APPLICANT:
Ericsson Radio System AB

FCC ID NO.
B5KKRC12110-31

EXHIBIT 6 – COVER SHEET

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APPLICANT:
Ericsson Radio System AB

FCC ID NO.
B5KKRC12110-31

EXHIBIT 6 – COVER SHEET CONTINUED

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APPLICANT:
Ericsson Radio System AB

FCC ID NO.
B5KKRC12110-31

EXHIBIT 6 – COVER SHEET CONTINUED

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APPLICANT:
Ericsson Radio System AB

FCC ID NO.
B5KKRC12110-31

RF POWER OUTPUT

2.1046 (a) RF Power Output

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

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

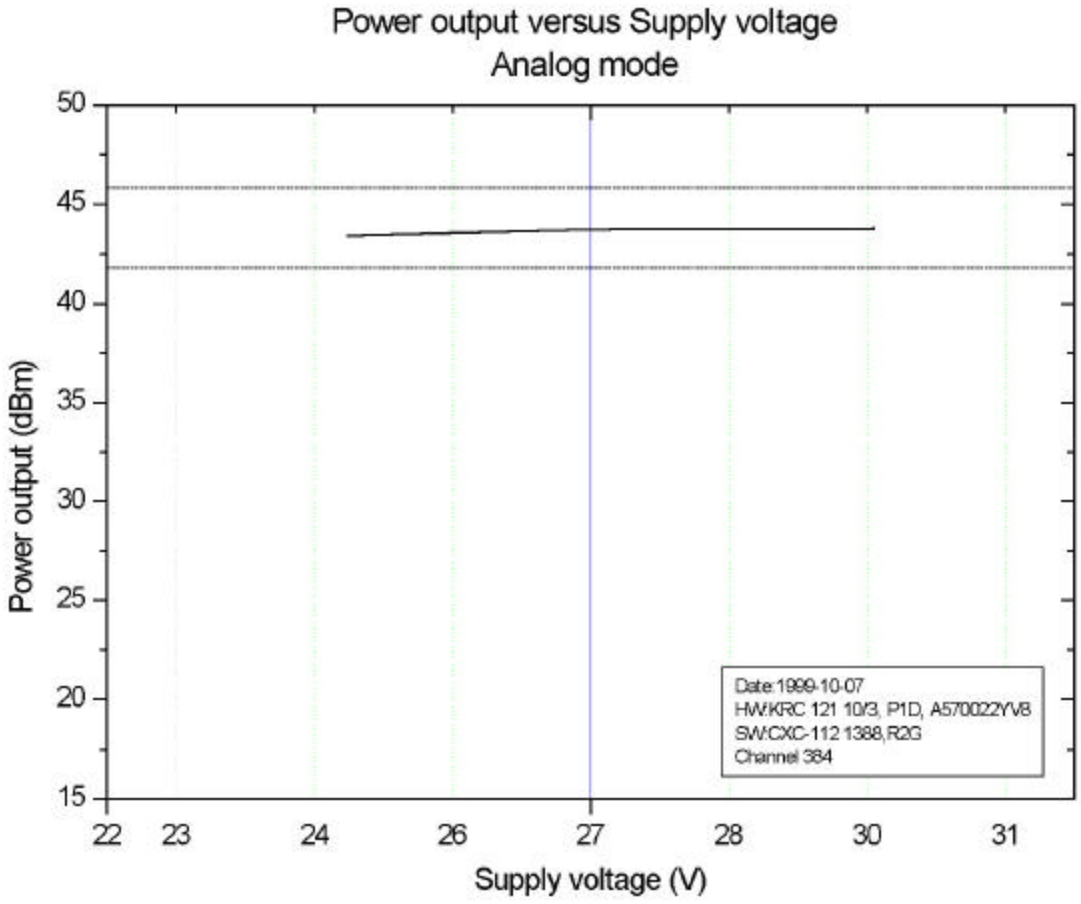
Radio frequency 50 ohm load attached to the output. The power was measured on a BONTOON RF Peak power meter/analyzer.

APPLICANT:
Ericsson Radio System AB

FCC ID NO.
B5KKRC12110-31

RF POWER OUTPUT ANALOG MODE

2.1046 (a) RF Power Output



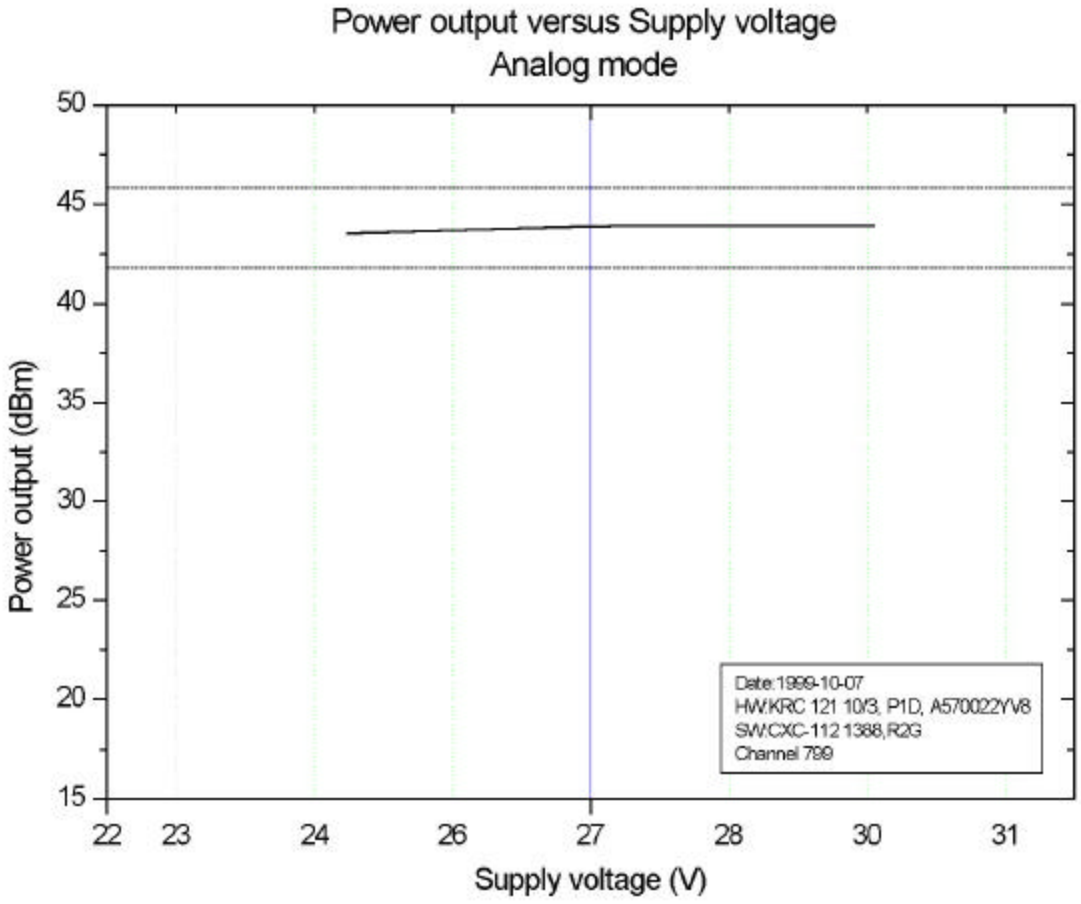
Channel 384 Output Power 44.8 dBm

APPLICANT:
Ericsson Radio System AB

FCC ID NO.
B5KKRC12110-31

RF POWER OUTPUT ANALOG MODE

2.1046 (a) RF Power Output



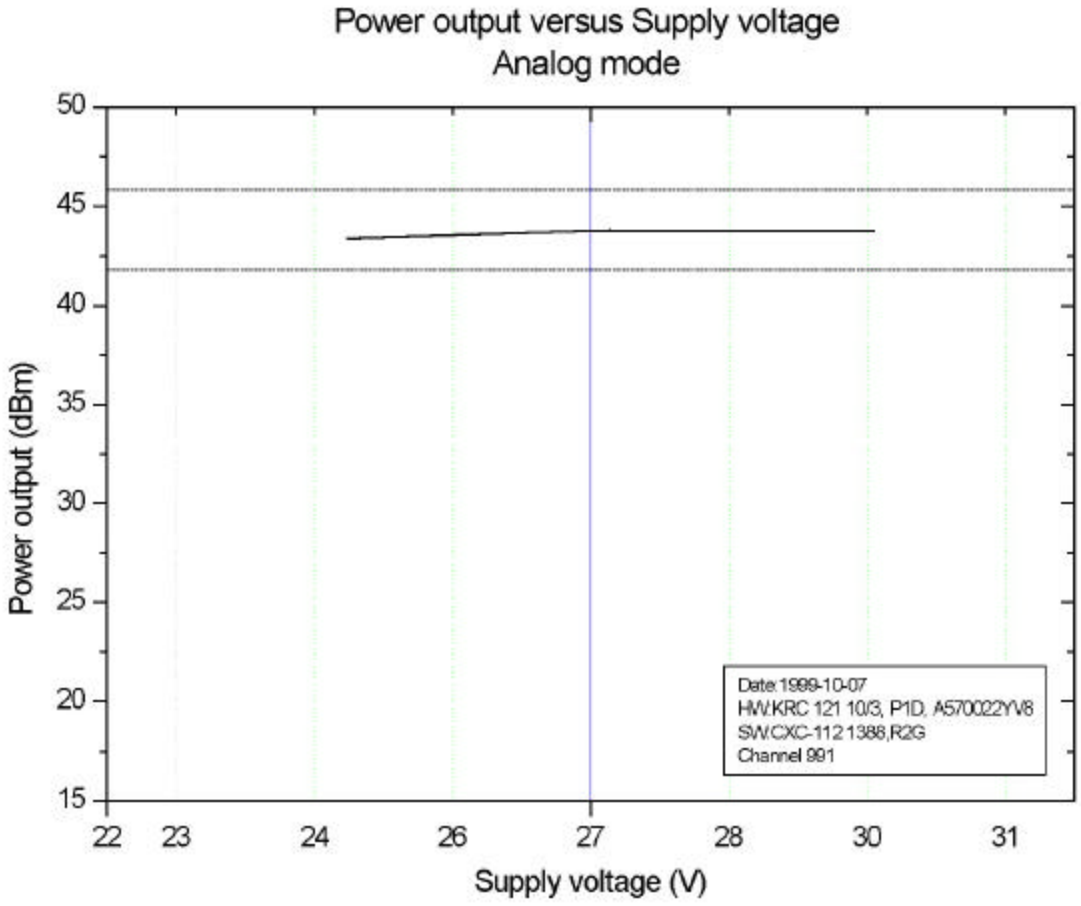
Channel 799 Output Power 44.8 dBm

APPLICANT:
Ericsson Radio System AB

FCC ID NO.
B5KKRC12110-31

RF POWER OUTPUT ANALOG MODE

2.1046 (a) RF Power Output



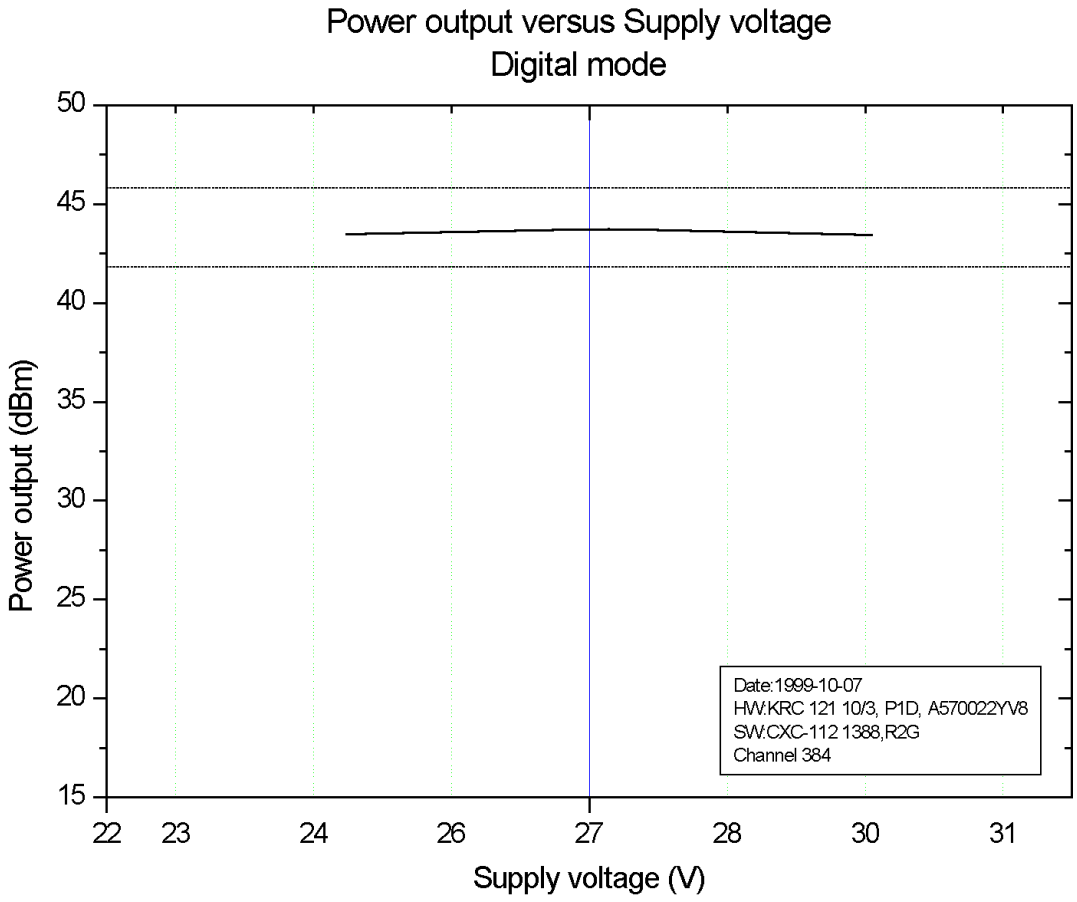
Channel 991 Output Power 44.8 dBm

APPLICANT:
Ericsson Radio System AB

FCC ID NO.
B5KKRC12110-31

RF POWER OUTPUT DIGITAL MODE

2.1046 (a) RF Power Output



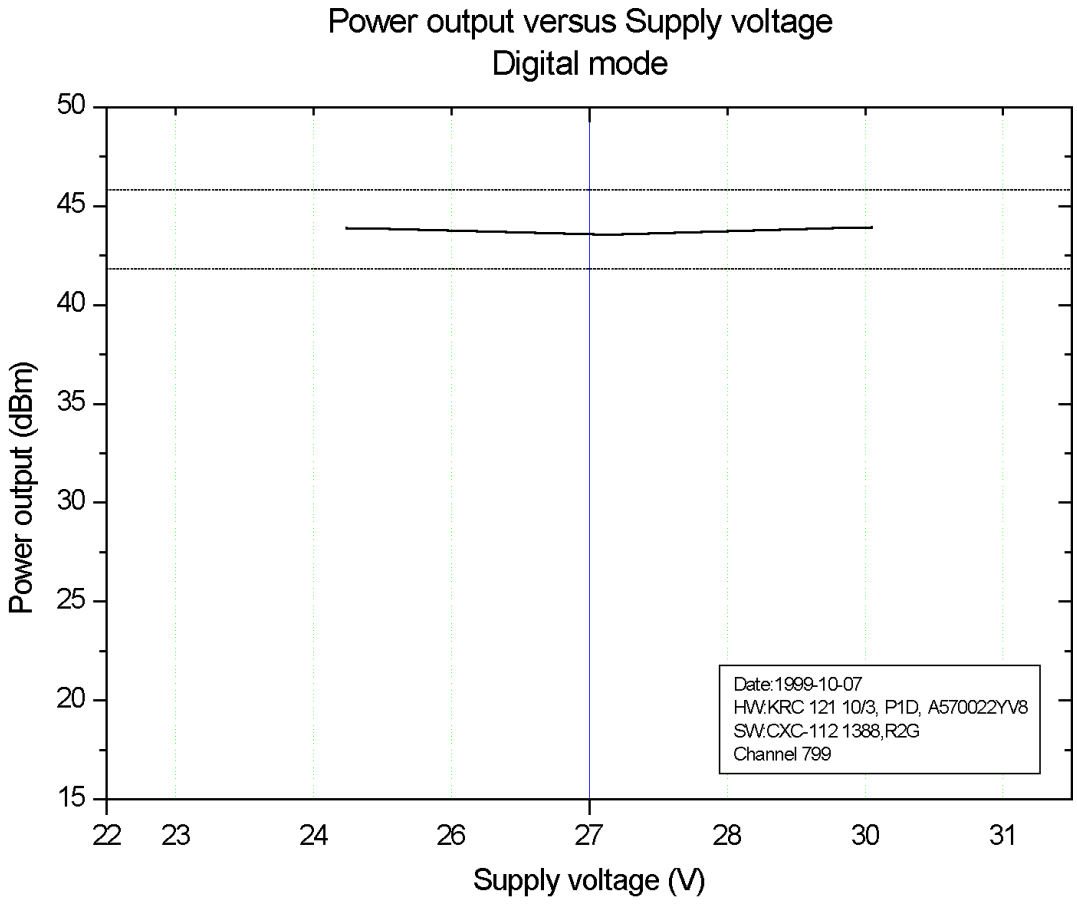
Channel 384 Output Power 44.8 dBm

APPLICANT:
Ericsson Radio System AB

FCC ID NO.
B5KKRC12110-31

RF POWER OUTPUT DIGITAL MODE

2.1046 (a) RF Power Output



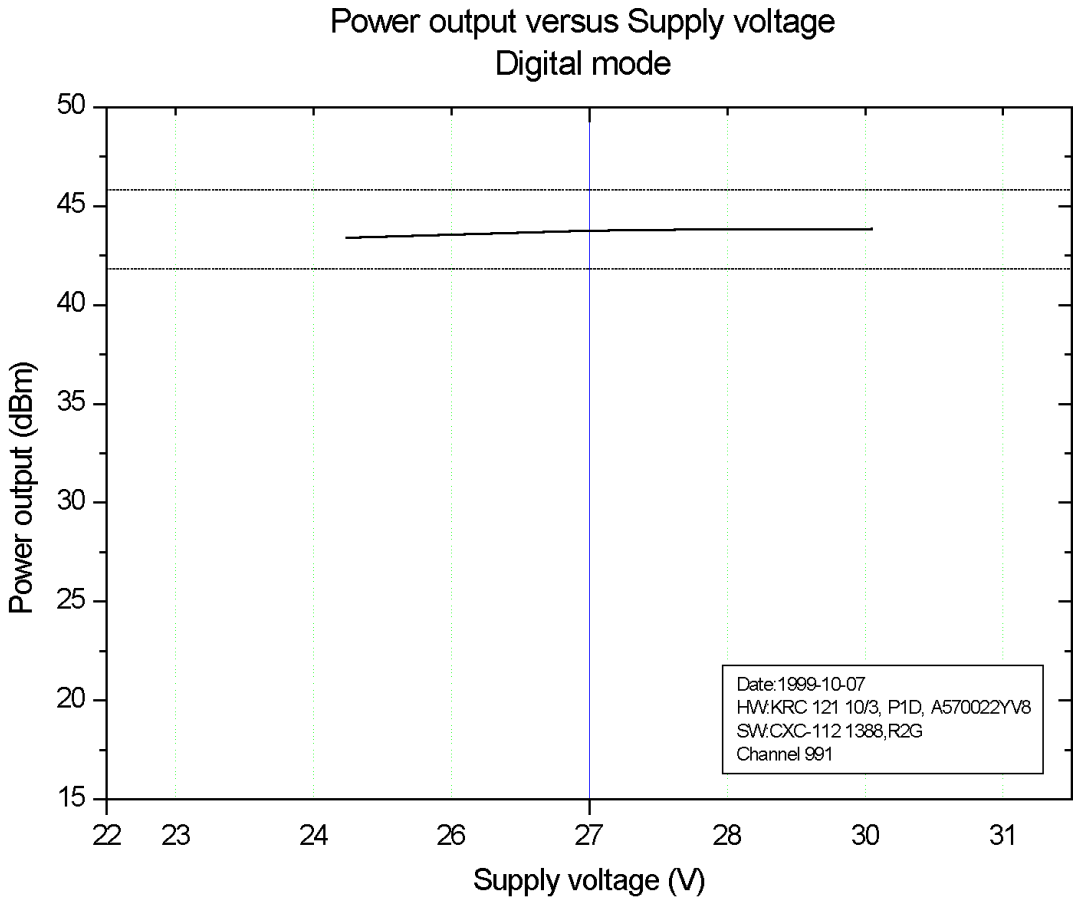
Channel 799 Output Power 44.8 dBm

APPLICANT:
Ericsson Radio System AB

FCC ID NO.
B5KKRC12110-31

RF POWER OUTPUT DIGITAL MODE

2.1046 (a) RF Power Output



Channel 991 Output Power 44.8 dBm

APPLICANT:
Ericsson Radio System AB

FCC ID NO.
B5KKRC12110-31

MODULATION CHARACTERISTICS ANALOG MODE

2.1047 (b) Modulation Characteristics SAT

Chan.	Freq. (MHz)	Output Power (Watts)	Peak Deviation (+/- kHz)
384	881.52	30.0	2.14/2.13
799	893.97	30.0	2.17/2.14
991	869.04	30.0	2.14/2.14

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

The input signal source was R&S CMTA 54 Radiocommunication analyzer.
The input signal was fed through a custom made audio-PCM-converter named Claudio.
Radio frequency load 50 ohm attached to the output.
The peak deviation was measured on a Rohde & Schwarz CMTA 54, Radiocommunication analyzer.

APPLICANT:
Ericsson Radio System AB

FCC ID NO.
B5KKRC12110-31

MODULATION CHARACTERISTICS ANALOG MODE

2.1047 (b) Modulation Characteristics Wideband Data

Chan.	Freq. (MHz)	Output Power (Watts)	Peak Deviation (+/- kHz)
384	881.52	30.0	8.17/8.21
799	893.97	30.0	8.16/8.24
991	869.04	30.0	8.13/8.19

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

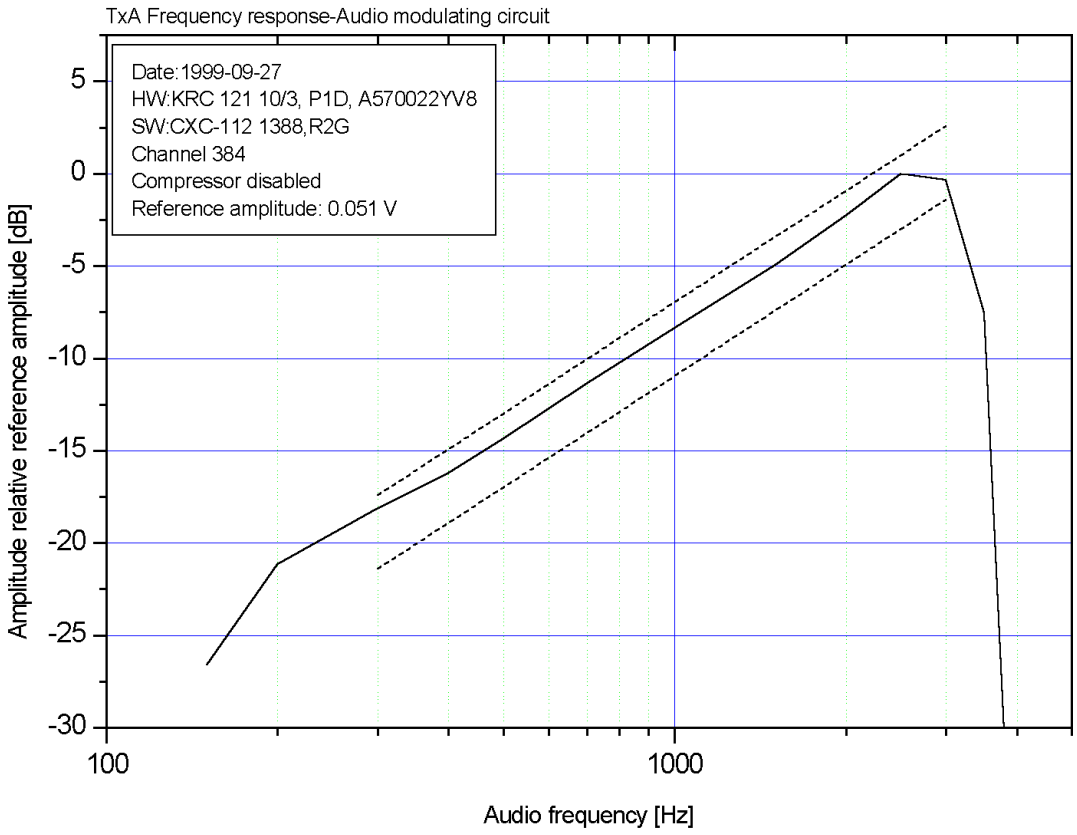
The input signal source was R&S CMTA 54 Radiocommunication analyzer.
The input signal was fed through a custom made audio-PCM-converter named Claudio.
Radio frequency load 50 ohm attached to the output.
The peak deviation was measured on a Rohde & Schwarz CMTA 54, Radiocommunication analyzer.

