

APPLICANT:
Ericsson Radio System AB

FCC ID NO.
B5KKRC12110-31

EXHIBIT 6 - COVER SHEET

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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.

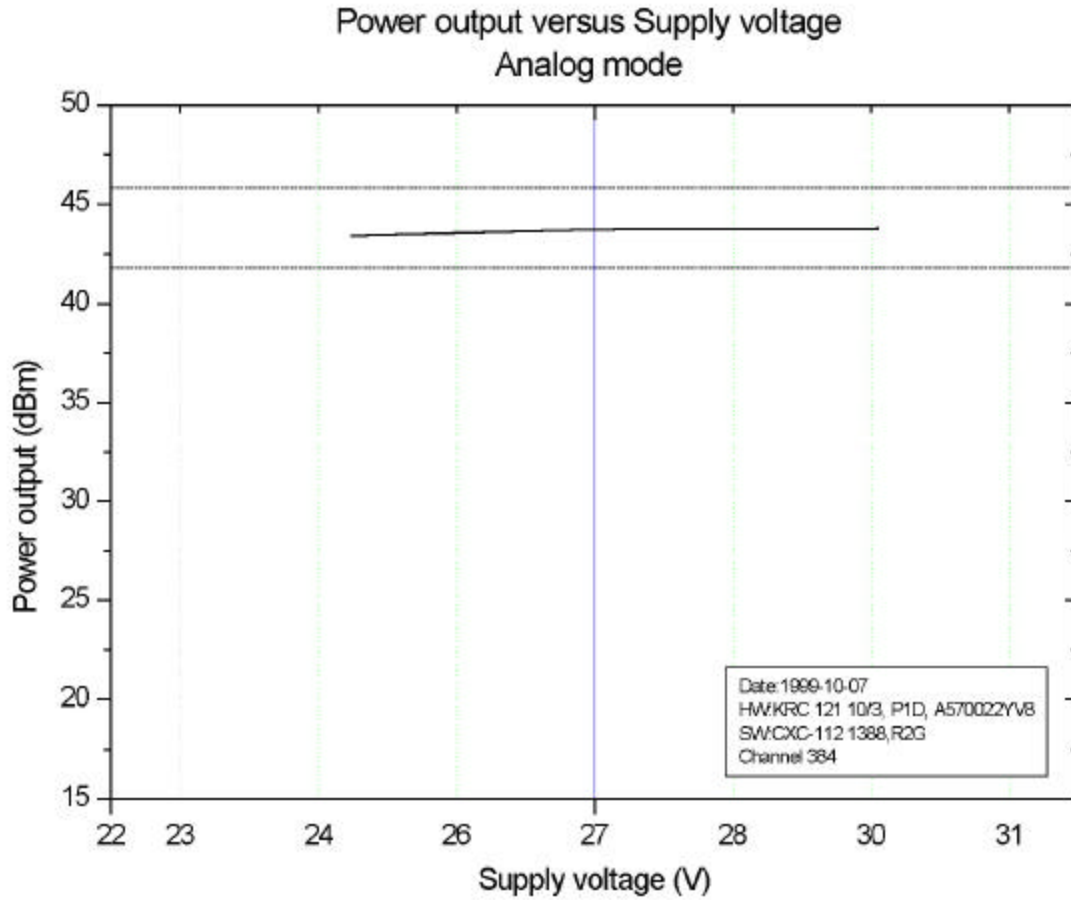
Radio frequency 50 ohm load attached to the
output. The power was measured on a BONTON
RF Peak power meter/analyzer.

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RF POWER OUTPUT ANALOG MODE

2.1046 (a) RF Power Output



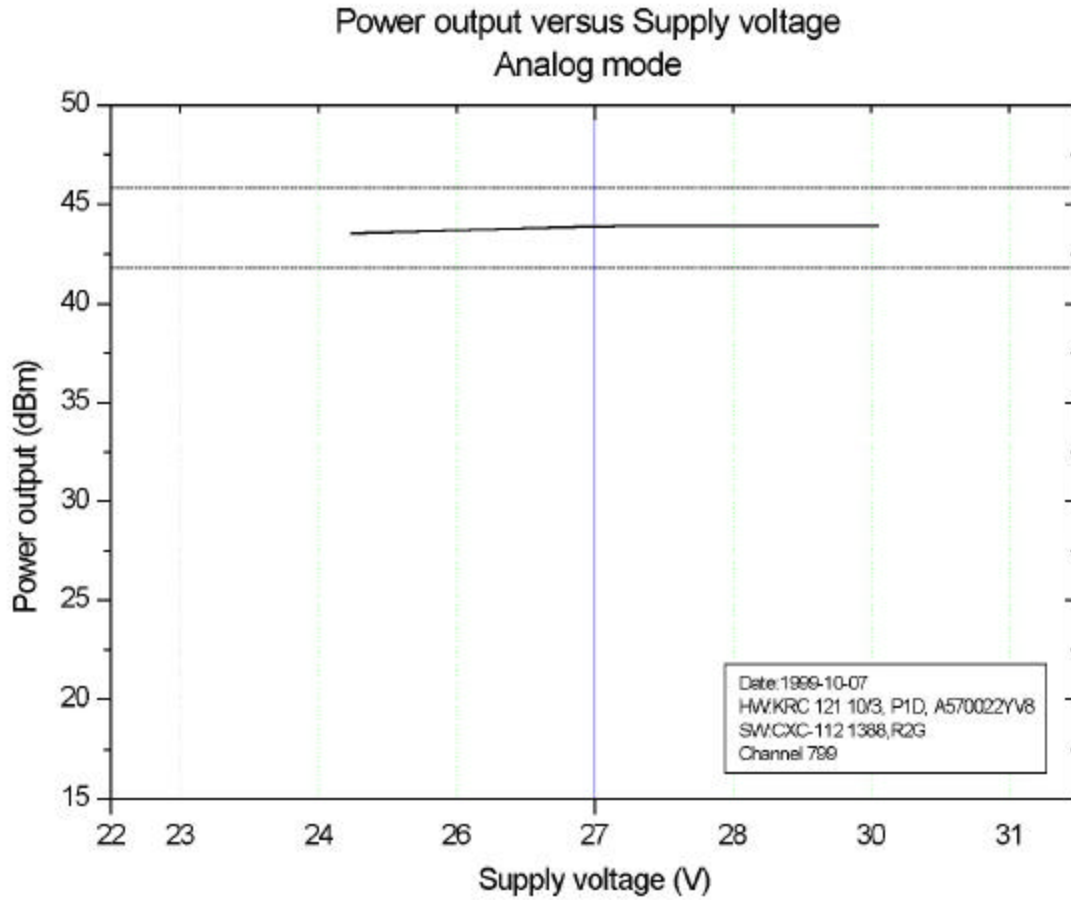
Channel 384 Output Power 44.8 dBm

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RF POWER OUTPUT ANALOG MODE

2.1046 (a) RF Power Output



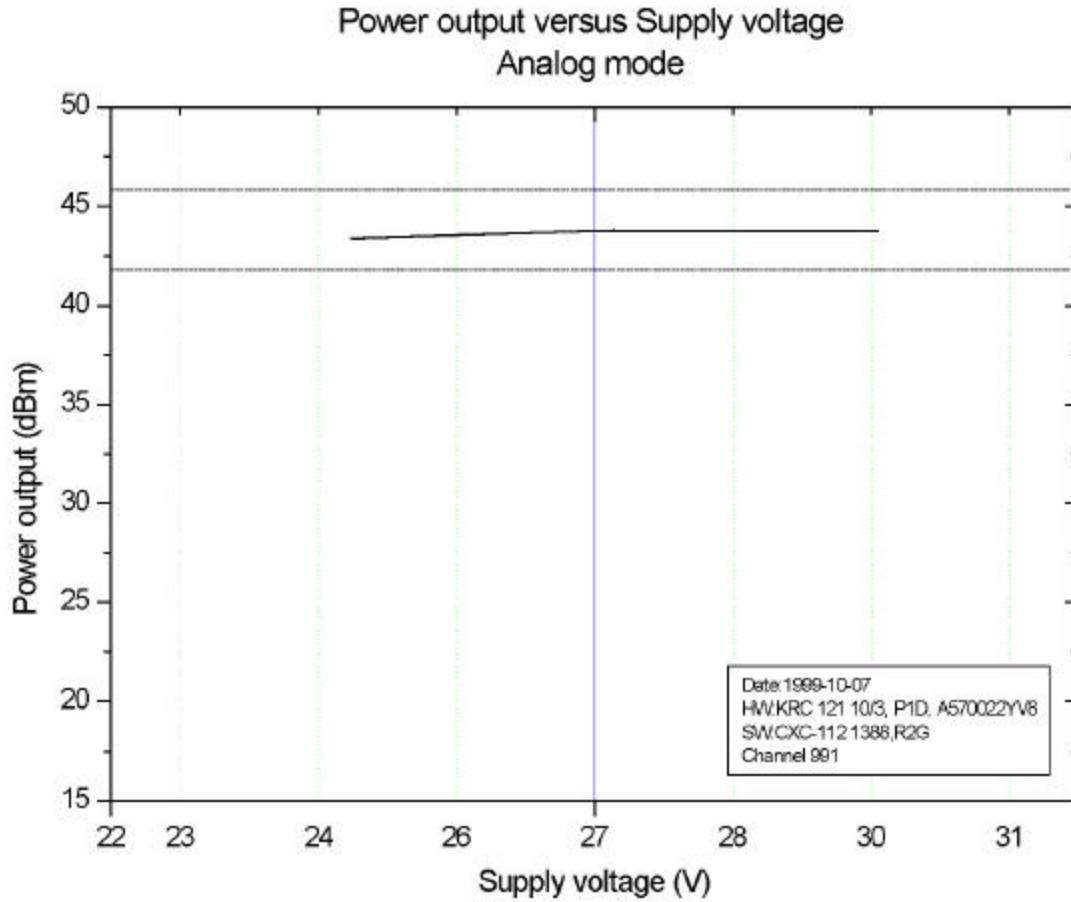
Channel 799 Output Power 44.8 dBm

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RF POWER OUTPUT ANALOG MODE

2.1046 (a) RF Power Output



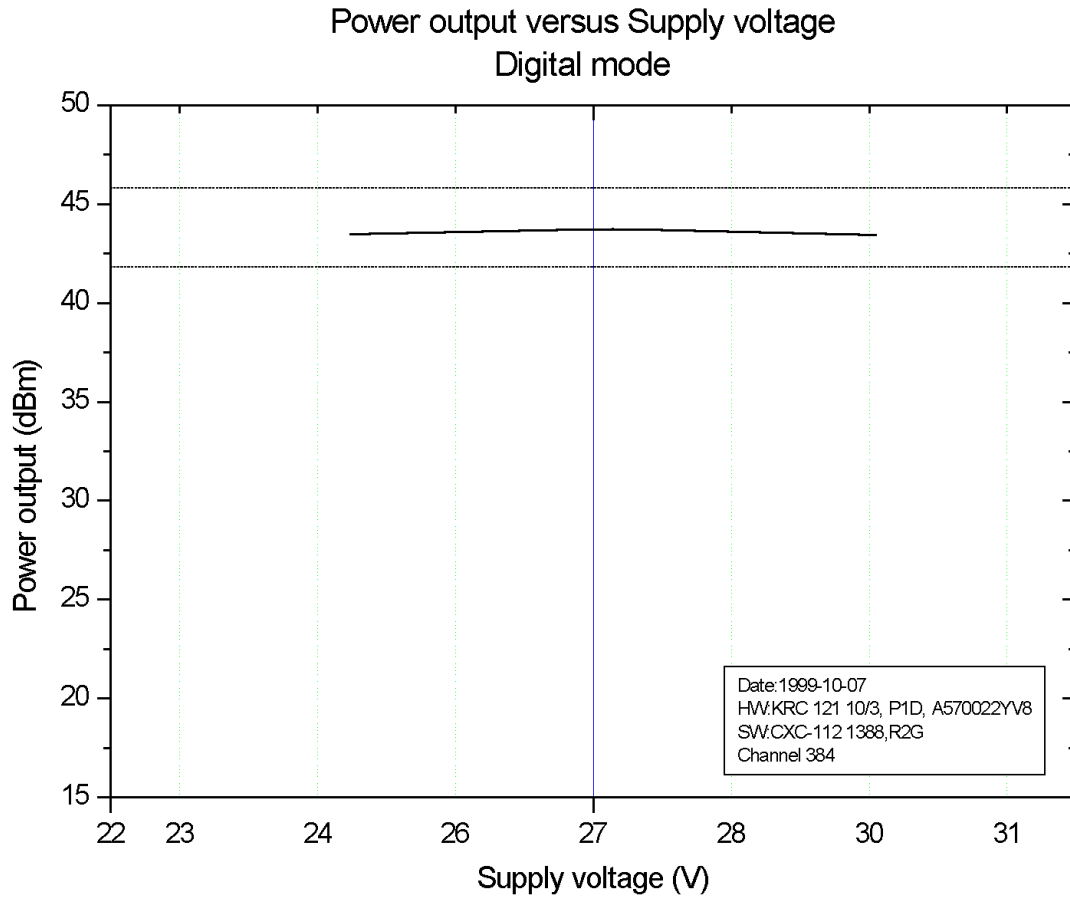
Channel 991 Output Power 44.8 dBm

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RF POWER OUTPUT DIGITAL MODE

2.1046 (a) RF Power Output



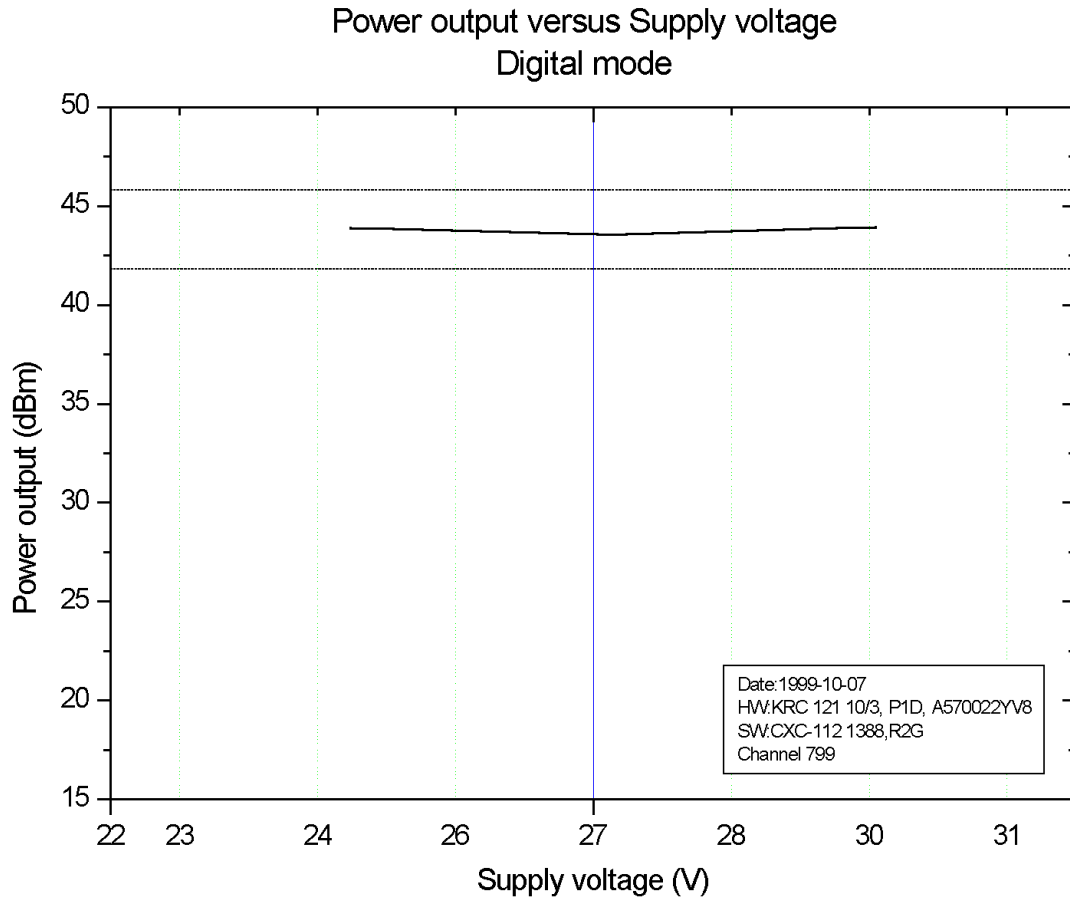
Channel 384 Output Power 44.8 dBm

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RF POWER OUTPUT DIGITAL MODE

2.1046 (a) RF Power Output

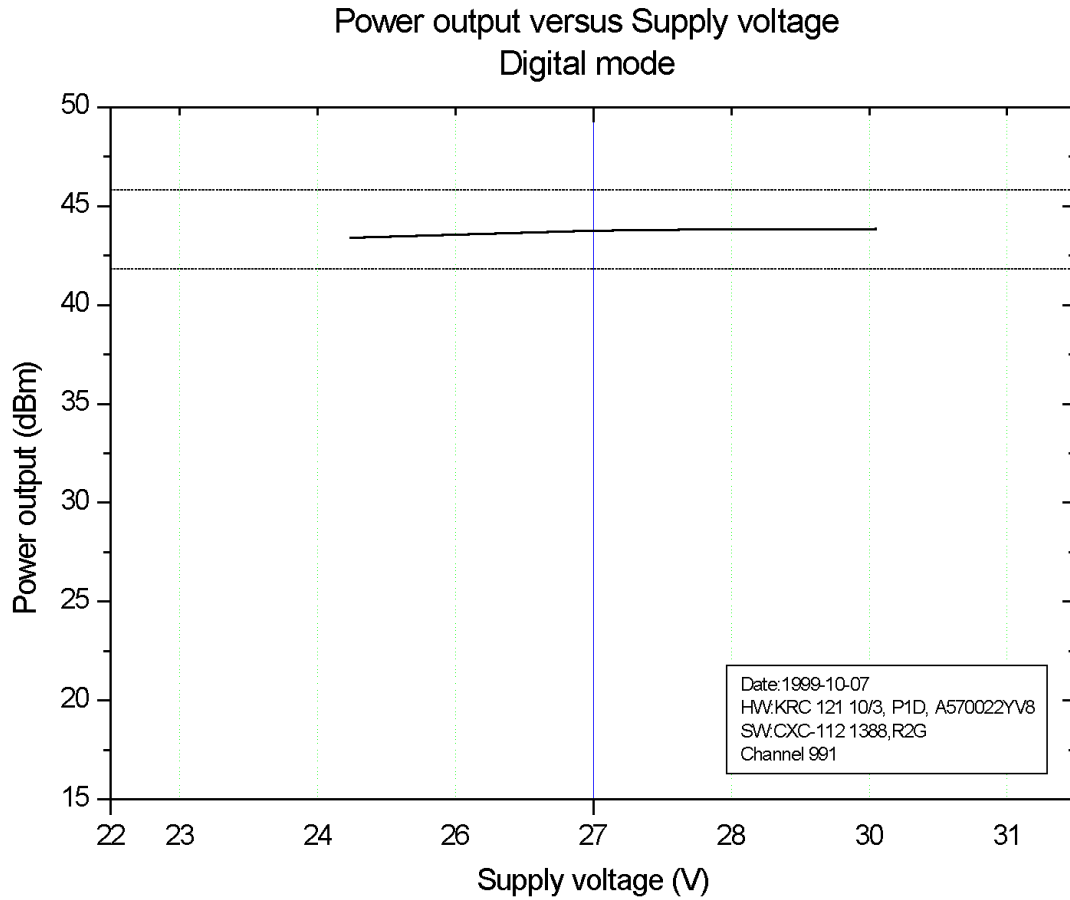


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RF POWER OUTPUT DIGITAL MODE

2.1046 (a) RF Power Output



Channel 991 Output Power 44.8 dBm

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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.

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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.

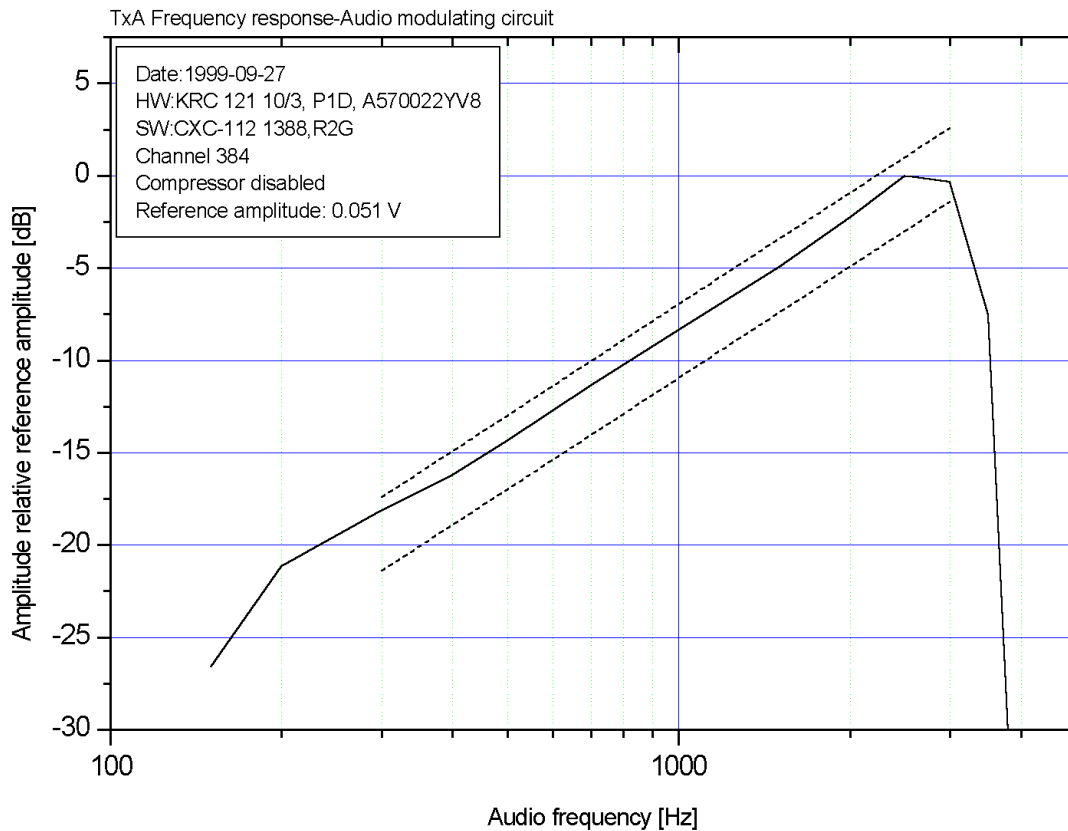
The input signal source was R&S CMTA 54
Radiocommunication analyzer.
The input signal was fed through a custom
made audio-PCM-converter named Claudio.
Radio frequency load 50 ohm attached to the
output.
The peak deviation was measured on a Rohde &
Schwarz CMTA 54, Radiocommunication analyzer.

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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.

