

SC4812ET @800 MHz CDMA BTS FRAME

TEST REPORT EXHIBIT

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B	Modulation Characteristics
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F	Frequency Stability



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CDMA Systems Division*

FCC ID: IHET5ZR1

SECTION A

SUMMARY OF RF MEASUREMENTS

APPLICANT: MOTOROLA

TRANSCEIVER TYPE: IHET5ZR1

Summary of Conducted RF Measurements

SPUR LEVEL MEASURED (dBm)	FREQUENCY (GHz)	SPUR LEVEL SPEC (dBm Max)
-25.95	8.03979	-13.0

Huy Tong 8/19/99

Conducted Engineer

Date

APPLICANT: MOTOROLA

TRANSCEIVER TYPE: IHET5ZR1

Summary of Radiated RF Measurements

WORST TRANSMIT RADIATED RF SPUR LEVEL FOR SC4812ET @800 MHz

SPUR FREQUENCY (GHz)	DISTANCE MEASURED (meters)	SPUR LEVEL MEASURED (dBμV/meter)	SPUR LEVEL MEASURED (dBm)	FCC MAX LIMIT dBm
1.739	3	43.92	-51.31	-13

FCC Max. Limit Per 47 CFR 22.917:

“ =Transmitted Power ($10 \log_{10} (P_{\text{watt}})$) - ($43 + 10 \log_{10} (P_{\text{watt}})$)dBW

“ = $10 \log_{10} (P_{\text{watt}})$ - ($43 + 10 \log_{10} (P_{\text{watt}})$)dBW

“ =-43 dBW

“ =-13 dBm

Larry J. Collins 08-20-99

Engineer

Date



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FCC ID: IHET5ZR1

SECTION B

MODULATION CHARACTERISTICS



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SECTION B

FCC ID: IHET5ZR1

MODULATION CHARACTERISTICS

Maximum Power

CDMA ANALYZER				
Rho 0.9769 Time Offset 1.53 us		Frequency Error 6.2 Hz Avg Carrier Feedthru -37.6 dB		
RF Channel 1013	Synth Ref 10	Meas Intvl 0.50 ms	Analyzer Arm Meas Single/Cont Disarm	To Screen RF GEN RF ANL AF ANL SCOPE SPEC ANL ENCODER DECODER RADIO INT
Input Atten 0 dB	CDMA TB 19.6608	Gain Auto/Hold 6 dB	Qual Event 80 ms	
Input Port RF In/Ant	PN Offset 100.00	Anl Dir End/Rev	Trig Event Immed	
Anl Special 0	Even Sec In Enable/Not			More

Channel 1013
 869.70 MHz
 Maximum Power

IHET5ZR1
 SC4812ET @800 MHz
 CDMA BTS Frame

CDMA ANALYZER				
Rho 0.9773 Time Offset 1.48 us		Frequency Error 10.9 Hz Avg Carrier Feedthru -34.3 dB		
RF Channel 777 Input Atten 0 dB Input Port RF In/Ant Anl Special 0	Synth Ref 10 CDMA TB 19.6608 PN Offset 100.00 Even Sec In Enable/Not	Meas Intvl 0.50 ms Gain Auto/Hold 6 dB Anl Dir Fwd/Rev	Analyzer Arm Meas Single/Cont Disarm Qual Event 80 ms Tris Event Immed	To Screen RF GEN RF ANL AF ANL SCOPE SPEC ANL ENCODER DECODER RADIO INT More

Channel 777
893.31 MHz
Maximum Power

IHET5ZR1
SC4812ET @800 MHz
CDMA BTS Frame



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SECTION B

FCC ID: IHET5ZR1

MODULATION CHARACTERISTICS

Minimum Power

CDMA ANALYZER				
Rho 0.9765 Time Offset 1.53 us		Frequency Error Hz -50 2.9 50 Ave Carrier Feedthru dB -36.9		
RF Channel 1013 Input Atten 0 dB Input Port RF In/Ant Anl Special 0	Synth Ref 10 CDMA TB 19.6608 PN Offset 100.00 Even Sec In Enable/Not	Meas Intvl 0.50 ms Gain Auto/Hold 24 dB Anl Dir Fwd/Rev	Analyzer Arm Meas Single/Cont Disarm Qual Event 80 ms Trig Event Immed	To Screen RF GEN RF ANL AF ANL SCOPE SPEC ANL ENCODER DECODER RADIO INT More

Channel 1013
869.70 MHz
Minimum Power

IHET5ZR1
SC4812ET @800 MHz
CDMA BTS Frame

CDMA ANALYZER				
Rho 0.9771 Time Offset 1.48 us		Frequency Error Hz -50 ----- 1.9 ----- 50 Ave Carrier Feedthru dB -33.9		
RF Channel 777 Input Atten 0 dB Input Port RF In/Ant Anl Special 0	Synth Ref 10 CDMA TB 19.6608 PN Offset 100.00 Even Sec In Enable/Not	Meas Intvl 0.50 ms Gain Auto/Hold 24 dB Anl Dir Fwd/Rev	Analyzer Arm Meas Single/Cont Disarm Qual Event 80 ms Tris Event Immed	To Screen RF GEN RF ANL AF ANL SCOPE SPEC ANL ENCODER DECODER RADIO INT More

Channel 777
893.31 MHz
Minimum Power

IHET5ZR1
SC4812ET @800 MHz
CDMA BTS Frame



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FCC ID: IHET5ZR1

SECTION C

SPURIOUS & HARMONIC EMISSIONS RADIATED

APPLICANT: MOTOROLA

TRANSCIVER TYPE: IHET5ZR1

Radiated RF Measurements

WORST RADIATED RF SPUR LEVEL FOR SC4812ET @800 MHz

TRANSMIT CHANNEL	SPUR FREQUENCY (GHz)	MEASURED SIGNAL LEVEL dBuV/meter	MEASURED Signal Level (dBm)	FCC, Part 22 MAX LIMIT (dBm)
1013V 1013H	8.697 1.739	38.86 43.92	-56.37 -51.31	-13 -13
777V 777H	8.933 8.933	39.53 39.50	-55.70 -55.73	-13 -13

Converting dBuV/meter to dBm when Part 22 is done at 3 meters.

1. $(\text{dBuV/M} / 20) * (\text{Inverse Log}) = \text{uV/M}$
2. $\text{Log}(\text{uV/M} / 57735) * 20 = \text{dBm}$

Example 43.92 dBuV/m to dBm

$$(43.92 \text{ dBuV/m} / 20) * (\text{Inverse Log}) = 157.09 \text{ uV/M}$$

$$\text{Log}(157.09 \text{ uV/m} / 57735) * 20 = -51.31 \text{ dBm}$$

If the test is done at 10 meters, the first formula would remain the same. The 2nd is as follows

$$\text{Log}[(\text{uV/m} * 1 / (3 * 57735) / 10)] * 20 \text{ dBm}$$

Larry J. Collins 8-20-99

Radiated Engineer

Date



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SECTION D

SPURIOUS & HARMONIC EMISSIONS CONDUCTED

NOTE: The plots for conducted spurious and harmonic emissions are measured in peak mode. The higher (than 46.0 dBm) levels measured in peak mode are expected, due to typical CDMA peak to average performance. The average power level was set to 46.0 dBm using an HP438A power meter.



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SECTION D

FCC ID: IHET5ZR1

SPURIOUS & HARMONIC EMISSIONS CONDUCTED

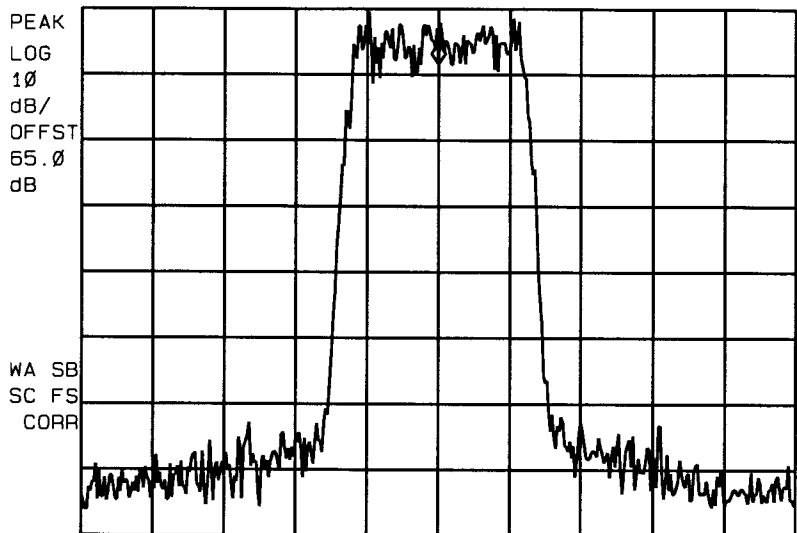
CDMA Transmitter Channel 1013

Maximum Power

Channel 1013
869.70 MHz
Maximum Power

11:23:36 AUG 18, 1999

REF 40.0 dBm #AT 0 dB MKR 869.700 MHz
31.58 dBm



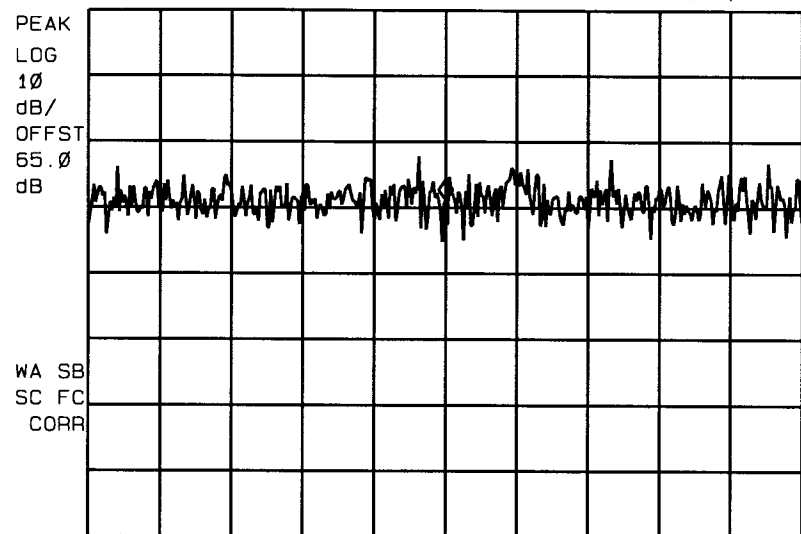
CENTER 869.700 MHz SPAN 5.000 MHz
RES BW 30 kHz VBW 30 kHz SWP 20.0 msec

IHET5ZR1
SC4812ET @800 MHz
CDMA BTS Frame

btsate
08-18-99
11:24:42

11:24:31 AUG 18, 1999

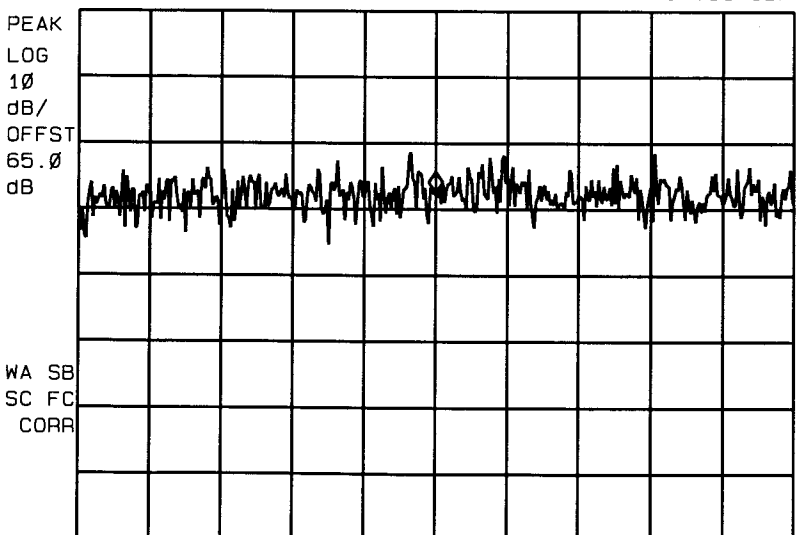
REF -7.0 dBm #AT 0 dB MKR 1.739400 GHz
-35.90 dBm



CENTER 1.739400 GHz SPAN 5.000 MHz
RES BW 30 kHz VBW 30 kHz SWP 20.0 msec

11:24:42 AUG 18, 1999

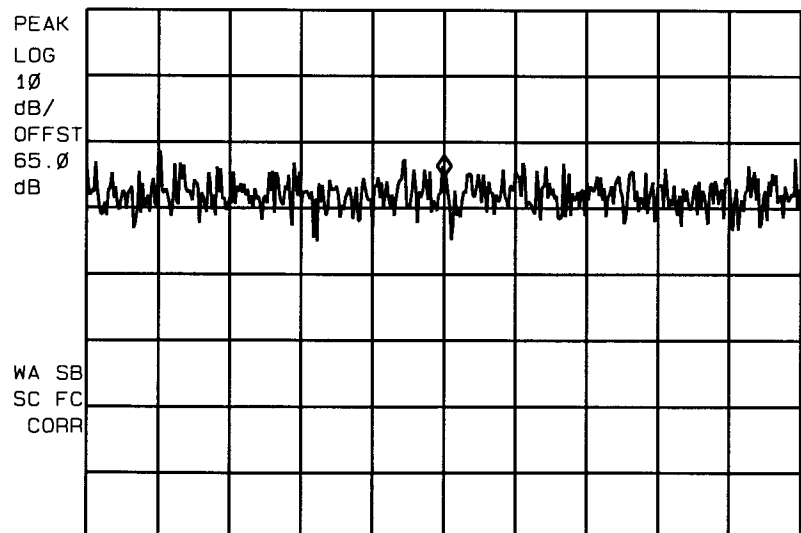
REF -7.0 dBm #AT 0 dB MKR 2.609100 GHz
-34.51 dBm