APPLICANT:
Ericsson Radio System AB

FCC ID NO.
B5KKRC12110-31

MODULATION CHARACTERISTICS ANALOG MODE

2.1047 (a,b) Modulation Characteristics Audio Modulating Circuit



The measurement was made per TIA/IS-136/ IS-138 using the following Equipment.
The input signal source was R&S CMTA 54 Radiocommunication analyzer.
The input signal was fed through a custom made audio-PCM-converter named Claudio.
Radio frequency load 50 ohm attached to the output.
The peak deviation was measured on a Rohde & Schwarz CMTA 54, Radiocommunication analyzer.

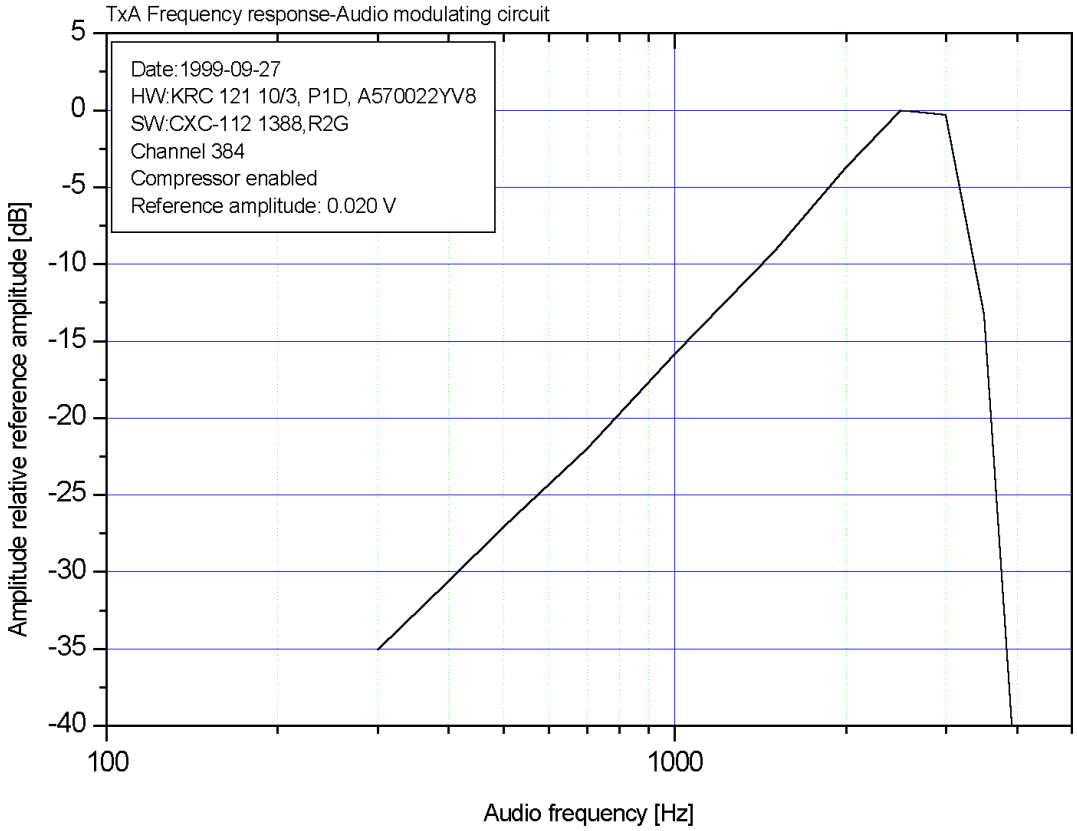
Note: In the RBS884 and RBS882 systems it is not possible for the TRX to operate without the compressor enabled.

APPLICANT:
Ericsson Radio System AB

FCC ID NO.
B5KKRC12110-31

MODULATION CHARACTERISTICS ANALOG MODE

2.1047 (a,b) Modulation Characteristics Audio Modulating Circuit



The measurement was made per TIA/IS-136/ IS-138 using the following Equipment.
The input signal source was R&S CMTA 54 Radiocommunication analyzer.
The input signal was fed through a custom made audio-PCM-converter named Claudio.
Radio frequency load 50 ohm attached to the output.
The peak deviation was measured on a Rohde & Schwarz CMTA 54, Radiocommunication analyzer.

Note: In the RBS884 and RBS882 systems it is not possible for the TRX to operate without the compressor enabled.

APPLICANT:
Ericsson Radio System AB

FCC ID NO.
B5KKRC12110-31

MODULATION CHARACTERISTICS ANALOG MODE

2.1047 (b) Modulation Characteristics Modulation Limiting

The measurement methods per TIA/IS-136/ IS-138 were used to obtain the results In the following exhibit.

The measurement was made using the following equipment.

The input signal source was R&S CMTA 54 Radiocommunication analyzer.
The input signal was fed through a custom made audio-PCM-converter named Claudio.
Radio frequency load 50 ohm attached to the output.
The peak deviation was measured on a Rohde & Schwarz CMTA 54, Radiocommunication analyzer.

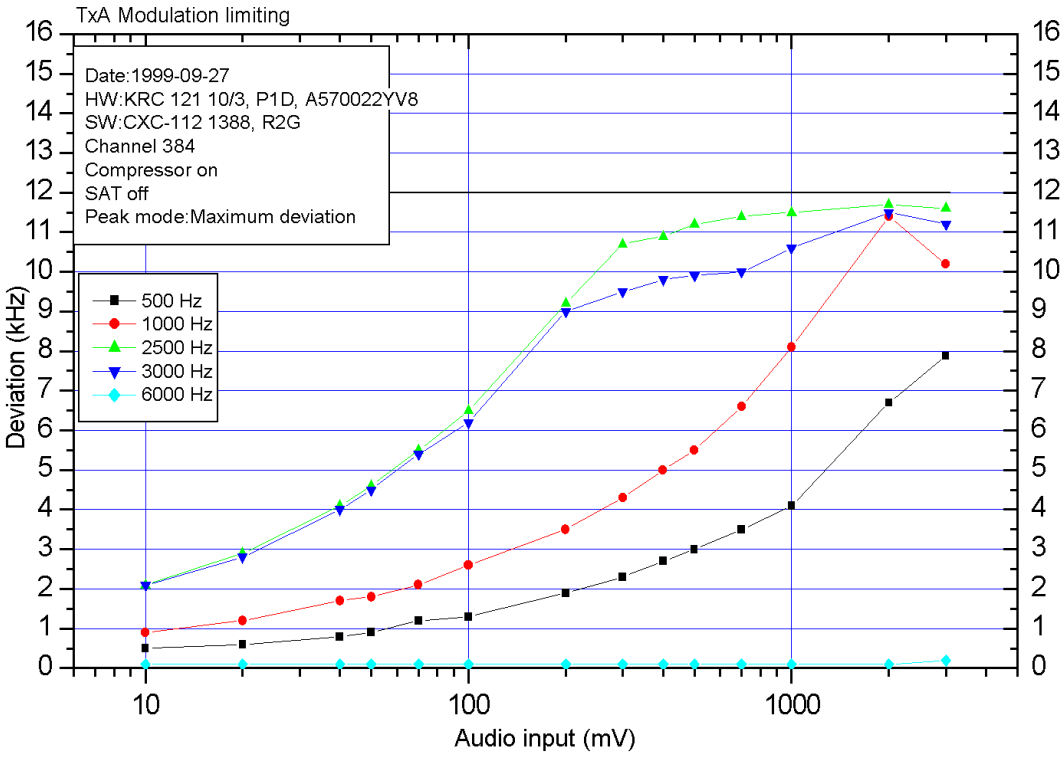
Note: The Modulation limiting is only measured with the compressor enabled.
In the RBS884 and RBS882 systems it is not possible for the TRX to operate without the compressor enabled.

APPLICANT:
Ericsson Radio System AB

FCC ID NO.
B5KKRC12110-31

MODULATION CHARACTERISTICS ANALOG MODE

Modulation Limiting
Measured Per TIA/IS-136/IS-138

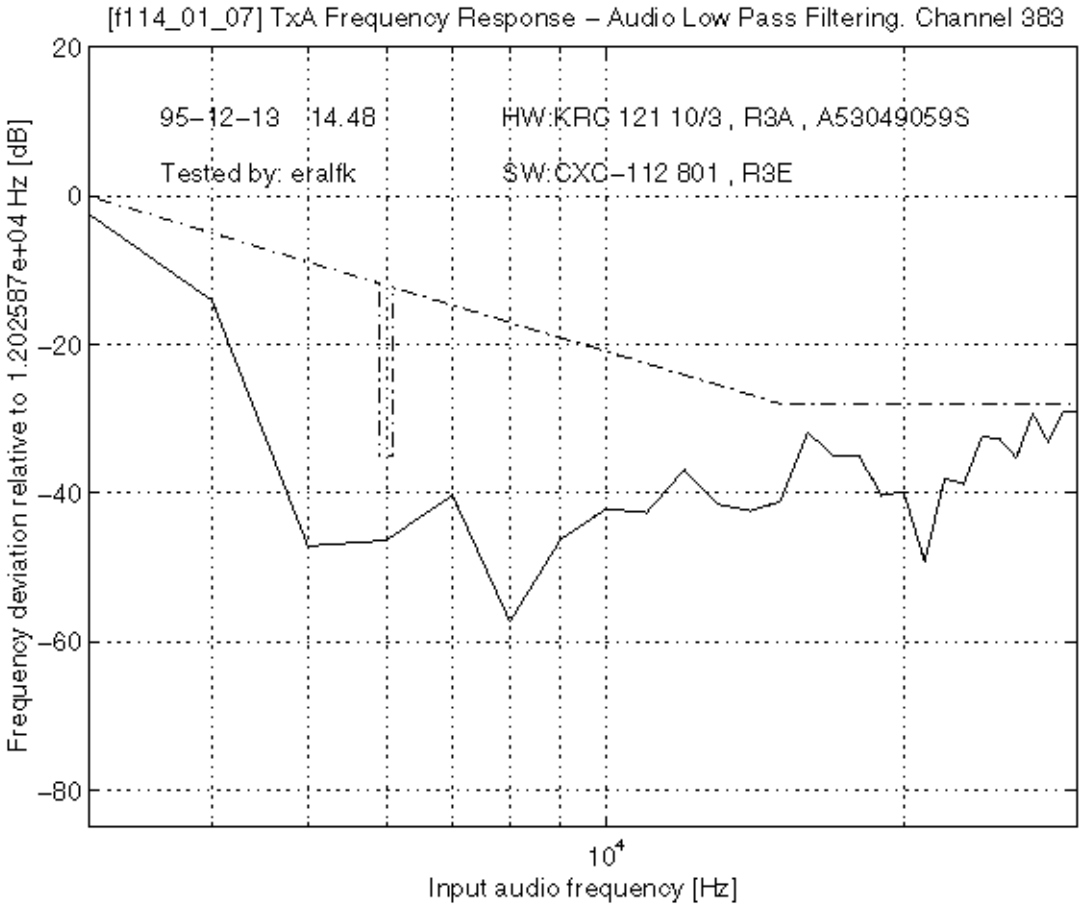


APPLICANT:
Ericsson Radio System AB

FCC ID NO.
B5KKRC12110-31

MODULATION CHARACTERISTICS ANALOG MODE

2.1047 (a) Modulation Characteristics Frequency Response Audio Low Pass Filtering



APPLICANT:
Ericsson Radio System AB

FCC ID NO.
B5KKRC12110-31

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 (%)
384	881.52	30.0	1.89
799	893.97	30.0	2.01
991	869.04	30.0	1.89

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:
Ericsson Radio System AB

FCC ID NO.
B5KKRC12110-31

MODULATION CHARACTERISTICS DATA PACKET 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 according to TIA/EIA-553.

Chan.	Freq. (MHz)	Output Power (Watts)	Error Vector Magnitude (%)
384	881.52	30.0	2.37
799	893.97	30.0	2.54
991	869.04	30.0	2.55

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:
Ericsson Radio System AB

FCC ID NO.
B5KKRC12110-31

OCCUPIED BANDWIDTH ANALOG MODE

2.1049 (c,1)(g) Occupied Bandwidth

The measurement methods per TIA/IS-136/IS-138 were used to obtain the results in the following 9 pages.

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

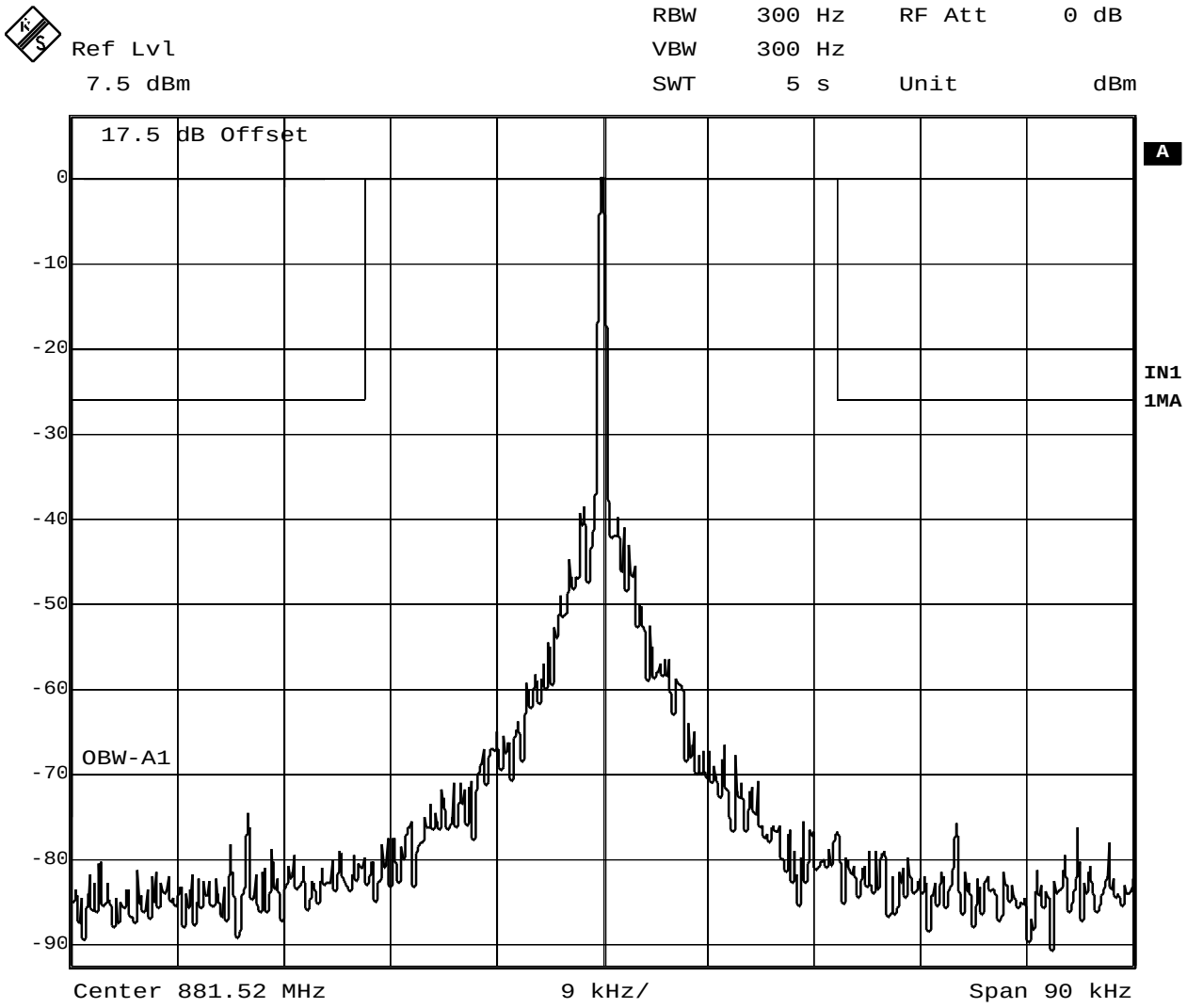
The input signal source was a R&S CMTA 54 Radiocommunication analyzer for analog mode.
The input signal was fed trough a audio-PCM-converter named Claudio.
Radio frequency 50 ohm load attached to the output.

APPLICANT:
Ericsson Radio System AB

FCC ID NO.
B5KKRC12110-31

OCCUPIED BANDWIDTH ANALOG MODE

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



Date: 18.OCT.1999 12:36:09

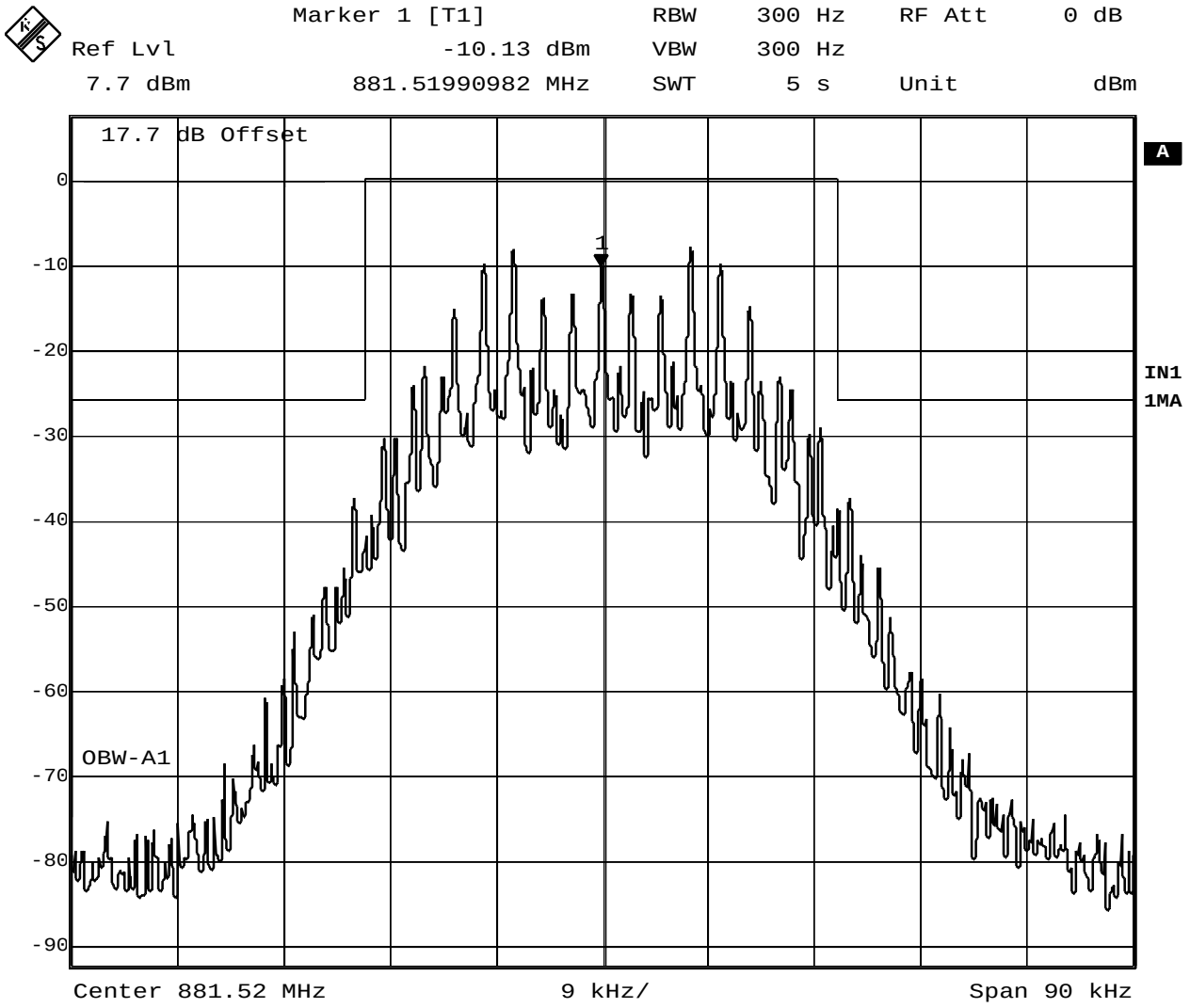
Referenced to the Rated Power Output

APPLICANT:
Ericsson Radio System AB

FCC ID NO.
B5KKRC12110-31

OCCUPIED BANDWIDTH ANALOG MODE

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



Date: 18.OCT.1999 14:00:21

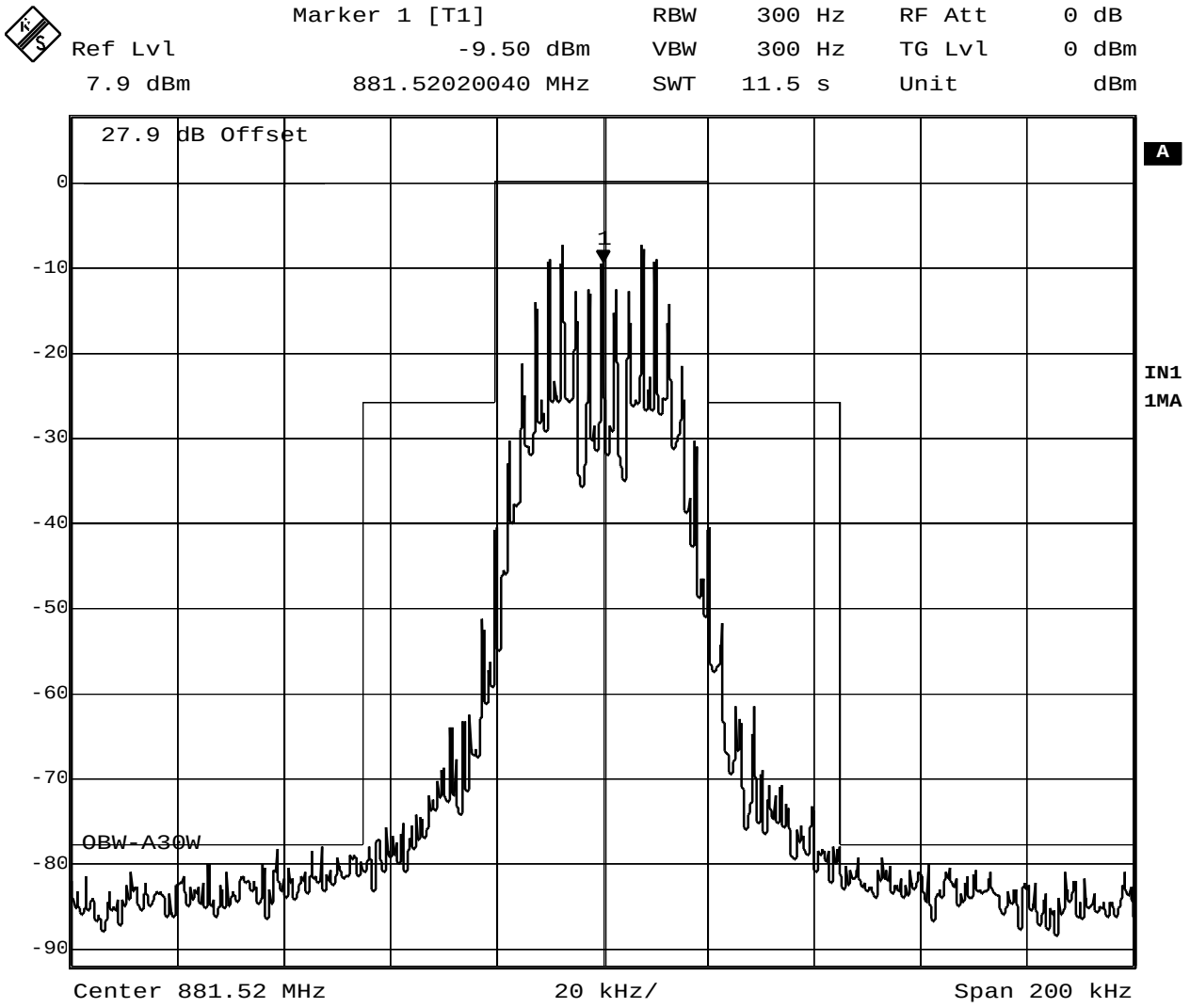
Referenced to the Rated Power Output
Modulated with 2.5 kHz to 50% +16 dB with SAT 6 kHz