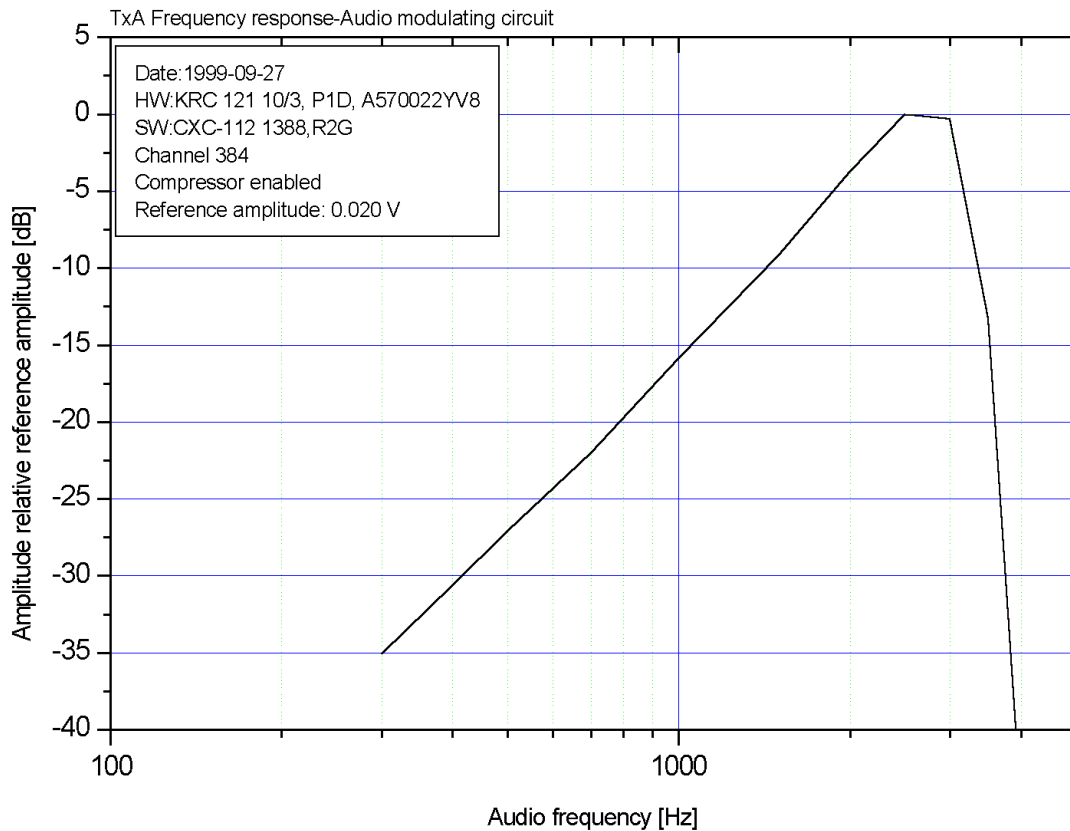
Note: In the RBS884 and RBS882 systems it is
not possible for the TRX to operate without
the compressor enabled.

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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.

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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.

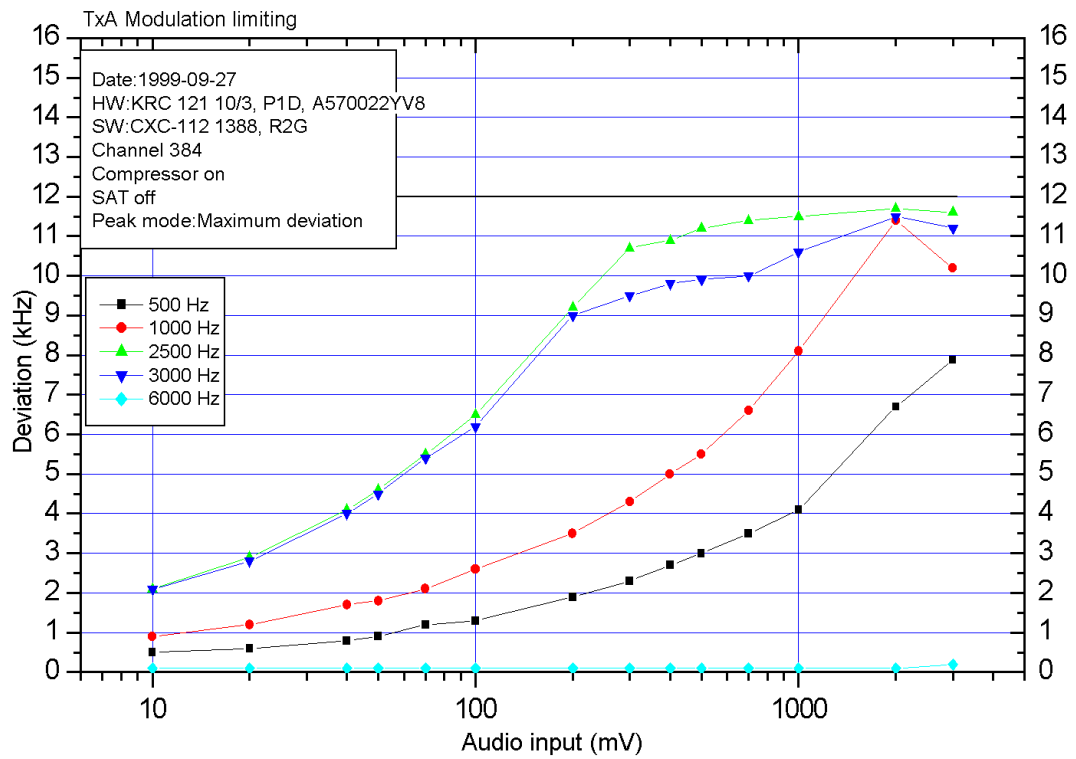
Note: The Modulation limiting is only
measured with the compressor enabled.
In the RBS884 and RBS882 systems it is not
possible for the TRX to operate without the
compressor enabled.

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MODULATION CHARACTERISTICS ANALOG MODE

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

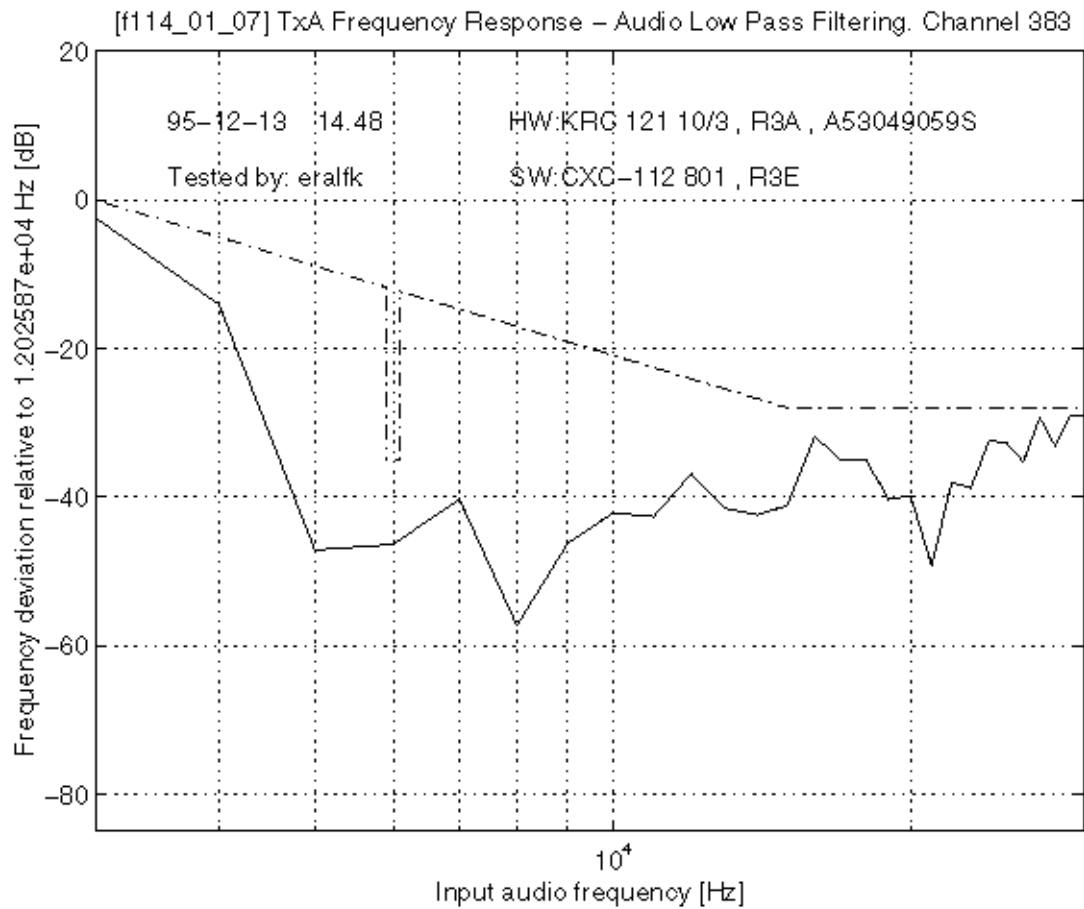


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MODULATION CHARACTERISTICS ANALOG MODE

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



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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 (%)
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.

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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.

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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 through a audio-PCM-converter named Claudio. Radio frequency 50 ohm load attached to the output.

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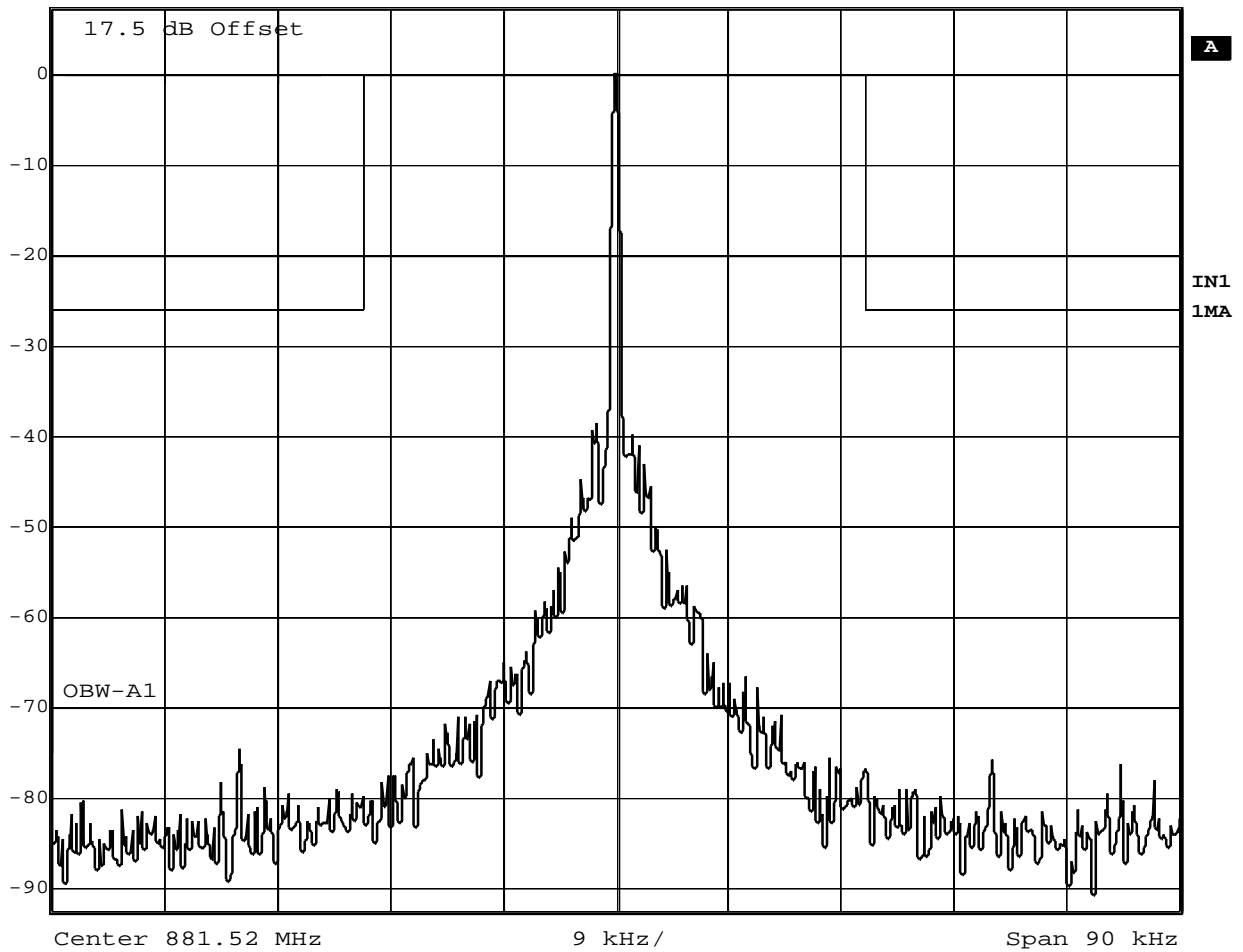
OCCUPIED BANDWIDTH ANALOG MODE

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



Ref Lvl
7.5 dBm

RBW 300 Hz RF Att 0 dB
VBW 300 Hz
SWT 5 s Unit dBm



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

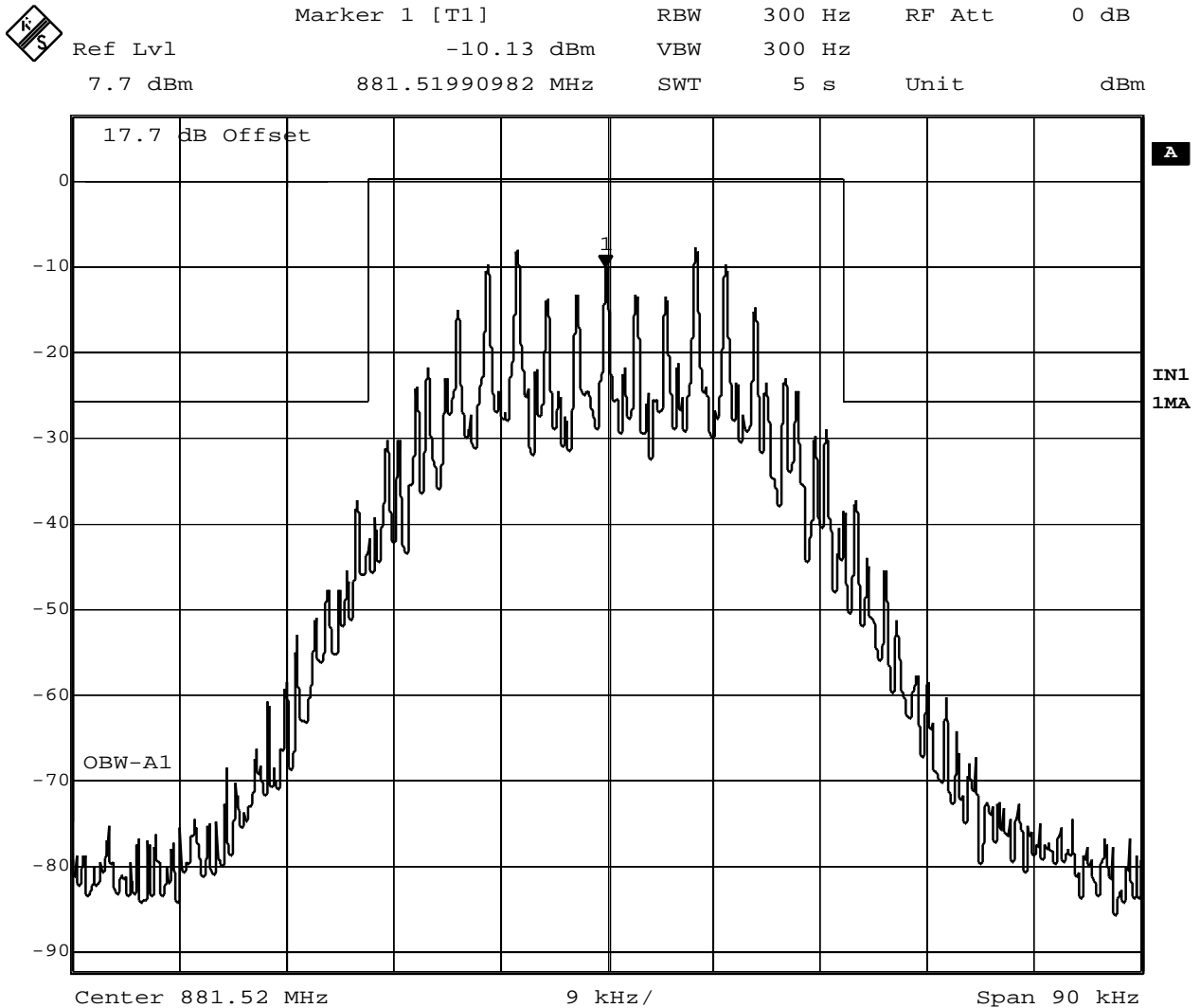
Referenced to the Rated Power Output

APPLICANT:
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FCC ID NO.
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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:
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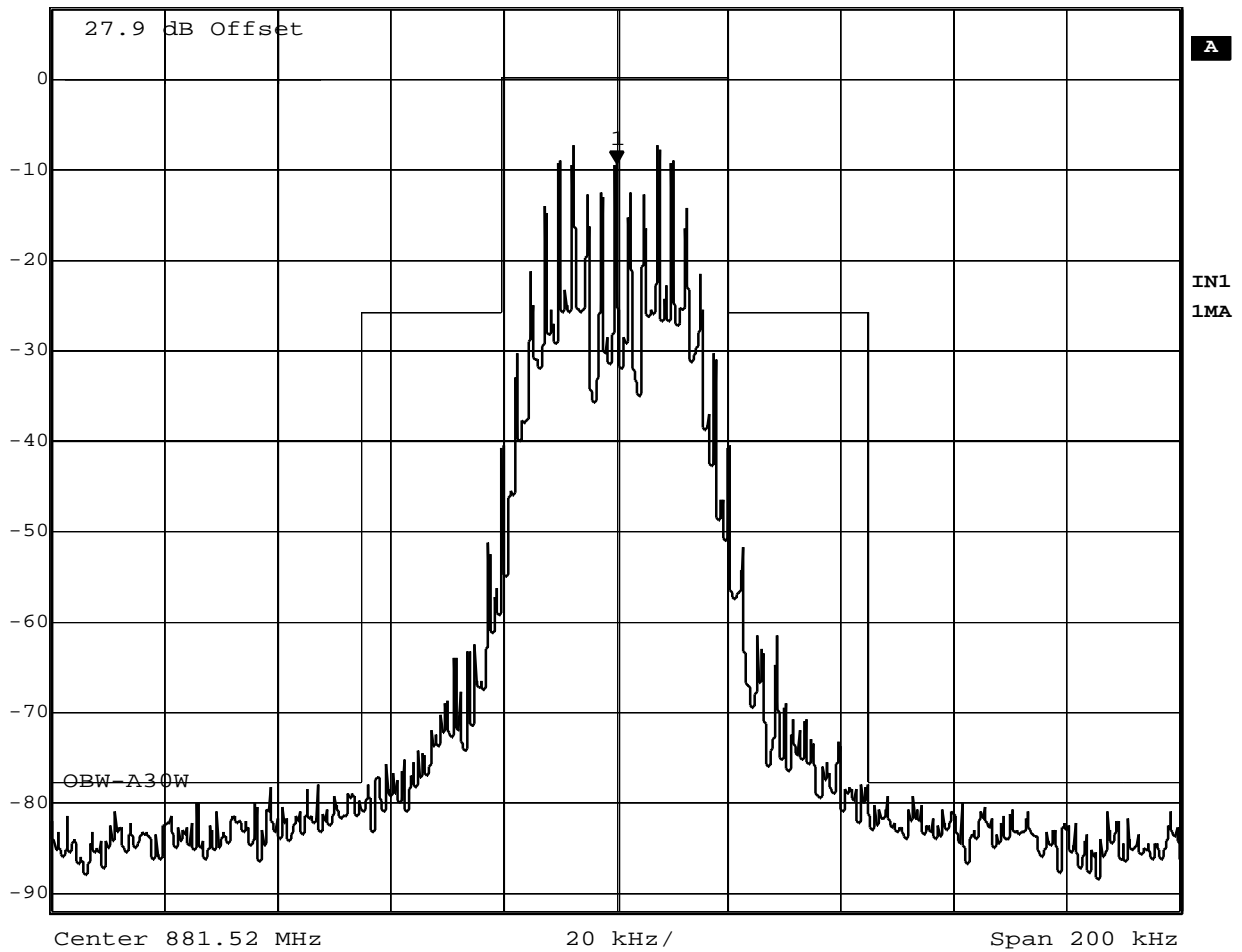
FCC ID NO.
B5KKRC12110-31

OCCUPIED BANDWIDTH ANALOG MODE

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



Ref Lvl	Marker 1 [T1]	RBW	300 Hz	RF Att	0 dB
7.9 dBm	-9.50 dBm	VBW	300 Hz	TG Lvl	0 dBm
	881.52020040 MHz	SWT	11.5 s	Unit	dBm



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

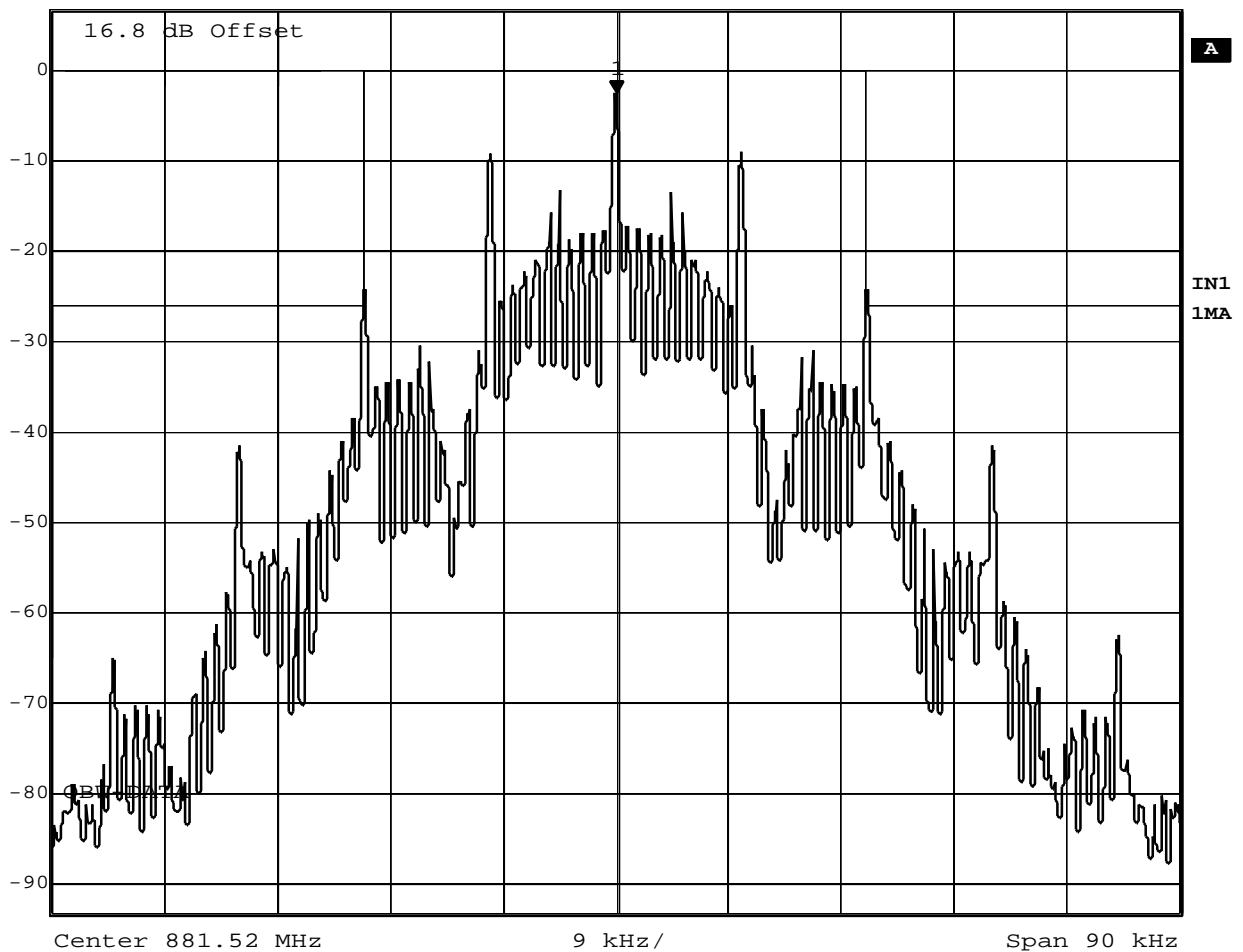
FCC ID NO.
B5KKRC12110-31

OCCUPIED BANDWIDTH ANALOG MODE

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



Ref Lvl	Marker 1 [T1]	RBW	300 Hz	RF Att	10 dB
6.8 dBm	-2.63 dBm	VBW	300 Hz		
	881.52009018 MHz	SWT	5 s	Unit	dBm



