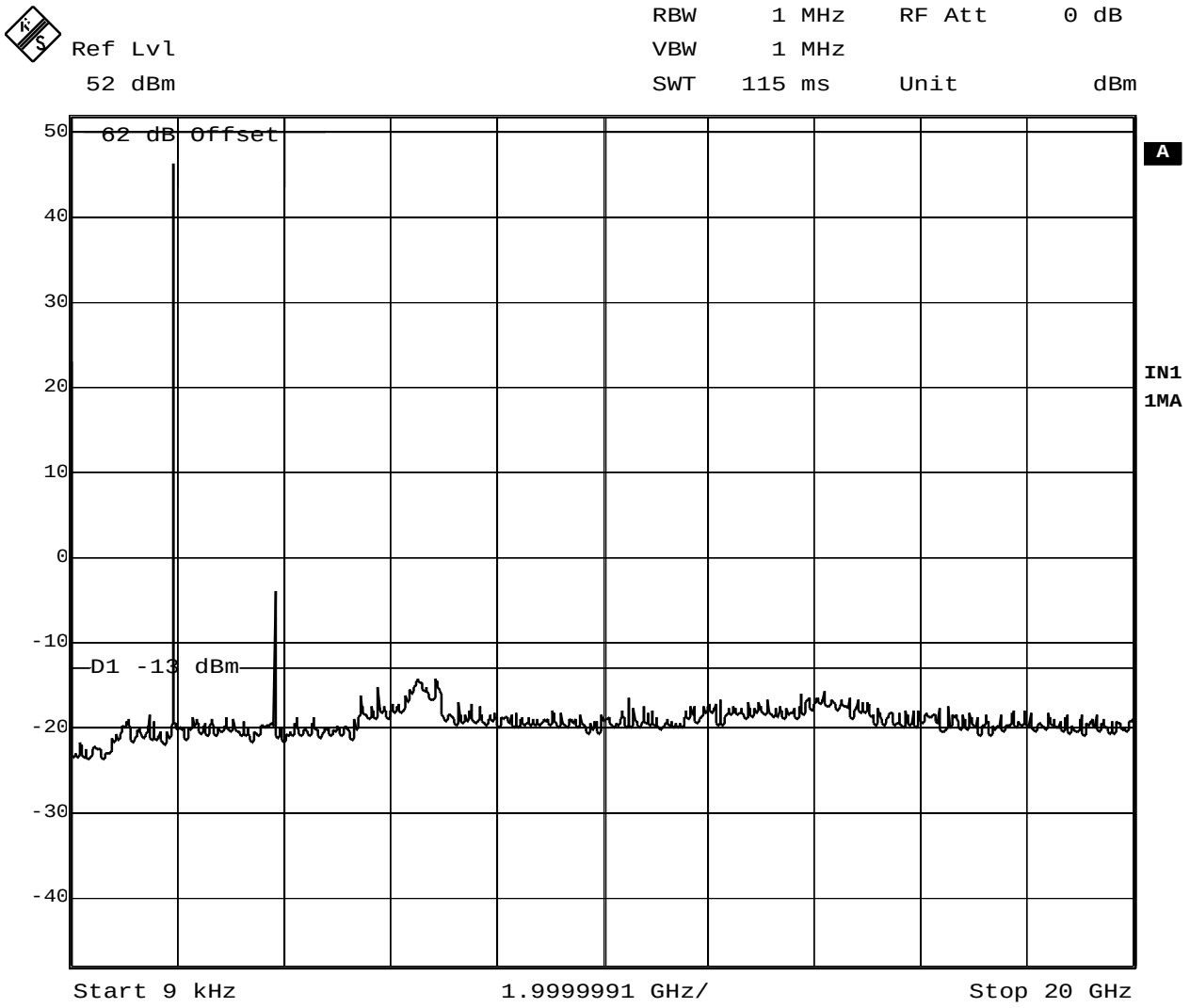
Rohde & Schwarz ESI 40, EMI Test Receiver
Including:
Spectrum Analyzer, 20 Hz-40 GHz
EMI Receiver, 20 Hz-40 GHz
Option FSE-B7 Signal Vector Analysis

APPLICANT:
Ericsson Radio System AB

FCC ID NO.
B5KKRC12103-31

CONDUCTED SPURIOUS EMISSIONS DIGITAL MODE

Conducted Spurious Emission
Measured Per TIA/IS-136/IS-138



Date: 8.DEC.1999 15:26:35

Rated Power Output = 28 Watt
Channel 2 / Carrier frequency = 1930.08 MHz
Modulated with 48.6 kbs PSEUDORANDOM DATA