CENTER 2.609100 GHz SPAN 5.000 MHz
RES BW 30 kHz VBW 30 kHz SWP 20.0 msec

11:24:52 AUG 18, 1999

REF -7.0 dBm #AT 0 dB MKR 3.478800 GHz
-32.21 dBm

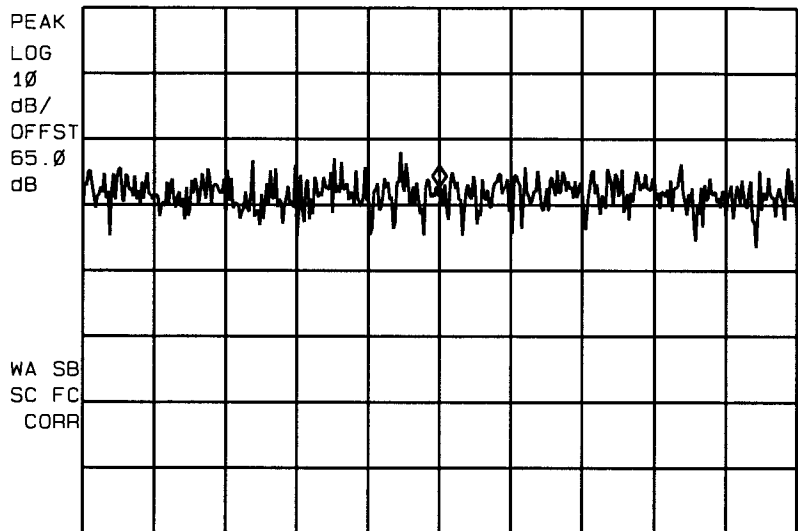


CENTER 3.478800 GHz SPAN 5.000 MHz
RES BW 30 kHz VBW 30 kHz SWP 20.0 msec

Channel 1013
869.70 MHz
Maximum Power

11:25:06 AUG 18, 1999

REF -7.0 dBm #AT 0 dB MKR 4.348500 GHz
-34.23 dBm

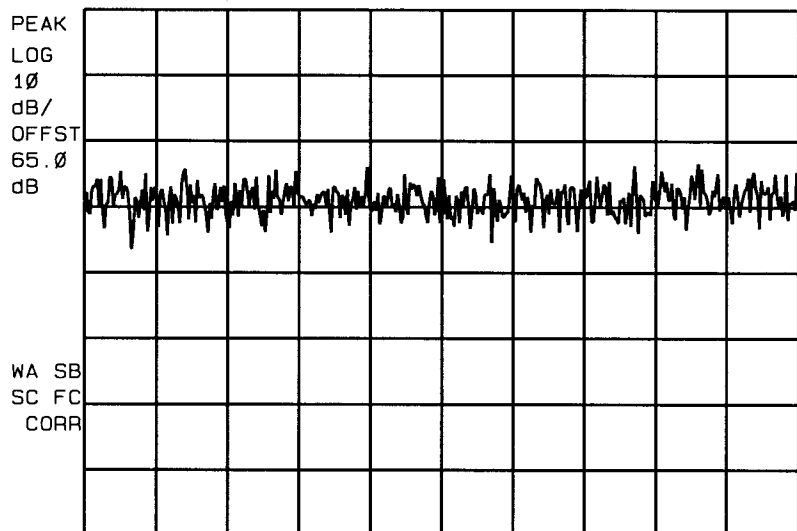


CENTER 4.348500 GHz SPAN 5.000 MHz
RES BW 30 kHz VBW 30 kHz SWP 20.0 msec

IHET5ZR1
SC4812ET @800 MHz
CDMA BTS Frame

11:25:15 AUG 18, 1999

REF -7.0 dBm #AT 0 dB MKR 5.218200 GHz
-38.27 dBm

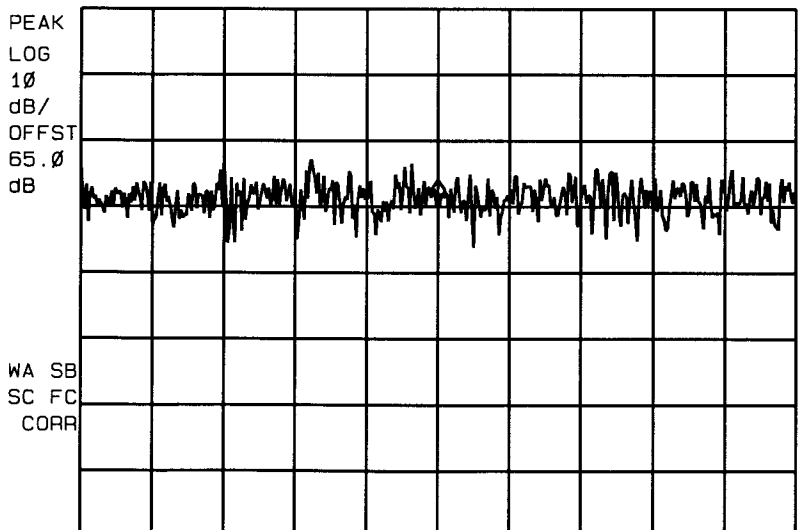


CENTER 5.218200 GHz SPAN 5.000 MHz
RES BW 30 kHz VBW 30 kHz SWP 20.0 msec

btsate
08-18-99
11:25:24

11:25:24 AUG 18, 1999

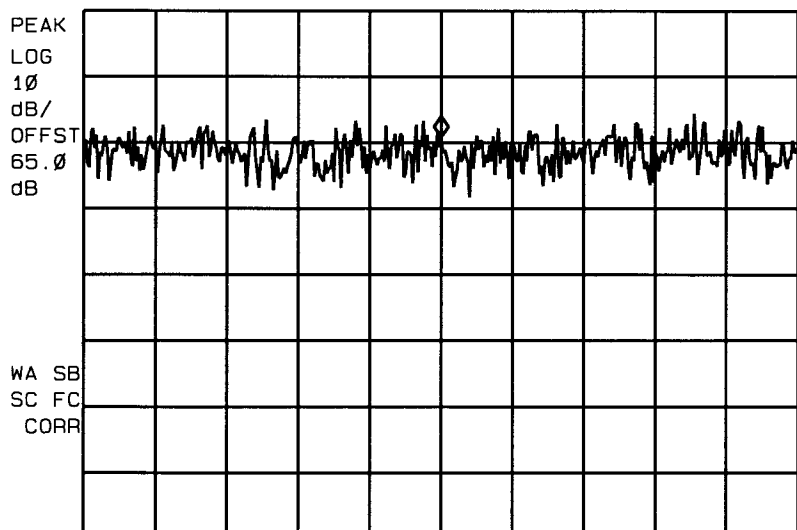
REF -7.0 dBm #AT 0 dB MKR 6.087900 GHz
-36.12 dBm



CENTER 6.087900 GHz SPAN 5.000 MHz
RES BW 30 kHz VBW 30 kHz SWP 20.0 msec

11:25:34 AUG 18, 1999

REF -7.0 dBm #AT 0 dB MKR 6.957600 GHz
-26.18 dBm



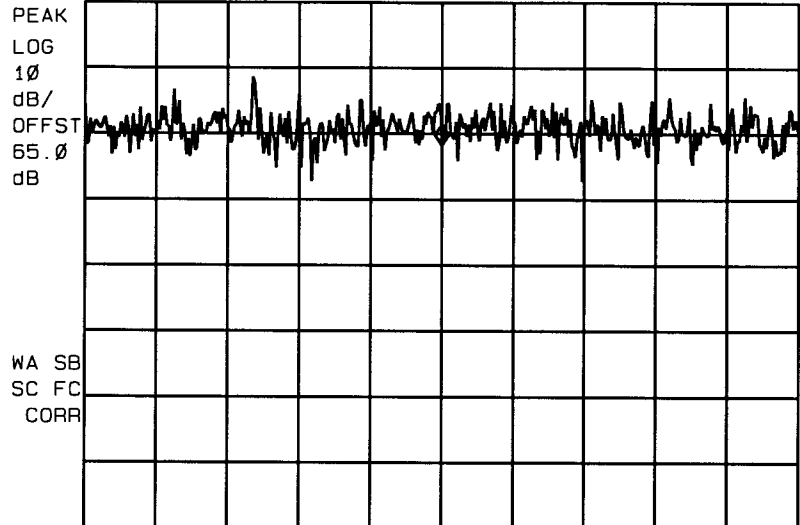
CENTER 6.957600 GHz SPAN 5.000 MHz
RES BW 30 kHz VBW 30 kHz SWP 20.0 msec

Channel 1013
869.70 MHz
Maximum Power

11:26:01 AUG 18, 1999

MR 7.827300 GHz
-28.77 dBm

REF -7.0 dBm #AT 0 dB



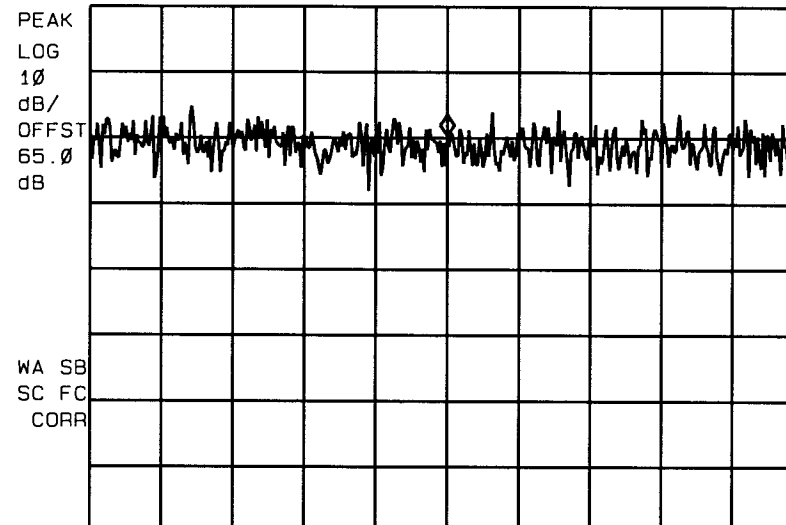
CENTER 7.827300 GHz SPAN 5.000 MHz
RES BW 30 kHz VBW 30 kHz SWP 20.0 msec

IHET5ZR1
SC4812ET @800 MHz
CDMA BTS Frame

11:26:10 AUG 18, 1999

MR 8.697000 GHz
-26.66 dBm

REF -7.0 dBm #AT 0 dB



CENTER 8.697000 GHz SPAN 5.000 MHz
RES BW 30 kHz VBW 30 kHz SWP 20.0 msec

btsate
08-18-99
11:26:00



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SECTION D

FCC ID: IHET5ZR1

SPURIOUS & HARMONIC EMISSIONS CONDUCTED

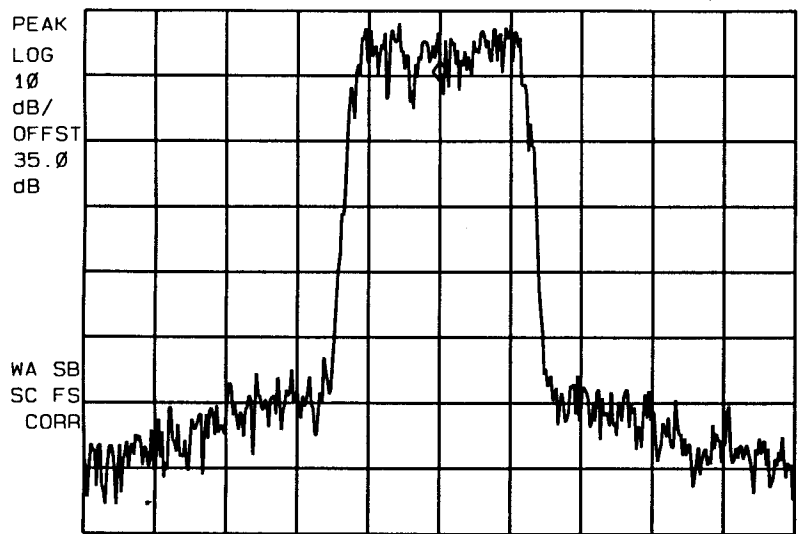
CDMA Transmitter Channel 1013

Minimum Power

Channel 1013
869.70 MHz
Minimum Power

16:25:00 AUG 11, 1999

REF 22.0 dBm #AT 10 dB MKR 869.700 MHz 11.04 dBm



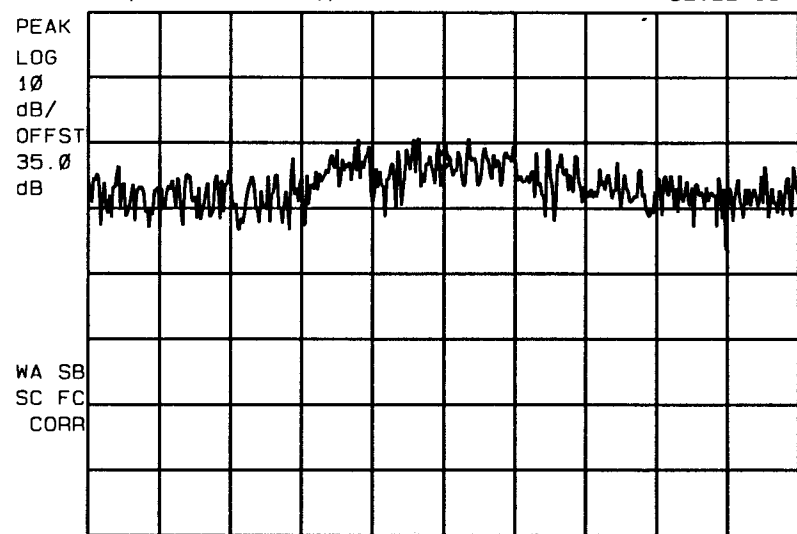
CENTER 869.700 MHz SPAN 5.000 MHz
#RES BW 30 kHz #VBW 30 kHz SWP 20.0 msec