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

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

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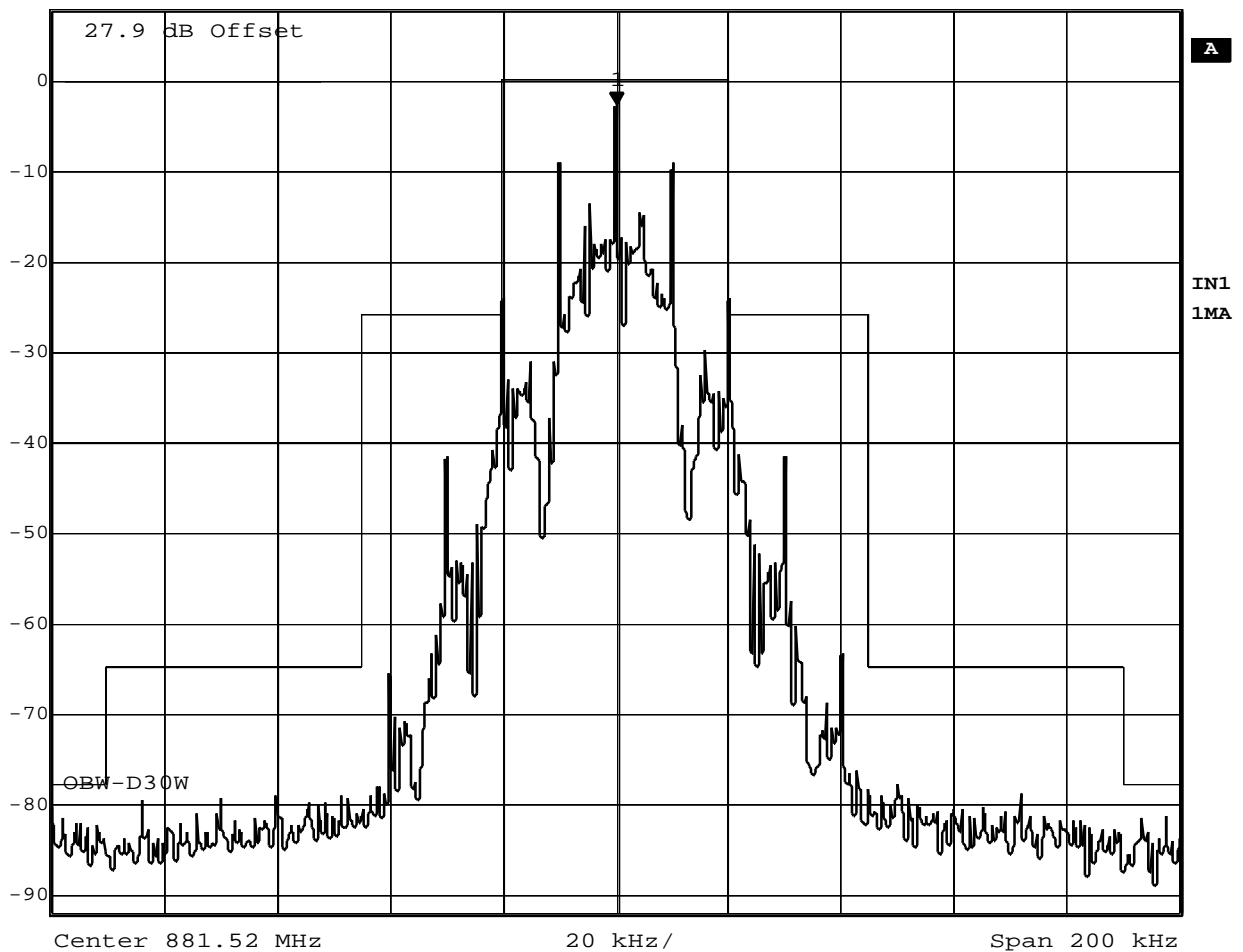
FCC ID NO.
B5KKRC12110-31

OCCUPIED BANDWIDTH ANALOG MODE

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



Ref Lvl	Marker 1 [T1]	RBW	300 Hz	RF Att	0 dB
7.9 dBm	-2.70 dBm	VBW	300 Hz	TG Lvl	0 dBm
	881.52020040 MHz	SWT	11.5 s	Unit	dBm



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

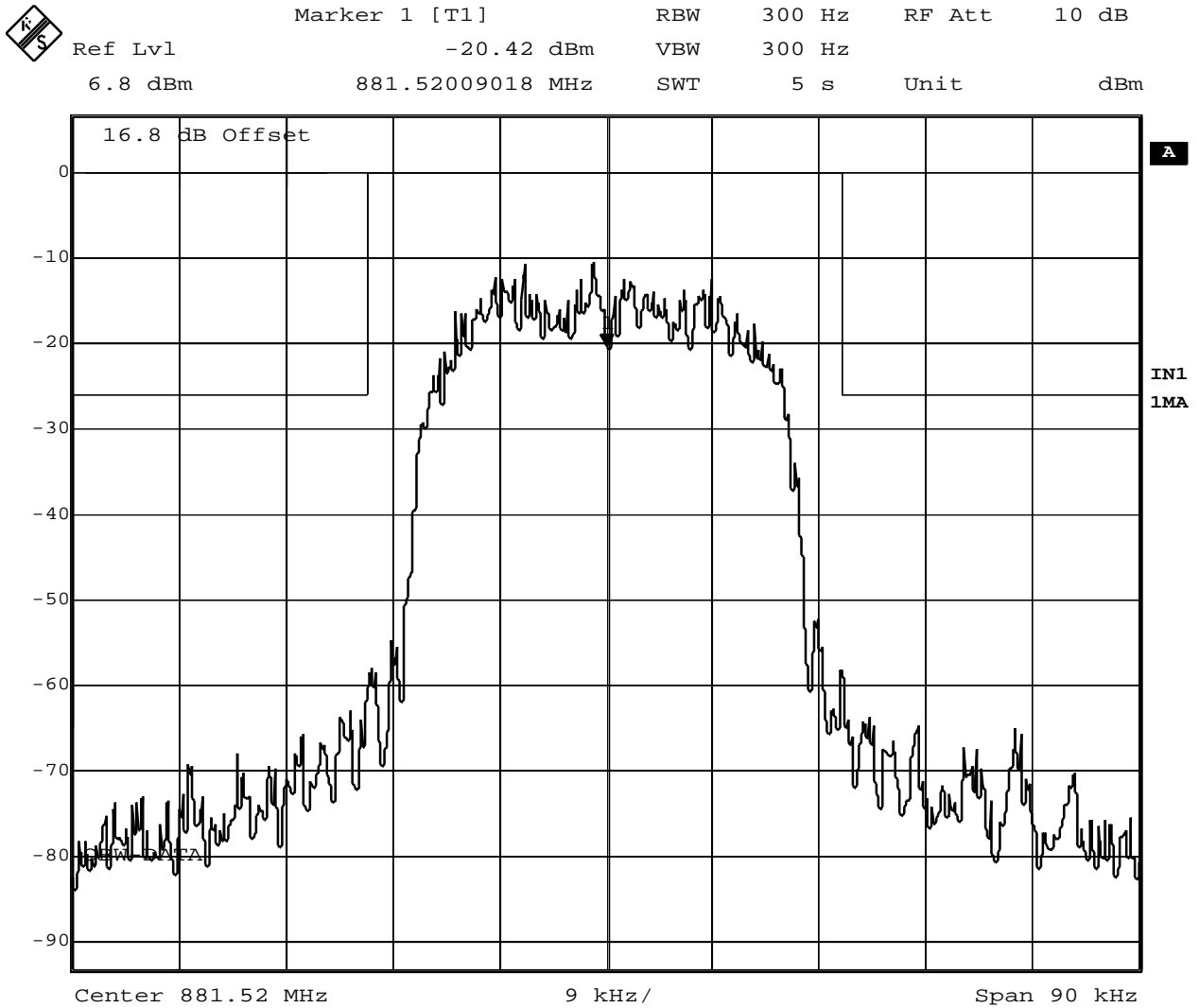
Referenced to the Rated Power Output
Modulated with Wideband Data 10 kHz

APPLICANT:
Ericsson Radio System AB

FCC ID NO.
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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:
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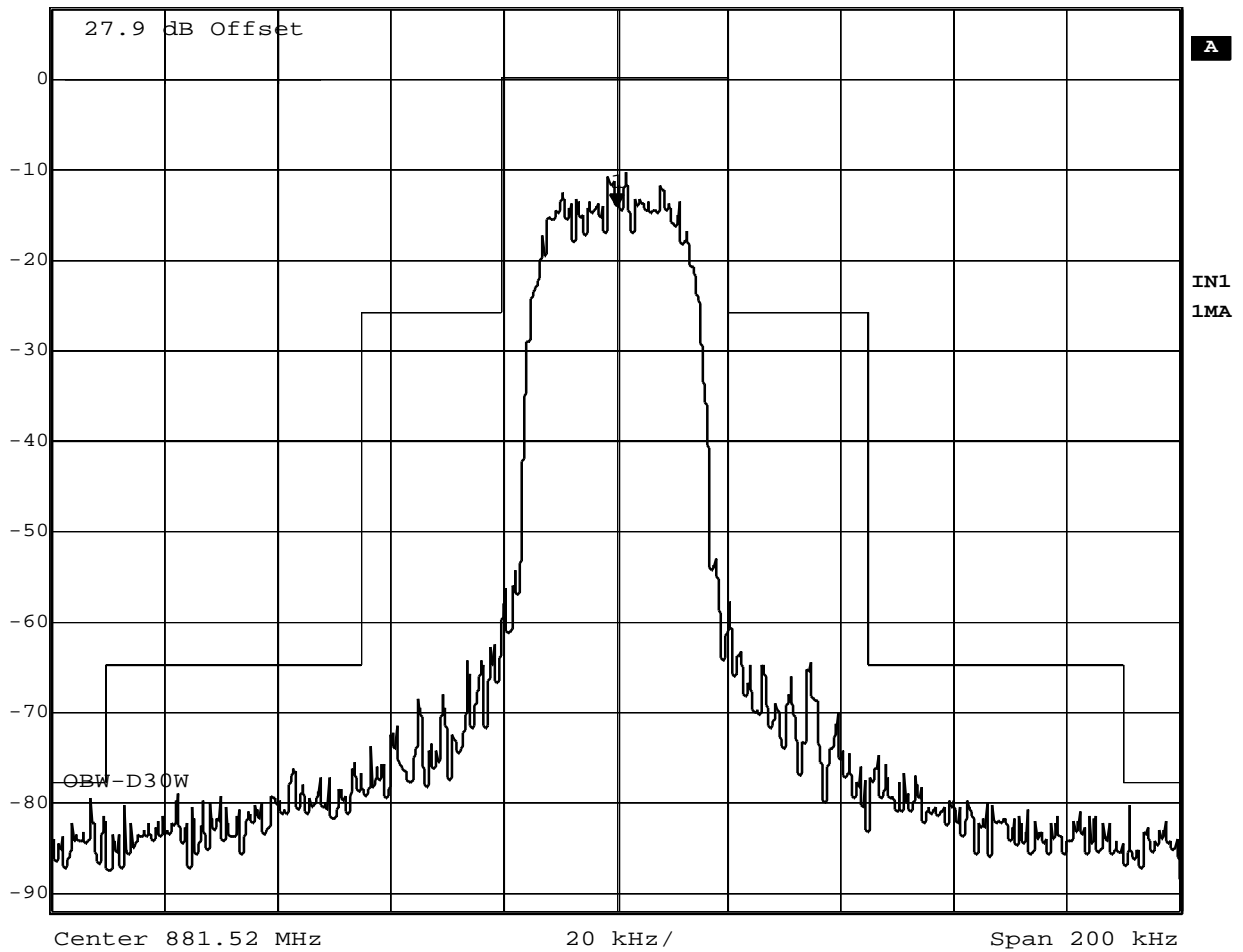
FCC ID NO.
B5KKRC12110-31

OCCUPIED BANDWIDTH DIGITAL MODE

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



Ref Lvl	Marker 1 [T1]	RBW	300 Hz	RF Att	0 dB
7.9 dBm	-14.21 dBm	VBW	300 Hz	TG Lvl	0 dBm
	881.52020040 MHz	SWT	11.5 s	Unit	dBm



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

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

APPLICANT:
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FCC ID NO.
B5KKRC12110-31

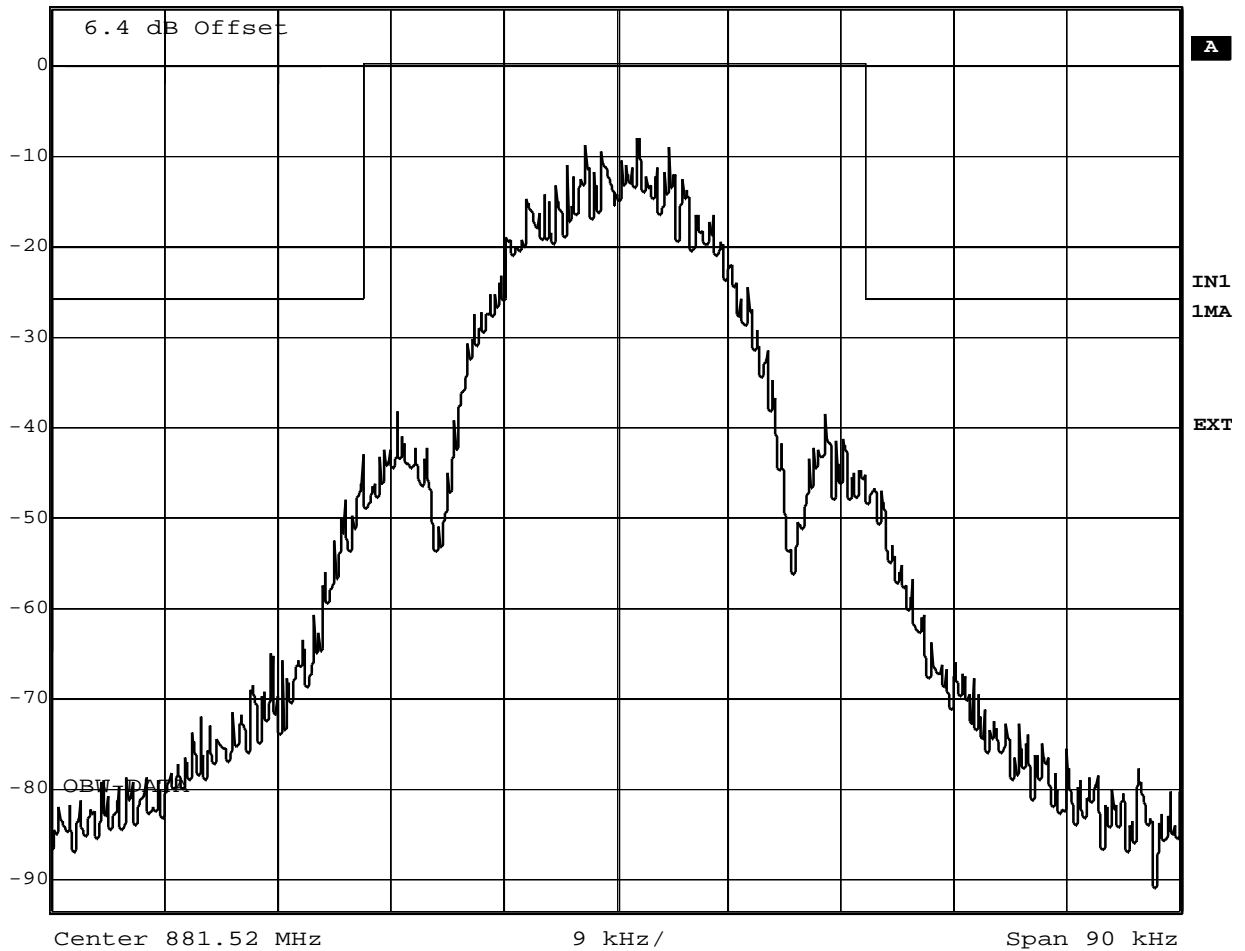
OCCUPIED BANDWIDTH DATA PACKET MODE

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



Ref Lvl
6.4 dBm

RBW 300 Hz RF Att 10 dB
VBW 300 Hz
SWT 5 s Unit dBm



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

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

APPLICANT:
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FCC ID NO.
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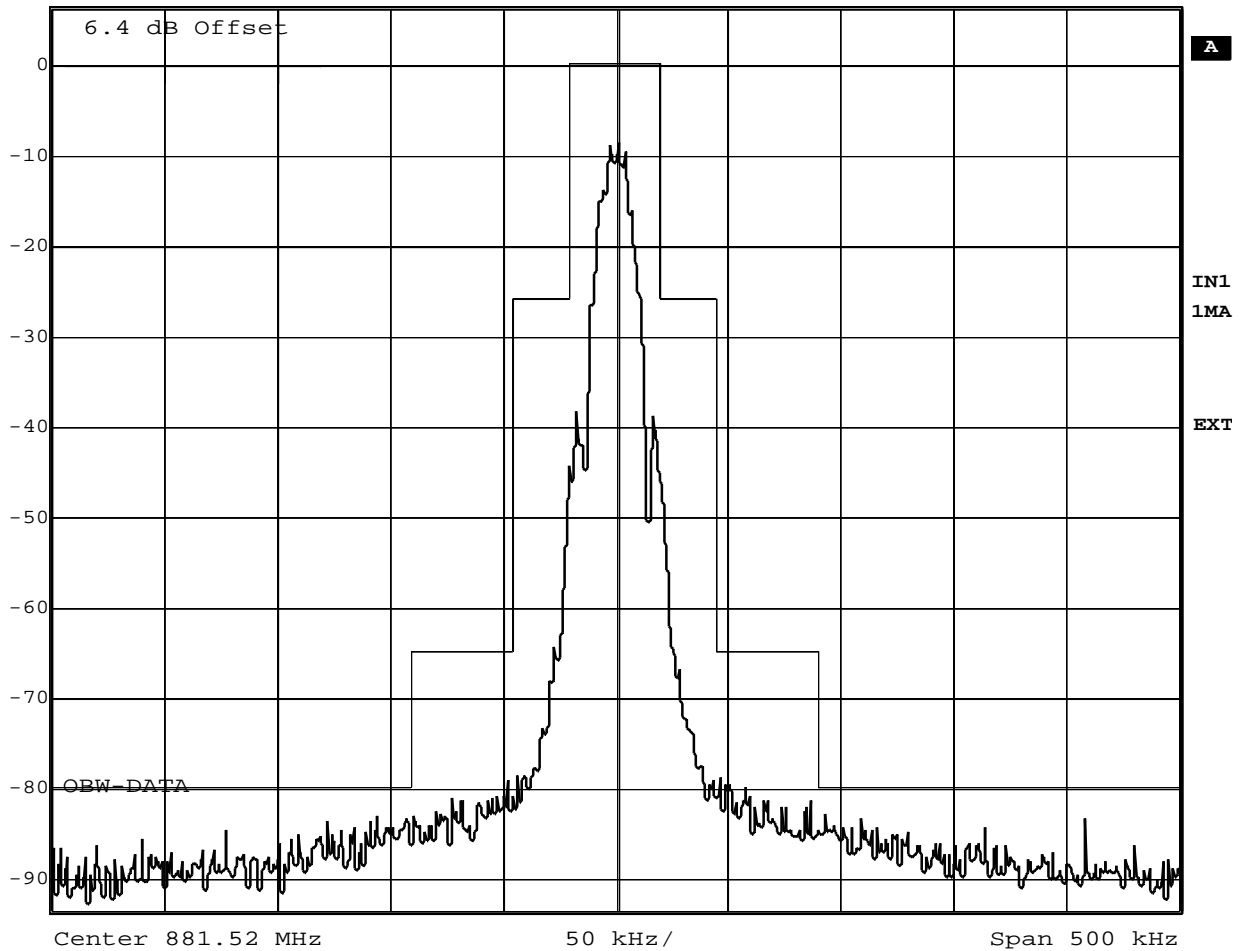
OCCUPIED BANDWIDTH DATA PACKET MODE

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



Ref Lvl
6.4 dBm

RBW 300 Hz RF Att 10 dB
VBW 300 Hz
SWT 28 s Unit dBm



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

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

APPLICANT:
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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:
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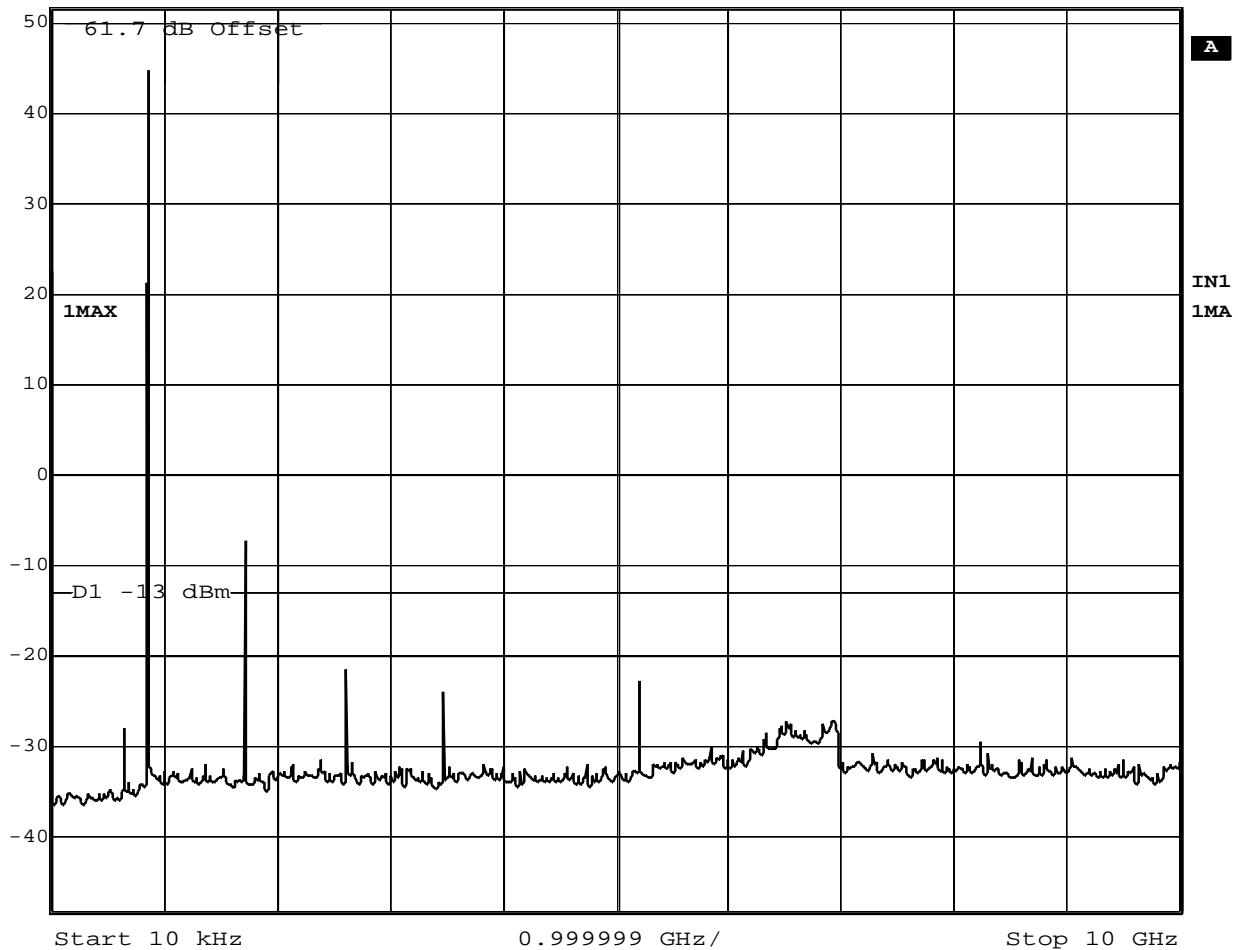
CONDUCTED SPURIOUS EMISSIONS ANALOG MODE

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



Ref Lvl
51.7 dBm

RBW 30 kHz RF Att 0 dB
VBW 30 kHz
SWT 28 s Unit dBm



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.