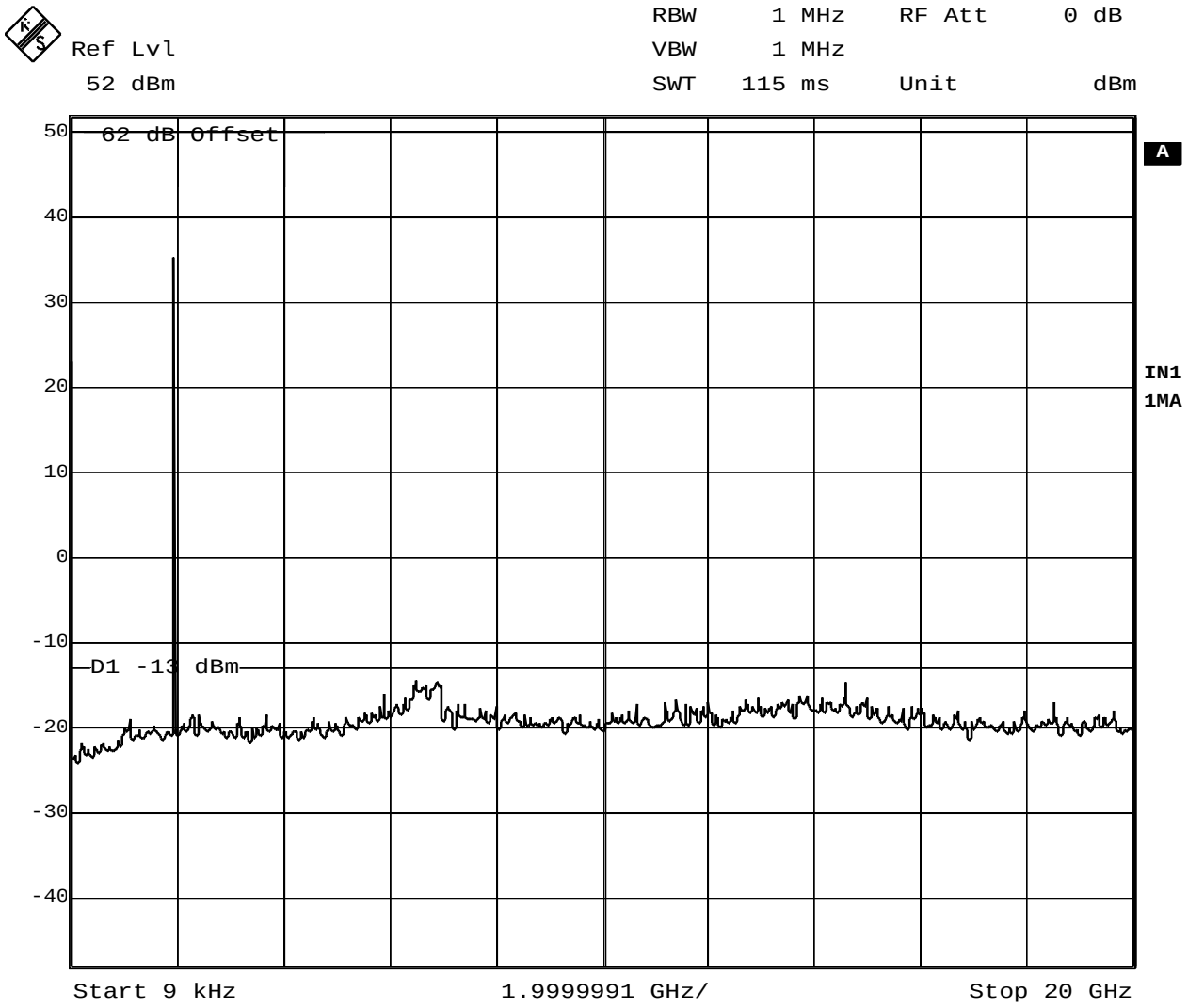
Note: Measured without bandpass filter on TRX output.
See description of Spurious and Harmonic
Suppression in Exhibit 5A.

APPLICANT:
Ericsson Radio System AB

FCC ID NO.
B5KKRC12103-31

CONDUCTED SPURIOUS EMISSIONS DIGITAL MODE

Conducted Spurious Emission
Measured Per TIA/IS-136/IS-138



Date: 8.DEC.1999 15:17:28

Rated Power Output = 28 Watt
Channel 2 / Carrier frequency = 1930.08 MHz
Modulated with 48.6 kbs PSEUDORANDOM DATA

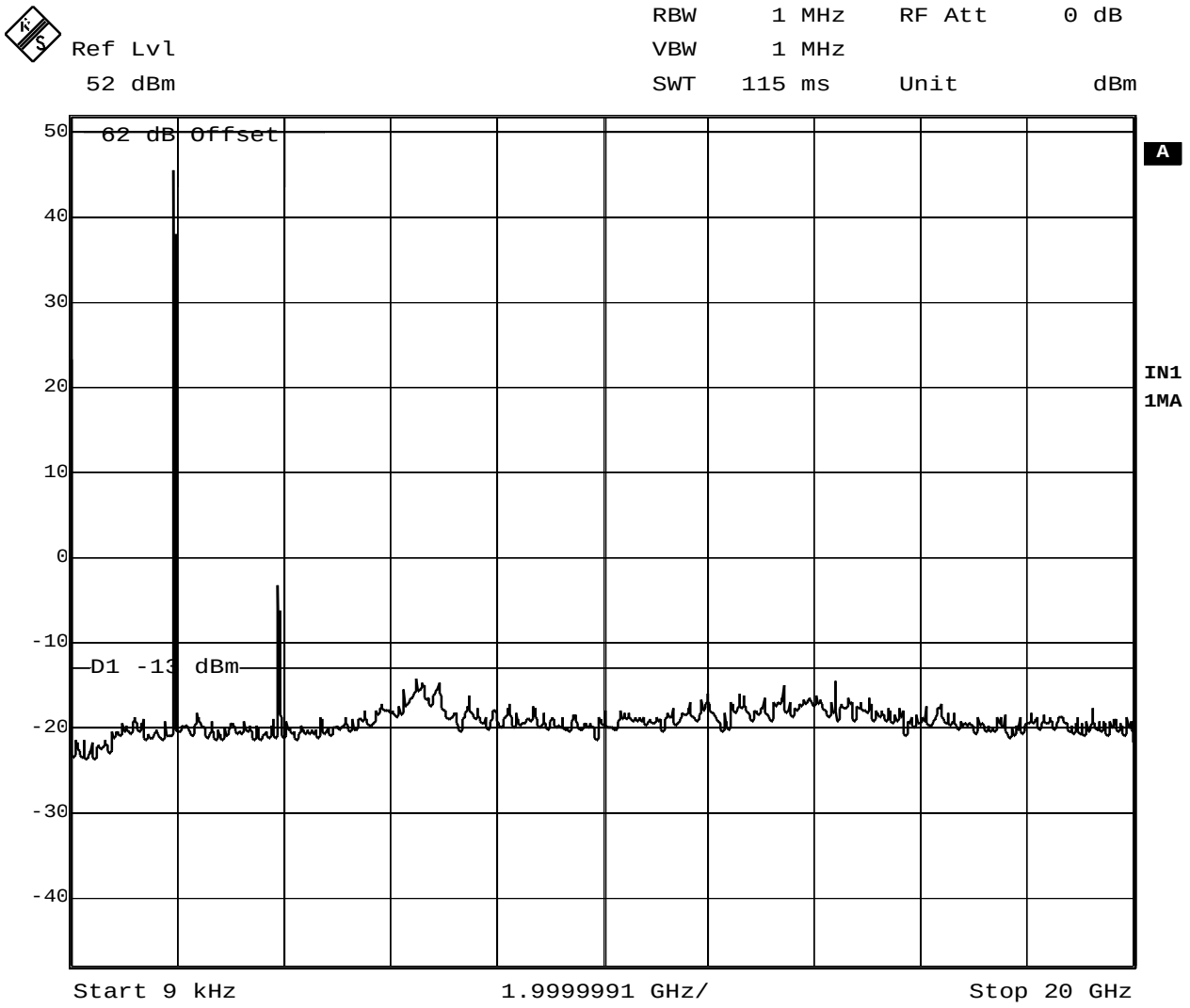
Note: Measured **with** bandpass filter on TRX output.
See description of Spurious and Harmonic
Suppression in Exhibit 5A.

