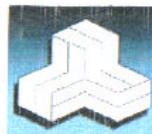


## ANNEX 1 - PLOTS FOR AC CONDUCTED EMISSIONS MEASUREMENTS

PLOT #1



UltraTech Group of Labs

Applicant:	Clearwire
Product:	
Model:	G2CPE

### CONDUCTED EMISSIONS MEASUREMENT PLOT

Detector: <input checked="" type="checkbox"/> PEAK <input type="checkbox"/> QUASI-PEAK <input type="checkbox"/> AVERAGE	Temp: 23°C	Humidity: 63 %
LINE: 1	Line Voltage: 120 VAc	Test Tech: Hung
Standard: FCC 15 A	Comments: UMEC AC Adapter, M/N: UP0251A-05P, S/N: CB063801	

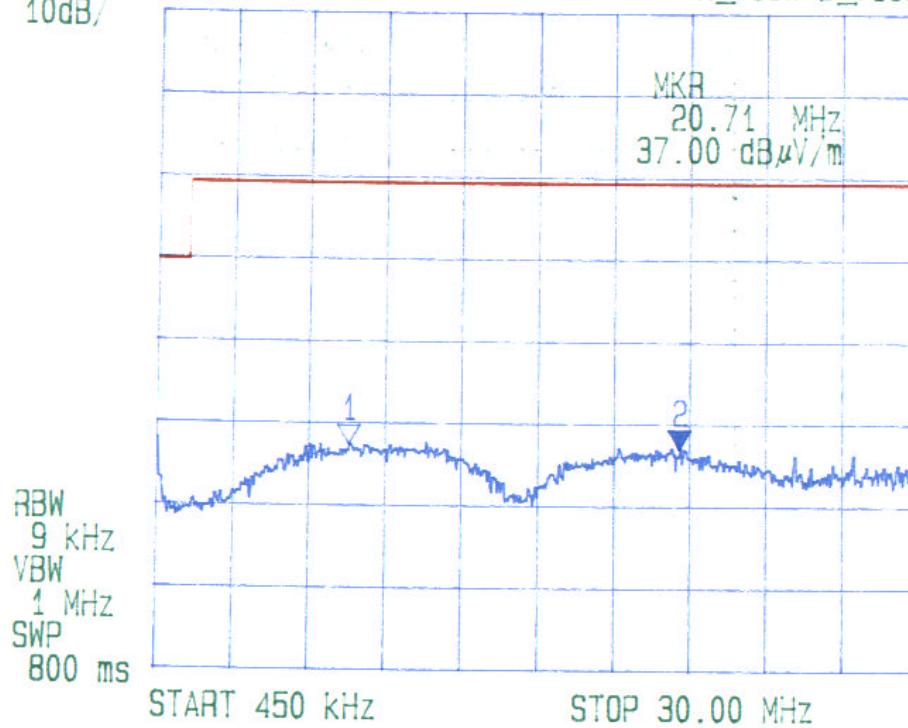
PLOT #1

FCC 15A CON EMI  
REF 90.0 dB $\mu$ V  
10dB/

ATT 0 dB

A\_view B\_view

MKR  
20.71 MHz  
37.00 dB $\mu$ V/m



**ANNEX 1 - PLOTS FOR AC CONDUCTED EMISSIONS MEASUREMENTS****PLOT # 2****UltraTech Group of Labs**

Applicant: Clearwire  
Product:  
Model: G2CPE

**PLOT # 2****CONDUCTED EMISSIONS MEASUREMENT PLOT**

Detector:  PEAK  QUASI-PEAK  AVERAGE Temp: 23°C Humidity: 63 %  
LINE: 2 Line Voltage: 120 VAc Test Tech: Hung Test Date: 31-Aug-01  
Standard: FCC 15 A Comments: UMEC AC Adapter, M/N: UP0251A-05P, S/N: CB063801