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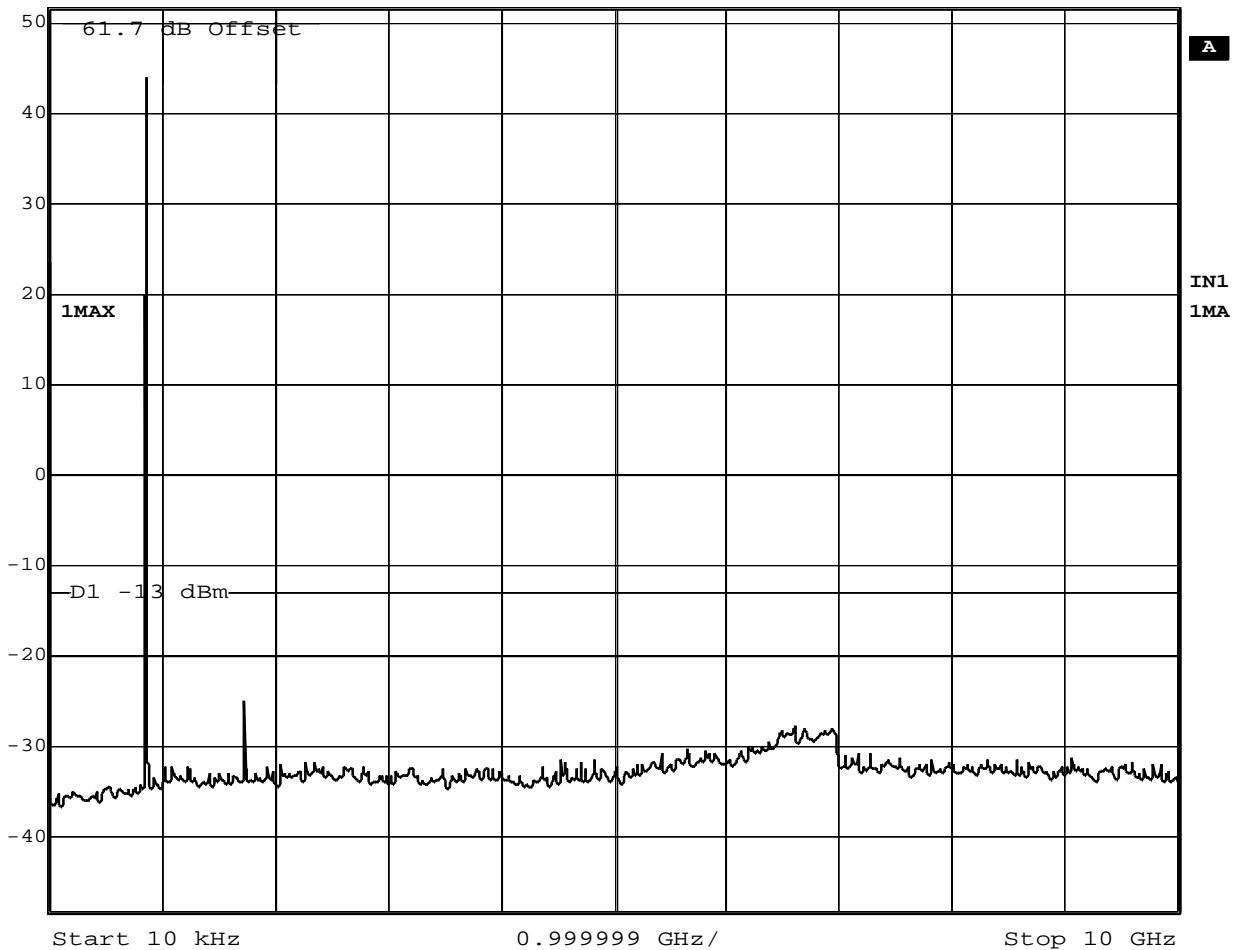
CONDUCTED SPURIOUS EMISSIONS ANALOG MODE

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



Ref Lvl
51.7 dBm

RBW 30 kHz RF Att 0 dB
VBW 30 kHz
SWT 28 s Unit dBm



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.

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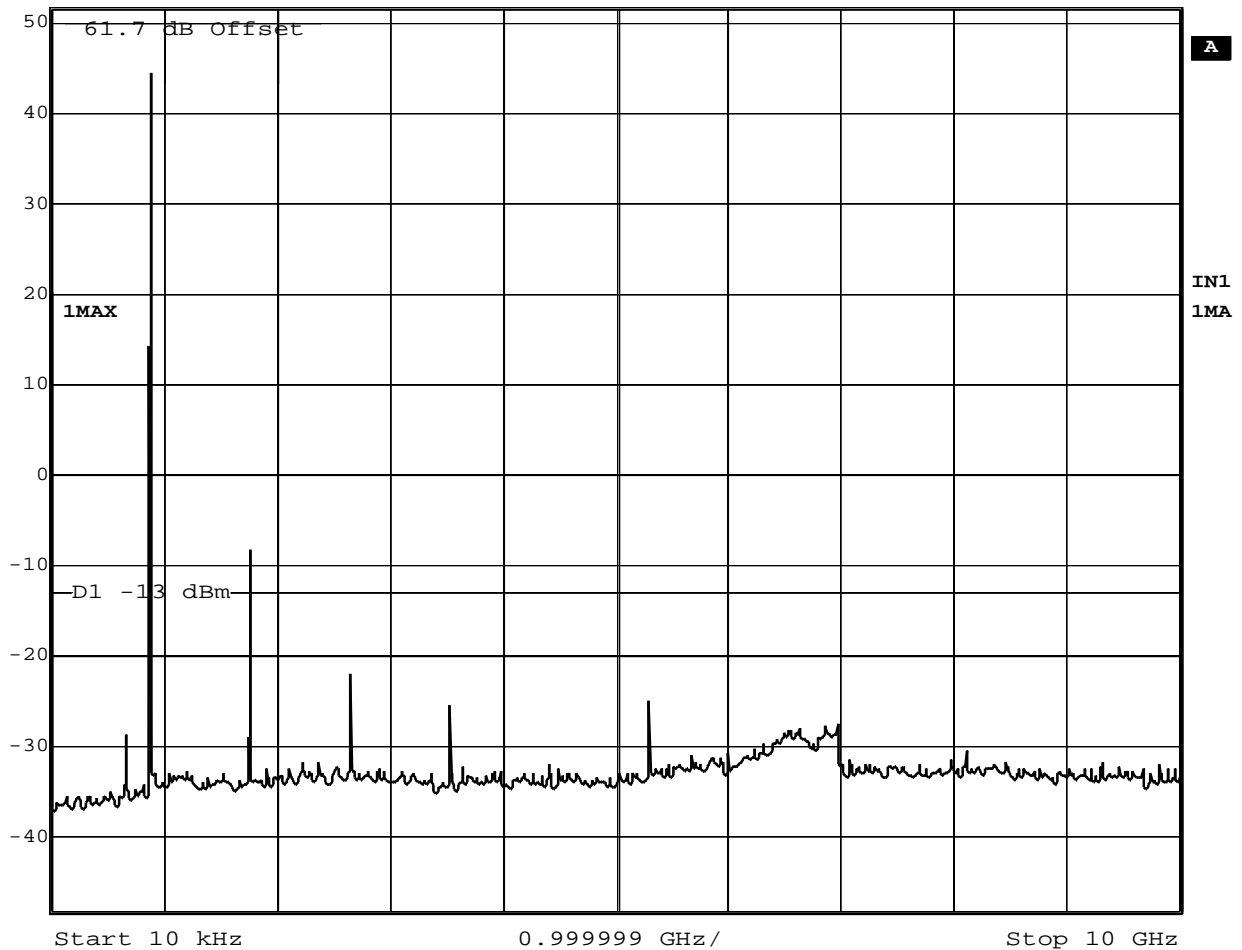
CONDUCTED SPURIOUS EMISSIONS ANALOG MODE

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



Ref Lvl
51.7 dBm

RBW 30 kHz RF Att 0 dB
VBW 30 kHz
SWT 28 s Unit dBm



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.

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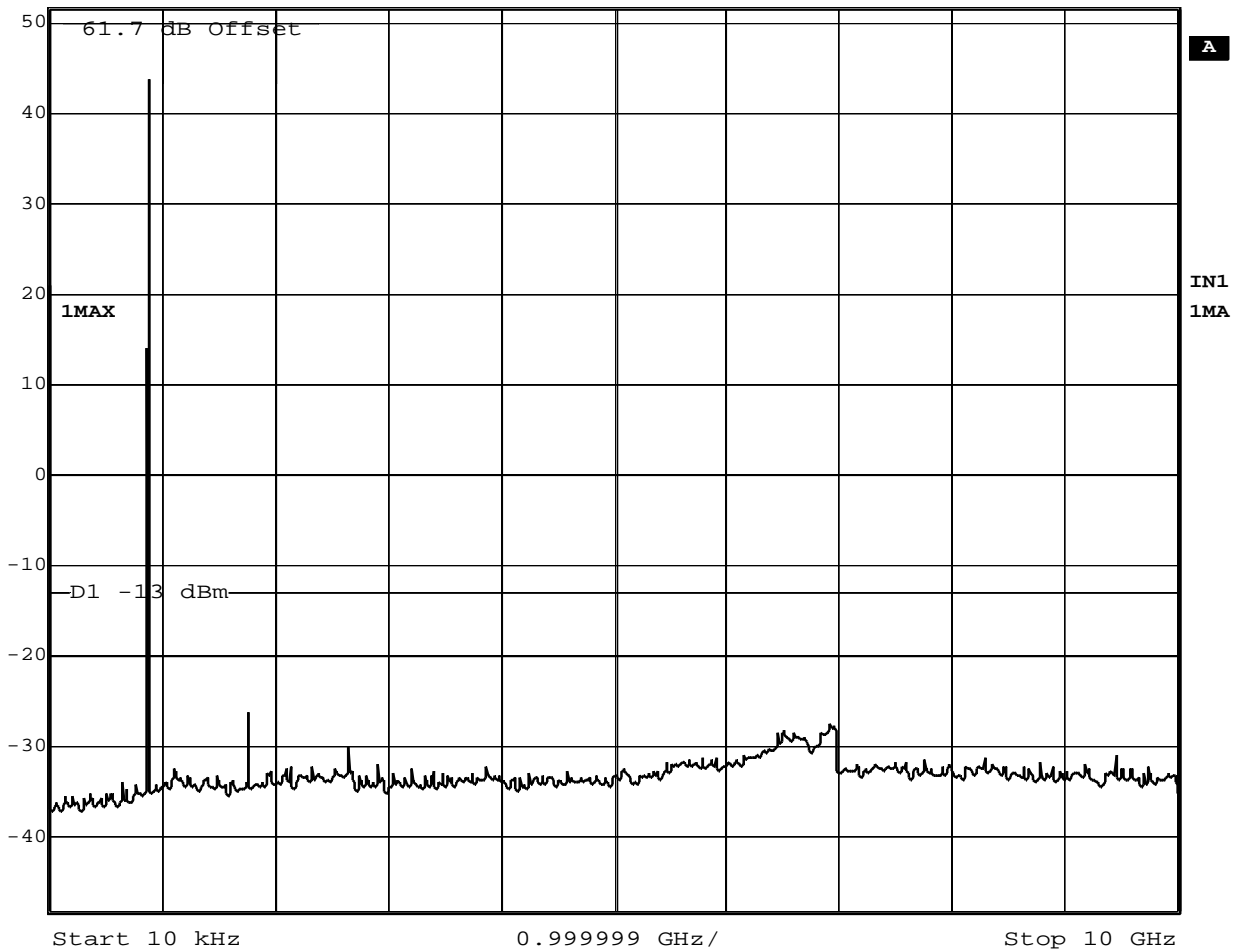
CONDUCTED SPURIOUS EMISSIONS ANALOG MODE

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



Ref Lvl
51.7 dBm

RBW 30 kHz RF Att 0 dB
VBW 30 kHz
SWT 28 s Unit dBm



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.

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FCC ID NO.
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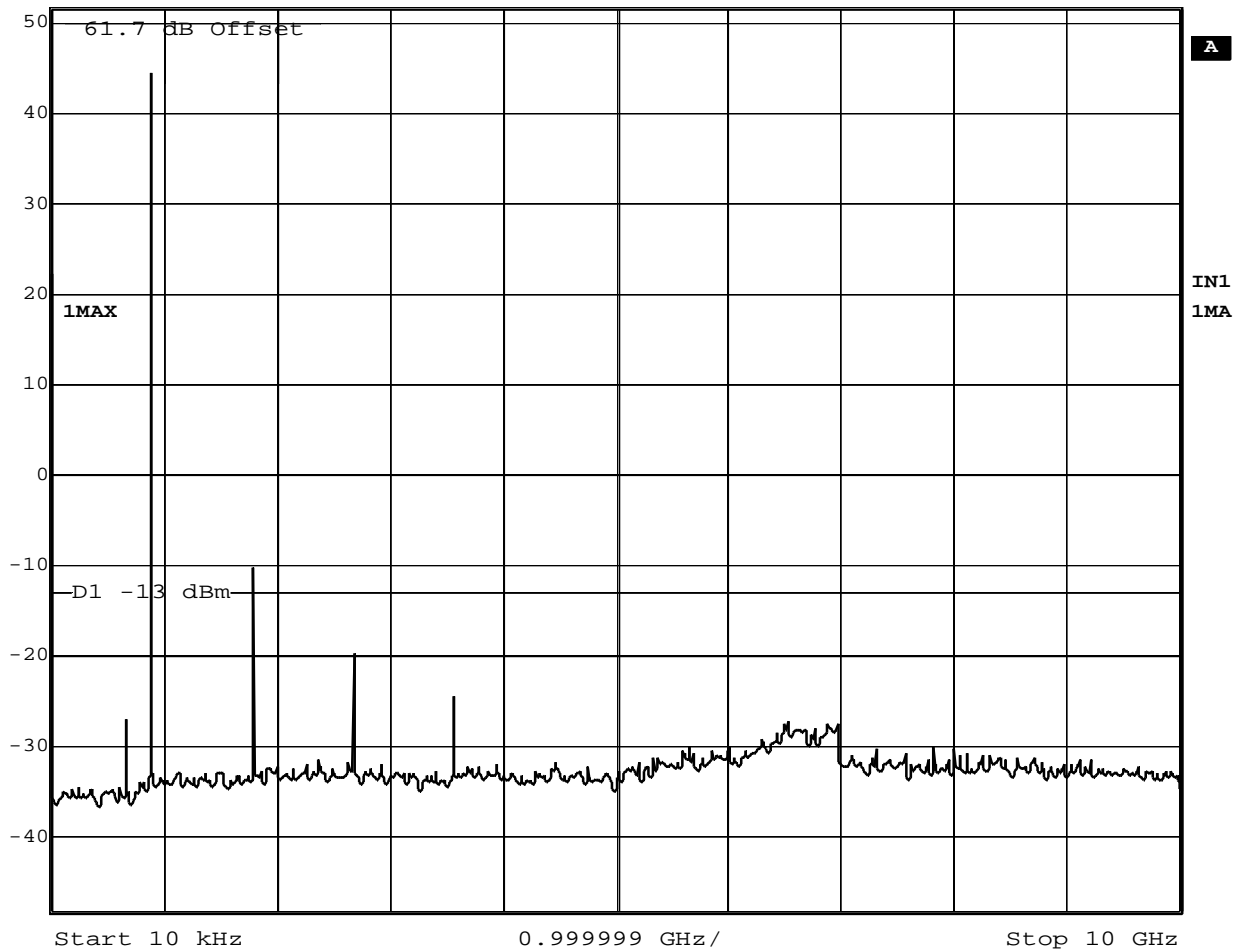
CONDUCTED SPURIOUS EMISSIONS ANALOG MODE

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



Ref Lvl
51.7 dBm

RBW 30 kHz RF Att 0 dB
VBW 30 kHz
SWT 28 s Unit dBm



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.

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FCC ID NO.
B5KKRC12110-31

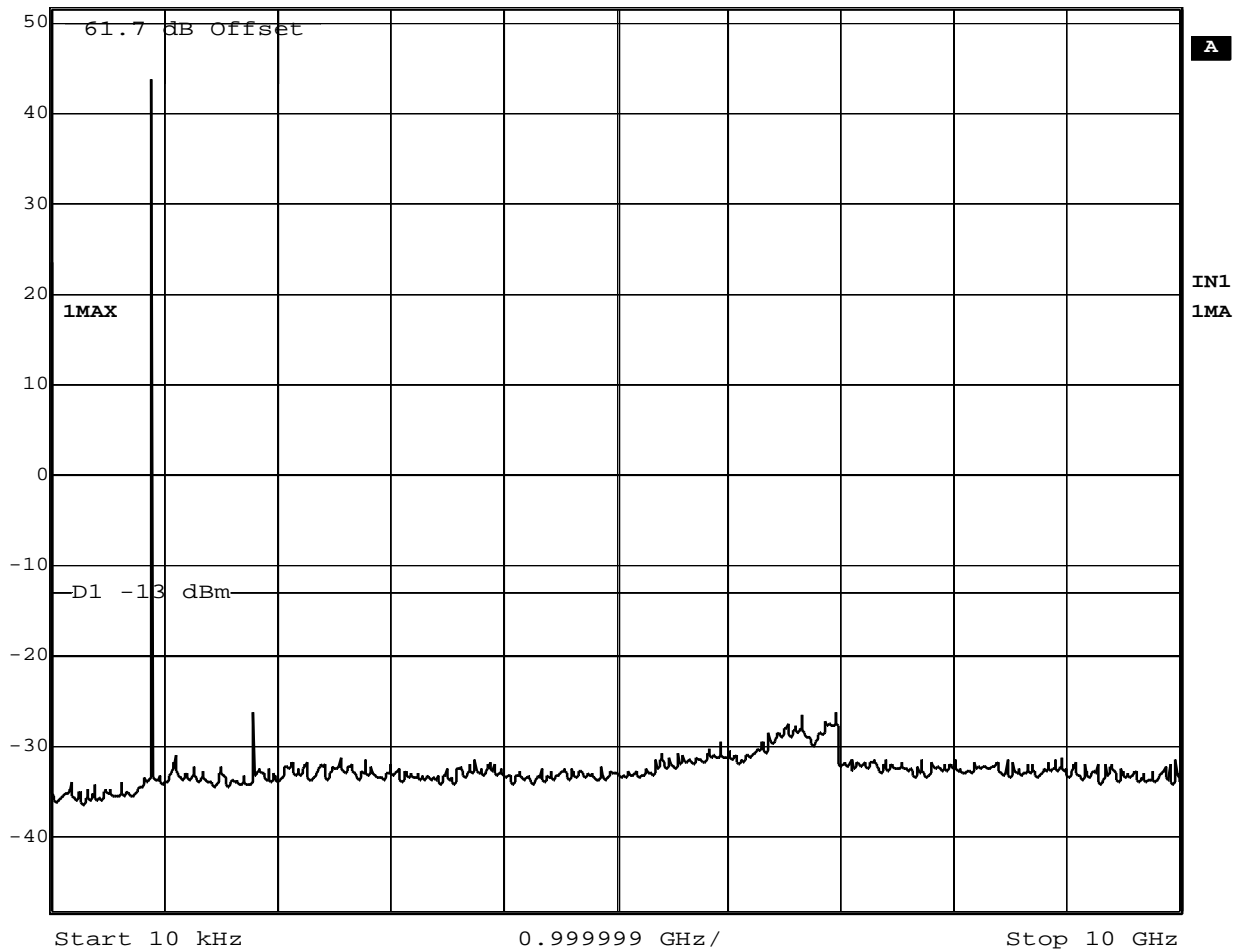
CONDUCTED SPURIOUS EMISSIONS ANALOG MODE

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



Ref Lvl
51.7 dBm

RBW 30 kHz RF Att 0 dB
VBW 30 kHz
SWT 28 s Unit dBm



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

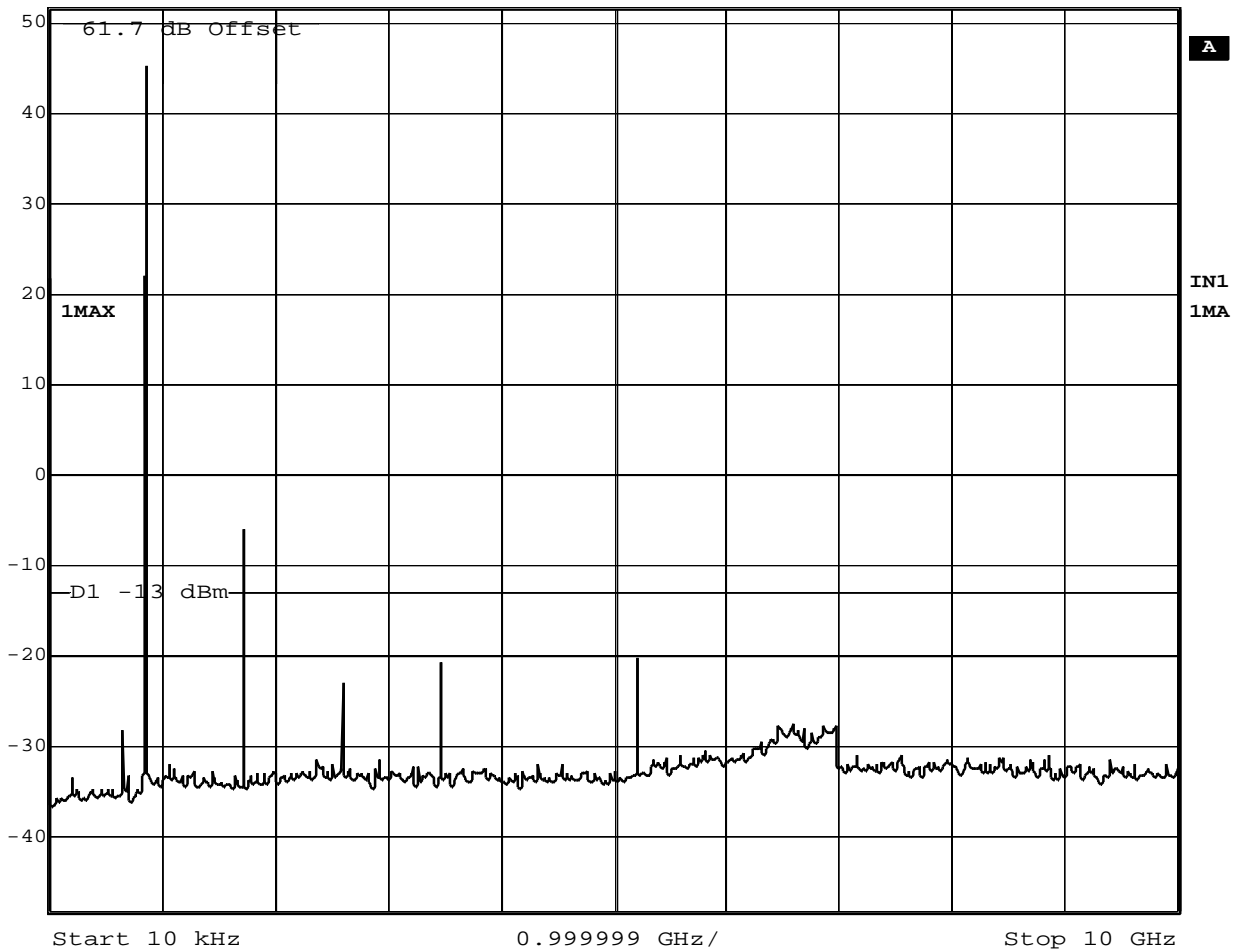
CONDUCTED SPURIOUS EMISSIONS DIGITAL MODE

