



MOTOROLA

*Network Systems Group
CDMA Systems Division*

SECTION D

FCC ID: IHET5AP2

SPURIOUS & HARMONIC EMISSIONS CONDUCTED

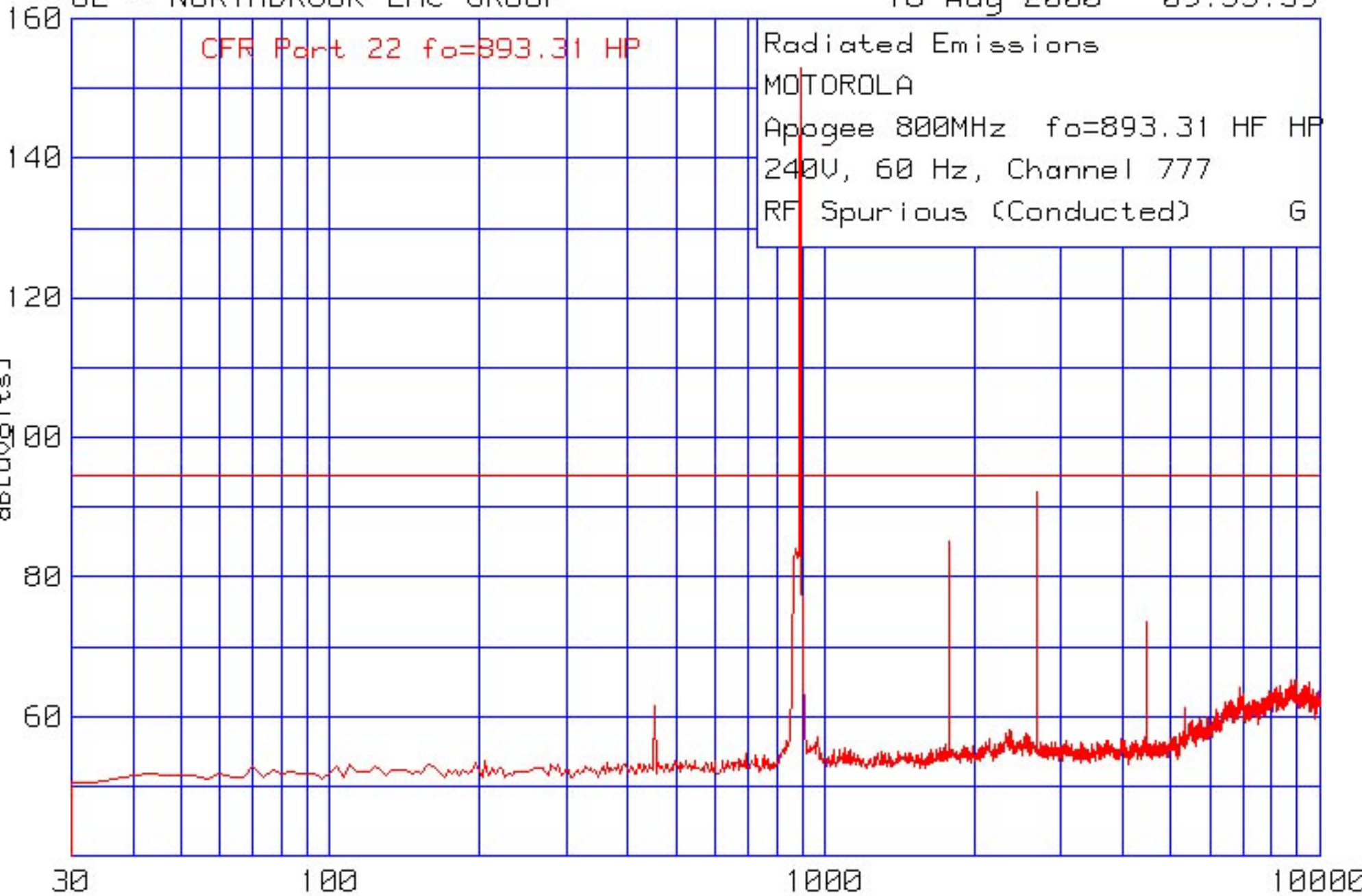
CDMA Transmitter Channel 777

Maximum Power

CFR Part 22 fo=893.31 HP

Radiated Emissions
MOTOROLA
Apogee 800MHz fo=893.31 HF HP
240V, 60 Hz, Channel 777
RF Spurious (Conducted) G

dB[uVg/1s]



