TEST REPORT
FROM
RADIO FREQUENCY
INVESTIGATION LTD.

Test Of: Ericsson AB.
KRC131 139/01 sTRU-Edge Transceiver Unit

To: FCC Part 24: 2001

Test Report Serial No:
RFI/MPTB1/RP44234JD01A

This Test Report Is Issued Under The Authority Of Richard Jacklin, Operations Director: 	**Checked By:** 
Tested By: 	**Release Version No: PDF01**
Issue Date: 19 February 2003	**Test Dates: 22 January 2003**

This report is issued in Adobe Acrobat portable document format (PDF). It is only a valid copy of the report if it is being viewed in PDF format with the following security options not allowed: Changing the document, Selecting text and graphics, Adding or changing notes and form fields. Furthermore, the date of creation must match the issue date stated above.

This report may be copied in full.

The results in this report apply only to the sample(s) tested.

This page has been left intentionally blank.

Test Of: Ericsson AB.
KRC131 139/01 sTRU-Edge Transceiver
To: FCC Part 24: 2001

Table of Contents

1. Client Information

Company Name:	Ericsson AB
Address:	Bergfotsgatan 2 Mölndal SE-431 84 Sweden
Contact Name:	Mr P Hellberg

2. Equipment Under Test (EUT)

The following information has been supplied by the client:

2.1. Identification Of Equipment Under Test (EUT)

Unit	Model Number	Serial Number	Revision Number
sTRU 8PSK 1900	KRC 131 139/01	AE5000PMLK	R1C
sTRU 8PSK 1900	KRC 131 139/01	AE5000PMLY	R1C
sTRU 8PSK 1900	KRC 131 139/01	AE5000PMMF	R1C
sTRU 8PSK 1900	KRC 131 139/01	AE5000PMMO	R1C

Note The above units were tested for conducted measurements within the RBS 2202 (24V DC) BTS.

2.2. Identification Of Equipment Under Test (EUT)

Unit	Model Number	Serial Number	Revision Number
sTRU 8PSK 1900	KRC 131 139/01	AE5000PVL5	R1C
sTRU 8PSK 1900	KRC 131 139/01	AE5000PVX1	R1C
sTRU 8PSK 1900	KRC 131 139/01	AE5000PVX0	R1C
sTRU 8PSK 1900	KRC 131 139/01	AE5000PVWX	R1C
sTRU 8PSK 1900	KRC 131 139/01	AE5000PSV7	R1C
sTRU 8PSK 1900	KRC 131 139/01	AE5000PMMC	R1C

Note The above units were tested for radiated measurements within the RBS 2202 (-48V DC) BTS.

Identification Of Equipment Under Test (EUT) (Continued)

Unit	Model Number	Serial Number	Revision Number
sTRU 8PSK 1900	KRC 131 139/01	AE5000PVL5	R1C
sTRU 8PSK 1900	KRC 131 139/01	AE5000PVX1	R1C
sTRU 8PSK 1900	KRC 131 139/01	AE5000PVX0	R1C
sTRU 8PSK 1900	KRC 131 139/01	AE5000PVWX	R1C
sTRU 8PSK 1900	KRC 131 139/01	AE5000PSV7	R1C
sTRU 8PSK 1900	KRC 131 139/01	AE5000PMMC	R1C

Note The above units were tested for radiated measurements within the RBS 2202 (230V AC & 24V DC) BTS.

Unit	Model Number	Serial Number	Revision Number
sTRU 8PSK 1900	KRC 131 139/01	AE5000PVL5	R1C
sTRU 8PSK 1900	KRC 131 139/01	AE5000PVX1	R1C
sTRU 8PSK 1900	KRC 131 139/01	AE5000PVX0	R1C
sTRU 8PSK 1900	KRC 131 139/01	AE5000PVWX	R1C
sTRU 8PSK 1900	KRC 131 139/01	AE5000PSV7	R1C
sTRU 8PSK 1900	KRC 131 139/01	AE5000PMMC	R1C

Note The above units were tested for radiated measurements within the RBS 2102 (208V AC 60 Hz) BTS.

2.3. Description Of EUT

The EUT is an sTRU 8PSK 1900 single transceiver unit. It operates in the GSM 1900 MHz band and uses a GMSK/8PSK modulation scheme. Its unique model number is KRC 131 139/01.

2.4. Modifications Incorporated In EUT

The EUT has not been modified from what is described by the Model Name stated above.

2.5. Additional Information Related To Testing

Type of Unit:	GSM 1900 Single Transceiver Unit
Interface Ports:	Telecommunication line – E1 or T1 PCM (2 off) Alarm input – closing/opening inputs for alarms TG Sync – synchronisation interface between base stations DC output – DC supply for optional equipment DC input/output – for battery back-up
Transmit Frequency	1930 MHz to 1990 MHz
Receive Frequency	1850 MHz to 1910 MHz
Maximum Power Output	44.7 dBm

2.6. Support Equipment – Mölndal

The following support equipment was used to exercise the EUT during testing

Description:	BSC Simulator
Brand Name:	RBS Master 2
Model Name or Number:	LPY 107 1007/1 R1F
Serial Number:	00156
FCC ID Number:	Not Applicable
Cable Length And Type:	6 m (9 pin D type)
Connected to Port:	TG Sync
Cable Length And Type:	6 m (9 pin, D type x 2)
Connected to Port:	G.703 ABIS A & B
Cable Length And Type:	4 m (9 pin, D type)
Connected to Port:	RBS DVT
Cable Length And Type:	2 m, BNC
Connected to Port:	Ext Ref In

Description:	Computer
Brand Name:	Propac
Model Name or Number:	18-0100
Serial Number:	169
FCC ID Number:	Not Applicable
Cable Length And Type:	1.5 m (9 pin, D type)
Connected to Port:	PC Out
Cable Length And Type:	2 m (9 pin, D type)
Connected to Port:	PC Ctrl

RBS 2202 (24V DC) Hardware List (Conducted Measurements)

Unit	Model Number	Serial Number	Revision Number
sTRU 8PSK 1900	KRC 131 139/01	AE5000PMLG	R1C
sTRU 8PSK 1900	KRC 131 139/01	AE5000PMLW	R1C
CDU A	BFL 119 108/1	A40000AEPY	R4B
CDU C+	BFL 119 128/1	T04A144930	R1B
CDU C+	BFL 119 128/1	T04A144917	R1B
Chassis	SEB 112 1024/01	AE5000LTP7	R3H
IDM	BMG 980 316/1	S763467210	R1C
PSU 230	BML 231 201/1	TL91689873	R12A
PSU 230	BML 231 201/1	TL91689309	R12A
PSU 230	BML 231 201/1	TL91689900	R12A
PSU 230	BML 231 201/1	TL91689905	R12A
ECU	BMP 903 021/1	A081533674	R7C
DXU-11	BOE 602 11/11	TJ90006BTS	R1F
DXU-21	BOE 602 14/1	X510130532	R6B
Shelf	BFL 119 310/1	S76	R1L
Shelf	BFL 119 319/1	S76	R1B
Shelf	BFL 119 80/3	S76	R3D

RBS 2202 (-48V DC) Hardware List (Radiated Measurements)

Unit	Model Number	Serial Number	Revision Number
Cabinet	SEB 112 1024/02	AE5000NM4C	R3F
CDU A	BFL 119 108/1	T04A141686	R7A
CDU C+	BFL 119 128/1	A40003GCFR	R1B
CDU C+	BFL 119 128/1	A40003GDAH	R1B
PSU_-48V DC	BMR 960 613/1	TL91747617	R11A
PSU_-48V DC	BMR 960 613/1	TL91747604	R11A
PSU_-48V DC	BMR 960 613/1	TL91747620	R11A
PSU_-48V DC	BMR 960 613/1	TL91747535	R11A
ECU	BMP 903 021/1	TU61089201	R7D
IDM	BGM 980 316/1	S763474212	R1C
DXU 21	BOE 602 14/1	X510130539	R6B
DXU 11	BOE 602 11/11	TJ90006BPZ	R1F

RBS 2202 (230V DC & 24V AC) Hardware List (Radiated Measurements)

Unit	Model Number	Serial Number	Revision Number
Cabinet	SEB 112 1024/01	AE5000NM3J	R3H
CDU A	BFL 119 108/1	T04A141674	R7A
CDU C+	BFL 119 128/1	T04A129985	R1B
CDU C+	BFL 119 128/1	T04A149416	R1B
PSU_AC	BML 231 201/1	TL91797353	R12A
PSU_AC	BML 231 201/1	TL91796912	R12A
PSU_AC	BML 231 201/1	TL91796896	R12A
PSU_AC	BML 231 201/1	TL91797568	R12A
ECU	BMP 903 021/1	TU61090016	R7D
IDM	BGM 980 316/1	S763475906	R1C
DXU 21	BOE 602 14/1	X510130539	R6B
DXU 11	BOE 602 11/11	TJ90006BPZ	R1F

RBS 2102 (208V AC, 60 Hz) Hardware List (Radiated Measurements)

Unit	Model Number	Serial Number	Revision Number
Cabinet	SEB 112 1050/08	AE5000MG6J	R3E
CDU A	BFL 119 108/1	T04A141627	R7A
CDU C+	BFL 119 128/1	T04A118311	R1B
CDU C+	BFL 119 128/1	T04A123984	R1B
PSU_AC	BML 231 201/1	TL91740312	R12A
PSU_AC	BML 231 201/1	TL91739630	R12A
PSU_AC	BML 231 201/1	TL91799956	R12A
PSU_AC	BML 231 201/1	TL91740328	R12A
ECU	BMP 903 021/1	A083607093	R7D
BFU	BGM 701 016/1	A083628942	R5A
DXU 21	BOE 602 14/1	X510130539	R6B
DXU 11	BOE 602 11/11	TJ90006BPZ	R1F
ACCU Basic Unit	BMG 815 066/1	A441468247	R4B
ACCU	BPD 104 08/1	S781134151	R3C
Connection Box	2/BMG 815 066/1	A441466086	R3C

3. Test Specification, Methods And Procedures

3.1. Test Specification

Reference:	FCC Part 24 2001: Subpart E Sections 24.232, 24.235, 24.238
Title:	Code of Federal Regulations, Part 24 (47CFR) Personal Communication Services.
Comments:	None.
Purpose of Test:	To determine whether the equipment complied with the requirements of the specification for the purposes of certification.

Reference:	FCC Part 2: 2001 Sections 2.1046 2.1047 2.1049 2.1051 2.1053 2.1055
Title:	Code of Federal Regulations, Part 2 (47CFR) Frequency allocations and radio treaty matters; General Rules and Regulations
Comments:	None.
Purpose of Test:	To determine whether the equipment complied with the requirements of the specification for the purposes of certification.

3.2. Methods And Procedures

The methods and procedures used were as detailed in:

ANSI/TIA-603-B-2002
Land Mobile Communications Equipment, Measurements and Performance Standards.

ANSI C63.2 (1996)
Title: American National Standard for InsTRUmentation - Electromagnetic noise and field strength.

ANSI C63.4 (2001)
Title: American National Standard Methods of Measurement of Electromagnetic Emissions from Low Voltage Electrical and Electronic Equipment in the Range of 9 kHz to 40 GHz.

ANSI C63.5 (1998)
Title: American National Standard for the Calibration of antennas used for Radiated Emission measurements in Electromagnetic Interference (EMI) control.

ANSI C63.7 (1988)
Title: American National Standard Guide for ConsTRUction of Open Area Test Sites for performing Radiated Emission Measurements.

CISPR 16-1 (1999)
Title: Specification for radio disturbance and immunity measuring apparatus and methods. Part 1. Radio disturbance and immunity measuring apparatus.

3.3. Definition Of Measurement Equipment

The measurement equipment used complied with the requirements of the standards referenced in the Methods & Procedures section above. Appendix 1 contains a list of the test equipment used.

4. Deviations From The Test Specification

None

5. Operation Of The EUT During Testing

5.1. Operating Conditions

The EUT was tested in a normal laboratory environment.

5.2. Operating Modes

The EUT was tested in the following operating modes:

Conducted Emissions: GMSK and 8PSK Modes

Note: One configuration and modulation type was tested at a time: CDU A and CDU C+.

Channel No.	Frequency (MHz)
512	1930.2
513	1930.4
538	1935.4
584	1944.6
588	1945.4
609	1949.6
613	1950.4
661	1960.0
684	1964.6
688	1965.4
709	1969.6
713	1970.4
734	1974.6
738	1975.4
809	1989.6
810	1989.8

It should be noted that In GMSK mode the EUT must use a reduced transmit power by 12.0 dB to 33.0 dBm with the CDU A, and by 10.0 dB to 35.0 dBm with the CDU C+ for the channels adjacent to each frequency block 8PSK in order to show compliance.

In 8PSK mode it was not possible to reduce the transmit power enough for the channels adjacent to each frequency block 8PSK to fulfil the requirements, thus these channels must be excluded in order to comply.

Operating Modes (Continued)

Radiated Emissions: GMSK and 8PSK Modes

Note: Two configurations tested at the same time: one with a CDU A and one with a CDU C+.

Channel No.	Frequency (MHz)	Configuration
512	1930.2	sTRU 0 with combiner & distribution unit CDU A
572	1942.2	sTRU 1 with combiner & distribution unit CDU A
632	1954.2	sTRU 2 with combiner & distribution unit CDU C+
661	1960.0	sTRU 3 with combiner & distribution unit CDU C+
752	1978.2	sTRU 4 with combiner & distribution unit CDU C+
810	1989.8	sTRU 5 with combiner & distribution unit CDU C+

5.3. Configuration and Peripherals

The EUT was tested in the following configuration:

The EUT was tested installed within RBS 2202 and RBS 2102 base transceiver stations (BTS).

Each BTS host is designed to contain multiple EUTs. As such, the BTS was tested fully populated with EUTs and configured for worse case operation as stated by the client.

NB Section 2.6 of this report lists the support equipment supplied with the equipment under test and Appendix 3 contains a schematic diagram of the test configurations.

6. Summary Of Test Results

Transmit Mode

Range Of Measurements	Specification Reference	Mode of Operation	Port Type	Compliancy Status
Conducted RF Output Power (GSM 1900 mode)	Part 2 of CFR 47: 2001, Section 2.1046(a)	Transmit	Antenna Terminals	N/A
Modulation Characteristics	Part 2 of CFR 47: 2001, Section 2.1047	Transmit	Antenna Terminals	Complied
Frequency Stability (Temperature & Voltage Variation)	Part 2 & 24 of CFR 47: 2001, Section 2.1055/24.235	Transmit	Antenna Terminals	Complied
Occupied Bandwidth	Part 2 & 24 of CFR 47: 2001, Sections 2.1049/24.238	Transmit	Antenna Terminals	Complied
Conducted Out of Band Emissions, including In band Intermodulation Test (9kHz to 20GHz)	Part 2 & 24 of CFR 47: 2001, Sections 2.1051/24.238	Transmit	Antenna Terminals	Complied
Radiated Spurious Emissions (30MHz to 20GHz)	Part 2 & 24 of CFR 47: 2001, Section 2.1053/24.238	Transmit	Antenna	Complied

6.1. Location Of Tests

All conducted measurements described in this report were performed at the premises of Ericsson AB, Bergfotsgatan 2, Mölndal, SE-431 84, Sweden and all radiated measurements were performed at Radio Frequency Investigation Ltd, Ewhurst Park, Ramsdell, Basingstoke, Hampshire, RG26 5RQ, England.

7. Measurements, Examinations And Derived Results

7.1. General Comments

7.1.1. This section contains test results only. Details of the test methods and procedures can be found in Appendix 2 of this report.

7.1.2. Measurement uncertainties are evaluated in accordance with current best practice. Our reported expanded uncertainties are based on standard uncertainties, which are multiplied by an appropriate coverage factor to provide a statistical confidence level of approximately 95%. Please refer to Section 8 for details of measurement uncertainties.

7.2. Transmitter Conducted RF Output Power

7.2.1. The EUT and spectrum analyser were configured as for conducted antenna port measurements.

7.2.2. Tests were performed to identify the maximum transit power in accordance with FCC Part 2.1046(a) for conducted power, with reference to TIA_EIA_603B.

7.2.3. Measurements were made at the antenna reference points (ARPs) of the system cabinet, which were internally connected to the CDU A and CDU C+ output connectors. The EUT output power was derived by adding the CDU and interconnecting cable losses to the measured ARP output power.

7.2.4. The output was connected to a spectrum analyser via cables, a 50-Ohm attenuator and an RF box containing further attenuators.

7.2.5. The path loss of 42.2 dB was entered into the spectrum analyser as a reference level offset.

7.2.6. Results are shown for the EUT set to Bottom, Middle and Top channels using a 24V DC supply.

7.2.7. sTRU serial numbers AE5000PMLK, AE5000PMLY, AE5000PMMF, AE5000PMMO were used during the test.

Results:

Mode: GMSK – CDU A sTRU 0

Channel	Measured Frequency (MHz)	ARP Output Power (dBm)	CDU and Interconnecting Cable Loss (dB)	Output Power (dBm)
Bottom	1930.24609	42.2	1.7	43.9
Middle	1960.04208	42.5	1.8	44.3
Top	1989.86212	42.7	1.7	44.4

Mode: GMSK – CDU A sTRU 1

Channel	Measured Frequency (MHz)	ARP Output Power (dBm)	CDU and Interconnecting Cable Loss (dB)	Output Power (dBm)
Bottom	1930.19800	42.2	1.7	43.9
Middle	1959.98998	42.5	1.8	44.3
Top	1989.81403	42.6	1.7	44.3

Transmitter Conducted RF Output Power (Continued)

Mode: GMSK – CDU C+ sTRU 2

Channel	Measured Frequency (MHz)	ARP Output Power (dBm)	CDU and Interconnecting Cable Loss (dB)	sTRU Output Power (dBm)
Bottom	1930.20000	39.2	4.7	43.9
Middle	1960.01002	39.5	4.8	44.3
Top	1989.78196	39.5	4.9	44.4

Mode: GMSK – CDU C+ sTRU 3

Channel	Measured Frequency (MHz)	ARP Output Power (dBm)	CDU and Interconnecting Cable Loss (dB)	sTRU Output Power (dBm)
Bottom	1930.18998	38.9	4.7	43.6
Middle	1960.00601	39.9	4.8	44.7
Top	1989.83407	39.5	4.9	44.4

Mode: 8PSK – CDU A sTRU 0

Channel	Measured Frequency (MHz)	ARP Output Power (dBm)	CDU and Interconnecting Cable Loss (dB)	sTRU Output Power (dBm)
Bottom	1930.16994	42.1	1.7	43.8
Middle	1959.98597	42.6	1.8	44.4
Top	1989.86613	42.7	1.7	44.4

Mode: 8PSK – CDU A sTRU 1

Channel	Measured Frequency (MHz)	ARP Output Power (dBm)	CDU and Interconnecting Cable Loss (dB)	sTRU Output Power (dBm)
Bottom	1930.21002	42.2	1.7	43.9
Middle	1960.02605	42.5	1.8	44.3
Top	1989.78196	42.5	1.7	44.2

Transmitter Conducted RF Output Power (Continued)

Mode: 8PSK – CDU C+ sTRU 2

Channel	Measured Frequency (MHz)	ARP Output Power (dBm)	CDU and Interconnecting Cable Loss (dB)	sTRU Output Power (dBm)
Bottom	1930.22605	39.1	4.7	43.8
Middle	1959.98597	39.5	4.8	44.3
Top	1989.86613	39.5	4.9	44.4

Mode: 8PSK – CDU C+ sTRU 3

Channel	Measured Frequency (MHz)	ARP Output Power (dBm)	CDU and Interconnecting Cable Loss (dB)	sTRU Output Power (dBm)
Bottom	1930.22204	38.9	4.7	43.6
Middle	1960.06212	39.8	4.8	44.6
Top	1989.85010	39.5	4.9	44.4

7.3. Modulation Characteristics

7.3.1. The EUT and spectrum analyser were configured as for conducted antenna port measurements.

7.3.2. Test were preformed to identify the modulation characteristics in accordance with FCC Part 2.1047, with reference to TIA_EIA_603B and TR45 SP-4027-280C for limits.

7.3.3. Measurements were made at the antenna reference points (ARPs) of the system cabinet, which were connected to the CDU A and CDU C+ output connectors.

7.3.4. The output was connected to a spectrum analyser, which was used in GSM BTS analyser mode, via cables and with 40 dB of attenuation in the path.

7.3.5. Testing was performed on the middle channel only.

7.3.6. GMSK mode – the tolerance of the maximum output phase error, shall not be greater than 5 degrees.

7.3.7. 8PSK mode – the error vector magnitude, (EVM) shall be less than 12.5% RMS. The origin offset in any burst shall be less than -30.0 dBc.

Results:

Mode: GMSK	Phase Error (º)			
	CDU A		CDU C+	
	sTRU 0	sTRU 1	sTRU 2	sTRU 3
Phase Error	3.08	3.95	4.37	2.94
Max	3.95		4.37	

Mode: 8PSK	EVM (% RMS)			
	CDU A		CDU C+	
	sTRU 0	sTRU 1	sTRU 2	sTRU 3
EVM	2.47	2.31	2.75	2.37
Max EVM	2.47		2.75	

Mode: 8PSK	Origin Offset (dB)			
	CDU A		CDU C+	
	sTRU 0	sTRU 1	sTRU 2	sTRU 3
Origin Offset	-33.60	-35.75	-39.37	-43.69
Max 00	-33.60		-39.37	

7.4. Frequency Stability Measurements: (Temperature and Voltage Variation)

7.4.1.The EUT and spectrum analyser were configured for conducted antenna port measurements.

7.4.2. Measurements were performed to determine the frequency stability of the fundamental emission from the EUT, when subjected to variation of ambient temperature and variation of supply voltage.

7.4.3. Measurements were made at the antenna reference points (ARPs) of the system cabinet, which were connected to the CDU A and CDU C+ output connectors.

7.4.4. The output was connected to a spectrum analyser which was used in GSM BTS analyser mode, via cables and with 40.0 dB of attenuation in the path.

7.4.5. The total path loss of 42.6 dB was entered into the spectrum analyser as a reference level offset.

7.4.6. Testing was performed on the middle channel only.

7.4.7. The ambient temperature was varied from -30°C to +50°C in 10°C steps. During the test the fundamental frequency of the EUT shall stay within ± 0.1 ppm of the fundamental frequency as stated in TR45 SP-4027-280C.

7.4.8.The ppm frequency error is calculated using the following formula taken from the TIA_EIA_603B document.

$$\text{ppm error} = \left(\frac{MCF_{MHz}}{ACF_{MHz}} - 1\right) * 10^6$$

where MCF_{MHz} is the measured carrier frequency in MHz
ACF_{MHz} is the assigned carrier frequency in MHz

7.4.9. It should be noted that the frequency tolerance remained within 0.1 ppm of the nominal frequency. The standard requires that the nominal frequency remain within the allocated frequency blocks. Block edge tests were performed to show that the frequencies of operation remained within the specified frequency blocks. The plots for these results can be seen in appendix 4 of this report.

Frequency Stability Measurements (continued)

Results: Mode GMSK
Channel 661 (1960.0 MHz) CDU A sTRU 0

Temperature (°C)	DC Input Voltage (Volts)	Peak Frequency Error (Hz)	Frequency Error (ppm)	Limit (ppm)	Margin (ppm)	Result
-30	20.4	-5.94	0.00303	0.100	0.097	Complied
	27.6	-6.33	0.00323	0.100	0.097	Complied
-20	20.4	-8.78	0.00448	0.100	0.096	Complied
	27.6	-8.07	0.00412	0.100	0.096	Complied
-10	20.4	-4.78	0.00244	0.100	0.098	Complied
	27.6	-6.91	0.00353	0.100	0.096	Complied
+0	20.4	7.81	0.00398	0.100	0.096	Complied
	27.6	7.62	0.00389	0.100	0.096	Complied
+10	20.4	-6.01	0.00307	0.100	0.097	Complied
	27.6	-7.75	0.00395	0.100	0.096	Complied
+20	20.4	-9.56	0.00488	0.100	0.095	Complied
	27.6	-7.81	0.00398	0.100	0.096	Complied
+30	20.4	-6.97	0.00356	0.100	0.096	Complied
	27.6	-6.91	0.00353	0.100	0.096	Complied
+40	20.4	-10.14	0.00517	0.100	0.095	Complied
	27.6	-11.36	0.00580	0.100	0.094	Complied
+50	20.4	-10.40	0.00531	0.100	0.095	Complied
	27.6	-10.40	0.00531	0.100	0.095	Complied

Frequency Stability Measurements (continued)

Results: Mode GMSK
Channel 661 (1960.0 MHz) CDU A sTRU 1

Temperature (°C)	DC Input Voltage (Volts)	Peak Frequency Error (Hz)	Frequency Error (ppm)	Limit (ppm)	Margin (ppm)	Result
-30	20.4	-7.88	0.00402	0.100	0.096	Complied
	27.6	-12.46	0.00636	0.100	0.094	Complied
-20	20.4	-7.43	0.00379	0.100	0.096	Complied
	27.6	-5.62	0.00287	0.100	0.097	Complied
-10	20.4	-4.52	0.00231	0.100	0.098	Complied
	27.6	-7.55	0.00385	0.100	0.096	Complied
+0	20.4	6.91	0.00353	0.100	0.096	Complied
	27.6	-2.13	0.00109	0.100	0.099	Complied
+10	20.4	-7.36	0.00376	0.100	0.096	Complied
	27.6	-4.97	0.00254	0.100	0.097	Complied
+20	20.4	-10.98	0.00560	0.100	0.094	Complied
	27.6	-9.81	0.00501	0.100	0.095	Complied
+30	20.4	-8.52	0.00435	0.100	0.096	Complied
	27.6	-9.36	0.00478	0.100	0.095	Complied
+40	20.4	-6.59	0.00336	0.100	0.097	Complied
	27.6	-8.27	0.00422	0.100	0.096	Complied
+50	20.4	10.27	0.00524	0.100	0.095	Complied
	27.6	-5.04	0.00257	0.100	0.097	Complied

Frequency Stability Measurements (continued)

Results: Mode 8PSK
Channel 661 (1960.0 MHz) CDU A sTRU 0

Temperature (°C)	DC Input Voltage (Volts)	Absolute Peak Frequency Error (Hz)	Frequency Error (ppm)	Limit (ppm)	Margin (ppm)	Result
-30	20.4	-10.20	0.00520	0.100	0.095	Complied
	27.6	-14.27	0.00728	0.100	0.093	Complied
-20	20.4	8.59	0.00438	0.100	0.096	Complied
	27.6	10.07	0.00514	0.100	0.095	Complied
-10	20.4	-5.81	0.00296	0.100	0.097	Complied
	27.6	10.27	0.00524	0.100	0.095	Complied
+0	20.4	7.30	0.00372	0.100	0.096	Complied
	27.6	7.88	0.00402	0.100	0.096	Complied
+10	20.4	-7.17	0.00366	0.100	0.096	Complied
	27.6	-27.77	0.01417	0.100	0.086	Complied
+20	20.4	-13.24	0.00676	0.100	0.093	Complied
	27.6	-13.88	0.00708	0.100	0.093	Complied
+30	20.4	-6.84	0.00349	0.100	0.097	Complied
	27.6	-7.04	0.00359	0.100	0.096	Complied
+40	20.4	-6.78	0.00346	0.100	0.097	Complied
	27.6	-7.04	0.00359	0.100	0.096	Complied
+50	20.4	-7.10	0.00362	0.100	0.096	Complied
	27.6	-6.46	0.00330	0.100	0.097	Complied

Frequency Stability Measurements (continued)

Results: Mode 8PSK
Channel 661 (1960.0 MHz) CDU A sTRU 1

Temperature (°C)	DC Input Voltage (Volts)	Peak Frequency Error (Hz)	Frequency Error (ppm)	Limit (ppm)	Margin (ppm)	Result
-30	20.4	-7.94	0.00405	0.100	0.096	Complied
	27.6	-12.72	0.00649	0.100	0.094	Complied
-20	20.4	12.40	0.00633	0.100	0.094	Complied
	27.6	-8.39	0.00428	0.100	0.096	Complied
-10	20.4	-8.14	0.00415	0.100	0.096	Complied
	27.6	-10.14	0.00517	0.100	0.095	Complied
+0	20.4	10.78	0.00550	0.100	0.095	Complied
	27.6	-7.43	0.00379	0.100	0.096	Complied
+10	20.4	-8.52	0.00435	0.100	0.096	Complied
	27.6	-11.69	0.00596	0.100	0.094	Complied
+20	20.4	-12.66	0.00646	0.100	0.094	Complied
	27.6	-15.76	0.00804	0.100	0.092	Complied
+30	20.4	-9.81	0.00501	0.100	0.095	Complied
	27.6	-13.24	0.00676	0.100	0.093	Complied
+40	20.4	8.91	0.00455	0.100	0.095	Complied
	27.6	-8.98	0.00458	0.100	0.095	Complied
+50	20.4	-8.78	0.00448	0.100	0.096	Complied
	27.6	-11.43	0.00583	0.100	0.094	Complied

7.5. Transmitter Conducted Emissions : GSM 1900 (Occupied Bandwidth) : Section 2.1049

7.5.1. The EUT and spectrum analyser were configured for conducted antenna port measurements.

7.5.2. Tests were performed to identify the Occupied Bandwidth in accordance with FCC Part 2.1049 with reference to TIA_EIA_603B.

7.5.3. Measurements were made at the antenna reference points (ARPs) of the system cabinet, which were connected to the CDU A and CDU C+ output connectors.

7.5.4. The output was connected to a spectrum analyser via cables and with 40.0 dB of attenuation in the path.

7.5.5. The combined path loss of 42.5 dB was entered into the spectrum analyser as a reference level offset.

7.5.6. In GMSK mode this unit must use a reduced transmit power by 12.0 dB to 33.0 dBm with the CDU A, and by 10.0 dB to 35.0 dBm with the CDU C+ for the channels adjacent to each frequency block 8PSK in order to show compliance.

7.5.7. In 8PSK mode it was not possible to reduce the transmit power enough for the channels adjacent to each frequency block 8PSK to fulfil the requirements, thus these channels must be excluded in order to comply.

7.5.8. The power of any emission outside the frequency band shall be attenuated below the transmitter power (P) by at least 43 + 10 Log (P) dB.

7.5.9. Please refer to Appendix 4 for the graphical results.

7.6. Transmitter Conducted Emissions (Out of Band Emissions – Spurious and Intermodulation Responses) : Section 2.1051/24.238

7.6.1. The EUT and spectrum analyser were configured for conducted antenna port measurements.

7.6.2. Tests were performed to identify out of band emissions in accordance with FCC Part 2.1051 and 24.238 with reference to TIA_EIA_603B.

7.6.3. Tests were also performed to identify the level of any intermodulation responses present.

7.6.4. Measurements were made at the antenna reference points (ARPs) of the system cabinet, which were connected to the CDU A and CDU C+ output connectors.

7.6.5. The output was connected to a spectrum analyser via cables, attenuation and an RF box containing various filters.

7.6.6. FCC Part 24.238 states that emissions shall be attenuated by at least 43+10 Log (P) dB below the transmitter power, where (P) is the power measured at the EUT antenna terminals.

7.6.7. The worst cast emission was at least 18.0 dB below the limit

7.6.8. Please refer to Appendix 4 for graphical results.

7.7. Transmitter Radiated Emissions

Electric Field Strength Measurements of Spurious Emissions and Intermodulation Products: 30.0 MHz to 20.0 GHz

7.7.1. Tests were performed to identify the field strength of spurious emissions as per ANSI_TIA_EIA_603B.

7.7.2. Tests were also performed to identify the field strength of any Intermodulation responses present.

7.7.3. Measurement were performed at 3 m test distance with 1.5 m antenna height in a anechoic lined screened room in the frequency range of 30.0 MHz to 1.0 GHz. Between 1.0 GHz and 20.0 GHz a 1 m test distance was used. The limit was corrected by 20log(D1/D2) where D1 and D2 are the respective test distances.

7.7.4. The power of any emission outside the frequency band shall be attenuated below the transmitter power (P) by at least 43 + 10 Log (P) dB.

7.7.5. The limit line was determined by radiating -13 dBm from a dipole located in place of the EUT and measuring the equivalent field strength at 3 meters.

7.7.6. Below 20.0 GHz the worst case emission was at least 10.0 dB below the limit.

7.7.7. Please refer to Appendix 4 for graphical results.

8. Measurement Uncertainty

No measurement or test can ever be perfect and the imperfections give rise to error of measurement in the results. Consequently, the result of a measurement is only an approximation to the value of the measurand (the specific quantity subject to measurement) and is only complete when accompanied by a statement of the uncertainty of the approximation.

The expression of uncertainty of a measurement result allows realistic comparison of results with reference values and limits given in specifications and standards.

The uncertainty of the result may need to be taken into account when interpreting the measurement results.

The reported expanded uncertainties below are based on a standard uncertainty multiplied by an appropriate coverage factor, such that a confidence level of approximately 95% is maintained. For the purposes of this document “approximately” is interpreted as meaning “effectively” or “for most practical purposes”.

Measurement Type	Range	Confidence Level	Calculated Uncertainty
Carrier Output Power	Not applicable	95%	+/- 1.3 dB
Frequency Stability	Not applicable	95%	+/- 11.7 Hz
Occupied Bandwidth	1930 to 1990 MHz	95%	+/- 11.7 Hz
Conducted Spurious Emissions	0.009 kHz to 26 GHz	95%	+/- 1.3 dB
Radiated Spurious Emissions	30 MHz to 1000 MHz	95%	+/- 5.26 dB
Radiated Spurious Emissions	1 GHz to 26 GHz	95%	+/- 1.78 dB
Emissions at Band 8PSKs	1930 to 1990 MHz	95%	+/- 1.3 dB

The methods used to calculate the above uncertainties are in line with those recommended within the various measurement specifications. Where measurement specifications do not include guidelines for the evaluation of measurement uncertainty, the published guidance of the appropriate accreditation body is followed.

Appendix 1. Test Equipment Used

Test equipment used for testing at Mölndal

Description	Manufacturer	Model Number	Serial Number
Signal Analyser	Rohde & Schwarz	FS1Q26	833751/018
RF Box	Ericsson	LYP 107 616	1
Attenuator	Weinschel Corp.	48-20-34	BC2573
Cable 1	Suhner Sucoflex	2.5 m N-Type to N-Type 104E	30639/4PE
Cable 2	Rosenberger	1.5 m N Type to SMA	4898 006
Cable 3	Suhner Sucoflex	0.25 m N-Type to N-Type 104E	2693/4E
Cable 4	Suhner Sucoflex	0.25 m N-Type to N-Type 104E	1957/4E
Cable 5	Suhner Sucoflex	0.5 m N-Type to N-Type 104E	99136/4
Network Analyser	Hewlett Packard	HP8720D	US36140166
Mulimeter	Fluke	79 Series II	62770626
DC Power Supply	Powerbox	PBX 4355-55	A08215
Attenuator	Weinscher Corp.	48-20-34	BC2594
Attenuator	Weinscher Corp.	48-10-34	BC2561
RF Box	Ericsson	LPY 107 616	4
Terminator	Radiall	50 Ohm 30 W	R404834000
Terminator	Weinscher Corp	ML1426	BL3592
Turntable Notch Filter	Ericsson	LPY 108 16/2	UF0701
DC Block	Rhode & Schwarz	FSE-Z4	8379261008
VXI Switch Box	Hewlett Packard	HP 75000 Series B	EK8449

Test equipment used for testing at Basingstoke

RFI No.	InsTRUment	Manufacturer	Type No.	Serial No.
A028	Horn Antenna	Eaton	91888-2	304
A031	2 to 4 GHz Eaton Horn Antenna	Eaton	91889-2	557
A1227	Pre Amplifier	Agilent	8449B	3008A01566
A255	WG 16 Microwave Horn	Flann Microwave	16240-20	519
A427	WG 14 horn	Flann	14240-20	150
A428	WG 12 horn	Flann	12240-20	134
A435	WG 22 horn	Flann	22240-20	400
A436	WG 20 horn	Flann	20240-20	330
A490	Bilog Antenna	Chase	CBL6111A	1590
C1024	Rosenberger Cable	Rosenberger	FA210A-1-020m	FA00B 7565
C1069	Rosenberger cable	Rosenberger	FB311A1050M5050	2302 26382-1
M069	ESMI Spectrum Analyser / Receiver	Rohde & Schwarz	ESMI	829 808/007 (DU) / 827 063/008 (RU)
M072	FSM Spectrum Analyser	Rohde & Schwarz	FSM	862 967/010 (RF) & 863 912/048 (Display)
S205	Site 5	RFI	5	

NB In accordance with UKAS requirements, all the measurement equipment is on a calibration schedule.

Appendix 2. Measurement Methods

A2.1 Conducted Antenna Port Measurements: FCC Part 2

Spurious measurements at the Antenna port were performed from the lower frequency of the allocated frequency block and from the top frequency of the allocated frequency block to 10 times the highest EUT generated frequency.

A spectrum analyser was connected to the antenna port of the EUT via a suitable cable, RF Attenuator and filters. The total loss of the cable, attenuator and filters were measured and entered as a reference level offset into the spectrum analyser for the losses.

The specified frequency bands were investigated with the transmitter operating at full power on the appropriate channels as described in section 5.2

A2.2 Frequency Stability

The EUT was situated within an environmental test chamber and connected directly to the GSM test set via an access port.

Measurements were performed with the EUT operating under extremes of temperature in 10 degree increments within the range –30.0 to 50.0 Deg C.

Measurements were also performed at voltage extremes between the declared nominal supply voltage and at the declared endpoint voltage.

The requirement was to determine the frequency stability of the device under specified environmental operating conditions.

Measurements were made on the middle channel only.

The EUT was switched off for a minimum of 30 minutes between each stage of testing while the environmental chamber stabilised at the next temperature within the stated temperature range.

A2.2.1 The frequency error measured was converted to an error in ppm using the following formula as defined by TIA_EIA_603B:-

$$\text{ppm error} = \left(\frac{MCF_{MHz}}{ACF_{MHz}} - 1\right) * 10^6$$

where MCF_{MHz} is the measured carrier frequency in MHz
ACF_{MHz} is the assigned carrier frequency in MHz

A2.2.2 The measured ppm had to be less then the relevant limits in order to comply.

A2.3 FCC Part 2.1049 (i): Occupied Bandwidth

The test was performed in a laboratory environment.

The EUT was connected to a spectrum analyser and the GSM test set via a bi-directional coupler to its antenna port. If the EUT was not fitted with an antenna port as standard, the client made a temporary antenna port available.

Measurements were performed to determine the Occupied Bandwidth in accordance with FCC Part 2.1049. The Occupied Bandwidth was measured from the fundamental emission at the bottom middle and top channels.

The EUT is a PCS phone therefore no modulation input port was available. A call was thus setup using the PCS/GSM simulator and using normal modulation. The Occupied Bandwidth was measured in this configuration.

The Occupied Bandwidth was measured using the built in occupied bandwidth function of the Rohde and Schwarz FSEB spectrum analyser. It was set to measure the bandwidth where 99% of the signal power was contained. The analyser settings were set as per those outlined in the FSEB user manual for this measurement, i.e., RBW <= 1/20 of occupied bandwidth. A value of 3kHz was used.

A2.4 Transmitter Radiated Emissions

Radiated emissions measurements were performed in accordance with the standard, against appropriate limits for each detector function.

Initial pre-scans covering the entire measurement band from the lowest generated frequency declared up to 10 times the highest fundamental frequency were performed within a screened chamber in order to identify frequencies on which the EUT was generating interference. This determined the frequencies from the EUT which required further examination.

The radiated scans were performed at 3 m test distance with 1.5 m antenna height in a anechoic lined screened room in the frequency range of 30.0 MHz to 1.0 GHz. Between 1.0 GHz and 20.0 GHz a 1 m test distance was used. A limit line was set to the specifications limit. Levels within 20dB of this limit were measured where possible, on occasion; the receiver noise floor came within the 20dB boundary.

The limit stated in the standard states that emissions shall be attenuated by at least 43+10 Log (P) dB below the transmitter power (P), where (P) is the maximum measured fundamental power for the channel under test.

At the shorter test distance of 1 meter all results or limits were corrected using 20log(D1/D2) where D1 and D2 are the respective test distances.

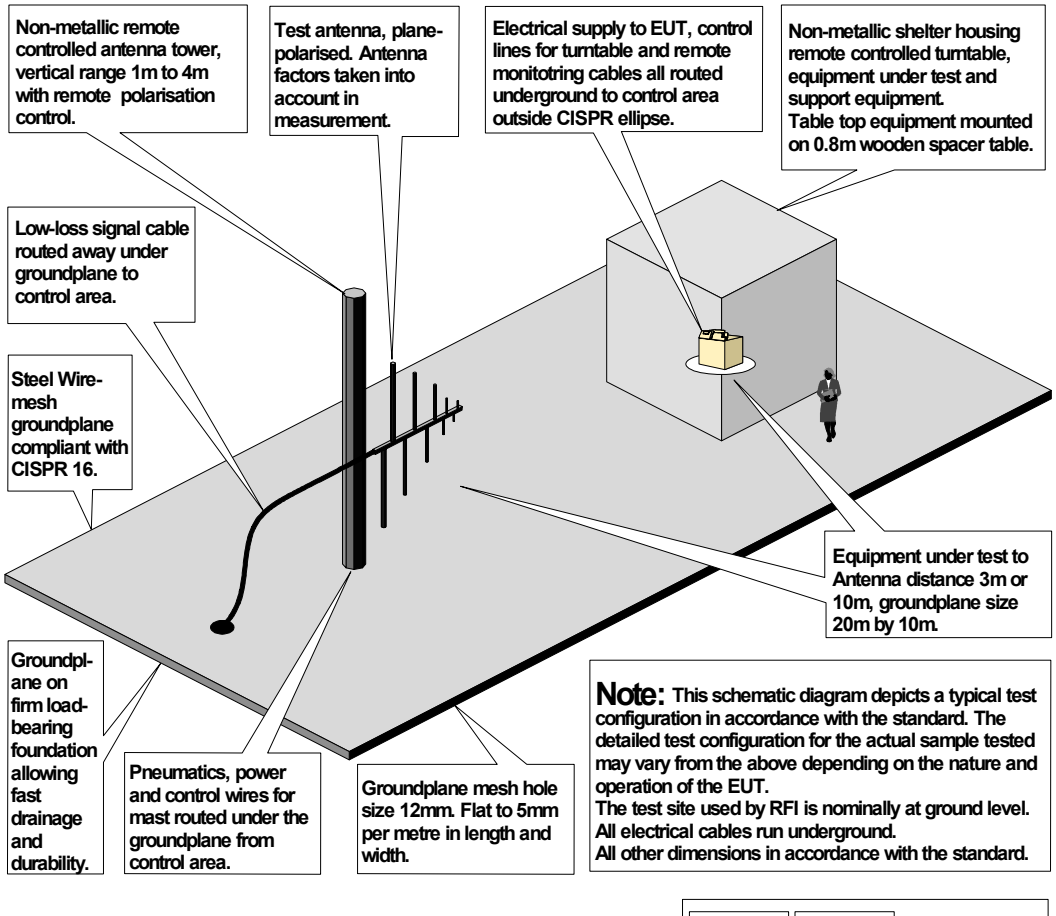
Appendix 3. Test Configuration Drawings

This Appendix contains the following drawings:

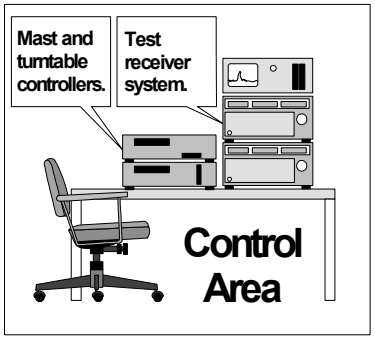
Drawing Reference Number	Title
DRG\44234JD01\EMIRAD	Test configuration for measurement of radiated emissions
DRG\44234JD01\001	Schematic diagram of the EUT, support equipment and interconnecting cables used for the test for conducted emissions performed at Mölndal
DRG\44234JD01\002	Schematic diagram of the EUT, support equipment and interconnecting cables used for the test radiated emissions performed at Basingstoke

Test Of: **Ericsson AB.**
KRC131 139/01 sTRU-Edge Transceiver
To: **FCC Part 24: 2001**

DRG\44234JD01\EMIRAD



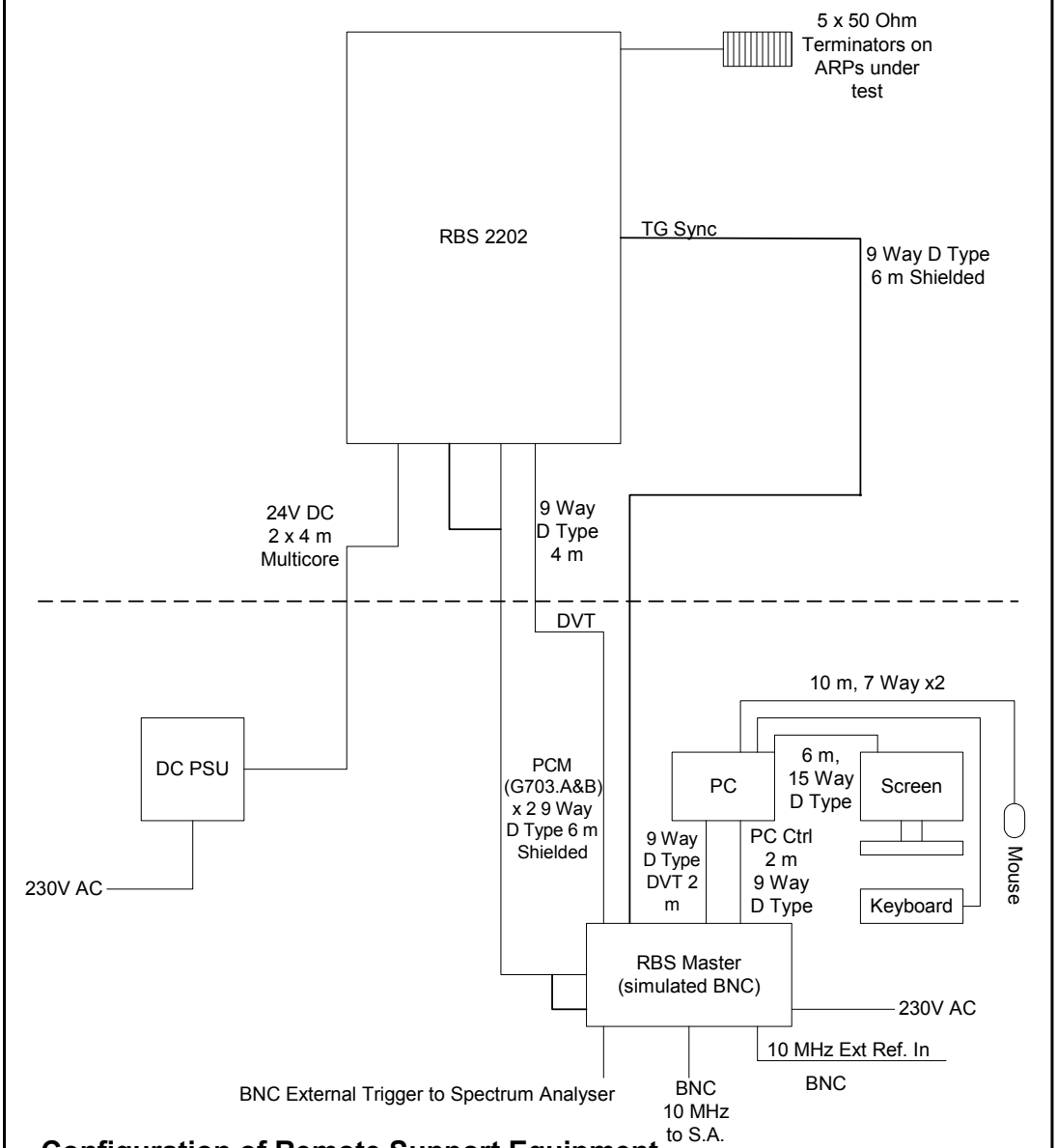
Test Configuration For Radiated Emissions Measurements
Reflection-free area: >60m by 52m (CISPR ellipse)
Groundplane Earthed
Control room outside CISPR ellipse



Test Of: **Ericsson AB.**
KRC131 139/01 sTRU-Edge Transceiver
To: **FCC Part 24: 2001**

DRG\44234JD01\001

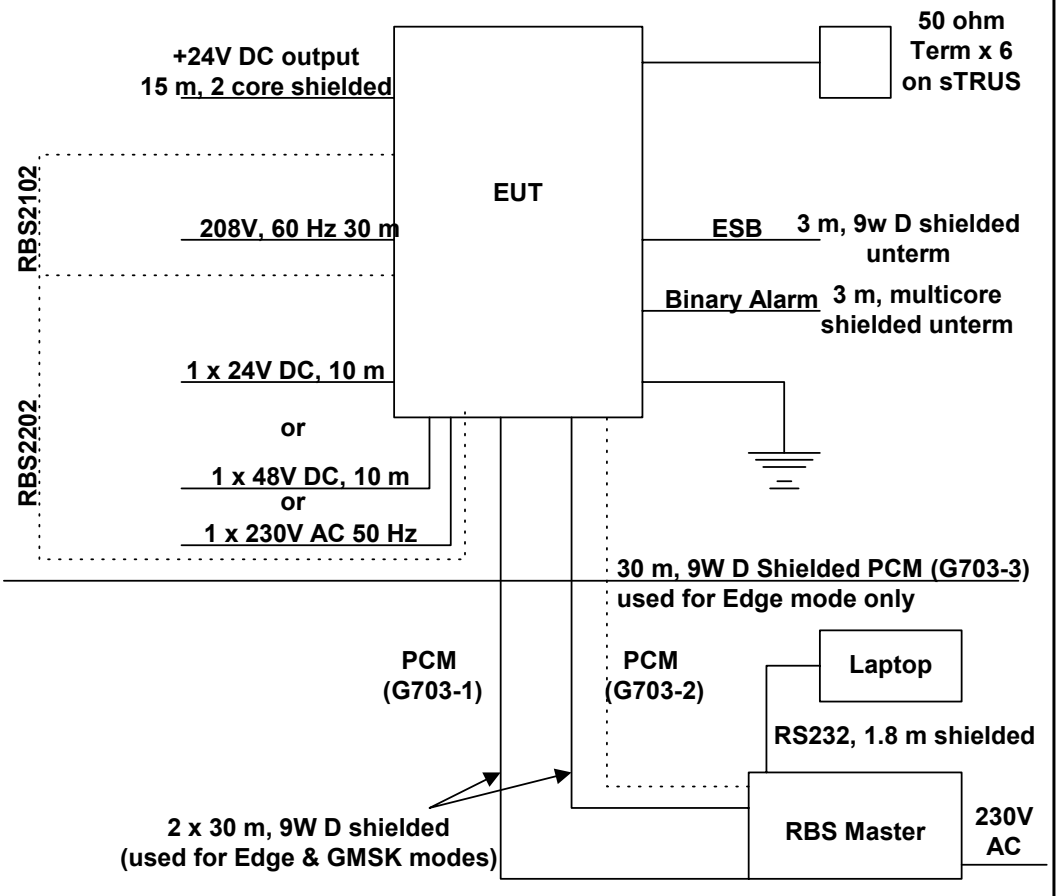
Configuration of EUT and Local Support Equipment
Conducted Measurements



Configuration of Remote Support Equipment

DRG\44234JD01\002

Configuration of EUT and Local Support Equipment
Radiated Emissions



Configuration of Remote Support Equipment

Appendix 4. Graphical Test Results

This Appendix contains the following graphs:

Graph Reference Number	Title - Conducted Tests
GPH\44324JD01\001	CH512 Reference Power Level 33.0 dBm GMSK - CDUA - sTRU0
GPH\44324JD01\002	CH512 99% Occupied Power Bandwidth 33.0 dBm GMSK - CDUA - sTRU0
GPH\44324JD01\003	CH512 Band 8PSK 33.0 dBm GMSK - CDUA - sTRU0
GPH\44324JD01\004	CH513 Reference Power Level 45.0 dBm GMSK - CDUA - sTRU0
GPH\44324JD01\005	CH513 99% Occupied Power Bandwidth 45.0 dBm GMSK - CDUA - sTRU0
GPH\44324JD01\006	CH513 Band 8PSK 45.0 dBm GMSK - CDUA - sTRU0
GPH\44324JD01\007	CH809 Reference Power Level 45.0 dBm GMSK - CDUA - sTRU0
GPH\44324JD01\008	CH809 99% Occupied Power Bandwidth 45.0 dBm GMSK - CDUA - sTRU0
GPH\44324JD01\009	CH809 Band 8PSK 45.0 dBm GMSK - CDUA - sTRU0
GPH\44324JD01\010	CH810 Reference Power Level 33.0 dBm GMSK - CDUA - sTRU0
GPH\44324JD01\011	CH810 99% Occupied Power Bandwidth 33.0 dBm GMSK - CDUA - sTRU0
GPH\44324JD01\012	CH810 Band 8PSK 33.0 dBm GMSK - CDUA - sTRU0
GPH\44324JD01\013	CH512 Reference Power Level 33.0 dBm GMSK - CDUA – sTRU1
GPH\44324JD01\014	CH512 99% Occupied Power Bandwidth 33.0 dBm GMSK - CDUA – sTRU1
GPH\44324JD01\015	CH512 Band 8PSK 33.0 dBm GMSK - CDUA – sTRU1
GPH\44324JD01\016	CH513 Reference Power Level 45.0 dBm GMSK - CDUA – sTRU1
GPH\44324JD01\017	CH513 99% Occupied Power Bandwidth 45.0 dBm GMSK - CDUA – sTRU1

Graphical Test Results (continued)

Graph Reference Number	Title – Conducted Tests
GPH\44324JD01\018	CH513 Band 8PSK 45.0 dBm GMSK - CDUA – sTRU1
GPH\44324JD01\019	CH809 Reference Power Level 45.0 dBm GMSK - CDUA – sTRU1
GPH\44324JD01\020	CH809 99% Occupied Power Bandwidth 45.0 dBm GMSK - CDUA – sTRU1
GPH\44324JD01\021	CH809 Band 8PSK 45.0 dBm GMSK - CDUA – sTRU1
GPH\44324JD01\022	CH810 Reference Power Level 33.0 dBm GMSK - CDUA – sTRU1
GPH\44324JD01\023	CH810 99% Occupied Power Bandwidth 33.0 dBm GMSK - CDUA – sTRU1
GPH\44324JD01\024	CH810 Band 8PSK 33.0 dBm GMSK - CDUA – sTRU1
GPH\44324JD01\025	CH512 Reference Power Level 35.0 dBm GMSK – CDUC+ - sTRU2
GPH\44324JD01\026	CH512 99% Occupied Power Bandwidth 35.0 dBm GMSK - CDUC+ - sTRU2
GPH\44324JD01\027	CH512 Band 8PSK 35.0 dBm GMSK - CDUC+ - sTRU2
GPH\44324JD01\028	CH513 Reference Power Level 45.0 dBm GMSK - CDUC+ - sTRU2
GPH\44324JD01\029	CH513 99% Occupied Power Bandwidth 45.0 dBm GMSK - CDUC+ - sTRU2
GPH\44324JD01\030	CH513 Band 8PSK 45.0 dBm GMSK - CDUC+ - sTRU2
GPH\44324JD01\031	CH809 Reference Power Level 45.0 dBm GMSK - CDUC+ - sTRU2
GPH\44324JD01\032	CH809 99% Occupied Power Bandwidth 45.0 dBm GMSK - CDUC+ - sTRU2
GPH\44324JD01\033	CH809 Band 8PSK 45.0 dBm GMSK - CDUC+ - sTRU2
GPH\44324JD01\034	CH810 Reference Power Level 35.0 dBm GMSK - CDUC+ - sTRU2
GPH\44324JD01\035	CH810 99% Occupied Power Bandwidth 35.0 dBm GMSK - CDUC+ - sTRU2

Graphical Test Results (continued)

Graph Reference Number	Title – Conducted Tests
GPH\44324JD01\036	CH810 Band 8PSK 35.0 dBm GMSK - CDUC+ - sTRU2
GPH\44324JD01\037	CH512 Reference Power Level 35.0 dBm GMSK – CDUC+ - sTRU3
GPH\44324JD01\038	CH512 99% Occupied Power Bandwidth 35.0 dBm GMSK - CDUC+ - sTRU3
GPH\44324JD01\039	CH512 Band 8PSK 35.0 dBm GMSK - CDUC+ - sTRU3
GPH\44324JD01\040	CH513 Reference Power Level 45.0 dBm GMSK - CDUC+ - sTRU3
GPH\44324JD01\041	CH513 99% Occupied Power Bandwidth 45.0 dBm GMSK - CDUC+ - sTRU3
GPH\44324JD01\042	CH513 Band 8PSK 45.0 dBm GMSK - CDUC+ - sTRU3
GPH\44324JD01\043	CH809 Reference Power Level 45.0 dBm GMSK - CDUC+ - sTRU3
GPH\44324JD01\044	CH809 99% Occupied Power Bandwidth 45.0 dBm GMSK - CDUC+ - sTRU3
GPH\44324JD01\045	CH809 Band 8PSK 45.0 dBm GMSK - CDUC+ - sTRU3
GPH\44324JD01\046	CH810 Reference Power Level 35.0 dBm GMSK - CDUC+ - sTRU3
GPH\44324JD01\047	CH810 99% Occupied Power Bandwidth 35.0 dBm GMSK - CDUC+ - sTRU3
GPH\44324JD01\048	CH810 Band 8PSK 35.0 dBm GMSK - CDUC+ - sTRU3
GPH\44324JD01\049	CH513 Reference Power Level 45.0 dBm 8PSK – CDUA – sTRU0
GPH\44324JD01\050	CH513 99% Occupied Power Bandwidth 45.0 dBm 8PSK – CDUA – sTRU0
GPH\44324JD01\051	CH513 Band 8PSK 45.0 dBm 8PSK – CDUA – sTRU0
GPH\44324JD01\052	CH809 Reference Power Level 45.0 dBm 8PSK – CDUA – sTRU0
GPH\44324JD01\053	CH809 99% Occupied Power Bandwidth 45.0 dBm 8PSK – CDUA – sTRU0
GPH\44324JD01\054	CH809 Band 8PSK 45.0 dBm 8PSK – CDUA – sTRU0
GPH\44324JD01\055	CH513 Reference Power Level 45.0 dBm 8PSK – CDUA – sTRU1
GPH\44324JD01\056	CH513 99% Occupied Power Bandwidth 45.0 dBm 8PSK – CDUA – sTRU1
GPH\44324JD01\057	CH513 Band 8PSK 45.0 dBm 8PSK – CDUA – sTRU1
GPH\44324JD01\058	CH809 Reference Power Level 45.0 dBm 8PSK – CDUA – sTRU1
GPH\44324JD01\059	CH809 99% Occupied Power Bandwidth 45.0 dBm 8PSK – CDUA – sTRU1
GPH\44324JD01\060	CH809 Band 8PSK 45.0 dBm 8PSK – CDUA – sTRU1
GPH\44324JD01\061	CH513 Reference Power Level 45.0 dBm 8PSK – CDUC+ – sTRU2
GPH\44324JD01\062	CH513 99% Occupied Power Bandwidth 45.0 dBm 8PSK – CDUC+ – sTRU2
GPH\44324JD01\063	CH513 Band 8PSK 45.0 dBm 8PSK – CDUC+ – sTRU2
GPH\44324JD01\064	CH809 Reference Power Level 45.0 dBm 8PSK – C CDUC+ – sTRU2
GPH\44324JD01\065	CH809 99% Occupied Power Bandwidth 45.0 dBm 8PSK – CDUC+ – sTRU2
GPH\44324JD01\066	CH809 Band 8PSK 45.0 dBm 8PSK – CDUC+ – sTRU2

Graphical Test Results (continued)

Graph Reference Number	Title – Conducted Tests
GPH\44324JD01\067	CH513 Reference Power Level 45.0 dBm 8PSK – CDUC+ – sTRU3
GPH\44324JD01\068	CH513 99% Occupied Power Bandwidth 45.0 dBm 8PSK – CDUC+ – sTRU3
GPH\44324JD01\069	CH513 Band 8PSK 45.0 dBm 8PSK – CDUC+ – sTRU3
GPH\44324JD01\070	CH809 Reference Power Level 45.0 dBm 8PSK – CDUC+ – sTRU3
GPH\44324JD01\071	CH809 99% Occupied Power Bandwidth 45.0 dBm 8PSK – CDUC+ – sTRU3
GPH\44324JD01\072	CH809 Band 8PSK 45.0 dBm 8PSK – CDUC+ – sTRU3
GPH\44324JD01\073	CH513 – CH538 Spurious Emissions 8PSK – 9k – 1G – CDUA – sTRU0
GPH\44324JD01\074	CH513 – CH538 Spurious Emissions 8PSK – 1G – 1.93G – CDUA – sTRU0
GPH\44324JD01\075	CH513 – CH538 Spurious Emissions 8PSK – 1.99G – 2.5G – CDUA – sTRU0
GPH\44324JD01\076	CH513 – CH538 Spurious Emissions 8PSK – 2.5G – 10G – CDUA – sTRU0
GPH\44324JD01\077	CH513 – CH538 Spurious Emissions 8PSK – 10G – 20G – CDUA – sTRU0
GPH\44324JD01\078	CH513 – CH538 Intermodulation Test 8PSK – CDUA – sTRU0
GPH\44324JD01\079	CH809 – CH784 Spurious Emissions 8PSK – 9k – 1G – CDUA – sTRU0
GPH\44324JD01\080	CH809 – CH784 Spurious Emissions 8PSK – 1G – 1.93G – CDUA – sTRU0
GPH\44324JD01\081	CH809 – CH784 Spurious Emissions 8PSK – 1.99G – 2.5G – CDUA – sTRU0
GPH\44324JD01\082	CH809 – CH784 Spurious Emissions 8PSK – 2.5G – 10G – CDUA – sTRU0
GPH\44324JD01\083	CH809 – CH784 Spurious Emissions 8PSK – 10G – 20G – CDUA – sTRU0
GPH\44324JD01\084	CH809 – CH784 Intermodulation Test 8PSK – CDUA – sTRU0
GPH\44324JD01\085	CH513 – CH538 Spurious Emissions 8PSK – 9k – 1G – CDUA – sTRU1
GPH\44324JD01\086	CH513 – CH538 Spurious Emissions 8PSK – 1G – 1.93G – CDUA – sTRU1
GPH\44324JD01\087	CH513 – CH538 Spurious Emissions 8PSK – 1.99G – 2.5G – CDUA – sTRU1
GPH\44324JD01\088	CH513 – CH538 Spurious Emissions 8PSK – 2.5G – 10G – CDUA – sTRU1
GPH\44324JD01\089	CH513 – CH538 Spurious Emissions 8PSK – 10G – 20G – CDUA – sTRU1
GPH\44324JD01\090	CH513 – CH538 Intermodulation Test 8PSK – CDUA – sTRU1
GPH\44324JD01\091	CH809 – CH784 Spurious Emissions 8PSK – 9k – 1G – CDUA – sTRU1
GPH\44324JD01\092	CH809 – CH784 Spurious Emissions 8PSK – 1G – 1.93G – CDUA – sTRU1
GPH\44324JD01\093	CH809 – CH784 Spurious Emissions 8PSK – 1.99G – 2.5G – CDUA – sTRU1
GPH\44324JD01\094	CH809 – CH784 Spurious Emissions 8PSK – 2.5G – 10G – CDUA – sTRU1
GPH\44324JD01\095	CH809 – CH784 Spurious Emissions 8PSK – 10G – 20G – CDUA – sTRU1
GPH\44324JD01\096	CH809 – CH784 Intermodulation Test 8PSK – CDUA – sTRU1
GPH\44324JD01\097	CH513 – CH538 Spurious Emissions 8PSK – 9k – 1G – CDUC+ – sTRU2&3

Graphical Test Results (continued)

Graph Reference Number	Title – Conducted Tests
GPH\44324JD01\098	CH513 – CH538 Spurious Emissions 8PSK – 1G – 1.93G – CDUC+ – sTRU2&3
GPH\44324JD01\099	CH513 – CH538 Spurious Emissions 8PSK – 1.99G – 2.5G – CDUC+ – sTRU2&3
GPH\44324JD01\100	CH513 – CH538 Spurious Emissions 8PSK – 2.5G – 10G – CDUC+ – sTRU2&3
GPH\44324JD01\101	CH513 – CH538 Spurious Emissions 8PSK – 10G – 20G – CDUC+ – sTRU2&3
GPH\44324JD01\102	CH513 – CH538 Intermodulation Test 8PSK – CDUC+ – sTRU2&3
GPH\44324JD01\103	CH809 – CH784 Spurious Emissions 8PSK – 9k – 1G – CDUC+ – sTRU2&3
GPH\44324JD01\104	CH809 – CH784 Spurious Emissions 8PSK – 1G – 1.93G – CDUC+ – sTRU2&3
GPH\44324JD01\105	CH809 – CH784 Spurious Emissions 8PSK – 1.99G – 2.5G – CDUC+ – sTRU2&3
GPH\44324JD01\106	CH809 – CH784 Spurious Emissions 8PSK – 2.5G – 10G – CDUC+ – sTRU2&3
GPH\44324JD01\107	CH809 – CH784 Spurious Emissions 8PSK – 10G – 20G – CDUC+ – sTRU2&3
GPH\44324JD01\108	CH809 – CH784 Intermodulation Test 8PSK – CDUC+ – sTRU2&3
GPH\44324JD01\109	CH513 – CH538 Spurious Emissions GMSK – 9k – 1G – CDUA – sTRU0
GPH\44324JD01\110	CH513 – CH538 Spurious Emissions GMSK – 1G – 1.93G – CDUA – sTRU0
GPH\44324JD01\111	CH513 – CH538 Spurious Emissions GMSK – 1.99G – 2.5G – CDUA – sTRU0
GPH\44324JD01\112	CH513 – CH538 Spurious Emissions GMSK – 2.5G – 10G – CDUA – sTRU0
GPH\44324JD01\113	CH513 – CH538 Spurious Emissions GMSK – 10G – 20G – CDUA – sTRU0
GPH\44324JD01\114	CH513 – CH538 Intermodulation Test GMSK – CDUA – sTRU0
GPH\44324JD01\115	CH809 – CH784 Spurious Emissions GMSK – 9k – 1G – CDUA – sTRU0
GPH\44324JD01\116	CH809 – CH784 Spurious Emissions GMSK – 1G – 1.93G – CDUA – sTRU0
GPH\44324JD01\117	CH809 – CH784 Spurious Emissions GMSK – 1.99G – 2.5G – CDUA – sTRU0
GPH\44324JD01\118	CH809 – CH784 Spurious Emissions GMSK – 2.5G – 10G – CDUA – sTRU0
GPH\44324JD01\119	CH809 – CH784 Spurious Emissions GMSK – 10G – 20G – CDUA – sTRU0
GPH\44324JD01\120	CH809 – CH784 Intermodulation Test GMSK – CDUA – sTRU0
GPH\44324JD01\121	CH513 – CH538 Spurious Emissions GMSK – 9k – 1G – CDUA – sTRU1
GPH\44324JD01\122	CH513 – CH538 Spurious Emissions GMSK – 1G – 1.93G – CDUA – sTRU1
GPH\44324JD01\123	CH513 – CH538 Spurious Emissions GMSK – 1.99G – 2.5G – CDUA – sTRU1
GPH\44324JD01\124	CH513 – CH538 Spurious Emissions GMSK – 2.5G – 10G – CDUA – sTRU1
GPH\44324JD01\125	CH513 – CH538 Spurious Emissions GMSK – 10G – 20G – CDUA – sTRU1
GPH\44324JD01\126	CH513 – CH538 Intermodulation Test GMSK – CDUA – sTRU1
GPH\44324JD01\127	CH809 – CH784 Spurious Emissions GMSK – 9k – 1G – CDUA – sTRU1
GPH\44324JD01\128	CH809 – CH784 Spurious Emissions GMSK – 1G – 1.93G – CDUA – sTRU1

Graphical Test Results (continued)

Graph Reference Number	Title – Conducted Tests
GPH\44324JD01\129	CH809 – CH784 Spurious Emissions GMSK – 1.99G – 2.5G – CDUA – sTRU1
GPH\44324JD01\130	CH809 – CH784 Spurious Emissions GMSK – 2.5G – 10G – CDUA – sTRU1
GPH\44324JD01\131	CH809 – CH784 Spurious Emissions GMSK – 10G – 20G – CDUA – sTRU1
GPH\44324JD01\132	CH809 – CH784 Intermodulation Test 8PSK – CDUA – sTRU1
GPH\44324JD01\133	CH513 – CH538 Spurious Emissions GMSK – 9k – 1G – CDUC+ – sTRU2&3
GPH\44324JD01\134	CH513 – CH538 Spurious Emissions GMSK – 1G – 1.93G – CDUC+ – sTRU2&3
GPH\44324JD01\135	CH513 – CH538 Spurious Emissions GMSK – 1.99G – 2.5G – CDUC+ – sTRU2&3
GPH\44324JD01\136	CH513 – CH538 Spurious Emissions GMSK – 2.5G – 10G – CDUC+ – sTRU2&3
GPH\44324JD01\137	CH513 – CH538 Spurious Emissions GMSK – 10G – 20G – CDUC+ – sTRU2&3
GPH\44324JD01\138	CH513 – CH538 Intermodulation Test GMSK – CDUC+ – sTRU2&3
GPH\44324JD01\139	CH809 – CH784 Spurious Emissions GMSK – 9k – 1G – CDUC+ – sTRU2&3
GPH\44324JD01\140	CH809 – CH784 Spurious Emissions GMSK – 1G – 1.93G – CDUC+ – sTRU2&3
GPH\44324JD01\141	CH809 – CH784 Spurious Emissions GMSK – 1.99G – 2.5G – CDUC+ – sTRU2&3
GPH\44324JD01\142	CH809 – CH784 Spurious Emissions GMSK – 2.5G – 10G – CDUC+ – sTRU2&3
GPH\44324JD01\143	CH809 – CH784 Spurious Emissions GMSK – 10G – 20G – CDUC+ – sTRU2&3
GPH\44324JD01\144	CH809 – CH784 Intermodulation Test GMSK – CDUC+ – sTRU2&3
GPH\44324JD01\145	CH584 Block 8PSK 45.0 dBm 8PSK – CDUA – sTRU0
GPH\44324JD01\146	CH588 Block 8PSK 45.0 dBm 8PSK – CDUA – sTRU0
GPH\44324JD01\147	CH609 Block 8PSK 45.0 dBm 8PSK – CDUA – sTRU0
GPH\44324JD01\148	CH613 Block 8PSK 45.0 dBm 8PSK – CDUA – sTRU0
GPH\44324JD01\149	CH684 Block 8PSK 45.0 dBm 8PSK – CDUA – sTRU0
GPH\44324JD01\150	CH688 Block 8PSK 45.0 dBm 8PSK – CDUA – sTRU0
GPH\44324JD01\151	CH709 Block 8PSK 45.0 dBm 8PSK – CDUA – sTRU0
GPH\44324JD01\152	CH713 Block 8PSK 45.0 dBm 8PSK – CDUA – sTRU0
GPH\44324JD01\153	CH734 Block 8PSK 45.0 dBm 8PSK – CDUA – sTRU0
GPH\44324JD01\154	CH738 Block 8PSK 45.0 dBm 8PSK – CDUA – sTRU0
GPH\44324JD01\155	CH584 Block 8PSK 45.0 dBm GMSK – CDUA – sTRU0
GPH\44324JD01\156	CH588 Block 8PSK 45.0 dBm GMSK – CDUA – sTRU0
GPH\44324JD01\157	CH609 Block 8PSK 45.0 dBm GMSK – CDUA – sTRU0

Graphical Test Results (continued)

Graph Reference Number	Title – Conducted Tests
GPH\44324JD01\158	CH613 Block 8PSK 45.0 dBm GMSK – CDUA – sTRU0
GPH\44324JD01\159	CH684 Block 8PSK 45.0 dBm GMSK – CDUA – sTRU0
GPH\44324JD01\160	CH688 Block 8PSK 45.0 dBm GMSK – CDUA – sTRU0
GPH\44324JD01\161	CH709 Block 8PSK 45.0 dBm GMSK – CDUA – sTRU0
GPH\44324JD01\162	CH713 Block 8PSK 45.0 dBm GMSK – CDUA – sTRU0
GPH\44324JD01\163	CH734 Block 8PSK 45.0 dBm GMSK – CDUA – sTRU0
GPH\44324JD01\164	CH738 Block 8PSK 45.0 dBm GMSK – CDUA – sTRU0

Graph Reference Number	Title – Radiated Tests
GPH\44325JD01\023	RBS2202 (230Vac) – 8PSK Mode (8.0 GHz to 12.5 GHz)
GPH\44325JD01\024	RBS2202 (230Vac) – 8PSK Mode (12.5 GHz to 18.0 GHz)
GPH\44325JD01\025	RBS2202 (230Vac) – 8PSK Mode (18.0 GHz to 26.5 GHz)
GPH\44325JD01\026	RBS2202 (230Vac) – 8PSK Mode (6.0 GHz to 8.0 GHz)
GPH\44325JD01\027	RBS2202 (230Vac) – 8PSK Mode (4.0 GHz to 6.0 GHz)
GPH\44325JD01\028	RBS2202 (230Vac) – 8PSK Mode (2.0 GHz to 4.0 GHz)
GPH\44325JD01\029	RBS2202 (230Vac) – 8PSK Mode (1.0 GHz to 2.0 GHz)
GPH\44325JD01\030	RBS2202 (230Vac) – 8PSK Mode (30.0 MHz to 1.0 GHz)
GPH\44325JD01\031	RBS2202 (230Vac) – GMSK Mode (30.0 MHz to 1.0 GHz)
GPH\44325JD01\032	RBS2202 (230Vac) – GMSK Mode (1.0 GHz to 2.0 GHz)
GPH\44325JD01\033	RBS2202 (230Vac) – GMSK Mode (2.0 GHz to 4.0 GHz)
GPH\44325JD01\034	RBS2202 (230Vac) – GMSK Mode (4.0 GHz to 6.0 GHz)
GPH\44325JD01\035	RBS2202 (230Vac) – GMSK Mode (6.0 GHz to 8.0 GHz)
GPH\44325JD01\036	RBS2202 (230Vac) – GMSK Mode (8.0 GHz to 12.5 GHz)
GPH\44325JD01\037	RBS2202 (230Vac) – GMSK Mode (12.5 GHz to 18.0 GHz)
GPH\44325JD01\038	RBS2202 (230Vac) – GMSK Mode (18.0 GHz to 26.5 GHz)
GPH\44325JD01\051	RBS2202 (24Vdc) – GMSK Mode (18.0 GHz to 26.5 GHz)
GPH\44325JD01\052	RBS2202 (24Vdc) – GMSK Mode (12.5 GHz to 18.0 GHz)
GPH\44325JD01\053	RBS2202 (24Vdc) – GMSK Mode (8.0 GHz to 12.5 GHz)
GPH\44325JD01\054	RBS2202 (24Vdc) – GMSK Mode (6.0 GHz to 8.0 GHz)
GPH\44325JD01\055	RBS2202 (24Vdc) – GMSK Mode (4.0 GHz to 6.0 GHz)

Graphical Test Results (continued)

Graph Reference Number	Title – Radiated Tests
GPH\44325JD01\056	RBS2202 (24Vdc) – GMSK Mode (2.0 GHz to 4.0 GHz)
GPH\44325JD01\057	RBS2202 (24Vdc) – GMSK Mode (1.0 GHz to 2.0 GHz)
GPH\44325JD01\058	RBS2202 (24Vdc) – GMSK Mode (30.0 MHz to 1.0 GHz)
GPH\44325JD01\059	RBS2202 (24Vdc) – 8PSK Mode (30.0 MHz to 1.0 GHz)
GPH\44325JD01\060	RBS2202 (24Vdc) – 8PSK Mode (1.0 GHz to 2.0 GHz)
GPH\44325JD01\061	RBS2202 (24Vdc) – 8PSK Mode (2.0 GHz to 4.0 GHz)
GPH\44325JD01\062	RBS2202 (24Vdc) – 8PSK Mode (4.0 GHz to 6.0 GHz)
GPH\44325JD01\063	RBS2202 (24Vdc) – 8PSK Mode (6.0 GHz to 8.0 GHz)
GPH\44325JD01\064	RBS2202 (24Vdc) – 8PSK Mode (8.0 GHz to 12.5 GHz)
GPH\44325JD01\065	RBS2202 (24Vdc) – 8PSK Mode (12.5 GHz to 18.0 GHz)
GPH\44325JD01\066	RBS2202 (24Vdc) – 8PSK Mode (18.0 GHz to 26.5 GHz)
GPH\44325JD01\083	RBS2202 (-48Vdc) – GMSK TX Mode (30.0 MHz to 1.0 GHz)
GPH\44325JD01\084	RBS2202 (-48Vdc) – GMSK TX Mode (1.0 GHz to 2.0 GHz)
GPH\44325JD01\085	RBS2202 (-48Vdc) – GMSK TX Mode (2.0 GHz to 4.0 GHz)
GPH\44325JD01\086	RBS2202 (-48Vdc) – GMSK TX Mode (4.0 GHz to 6.0 GHz)
GPH\44325JD01\087	RBS2202 (-48Vdc) – GMSK TX Mode (6.0 GHz to 8.0 GHz)
GPH\44325JD01\088	RBS2202 (-48Vdc) – GMSK TX Mode (8.0 GHz to 12.5 GHz)
GPH\44325JD01\089	RBS2202 (-48Vdc) – GMSK TX Mode (12.5 GHz to 18.0 GHz)
GPH\44325JD01\090	RBS2202 (-48Vdc) – GMSK TX Mode (18.0 GHz to 26.5 GHz)
GPH\44325JD01\091	RBS2202 (-48Vdc) – 8PSK TX Mode (18.0 GHz to 26.5 GHz)
GPH\44325JD01\092	RBS2202 (-48Vdc) – 8PSK TX Mode (12.5 GHz to 18.0 GHz)
GPH\44325JD01\093	RBS2202 (-48Vdc) – 8PSK TX Mode (8.0 GHz to 12.5 GHz)
GPH\44325JD01\094	RBS2202 (-48Vdc) – 8PSK TX Mode (6.0 GHz to 8.0 GHz)
GPH\44325JD01\095	RBS2202 (-48Vdc) – 8PSK TX Mode (4.0 GHz to 6.0 GHz)
GPH\44325JD01\096	RBS2202 (-48Vdc) – 8PSK TX Mode (2.0 GHz to 4.0 GHz)
GPH\44325JD01\097	RBS2202 (-48Vdc) – 8PSK TX Mode (1.0 GHz to 2.0 GHz)
GPH\44325JD01\098	RBS2202 (-48Vdc) – 8PSK TX Mode (30.0 MHz to 1.0 GHz)
GPH\44325JD01\111	RBS2102 (208V 60Hz) – GMSK TX Mode (18.0 GHz to 22.0 GHz)
GPH\44325JD01\112	RBS2102 (208V 60Hz) – GMSK TX Mode (12.5 GHz to 18.0 GHz)
GPH\44325JD01\113	RBS2102 (208V 60Hz) – GMSK TX Mode (8.0 GHz to 12.5 GHz)
GPH\44325JD01\114	RBS2102 (208V 60Hz) – GMSK TX Mode (6.0 GHz to 8.0 GHz)

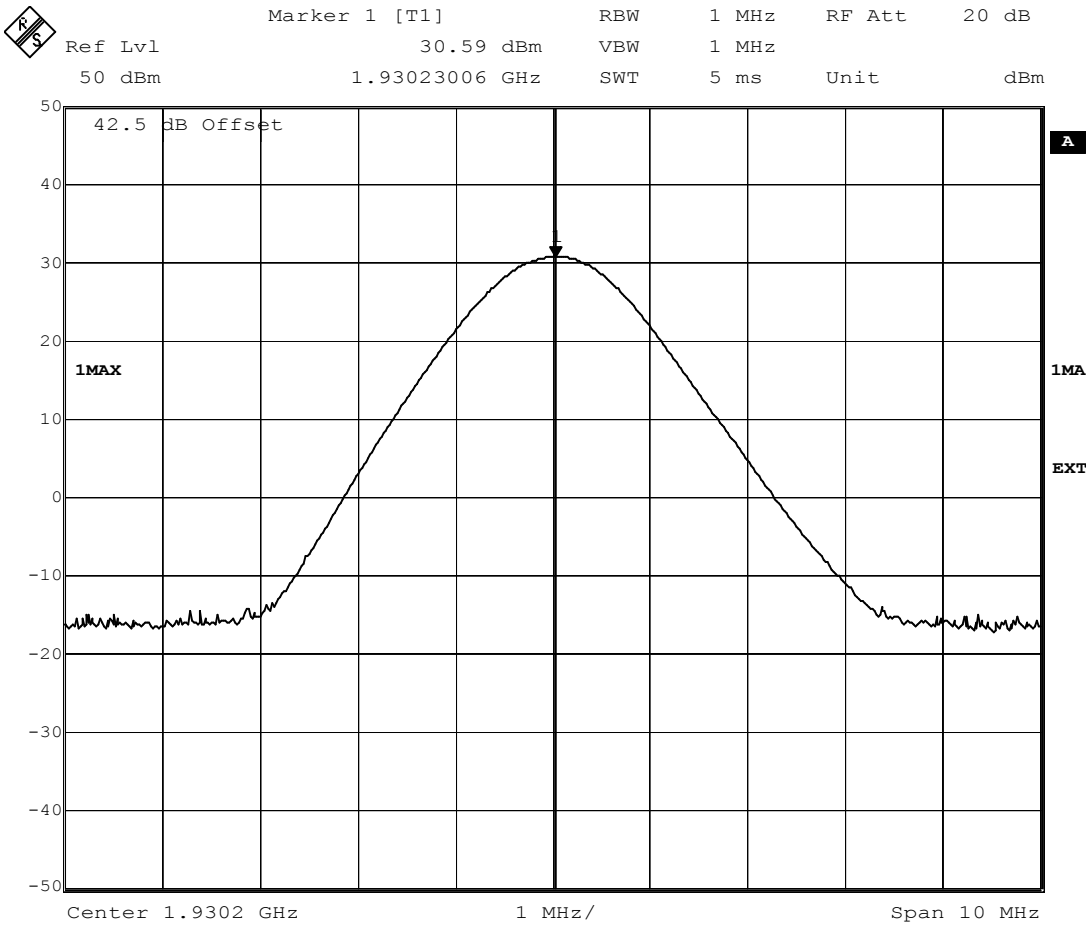
Graphical Test Results (continued)

Graph Reference Number	Title – Radiated Test
GPH\44325JD01\115	RBS2102 (208V 60Hz) – GMSK TX Mode (4.0 GHz to 6.0 GHz)
GPH\44325JD01\116	RBS2102 (208V 60Hz) – GMSK TX Mode (2.0 GHz to 4.0 GHz)
GPH\44325JD01\117	RBS2102 (208V 60Hz) – GMSK TX Mode (1.0 GHz to 2.0 GHz)
GPH\44325JD01\119	RBS2102 (208V 60Hz) – GMSK TX Mode (30.0 MHz to 1.0 GHz)
GPH\44325JD01\120	RBS2102 (208V 60Hz) – 8PSK TX Mode (30.0 MHz to 1.0 GHz)
GPH\44325JD01\121	RBS2102 (208V 60Hz) – 8PSK TX Mode (1.0 GHz to 2.0 GHz)
GPH\44325JD01\122	RBS2102 (208V 60Hz) – 8PSK TX Mode (2.0 GHz to 4.0 GHz)
GPH\44325JD01\123	RBS2102 (208V 60Hz) – 8PSK TX Mode (4.0 GHz to 6.0 GHz)
GPH\44325JD01\124	RBS2102 (208V 60Hz) – 8PSK TX Mode (6.0 GHz to 8.0 GHz)
GPH\44325JD01\125	RBS2102 (208V 60Hz) – 8PSK TX Mode 8.0 GHz to 12.5 GHz)
GPH\44325JD01\126	RBS2102 (208V 60Hz) – 8PSK TX Mode (12.5 GHz to 18.0 GHz)
GPH\44325JD01\127	RBS2102 (208V 60Hz) – 8PSK TX Mode (18.0 GHz to 22.0 GHz)

This page has been left intentionally blank.

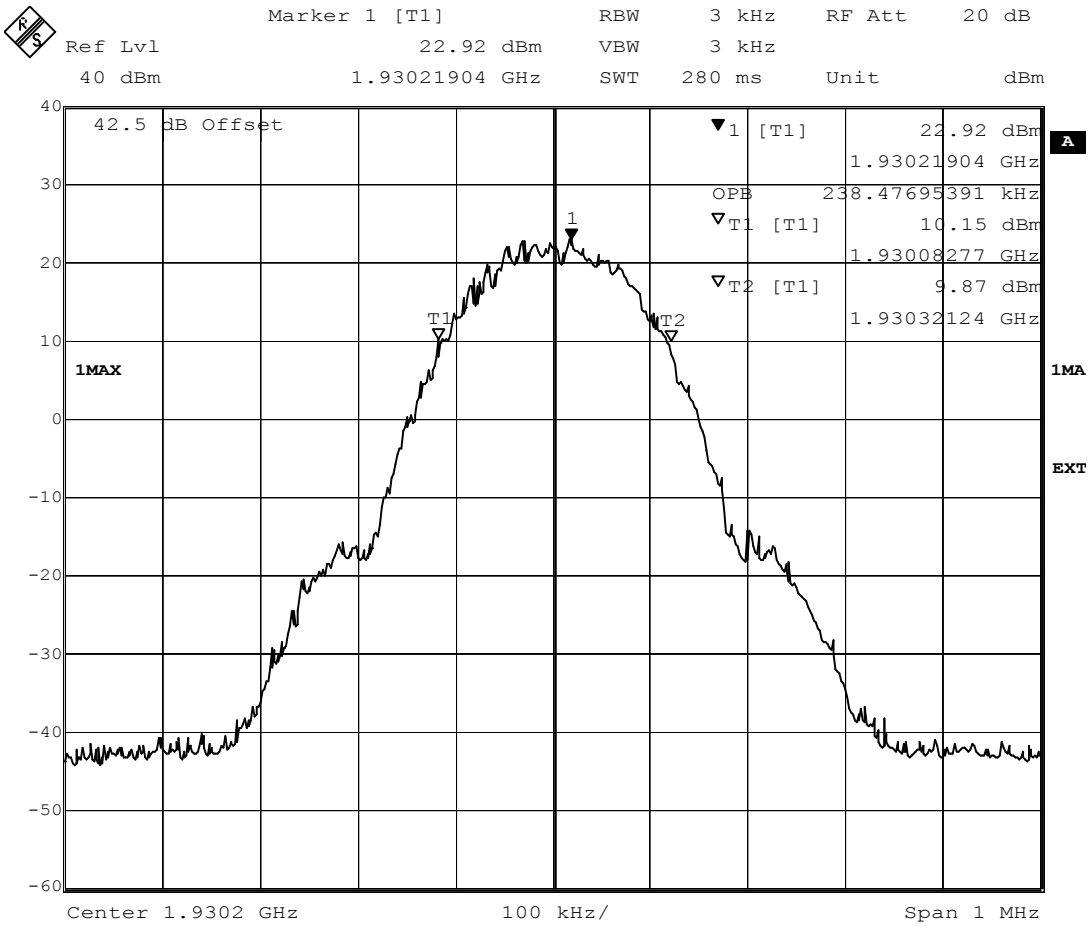
Test Of: Ericsson AB.
KRC131 139/01 sTRU-Edge Transceiver
To: FCC Part 24: 2001

GPH\44324JD01\001
CH512 Reference Power Level 33.0 dBm GMSK - CDUA - sTRU0



Title: Testing for Ericsson AB. RBS 2202. FCC Part 24
Comment A: CH512 OBW Reference Power Level. +33dBm Output Power. GMSK Mode. CDU A Stru0.
Date: 15.JAN.2003 16:28:42

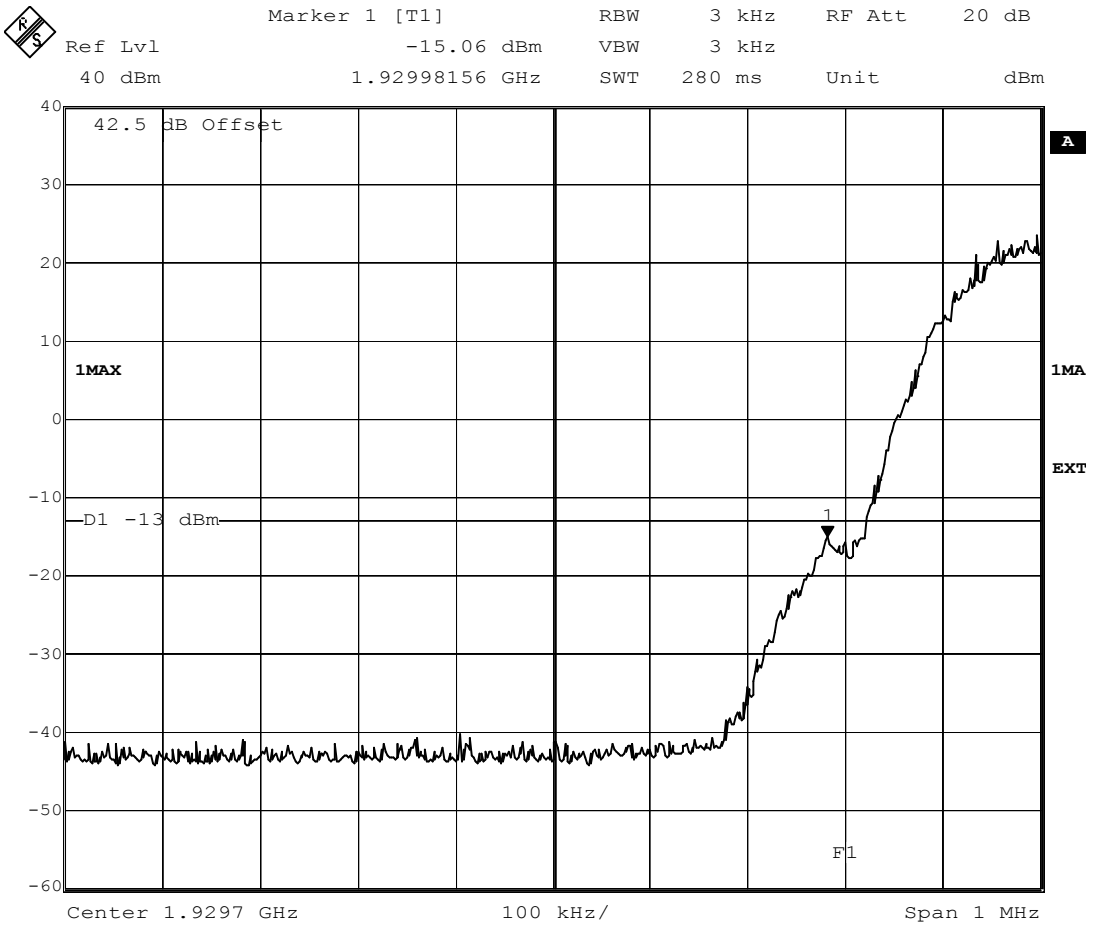
GPH\44324JD01\002
CH512 99% Occupied Power Bandwidth 33.0 dBm GMSK - CDUA - sTRU0



Title: Testing for Ericsson AB. RBS 2202. FCC Part 24
Comment A: CH512 OBW 99% Occupied Power Bandwidth. +33dBm Output Power.
GMSK Mode. CDU A Stru0.
Date: 15.JAN.2003 16:30:00

Test Of: Ericsson AB.
KRC131 139/01 sTRU-Edge Transceiver
To: FCC Part 24: 2001

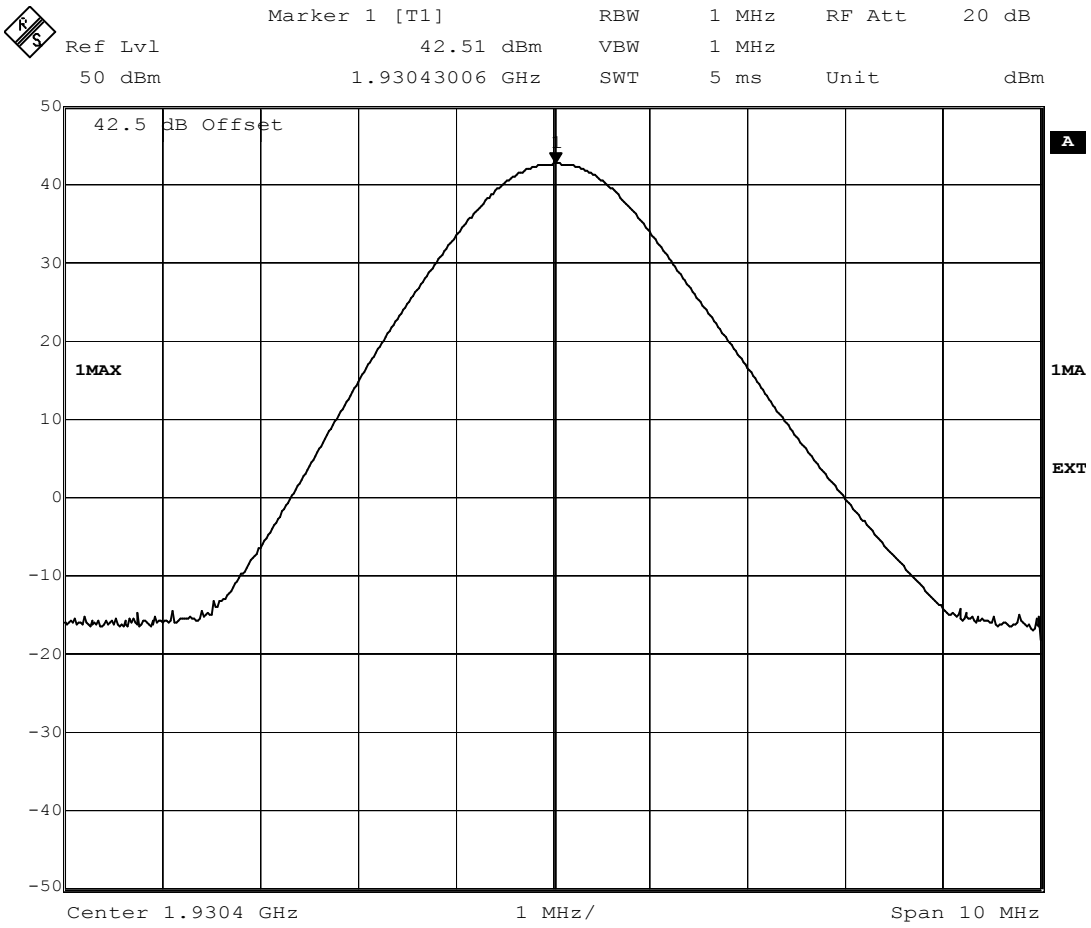
GPH\44324JD01\003
CH512 Band 8PSK 33.0 dBm GMSK - CDUA - sTRU0



Title: Testing for Ericsson AB. RBS 2202. FCC Part 24
Comment A: CH512 OBW Band Edge. +33dBm Output Power. GMSK Mode. CDU A Stru0.
Date: 15.JAN.2003 16:32:27

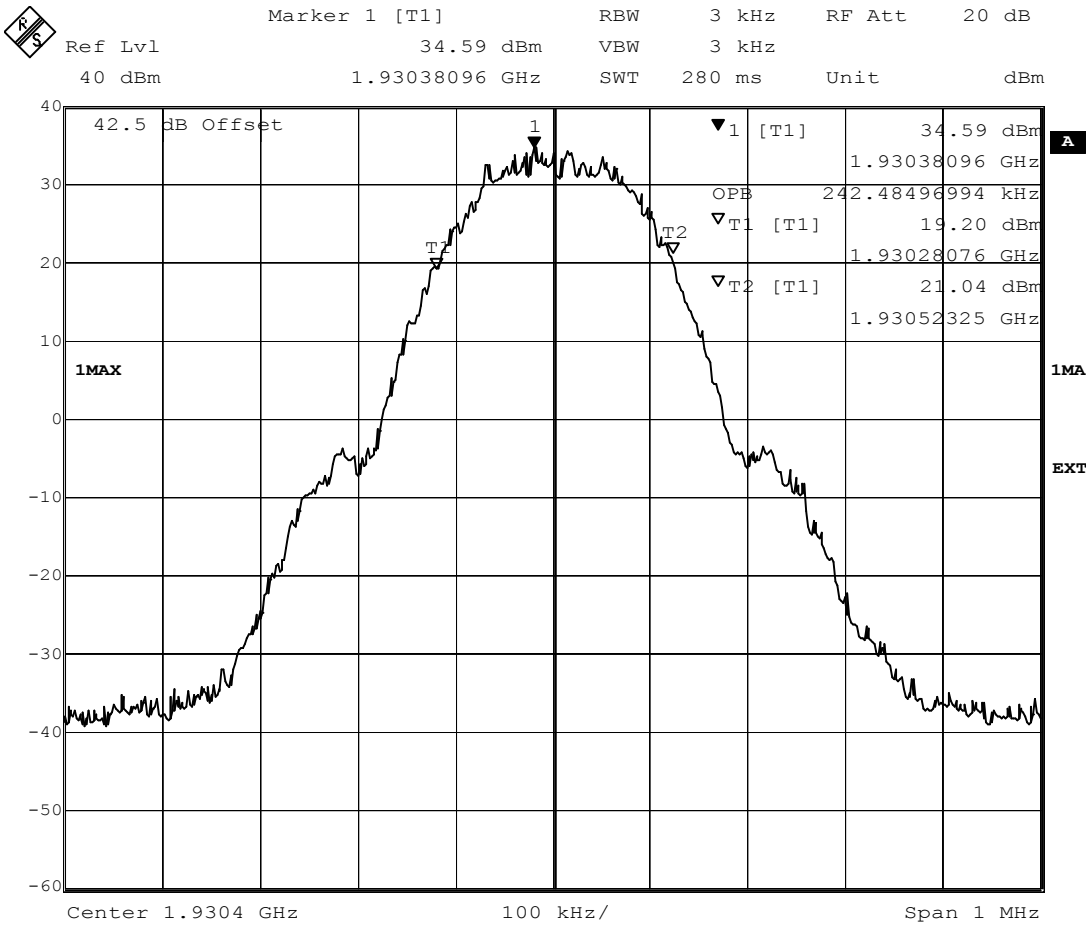
Test Of: **Ericsson AB.**
KRC131 139/01 sTRU-Edge Transceiver
To: **FCC Part 24: 2001**

GPH\44324JD01\004
CH513 Reference Power Level 45.0 dBm GMSK - CDUA - sTRU0



Title: Testing for Ericsson AB. RBS 2202. FCC Part 24
Comment A: CH513 OBW Reference Power Level. +45dBm Output Power. GMSK Mode. CDU A Stru0.
Date: 15.JAN.2003 17:02:30

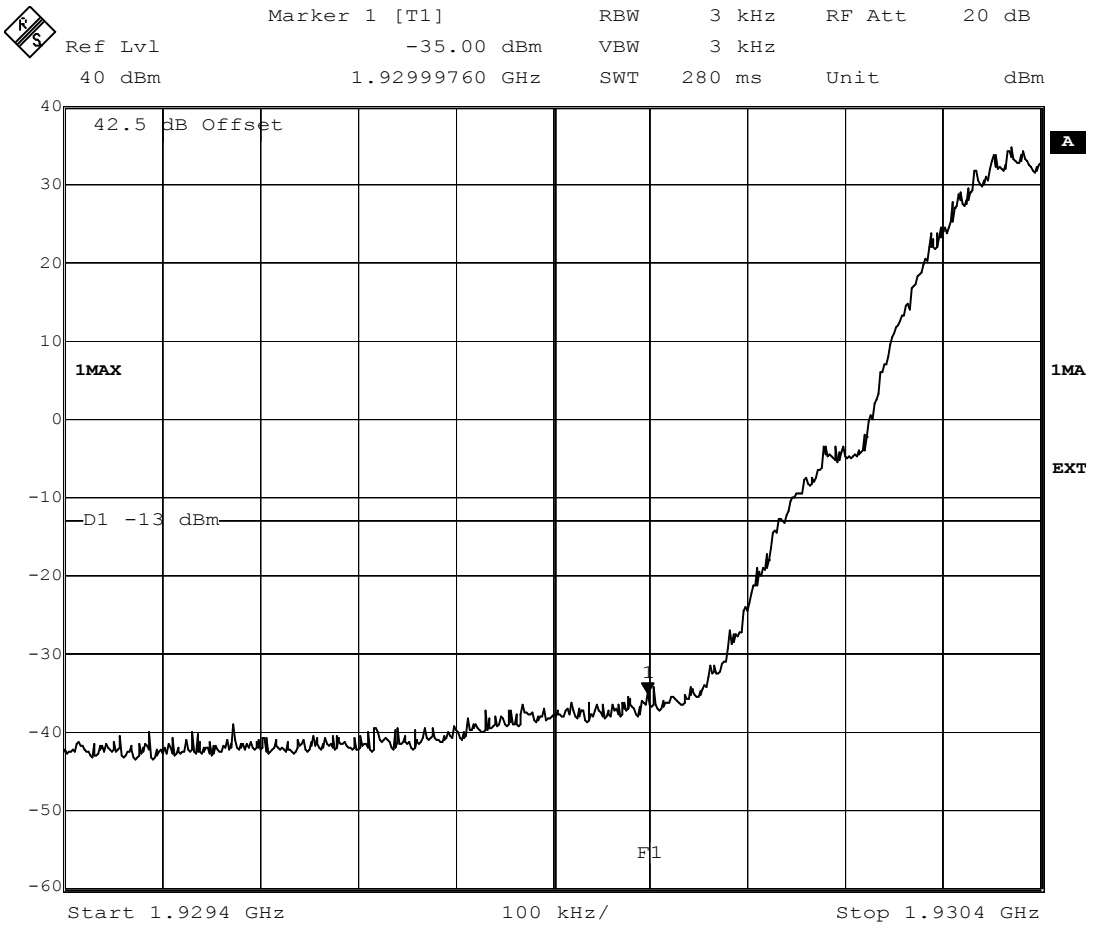
GPH\44324JD01\005
CH513 99% Occupied Power Bandwidth 45.0 dBm GMSK - CDUA - sTRU0



Title: Testing for Ericsson AB. RBS 2202. FCC Part 24
Comment A: CH513 OBW 99% Occupied Power Bandwidth. +45dBm Output Power.
GMSK Mode. CDU A Stru0.
Date: 15.JAN.2003 17:00:54

Test Of: Ericsson AB.
KRC131 139/01 sTRU-Edge Transceiver
To: FCC Part 24: 2001

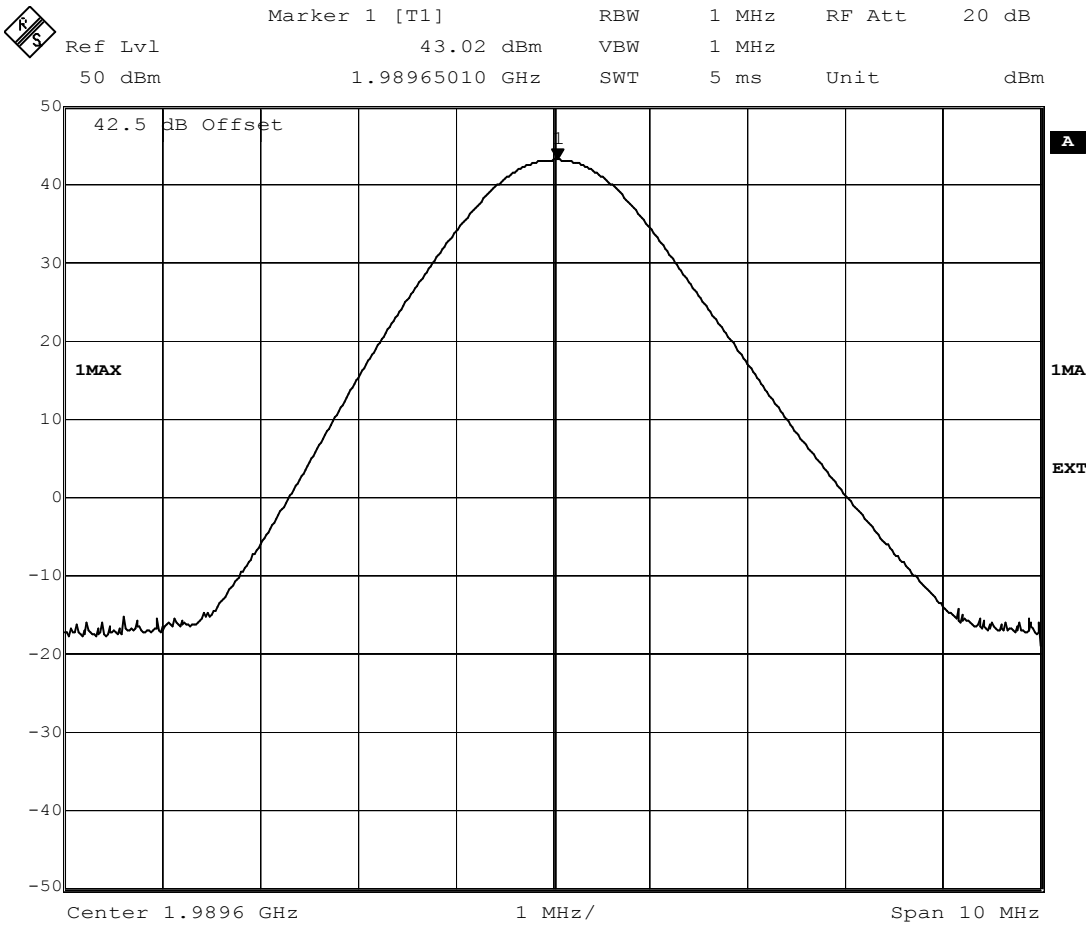
GPH\44324JD01\006
CH513 Band 8PSK 45.0 dBm GMSK - CDUA - sTRU0



Title: Testing for Ericsson AB. RBS 2202. FCC Part 24
Comment A: CH513 OBW Band Edge. +45dBm Output Power. GMSK Mode. CDU A Stru0.
Date: 15.JAN.2003 17:00:02

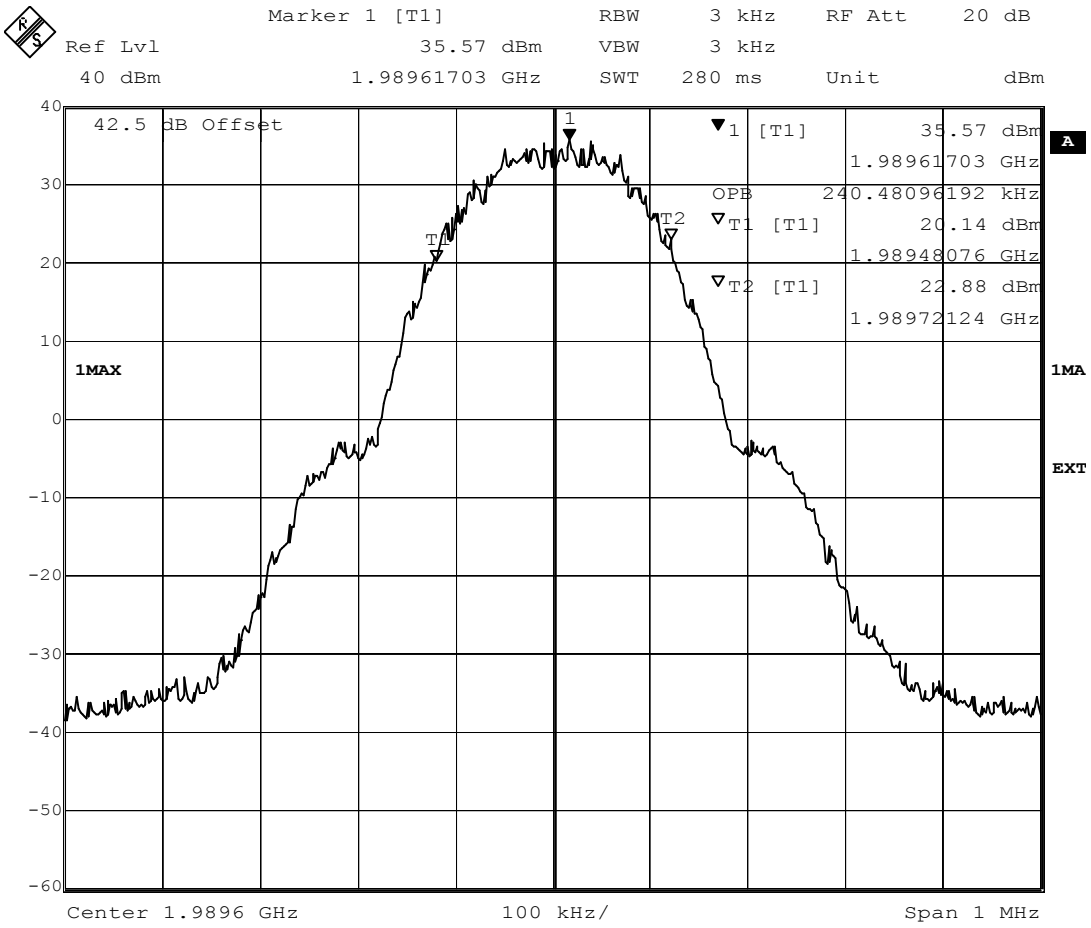
Test Of: **Ericsson AB.**
KRC131 139/01 sTRU-Edge Transceiver
To: **FCC Part 24: 2001**

GPH\44324JD01\007
CH809 Reference Power Level 45.0 dBm GMSK - CDUA - sTRU0



Title: Testing for Ericsson AB. RBS 2202. FCC Part 24
Comment A: CH809 OBW Reference Power Level. +45dBm Output Power. GMSK Mode. CDU A Stru0.
Date: 15.JAN.2003 16:53:28

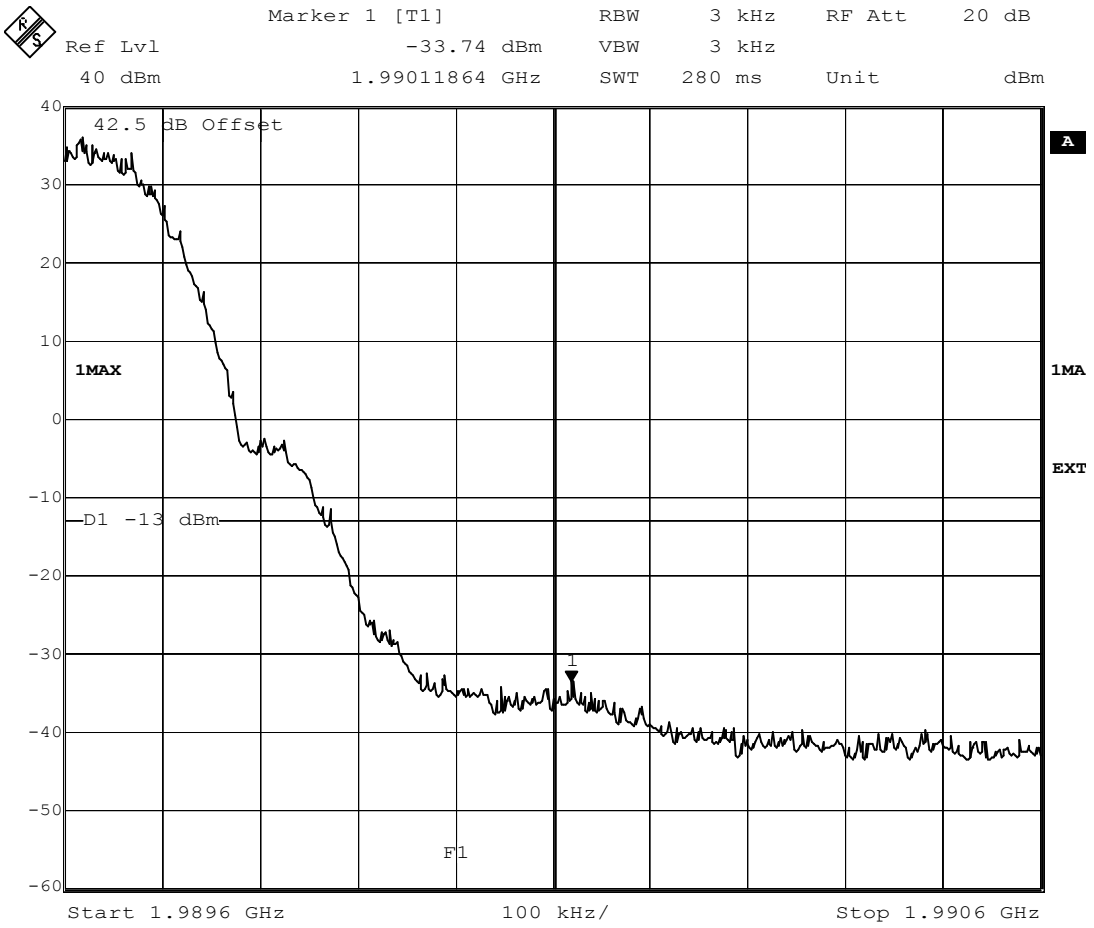
GPH\44324JD01\008
CH809 99% Occupied Power Bandwidth 45.0 dBm GMSK - CDUA - sTRU0



Title: Testing for Ericsson AB. RBS 2202. FCC Part 24
Comment A: CH809 OBW 99% Occupied Power Bandwidth. +45dBm Output Power.
GMSK Mode. CDU A Stru0.
Date: 15.JAN.2003 16:52:24

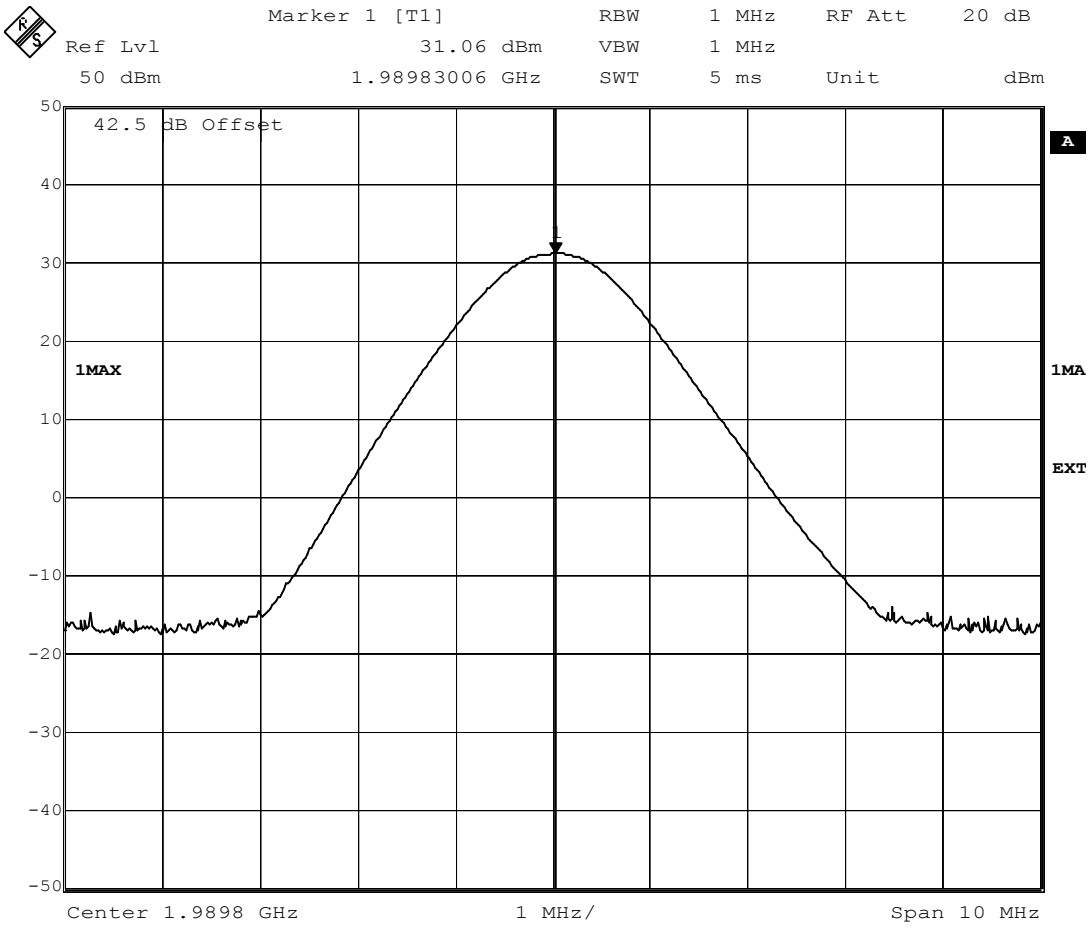
Test Of: Ericsson AB.
KRC131 139/01 sTRU-Edge Transceiver
To: FCC Part 24: 2001