IHET5ZR1
SC4812ET @800 MHz
CDMA BTS Frame

btsate
08-11-99
16:26:23

16:26:06 AUG 11, 1999

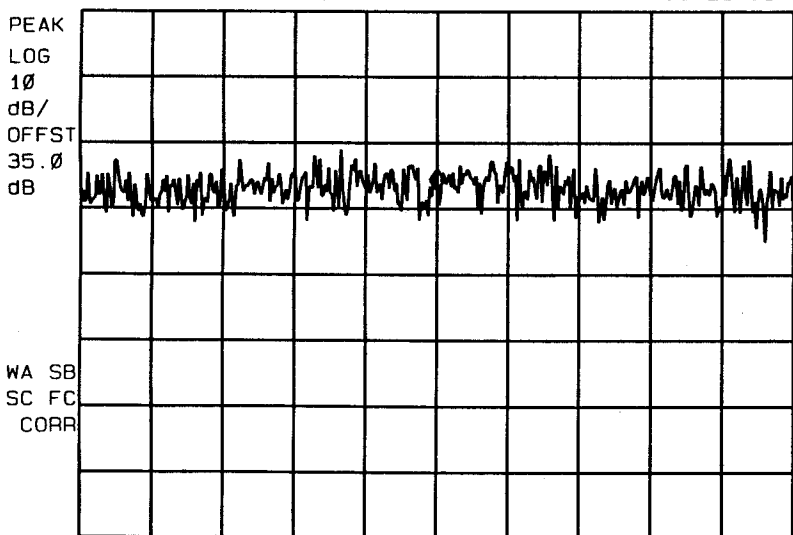
REF -28.0 dBm #AT 10 dB MKR 1.739400 GHz -52.22 dBm



CENTER 1.739400 GHz SPAN 5.000 MHz
#RES BW 30 kHz #VBW 30 kHz SWP 20.0 msec

16:26:23 AUG 11, 1999

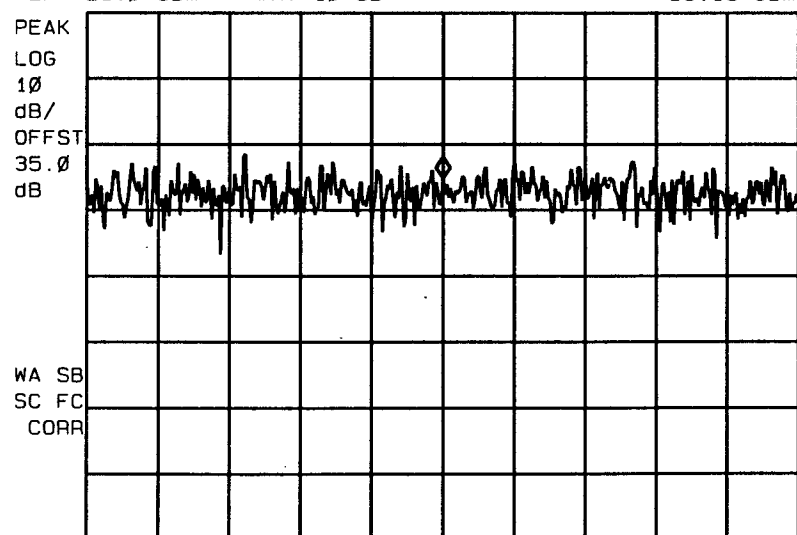
REF -28.0 dBm #AT 10 dB MKR 2.609100 GHz -55.22 dBm



CENTER 2.609100 GHz SPAN 5.000 MHz
#RES BW 30 kHz #VBW 30 kHz SWP 20.0 msec

16:26:33 AUG 11, 1999

REF -28.0 dBm #AT 10 dB MKR 3.478800 GHz -53.15 dBm

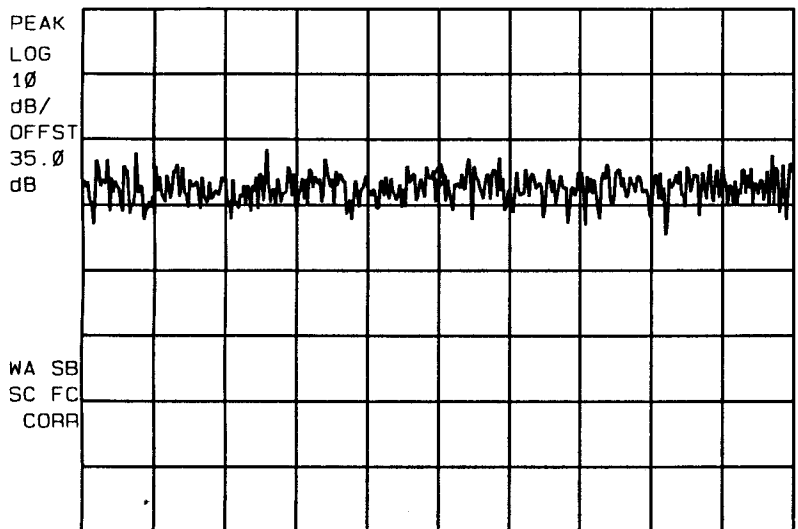


CENTER 3.478800 GHz SPAN 5.000 MHz
#RES BW 30 kHz #VBW 30 kHz SWP 20.0 msec

Channel 1013
869.70 MHz
Minimum Power

16:26:46 AUG 11, 1999

REF -28.0 dBm #AT 10 dB MKR 4.348500 GHz -55.37 dBm



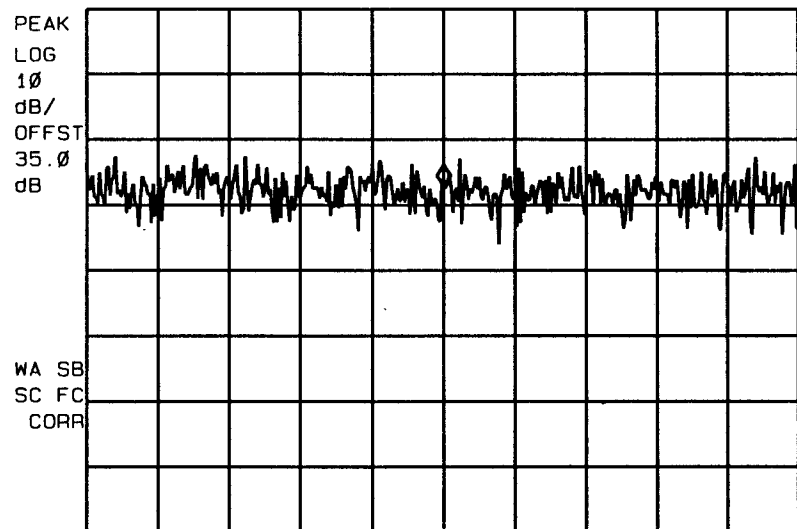
CENTER 4.348500 GHz SPAN 5.000 MHz
#RES BW 30 kHz #VBW 30 kHz SWP 20.0 msec

IHET5ZR1
SC4812ET @800 MHz
CDMA BTS Frame

btsate
08-11-99
16:27:03

16:26:55 AUG 11, 1999

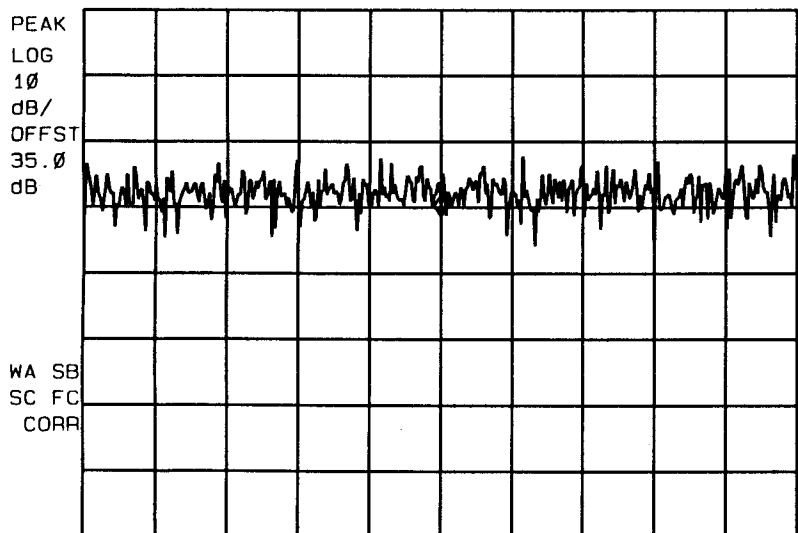
REF -28.0 dBm #AT 10 dB MKR 5.218200 GHz -55.11 dBm



CENTER 5.218200 GHz SPAN 5.000 MHz
#RES BW 30 kHz #VBW 30 kHz SWP 20.0 msec

16:27:04 AUG 11, 1999

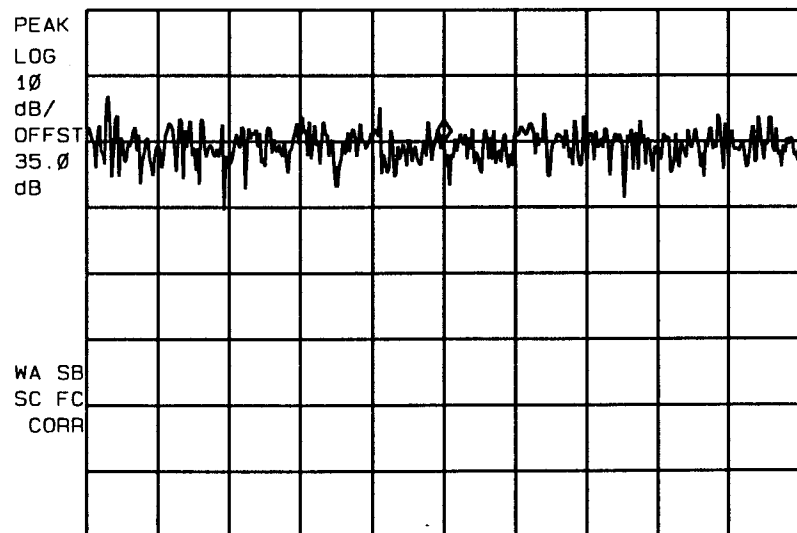
REF -28.0 dBm #AT 10 dB MKR 6.087900 GHz -59.31 dBm



CENTER 6.087900 GHz SPAN 5.000 MHz
#RES BW 30 kHz #VBW 30 kHz SWP 20.0 msec

16:27:13 AUG 11, 1999

REF -28.0 dBm #AT 10 dB MKR 6.957600 GHz -48.00 dBm

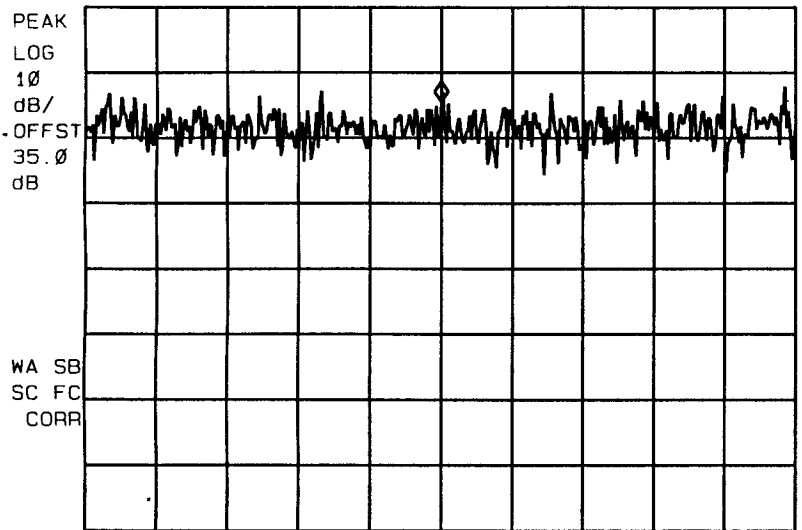


CENTER 6.957600 GHz SPAN 5.000 MHz
#RES BW 30 kHz #VBW 30 kHz SWP 20.0 msec

Channel 1013
869.70 MHz
Minimum Power

16:28:02 AUG 11, 1999

REF -28.0 dBm #AT 10 dB MKR 7.827300 GHz
-42.55 dBm



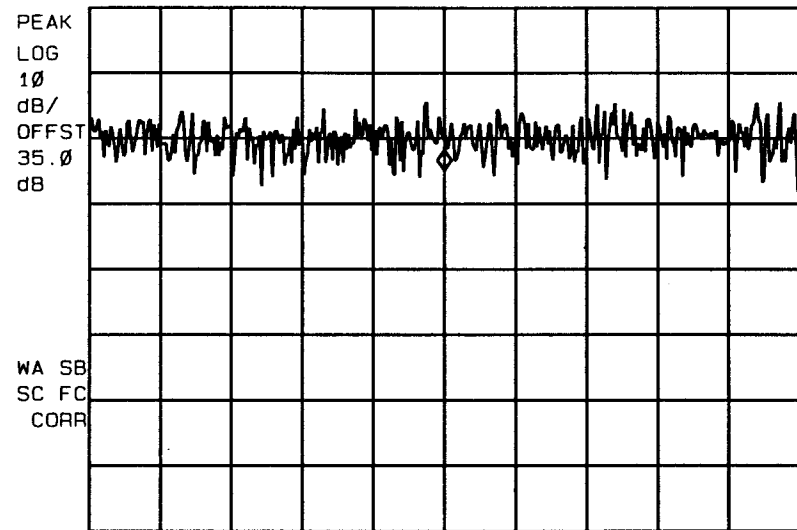
CENTER 7.827300 GHz SPAN 5.000 MHz
#RES BW 30 kHz #VBW 30 kHz SWP 20.0 msec