IHET5AP2
SC4812ETL @ 800MHz
CDMA BTS

CFR Part 22 fo=893.31 HP

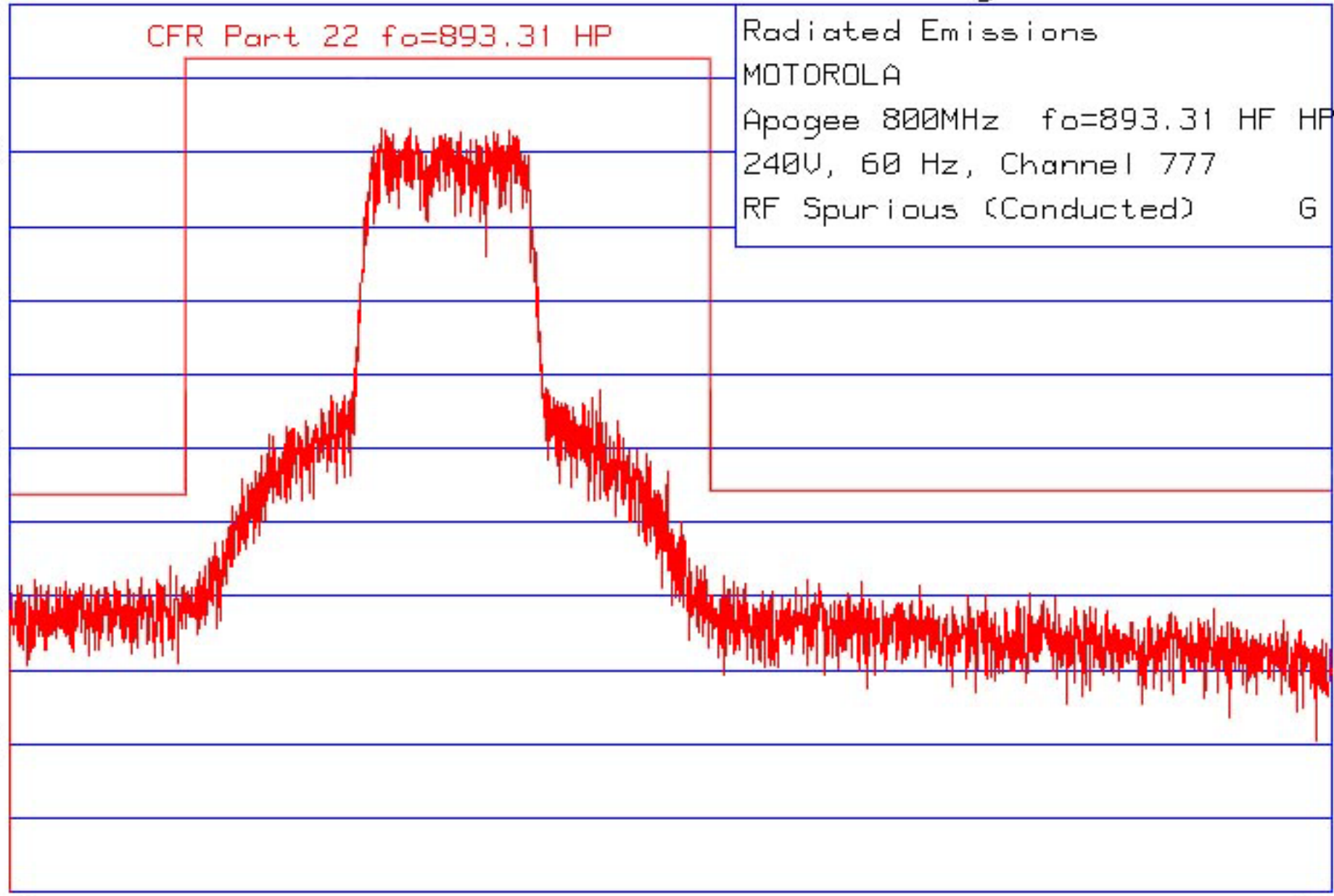
Radiated Emissions
MOTOROLA
Apogee 800MHz fo=893.31 HF HF
240V, 60 Hz, Channel 777
RF Spurious (Conducted) G

dB[uVg|ts]