GPH\44324JD01\009
CH809 Band 8PSK 45.0 dBm GMSK - CDUA - sTRU0



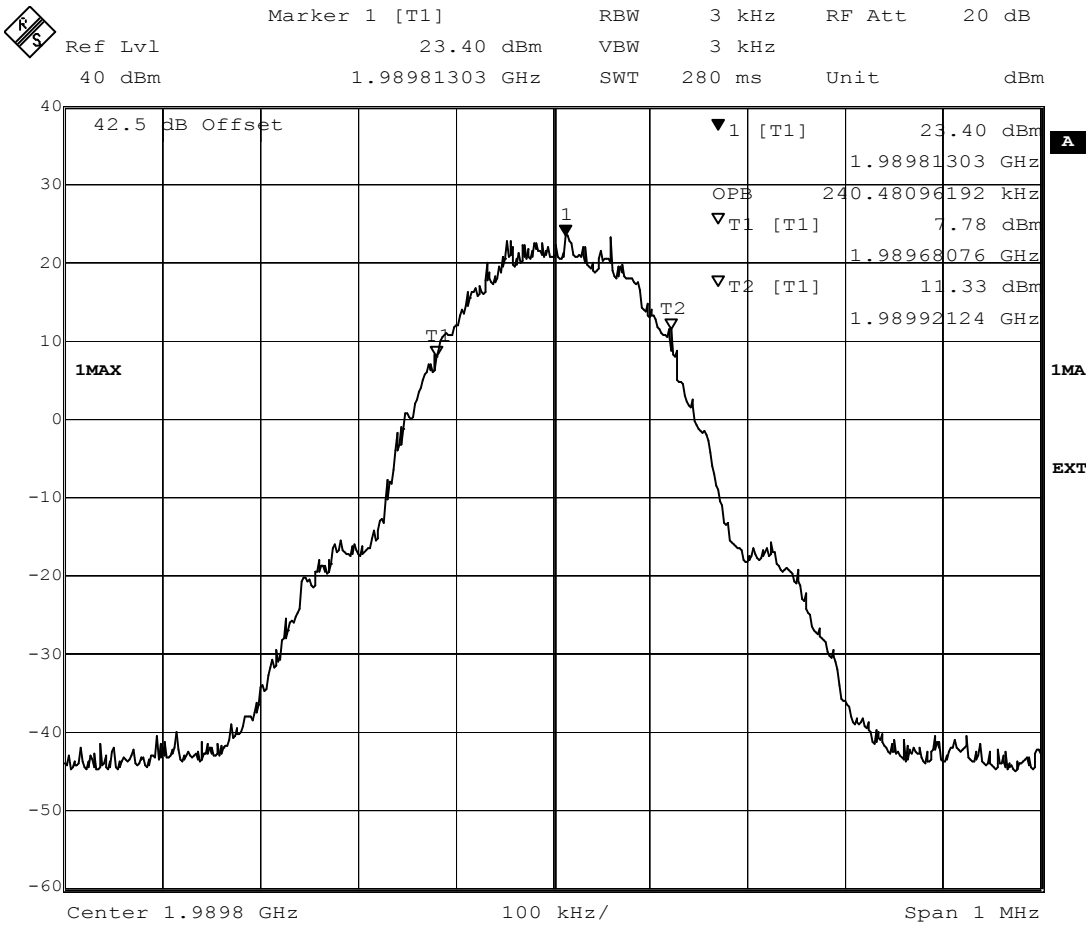
Title: Testing for Ericsson AB. RBS 2202. FCC Part 24
Comment A: CH809 OBW Band Edge. +45dBm Output Power. GMSK Mode. CDU A Stru0.
Date: 15.JAN.2003 16:54:58

GPH\44324JD01\010
CH810 Reference Power Level 33.0 dBm GMSK - CDUA - sTRU0



Title: Testing for Ericsson AB. RBS 2202. FCC Part 24
Comment A: CH810 OBW Reference Power Level. +33dBm Output Power. GMSK Mode. CDU A Stru0.
Date: 15.JAN.2003 16:41:29

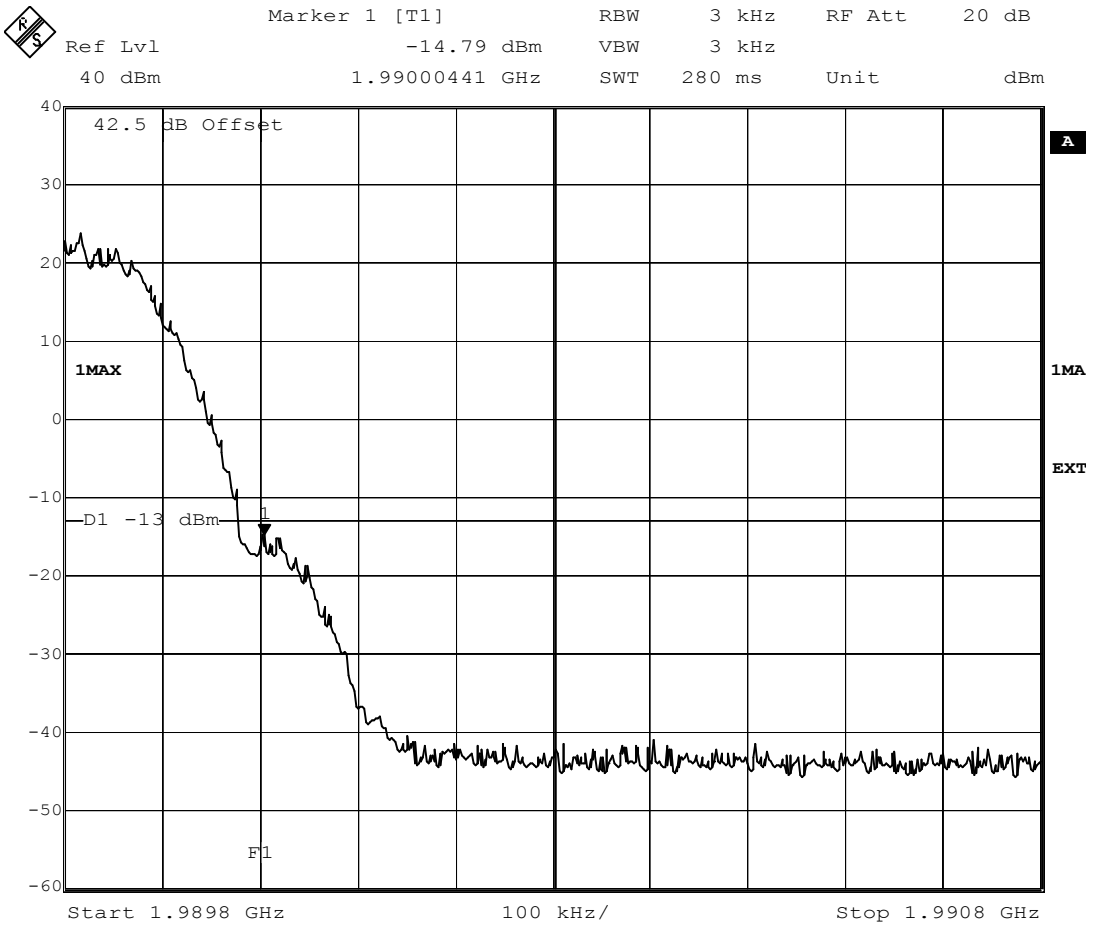
GPH\44324JD01\011
CH810 99% Occupied Power Bandwidth 33.0 dBm GMSK - CDUA - sTRU0



Title: Testing for Ericsson AB. RBS 2202. FCC Part 24
Comment A: CH810 OBW 99% Occupied Power Bandwidth. +33dBm Output Power.
GMSK Mode. CDU A Stru0.
Date: 15.JAN.2003 16:39:46

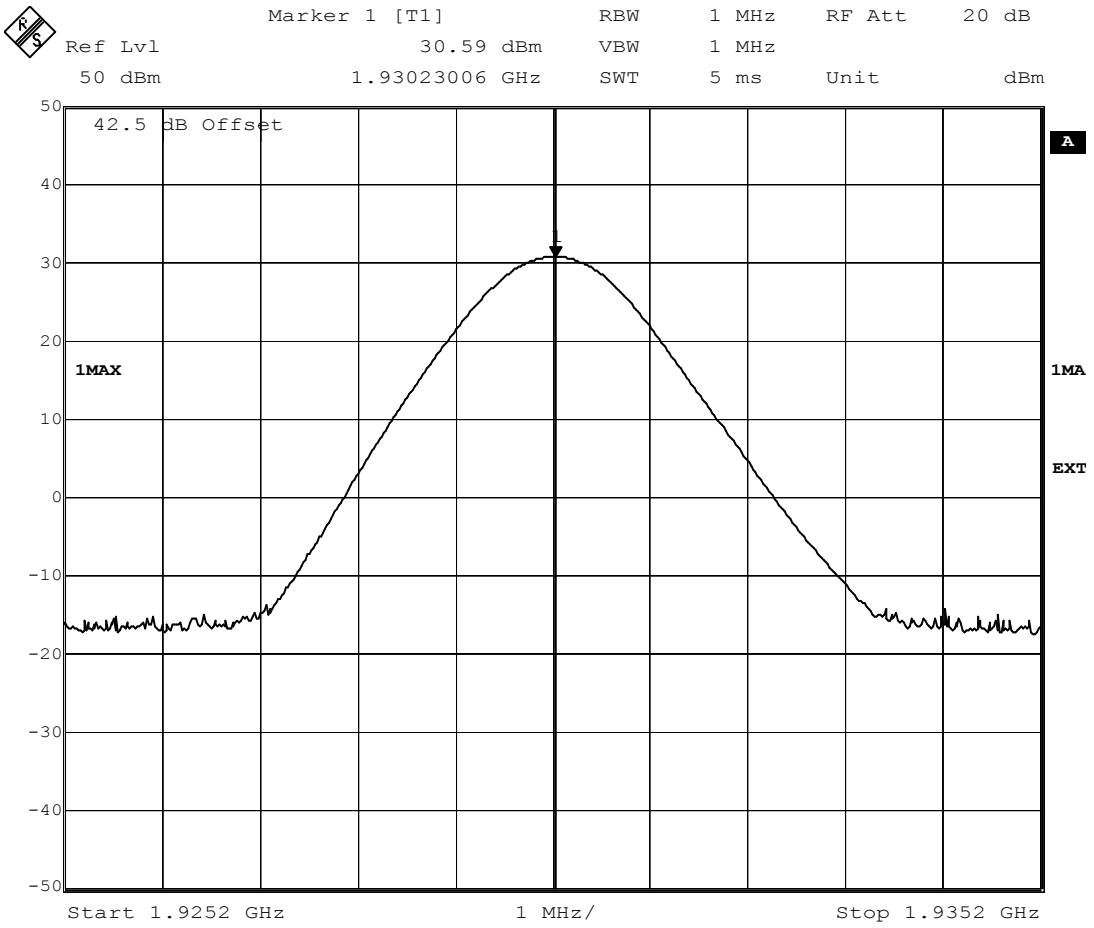
Test Of: Ericsson AB.
KRC131 139/01 sTRU-Edge Transceiver
To: FCC Part 24: 2001

GPH\44324JD01\012
CH810 Band 8PSK 33.0 dBm GMSK - CDUA - sTRU0



Title: Testing for Ericsson AB. RBS 2202. FCC Part 24
Comment A: CH810 OBW Band Edge. +33dBm Output Power. GMSK Mode. CDU A Stru0.
Date: 15.JAN.2003 16:38:46

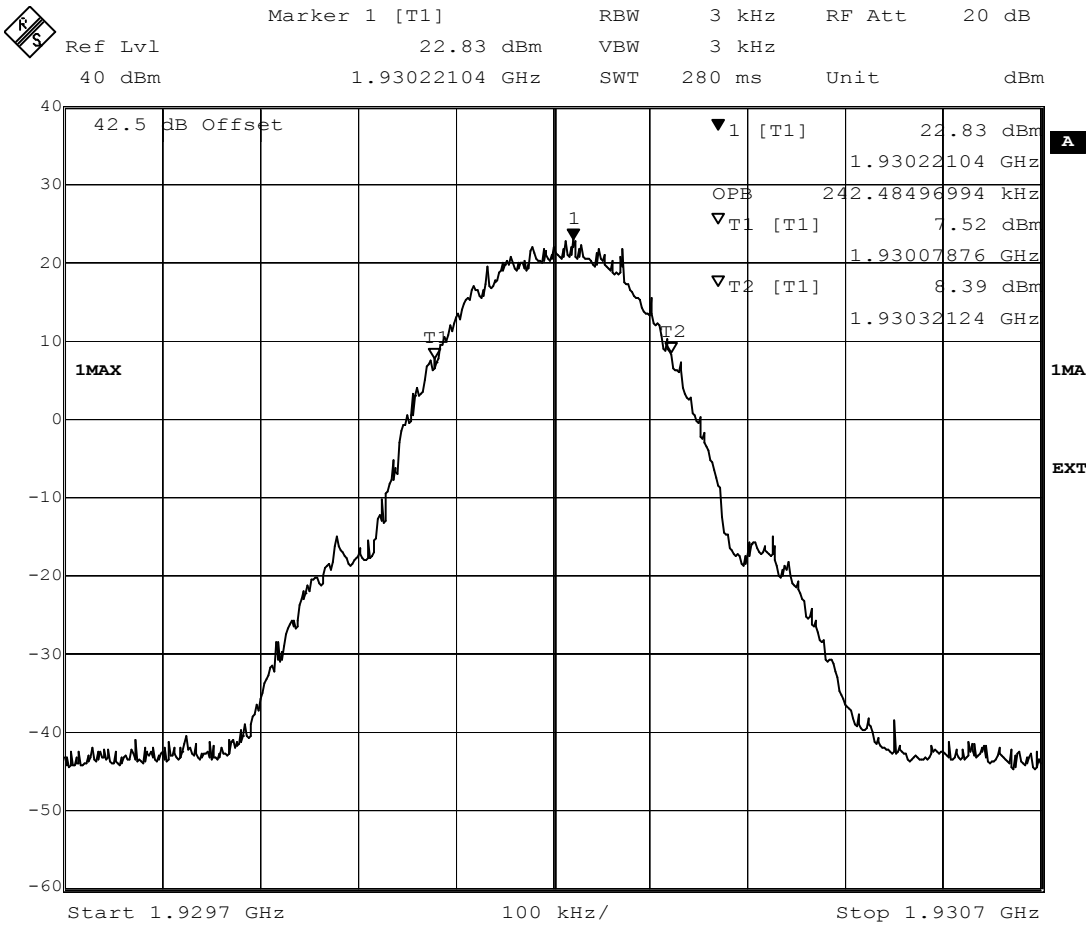
GPH\44324JD01\013
CH512 Reference Power Level 33.0 dBm GMSK - CDUA – sTRU1



Title: Testing for Ericsson AB. RBS 2202. FCC Part 24
Comment A: CH512 OBW Reference Power Level. +33dBm Output Power. GMSK Mode. CDU A Stru1.
Date: 15.JAN.2003 13:36:15

Test Of: Ericsson AB.
KRC131 139/01 sTRU-Edge Transceiver
To: FCC Part 24: 2001

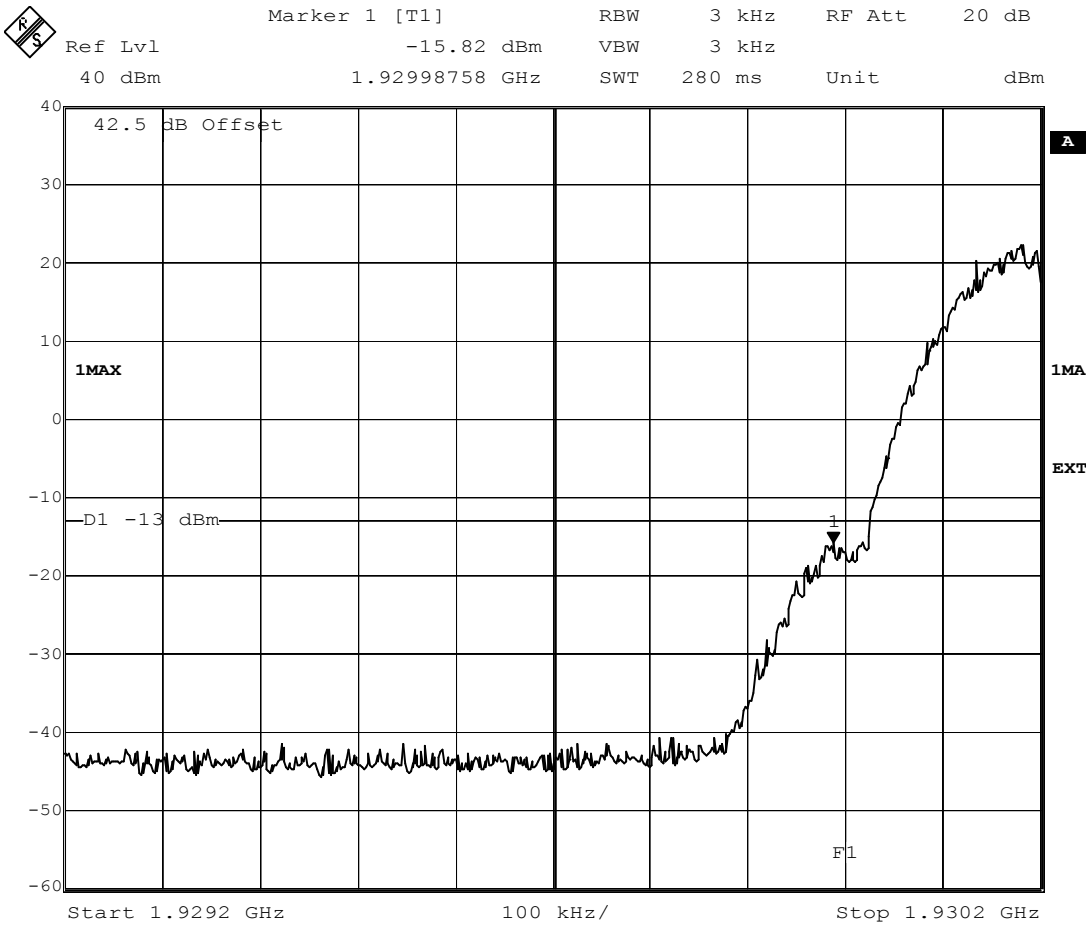
GPH\44324JD01\014
CH512 99% Occupied Power Bandwidth 33.0 dBm GMSK - CDUA – sTRU1



Title: Testing for Ericsson AB. RBS 2202. FCC Part 24
Comment A: CH512 OBW 99% Occupied Power Bandwidth. +33dBm Output Power.
GMSK Mode. CDU A Stru1.
Date: 15.JAN.2003 13:33:10

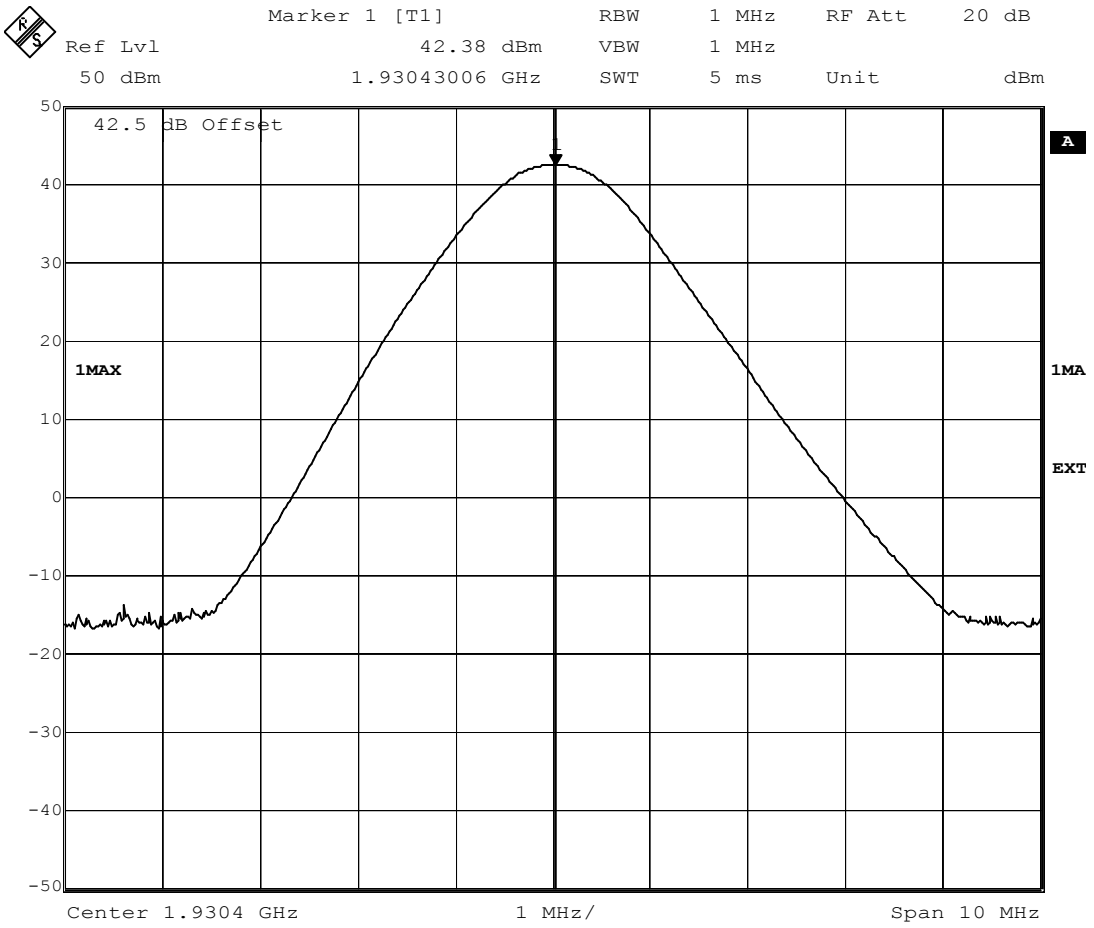
Test Of: Ericsson AB.
KRC131 139/01 sTRU-Edge Transceiver
To: FCC Part 24: 2001

GPH\44324JD01\015
CH512 Band 8PSK 33.0 dBm GMSK - CDUA – sTRU1



Title: Testing for Ericsson AB. RBS 2202. FCC Part 24
Comment A: CH512 OBW Band Edge. +33dBm Output Power. GMSK Mode. CDU A Stru1.
Date: 15.JAN.2003 13:32:17

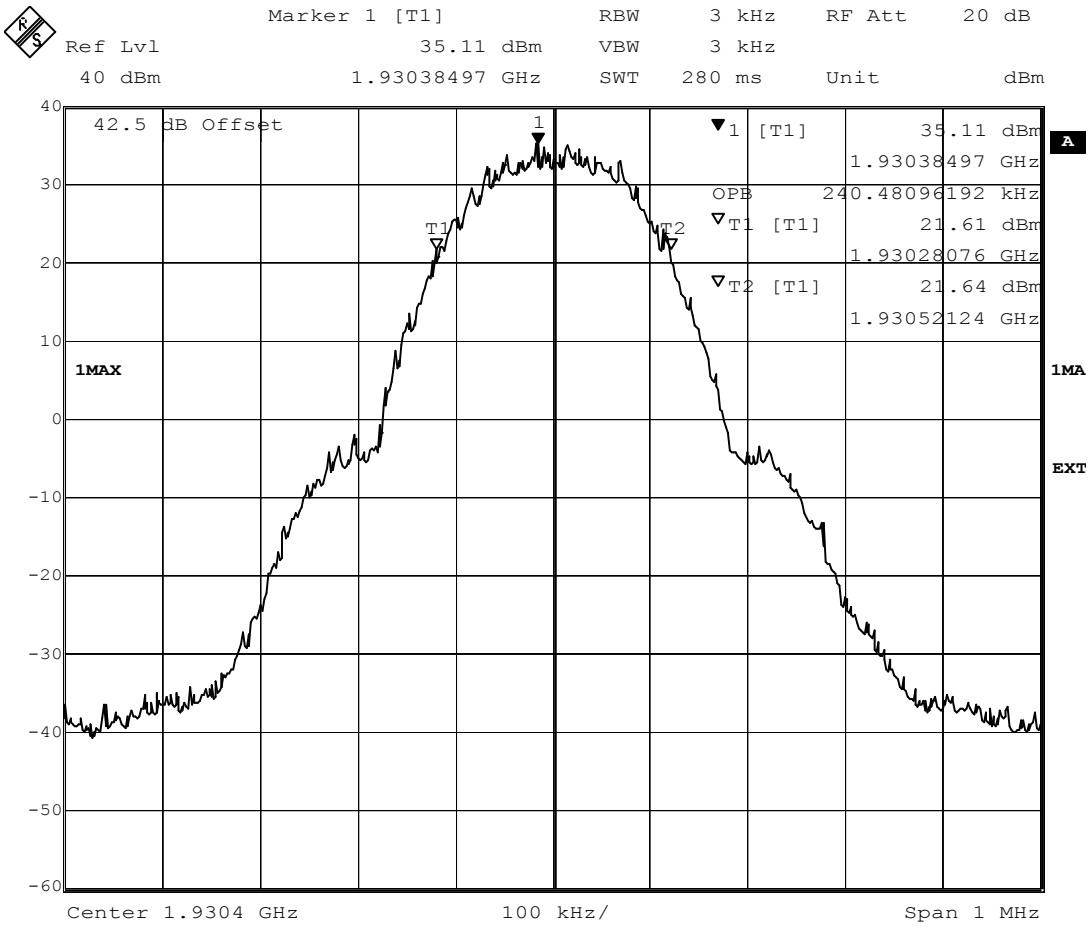
GPH\44324JD01\016
CH513 Reference Power Level 45.0 dBm GMSK - CDUA – sTRU1



Title: Testing for Ericsson AB. RBS 2202. FCC Part 24
Comment A: CH513 OBW Reference Power Level. +45dBm Output Power. GMSK Mode. CDU A Stru1.
Date: 15.JAN.2003 13:24:05

Test Of: Ericsson AB.
KRC131 139/01 sTRU-Edge Transceiver
To: FCC Part 24: 2001

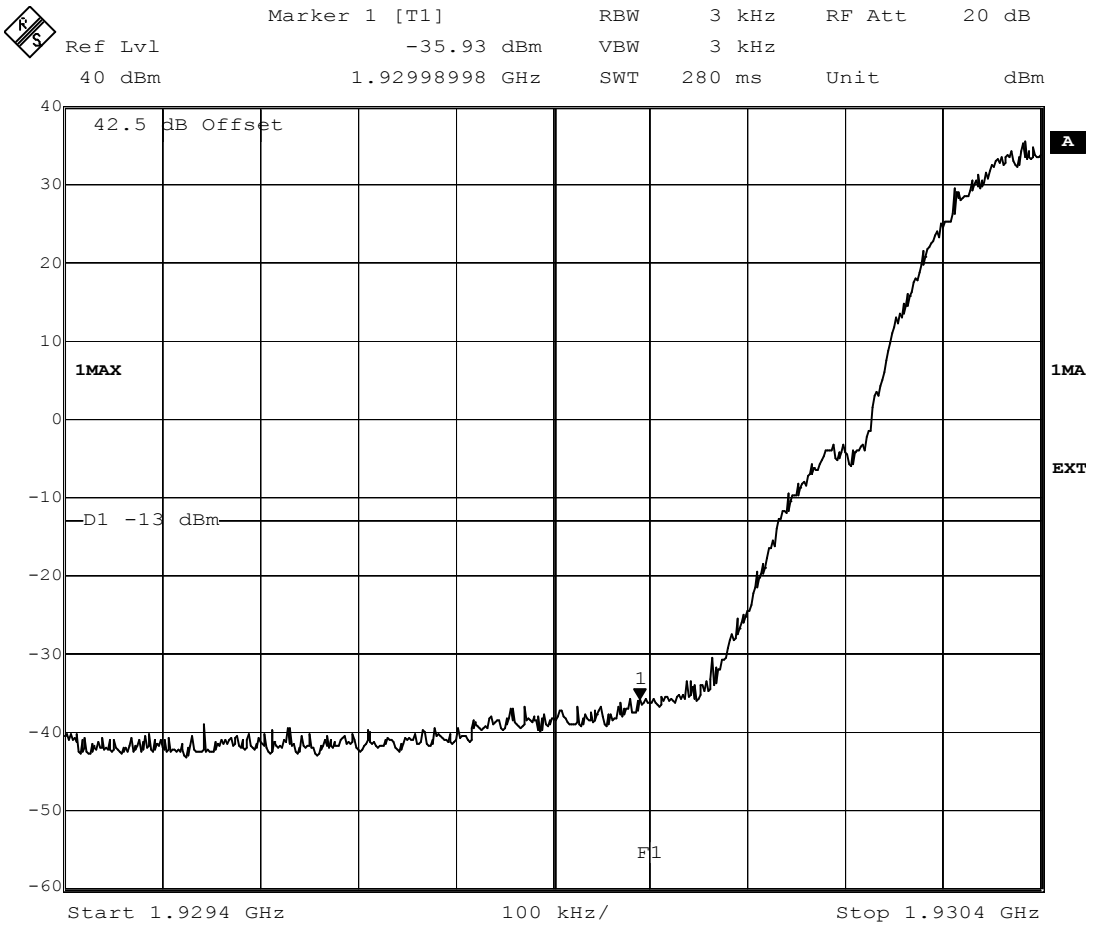
GPH\44324JD01\017
CH513 99% Occupied Power Bandwidth 45.0 dBm GMSK - CDUA – sTRU1



Title: Testing for Ericsson AB. RBS 2202. FCC Part 24
Comment A: CH513 OBW 99% Occupied Power Bandwidth. +45dBm Output Power.
GMSK Mode. CDU A Stru1.
Date: 15.JAN.2003 13:25:03

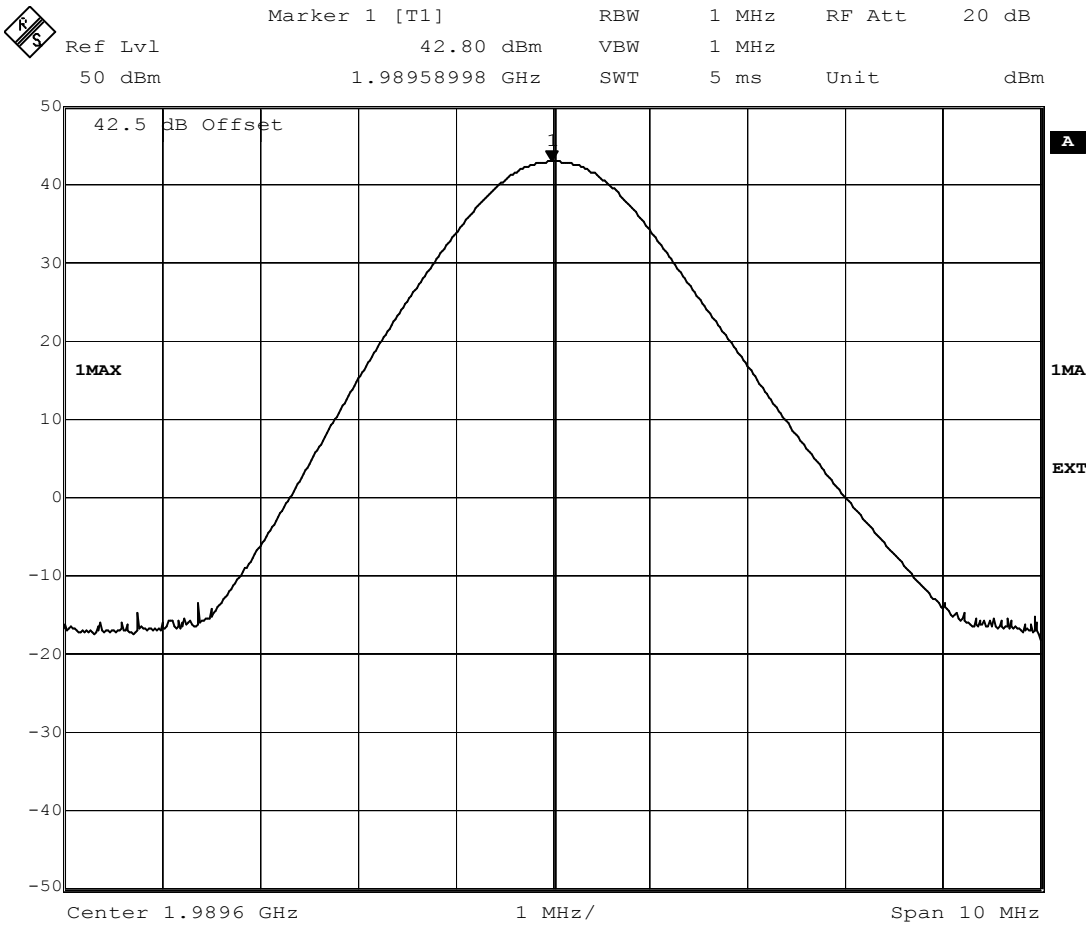
Test Of: Ericsson AB.
KRC131 139/01 sTRU-Edge Transceiver
To: FCC Part 24: 2001

GPH\44324JD01\018
CH513 Band 8PSK 45.0 dBm GMSK - CDUA – sTRU1



Title: Testing for Ericsson AB. RBS 2202. FCC Part 24
Comment A: CH513 OBW Band Edge. +45dBm Output Power. GMSK Mode. CDU A Stru1.
Date: 15.JAN.2003 13:27:16

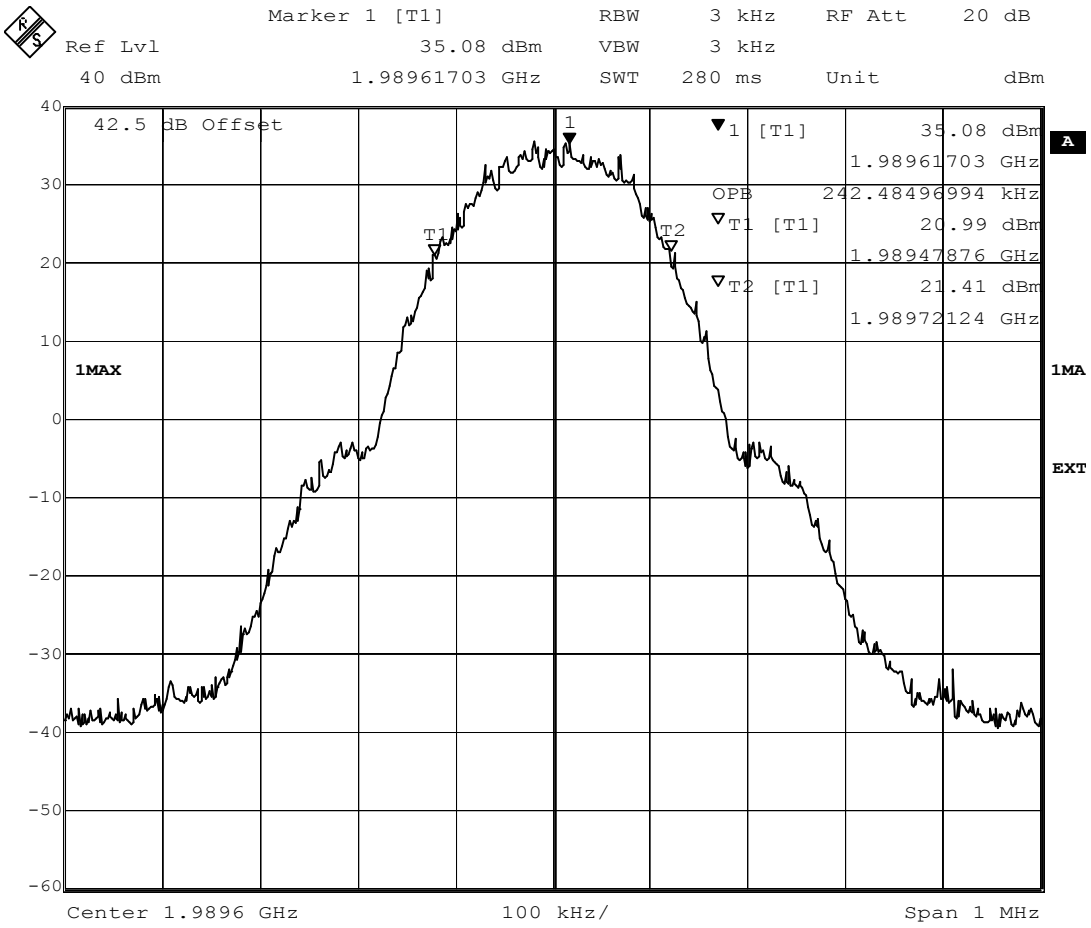
GPH\44324JD01\019
CH809 Reference Power Level 45.0 dBm GMSK - CDUA – sTRU1



Title: Testing for Ericsson AB. RBS 2202. FCC Part 24
Comment A: CH809 OBW Reference Power Level. +45dBm Output Power. GMSK Mode. CDU A Stru1.
Date: 15.JAN.2003 13:51:35

Test Of: Ericsson AB.
KRC131 139/01 sTRU-Edge Transceiver
To: FCC Part 24: 2001

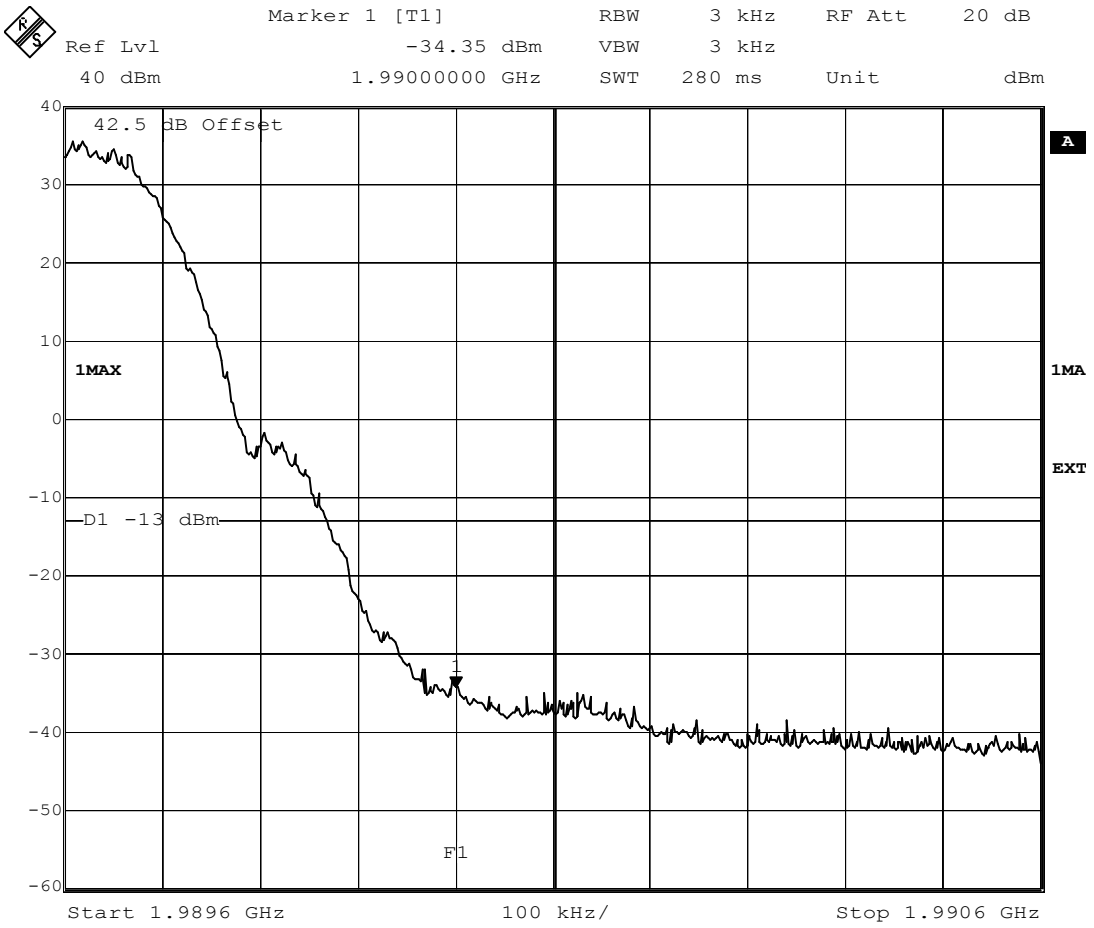
GPH\44324JD01\020
CH809 99% Occupied Power Bandwidth 45.0 dBm GMSK - CDUA – sTRU1



Title: Testing for Ericsson AB. RBS 2202. FCC Part 24
Comment A: CH809 OBW 99% Occupied Power Bandwidth. +45dBm Output Power.
GMSK Mode. CDU A Stru1.
Date: 15.JAN.2003 13:50:21

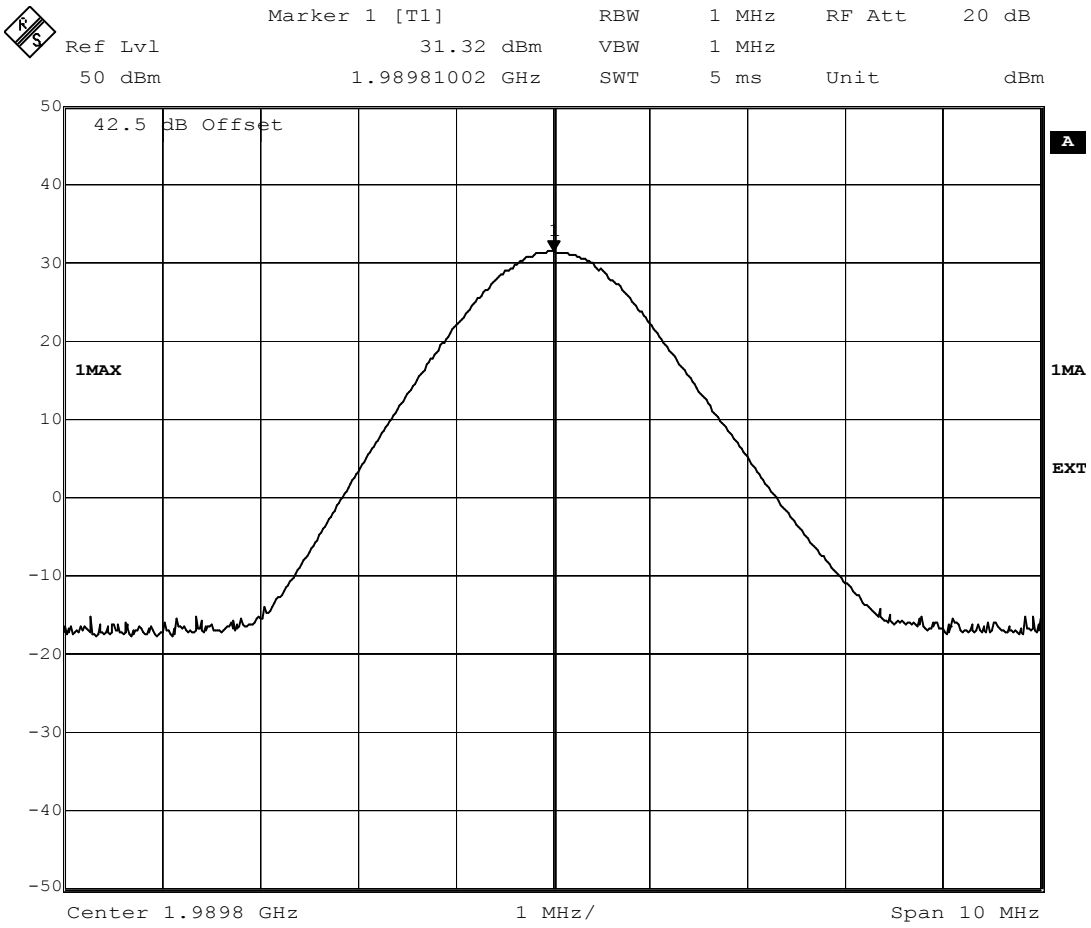
Test Of: Ericsson AB.
KRC131 139/01 sTRU-Edge Transceiver
To: FCC Part 24: 2001

GPH\44324JD01\021
CH809 Band 8PSK 45.0 dBm GMSK - CDUA – sTRU1



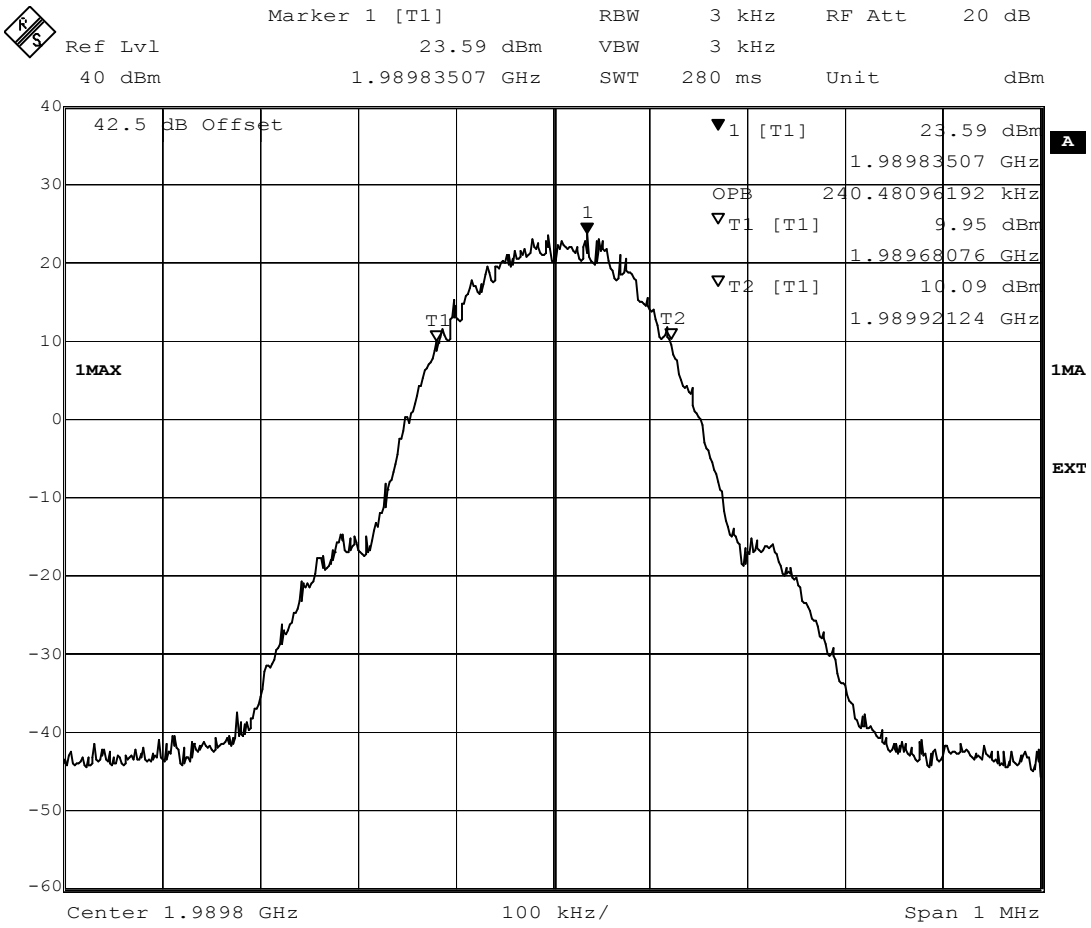
Title: Testing for Ericsson AB. RBS 2202. FCC Part 24
Comment A: CH809 OBW Band Edge. +45dBm Output Power. GMSK Mode. CDU A Stru1.
Date: 15.JAN.2003 13:49:20

GPH\44324JD01\022
CH810 Reference Power Level 33.0 dBm GMSK - CDUA – sTRU1



Title: Testing for Ericsson AB. RBS 2202. FCC Part 24
Comment A: CH810 OBW Reference Power Level. +33dBm Output Power. GMSK Mode. CDU A Stru1.
Date: 15.JAN.2003 13:40:14

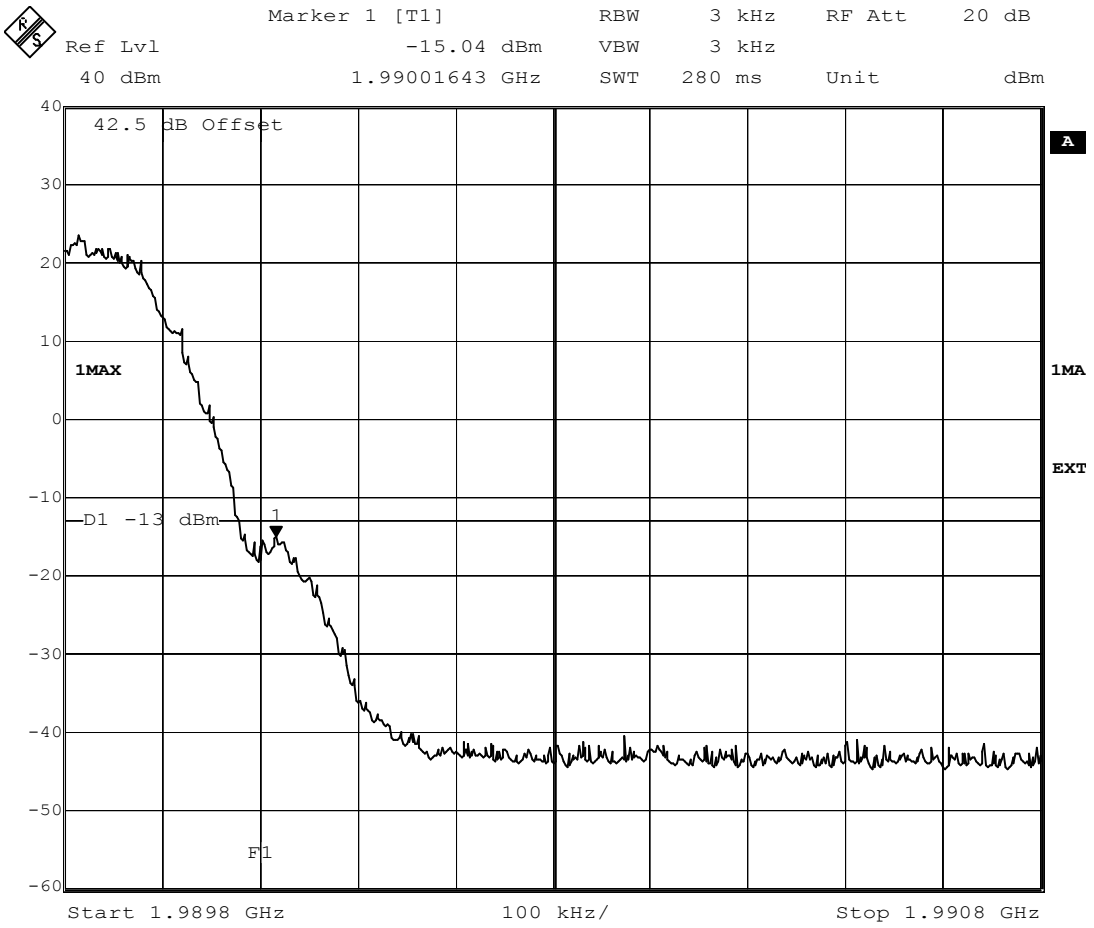
GPH\44324JD01\023
CH810 99% Occupied Power Bandwidth 33.0 dBm GMSK - CDUA – sTRU1



Title: Testing for Ericsson AB. RBS 2202. FCC Part 24
Comment A: CH810 OBW 99% Occupied Power Bandwidth. +33dBm Output Power.
GMSK Mode. CDU A Stru1.
Date: 15.JAN.2003 13:41:21

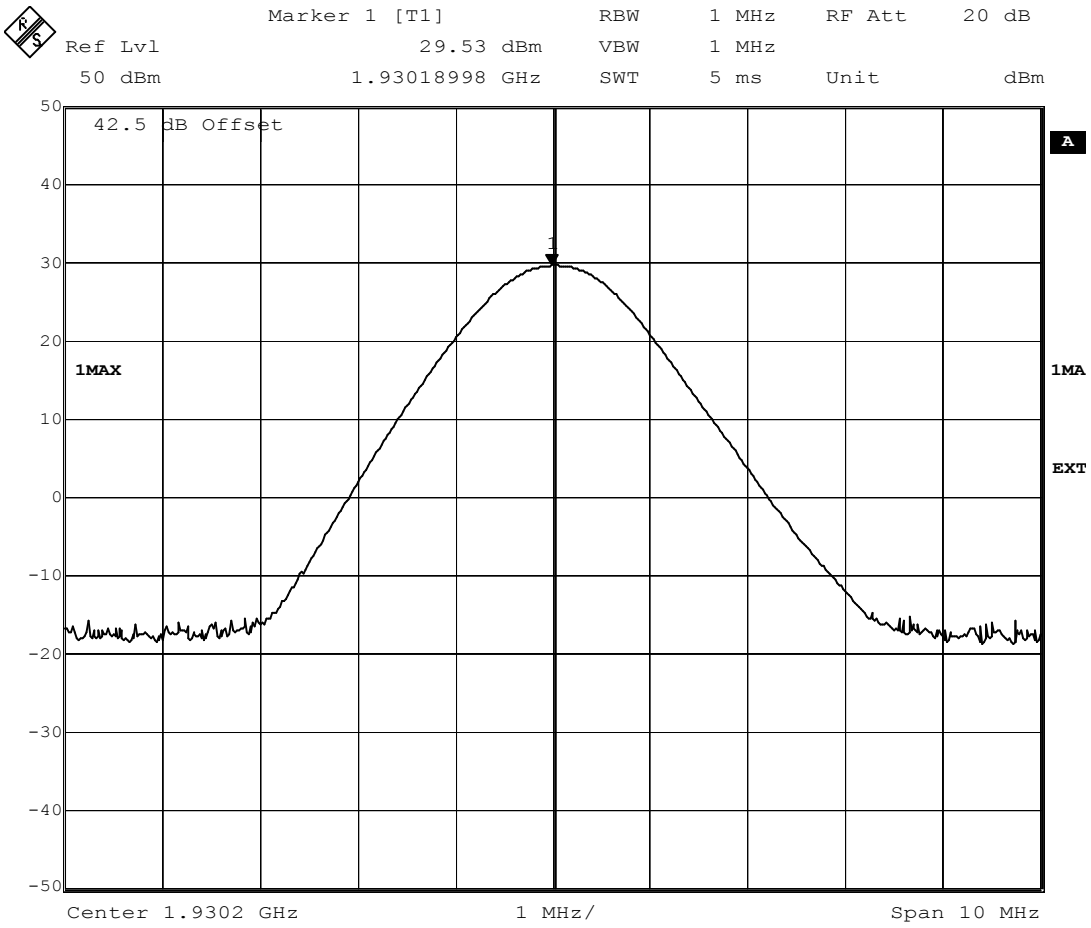
Test Of: Ericsson AB.
KRC131 139/01 sTRU-Edge Transceiver
To: FCC Part 24: 2001

GPH\44324JD01\024
CH810 Band 8PSK 33.0 dBm GMSK - CDUA – sTRU1



Title: Testing for Ericsson AB. RBS 2202. FCC Part 24
Comment A: CH810 OBW Band Edge. +33dBm Output Power. GMSK Mode. CDU A Stru1.
Date: 15.JAN.2003 13:43:33

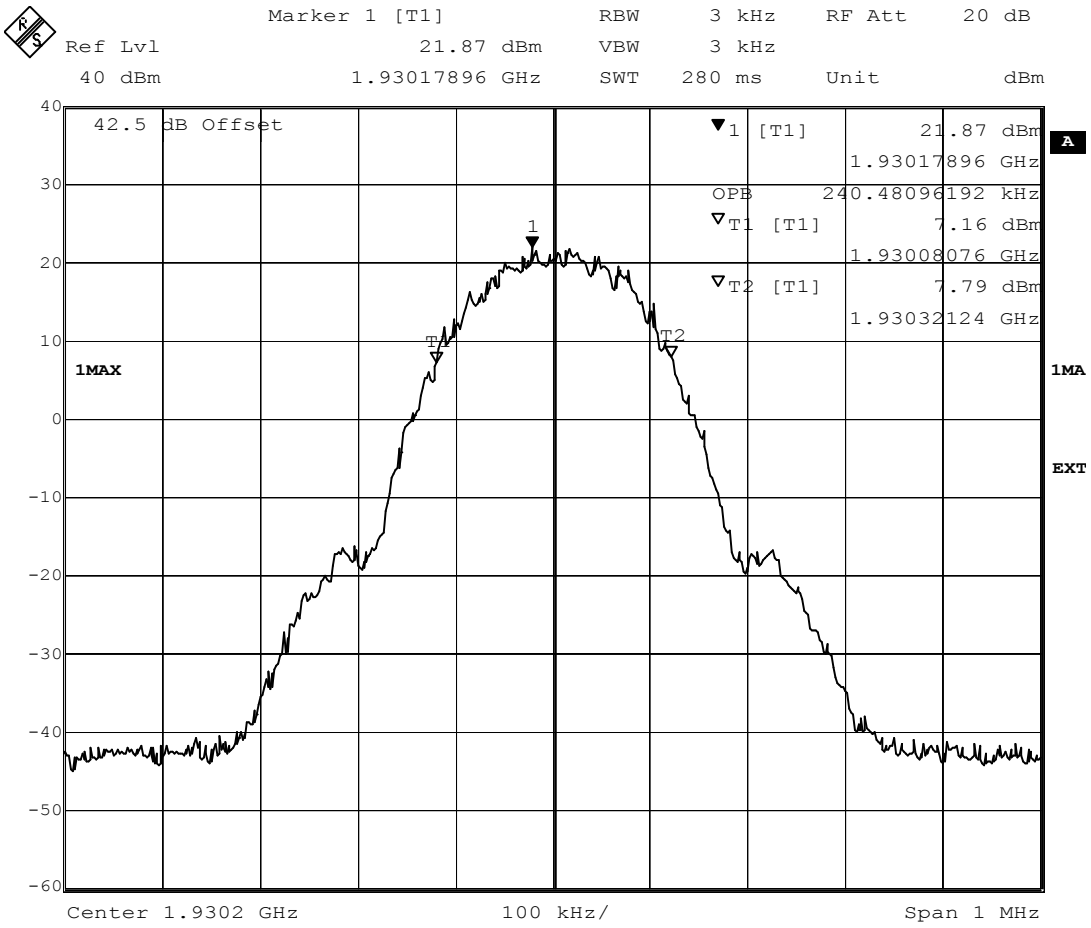
GPH\44324JD01\025
CH512 Reference Power Level 35.0 dBm GMSK – CDUC+ - sTRU2



Title: Testing for Ericsson AB. RBS 2202. FCC Part 24
Comment A: CH512 OBW Reference Power Level. +35dBm Output Power. GMSK Mode. CDU C+ Stru2.
Date: 15.JAN.2003 14:54:39

Test Of: Ericsson AB.
KRC131 139/01 sTRU-Edge Transceiver
To: FCC Part 24: 2001

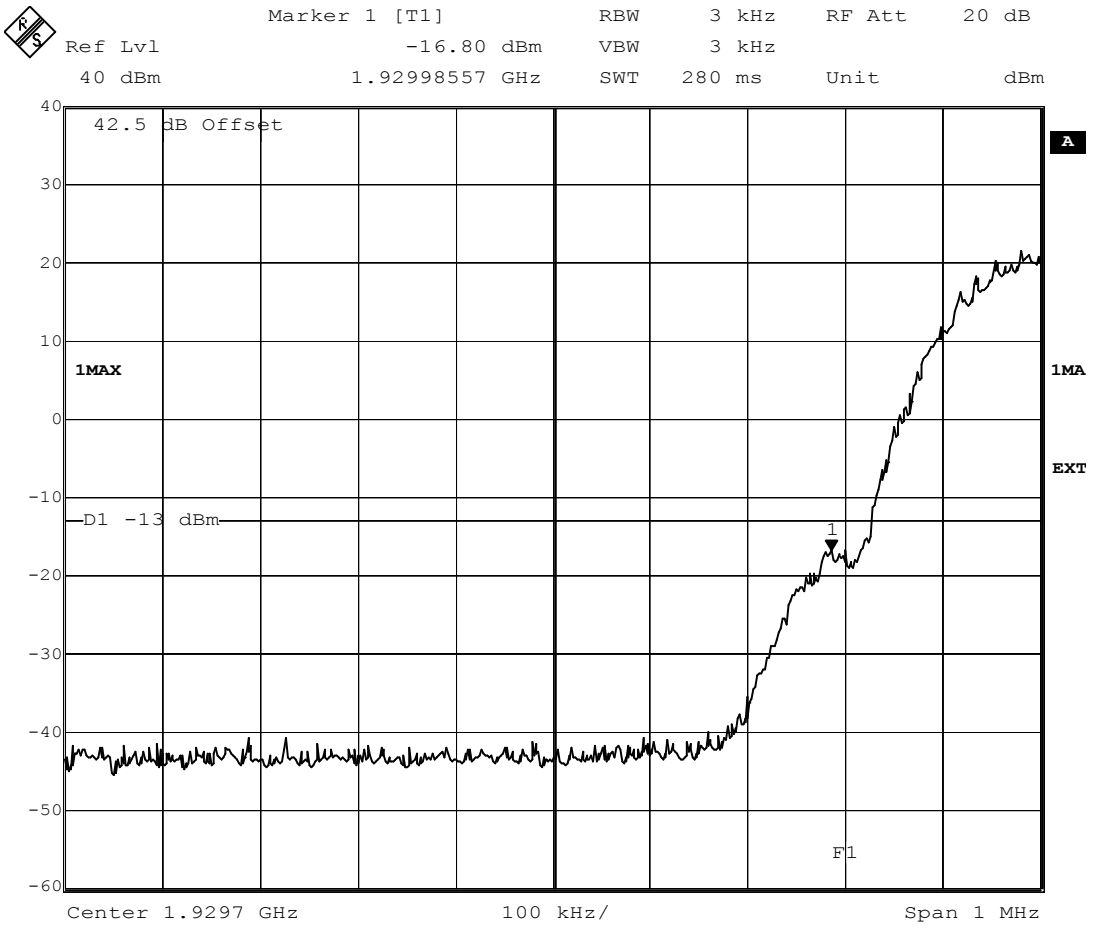
GPH\44324JD01\026
CH512 99% Occupied Power Bandwidth 35.0 dBm GMSK - CDUC+ - sTRU2



Title: Testing for Ericsson AB. RBS 2202. FCC Part 24
Comment A: CH512 OBW 99% Occupied Power Bandwidth. +35dBm Output Power.
GMSK Mode. CDU C+ Stru2.
Date: 15.JAN.2003 14:53:02

Test Of: Ericsson AB.
KRC131 139/01 sTRU-Edge Transceiver
To: FCC Part 24: 2001

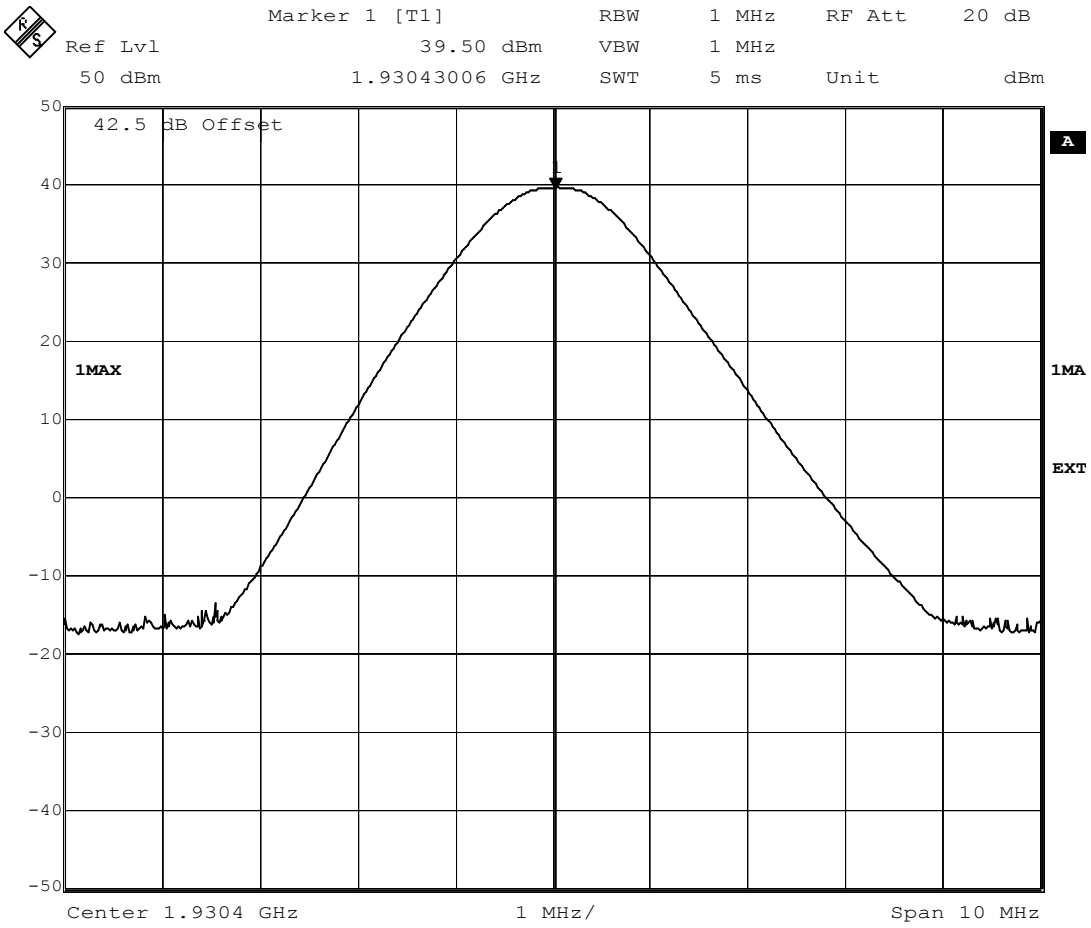
GPH\44324JD01\027
CH512 Band 8PSK 35.0 dBm GMSK - CDUC+ - sTRU2



Title: Testing for Ericsson AB. RBS 2202. FCC Part 24
Comment A: CH512 OBW Band Edge. +35dBm Output Power. GMSK Mode. CDU C+ Stru2.
Date: 15.JAN.2003 14:52:02

Test Of: Ericsson AB.
KRC131 139/01 sTRU-Edge Transceiver
To: FCC Part 24: 2001

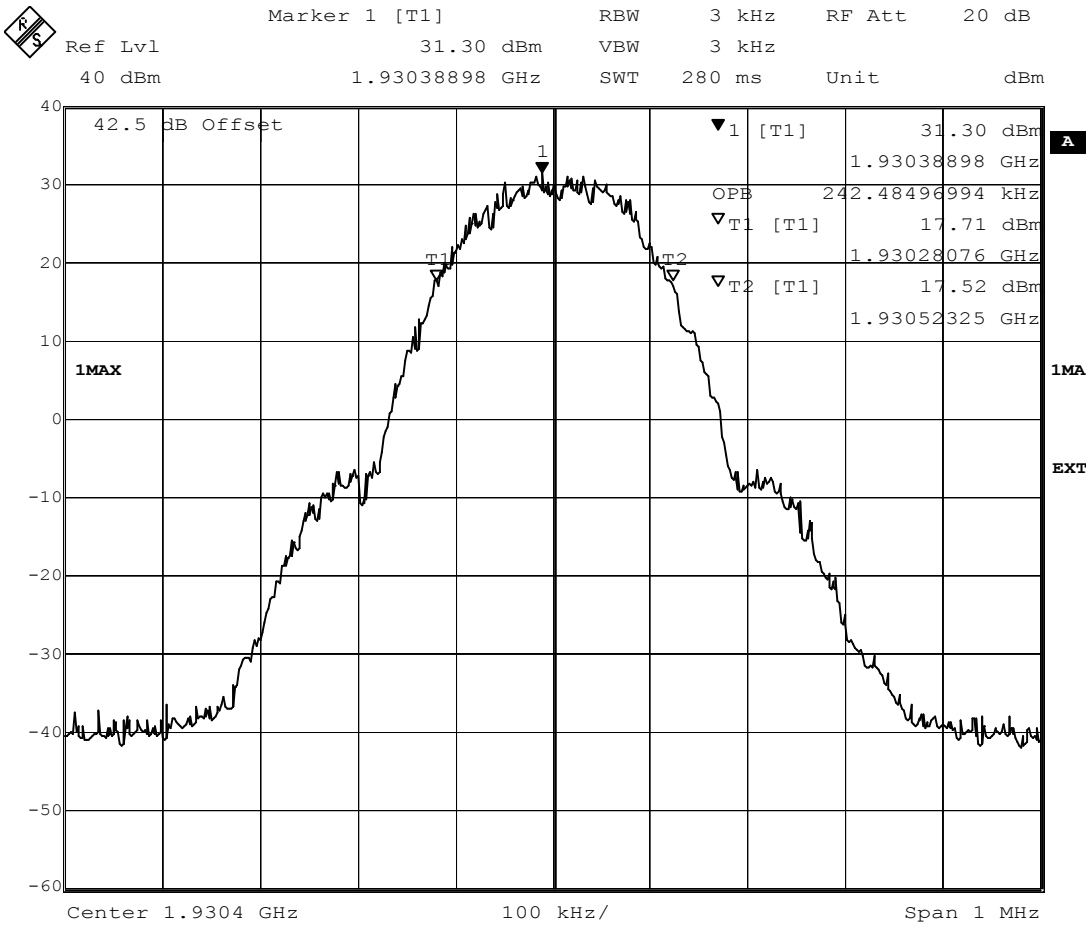
GPH\44324JD01\028
CH513 Reference Power Level 45.0 dBm GMSK - CDUC+ - sTRU2



Title: Testing for Ericsson AB. RBS 2202. FCC Part 24
Comment A: CH513 OBW Reference Power Level. +45dBm Output Power. GMSK Mode. CDU C+ Stru2.
Date: 15.JAN.2003 16:08:00

Test Of: Ericsson AB.
KRC131 139/01 sTRU-Edge Transceiver
To: FCC Part 24: 2001

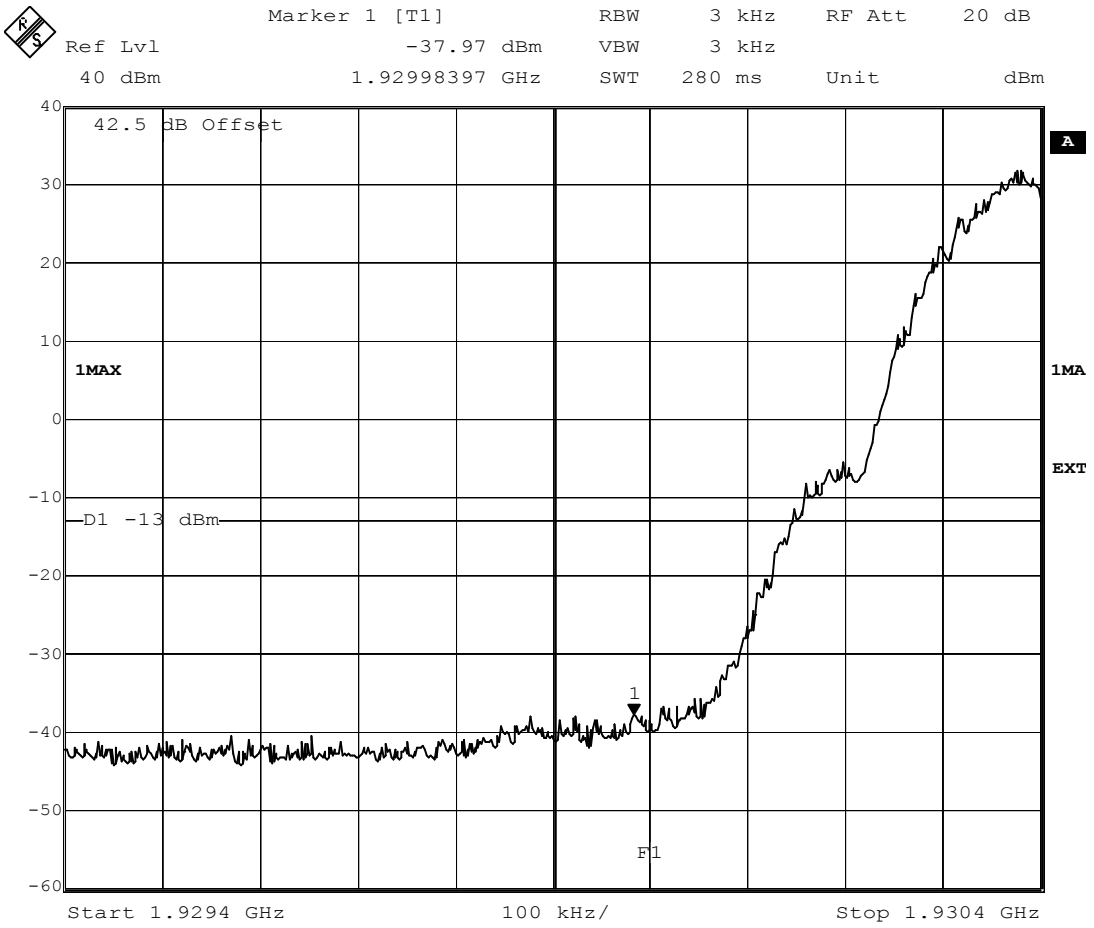
GPH\44324JD01\029
CH513 99% Occupied Power Bandwidth 45.0 dBm GMSK - CDUC+ - sTRU2



Title: Testing for Ericsson AB. RBS 2202. FCC Part 24
Comment A: CH513 OBW 99% Occupied Power Bandwidth. +45dBm Output Power.
GMSK Mode. CDU C+ Stru2.
Date: 15.JAN.2003 16:06:58

Test Of: Ericsson AB.
KRC131 139/01 sTRU-Edge Transceiver
To: FCC Part 24: 2001

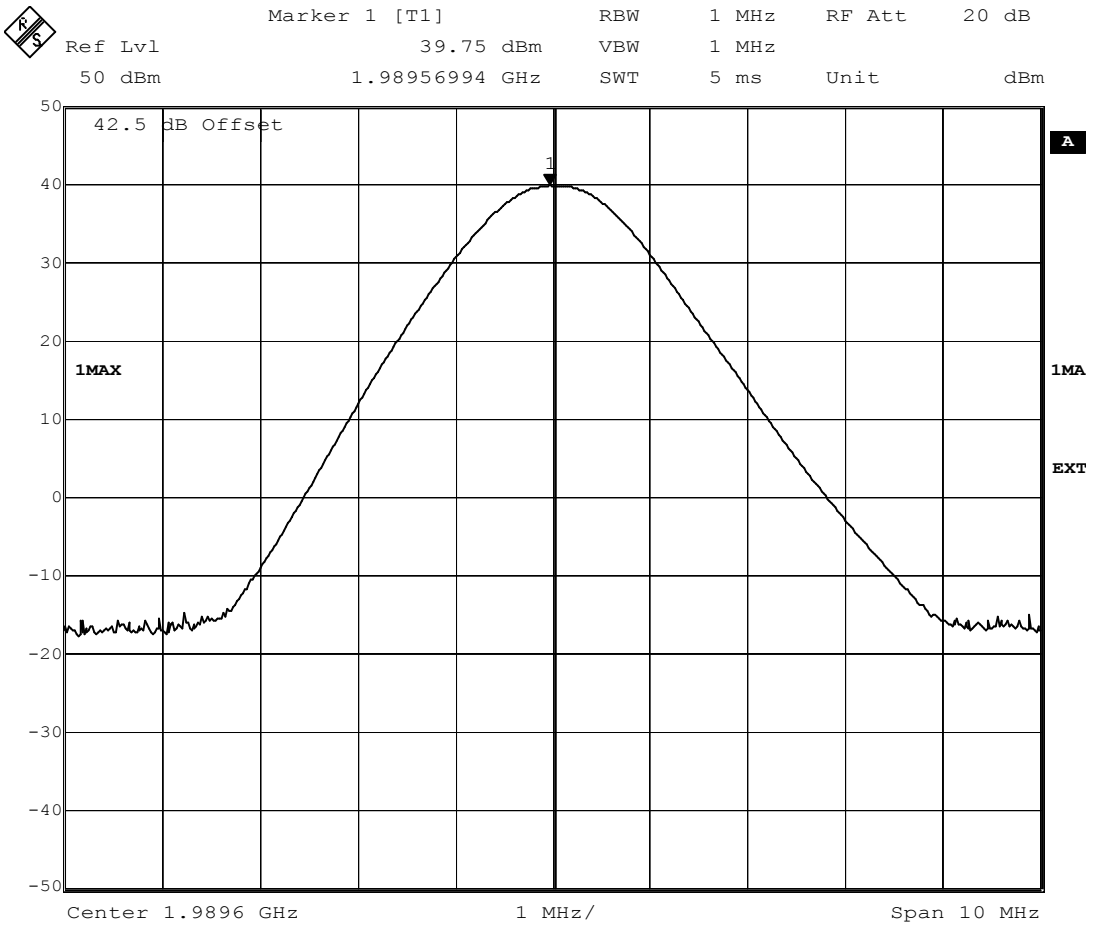
GPH\44324JD01\030
CH513 Band 8PSK 45.0 dBm GMSK - CDUC+ - sTRU2



Title: Testing for Ericsson AB. RBS 2202. FCC Part 24
Comment A: CH513 OBW Band Edge. +45dBm Output Power. GMSK Mode. CDU C+ Stru2.
Date: 15.JAN.2003 16:06:08

Test Of: Ericsson AB.
KRC131 139/01 sTRU-Edge Transceiver
To: FCC Part 24: 2001

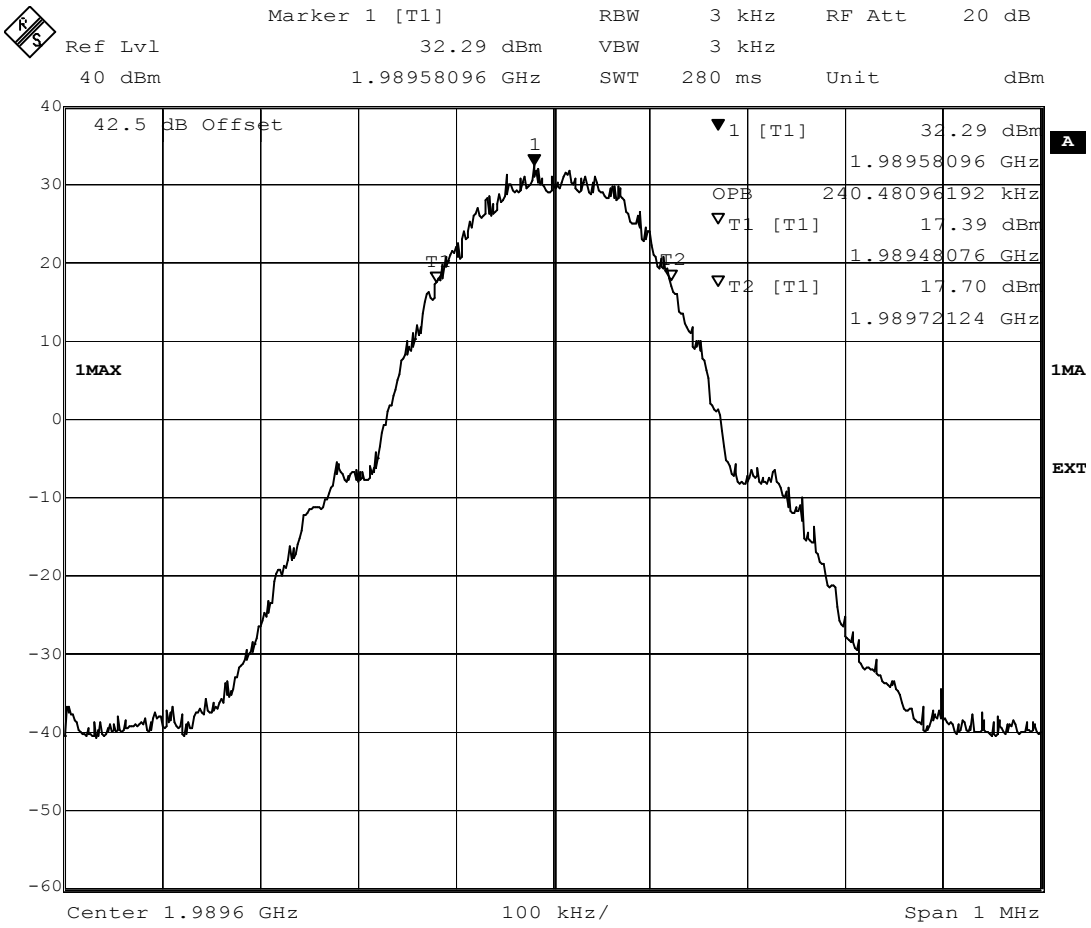
GPH\44324JD01\031
CH809 Reference Power Level 45.0 dBm GMSK - CDUC+ - sTRU2



Title: Testing for Ericsson AB. RBS 2202. FCC Part 24
Comment A: CH809 OBW Reference Power Level. +45dBm Output Power. GMSK Mode. CDU C+ Stru2.
Date: 15.JAN.2003 15:34:13

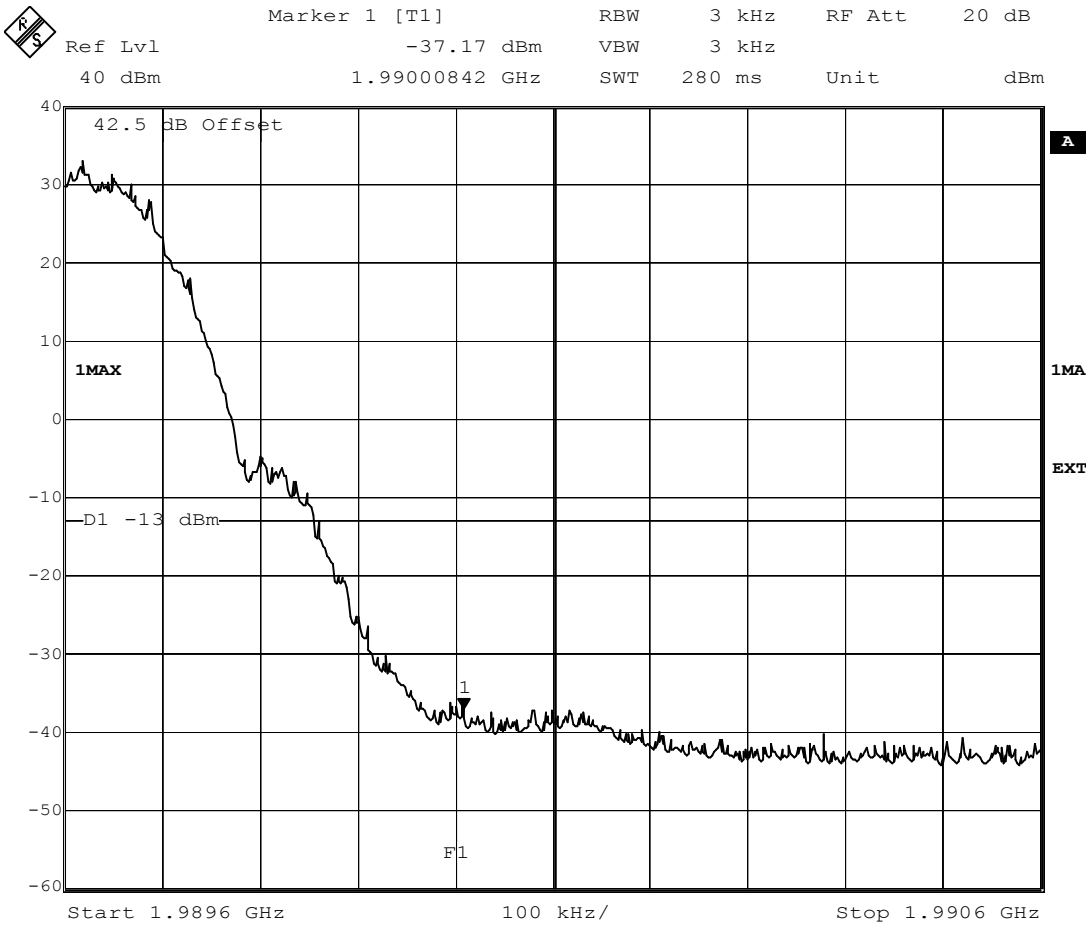
Test Of: Ericsson AB.
KRC131 139/01 sTRU-Edge Transceiver
To: FCC Part 24: 2001

GPH\44324JD01\032
CH809 99% Occupied Power Bandwidth 45.0 dBm GMSK - CDUC+ - sTRU2



Title: Testing for Ericsson AB. RBS 2202. FCC Part 24
Comment A: CH809 OBW 99% Occupied Power Bandwidth. +45dBm Output Power.
GMSK Mode. CDU C+ Stru2.
Date: 15.JAN.2003 15:35:15

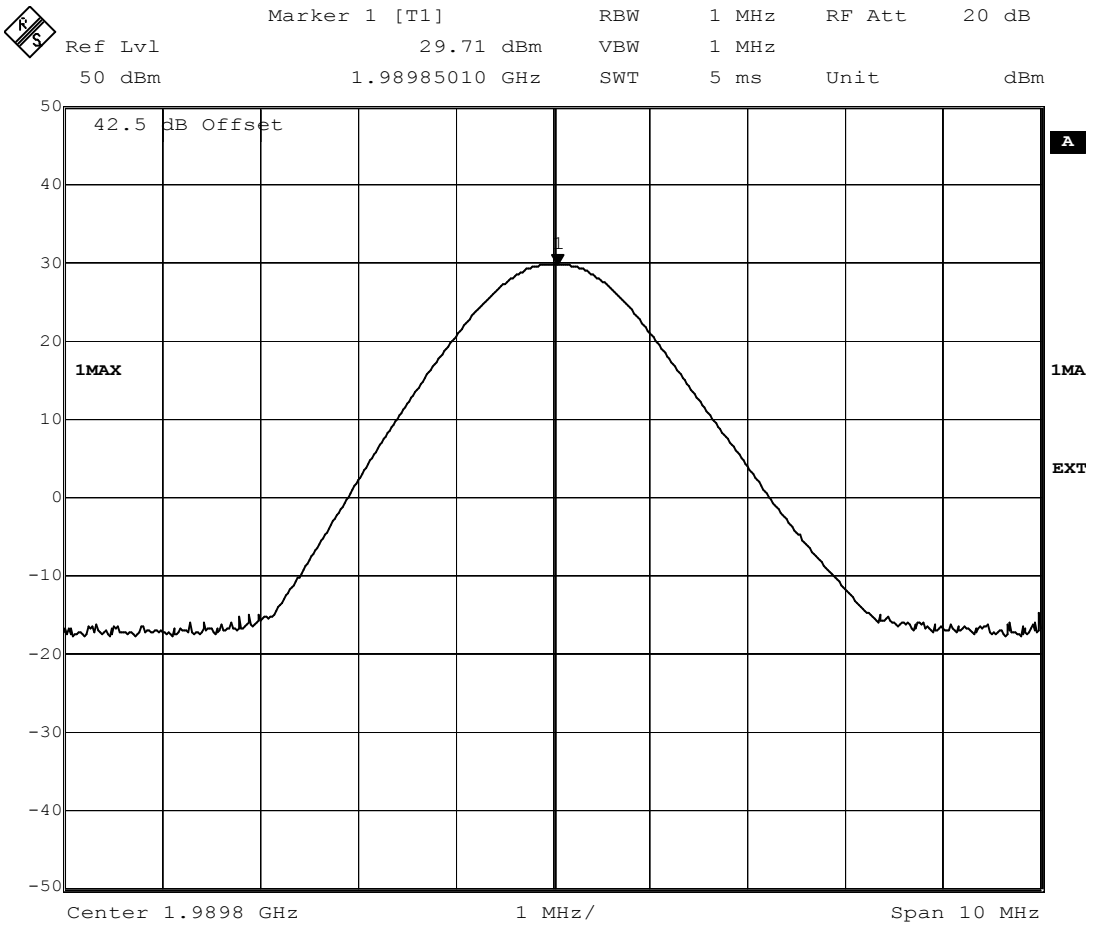
GPH\44324JD01\033
CH809 Band 8PSK 45.0 dBm GMSK - CDUC+ - sTRU2



Title: Testing for Ericsson AB. RBS 2202. FCC Part 24
Comment A: CH809 OBW Band Edge. +45dBm Output Power. GMSK Mode. CDU C+ Stru2.
Date: 15.JAN.2003 15:36:38

Test Of: Ericsson AB.
KRC131 139/01 sTRU-Edge Transceiver
To: FCC Part 24: 2001

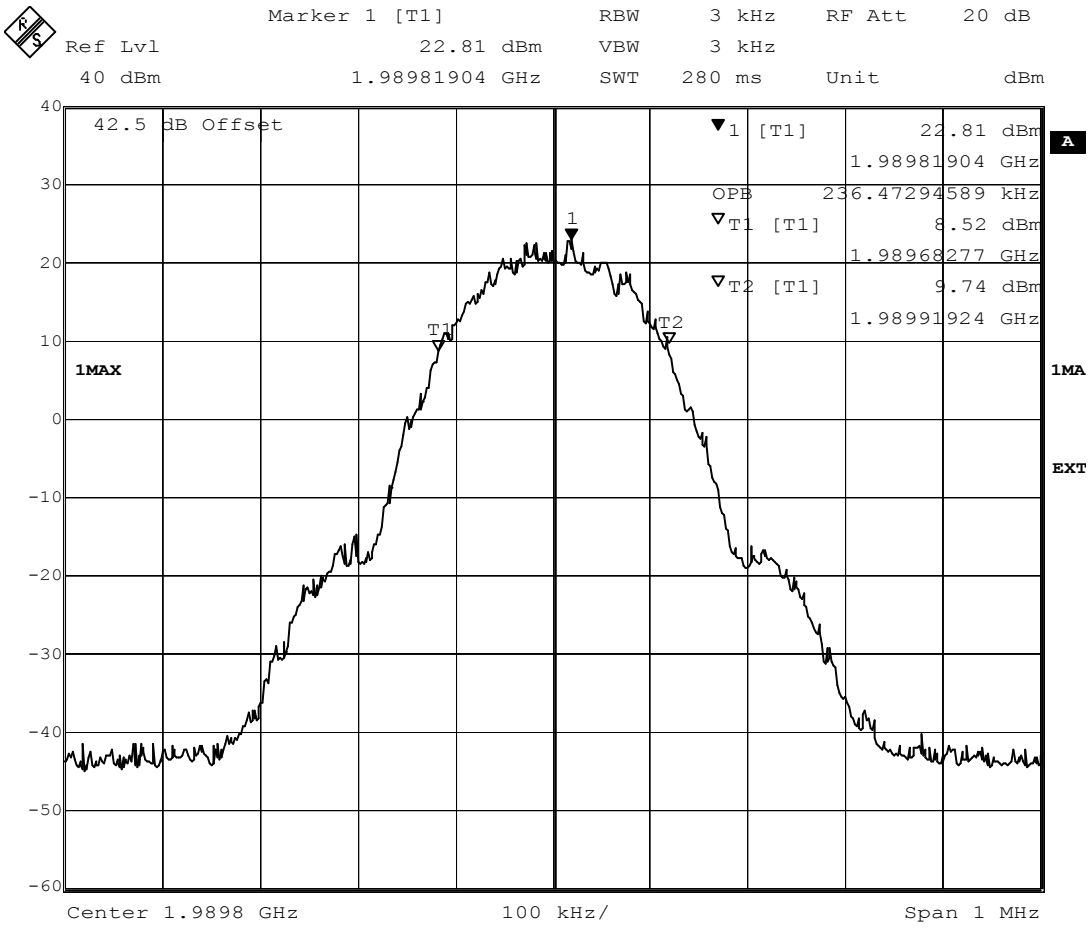
GPH\44324JD01\034
CH810 Reference Power Level 35.0 dBm GMSK - CDUC+ - sTRU2



Title: Testing for Ericsson AB. RBS 2202. FCC Part 24
Comment A: CH810 OBW Reference Power Level. +35dBm Output Power. GMSK Mode. CDU C+ Stru2.
Date: 15.JAN.2003 15:30:19

Test Of: Ericsson AB.
KRC131 139/01 sTRU-Edge Transceiver
To: FCC Part 24: 2001

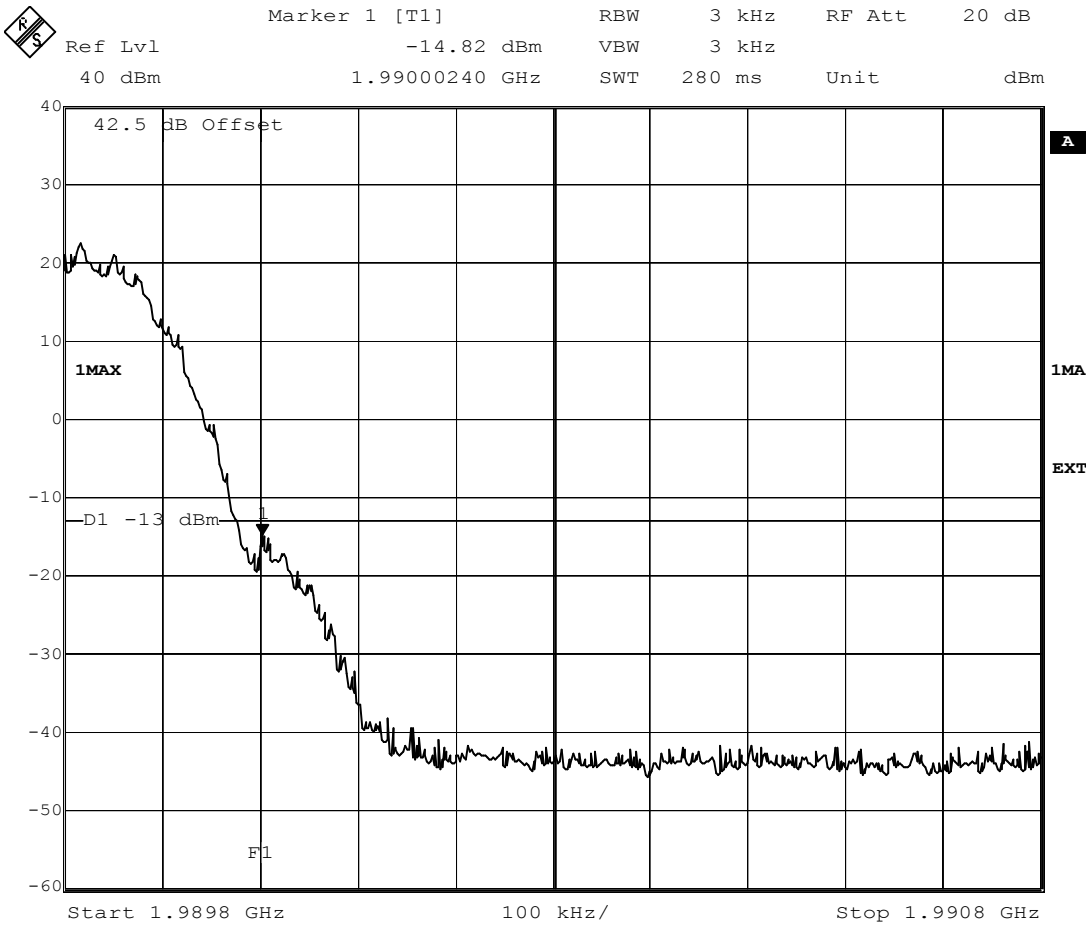
GPH\44324JD01\035
CH810 99% Occupied Power Bandwidth 35.0 dBm GMSK - CDUC+ - sTRU2



Title: Testing for Ericsson AB. RBS 2202. FCC Part 24
Comment A: CH810 OBW 99% Occupied Power Bandwidth. +35dBm Output Power.
GMSK Mode. CDU C+ Stru2.
Date: 15.JAN.2003 15:29:19

Test Of: Ericsson AB.
KRC131 139/01 sTRU-Edge Transceiver
To: FCC Part 24: 2001

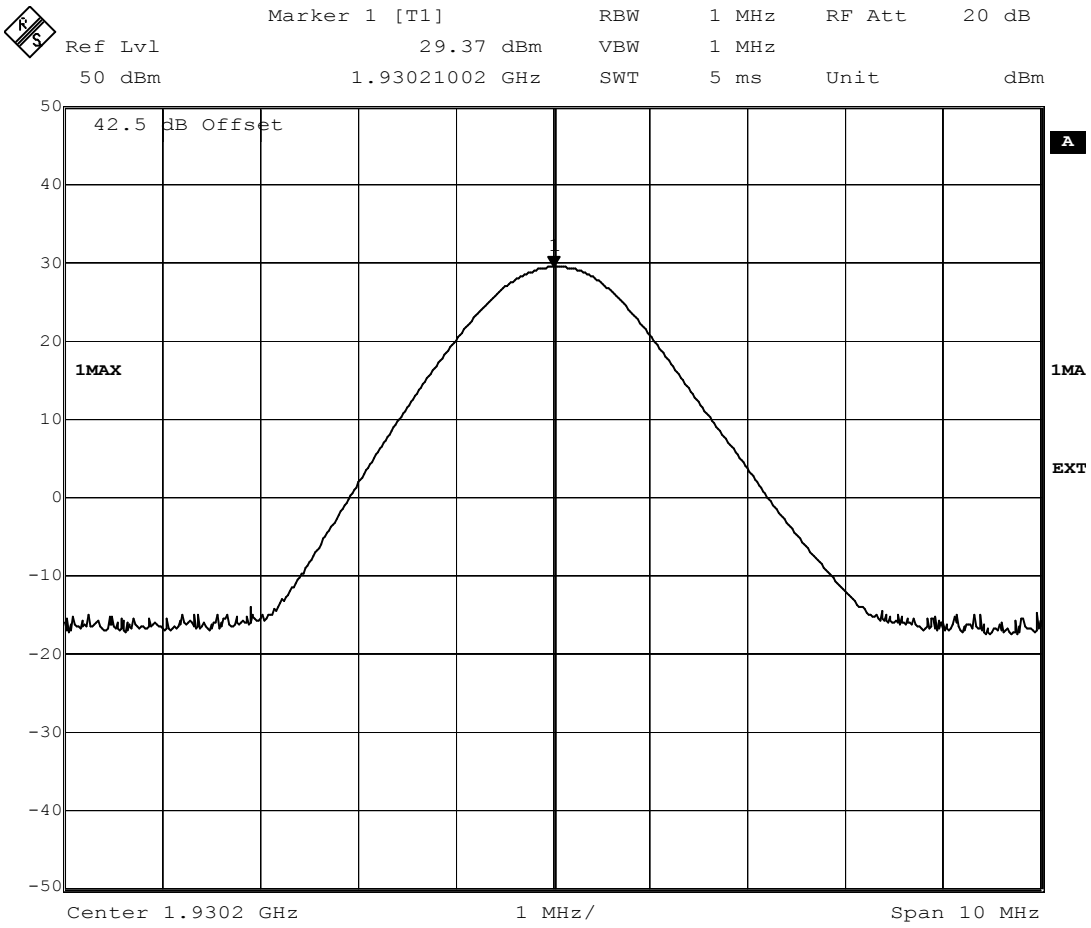
GPH\44324JD01\036
CH810 Band 8PSK 35.0 dBm GMSK - CDUC+ - sTRU2



Title: Testing for Ericsson AB. RBS 2202. FCC Part 24
Comment A: CH810 OBW Band Edge. +35dBm Output Power. GMSK Mode. CDU C+ Stru2.
Date: 15.JAN.2003 15:28:15

Test Of: Ericsson AB.
KRC131 139/01 sTRU-Edge Transceiver
To: FCC Part 24: 2001

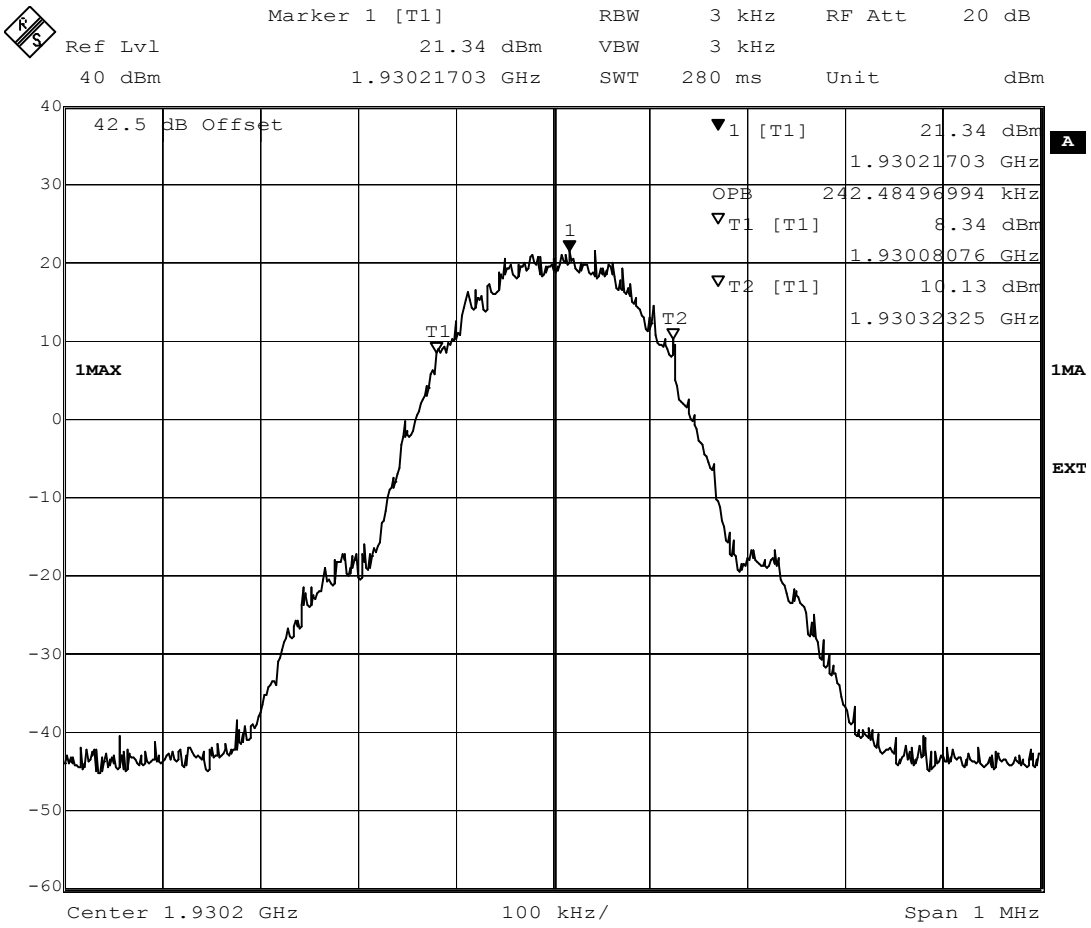
GPH\44324JD01\037
CH512 Reference Power Level 35.0 dBm GMSK – CDUC+ - sTRU3



Title: Testing for Ericsson AB. RBS 2202. FCC Part 24
Comment A: CH512 OBW Reference Power Level. +35dBm Output Power. GMSK Mode. CDU C+ Stru3.
Date: 15.JAN.2003 15:10:19

Test Of: Ericsson AB.
KRC131 139/01 sTRU-Edge Transceiver
To: FCC Part 24: 2001

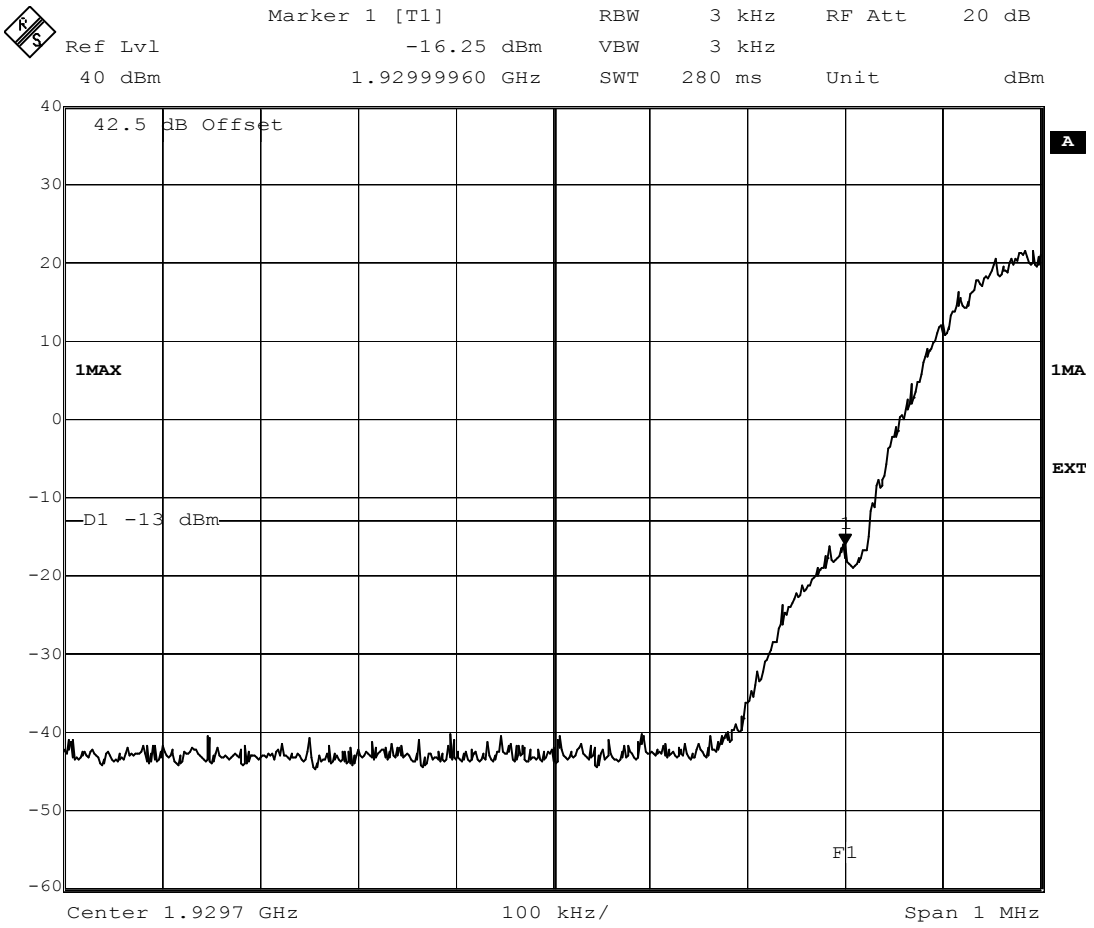
GPH\44324JD01\038
CH512 99% Occupied Power Bandwidth 35.0 dBm GMSK - CDUC+ - sTRU3



Title: Testing for Ericsson AB. RBS 2202. FCC Part 24
Comment A: CH512 OBW 99% Occupied Power Bandwidth. +35dBm Output Power.
GMSK Mode. CDU C+ Stru3.
Date: 15.JAN.2003 15:09:27

Test Of: **Ericsson AB.**
KRC131 139/01 sTRU-Edge Transceiver
To: **FCC Part 24: 2001**

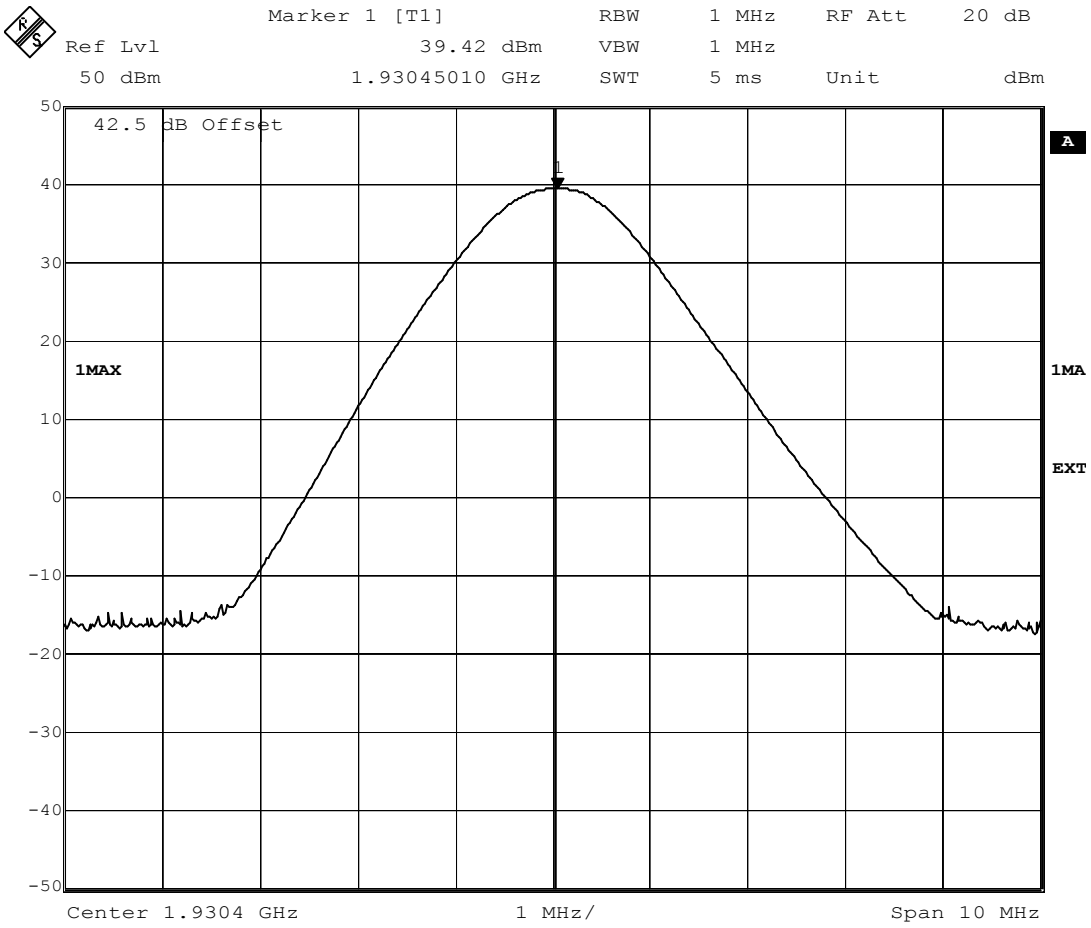
GPH\44324JD01\039
CH512 Band 8PSK 35.0 dBm GMSK - CDUC+ - sTRU3



Title: Testing for Ericsson AB. RBS 2202. FCC Part 24
Comment A: CH512 OBW Band Edge. +35dBm Output Power. GMSK Mode. CDU C+ Stru3.
Date: 15.JAN.2003 15:08:38

Test Of: Ericsson AB.
KRC131 139/01 sTRU-Edge Transceiver
To: FCC Part 24: 2001

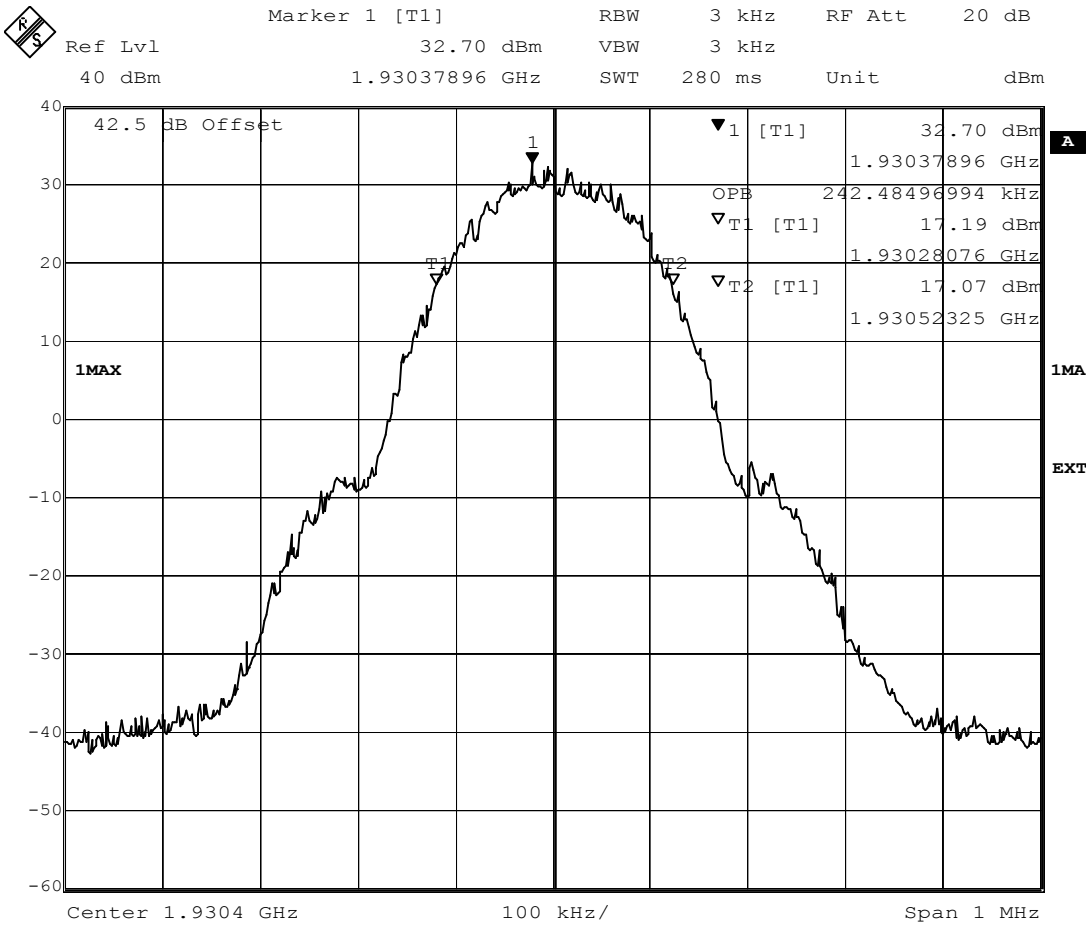
GPH\44324JD01\040
CH513 Reference Power Level 45.0 dBm GMSK - CDUC+ - sTRU3



Title: Testing for Ericsson AB. RBS 2202. FCC Part 24
Comment A: CH513 OBW Reference Power Level. +45dBm Output Power. GMSK Mode. CDU C+ Stru3.
Date: 15.JAN.2003 15:56:56