APPLICANT:
Ericsson Radio System AB

FCC ID NO.
B5KKRC12103-31

CONDUCTED SPURIOUS EMISSIONS DIGITAL MODE

Conducted Spurious Emission
Measured Per TIA/IS-136/IS-138



Date: 8.DEC.1999 15:28:03

Rated Power Output = 28 Watt
Channel 1000 / Carrier frequency = 1960.02 MHz
Modulated with 48.6 kbs PSEUDORANDOM DATA

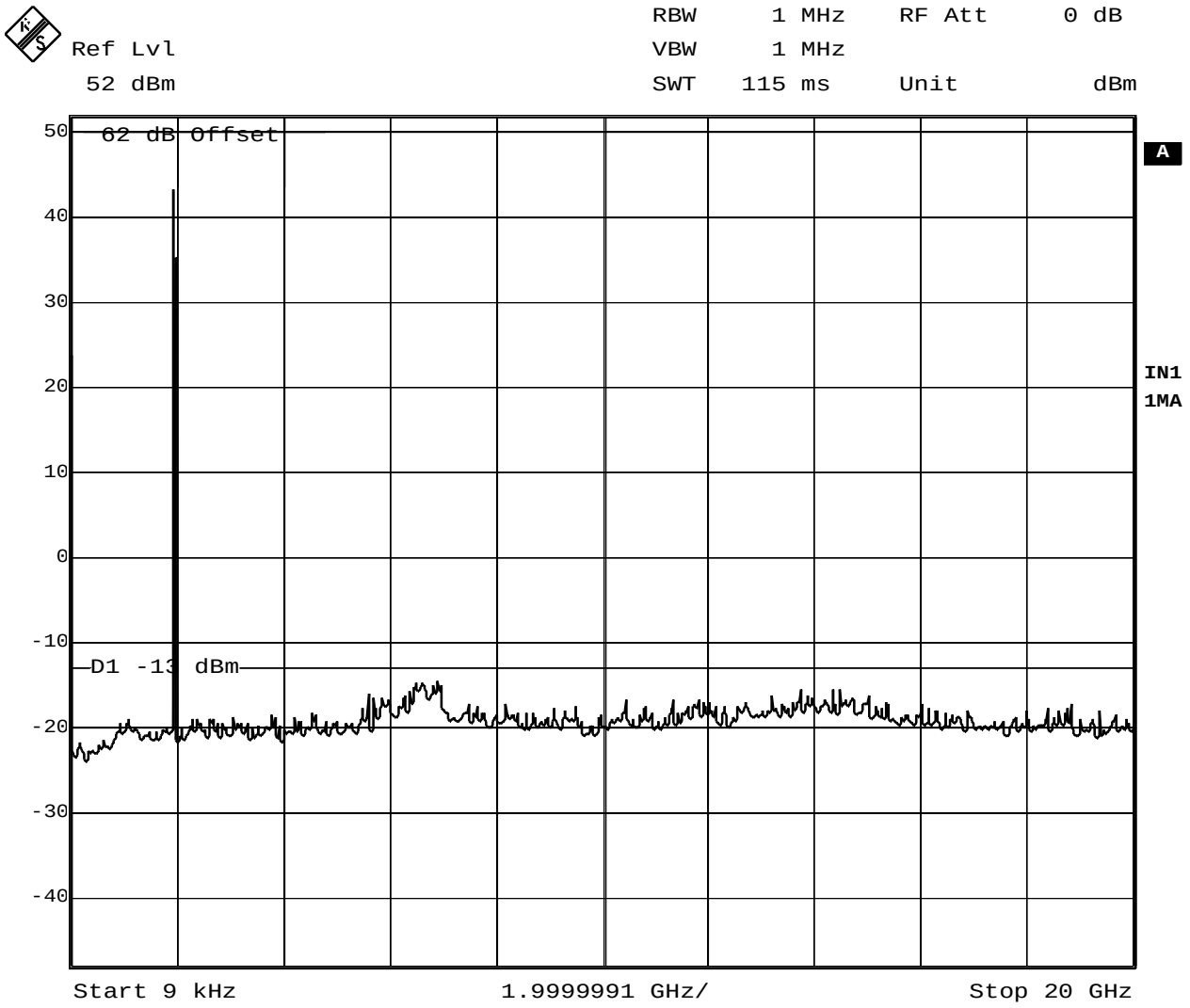
Note: Measured without bandpass filter on TRX output.
See description of Spurious and Harmonic
Suppression in Exhibit 5A.