160
140
120
100
80
60

890 900

IHET5AP2
SC4812ETL @ 800MHz
CDMA BTS





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FCC ID: IHET5AP2

SPURIOUS & HARMONIC EMISSIONS CONDUCTED

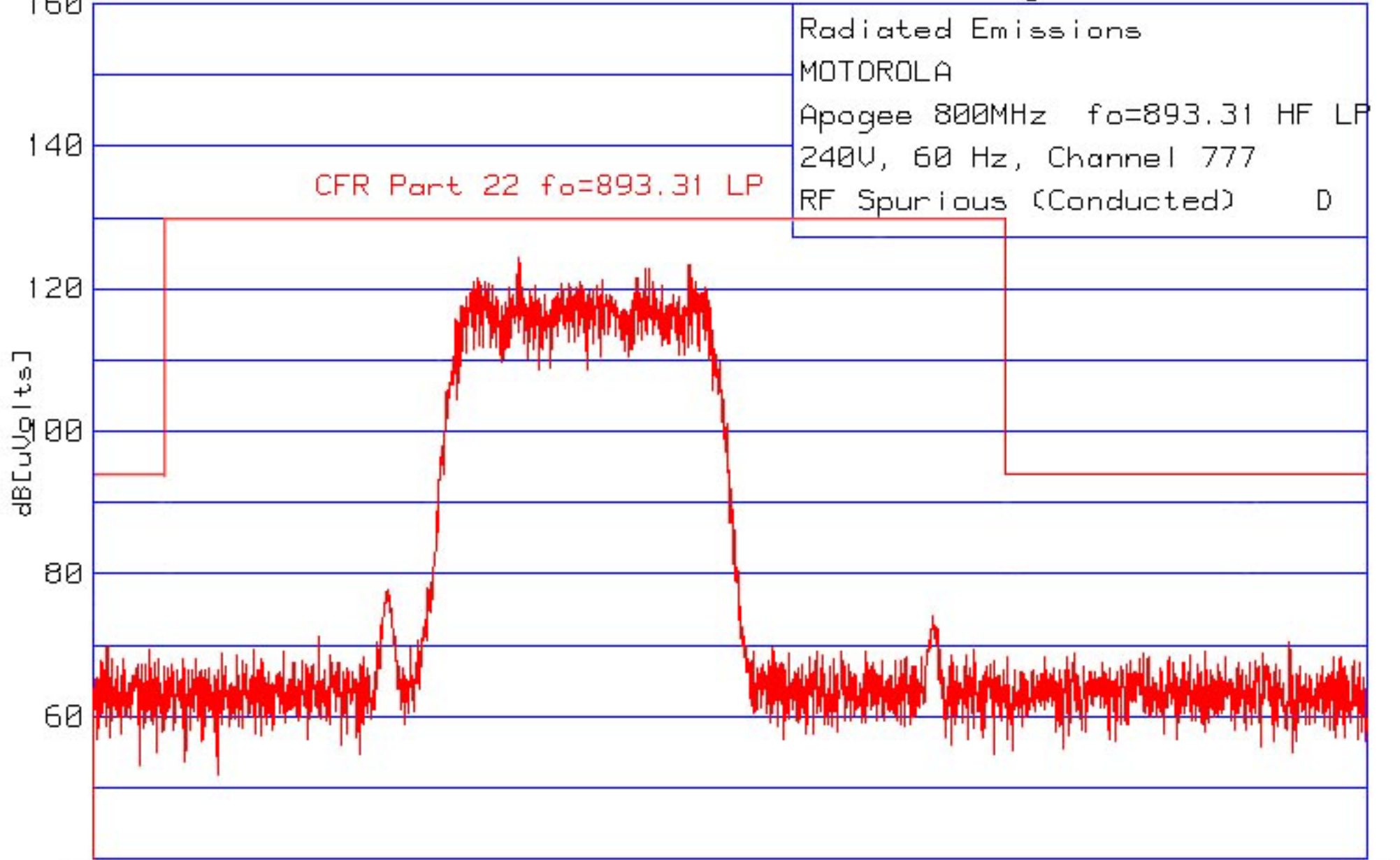
CDMA Transmitter Channel 777

Minimum Power



Radiated Emissions
MOTOROLA
Apogee 800MHz fo=893.31 HF LP
240V, 60 Hz, Channel 777
RF Spurious (Conducted) D