IHET5ZR1
SC4812ET @800 MHz
CDMA BTS Frame

btsate
08-11-99
16:28:02

16:28:11 AUG 11, 1999

REF -28.0 dBm #AT 10 dB MKR 8.697000 GHz
-52.94 dBm



CENTER 8.697000 GHz SPAN 5.000 MHz
#RES BW 30 kHz #VBW 30 kHz SWP 20.0 msec



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SECTION D

FCC ID: IHET5ZR1

SPURIOUS & HARMONIC EMISSIONS CONDUCTED

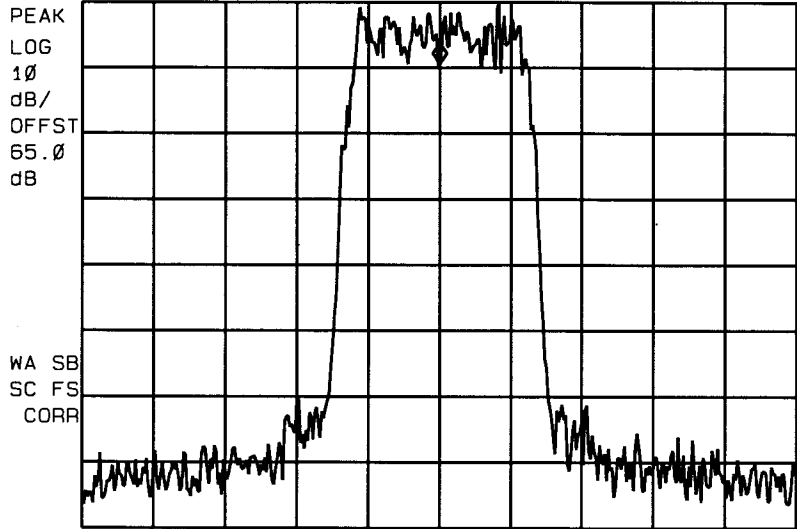
CDMA Transmitter Channel 777

Maximum Power

Channel 777
893.31 MHz
Maximum Power

11:29:48 AUG 18, 1999

REF 40.0 dBm #AT 0 dB MKR 893.310 MHz
30.58 dBm

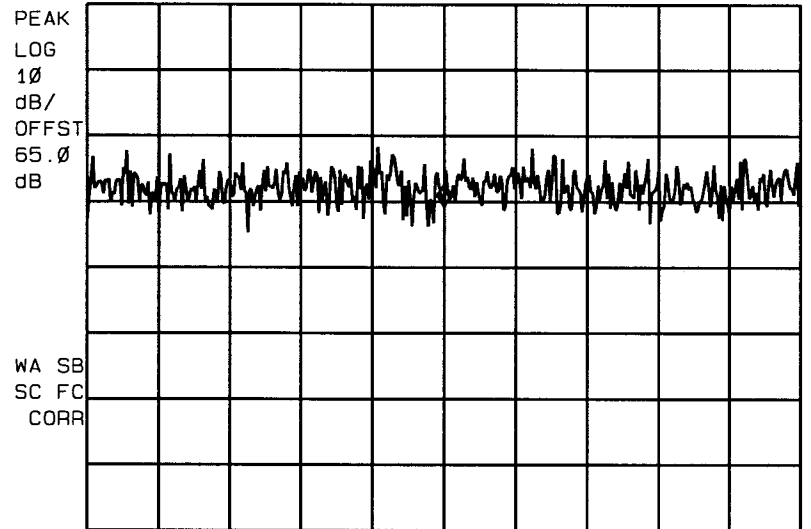


CENTER 893.310 MHz SPAN 5.000 MHz
RES BW 30 kHz VBW 30 kHz SWP 20.0 msec

IHET5ZR1
SC4812ET @800 MHz
CDMA BTS Frame

11:30:16 AUG 18, 1999

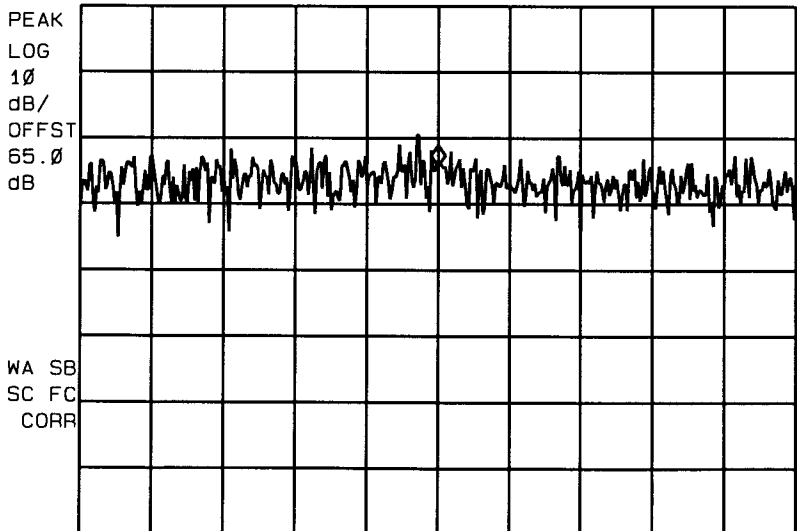
REF -8.0 dBm #AT 0 dB MKR 1.786620 GHz
-38.63 dBm



CENTER 1.786620 GHz SPAN 5.000 MHz
RES BW 30 kHz VBW 30 kHz SWP 20.0 msec

11:30:26 AUG 18, 1999

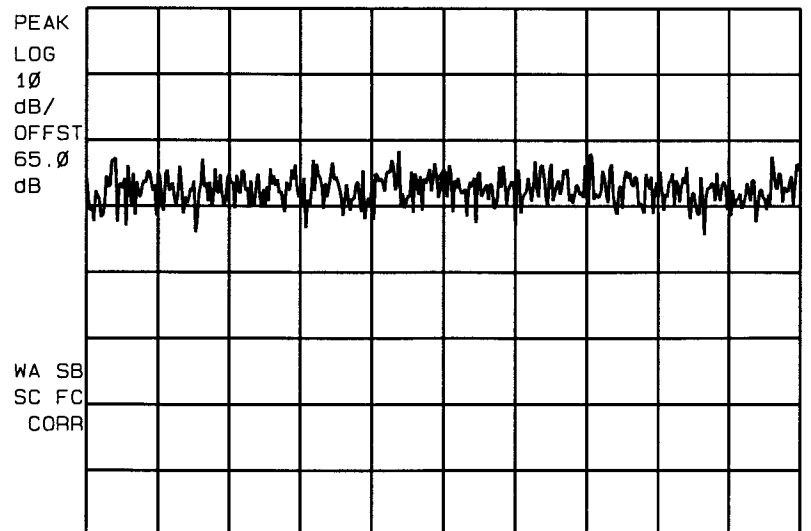
REF -8.0 dBm #AT 0 dB MKR 2.679930 GHz
-32.25 dBm



CENTER 2.679930 GHz SPAN 5.000 MHz
RES BW 30 kHz VBW 30 kHz SWP 20.0 msec

11:30:34 AUG 18, 1999

REF -8.0 dBm #AT 0 dB MKR 3.573240 GHz
-35.72 dBm



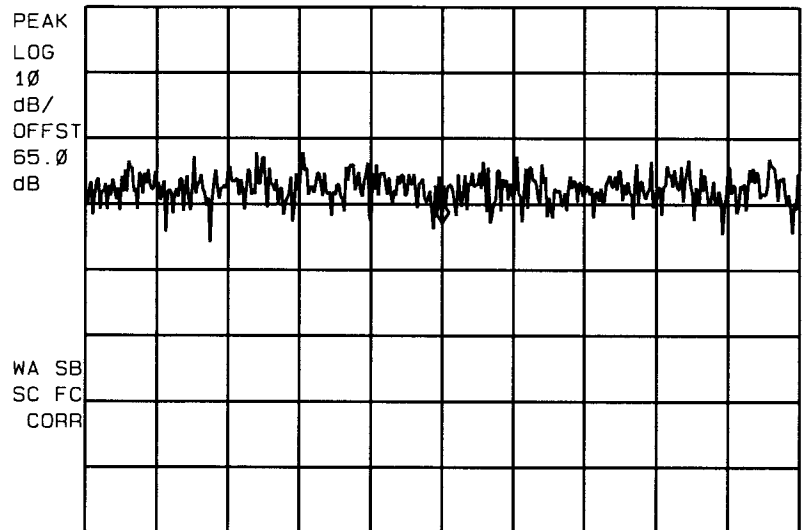
CENTER 3.573240 GHz SPAN 5.000 MHz
RES BW 30 kHz VBW 30 kHz SWP 20.0 msec

btsate
08-18-99
11:30:24

Channel 777
893.31 MHz
Maximum Power

11:30:46 AUG 18, 1999

REF -8.0 dBm #AT 0 dB MKR 4.466550 GHz
-40.86 dBm

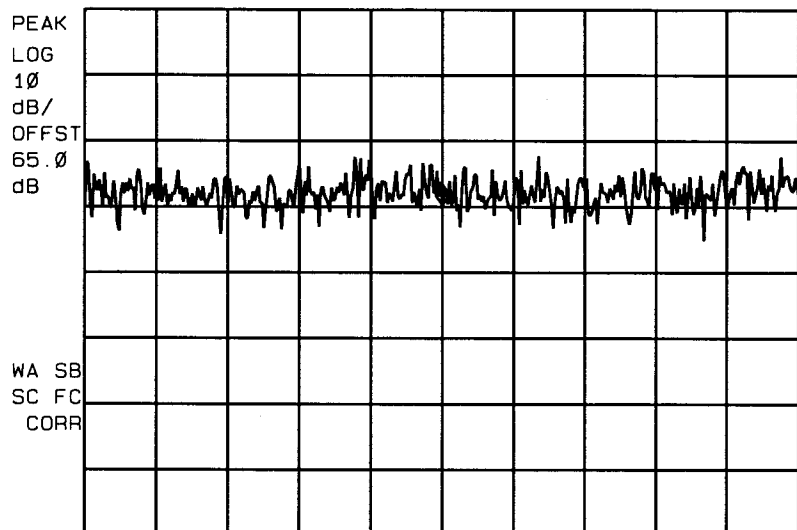


CENTER 4.466550 GHz SPAN 5.000 MHz
RES BW 30 kHz VBW 30 kHz SWP 20.0 msec

IHET5ZR1
SC4812ET @800 MHz
CDMA BTS Frame

11:30:54 AUG 18, 1999

REF -8.0 dBm #AT 0 dB MKR 5.359860 GHz
-37.76 dBm

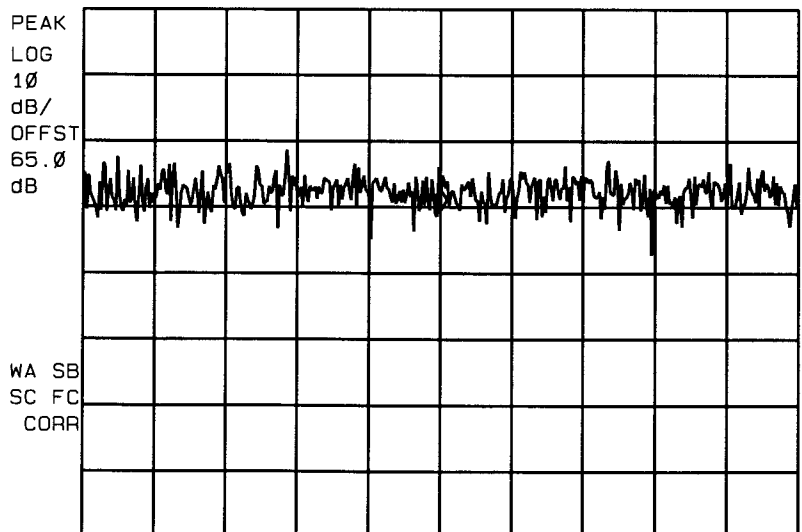


CENTER 5.359860 GHz SPAN 5.000 MHz
RES BW 30 kHz VBW 30 kHz SWP 20.0 msec

btsate
08-18-99
11:30:59

11:31:01 AUG 18, 1999

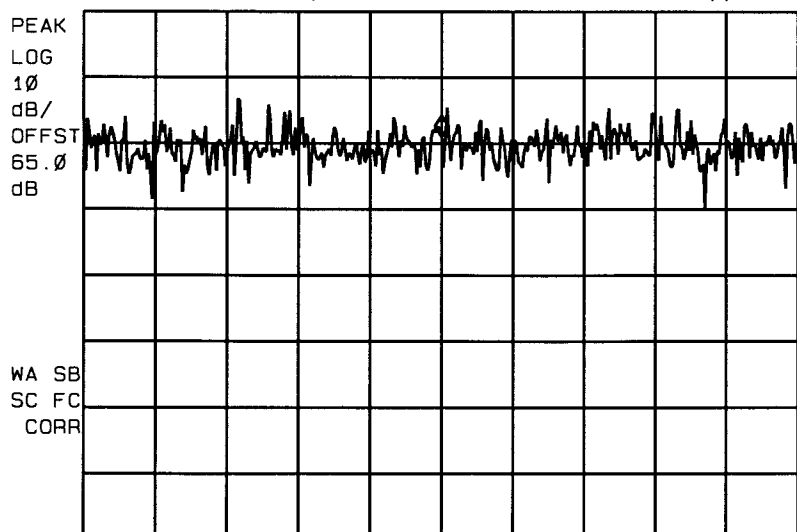
REF -8.0 dBm #AT 0 dB MKR 6.253170 GHz
-38.49 dBm



