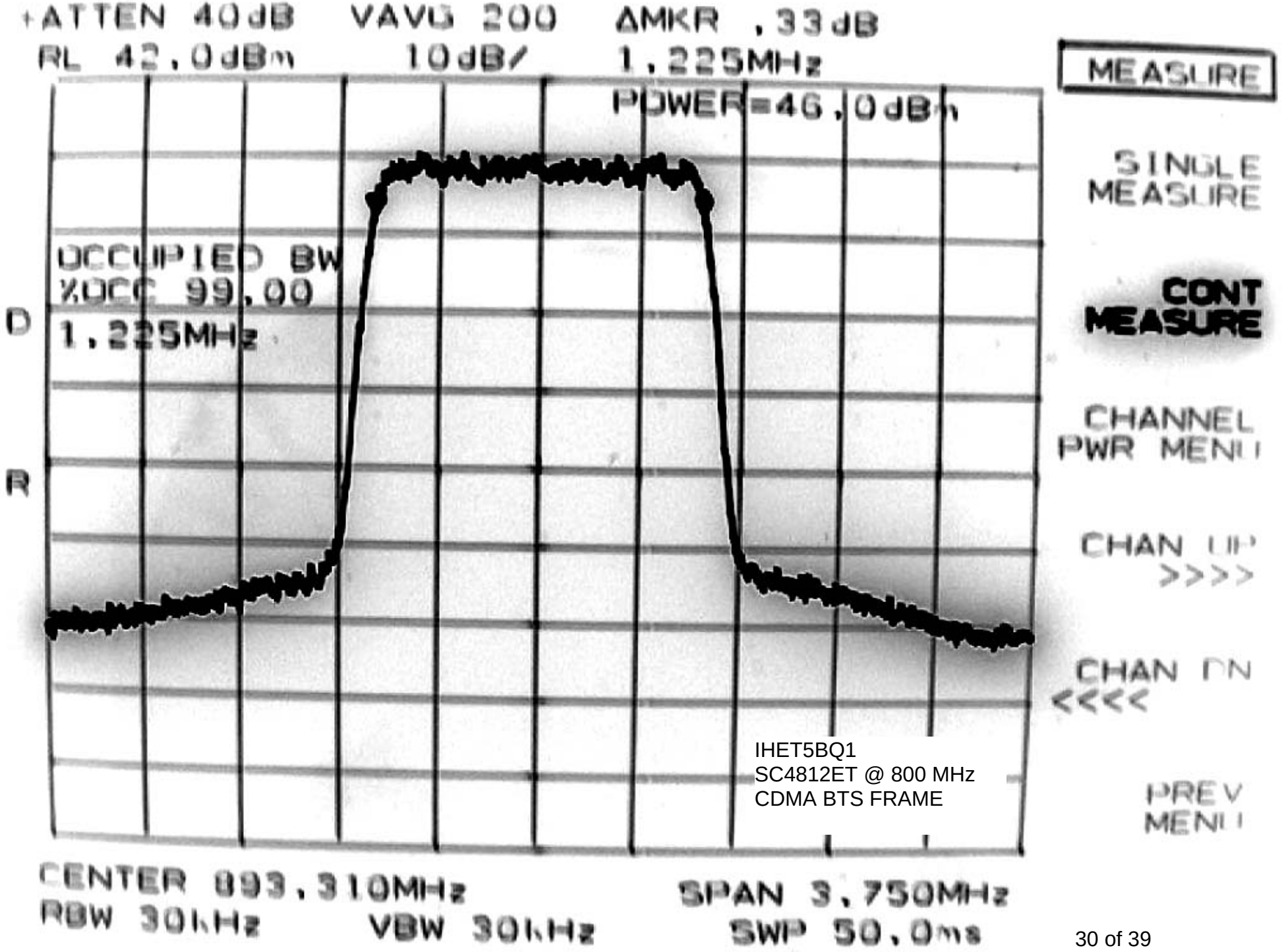
MOTOROLA

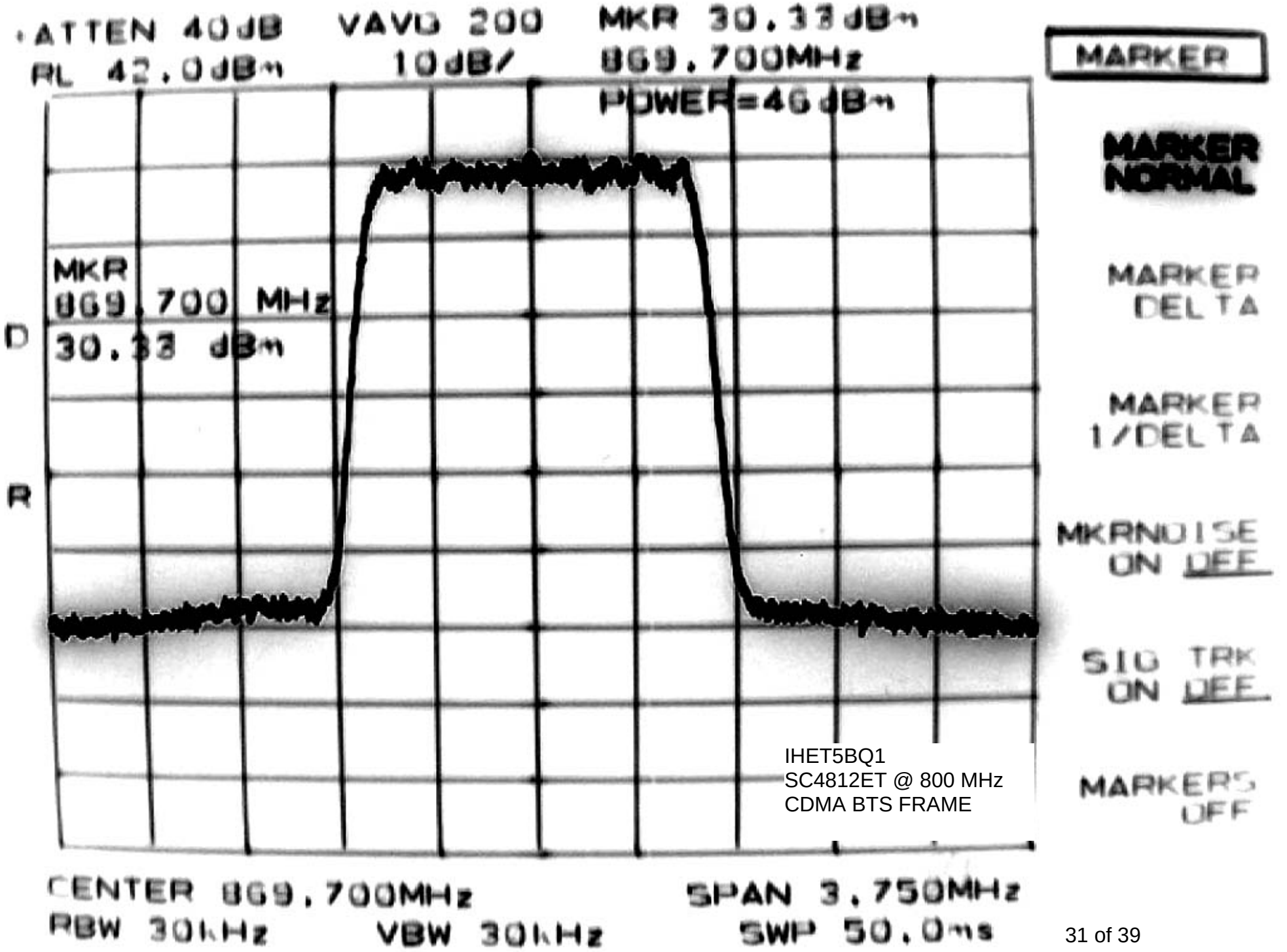
Global Telecom Solutions Sector

FCC ID: IHET5BQ1

OCCUPIED BANDWIDTH

Maximum Power


+ATTEN 40dB
RL 42.0dBm
VAVG 200
10dB/
ΔMKR .33dB
1.225MHz
POWER=46.0dBm
MEASURE
SINGLE MEASURE
CONT MEASURE
CHANNEL PWR MENU
CHAN UP >>>>
CHAN DN <<<<
PREV MENU
OCCUPIED BW
%OCC 99.00
1.225MHz
D
R
IHET5BQ1
SC4812ET @ 800 MHz
CDMA BTS FRAME
CENTER 893.310MHz
RBW 30kHz
VBW 30kHz
SPAN 3.750MHz
SWP 50.0ms