IHET5AP2
SC4812ETL @ 800MHz
CDMA BTS



IHET5AP2
SC4812ETL @ 800MHz
CDMA BTS



MOTOROLA

Cellular Infrastructure Group

FCC ID: IHET5AP2

SECTION E

Occupied Bandwidth

Maximum Power

Channel 1013
869.70 MHz
Maximum Power

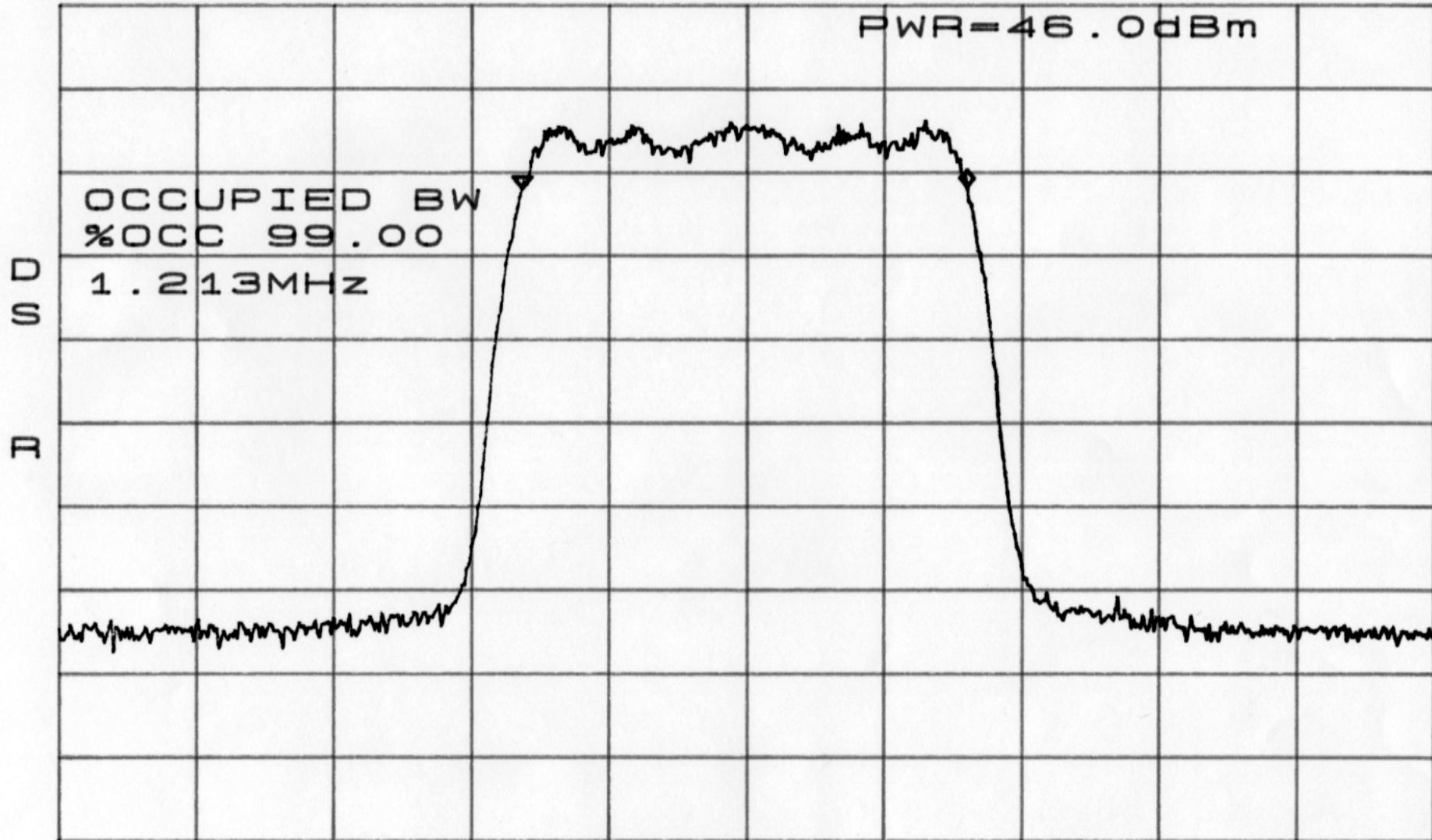
*ATT 0
RL 45.0dBm

VAVG 200
10dB/

Δ MKR 0dB
1.213MHz

IHET5AP2
SC4812ETL @ 800 MHz
CDMA BTS Frame

PWR=46.0dBm



CENTER 869.700MHz