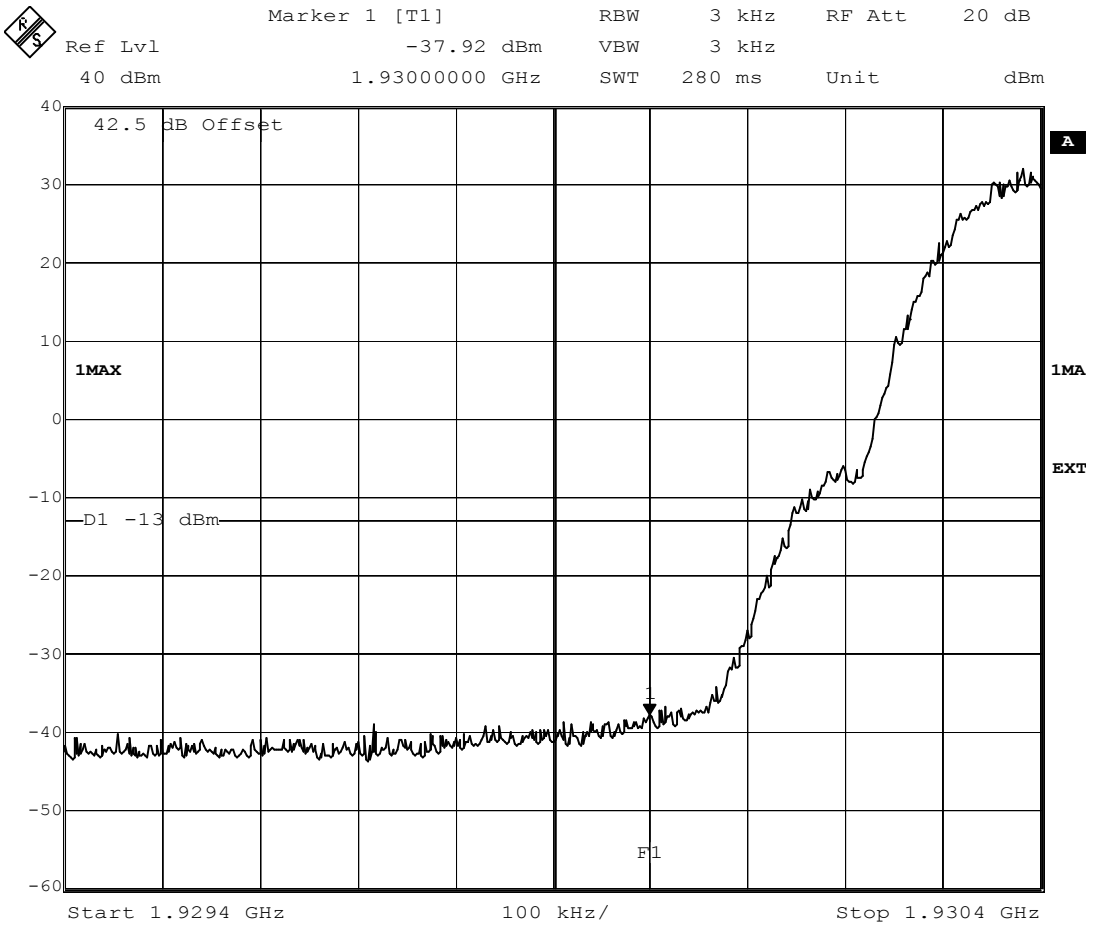
Test Of: Ericsson AB.
KRC131 139/01 sTRU-Edge Transceiver
To: FCC Part 24: 2001

GPH\44324JD01\041
CH513 99% Occupied Power Bandwidth 45.0 dBm GMSK - CDUC+ - sTRU3



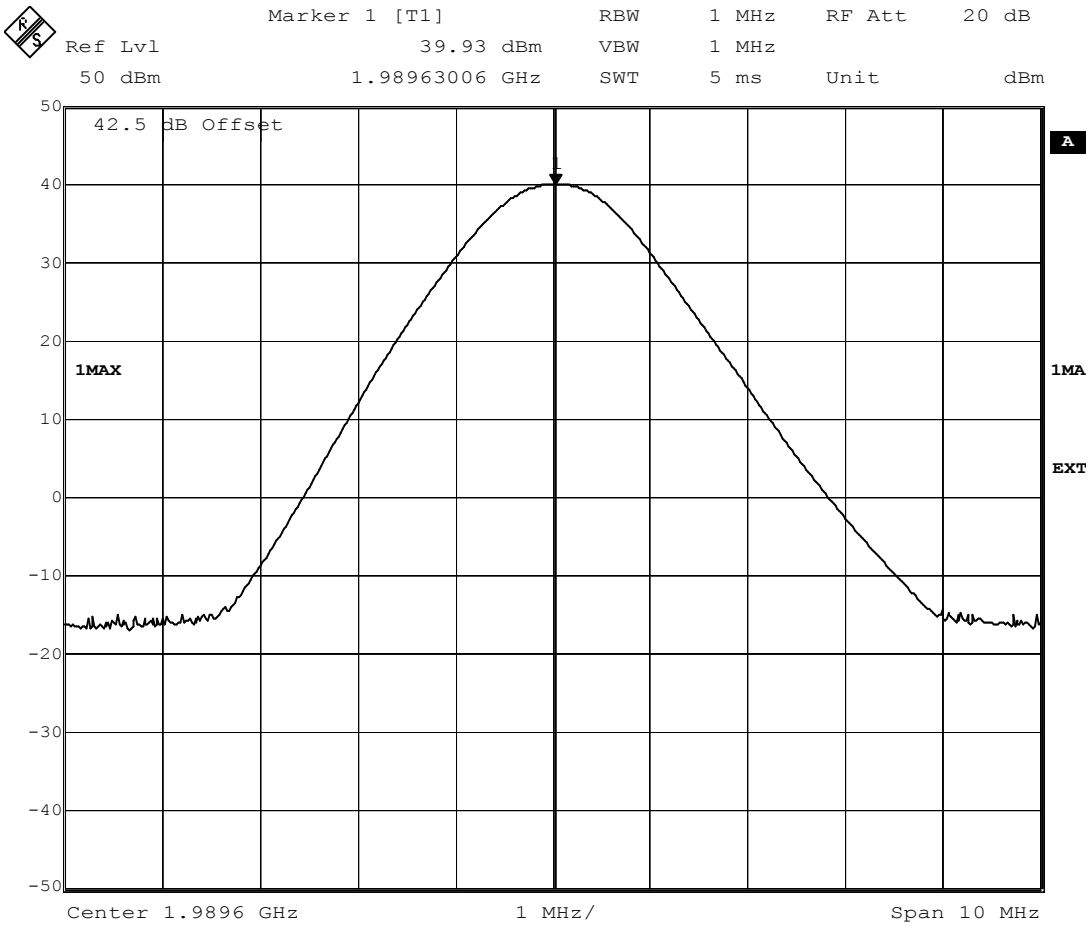
Title: Testing for Ericsson AB. RBS 2202. FCC Part 24
Comment A: CH513 OBW 99% Occupied Power Bandwidth. +45dBm Output Power.
GMSK Mode. CDU C+ Stru3.
Date: 15.JAN.2003 15:58:39

GPH\44324JD01\042
CH513 Band 8PSK 45.0 dBm GMSK - CDUC+ - sTRU3



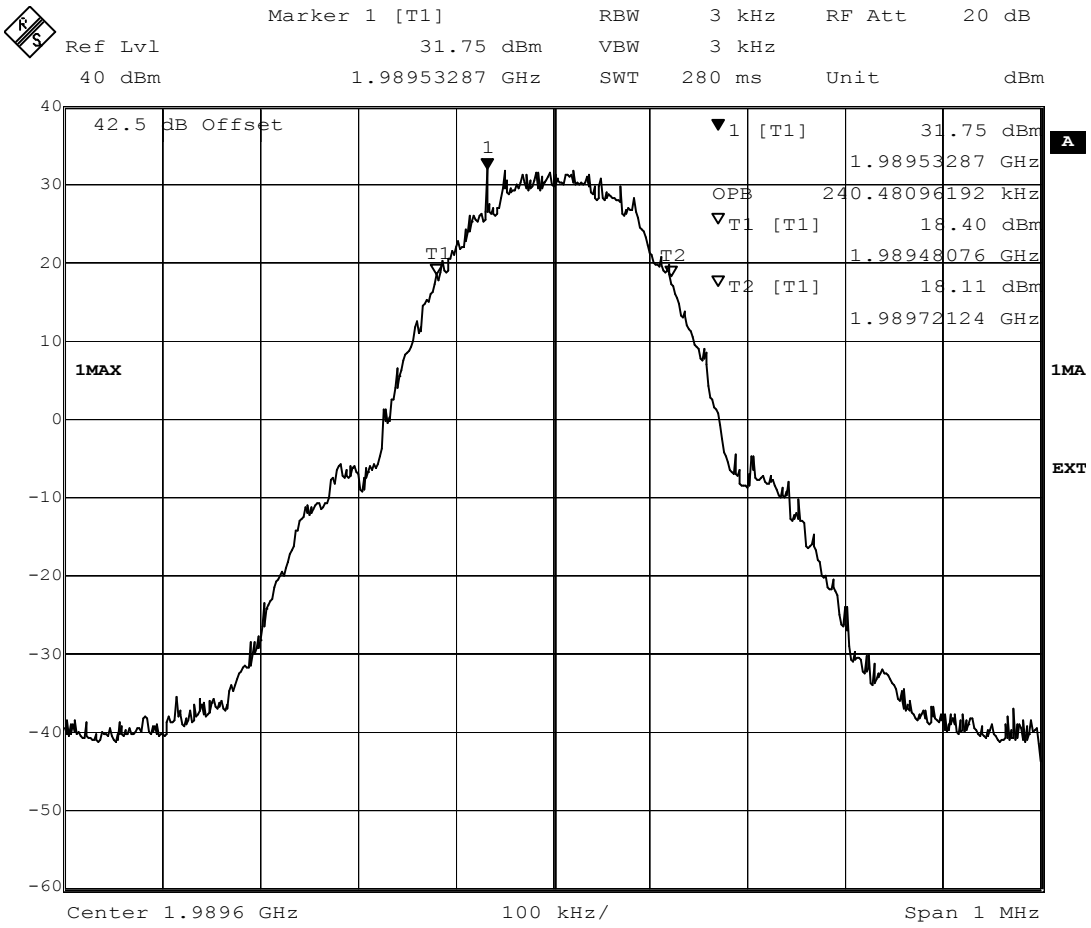
Title: Testing for Ericsson AB. RBS 2202. FCC Part 24
Comment A: CH513 OBW Band Edge. +45dBm Output Power. GMSK Mode. CDU C+ Stru3.
Date: 15.JAN.2003 16:00:49

GPH\44324JD01\043
CH809 Reference Power Level 45.0 dBm GMSK - CDUC+ - sTRU3



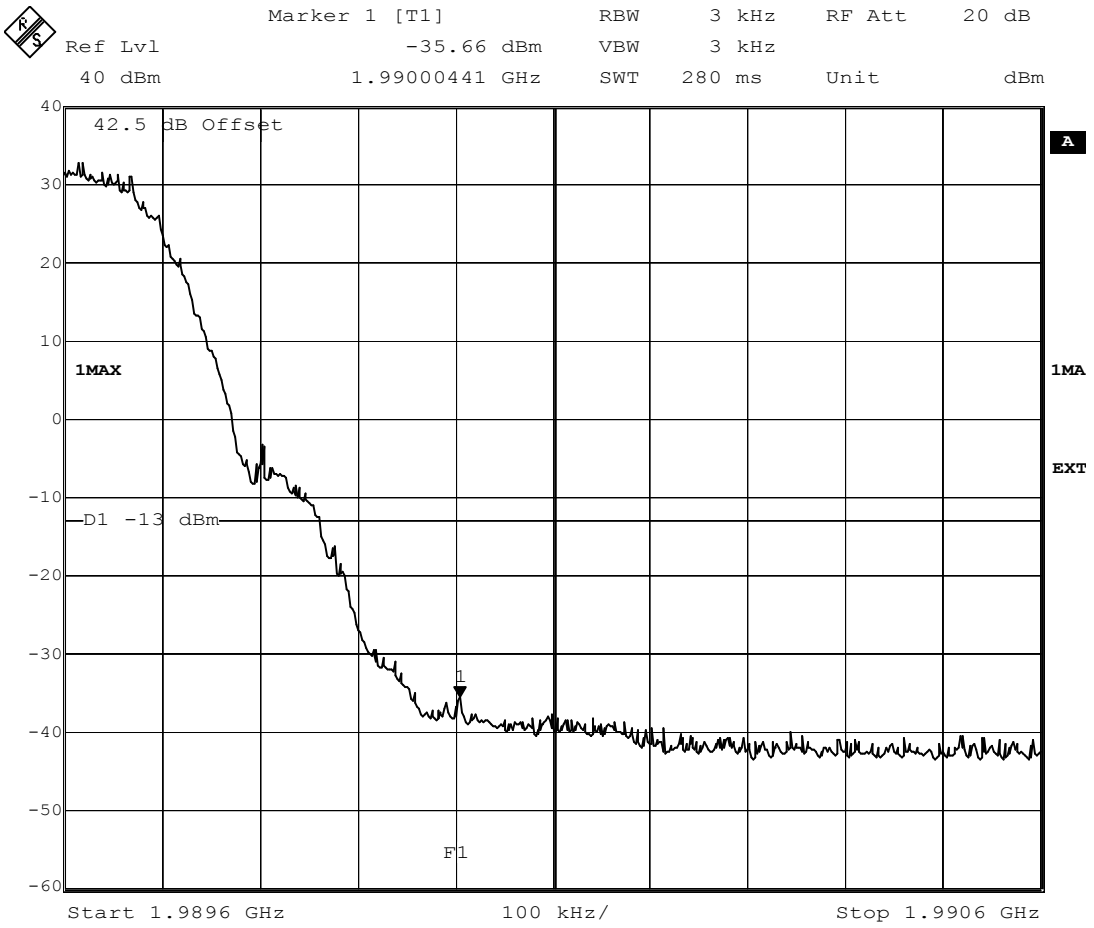
Title: Testing for Ericsson AB. RBS 2202. FCC Part 24
Comment A: CH809 OBW Reference Power Level. +45dBm Output Power. GMSK Mode. CDU C+ Stru3.
Date: 15.JAN.2003 15:48:51

GPH\44324JD01\044
CH809 99% Occupied Power Bandwidth 45.0 dBm GMSK - CDUC+ - sTRU3



Title: Testing for Ericsson AB. RBS 2202. FCC Part 24
Comment A: CH809 OBW 99% Occupied Power Bandwidth. +45dBm Output Power.
GMSK Mode. CDU C+ Stru3.
Date: 15.JAN.2003 15:46:12

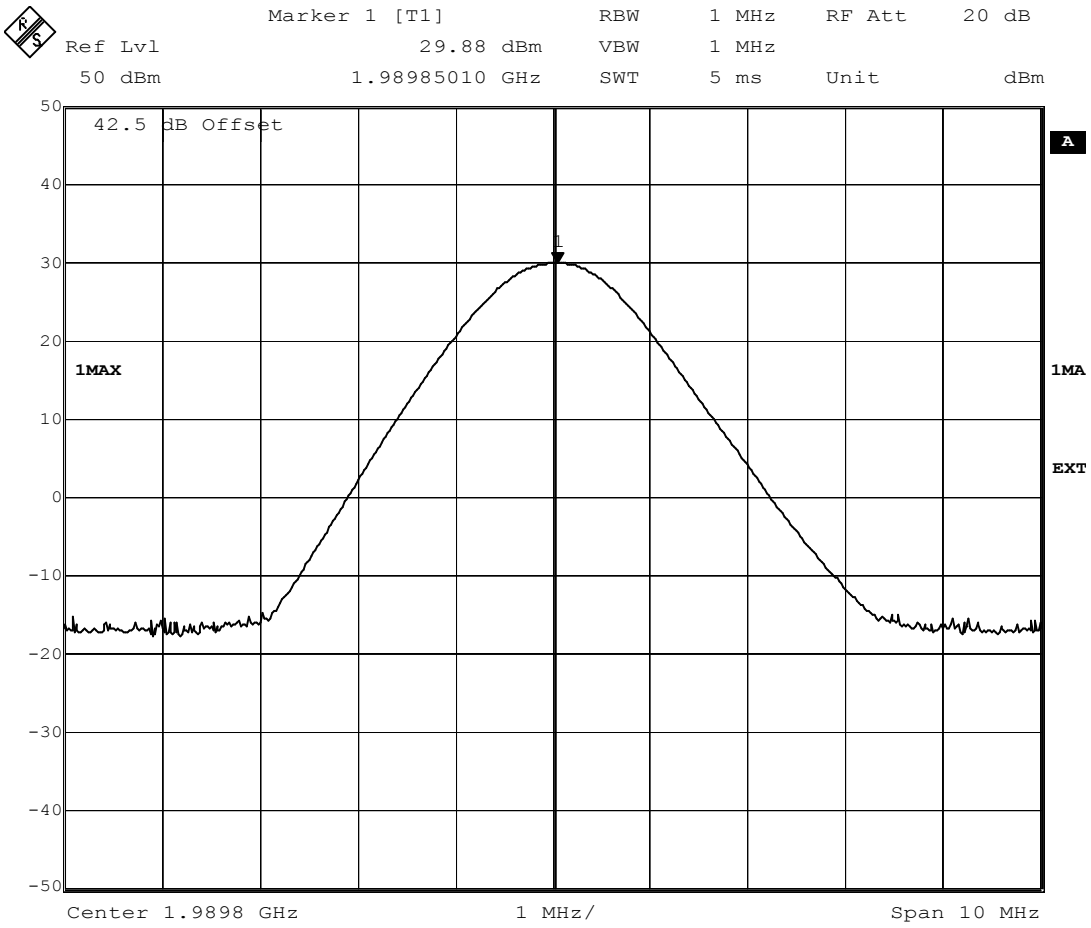
GPH\44324JD01\045
CH809 Band 8PSK 45.0 dBm GMSK - CDUC+ - sTRU3



Title: Testing for Ericsson AB. RBS 2202. FCC Part 24
Comment A: CH809 OBW Band Edge. +45dBm Output Power. GMSK Mode. CDU C+ Stru3.
Date: 15.JAN.2003 15:45:18

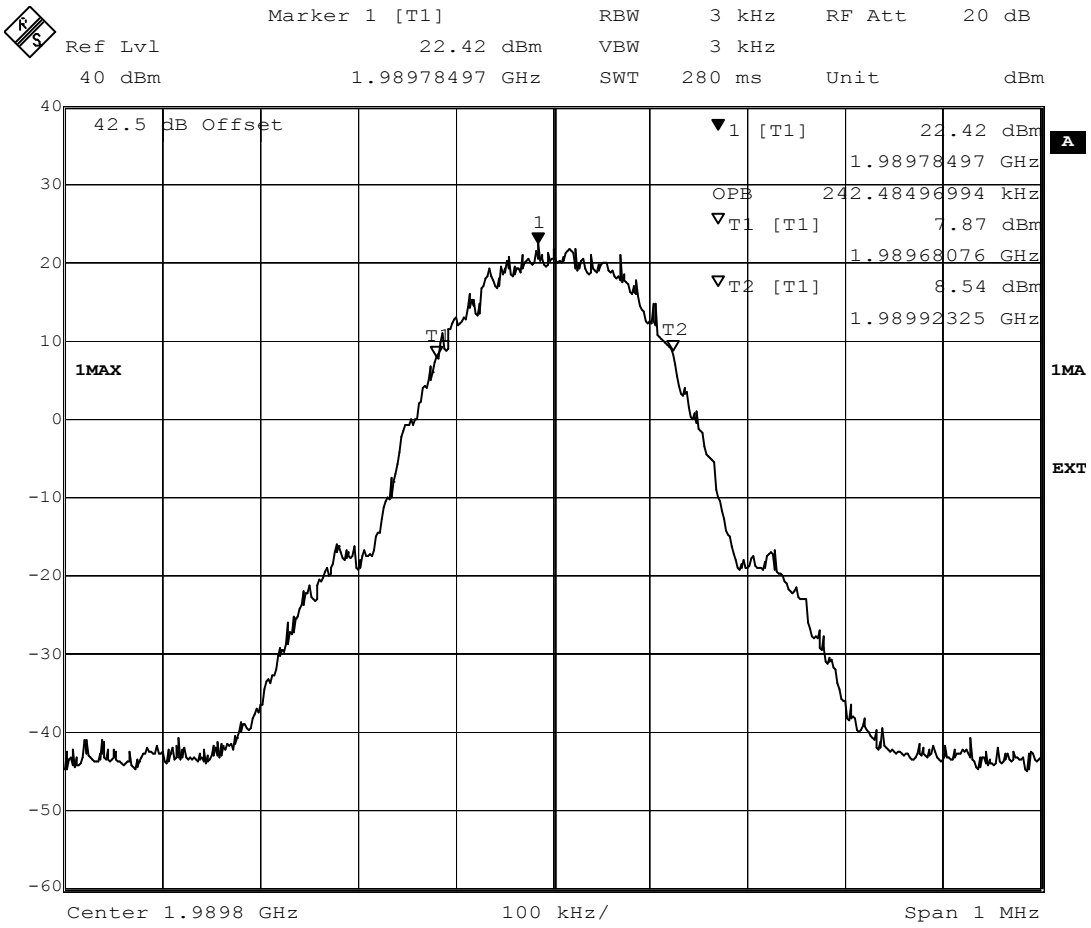
Test Of: Ericsson AB.
KRC131 139/01 sTRU-Edge Transceiver
To: FCC Part 24: 2001

GPH\44324JD01\046
CH810 Reference Power Level 35.0 dBm GMSK - CDUC+ - sTRU3



Title: Testing for Ericsson AB. RBS 2202. FCC Part 24
Comment A: CH810 OBW Reference Power Level. +35dBm Output Power. GMSK Mode. CDU C+ Stru3.
Date: 15.JAN.2003 15:16:49

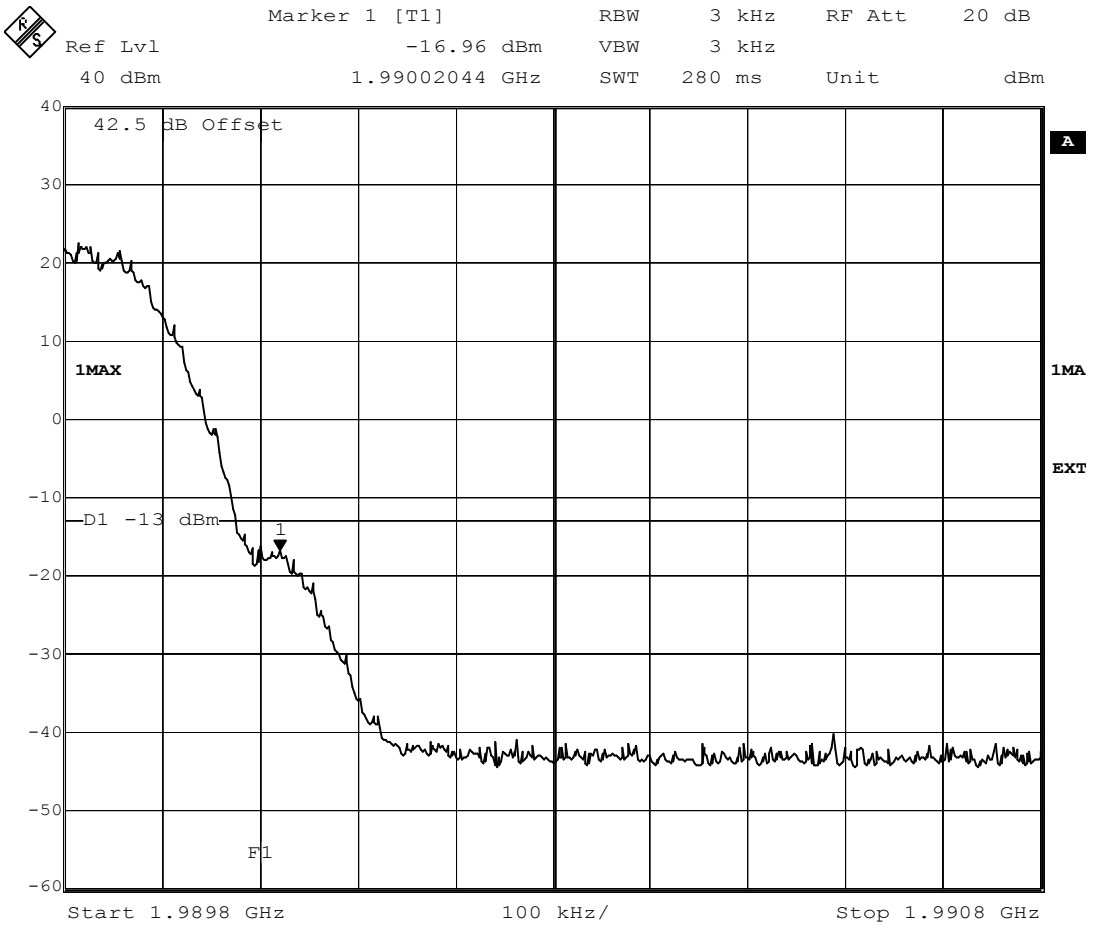
GPH\44324JD01\047
CH810 99% Occupied Power Bandwidth 35.0 dBm GMSK - CDUC+ - sTRU3



Title: Testing for Ericsson AB. RBS 2202. FCC Part 24
Comment A: CH810 OBW 99% Occupied Power Bandwidth. +35dBm Output Power.
GMSK Mode. CDU C+ Stru3.
Date: 15.JAN.2003 15:17:51

Test Of: **Ericsson AB.**
KRC131 139/01 sTRU-Edge Transceiver
To: **FCC Part 24: 2001**

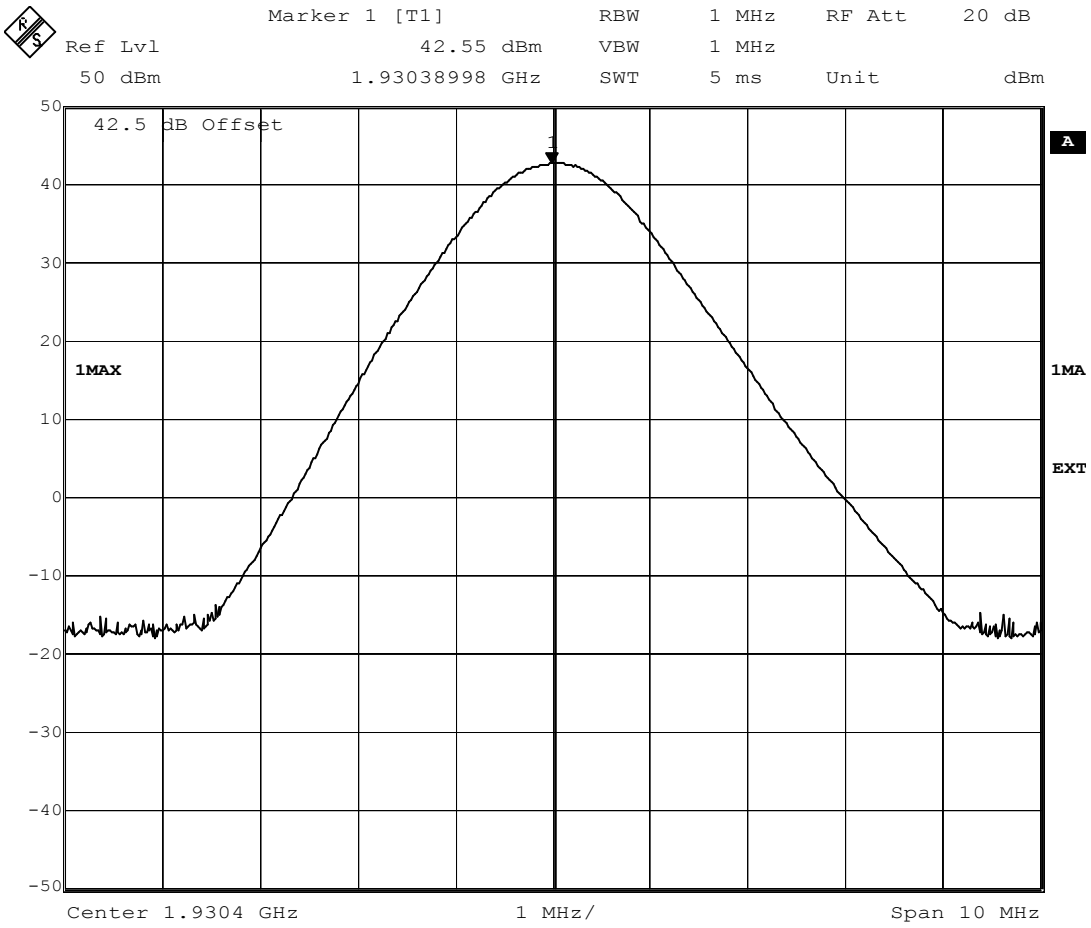
GPH\44324JD01\048
CH810 Band 8PSK 35.0 dBm GMSK - CDUC+ - sTRU3



Title: Testing for Ericsson AB. RBS 2202. FCC Part 24
Comment A: CH810 OBW Band Edge. +35dBm Output Power. GMSK Mode. CDU C+ Stru3.
Date: 15.JAN.2003 15:19:36

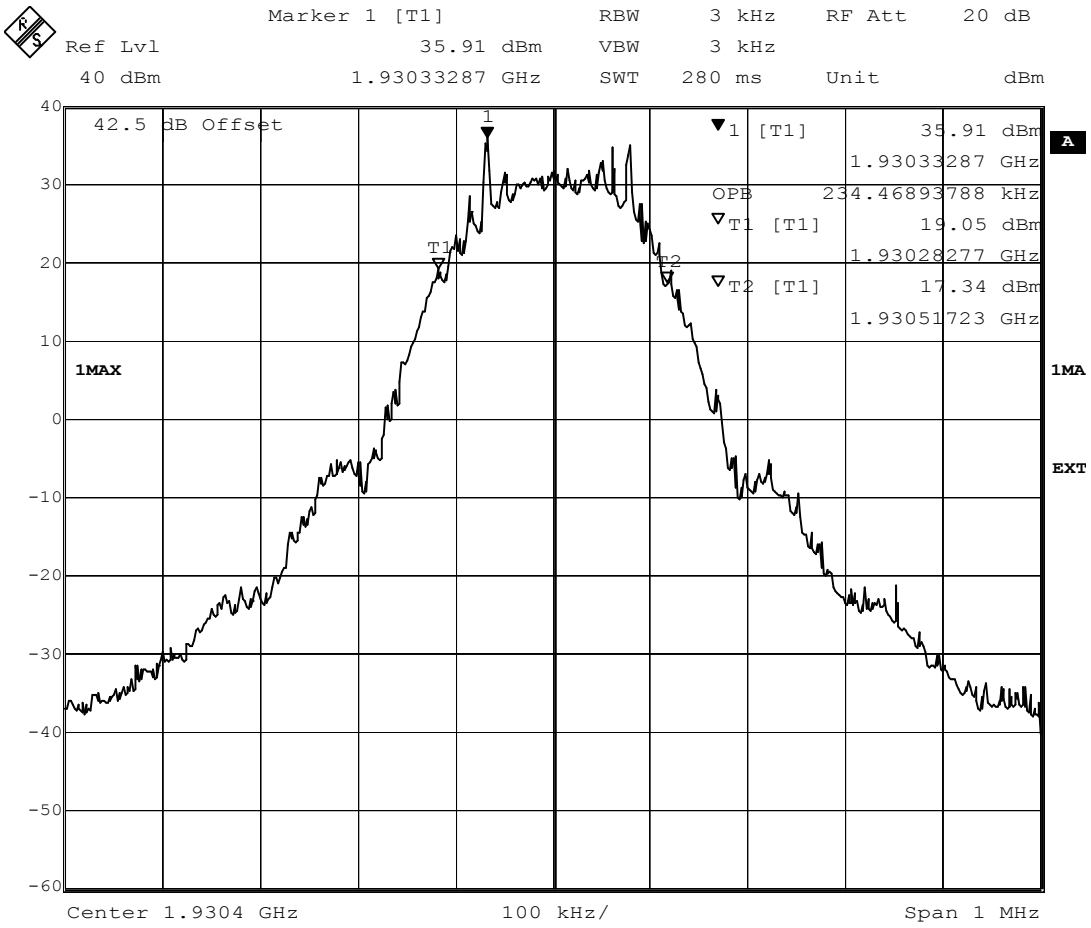
Test Of: **Ericsson AB.**
KRC131 139/01 sTRU-Edge Transceiver
To: **FCC Part 24: 2001**

GPH\44324JD01\049
CH513 Reference Power Level 45.0 dBm 8PSK – CDUA – sTRU0



Title: Testing for Ericsson AB. RBS 2202. FCC Part 24
Comment A: CH513 OBW Reference Power Level. +45dBm Output Power. 8PSK Mode. CDU A Stru0.
Date: 16.JAN.2003 08:38:40

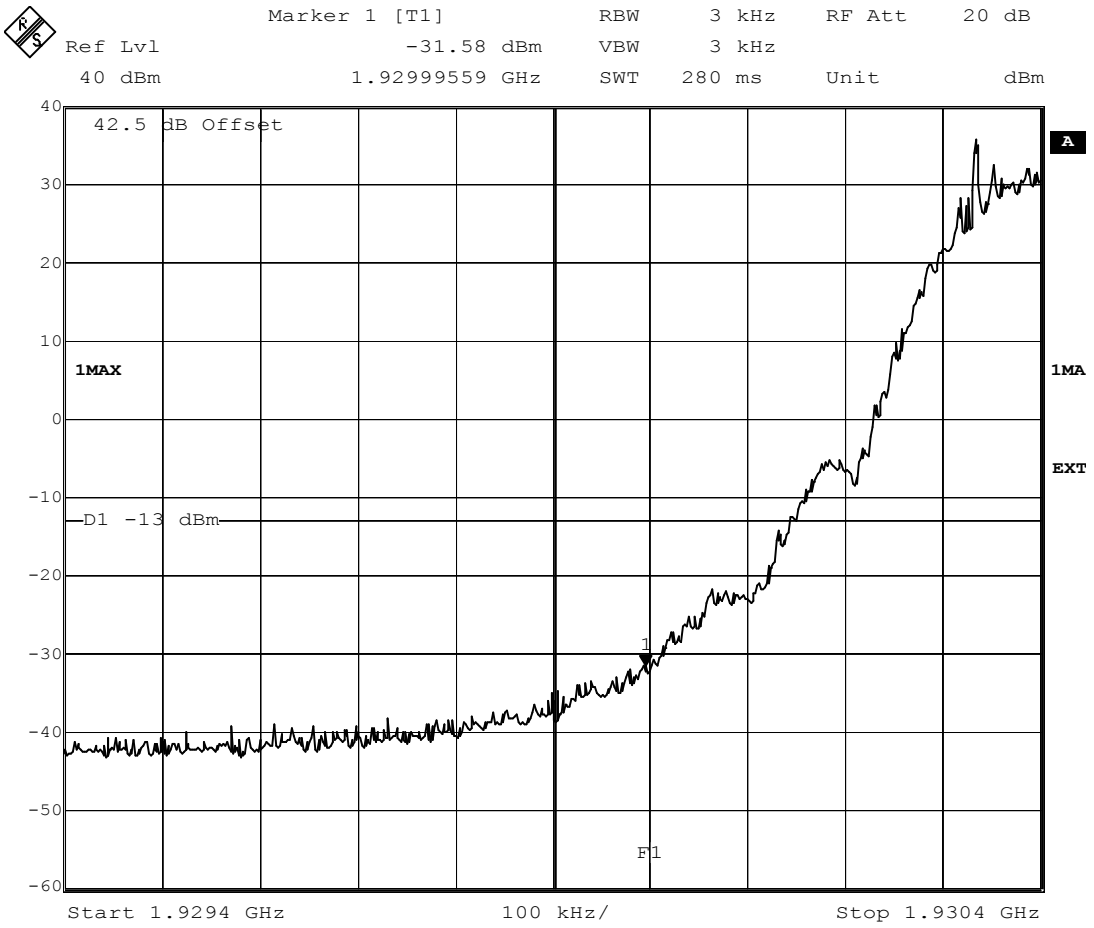
GPH\44324JD01\050
CH513 99% Occupied Power Bandwidth 45.0 dBm 8PSK – CDUA – sTRU0



Title: Testing for Ericsson AB. RBS 2202. FCC Part 24
Comment A: CH513 OBW 99% Occupied Power Bandwidth. +45dBm Output Power.
8PSK Mode. CDU A Stru0.
Date: 16.JAN.2003 08:37:07

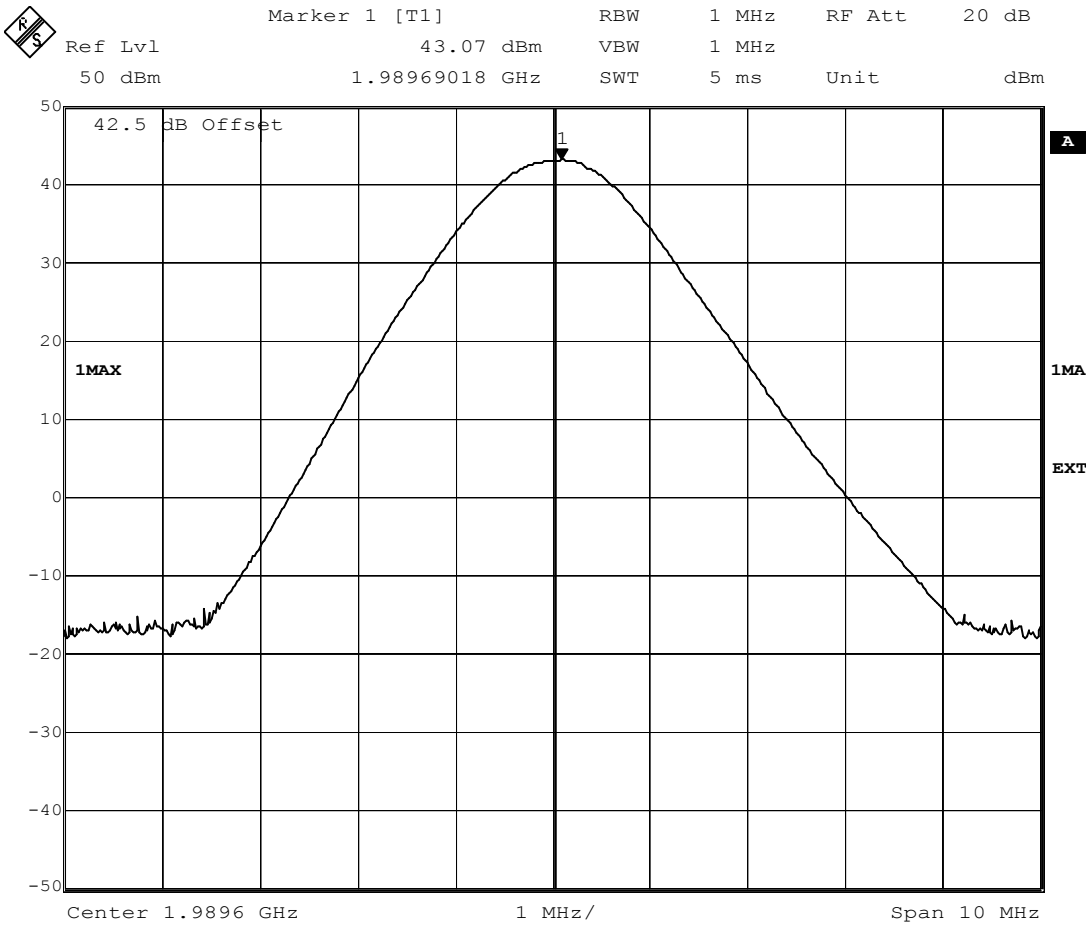
Test Of: Ericsson AB.
KRC131 139/01 sTRU-Edge Transceiver
To: FCC Part 24: 2001

GPH\44324JD01\051
CH513 Band 8PSK 45.0 dBm 8PSK – CDUA – sTRU0



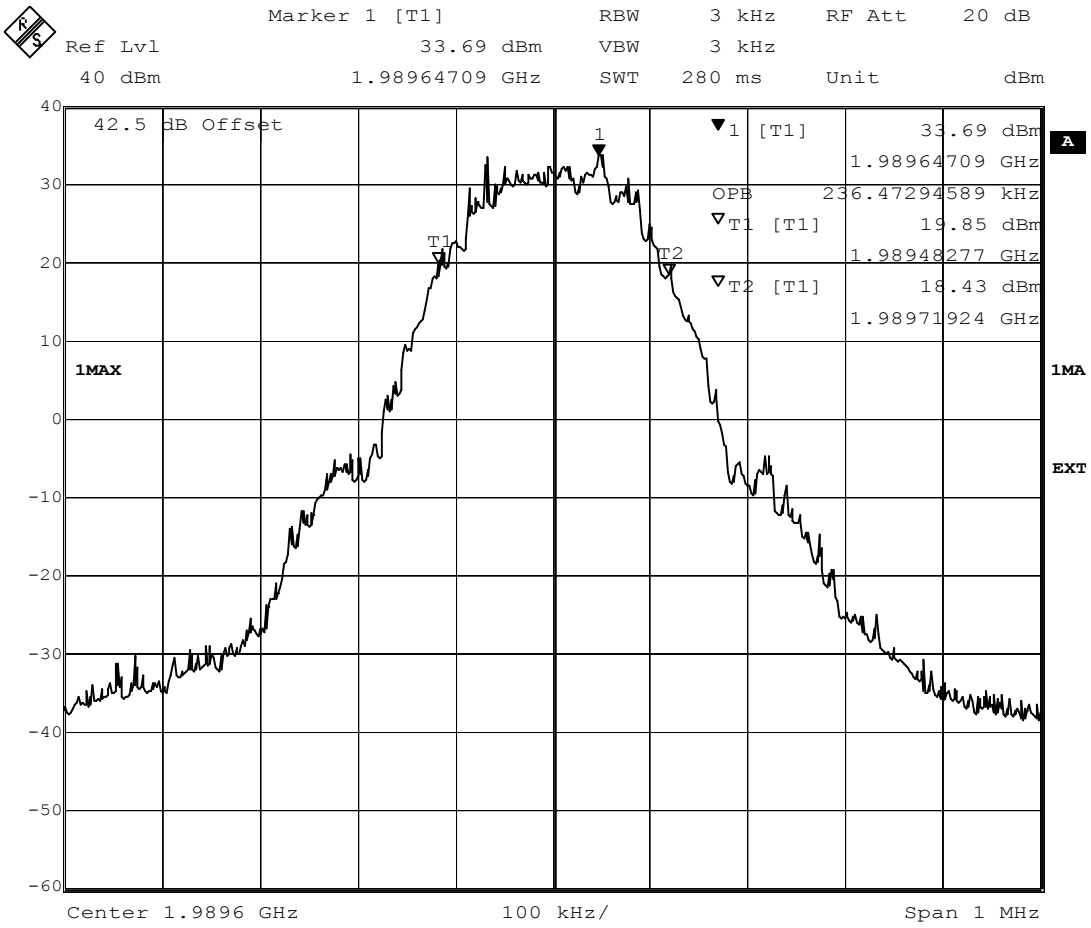
Title: Testing for Ericsson AB. RBS 2202. FCC Part 24
Comment A: CH513 OBW Band Edge. +45dBm Output Power. 8PSK Mode. CDU A Stru0.
Date: 16.JAN.2003 08:36:09

GPH\44324JD01\052
CH809 Reference Power Level 45.0 dBm 8PSK – CDUA – sTRU0



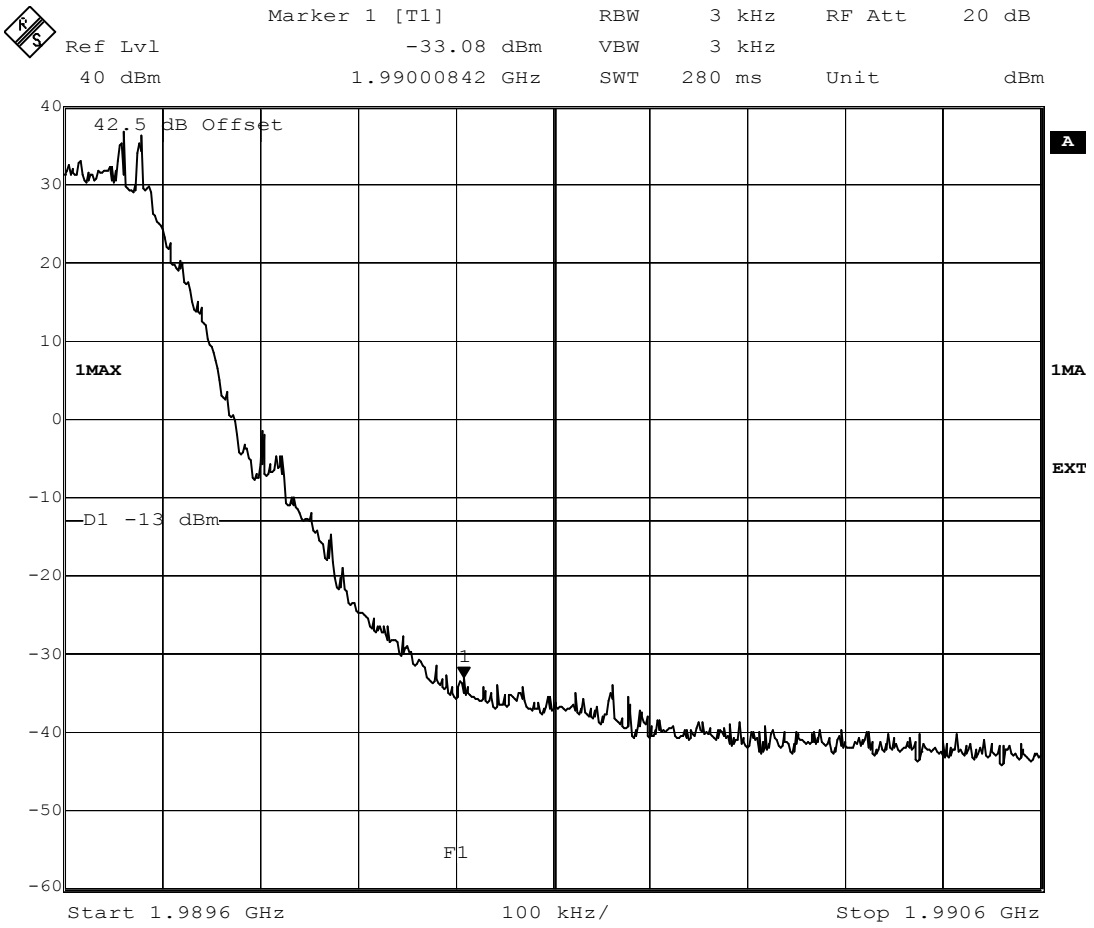
Title: Testing for Ericsson AB. RBS 2202. FCC Part 24
Comment A: CH809 OBW Reference Power Level. +45dBm Output Power. 8PSK Mode. CDU A Stru0.
Date: 16.JAN.2003 08:55:37

GPH\44324JD01\053
CH809 99% Occupied Power Bandwidth 45.0 dBm 8PSK – CDUA – sTRU0



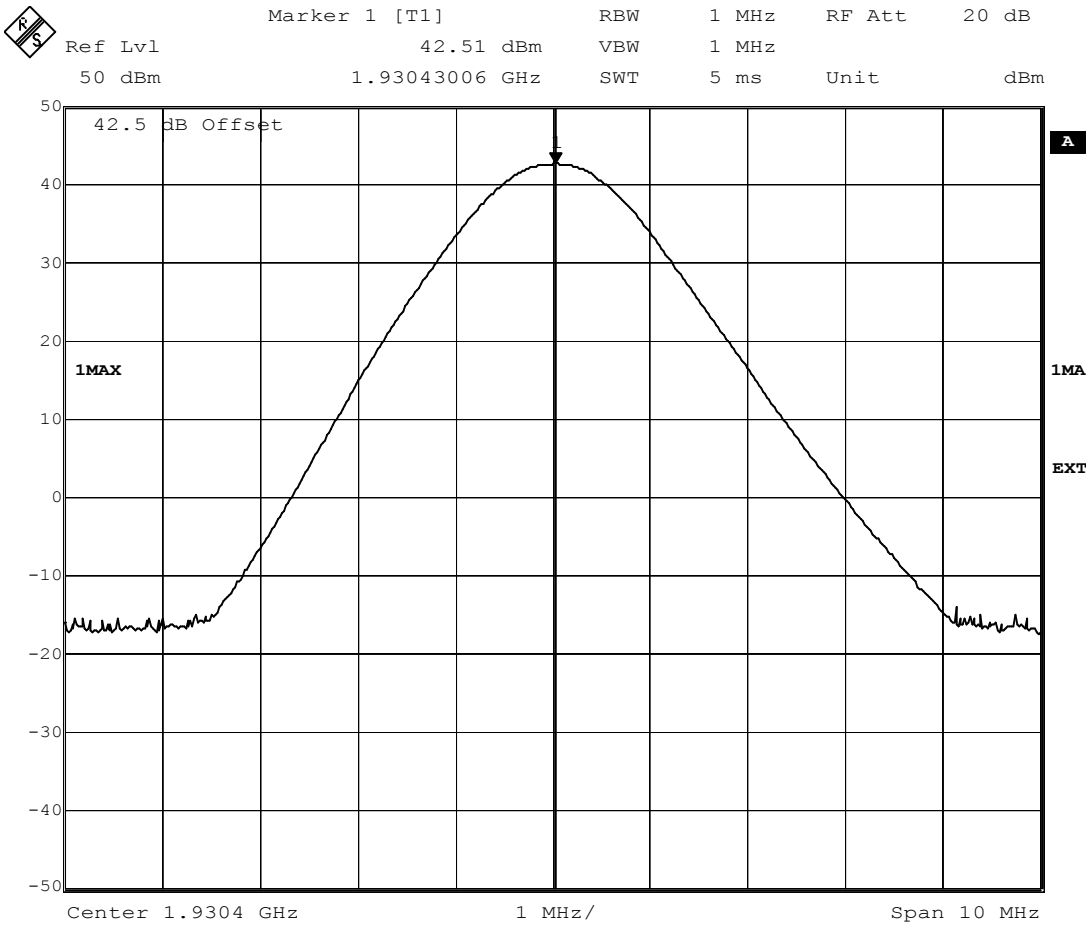
Title: Testing for Ericsson AB. RBS 2202. FCC Part 24
Comment A: CH809 OBW 99% Occupied Power Bandwidth. +45dBm Output Power.
8PSK Mode. CDU A Stru0.
Date: 16.JAN.2003 08:56:31

GPH\44324JD01\054
CH809 Band 8PSK 45.0 dBm 8PSK – CDUA – sTRU0



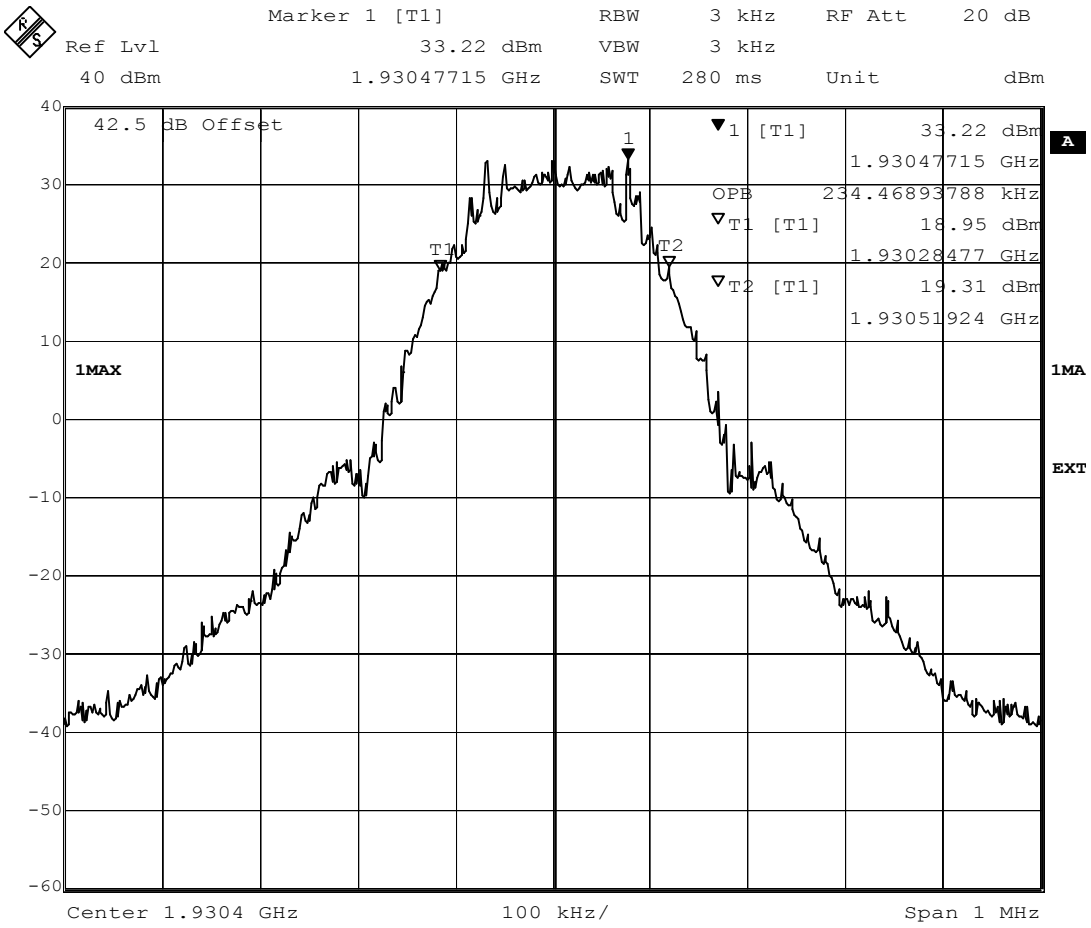
Title: Testing for Ericsson AB. RBS 2202. FCC Part 24
Comment A: CH809 OBW Band Edge. +45dBm Output Power. 8PSK Mode. CDU A Stru0.
Date: 16.JAN.2003 08:57:55

GPH\44324JD01\055
CH513 Reference Power Level 45.0 dBm 8PSK – CDUA – sTRU1



Title: Testing for Ericsson AB. RBS 2202. FCC Part 24
Comment A: CH513 OBW Reference Power Level. +45dBm Output Power. 8PSK Mode. CDU A Stru1.
Date: 16.JAN.2003 09:09:36

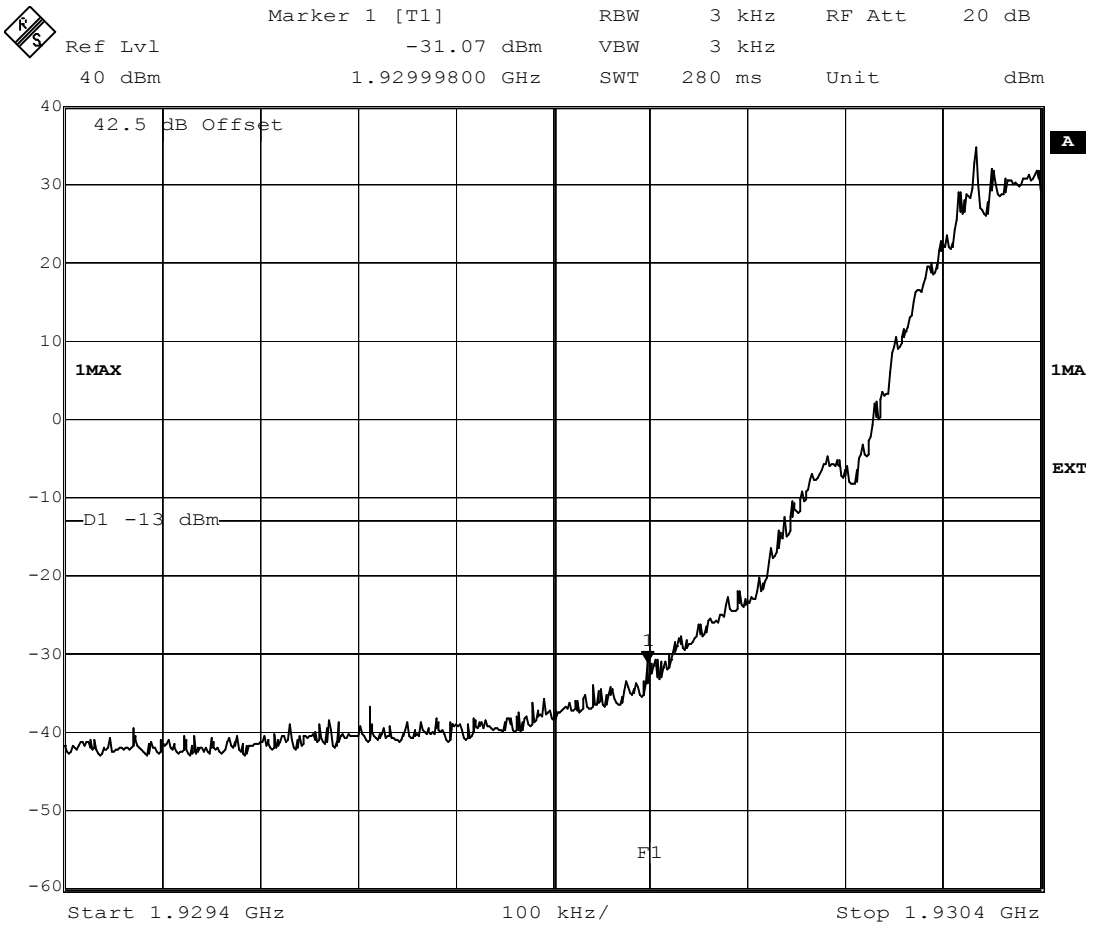
GPH\44324JD01\056
CH513 99% Occupied Power Bandwidth 45.0 dBm 8PSK – CDUA – sTRU1



Title: Testing for Ericsson AB. RBS 2202. FCC Part 24
Comment A: CH513 OBW 99% Occupied Power Bandwidth. +45dBm Output Power.
8PSK Mode. CDU A Stru1.
Date: 16.JAN.2003 09:10:27

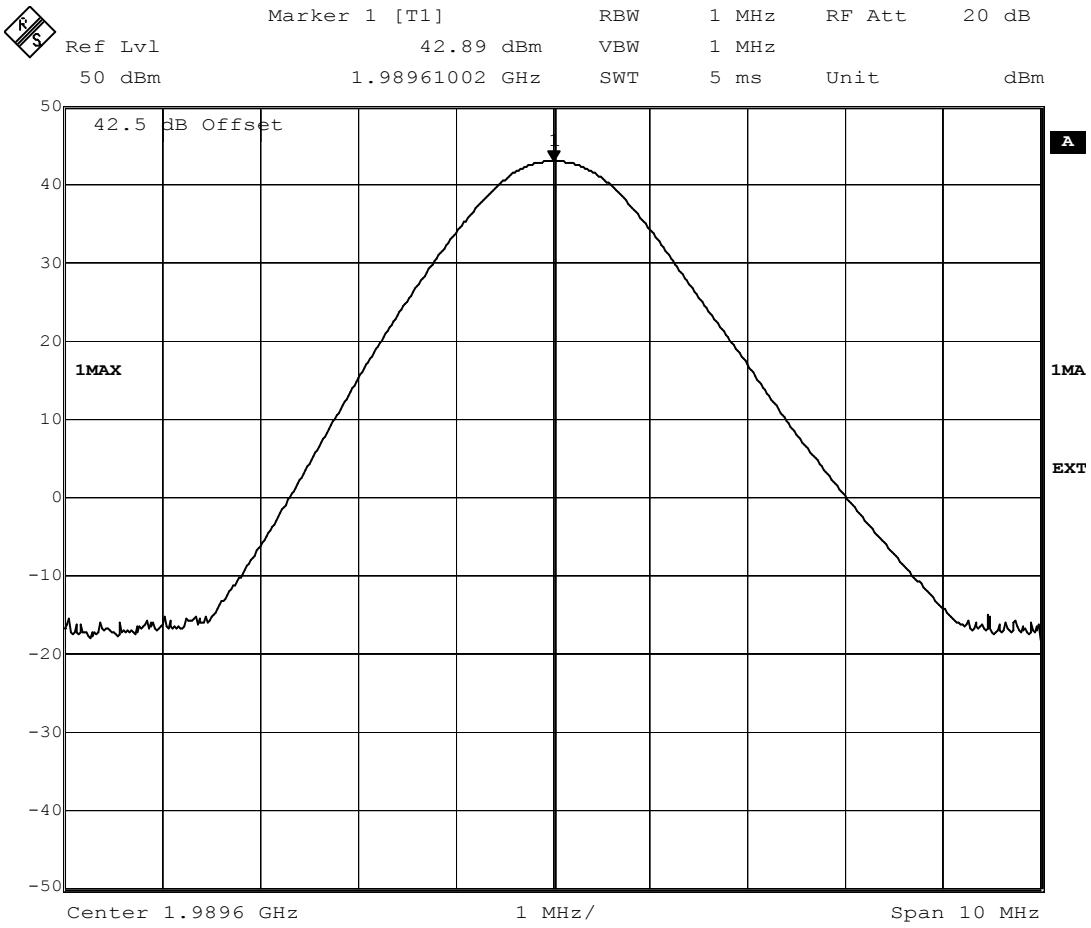
Test Of: Ericsson AB.
KRC131 139/01 sTRU-Edge Transceiver
To: FCC Part 24: 2001

GPH\44324JD01\057
CH513 Band 8PSK 45.0 dBm 8PSK – CDUA – sTRU1



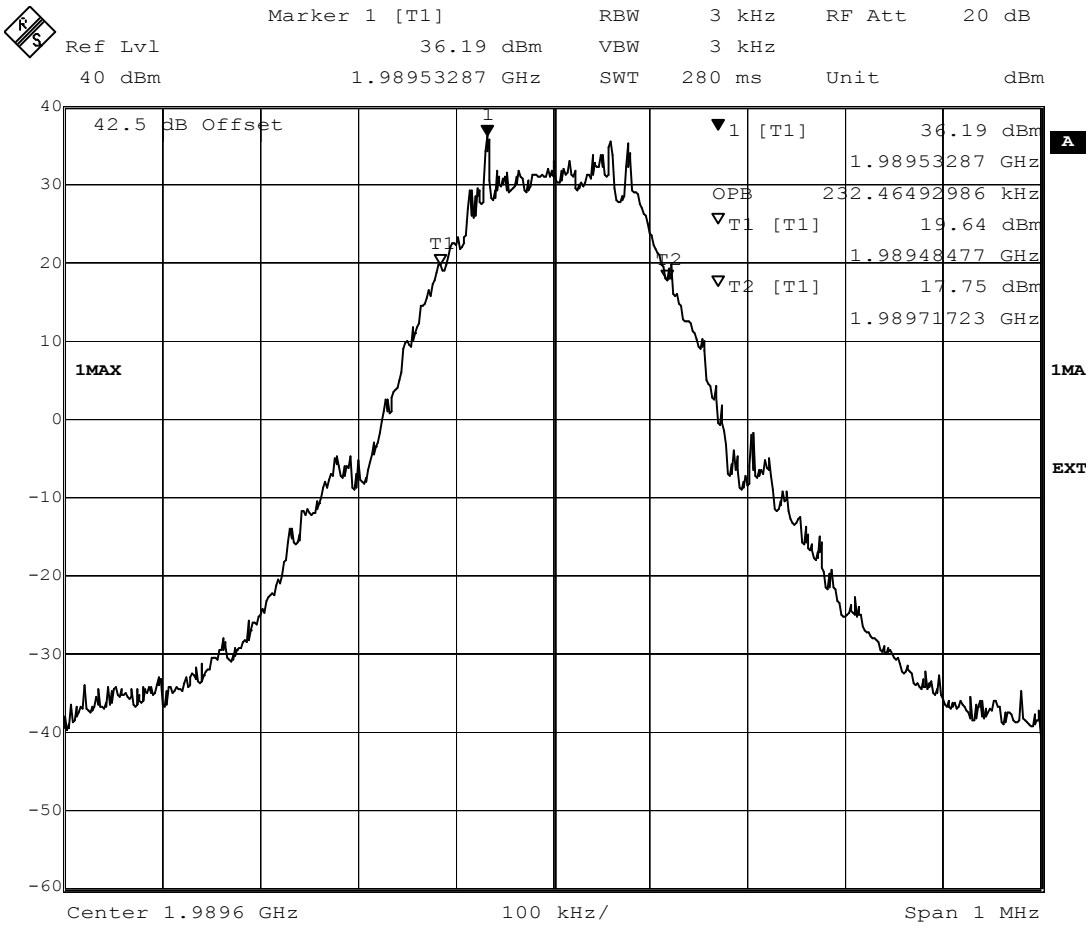
Title: Testing for Ericsson AB. RBS 2202. FCC Part 24
Comment A: CH513 OBW Band Edge. +45dBm Output Power. 8PSK Mode. CDU A Stru1.
Date: 16.JAN.2003 09:11:48

GPH\44324JD01\058
CH809 Reference Power Level 45.0 dBm 8PSK – CDUA – sTRU1



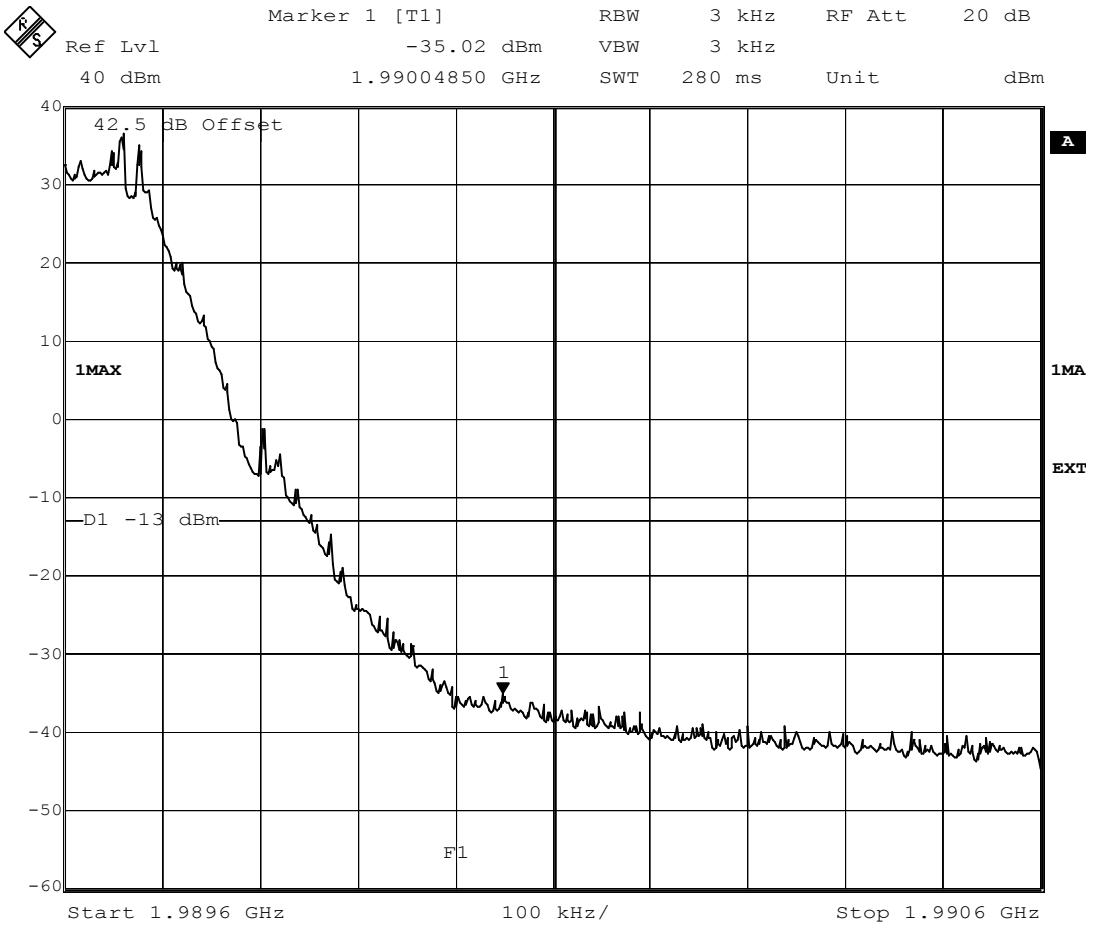
Title: Testing for Ericsson AB. RBS 2202. FCC Part 24
Comment A: CH809 OBW Reference Power Level. +45dBm Output Power. 8PSK Mode. CDU A Stru1.
Date: 16.JAN.2003 09:05:29

GPH\44324JD01\059
CH809 99% Occupied Power Bandwidth 45.0 dBm 8PSK – CDUA – sTRU1



Title: Testing for Ericsson AB. RBS 2202. FCC Part 24
Comment A: CH809 OBW 99% Occupied Power Bandwidth. +45dBm Output Power.
8PSK Mode. CDU A Stru1.
Date: 16.JAN.2003 09:04:34

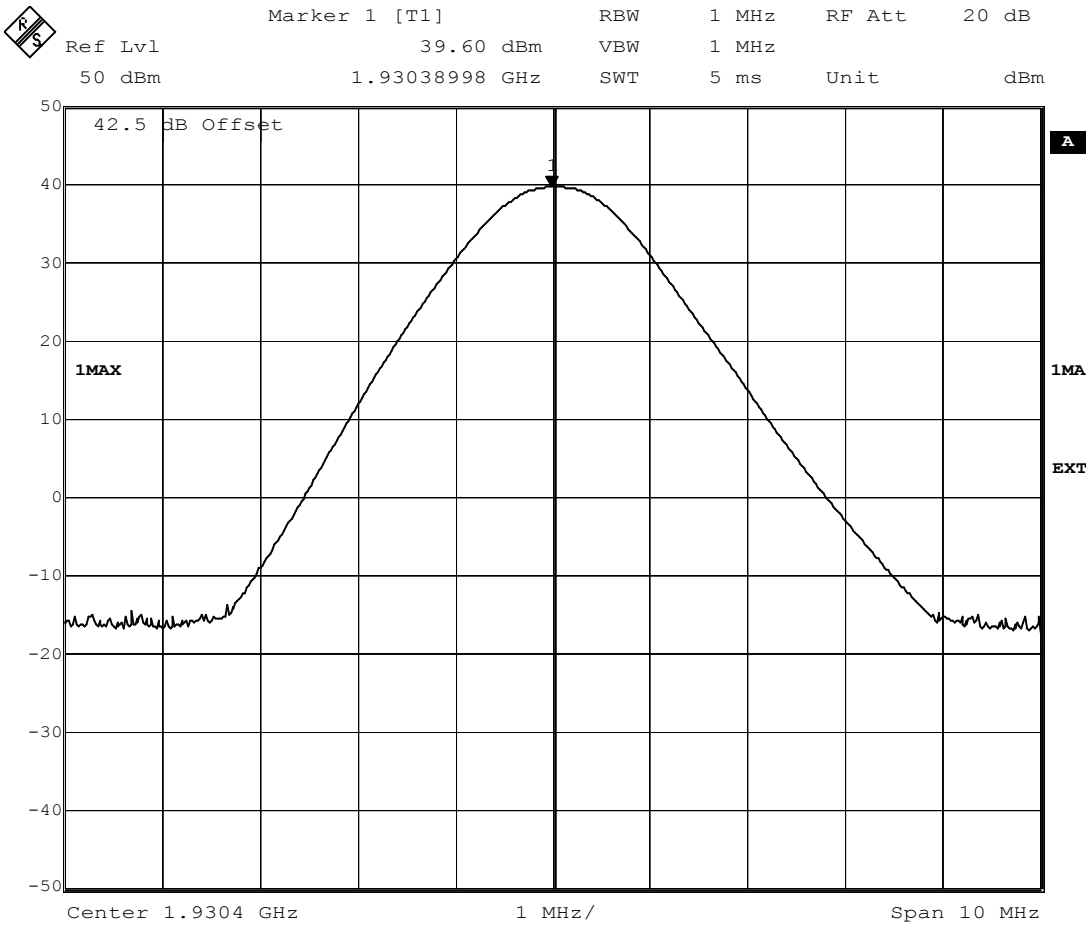
GPH\44324JD01\060
CH809 Band 8PSK 45.0 dBm 8PSK – CDUA – sTRU1



Title: Testing for Ericsson AB. RBS 2202. FCC Part 24
Comment A: CH809 OBW Band Edge. +45dBm Output Power. 8PSK Mode. CDU A Stru1.
Date: 16.JAN.2003 09:03:34

Test Of: Ericsson AB.
KRC131 139/01 sTRU-Edge Transceiver
To: FCC Part 24: 2001

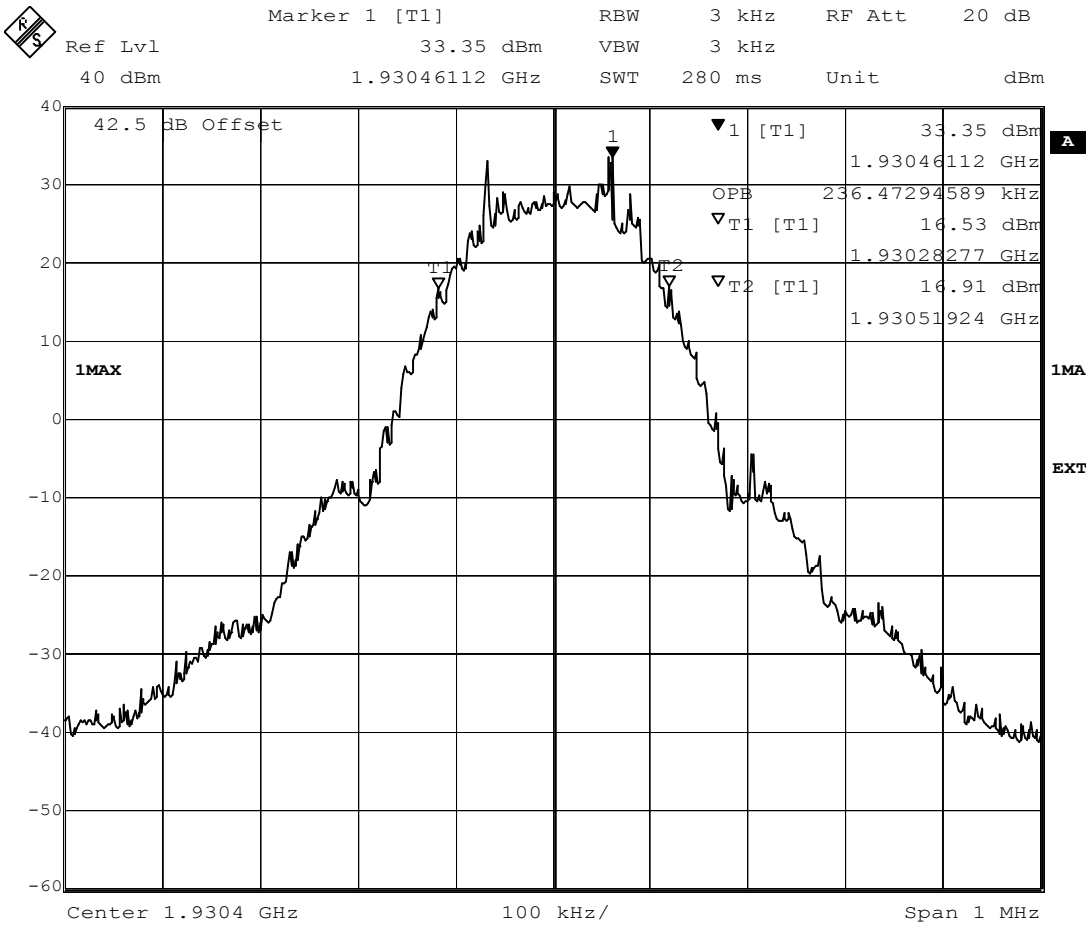
GPH\44324JD01\061
CH513 Reference Power Level 45.0 dBm 8PSK – CDUC+ – sTRU2



Title: Testing for Ericsson AB. RBS 2202. FCC Part 24
Comment A: CH513 OBW Reference Power Level. +45dBm Output Power. 8PSK Mode. CDU C+ Stru2.
Date: 16.JAN.2003 09:47:47

Test Of: Ericsson AB.
KRC131 139/01 sTRU-Edge Transceiver
To: FCC Part 24: 2001

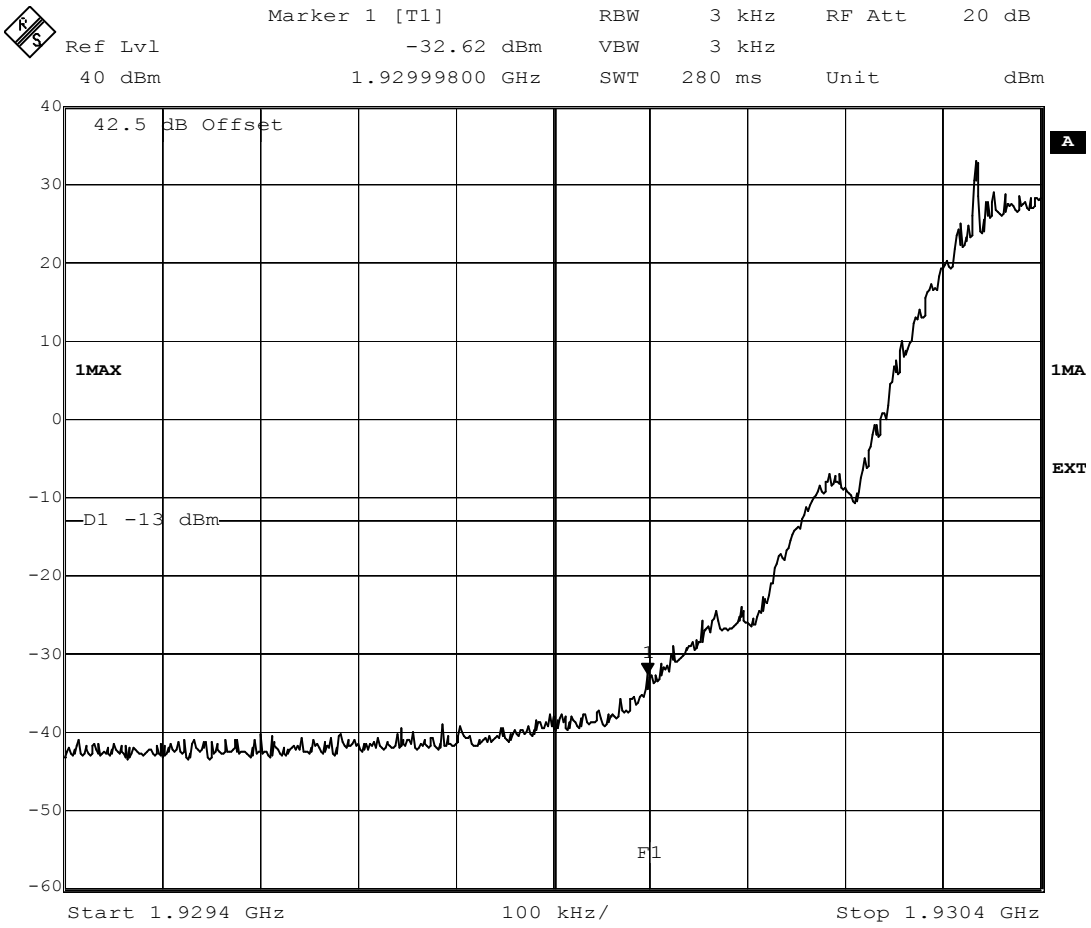
GPH\44324JD01\062
CH513 99% Occupied Power Bandwidth 45.0 dBm 8PSK – CDUC+ – sTRU2



Title: Testing for Ericsson AB. RBS 2202. FCC Part 24
Comment A: CH513 OBW 99% Occupied Power Bandwidth. +45dBm Output Power.
8PSK Mode. CDU C+ Stru2.
Date: 16.JAN.2003 09:46:01

Test Of: Ericsson AB.
KRC131 139/01 sTRU-Edge Transceiver
To: FCC Part 24: 2001

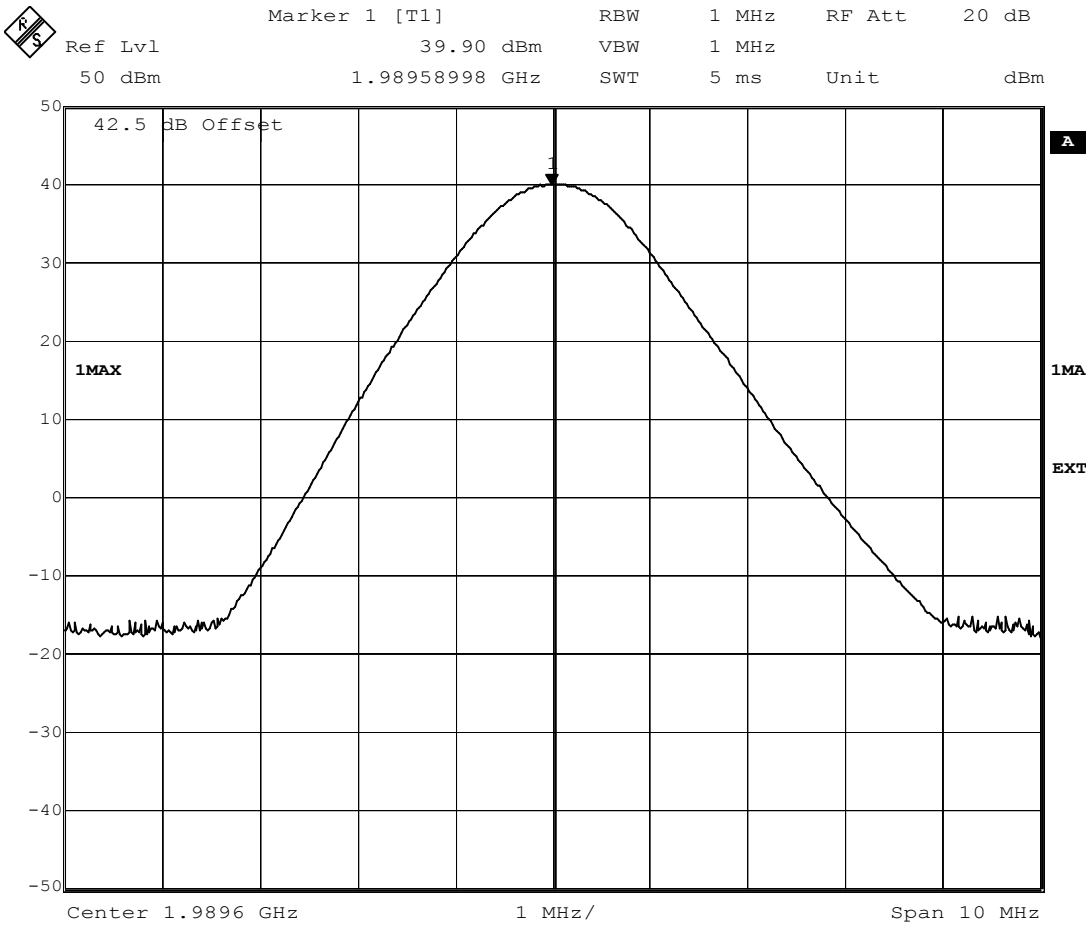
GPH\44324JD01\063
CH513 Band 8PSK 45.0 dBm 8PSK – CDUC+ – sTRU2



Title: Testing for Ericsson AB. RBS 2202. FCC Part 24
Comment A: CH513 OBW Band Edge. +45dBm Output Power. 8PSK Mode. CDU C+ Stru2.
Date: 16.JAN.2003 09:44:41

Test Of: Ericsson AB.
KRC131 139/01 sTRU-Edge Transceiver
To: FCC Part 24: 2001

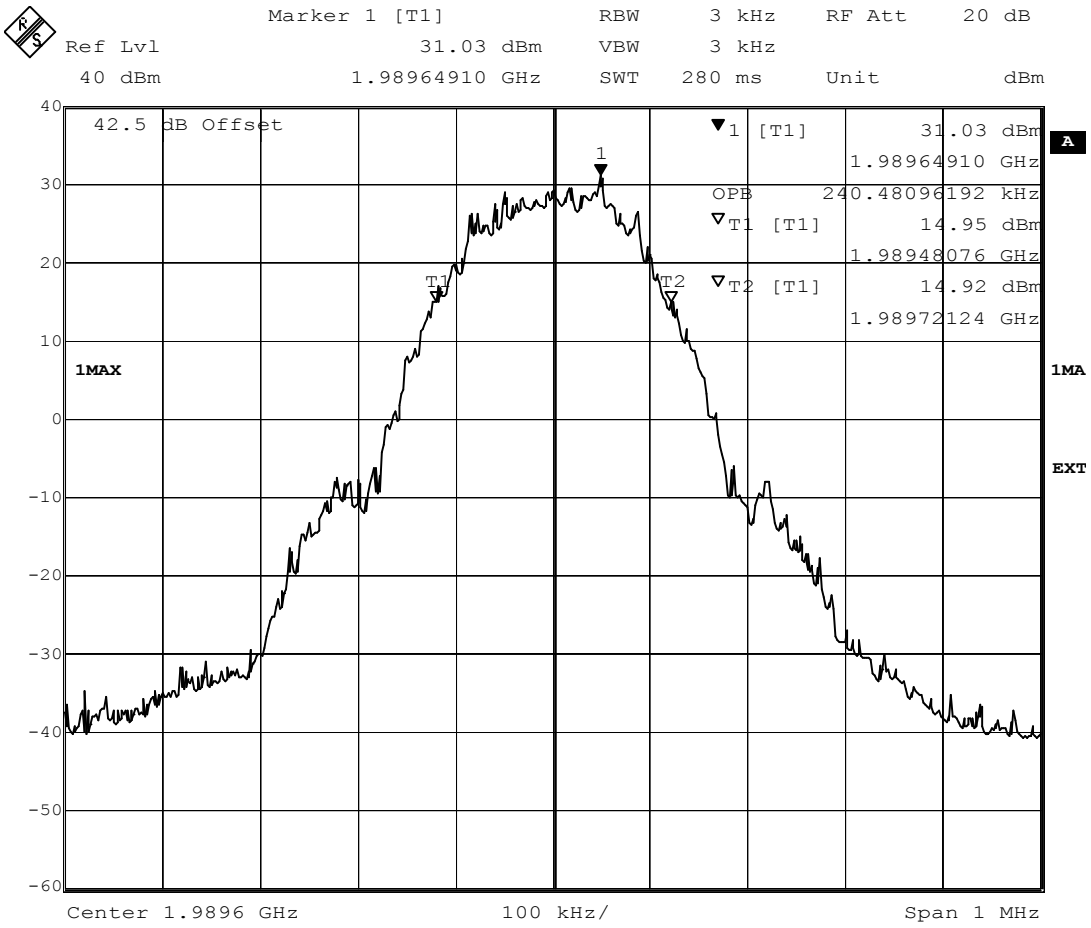
GPH\44324JD01\064
CH809 Reference Power Level 45.0 dBm 8PSK – C CDUC+ – sTRU2



Title: Testing for Ericsson AB. RBS 2202. FCC Part 24
Comment A: CH809 OBW Reference Power Level. +45dBm Output Power. 8PSK Mode. CDU C+ Stru2.
Date: 16.JAN.2003 10:08:59

Test Of: Ericsson AB.
KRC131 139/01 sTRU-Edge Transceiver
To: FCC Part 24: 2001

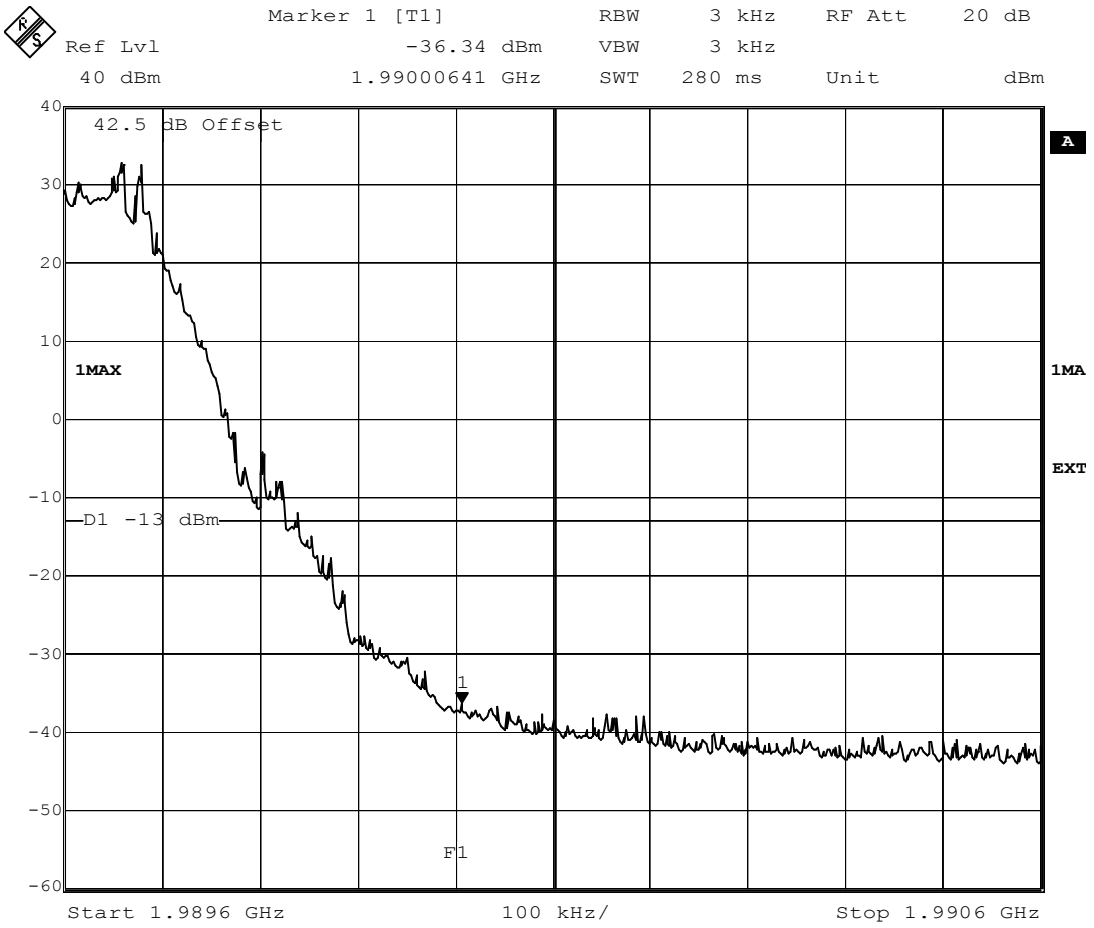
GPH\44324JD01\065
CH809 99% Occupied Power Bandwidth 45.0 dBm 8PSK – CDUC+ – sTRU2



Title: Testing for Ericsson AB. RBS 2202. FCC Part 24
Comment A: CH809 OBW 99% Occupied Power Bandwidth. +45dBm Output Power.
8PSK Mode. CDU C+ Stru2.
Date: 16.JAN.2003 10:10:14

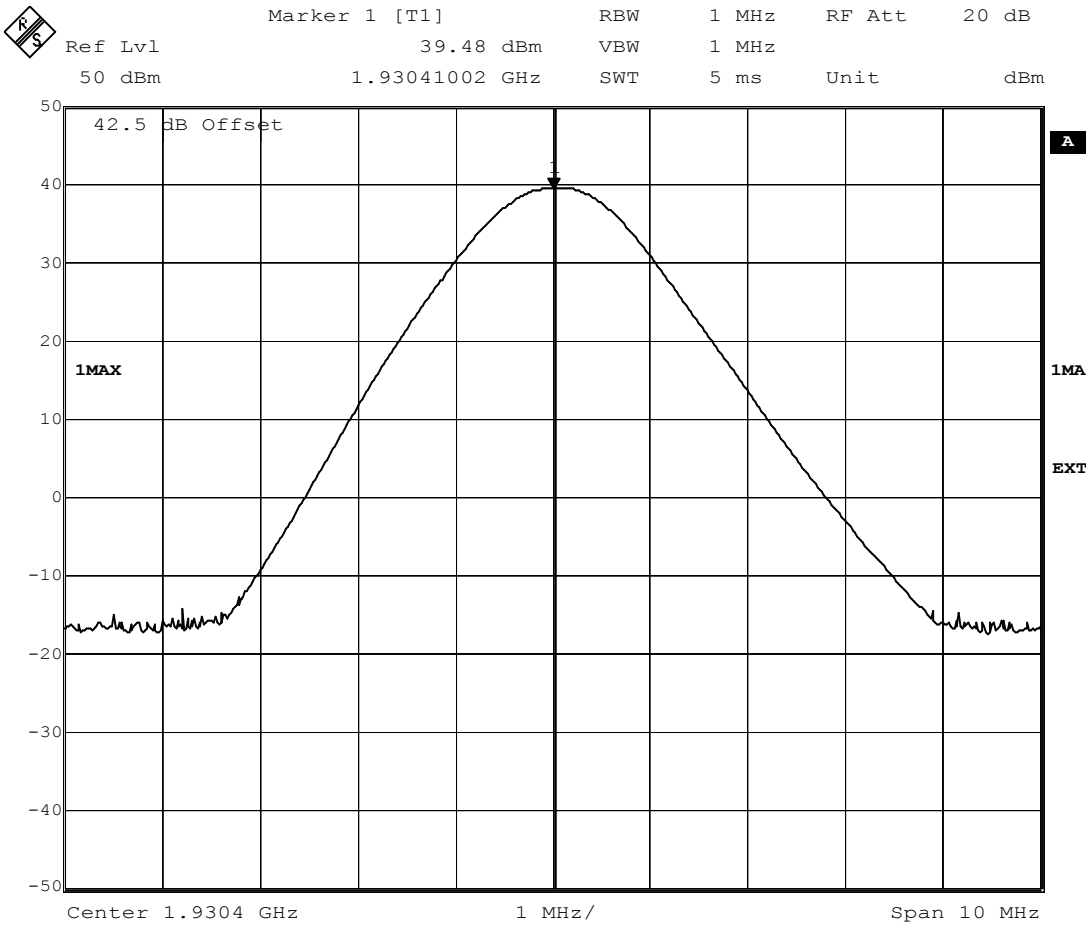
Test Of: Ericsson AB.
KRC131 139/01 sTRU-Edge Transceiver
To: FCC Part 24: 2001

GPH\44324JD01\066
CH809 Band 8PSK 45.0 dBm 8PSK – CDUC+ – sTRU2



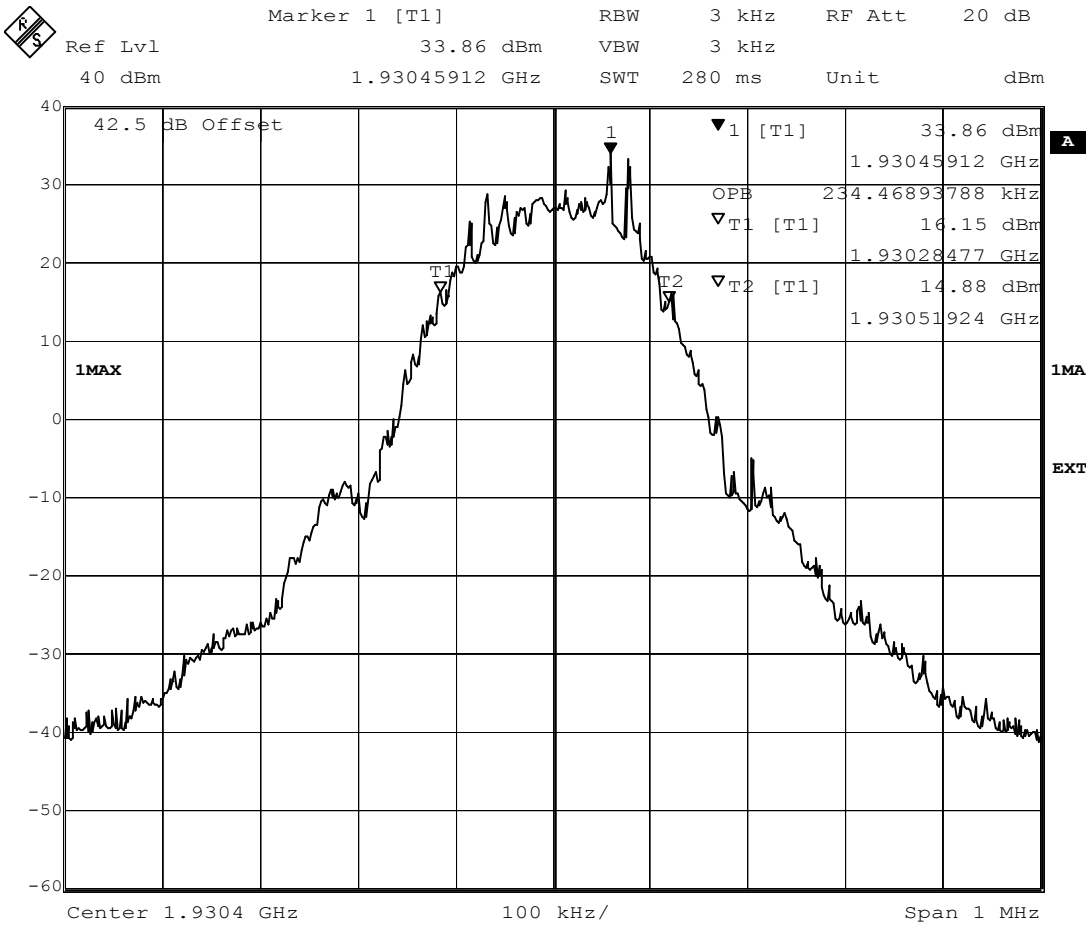
Title: Testing for Ericsson AB. RBS 2202. FCC Part 24
Comment A: CH809 OBW Band Edge. +45dBm Output Power. 8PSK Mode. CDU C+ Stru2.
Date: 16.JAN.2003 10:12:12

GPH\44324JD01\067
CH513 Reference Power Level 45.0 dBm 8PSK – CDUC+ – sTRU3



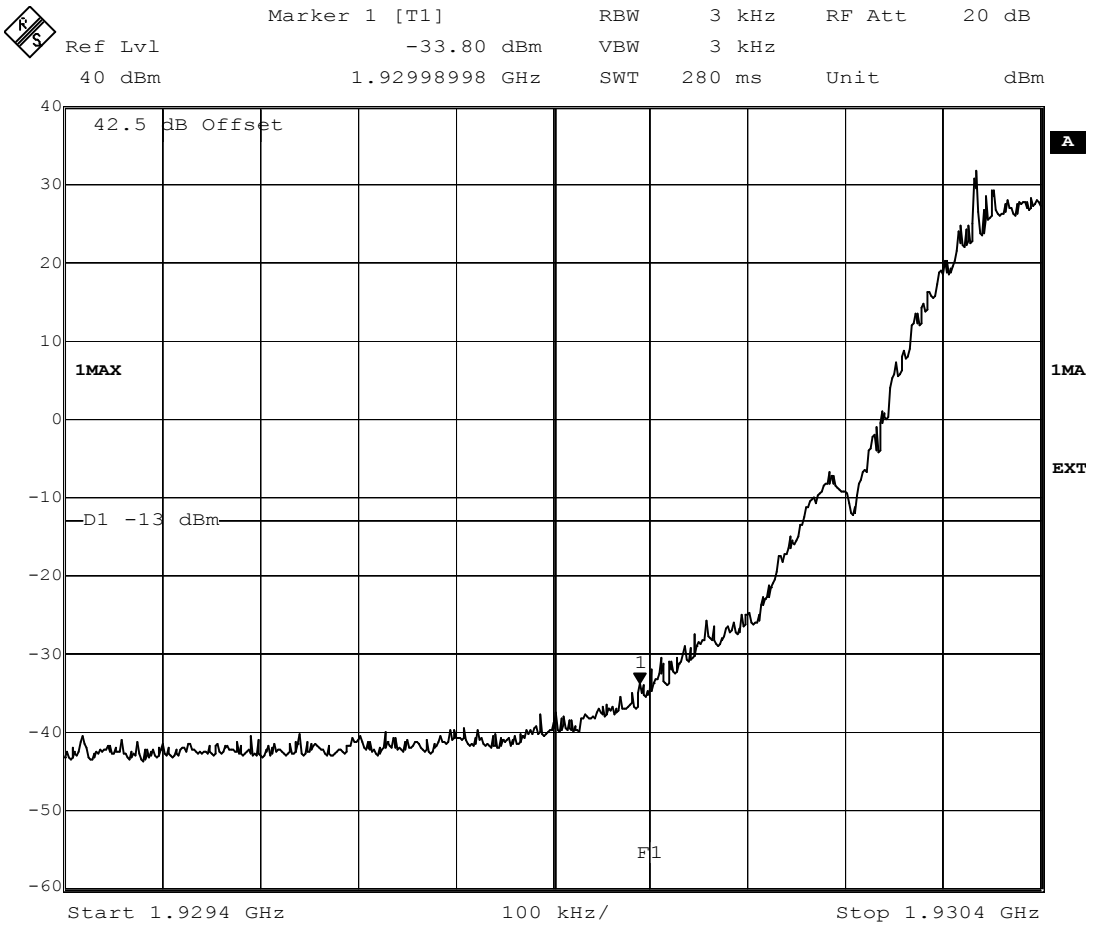
Title: Testing for Ericsson AB. RBS 2202. FCC Part 24
Comment A: CH513 OBW Reference Power Level. +45dBm Output Power. 8PSK Mode. CDU C+ Stru3.
Date: 16.JAN.2003 10:23:35

GPH\44324JD01\068
CH513 99% Occupied Power Bandwidth 45.0 dBm 8PSK – CDUC+ – sTRU3



Title: Testing for Ericsson AB. RBS 2202. FCC Part 24
Comment A: CH513 OBW 99% Occupied Power Bandwidth. +45dBm Output Power.
8PSK Mode. CDU C+ Stru3.
Date: 16.JAN.2003 10:24:40

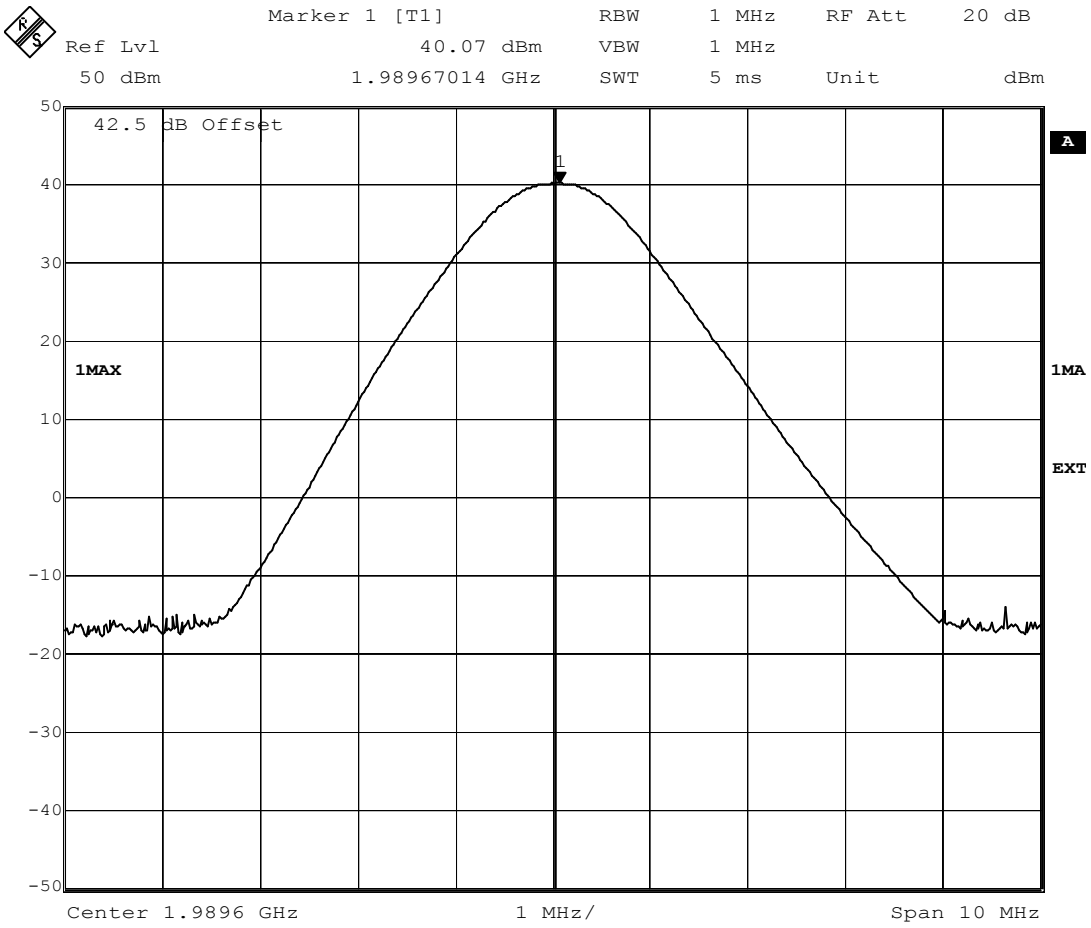
GPH\44324JD01\069
CH513 Band 8PSK 45.0 dBm 8PSK – CDUC+ – sTRU3



Title: Testing for Ericsson AB. RBS 2202. FCC Part 24
Comment A: CH513 OBW Band Edge. +45dBm Output Power. 8PSK Mode. CDU C+ Stru3.
Date: 16.JAN.2003 10:25:58

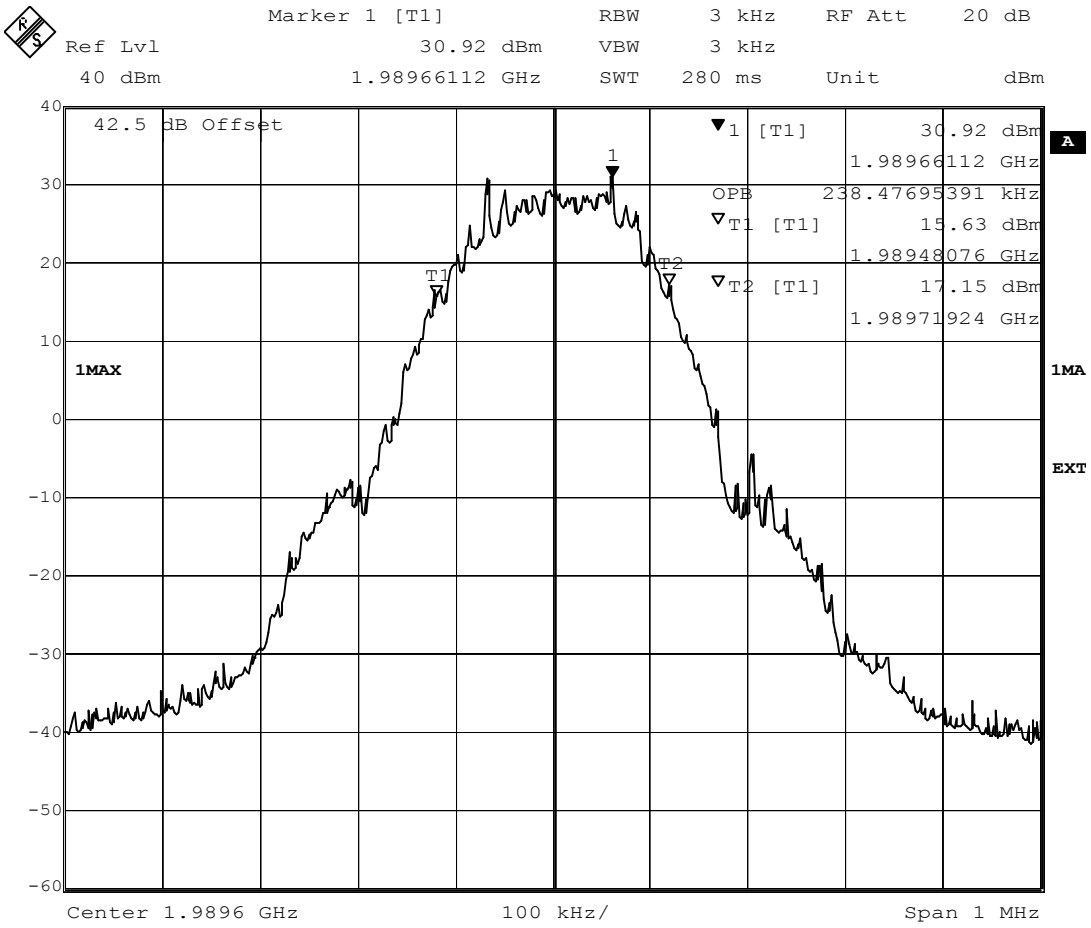
Test Of: Ericsson AB.
KRC131 139/01 sTRU-Edge Transceiver
To: FCC Part 24: 2001

GPH\44324JD01\070
CH809 Reference Power Level 45.0 dBm 8PSK – CDUC+ – sTRU3



Title: Testing for Ericsson AB. RBS 2202. FCC Part 24
Comment A: CH809 OBW Reference Power Level. +45dBm Output Power. 8PSK Mode. CDU C+ Stru3.
Date: 16.JAN.2003 10:19:09

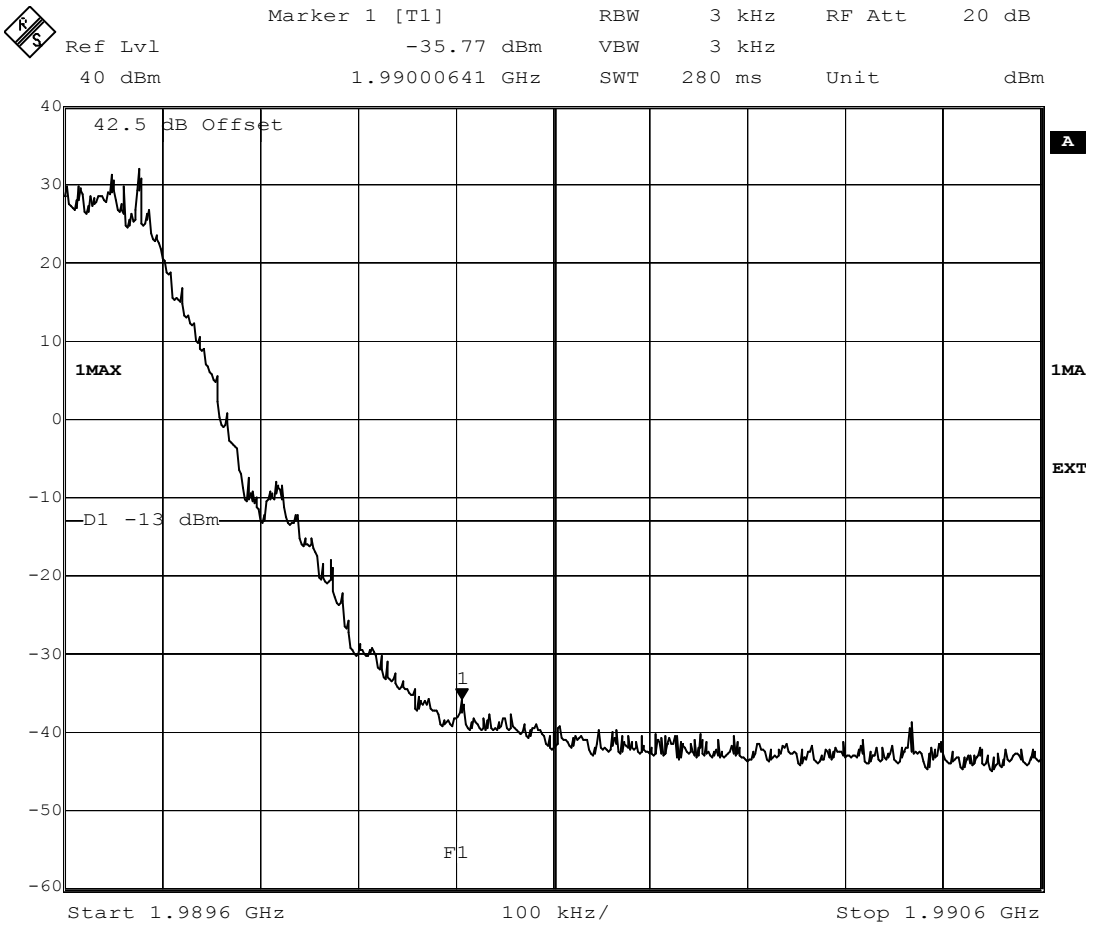
GPH\44324JD01\071
CH809 99% Occupied Power Bandwidth 45.0 dBm 8PSK – CDUC+ – sTRU3



Title: Testing for Ericsson AB. RBS 2202. FCC Part 24
Comment A: CH809 OBW 99% Occupied Power Bandwidth. +45dBm Output Power.
8PSK Mode. CDU C+ Stru3.
Date: 16.JAN.2003 10:18:03

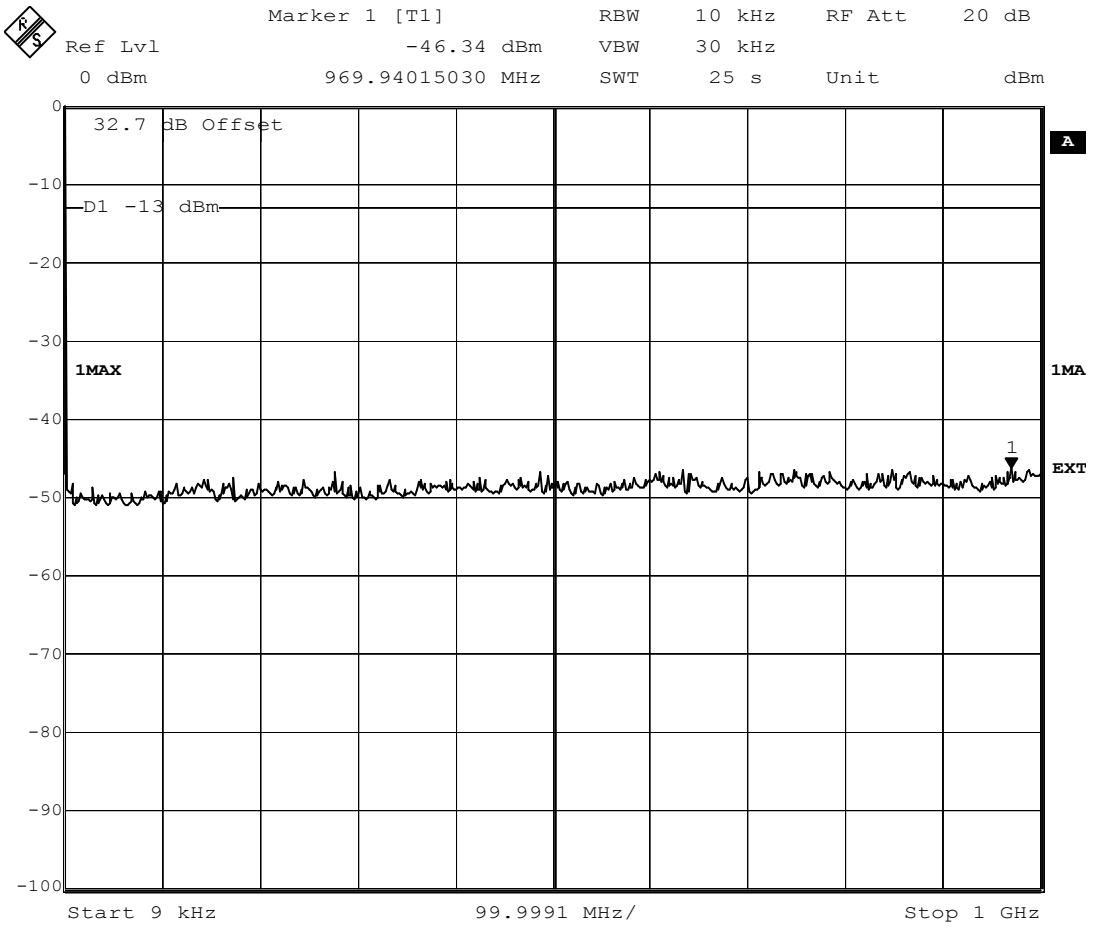
Test Of: Ericsson AB.
KRC131 139/01 sTRU-Edge Transceiver
To: FCC Part 24: 2001