ATTEN 40dB
RL 42.0dBm
VAVG 200
10dB/
MKR 30.33dBm
869.700MHz
POWER=46dBm
MARKER
MARKER NORMAL
MARKER DELTA
MARKER 1/DELTA
MKRNOISE ON DEF
SIG TRK ON DEF
MARKERS OFF
MKR
869.700 MHz
30.33 dBm
D
R
IHET5BQ1
SC4812ET @ 800 MHz
CDMA BTS FRAME
CENTER 869.700MHz
SPAN 3.750MHz
RBW 30kHz
VBW 30kHz
SWP 50.0ms

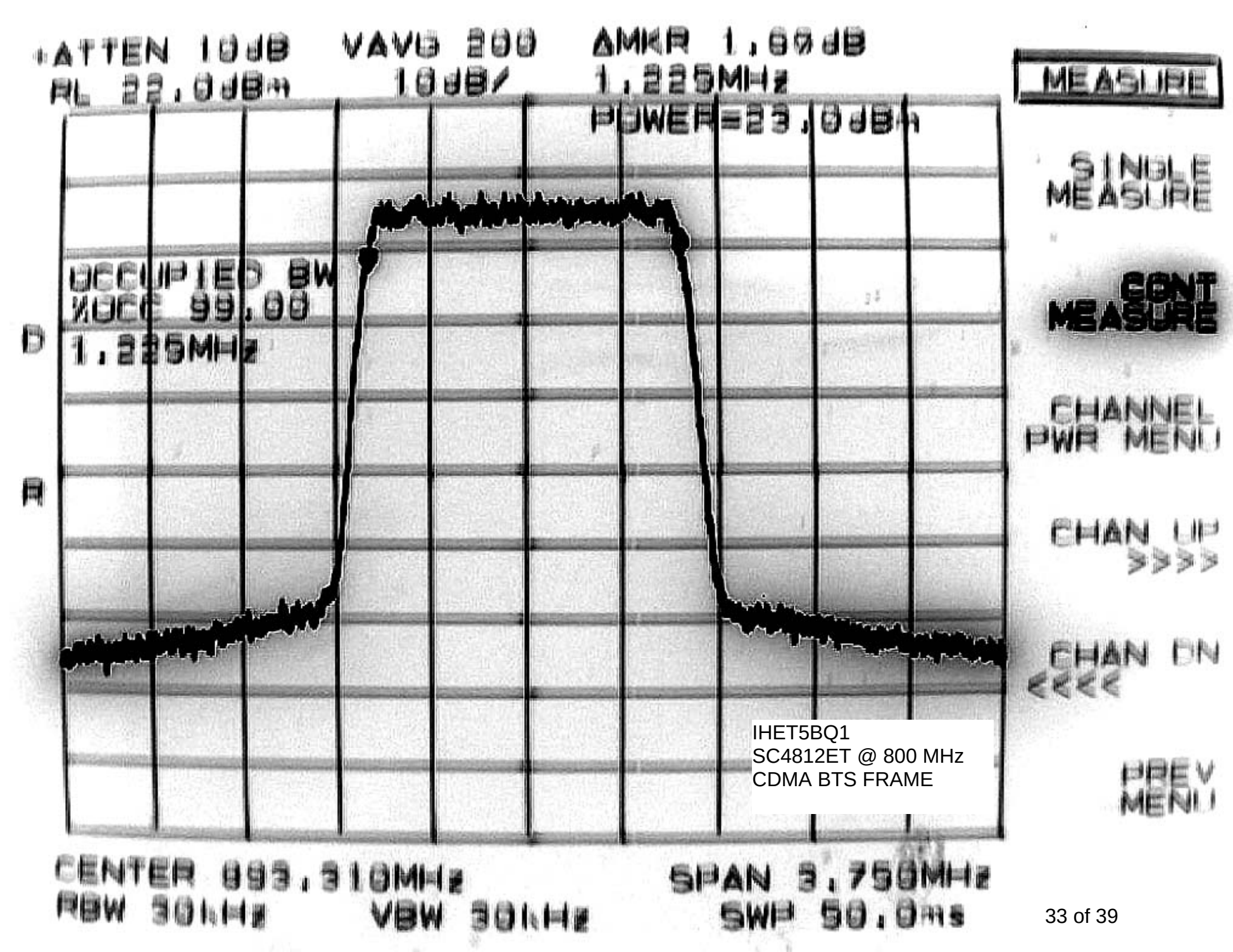
MOTOROLA

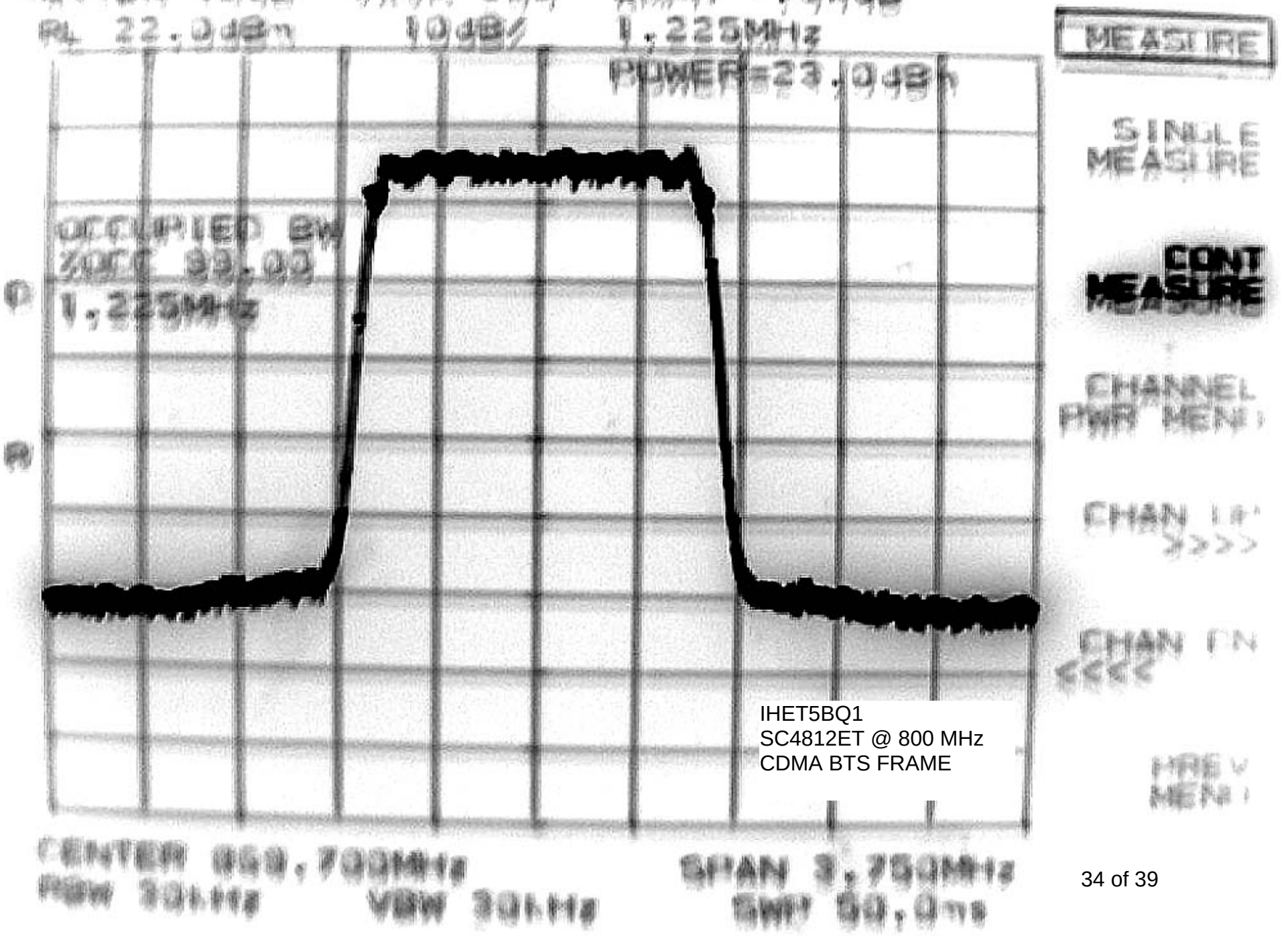
Global Telecom Solutions Sector

FCC ID: IHET5BQ1

OCCUPIED BANDWIDTH

Minimum Power


ATTEN 10dB
RL 22.0dBm
VAVG 200
10dB/
ΔMKR 1.69dB
1.225MHz
POWER=23.0dBm
MEASURE
SINGLE MEASURE
CONT MEASURE
CHANNEL PWR MENU
CHAN UP >>>>
CHAN DN <<<<
PREV MENU
OCCUPIED BW
%OCC 99.00
1.225MHz
D
R
IHET5BQ1
SC4812ET @ 800 MHz
CDMA BTS FRAME
CENTER 893.310MHz
RBW 30kHz
VBW 30kHz
SPAN 3.750MHz
SWP 50.0ms