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



Ref Lvl
51.7 dBm

RBW 30 kHz RF Att 0 dB
VBW 30 kHz
SWT 28 s Unit dBm



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

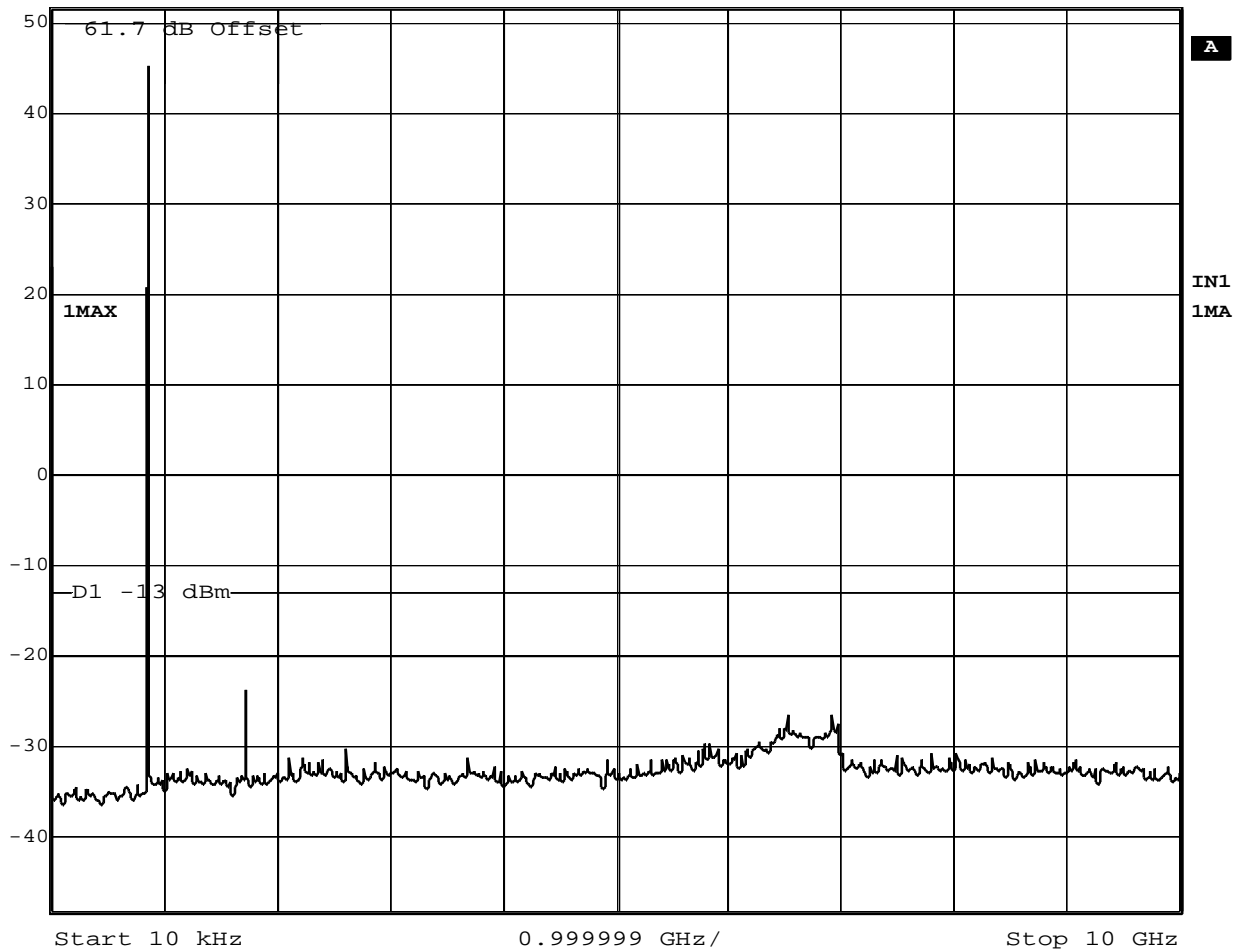
CONDUCTED SPURIOUS EMISSIONS DIGITAL MODE

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



Ref Lvl
51.7 dBm

RBW 30 kHz RF Att 0 dB
VBW 30 kHz
SWT 28 s Unit dBm



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

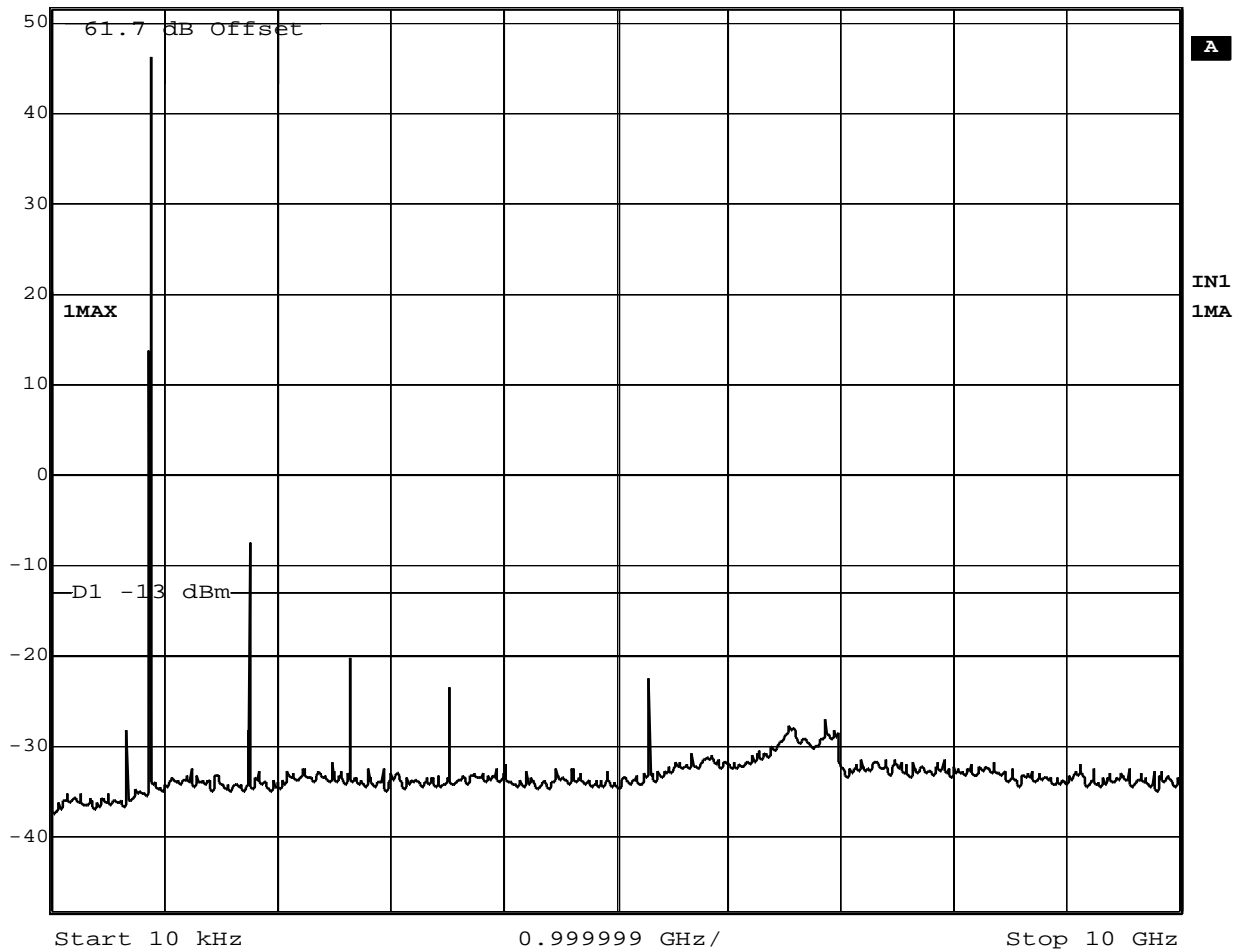
CONDUCTED SPURIOUS EMISSIONS DIGITAL MODE

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



Ref Lvl
51.7 dBm

RBW 30 kHz RF Att 0 dB
VBW 30 kHz
SWT 28 s Unit dBm



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

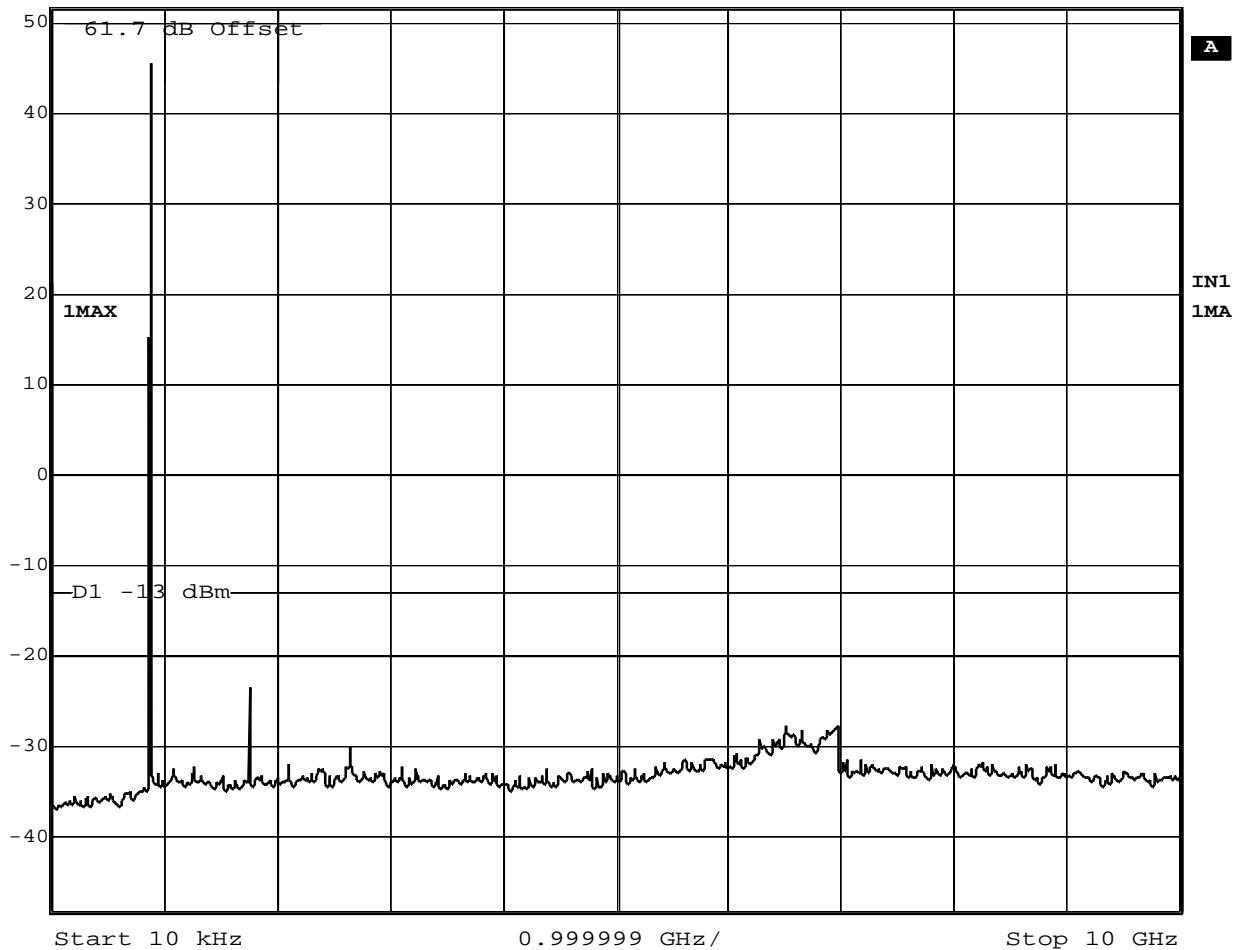
CONDUCTED SPURIOUS EMISSIONS DIGITAL MODE

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



Ref Lvl
51.7 dBm

RBW 30 kHz RF Att 0 dB
VBW 30 kHz
SWT 28 s Unit dBm



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

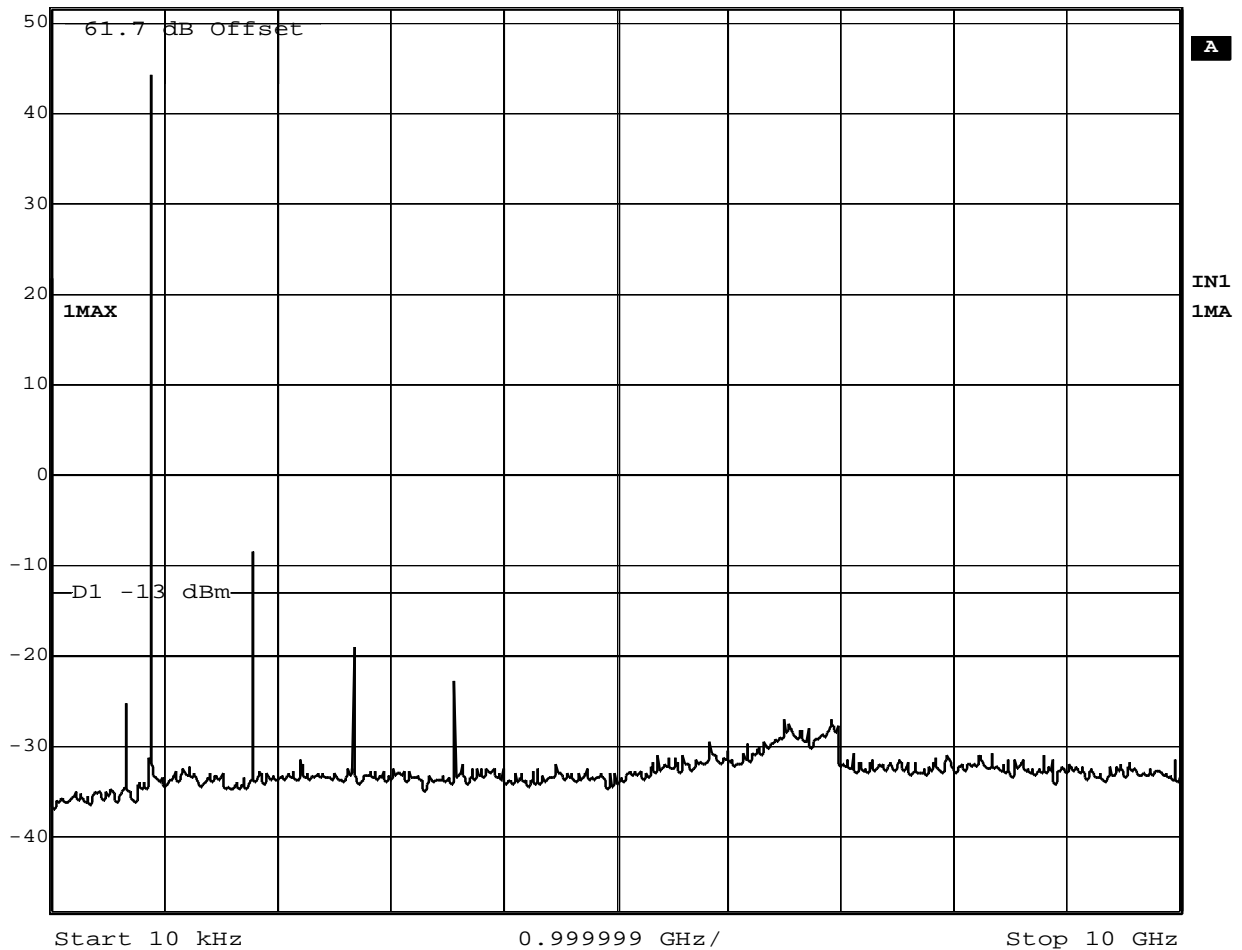
CONDUCTED SPURIOUS EMISSIONS DIGITAL MODE

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



Ref Lvl
51.7 dBm

RBW 30 kHz RF Att 0 dB
VBW 30 kHz
SWT 28 s Unit dBm



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

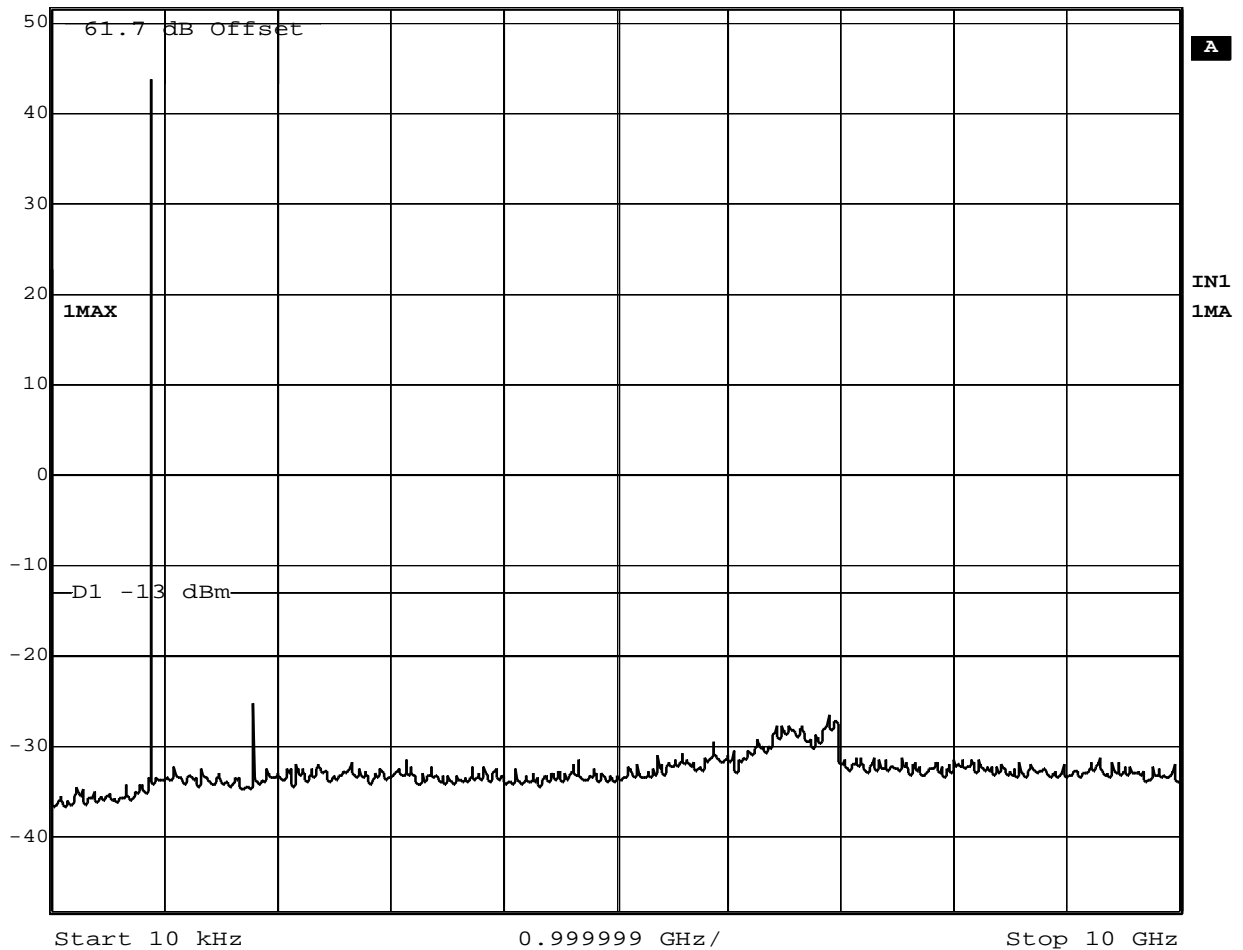
CONDUCTED SPURIOUS EMISSIONS DIGITAL MODE

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



Ref Lvl
51.7 dBm

RBW 30 kHz RF Att 0 dB
VBW 30 kHz
SWT 28 s Unit dBm



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

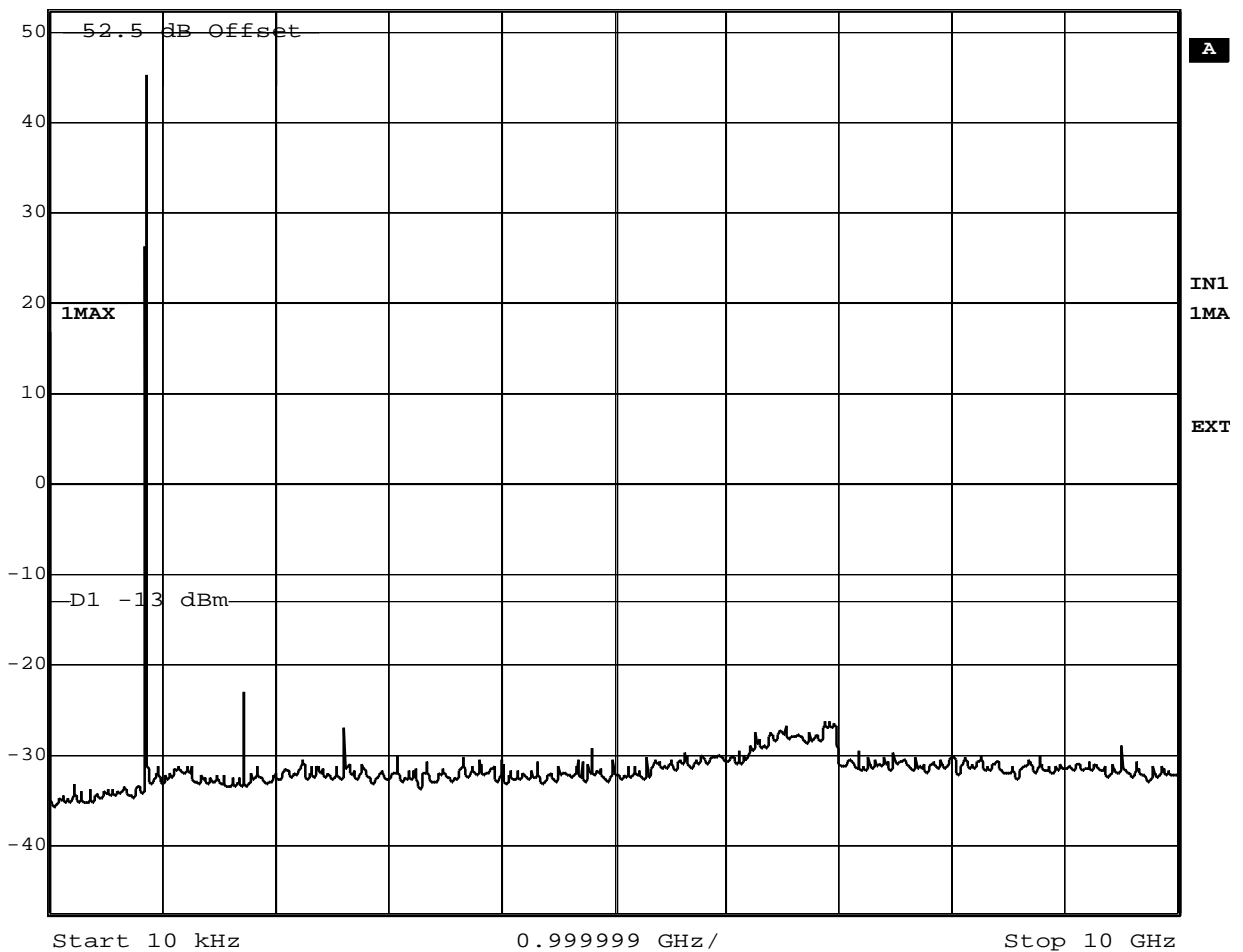
CONDUCTED SPURIOUS EMISSIONS DATA PACKET MODE