CENTER 6.253170 GHz SPAN 5.000 MHz
RES BW 30 kHz VBW 30 kHz SWP 20.0 msec

11:31:09 AUG 18, 1999

REF -8.0 dBm #AT 0 dB MKR 7.146480 GHz
-27.00 dBm

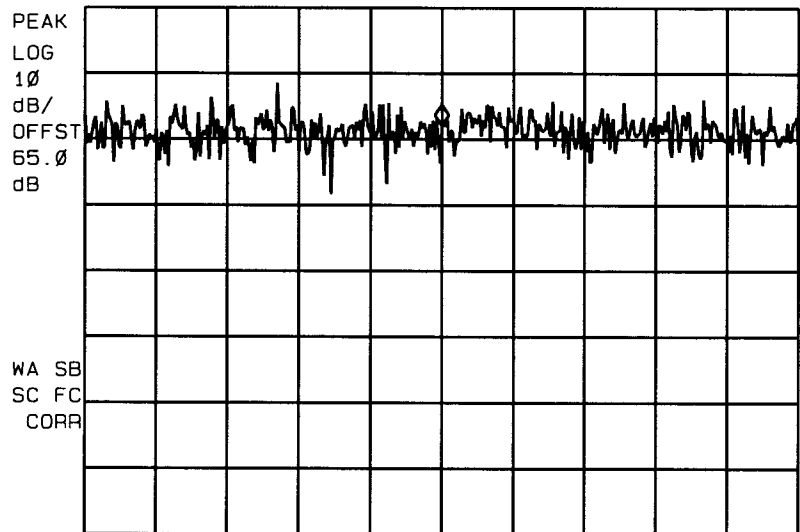


CENTER 7.146480 GHz SPAN 5.000 MHz
RES BW 30 kHz VBW 30 kHz SWP 20.0 msec

Channel 777
893.31 MHz
Maximum Power

11:31:43 AUG 18, 1999

REF -8.0 dBm #AT 0 dB MKR 8.039790 GHz
-25.95 dBm

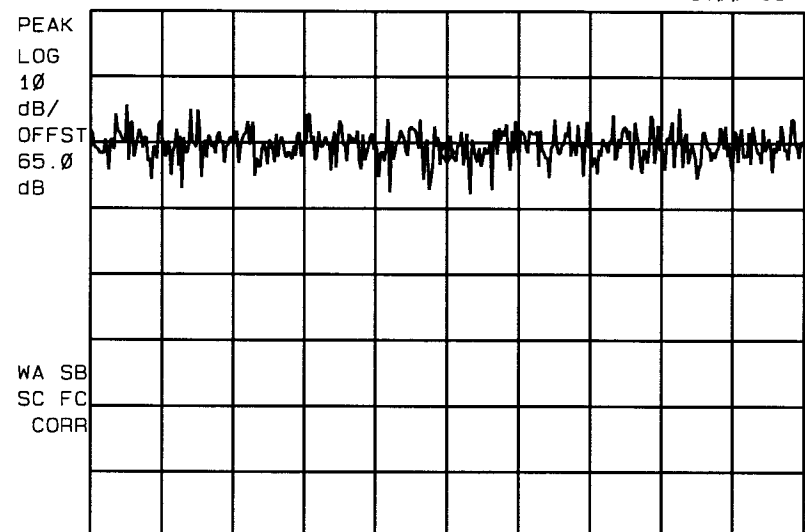


CENTER 8.039790 GHz SPAN 5.000 MHz
RES BW 30 kHz VBW 30 kHz SWP 20.0 msec

IHET5ZR1
SC4812ET @800 MHz
CDMA BTS Frame

11:31:53 AUG 18, 1999

REF -8.0 dBm #AT 0 dB MKR 8.933100 GHz
-31.00 dBm



CENTER 8.933100 GHz SPAN 5.000 MHz
RES BW 30 kHz VBW 30 kHz SWP 20.0 msec

btsate
08-18-99
11:31:43



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CDMA Systems Division*

SECTION D

FCC ID: IHET5ZR1

SPURIOUS & HARMONIC EMISSIONS CONDUCTED

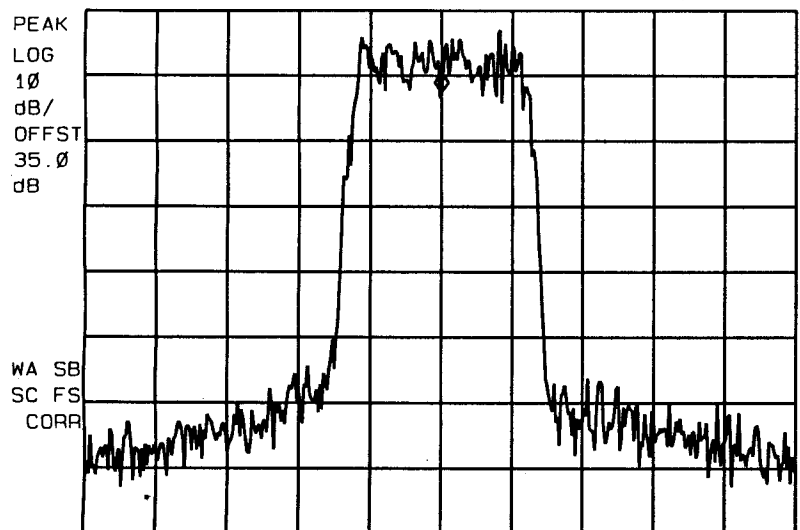
CDMA Transmitter Channel 777

Minimum Power

Channel 777
893.31 MHz
Minimum Power

15:57:30 AUG 11, 1999

REF 23.0 dBm #AT 10 dB MKR 893.310 MHz 10.34 dBm



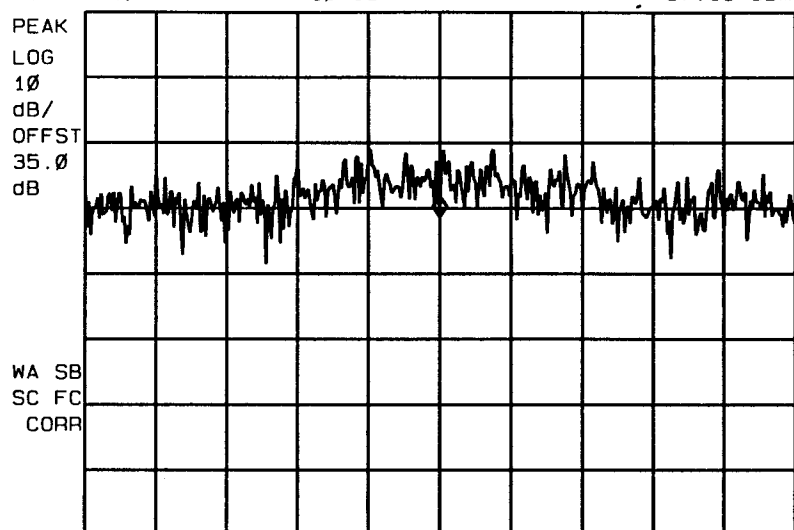
CENTER 893.310 MHz SPAN 5.000 MHz
#RES BW 30 kHz #VBW 30 kHz SWP 20.0 msec

IHET5ZR1
SC4812ET @800 MHz
CDMA BTS Frame

btsate
08-11-99
16:00:10

15:59:51 AUG 11, 1999

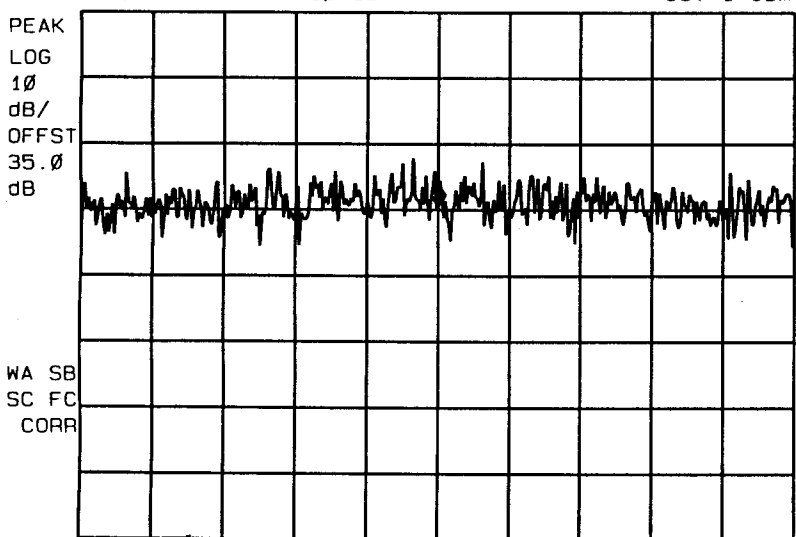
REF -26.0 dBm #AT 10 dB MKR 1.786620 GHz -57.35 dBm



CENTER 1.786620 GHz SPAN 5.000 MHz
#RES BW 30 kHz #VBW 30 kHz SWP 20.0 msec

16:00:07 AUG 11, 1999

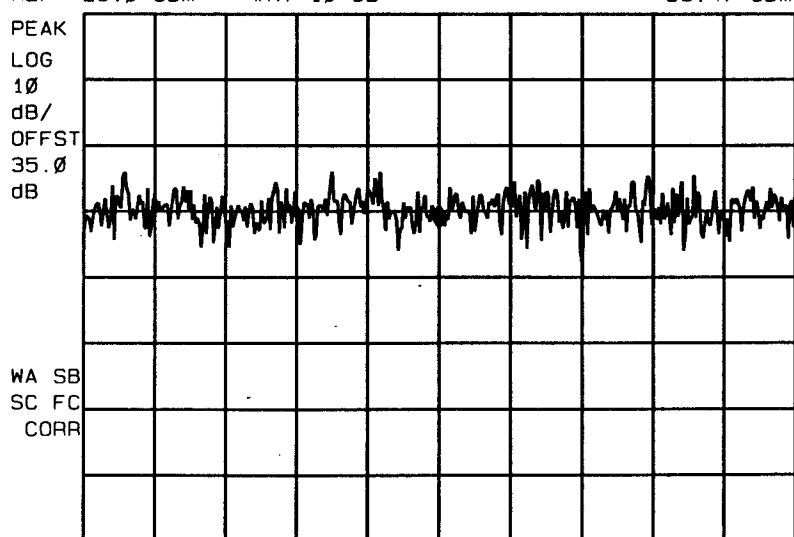
REF -26.0 dBm #AT 10 dB MKR 2.679930 GHz -55.41 dBm



CENTER 2.679930 GHz SPAN 5.000 MHz
#RES BW 30 kHz #VBW 30 kHz SWP 20.0 msec

16:00:20 AUG 11, 1999

REF -26.0 dBm #AT 10 dB MKR 3.573240 GHz -58.47 dBm

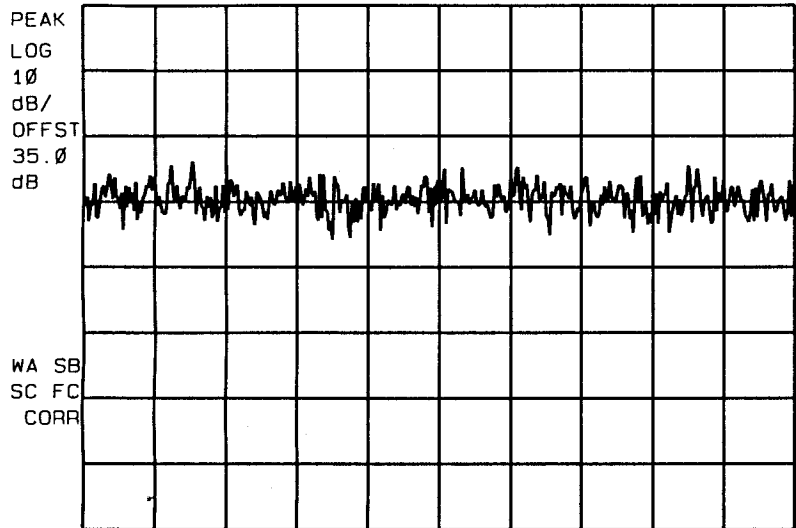


CENTER 3.573240 GHz SPAN 5.000 MHz
#RES BW 30 kHz #VBW 30 kHz SWP 20.0 msec

Channel 777
893.31 MHz
Minimum Power

16:01:22 AUG 11, 1999

REF -26.0 dBm #AT 10 dB MKR 4.466550 GHz
 -56.10 dBm



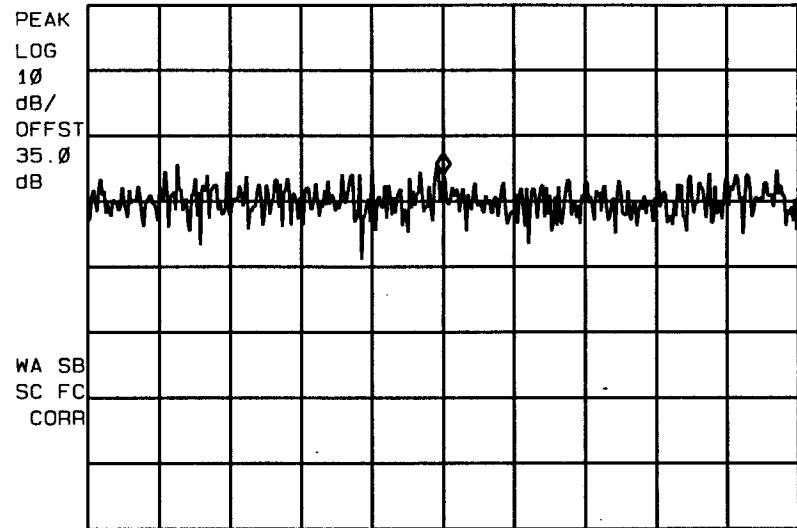
CENTER 4.466550 GHz SPAN 5.000 MHz
 #RES BW 30 kHz #VBW 30 kHz SWP 20.0 msec