APPLICANT:
Ericsson Radio System AB

FCC ID NO.
B5KKRC12103-31

CONDUCTED SPURIOUS EMISSIONS DIGITAL MODE

Conducted Spurious Emission
Measured Per TIA/IS-136/IS-138



Date: 8.DEC.1999 15:19:30

Rated Power Output = 28 Watt
Channel 1000 / Carrier frequency = 1960.02 MHz
Modulated with 48.6 kbs PSEUDORANDOM DATA

Note: Measured **with** bandpass filter on TRX output.
See description of Spurious and Harmonic
Suppression in Exhibit 5A.

APPLICANT:
Ericsson Radio System AB

FCC ID NO.
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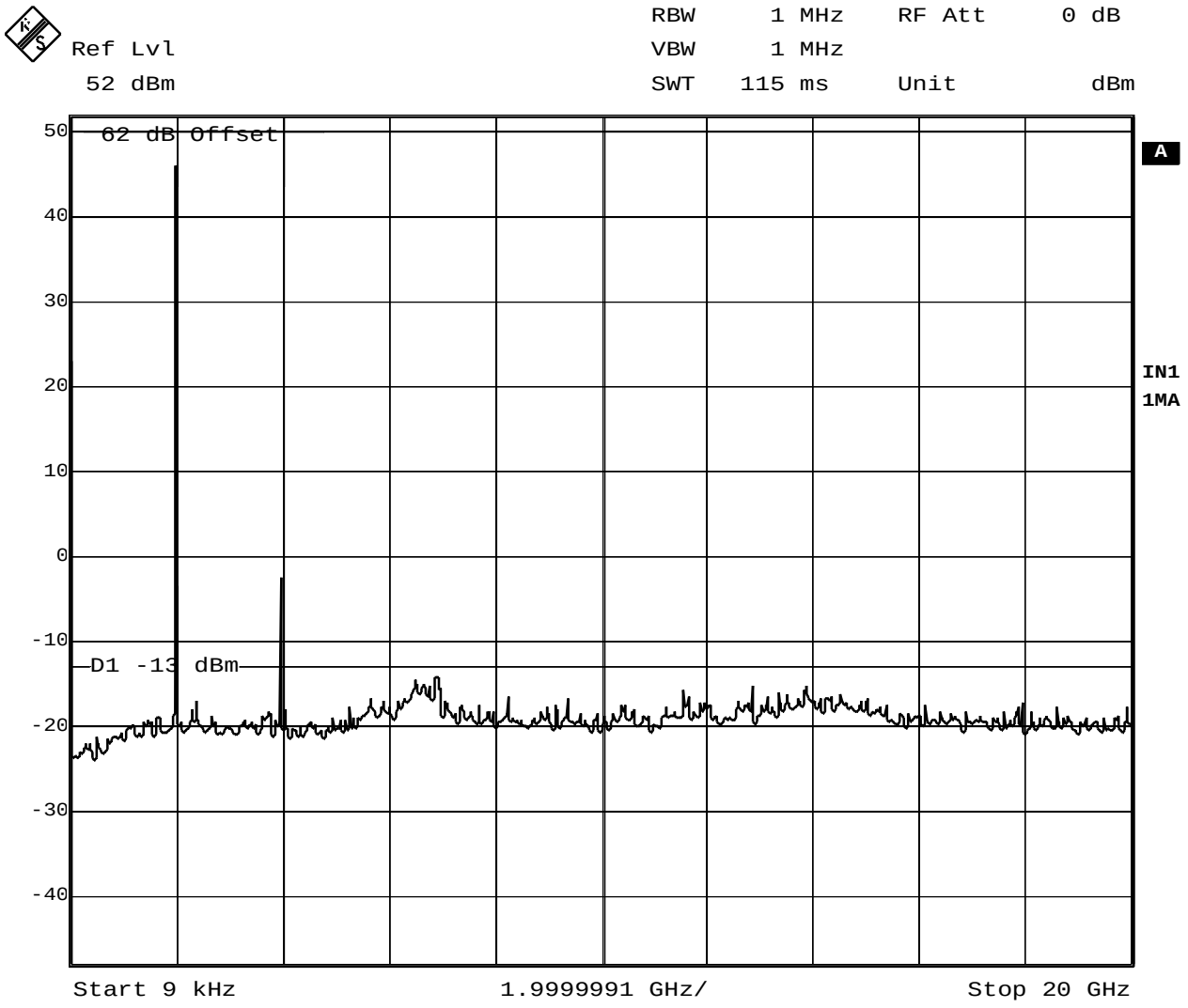
CONDUCTED SPURIOUS EMISSIONS DIGITAL MODE

Conducted Spurious Emission
Measured Per TIA/IS-136/IS-138



Date: 8.DEC.1999 15:28:44

Rated Power Output = 28 Watt
Channel 1998 / Carrier frequency = 1989.96 MHz
Modulated with 48.6 kbs PSEUDORANDOM DATA