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



Ref Lvl
52.5 dBm

RBW 30 kHz RF Att 10 dB
VBW 30 kHz
SWT 28 s Unit dBm



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

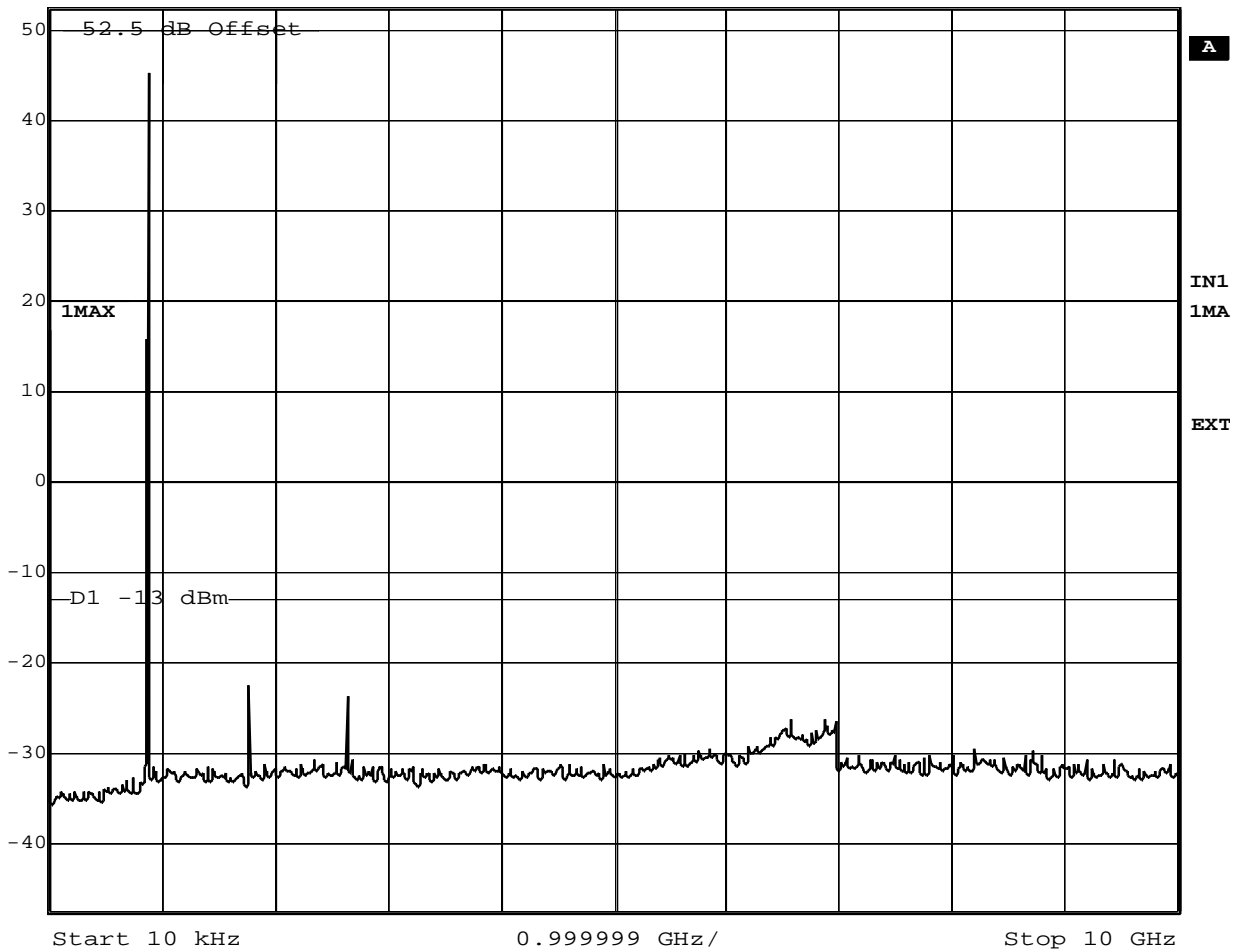
CONDUCTED SPURIOUS EMISSIONS DATA PACKET MODE

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



Ref Lvl
52.5 dBm

RBW 30 kHz RF Att 10 dB
VBW 30 kHz
SWT 28 s Unit dBm



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

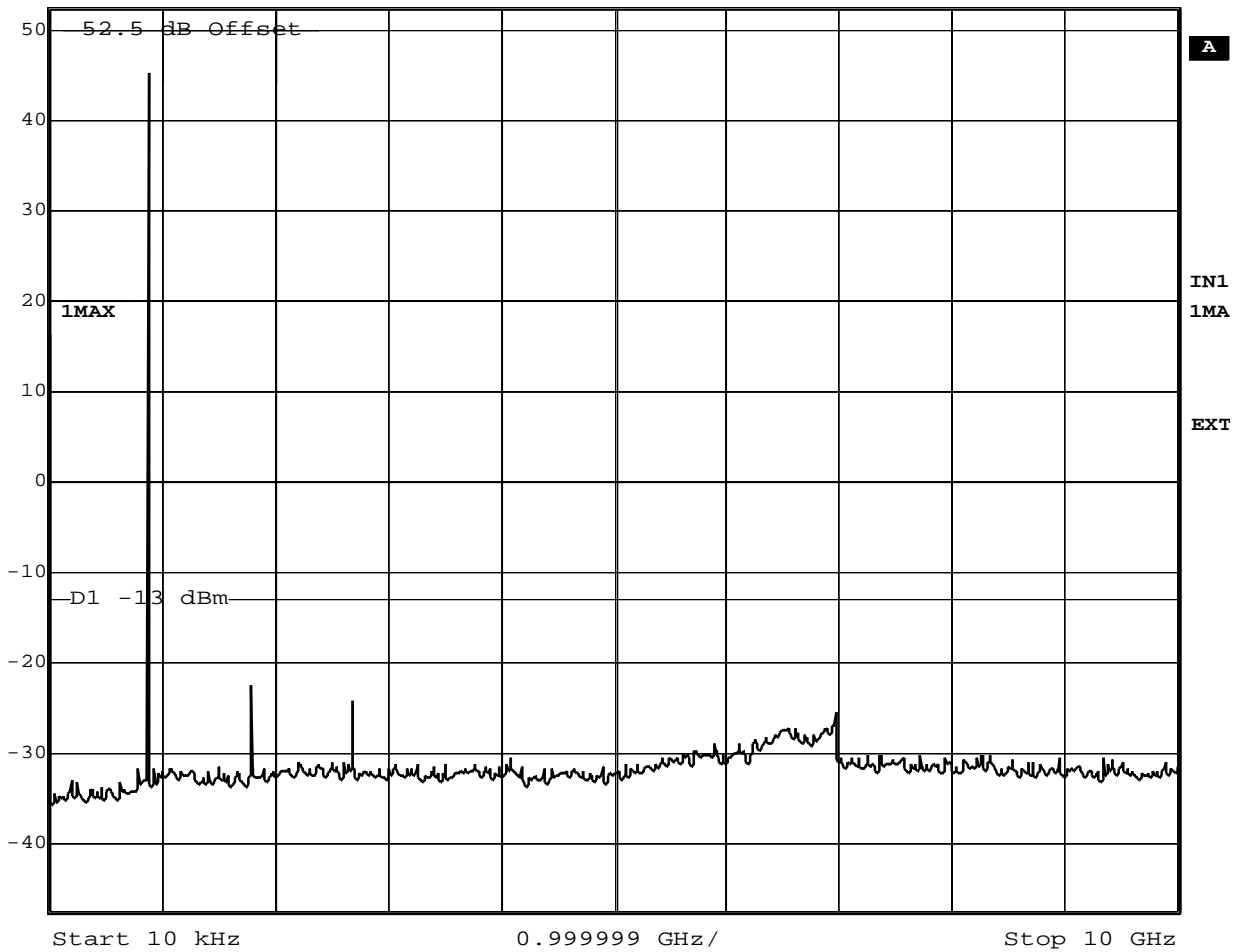
CONDUCTED SPURIOUS EMISSIONS DATA PACKET MODE

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



Ref Lvl
52.5 dBm

RBW 30 kHz RF Att 10 dB
VBW 30 kHz
SWT 28 s Unit dBm



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

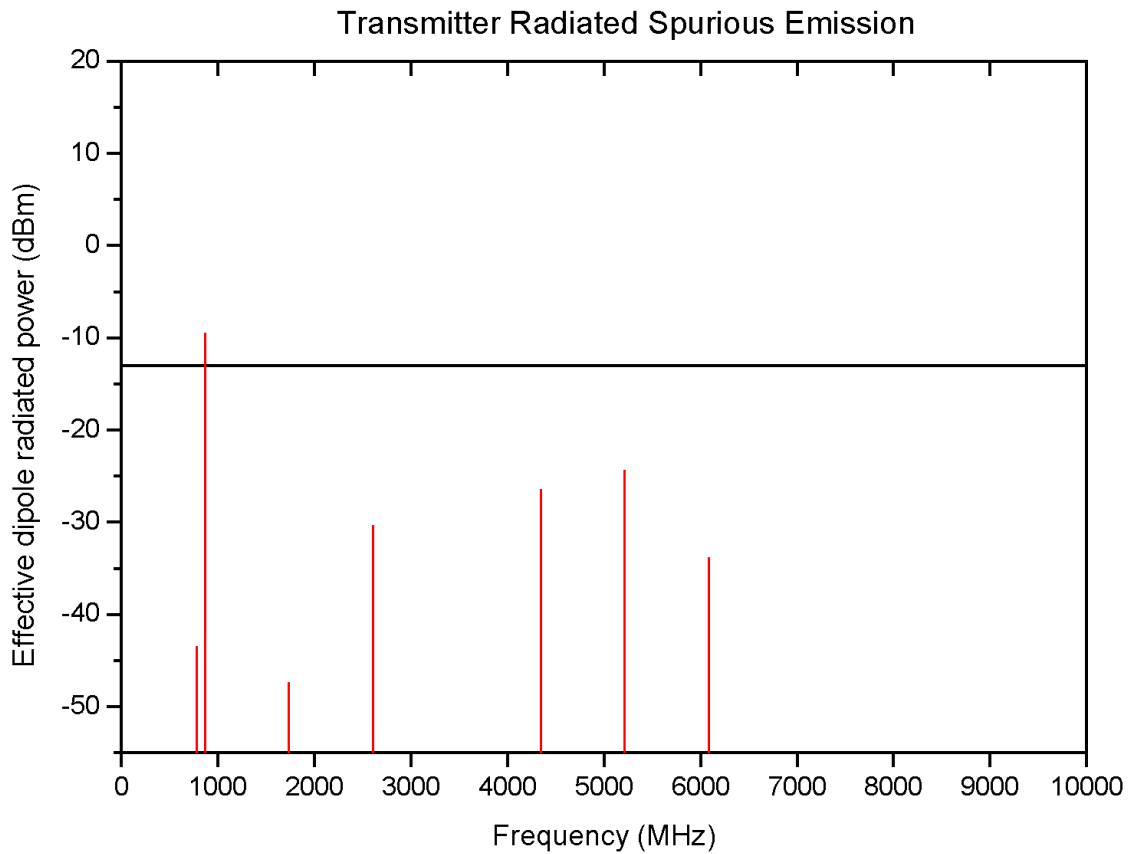
Ref. 2.1053 field strength of spurious
emissions was measured on our 3 meter range.
The measurement procedure is per EIA/IS-138.

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



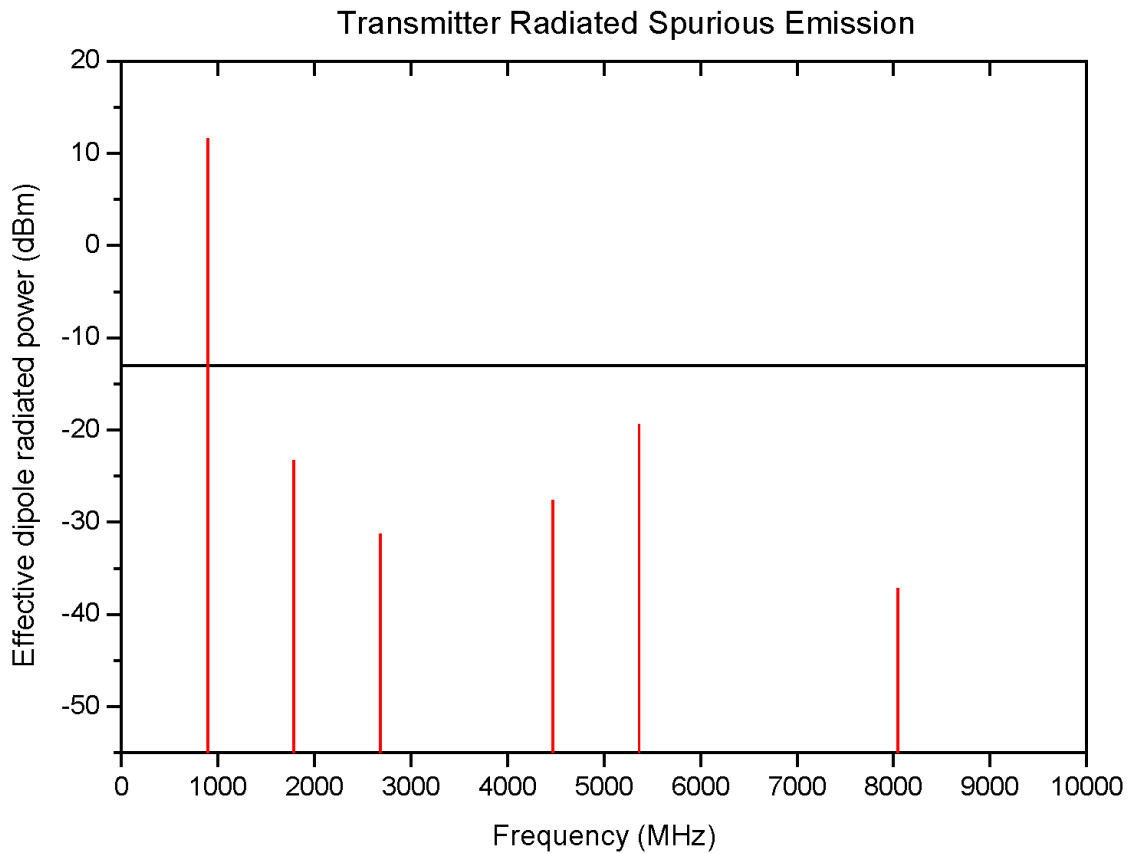
Rated Power Output = 30.0 Watt
Channel 991 / Carrier frequency = 869.04 MHz

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



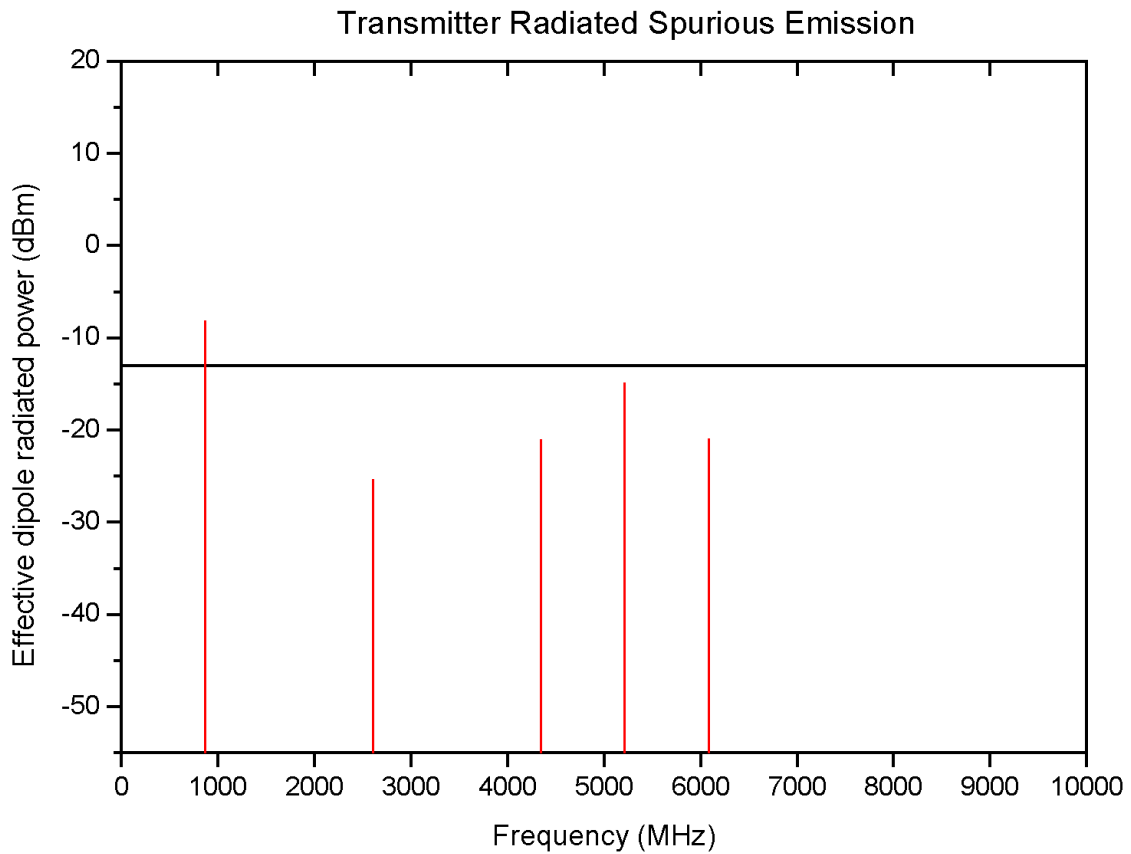
Rated Power Output = 30.0 Watt
Channel 799 / Carrier frequency = 893.97 MHz

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



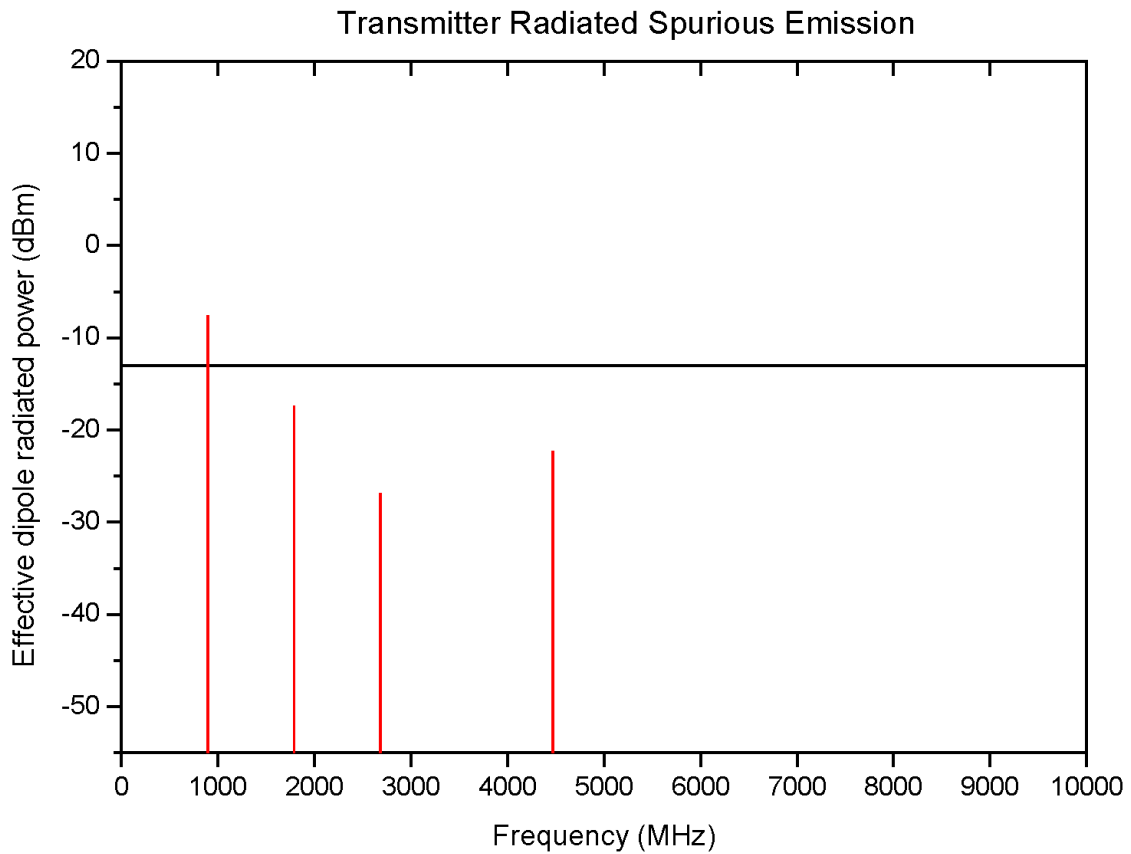
Rated Power Output = 30.0 Watt
Channel 991 / Carrier frequency = 869.04 MHz
Modulated with 48.6 kbs PSEUDORANDOM DATA