APPLICANT:
Ericsson Radio System AB

FCC ID NO.
B5KKRC12110-31

OCCUPIED BANDWIDTH ANALOG MODE

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



Date: 28.OCT.1999 15:28:11

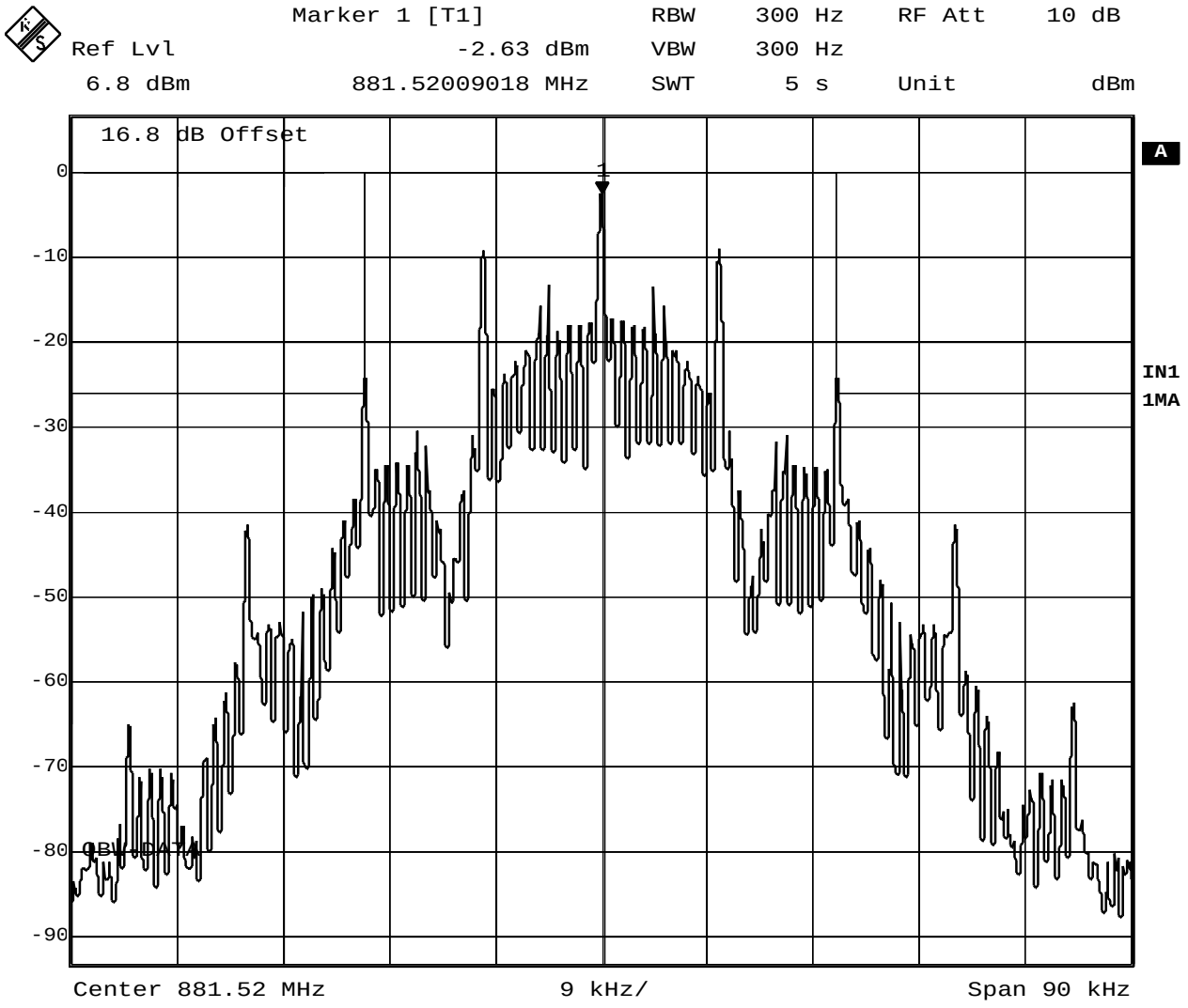
Referenced to the Rated Power Output
Modulated with 2.5 kHz to 50% +16 dB with SAT 6 kHz

APPLICANT:
Ericsson Radio System AB

FCC ID NO.
B5KKRC12110-31

OCCUPIED BANDWIDTH ANALOG MODE

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



Date: 6.OCT.1999 10:39:41

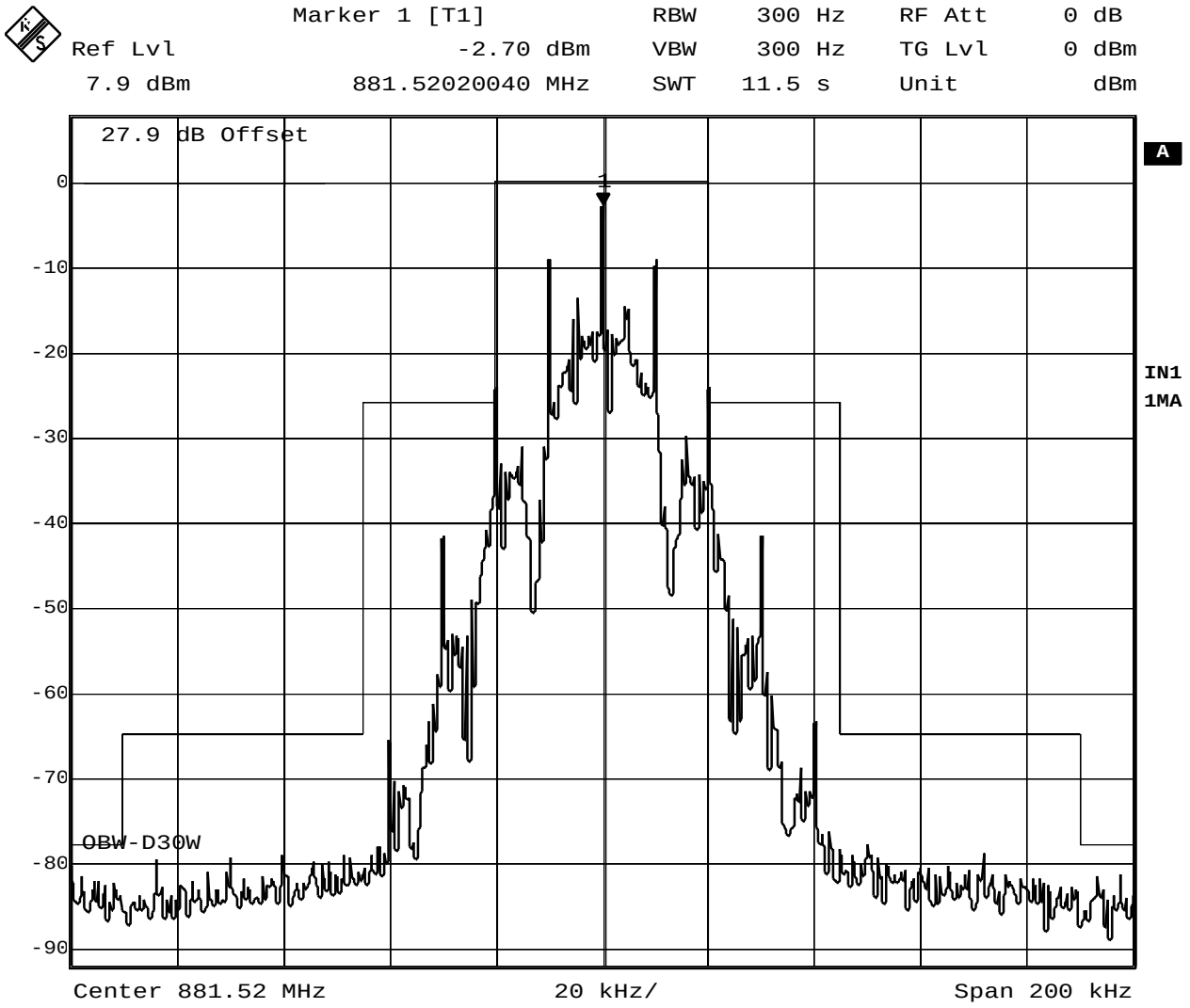
Referenced to the Rated Power Output
Modulated with Wideband Data 10 kHz

APPLICANT:
Ericsson Radio System AB

FCC ID NO.
B5KKRC12110-31

OCCUPIED BANDWIDTH ANALOG MODE

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



Date: 26.OCT.1999 19:04:43

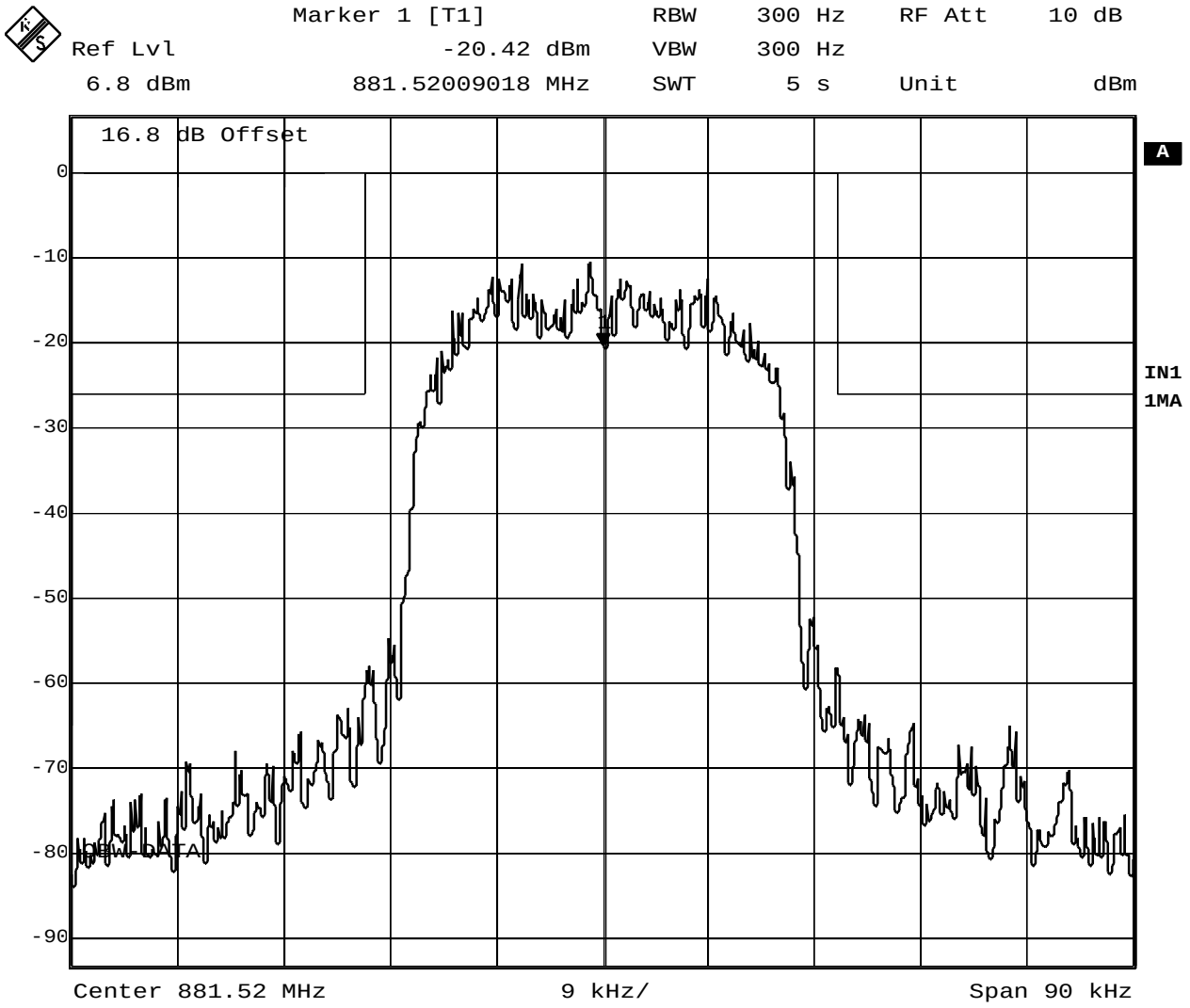
Referenced to the Rated Power Output
Modulated with Wideband Data 10 kHz

APPLICANT:
Ericsson Radio System AB

FCC ID NO.
B5KKRC12110-31

OCCUPIED BANDWIDTH DIGITAL MODE

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



Date: 6.OCT.1999 10:47:43

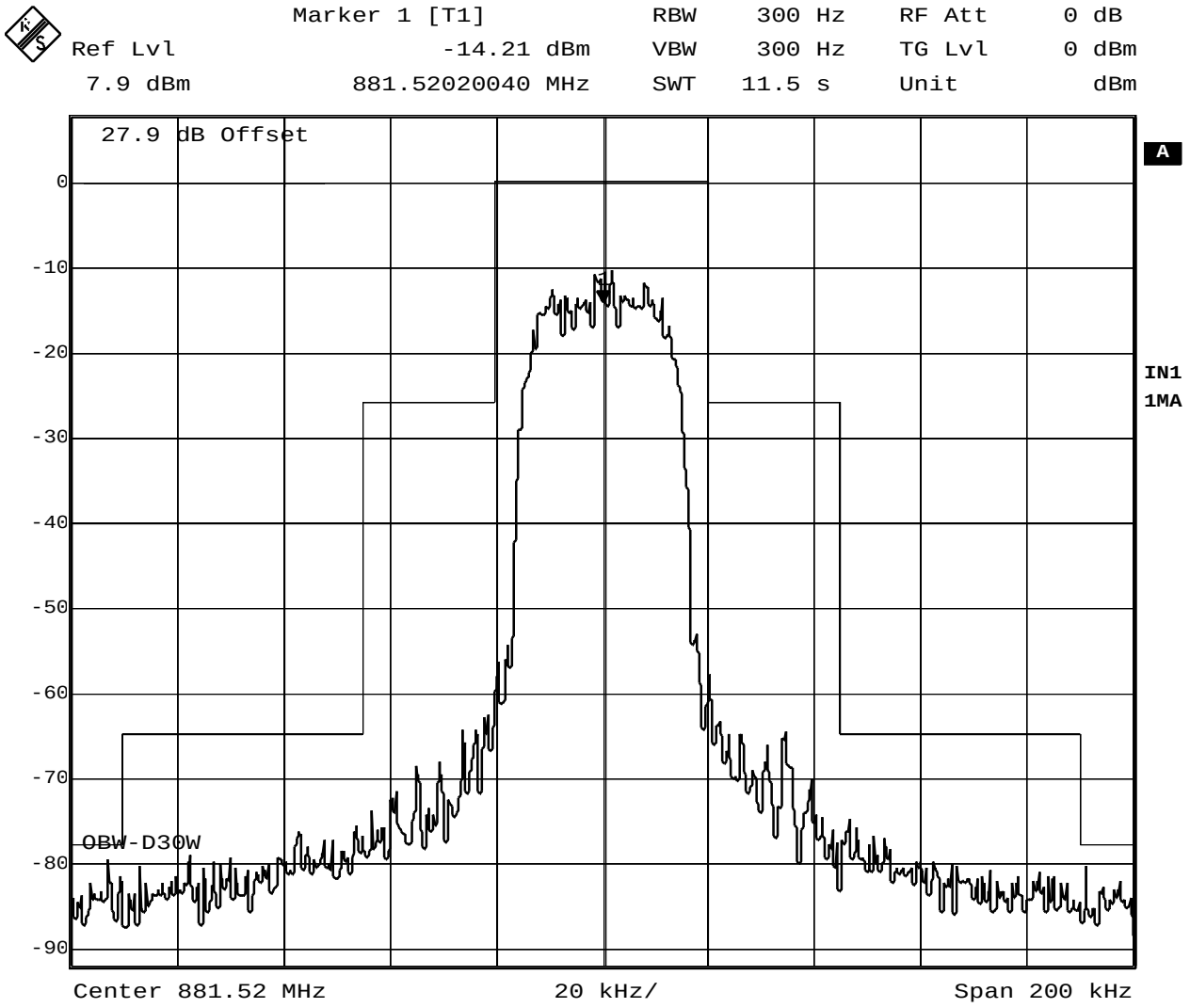
Referenced to the Rated Power Output
Modulated with 48.6 kbs PSEUDORANDOM DATA

APPLICANT:
Ericsson Radio System AB

FCC ID NO.
B5KKRC12110-31

OCCUPIED BANDWIDTH DIGITAL MODE

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



Date: 26.OCT.1999 19:05:29

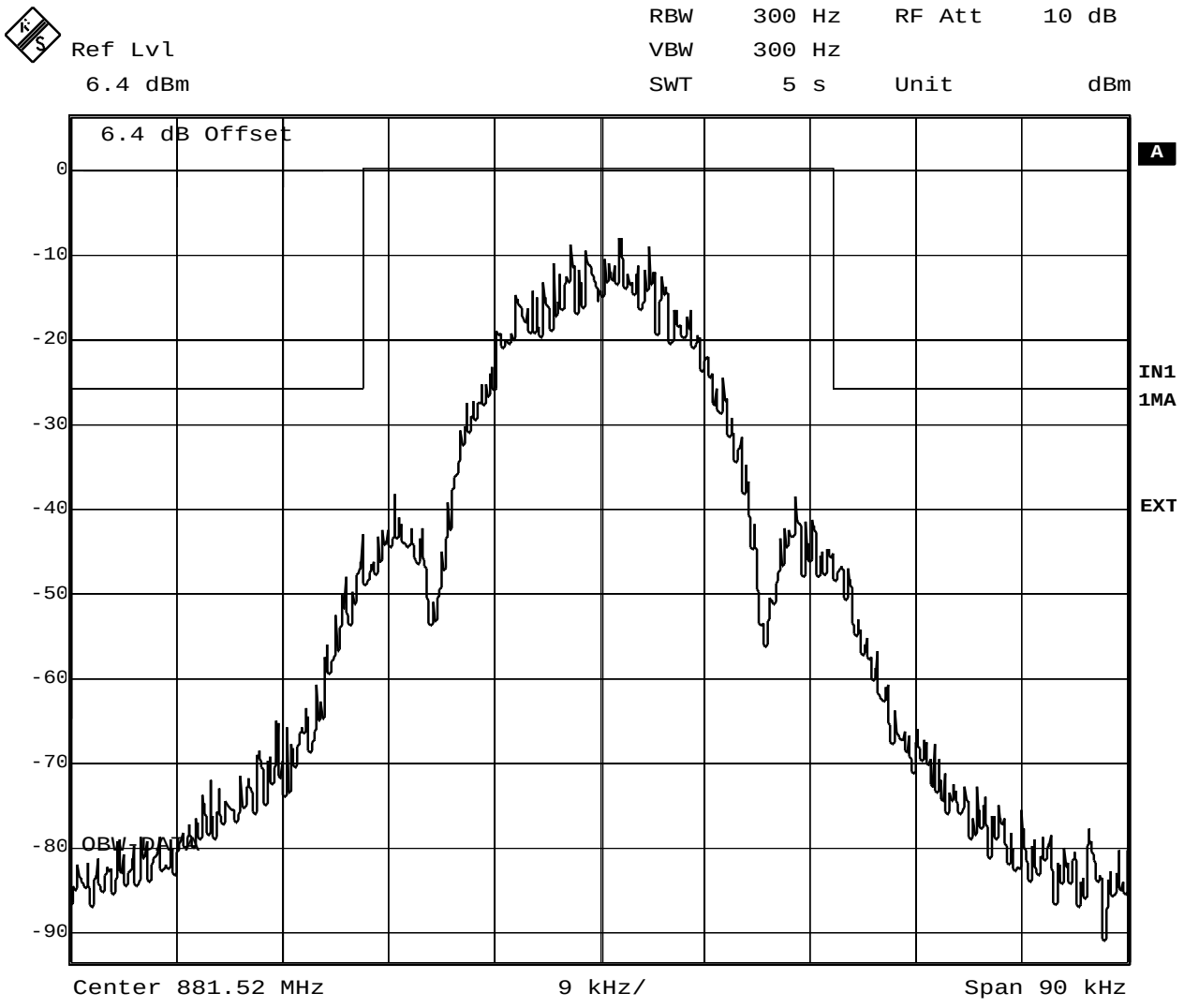
Referenced to the Rated Power Output
Modulated with 48.6 kbs PSEUDORANDOM DATA

APPLICANT:
Ericsson Radio System AB

FCC ID NO.
B5KKRC12110-31

OCCUPIED BANDWIDTH DATA PACKET MODE

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



Date: 27.SEP.1999 13:52:17

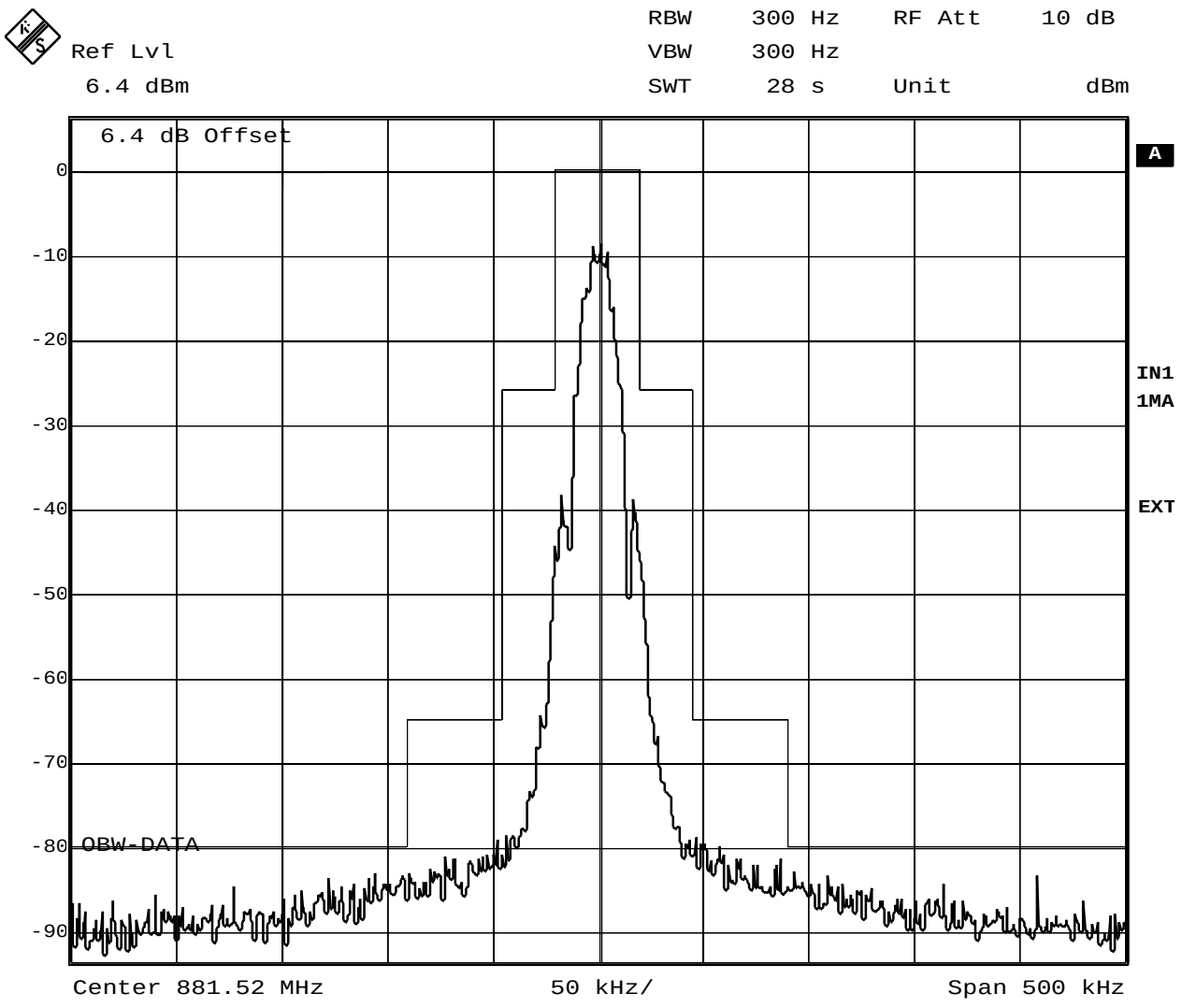
Referenced to the Rated Power Output
Modulated with 19.2 kbs PSEUDORANDOM DATA

APPLICANT:
Ericsson Radio System AB

FCC ID NO.
B5KKRC12110-31

OCCUPIED BANDWIDTH DATA PACKET MODE

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



Date: 27.SEP.1999 13:53:25

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

APPLICANT:
Ericsson Radio System AB

FCC ID NO.
B5KKRC12110-31

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:

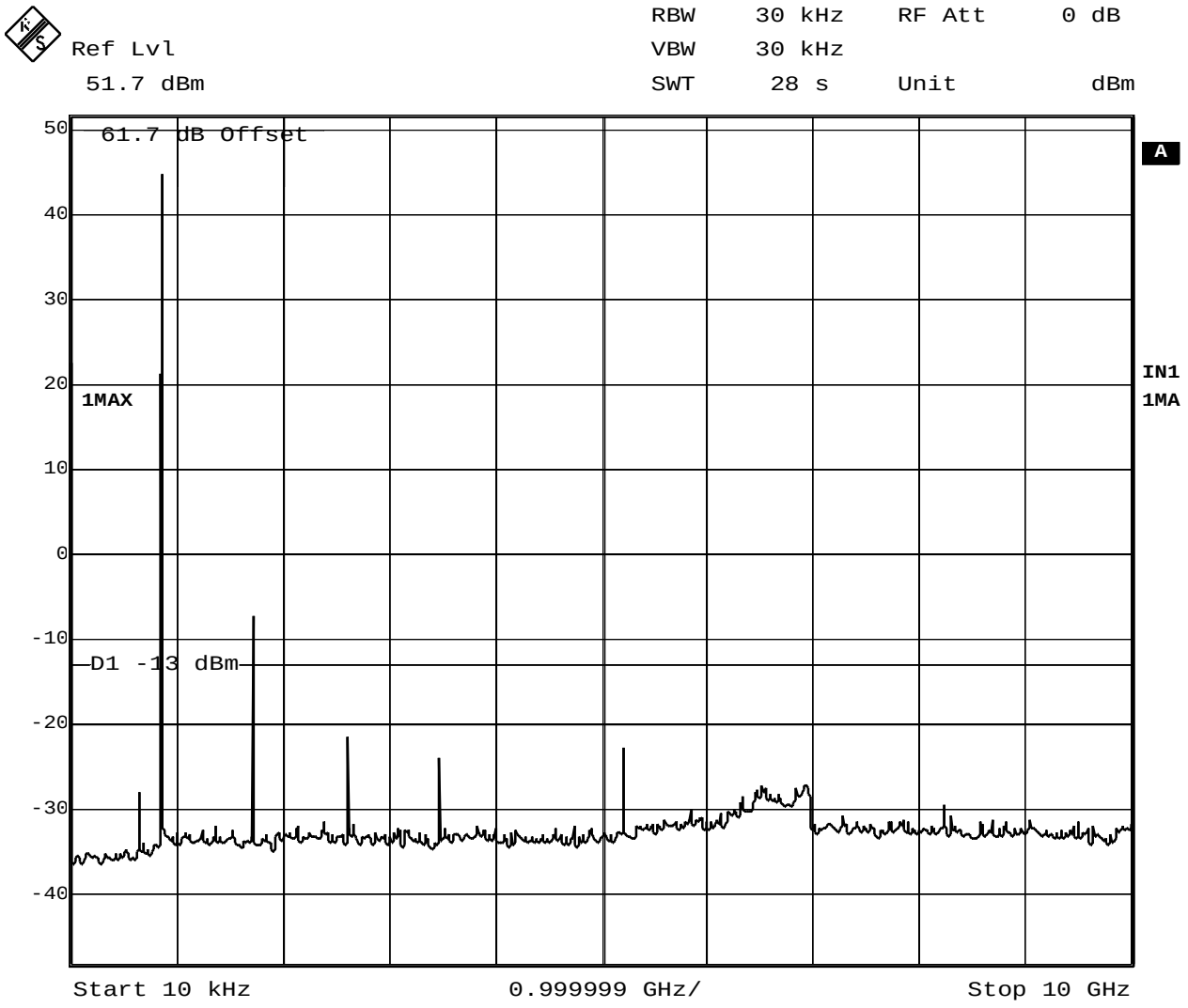
Rohde & Schwarz ESI 40, EMI Test Receiver
Including:
Spectrum Analyzer, 20 Hz-40 GHz
EMI Receiver, 20 Hz-40 GHz
Option FSE-B7 Signal Vector Analysis

APPLICANT:
Ericsson Radio System AB

FCC ID NO.
B5KKRC12110-31

CONDUCTED SPURIOUS EMISSIONS ANALOG MODE

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



Date: 6.OCT.1999 12:41:58

Rated Power Output = 30.0 Watt
Channel 991 / Carrier frequency = 869.04 MHz

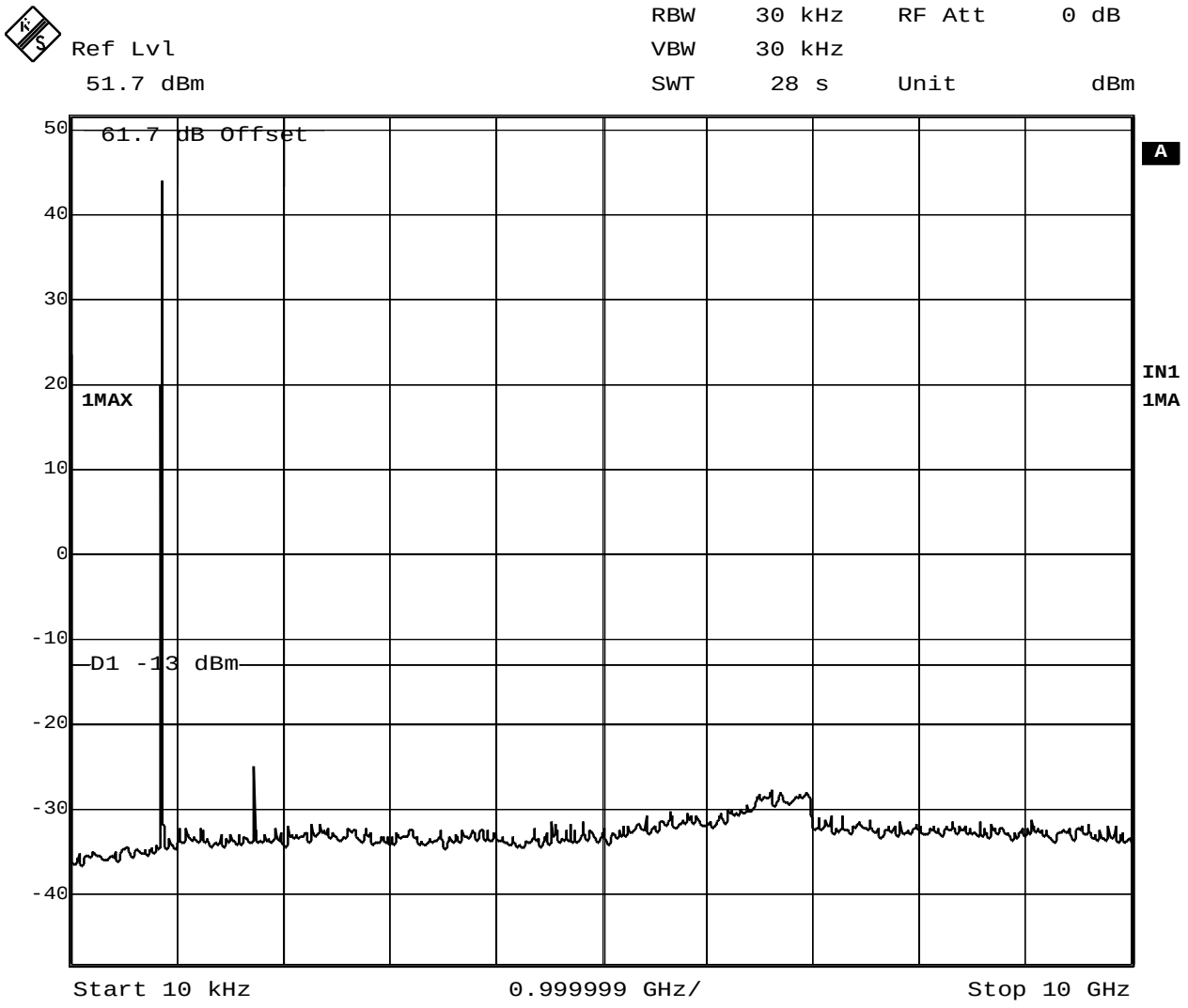
Note: Measured without bandpass filter on TRX output.
See description of Spurious and Harmonic
Suppression in Exhibit 5A.

APPLICANT:
Ericsson Radio System AB

FCC ID NO.
B5KKRC12110-31

CONDUCTED SPURIOUS EMISSIONS ANALOG MODE

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



Date: 6.OCT.1999 12:33:15

Rated Power Output = 30.0 Watt
Channel 991 / Carrier frequency = 869.04 MHz

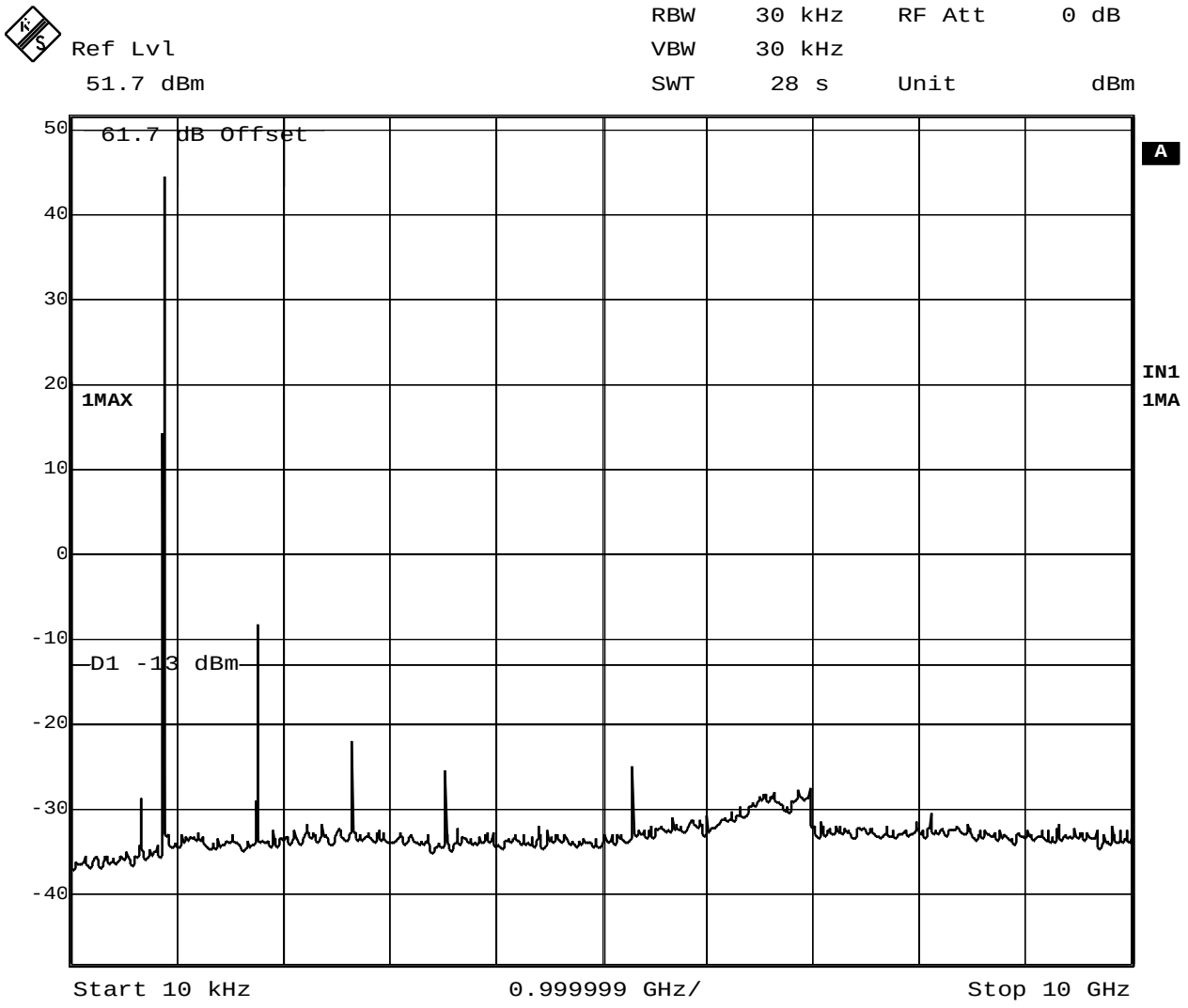
Note: Measured **with** bandpass filter on TRX output.
See description of Spurious and Harmonic Suppression in Exhibit 5A.

APPLICANT:
Ericsson Radio System AB

FCC ID NO.
B5KKRC12110-31

CONDUCTED SPURIOUS EMISSIONS ANALOG MODE

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



Date: 18.OCT.1999 14:09:40

Rated Power Output = 30.0 Watt
Channel 384 / Carrier frequency = 881.52 MHz

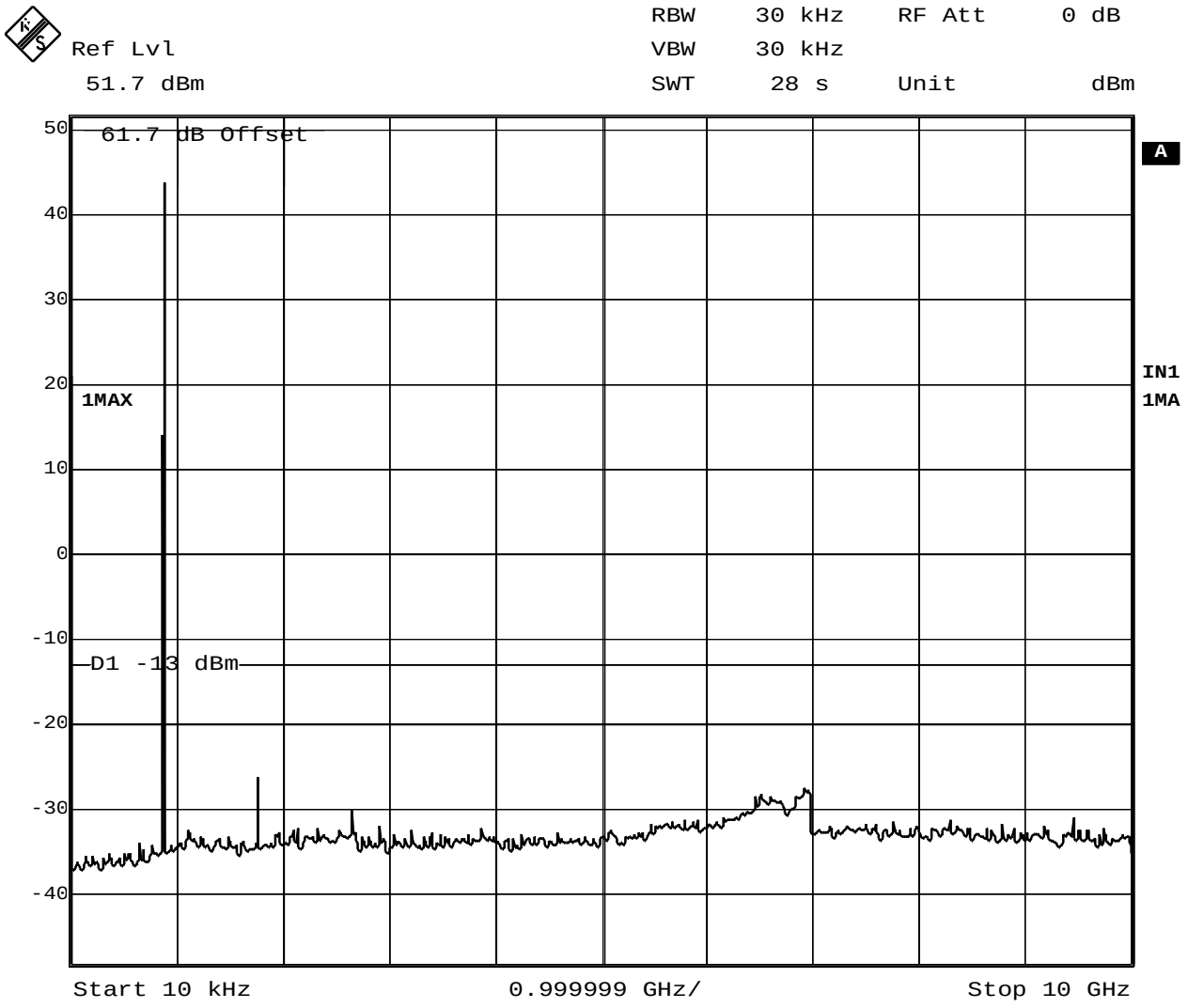
Note: Measured without bandpass filter on TRX output.
See description of Spurious and Harmonic
Suppression in Exhibit 5A.

APPLICANT:
Ericsson Radio System AB

FCC ID NO.
B5KKRC12110-31

CONDUCTED SPURIOUS EMISSIONS ANALOG MODE

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



Date: 18.OCT.1999 14:21:35

Rated Power Output = 30.0 Watt
Channel 384 / Carrier frequency = 881.52 MHz

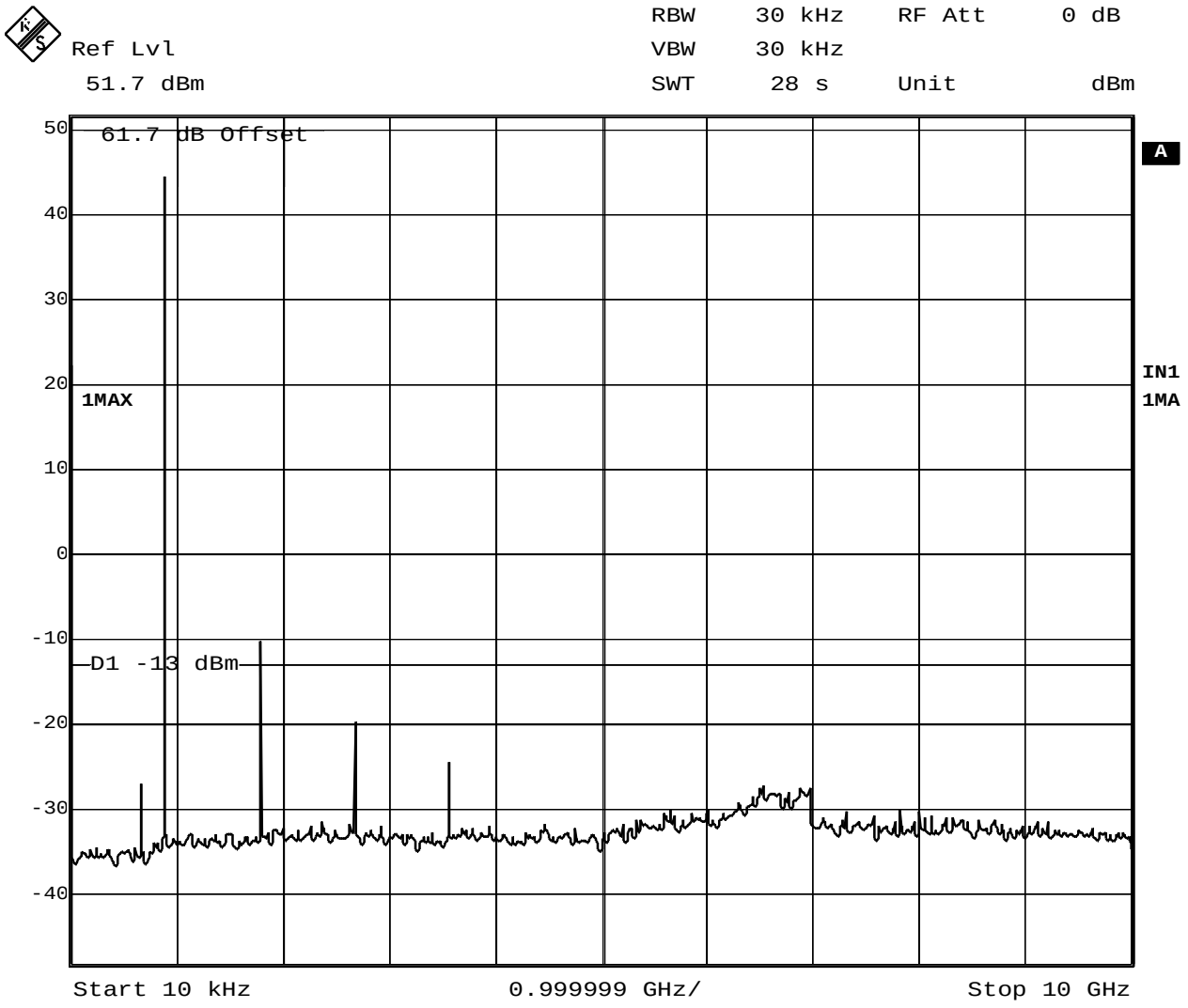
Note: Measured **with** bandpass filter on TRX output.
See description of Spurious and Harmonic Suppression in Exhibit 5A.

APPLICANT:
Ericsson Radio System AB

FCC ID NO.
B5KKRC12110-31

CONDUCTED SPURIOUS EMISSIONS ANALOG MODE

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



Date: 6.OCT.1999 12:43:14

Rated Power Output = 30.0 Watt
Channel 799 / Carrier frequency = 893.97 MHz

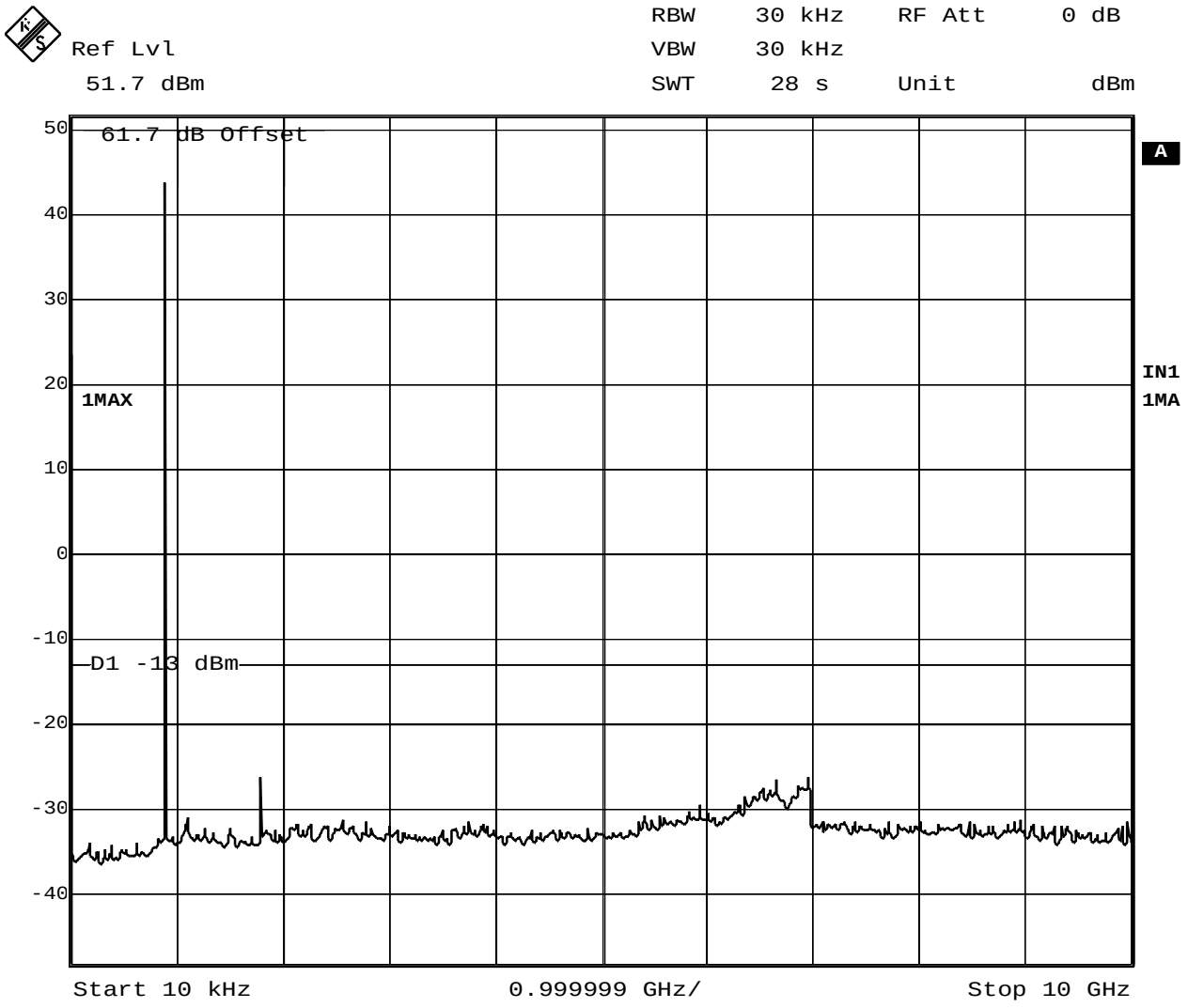
Note: Measured without bandpass filter on TRX output.
See description of Spurious and Harmonic
Suppression in Exhibit 5A.