GPH\44324JD01\072
CH809 Band 8PSK 45.0 dBm 8PSK – CDUC+ – sTRU3



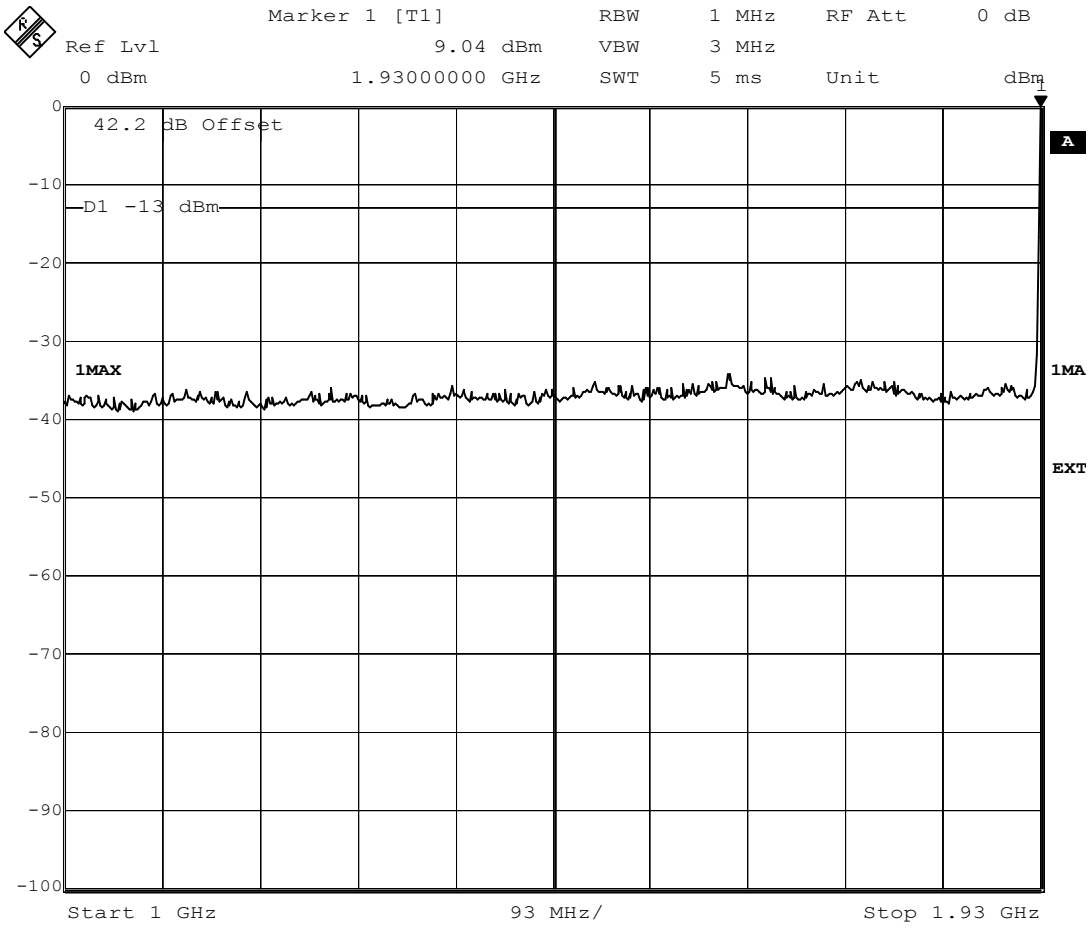
Title: Testing for Ericsson AB. RBS 2202. FCC Part 24
Comment A: CH809 OBW Band Edge. +45dBm Output Power. 8PSK Mode. CDU C+ Stru3.
Date: 16.JAN.2003 10:17:10

GPH\44324JD01\073
CH513 – CH538 Spurious Emissions 8PSK – 9k – 1G – CDUA – sTRU0



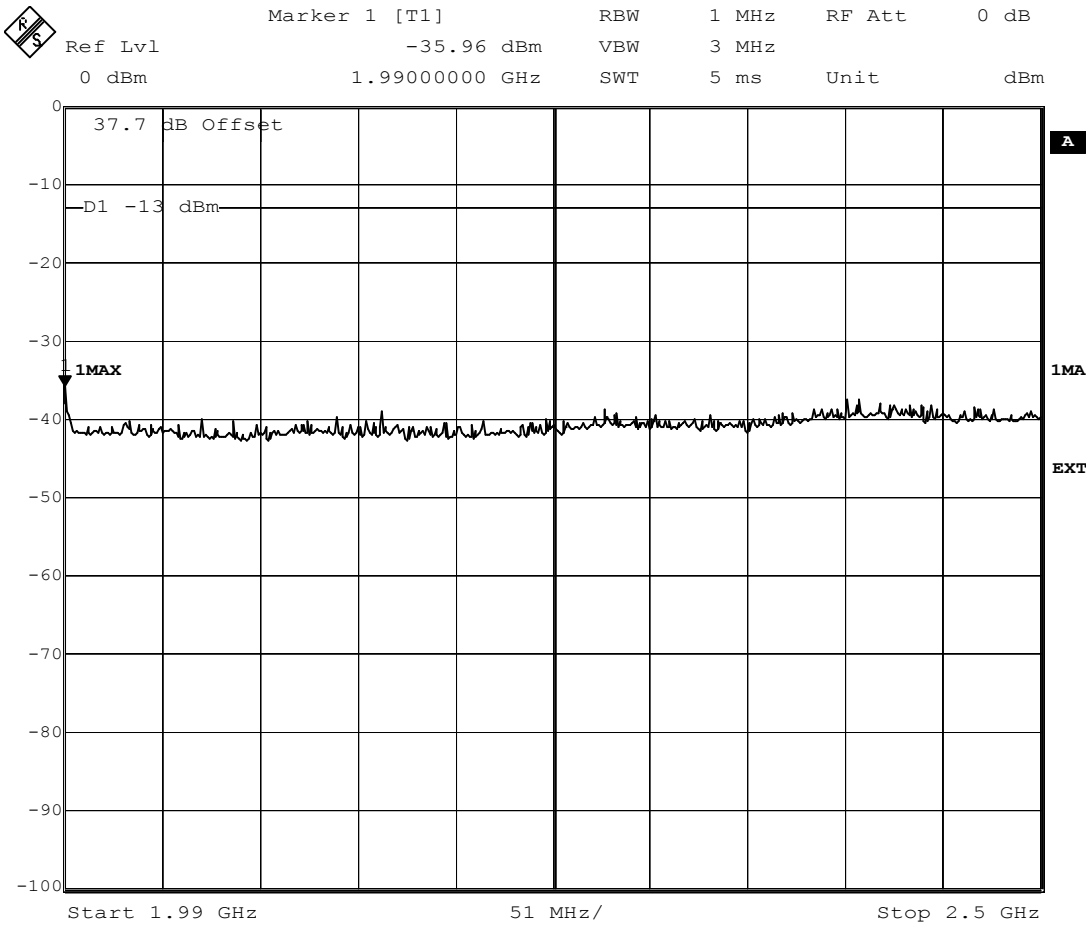
Title: Testing for Ericsson AB. RBS 2202. FCC Part 24
Comment A: Spurious Emissions. Ch513_Ch538. 8PSK Mode. CDU A Stru0.
Date: 17.JAN.2003 15:17:22

GPH\44324JD01\074
CH513 – CH538 Spurious Emissions 8PSK – 1G – 1.93G – CDUA – sTRU0



Title: Testing for Ericsson AB. RBS 2202. FCC Part 24
Comment A: Spurious Emissions. Ch513_Ch538. 8PSK Mode. CDU A Stru0.
Date: 17.JAN.2003 13:32:18

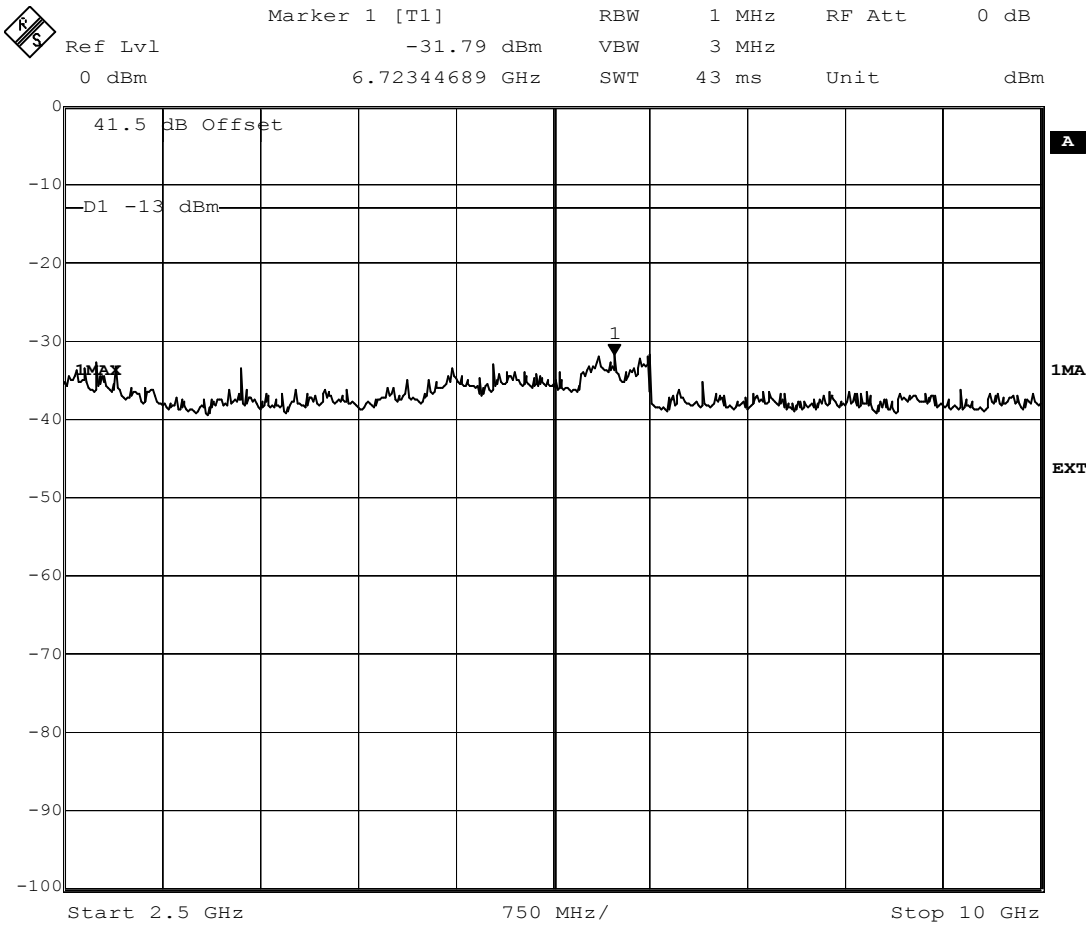
GPH\44324JD01\075
CH513 – CH538 Spurious Emissions 8PSK – 1.99G – 2.5G – CDUA – sTRU0



Title: Testing for Ericsson AB. RBS 2202. FCC Part 24
Comment A: Spurious Emissions. Ch513_Ch538. 8PSK Mode. CDU A Stru0.
Date: 17.JAN.2003 13:33:27

Test Of: **Ericsson AB.**
KRC131 139/01 sTRU-Edge Transceiver
To: **FCC Part 24: 2001**

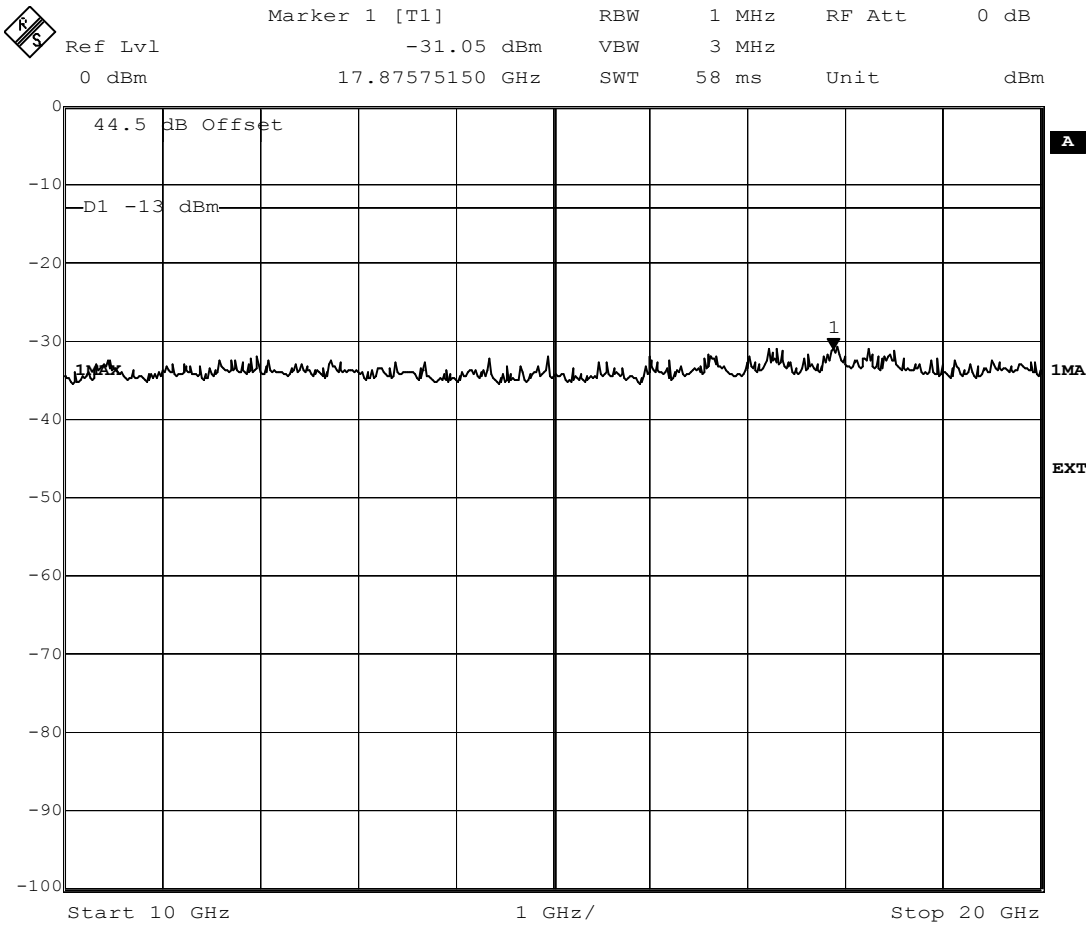
GPH\44324JD01\076
CH513 – CH538 Spurious Emissions 8PSK – 2.5G – 10G – CDUA – sTRU0



Title: Testing for Ericsson AB. RBS 2202. FCC Part 24
Comment A: Spurious Emissions. Ch513_Ch538. 8PSK Mode. CDU A Stru0.
Date: 17.JAN.2003 13:36:10

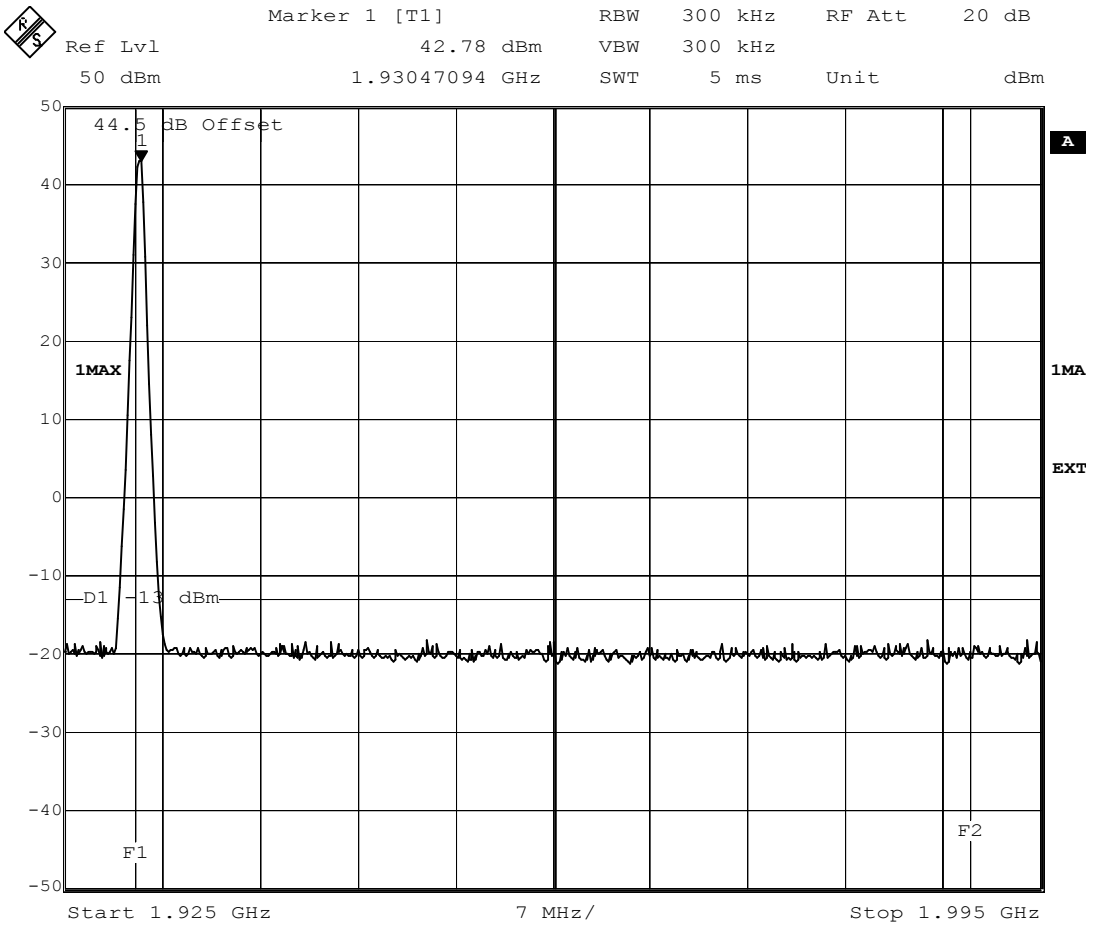
Test Of: Ericsson AB.
KRC131 139/01 sTRU-Edge Transceiver
To: FCC Part 24: 2001

GPH\44324JD01\077
CH513 – CH538 Spurious Emissions 8PSK – 10G – 20G – CDUA – sTRU0



Title: Testing for Ericsson AB. RBS 2202. FCC Part 24
Comment A: Spurious Emissions. Ch513_Ch538. 8PSK Mode. CDU A Stru0.
Date: 17.JAN.2003 13:43:26

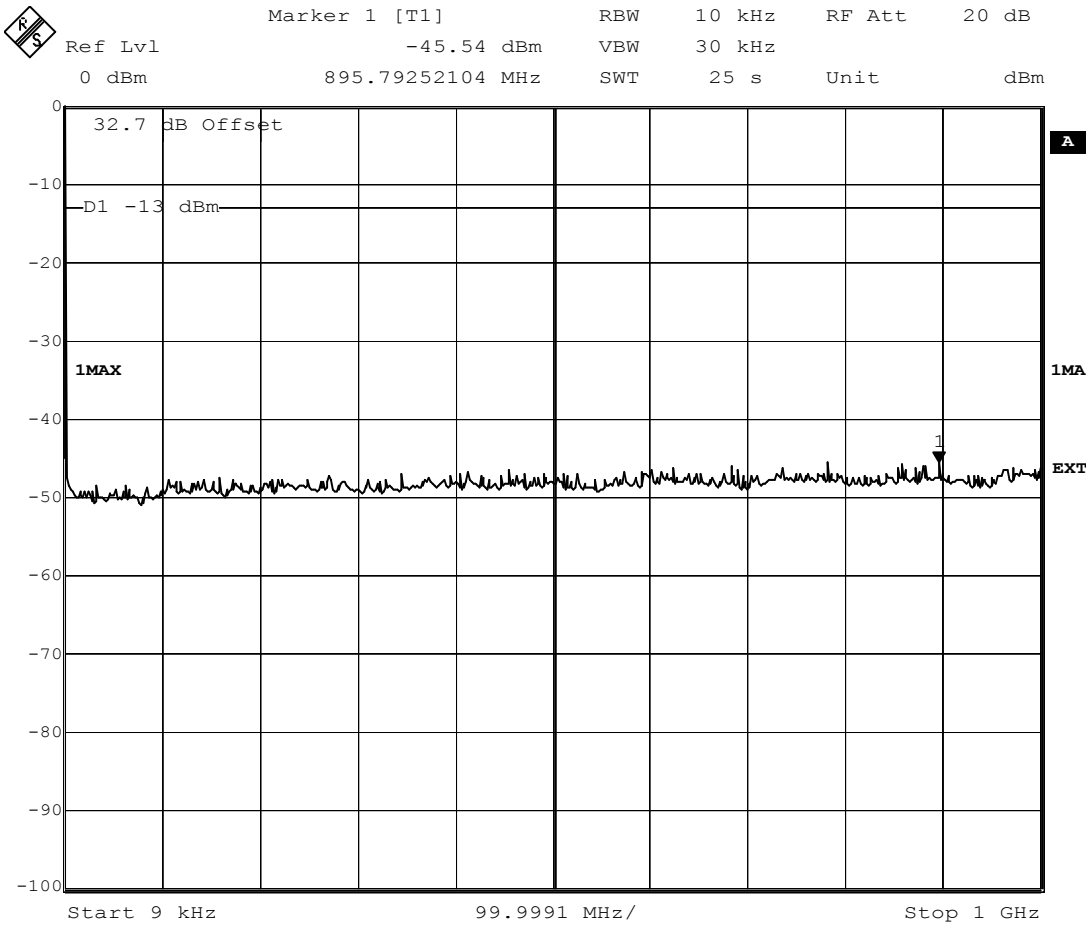
GPH\44324JD01\078
CH513 – CH538 Intermodulation Test 8PSK – CDUA – sTRU0



Title: Testing for Ericsson AB. RBS 2202. FCC Part 24
Comment A: Intermodulation Test. Ch513_Ch538. 8PSK Mode. CDU A Stru0.
Date: 17.JAN.2003 13:39:25

Test Of: Ericsson AB.
KRC131 139/01 sTRU-Edge Transceiver
To: FCC Part 24: 2001

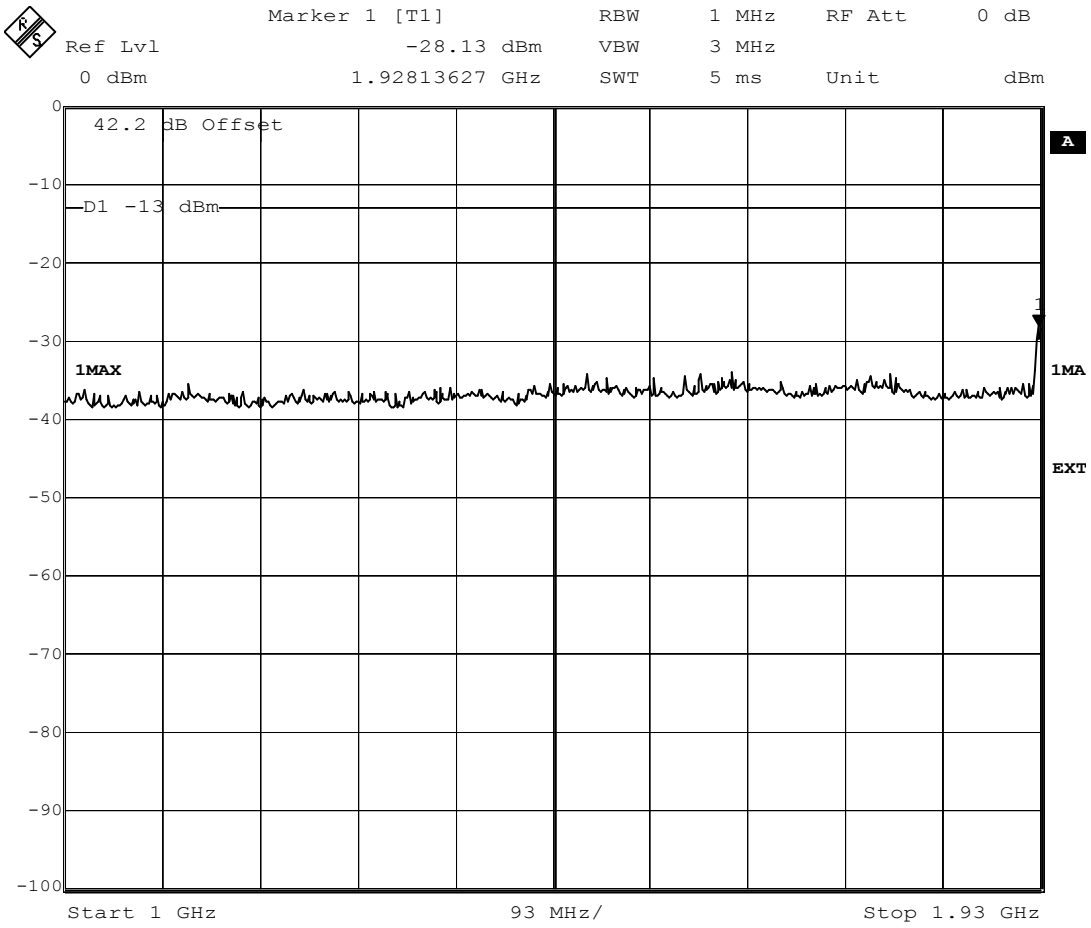
GPH\44324JD01\079
CH809 – CH784 Spurious Emissions 8PSK – 9k – 1G – CDUA – sTRU0



Title: Testing for Ericsson AB. RBS 2202. FCC Part 24
Comment A: Spurious Emissions. Ch809_Ch784. 8PSK Mode. CDU A Stru0.
Date: 17.JAN.2003 15:14:38

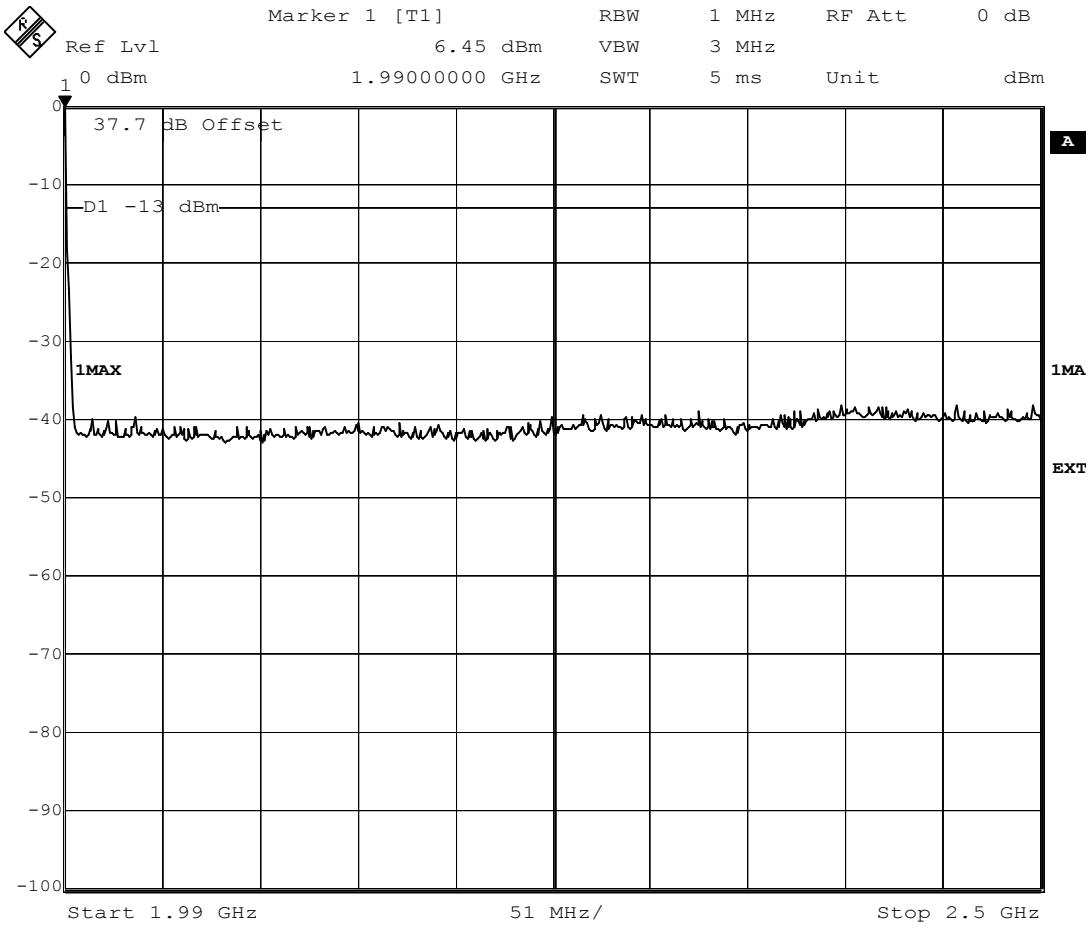
Test Of: **Ericsson AB.**
KRC131 139/01 sTRU-Edge Transceiver
To: **FCC Part 24: 2001**

GPH\44324JD01\080
CH809 – CH784 Spurious Emissions 8PSK – 1G – 1.93G – CDUA – sTRU0



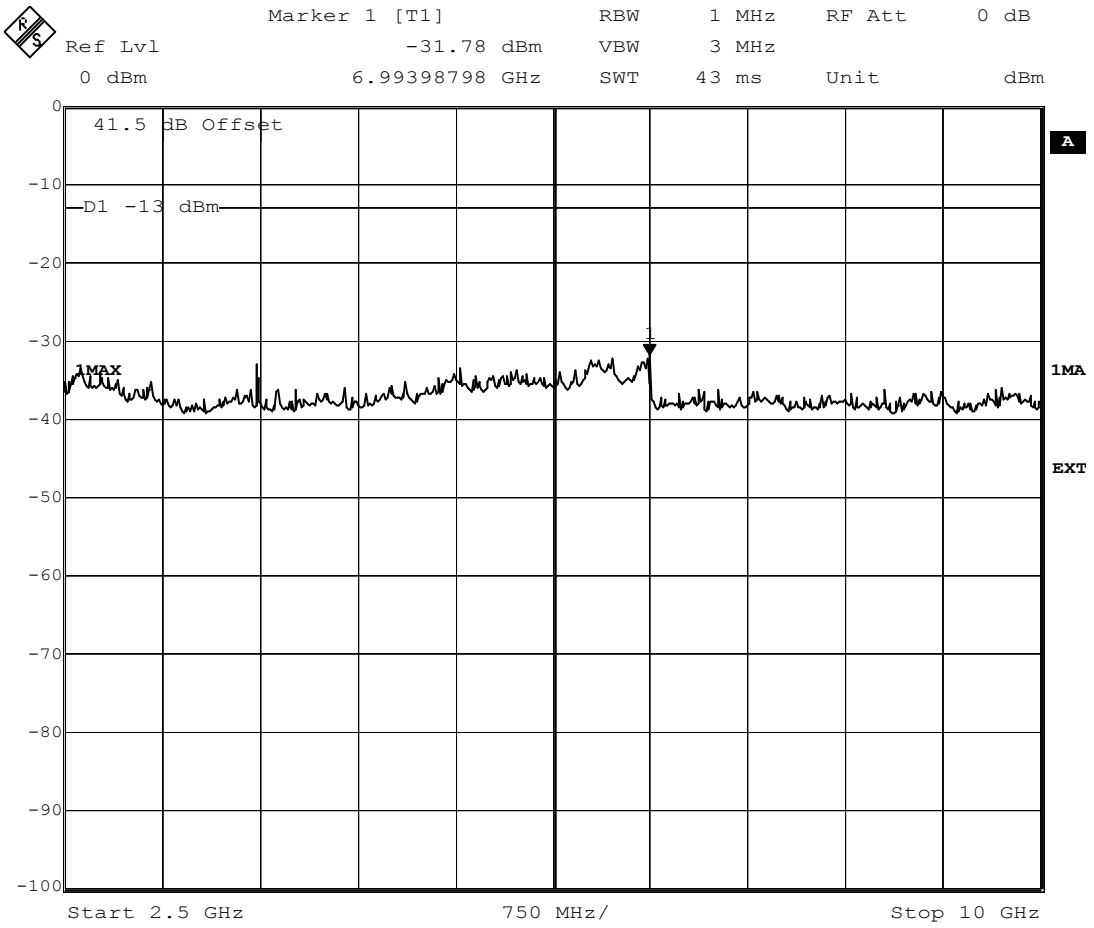
Title: Testing for Ericsson AB. RBS 2202. FCC Part 24
Comment A: Spurious Emissions. Ch809_Ch784. 8PSK Mode. CDU A Stru0.
Date: 17.JAN.2003 15:43:04

GPH\44324JD01\081
CH809 – CH784 Spurious Emissions 8PSK – 1.99G – 2.5G – CDUA – sTRU0



Title: Testing for Ericsson AB. RBS 2202. FCC Part 24
Comment A: Spurious Emissions. Ch809_Ch784. 8PSK Mode. CDU A Stru0.
Date: 17.JAN.2003 15:43:53

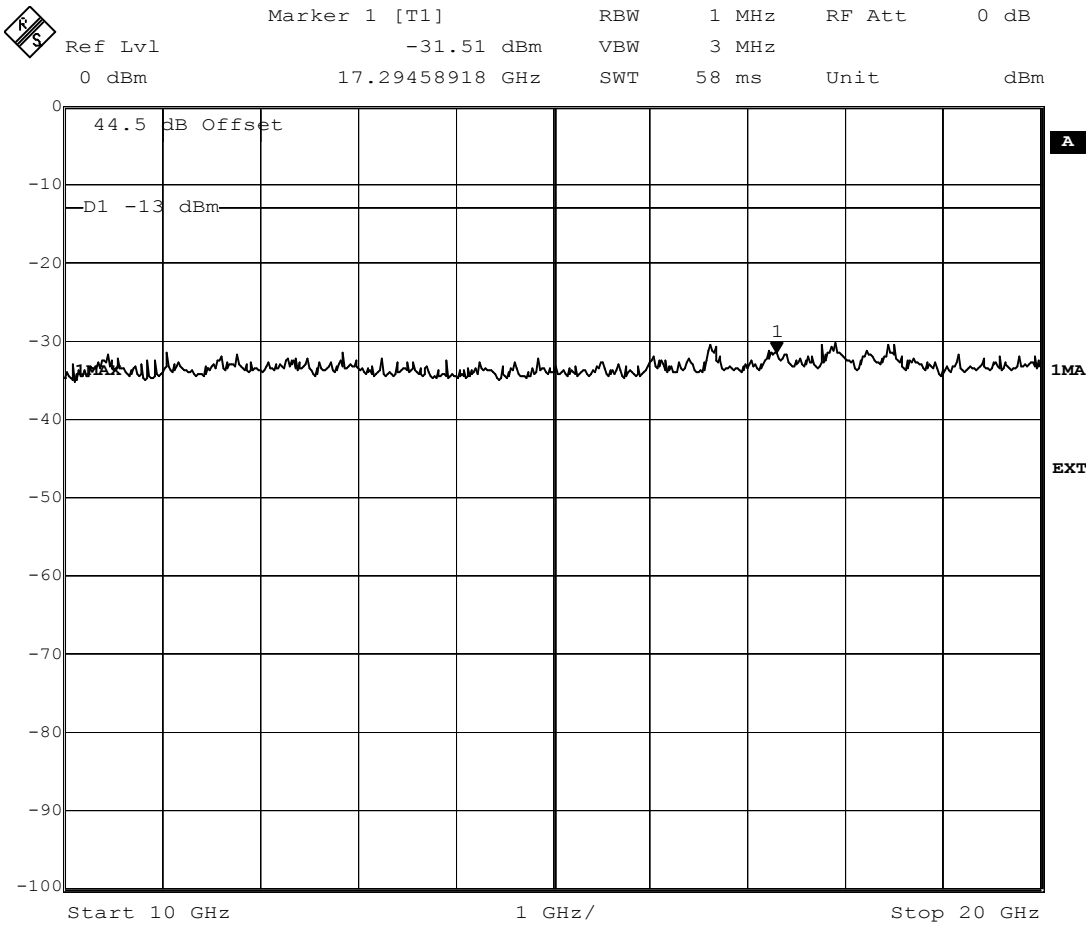
GPH\44324JD01\082
CH809 – CH784 Spurious Emissions 8PSK – 2.5G – 10G – CDUA – sTRU0



Title: Testing for Ericsson AB. RBS 2202. FCC Part 24
Comment A: Spurious Emissions. Ch809_Ch784. 8PSK Mode. CDU A Stru0.
Date: 17.JAN.2003 15:46:56

Test Of: **Ericsson AB.**
KRC131 139/01 sTRU-Edge Transceiver
To: **FCC Part 24: 2001**

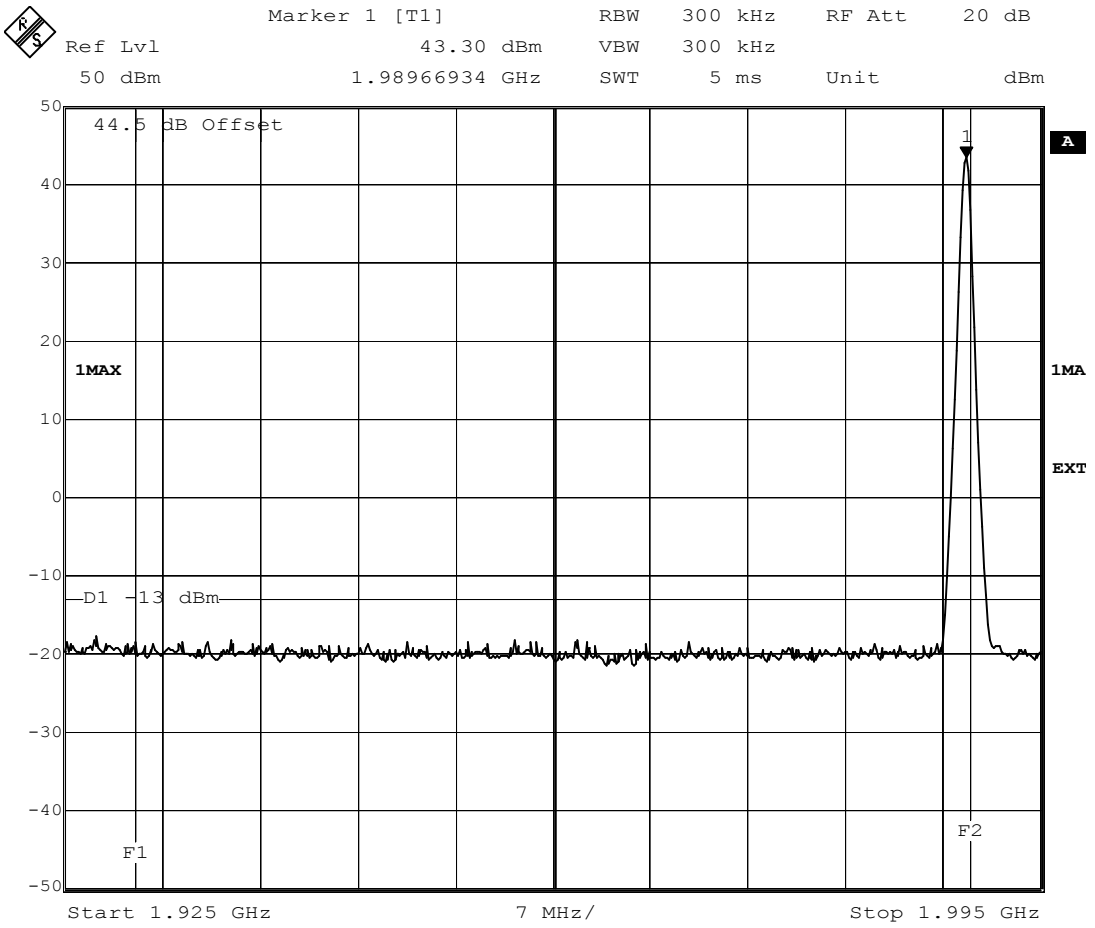
GPH\44324JD01\083
CH809 – CH784 Spurious Emissions 8PSK – 10G – 20G – CDUA – sTRU0



Title: Testing for Ericsson AB. RBS 2202. FCC Part 24
Comment A: Spurious Emissions. Ch809_Ch784. 8PSK Mode. CDU A Stru0.
Date: 17.JAN.2003 16:07:17

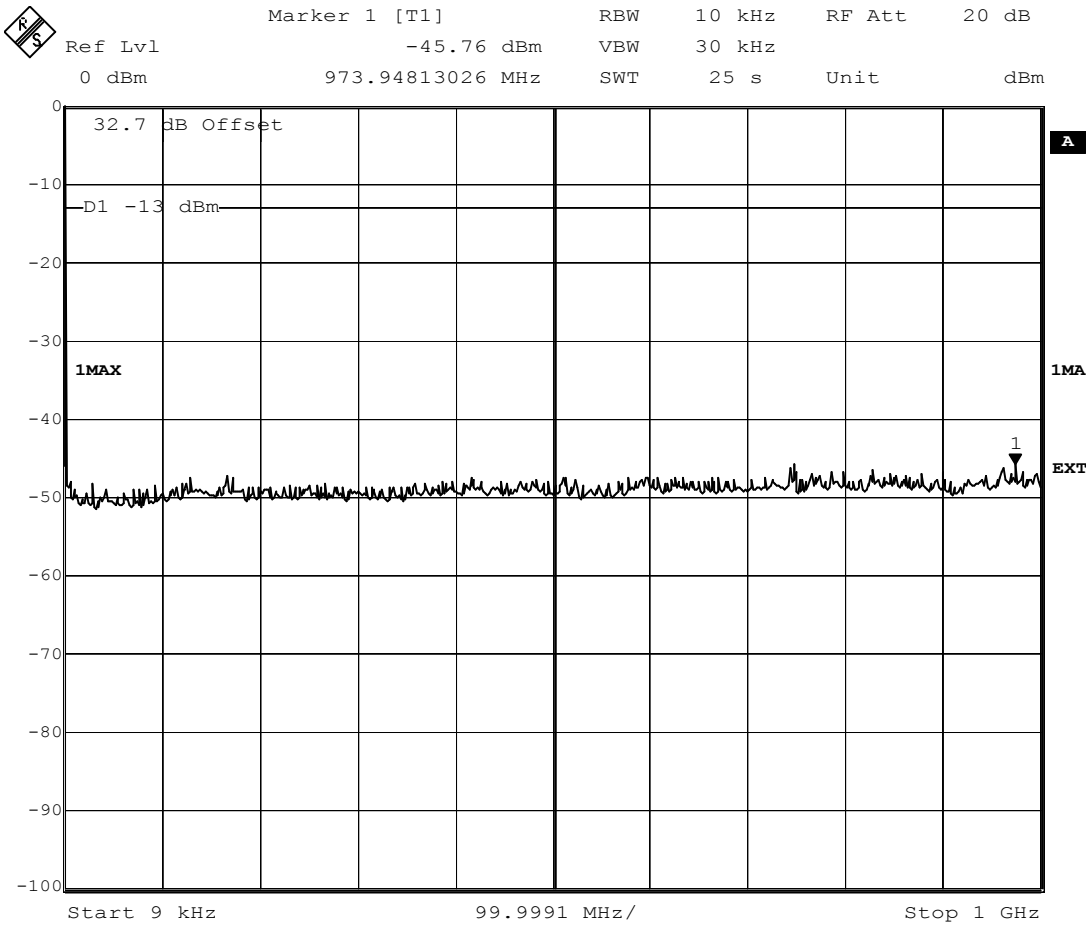
Test Of: **Ericsson AB.**
KRC131 139/01 sTRU-Edge Transceiver
To: **FCC Part 24: 2001**

GPH\44324JD01\084
CH809 – CH784 Intermodulation Test 8PSK – CDUA – sTRU0



Title: Testing for Ericsson AB. RBS 2202. FCC Part 24
Comment A: Intermodulation Test. Ch809_Ch784. 8PSK Mode. CDU A Stru0.
Date: 17.JAN.2003 15:49:01

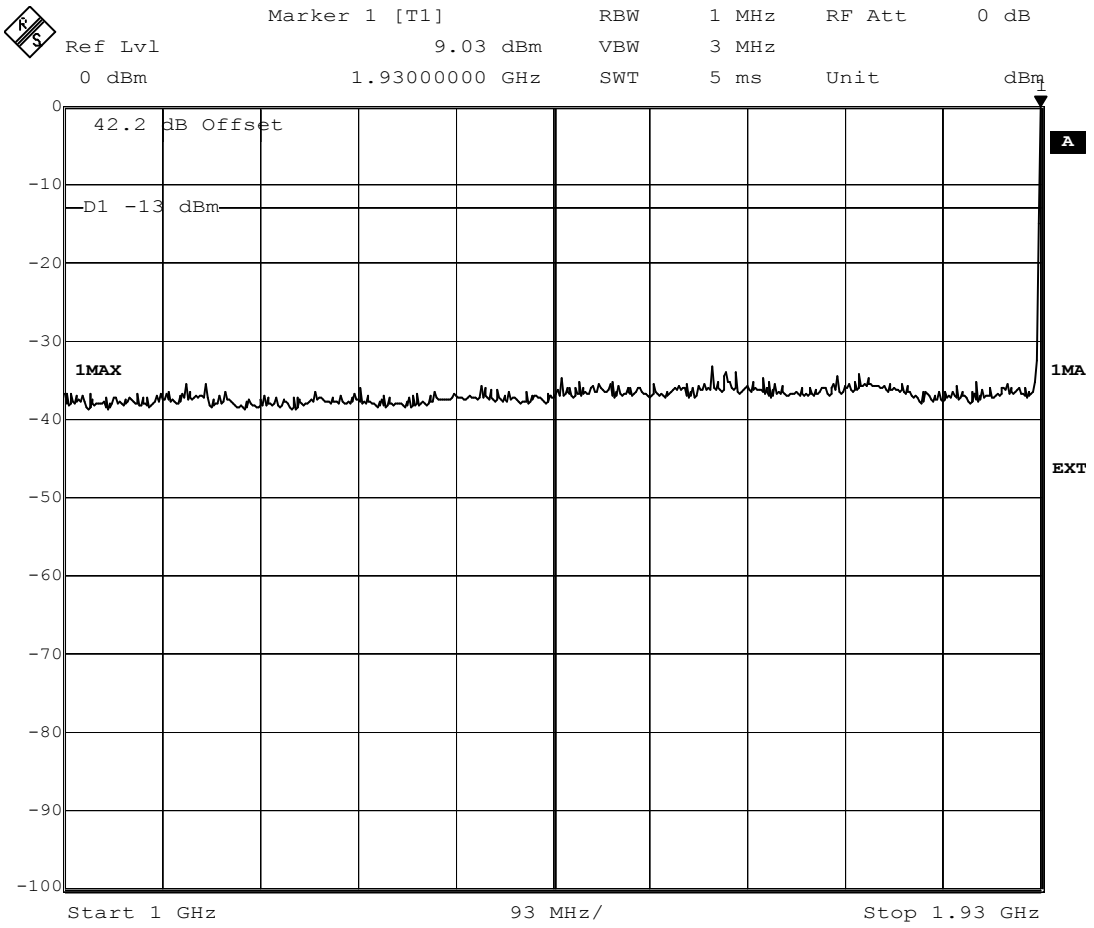
GPH\44324JD01\085
CH513 – CH538 Spurious Emissions 8PSK – 9k – 1G – CDUA – sTRU1



Title: Testing for Ericsson AB. RBS 2202. FCC Part 24
Comment A: Spurious Emissions. Ch513_Ch538. 8PSK Mode. CDU A Stru1.
Date: 20.JAN.2003 08:09:57

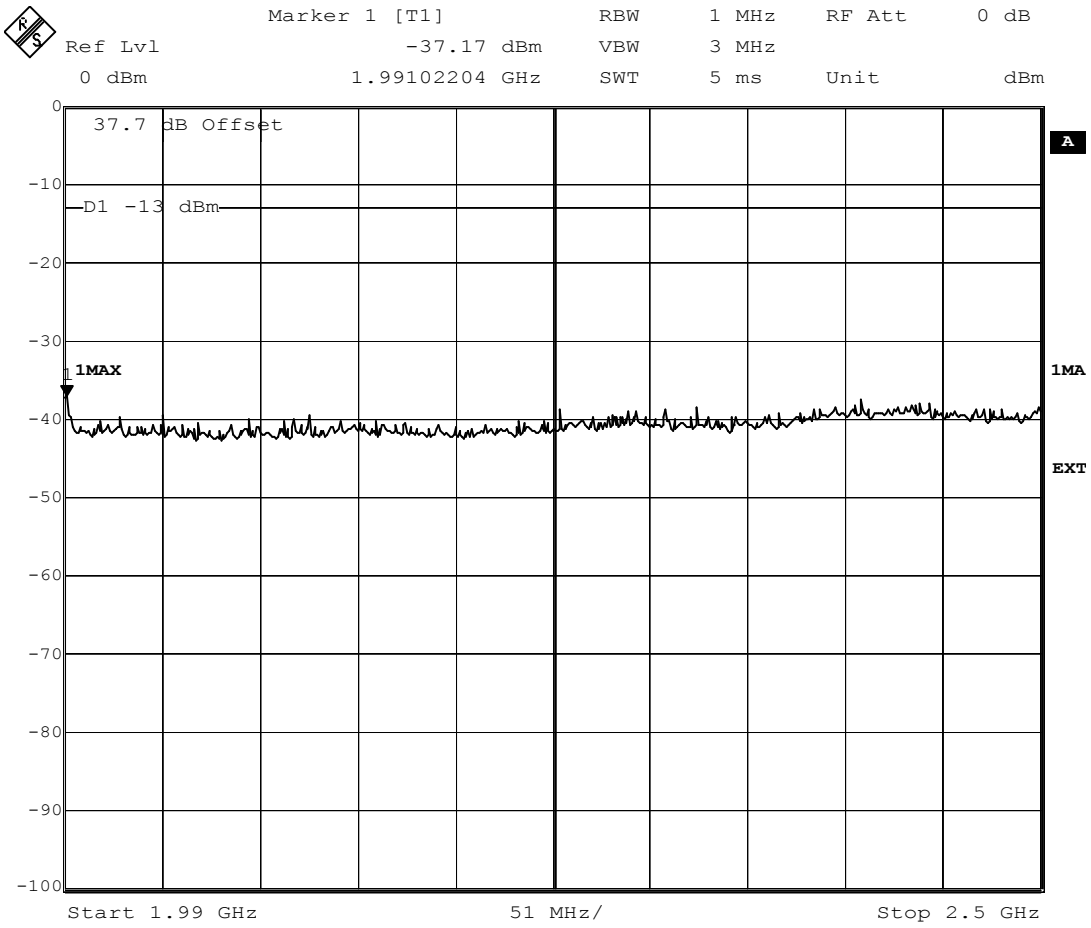
Test Of: Ericsson AB.
KRC131 139/01 sTRU-Edge Transceiver
To: FCC Part 24: 2001

GPH\44324JD01\086
CH513 – CH538 Spurious Emissions 8PSK – 1G – 1.93G – CDUA – sTRU1



Title: Testing for Ericsson AB. RBS 2202. FCC Part 24
Comment A: Spurious Emissions. Ch513_Ch538. 8PSK Mode. CDU A Stru1.
Date: 20.JAN.2003 08:07:52

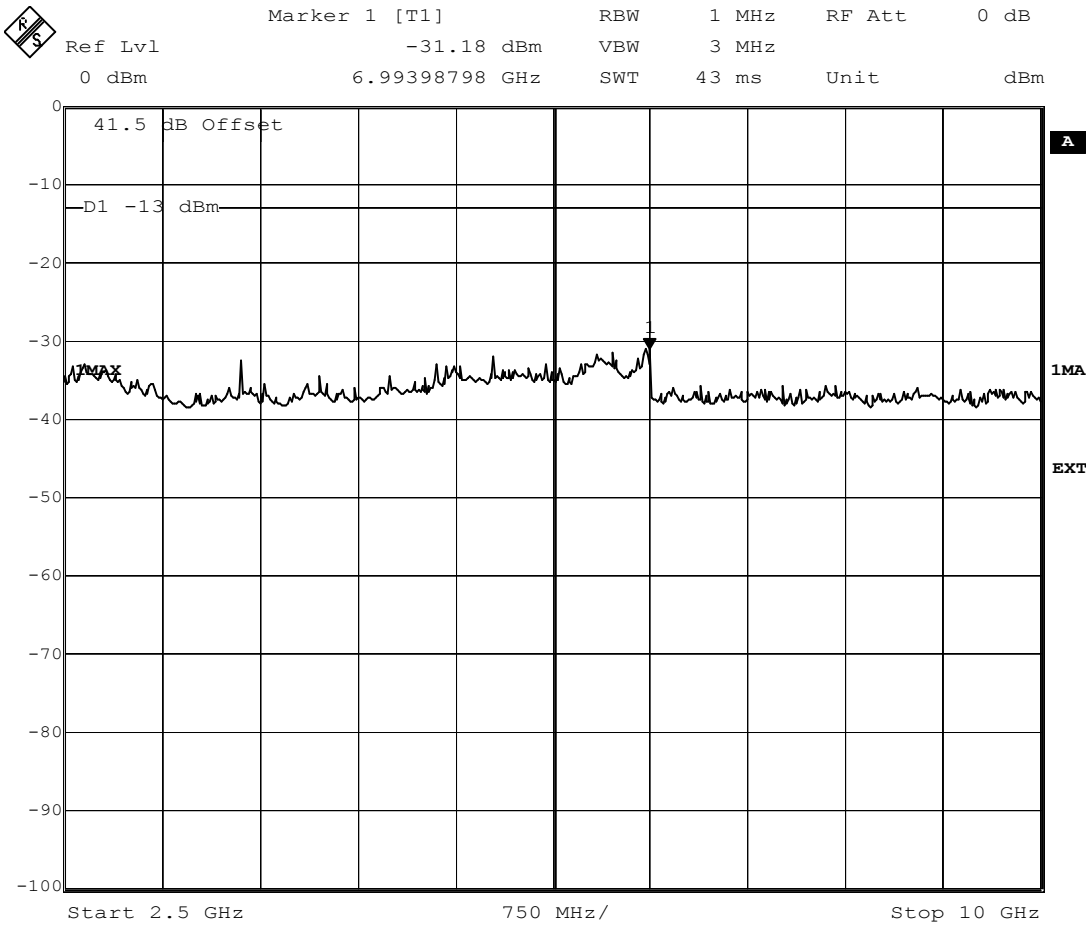
GPH\44324JD01\087
CH513 – CH538 Spurious Emissions 8PSK – 1.99G – 2.5G – CDUA – sTRU1



Title: Testing for Ericsson AB. RBS 2202. FCC Part 24
Comment A: Spurious Emissions. Ch513_Ch538. 8PSK Mode. CDU A Stru1.
Date: 20.JAN.2003 08:08:57

Test Of: **Ericsson AB.**
KRC131 139/01 sTRU-Edge Transceiver
To: **FCC Part 24: 2001**

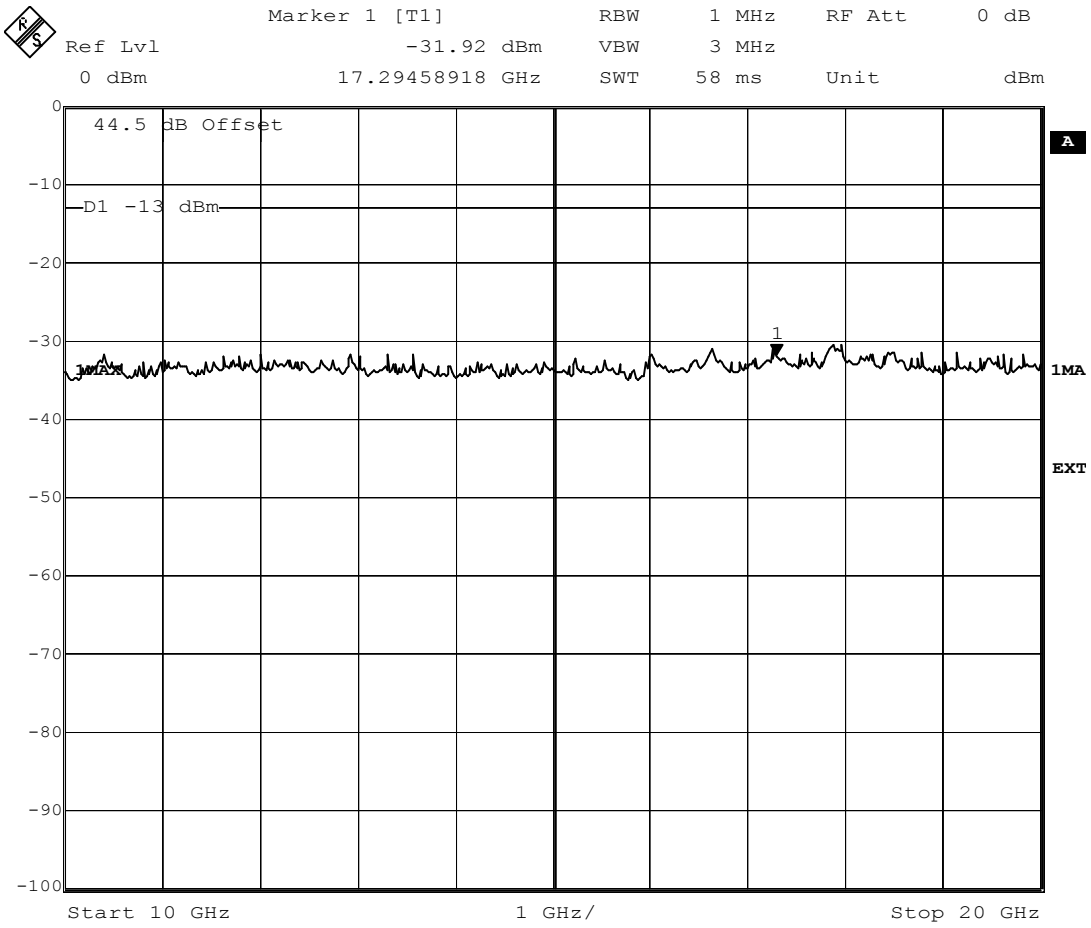
GPH\44324JD01\088
CH513 – CH538 Spurious Emissions 8PSK – 2.5G – 10G – CDUA – sTRU1



Title: Testing for Ericsson AB. RBS 2202. FCC Part 24
Comment A: Spurious Emissions. Ch513_Ch538. 8PSK Mode. CDU A Stru1.
Date: 20.JAN.2003 08:12:08

Test Of: **Ericsson AB.**
KRC131 139/01 sTRU-Edge Transceiver
To: **FCC Part 24: 2001**

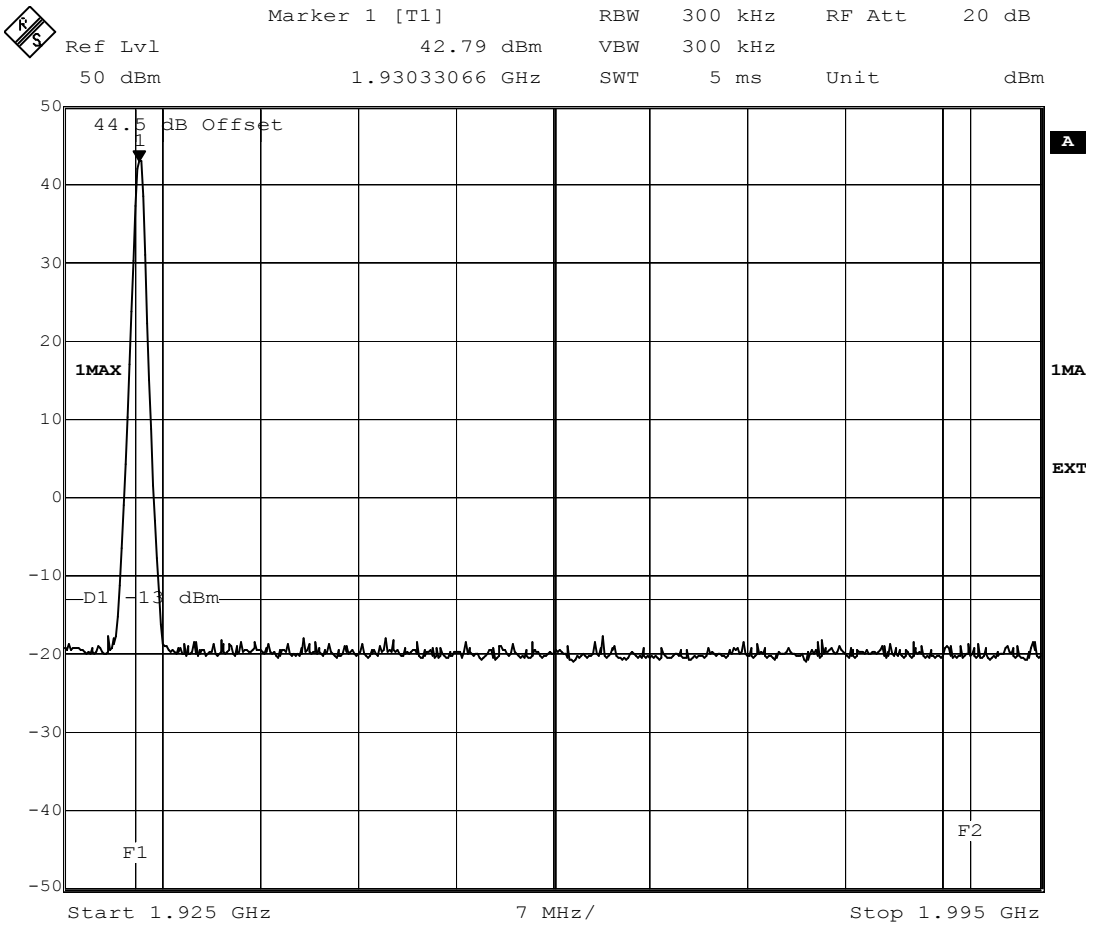
GPH\44324JD01\089
CH513 – CH538 Spurious Emissions 8PSK – 10G – 20G – CDUA – sTRU1



Title: Testing for Ericsson AB. RBS 2202. FCC Part 24
Comment A: Spurious Emissions. Ch513_Ch538. 8PSK Mode. CDU A Stru1.
Date: 20.JAN.2003 08:15:00

Test Of: Ericsson AB.
KRC131 139/01 sTRU-Edge Transceiver
To: FCC Part 24: 2001

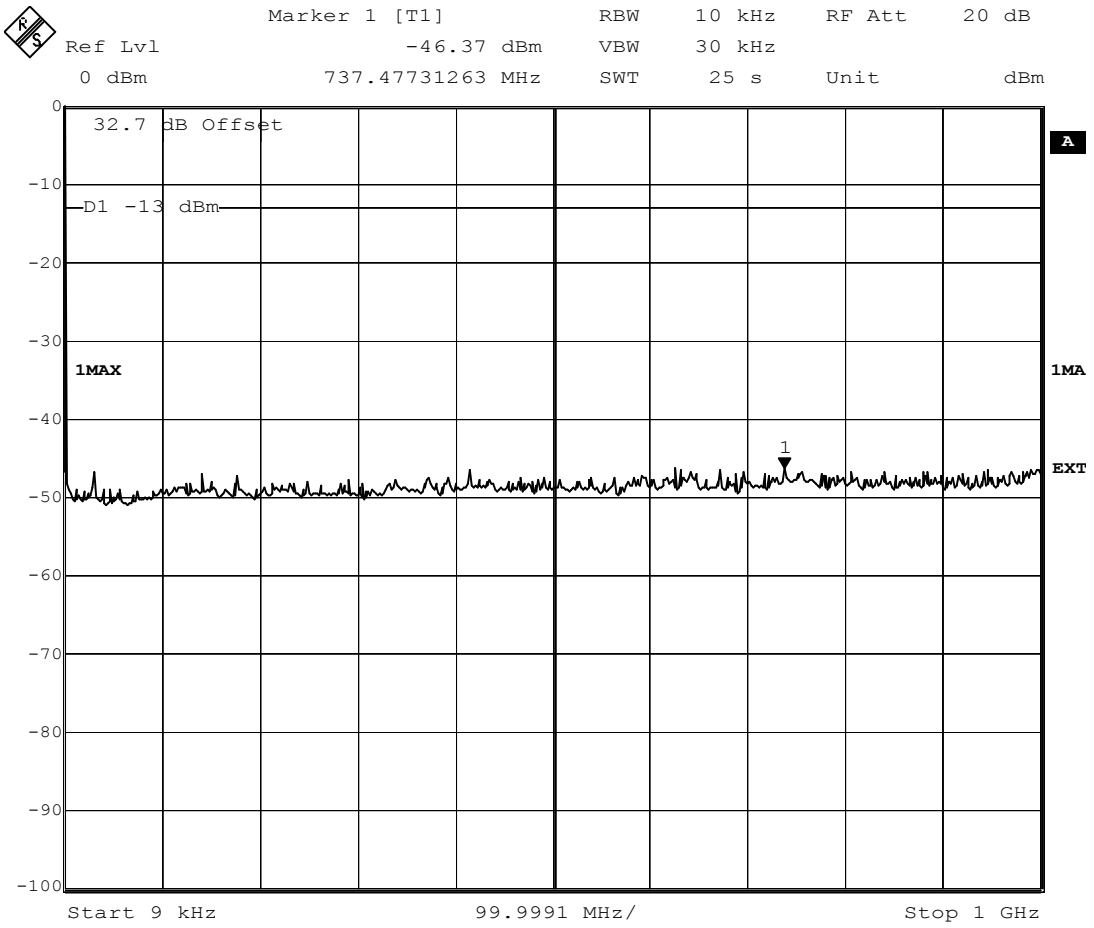
GPH\44324JD01\090
CH513 – CH538 Intermodulation Test 8PSK – CDUA – sTRU1



Title: Testing for Ericsson AB. RBS 2202. FCC Part 24
Comment A: Intermodulation Test. Ch513_Ch538. 8PSK Mode. CDU A Stru1.
Date: 20.JAN.2003 08:13:33

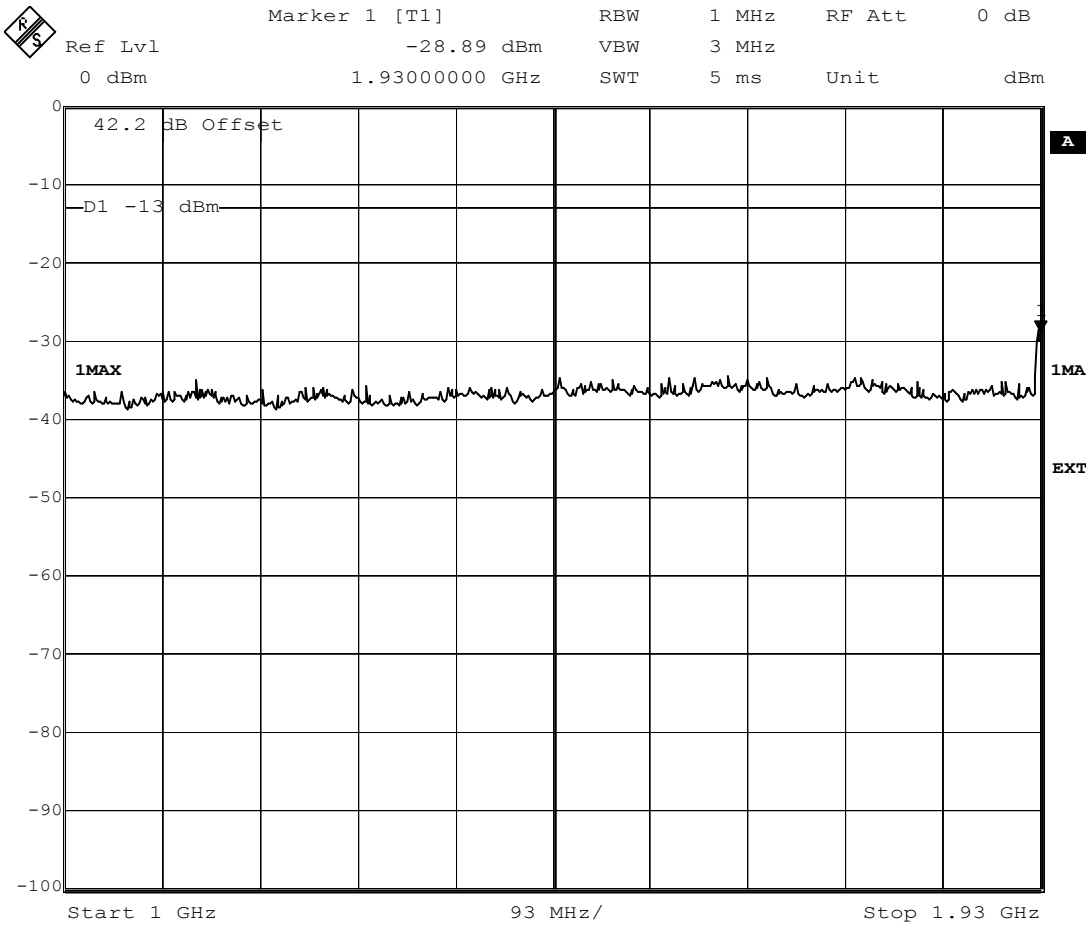
Test Of: Ericsson AB.
KRC131 139/01 sTRU-Edge Transceiver
To: FCC Part 24: 2001

GPH\44324JD01\091
CH809 – CH784 Spurious Emissions 8PSK – 9k – 1G – CDUA – sTRU1



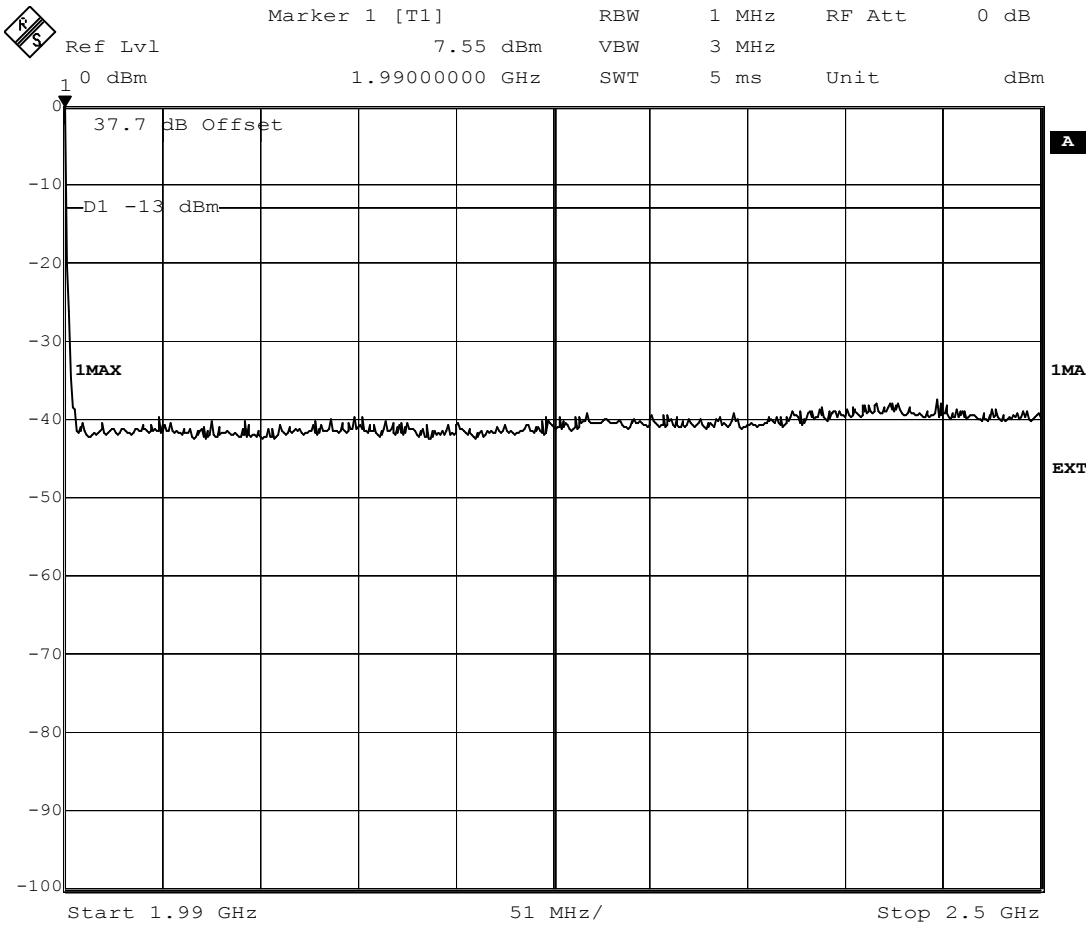
Title: Testing for Ericsson AB. RBS 2202. FCC Part 24
Comment A: Spurious Emissions. Ch809_Ch784. 8PSK Mode. CDU A Stru1.
Date: 20.JAN.2003 08:38:30

GPH\44324JD01\092
CH809 – CH784 Spurious Emissions 8PSK – 1G – 1.93G – CDUA – sTRU1



Title: Testing for Ericsson AB. RBS 2202. FCC Part 24
Comment A: Spurious Emissions. Ch809_Ch784. 8PSK Mode. CDU A Stru1.
Date: 20.JAN.2003 08:39:43

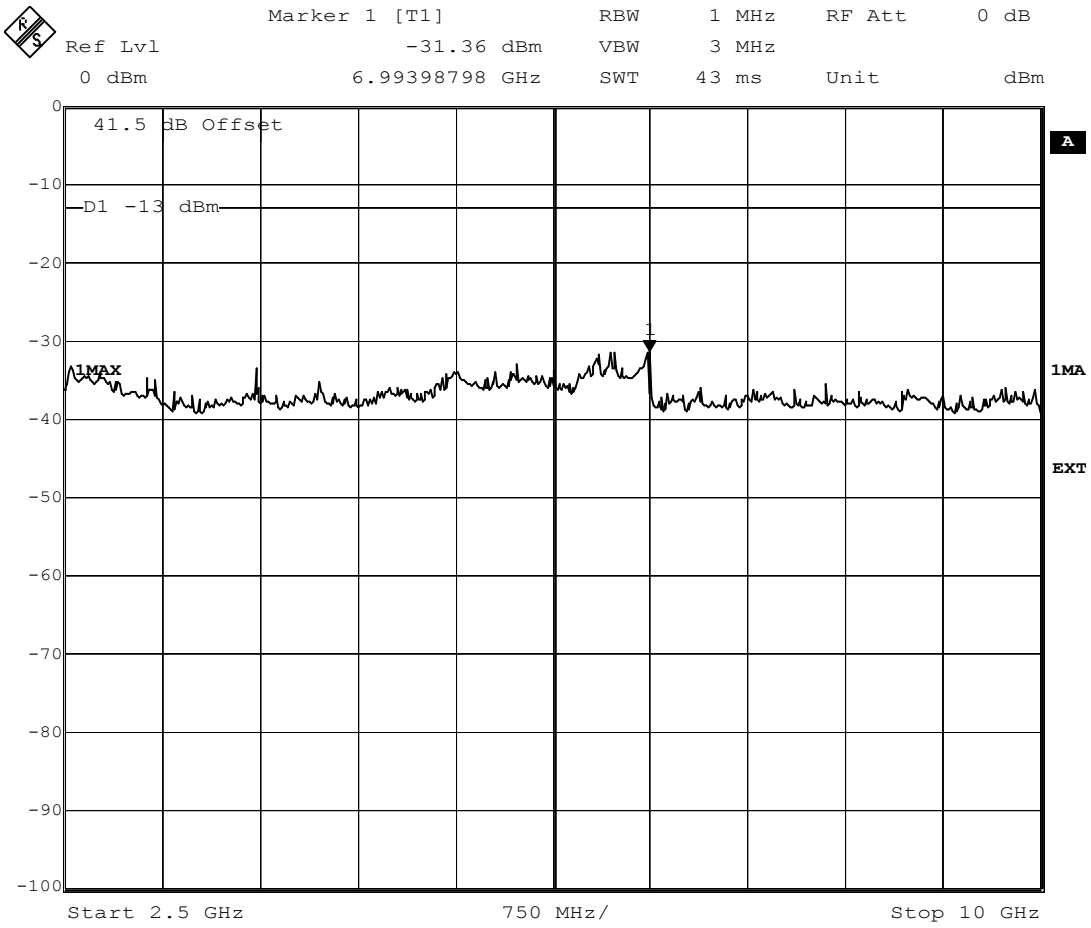
GPH\44324JD01\093
CH809 – CH784 Spurious Emissions 8PSK – 1.99G – 2.5G – CDUA – sTRU1



Title: Testing for Ericsson AB. RBS 2202. FCC Part 24
Comment A: Spurious Emissions. Ch809_Ch784. 8PSK Mode. CDU A Stru1.
Date: 20.JAN.2003 08:41:45

Test Of: **Ericsson AB.**
KRC131 139/01 sTRU-Edge Transceiver
To: **FCC Part 24: 2001**

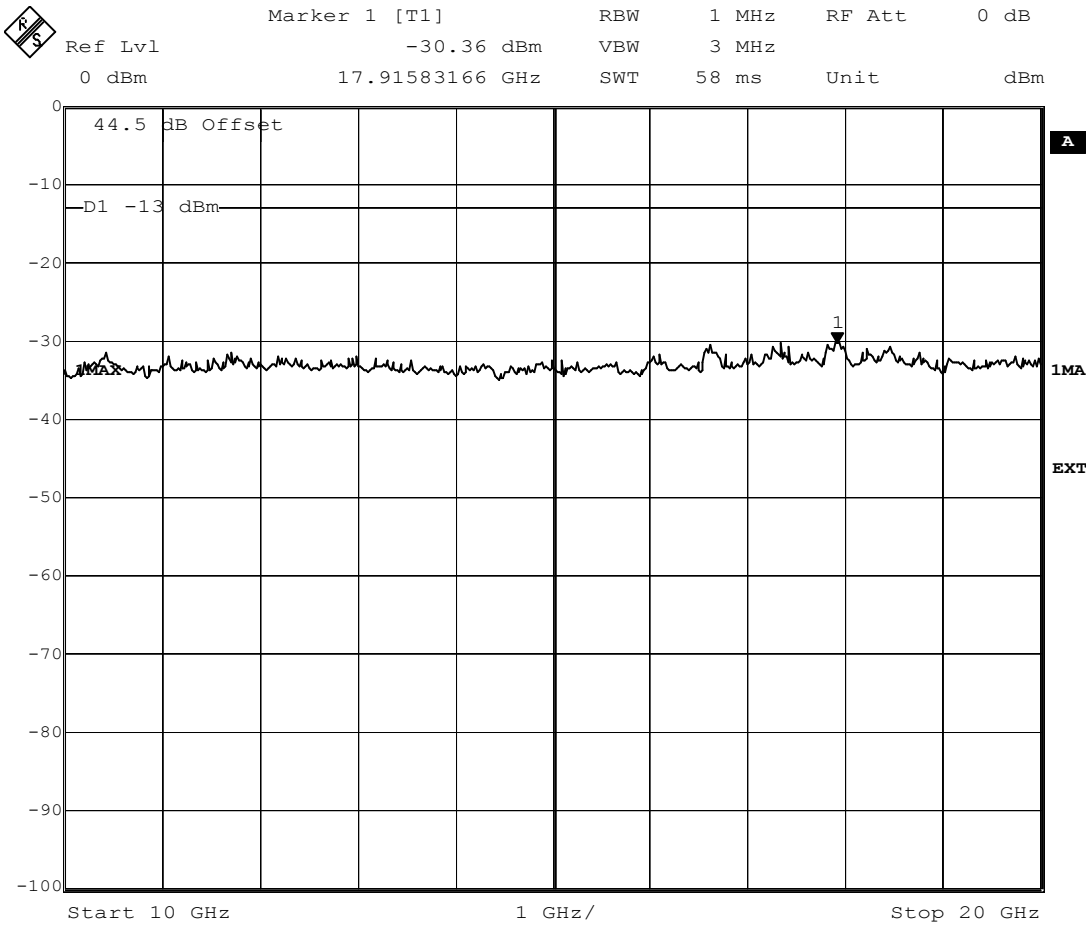
GPH\44324JD01\094
CH809 – CH784 Spurious Emissions 8PSK – 2.5G – 10G – CDUA – sTRU1



Title: Testing for Ericsson AB. RBS 2202. FCC Part 24
Comment A: Spurious Emissions. Ch809_Ch784. 8PSK Mode. CDU A Stru1.
Date: 20.JAN.2003 08:43:18

Test Of: Ericsson AB.
KRC131 139/01 sTRU-Edge Transceiver
To: FCC Part 24: 2001

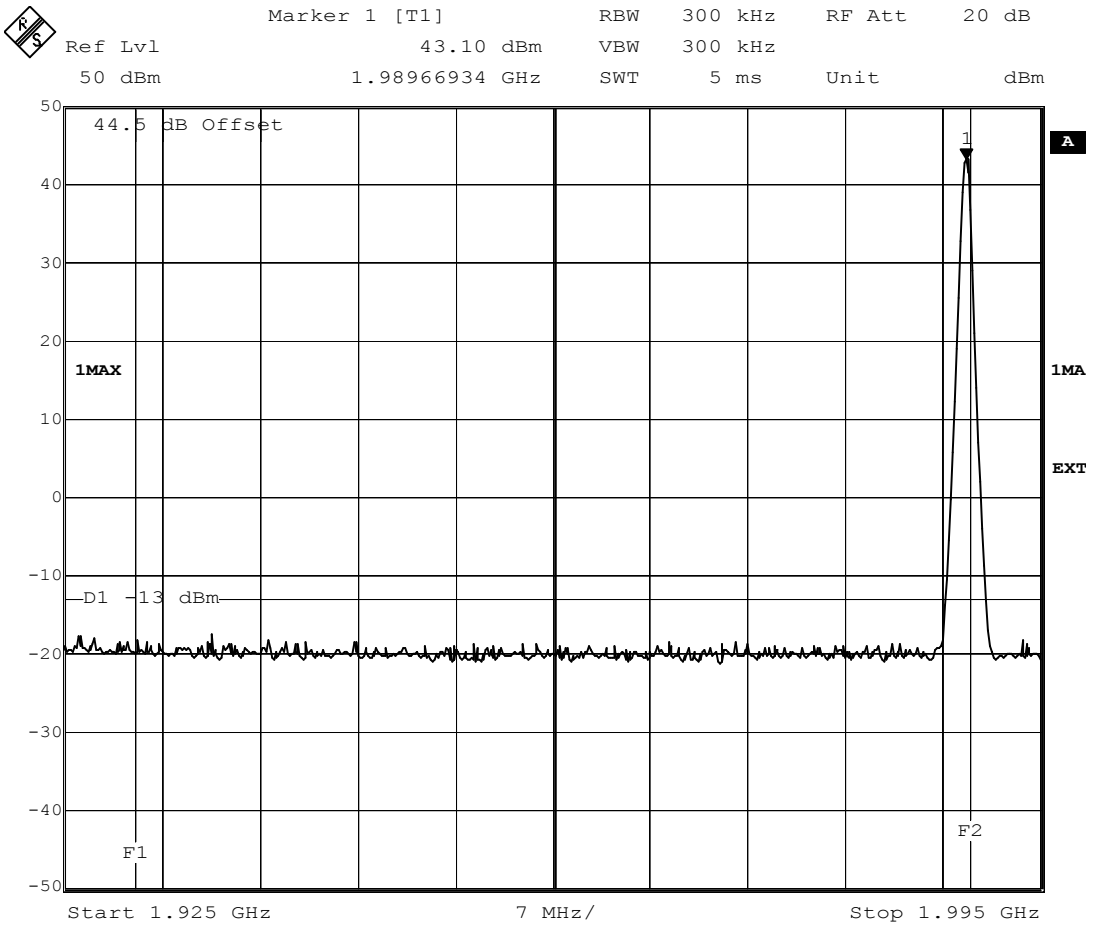
GPH\44324JD01\095
CH809 – CH784 Spurious Emissions 8PSK – 10G – 20G – CDUA – sTRU1



Title: Testing for Ericsson AB. RBS 2202. FCC Part 24
Comment A: Spurious Emissions. Ch809_Ch784. 8PSK Mode. CDU A Stru1.
Date: 20.JAN.2003 08:33:10

Test Of: Ericsson AB.
KRC131 139/01 sTRU-Edge Transceiver
To: FCC Part 24: 2001

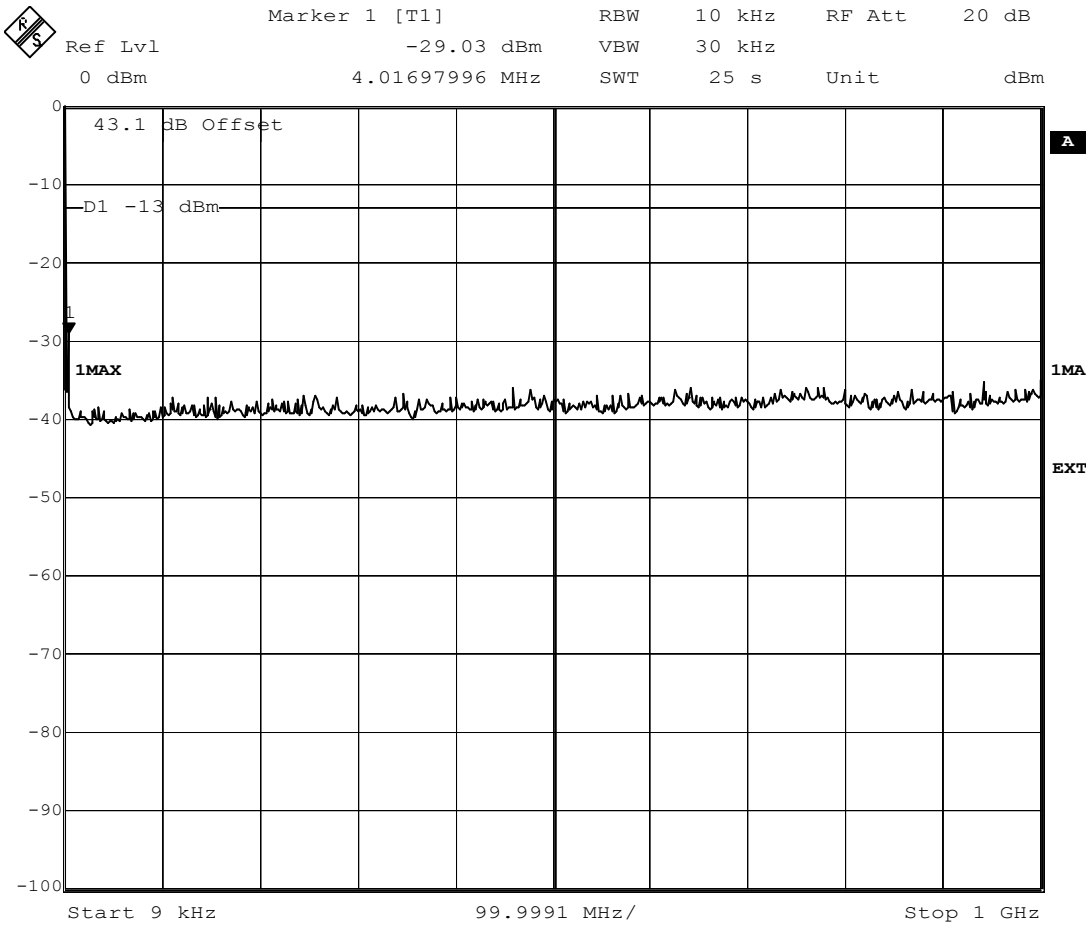
GPH\44324JD01\096
CH809 – CH784 Intermodulation Test 8PSK – CDUA – sTRU1



Title: Testing for Ericsson AB. RBS 2202. FCC Part 24
Comment A: Intermodulation Test. Ch809_Ch784. 8PSK Mode. CDU A Stru1.
Date: 20.JAN.2003 08:34:55

Test Of: Ericsson AB.
KRC131 139/01 sTRU-Edge Transceiver
To: FCC Part 24: 2001

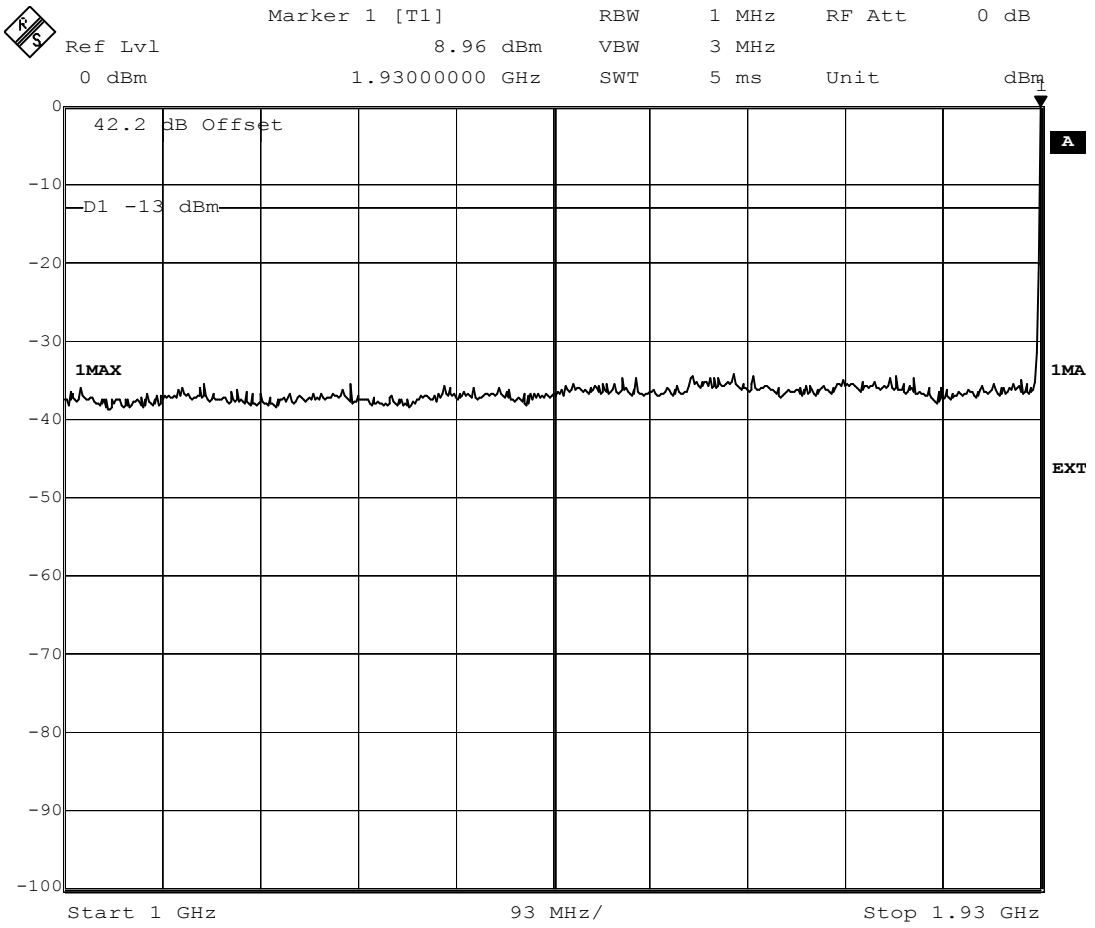
GPH\44324JD01\097
CH513 – CH538 Spurious Emissions 8PSK – 9k – 1G – CDUC+ – sTRU2&3



Title: Testing for Ericsson AB. RBS 2202. FCC Part 24
Comment A: Spurious Emissions. Ch513_Ch538. 8PSK Mode. CDU C+ Stru2&3.
Date: 20.JAN.2003 09:05:23

Test Of: **Ericsson AB.**
KRC131 139/01 sTRU-Edge Transceiver
To: **FCC Part 24: 2001**

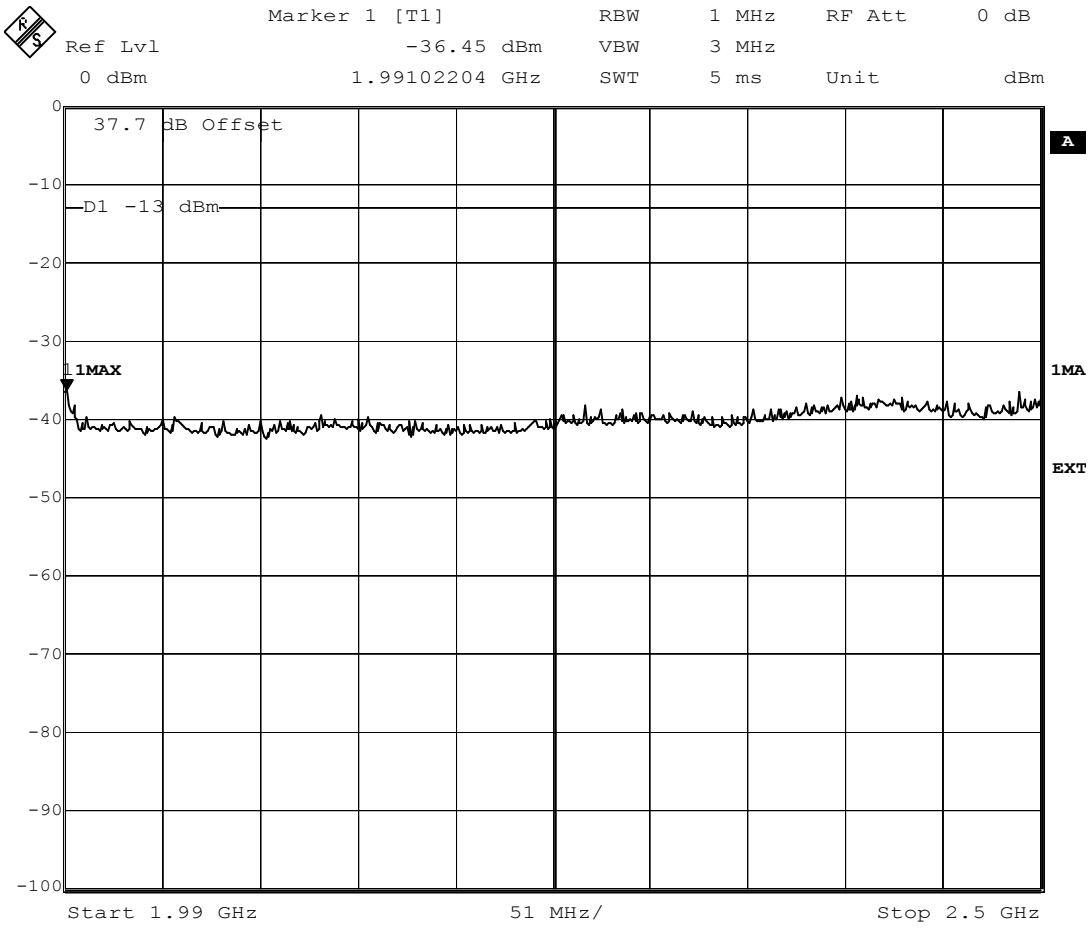
GPH\44324JD01\098
CH513 – CH538 Spurious Emissions 8PSK – 1G – 1.93G – CDUC+ – sTRU2&3



Title: Testing for Ericsson AB. RBS 2202. FCC Part 24
Comment A: Spurious Emissions. Ch513_Ch538. 8PSK Mode. CDU C+ Stru2&3.
Date: 20.JAN.2003 09:02:31

Test Of: **Ericsson AB.**
KRC131 139/01 sTRU-Edge Transceiver
To: **FCC Part 24: 2001**

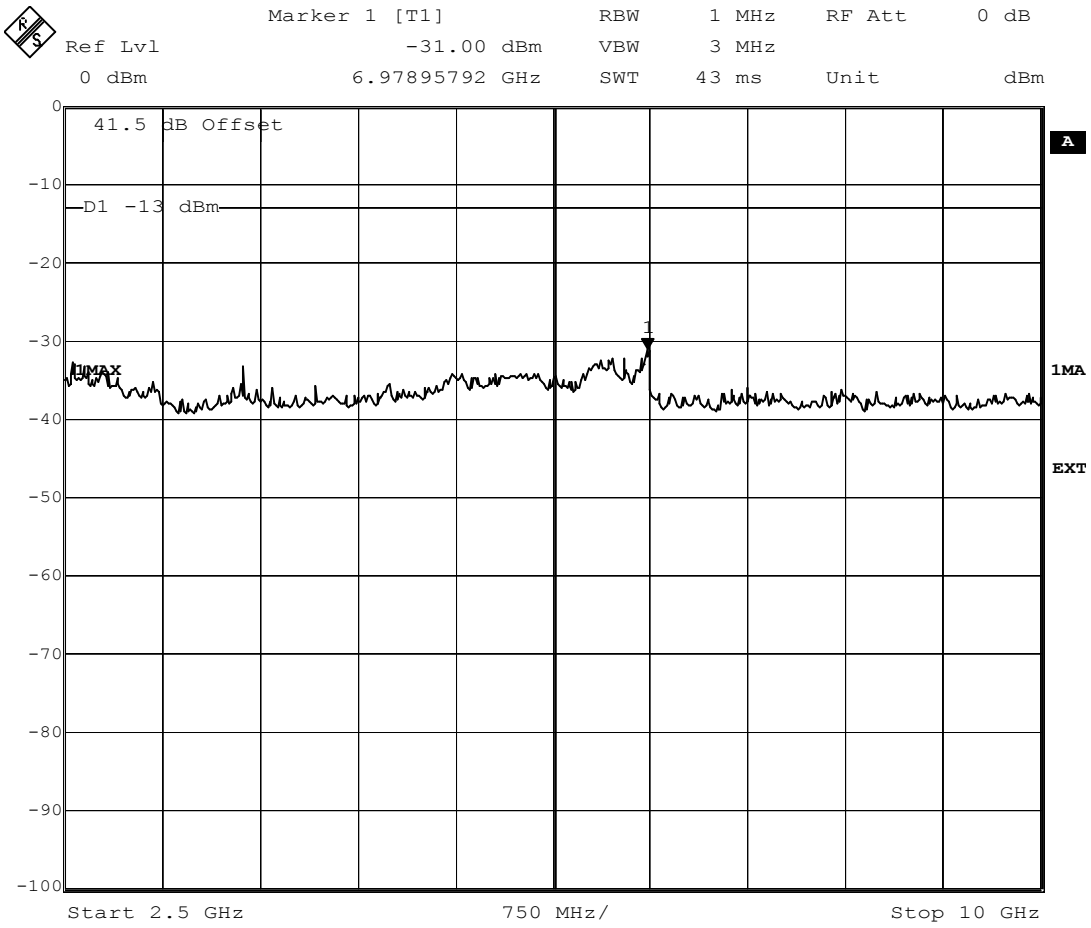
GPH\44324JD01\099
CH513 – CH538 Spurious Emissions 8PSK – 1.99G – 2.5G – CDUC+ – sTRU2&3



Title: Testing for Ericsson AB. RBS 2202. FCC Part 24
Comment A: Spurious Emissions. Ch513_Ch538. 8PSK Mode. CDU C+ Stru2&3.
Date: 20.JAN.2003 09:06:50

Test Of: Ericsson AB.
KRC131 139/01 sTRU-Edge Transceiver
To: FCC Part 24: 2001

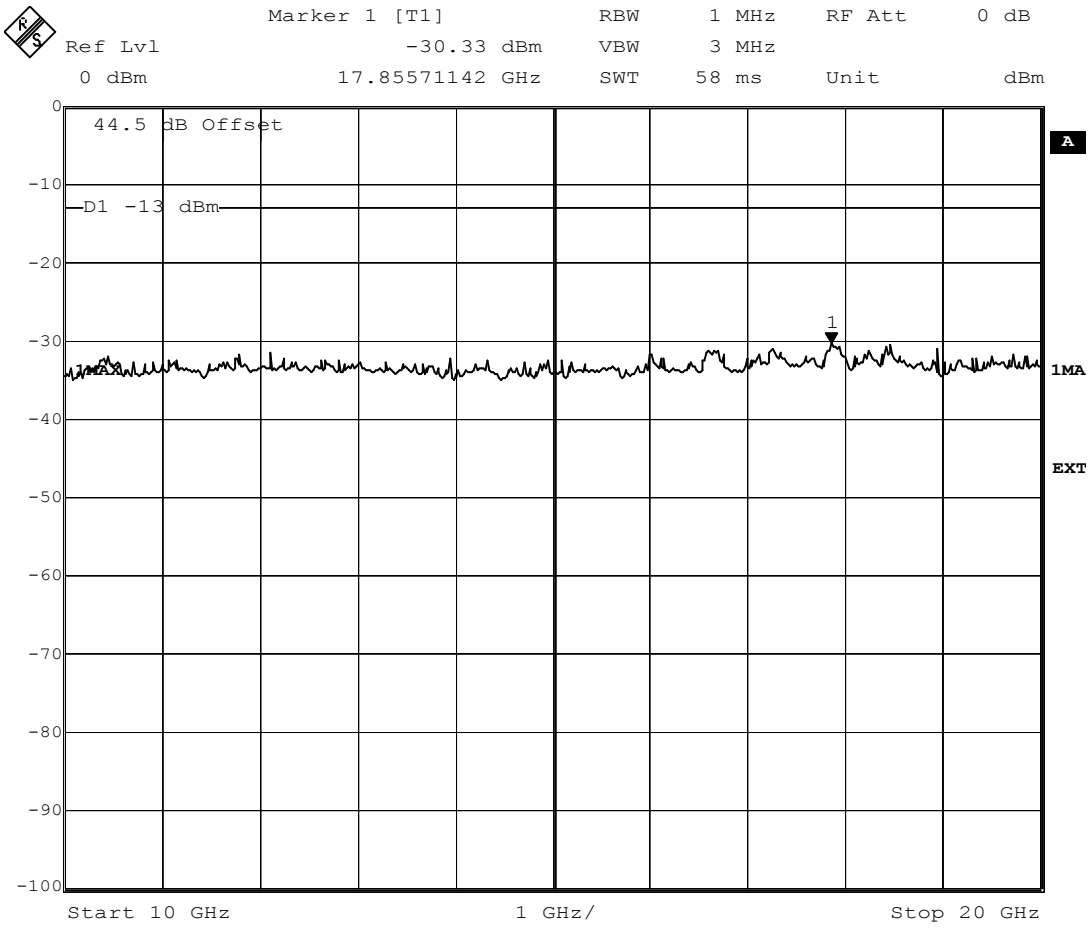
GPH\44324JD01\100
CH513 – CH538 Spurious Emissions 8PSK – 2.5G – 10G – CDUC+ – sTRU2&3



Title: Testing for Ericsson AB. RBS 2202. FCC Part 24
Comment A: Spurious Emissions. Ch513_Ch538. 8PSK Mode. CDU C+ Stru2&3.
Date: 20.JAN.2003 09:08:18

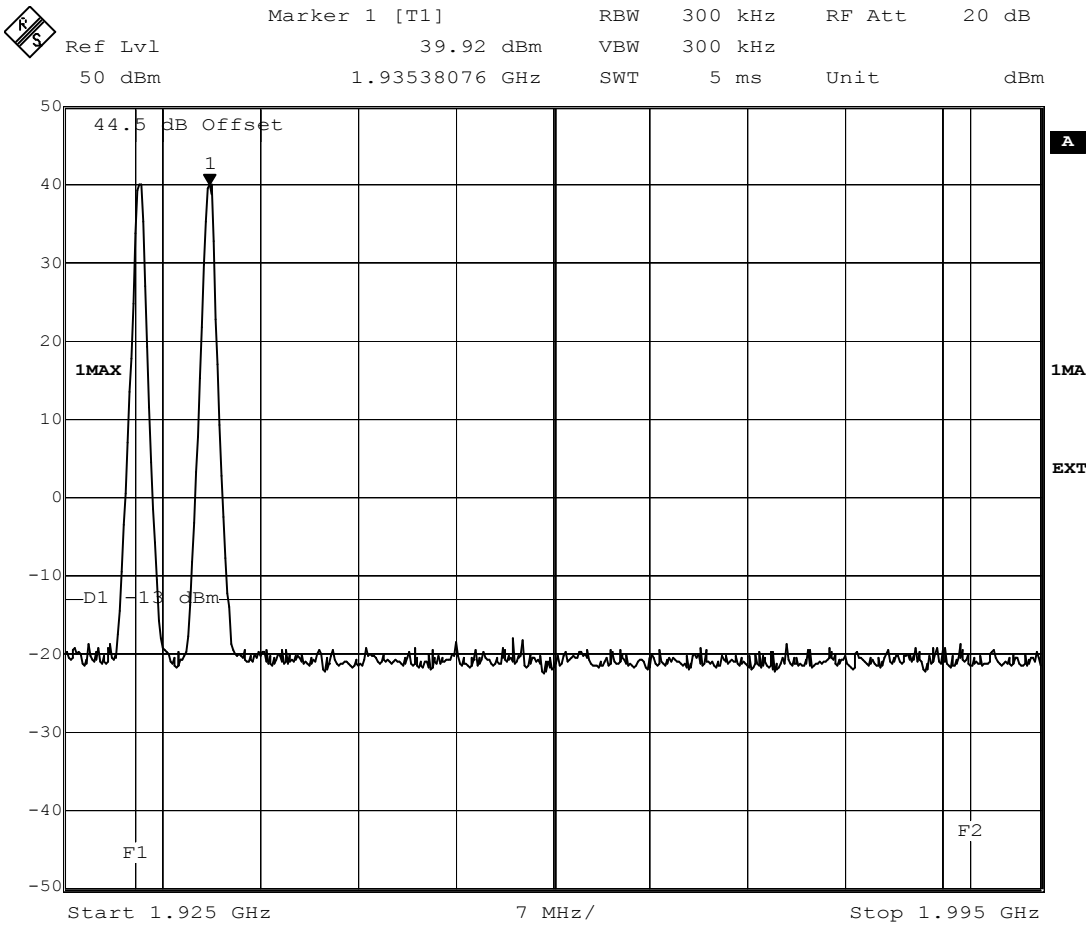
Test Of: **Ericsson AB.**
KRC131 139/01 sTRU-Edge Transceiver
To: **FCC Part 24: 2001**

GPH\44324JD01\101
CH513 – CH538 Spurious Emissions 8PSK – 10G – 20G – CDUC+ – sTRU2&3



Title: Testing for Ericsson AB. RBS 2202. FCC Part 24
Comment A: Spurious Emissions. Ch513_Ch538. 8PSK Mode. CDU C+ Stru2&3.
Date: 20.JAN.2003 09:15:57

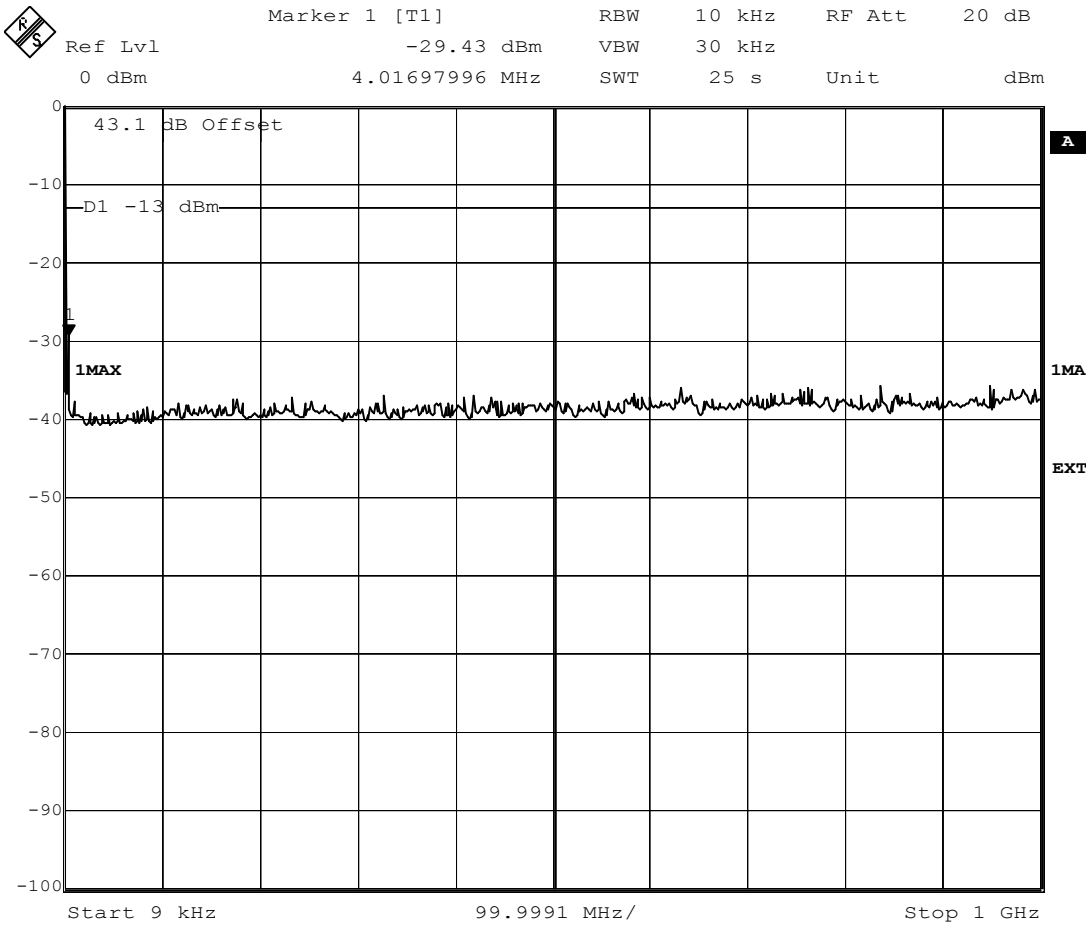
GPH\44324JD01\102
CH513 – CH538 Intermodulation Test 8PSK – CDUC+ – sTRU2&3



Title: Testing for Ericsson AB. RBS 2202. FCC Part 24
Comment A: Intermodulation Test. Ch513_Ch538. 8PSK Mode. CDU C+ Stru2&3
.
Date: 20.JAN.2003 09:13:11

Test Of: Ericsson AB.
KRC131 139/01 sTRU-Edge Transceiver
To: FCC Part 24: 2001

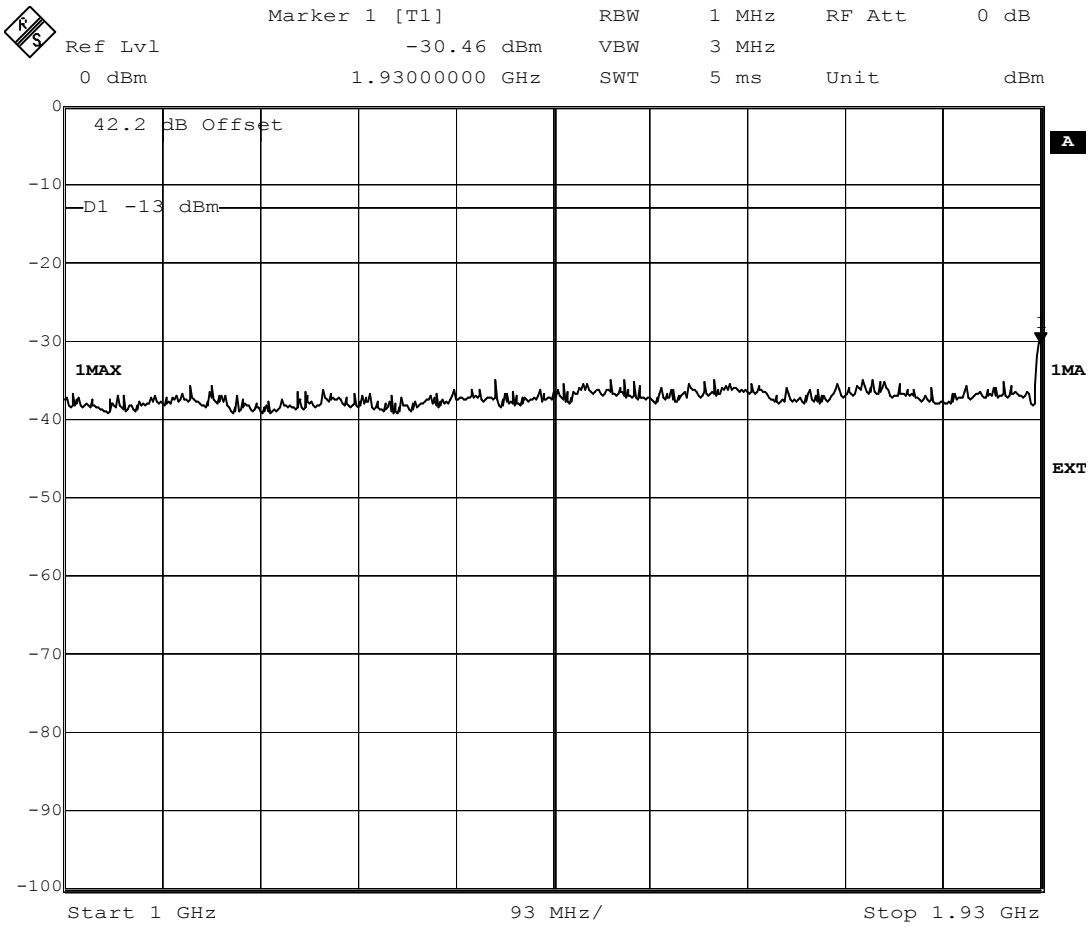
GPH\44324JD01\103
CH809 – CH784 Spurious Emissions 8PSK – 9k – 1G – CDUC+ – sTRU2&3



Title: Testing for Ericsson AB. RBS 2202. FCC Part 24
Comment A: Spurious Emissions. Ch784_Ch809. 8PSK Mode. CDU C+ Stru2&3.
Date: 20.JAN.2003 09:32:55