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



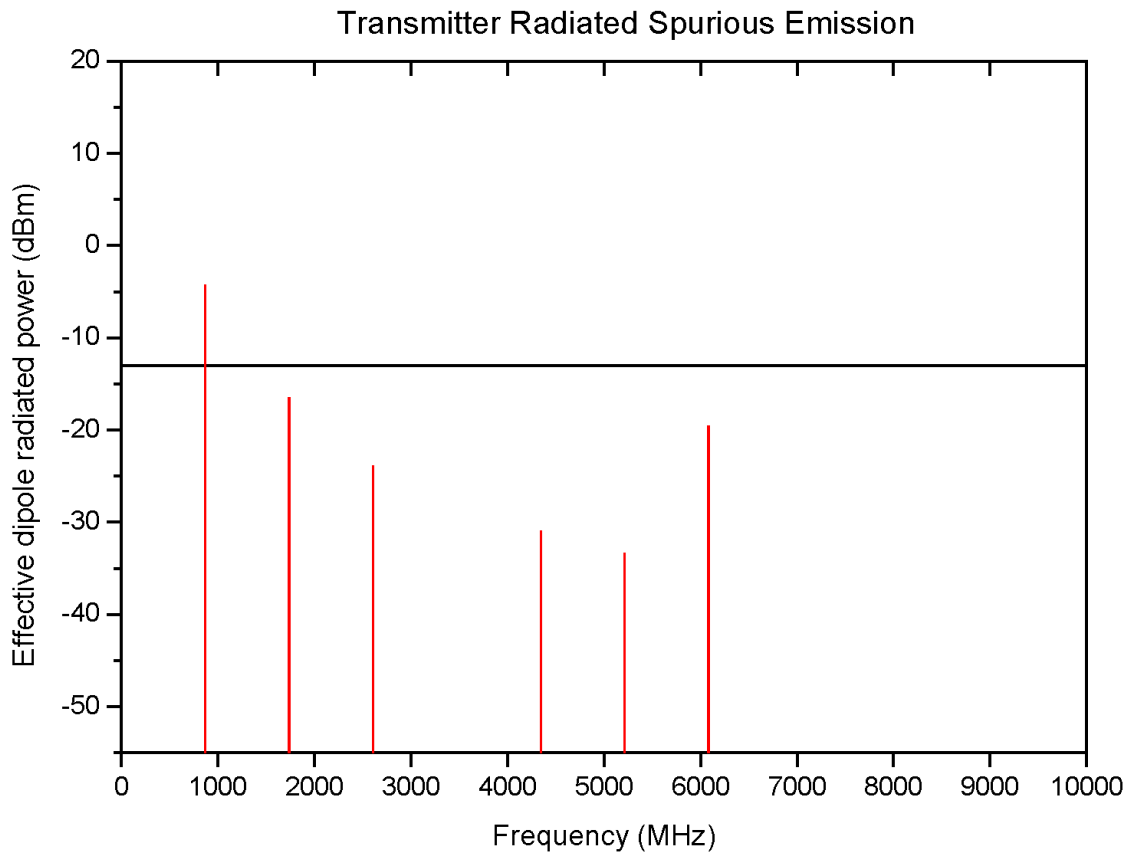
Rated Power Output = 30.0 Watt
Channel 799 / Carrier frequency = 893.97 MHz
Modulated with 48.6 kbs PSEUDORANDOM DATA

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



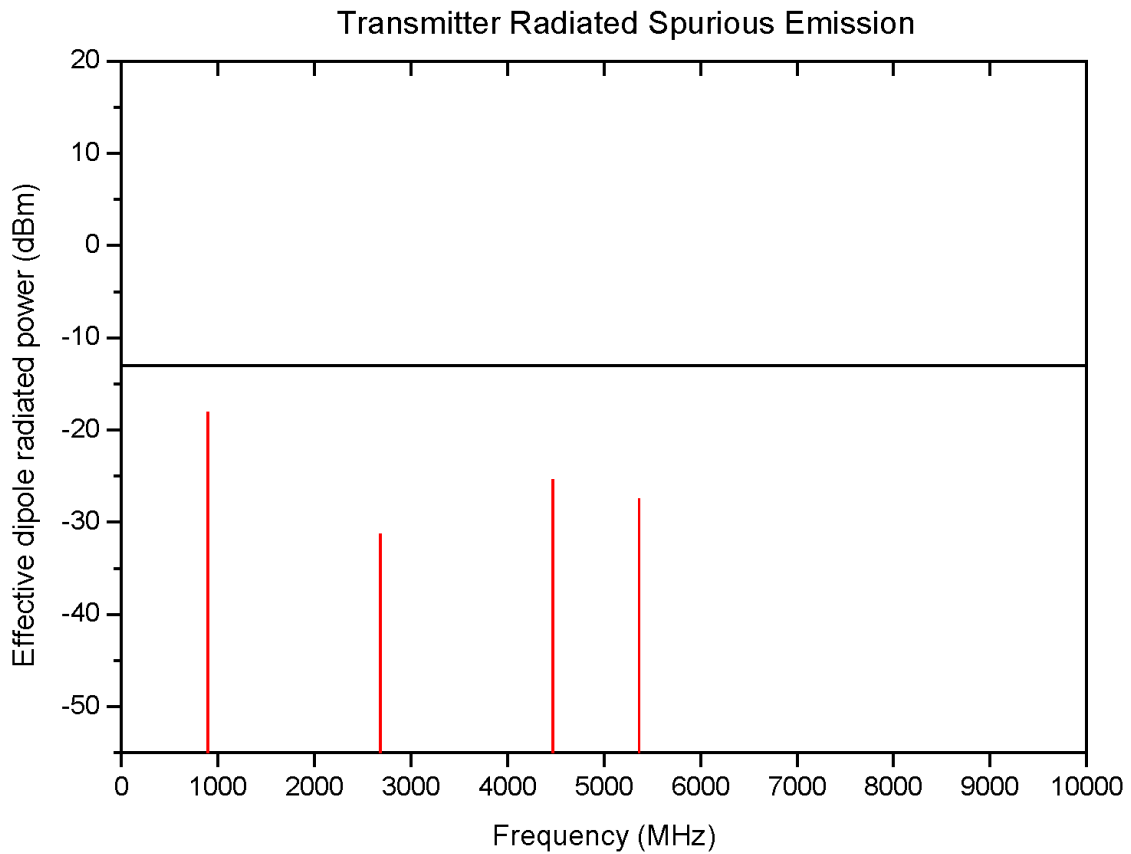
Rated Power Output = 30.0 Watt
Channel 991 / Carrier frequency = 869.04 MHz

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



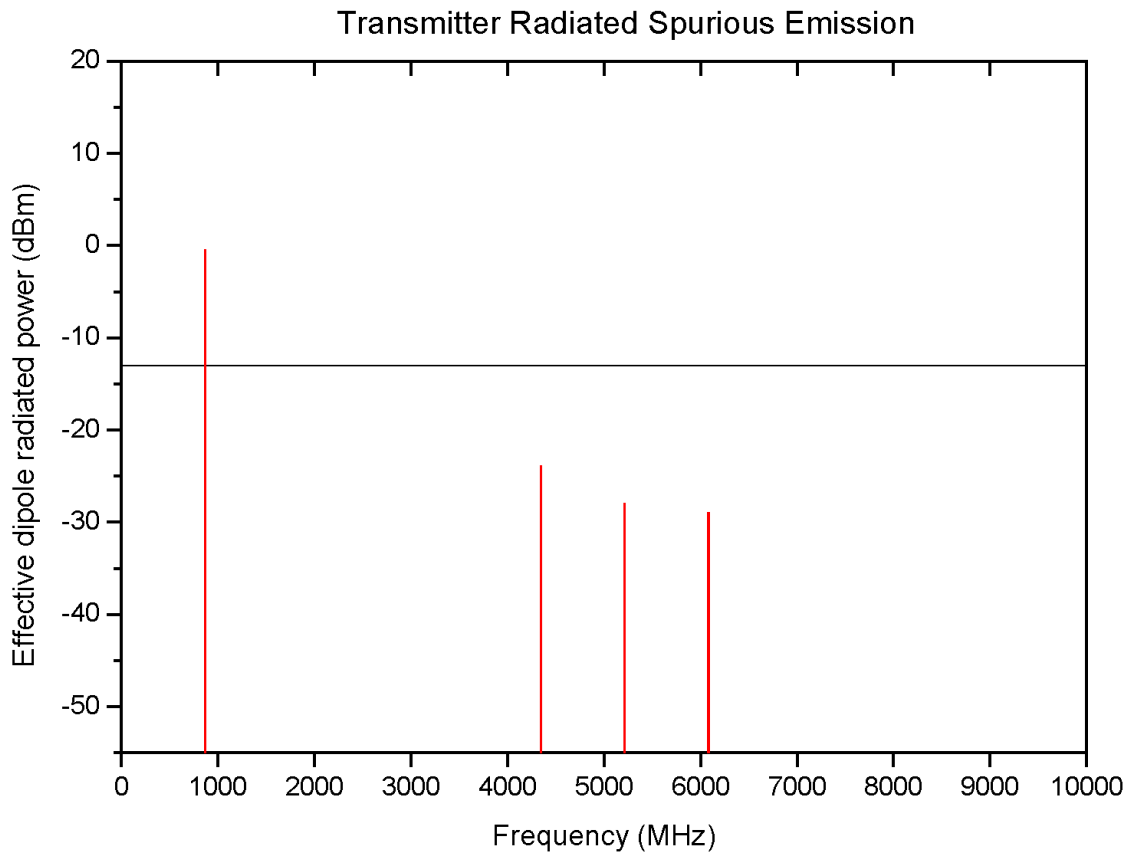
Rated Power Output = 30.0 Watt
Channel 799 / Carrier frequency = 893.97 MHz

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



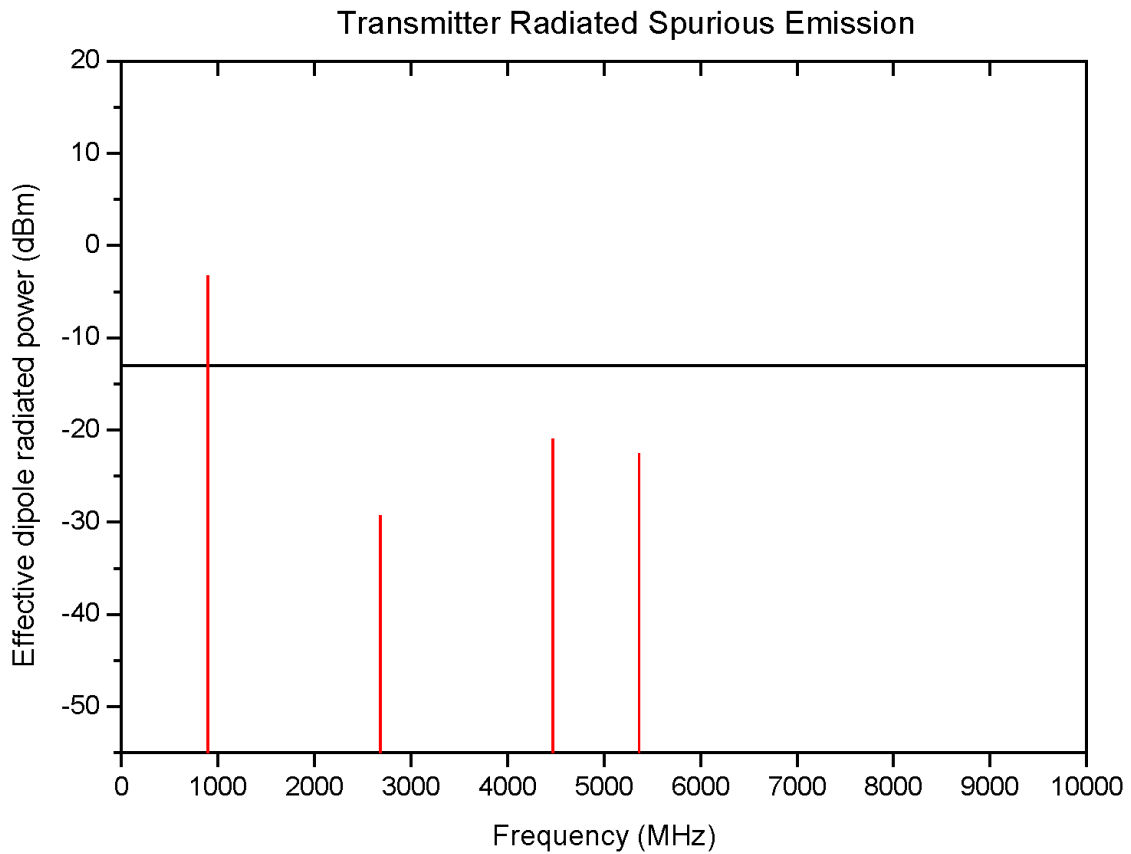
Rated Power Output = 30.0 Watt
Channel 991 / Carrier frequency = 869.04 MHz
Modulated with 48.6 kbs PSEUDORANDOM DATA

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



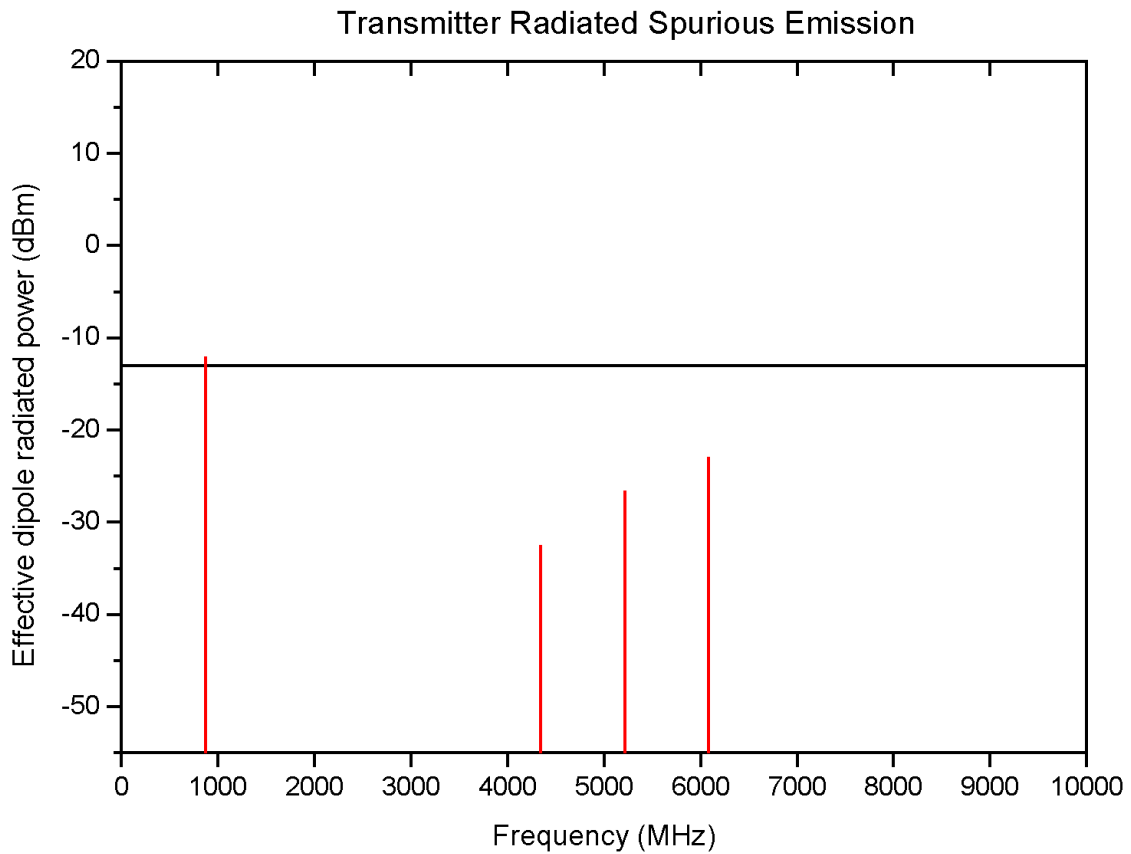
Rated Power Output = 30.0 Watt
Channel 799 / Carrier frequency = 893.97 MHz
Modulated with 48.6 kbs PSEUDORANDOM DATA

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



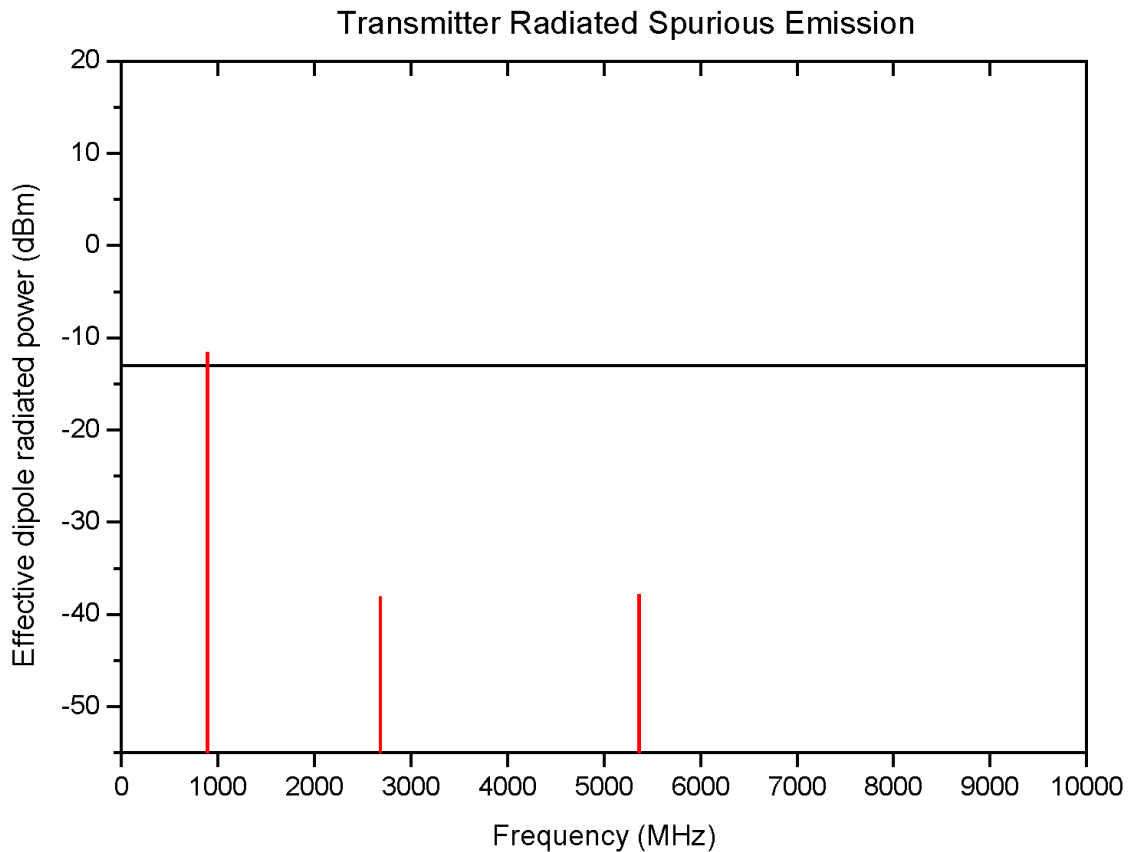
Rated Power Output = 30.0 Watt
Channel 991 / Carrier frequency = 869.04 MHz
Modulated with 19.2 kbs PSEUDORANDOM DATA

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.

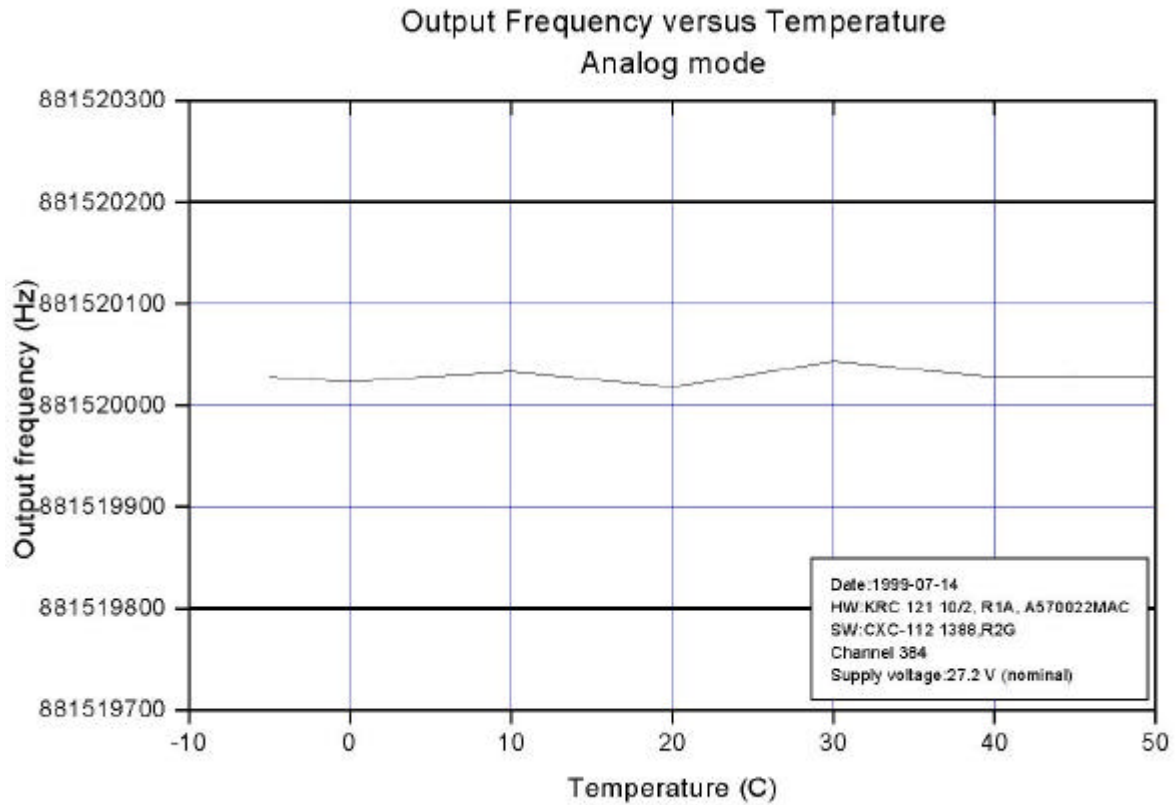
The SATT (Stand Alone Test Tool) was hooked
up to a 10 MHz reference standard from a
HP89441 Vector Signal Analyzer during the
measurements.