IHET5ZR1
SC4812ET @800 MHz
CDMA BTS Frame

btsate
 08-11-99
 16:01:54

16:01:35 AUG 11, 1999

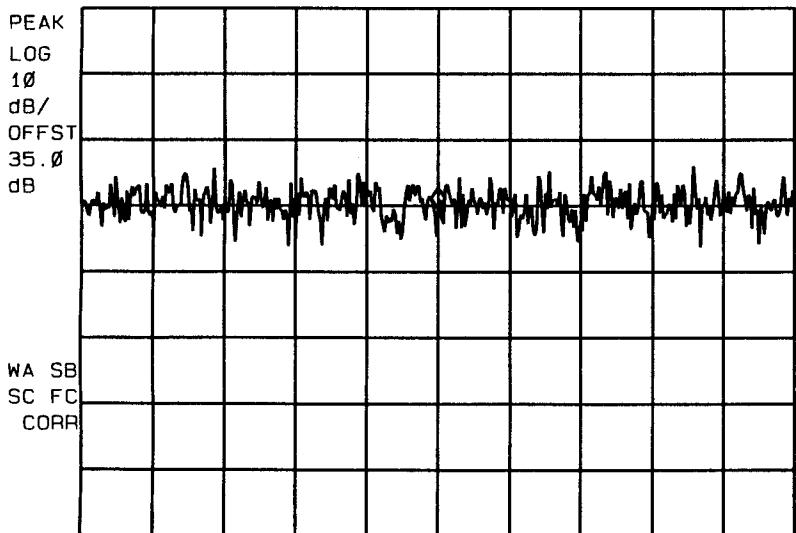
REF -26.0 dBm #AT 10 dB MKR 5.359860 GHz
 -51.91 dBm



CENTER 5.359860 GHz SPAN 5.000 MHz
 #RES BW 30 kHz #VBW 30 kHz SWP 20.0 msec

16:01:50 AUG 11, 1999

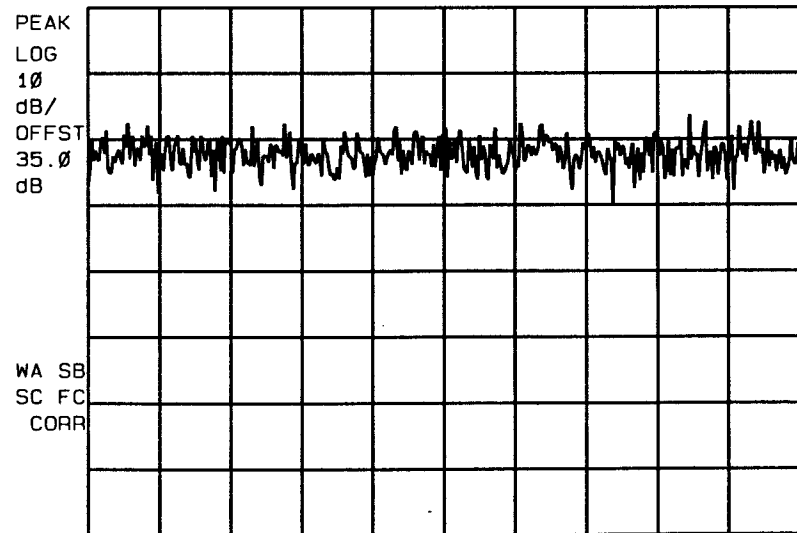
REF -26.0 dBm #AT 10 dB MKR 6.253170 GHz
 -56.45 dBm



CENTER 6.253170 GHz SPAN 5.000 MHz
 #RES BW 30 kHz #VBW 30 kHz SWP 20.0 msec

16:02:03 AUG 11, 1999

REF -26.0 dBm #AT 10 dB MKR 7.146480 GHz
 -48.37 dBm

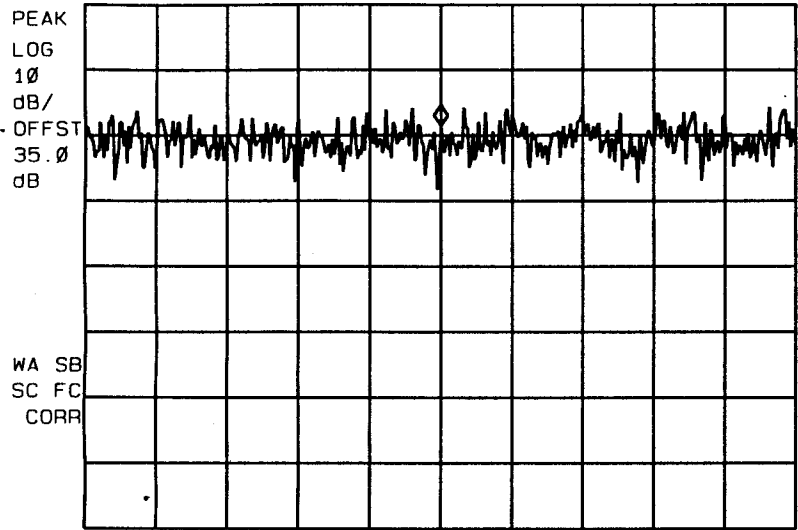


CENTER 7.146480 GHz SPAN 5.000 MHz
 #RES BW 30 kHz #VBW 30 kHz SWP 20.0 msec

Channel 777
893.31 MHz
Minimum Power

16:02:44 AUG 11, 1999

REF -26.0 dBm #AT 10 dB MKR 8.039790 GHz
-44.58 dBm



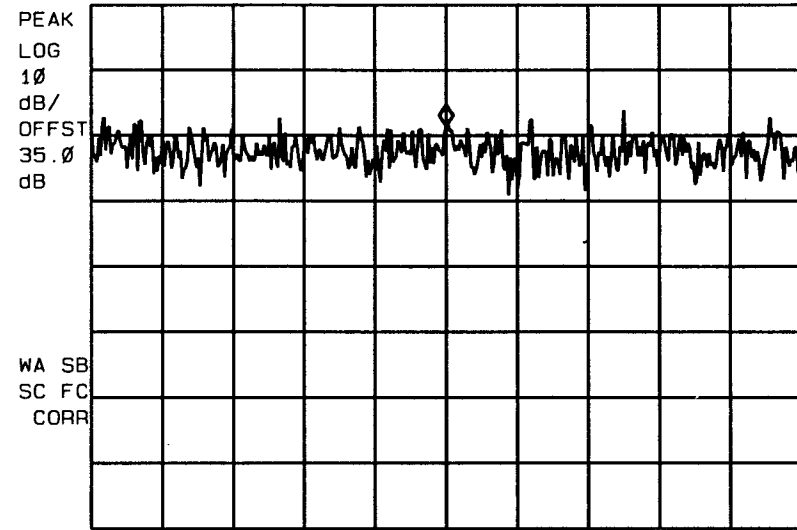
CENTER 8.039790 GHz SPAN 5.000 MHz
#RES BW 30 kHz #VBW 30 kHz SWP 20.0 msec

IHET5ZR1
SC4812ET @800 MHz
CDMA BTS Frame

btsate
08-11-99
16:02:48

16:02:57 AUG 11, 1999

REF -26.0 dBm #AT 10 dB MKR 8.933100 GHz
-44.54 dBm



CENTER 8.933100 GHz SPAN 5.000 MHz
#RES BW 30 kHz #VBW 30 kHz SWP 20.0 msec



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Network Systems Group
CDMA Systems Division