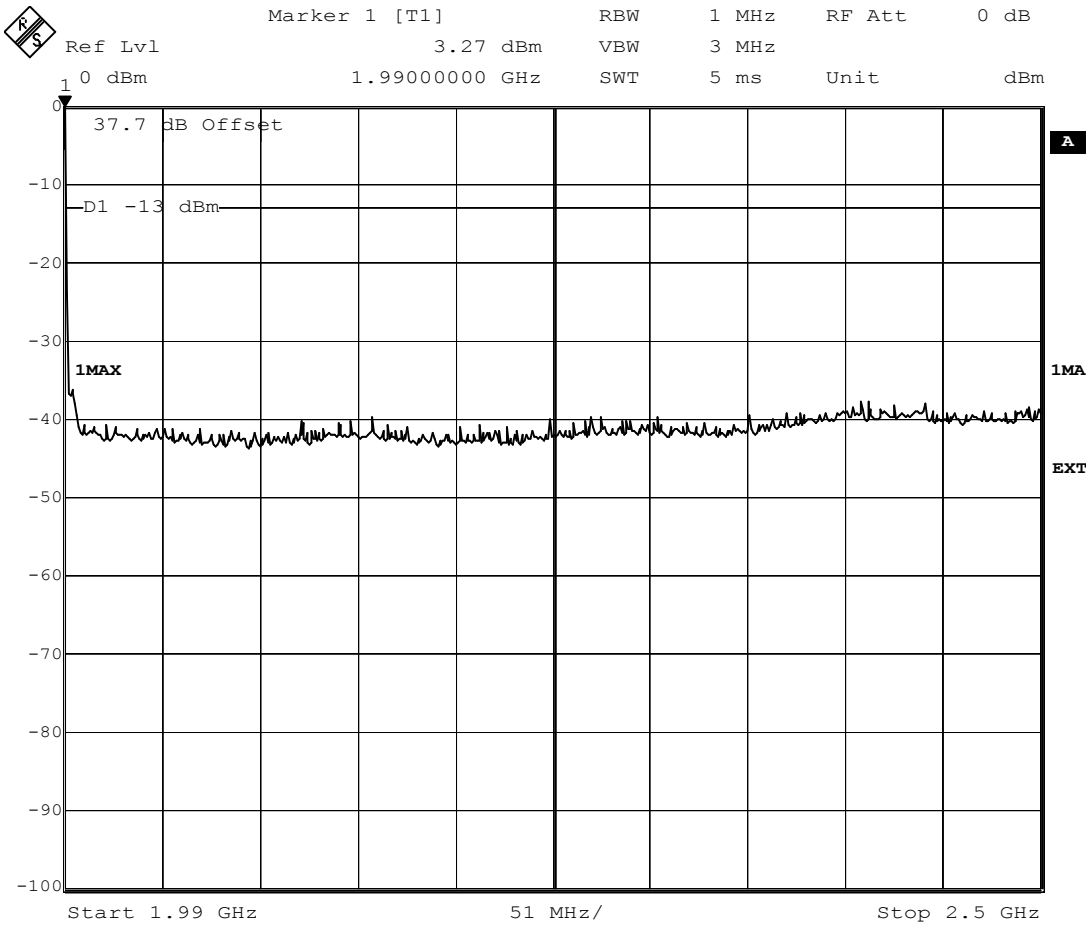
Test Of: **Ericsson AB.**
KRC131 139/01 sTRU-Edge Transceiver
To: **FCC Part 24: 2001**

GPH\44324JD01\104
CH809 – CH784 Spurious Emissions 8PSK – 1G – 1.93G – CDUC+ – sTRU2&3



Title: Testing for Ericsson AB. RBS 2202. FCC Part 24
Comment A: Spurious Emissions. Ch784_Ch809. 8PSK Mode. CDU C+ Stru2&3.
Date: 20.JAN.2003 09:36:12

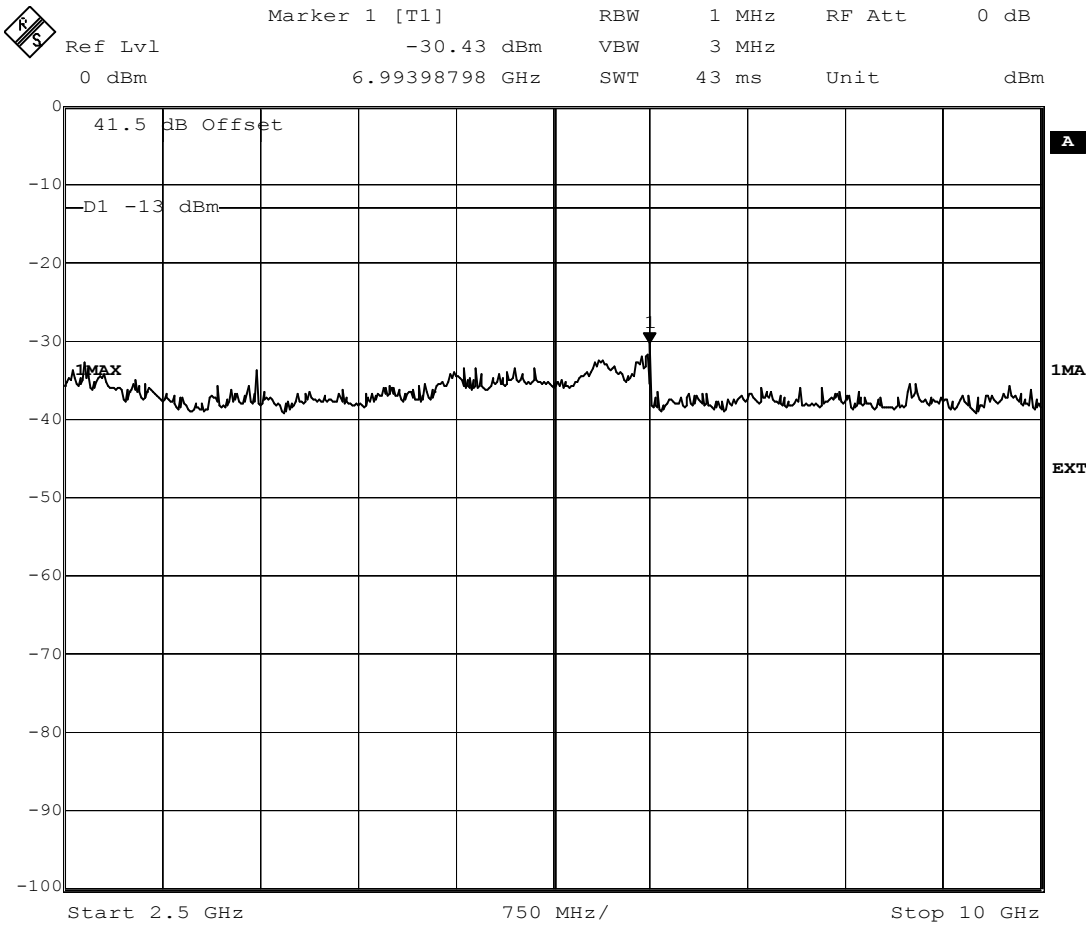
GPH\44324JD01\105
CH809 – CH784 Spurious Emissions 8PSK – 1.99G – 2.5G – CDUC+ – sTRU2&3



Title: Testing for Ericsson AB. RBS 2202. FCC Part 24
Comment A: Spurious Emissions. Ch784_Ch809. 8PSK Mode. CDU C+ Stru2&3.
Date: 20.JAN.2003 09:37:34

Test Of: **Ericsson AB.**
KRC131 139/01 sTRU-Edge Transceiver
To: **FCC Part 24: 2001**

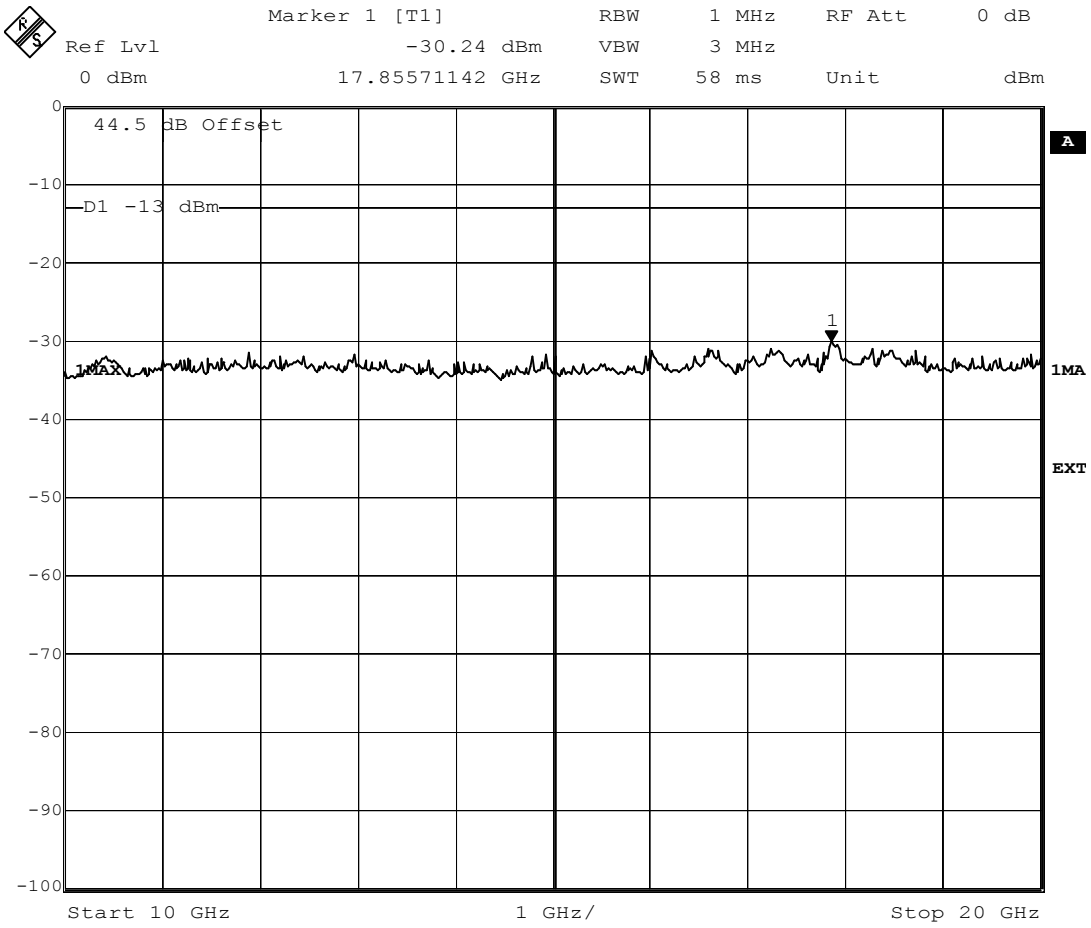
GPH\44324JD01\106
CH809 – CH784 Spurious Emissions 8PSK – 2.5G – 10G – CDUC+ – sTRU2&3



Title: Testing for Ericsson AB. RBS 2202. FCC Part 24
Comment A: Spurious Emissions. Ch784_Ch809. 8PSK Mode. CDU C+ Stru2&3.
Date: 20.JAN.2003 09:34:49

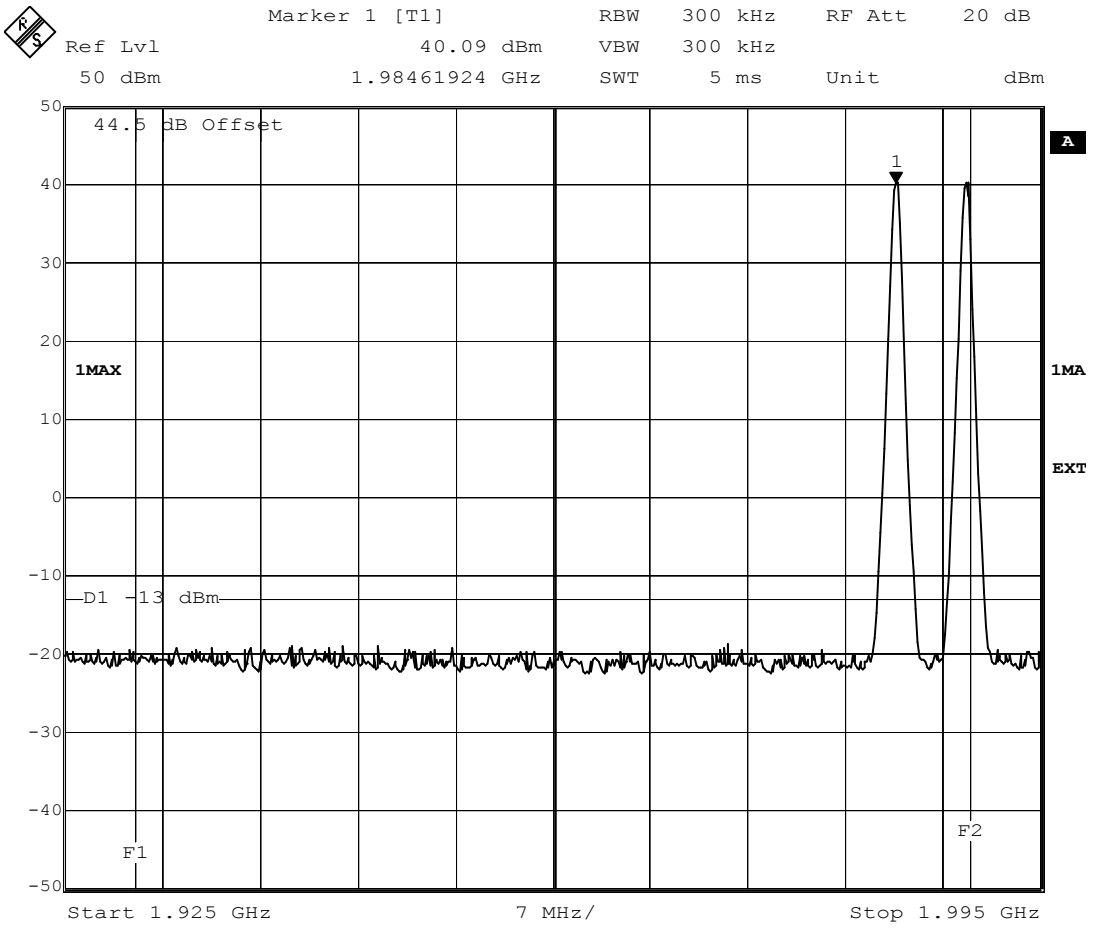
Test Of: **Ericsson AB.**
KRC131 139/01 sTRU-Edge Transceiver
To: **FCC Part 24: 2001**

GPH\44324JD01\107
CH809 – CH784 Spurious Emissions 8PSK – 10G – 20G – CDUC+ – sTRU2&3



Title: Testing for Ericsson AB. RBS 2202. FCC Part 24
Comment A: Spurious Emissions. Ch784_Ch809. 8PSK Mode. CDU C+ Stru2&3.
Date: 20.JAN.2003 09:28:44

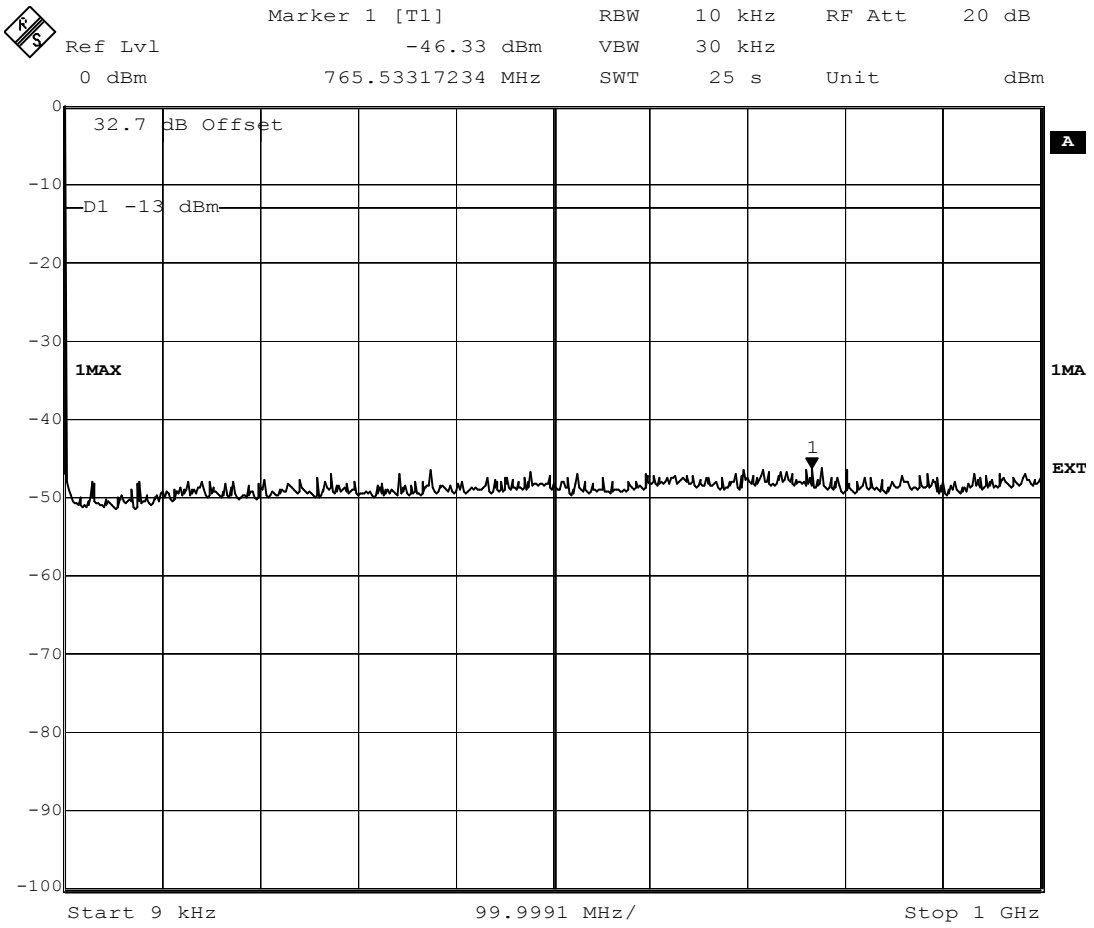
GPH\44324JD01\108
CH809 – CH784 Intermodulation Test 8PSK – CDUC+ – sTRU2&3



Title: Testing for Ericsson AB. RBS 2202. FCC Part 24
Comment A: Intermodulation Test. Ch784_Ch809. 8PSK Mode. CDU C+ Stru2&3
.
Date: 20.JAN.2003 09:30:51

Test Of: Ericsson AB.
KRC131 139/01 sTRU-Edge Transceiver
To: FCC Part 24: 2001

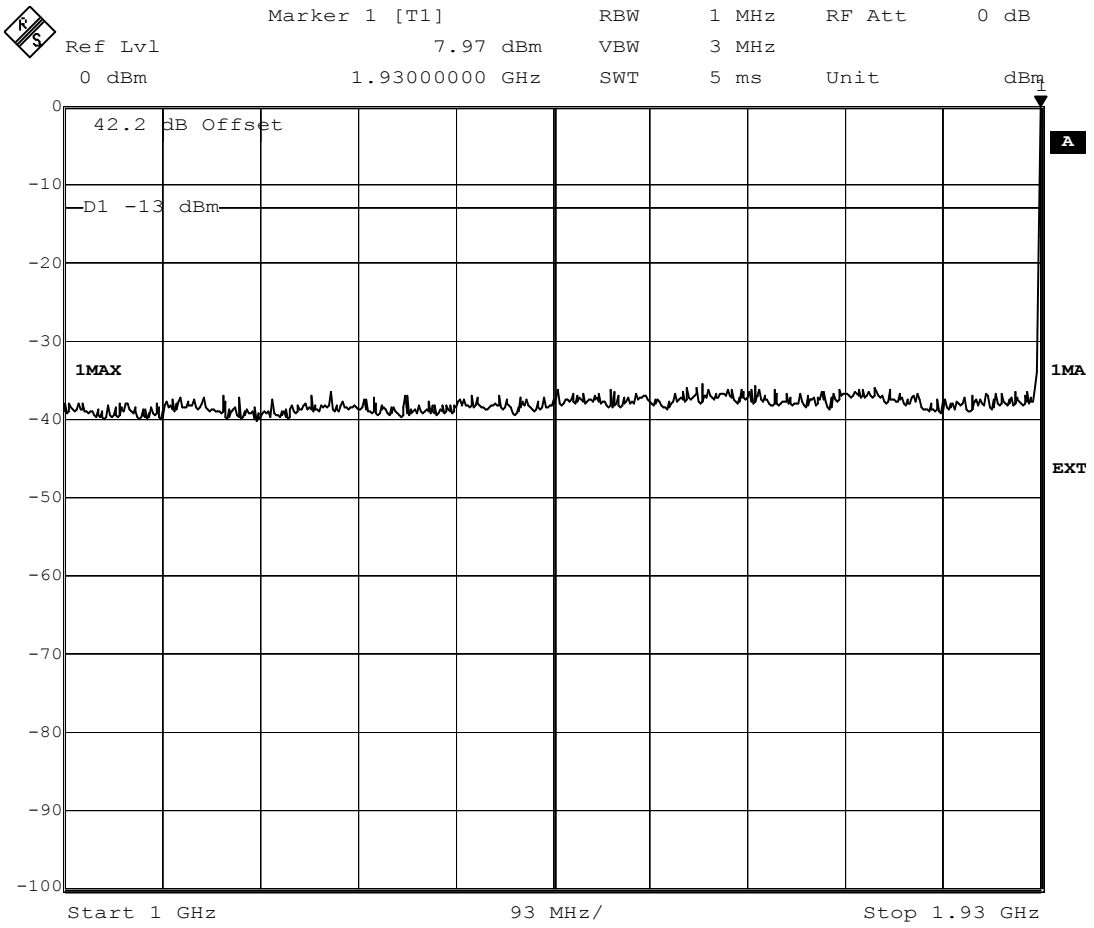
GPH\44324JD01\109
CH513 – CH538 Spurious Emissions GMSK – 9k – 1G – CDUA – sTRU0



Title: Testing for Ericsson AB. RBS 2202. FCC Part 24
Comment A: Spurious Emissions. Ch513_Ch538. GMSK Mode. CDU A Stru0.
Date: 20.JAN.2003 11:52:40

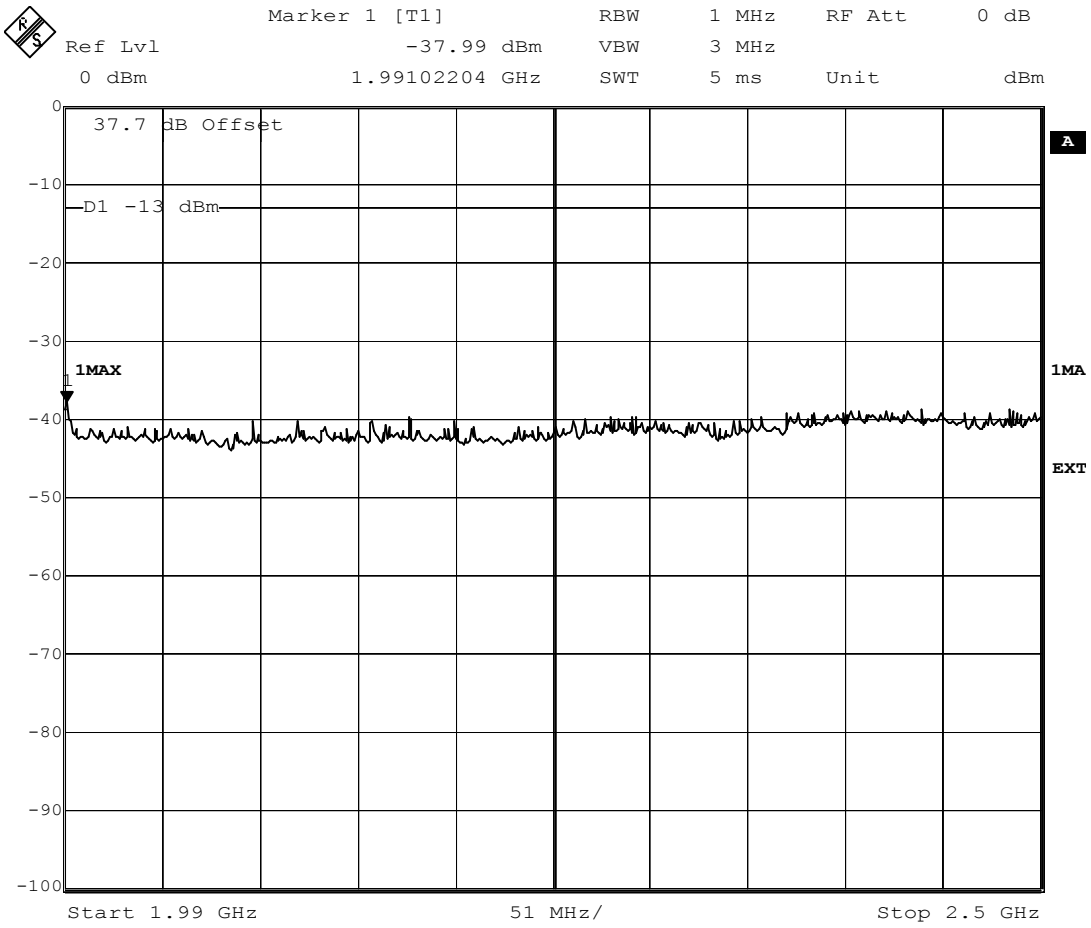
Test Of: Ericsson AB.
KRC131 139/01 sTRU-Edge Transceiver
To: FCC Part 24: 2001

GPH\44324JD01\110
CH513 – CH538 Spurious Emissions GMSK – 1G – 1.93G – CDUA – sTRU0



Title: Testing for Ericsson AB. RBS 2202. FCC Part 24
Comment A: Spurious Emissions. Ch513_Ch538. GMSK Mode. CDU A Stru0.
Date: 20.JAN.2003 11:50:16

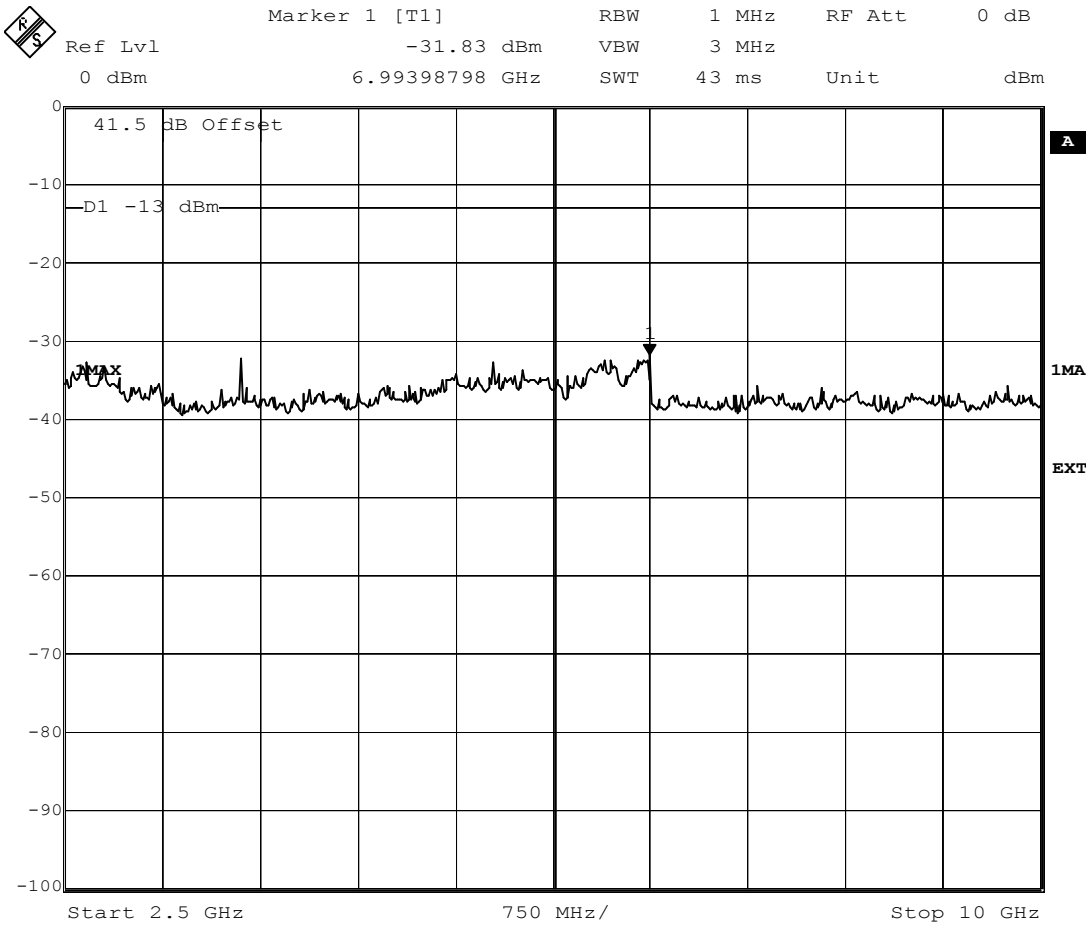
GPH\44324JD01\111
CH513 – CH538 Spurious Emissions GMSK – 1.99G – 2.5G – CDUA – sTRU0



Title: Testing for Ericsson AB. RBS 2202. FCC Part 24
Comment A: Spurious Emissions. Ch513_Ch538. GMSK Mode. CDU A Stru0.
Date: 20.JAN.2003 11:51:04

Test Of: Ericsson AB.
KRC131 139/01 sTRU-Edge Transceiver
To: FCC Part 24: 2001

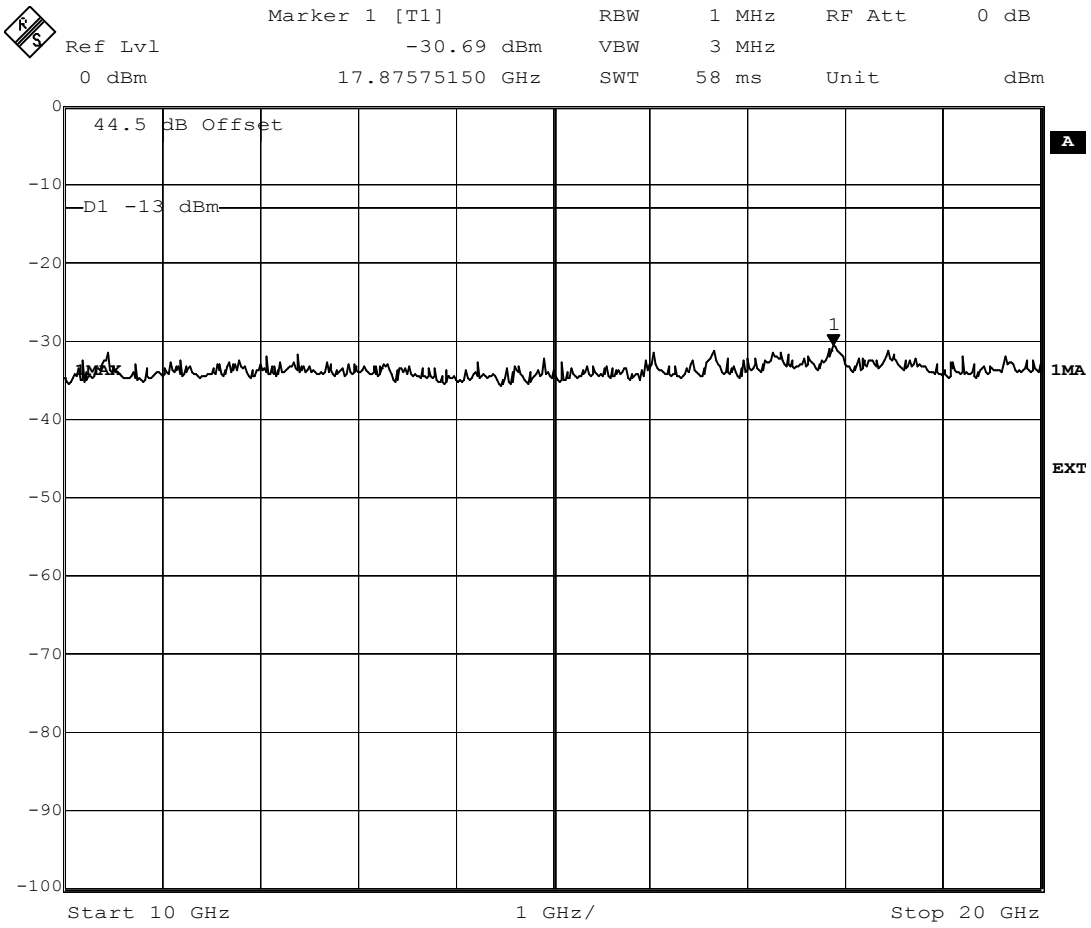
GPH\44324JD01\112
CH513 – CH538 Spurious Emissions GMSK – 2.5G – 10G – CDUA – sTRU0



Title: Testing for Ericsson AB. RBS 2202. FCC Part 24
Comment A: Spurious Emissions. Ch513_Ch538. GMSK Mode. CDU A Stru0.
Date: 20.JAN.2003 11:53:42

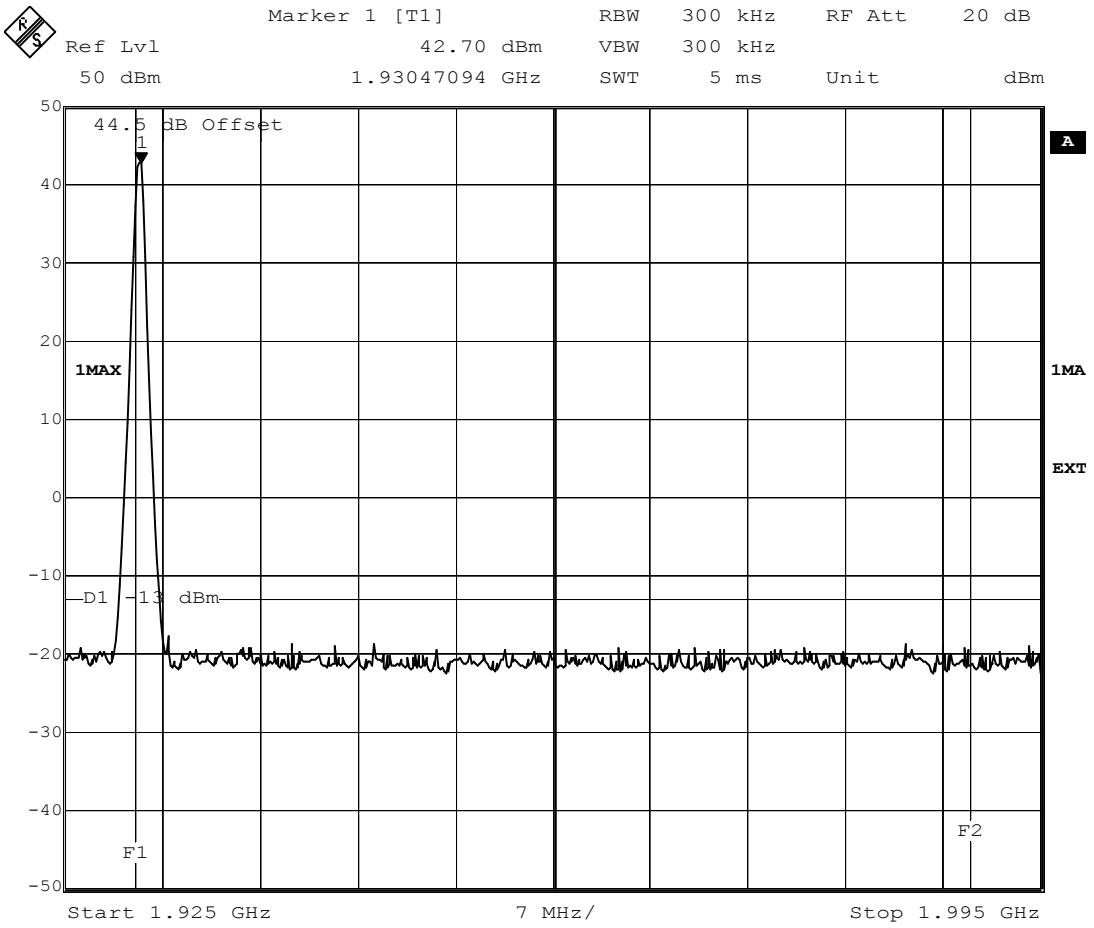
Test Of: **Ericsson AB.**
KRC131 139/01 sTRU-Edge Transceiver
To: **FCC Part 24: 2001**

GPH\44324JD01\113
CH513 – CH538 Spurious Emissions GMSK – 10G – 20G – CDUA – sTRU0



Title: Testing for Ericsson AB. RBS 2202. FCC Part 24
Comment A: Spurious Emissions. Ch513_Ch538. GMSK Mode. CDU A Stru0.
Date: 20.JAN.2003 11:56:55

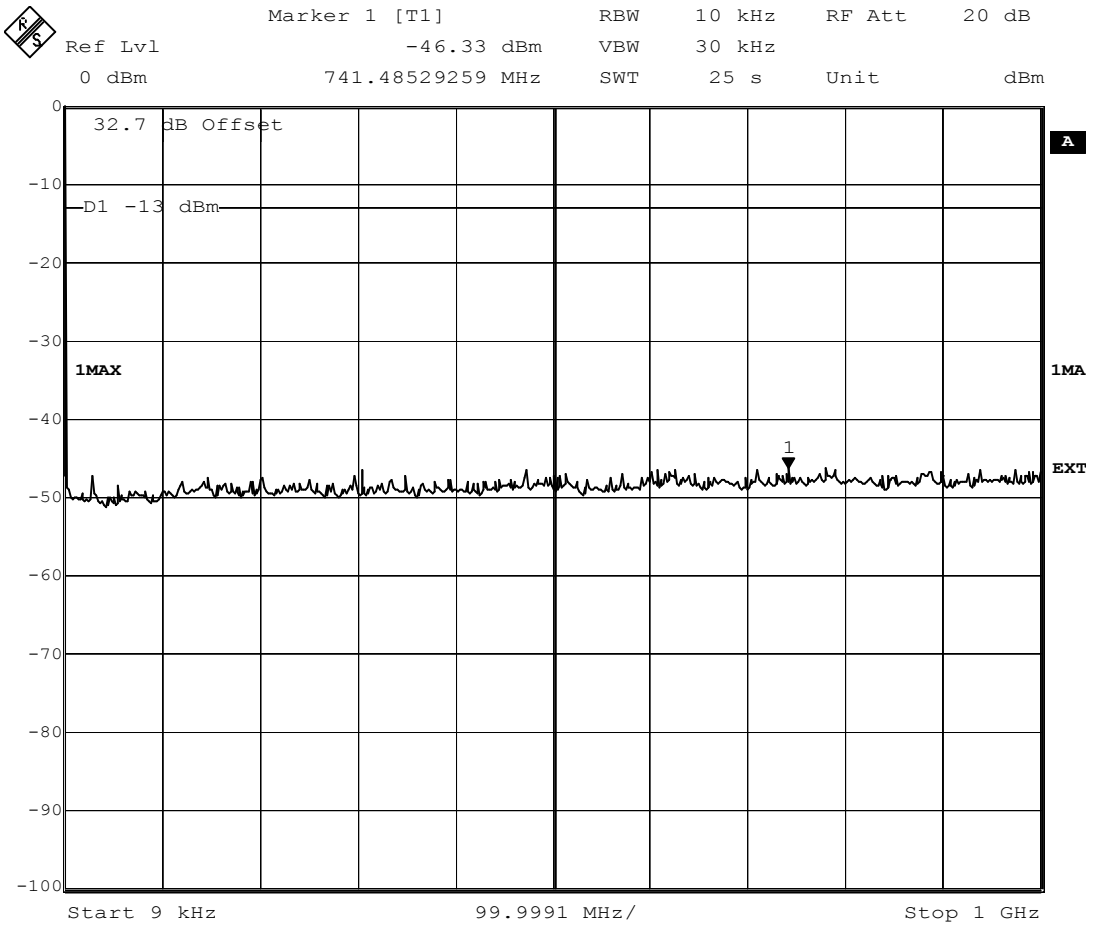
GPH\44324JD01\114
CH513 – CH538 Intermodulation Test GMSK – CDUA – sTRU0



Title: Testing for Ericsson AB. RBS 2202. FCC Part 24
Comment A: Intermodulation Test. Ch513_Ch538. GMSK Mode. CDU A Stru0.
Date: 20.JAN.2003 11:55:14

Test Of: Ericsson AB.
KRC131 139/01 sTRU-Edge Transceiver
To: FCC Part 24: 2001

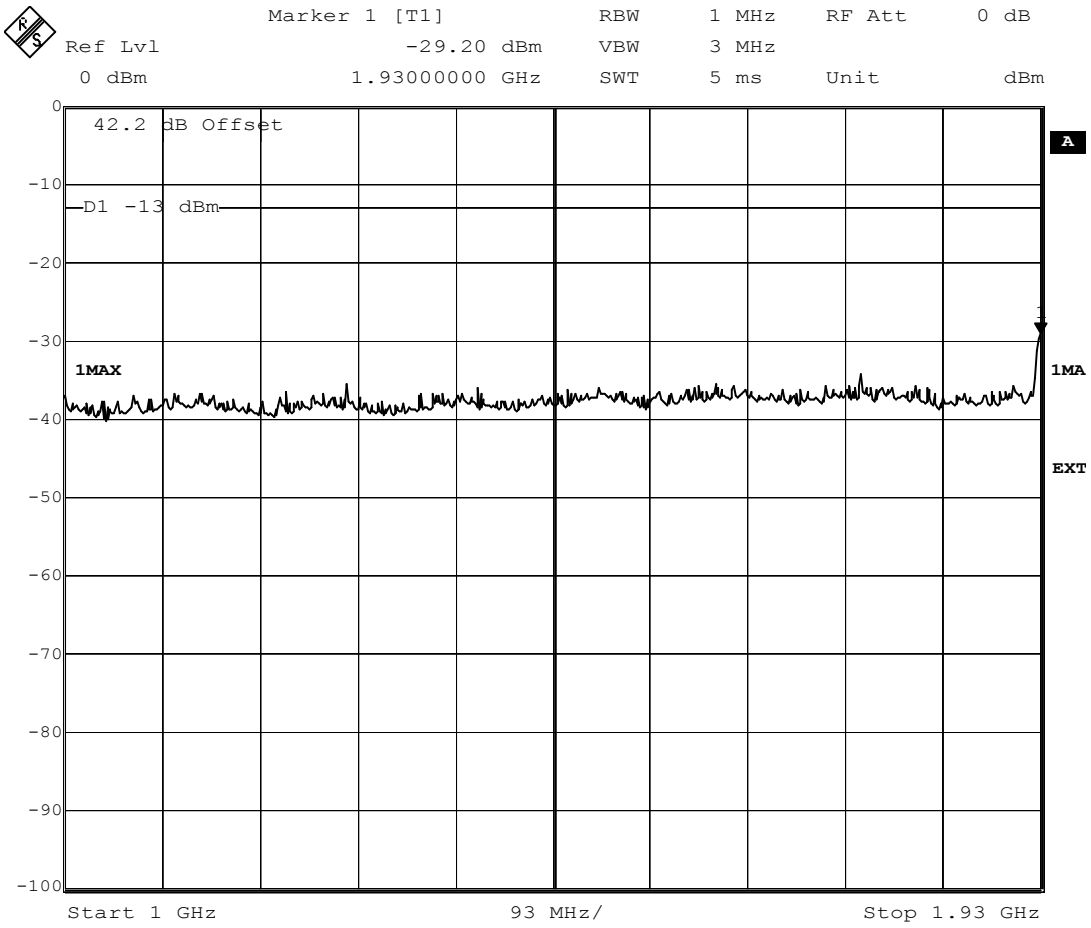
GPH\44324JD01\115
CH809 – CH784 Spurious Emissions GMSK – 9k – 1G – CDUA – sTRU0



Title: Testing for Ericsson AB. RBS 2202. FCC Part 24
Comment A: Spurious Emissions. Ch809_Ch784. GMSK Mode. CDU A Stru0.
Date: 20.JAN.2003 13:01:20

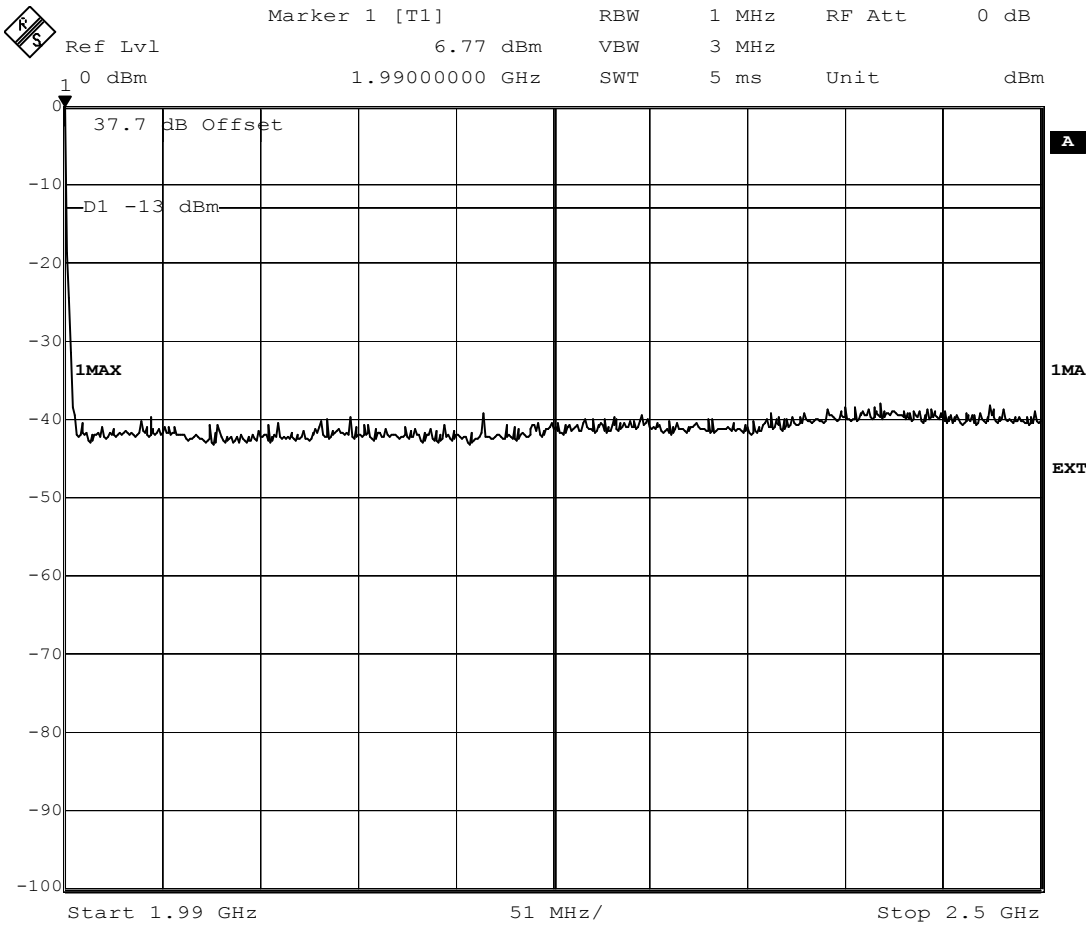
Test Of: Ericsson AB.
KRC131 139/01 sTRU-Edge Transceiver
To: FCC Part 24: 2001

GPH\44324JD01\116
CH809 – CH784 Spurious Emissions GMSK – 1G – 1.93G – CDUA – sTRU0



Title: Testing for Ericsson AB. RBS 2202. FCC Part 24
Comment A: Spurious Emissions. Ch809_Ch784. GMSK Mode. CDU A Stru0.
Date: 20.JAN.2003 13:02:06

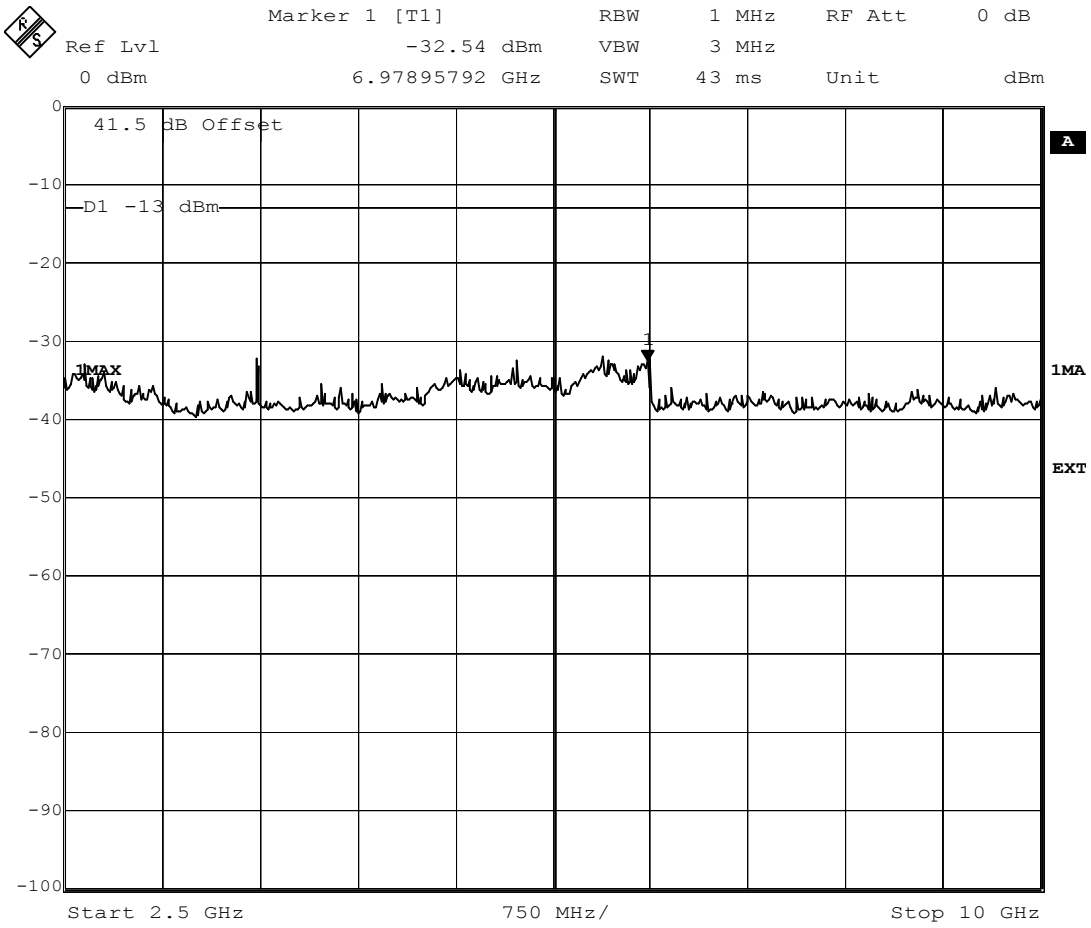
GPH\44324JD01\117
CH809 – CH784 Spurious Emissions GMSK – 1.99G – 2.5G – CDUA – sTRU0



Title: Testing for Ericsson AB. RBS 2202. FCC Part 24
Comment A: Spurious Emissions. Ch809_Ch784. GMSK Mode. CDU A Stru0.
Date: 20.JAN.2003 13:03:17

Test Of: **Ericsson AB.**
KRC131 139/01 sTRU-Edge Transceiver
To: **FCC Part 24: 2001**

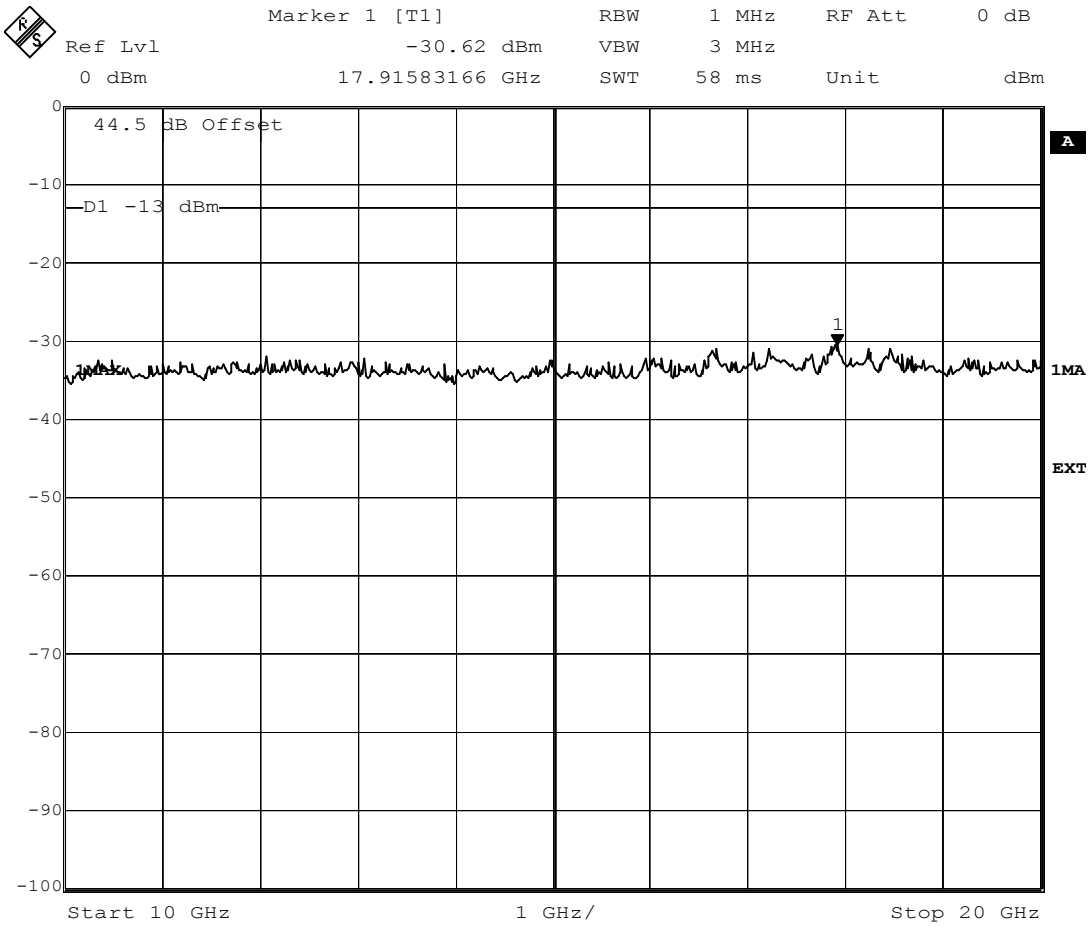
GPH\44324JD01\118
CH809 – CH784 Spurious Emissions GMSK – 2.5G – 10G – CDUA – sTRU0



Title: Testing for Ericsson AB. RBS 2202. FCC Part 24
Comment A: Spurious Emissions. Ch809_Ch784. GMSK Mode. CDU A Stru0.
Date: 20.JAN.2003 13:04:10

Test Of: **Ericsson AB.**
KRC131 139/01 sTRU-Edge Transceiver
To: **FCC Part 24: 2001**

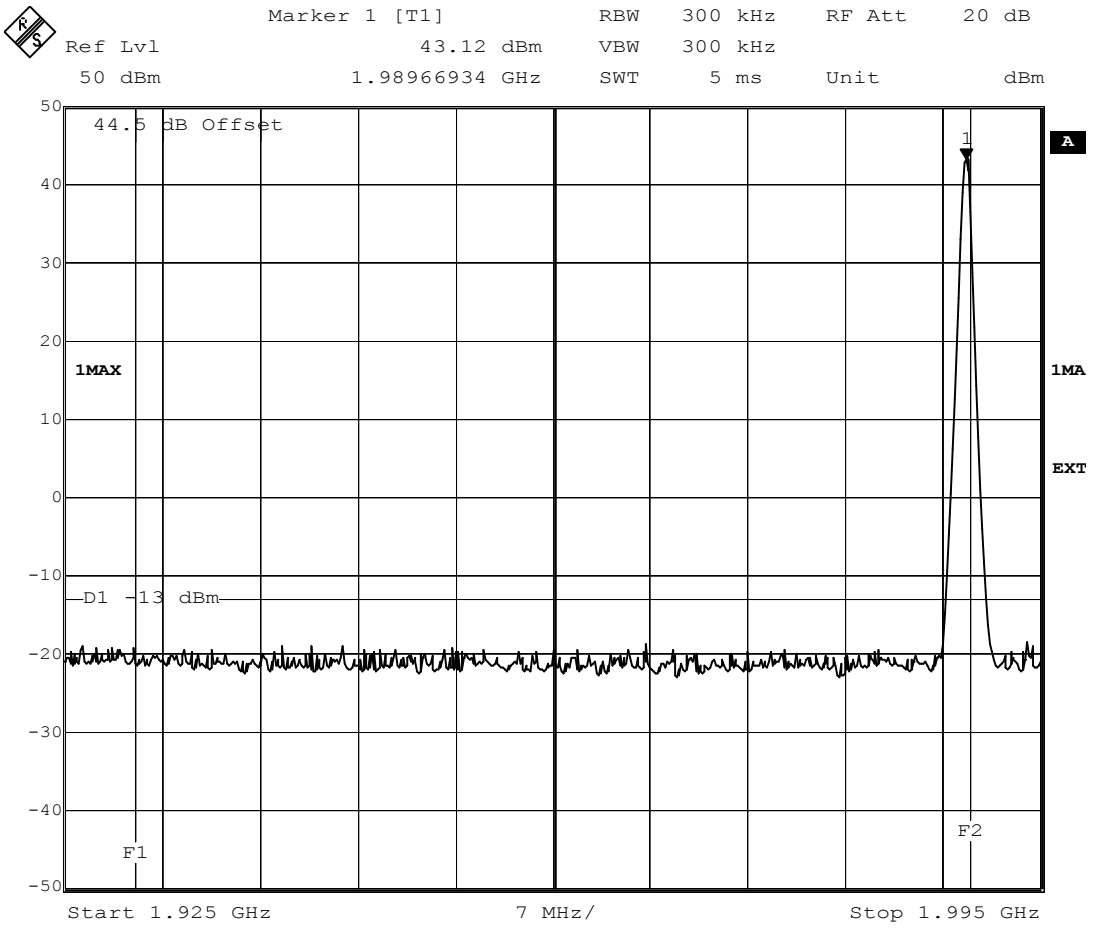
GPH\44324JD01\119
CH809 – CH784 Spurious Emissions GMSK – 10G – 20G – CDUA – sTRU0



Title: Testing for Ericsson AB. RBS 2202. FCC Part 24
Comment A: Spurious Emissions. Ch809_Ch784. GMSK Mode. CDU A Stru0.
Date: 20.JAN.2003 13:05:14

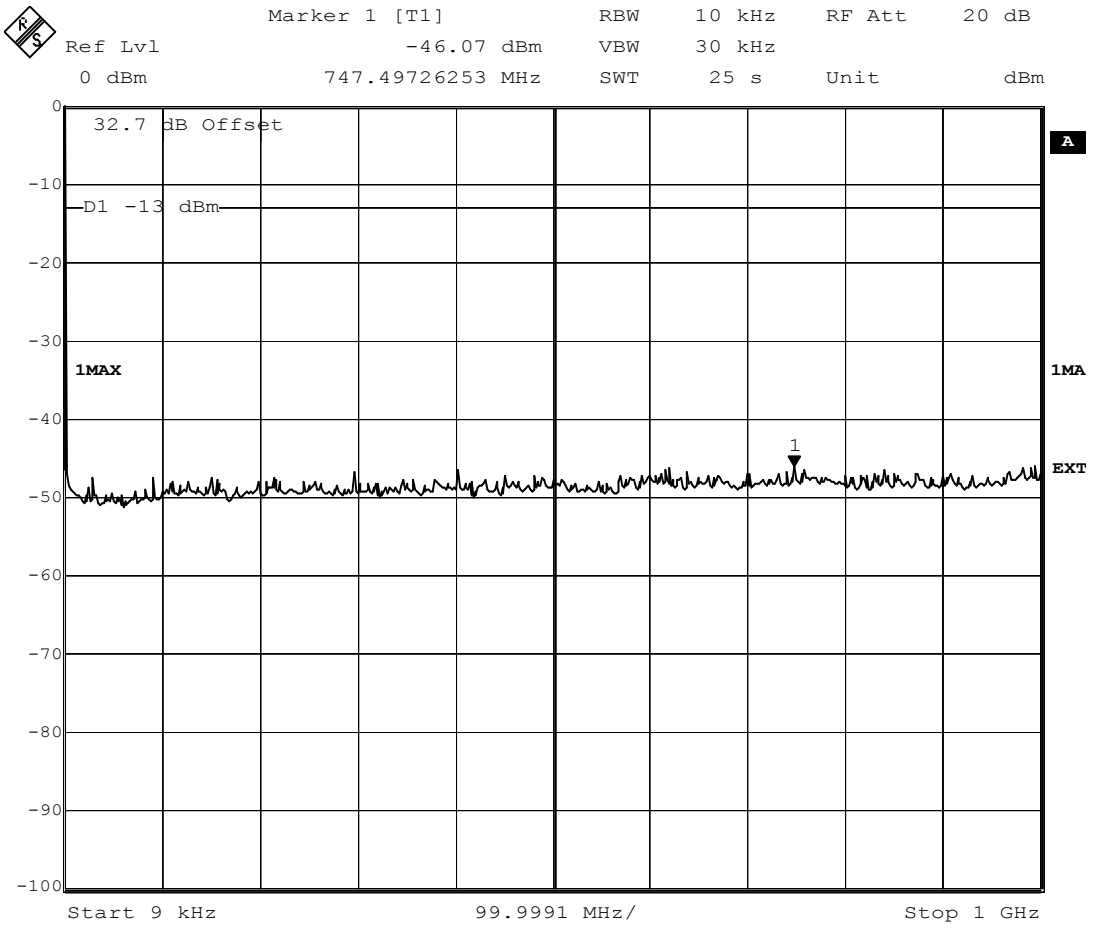
Test Of: Ericsson AB.
KRC131 139/01 sTRU-Edge Transceiver
To: FCC Part 24: 2001

GPH\44324JD01\120
CH809 – CH784 Intermodulation Test GMSK – CDUA – sTRU0



Title: Testing for Ericsson AB. RBS 2202. FCC Part 24
Comment A: Intermodulation Test. Ch809_Ch784. GMSK Mode. CDU A Stru0.
Date: 20.JAN.2003 12:59:48

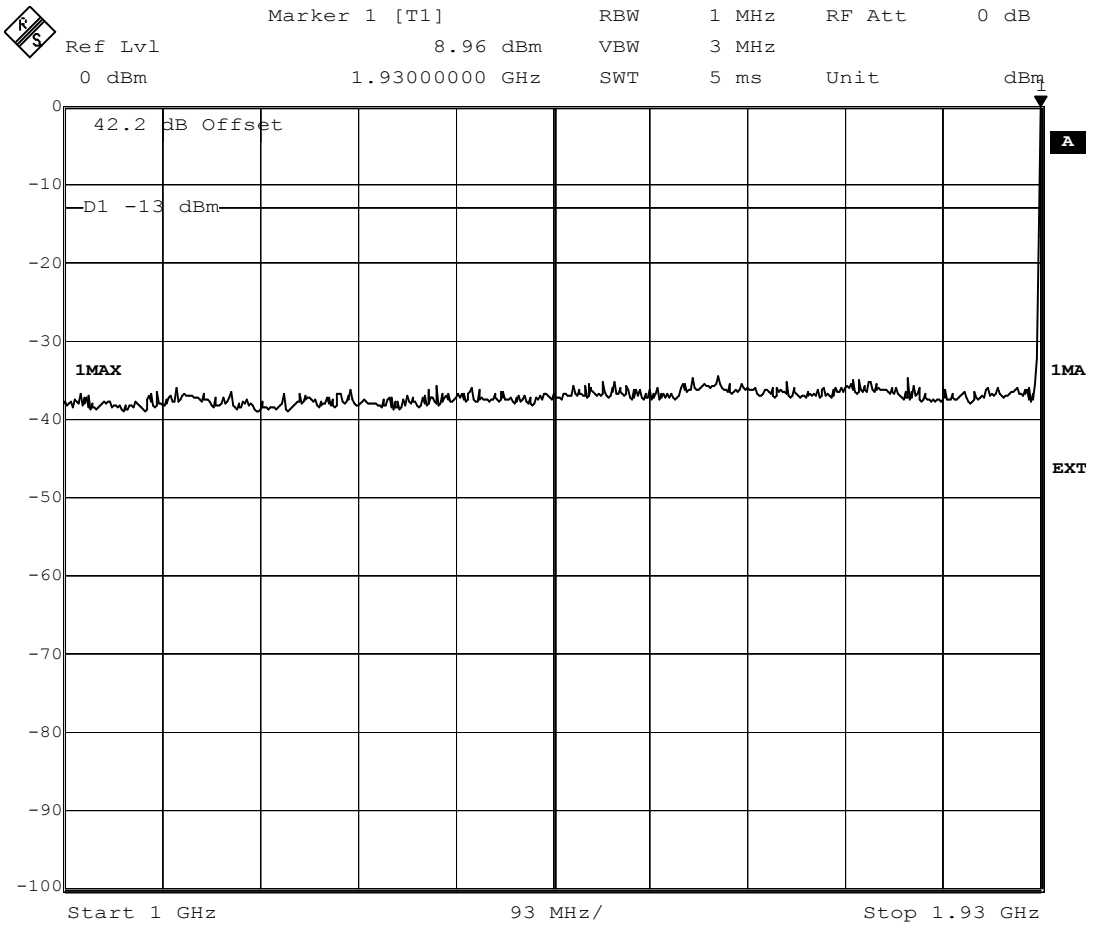
GPH\44324JD01\121
CH513 – CH538 Spurious Emissions GMSK – 9k – 1G – CDUA – sTRU1



Title: Testing for Ericsson AB. RBS 2202. FCC Part 24
Comment A: Spurious Emissions. Ch513_Ch538. GMSK Mode. CDU A Stru1.
Date: 20.JAN.2003 12:19:15

Test Of: **Ericsson AB.**
KRC131 139/01 sTRU-Edge Transceiver
To: **FCC Part 24: 2001**

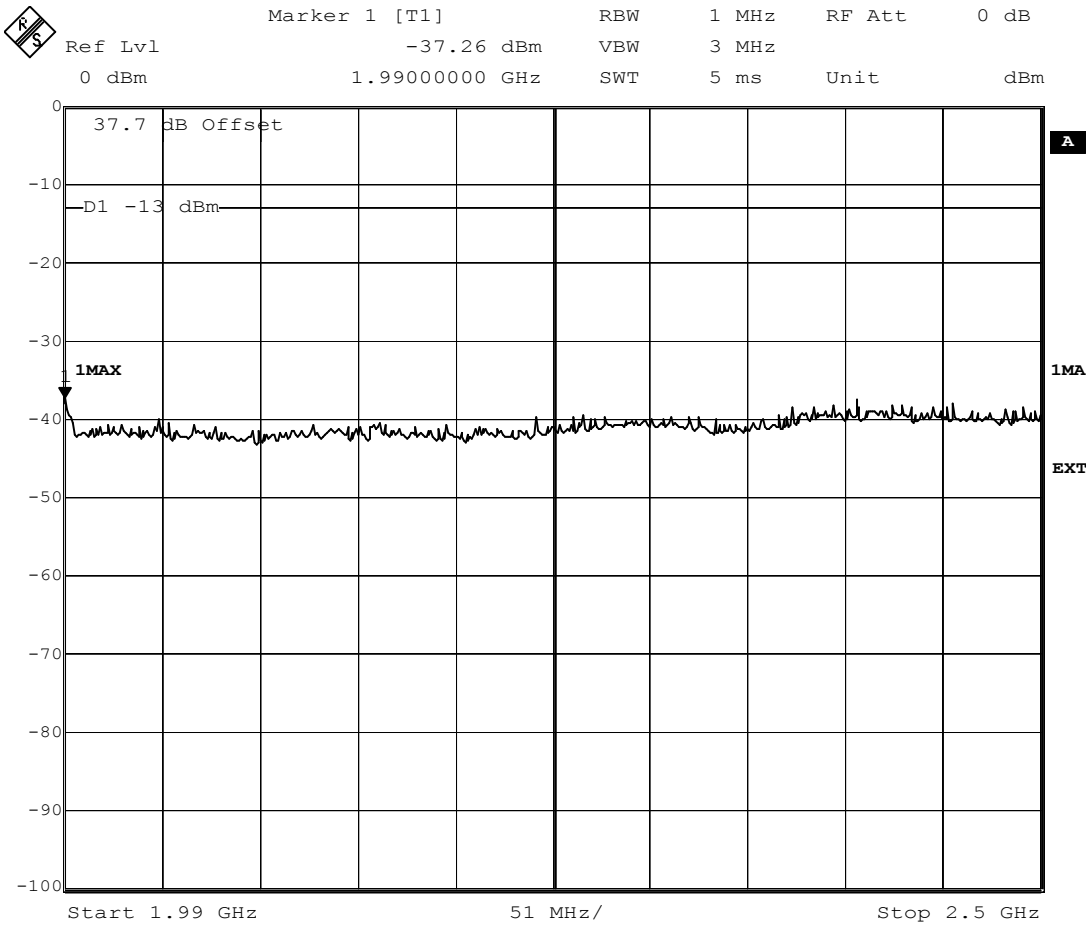
GPH\44324JD01\122
CH513 – CH538 Spurious Emissions GMSK – 1G – 1.93G – CDUA – sTRU1



Title: Testing for Ericsson AB. RBS 2202. FCC Part 24
Comment A: Spurious Emissions. Ch513_Ch538. GMSK Mode. CDU A Stru1.
Date: 20.JAN.2003 12:20:27

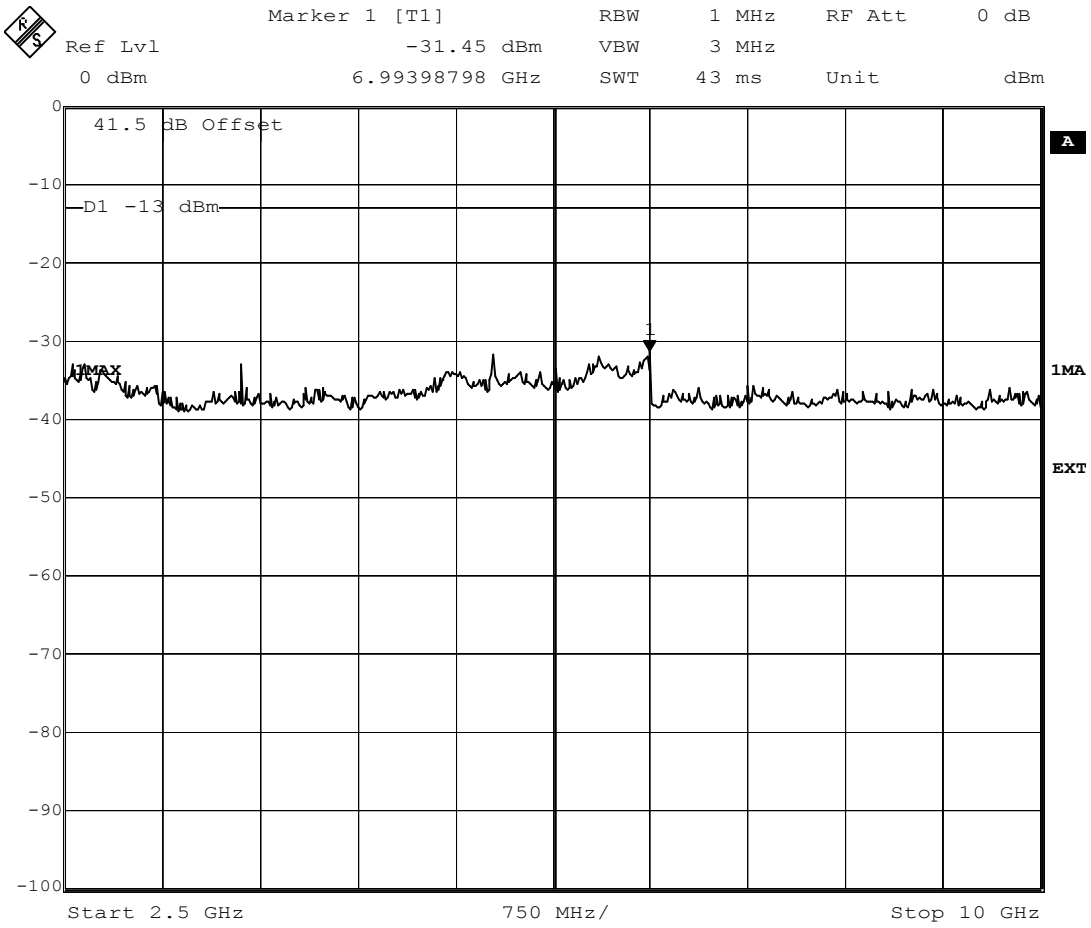
Test Of: **Ericsson AB.**
KRC131 139/01 sTRU-Edge Transceiver
To: **FCC Part 24: 2001**

GPH\44324JD01\123
CH513 – CH538 Spurious Emissions GMSK – 1.99G – 2.5G – CDUA – sTRU1



Title: Testing for Ericsson AB. RBS 2202. FCC Part 24
Comment A: Spurious Emissions. Ch513_Ch538. GMSK Mode. CDU A Stru1.
Date: 20.JAN.2003 12:21:06

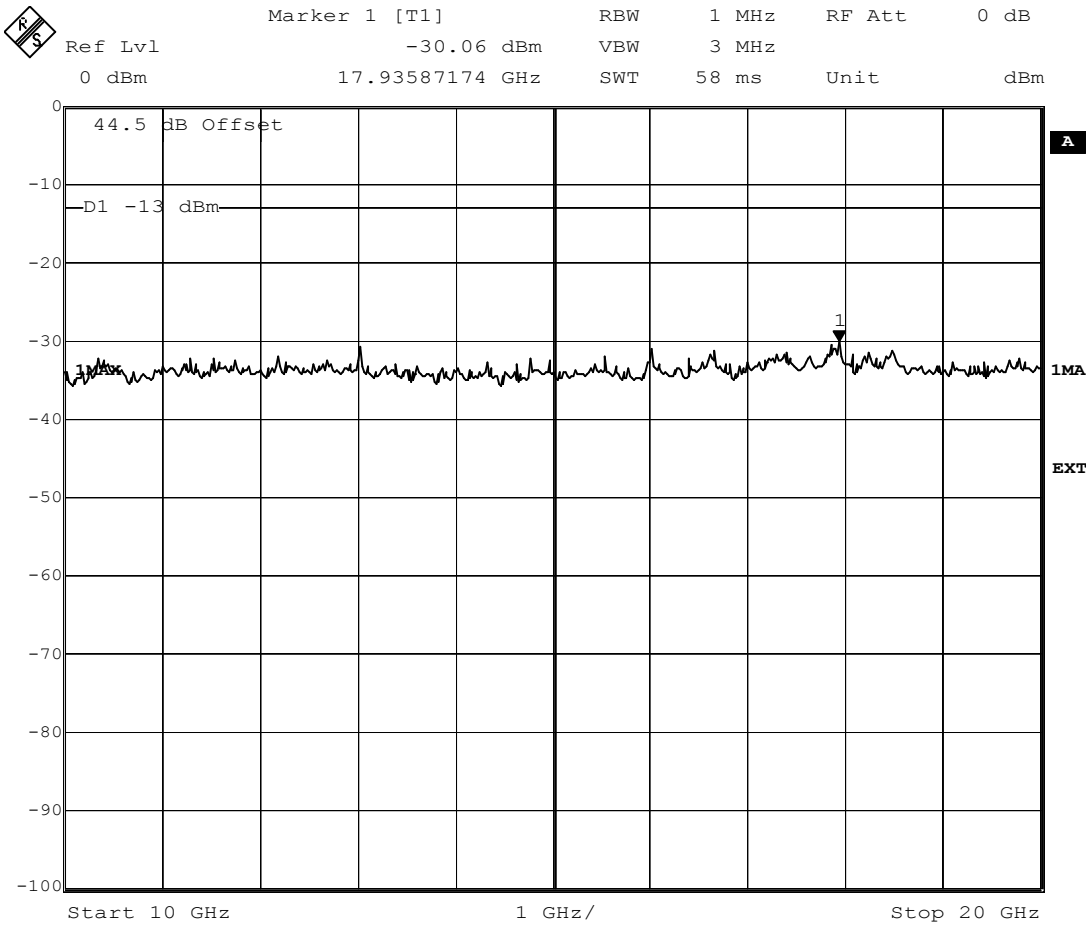
GPH\44324JD01\124
CH513 – CH538 Spurious Emissions GMSK – 2.5G – 10G – CDUA – sTRU1



Title: Testing for Ericsson AB. RBS 2202. FCC Part 24
Comment A: Spurious Emissions. Ch513_Ch538. GMSK Mode. CDU A Stru1.
Date: 20.JAN.2003 12:22:29

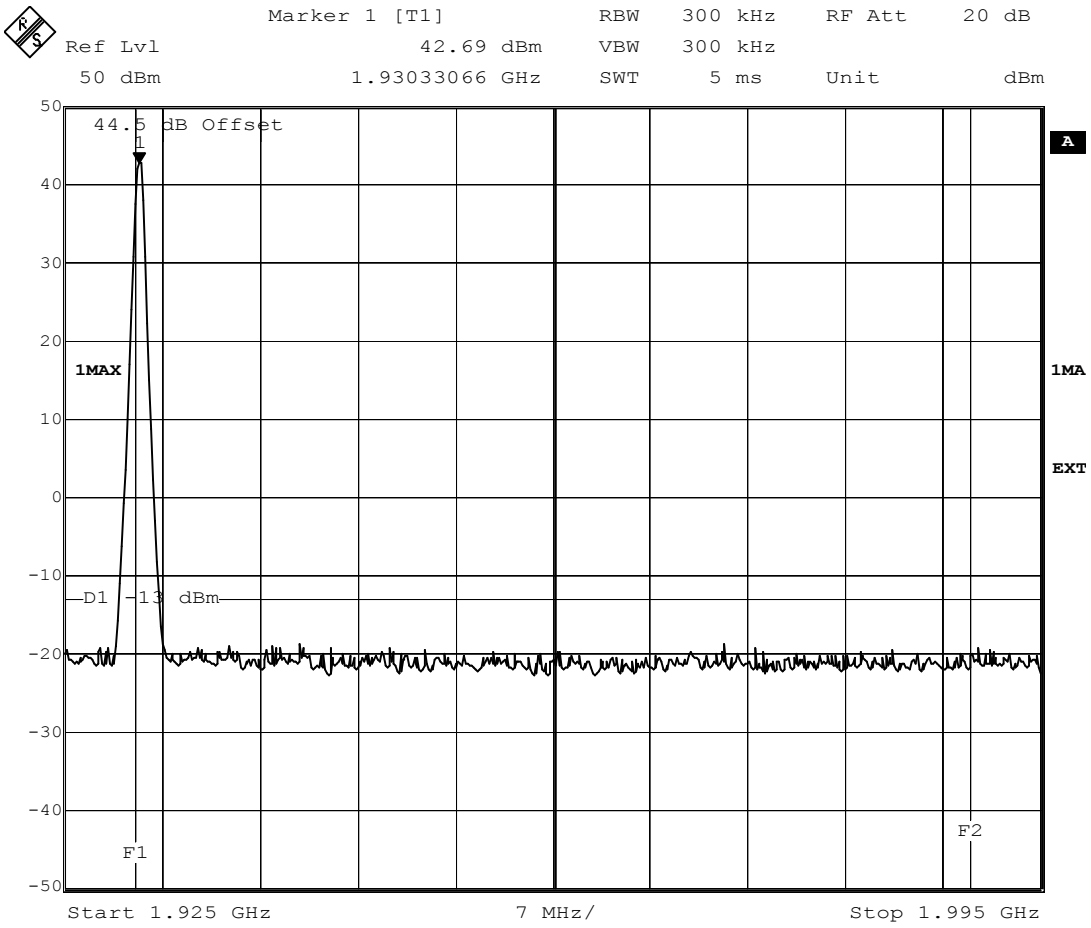
Test Of: Ericsson AB.
KRC131 139/01 sTRU-Edge Transceiver
To: FCC Part 24: 2001

GPH\44324JD01\125
CH513 – CH538 Spurious Emissions GMSK – 10G – 20G – CDUA – sTRU1



Title: Testing for Ericsson AB. RBS 2202. FCC Part 24
Comment A: Spurious Emissions. Ch513_Ch538. GMSK Mode. CDU A Stru1.
Date: 20.JAN.2003 12:16:51

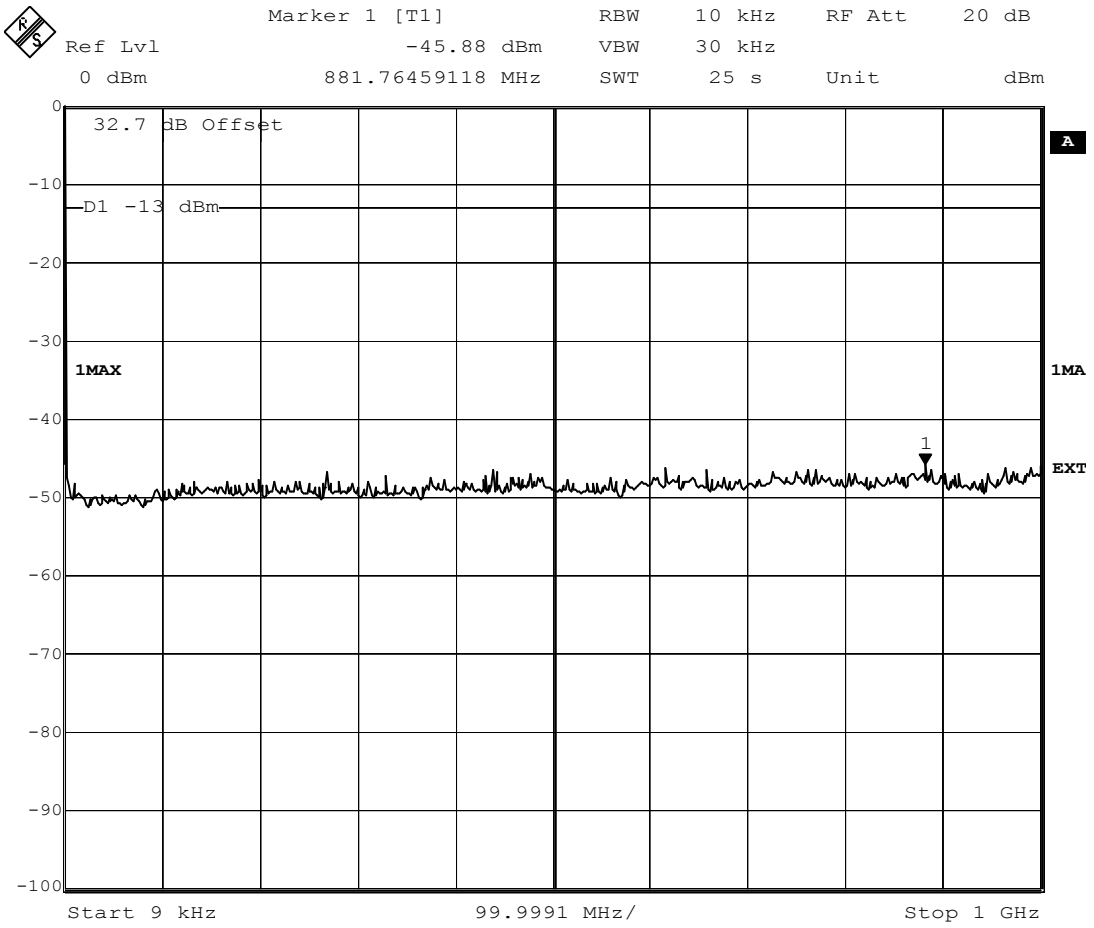
GPH\44324JD01\126
CH513 – CH538 Intermodulation Test GMSK – CDUA – sTRU1



Title: Testing for Ericsson AB. RBS 2202. FCC Part 24
Comment A: Intermodulation Test. Ch513_Ch538. GMSK Mode. CDU A Stru1.
Date: 20.JAN.2003 12:17:54

Test Of: Ericsson AB.
KRC131 139/01 sTRU-Edge Transceiver
To: FCC Part 24: 2001

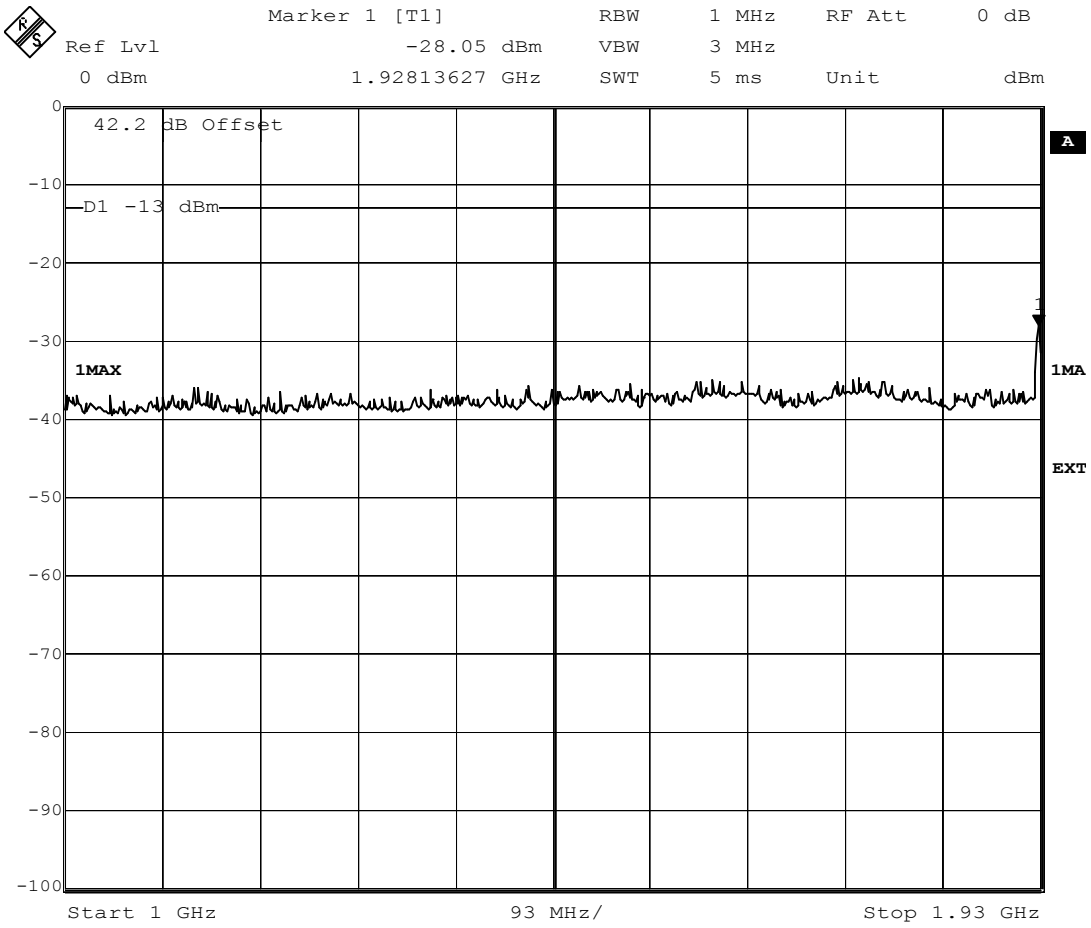
GPH\44324JD01\127
CH809 – CH784 Spurious Emissions GMSK – 9k – 1G – CDUA – sTRU1



Title: Testing for Ericsson AB. RBS 2202. FCC Part 24
Comment A: Spurious Emissions. Ch809_Ch784. GMSK Mode. CDU A Stru1.
Date: 20.JAN.2003 12:37:27

Test Of: Ericsson AB.
KRC131 139/01 sTRU-Edge Transceiver
To: FCC Part 24: 2001

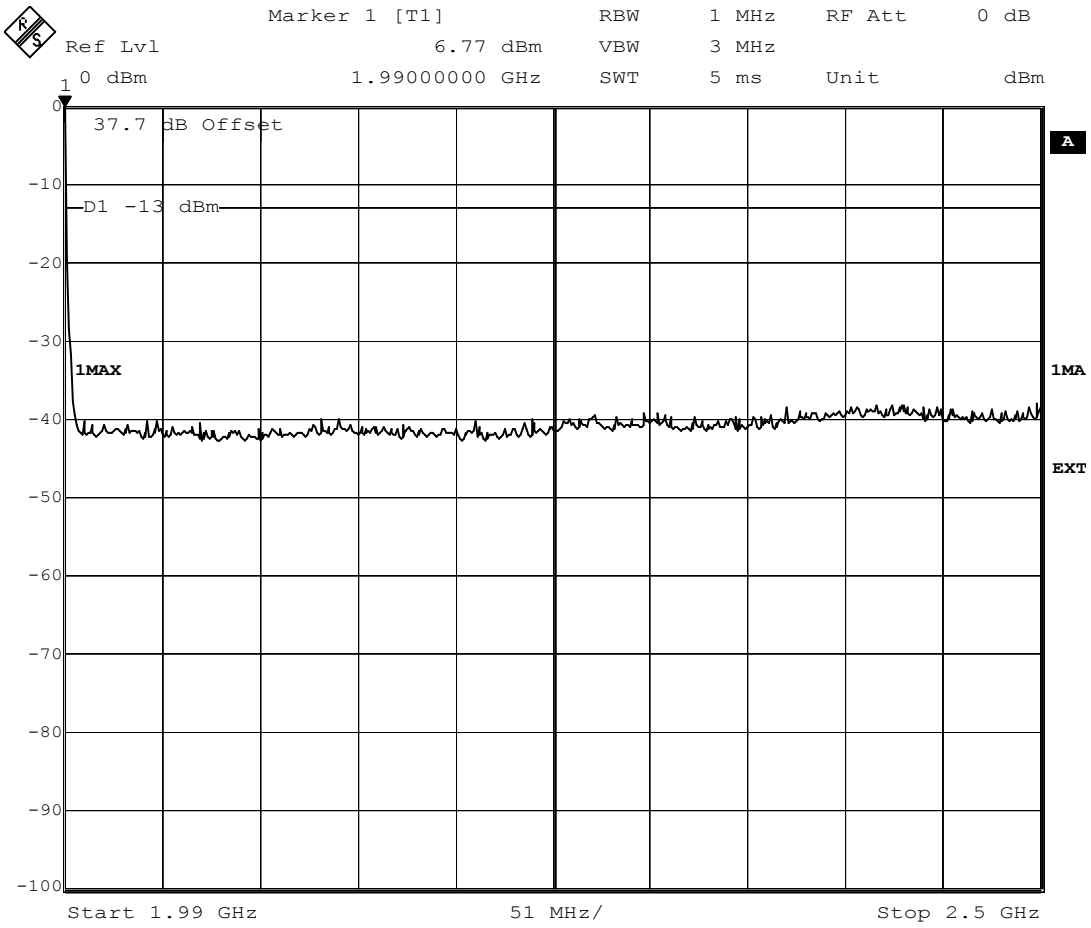
GPH\44324JD01\128
CH809 – CH784 Spurious Emissions GMSK – 1G – 1.93G – CDUA – sTRU1



Title: Testing for Ericsson AB. RBS 2202. FCC Part 24
Comment A: Spurious Emissions. Ch809_Ch784. GMSK Mode. CDU A Stru1.
Date: 20.JAN.2003 12:38:32

Test Of: Ericsson AB.
KRC131 139/01 sTRU-Edge Transceiver
To: FCC Part 24: 2001

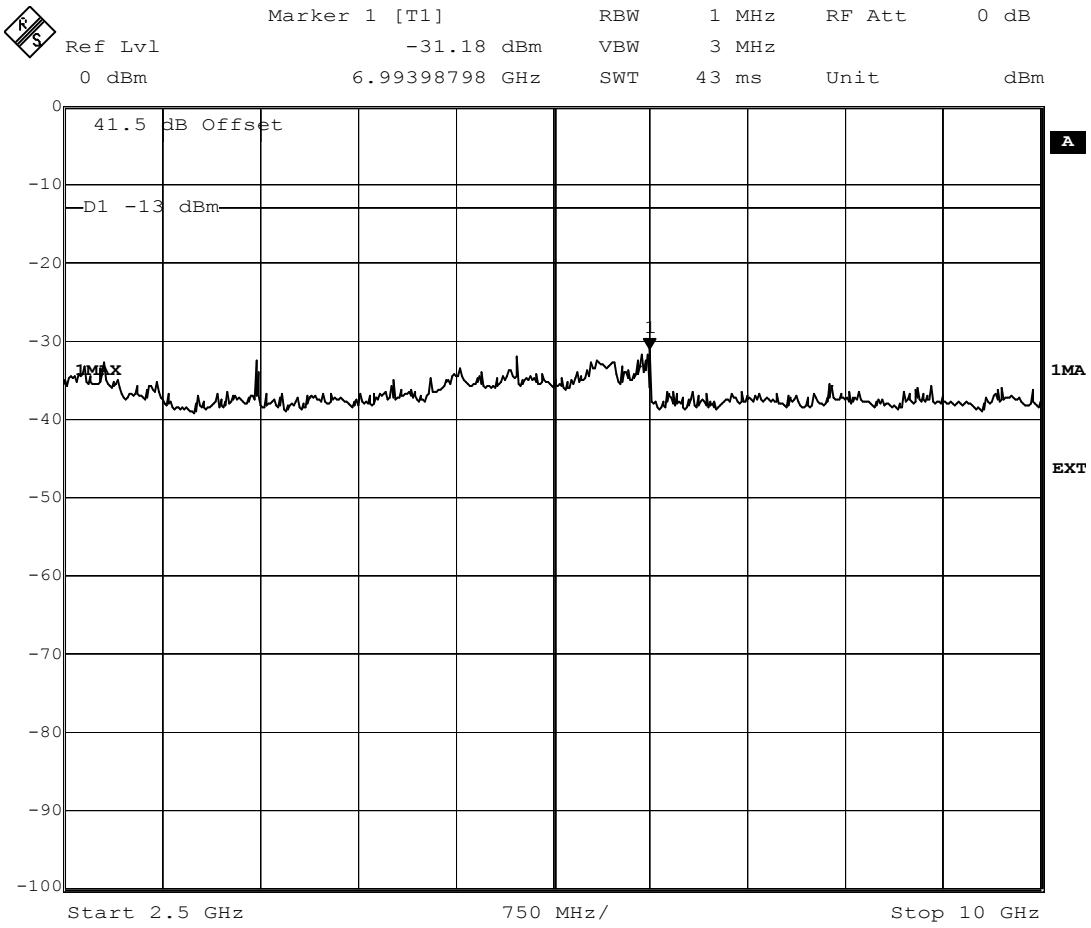
GPH\44324JD01\129
CH809 – CH784 Spurious Emissions GMSK – 1.99G – 2.5G – CDUA – sTRU1



Title: Testing for Ericsson AB. RBS 2202. FCC Part 24
Comment A: Spurious Emissions. Ch809_Ch784. GMSK Mode. CDU A Stru1.
Date: 20.JAN.2003 12:39:27

Test Of: Ericsson AB.
KRC131 139/01 sTRU-Edge Transceiver
To: FCC Part 24: 2001

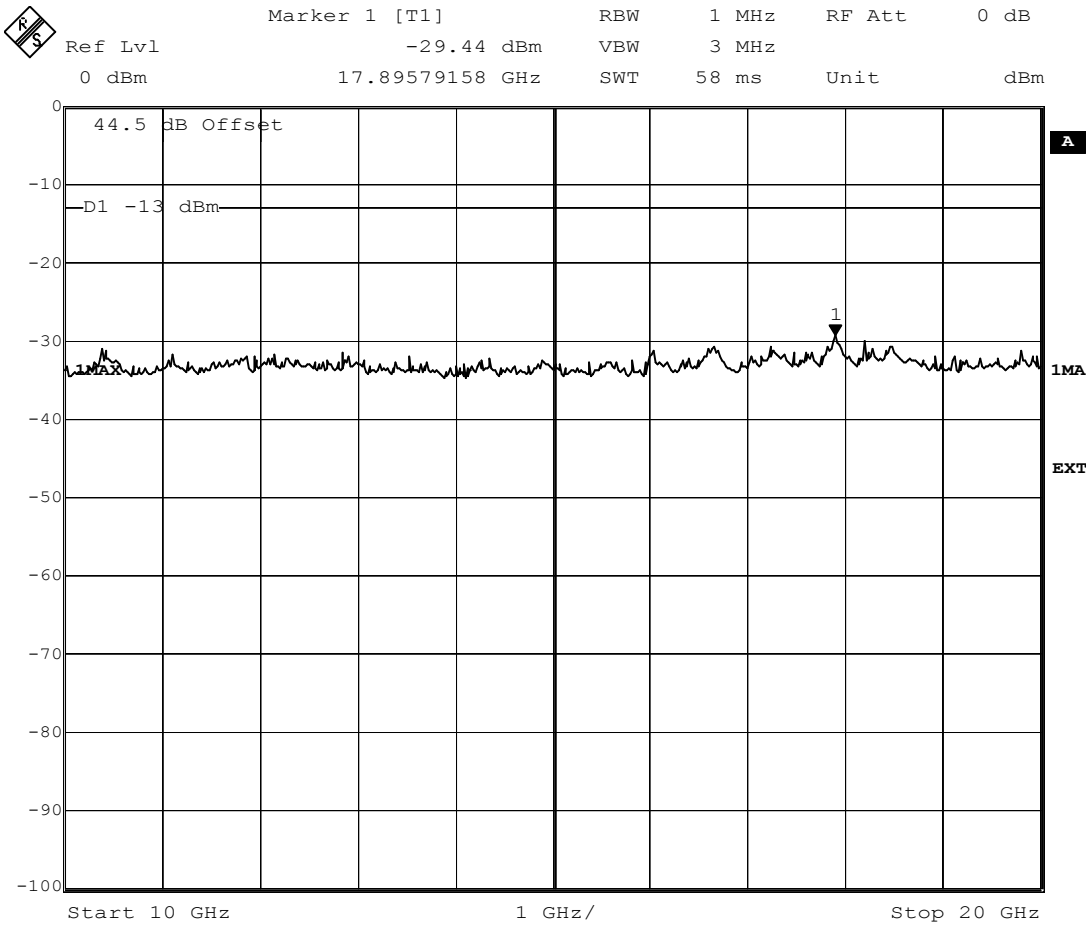
GPH\44324JD01\130
CH809 – CH784 Spurious Emissions GMSK – 2.5G – 10G – CDUA – sTRU1



Title: Testing for Ericsson AB. RBS 2202. FCC Part 24
Comment A: Spurious Emissions. Ch809_Ch784. GMSK Mode. CDU A Stru1.
Date: 20.JAN.2003 12:35:09

Test Of: Ericsson AB.
KRC131 139/01 sTRU-Edge Transceiver
To: FCC Part 24: 2001

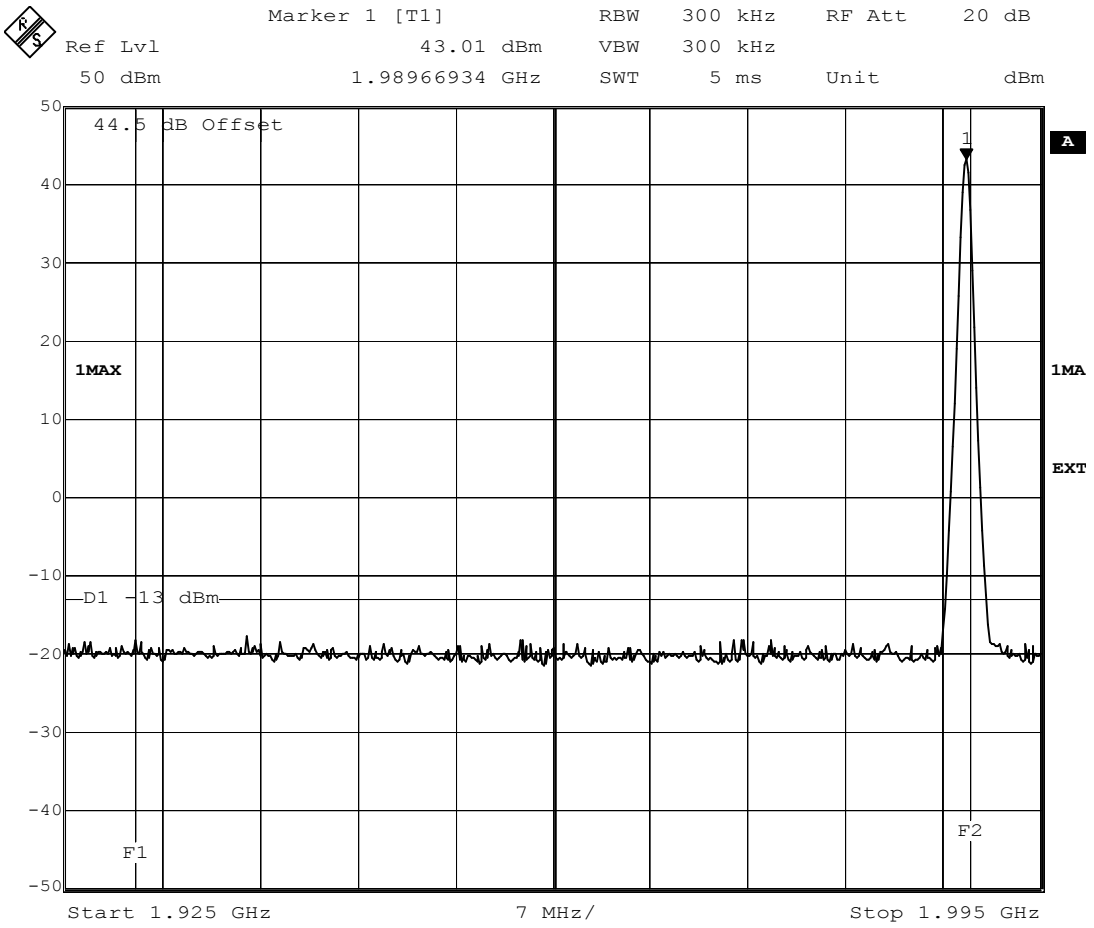
GPH\44324JD01\131
CH809 – CH784 Spurious Emissions GMSK – 10G – 20G – CDUA – sTRU1



Title: Testing for Ericsson AB. RBS 2202. FCC Part 24
Comment A: Spurious Emissions. Ch809_Ch784. GMSK Mode. CDU A Stru1.
Date: 20.JAN.2003 12:45:33

Test Of: **Ericsson AB.**
KRC131 139/01 sTRU-Edge Transceiver
To: **FCC Part 24: 2001**

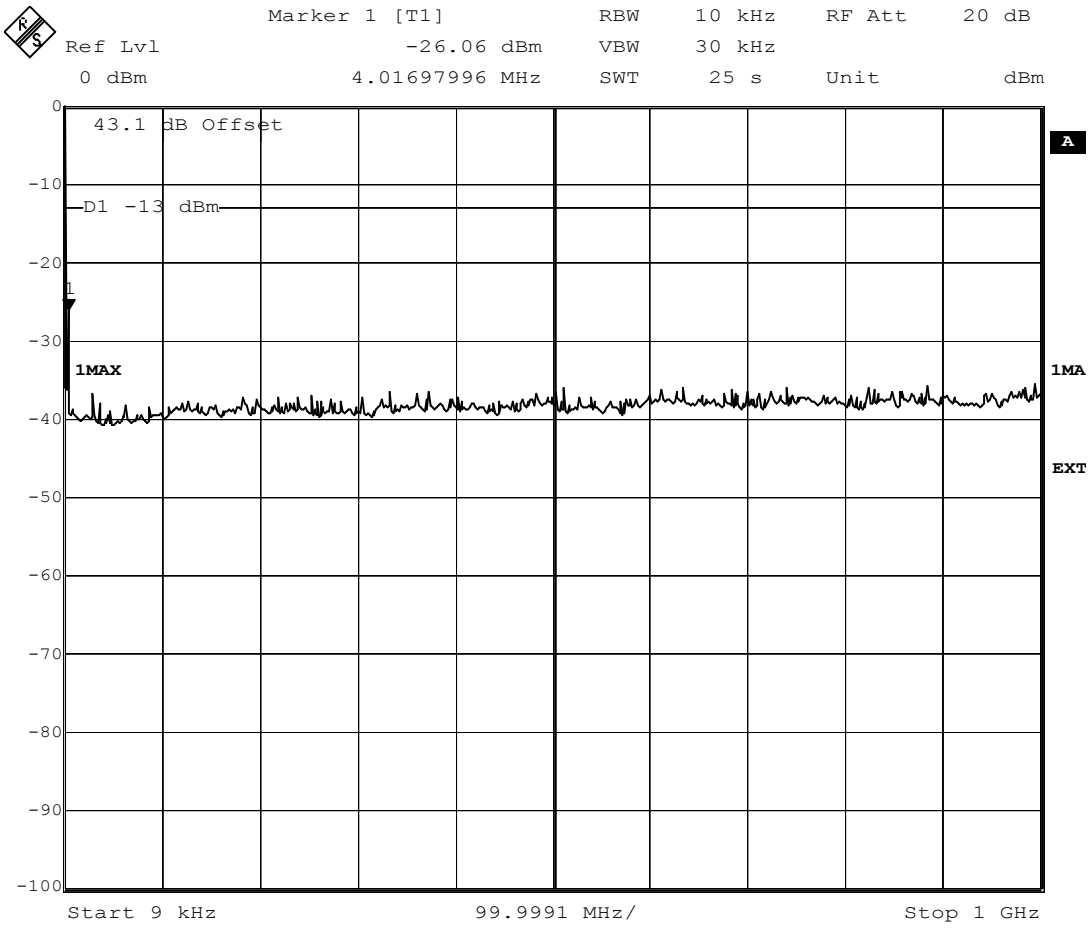
GPH\44324JD01\132
CH809 – CH784 Intermodulation Test 8PSK – CDUA – sTRU1



Title: Testing for Ericsson AB. RBS 2202. FCC Part 24
Comment A: Intermodulation Test. Ch809_Ch784. GMSK Mode. CDU A Stru1.
Date: 20.JAN.2003 12:48:00

Test Of: Ericsson AB.
KRC131 139/01 sTRU-Edge Transceiver
To: FCC Part 24: 2001

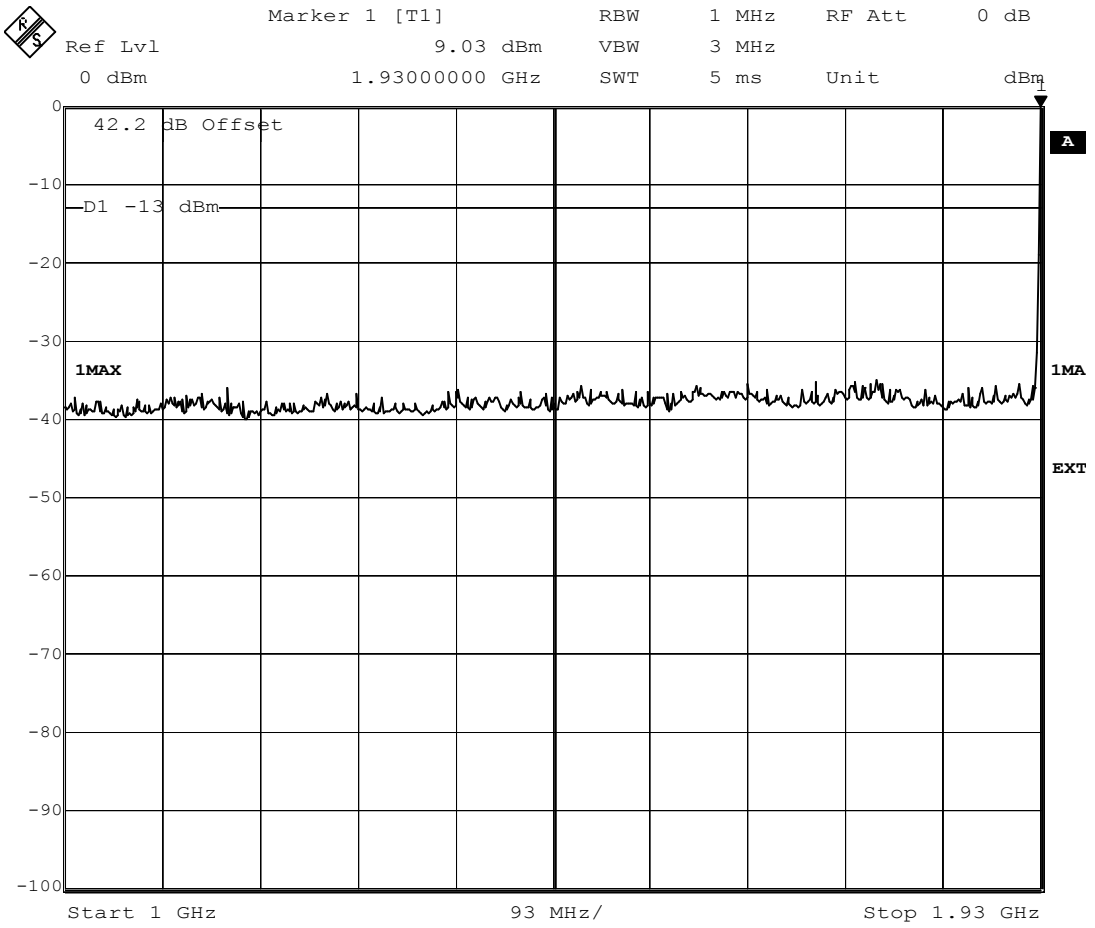
GPH\44324JD01\133
CH513 – CH538 Spurious Emissions GMSK – 9k – 1G – CDUC+ – sTRU2&3



Title: Testing for Ericsson AB. RBS 2202. FCC Part 24
Comment A: Spurious Emissions. Ch513_Ch538. GMSK Mode. CDU C+ Stru2&3.
Date: 20.JAN.2003 10:21:22

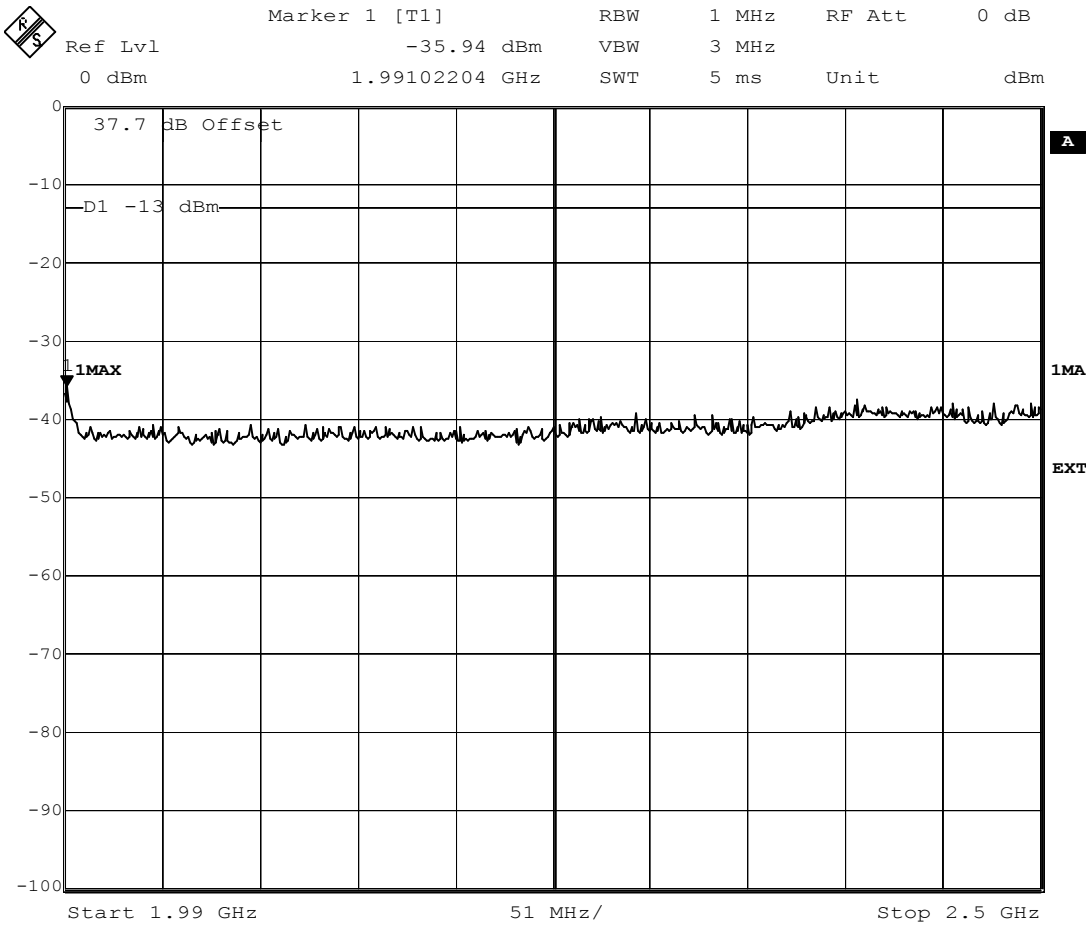
Test Of: Ericsson AB.
KRC131 139/01 sTRU-Edge Transceiver
To: FCC Part 24: 2001

GPH\44324JD01\134
CH513 – CH538 Spurious Emissions GMSK – 1G – 1.93G – CDUC+ – sTRU2&3



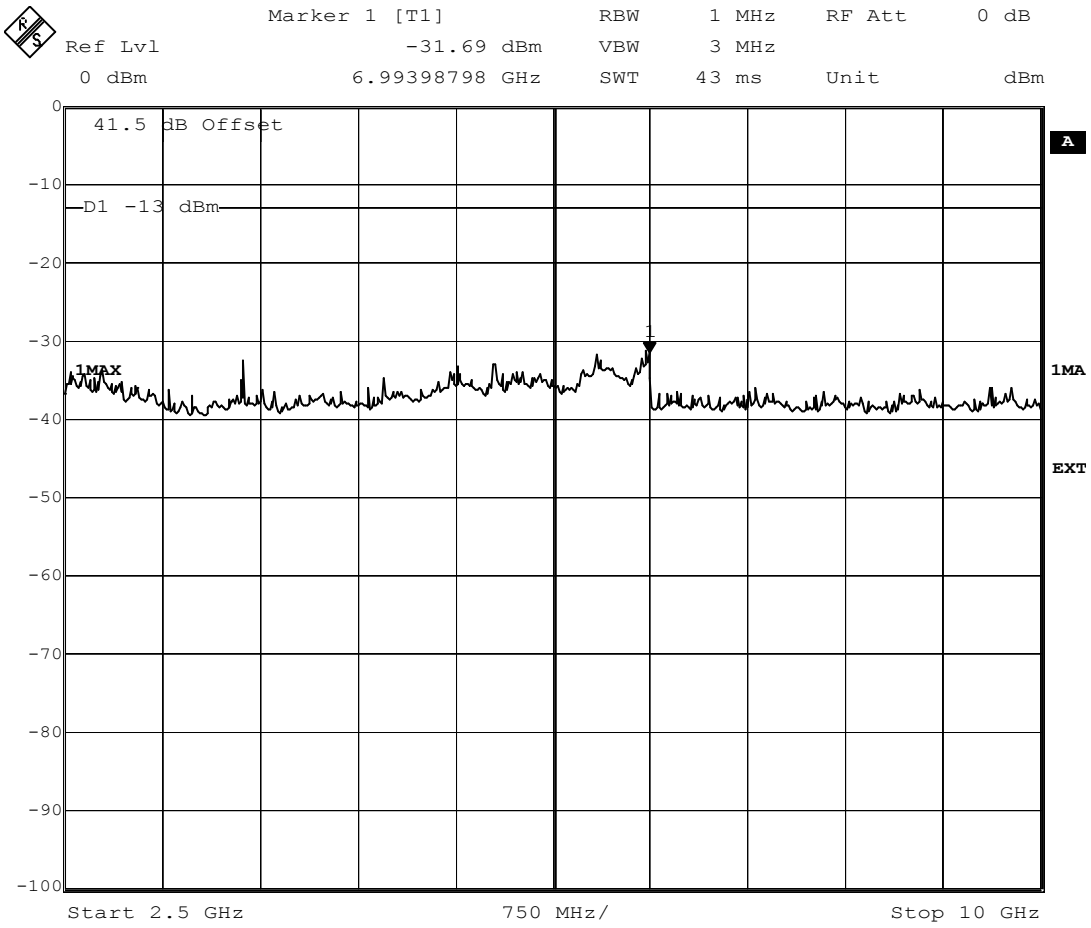
Title: Testing for Ericsson AB. RBS 2202. FCC Part 24
Comment A: Spurious Emissions. Ch513_Ch538. GMSK Mode. CDU C+ Stru2&3.
Date: 20.JAN.2003 10:25:39

GPH\44324JD01\135
CH513 – CH538 Spurious Emissions GMSK – 1.99G – 2.5G – CDUC+ – sTRU2&3



Title: Testing for Ericsson AB. RBS 2202. FCC Part 24
Comment A: Spurious Emissions. Ch513_Ch538. GMSK Mode. CDU C+ Stru2&3.
Date: 20.JAN.2003 10:26:42