RBW 30kHz

VBW 30kHz

SPAN 3.750MHz

*SWP 50.0ms

Channel 777
893.31 MHz
Maximum Power

VAVG 200
10dB/

Δ MKR 0dB
1.206MHz

IHET5AP2
SC4812ETL @ 800 MHz
CDMA BTS Frame

RL 45.0dBm

PWR=46.0dBm

dB
μ

OCCUPIED BW
%OCC 99.00
1.206MHz

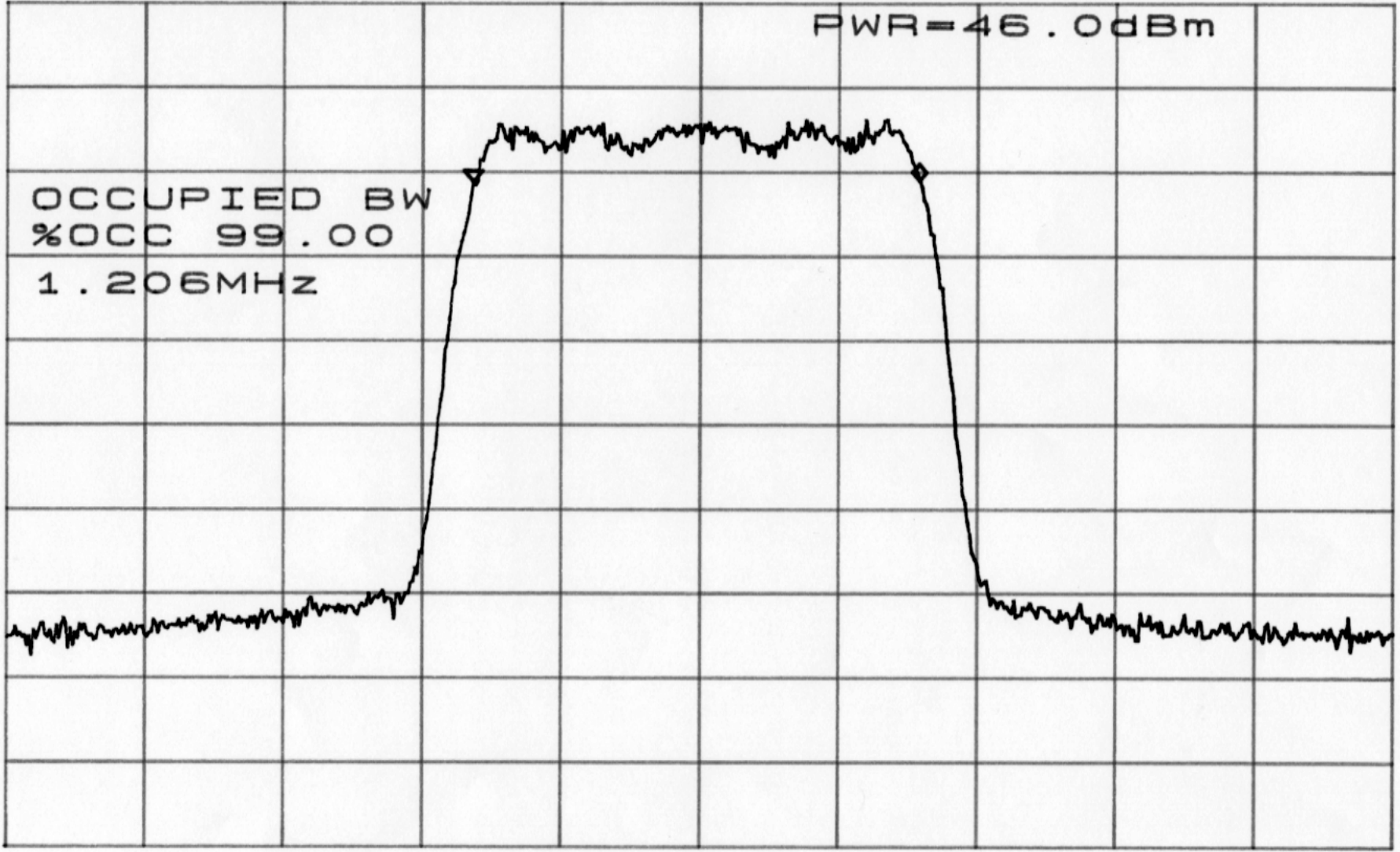
CENTER 893.310MHz

SPAN 3.750MHz

RBW 30kHz

VBW 30kHz

SWP 50.0ms





MOTOROLA

Cellular Infrastructure Group

FCC ID: IHET5AP2