FCC 15A CON EMI  
REF 90.0 dB $\mu$ V  
10dB/

ATT 0 dB

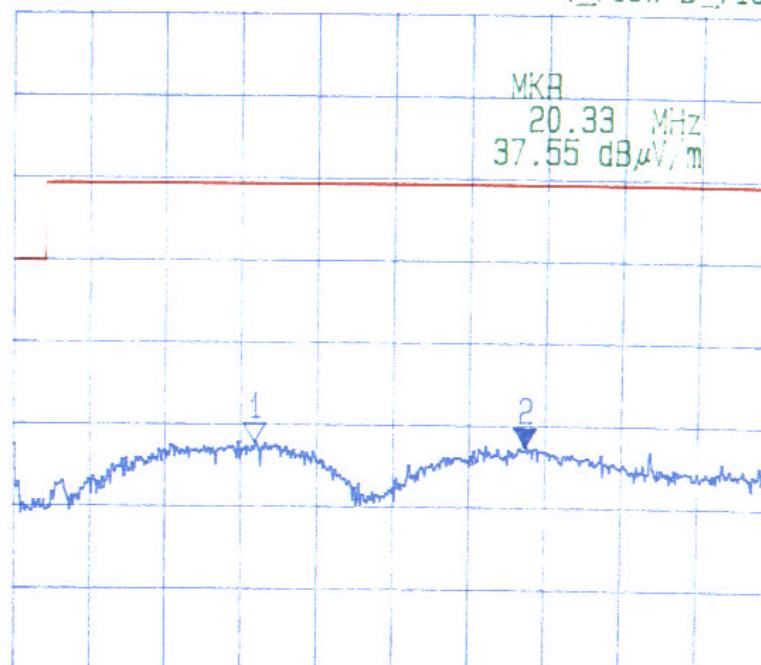
A\_view B\_view

MKR  
20.33 MHz  
37.55 dB $\mu$ V/m

RBW  
9 kHz  
VBW  
1 MHz  
SWP  
800 ms

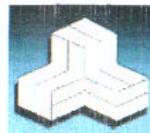
START 450 kHz

STOP 30.00 MHz



## ANNEX 1 - PLOTS FOR AC CONDUCTED EMISSIONS MEASUREMENTS

PLOT # 3



UltraTech Group of Labs

Applicant:	Clearwire
Product:	
Model:	G2CPE

## CONDUCTED EMISSIONS MEASUREMENT PLOT

Detector: <input checked="" type="checkbox"/> PEAK <input type="checkbox"/> QUASI-PEAK <input type="checkbox"/> AVERAGE	Temp: 23°C	Humidity: 63 %
LINE: 1	Line Voltage: 120 VAc	Test Tech: Hung
Standard: FCC 15 A	Comments: I.T.E. Power Supply, M/N: UP02521050	Test Date: 31-Aug.-01

PLOT#3

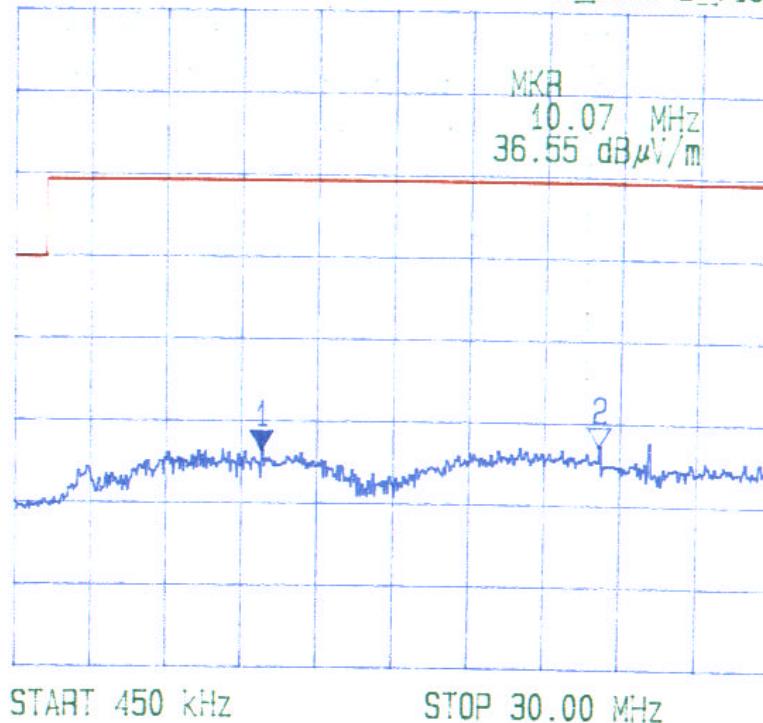
FCC 15A CON EMI  
REF 90.0 dB $\mu$ V  
10dB/

ATT 0 dB

A\_view B\_view

MKR  
10.07 MHz  
36.55 dB $\mu$ V/m

RBW  
9 kHz  
VBW  
1 MHz  
SWP  
800 ms



**ANNEX 1 - PLOTS FOR AC CONDUCTED EMISSIONS MEASUREMENTS****PLOT # 4****UltraTech Group of Labs**

Applicant: Clearwire  
Product:  
Model: G2CPE

**CONDUCTED EMISSIONS MEASUREMENT PLOT**

Detector:  PEAK  QUASI-PEAK  AVERAGE Temp: 23°C Humidity: 63 %  
LINE: 2 Line Voltage: 120 VAc Test Tech: Hung Test Date: 31-Aug-01  
Standard: FCC 15 A Comments: I.T.E. Power Supply, M/N: UP02521050