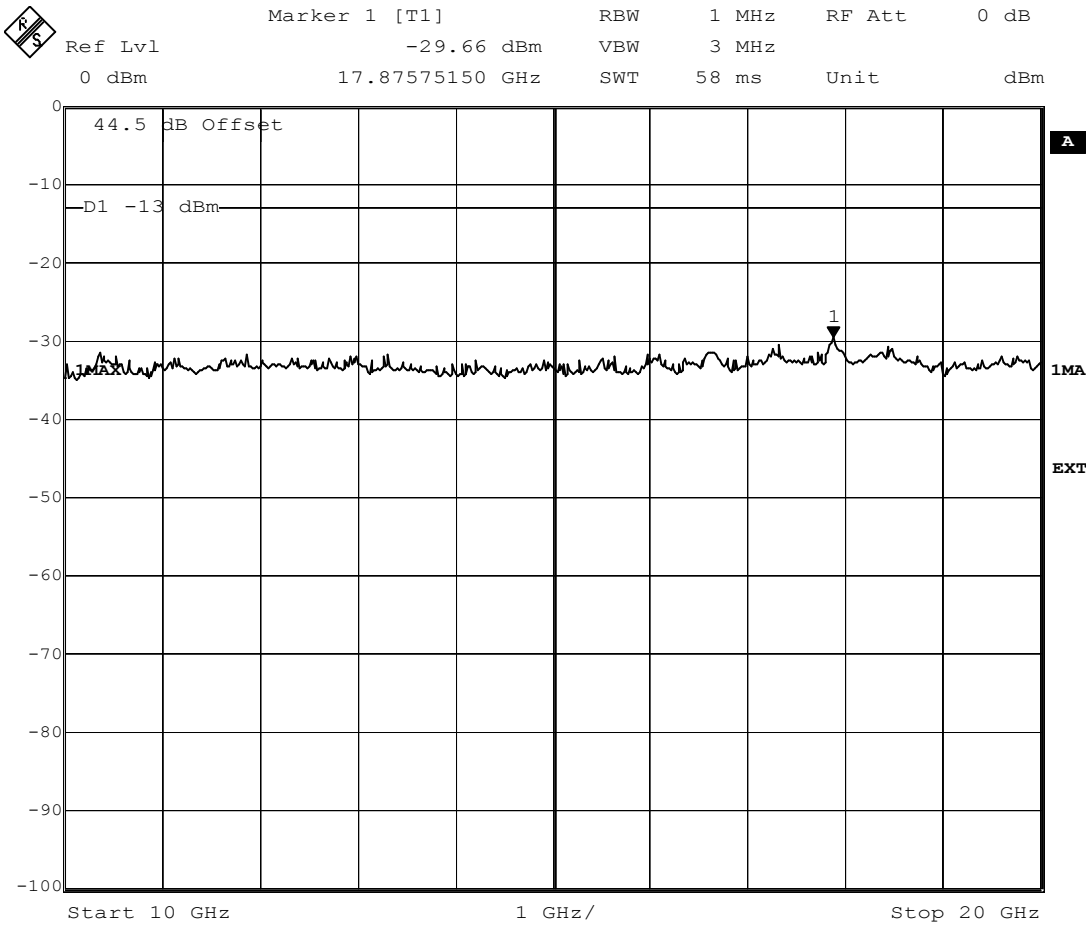
GPH\44324JD01\136
CH513 – CH538 Spurious Emissions GMSK – 2.5G – 10G – CDUC+ – sTRU2&3



Title: Testing for Ericsson AB. RBS 2202. FCC Part 24
Comment A: Spurious Emissions. Ch513_Ch538. GMSK Mode. CDU C+ Stru2&3.
Date: 20.JAN.2003 10:23:28

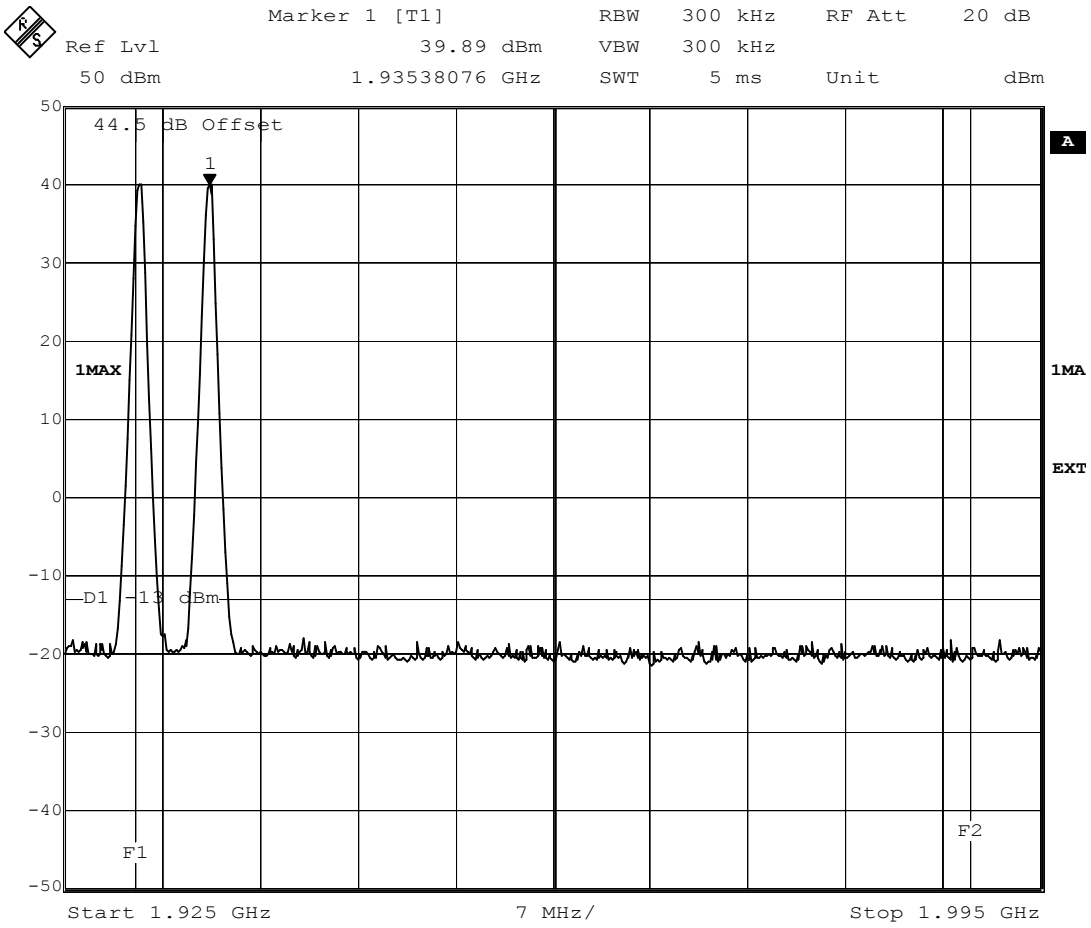
Test Of: **Ericsson AB.**
KRC131 139/01 sTRU-Edge Transceiver
To: **FCC Part 24: 2001**

GPH\44324JD01\137
CH513 – CH538 Spurious Emissions GMSK – 10G – 20G – CDUC+ – sTRU2&3



Title: Testing for Ericsson AB. RBS 2202. FCC Part 24
Comment A: Spurious Emissions. Ch513_Ch538. GMSK Mode. CDU C+ Stru2&3.
Date: 20.JAN.2003 10:19:40

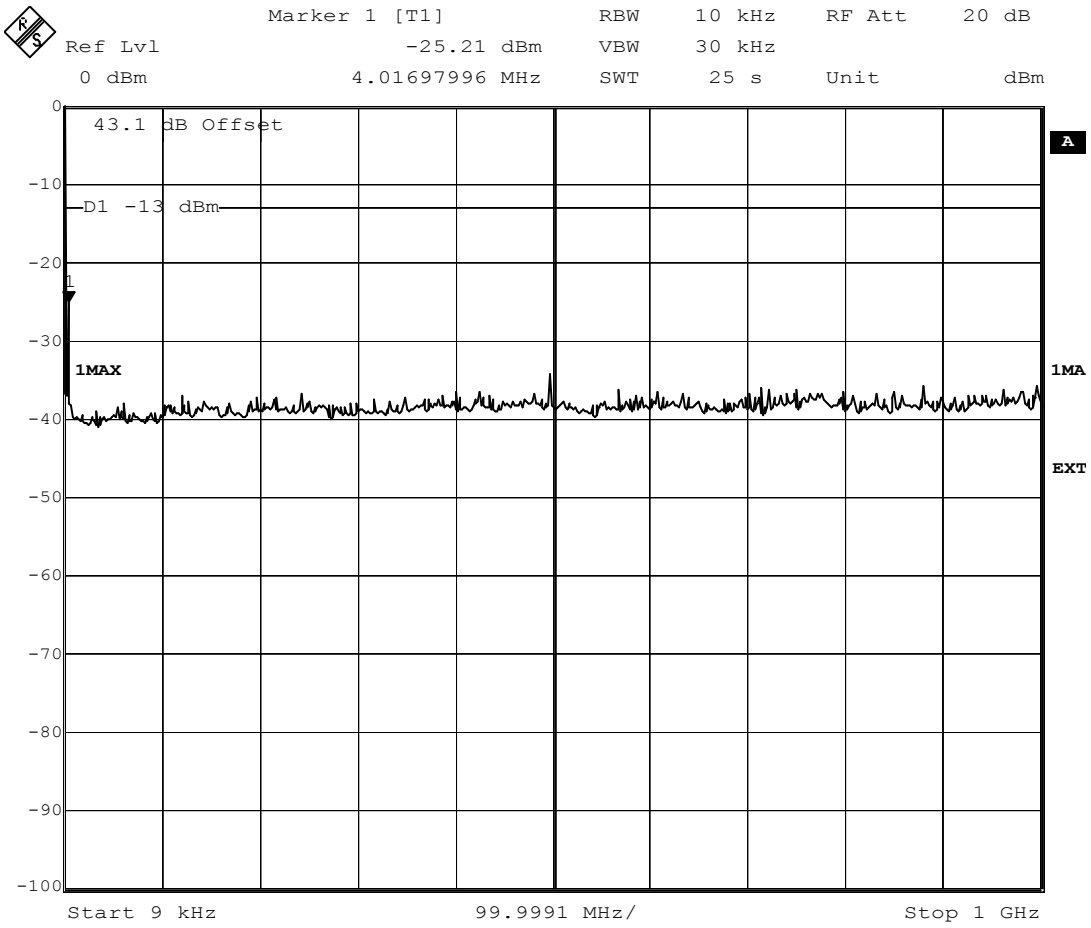
GPH\44324JD01\138
CH513 – CH538 Intermodulation Test GMSK – CDUC+ – sTRU2&3



Title: Testing for Ericsson AB. RBS 2202. FCC Part 24
Comment A: Intermodulation Test. Ch513_Ch538. GMSK Mode. CDU C+ Stru2&3
.
Date: 20.JAN.2003 10:22:19

Test Of: Ericsson AB.
KRC131 139/01 sTRU-Edge Transceiver
To: FCC Part 24: 2001

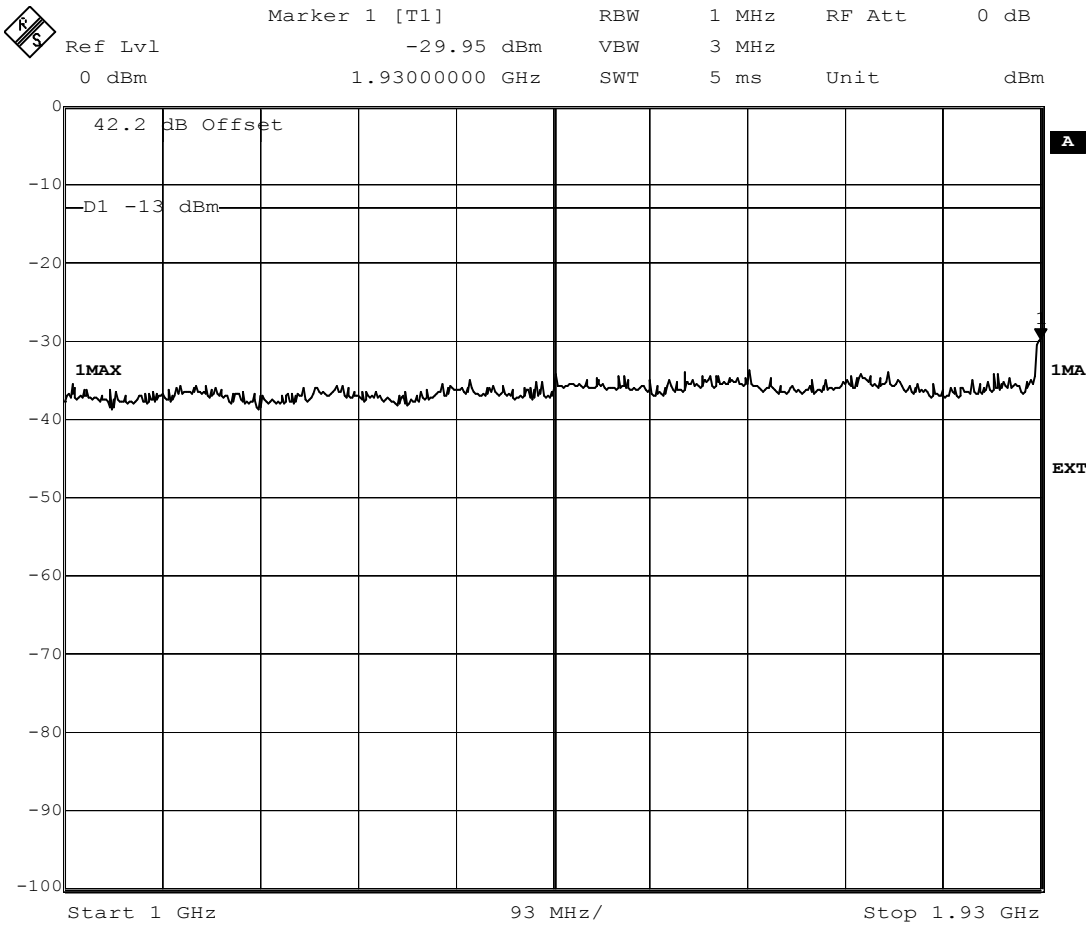
GPH\44324JD01\139
CH809 – CH784 Spurious Emissions GMSK – 9k – 1G – CDUC+ – sTRU2&3



Title: Testing for Ericsson AB. RBS 2202. FCC Part 24
Comment A: Spurious Emissions. Ch784_Ch809. GMSK Mode. CDU C+ Stru2&3.
Date: 20.JAN.2003 10:03:52

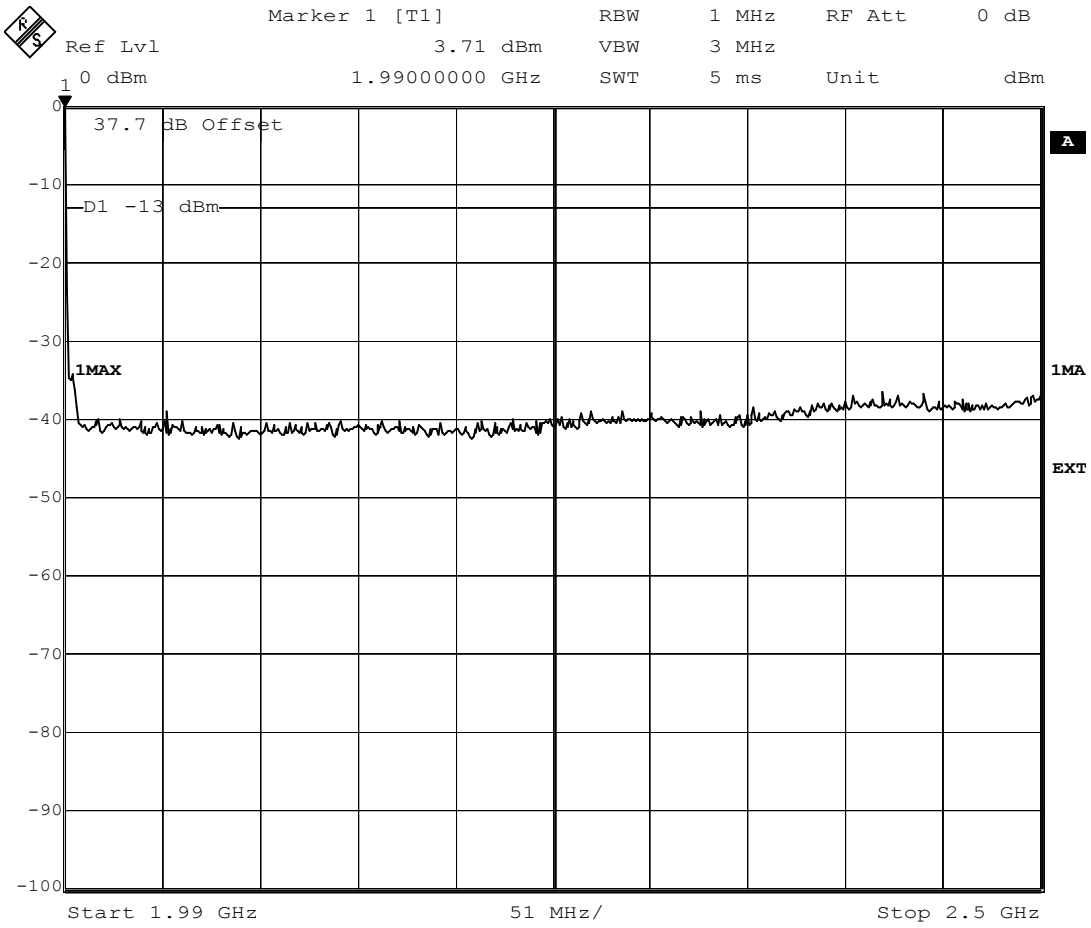
Test Of: **Ericsson AB.**
KRC131 139/01 sTRU-Edge Transceiver
To: **FCC Part 24: 2001**

GPH\44324JD01\140
CH809 – CH784 Spurious Emissions GMSK – 1G – 1.93G – CDUC+ – sTRU2&3



Title: Testing for Ericsson AB. RBS 2202. FCC Part 24
Comment A: Spurious Emissions. Ch784_Ch809. GMSK Mode. CDU C+ Stru2&3.
Date: 20.JAN.2003 10:01:23

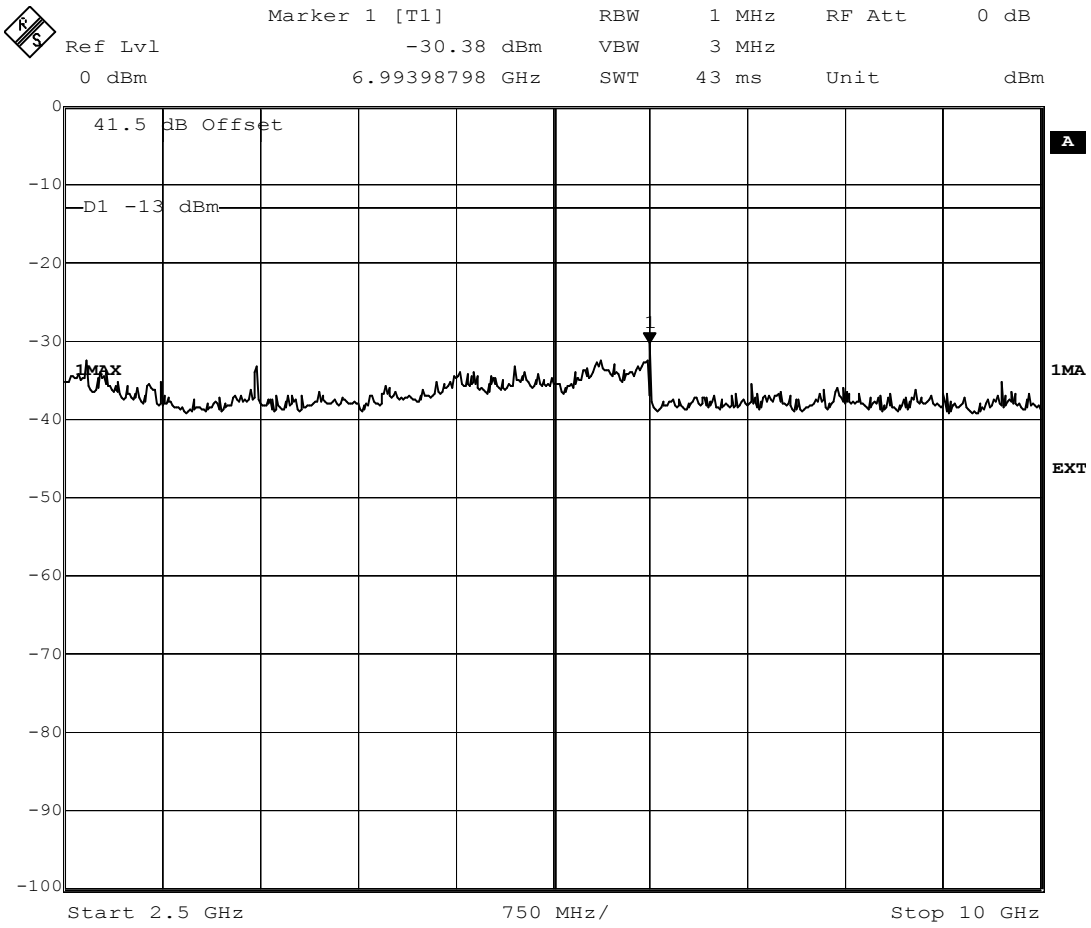
GPH\44324JD01\141
CH809 – CH784 Spurious Emissions GMSK – 1.99G – 2.5G – CDUC+ – sTRU2&3



Title: Testing for Ericsson AB. RBS 2202. FCC Part 24
Comment A: Spurious Emissions. Ch784_Ch809. GMSK Mode. CDU C+ Stru2&3.
Date: 20.JAN.2003 09:59:46

Test Of: **Ericsson AB.**
KRC131 139/01 sTRU-Edge Transceiver
To: **FCC Part 24: 2001**

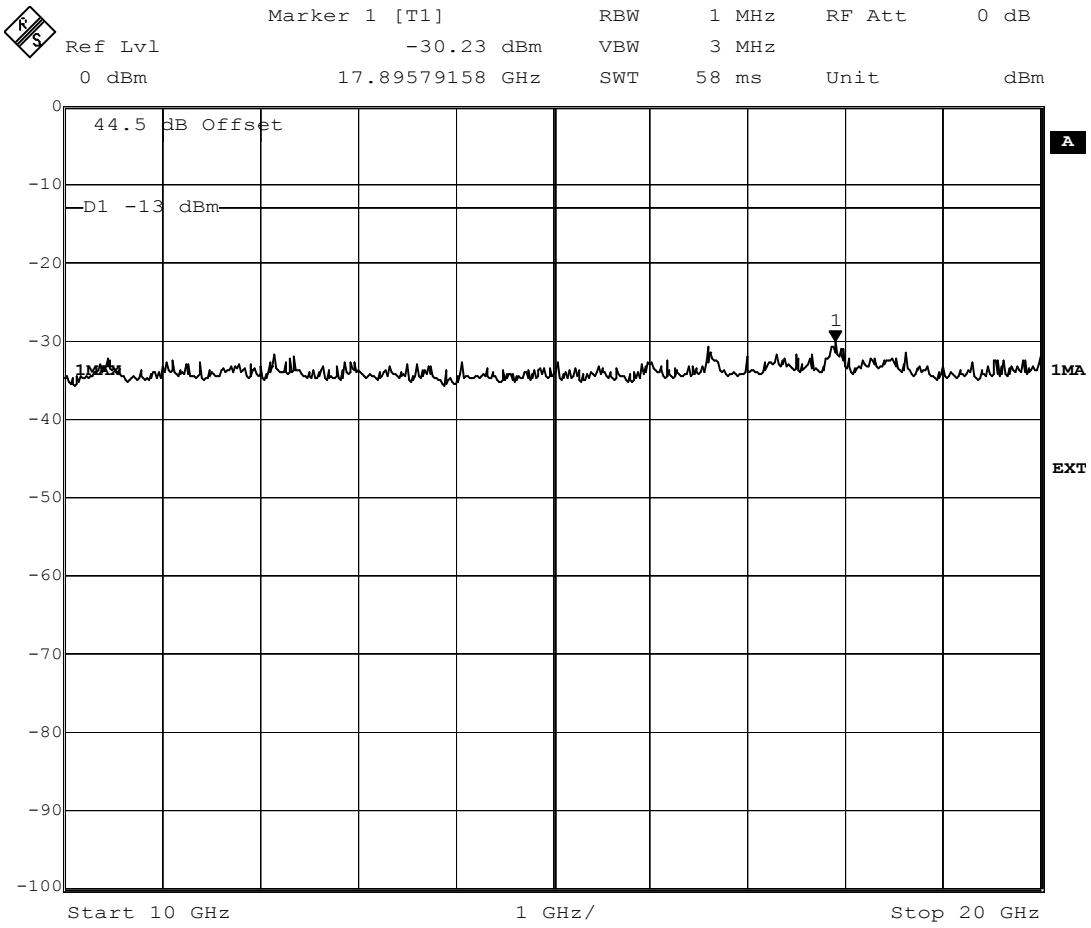
GPH\44324JD01\142
CH809 – CH784 Spurious Emissions GMSK – 2.5G – 10G – CDUC+ – sTRU2&3



Title: Testing for Ericsson AB. RBS 2202. FCC Part 24
Comment A: Spurious Emissions. Ch784_Ch809. GMSK Mode. CDU C+ Stru2&3.
Date: 20.JAN.2003 10:07:05

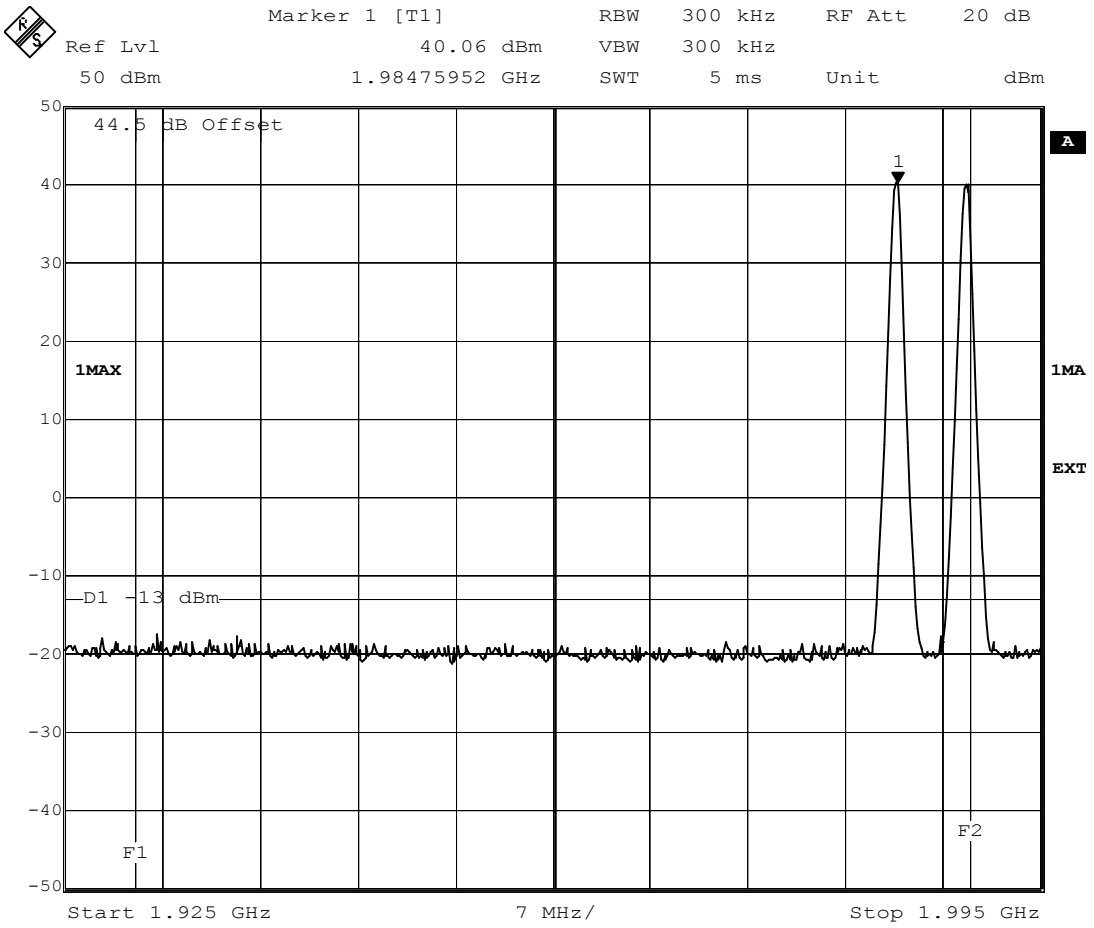
Test Of: **Ericsson AB.**
KRC131 139/01 sTRU-Edge Transceiver
To: **FCC Part 24: 2001**

GPH\44324JD01\143
CH809 – CH784 Spurious Emissions GMSK – 10G – 20G – CDUC+ – sTRU2&3



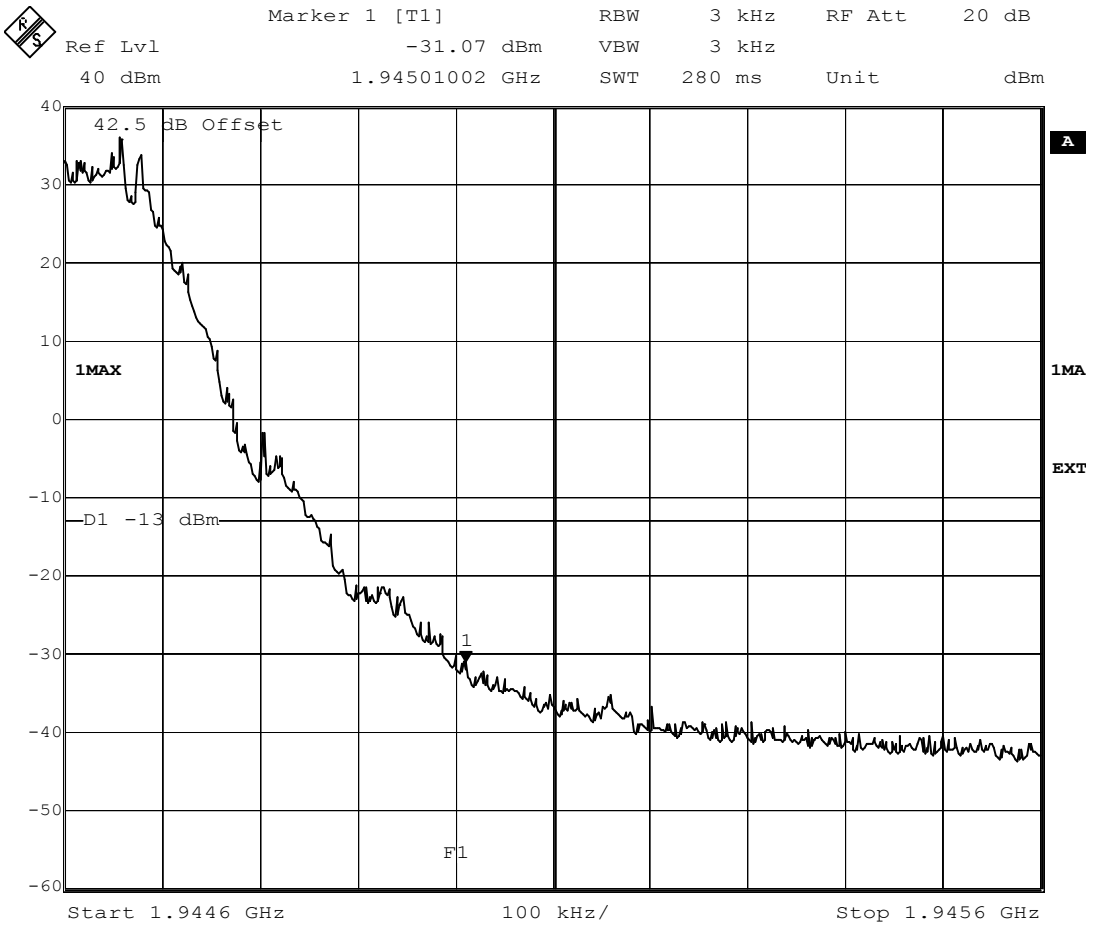
Title: Testing for Ericsson AB. RBS 2202. FCC Part 24
Comment A: Spurious Emissions. Ch784_Ch809. GMSK Mode. CDU C+ Stru2&3.
Date: 20.JAN.2003 10:09:39

GPH\44324JD01\144
CH809 – CH784 Intermodulation Test GMSK – CDUC+ – sTRU2&3



Title: Testing for Ericsson AB. RBS 2202. FCC Part 24
Comment A: Intermodulation Test. Ch784_Ch809. GMSK Mode. CDU C+ Stru2&3
.
Date: 20.JAN.2003 10:05:33

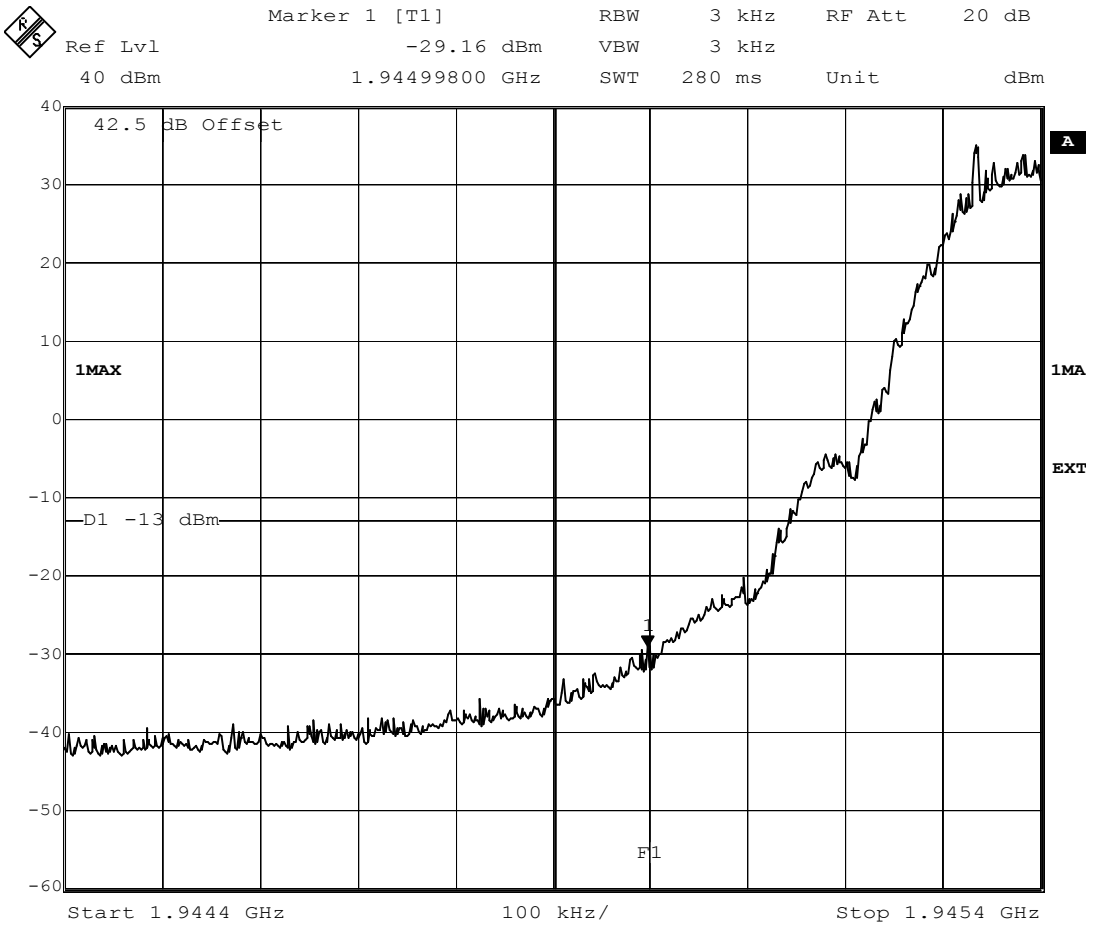
GPH\44324JD01\145
CH584 Block 8PSK 45.0 dBm 8PSK – CDUA – sTRU0



Title: Testing for Ericsson AB. RBS 2202. FCC Part 24
Comment A: CH584 OBW Block Edge. +45dBm Output Power. 8PSK Mode. CDU A Stru0.
Date: 16.JAN.2003 13:08:00

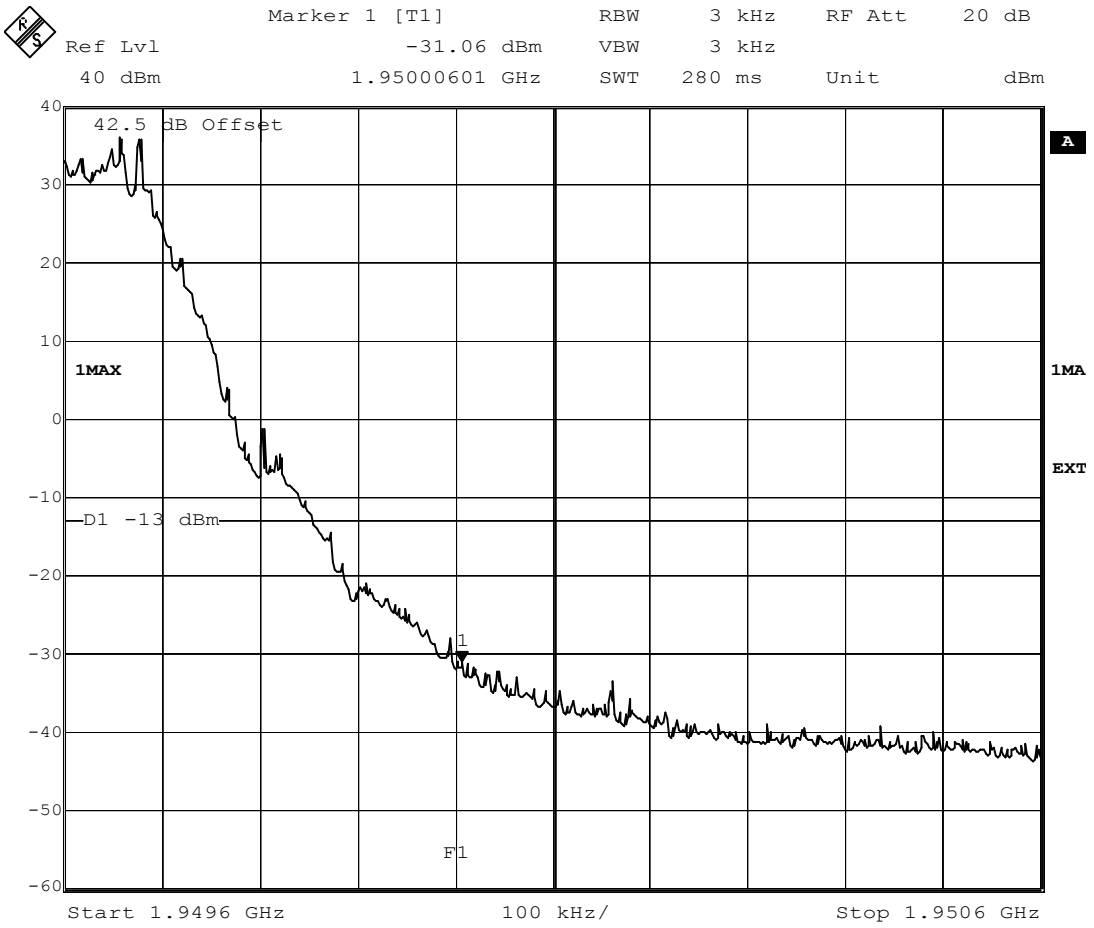
Test Of: Ericsson AB.
KRC131 139/01 sTRU-Edge Transceiver
To: FCC Part 24: 2001

GPH\44324JD01\146
CH588 Block 8PSK 45.0 dBm 8PSK – CDUA – sTRU0



Title: Testing for Ericsson AB. RBS 2202. FCC Part 24
Comment A: CH588 OBW Block Edge. +45dBm Output Power. 8PSK Mode. CDU A Stru0.
Date: 16.JAN.2003 12:55:56

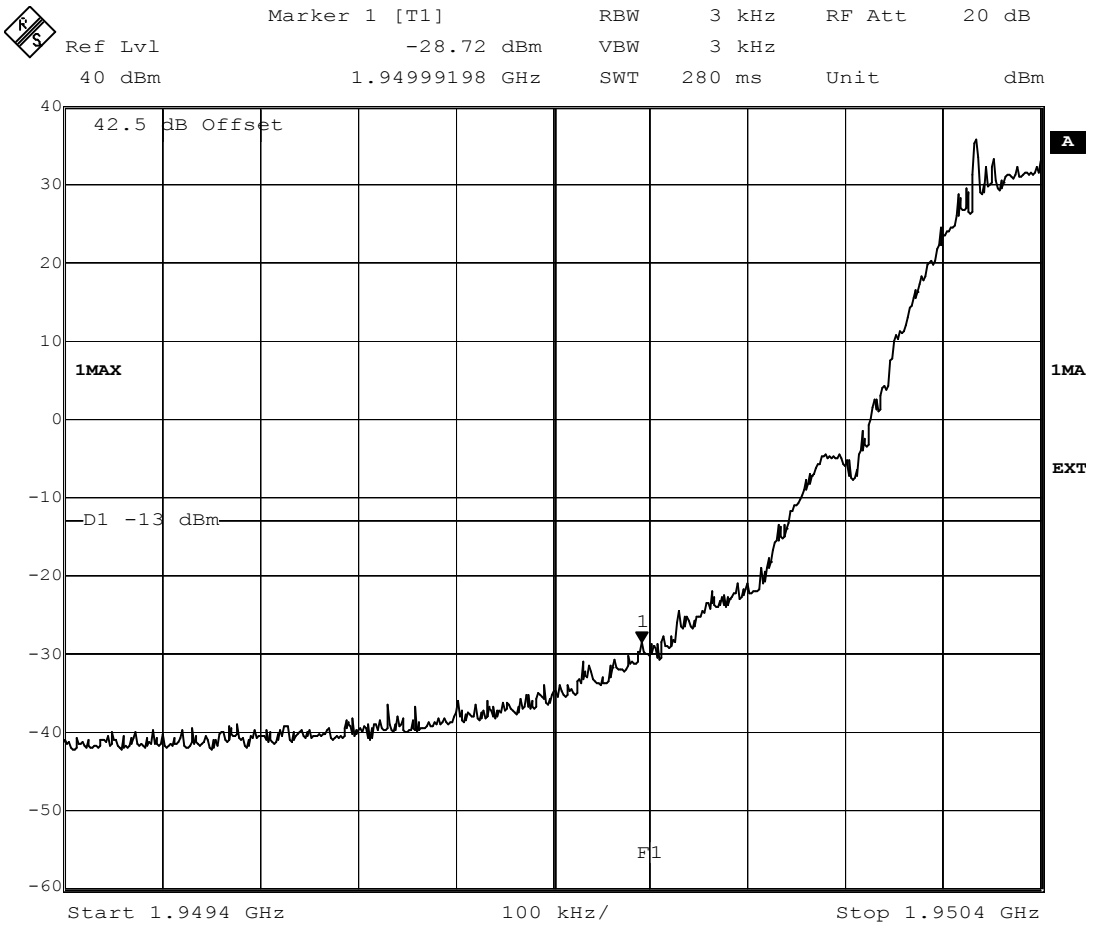
GPH\44324JD01\147
CH609 Block 8PSK 45.0 dBm 8PSK – CDUA – sTRU0



Title: Testing for Ericsson AB. RBS 2202. FCC Part 24
Comment A: CH609 OBW Block Edge. +45dBm Output Power. 8PSK Mode. CDU A Stru0.
Date: 16.JAN.2003 13:25:25

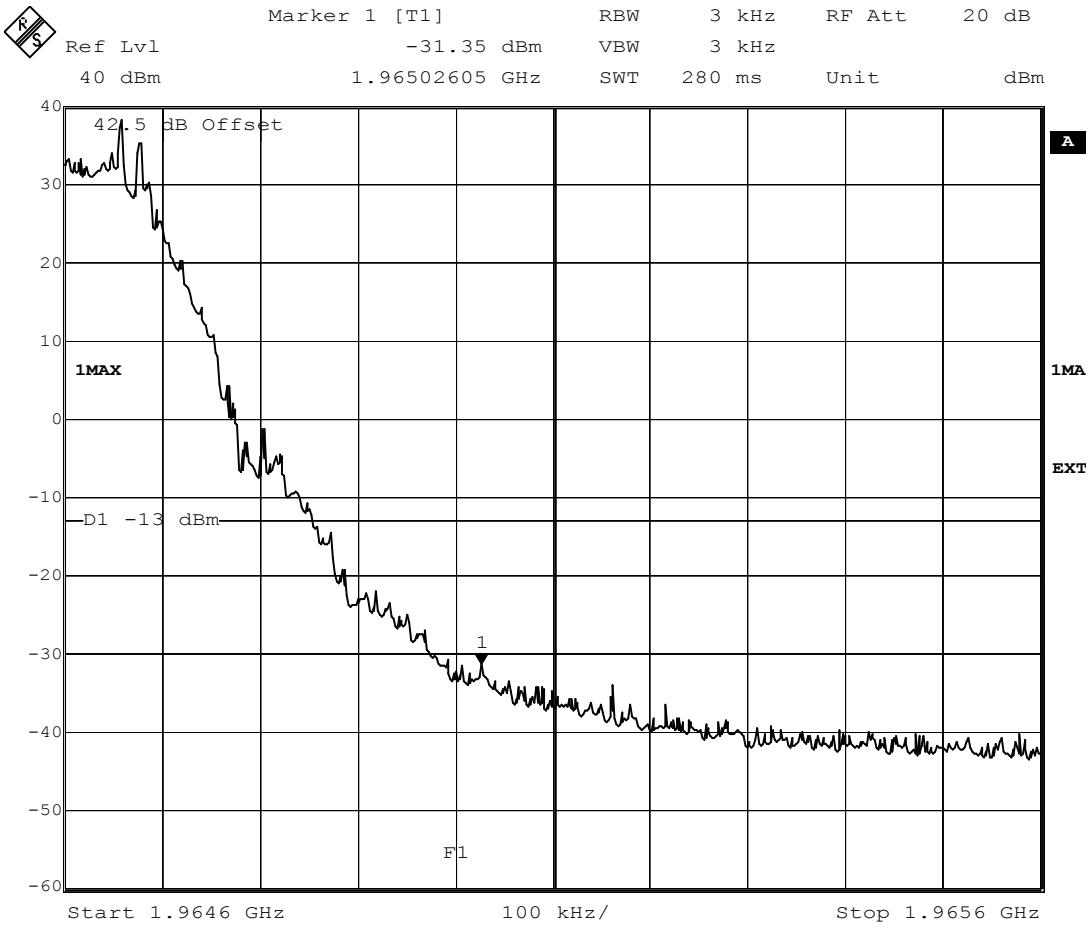
Test Of: Ericsson AB.
KRC131 139/01 sTRU-Edge Transceiver
To: FCC Part 24: 2001

GPH\44324JD01\148
CH613 Block 8PSK 45.0 dBm 8PSK – CDUA – sTRU0



Title: Testing for Ericsson AB. RBS 2202. FCC Part 24
Comment A: CH613 OBW Block Edge. +45dBm Output Power. 8PSK Mode. CDU A Stru0.
Date: 16.JAN.2003 15:08:24

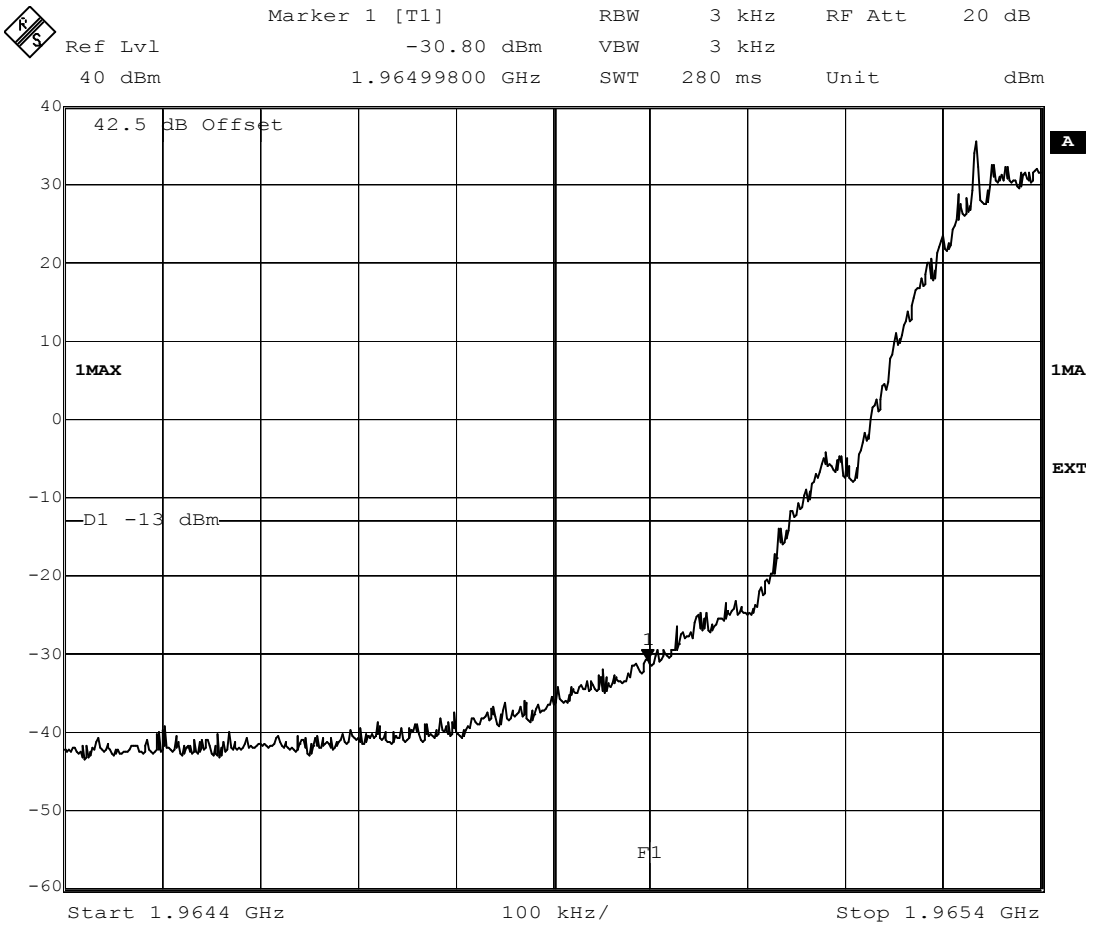
GPH\44324JD01\149
CH684 Block 8PSK 45.0 dBm 8PSK – CDUA – sTRU0



Title: Testing for Ericsson AB. RBS 2202. FCC Part 24
Comment A: CH684 OBW Block Edge. +45dBm Output Power. 8PSK Mode. CDU A Stru0.
Date: 16.JAN.2003 14:05:52

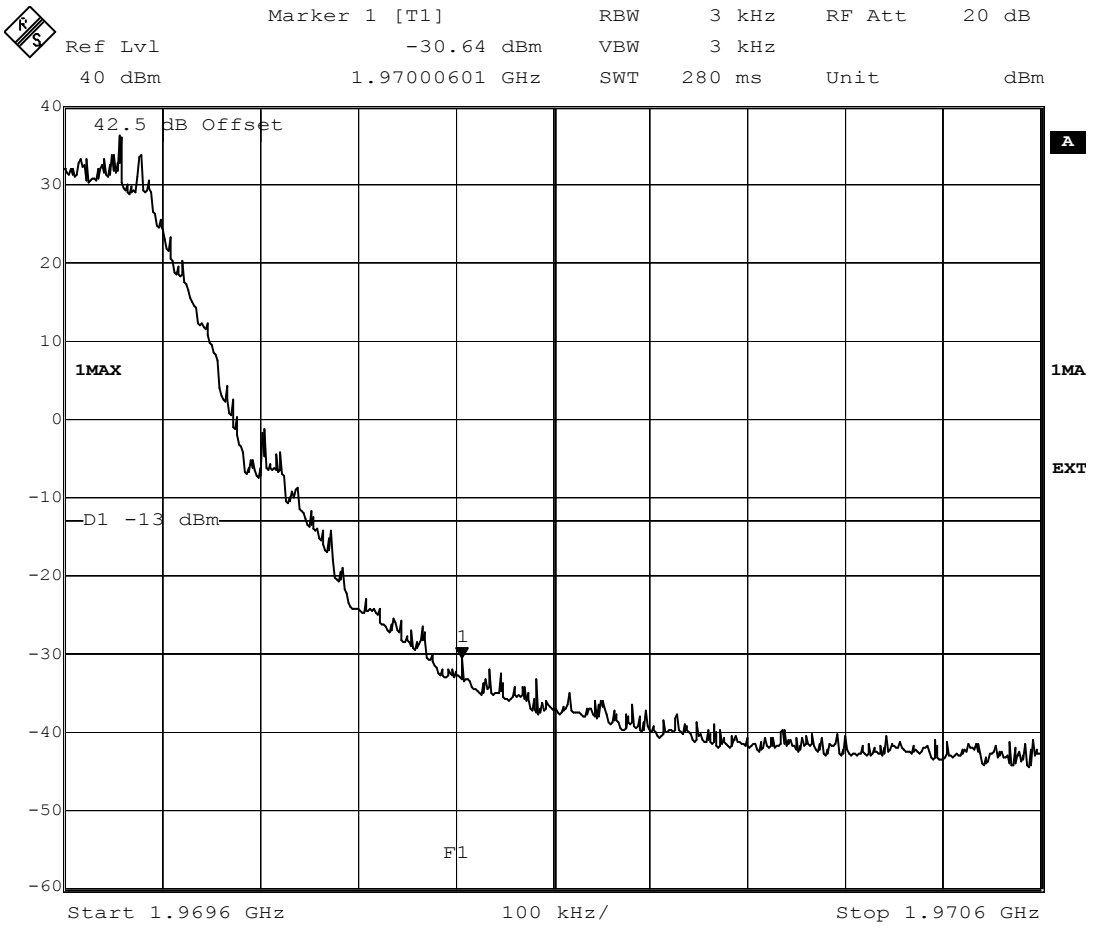
Test Of: Ericsson AB.
KRC131 139/01 sTRU-Edge Transceiver
To: FCC Part 24: 2001

GPH\44324JD01\150
CH688 Block 8PSK 45.0 dBm 8PSK – CDUA – sTRU0



Title: Testing for Ericsson AB. RBS 2202. FCC Part 24
Comment A: CH688 OBW Block Edge. +45dBm Output Power. 8PSK Mode. CDU A Stru0.
Date: 16.JAN.2003 15:17:18

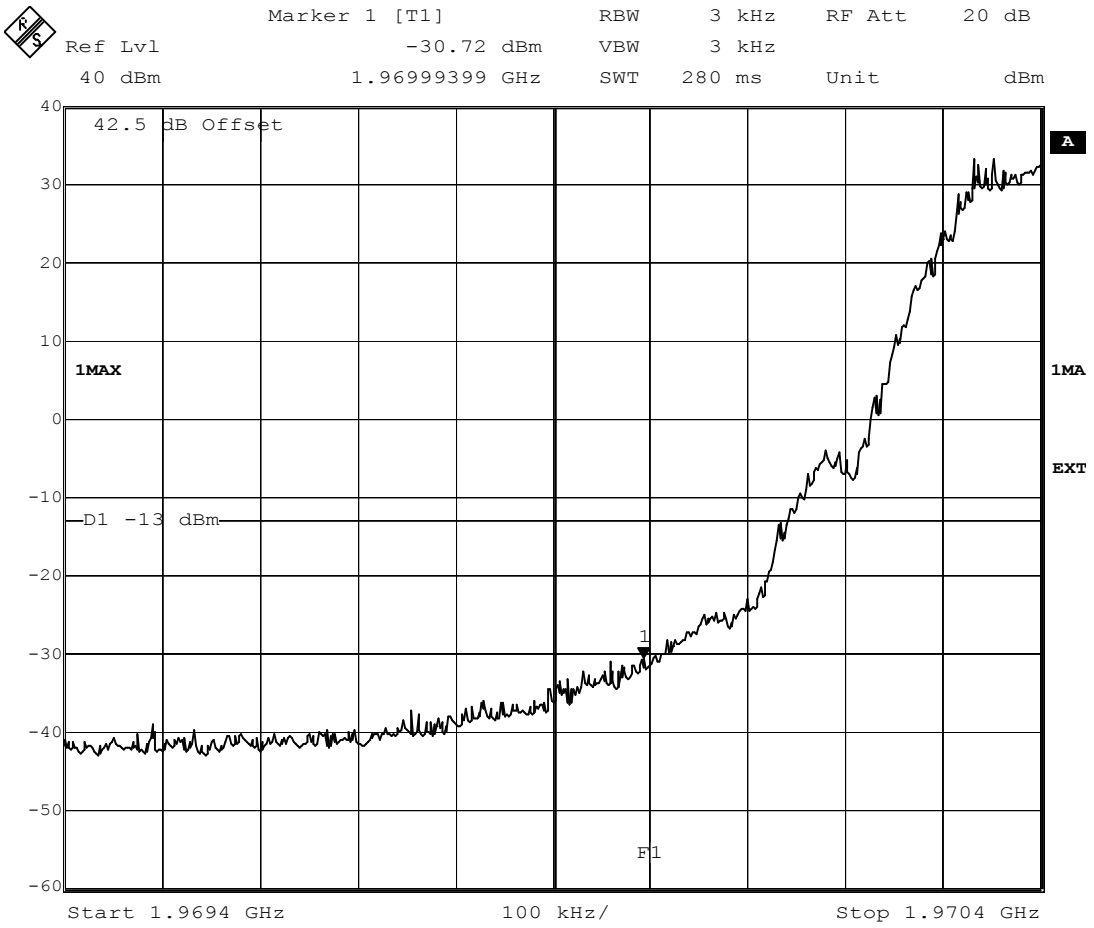
GPH\44324JD01\151
CH709 Block 8PSK 45.0 dBm 8PSK – CDUA – sTRU0



Title: Testing for Ericsson AB. RBS 2202. FCC Part 24
Comment A: CH709 OBW Block Edge. +45dBm Output Power. 8PSK Mode. CDU A Stru0.
Date: 16.JAN.2003 14:09:29

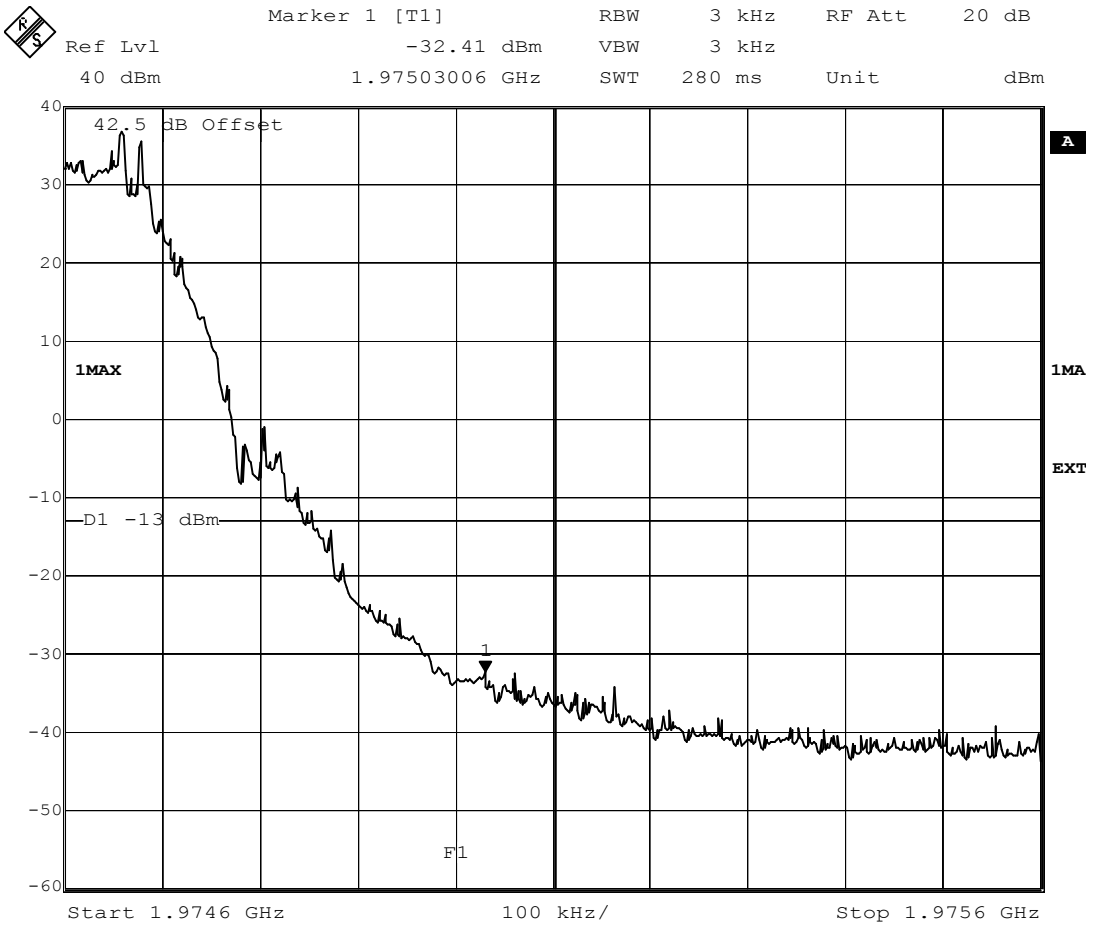
Test Of: Ericsson AB.
KRC131 139/01 sTRU-Edge Transceiver
To: FCC Part 24: 2001

GPH\44324JD01\152
CH713 Block 8PSK 45.0 dBm 8PSK – CDUA – sTRU0



Title: Testing for Ericsson AB. RBS 2202. FCC Part 24
Comment A: CH713 OBW Block Edge. +45dBm Output Power. 8PSK Mode. CDU A Stru0.
Date: 16.JAN.2003 15:21:01

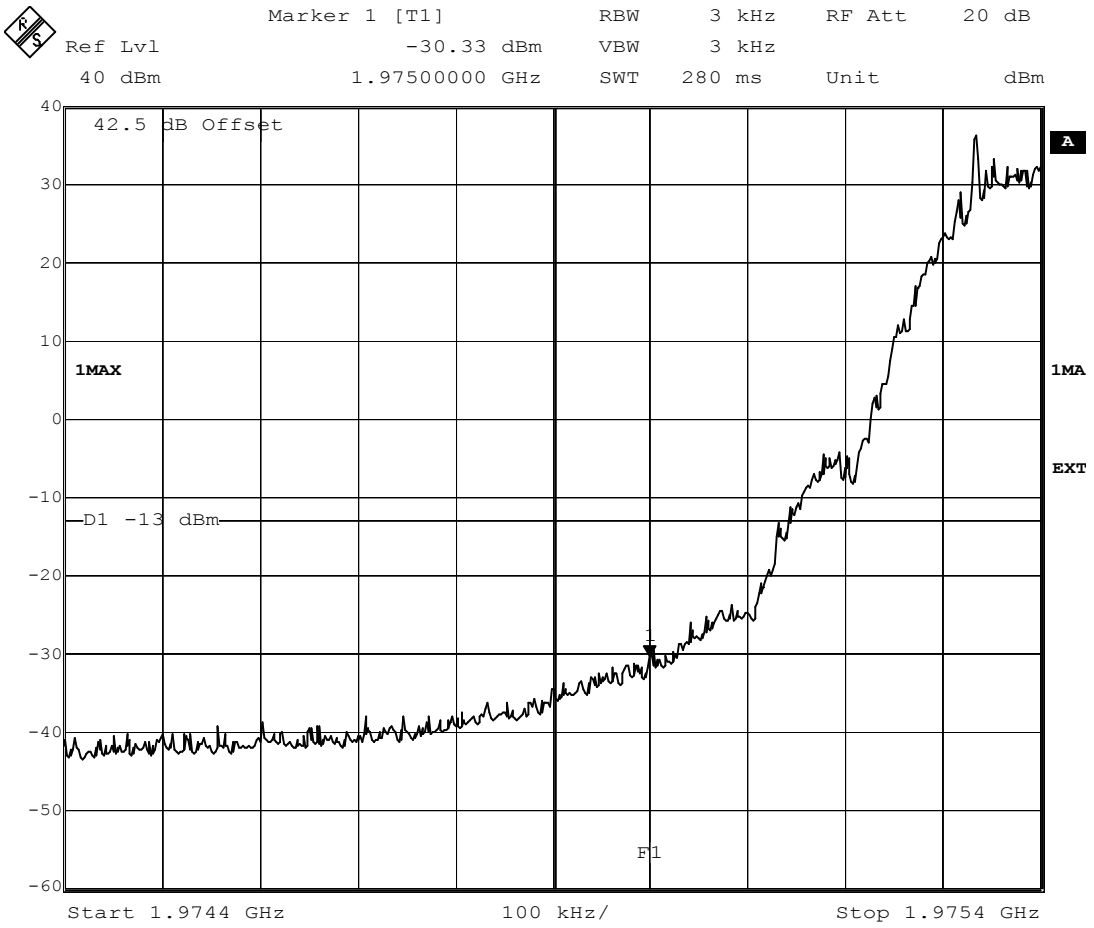
GPH\44324JD01\153
CH734 Block 8PSK 45.0 dBm 8PSK – CDUA – sTRU0



Title: Testing for Ericsson AB. RBS 2202. FCC Part 24
Comment A: CH734 OBW Block Edge. +45dBm Output Power. 8PSK Mode. CDU A Stru0.
Date: 16.JAN.2003 14:18:07

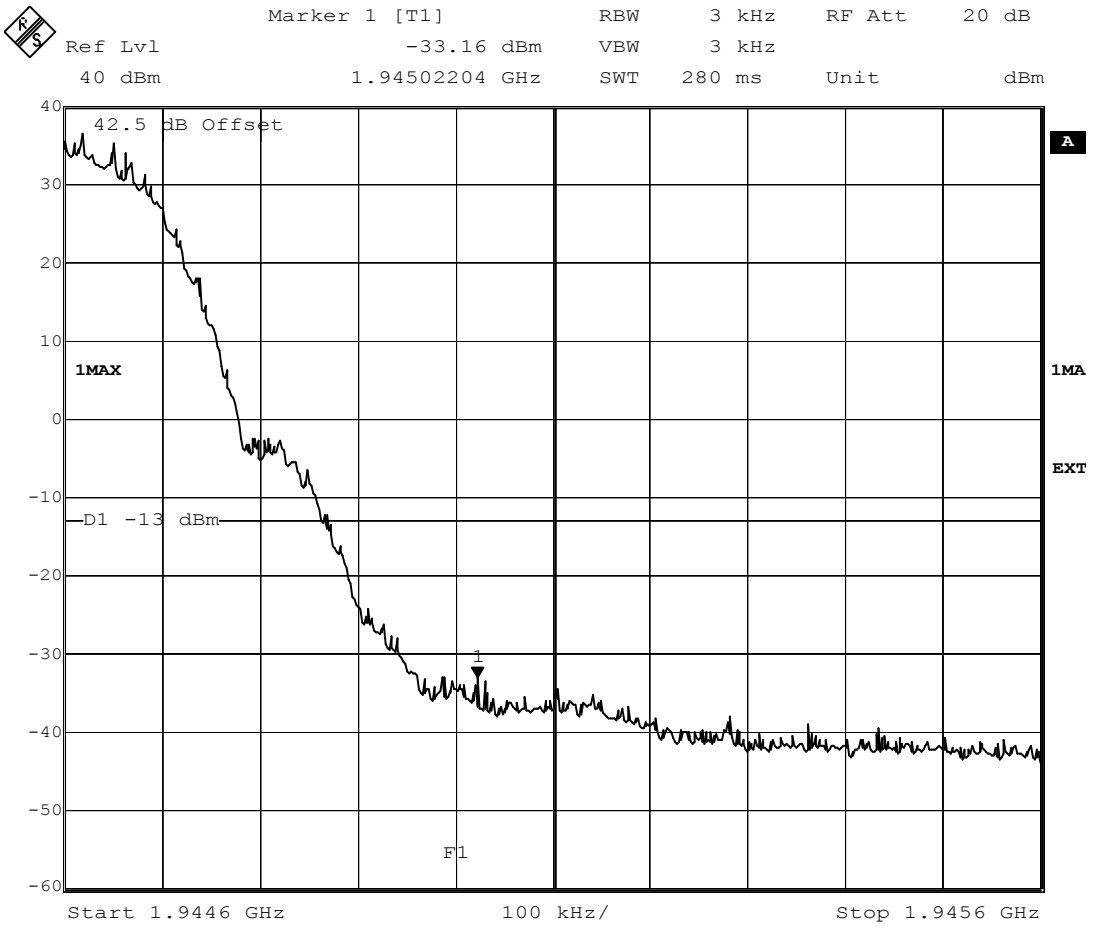
Test Of: Ericsson AB.
KRC131 139/01 sTRU-Edge Transceiver
To: FCC Part 24: 2001

GPH\44324JD01\154
CH738 Block 8PSK 45.0 dBm 8PSK – CDUA – sTRU0



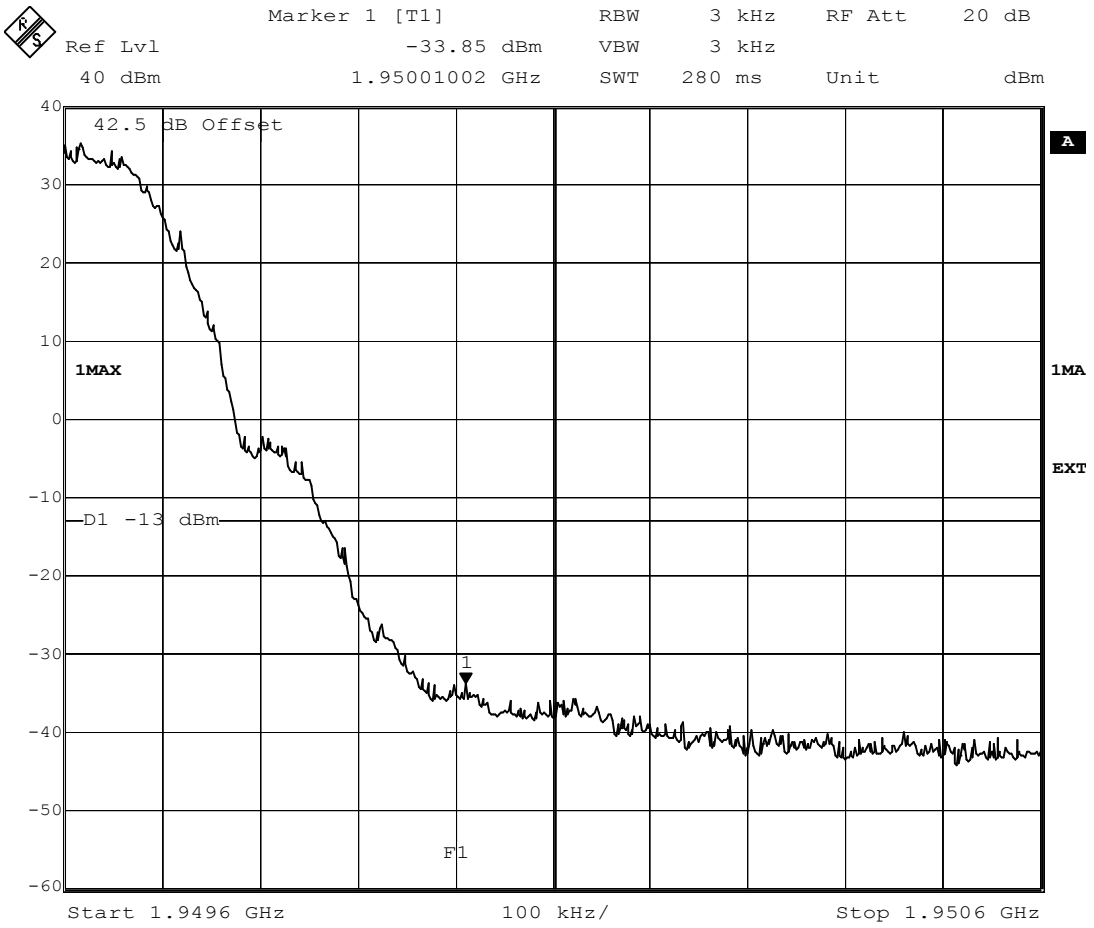
Title: Testing for Ericsson AB. RBS 2202. FCC Part 24
Comment A: CH738 OBW Block Edge. +45dBm Output Power. 8PSK Mode. CDU A Stru0.
Date: 16.JAN.2003 15:38:10

GPH\44324JD01\155
CH584 Block 8PSK 45.0 dBm GMSK – CDUA – sTRU0



Title: Testing for Ericsson AB. RBS 2202. FCC Part 24
Comment A: CH584 OBW Block9 Edge. +45dBm Output Power. GMSK Mode. CDU A Stru0.
Date: 16.JAN.2003 13:04:28

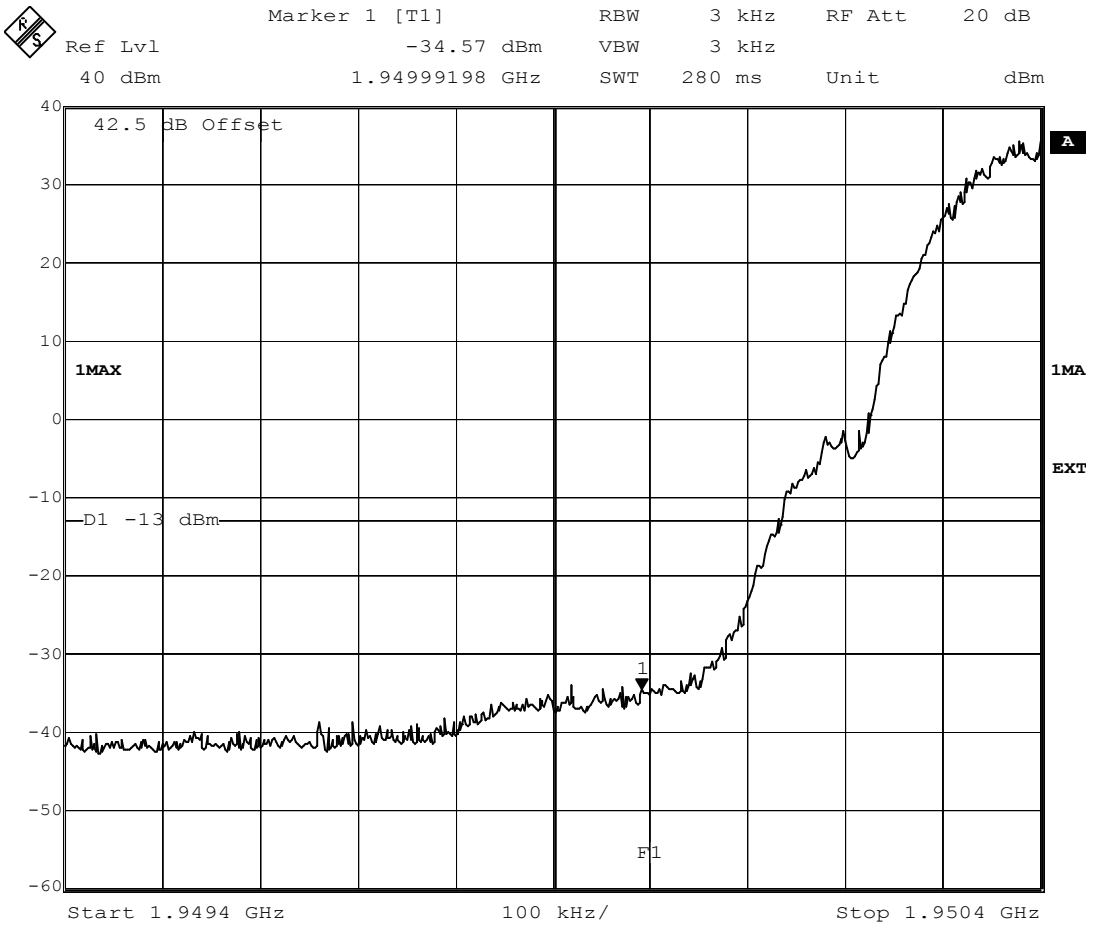
GPH\44324JD01\156
CH588 Block 8PSK 45.0 dBm GMSK – CDUA – sTRU0



Title: Testing for Ericsson AB. RBS 2202. FCC Part 24
Comment A: CH609 OBW Block Edge. +45dBm Output Power. GMSK Mode. CDU A Stru0.
Date: 16.JAN.2003 13:53:51

Test Of: Ericsson AB.
KRC131 139/01 sTRU-Edge Transceiver
To: FCC Part 24: 2001

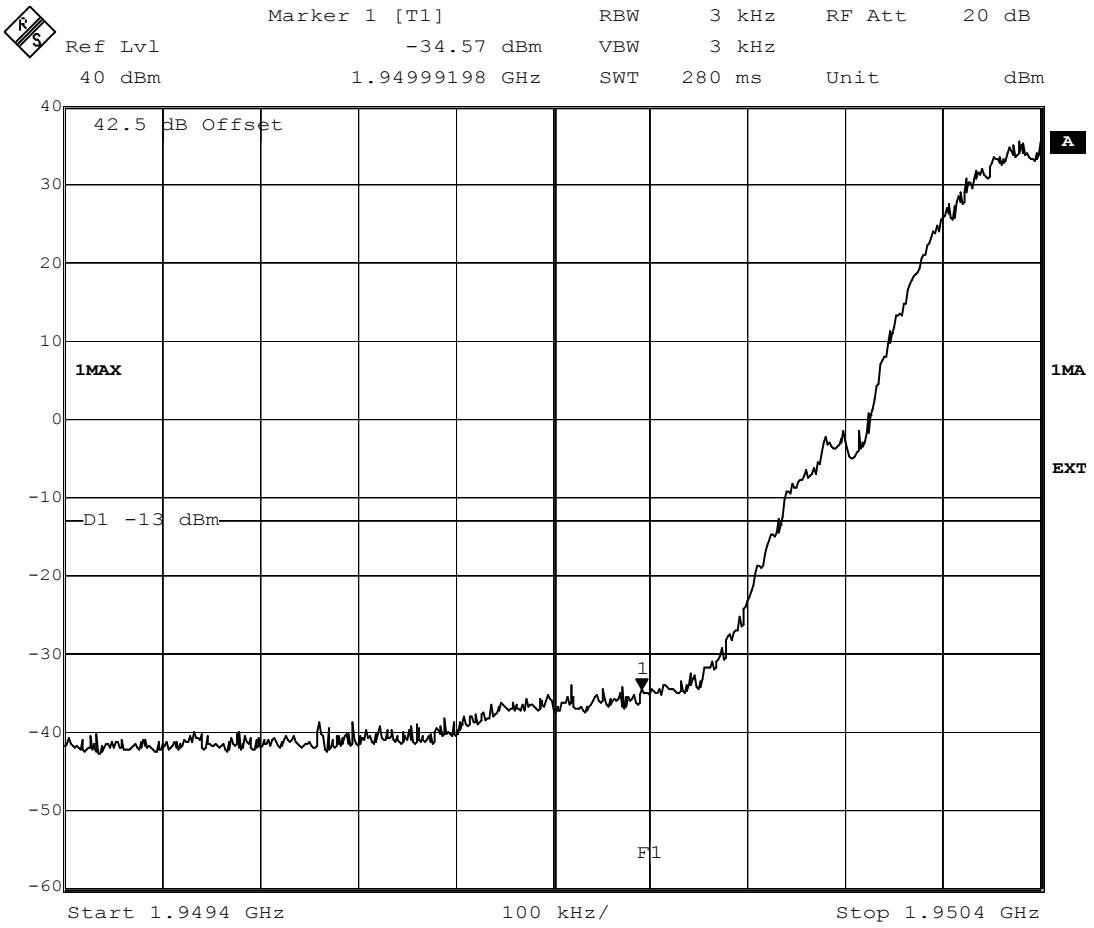
GPH\44324JD01\157
CH609 Block 8PSK 45.0 dBm GMSK – CDUA – sTRU0



Title: Testing for Ericsson AB. RBS 2202. FCC Part 24
Comment A: CH613 OBW Block Edge. +45dBm Output Power. GMSK Mode. CDU A Stru0.
Date: 16.JAN.2003 15:10:33

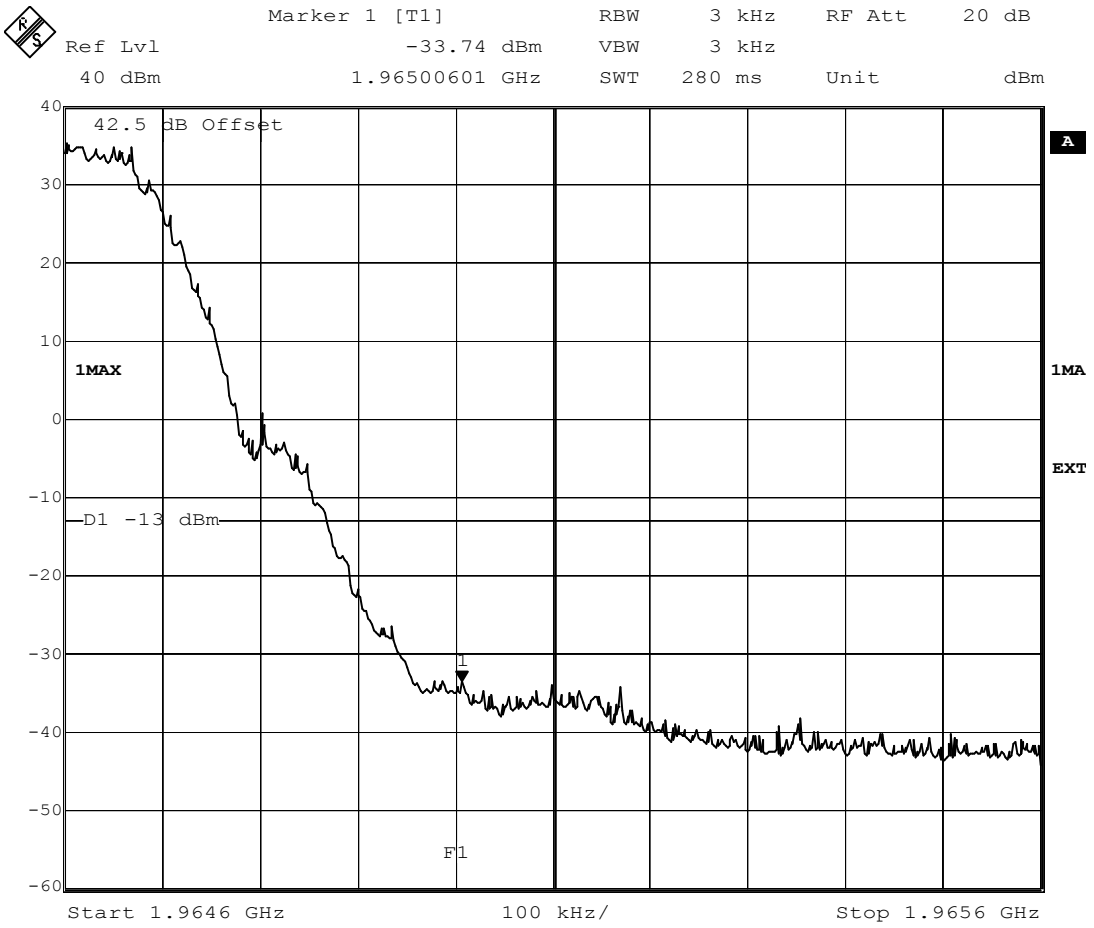
Test Of: Ericsson AB.
KRC131 139/01 sTRU-Edge Transceiver
To: FCC Part 24: 2001

GPH\44324JD01\158
CH613 Block 8PSK 45.0 dBm GMSK – CDUA – sTRU0



Title: Testing for Ericsson AB. RBS 2202. FCC Part 24
Comment A: CH613 OBW Block Edge. +45dBm Output Power. GMSK Mode. CDU A Stru0.
Date: 16.JAN.2003 15:10:33

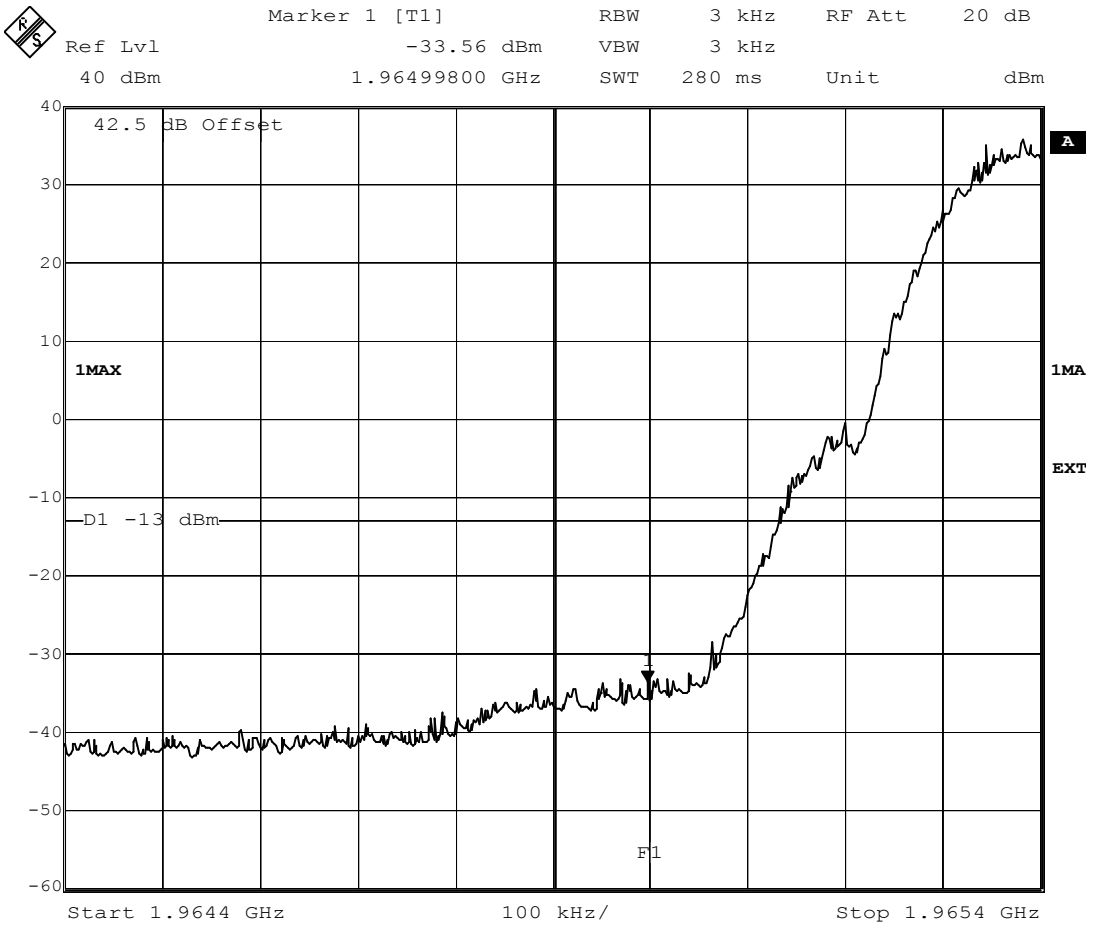
GPH\44324JD01\159
CH684 Block 8PSK 45.0 dBm GMSK – CDUA – sTRU0



Title: Testing for Ericsson AB. RBS 2202. FCC Part 24
Comment A: CH684 OBW Block Edge. +45dBm Output Power. GMSK Mode. CDU A Stru0.
Date: 16.JAN.2003 14:04:00

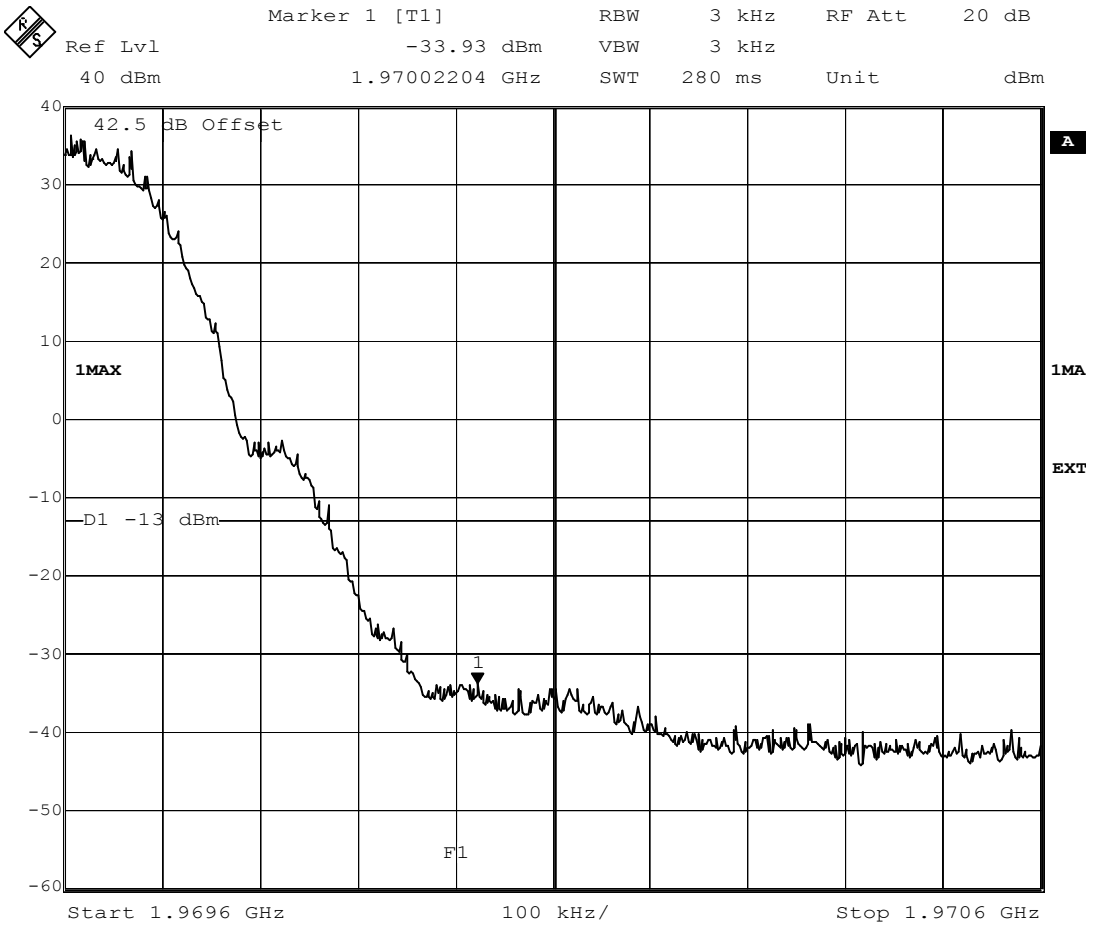
Test Of: Ericsson AB.
KRC131 139/01 sTRU-Edge Transceiver
To: FCC Part 24: 2001

GPH\44324JD01\160
CH688 Block 8PSK 45.0 dBm GMSK – CDUA – sTRU0



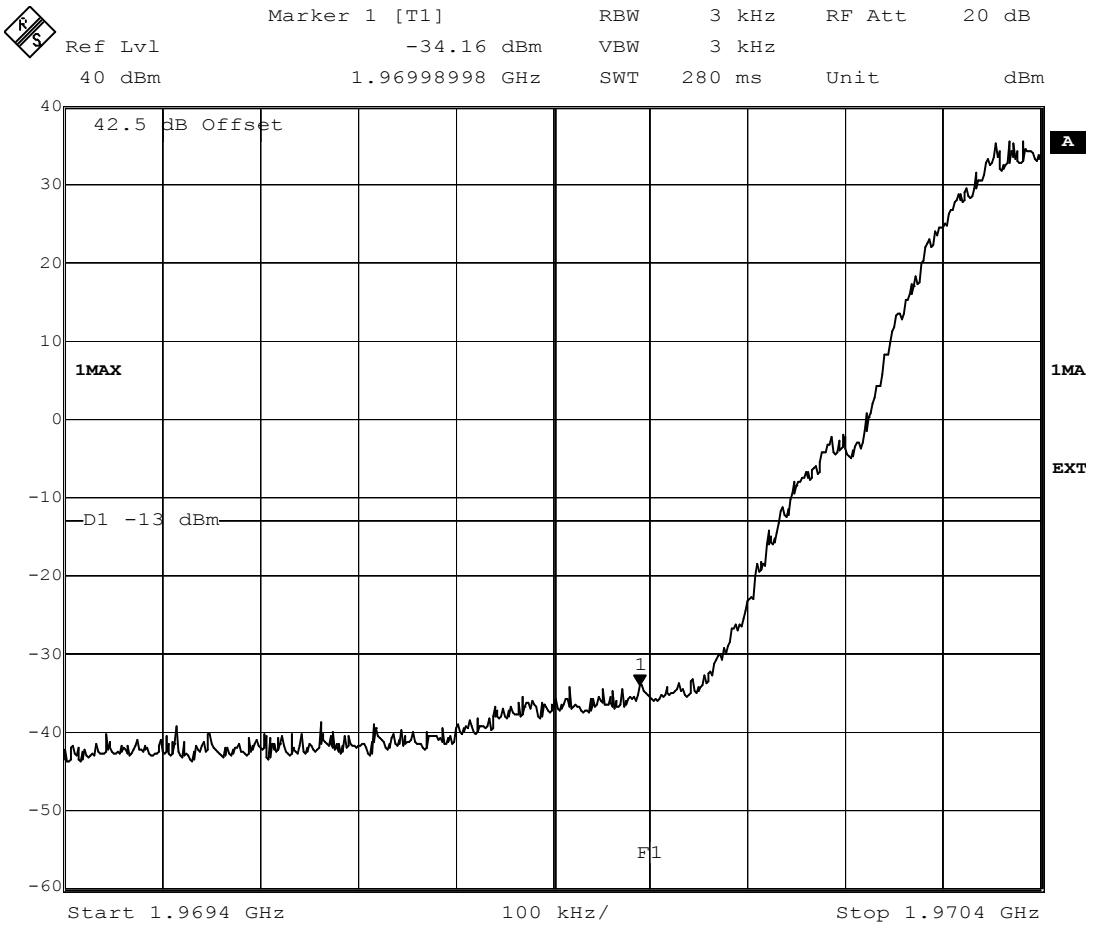
Title: Testing for Ericsson AB. RBS 2202. FCC Part 24
Comment A: CH688 OBW Block Edge. +45dBm Output Power. GMSK Mode. CDU A Stru0.
Date: 16.JAN.2003 15:15:02

GPH\44324JD01\161
CH709 Block 8PSK 45.0 dBm GMSK – CDUA – sTRU0



Title: Testing for Ericsson AB. RBS 2202. FCC Part 24
Comment A: CH709 OBW Block Edge. +45dBm Output Power. GMSK Mode. CDU A Stru0.
Date: 16.JAN.2003 14:10:39

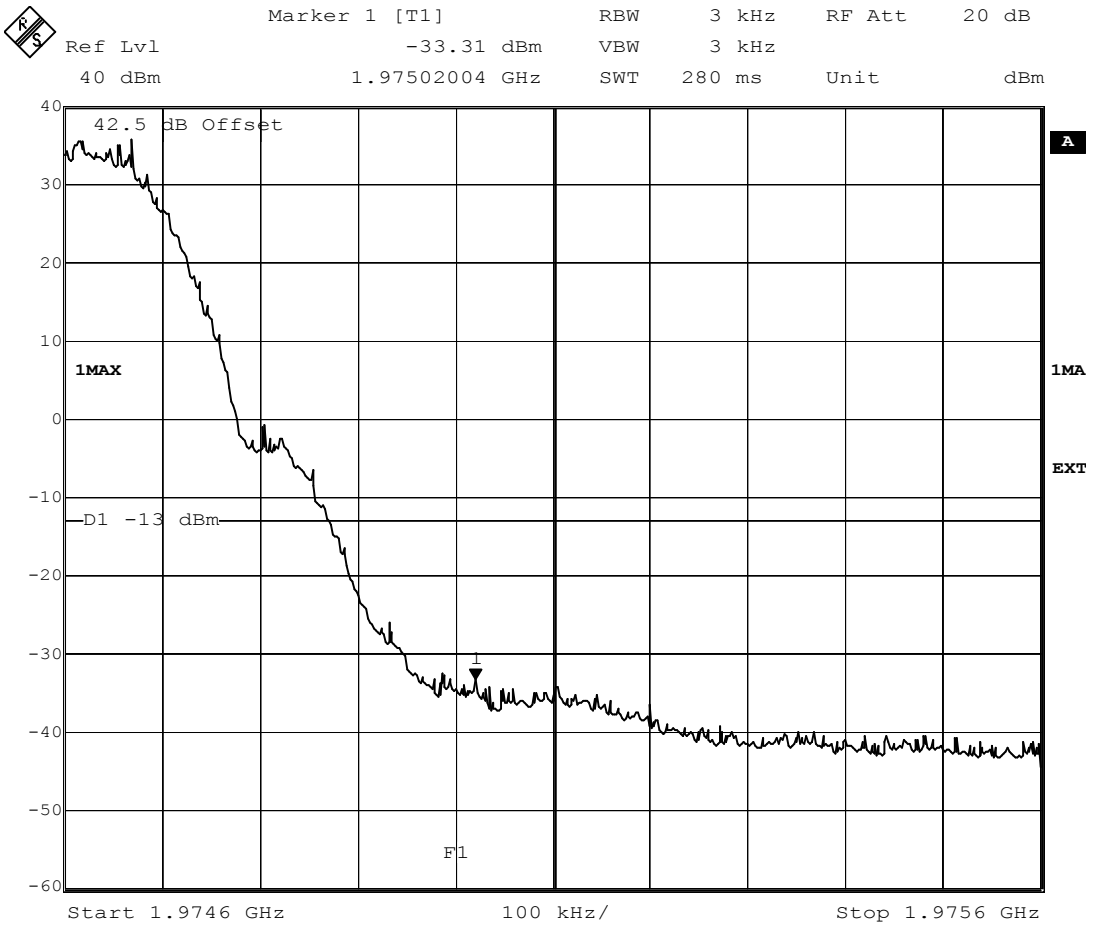
GPH\44324JD01\162
CH713 Block 8PSK 45.0 dBm GMSK – CDUA – sTRU0



Title: Testing for Ericsson AB. RBS 2202. FCC Part 24
Comment A: CH713 OBW Block Edge. +45dBm Output Power. GMSK Mode. CDU A Stru0.
Date: 16.JAN.2003 15:23:20

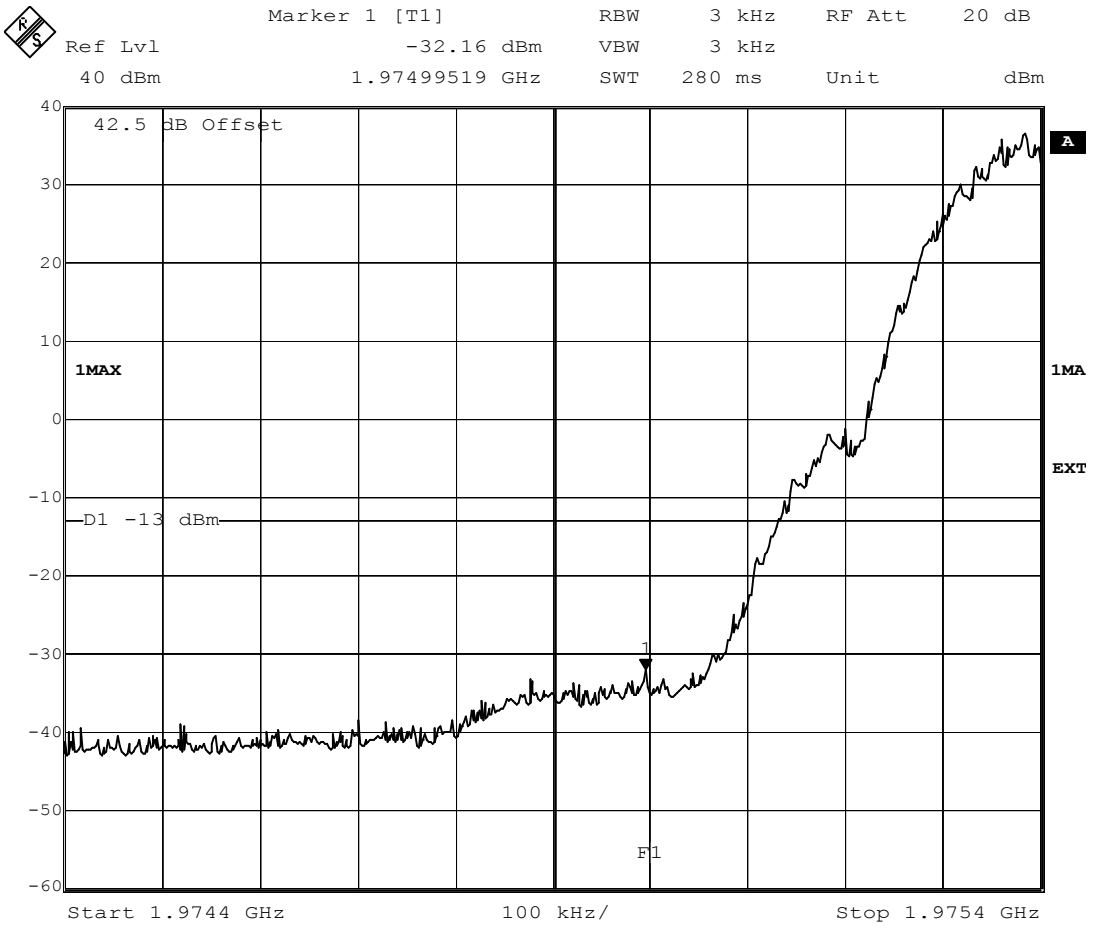
Test Of: Ericsson AB.
KRC131 139/01 sTRU-Edge Transceiver
To: FCC Part 24: 2001

GPH\44324JD01\163
CH734 Block 8PSK 45.0 dBm GMSK – CDUA – sTRU0



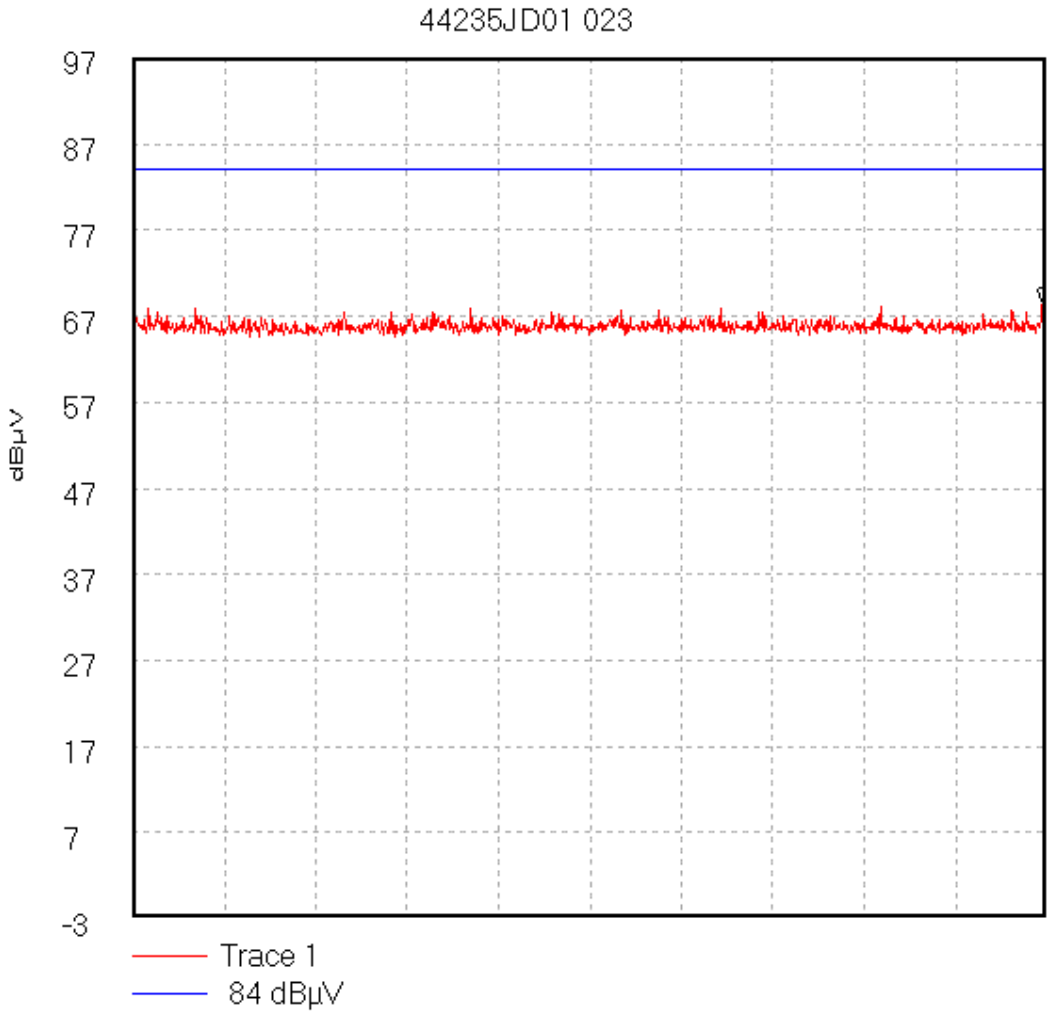
Title: Testing for Ericsson AB. RBS 2202. FCC Part 24
Comment A: CH734 OBW Block Edge. +45dBm Output Power. GMSK Mode. CDU A Stru0.
Date: 16.JAN.2003 14:15:55

GPH\44324JD01\164
CH738 Block 8PSK 45.0 dBm GMSK – CDUA – sTRU0



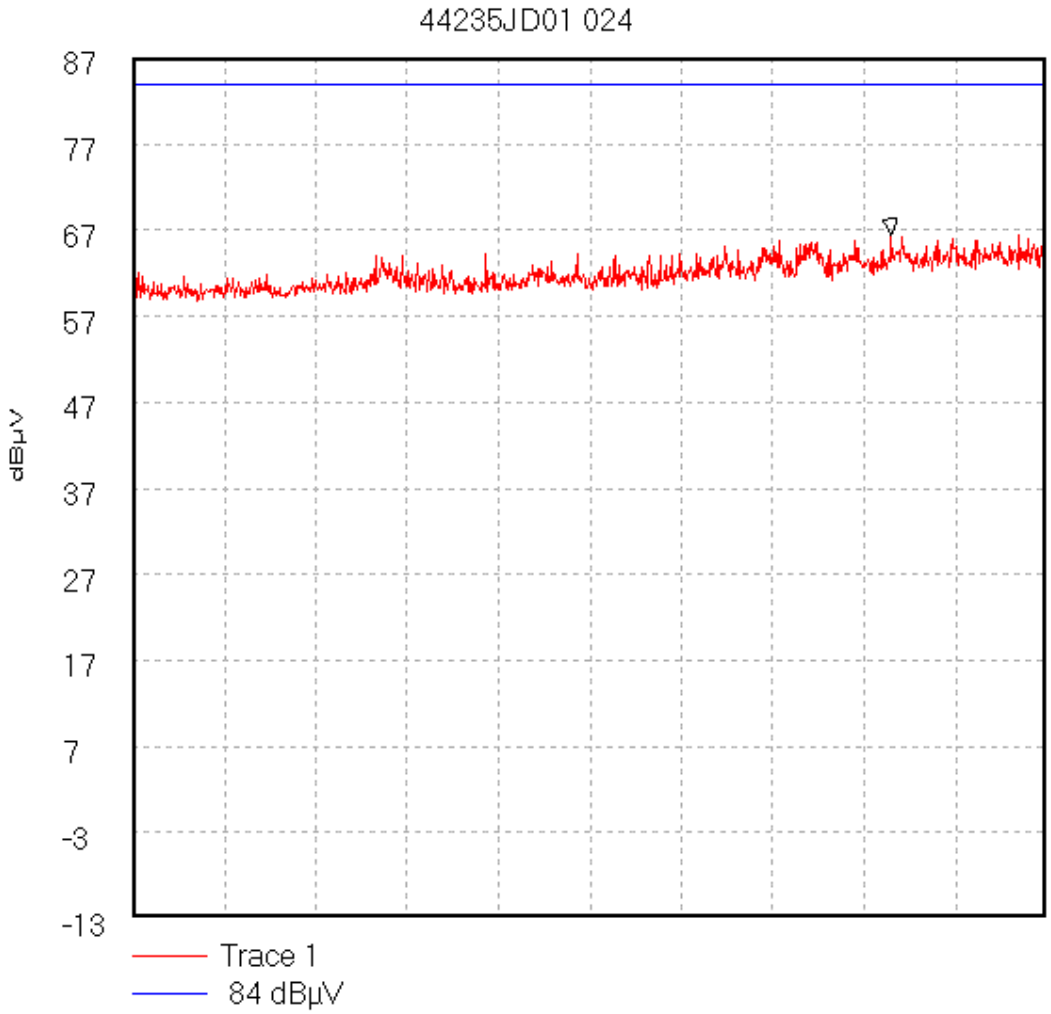
Title: Testing for Ericsson AB. RBS 2202. FCC Part 24
Comment A: CH738 OBW Block Edge. +45dBm Output Power. GMSK Mode. CDU A Stru0.
Date: 16.JAN.2003 15:36:42

GPH\44235JD01\023
RBS2202 (230Vac) - 8PSK Mode



Start 8.0 GHz; Stop 12.5 GHz
Ref 97 dBµV; Ref Offset 0.0 dB; 10 dB/div
RBW 1000.0 kHz; VBW 1.0 MHz; Att 0 dB; Swp 40.0 mS
Peak 12.48 GHz, 68.36 dBµV
Display Line: 84 dBµV; ; Limit Test Passed
08/01/2003 9:39:50 AM

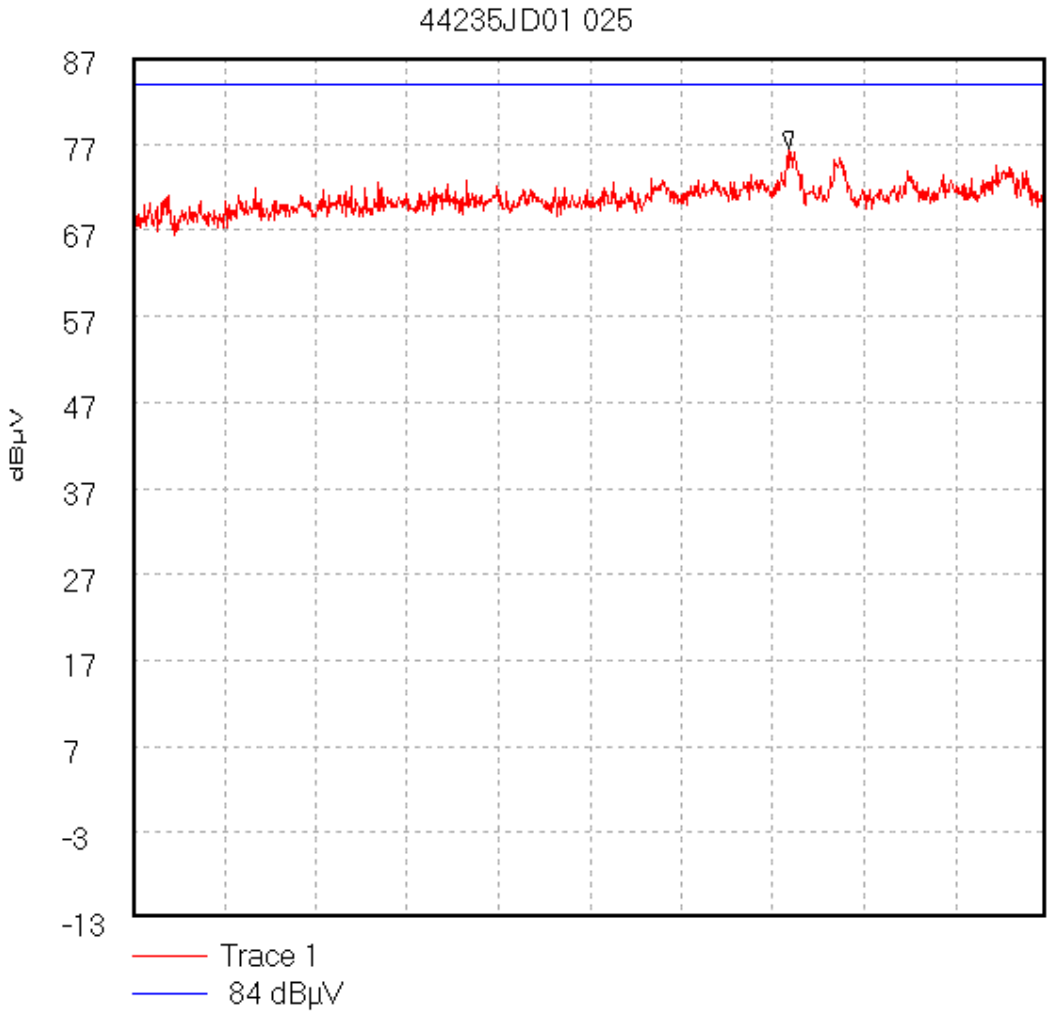
GPH\44235JD01\024
RBS2202 (230Vac) - 8PSK Mode



Start 12.5 GHz; Stop 18.0 GHz
Ref 87 dBµV; Ref Offset 0.0 dB; 10 dB/div
RBW 1000.0 kHz; VBW 1.0 MHz; Att 0 dB; Swp 40.0 mS
Peak 17.065 GHz, 66.44 dBµV
Display Line: 84 dBµV; ; Limit Test Passed
08/01/2003 9:51:07 AM

Test Of: **Ericsson AB.**
KRC131 139/01 sTRU-Edge Transceiver
To: **FCC Part 24: 2001**