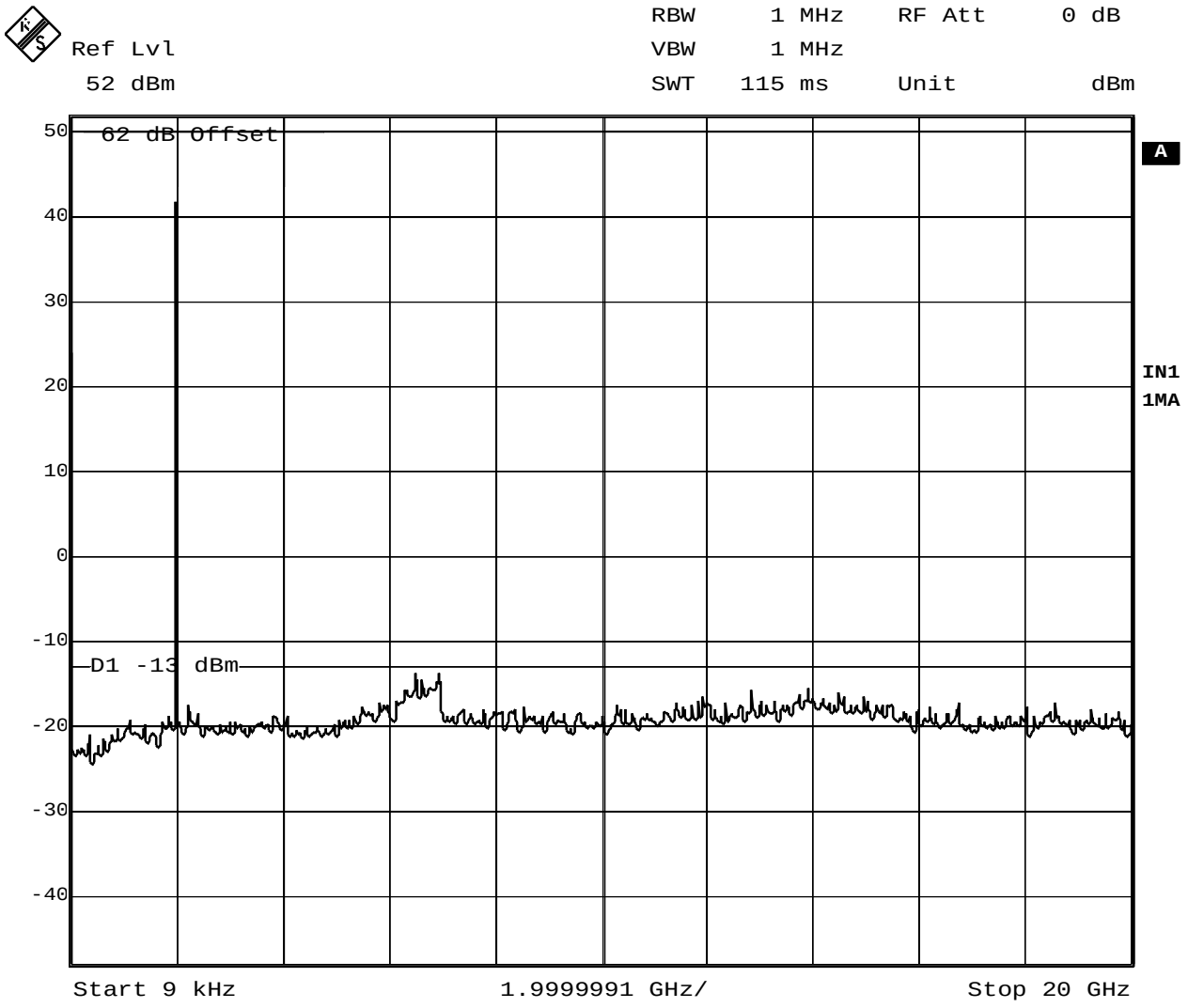
Note: Measured without bandpass filter on TRX output.
See description of Spurious and Harmonic
Suppression in Exhibit 5A.

APPLICANT:
Ericsson Radio System AB

FCC ID NO.
B5KKRC12103-31

CONDUCTED SPURIOUS EMISSIONS DIGITAL MODE

Conducted Spurious Emission
Measured Per TIA/IS-136/IS-138



Date: 8.DEC.1999 15:22:56

Rated Power Output = 28 Watt
Channel 1998 / Carrier frequency = 1989.96 MHz
Modulated with 48.6 kbs PSEUDORANDOM DATA

Note: Measured **with** bandpass filter on TRX output.
See description of Spurious and Harmonic Suppression in Exhibit 5A.

APPLICANT:
Ericsson Radio System AB

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RADIATED SPURIOUS EMISSIONS MACRO DIGITAL MODE

2.1053 Field Strength of Spurious Radiation

Ref. 2.1053 field strength of spurious emissions was measured on our 3 meter range. The measurement procedure is per EIA/IS-138.

APPLICANT:
Ericsson Radio System AB

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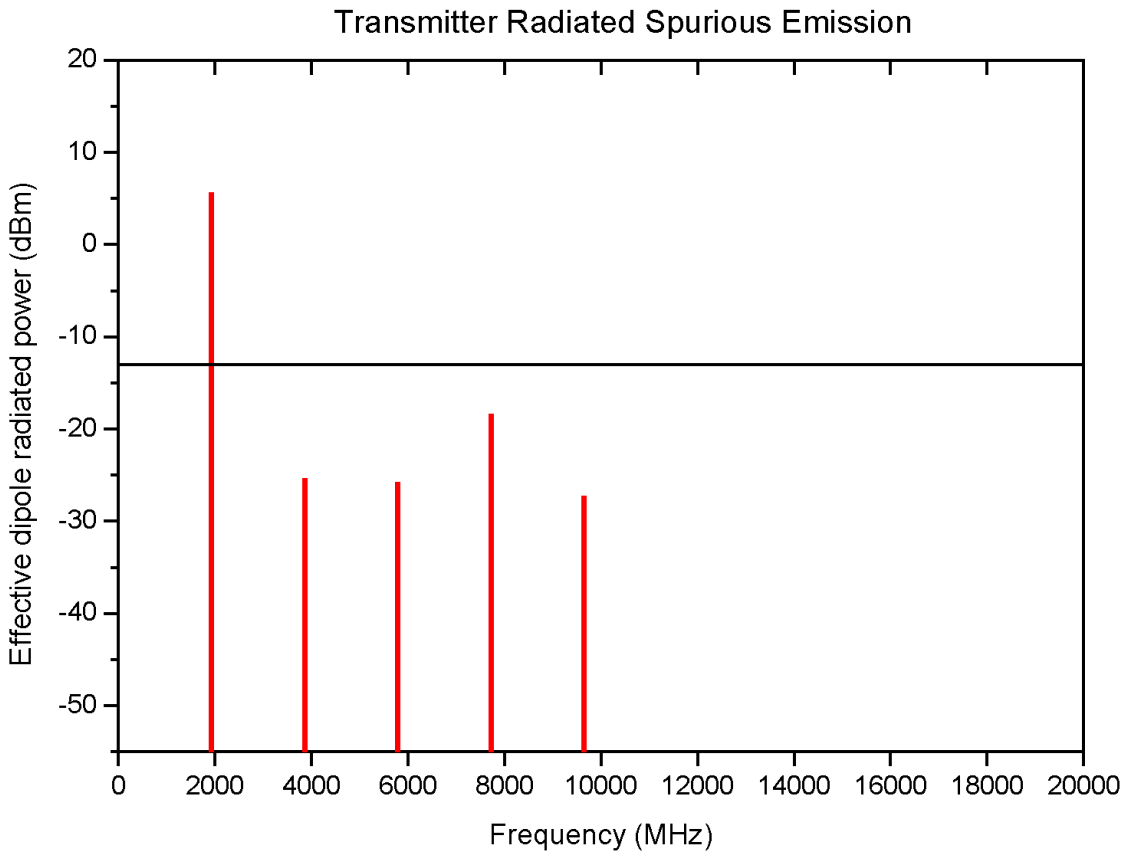
RADIATED SPURIOUS EMISSIONS MACRO DIGITAL MODE