ATTEN 10dB
RL 22.0dBm
VAVG 200
10dB/
MKR -.17dB
1.225MHz
POWER=23.04dBm
MEASURE
SINGLE MEASURE
CONT MEASURE
CHANNEL PWR MENU
OCCUPIED BW
99.00
1.225MHz
IHET5BQ1
SC4812ET @ 800 MHz
CDMA BTS FRAME
CENTER 850.700MHz
SPAN 3.750MHz
RBW 30kHz
VBW 30kHz
SWP 60.0ms

SECTION F

FREQUENCY STABILITY

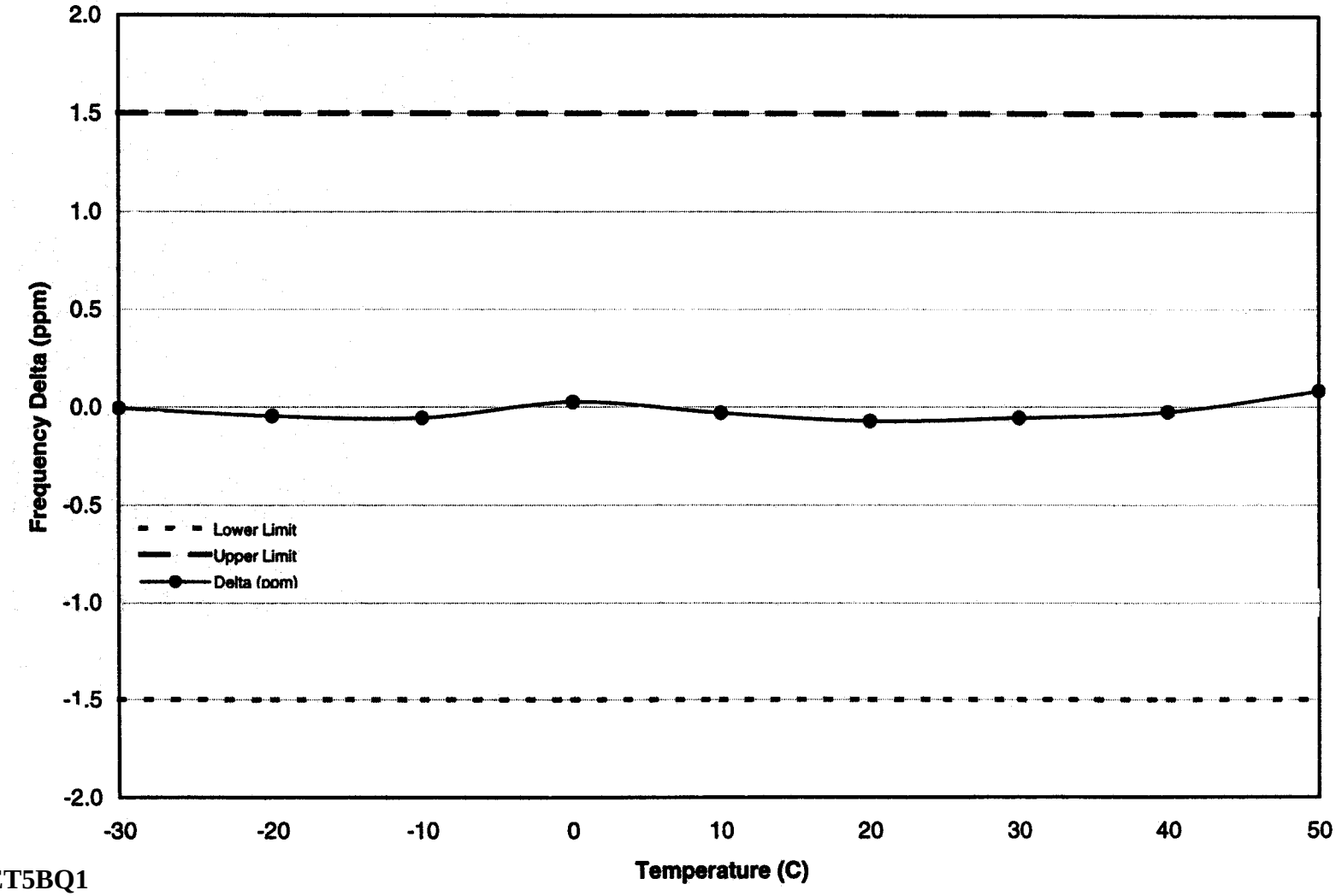
SC4812ET

MODE	27V POWER	WORST CASE Δ PPM	FCC REQUIREMENT	PASS/FAIL
CSM1	85-115%	<0.02	+/-1.5 ppm max	Pass
CSM2	85-115%	<0.02	+/-1.5 ppm max	Pass