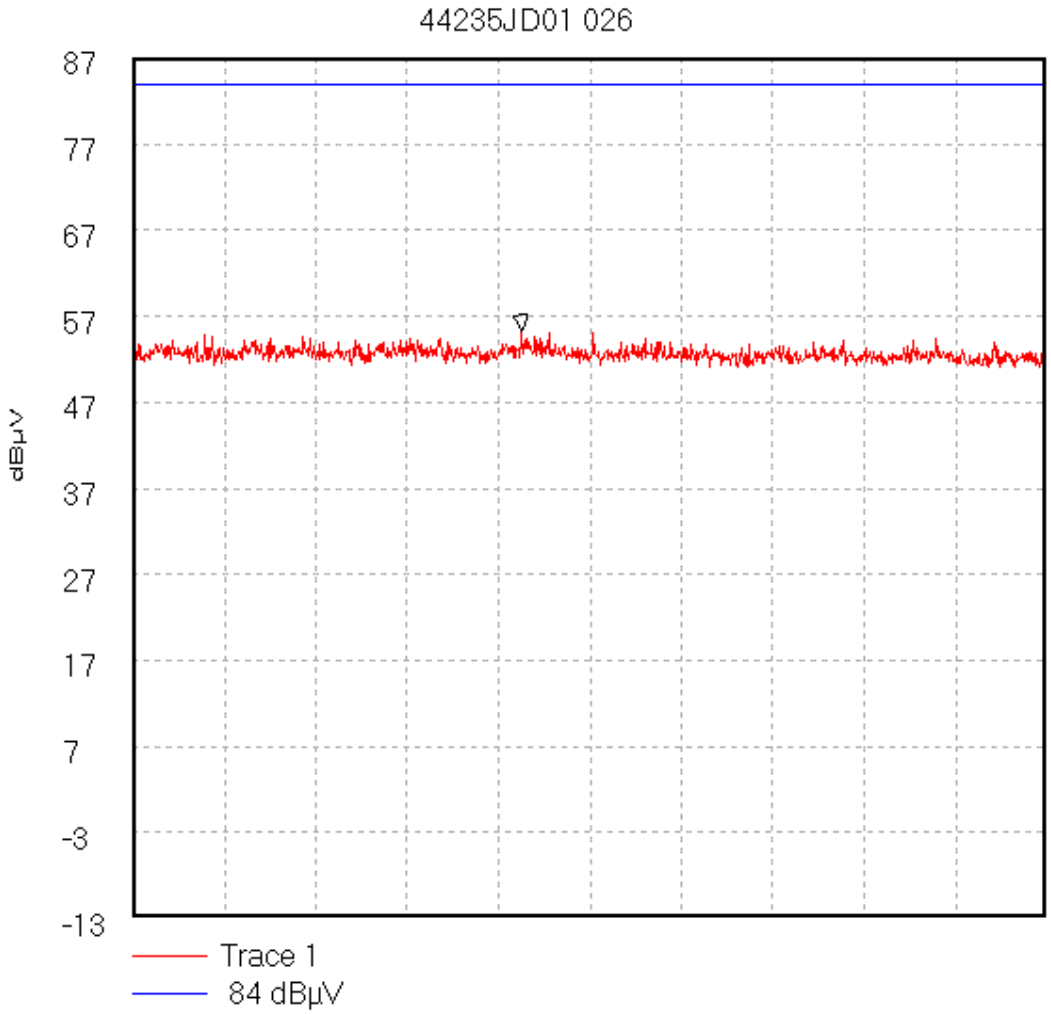
GPH\44235JD01\025
RBS2202 (230Vac) - 8PSK Mode



Start 18.0 GHz; Stop 26.5 GHz
Ref 87 dBµV; Ref Offset 0.0 dB; 10 dB/div
RBW 1000.0 kHz; VBW 1.0 MHz; Att 0 dB; Swp 60.0 mS
Peak 24.101 GHz, 76.52 dBµV
Display Line: 84 dBµV; ; Limit Test Passed
08/01/2003 9:59:58 AM

Test Of: **Ericsson AB.**
KRC131 139/01 sTRU-Edge Transceiver
To: **FCC Part 24: 2001**

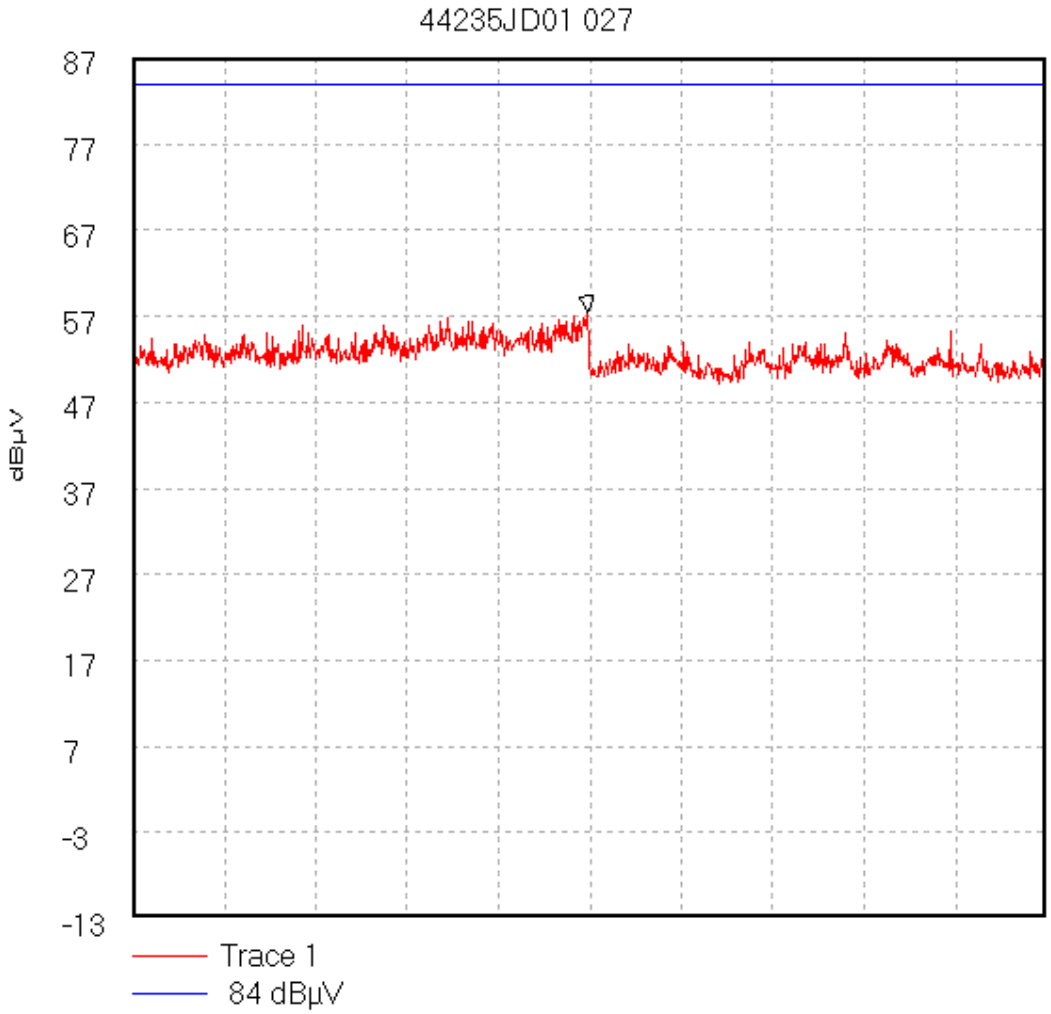
GPH\44235JD01\026
RBS2202 (230Vac) - 8PSK Mode



Start 6.0 GHz; Stop 8.0 GHz
Ref 87 dBµV; Ref Offset 0.0 dB; 10 dB/div
RBW 1000.0 kHz; VBW 1.0 MHz; Att 0 dB; Swp 20.0 mS
Peak 6.851 GHz, 55.29 dBµV
Display Line: 84 dBµV; ; Limit Test Passed
08/01/2003 10:23:20 AM

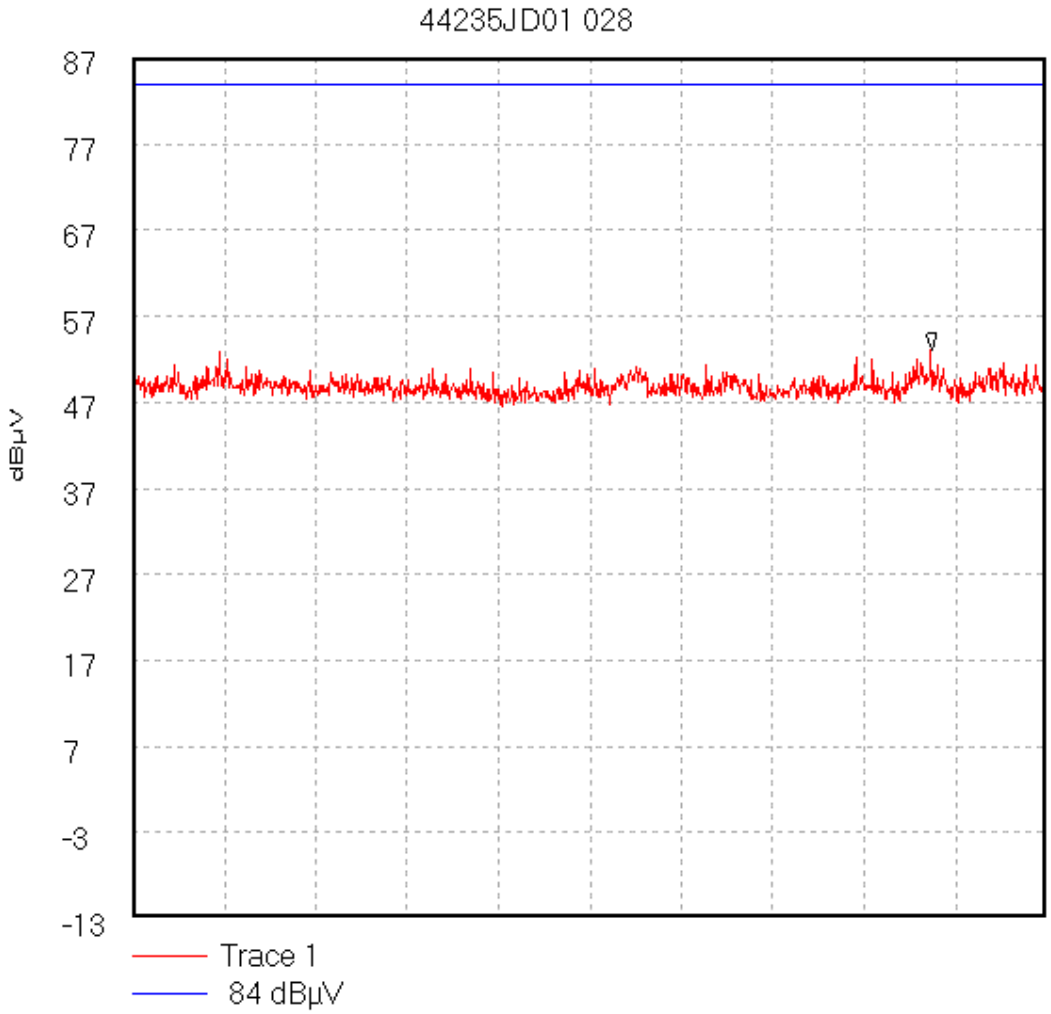
Test Of: **Ericsson AB.**
KRC131 139/01 sTRU-Edge Transceiver
To: **FCC Part 24: 2001**

GPH\44235JD01\027
RBS2202 (230Vac) - 8PSK Mode



Start 4.0 GHz; Stop 6.0 GHz
Ref 87 dBµV; Ref Offset 0.0 dB; 10 dB/div
RBW 1000.0 kHz; VBW 1.0 MHz; Att 0 dB; Swp 20.0 mS
Peak 4.996 GHz, 57.5 dBµV
Display Line: 84 dBµV; ; Limit Test Passed
08/01/2003 10:31:30 AM

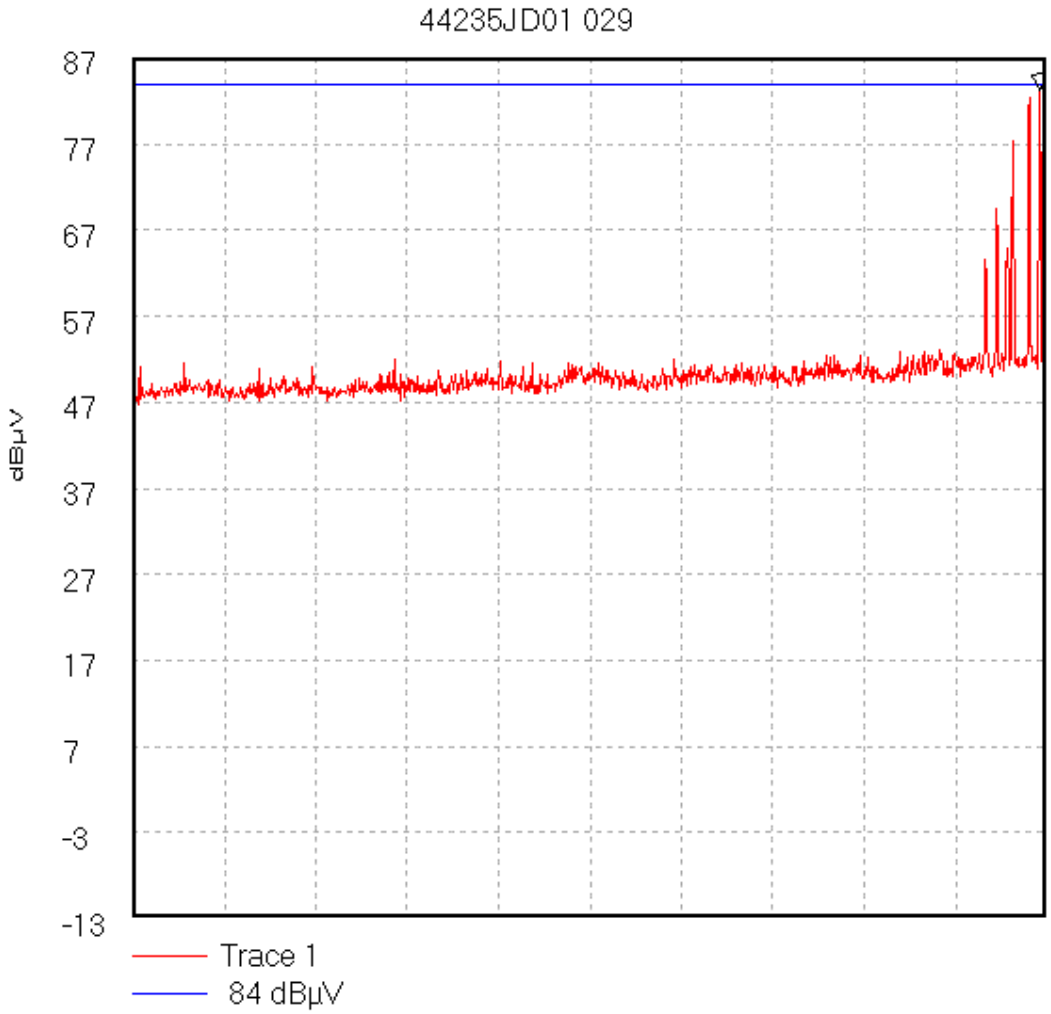
GPH\44235JD01\028
RBS2202 (230Vac) - 8PSK Mode



Start 2.0 GHz; Stop 4.0 GHz
Ref 87 dBµV; Ref Offset 0.0 dB; 10 dB/div
RBW 1000.0 kHz; VBW 1.0 MHz; Att 0 dB; Swp 20.0 mS
Peak 3.747 GHz, 53.03 dBµV
Display Line: 84 dBµV; ; Limit Test Passed
08/01/2003 10:35:59 AM

Test Of: **Ericsson AB.**
KRC131 139/01 sTRU-Edge Transceiver
To: **FCC Part 24: 2001**

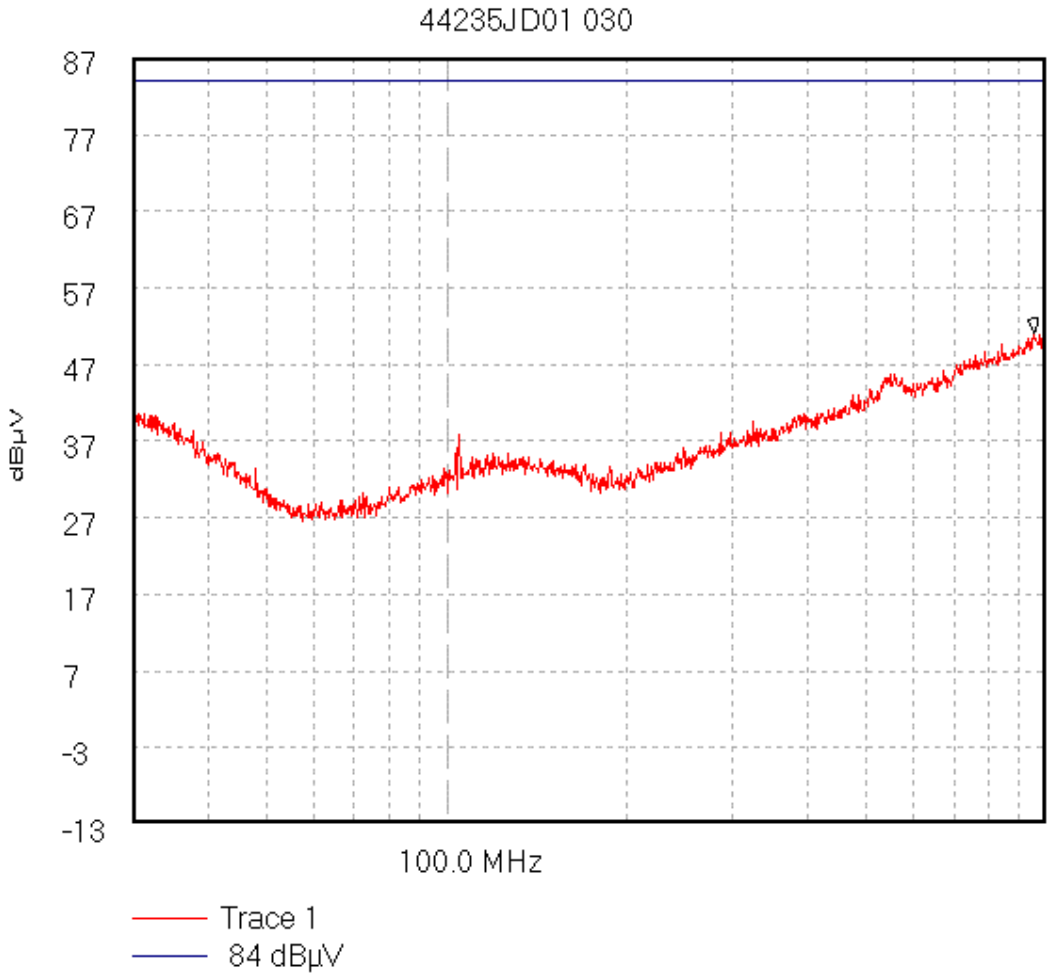
GPH\44235JD01\029
RBS2202 (230Vac) - 8PSK Mode



Start 1.0 GHz; Stop 2.0 GHz
Ref 87 dBµV; Ref Offset 0.0 dB; 10 dB/div
RBW 1000.0 kHz; VBW 1.0 MHz; Att 0 dB; Swp 20.0 mS
Peak 1.993 GHz, 83.35 dBµV
Display Line: 84 dBµV; ; Limit Test Passed
08/01/2003 10:41:23 AM

Test Of: **Ericsson AB.**
KRC131 139/01 sTRU-Edge Transceiver
To: **FCC Part 24: 2001**

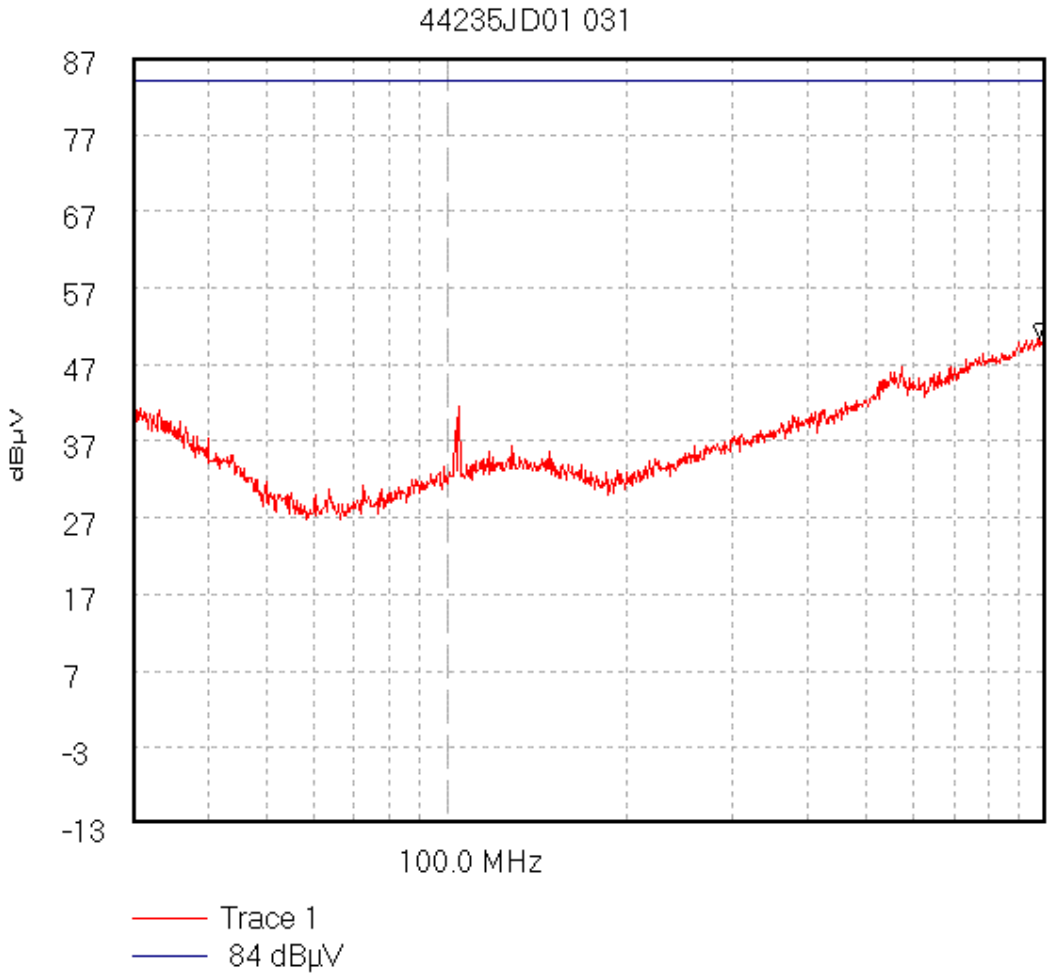
GPH\44235JD01\030
Radiated Emissions. RBS2202 (230Vac) - 8PSK Mode



Start 30.0 MHz; Stop 1.0 GHz - Log Scale
Ref 87 dBµV; Ref Offset 0.0 dB; 10 dB/div
RBW 120.0 kHz; VBW 100.0 kHz; Att 0 dB; Swp 80.0 mS
Peak 954.322 MHz, 51.17 dBµV
Display Line: 84 dBµV; ; Limit Test Passed
Transducer Factors: A490
08/01/2003 10:48:57 AM

Test Of: **Ericsson AB.**
KRC131 139/01 sTRU-Edge Transceiver
To: **FCC Part 24: 2001**

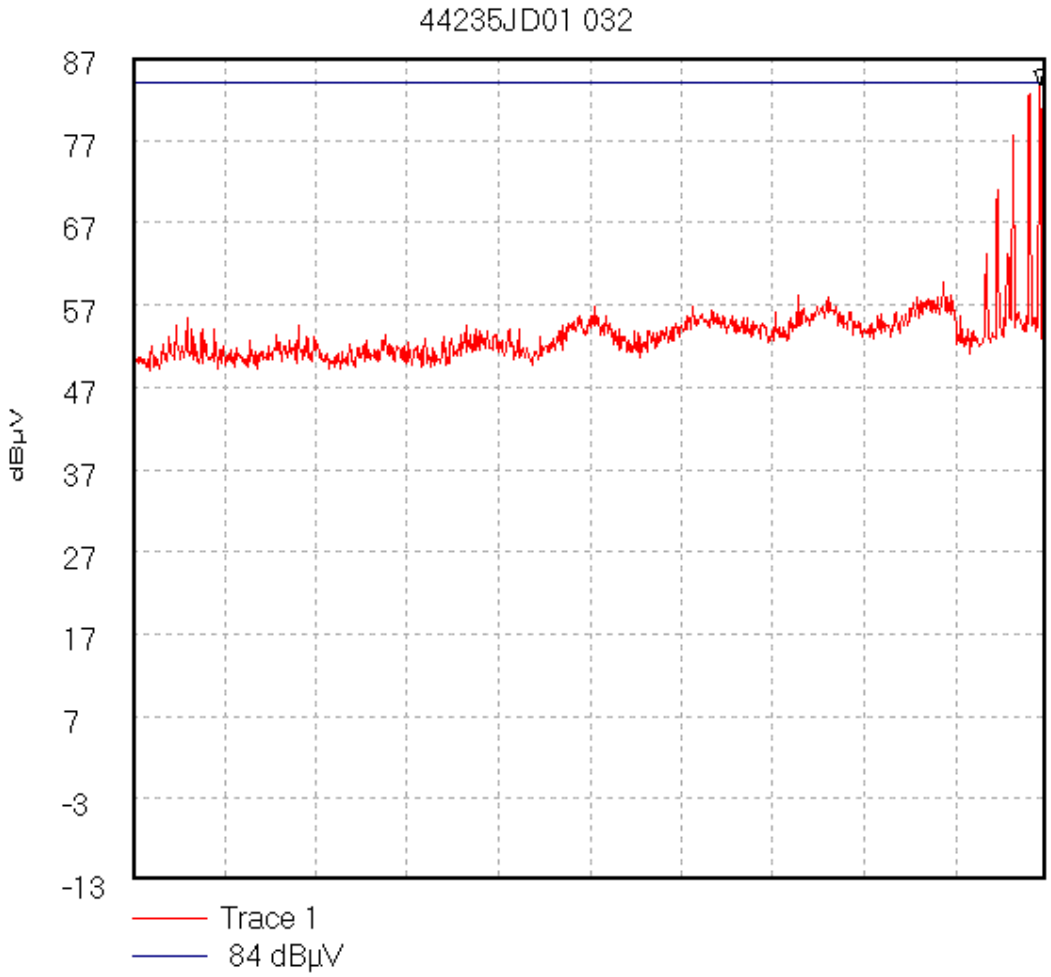
GPH\44235JD01\031
Radiated Emissions. RBS2202 (230Vac) - GMSK Mode



Start 30.0 MHz; Stop 1.0 GHz - Log Scale
Ref 87 dBµV; Ref Offset 0.0 dB; 10 dB/div
RBW 120.0 kHz; VBW 100.0 kHz; Att 0 dB; Swp 380.0 mS
Peak 969.311 MHz, 50.41 dBµV
Display Line: 84 dBµV; ; Limit Test Passed
Transducer Factors: A490
08/01/2003 10:54:27 AM

Test Of: **Ericsson AB.**
KRC131 139/01 sTRU-Edge Transceiver
To: **FCC Part 24: 2001**

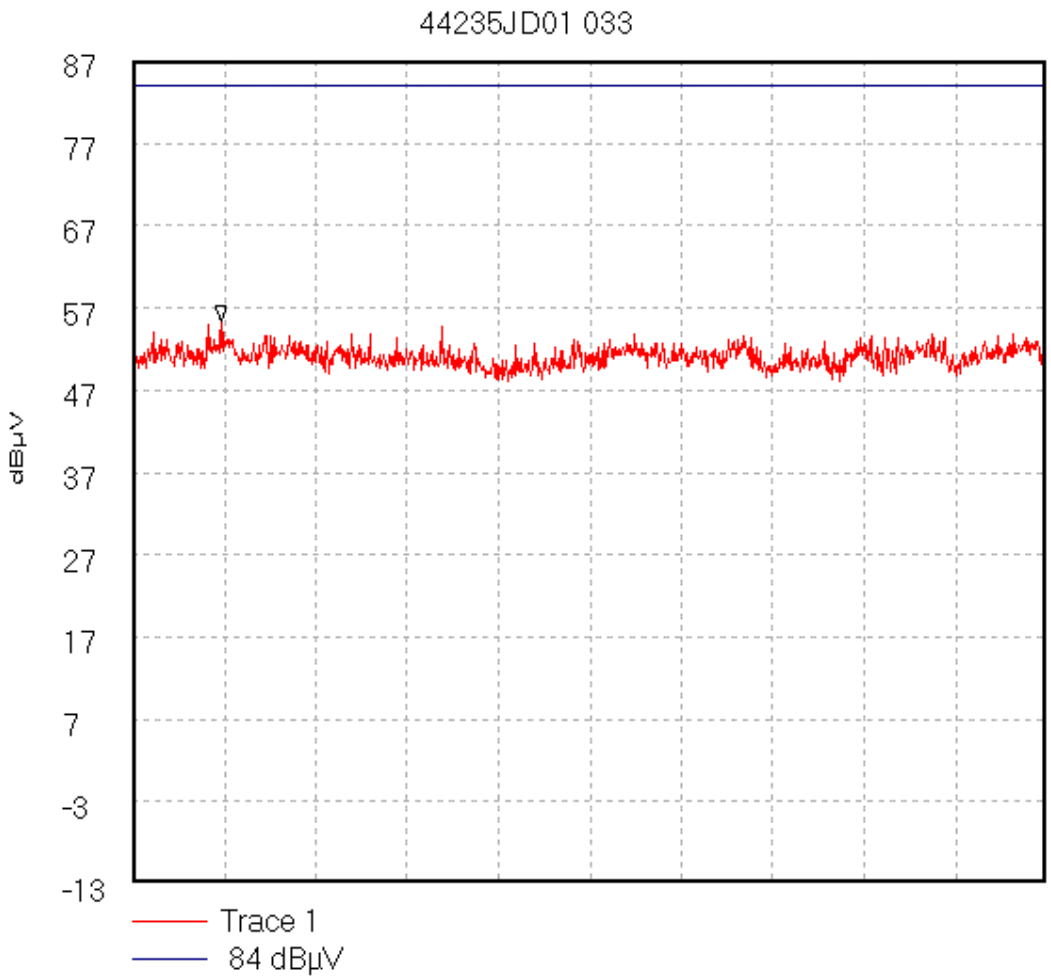
GPH\44235JD01\032
Radiated Emissions.RBS2202 (230Vac) - GMSK Mode



Start 1.0 GHz; Stop 2.0 GHz
Ref 87 dBµV; Ref Offset 0.0 dB; 10 dB/div
RBW 1000.0 kHz; VBW 3.0 MHz; Att 0 dB; Swp 20.0 mS
Peak 1.993 GHz, 83.68 dBµV
Display Line: 84 dBµV; ; Limit Test Passed
Transducer Factors: A490
08/01/2003 11:00:53 AM

Test Of: **Ericsson AB.**
KRC131 139/01 sTRU-Edge Transceiver
To: **FCC Part 24: 2001**

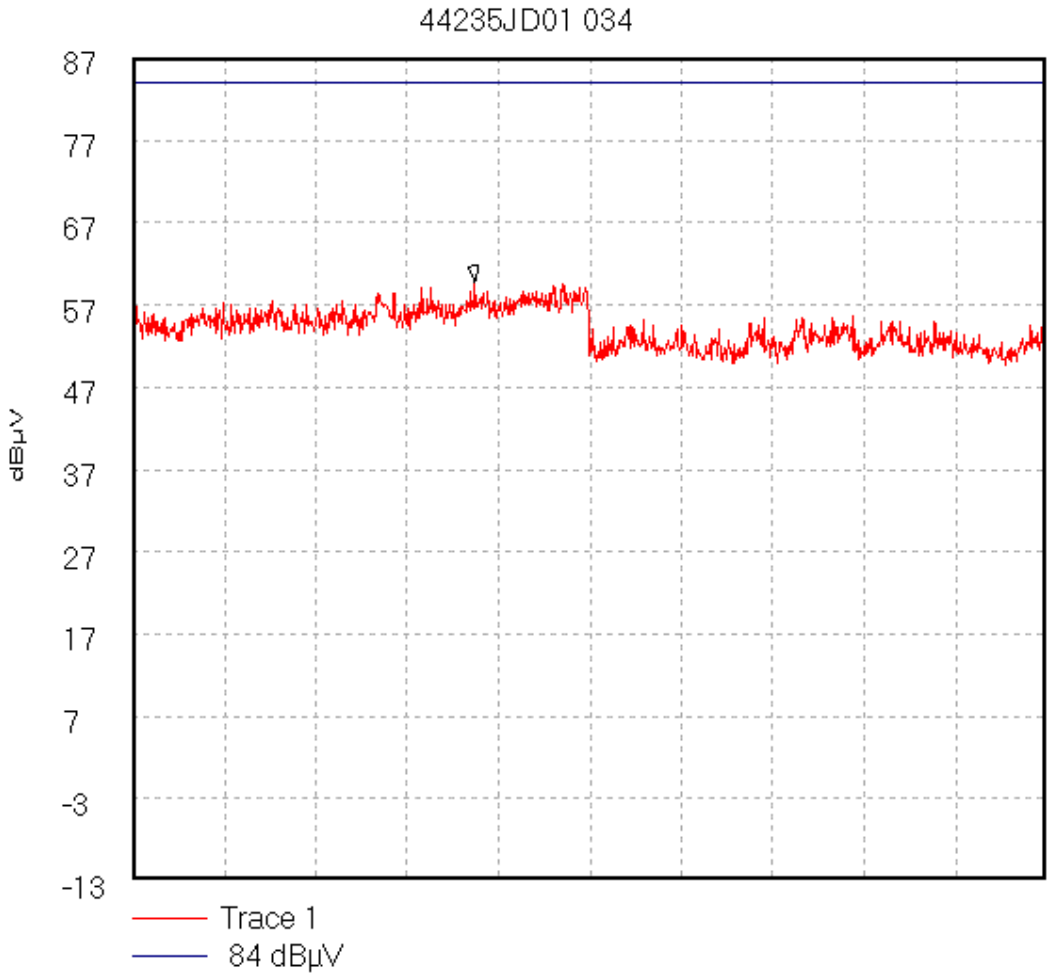
GPH\44235JD01\033
Radiated Emissions. RBS2202 (230Vac) - GMSK Mode



Start 2.0 GHz; Stop 4.0 GHz
Ref 87 dBµV; Ref Offset 0.0 dB; 10 dB/div
RBW 1000.0 kHz; VBW 3.0 MHz; Att 0 dB; Swp 20.0 mS
Peak 2.193 GHz, 55.34 dBµV
Display Line: 84 dBµV; ; Limit Test Passed
Transducer Factors: A490
08/01/2003 11:05:08 AM

Test Of: **Ericsson AB.**
KRC131 139/01 sTRU-Edge Transceiver
To: **FCC Part 24: 2001**

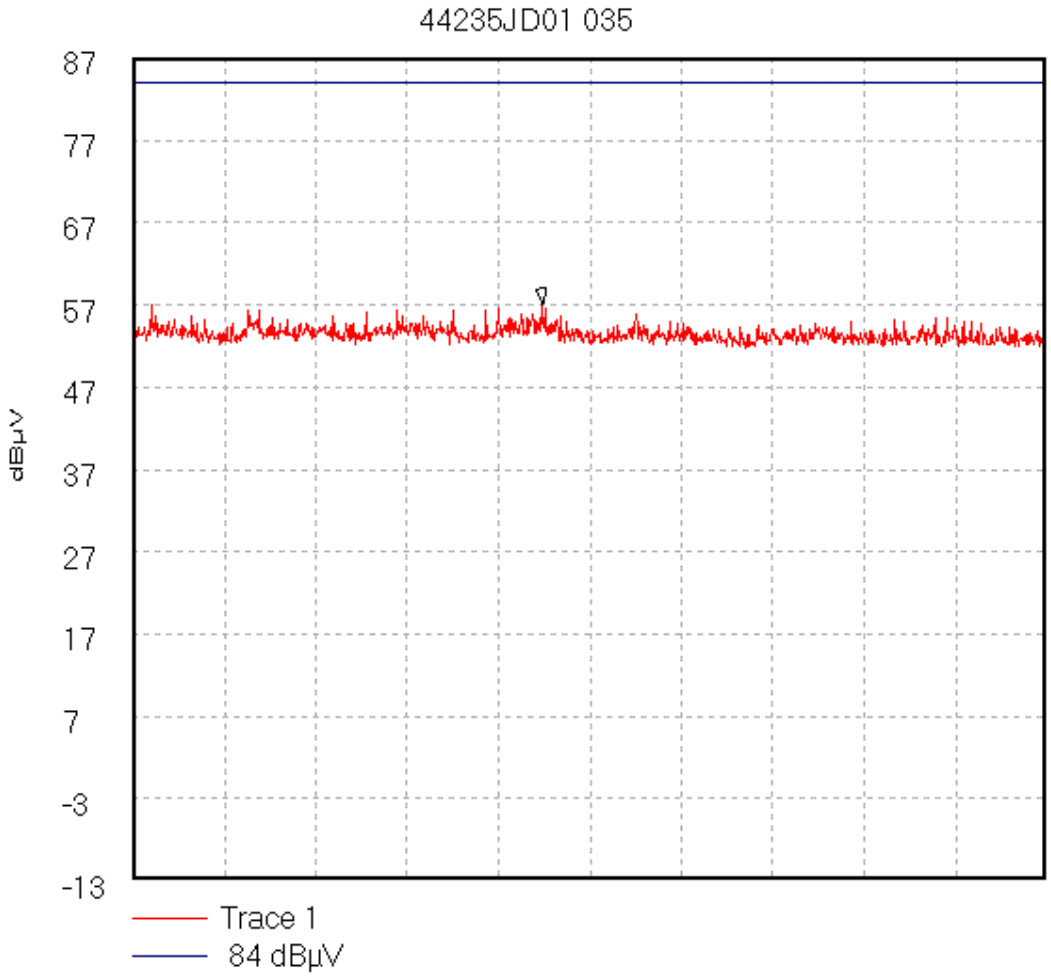
GPH\44235JD01\034
Radiated Emissions. RBS2202 (230Vac) - GMSK Mode



Start 4.0 GHz; Stop 6.0 GHz
Ref 87 dBµV; Ref Offset 0.0 dB; 10 dB/div
RBW 1000.0 kHz; VBW 3.0 MHz; Att 0 dB; Swp 20.0 mS
Peak 4.749 GHz, 59.76 dBµV
Display Line: 84 dBµV; ; Limit Test Passed
Transducer Factors: A490
08/01/2003 11:11:59 AM

Test Of: **Ericsson AB.**
KRC131 139/01 sTRU-Edge Transceiver
To: **FCC Part 24: 2001**

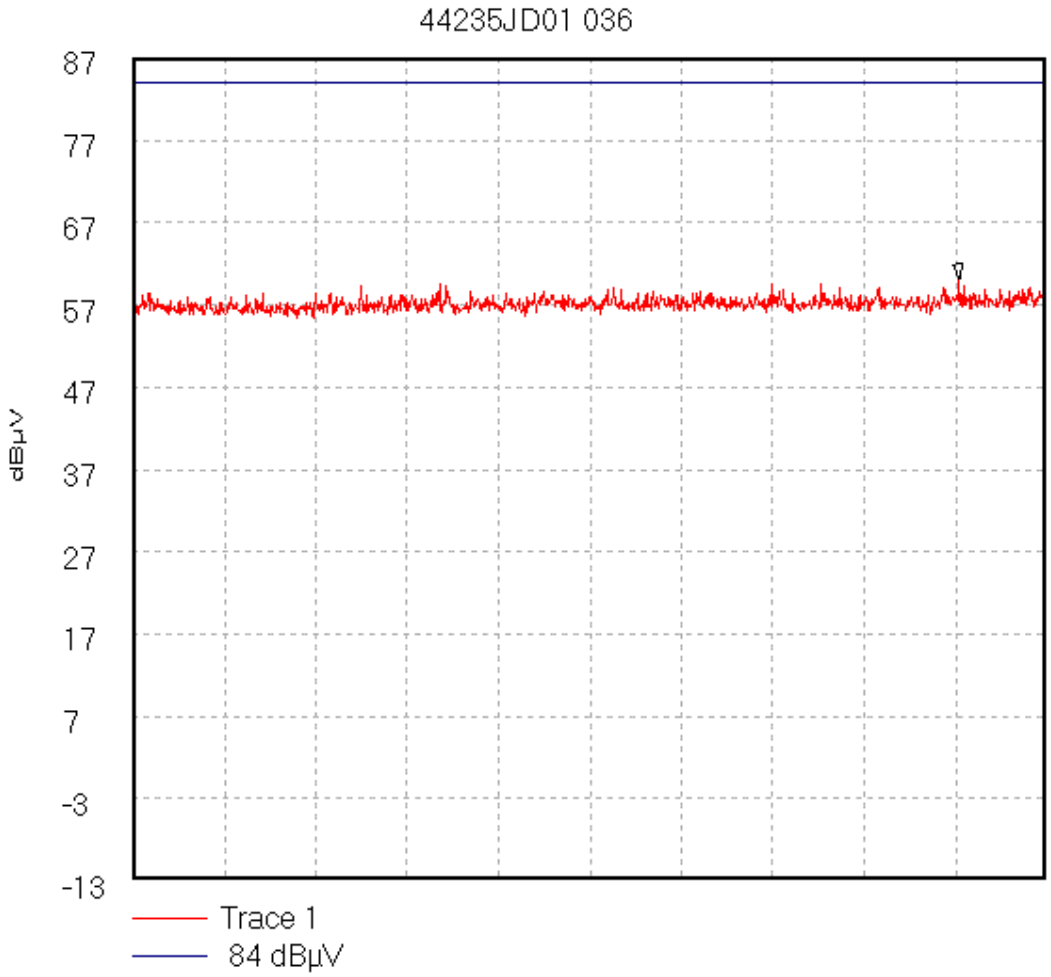
GPH\44235JD01\035
Radiated Emissions. RBS2202 (230Vac) - GMSK Mode



Start 6.0 GHz; Stop 8.0 GHz
Ref 87 dBµV; Ref Offset 0.0 dB; 10 dB/div
RBW 1000.0 kHz; VBW 3.0 MHz; Att 0 dB; Swp 20.0 mS
Peak 6.896 GHz, 57.04 dBµV
Display Line: 84 dBµV; ; Limit Test Passed
Transducer Factors: A490
08/01/2003 11:17:51 AM

Test Of: **Ericsson AB.**
KRC131 139/01 sTRU-Edge Transceiver
To: **FCC Part 24: 2001**

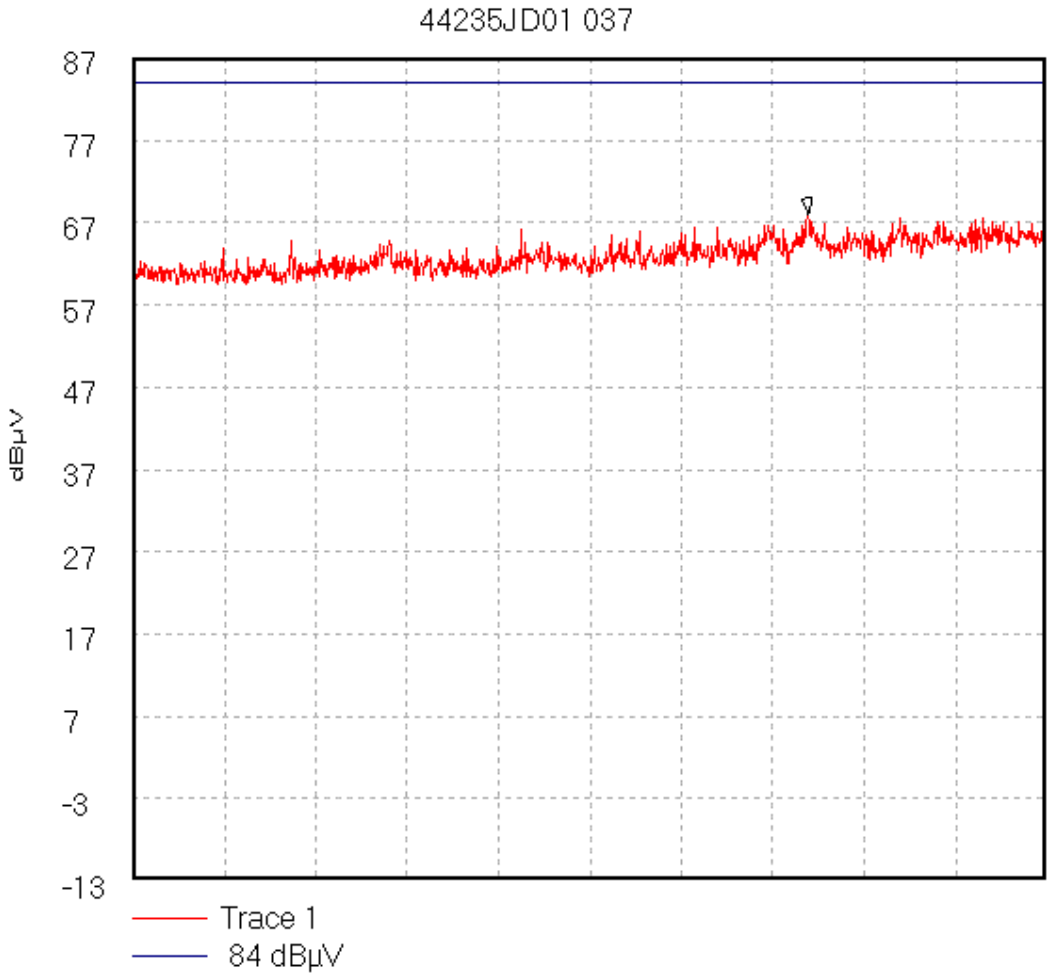
GPH\44235JD01\036
Radiated Emissions. RBS2202 (230Vac) - GMSK Mode



Start 8.0 GHz; Stop 12.5 GHz
Ref 87 dBµV; Ref Offset 0.0 dB; 10 dB/div
RBW 1000.0 kHz; VBW 3.0 MHz; Att 0 dB; Swp 40.0 mS
Peak 12.07 GHz, 60.16 dBµV
Display Line: 84 dBµV; ; Limit Test Passed
Transducer Factors: A490
08/01/2003 11:22:41 AM

Test Of: **Ericsson AB.**
KRC131 139/01 sTRU-Edge Transceiver
To: **FCC Part 24: 2001**

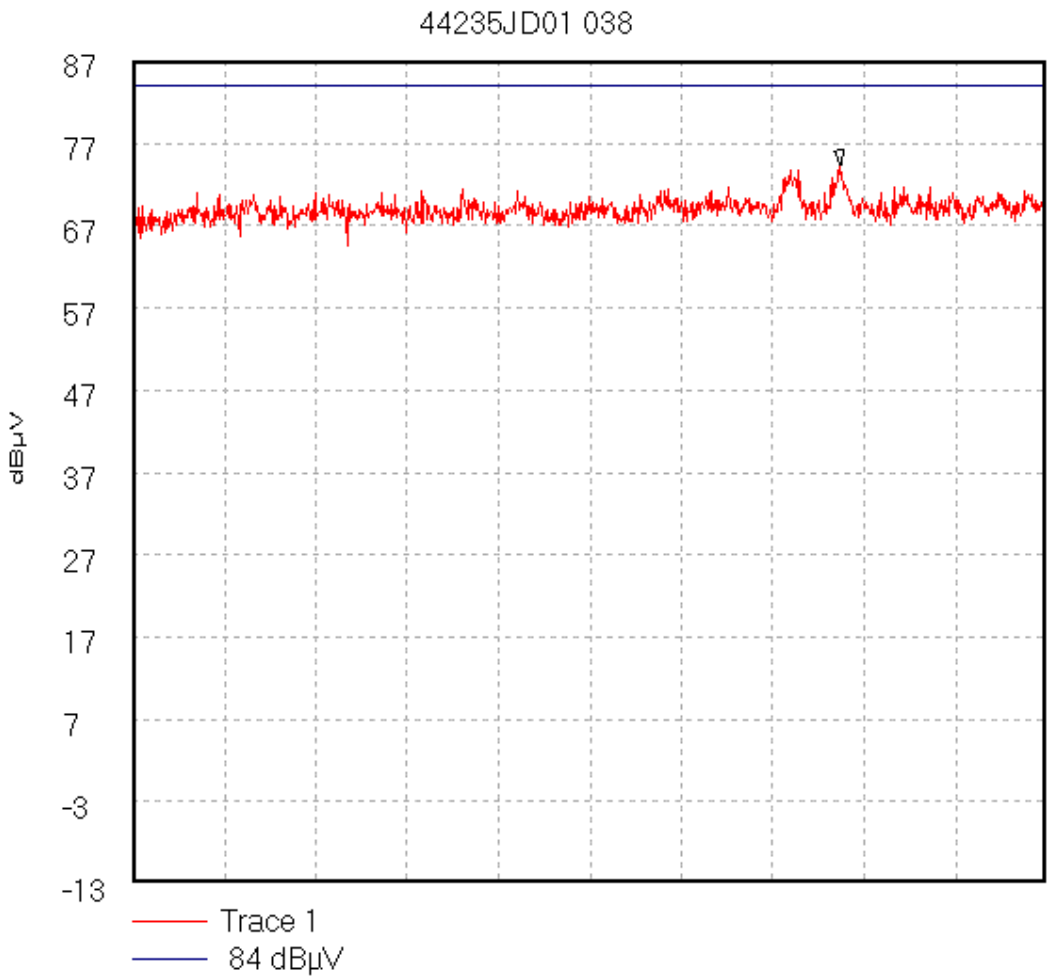
GPH\44235JD01\037
Radiated Emissions. RBS2202 (230Vac) -GMSK Mode



Start 12.5 GHz; Stop 18.0 GHz
Ref 87 dBµV; Ref Offset 0.0 dB; 10 dB/div
RBW 1000.0 kHz; VBW 3.0 MHz; Att 0 dB; Swp 40.0 mS
Peak 16.564 GHz, 68.01 dBµV
Display Line: 84 dBµV; ; Limit Test Passed
Transducer Factors: A490
08/01/2003 11:28:04 AM

Test Of: **Ericsson AB.**
KRC131 139/01 sTRU-Edge Transceiver
To: **FCC Part 24: 2001**

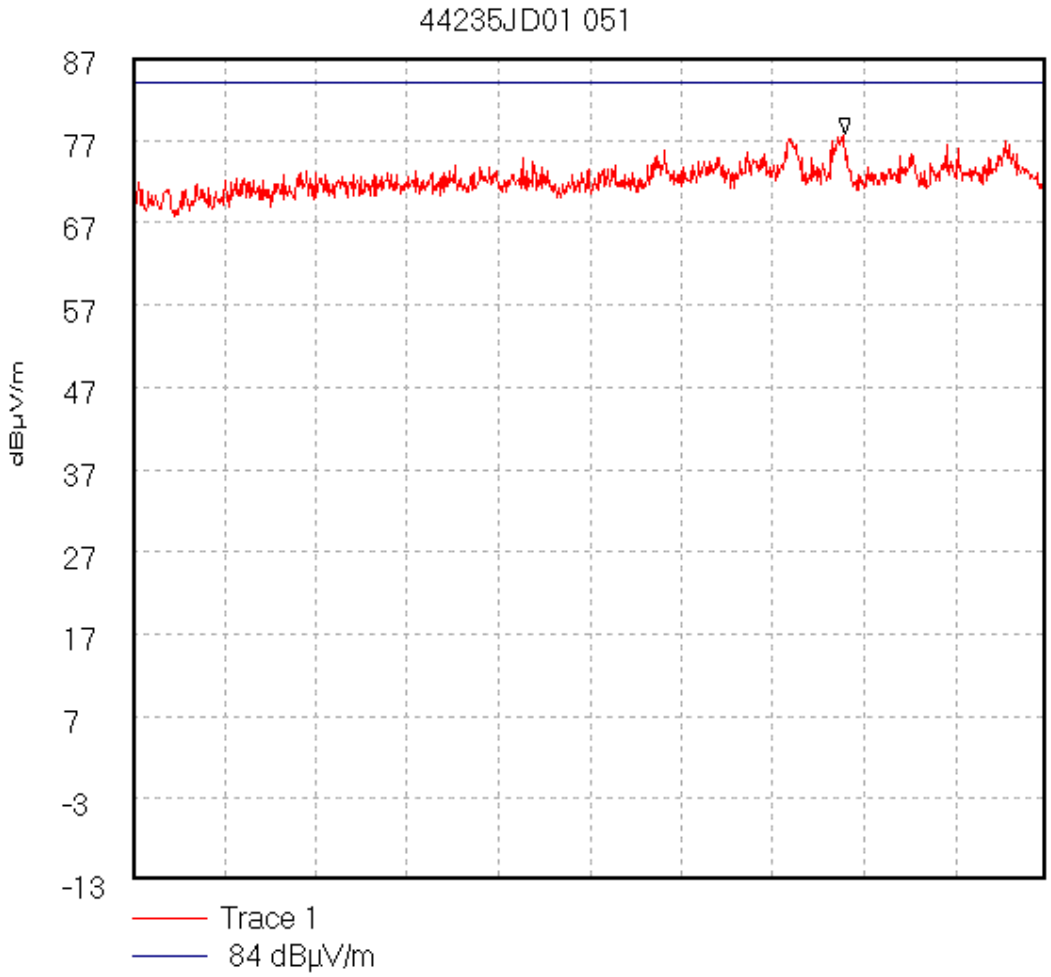
GPH\44235JD01\038
Radiated Emissions. RBS2202 (230Vac) - GMSK Mode



Start 18.0 GHz; Stop 26.5 GHz
Ref 87 dBµV; Ref Offset 0.0 dB; 10 dB/div
RBW 1000.0 kHz; VBW 3.0 MHz; Att 0 dB; Swp 60.0 mS
Peak 24.583 GHz, 74.28 dBµV
Display Line: 84 dBµV; ; Limit Test Passed
Transducer Factors: A490
08/01/2003 11:33:45 AM

Test Of: **Ericsson AB.**
KRC131 139/01 sTRU-Edge Transceiver
To: **FCC Part 24: 2001**

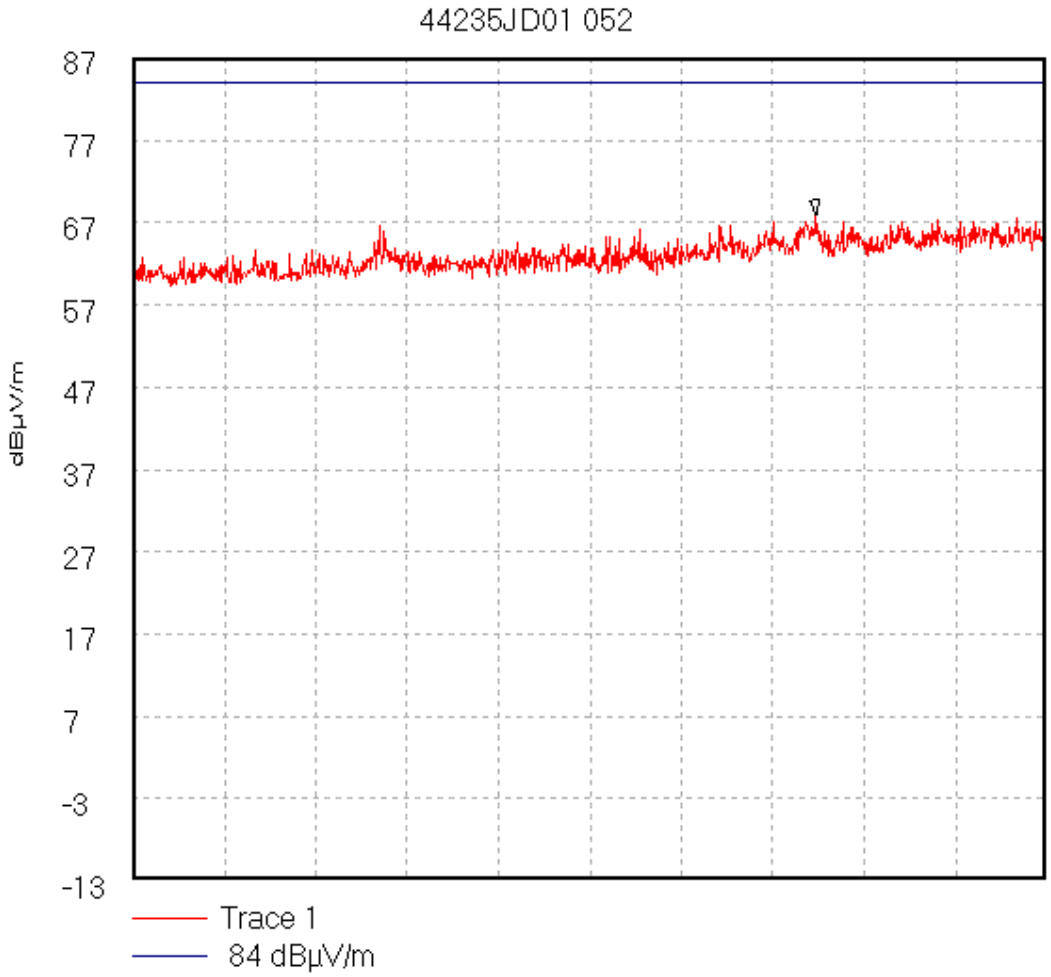
GPH\44235JD01\051
Radiated Emissions. RBS2202 (24Vdc) - GMSK Mode



Start 18.0 GHz; Stop 26.5 GHz
Ref 87 dBµV/m; Ref Offset 0.0 dB; 10 dB/div
RBW 1000.0 kHz; VBW 3.0 MHz; Att 0 dB; Swp 60.0 mS
Peak 24.621 GHz, 77.74 dBµV/m
Display Line: 84 dBµV/m; ; Limit Test Passed
Transducer Factors: A490
08/01/2003 4:44:15 PM

Test Of: **Ericsson AB.**
KRC131 139/01 sTRU-Edge Transceiver
To: **FCC Part 24: 2001**

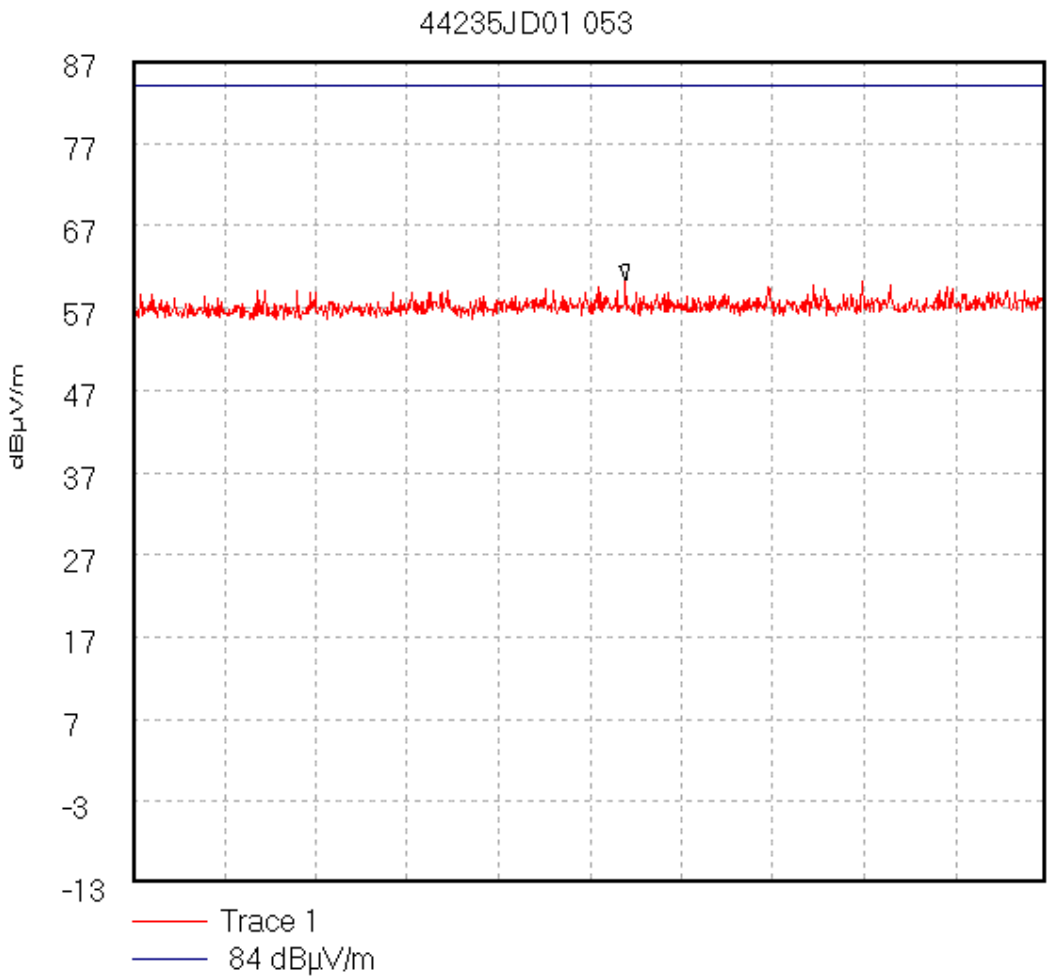
GPH\44235JD01\052
Radiated Emissions. RBS2202 (24Vdc) - GMSK Mode



Start 12.5 GHz; Stop 18.0 GHz
Ref 87 dBµV/m; Ref Offset 0.0 dB; 10 dB/div
RBW 1000.0 kHz; VBW 3.0 MHz; Att 0 dB; Swp 40.0 mS
Peak 16.613 GHz, 67.88 dBµV/m
Display Line: 84 dBµV/m; ; Limit Test Passed
Transducer Factors: A490
08/01/2003 4:51:17 PM

Test Of: **Ericsson AB.**
KRC131 139/01 sTRU-Edge Transceiver
To: **FCC Part 24: 2001**

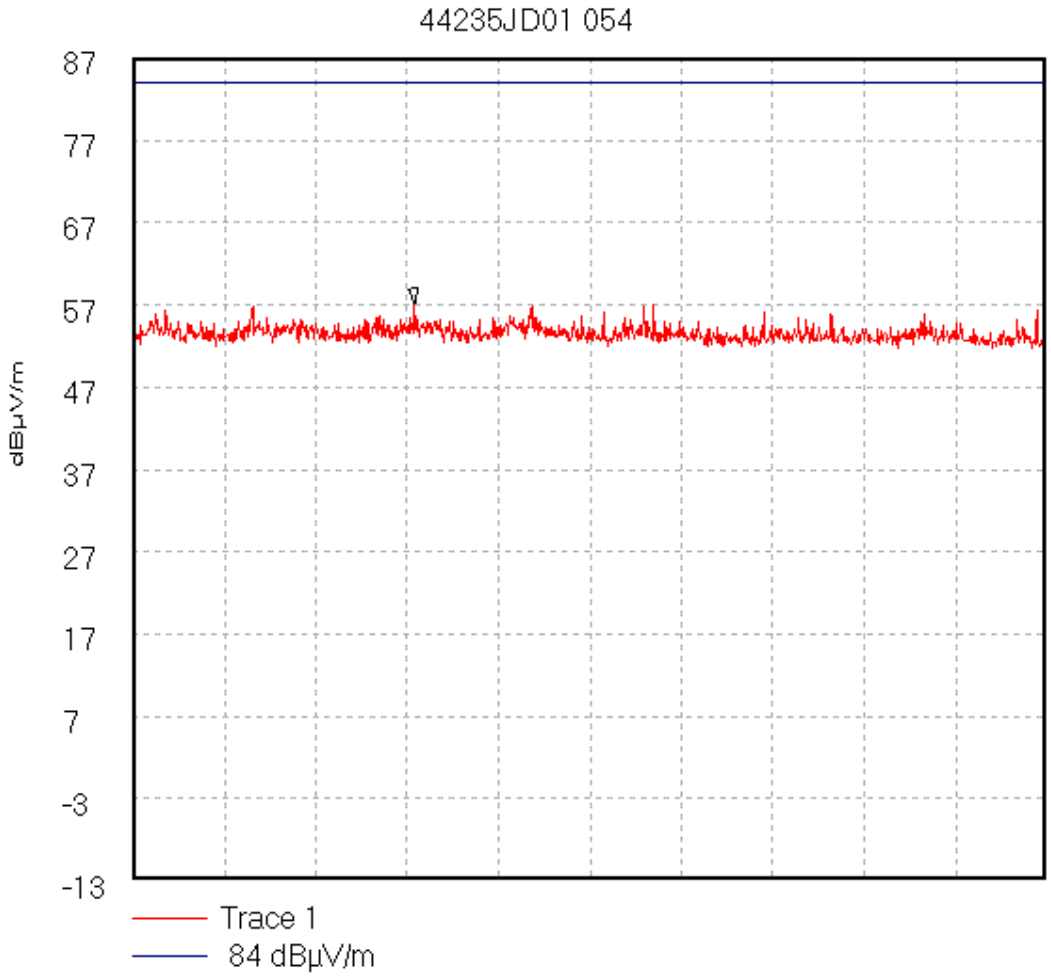
GPH\44235JD01\053
Radiated Emissions. RBS2202 (24Vdc) - GMSK Mode



Start 8.0 GHz; Stop 12.5 GHz
Ref 87 dBµV/m; Ref Offset 0.0 dB; 10 dB/div
RBW 1000.0 kHz; VBW 3.0 MHz; Att 0 dB; Swp 40.0 mS
Peak 10.425 GHz, 60.34 dBµV/m
Display Line: 84 dBµV/m; ; Limit Test Passed
Transducer Factors: A490
08/01/2003 4:57:09 PM

Test Of: **Ericsson AB.**
KRC131 139/01 sTRU-Edge Transceiver
To: **FCC Part 24: 2001**

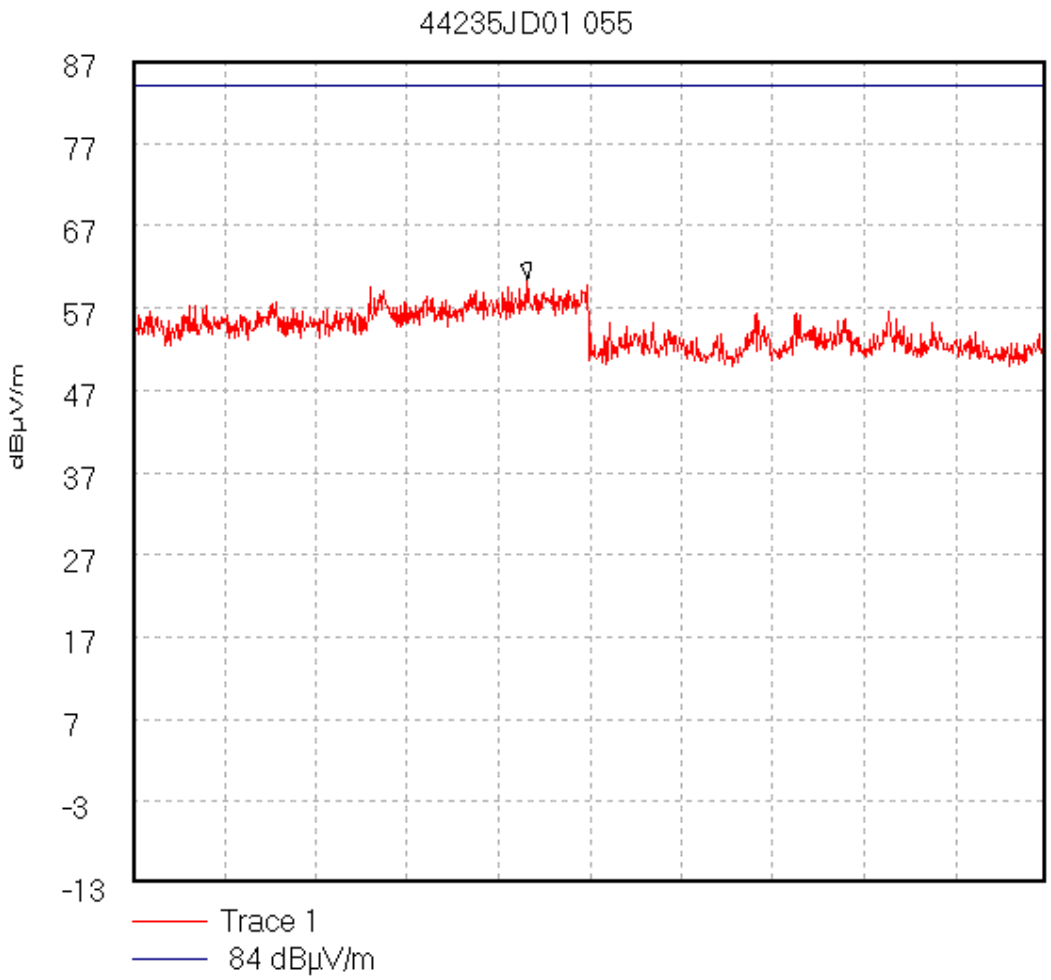
GPH\44235JD01\054
Radiated Emissions. RBS2202 (24Vdc) - GMSK Mode



Start 6.0 GHz; Stop 8.0 GHz
Ref 87 dBµV/m; Ref Offset 0.0 dB; 10 dB/div
RBW 1000.0 kHz; VBW 3.0 MHz; Att 0 dB; Swp 20.0 mS
Peak 6.616 GHz, 57.14 dBµV/m
Display Line: 84 dBµV/m; ; Limit Test Passed
Transducer Factors: A490
08/01/2003 5:02:07 PM

Test Of: **Ericsson AB.**
KRC131 139/01 sTRU-Edge Transceiver
To: **FCC Part 24: 2001**

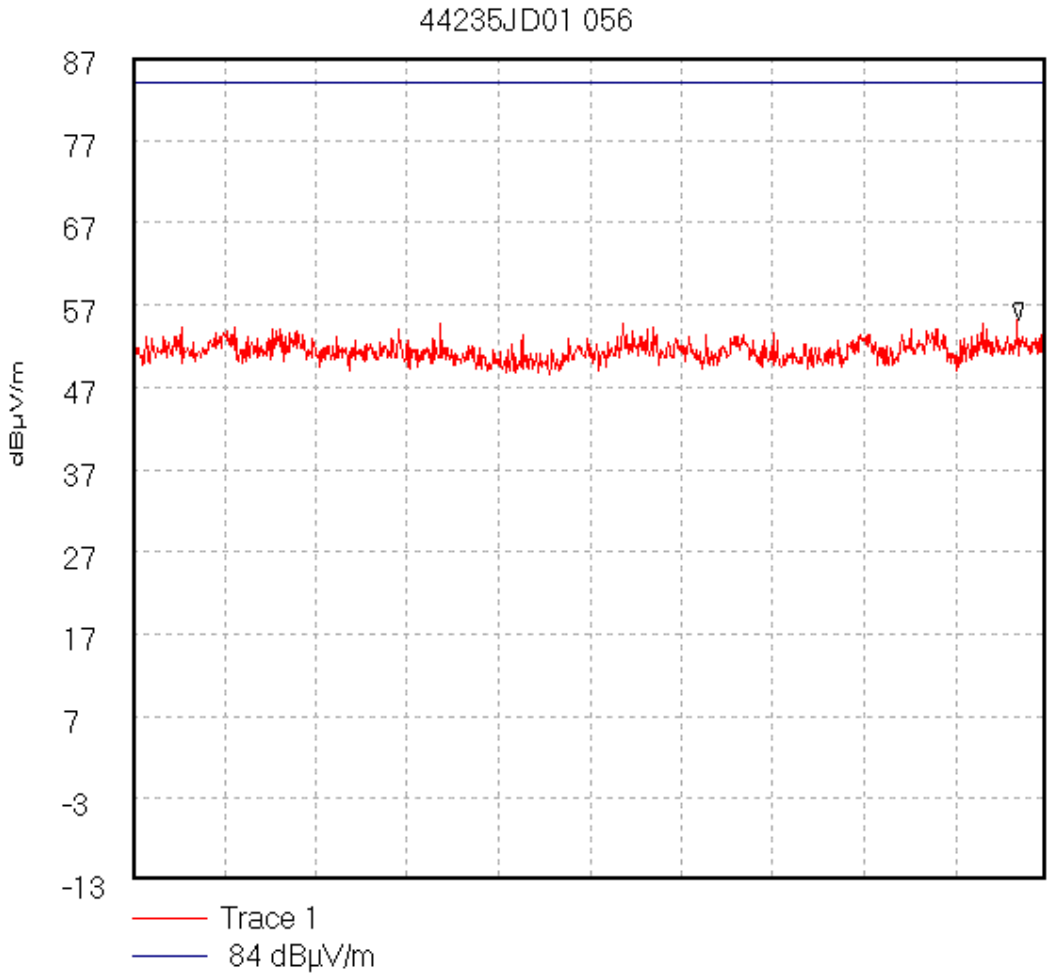
GPH\44235JD01\055
Radiated Emissions. RBS2202 (24Vdc) - GMSK Mode



Start 4.0 GHz; Stop 6.0 GHz
Ref 87 dBµV/m; Ref Offset 0.0 dB; 10 dB/div
RBW 1000.0 kHz; VBW 3.0 MHz; Att 0 dB; Swp 20.0 mS
Peak 4.864 GHz, 60.44 dBµV/m
Display Line: 84 dBµV/m; ; Limit Test Passed
Transducer Factors: A490
08/01/2003 5:08:35 PM

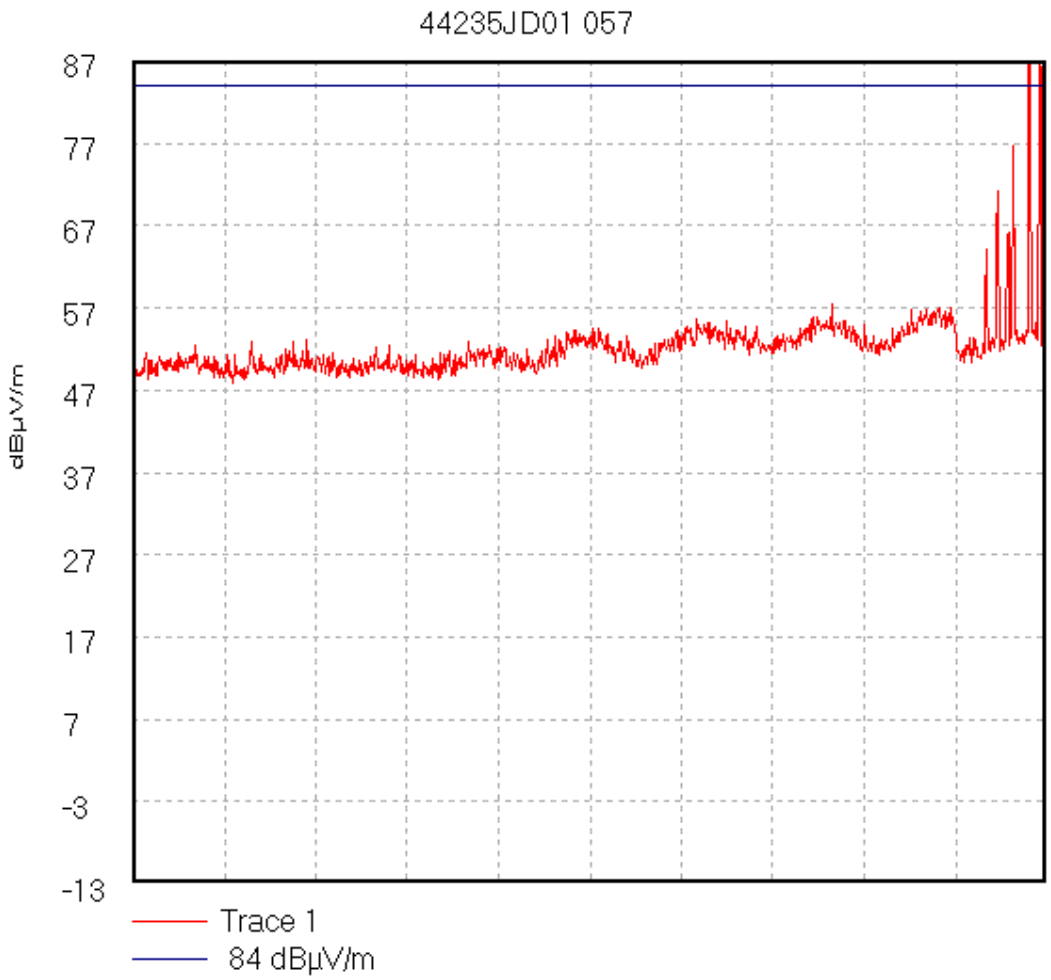
Test Of: **Ericsson AB.**
KRC131 139/01 sTRU-Edge Transceiver
To: **FCC Part 24: 2001**

GPH\44235JD01\056
Radiated Emissions. RBS2202 (24Vdc) - GMSK Mode



Start 2.0 GHz; Stop 4.0 GHz
Ref 87 dBµV/m; Ref Offset 0.0 dB; 10 dB/div
RBW 1000.0 kHz; VBW 3.0 MHz; Att 0 dB; Swp 20.0 mS
Peak 3.938 GHz, 55.19 dBµV/m
Display Line: 84 dBµV/m; ; Limit Test Passed
Transducer Factors: A490
08/01/2003 5:23:06 PM

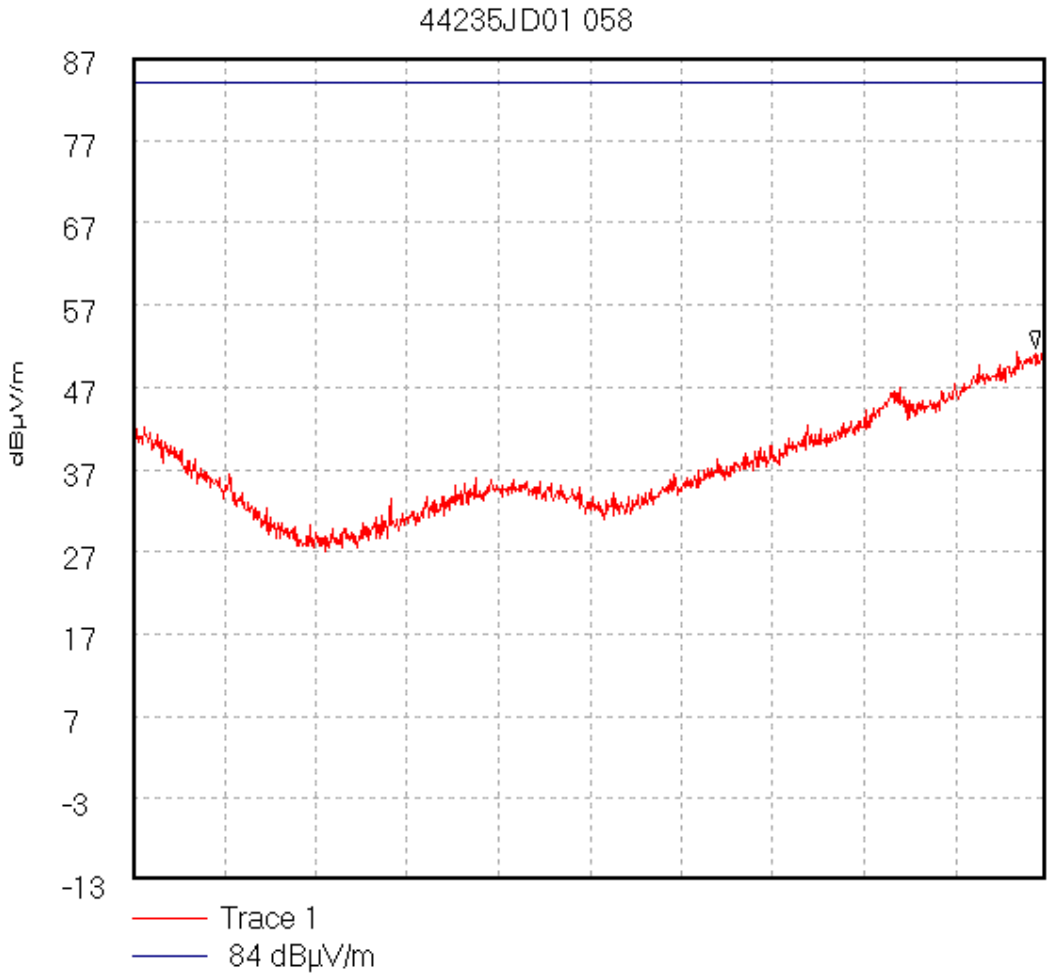
GPH\44235JD01\057
Radiated Emissions. RBS2202 (24Vdc) - GMSK Mode



Start 1.0 GHz; Stop 2.0 GHz
Ref 87 dBµV/m; Ref Offset 0.0 dB; 10 dB/div
RBW 1000.0 kHz; VBW 3.0 MHz; Att 0 dB; Swp 20.0 mS
Peak 1.982 GHz, 90.88 dBµV/m
Display Line: 84 dBµV/m; ; Limit Test Failed
Transducer Factors: A490
08/01/2003 5:30:28 PM

Test Of: **Ericsson AB.**
KRC131 139/01 sTRU-Edge Transceiver
To: **FCC Part 24: 2001**

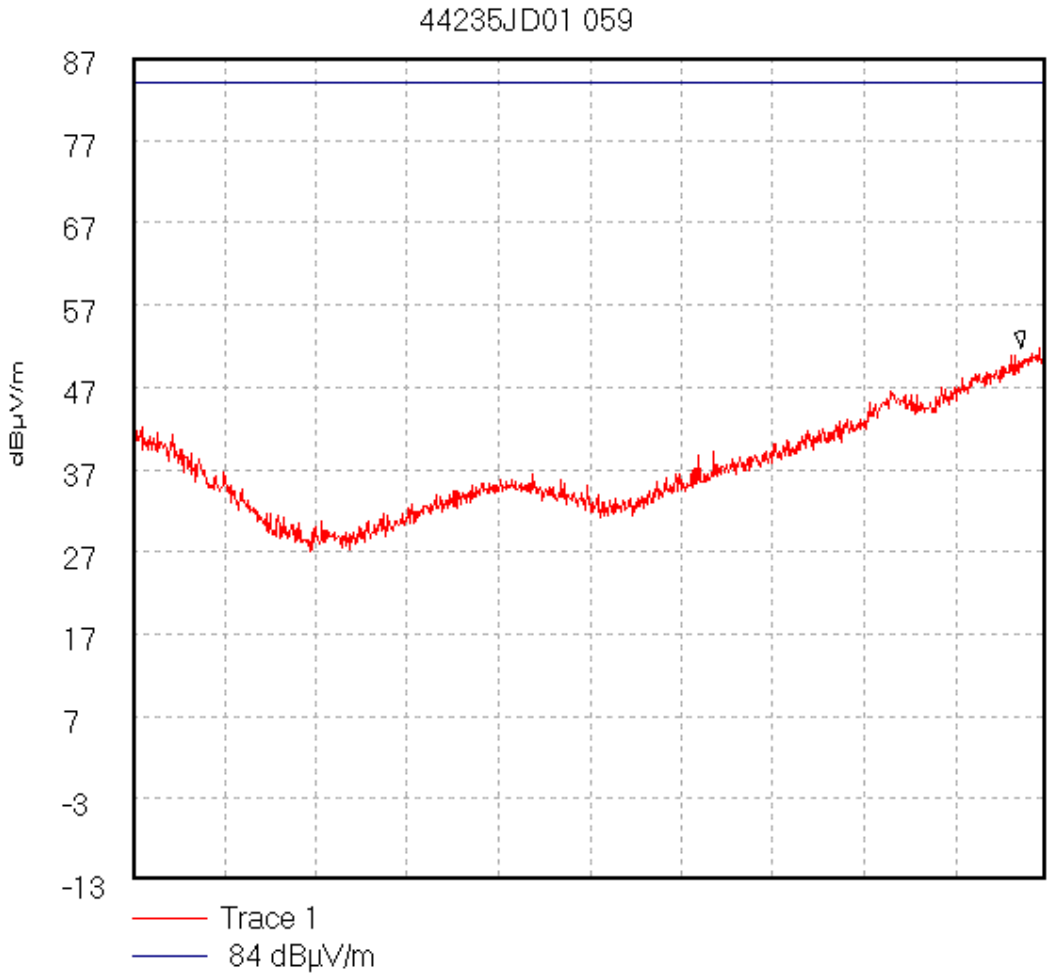
GPH\44235JD01\058
Radiated Emissions. RBS2202 (24Vdc) - GMSK Mode



Start 30.0 MHz; Stop 1.0 GHz
Ref 87 dBµV/m; Ref Offset 0.0 dB; 10 dB/div
RBW 120.0 kHz; VBW 3.0 MHz; Att 0 dB; Swp 380.0 mS
Peak 988.38 MHz, 51.73 dBµV/m
Display Line: 84 dBµV/m; ; Limit Test Passed
Transducer Factors: A490
08/01/2003 5:38:14 PM

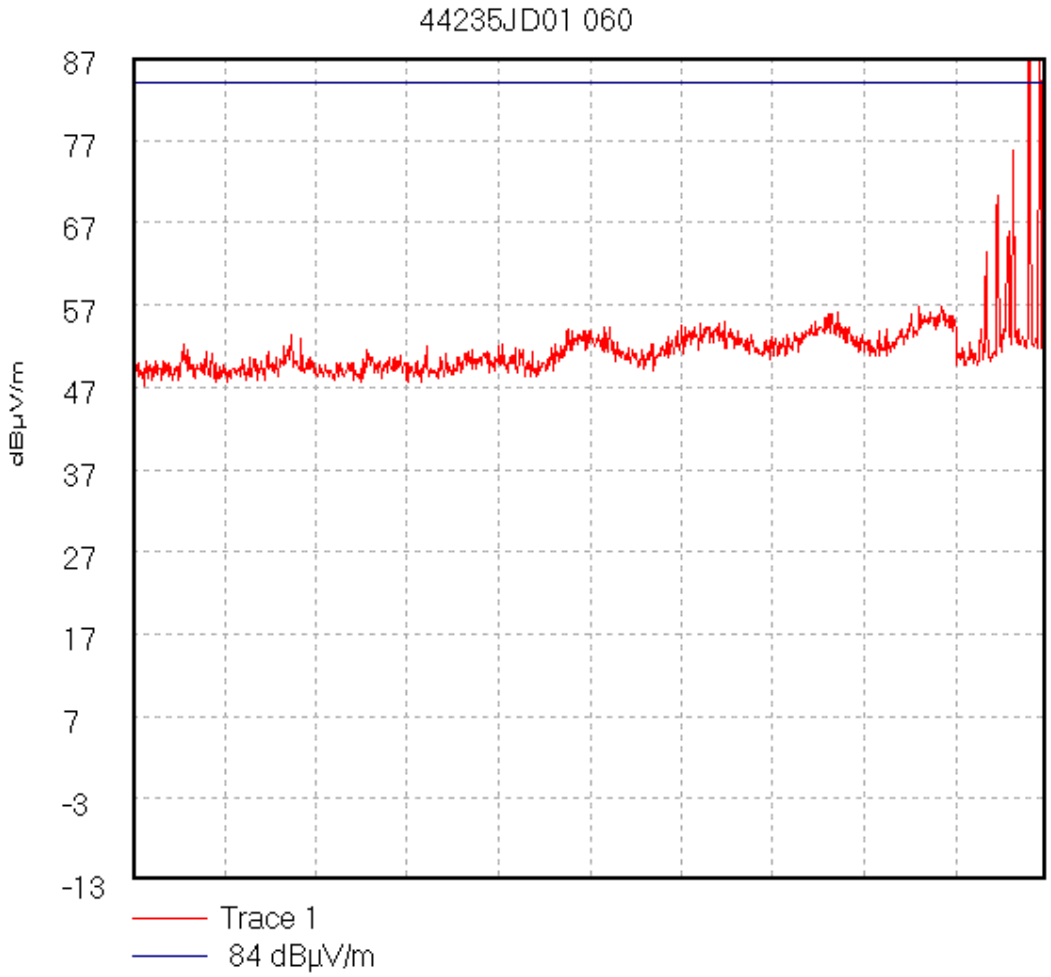
Test Of: **Ericsson AB.**
KRC131 139/01 sTRU-Edge Transceiver
To: **FCC Part 24: 2001**

GPH\44235JD01\059
Radiated Emissions. RBS2202 (24Vdc) - 8PSK Mode



Start 30.0 MHz; Stop 1.0 GHz
Ref 87 dBµV/m; Ref Offset 0.0 dB; 10 dB/div
RBW 120.0 kHz; VBW 3.0 MHz; Att 0 dB; Swp 380.0 mS
Peak 973.095 MHz, 51.81 dBµV/m
Display Line: 84 dBµV/m; ; Limit Test Passed
Transducer Factors: A490
08/01/2003 5:44:55 PM

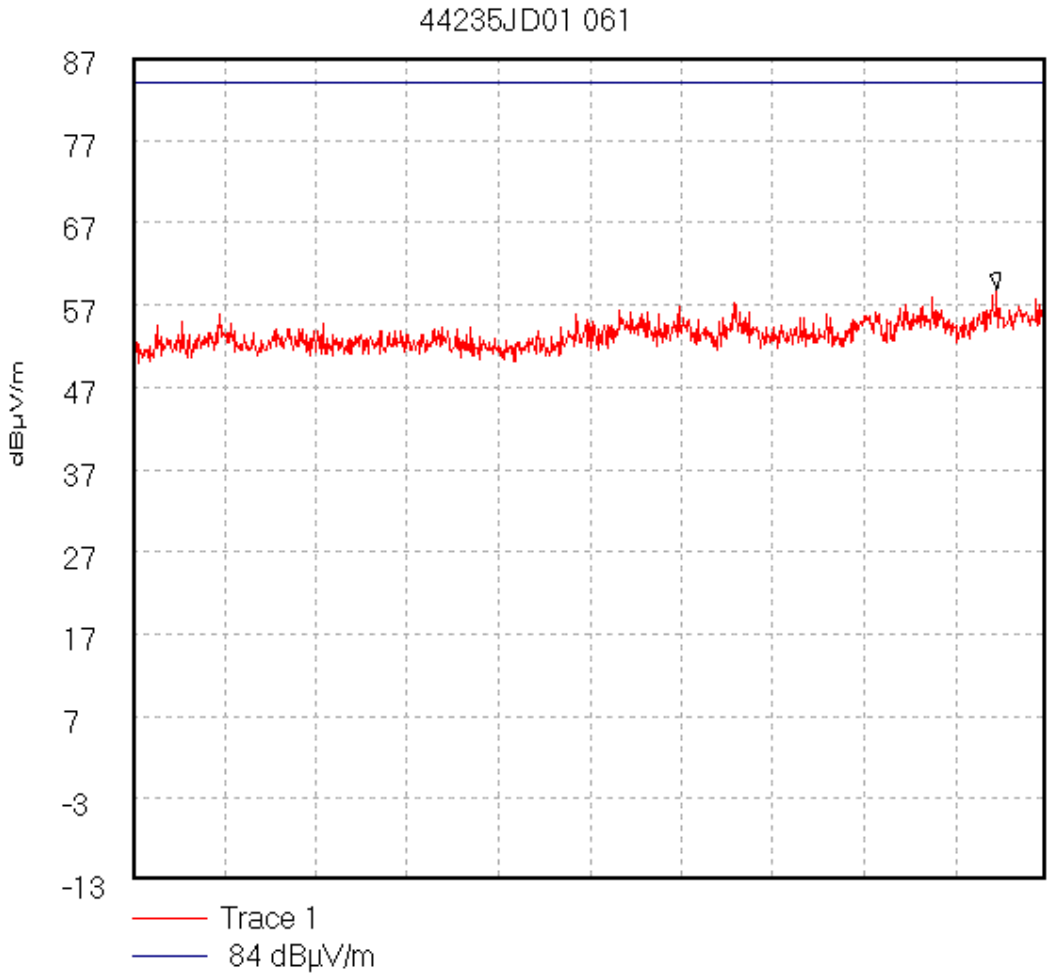
GPH\44235JD01\060
Radiated Emissions. RBS2202 (24Vdc) - 8PSK Mode



Start 1.0 GHz; Stop 2.0 GHz
Ref 87 dBµV/m; Ref Offset 0.0 dB; 10 dB/div
RBW 1000.0 kHz; VBW 3.0 MHz; Att 0 dB; Swp 20.0 mS
Peak 1.982 GHz, 88.34 dBµV/m
Display Line: 84 dBµV/m; ; Limit Test Failed
Transducer Factors: A490
08/01/2003 5:51:47 PM

Test Of: **Ericsson AB.**
KRC131 139/01 sTRU-Edge Transceiver
To: **FCC Part 24: 2001**

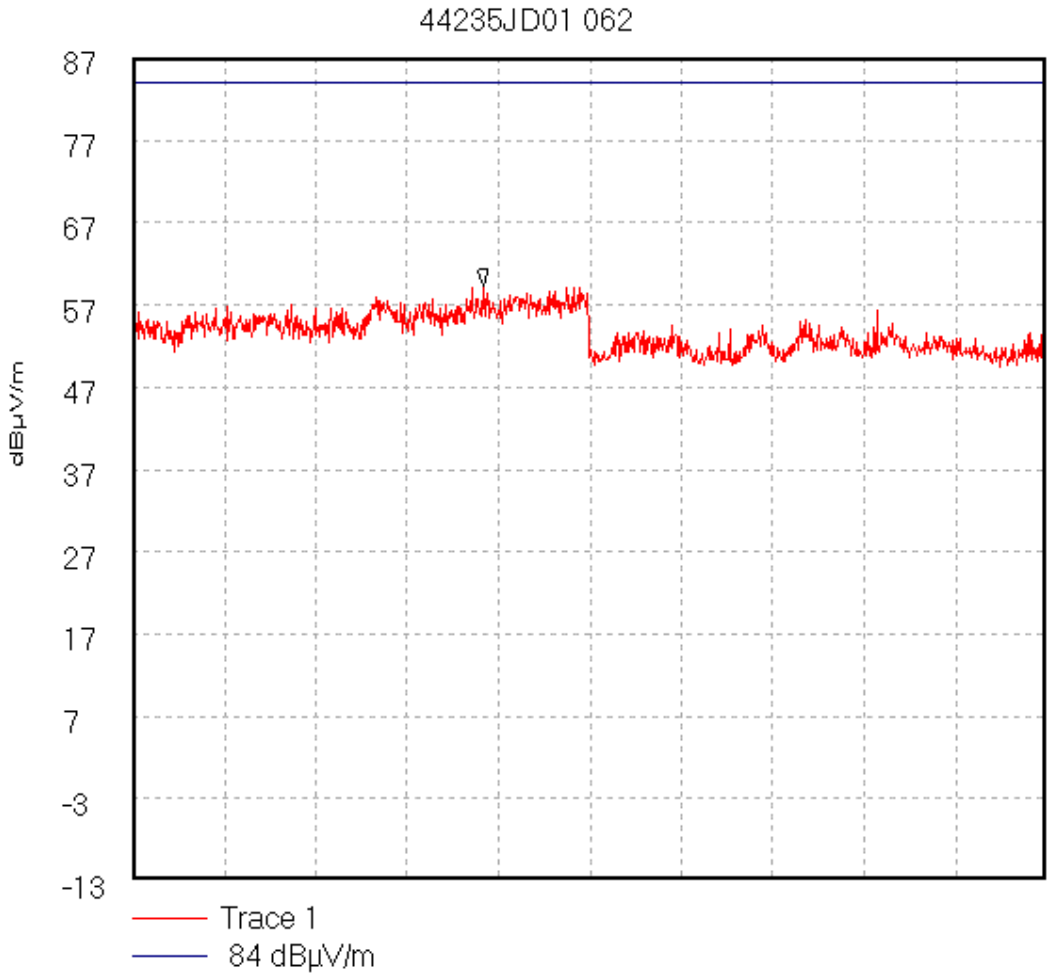
GPH\44235JD01\061
Radiated Emissions. RBS2202 (24Vdc) - 8PSK Mode



Start 2.0 GHz; Stop 4.0 GHz
Ref 87 dBµV/m; Ref Offset 0.0 dB; 10 dB/div
RBW 1000.0 kHz; VBW 3.0 MHz; Att 0 dB; Swp 20.0 mS
Peak 3.891 GHz, 58.89 dBµV/m
Display Line: 84 dBµV/m; ; Limit Test Passed
Transducer Factors: A490
08/01/2003 5:57:53 PM

Test Of: **Ericsson AB.**
KRC131 139/01 sTRU-Edge Transceiver
To: **FCC Part 24: 2001**

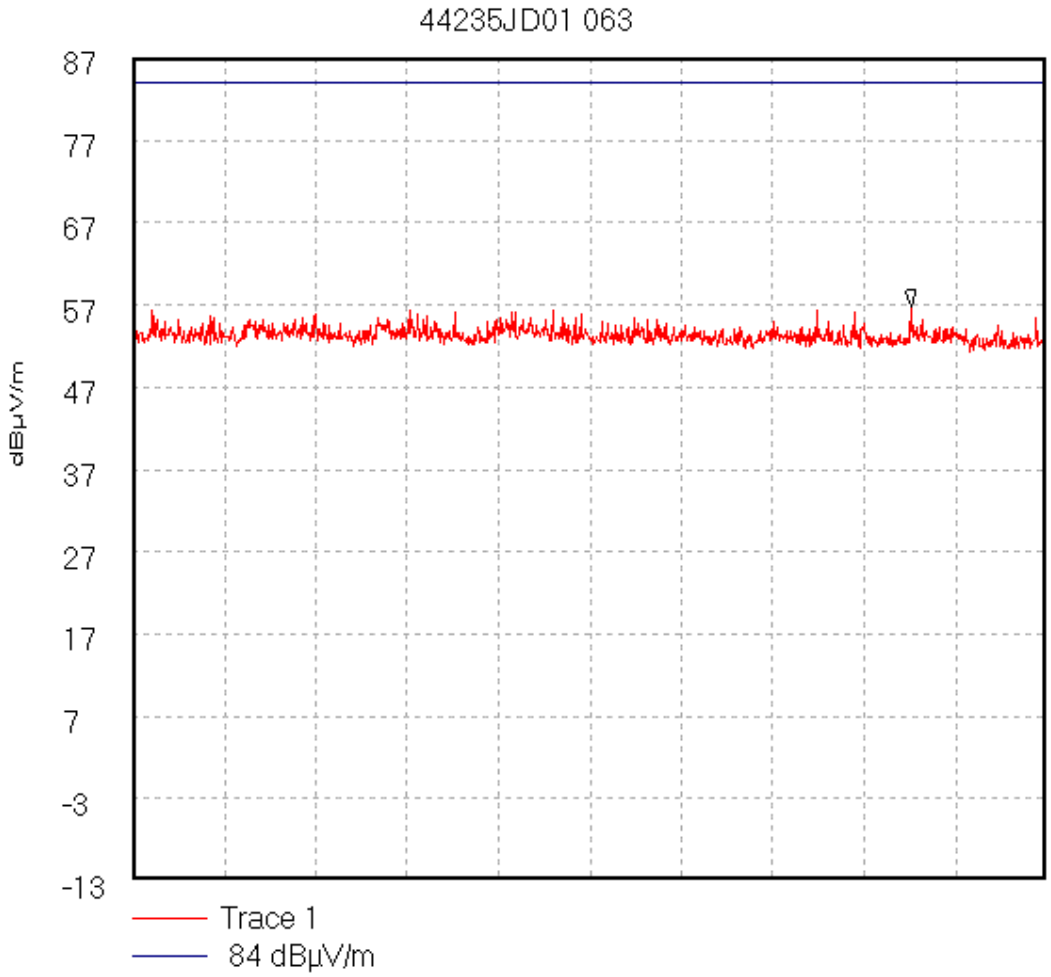
GPH\44235JD01\062
Radiated Emissions. RBS2202 (24Vdc) - 8PSK Mode



Start 4.0 GHz; Stop 6.0 GHz
Ref 87 dBµV/m; Ref Offset 0.0 dB; 10 dB/div
RBW 1000.0 kHz; VBW 3.0 MHz; Att 0 dB; Swp 20.0 mS
Peak 4.767 GHz, 59.3 dBµV/m
Display Line: 84 dBµV/m; ; Limit Test Passed
Transducer Factors: A490
08/01/2003 6:02:48 PM

Test Of: **Ericsson AB.**
KRC131 139/01 sTRU-Edge Transceiver
To: **FCC Part 24: 2001**

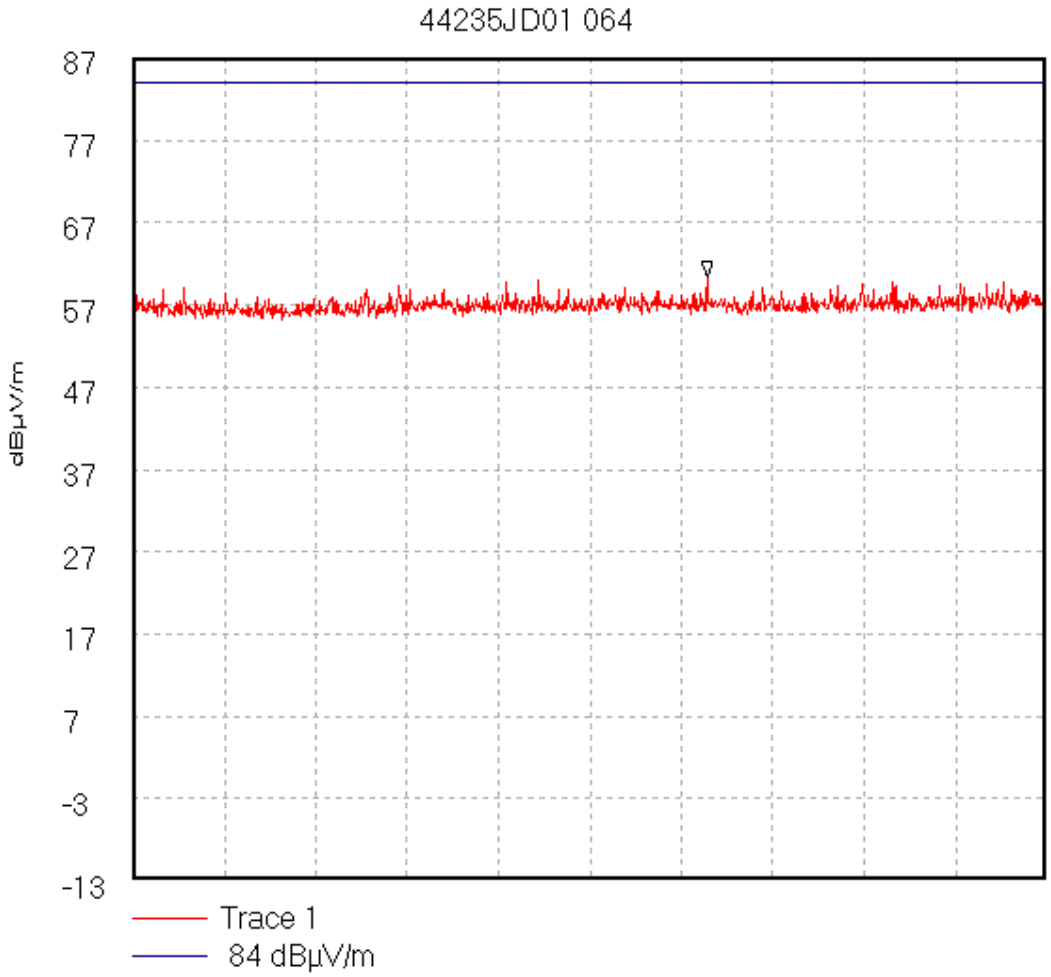
GPH\44235JD01\063
Radiated Emissions. RBS2202 (24Vdc) - 8PSK Mode



Start 6.0 GHz; Stop 8.0 GHz
Ref 87 dBµV/m; Ref Offset 0.0 dB; 10 dB/div
RBW 1000.0 kHz; VBW 3.0 MHz; Att 0 dB; Swp 20.0 mS
Peak 7.704 GHz, 56.81 dBµV/m
Display Line: 84 dBµV/m; ; Limit Test Passed
Transducer Factors: A490
08/01/2003 6:08:21 PM

Test Of: **Ericsson AB.**
KRC131 139/01 sTRU-Edge Transceiver
To: **FCC Part 24: 2001**

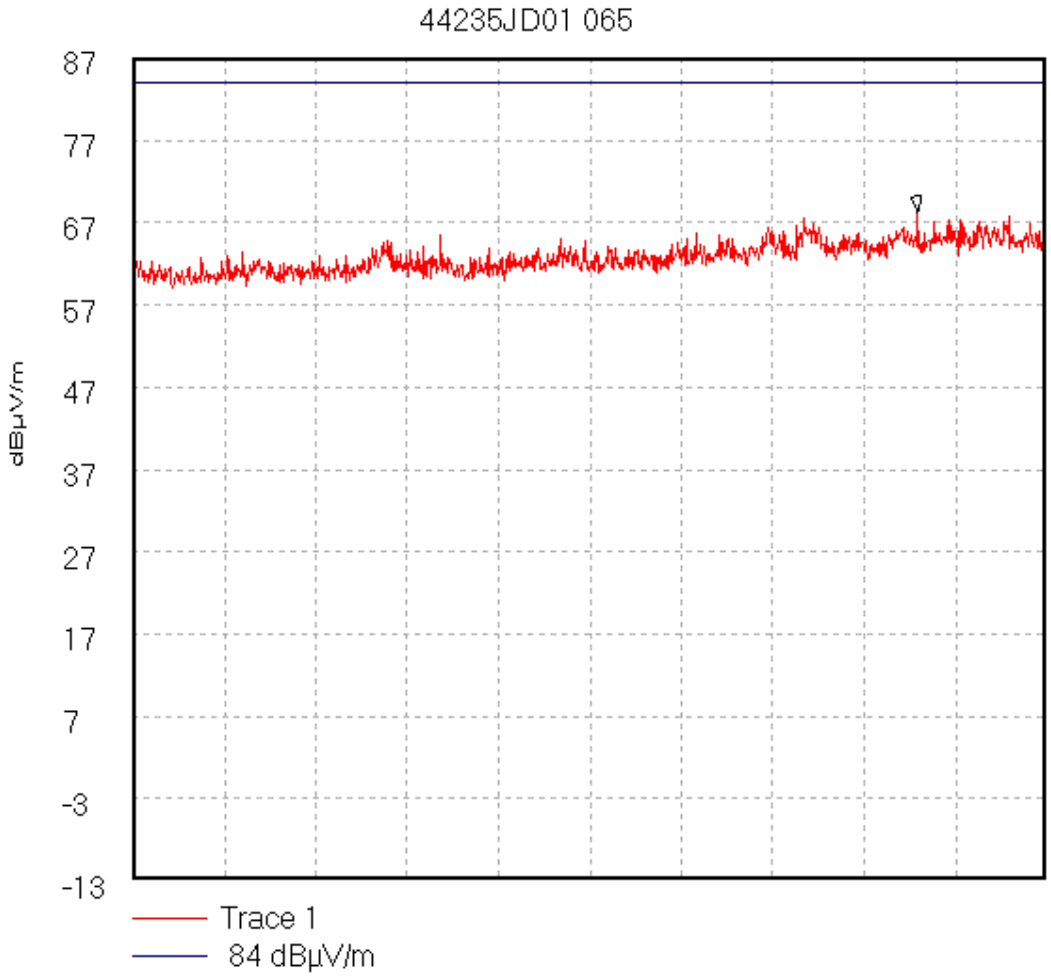
GPH\44235JD01\064
Radiated Emissions. RBS2202 (24Vdc) - 8PSK Mode



Start 8.0 GHz; Stop 12.5 GHz
Ref 87 dBµV/m; Ref Offset 0.0 dB; 10 dB/div
RBW 1000.0 kHz; VBW 3.0 MHz; Att 0 dB; Swp 40.0 mS
Peak 10.83 GHz, 60.37 dBµV/m
Display Line: 84 dBµV/m; ; Limit Test Passed
Transducer Factors: A490
08/01/2003 6:13:31 PM

Test Of: **Ericsson AB.**
KRC131 139/01 sTRU-Edge Transceiver
To: **FCC Part 24: 2001**

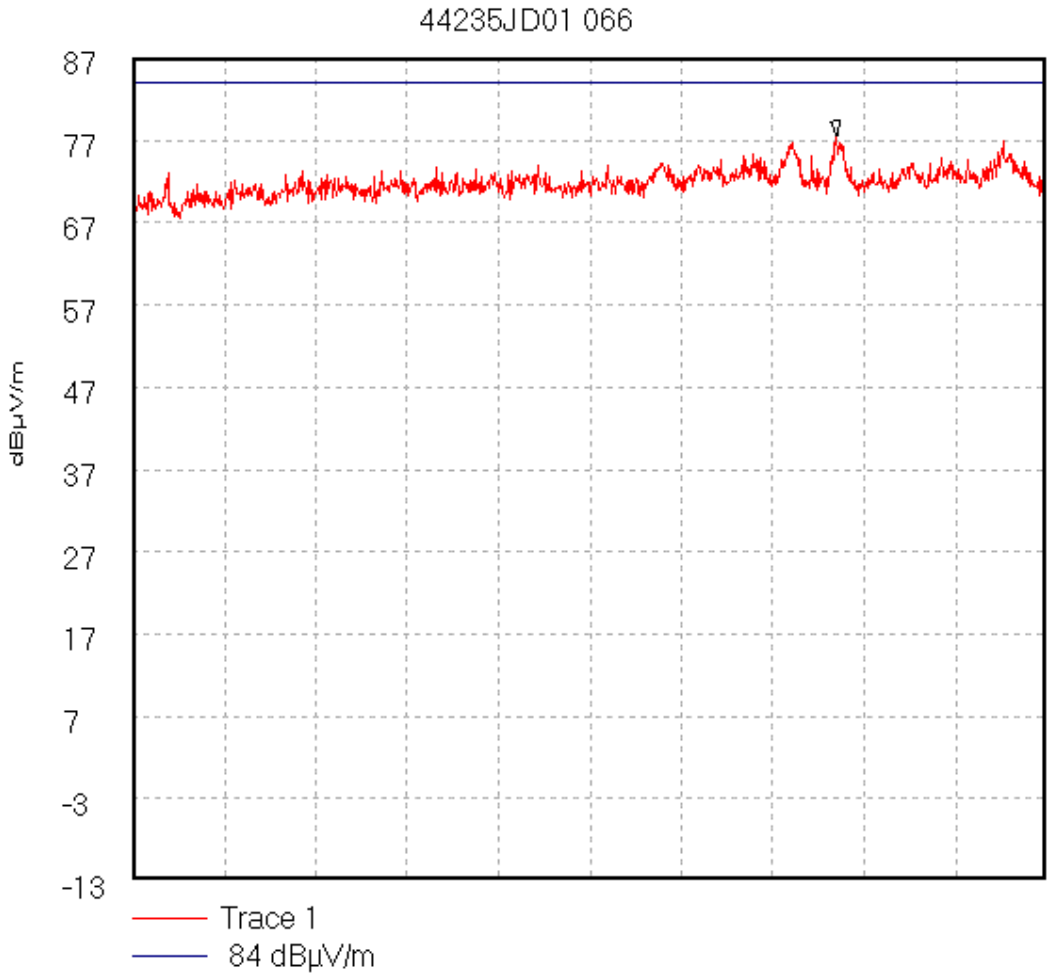
GPH\44235JD01\065
Radiated Emissions. RBS2202 (24Vdc) - 8PSK Mode



Start 12.5 GHz; Stop 18.0 GHz
Ref 87 dBµV/m; Ref Offset 0.0 dB; 10 dB/div
RBW 1000.0 kHz; VBW 3.0 MHz; Att 0 dB; Swp 40.0 mS
Peak 17.224 GHz, 68.24 dBµV/m
Display Line: 84 dBµV/m; ; Limit Test Passed
Transducer Factors: A490
08/01/2003 6:19:14 PM

Test Of: **Ericsson AB.**
KRC131 139/01 sTRU-Edge Transceiver
To: **FCC Part 24: 2001**

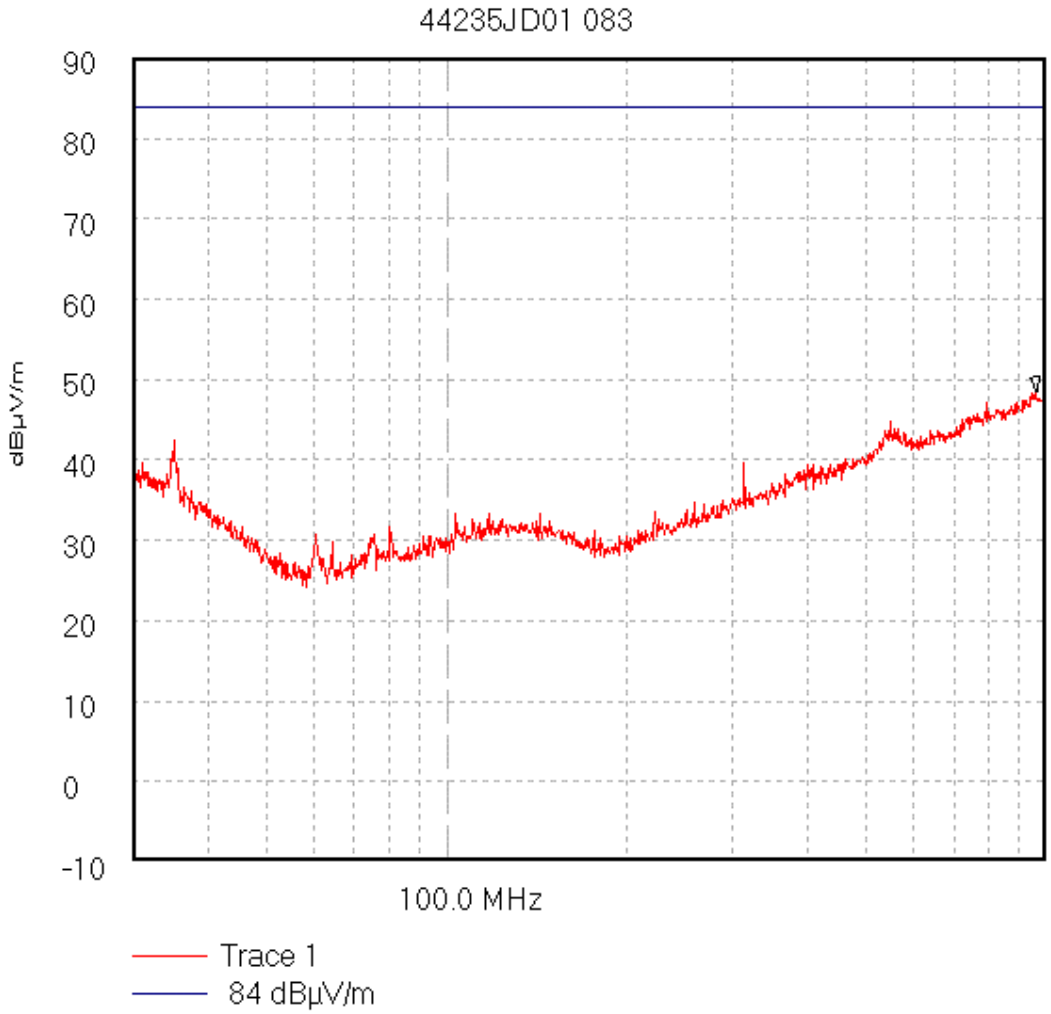
GPH\44235JD01\066
Radiated Emissions. RBS2202 (24Vdc) - 8PSK Mode



Start 18.0 GHz; Stop 26.5 GHz
Ref 87 dBµV/m; Ref Offset 0.0 dB; 10 dB/div
RBW 1000.0 kHz; VBW 3.0 MHz; Att 0 dB; Swp 60.0 mS
Peak 24.545 GHz, 77.53 dBµV/m
Display Line: 84 dBµV/m; ; Limit Test Passed
Transducer Factors: A490
08/01/2003 6:26:19 PM

Test Of: **Ericsson AB.**
KRC131 139/01 sTRU-Edge Transceiver
To: **FCC Part 24: 2001**