APPLICANT:
Ericsson Radio System AB

FCC ID NO.
B5KKRC12110-31

CONDUCTED SPURIOUS EMISSIONS ANALOG MODE

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



Date: 6.OCT.1999 12:34:50

Rated Power Output = 30.0 Watt
Channel 799 / Carrier frequency = 893.97 MHz

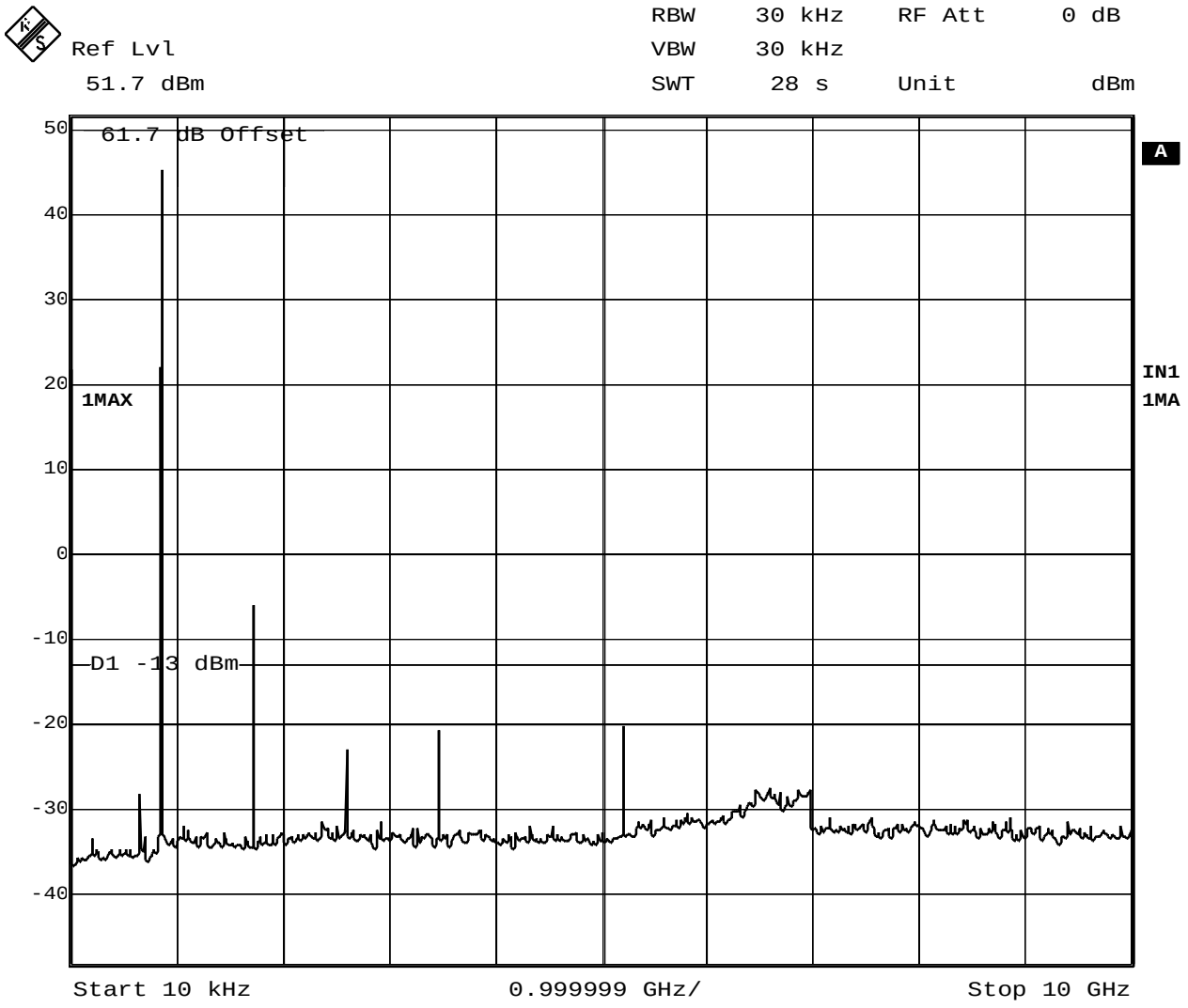
Note: Measured **with** bandpass filter on TRX output.
See description of Spurious and Harmonic Suppression in Exhibit 5A.

APPLICANT:
Ericsson Radio System AB

FCC ID NO.
B5KKRC12110-31

CONDUCTED SPURIOUS EMISSIONS DIGITAL MODE

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



Date: 6.OCT.1999 12:44:27

Rated Power Output = 30.0 Watt
Channel 991 / Carrier frequency = 869.04 MHz
Modulated with 48.6 kbs PSEUDORANDOM DATA

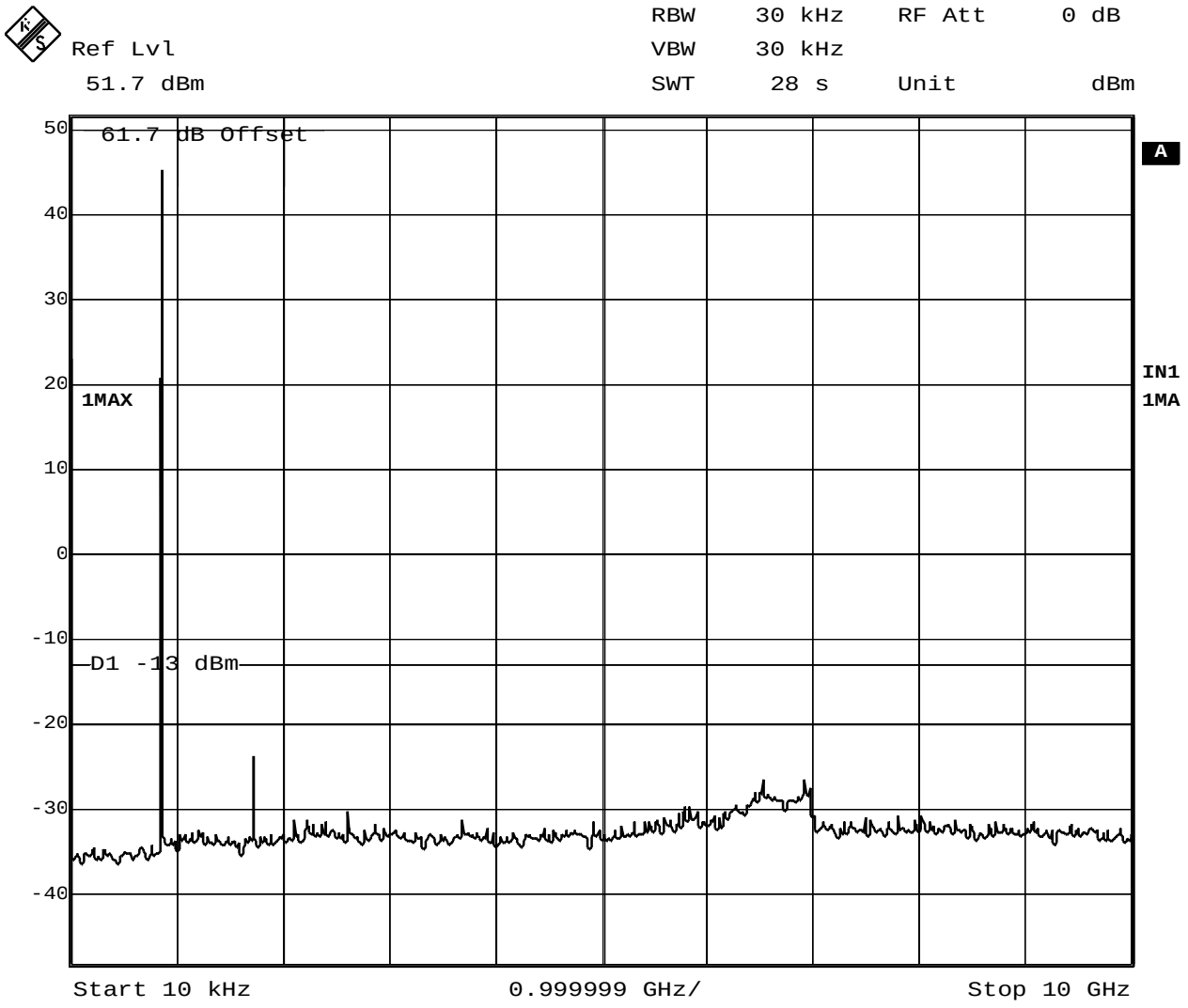
Note: Measured without bandpass filter on TRX output.
See description of Spurious and Harmonic
Suppression in Exhibit 5A.

APPLICANT:
Ericsson Radio System AB

FCC ID NO.
B5KKRC12110-31

CONDUCTED SPURIOUS EMISSIONS DIGITAL MODE

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



Date: 6.OCT.1999 12:36:02

Rated Power Output = 30.0 Watt
Channel 991 / Carrier frequency = 869.04 MHz
Modulated with 48.6 kbs PSEUDORANDOM DATA

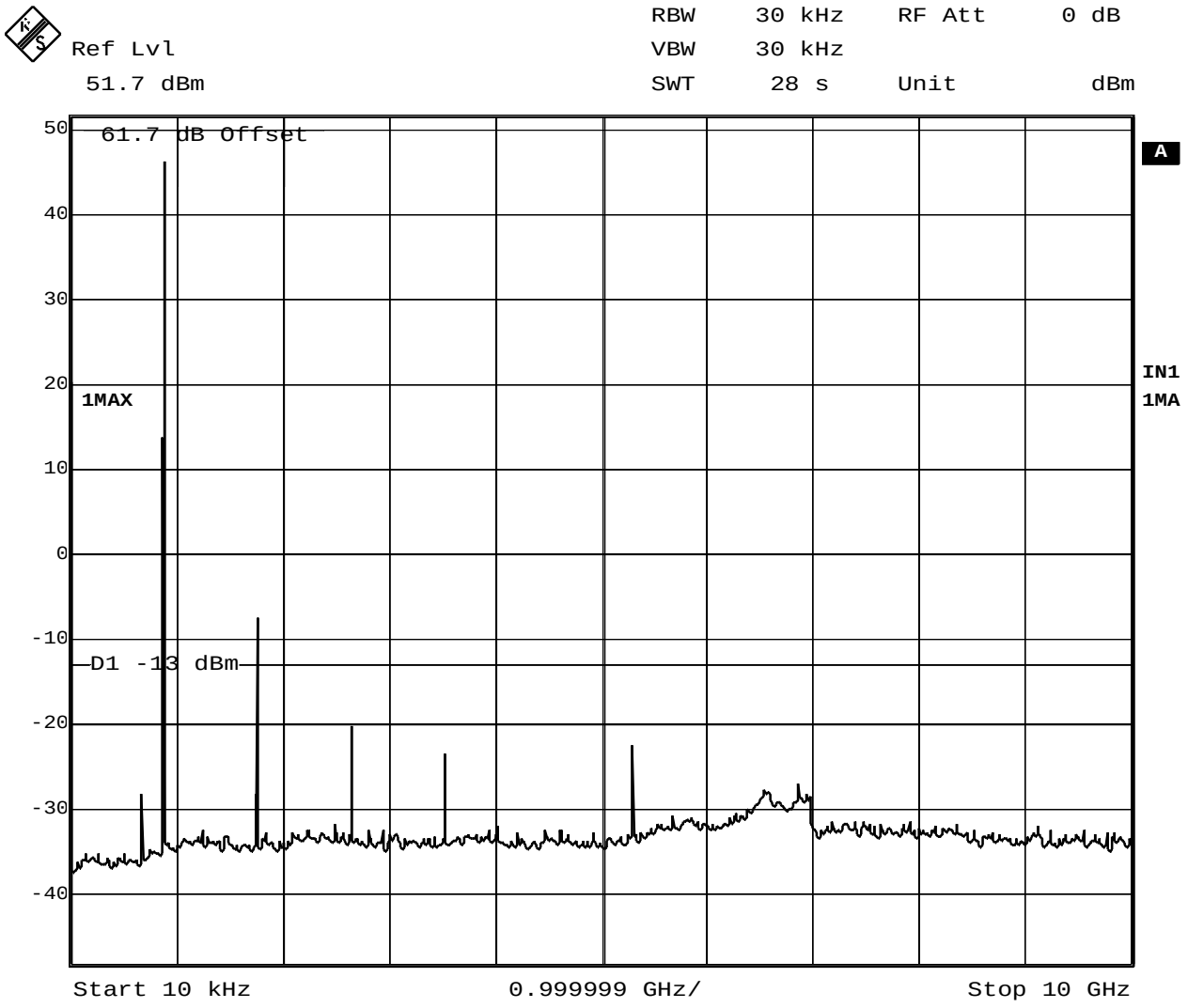
Note: Measured **with** bandpass filter on TRX output.
See description of Spurious and Harmonic
Suppression in Exhibit 5A.

APPLICANT:
Ericsson Radio System AB

FCC ID NO.
B5KKRC12110-31

CONDUCTED SPURIOUS EMISSIONS DIGITAL MODE

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



Date: 18.OCT.1999 14:12:08

Rated Power Output = 30.0 Watt
Channel 384 / Carrier frequency = 881.52 MHz
Modulated with 48.6 kbs PSEUDORANDOM DATA

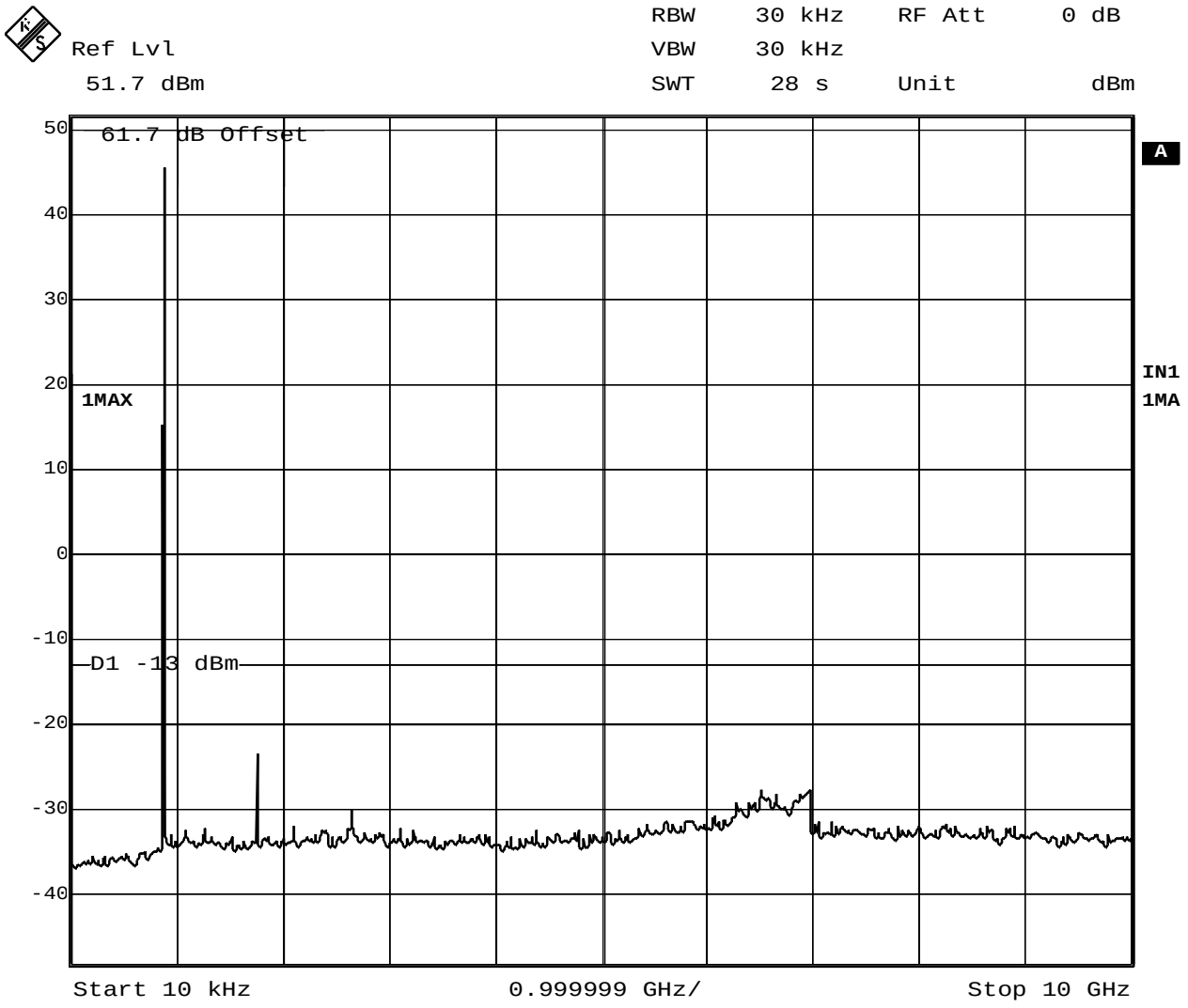
Note: Measured without bandpass filter on TRX output.
See description of Spurious and Harmonic
Suppression in Exhibit 5A.

APPLICANT:
Ericsson Radio System AB

FCC ID NO.
B5KKRC12110-31

CONDUCTED SPURIOUS EMISSIONS DIGITAL MODE

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



Date: 18.OCT.1999 14:23:20

Rated Power Output = 30.0 Watt
Channel 384 / Carrier frequency = 881.52 MHz
Modulated with 48.6 kbs PSEUDORANDOM DATA

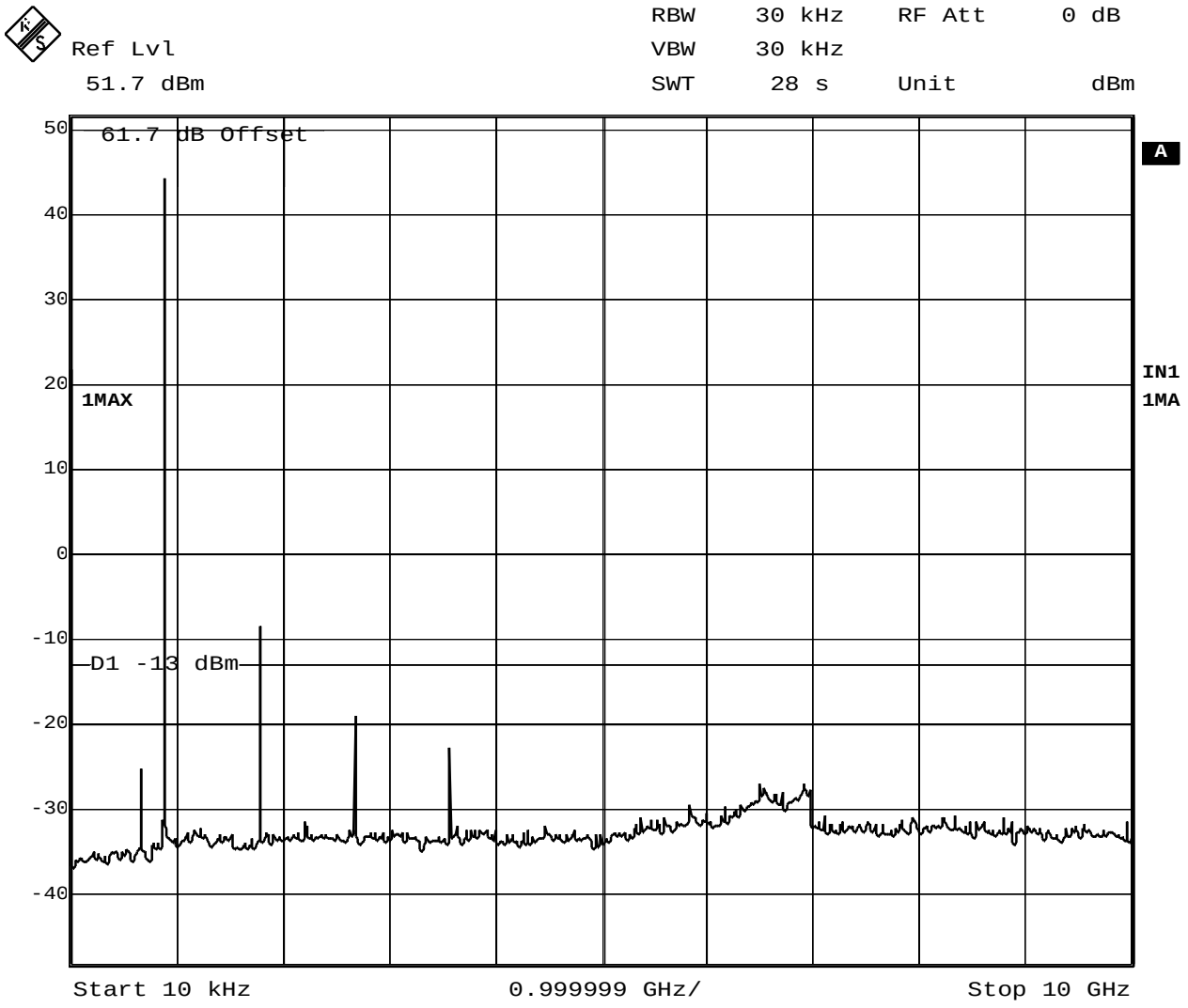
Note: Measured **with** bandpass filter on TRX output.
See description of Spurious and Harmonic
Suppression in Exhibit 5A.

APPLICANT:
Ericsson Radio System AB

FCC ID NO.
B5KKRC12110-31

CONDUCTED SPURIOUS EMISSIONS DIGITAL MODE

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



Date: 6.OCT.1999 12:45:21

Rated Power Output = 30.0 Watt
Channel 799 / Carrier frequency = 893.97 MHz
Modulated with 48.6 kbs PSEUDORANDOM DATA

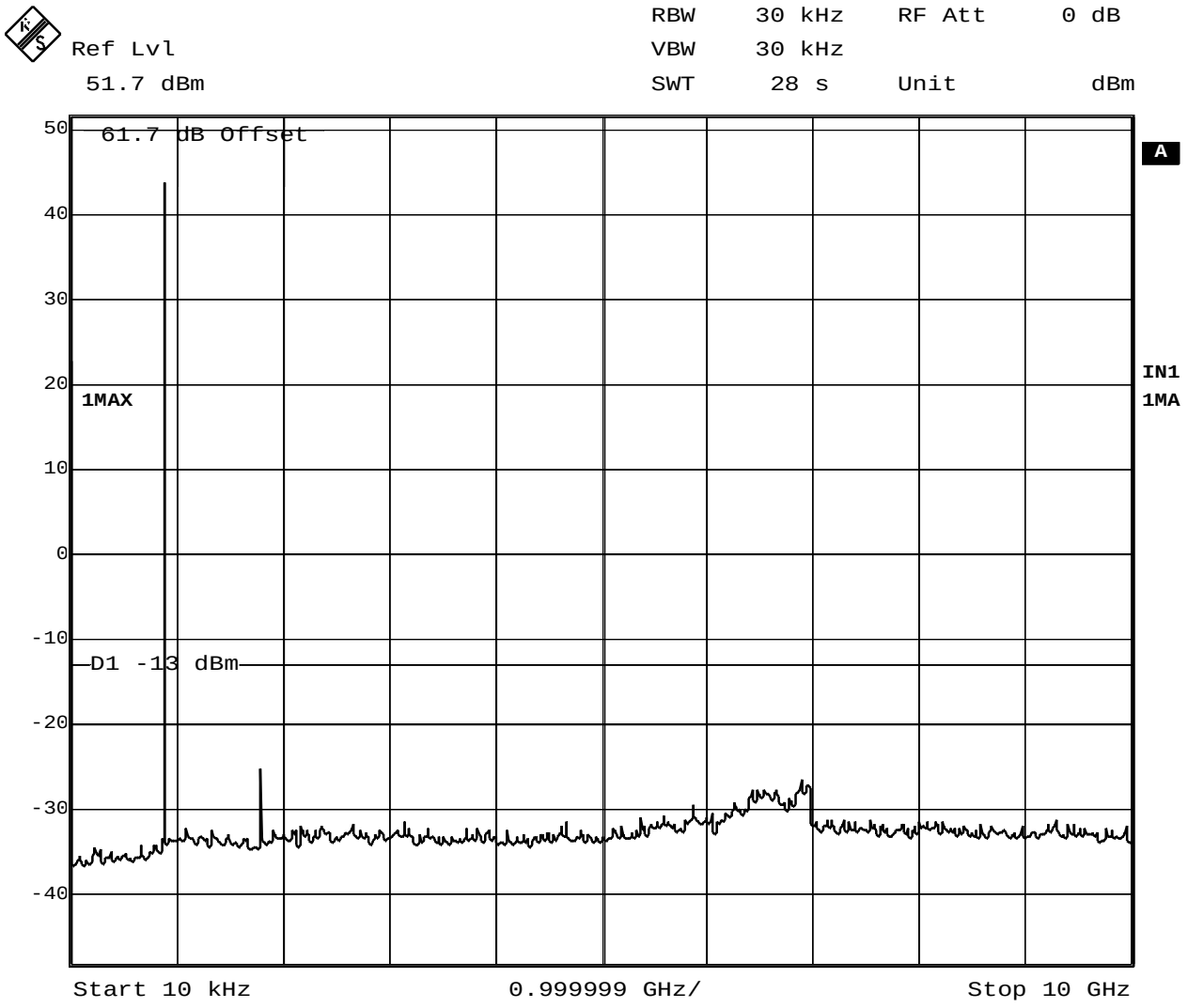
Note: Measured without bandpass filter on TRX output.
See description of Spurious and Harmonic
Suppression in Exhibit 5A.