Occupied Bandwidth

Minimum Power

Channel 1013
869.70 MHz
Minimum Power

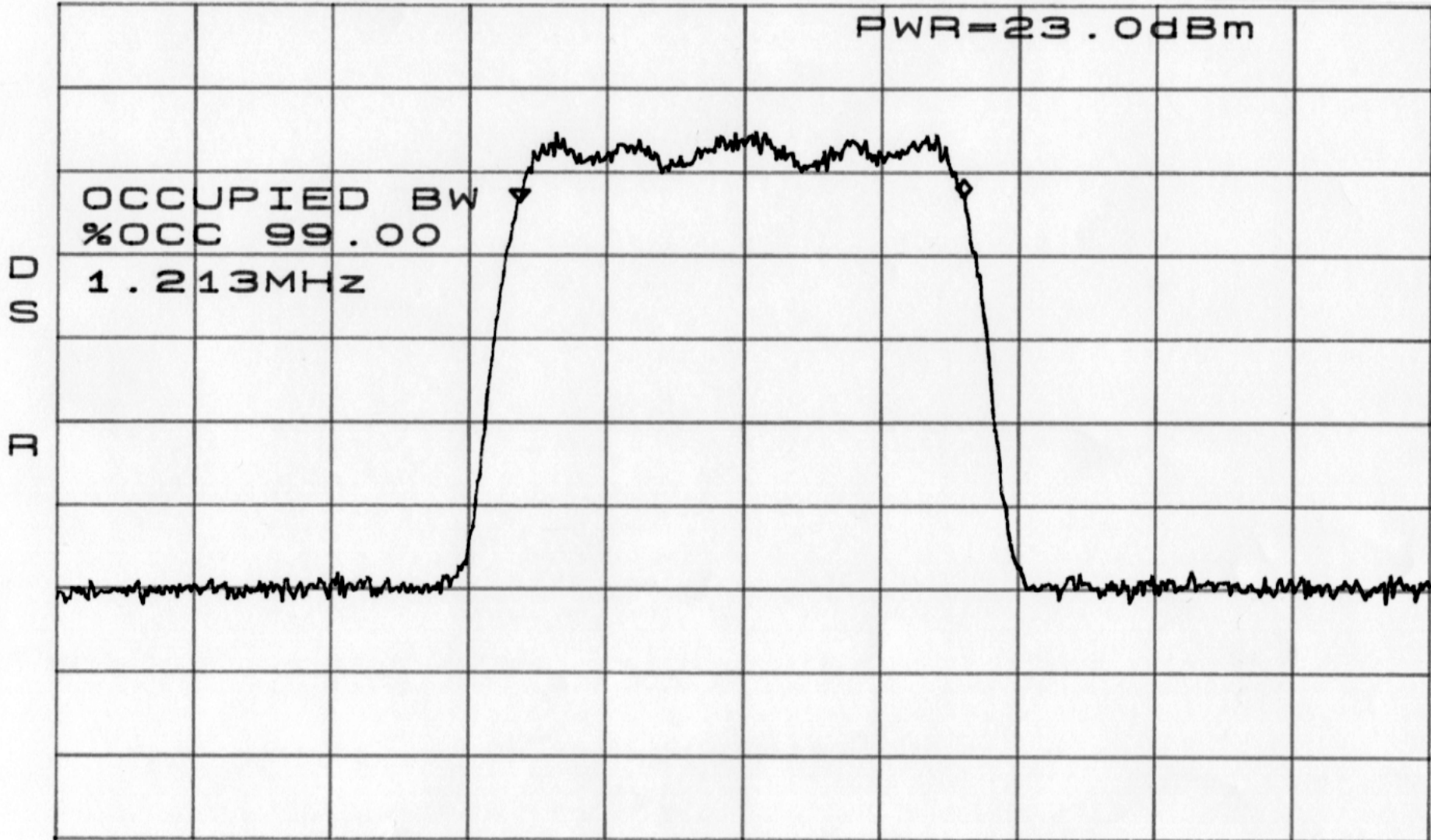
*ATTEN 24.0dBm

VAVG 200
10dB/

ΔMKR .84dB
1.213MHz

IHET5AP2
SC4812ETL @ 800 MHz
CDMA BTS Frame

PWR=23.0dBm



CENTER 869.700MHz

SPAN 3.750MHz

RBW 30kHz

VBW 30kHz

*SWP 50.0ms

Channel 777
893.31 MHz
Minimum Power

*ATTEN

RL 24.0dBm

VAVG 200
10dB/

Δ MKR .67dB
1.206MHz

IHET5AP2