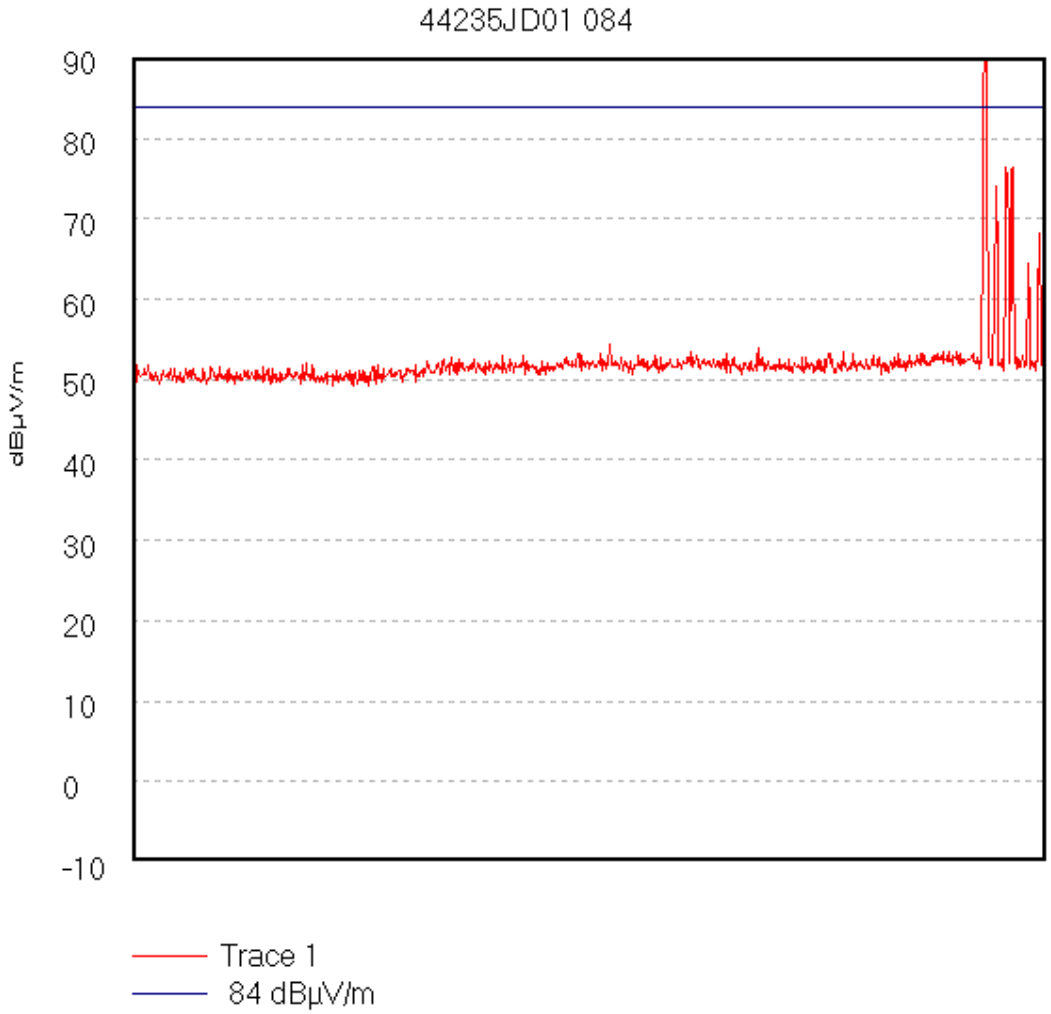
GPH\44235JD01\083
Radiated Emissions. RBS2202 – (-48Vdc) - GMSK TX Mode



Start 30.0 MHz; Stop 1.0 GHz - Log Scale
Ref 90 dBµV/m; Ref Offset 0.0 dB; 10 dB/div
RBW 100.0 kHz; VBW 100.0 kHz; Att 0 dB; Swp 60.0 mS
Peak 958.047 MHz, 48.51 dBµV/m
Display Line: 84 dBµV/m;
09/01/2003 6:45:47 PM

Test Of: **Ericsson AB.**
KRC131 139/01 sTRU-Edge Transceiver
To: **FCC Part 24: 2001**

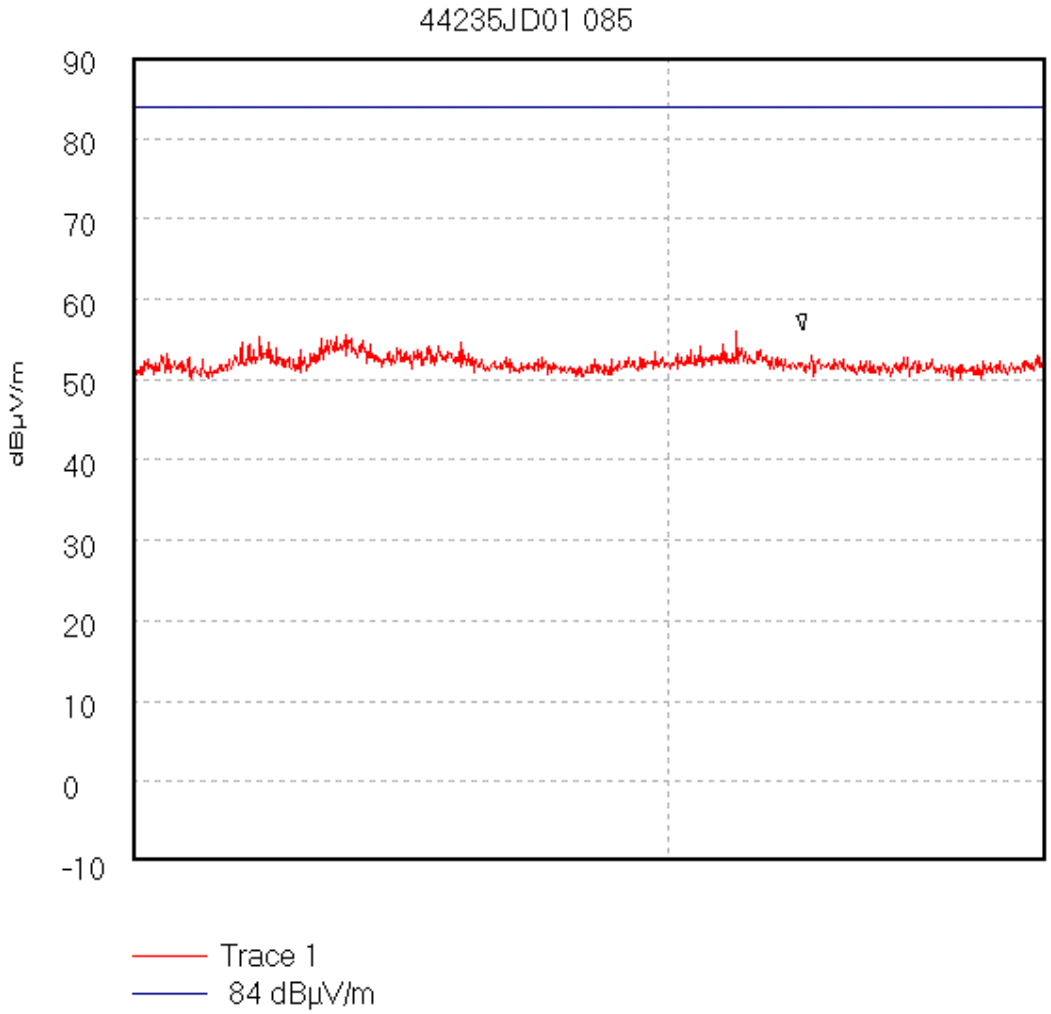
GPH\44235JD01\084
Radiated Emissions. RBS2202 – (-48Vdc) - GMSK TX Mode



Start 1.0 GHz; Stop 2.0 GHz - Log Scale
Ref 90 dBµV/m; Ref Offset 0.0 dB; 10 dB/div
RBW 1.0 MHz; VBW 1.0 MHz; Att 0 dB; Swp 20.0 mS
Peak 1.932 GHz, 93.98 dBµV/m
Display Line: 84 dBµV/m;
09/01/2003 6:54:22 PM

Test Of: **Ericsson AB.**
KRC131 139/01 sTRU-Edge Transceiver
To: **FCC Part 24: 2001**

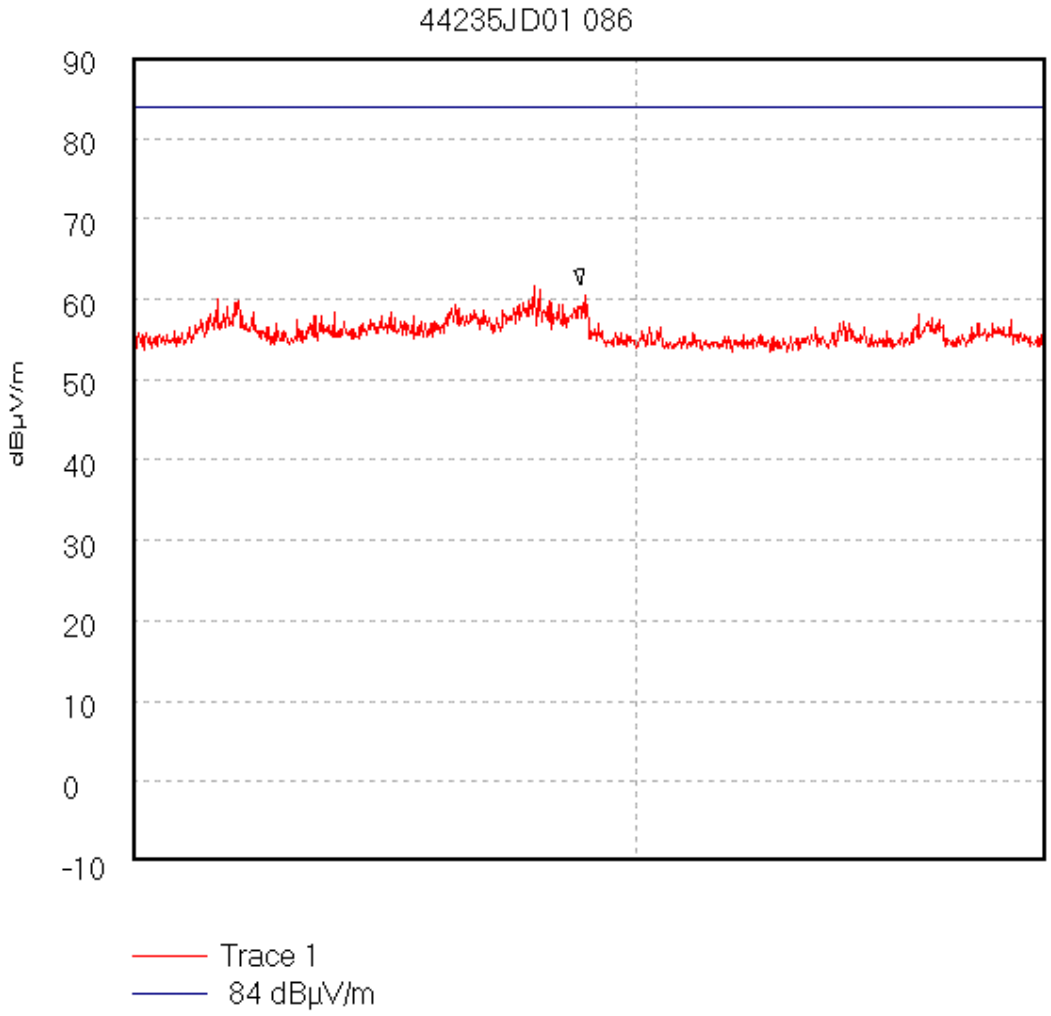
GPH\44235JD01\085
Radiated Emissions. RBS2202 – (-48Vdc) - GMSK TX Mode



Start 2.0 GHz; Stop 4.0 GHz - Log Scale
Ref 90 dBµV/m; Ref Offset 0.0 dB; 10 dB/div
RBW 1.0 MHz; VBW 1.0 MHz; Att 0 dB; Swp 20.0 mS
Peak 3.322 GHz, 56.13 dBµV/m
Display Line: 84 dBµV/m;
09/01/2003 7:01:18 PM

Test Of: **Ericsson AB.**
KRC131 139/01 sTRU-Edge Transceiver
To: **FCC Part 24: 2001**

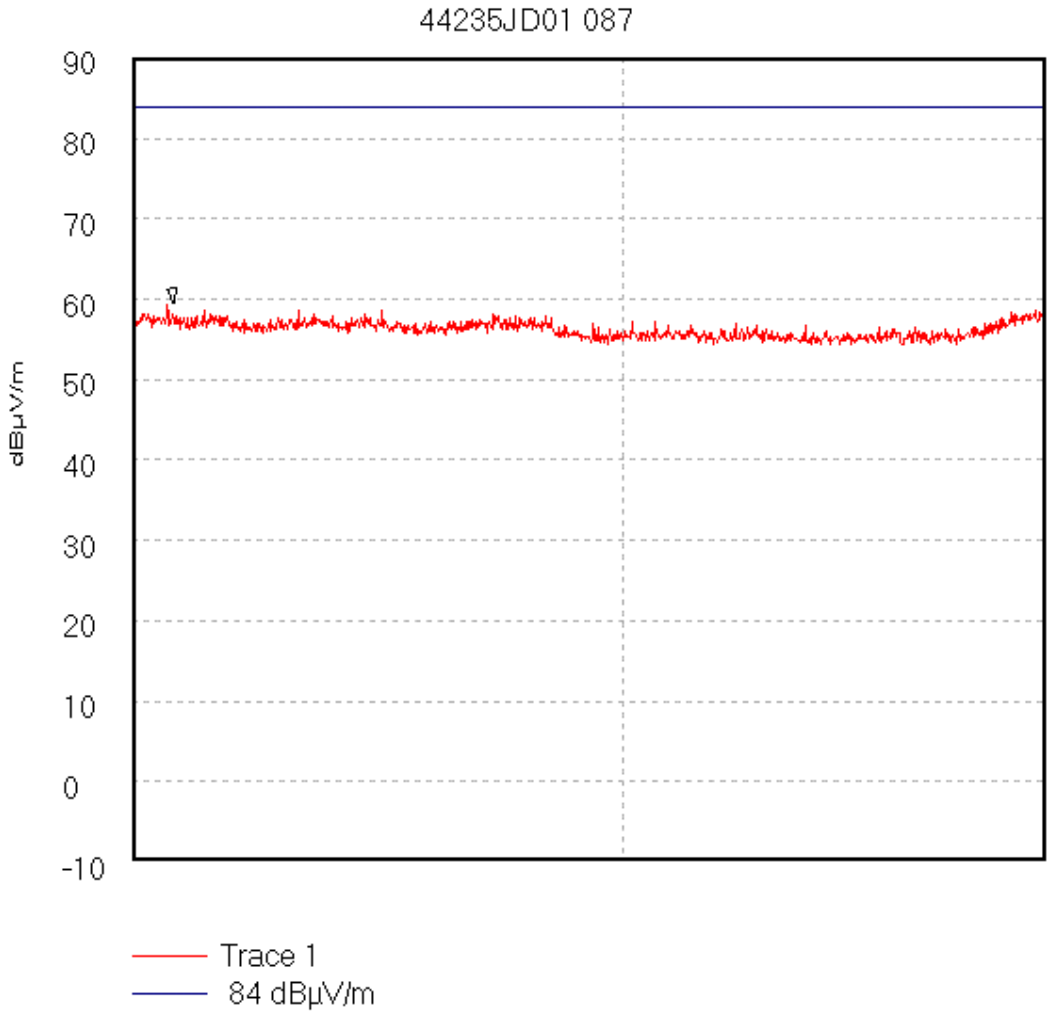
GPH\44235JD01\086
Radiated Emissions. RBS2202 – (-48Vdc) - GMSK TX Mode



Start 4.0 GHz; Stop 6.0 GHz - Log Scale
Ref 90 dBµV/m; Ref Offset 0.0 dB; 10 dB/div
RBW 1.0 MHz; VBW 1.0 MHz; Att 0 dB; Swp 20.0 mS
Peak 4.878 GHz, 61.77 dBµV/m
Display Line: 84 dBµV/m;
09/01/2003 7:06:40 PM

Test Of: **Ericsson AB.**
KRC131 139/01 sTRU-Edge Transceiver
To: **FCC Part 24: 2001**

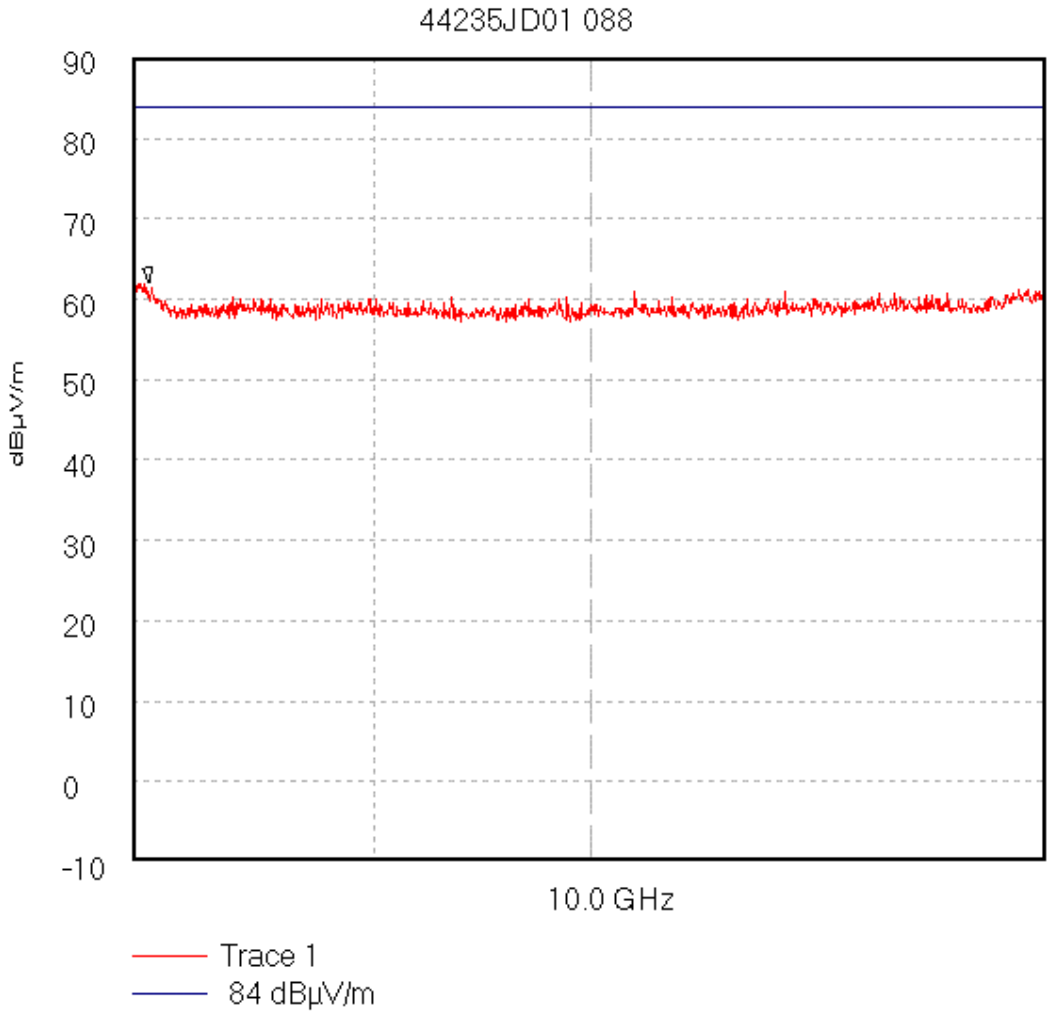
GPH\44235JD01\087
Radiated Emissions. RBS2202 – (-48Vdc) - GMSK TX Mode



Start 6.0 GHz; Stop 8.0 GHz - Log Scale
Ref 90 dBµV/m; Ref Offset 0.0 dB; 10 dB/div
RBW 1.0 MHz; VBW 1.0 MHz; Att 0 dB; Swp 20.0 mS
Peak 6.076 GHz, 59.38 dBµV/m
Display Line: 84 dBµV/m;
09/01/2003 7:14:39 PM

Test Of: **Ericsson AB.**
KRC131 139/01 sTRU-Edge Transceiver
To: **FCC Part 24: 2001**

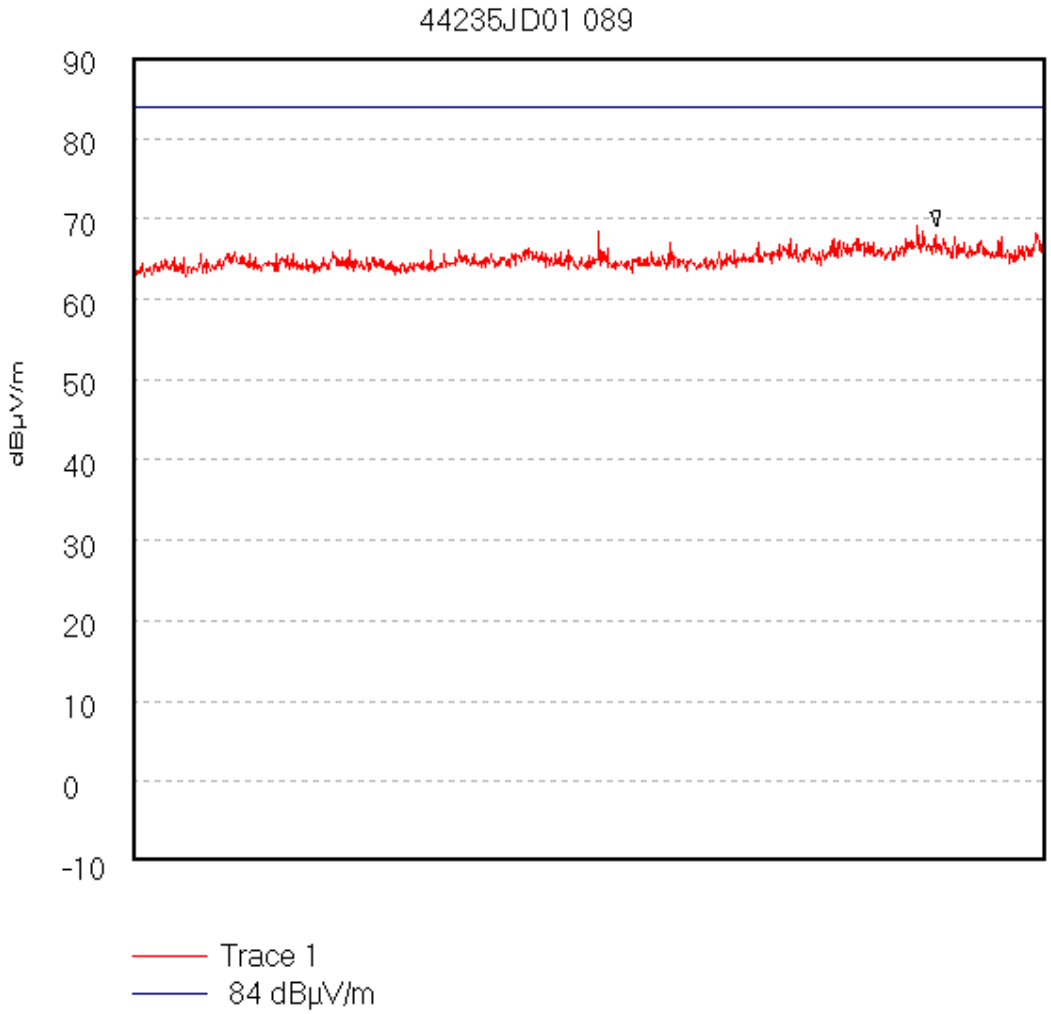
GPH\44235JD01\088
Radiated Emissions. RBS2202 – (-48Vdc) - GMSK TX Mode



Start 8.0 GHz; Stop 12.5 GHz - Log Scale
Ref 90 dBµV/m; Ref Offset 0.0 dB; 10 dB/div
RBW 1.0 MHz; VBW 1.0 MHz; Att 0 dB; Swp 20.0 mS
Peak 8.06 GHz, 61.97 dBµV/m
Display Line: 84 dBµV/m;
09/01/2003 7:20:03 PM

Test Of: **Ericsson AB.**
KRC131 139/01 sTRU-Edge Transceiver
To: **FCC Part 24: 2001**

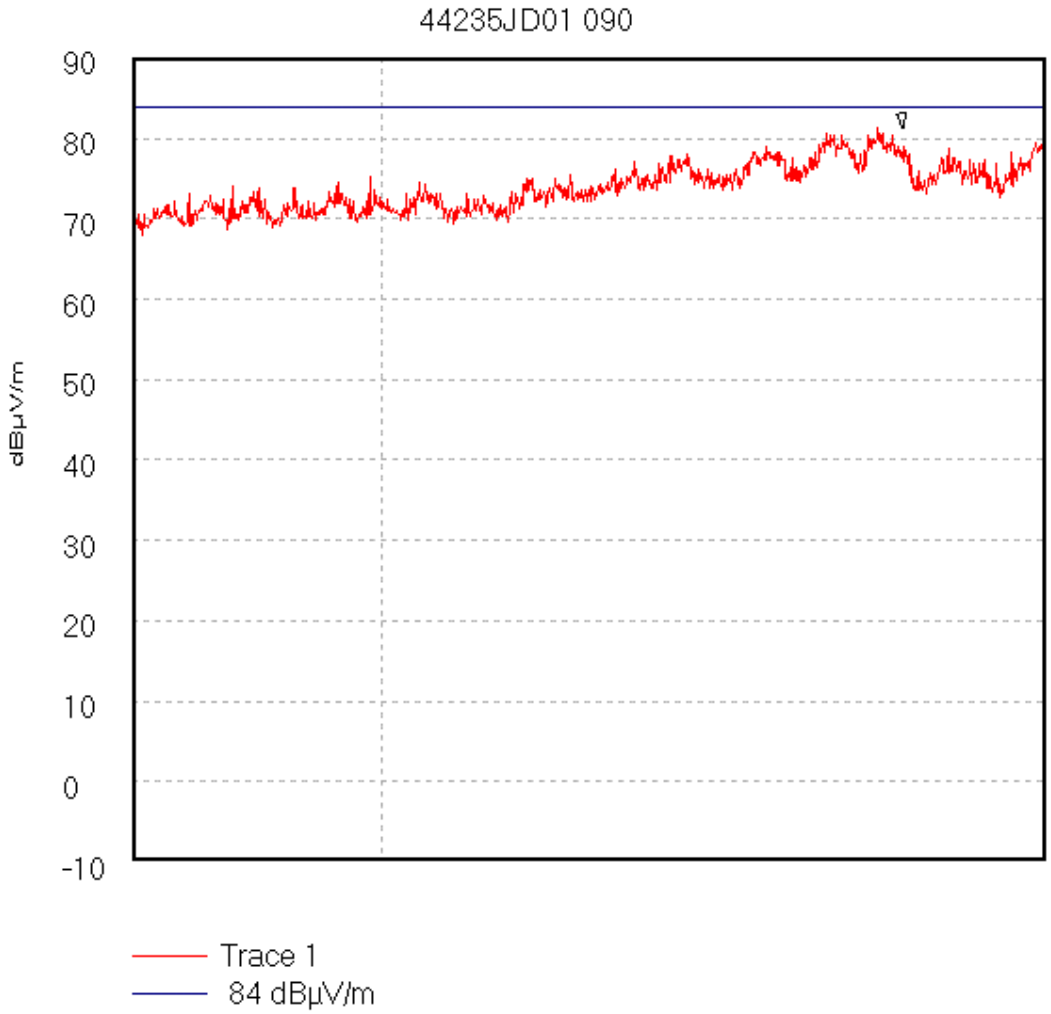
GPH\44235JD01\089
Radiated Emissions. RBS2202 – (-48Vdc) - GMSK TX Mode



Start 12.5 GHz; Stop 18.0 GHz - Log Scale
Ref 90 dBµV/m; Ref Offset 0.0 dB; 10 dB/div
RBW 1.0 MHz; VBW 1.0 MHz; Att 0 dB; Swp 40.0 mS
Peak 17.224 GHz, 69.11 dBµV/m
Display Line: 84 dBµV/m;
09/01/2003 7:25:55 PM

Test Of: **Ericsson AB.**
KRC131 139/01 sTRU-Edge Transceiver
To: **FCC Part 24: 2001**

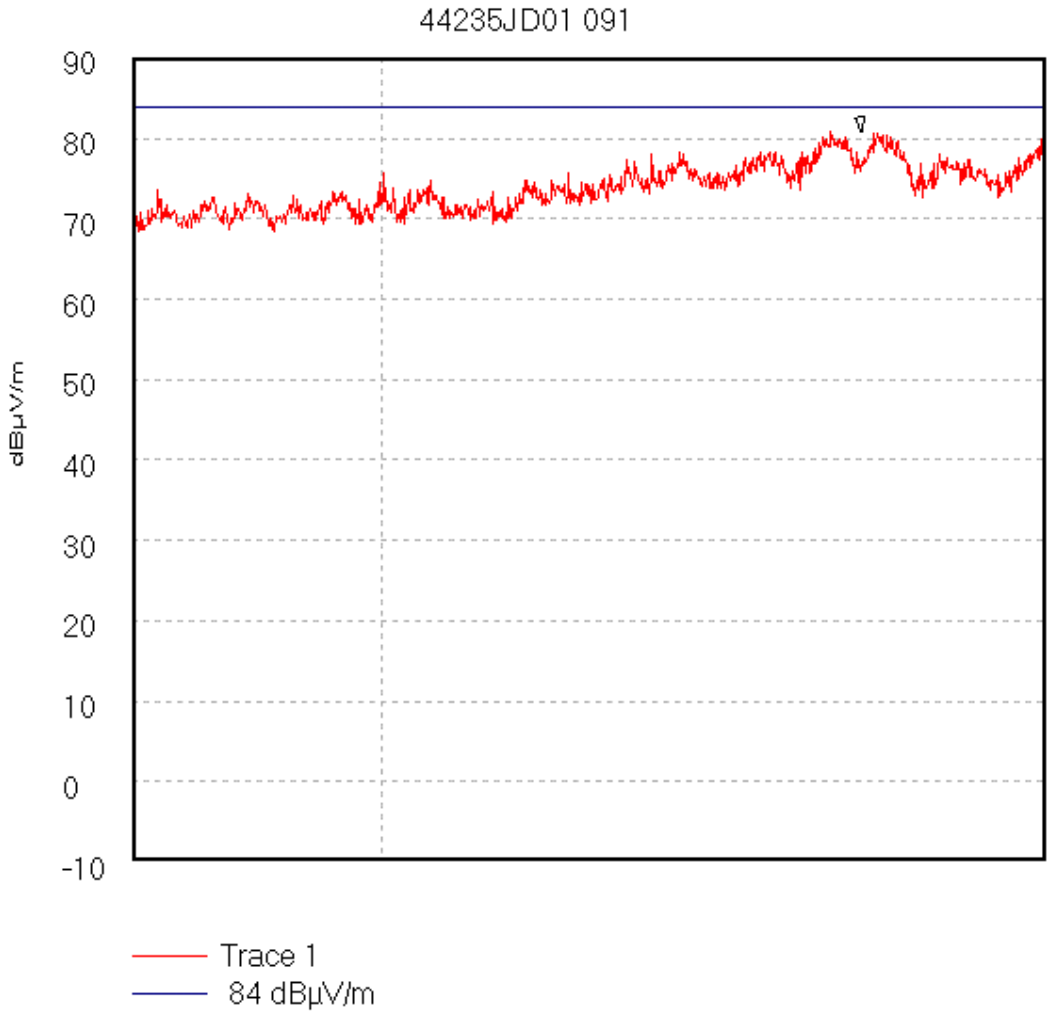
GPH\44235JD01\090
Radiated Emissions. RBS2202 – (-48Vdc) - GMSK TX Mode



Start 18.0 GHz; Stop 26.5 GHz - Log Scale
Ref 90 dBµV/m; Ref Offset 0.0 dB; 10 dB/div
RBW 1.0 MHz; VBW 1.0 MHz; Att 0 dB; Swp 40.0 mS
Peak 24.932 GHz, 81.29 dBµV/m
Display Line: 84 dBµV/m;
09/01/2003 7:32:46 PM

Test Of: **Ericsson AB.**
KRC131 139/01 sTRU-Edge Transceiver
To: **FCC Part 24: 2001**

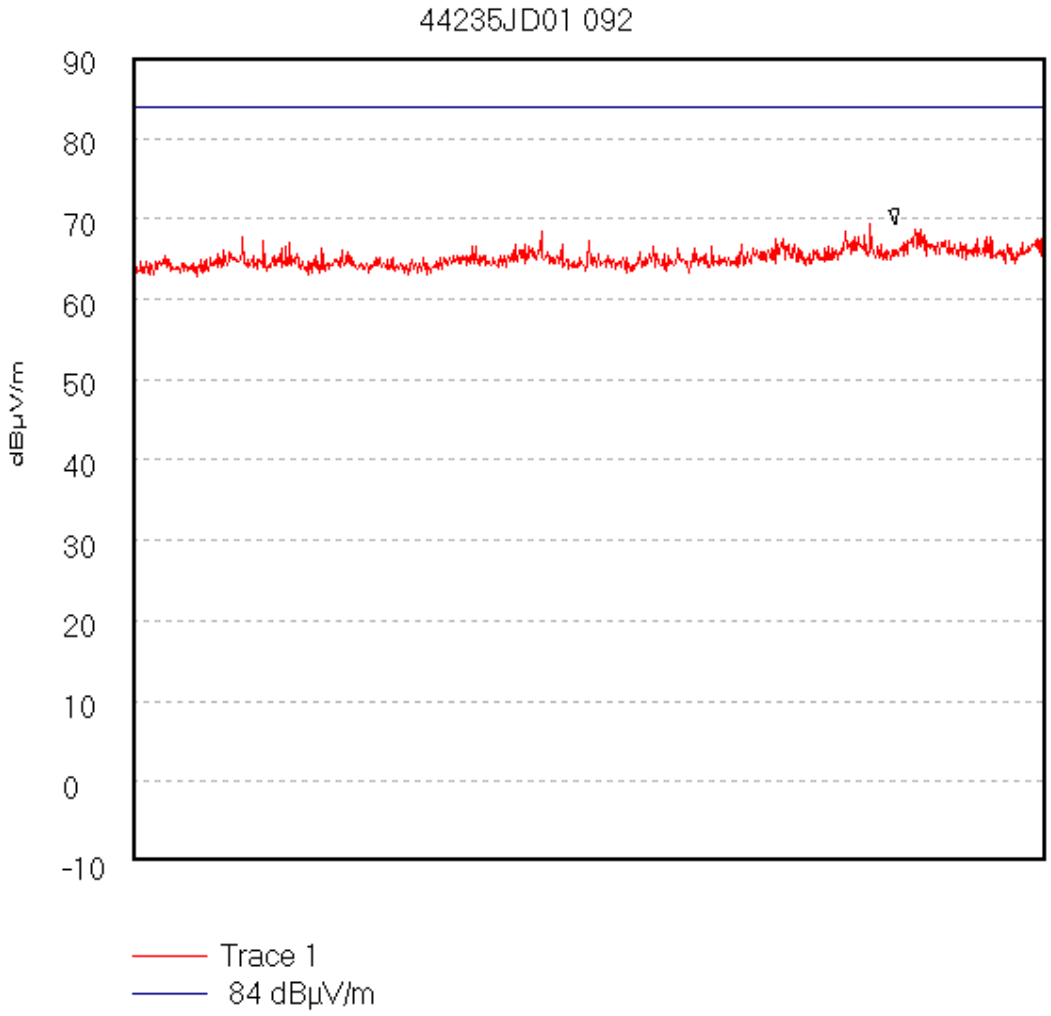
GPH\44235JD01\091
Radiated Emissions. RBS2202 – (-48Vdc) - 8PSK TX Mode



Start 18.0 GHz; Stop 26.5 GHz - Log Scale
Ref 90 dBµV/m; Ref Offset 0.0 dB; 10 dB/div
RBW 1.0 MHz; VBW 1.0 MHz; Att 0 dB; Swp 40.0 mS
Peak 24.498 GHz, 80.79 dBµV/m
Display Line: 84 dBµV/m;
09/01/2003 7:37:55 PM

Test Of: **Ericsson AB.**
KRC131 139/01 sTRU-Edge Transceiver
To: **FCC Part 24: 2001**

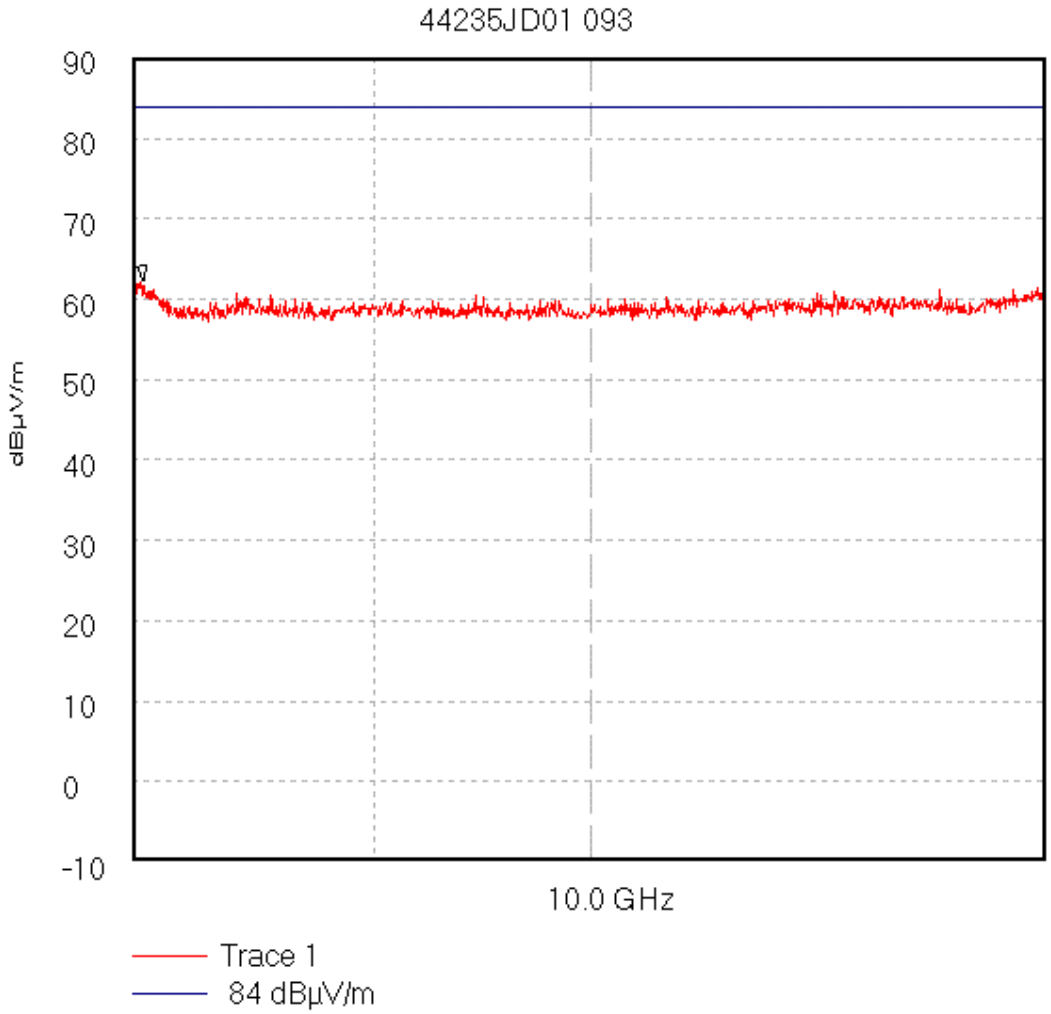
GPH\44235JD01\092
Radiated Emissions. RBS2202 – (-48Vdc) - 8PSK TX Mode



Start 12.5 GHz; Stop 18.0 GHz - Log Scale
Ref 90 dBµV/m; Ref Offset 0.0 dB; 10 dB/div
RBW 1.0 MHz; VBW 1.0 MHz; Att 0 dB; Swp 40.0 mS
Peak 16.943 GHz, 69.28 dBµV/m
Display Line: 84 dBµV/m;
09/01/2003 7:43:45 PM

Test Of: **Ericsson AB.**
KRC131 139/01 sTRU-Edge Transceiver
To: **FCC Part 24: 2001**

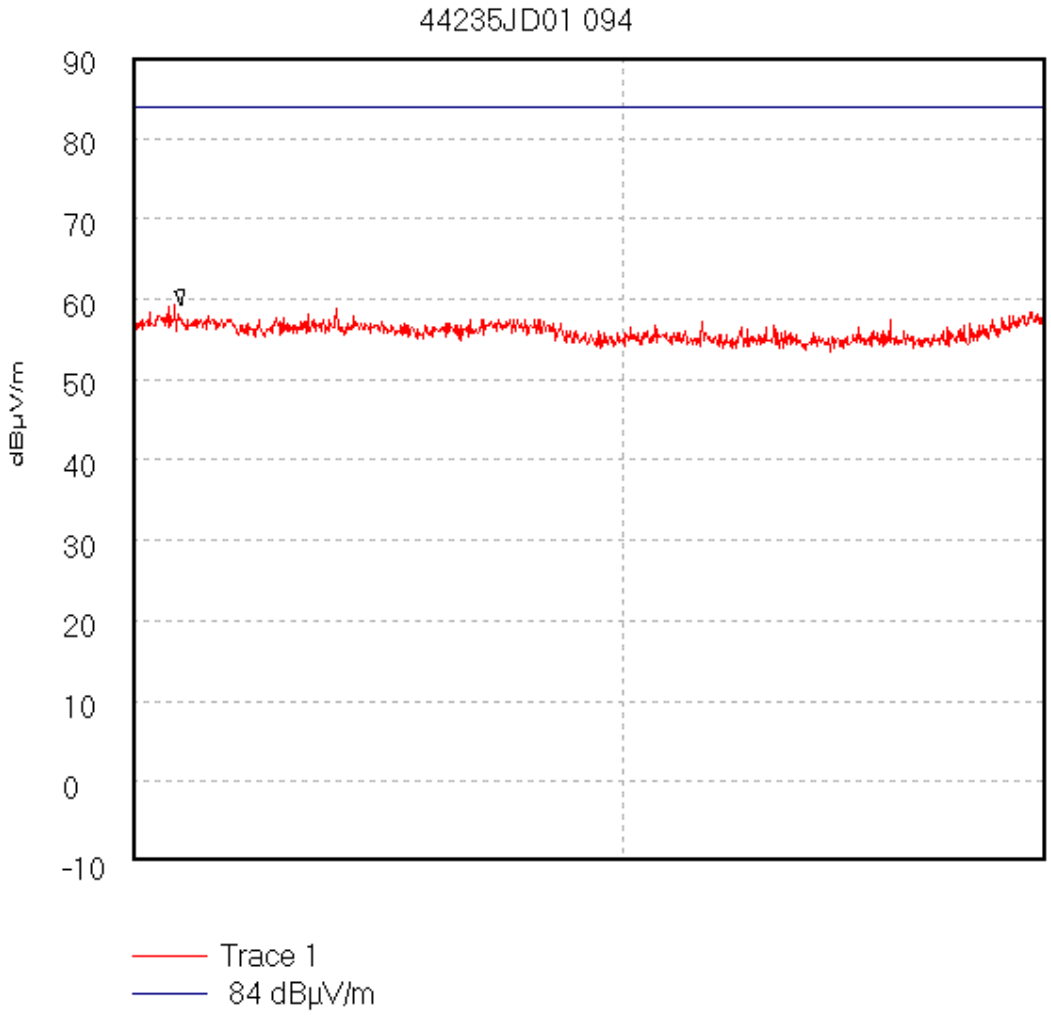
GPH\44235JD01\093
Radiated Emissions. RBS2202 – (-48Vdc) - 8PSK TX Mode



Start 8.0 GHz; Stop 12.5 GHz - Log Scale
Ref 90 dBµV/m; Ref Offset 0.0 dB; 10 dB/div
RBW 1.0 MHz; VBW 1.0 MHz; Att 0 dB; Swp 20.0 mS
Peak 8.04 GHz, 62.22 dBµV/m
Display Line: 84 dBµV/m;
09/01/2003 7:49:18 PM

Test Of: **Ericsson AB.**
KRC131 139/01 sTRU-Edge Transceiver
To: **FCC Part 24: 2001**

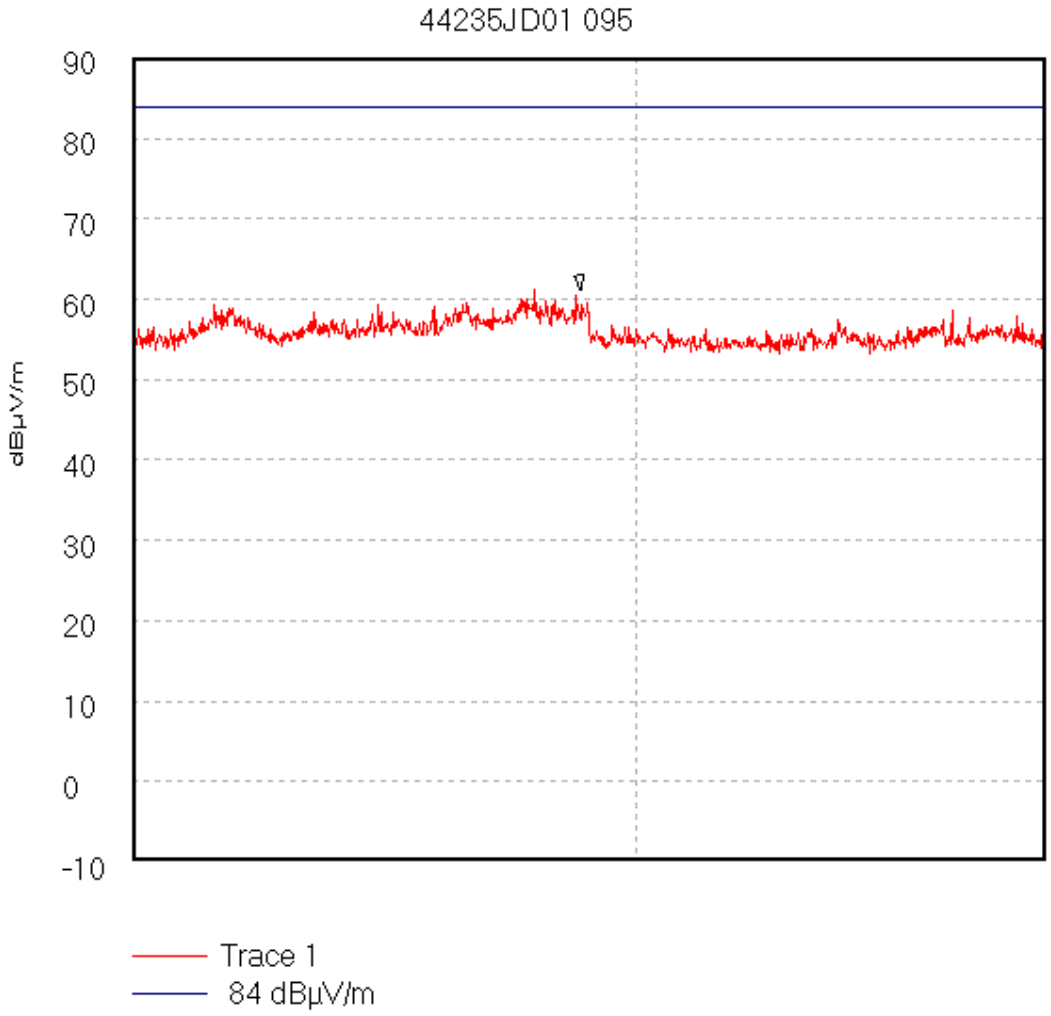
GPH\44235JD01\094
Radiated Emissions. RBS2202 – (-48Vdc) - 8PSK TX Mode



Start 6.0 GHz; Stop 8.0 GHz - Log Scale
Ref 90 dBµV/m; Ref Offset 0.0 dB; 10 dB/div
RBW 1.0 MHz; VBW 1.0 MHz; Att 0 dB; Swp 20.0 mS
Peak 6.091 GHz, 59.23 dBµV/m
Display Line: 84 dBµV/m;
09/01/2003 7:54:28 PM

Test Of: **Ericsson AB.**
KRC131 139/01 sTRU-Edge Transceiver
To: **FCC Part 24: 2001**

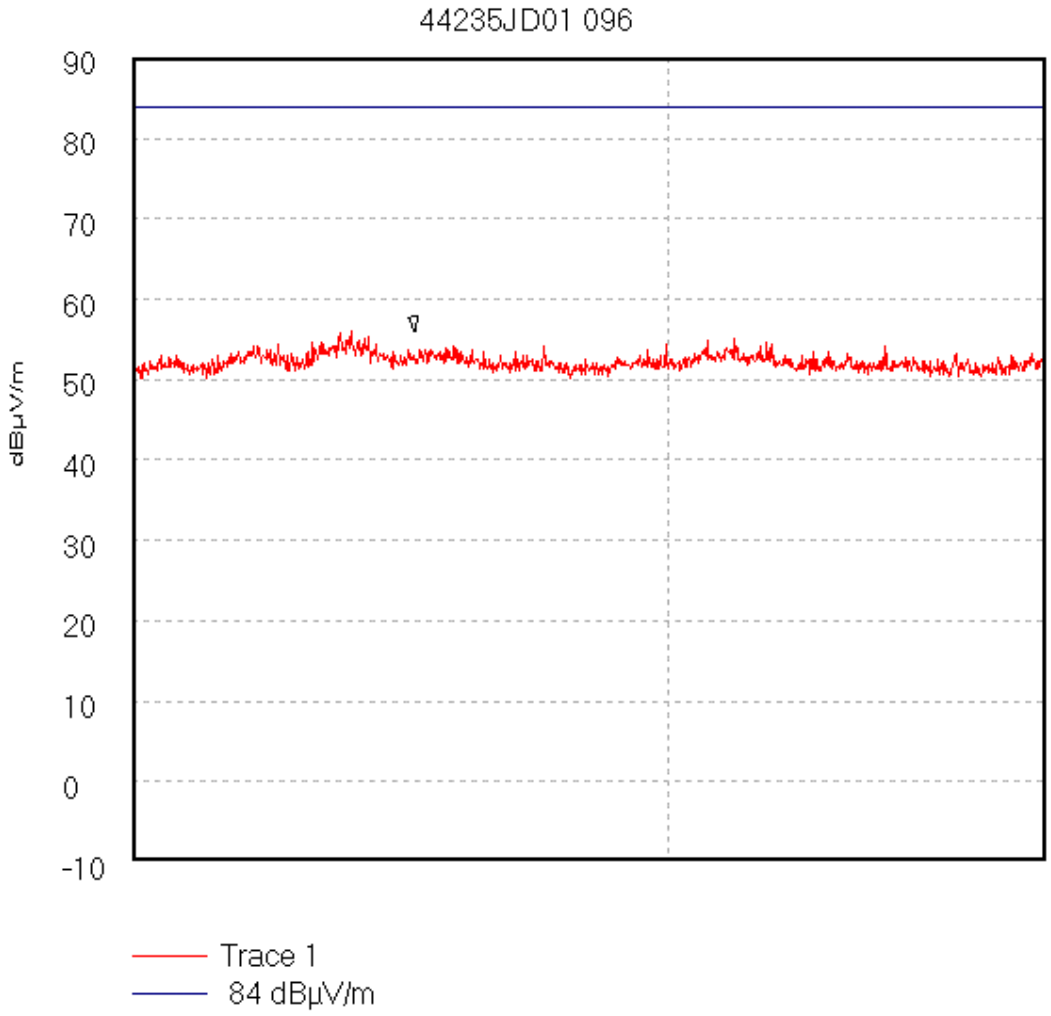
GPH\44235JD01\095
Radiated Emissions. RBS2202 – (-48Vdc) - 8PSK TX Mode



Start 4.0 GHz; Stop 6.0 GHz - Log Scale
Ref 90 dBµV/m; Ref Offset 0.0 dB; 10 dB/div
RBW 1.0 MHz; VBW 1.0 MHz; Att 0 dB; Swp 20.0 mS
Peak 4.88 GHz, 61.18 dBµV/m
Display Line: 84 dBµV/m;
09/01/2003 8:00:16 PM

Test Of: **Ericsson AB.**
KRC131 139/01 sTRU-Edge Transceiver
To: **FCC Part 24: 2001**

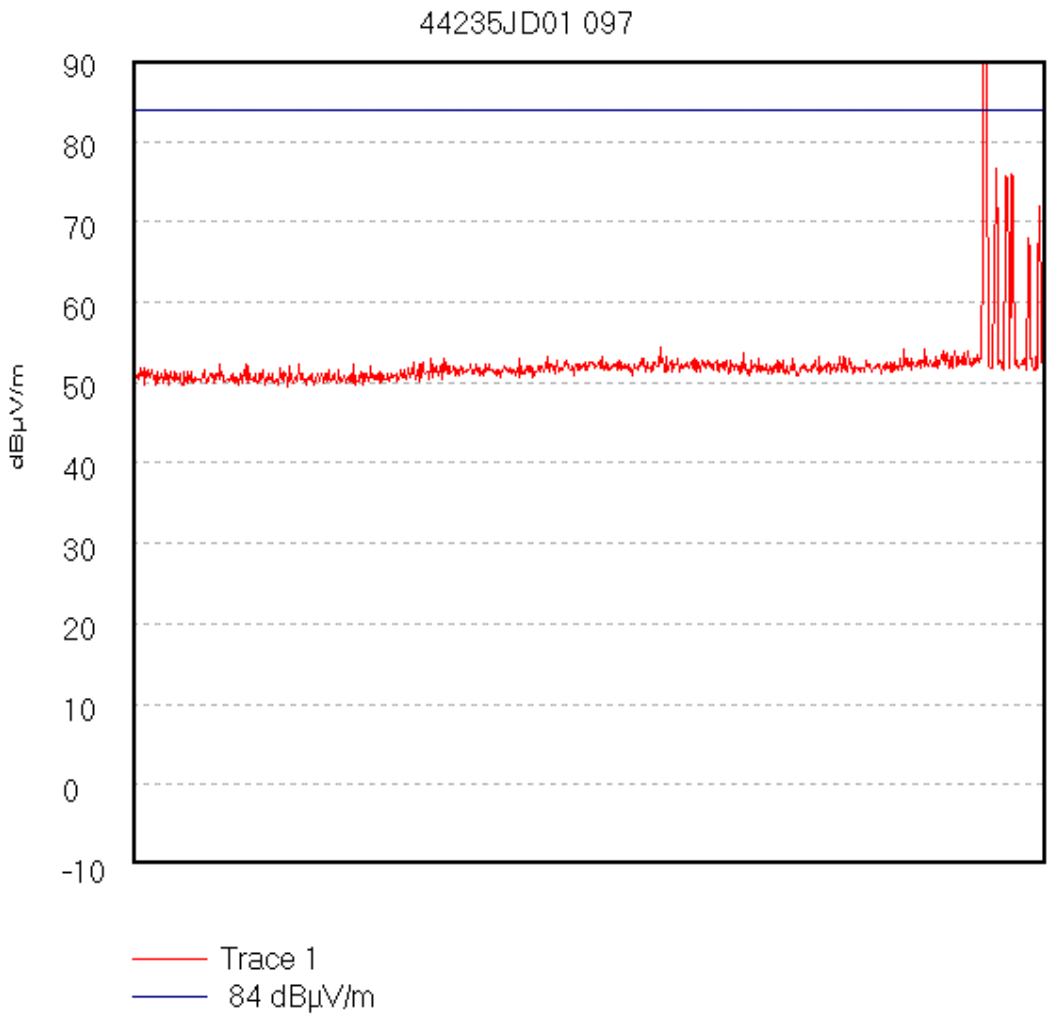
GPH\44235JD01\096
Radiated Emissions. RBS2202 – (-48Vdc) - 8PSK TX Mode



Start 2.0 GHz; Stop 4.0 GHz - Log Scale
Ref 90 dBµV/m; Ref Offset 0.0 dB; 10 dB/div
RBW 1.0 MHz; VBW 1.0 MHz; Att 0 dB; Swp 20.0 mS
Peak 2.478 GHz, 55.98 dBµV/m
Display Line: 84 dBµV/m;
09/01/2003 8:05:59 PM

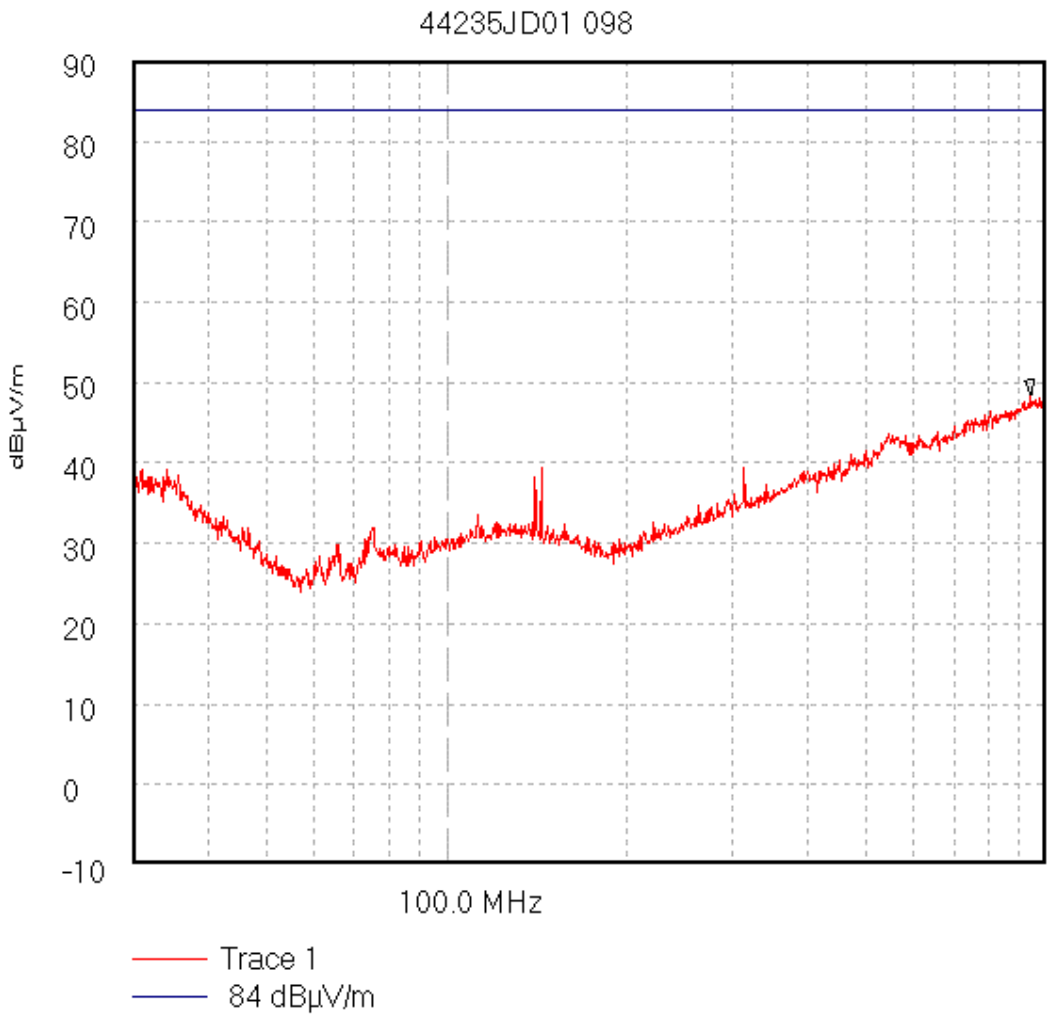
Test Of: **Ericsson AB.**
KRC131 139/01 sTRU-Edge Transceiver
To: **FCC Part 24: 2001**

GPH\44235JD01\097
Radiated Emissions. RBS2202 – (-48Vdc) - 8PSK TX Mode



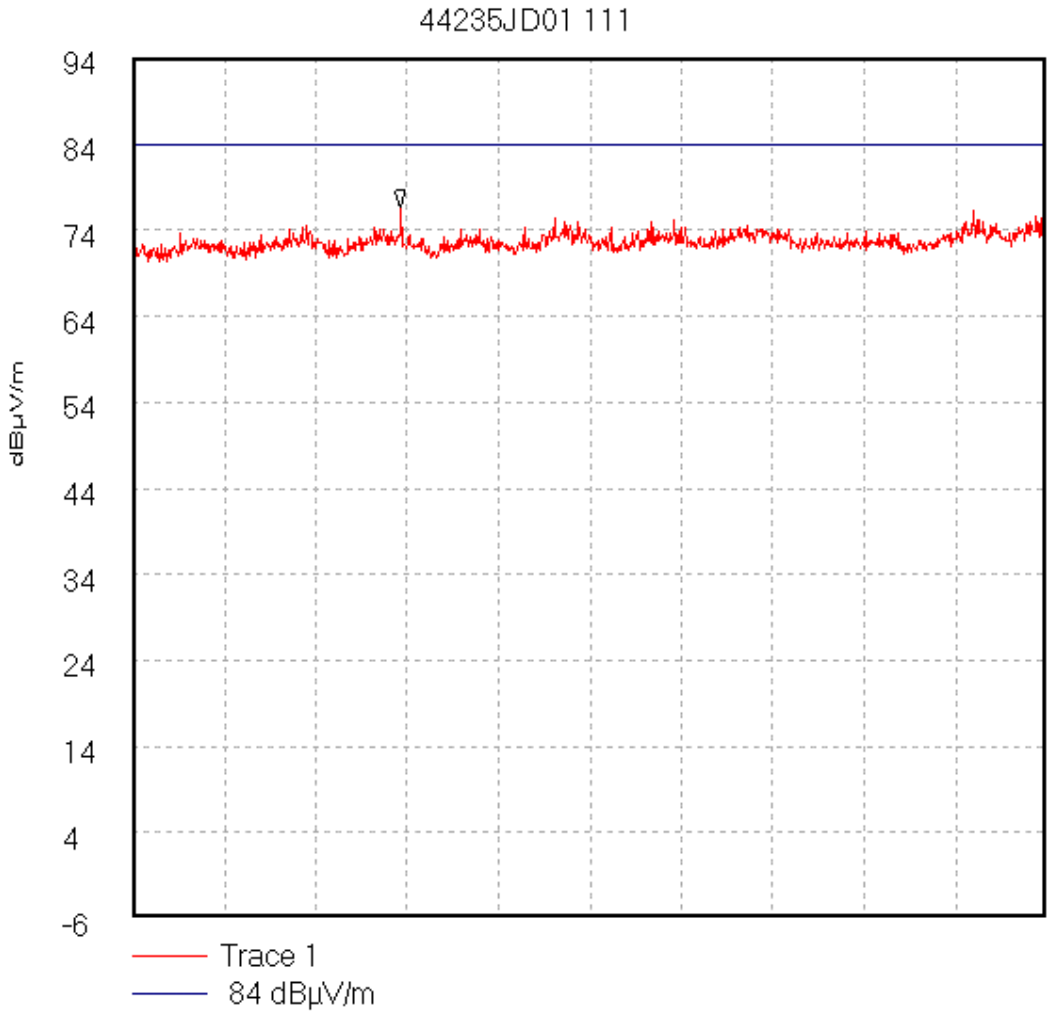
Start 1.0 GHz; Stop 2.0 GHz - Log Scale
Ref 90 dBµV/m; Ref Offset 0.0 dB; 10 dB/div
RBW 1.0 MHz; VBW 1.0 MHz; Att 0 dB; Swp 20.0 mS
Peak 1.932 GHz, 93.98 dBµV/m
Display Line: 84 dBµV/m;
09/01/2003 8:10:48 PM

GPH\44235JD01\098
Radiated Emissions. RBS2202 – (-48Vdc) - 8PSK TX Mode



Start 30.0 MHz; Stop 1.0 GHz - Log Scale
Ref 90 dBµV/m; Ref Offset 0.0 dB; 10 dB/div
RBW 100.0 kHz; VBW 100.0 kHz; Att 0 dB; Swp 60.0 mS
Peak 943.232 MHz, 48.38 dBµV/m
Display Line: 84 dBµV/m;
09/01/2003 8:18:51 PM

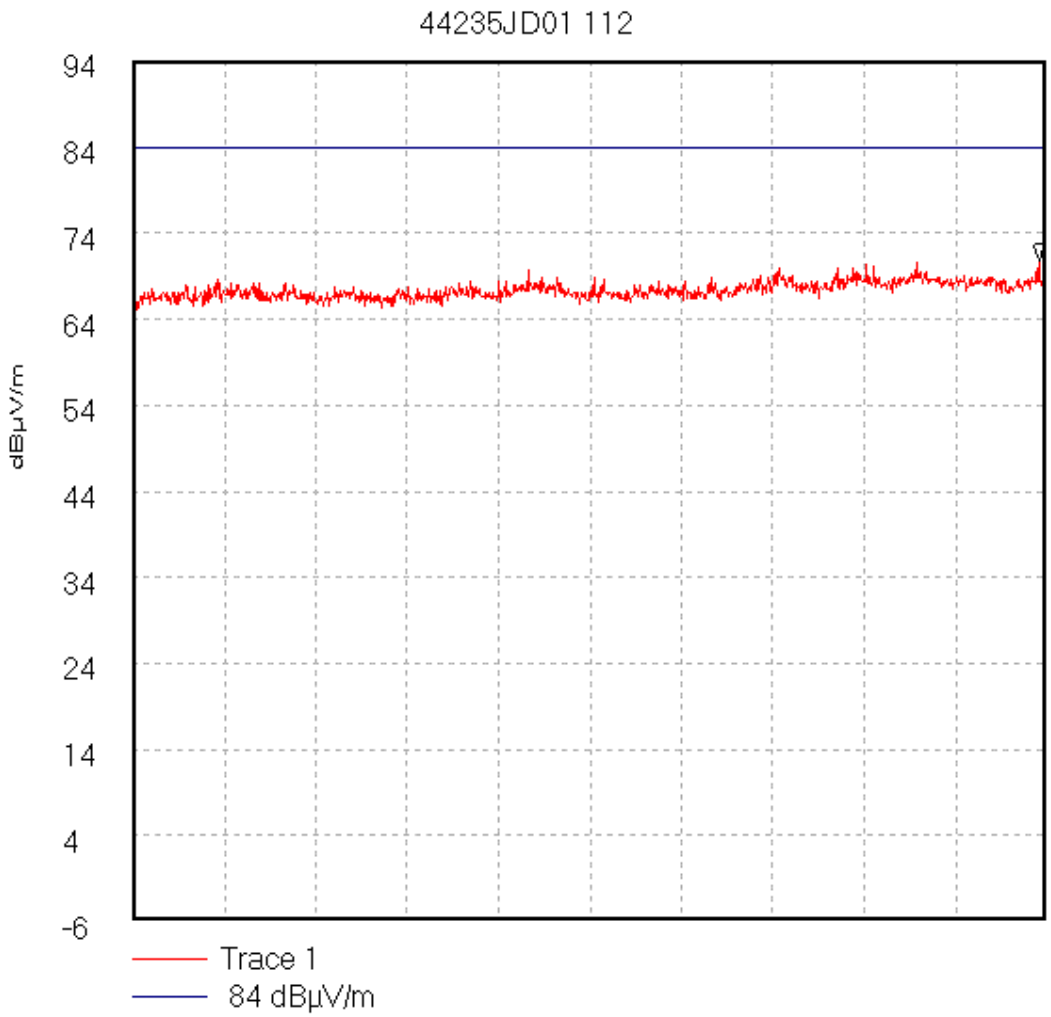
GPH\44235JD01\111
Radiated Emissions. RBS2102 (208V 60Hz) - GMSK TX Mode



Start 18.0 GHz; Stop 22.0 GHz
Ref 94 dBµV/m; Ref Offset 0.0 dB; 10 dB/div
RBW 1.0 MHz; VBW 1.0 MHz; Att 0 dB; Swp 20.0 mS
Peak 19.173 GHz, 76.61 dBµV/m
Display Line: 84 dBµV/m;
10/01/2003 2:48:44 PM

Test Of: **Ericsson AB.**
KRC131 139/01 sTRU-Edge Transceiver
To: **FCC Part 24: 2001**

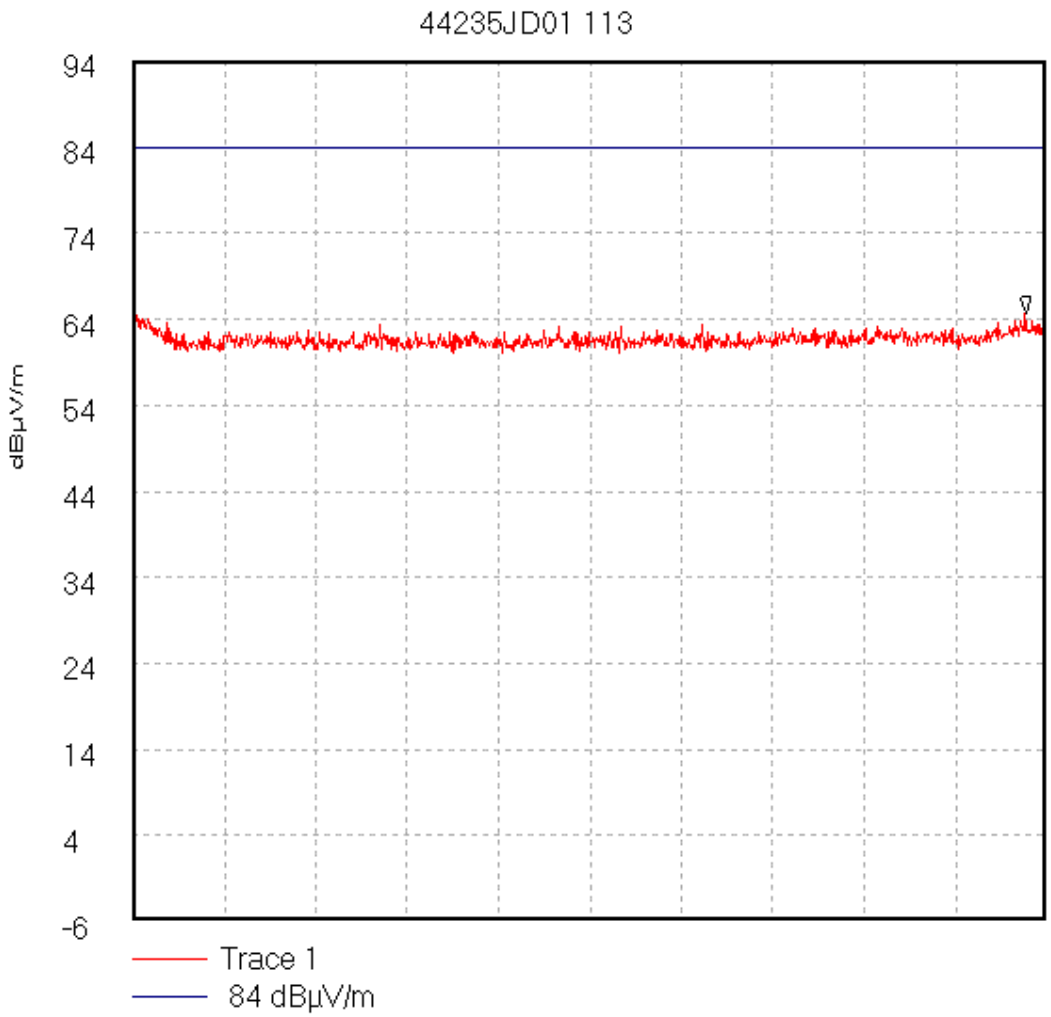
GPH\44235JD01\112
Radiated Emissions. RBS2102 (208V 60Hz) - GMSK TX Mode



Start 12.5 GHz; Stop 18.0 GHz
Ref 94 dBµV/m; Ref Offset 0.0 dB; 10 dB/div
RBW 1.0 MHz; VBW 1.0 MHz; Att 0 dB; Swp 40.0 mS
Peak 17.957 GHz, 70.87 dBµV/m
Display Line: 84 dBµV/m;
10/01/2003 2:55:09 PM

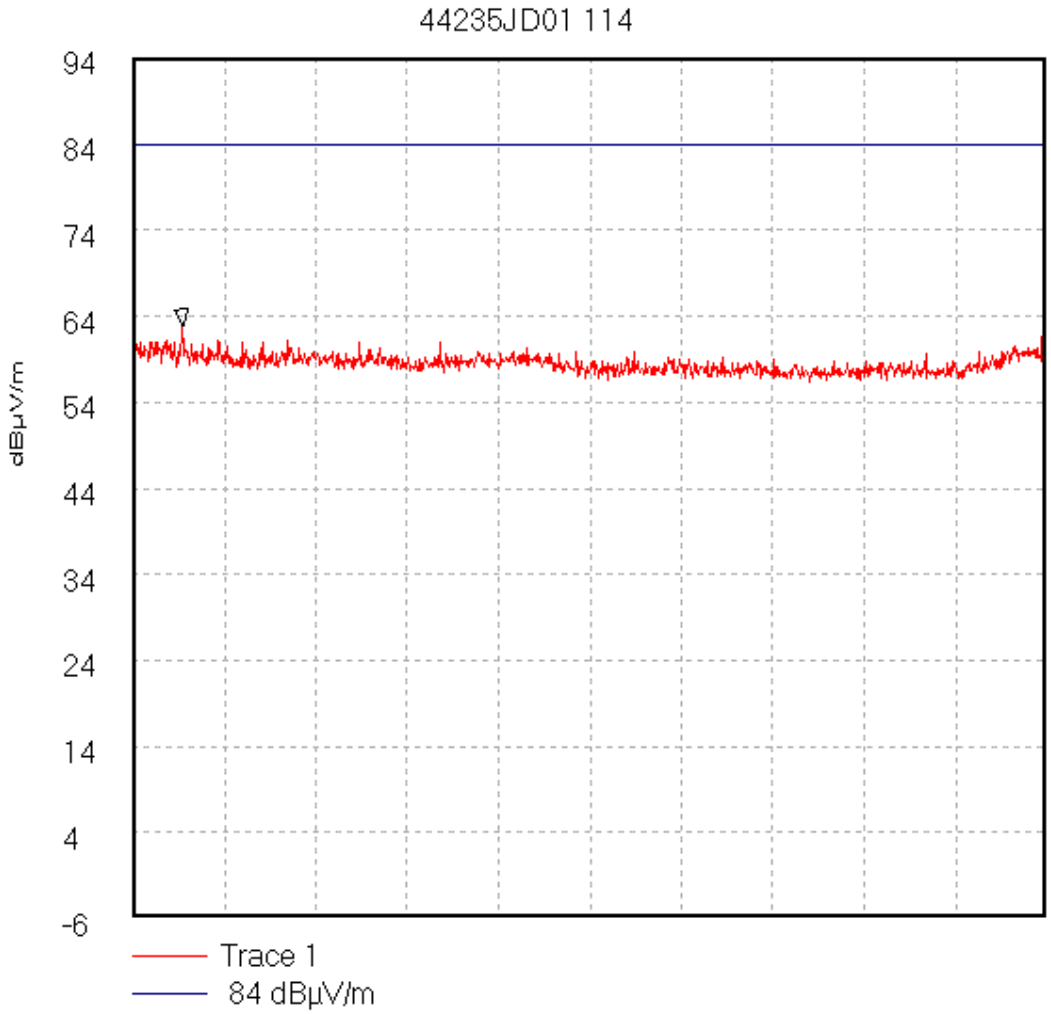
Test Of: **Ericsson AB.**
KRC131 139/01 sTRU-Edge Transceiver
To: **FCC Part 24: 2001**

GPH\44235JD01\113
Radiated Emissions. RBS2102 (208V 60Hz) - GMSK TX Mode



Start 8.0 GHz; Stop 12.5 GHz
Ref 94 dBµV/m; Ref Offset 0.0 dB; 10 dB/div
RBW 1.0 MHz; VBW 1.0 MHz; Att 0 dB; Swp 20.0 mS
Peak 12.395 GHz, 64.75 dBµV/m
Display Line: 84 dBµV/m;
10/01/2003 3:00:32 PM

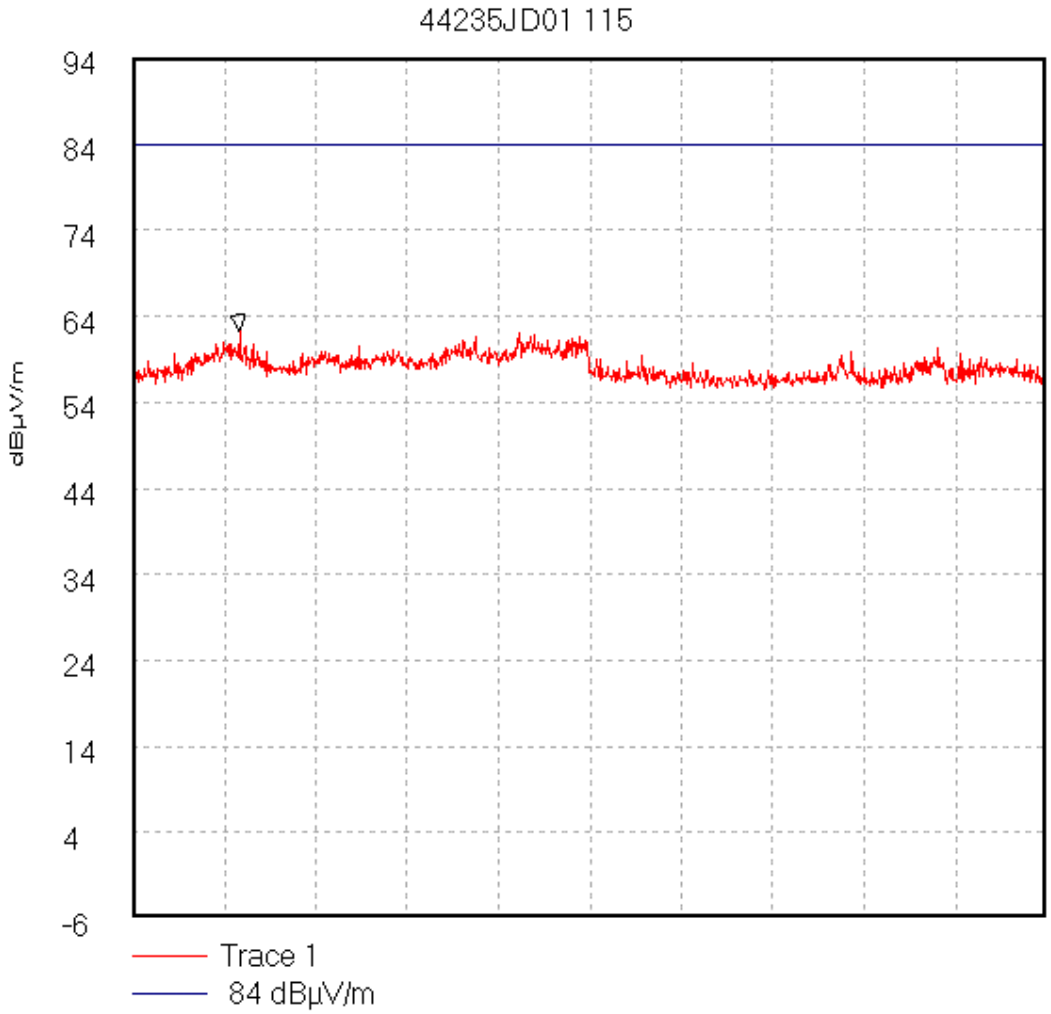
GPH\44235JD01\114
Radiated Emissions. RBS2102 (208V 60Hz) - GMSK TX Mode



Start 6.0 GHz; Stop 8.0 GHz
Ref 94 dBµV/m; Ref Offset 0.0 dB; 10 dB/div
RBW 1.0 MHz; VBW 1.0 MHz; Att 0 dB; Swp 20.0 mS
Peak 6.109 GHz, 62.82 dBµV/m
Display Line: 84 dBµV/m;
10/01/2003 3:24:54 PM

Test Of: **Ericsson AB.**
KRC131 139/01 sTRU-Edge Transceiver
To: **FCC Part 24: 2001**

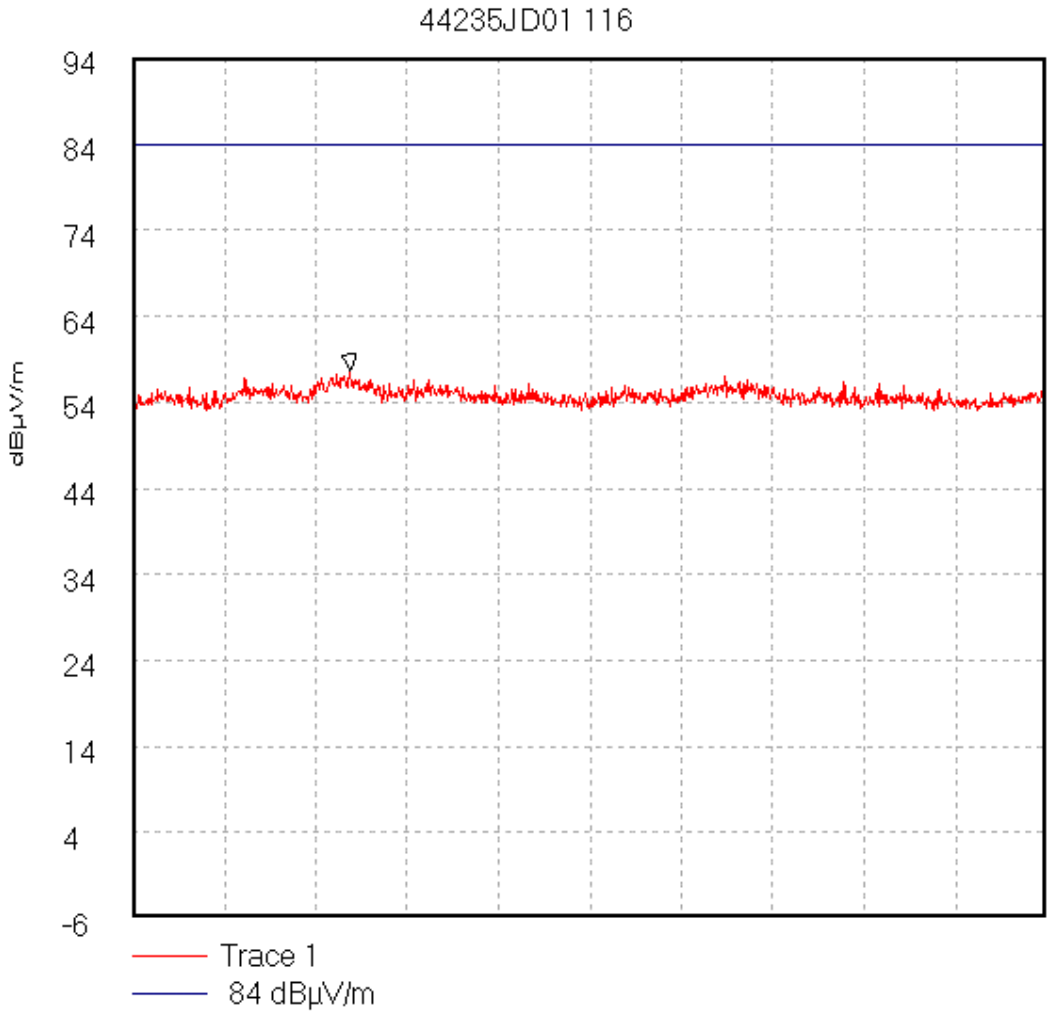
GPH\44235JD01\115
Radiated Emissions. RBS2102 (208V 60Hz) - GMSK TX Mode



Start 4.0 GHz; Stop 6.0 GHz
Ref 94 dBµV/m; Ref Offset 0.0 dB; 10 dB/div
RBW 1.0 MHz; VBW 1.0 MHz; Att 0 dB; Swp 20.0 mS
Peak 4.233 GHz, 62.24 dBµV/m
Display Line: 84 dBµV/m;
10/01/2003 3:30:59 PM

Test Of: **Ericsson AB.**
KRC131 139/01 sTRU-Edge Transceiver
To: **FCC Part 24: 2001**

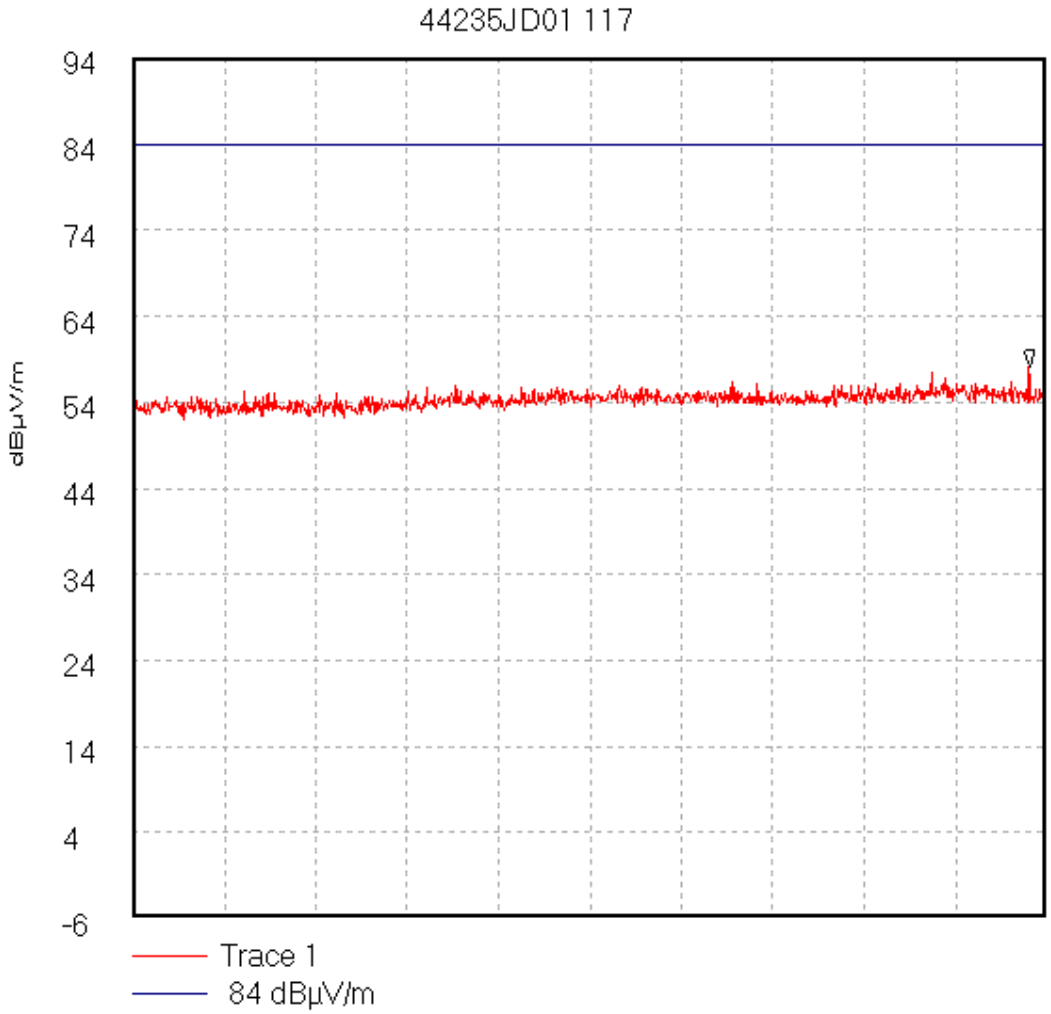
GPH\44235JD01\116
Radiated Emissions. RBS2102 (208V 60Hz) - GMSK TX Mode



Start 2.0 GHz; Stop 4.0 GHz
Ref 94 dBµV/m; Ref Offset 0.0 dB; 10 dB/div
RBW 1.0 MHz; VBW 1.0 MHz; Att 0 dB; Swp 20.0 mS
Peak 2.476 GHz, 57.72 dBµV/m
Display Line: 84 dBµV/m;
10/01/2003 3:36:36 PM

Test Of: **Ericsson AB.**
KRC131 139/01 sTRU-Edge Transceiver
To: **FCC Part 24: 2001**

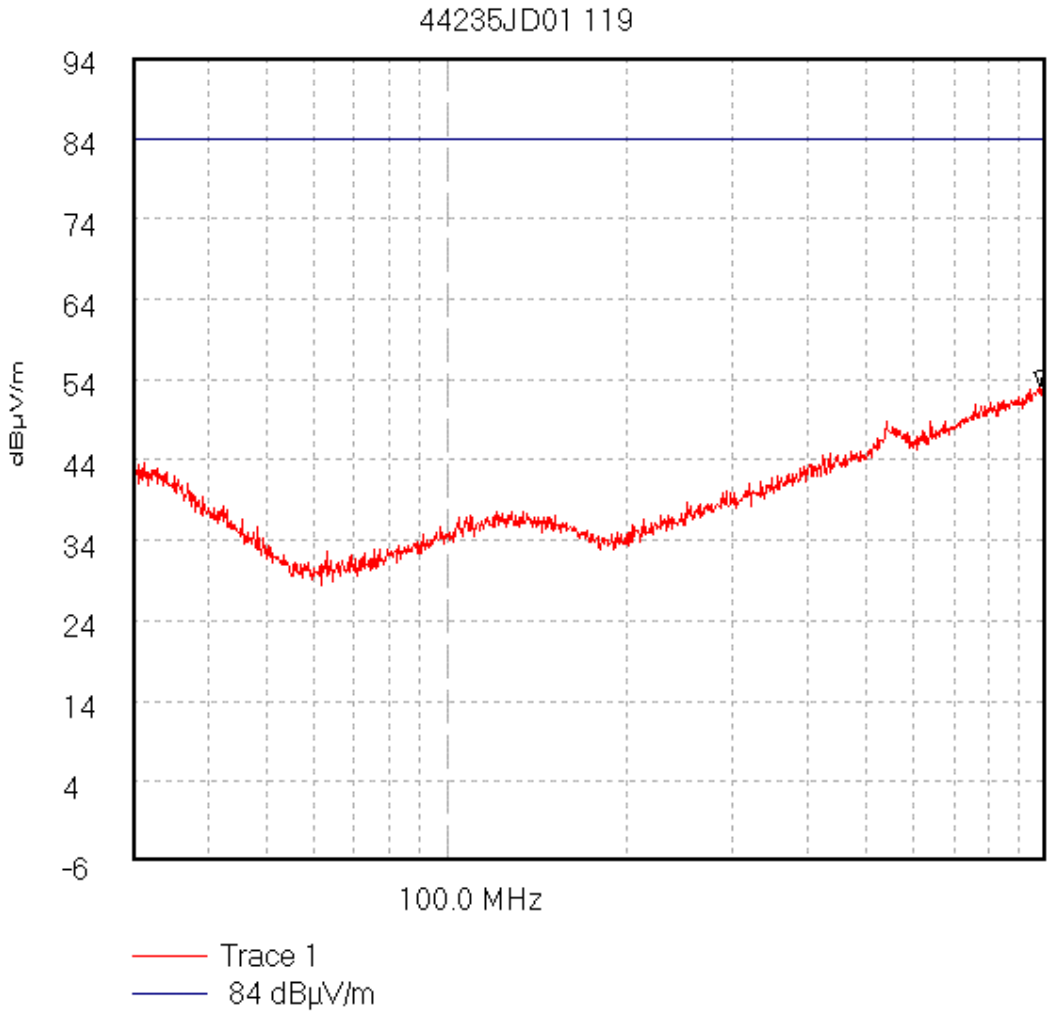
GPH\44235JD01\117
Radiated Emissions. RBS2102 (208V 60Hz) - GMSK TX Mode



Start 1.0 GHz; Stop 2.0 GHz
Ref 94 dBµV/m; Ref Offset 0.0 dB; 10 dB/div
RBW 1.0 MHz; VBW 1.0 MHz; Att 0 dB; Swp 20.0 mS
Peak 1.981 GHz, 58.17 dBµV/m
Display Line: 84 dBµV/m;
10/01/2003 3:44:02 PM

Test Of: **Ericsson AB.**
KRC131 139/01 sTRU-Edge Transceiver
To: **FCC Part 24: 2001**

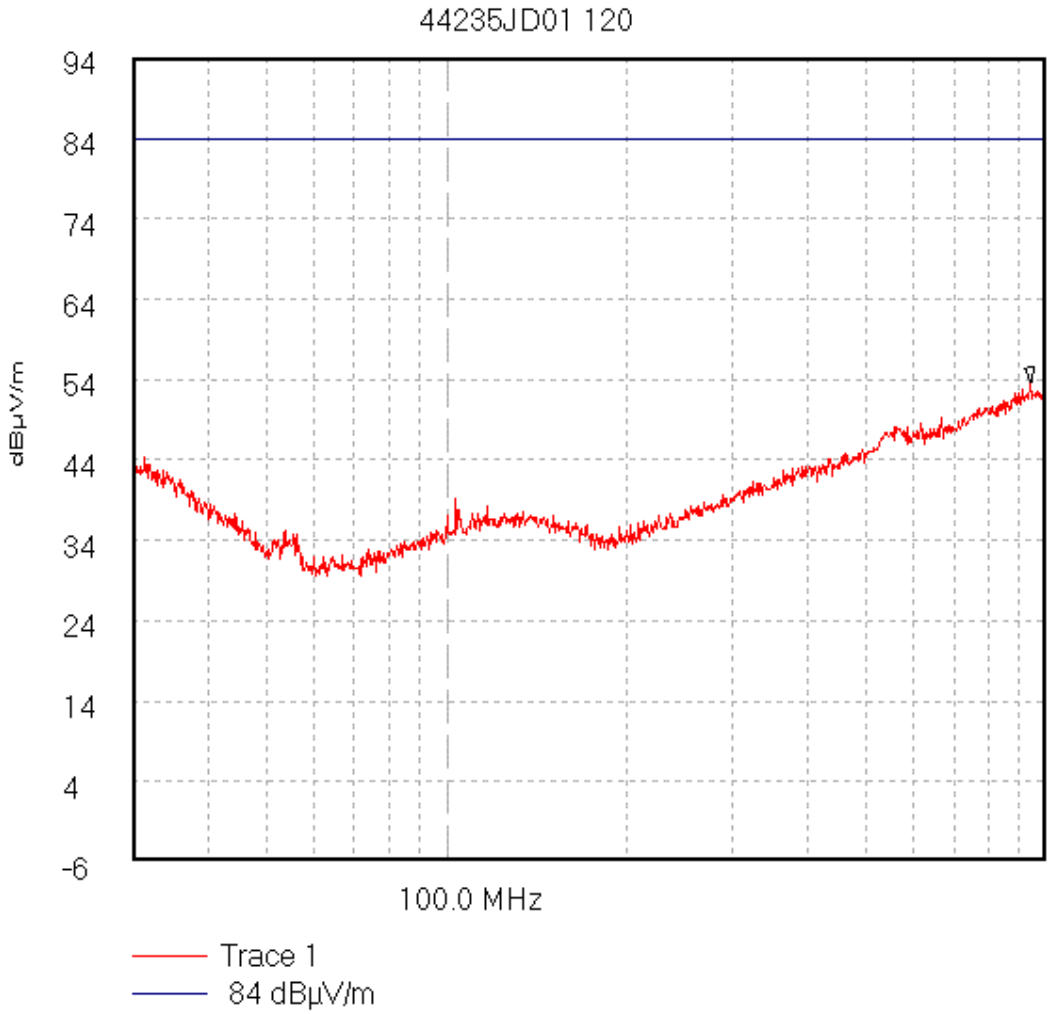
GPH\44235JD01\119
Radiated Emissions. RBS2102 (208V 60Hz) - GMSK TX Mode



Start 30.0 MHz; Stop 1.0 GHz - Log Scale
Ref 94 dBµV/m; Ref Offset 0.0 dB; 10 dB/div
RBW 100.0 kHz; VBW 1.0 MHz; Att 0 dB; Swp 60.0 mS
Peak 976.894 MHz, 53.15 dBµV/m
Display Line: 84 dBµV/m;
10/01/2003 4:04:36 PM

Test Of: **Ericsson AB.**
KRC131 139/01 sTRU-Edge Transceiver
To: **FCC Part 24: 2001**

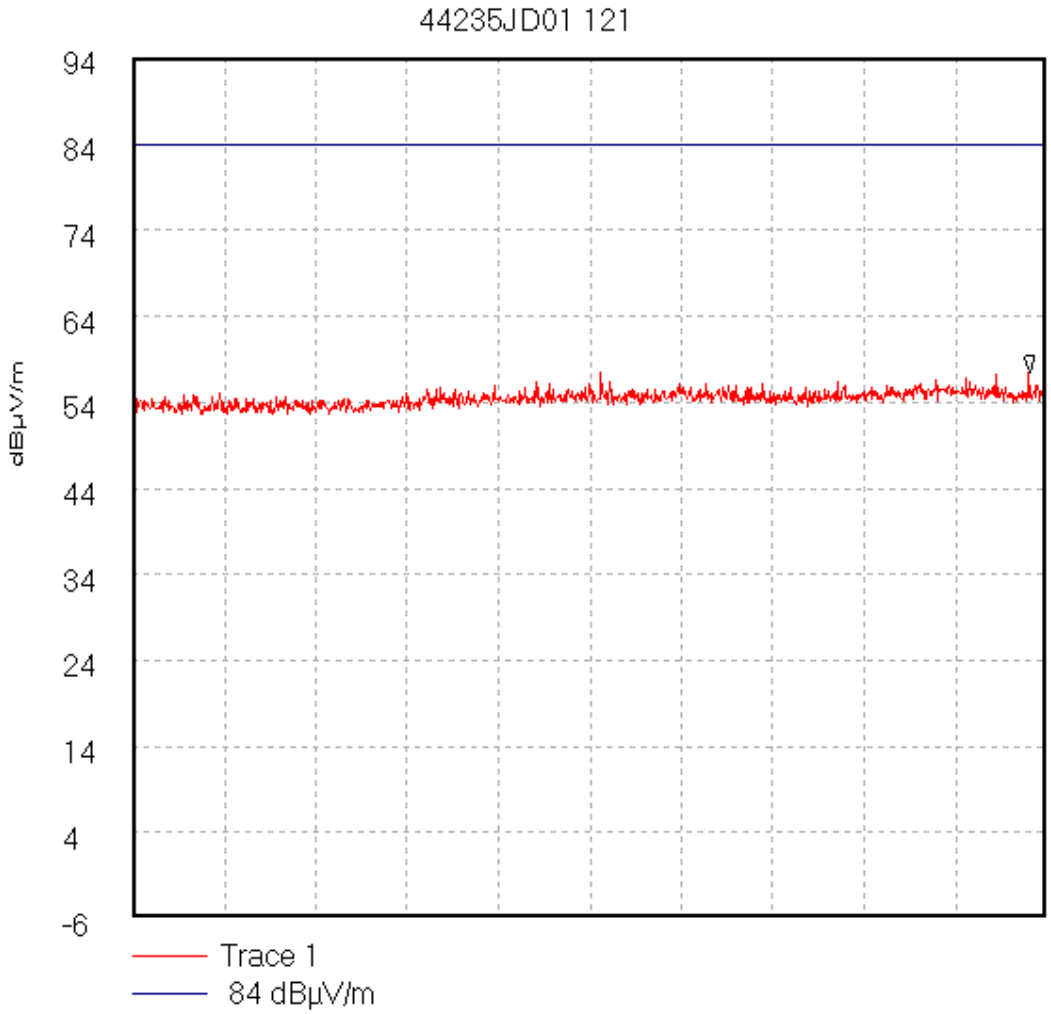
GPH\44235JD01\120
Radiated Emissions. RBS2102 (208V 60Hz) - 8PSK TX Mode



Start 30.0 MHz; Stop 1.0 GHz - Log Scale
Ref 94 dBµV/m; Ref Offset 0.0 dB; 10 dB/div
RBW 100.0 kHz; VBW 1.0 MHz; Att 0 dB; Swp 260.0 mS
Peak 943.232 MHz, 53.71 dBµV/m
Display Line: 84 dBµV/m;
10/01/2003 4:12:22 PM

Test Of: **Ericsson AB.**
KRC131 139/01 sTRU-Edge Transceiver
To: **FCC Part 24: 2001**

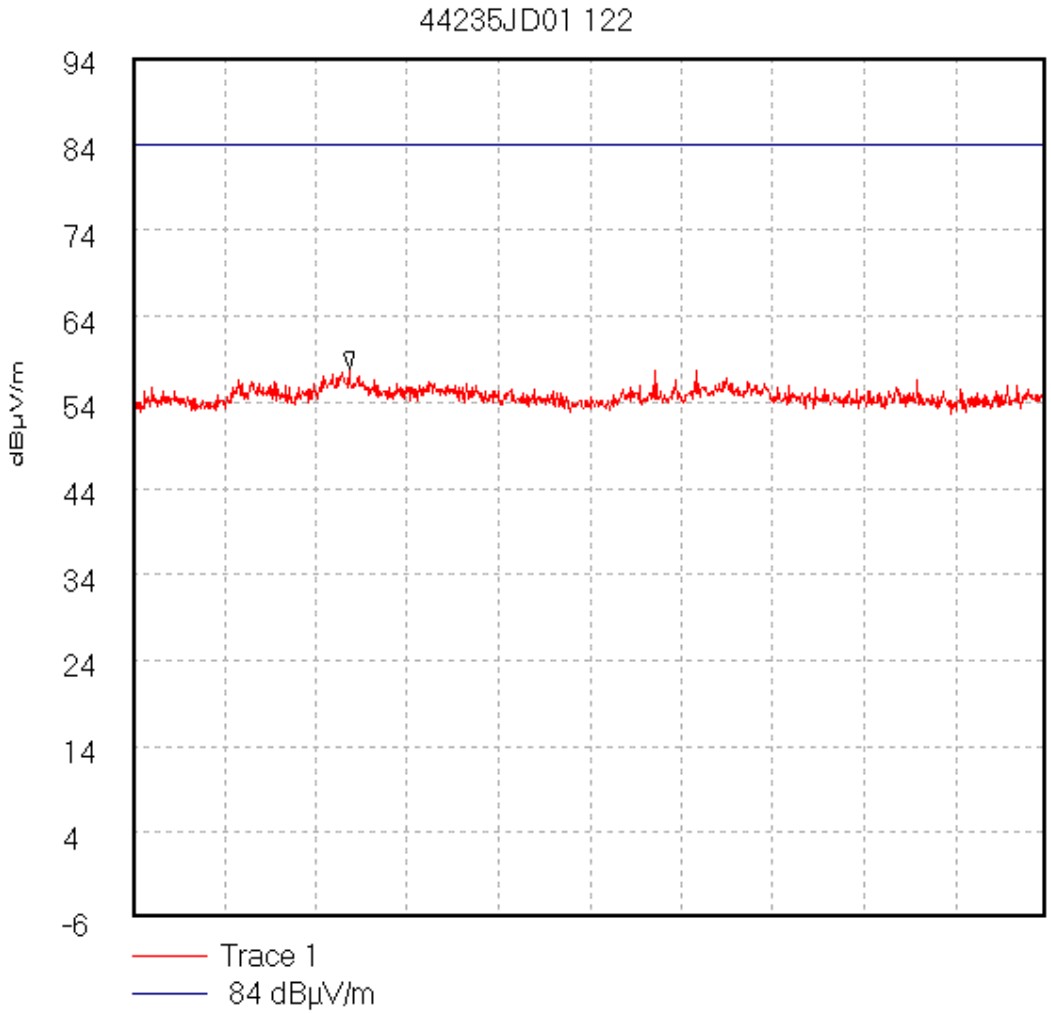
GPH\44235JD01\121
Radiated Emissions. RBS2102 (208V 60Hz) – 8PSK TX Mode



Start 1.0 GHz; Stop 2.0 GHz
Ref 94 dBµV/m; Ref Offset 0.0 dB; 10 dB/div
RBW 1.0 MHz; VBW 1.0 MHz; Att 0 dB; Swp 20.0 mS
Peak 1.981 GHz, 57.46 dBµV/m
Display Line: 84 dBµV/m;
10/01/2003 4:27:45 PM

Test Of: **Ericsson AB.**
KRC131 139/01 sTRU-Edge Transceiver
To: **FCC Part 24: 2001**

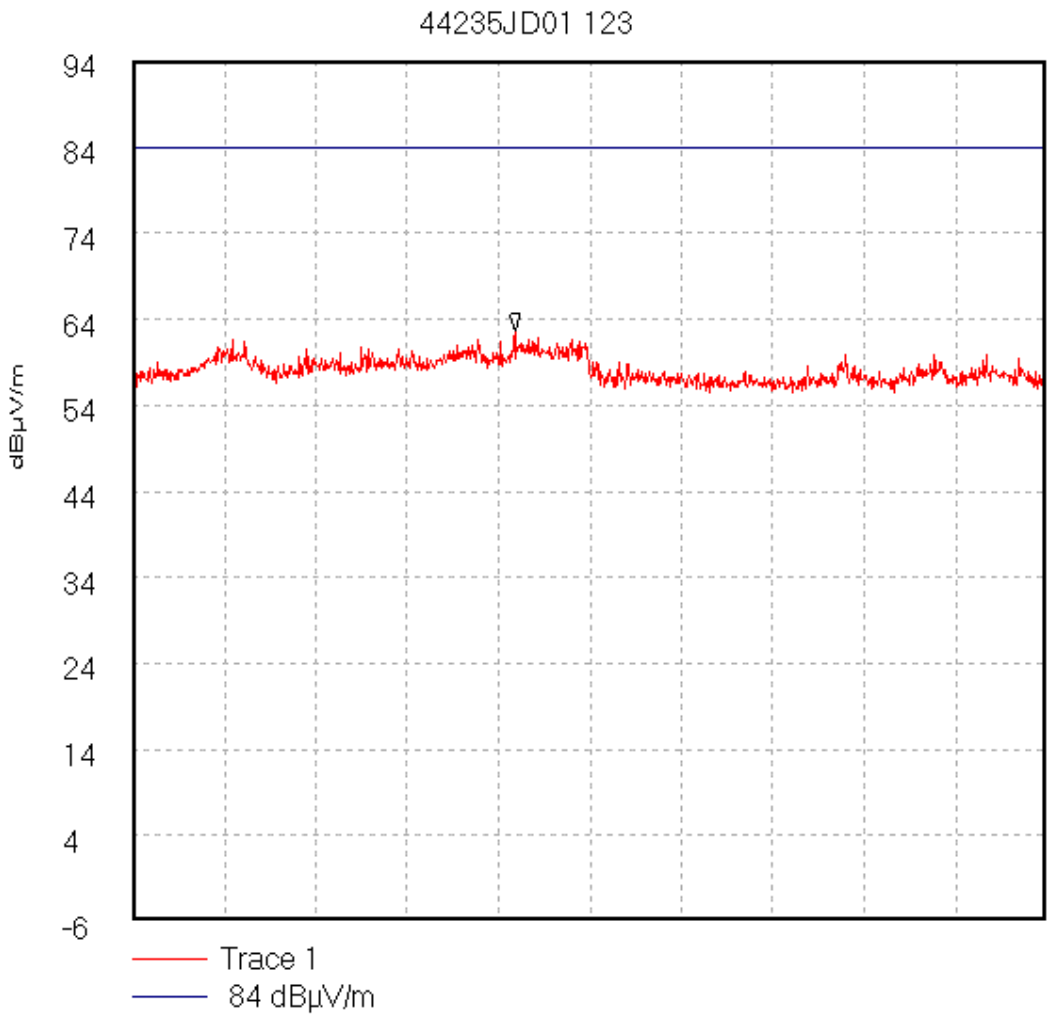
GPH\44235JD01\122
Radiated Emissions. RBS2102 (208V 60Hz) - 8PSK TX Mode



Start 2.0 GHz; Stop 4.0 GHz
Ref 94 dBµV/m; Ref Offset 0.0 dB; 10 dB/div
RBW 1.0 MHz; VBW 1.0 MHz; Att 0 dB; Swp 20.0 mS
Peak 2.473 GHz, 57.82 dBµV/m
Display Line: 84 dBµV/m;
10/01/2003 4:33:51 PM

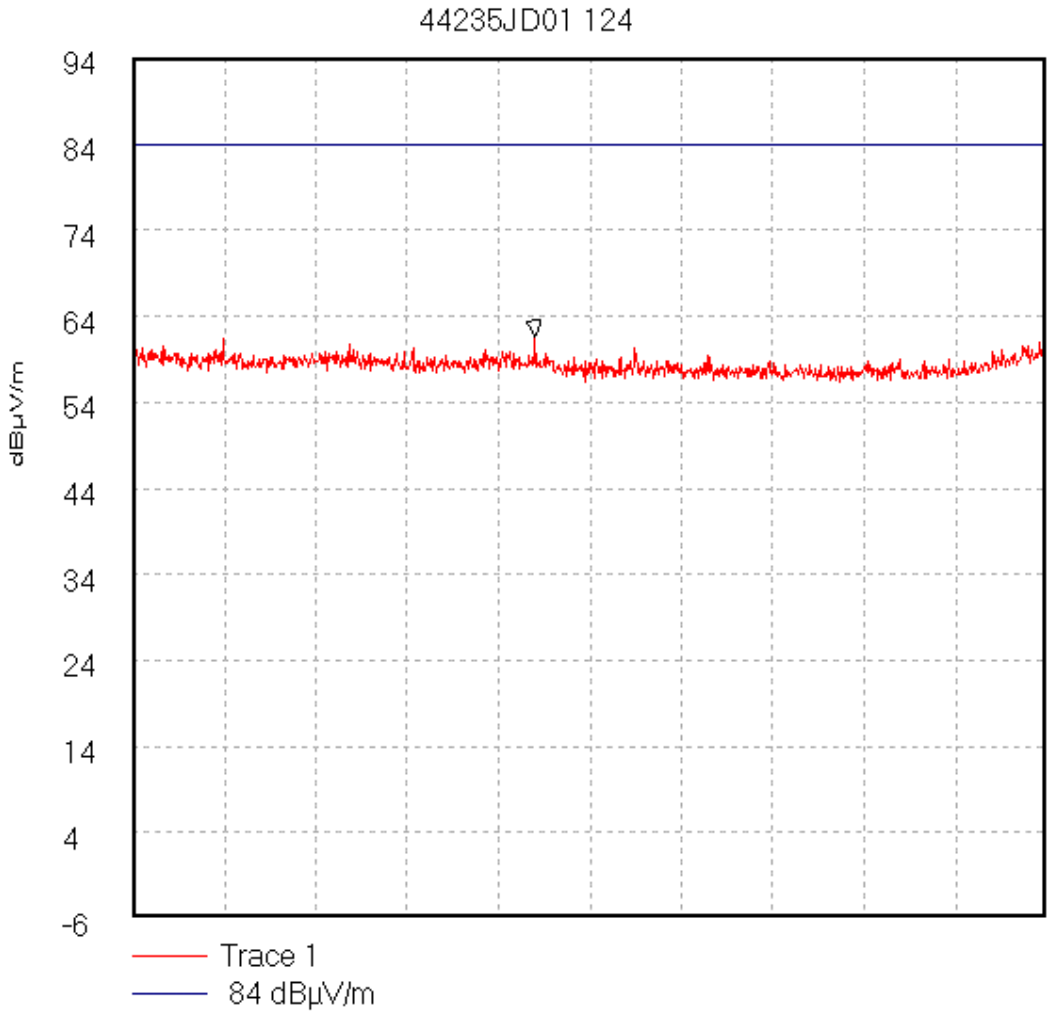
Test Of: **Ericsson AB.**
KRC131 139/01 sTRU-Edge Transceiver
To: **FCC Part 24: 2001**

GPH\44235JD01\123
Radiated Emissions. RBS2102 (208V 60Hz) - 8PSK TX Mode



Start 4.0 GHz; Stop 6.0 GHz
Ref 94 dBµV/m; Ref Offset 0.0 dB; 10 dB/div
RBW 1.0 MHz; VBW 1.0 MHz; Att 0 dB; Swp 20.0 mS
Peak 4.838 GHz, 62.59 dBµV/m
Display Line: 84 dBµV/m;
10/01/2003 4:40:22 PM

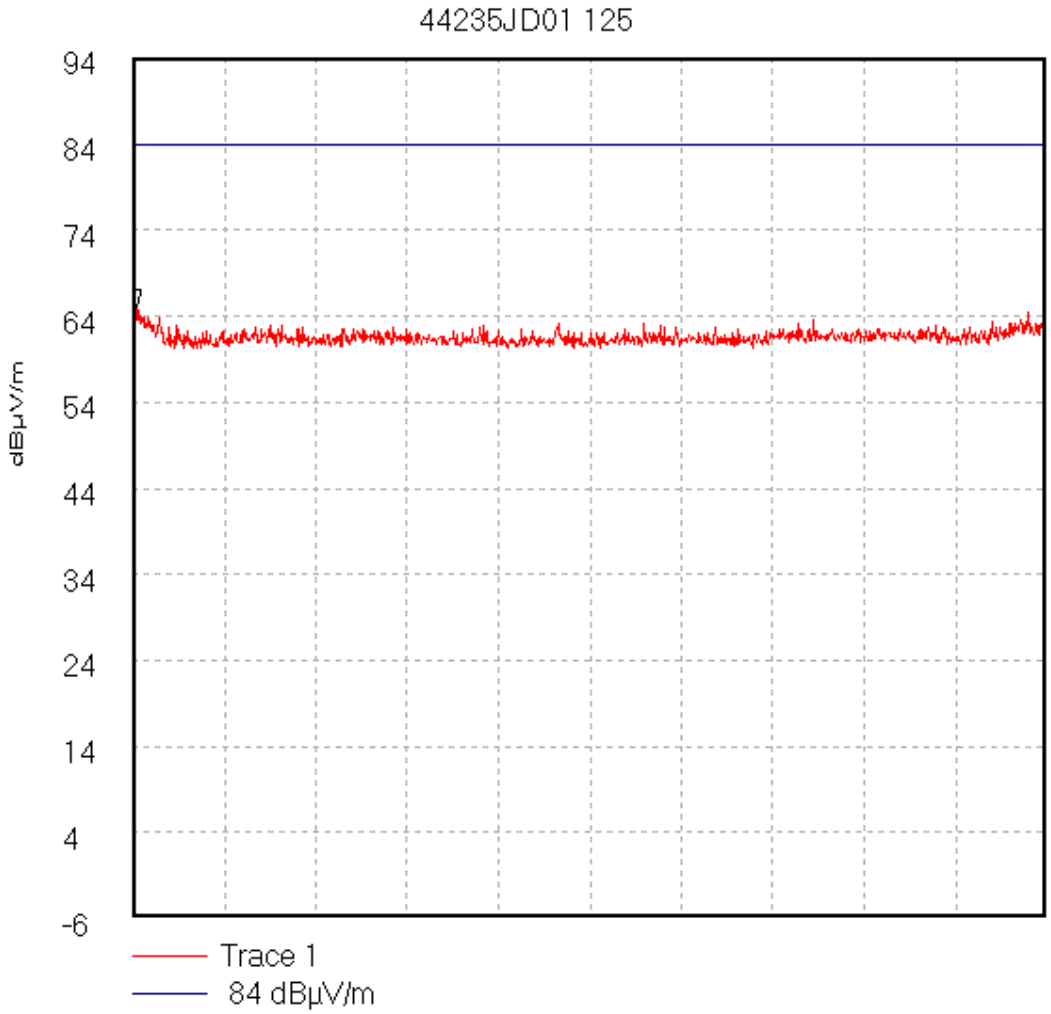
GPH\44235JD01\124
Radiated Emissions. RBS2102 (208V 60Hz) - 8PSK TX Mode



Start 6.0 GHz; Stop 8.0 GHz
Ref 94 dBµV/m; Ref Offset 0.0 dB; 10 dB/div
RBW 1.0 MHz; VBW 1.0 MHz; Att 0 dB; Swp 20.0 mS
Peak 6.88 GHz, 61.65 dBµV/m
Display Line: 84 dBµV/m;
10/01/2003 4:45:11 PM

Test Of: **Ericsson AB.**
KRC131 139/01 sTRU-Edge Transceiver
To: **FCC Part 24: 2001**

GPH\44235JD01\125
Radiated Emissions. RBS2102 (208V 60Hz) - 8PSK TX Mode



Start 8.0 GHz; Stop 12.5 GHz
Ref 94 dBµV/m; Ref Offset 0.0 dB; 10 dB/div
RBW 1.0 MHz; VBW 1.0 MHz; Att 0 dB; Swp 20.0 mS
Peak 8.02 GHz, 64.98 dBµV/m
Display Line: 84 dBµV/m;
10/01/2003 4:50:32 PM