MODE	TEMPERATURE	Δ PPM	FCC REQUIREMENT	PASS/FAIL
CSM1	-30 to +50°c	<0.2	+/-1.5 ppm max	Pass
CSM2	-30 to +50°c	<0.2	+/-1.5 ppm max	Pass

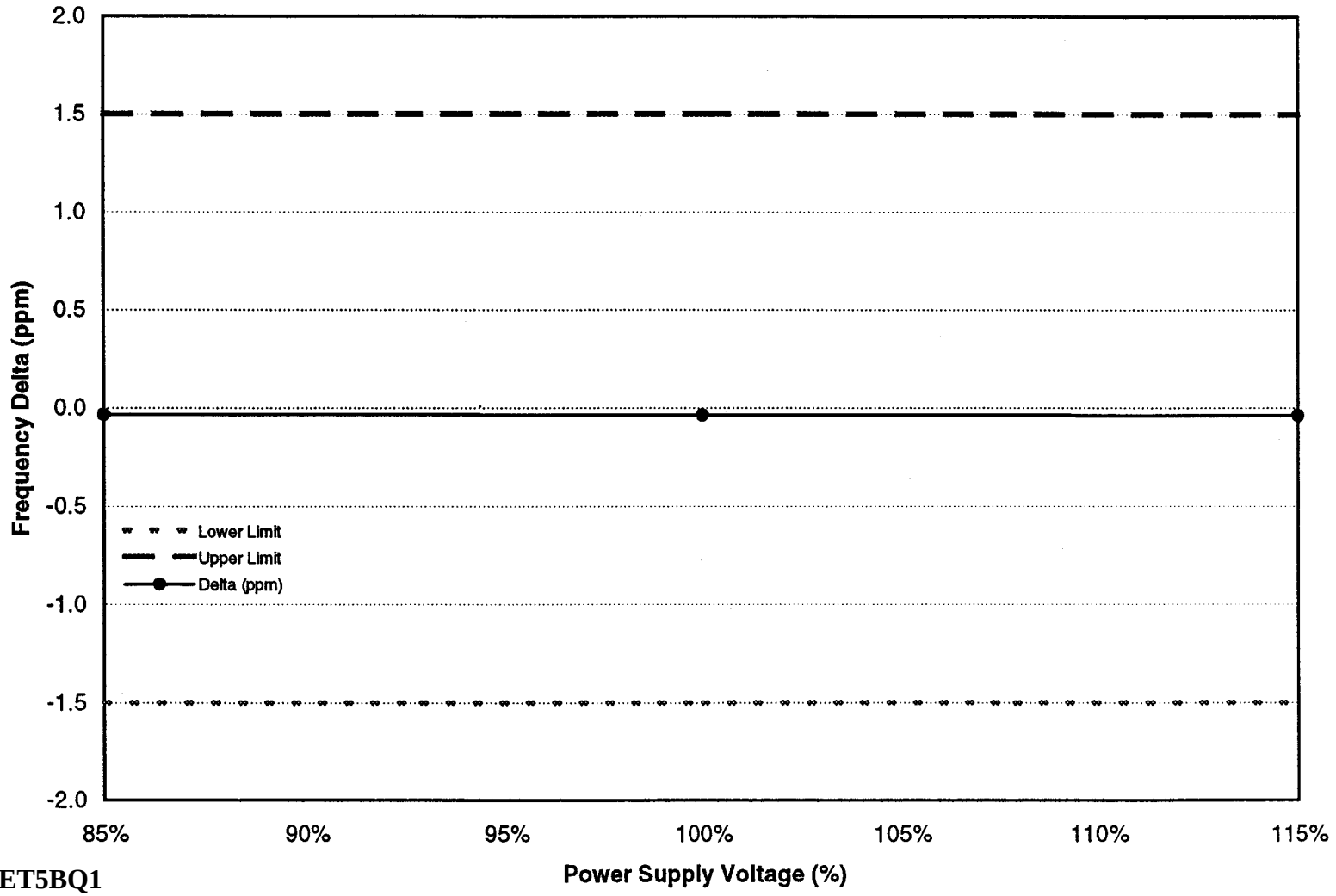