SC4812ETL @ 800 MHz
CDMA BTS Frame

PWR=23.0dBm

SD
II

OCCUPIED BW
%OCC 99.00
1.206MHz

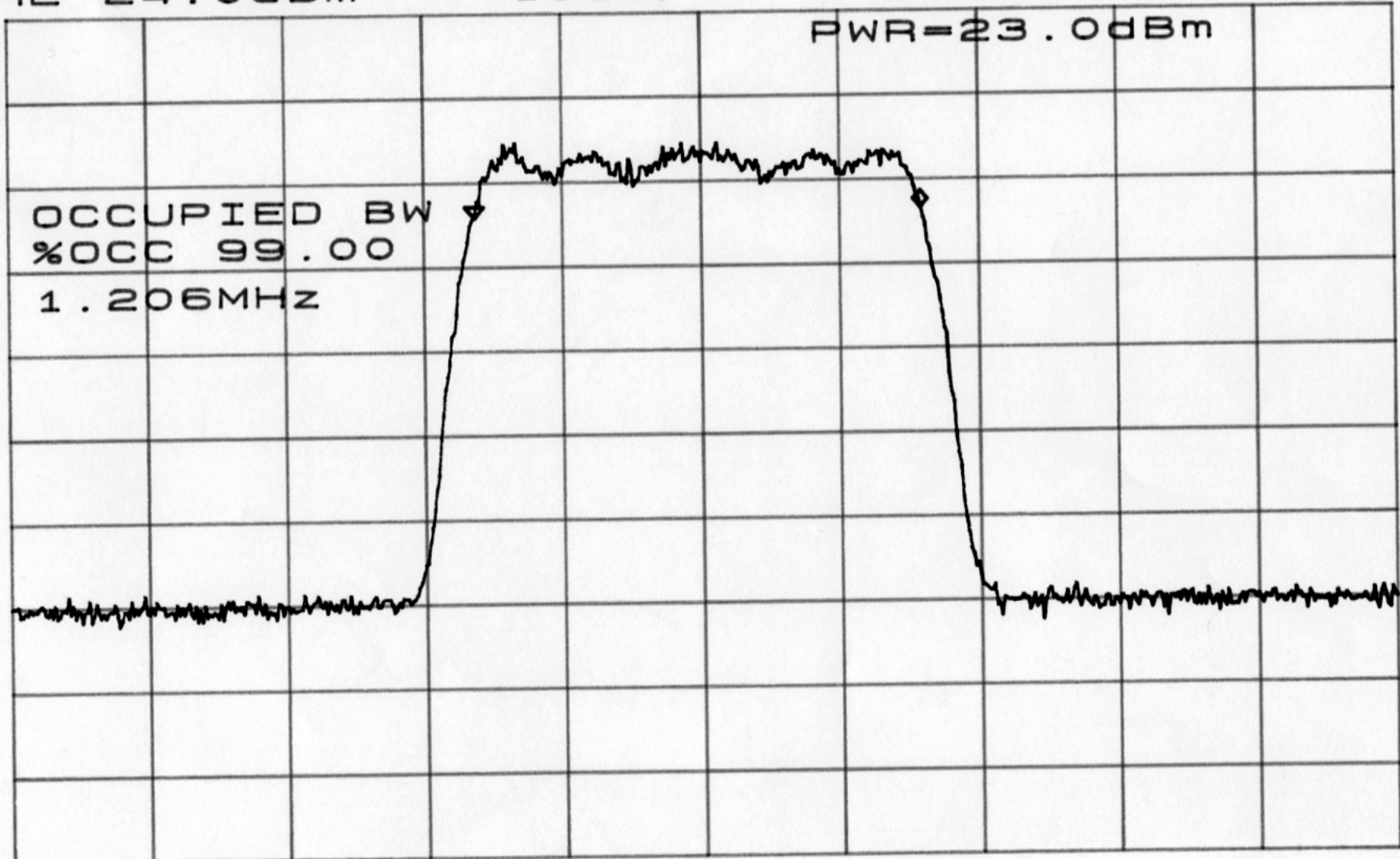
CENTER 893.310MHz

SPAN 3.750MHz

RBW 30kHz

VBW 30kHz

*SWP 50.0ms





MOTOROLA

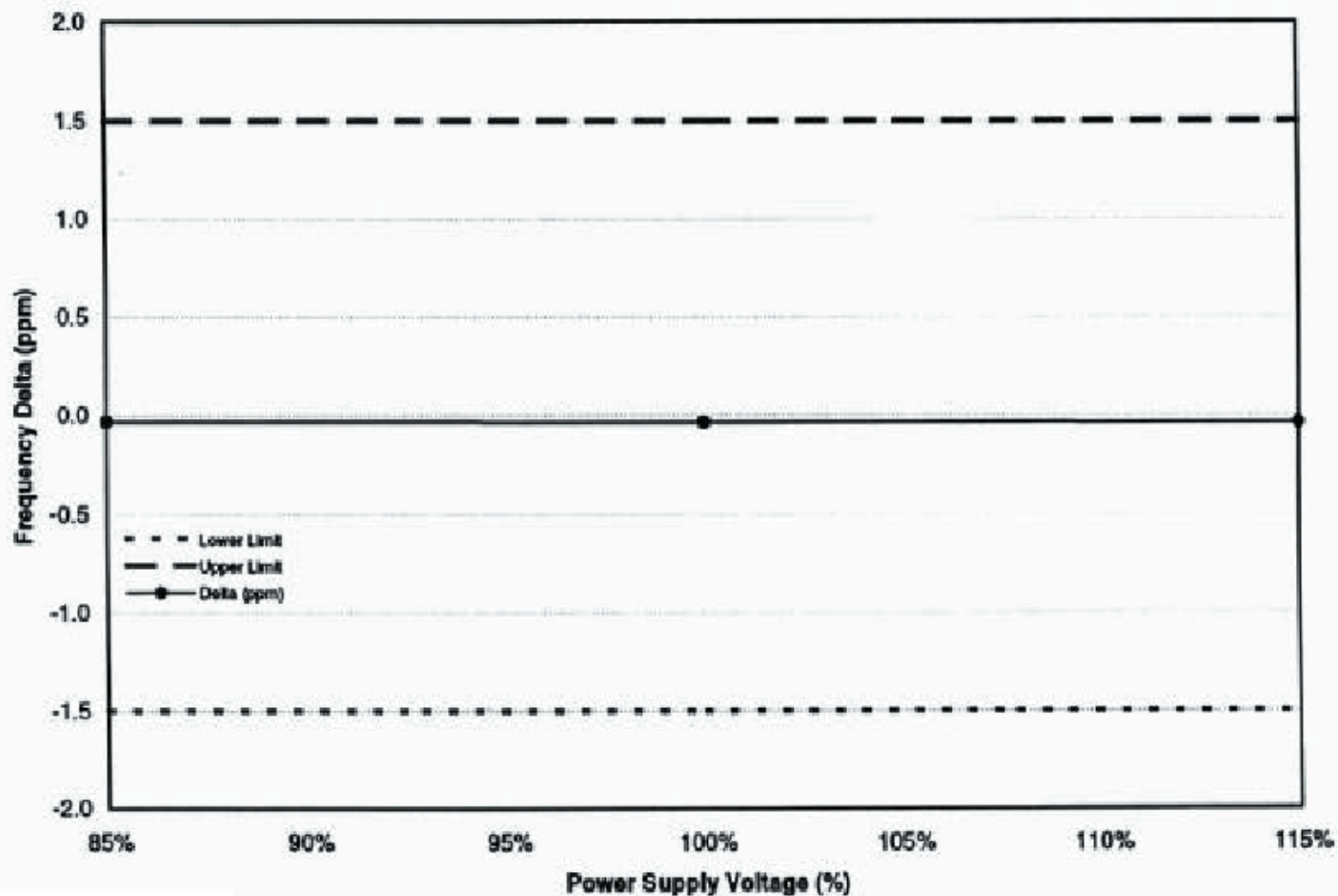
Cellular Infrastructure Group

FCC ID: IHET5AP2

SECTION F

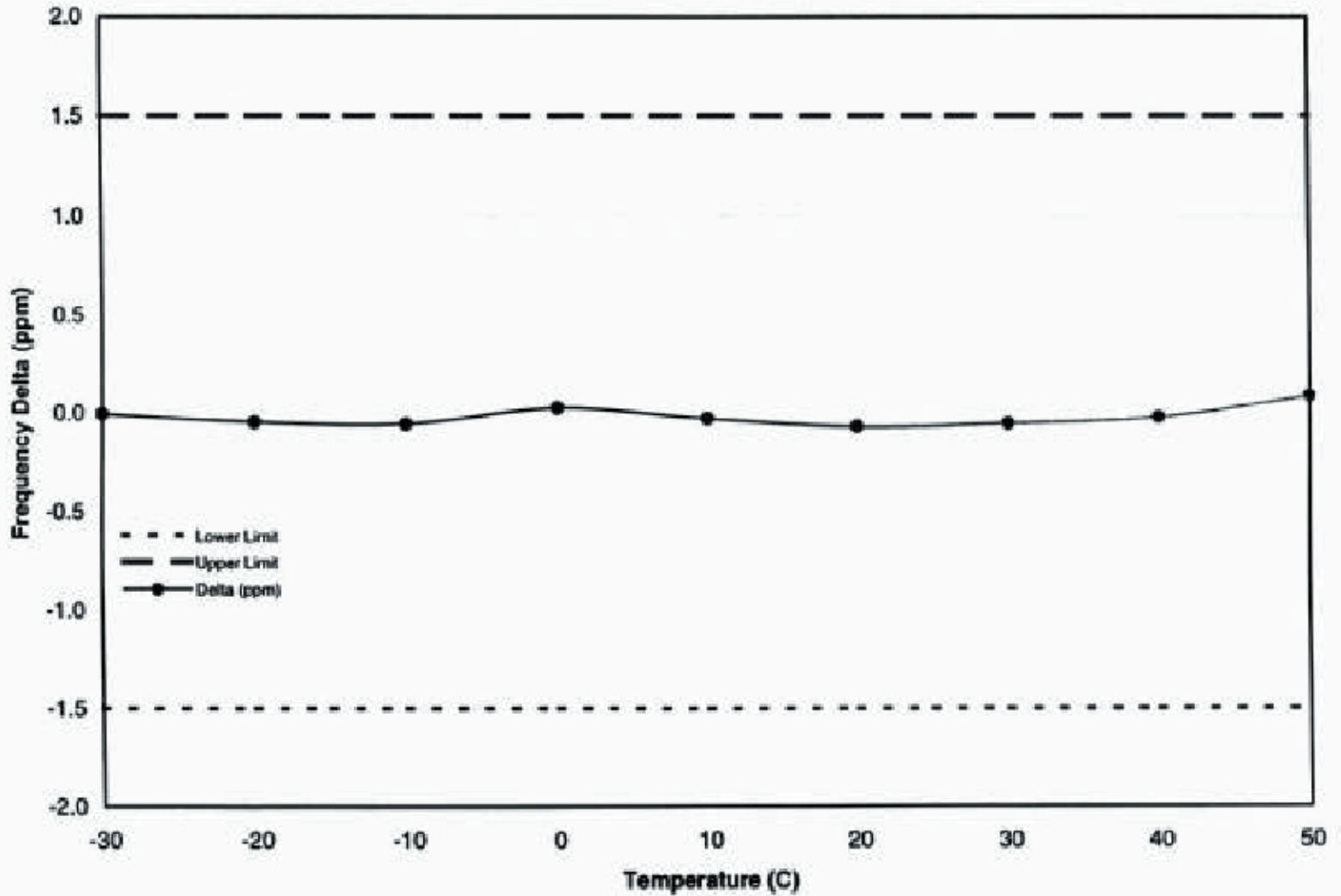
Frequency Stability

Frequency Stability with Varying Supply Voltage - CSM1