APPLICANT:
Ericsson Radio System AB

FCC ID NO.
B5KKRC12110-31

CONDUCTED SPURIOUS EMISSIONS DIGITAL MODE

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



Date: 6.OCT.1999 12:37:04

Rated Power Output = 30.0 Watt
Channel 799 / Carrier frequency = 893.97 MHz
Modulated with 48.6 kbs PSEUDORANDOM DATA

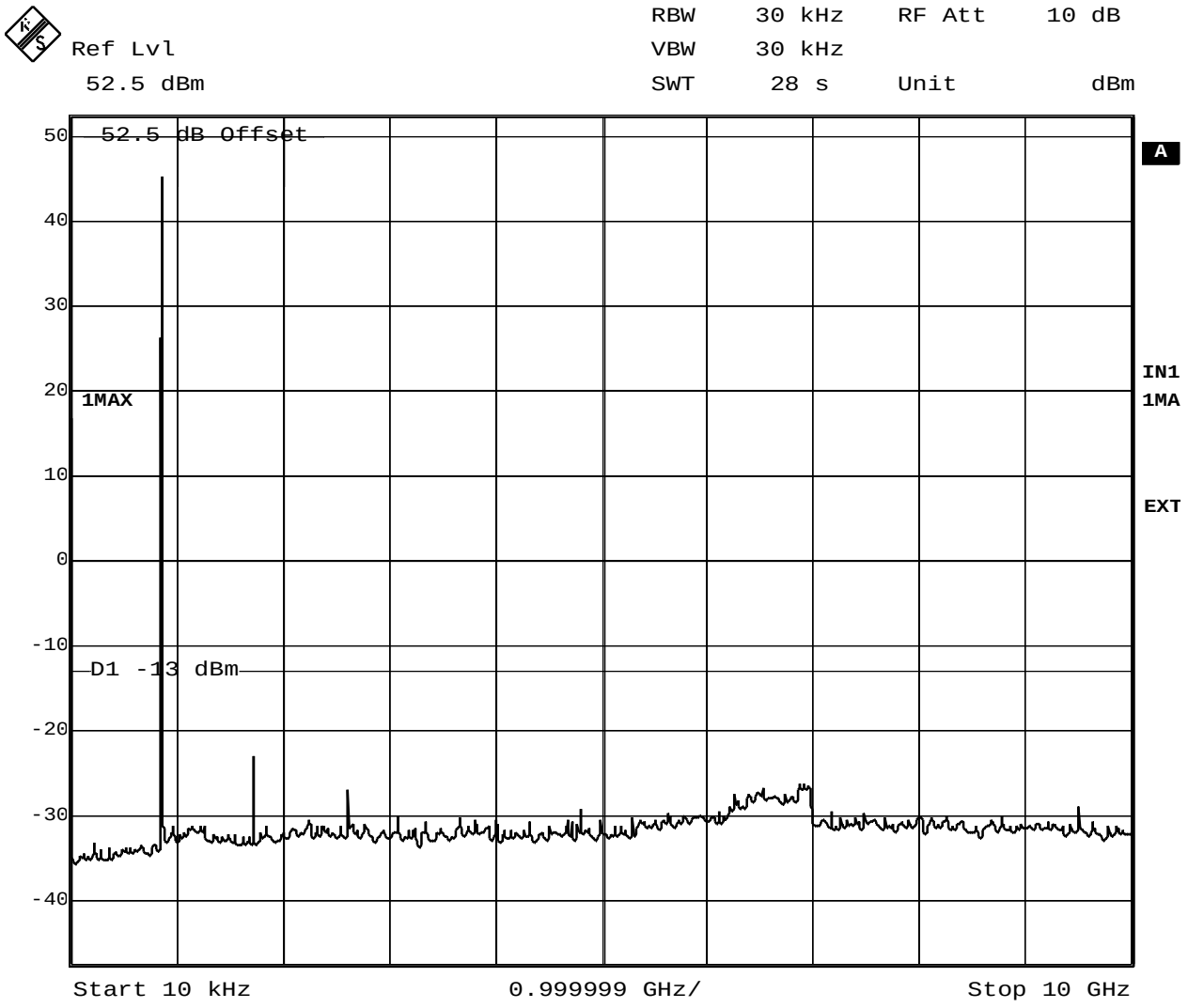
Note: Measured **with** bandpass filter on TRX output.
See description of Spurious and Harmonic Suppression in Exhibit 5A.

APPLICANT:
Ericsson Radio System AB

FCC ID NO.
B5KKRC12110-31

CONDUCTED SPURIOUS EMISSIONS DATA PACKET MODE

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



Date: 27.SEP.1999 15:40:30

Rated Power Output = 30.0 Watt
Channel 991 / Carrier frequency = 869.04 MHz
Modulated with 19.2 kbs PSEUDORANDOM DATA

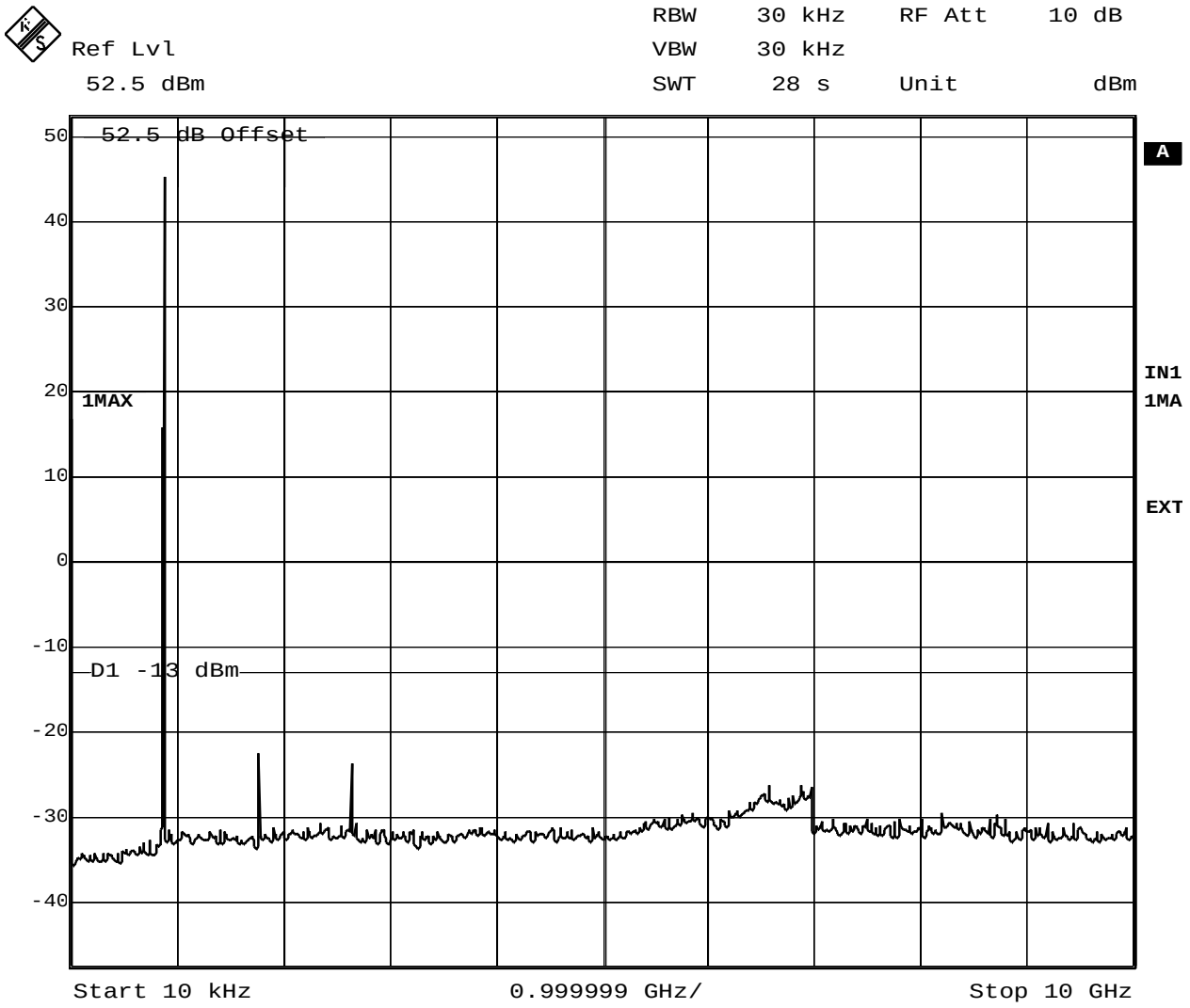
Note: Measured **with** bandpass filter on TRX output.
See description of Spurious and Harmonic
Suppression in Exhibit 5A.

APPLICANT:
Ericsson Radio System AB

FCC ID NO.
B5KKRC12110-31

CONDUCTED SPURIOUS EMISSIONS DATA PACKET MODE

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



Date: 27.SEP.1999 15:42:35

Rated Power Output = 30.0 Watt
Channel 384 / Carrier frequency = 881.52 MHz
Modulated with 19.2 kbs PSEUDORANDOM DATA

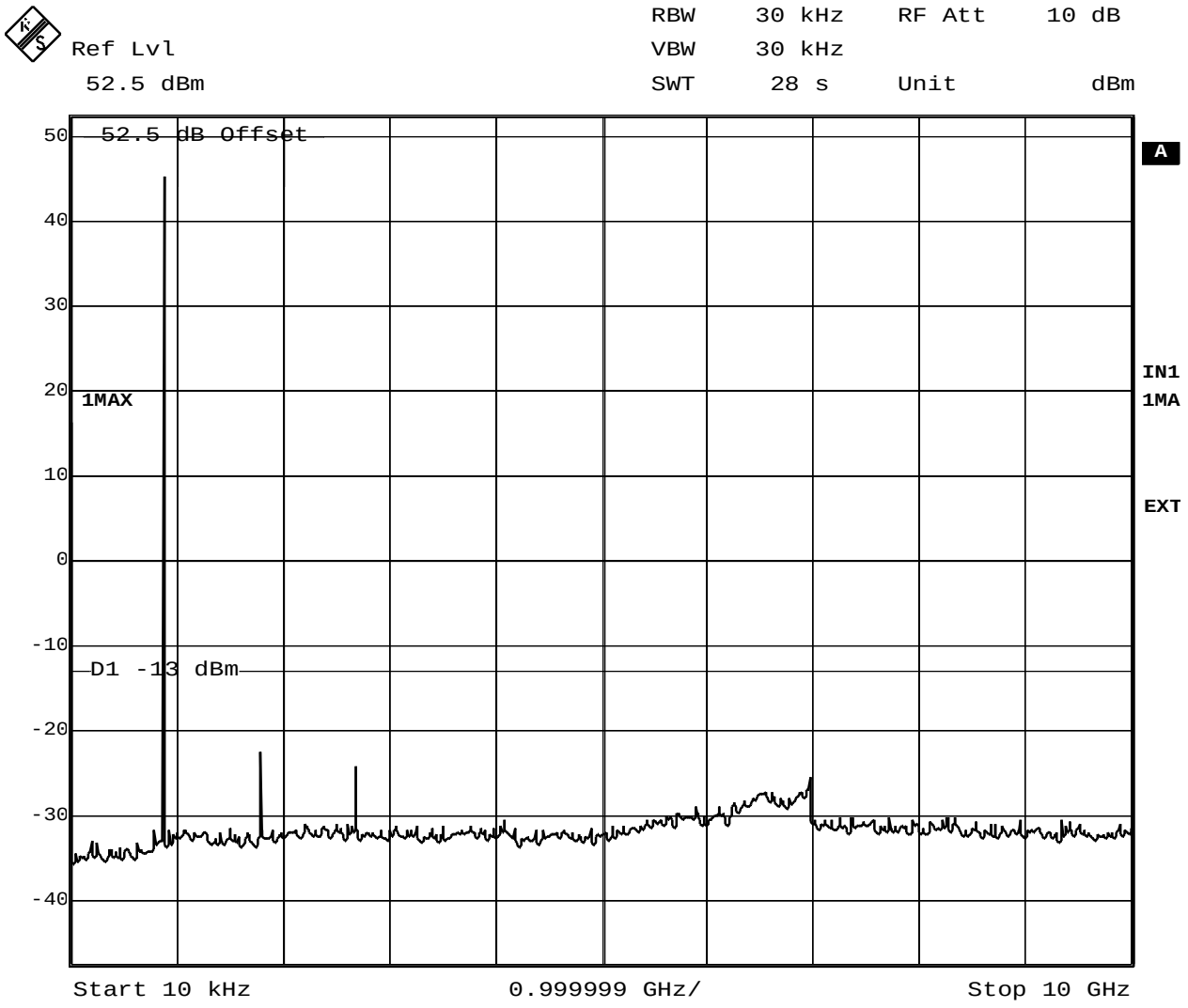
Note: Measured **with** bandpass filter on TRX output.
See description of Spurious and Harmonic
Suppression in Exhibit 5A.

APPLICANT:
Ericsson Radio System AB

FCC ID NO.
B5KKRC12110-31

CONDUCTED SPURIOUS EMISSIONS DATA PACKET MODE

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



Date: 27.SEP.1999 15:44:51

Rated Power Output = 30.0 Watt
Channel 799 / Carrier frequency = 893.97 MHz
Modulated with 19.2 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.
B5KKRC12110-31

RADIATED SPURIOUS EMISSIONS ANALOG MODE

2.1053 Field Strength of Spurious Radiation

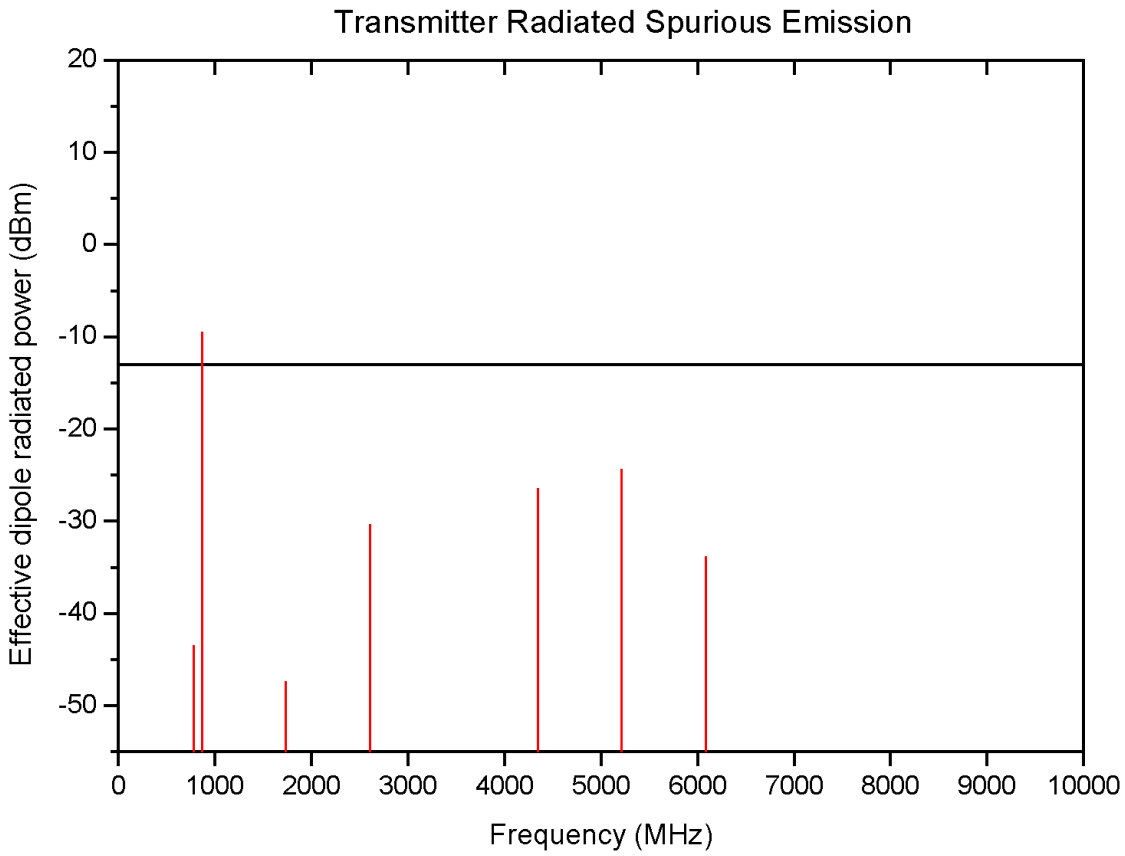
Ref. 2.1053 field strength of spurious emissions was measured on our 3 meter range. The measurement procedure is per EIA/IS-138.

APPLICANT:
Ericsson Radio System AB

FCC ID NO.
B5KKRC12110-31

RADIATED SPURIOUS EMISSIONS MACRO ANALOG MODE

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



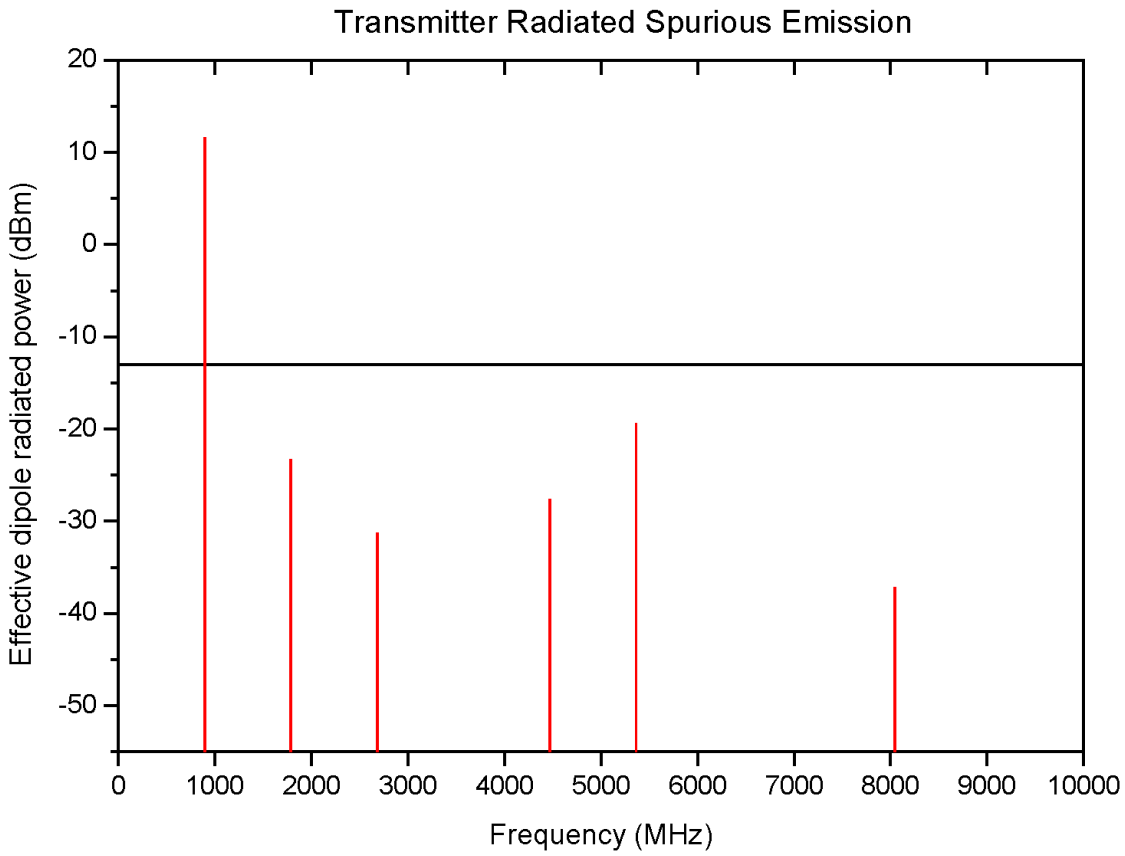
Rated Power Output = 30.0 Watt
Channel 991 / Carrier frequency = 869.04 MHz

APPLICANT:
Ericsson Radio System AB

FCC ID NO.
B5KKRC12110-31

RADIATED SPURIOUS EMISSIONS MACRO ANALOG MODE

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



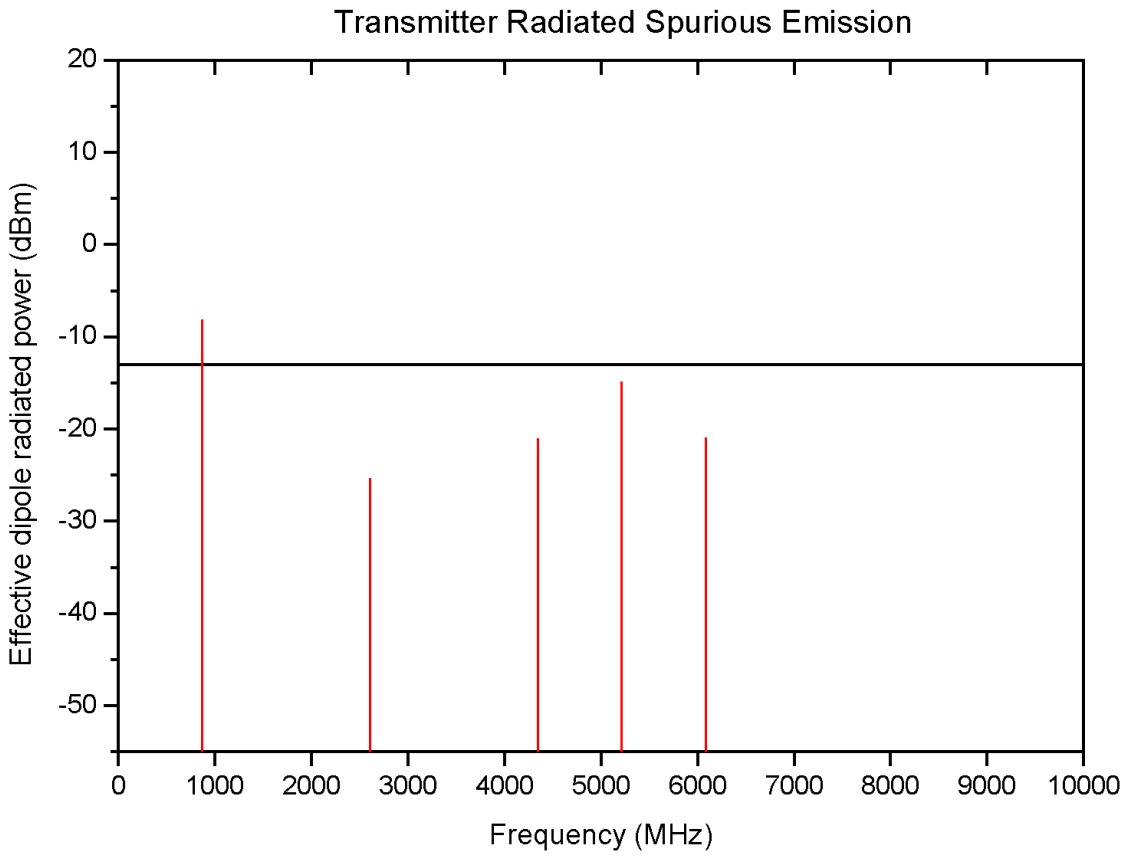
Rated Power Output = 30.0 Watt
Channel 799 / Carrier frequency = 893.97 MHz

APPLICANT:
Ericsson Radio System AB

FCC ID NO.
B5KKRC12110-31

RADIATED SPURIOUS EMISSIONS MACRO DIGITAL MODE

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



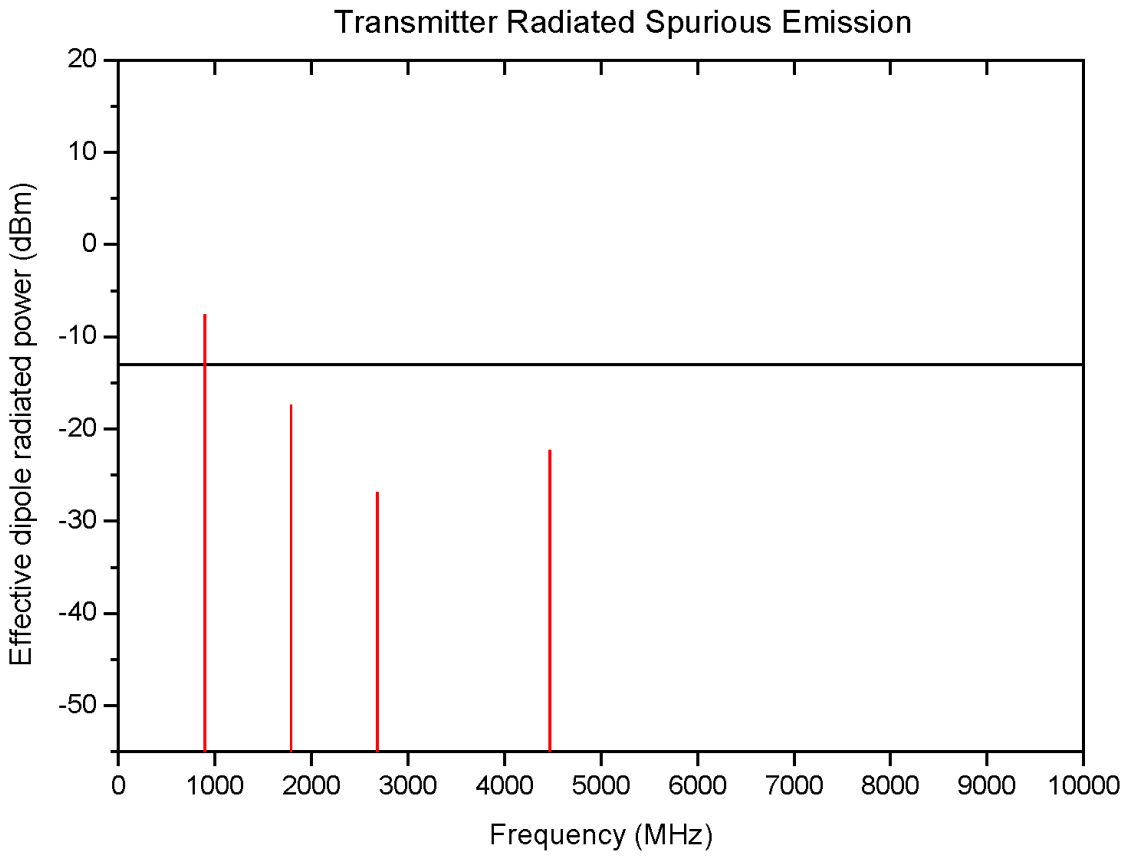
Rated Power Output = 30.0 Watt
Channel 991 / Carrier frequency = 869.04 MHz
Modulated with 48.6 kbs PSEUDORANDOM DATA