FCC ID: IHET5ZR1

SECTION E

OCCUPIED BANDWIDTH



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SECTION E

FCC ID: IHET5ZR1

OCCUPIED BANDWIDTH

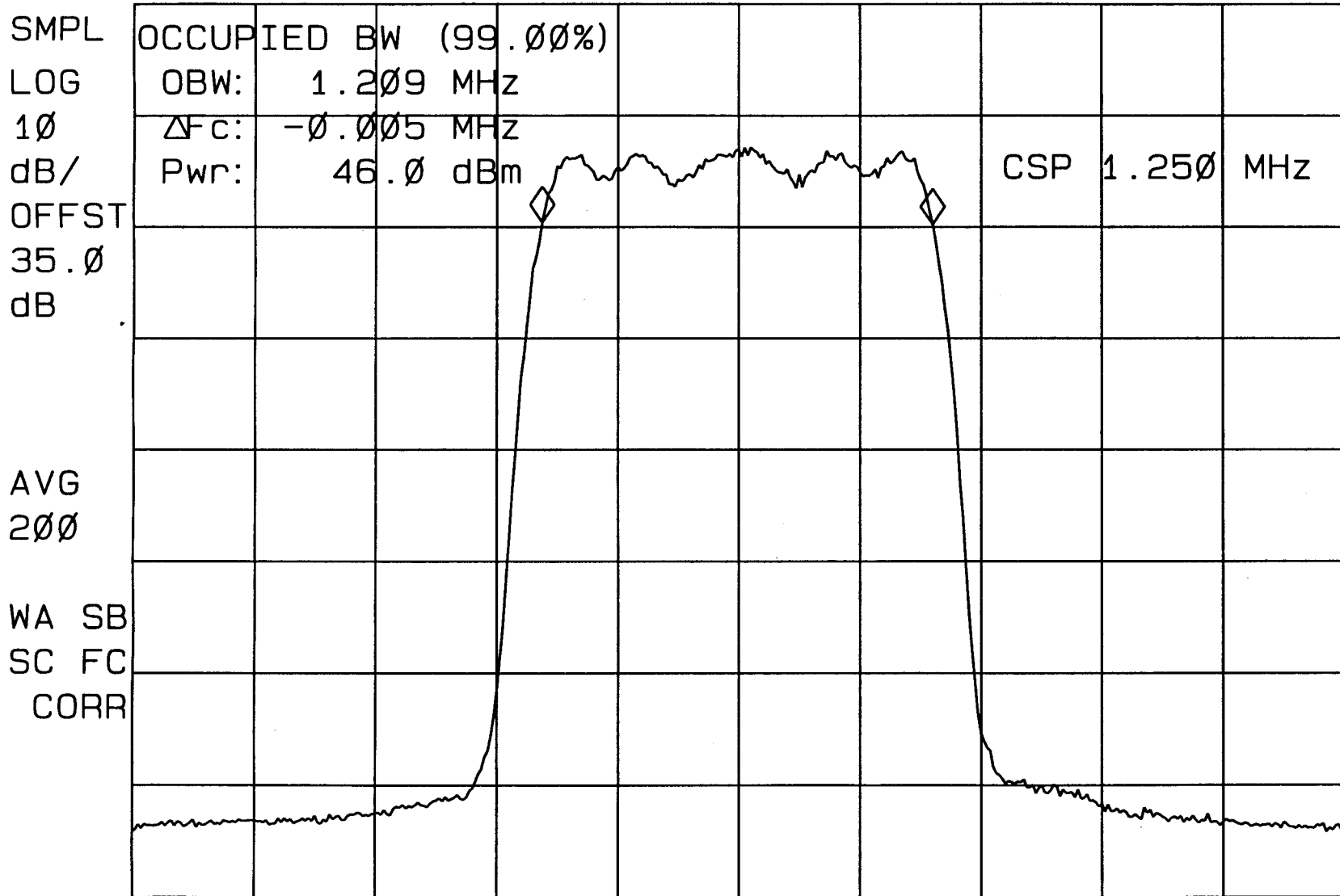
Maximum Power

16:53:07 AUG 11, 1999
/p

Channel 1013
869.70 MHz
Maximum Power

IHET5ZR1
SC4812ET @800 MHz
CDMA BTS Frame

REF 45.0 dBm #AT 40 dB



CENTER 869.700 MHz
#RES BW 30 kHz

#VBW 30 kHz

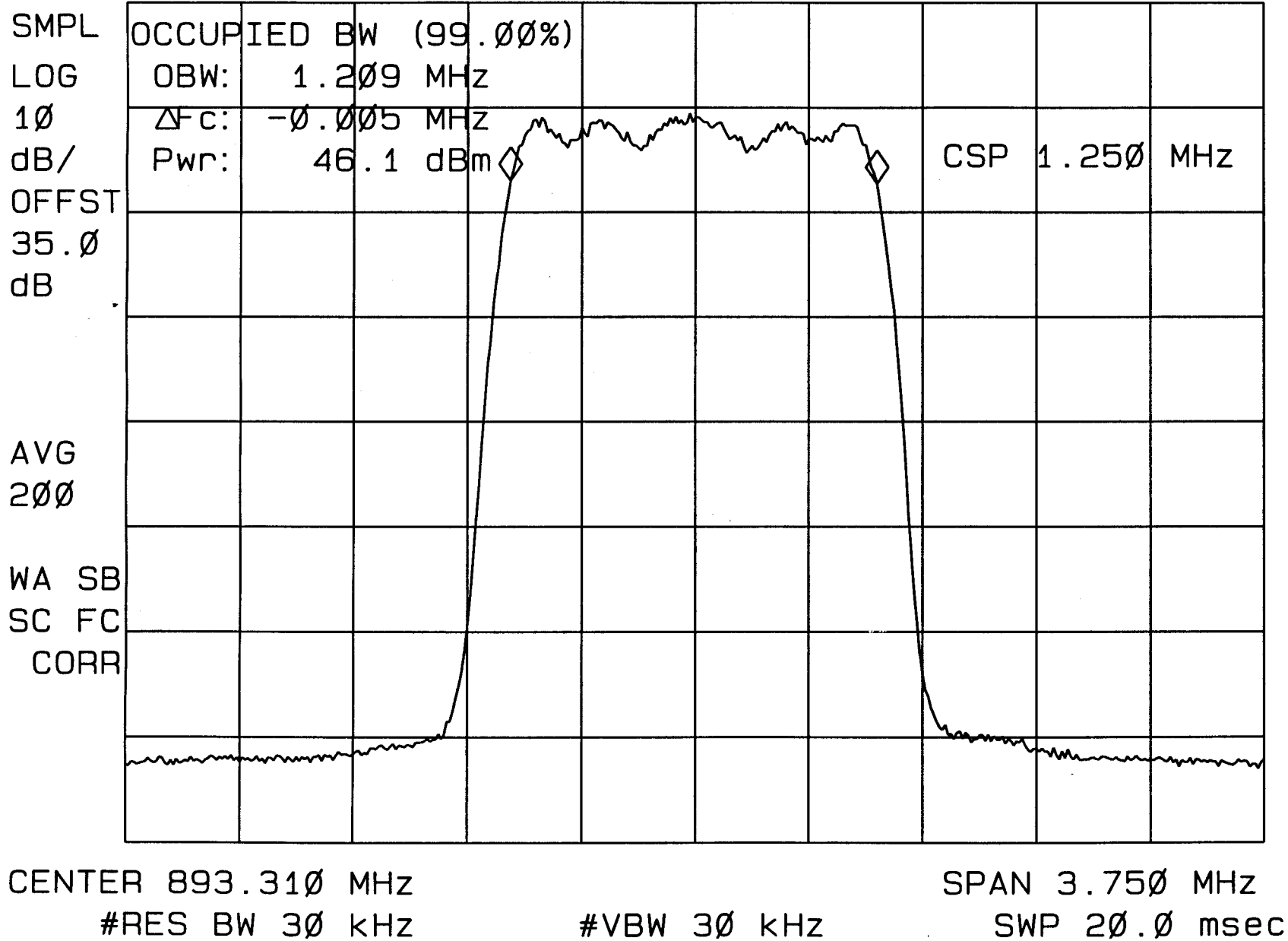
SPAN 3.750 MHz
SWP 20.0 msec

13:57:40 AUG 11, 1999
/h/

Channel 777
893.31 MHz
Maximum Power

IHET5ZR1
SC4812ET @800 MHz
CDMA BTS Frame

REF 43.0 dBm #AT 40 dB





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SECTION E

FCC ID: IHET5ZR1

OCCUPIED BANDWIDTH

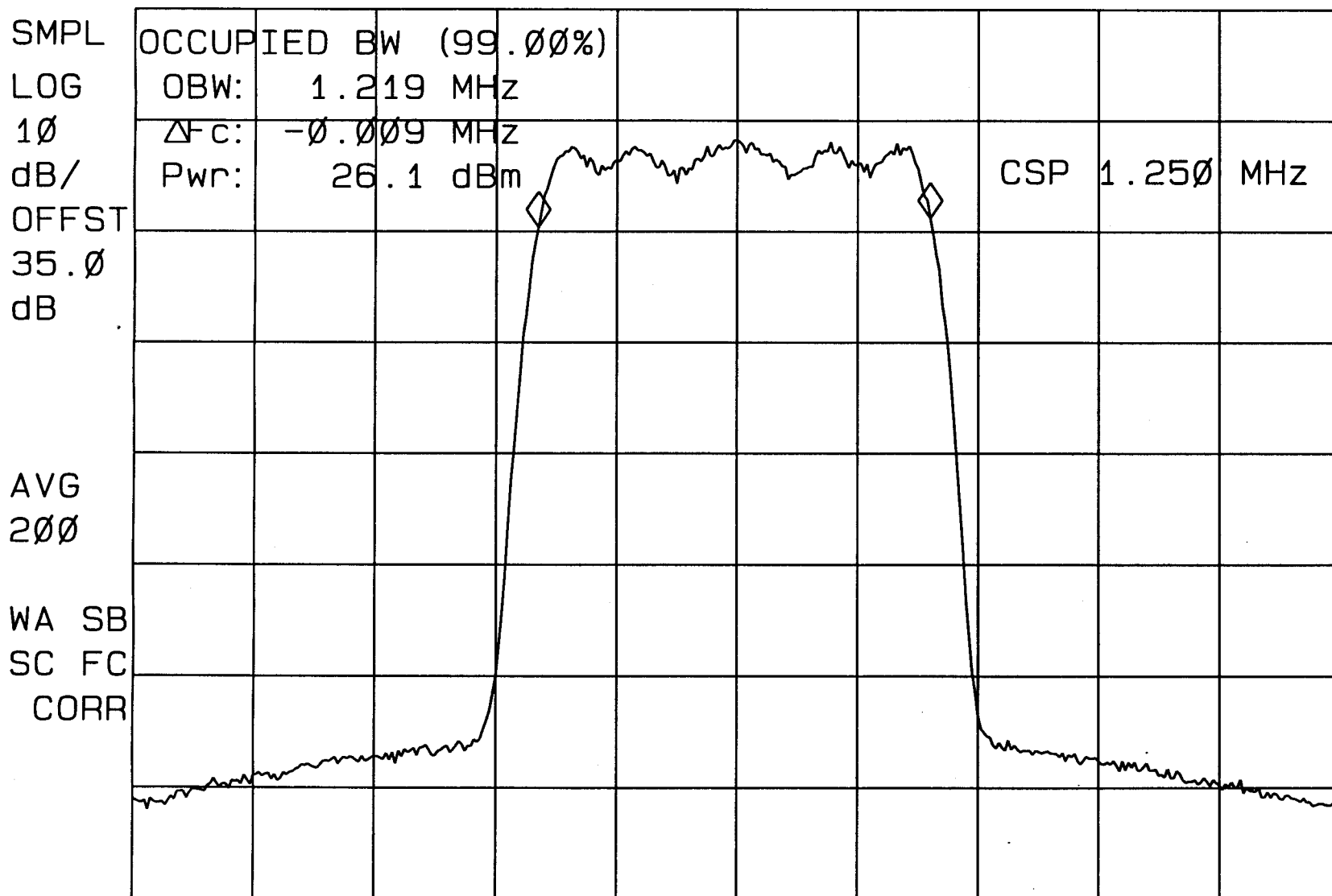
Minimum Power

16: 55: 05 AUG 11, 1999
hp

Channel 1013
869.70 MHz
Minimum Power

IHET5ZR1
SC4812ET @800 MHz
CDMA BTS Frame

REF 24.0 dBm #AT 10 dB



CENTER 869.700 MHz
#RES BW 30 kHz

#VBW 30 kHz

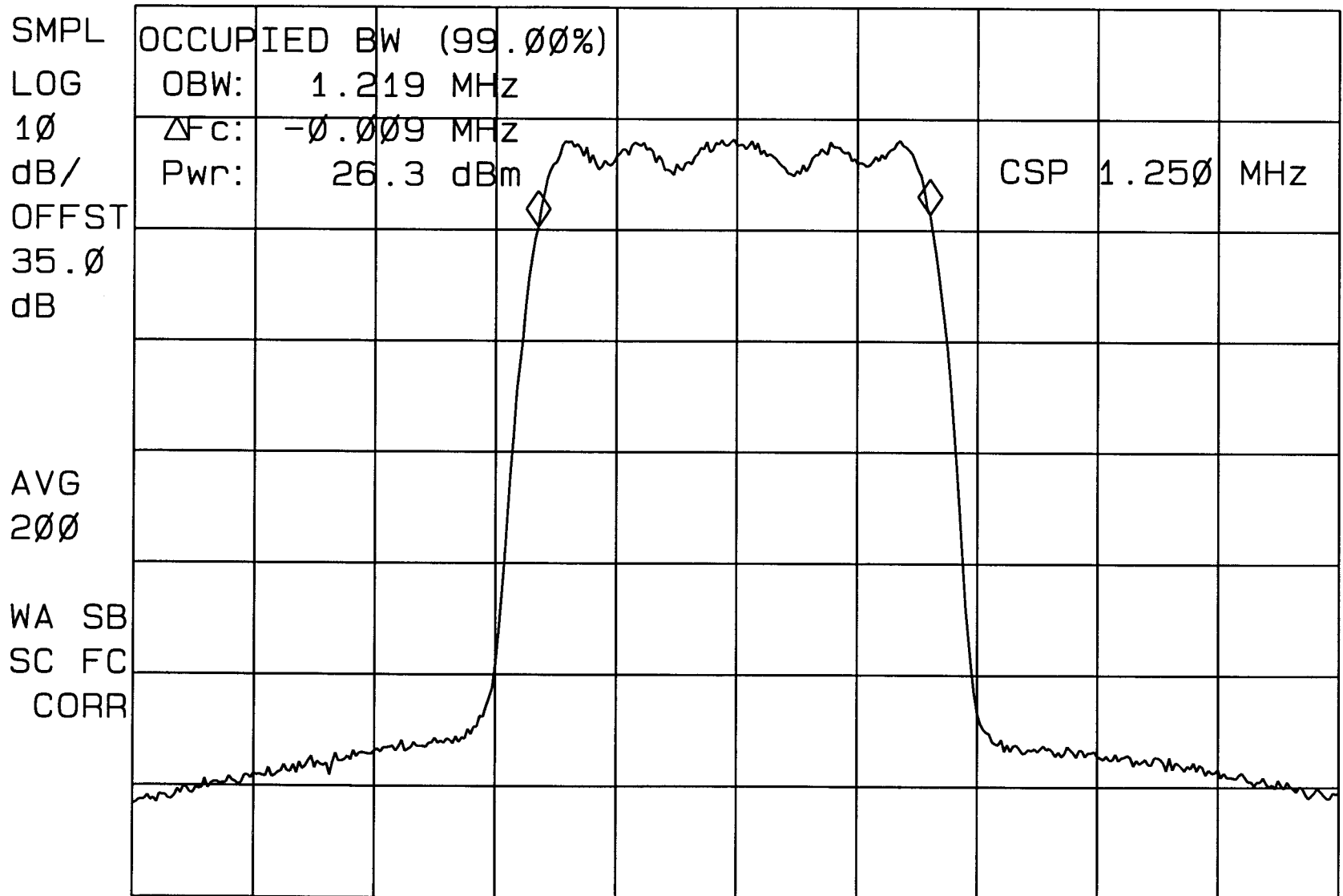
SPAN 3.750 MHz
SWP 20.0 msec

14:06:17 AUG 18, 1999
hp

Channel 777
893.31 MHz
Minimum Power

IHET5ZR1
SC4812ET @800 MHz
CDMA BTS Frame

REF 24.0 dBm #AT 10 dB



CENTER 893.310 MHz
#RES BW 30 kHz

#VBW 30 kHz

SPAN 3.750 MHz
SWP 20.0 msec



MOTOROLA

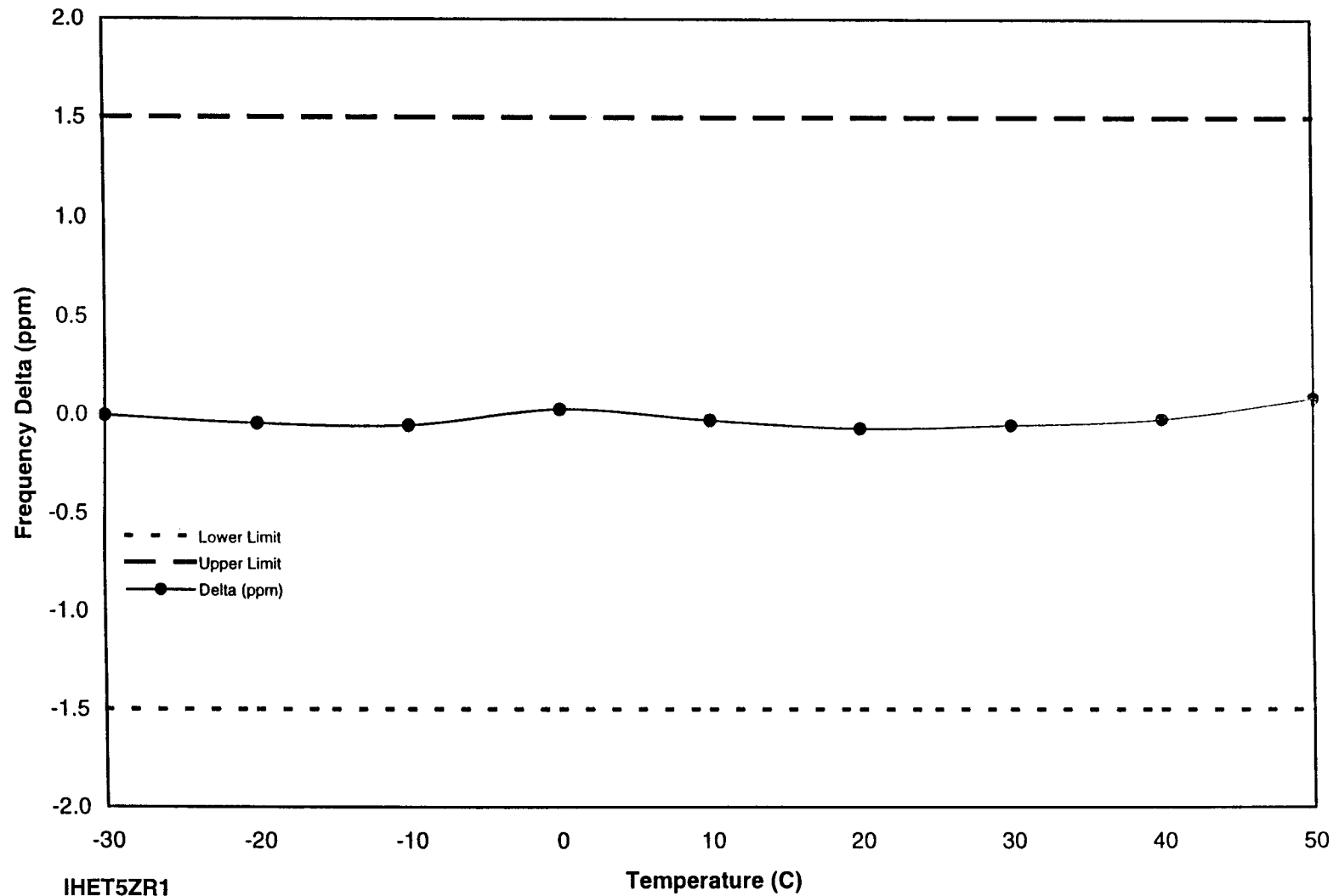
*Network Systems Group
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FCC ID: IHET5ZR1