APPLICANT:
Ericsson Radio System AB

FCC ID NO.
B5KKRC12110-31

FREQUENCY STABILITY MACRO WITH CRI

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



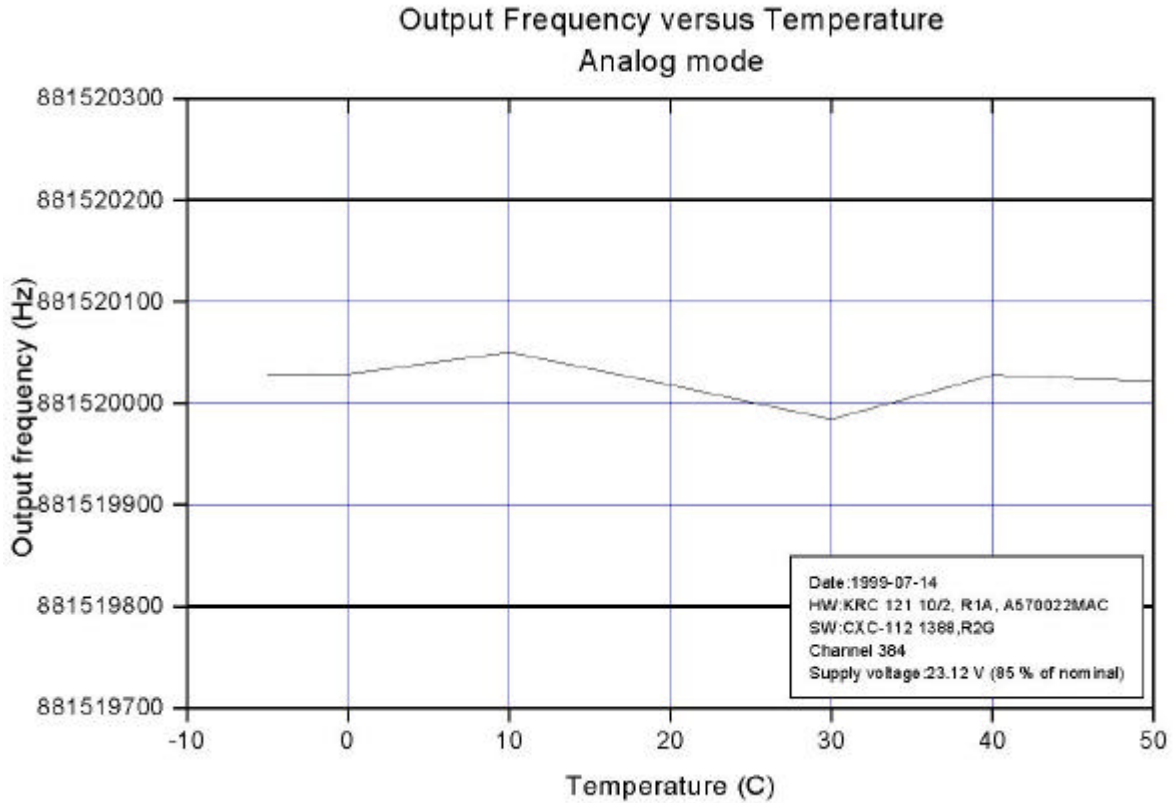
Channel 384 Output Power 44.8 dBm
Supply Voltage: 27.2 V (nominal)

APPLICANT:
Ericsson Radio System AB

FCC ID NO.
B5KKRC12110-31

FREQUENCY STABILITY MACRO WITH CRI

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



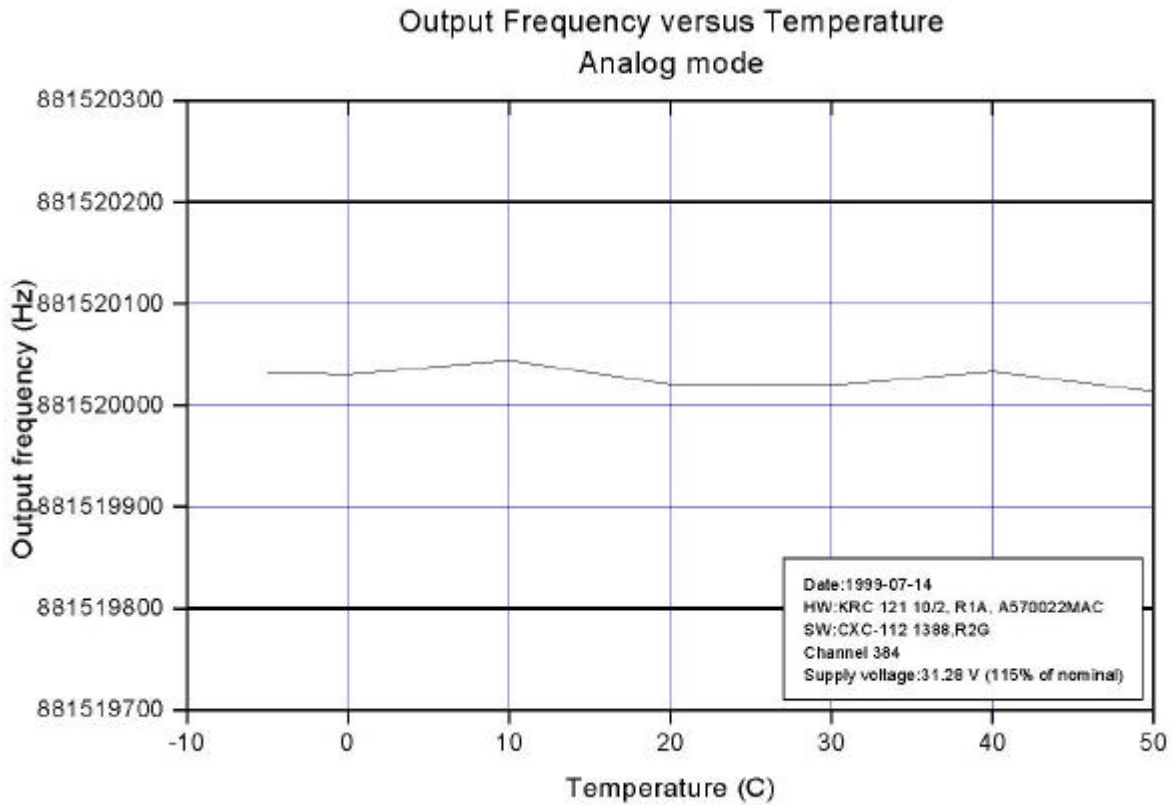
Channel 384 Output Power 44.8 dBm
Supply Voltage: 23.12 V (85% of nominal)

APPLICANT:
Ericsson Radio System AB

FCC ID NO.
B5KKRC12110-31

FREQUENCY STABILITY MACRO WITH CRI

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



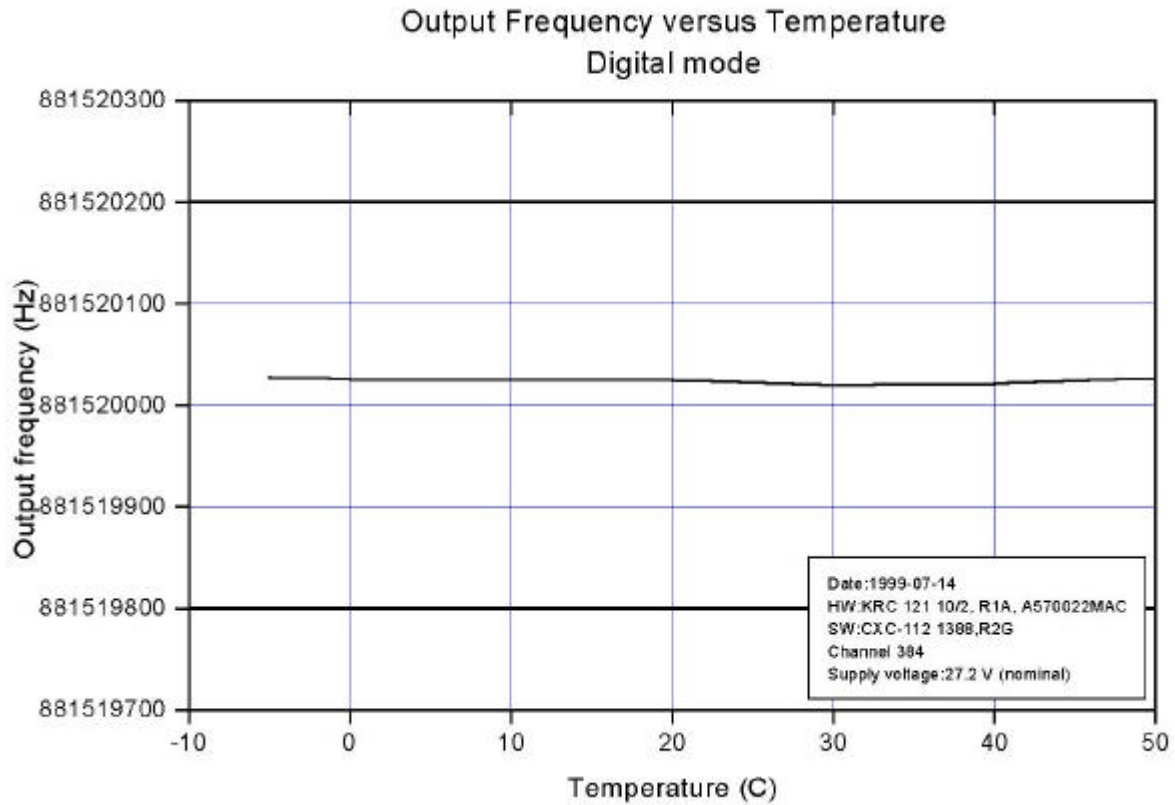
Channel 384 Output Power 44.8 dBm
Supply Voltage:31.28 V (115% of nominal)

APPLICANT:
Ericsson Radio System AB

FCC ID NO.
B5KKRC12110-31

FREQUENCY STABILITY CASSETTE WITH CRI

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



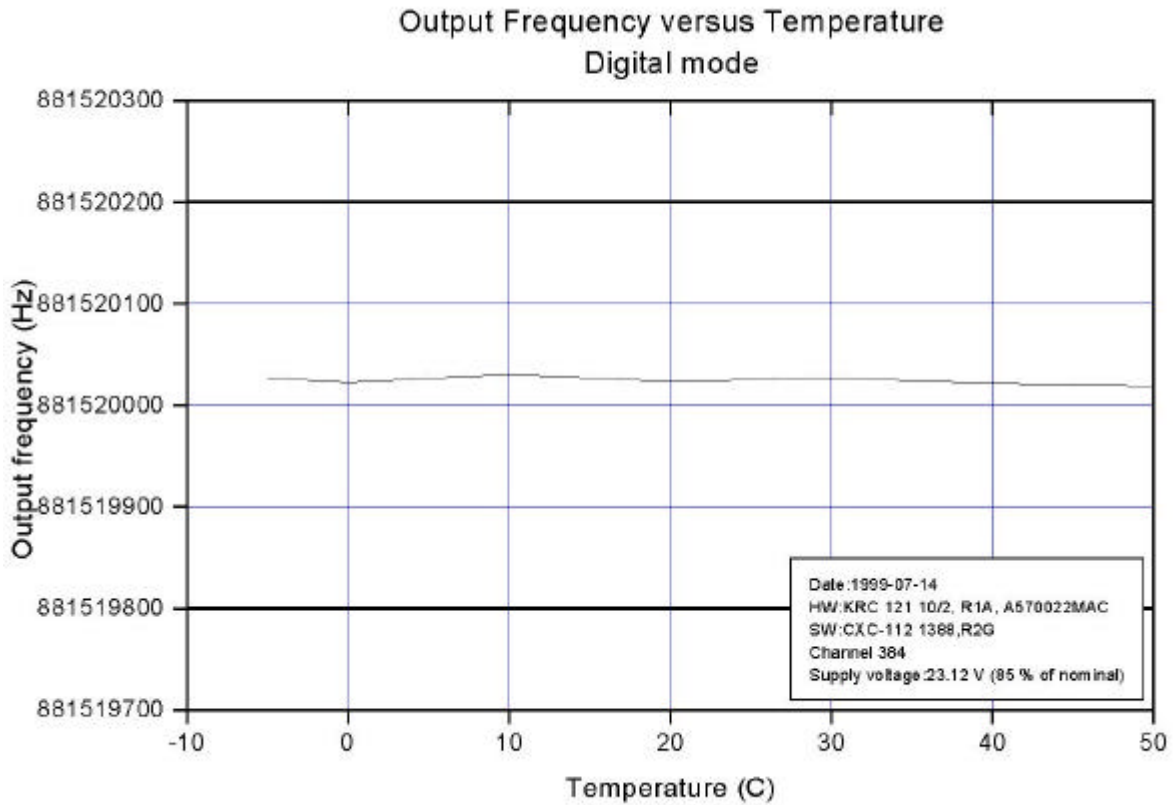
Channel 384 Output Power 44.8 dBm
Supply Voltage:27.2 V (nominal)

APPLICANT:
Ericsson Radio System AB

FCC ID NO.
B5KKRC12110-31

FREQUENCY STABILITY CASSETTE WITH CRI

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



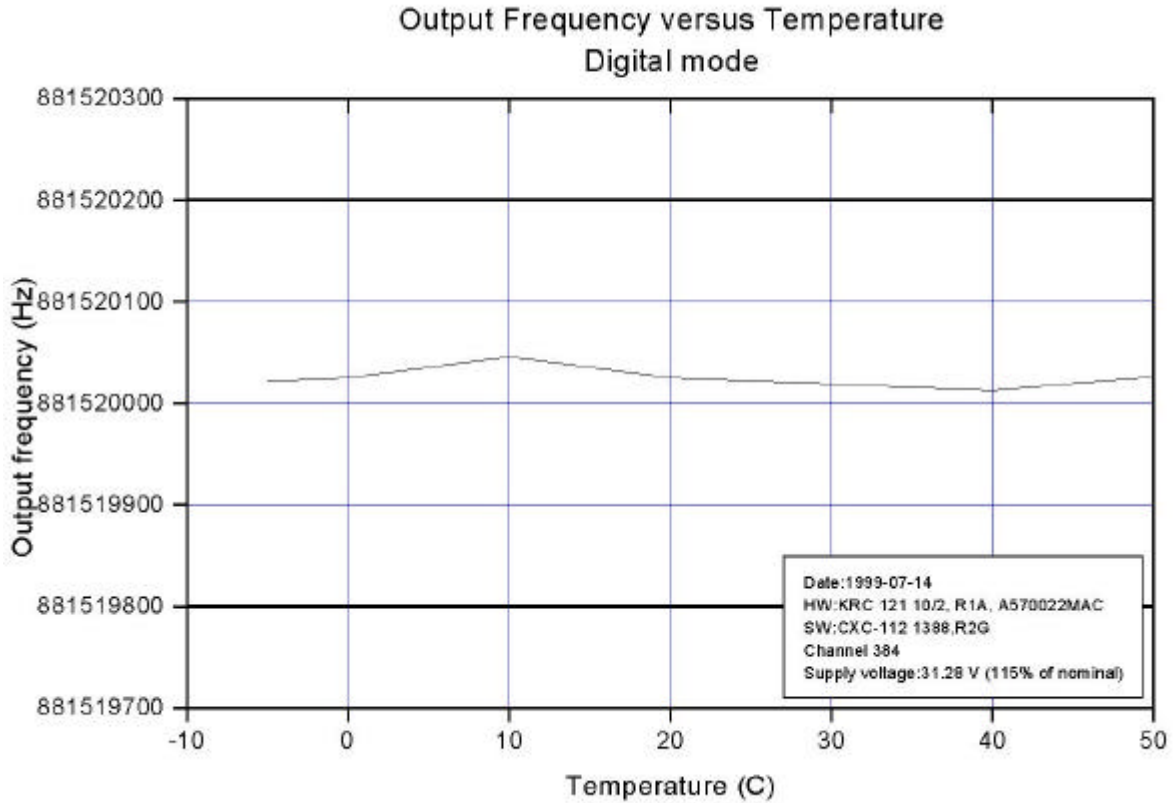
Channel 384 Output Power 44.8 dBm
Supply Voltage: 23.12 V (85% of nominal)

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

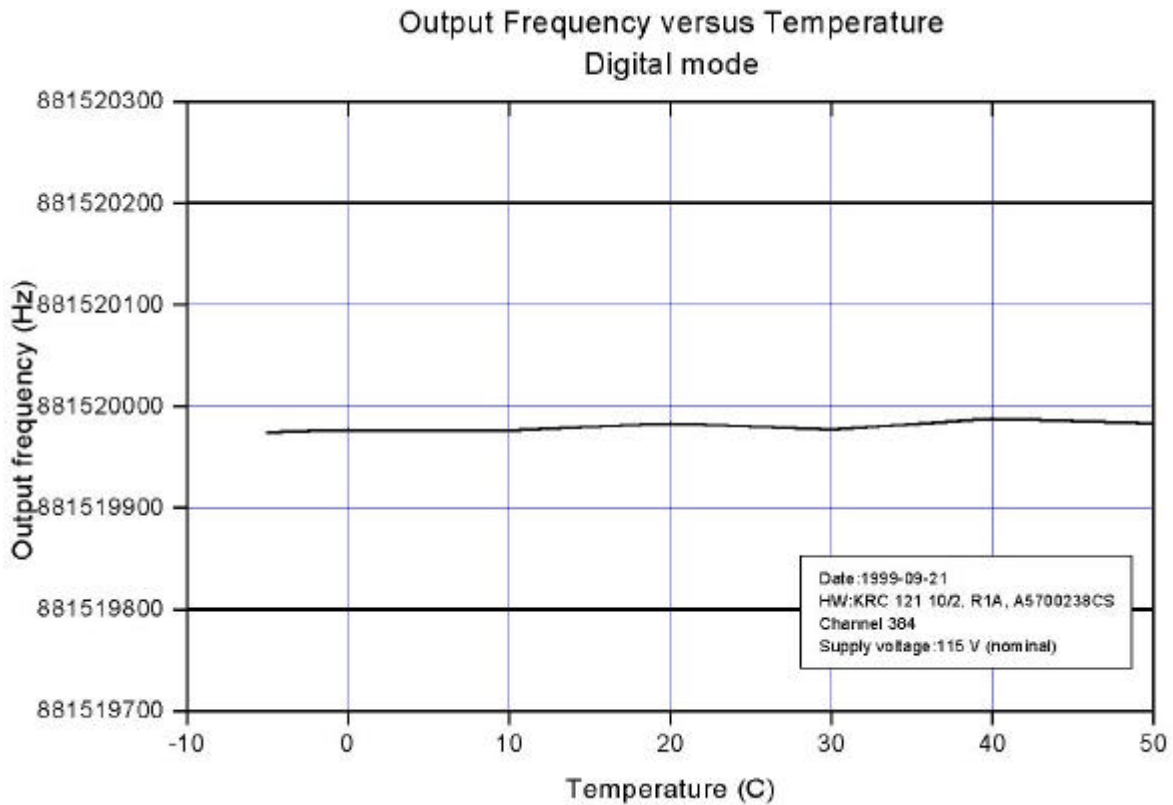
MB Teknik Walk-in temperature chamber with
Internal calibrated temperature control.

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)

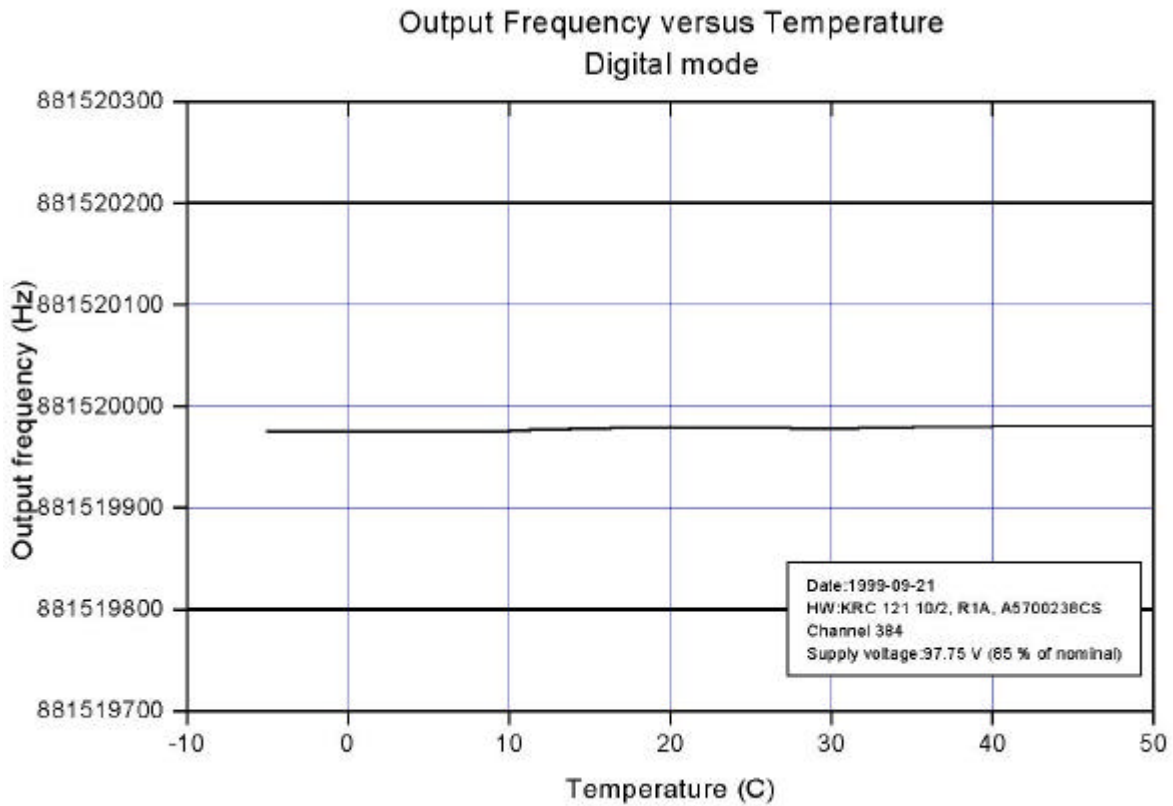
APPLICANT:
Ericsson Radio System AB

FCC ID NO.
B5KKRC12110-31

FREQUENCY STABILITY DATA PACKET MODE

2.1055

Output Frequency versus Temperature



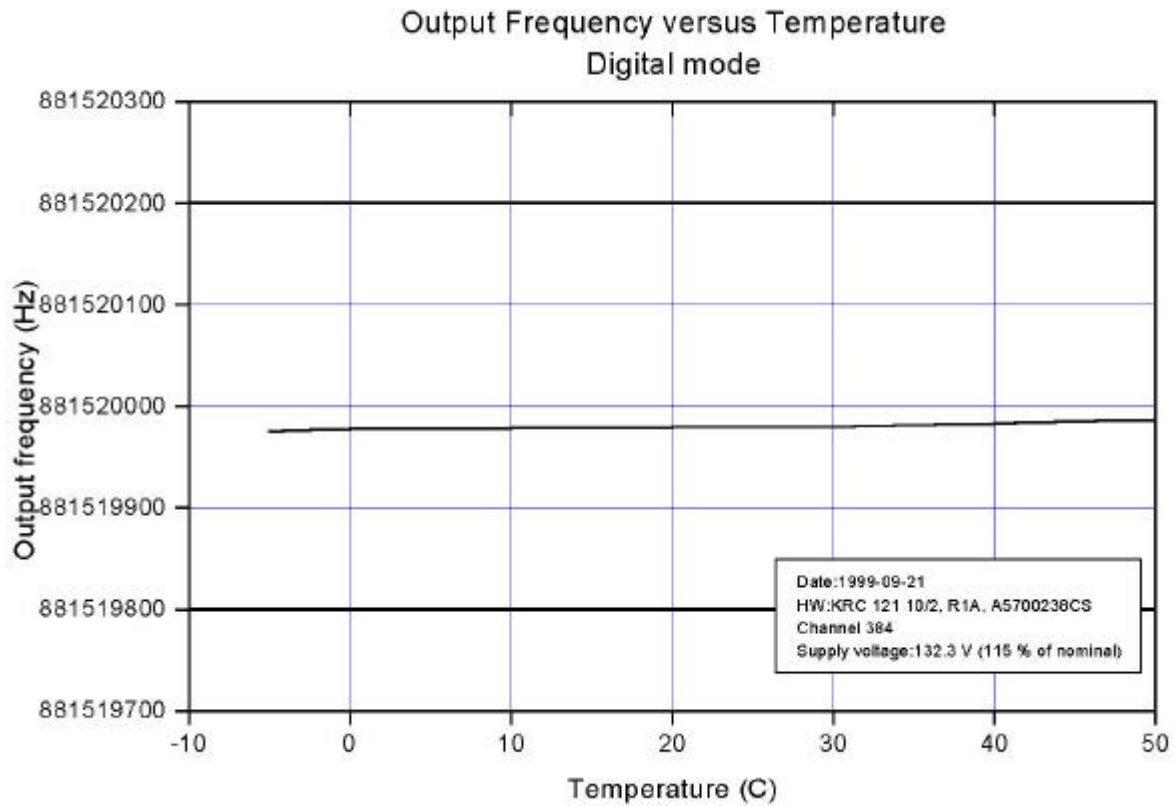
Channel 384 Output Power 44.8 dBm
Supply Voltage:97.75 V (85% of nominal)

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)