APPLICANT:
Ericsson Radio System AB

FCC ID NO.
B5KKRC12110-31

RADIATED SPURIOUS EMISSIONS MACRO DIGITAL MODE

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



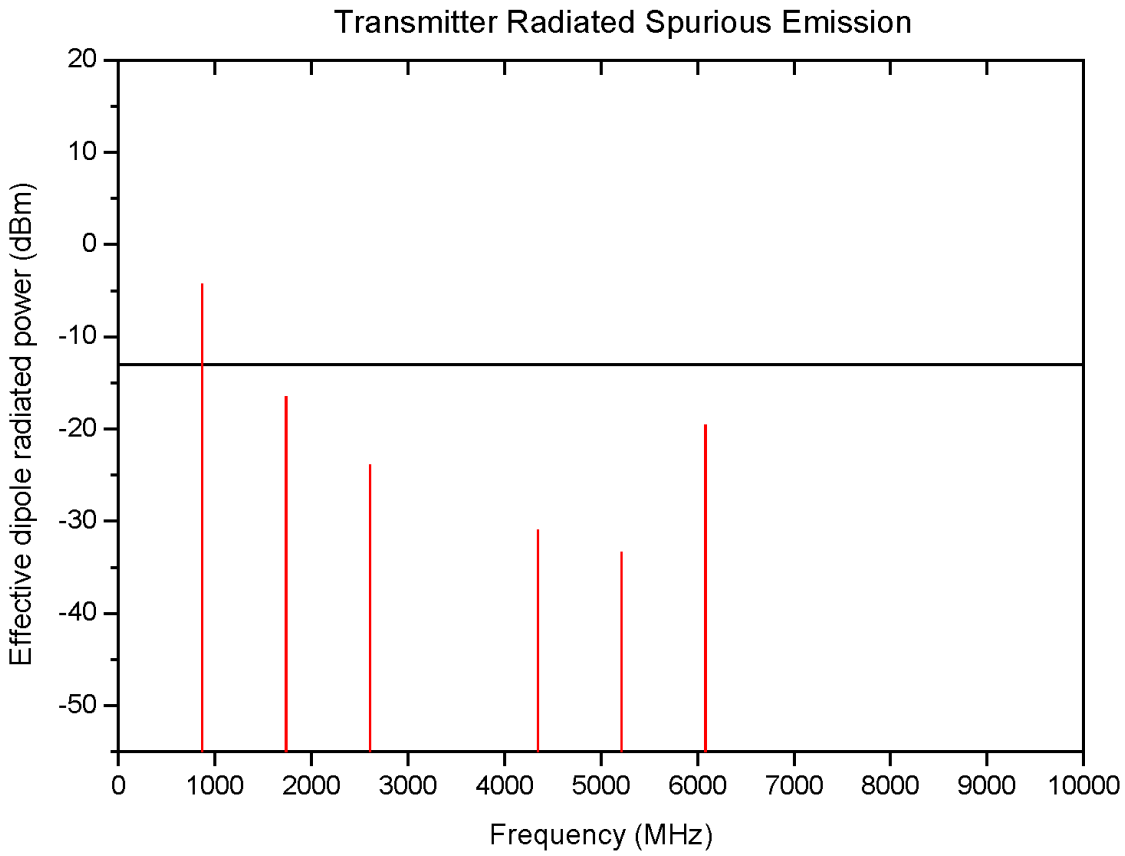
Rated Power Output = 30.0 Watt
Channel 799 / Carrier frequency = 893.97 MHz
Modulated with 48.6 kbs PSEUDORANDOM DATA

APPLICANT:
Ericsson Radio System AB

FCC ID NO.
B5KKRC12110-31

RADIATED SPURIOUS EMISSIONS CASSETTE ANALOG MODE

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



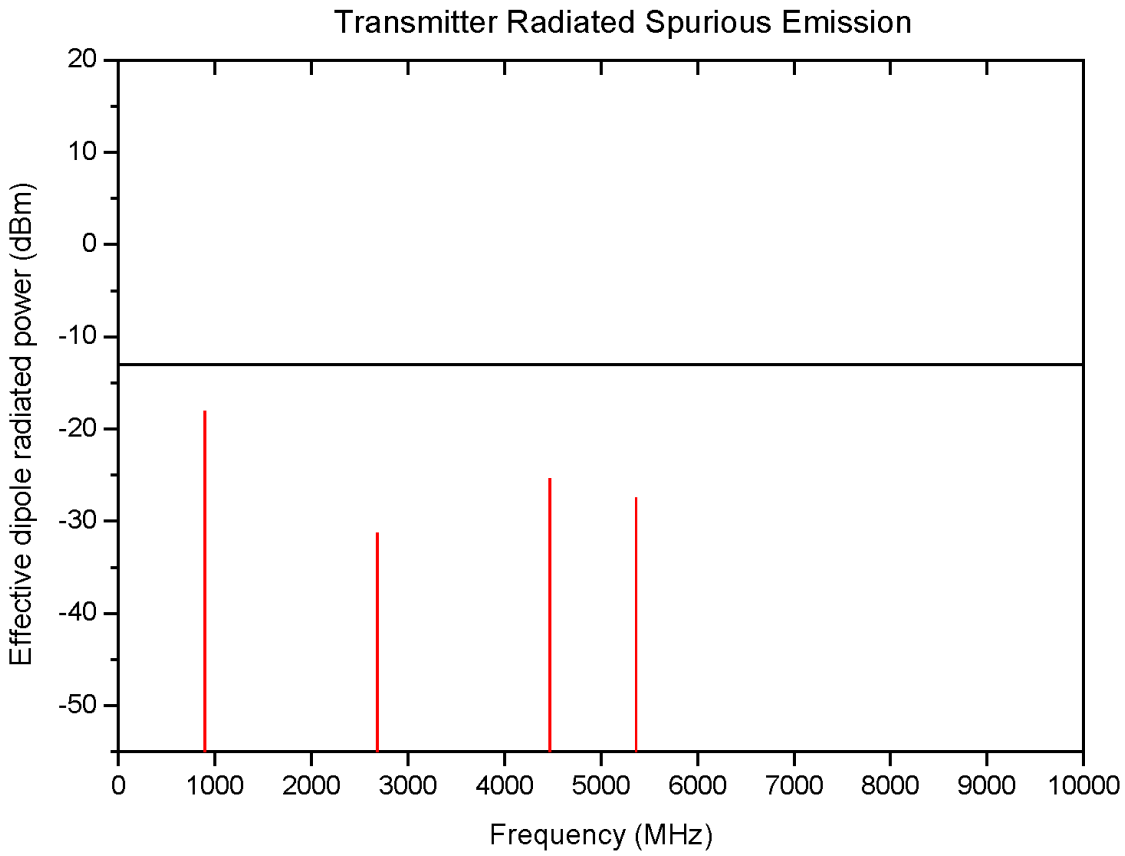
Rated Power Output = 30.0 Watt
Channel 991 / Carrier frequency = 869.04 MHz

APPLICANT:
Ericsson Radio System AB

FCC ID NO.
B5KKRC12110-31

RADIATED SPURIOUS EMISSIONS CASSETTE ANALOG MODE

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



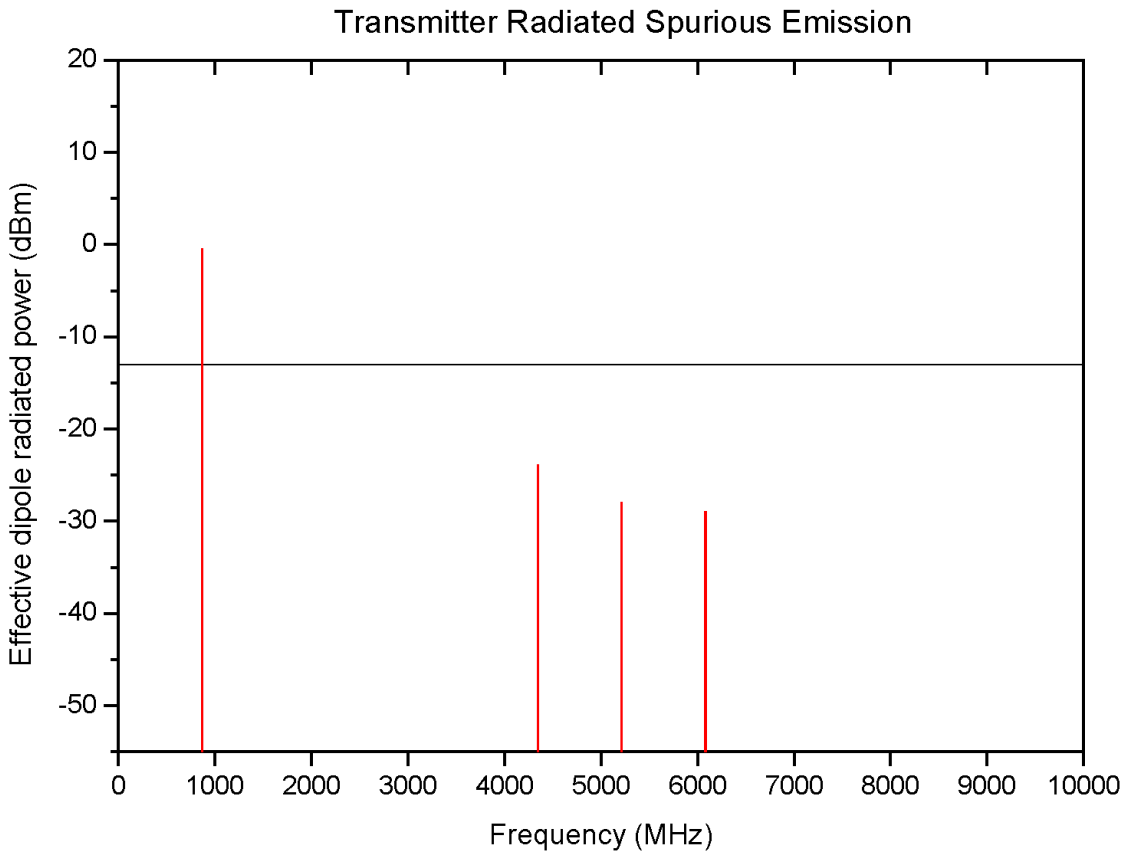
Rated Power Output = 30.0 Watt
Channel 799 / Carrier frequency = 893.97 MHz

APPLICANT:
Ericsson Radio System AB

FCC ID NO.
B5KKRC12110-31

RADIATED SPURIOUS EMISSIONS CASSETTE DIGITAL MODE

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



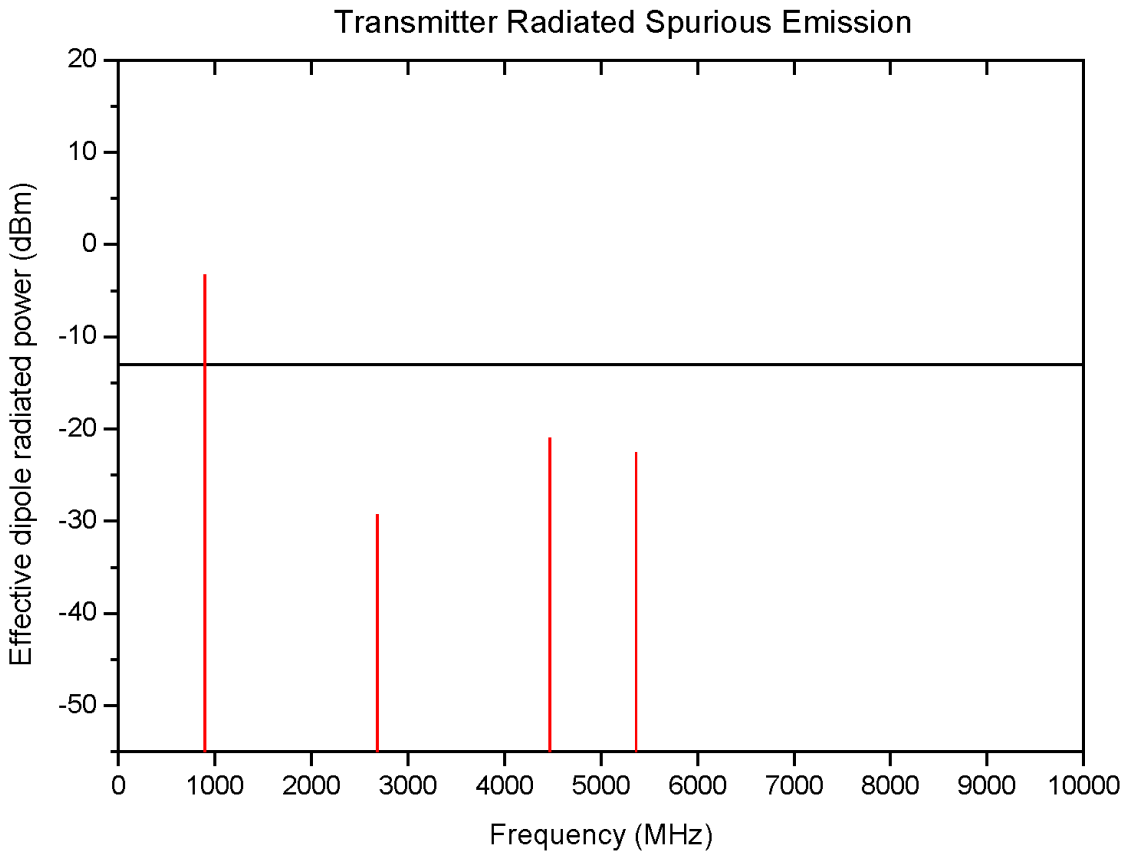
Rated Power Output = 30.0 Watt
Channel 991 / Carrier frequency = 869.04 MHz
Modulated with 48.6 kbs PSEUDORANDOM DATA

APPLICANT:
Ericsson Radio System AB

FCC ID NO.
B5KKRC12110-31

RADIATED SPURIOUS EMISSIONS DIGITAL MODE

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



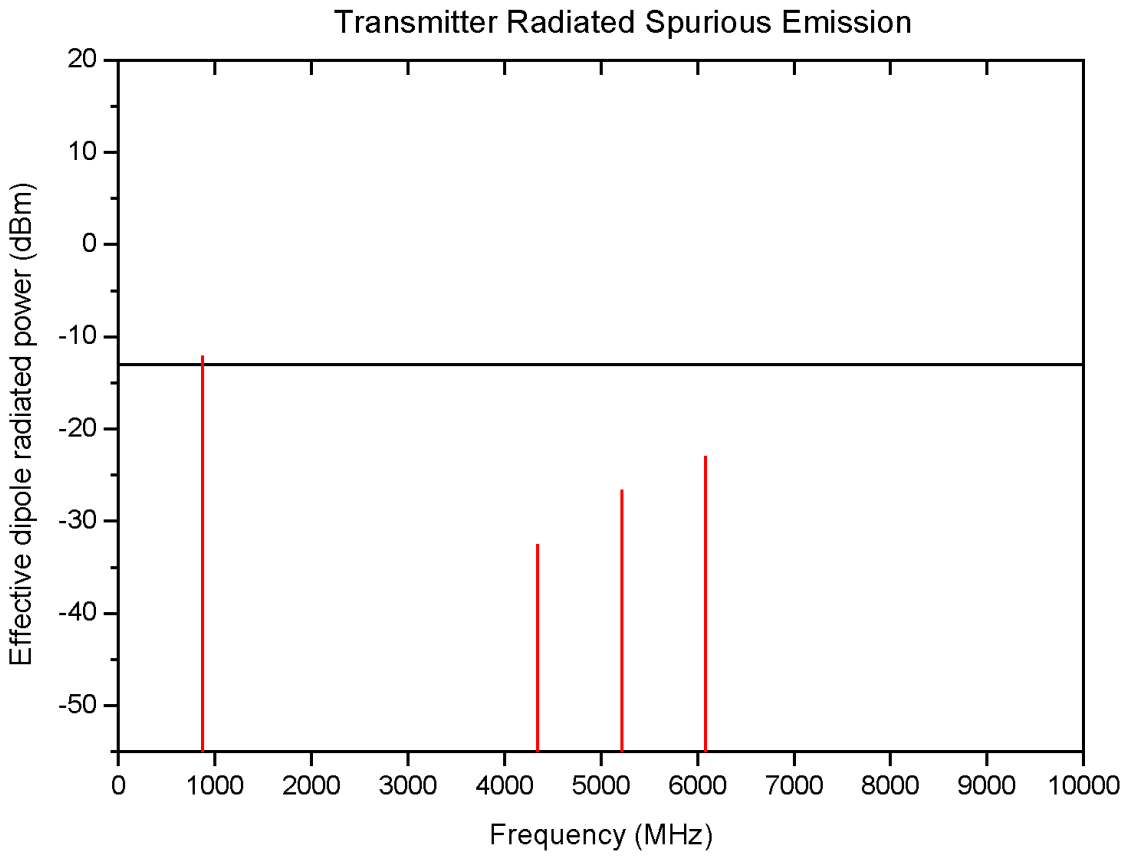
Rated Power Output = 30.0 Watt
Channel 799 / Carrier frequency = 893.97 MHz
Modulated with 48.6 kbs PSEUDORANDOM DATA

APPLICANT:
Ericsson Radio System AB

FCC ID NO.
B5KKRC12110-31

RADIATED SPURIOUS EMISSIONS MINIMDBS DATA PACKET MODE

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



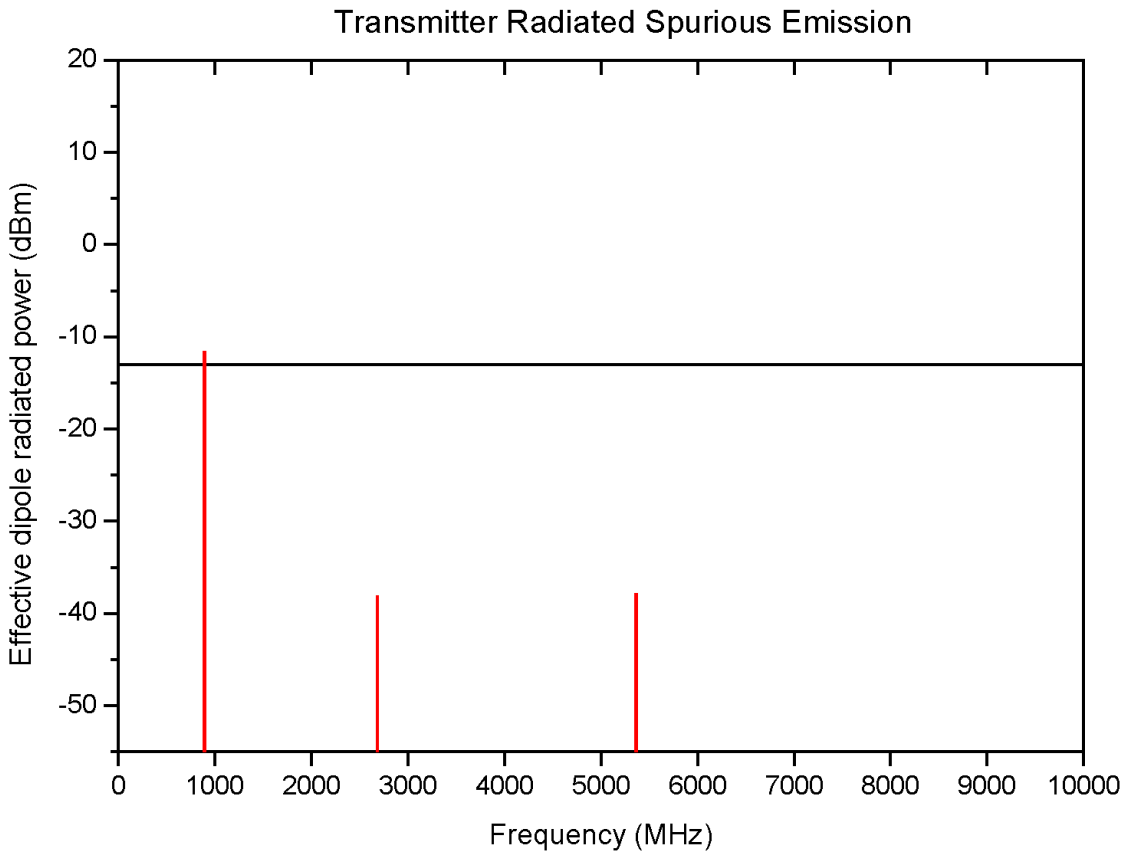
Rated Power Output = 30.0 Watt
Channel 991 / Carrier frequency = 869.04 MHz
Modulated with 19.2 kbs PSEUDORANDOM DATA

APPLICANT:
Ericsson Radio System AB

FCC ID NO.
B5KKRC12110-31

RADIATED SPURIOUS EMISSIONS MINIMDBS DATA PACKET MODE

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



Rated Power Output = 30.0 Watt
Channel 799 / Carrier frequency = 893.97 MHz
Modulated with 19.2 kbs PSEUDORANDOM DATA

APPLICANT:
Ericsson Radio System AB

FCC ID NO.
B5KKRC12110-31

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.

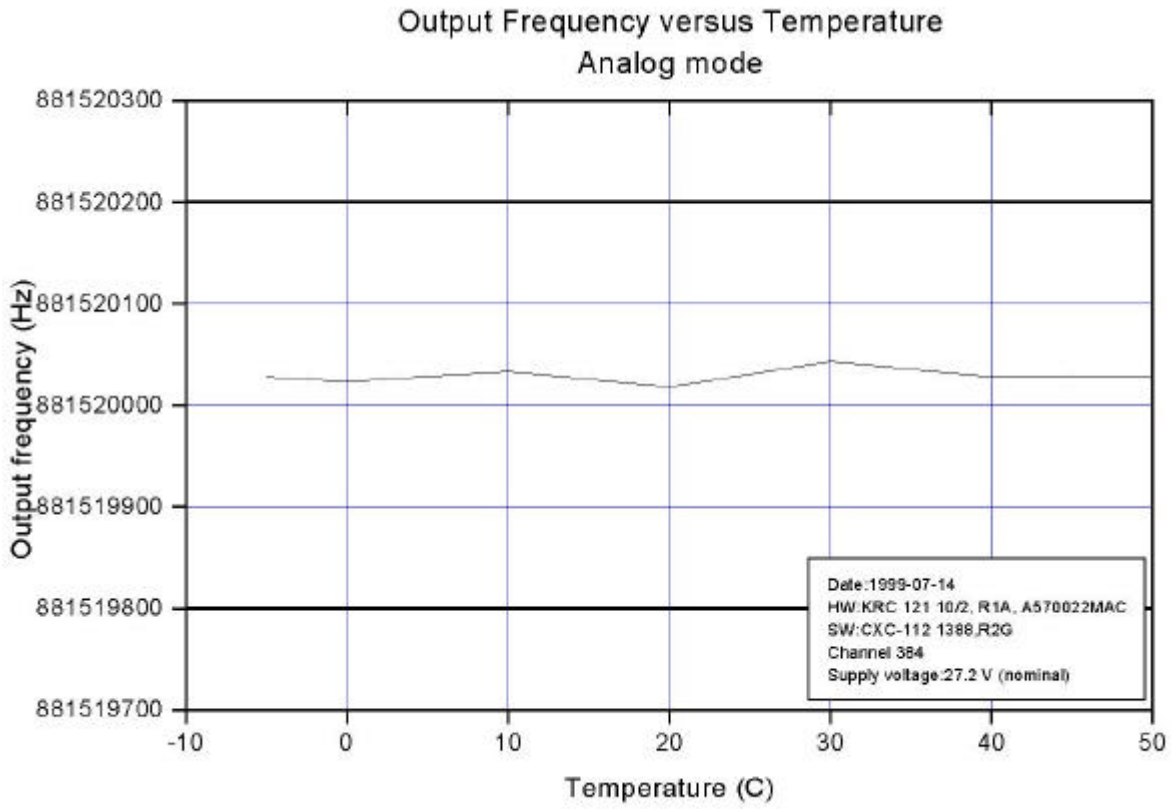
The SATT (Stand Alone Test Tool) was hooked up to a 10 MHz reference standard from a HP89441 Vector Signal Analyzer during the measurements.