Radiated Spurious Emission
Measured Per TIA/IS-136/IS-138



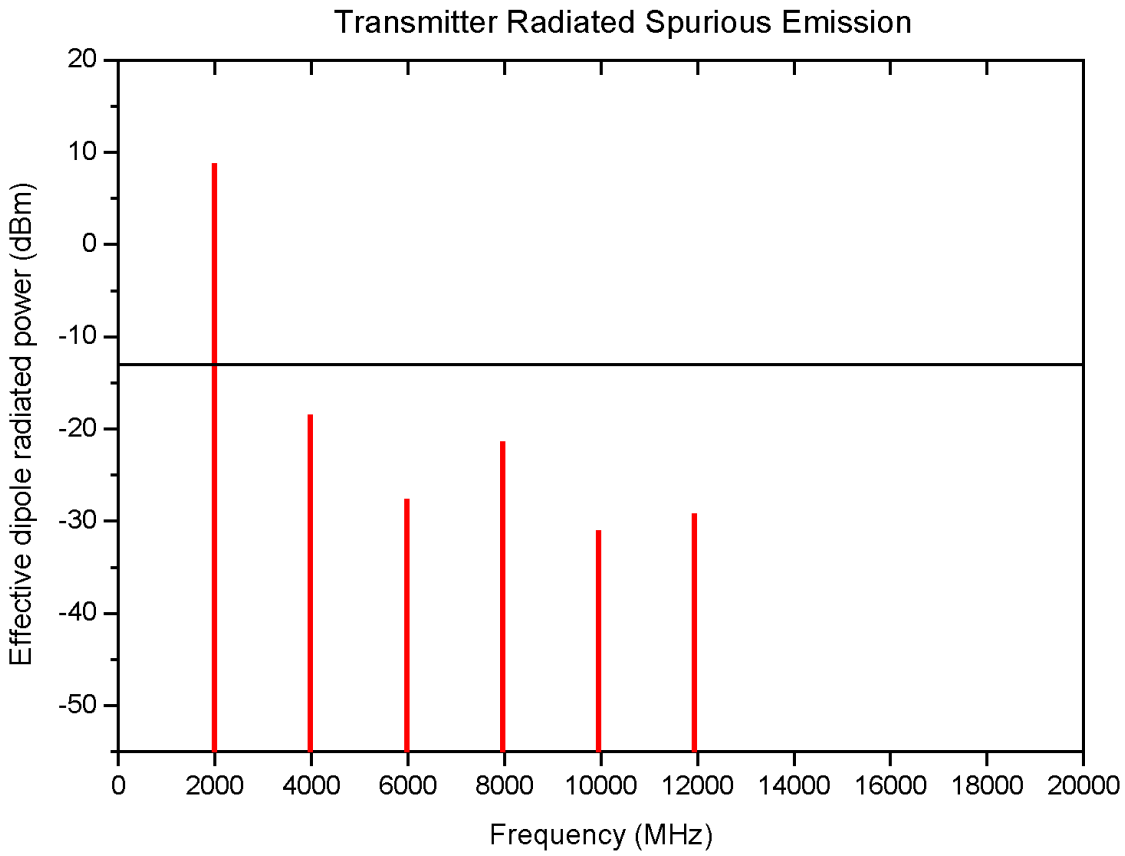
Rated Power Output = 28 Watt
Channel 2 / Carrier frequency = 1930.08 MHz
Modulated with 48.6 kbs PSEUDORANDOM DATA

APPLICANT:
Ericsson Radio System AB

FCC ID NO.
B5KKRC12103-31

RADIATED SPURIOUS EMISSIONS MACRO DIGITAL MODE

Radiated Spurious Emission
Measured Per TIA/IS-136/IS-138



Rated Power Output = 28 Watt
Channel 1998 / Carrier frequency = 1989.96 MHz
Modulated with 48.6 kbs PSEUDORANDOM DATA

APPLICANT:
Ericsson Radio System AB

FCC ID NO.
B5KKRC12103-31

FREQUENCY STABILITY MACRO WITH CRI

2.1055 (a,b,d) Output Frequency

Variation of output frequency as a result of either temperature or voltage variation is reported in the graphs on the following pages. The measurements were made per TIA/ IS-136/IS-138.

Equipment used:

Rohde & Schwarz ESI 40, EMI Test Receiver
Including:
Spectrum Analyzer, 20 Hz-40 GHz
EMI Receiver, 20 Hz-40 GHz
Option FSE-B7 Signal Vector Analysis

SATT Stand Alone Test Tool

MB Teknik Walk-in temperature chamber with Internal calibrated temperature control.