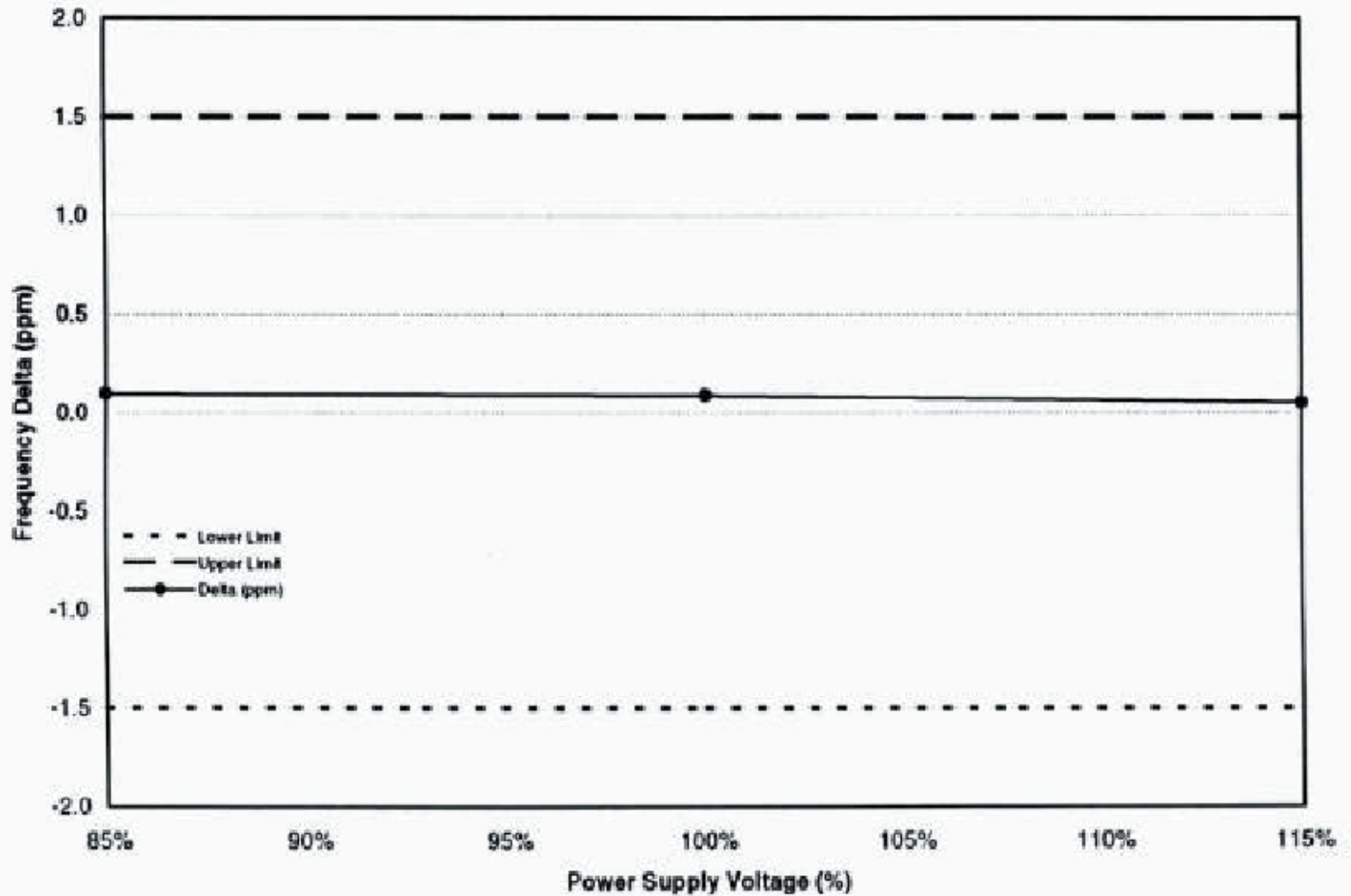
IHET5AP2
SC4812ETL 800MHz
CDMA BTS

Frequency Stability Over Temperature - CSM1



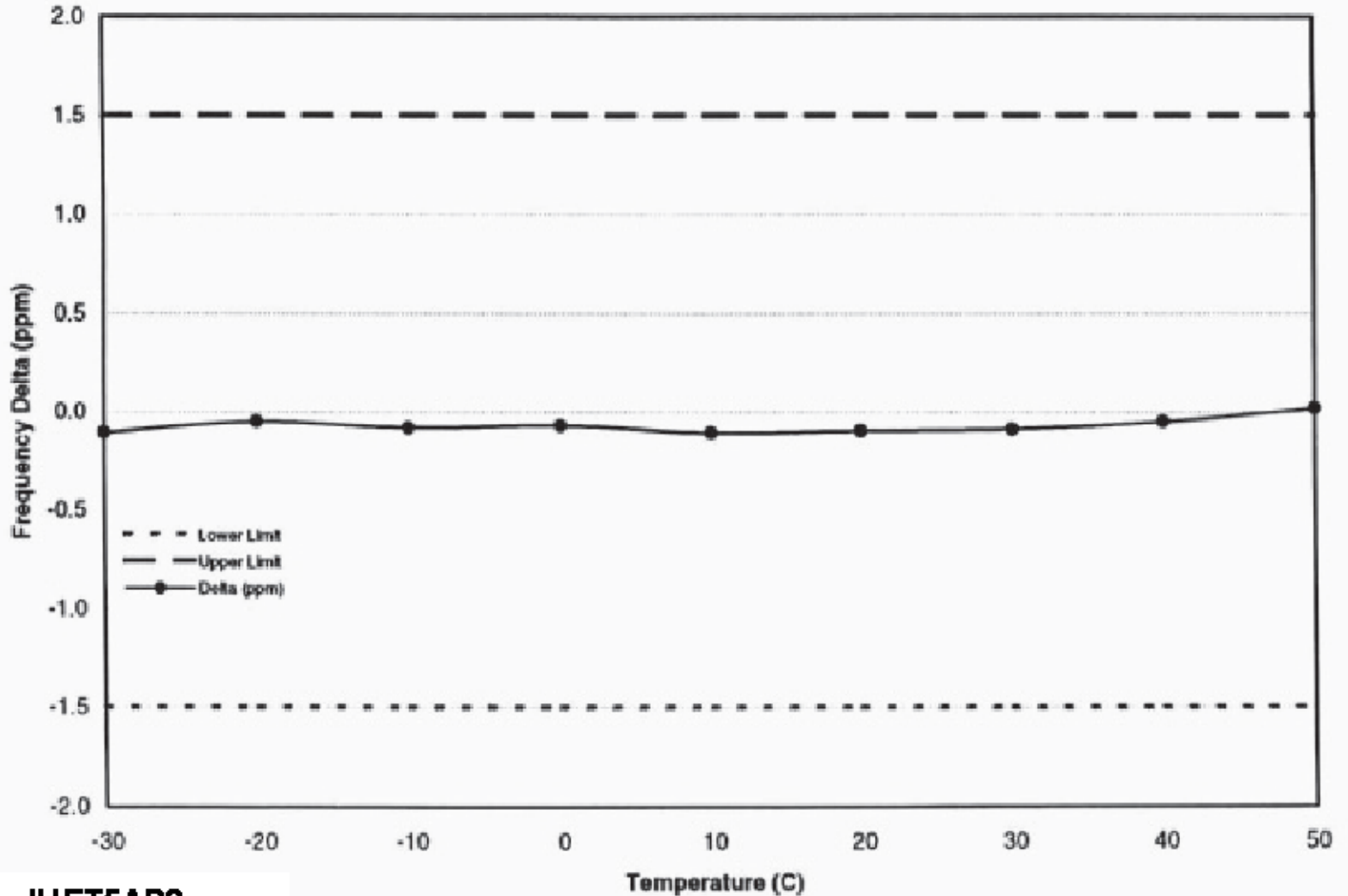
IHET5AP2
SC4812ETL 800MHz
CDMA BTS

Frequency Stability with Varying Supply Voltage - CSM2



IHET5AP2
SC4812ETL 800MHz
CDMA BTS

Frequency Stability Over Temperature - CSM2



IHET5AP2
SC4812ETL 800MHz
CDMA BTS