APPLICANT:
Ericsson Radio System AB

FCC ID NO.
B5KKRC12110-31

FREQUENCY STABILITY MACRO WITH CRI

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



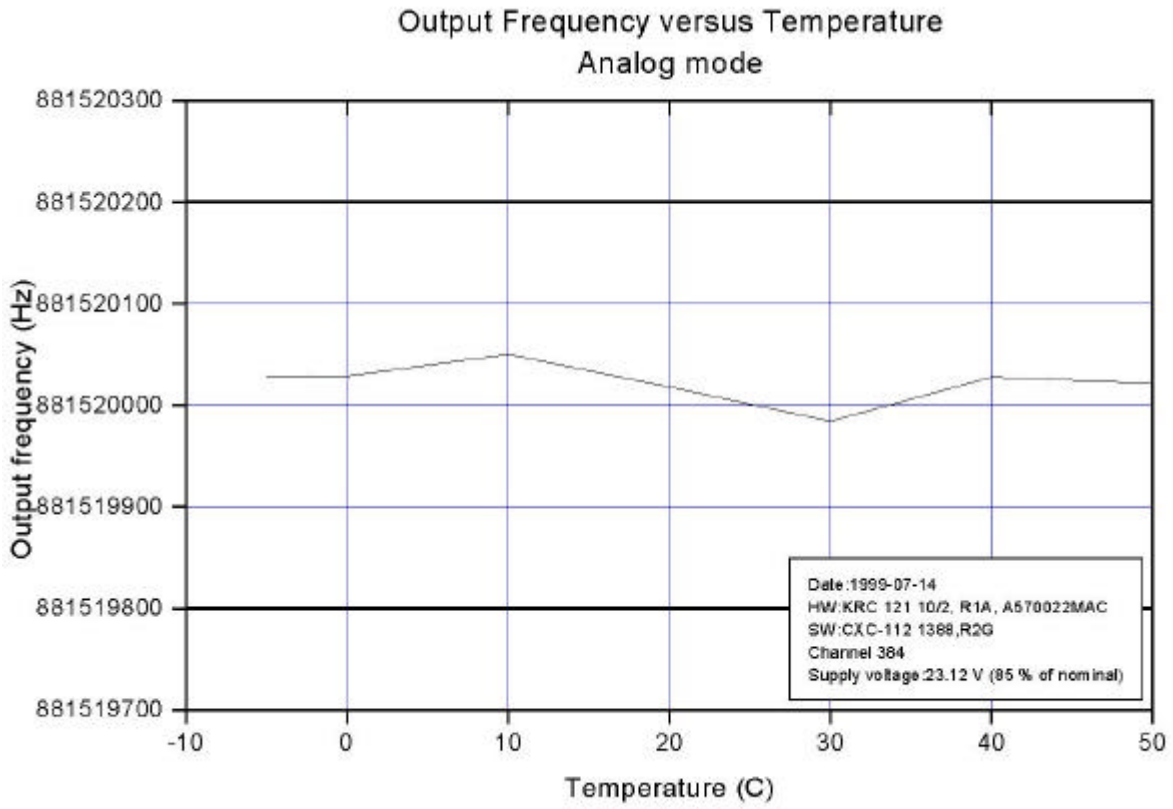
Channel 384 Output Power 44.8 dBm
Supply Voltage:27.2 V (nominal)

APPLICANT:
Ericsson Radio System AB

FCC ID NO.
B5KKRC12110-31

FREQUENCY STABILITY MACRO WITH CRI

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



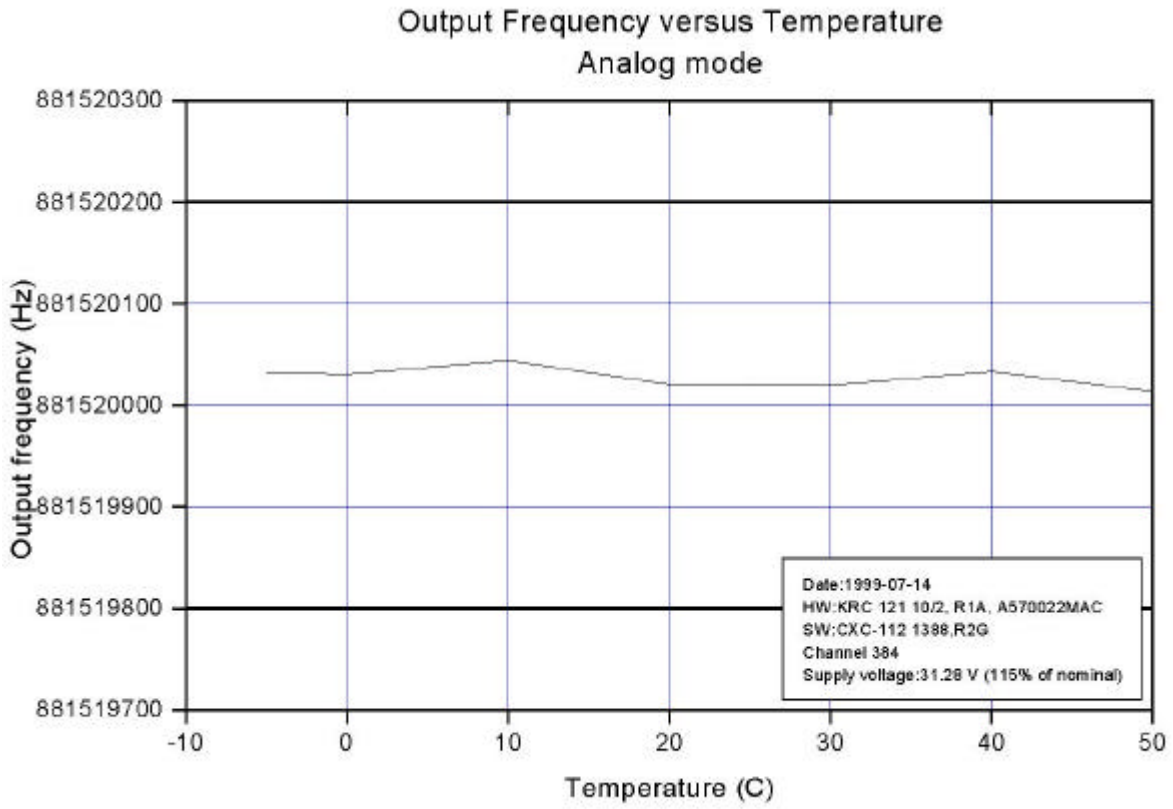
Channel 384 Output Power 44.8 dBm
Supply Voltage:23.12 V (85% of nominal)

APPLICANT:
Ericsson Radio System AB

FCC ID NO.
B5KKRC12110-31

FREQUENCY STABILITY MACRO WITH CRI

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



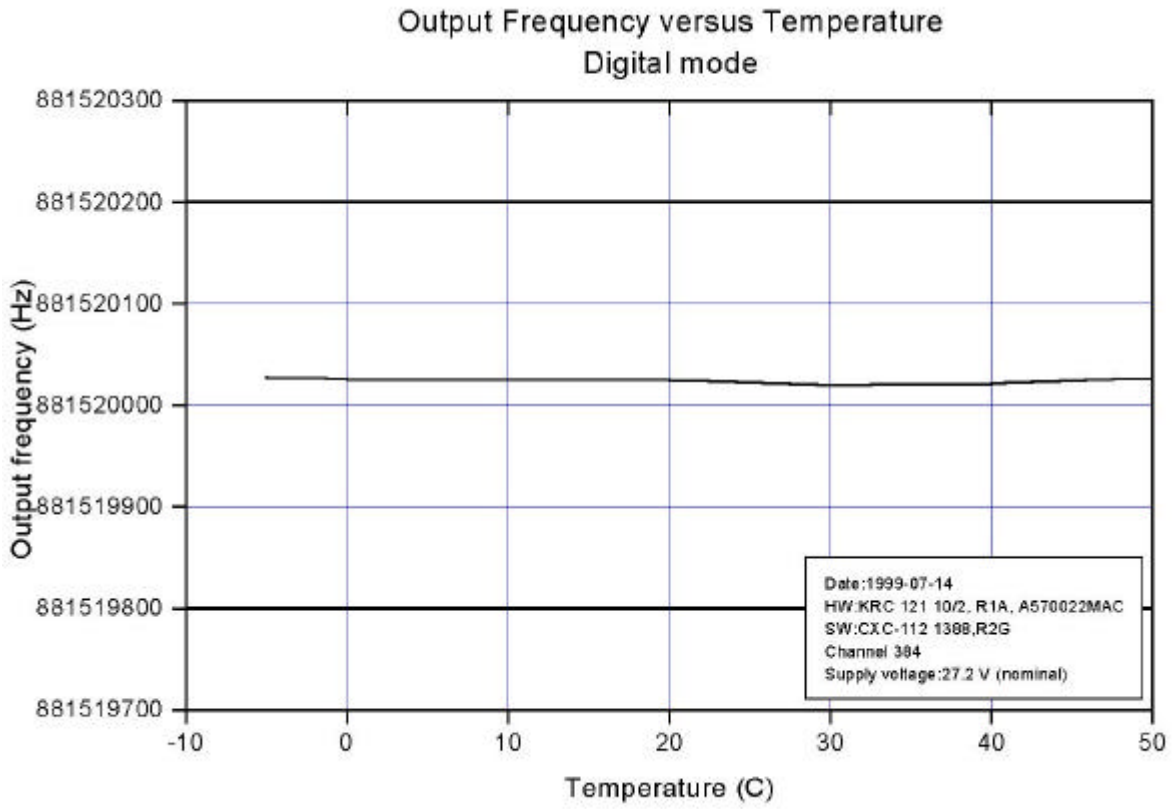
Channel 384 Output Power 44.8 dBm
Supply Voltage:31.28 V (115% of nominal)

APPLICANT:
Ericsson Radio System AB

FCC ID NO.
B5KKRC12110-31

FREQUENCY STABILITY CASSETTE WITH CRI

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



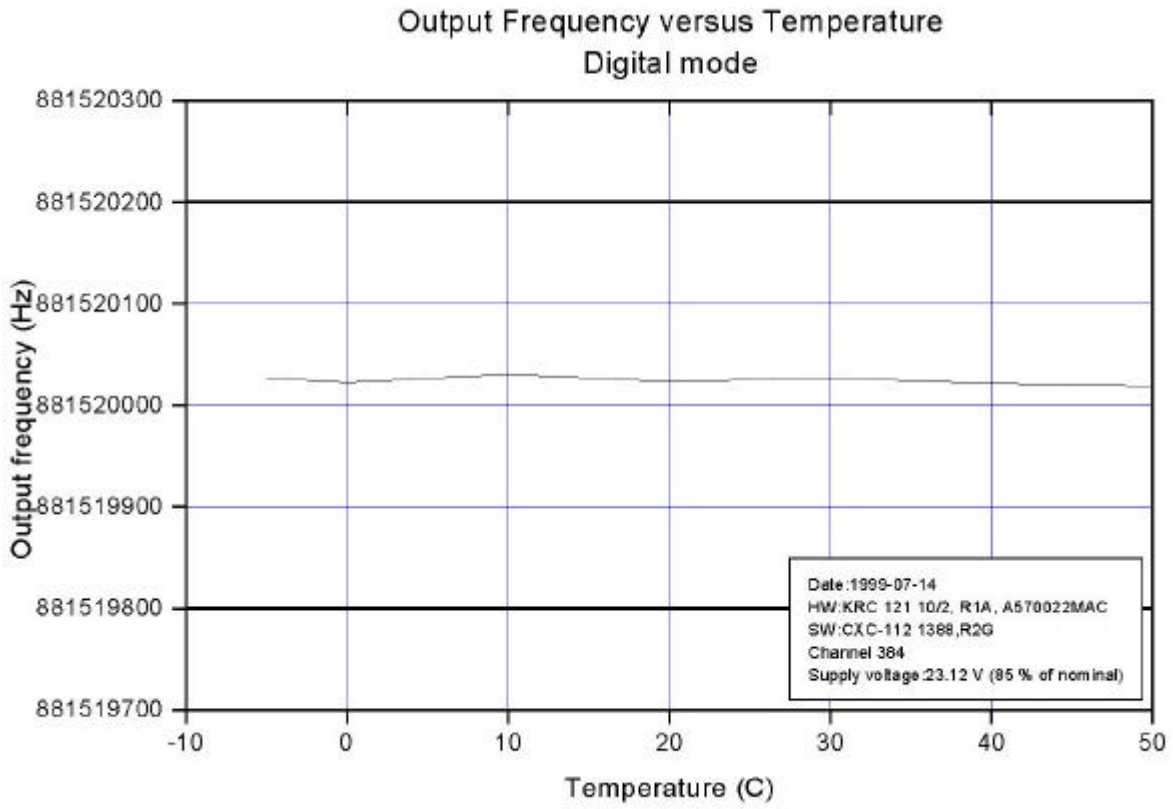
Channel 384 Output Power 44.8 dBm
Supply Voltage:27.2 V (nominal)

APPLICANT:
Ericsson Radio System AB

FCC ID NO.
B5KKRC12110-31

FREQUENCY STABILITY CASSETTE WITH CRI

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



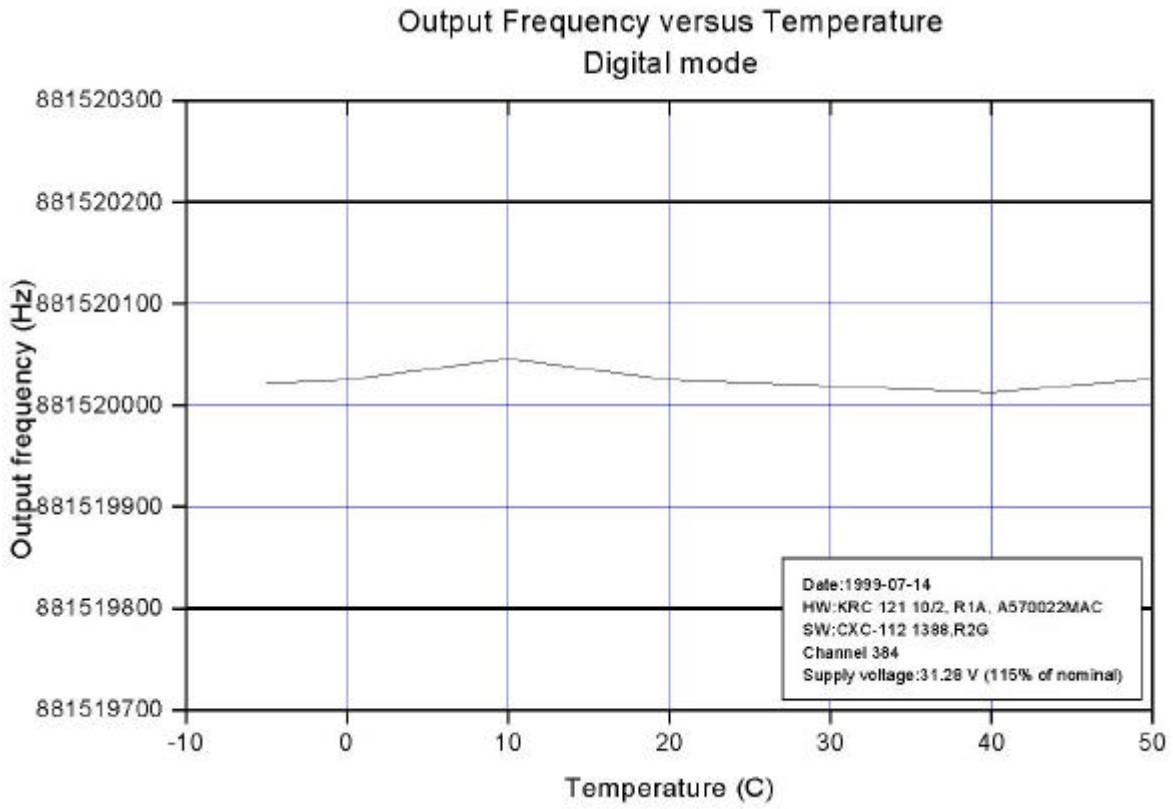
Channel 384 Output Power 44.8 dBm
Supply Voltage:23.12 V (85% of nominal)

APPLICANT:
Ericsson Radio System AB

FCC ID NO.
B5KKRC12110-31

FREQUENCY STABILITY CASSETTE WITH CRI

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



Channel 384 Output Power 44.8 dBm
Supply Voltage:31.28 V (115% of nominal)

APPLICANT:
Ericsson Radio System AB

FCC ID NO.
B5KKRC12110-31

FREQUENCY STABILITY DATA PACKET MODE

2.1055 (a,b,d) Output Frequency

Variation of output frequency as a result of temperature and 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

Personal Computer with serial link

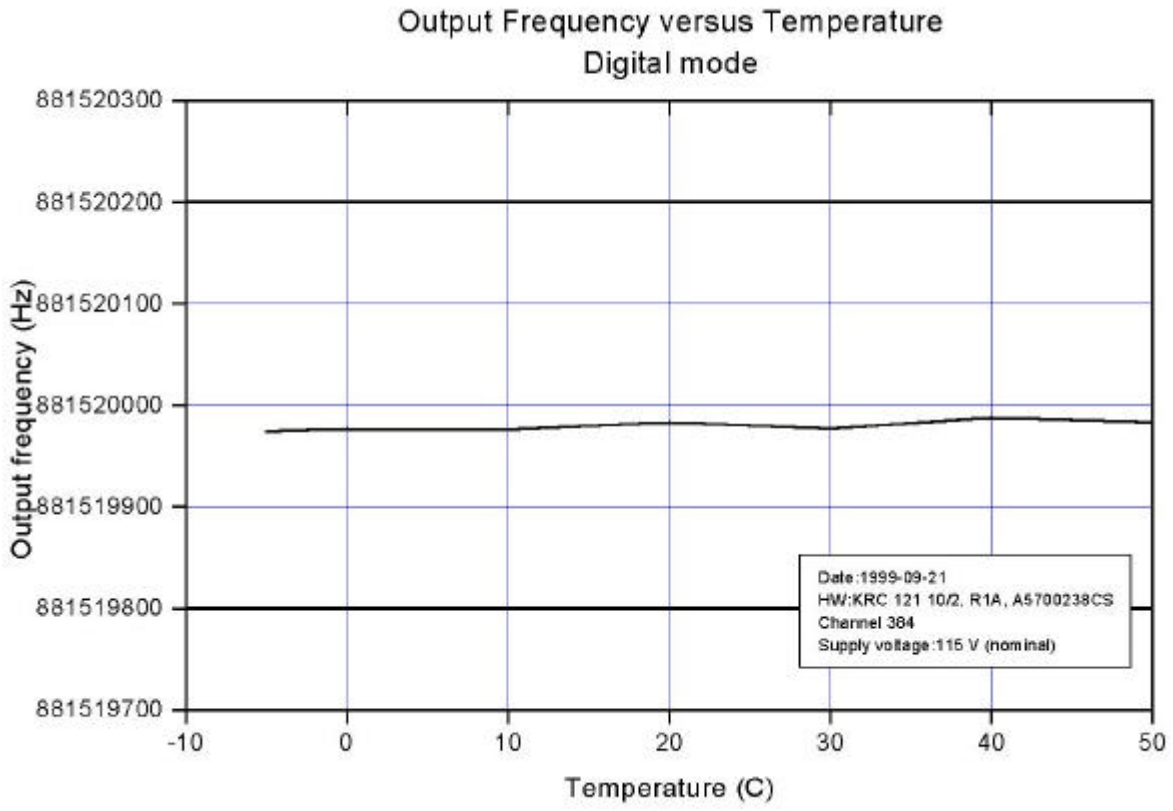
MB Teknik Walk-in temperature chamber with Internal calibrated temperature control.

APPLICANT:
Ericsson Radio System AB

FCC ID NO.
B5KKRC12110-31

FREQUENCY STABILITY DATA PACKET MODE

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



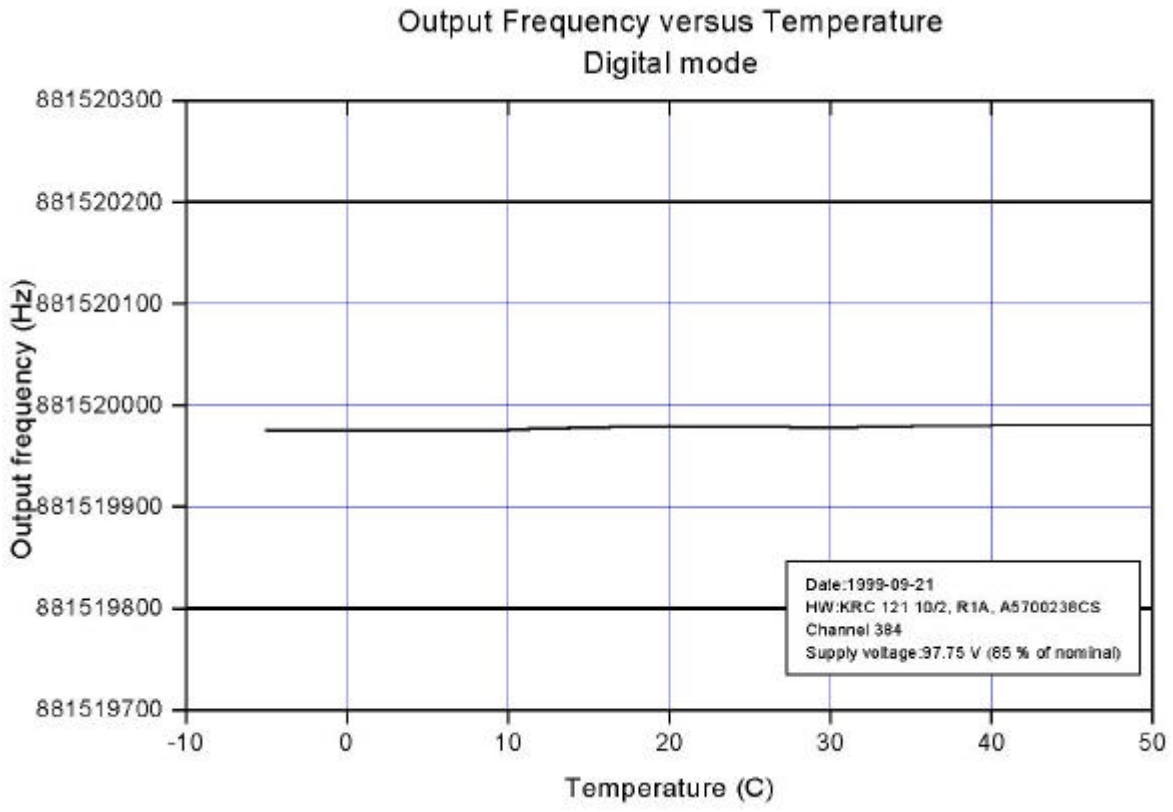
Channel 384 Output Power 44.8 dBm
Supply Voltage:115 V (nominal)

APPLICANT:
Ericsson Radio System AB

FCC ID NO.
B5KKRC12110-31

FREQUENCY STABILITY DATA PACKET MODE

2.1055 Output Frequency versus Temperature



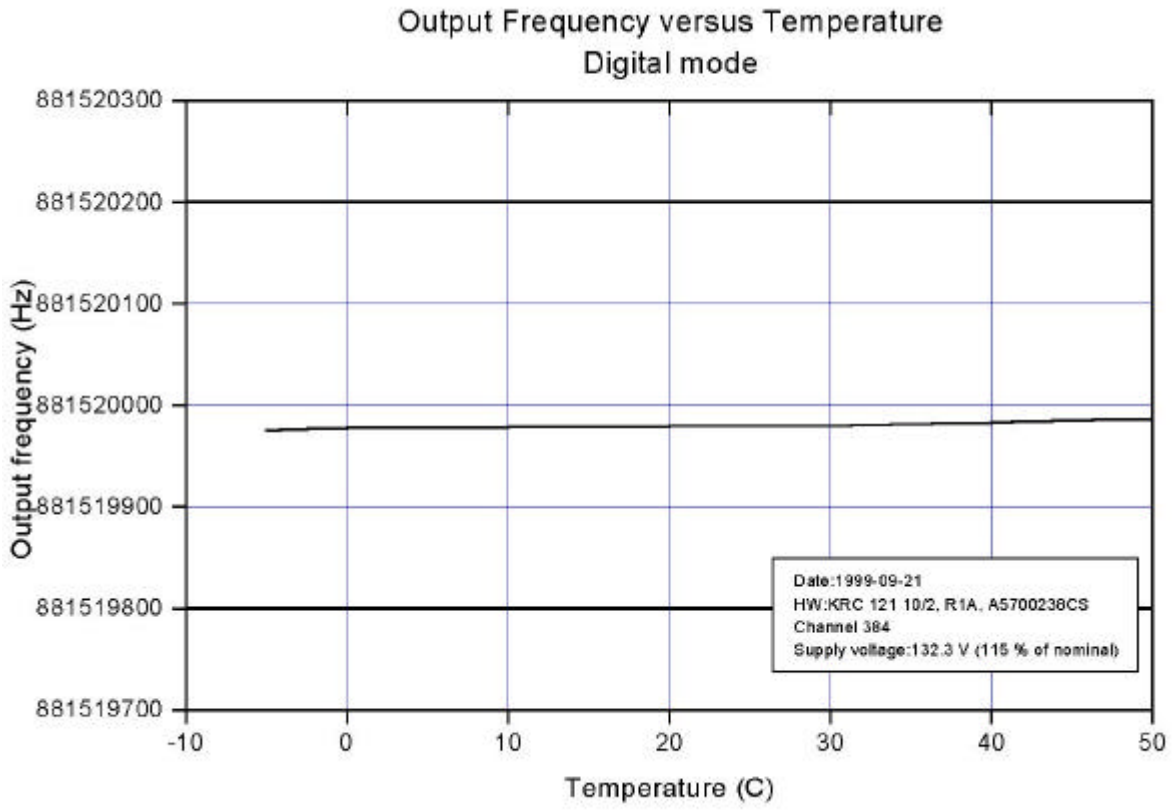
Channel 384 Output Power 44.8 dBm
Supply Voltage:97.75 V (85% of nominal)

APPLICANT:
Ericsson Radio System AB

FCC ID NO.
B5KKRC12110-31

FREQUENCY STABILITY DATA PACKET MODE

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



Channel 384 Output Power 44.8 dBm
Supply Voltage:132.3 V (115% of nominal)