Signature: _____

Engineer: Terry Schwenk Date 8/24/01



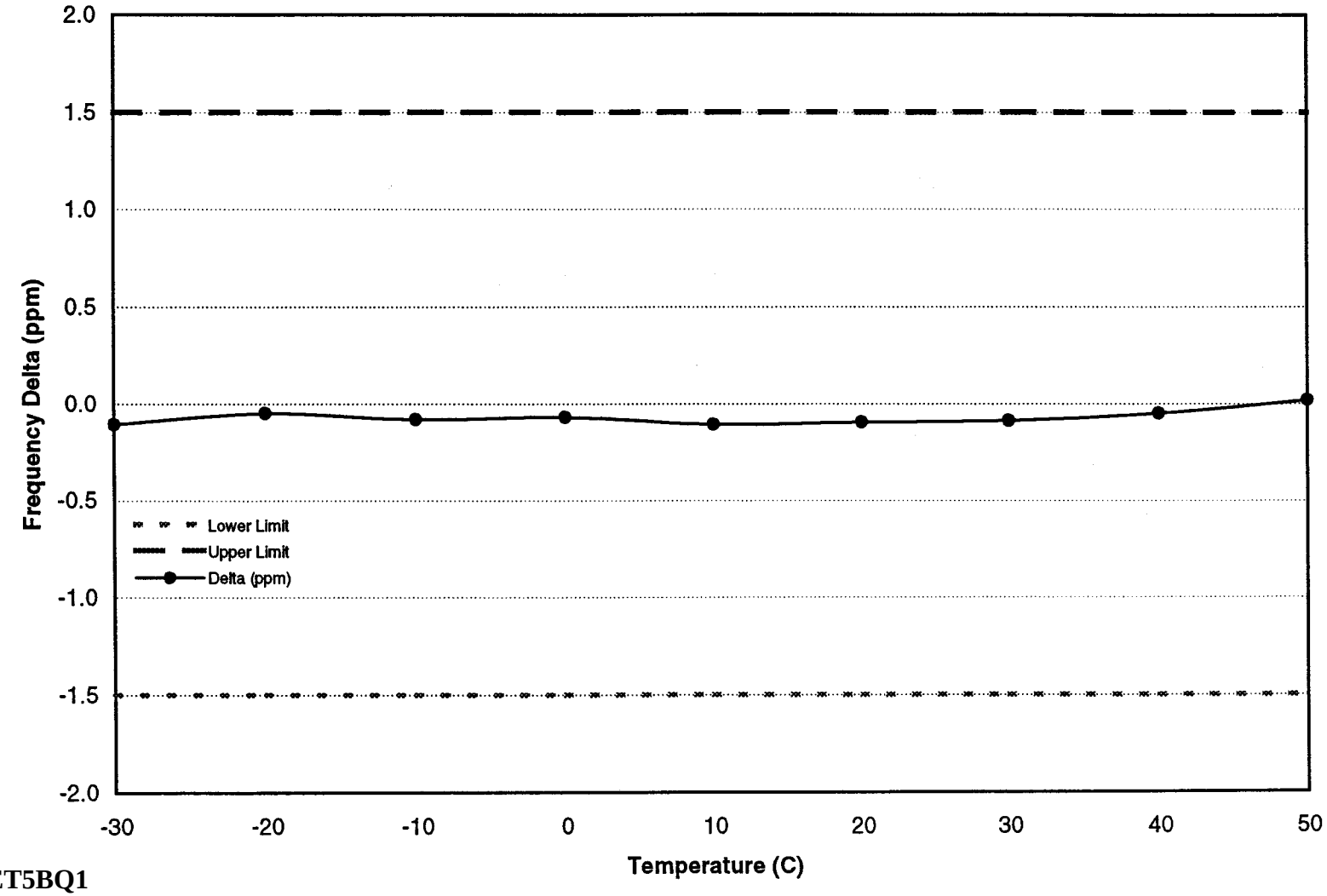
IHET5BQ1
SC4812ET @ 800 MHz
CDMA BTS FRAME