The R&S ESI 40 was hooked up to a external 10 MHz reference standard during the measurements.

The SATT (Stand Alone Test Tool) was hooked up to a 10 MHz reference standard from a HP89441 Vector Signal Analyzer during the measurements.

APPLICANT:
Ericsson Radio System AB

FCC ID NO.
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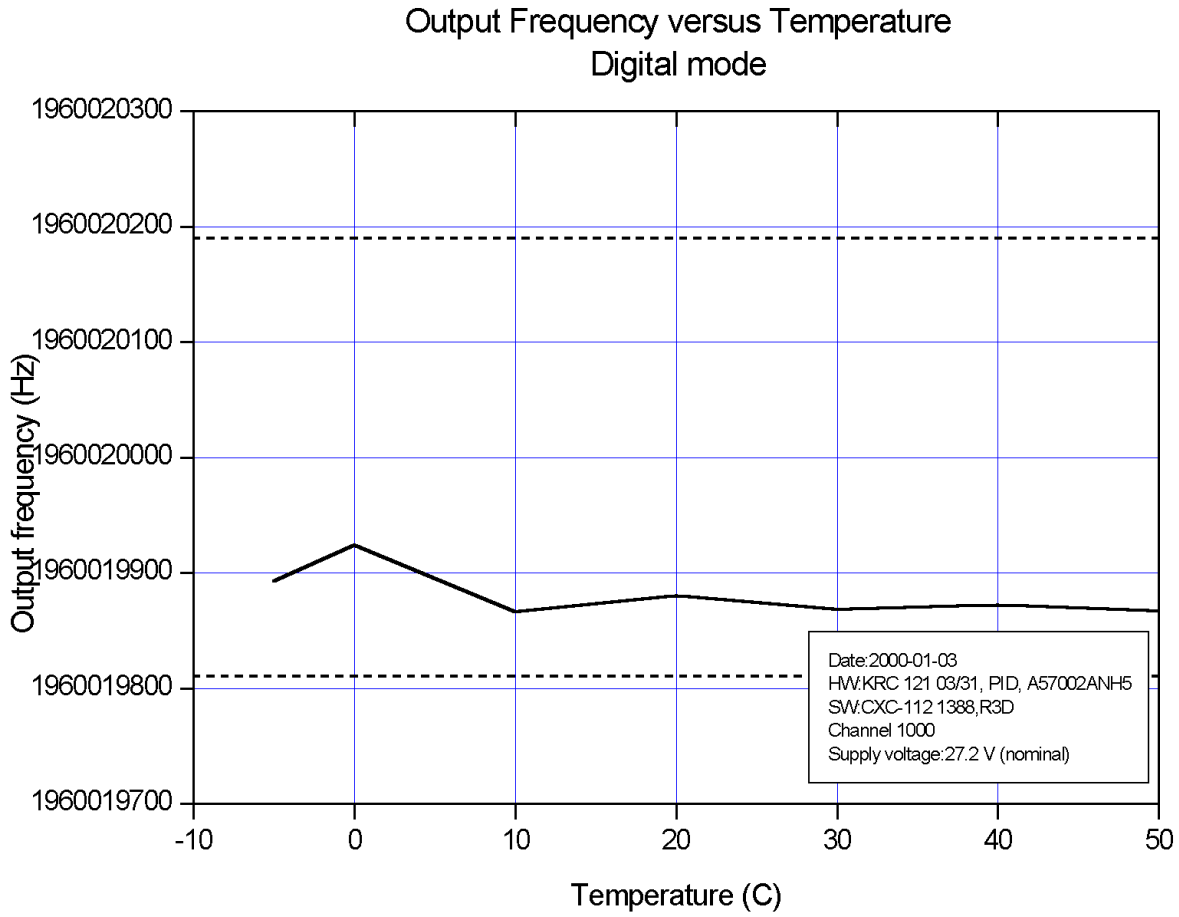
FREQUENCY STABILITY MACRO WITH CRI

2.1055 (a,b,d) Output Frequency versus Temperature



Channel 1000 Output Power 44.5 dBm
Supply Voltage:27.2 V (nominal)