SECTION F

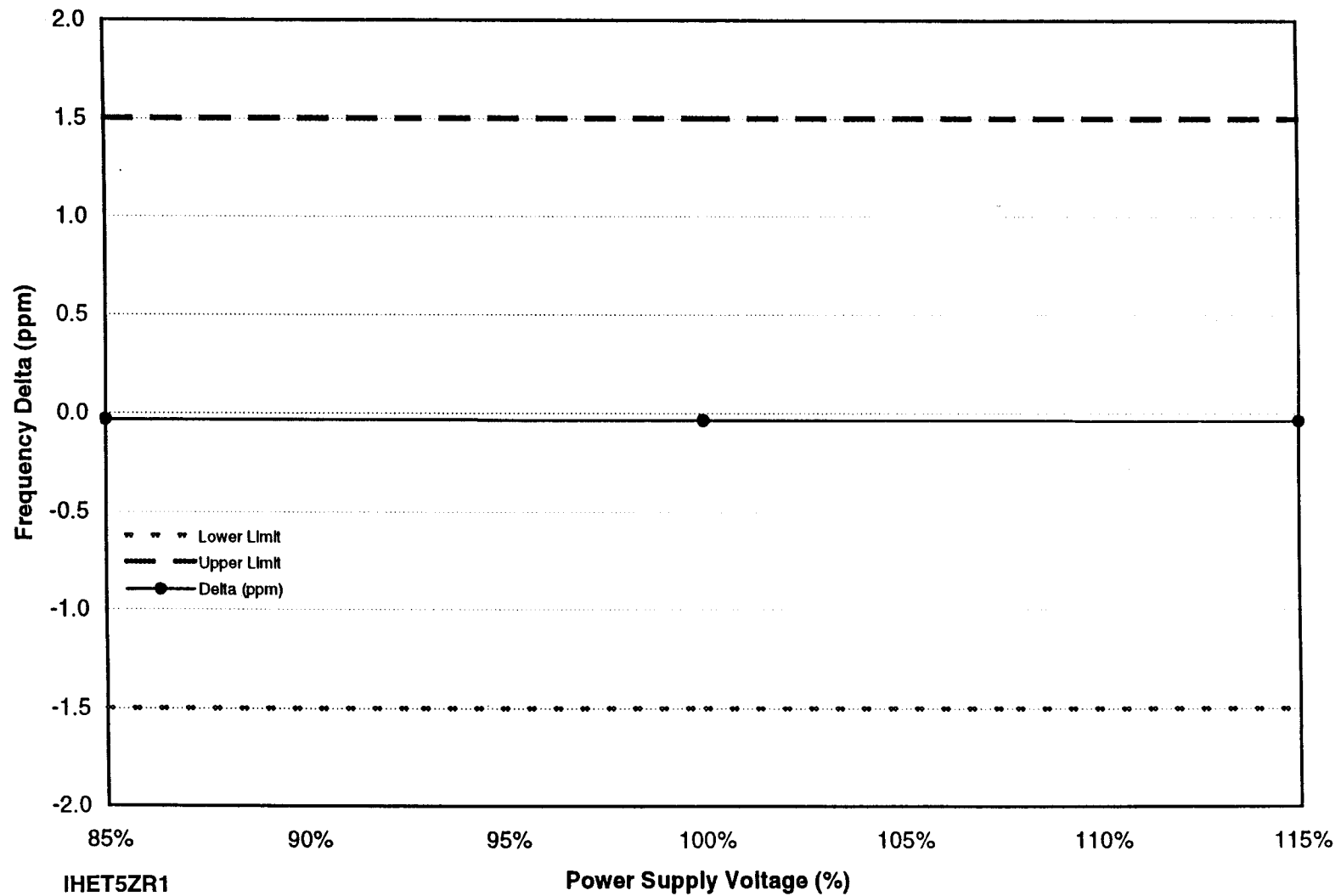
FREQUENCY STABILITY

Frequency Stability Over Temperature - CSM1



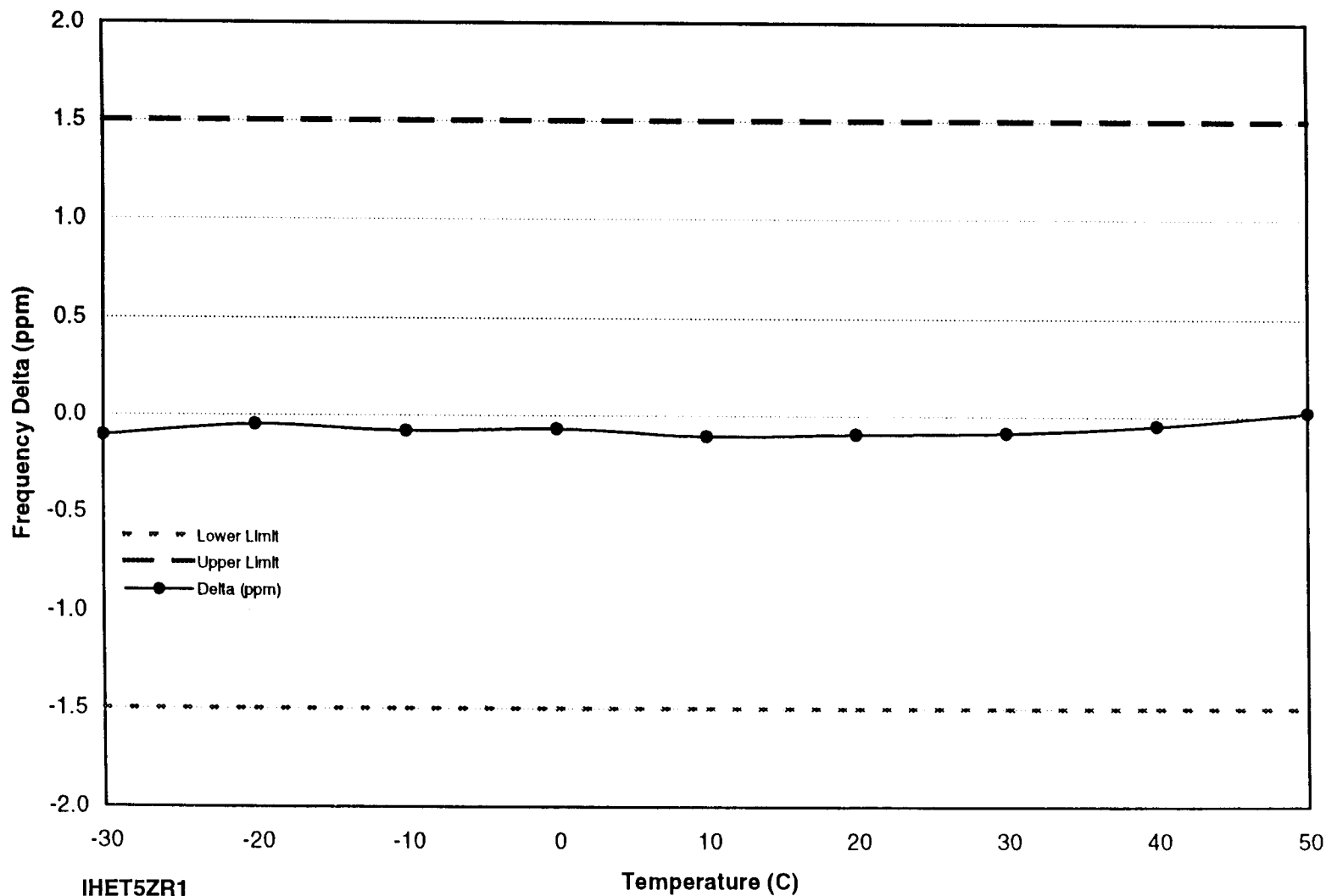
IHET5ZR1
SC4812ET @800 MHz
CDMA BTS Frame

Frequency Stability with Varying Supply Voltage - CSM1



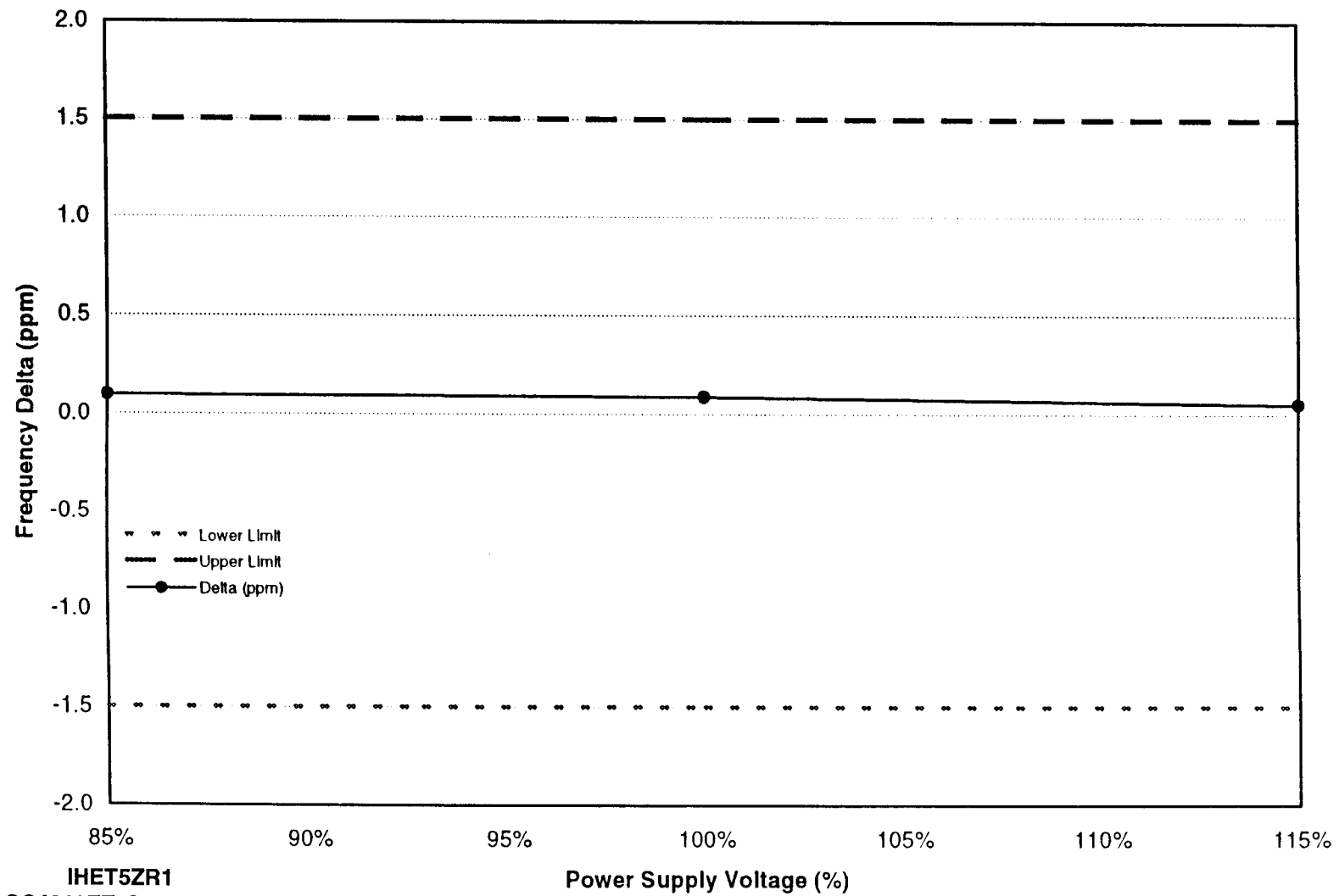
IHET5ZR1
SC4812ET @800 MHz
CDMA BTS Frame

Frequency Stability Over Temperature - CSM2



IHET5ZR1
SC4812ET @800 MHz
CDMA BTS Frame

Frequency Stability with Varying Supply Voltage - CSM2



IHET5ZR1
SC4812ET @800 MHz
CDMA BTS Frame