Frequency Stability with Varying Supply Voltage - CSM1



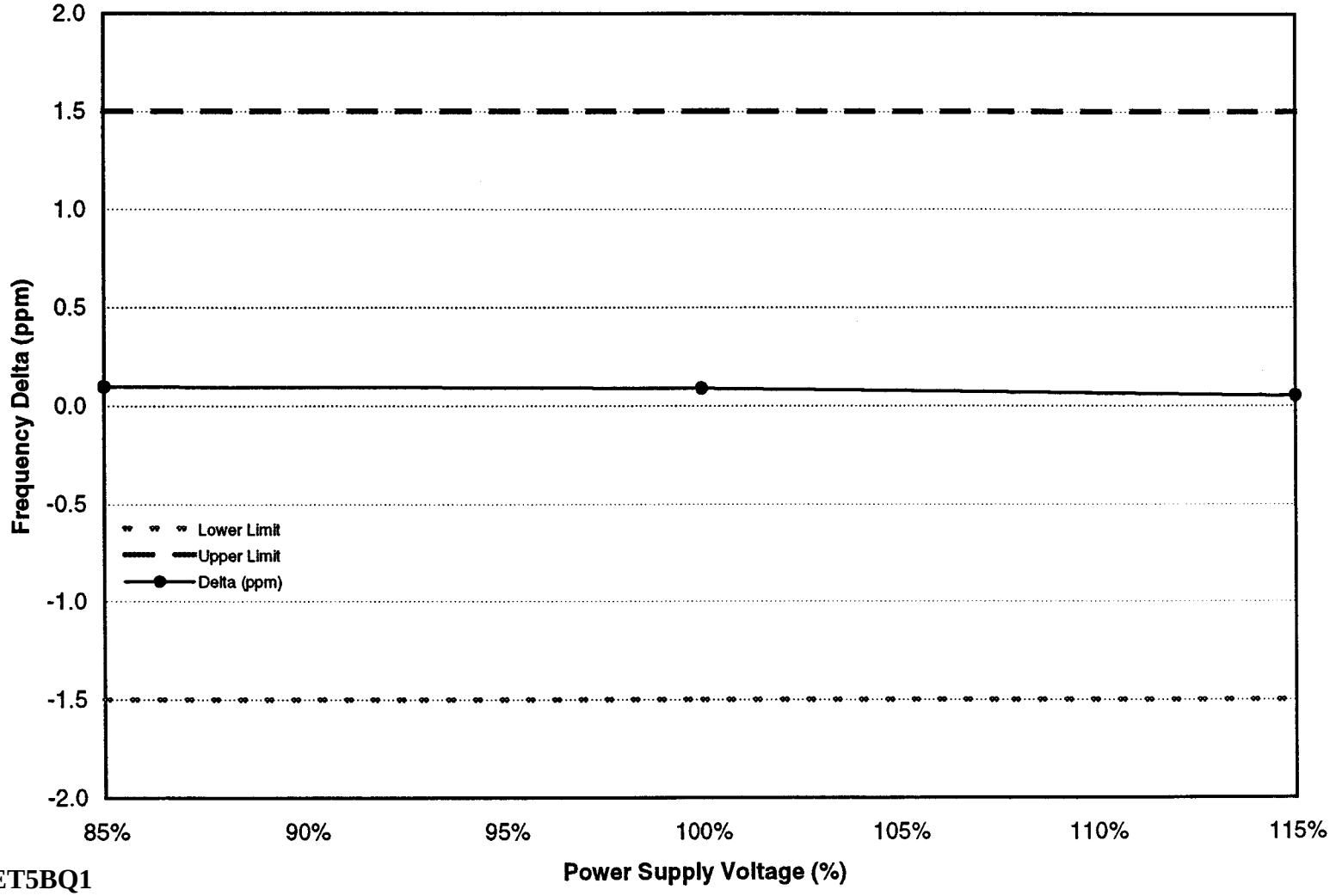
IHET5BQ1
SC4812ET @ 800 MHz
CDMA BTS FRAME

Frequency Stability Over Temperature - CSM2



IHET5BQ1
SC4812ET @ 800 MHz
CDMA BTS FRAME

Frequency Stability with Varying Supply Voltage - CSM2



IHET5BQ1
SC4812ET @ 800 MHz
CDMA BTS FRAME