APPLICANT:
Ericsson Radio System AB

FCC ID NO.
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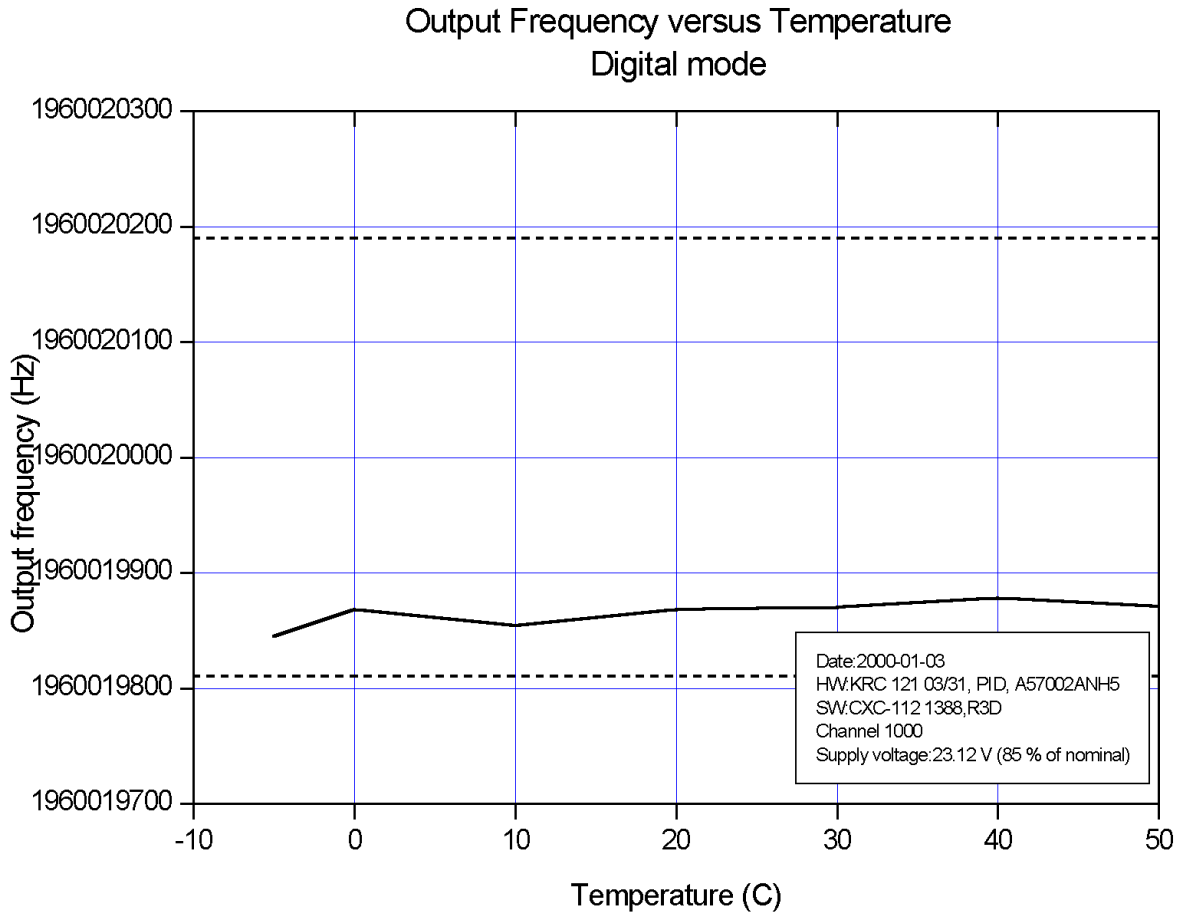
FREQUENCY STABILITY MACRO WITH CRI

2.1055 (a,b,d) Output Frequency versus Temperature



Channel 1000 Output Power 44.5 dBm
Supply Voltage:23.12 V (85% of nominal)

APPLICANT:
Ericsson Radio System AB

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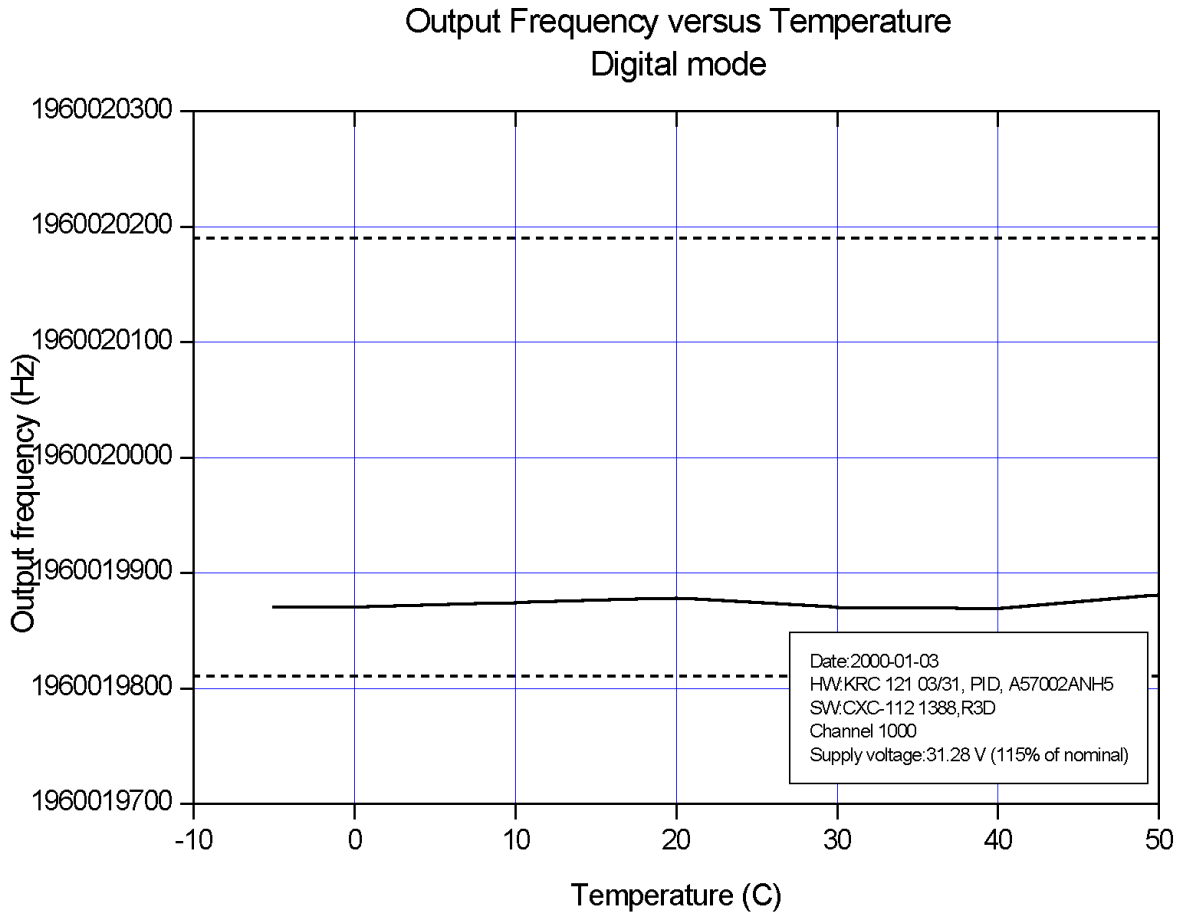
FREQUENCY STABILITY MACRO WITH CRI

2.1055 (a,b,d) Output Frequency versus Temperature



Channel 1000 Output Power 44.5 dBm
Supply Voltage:31.28 V (115% of nominal)