**PLOT # 4**

FCC 15A CON EMI  
REF 90.0 dB $\mu$ V  
10dB/

ATT 0 dB

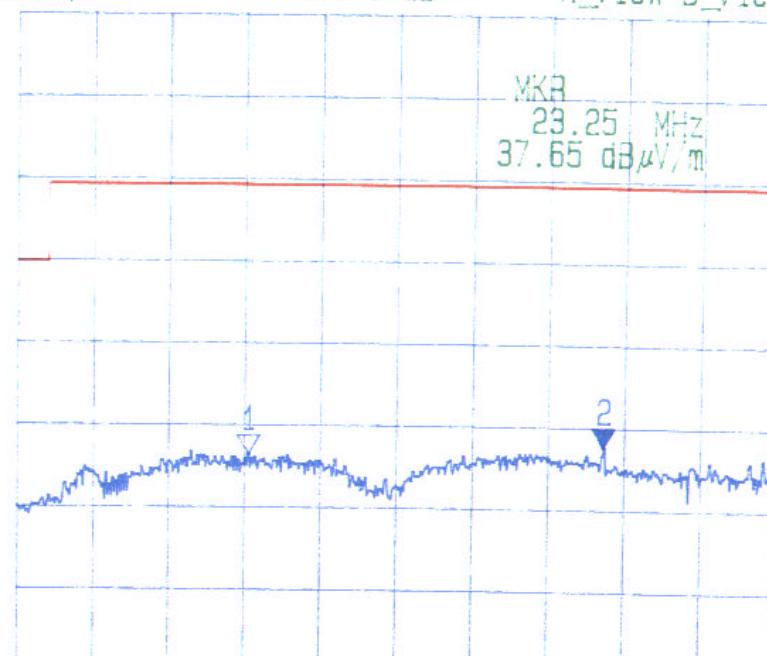
A\_view B\_view

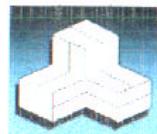
MKR  
23.25 MHz  
37.65 dB $\mu$ V/m

RBW  
9 kHz  
VBW  
1 MHz  
SWP  
800 ms

START 450 kHz

STOP 30.00 MHz



**ANNEX 1 - PLOTS FOR AC CONDUCTED EMISSIONS MEASUREMENTS****PLOT # 5****UltraTech Group of Labs**

Applicant: Clearwire  
Product:  
Model: G2CPE

**CONDUCTED EMISSIONS MEASUREMENT PLOT**

Detector:  PEAK  QUASI-PEAK  AVERAGE Temp: 23°C Humidity: 63 %  
LINE: 1 Line Voltage: 120 VAc Test Tech: Hung Test Date: 31-Aug-01  
Standard: FCC 15 A Comments: Regal Electronics Inc., M/N:SPA25N-10545, P/N: 0112

**PLOT # 5**

FCC 15A CON EMI  
REF 90.0 dB $\mu$ V  
10dB/

ATT 0 dB

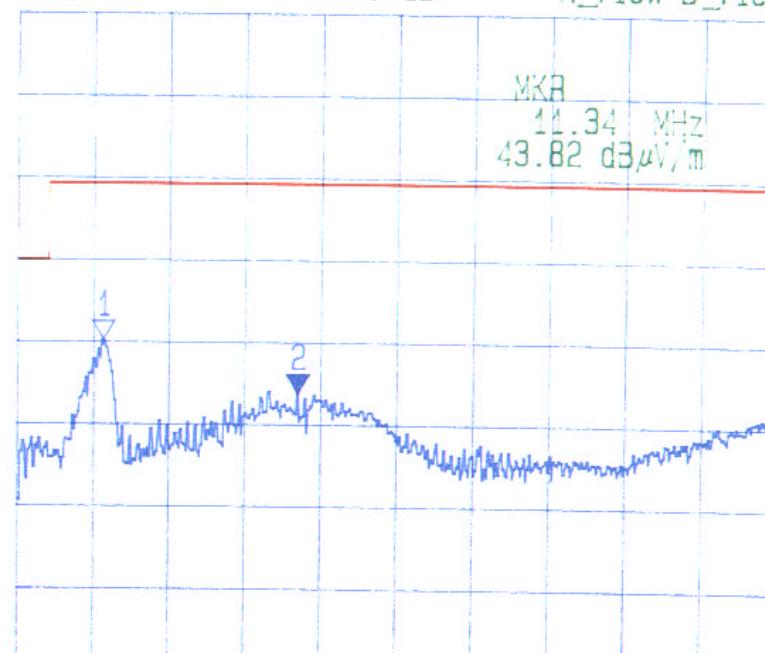
A\_view B\_view

MKA  
11.34 MHz  
43.82 dB $\mu$ V/m

RBW  
9 kHz  
VBW  
1 MHz  
SWP  
800 ms

START 450 kHz

STOP 30.00 MHz



## ANNEX 1 - PLOTS FOR AC CONDUCTED EMISSIONS MEASUREMENTS

PLOT # 6



## UltraTech Group of Labs

Applicant:	Clearwire
Product:	
Model:	G2CPE

## CONDUCTED EMISSIONS MEASUREMENT PLOT

Detector: <input checked="" type="checkbox"/> PEAK <input type="checkbox"/> QUASI-PEAK <input type="checkbox"/> AVERAGE	Temp: 23°C	Humidity: 63 %
LINE: 2	Line Voltage: 120 VAc	Test Tech: Hung
Standard: FCC 15 A	Comments: Regal Electronics Inc., M/N:SPA25N-10545, P/N: 0112	

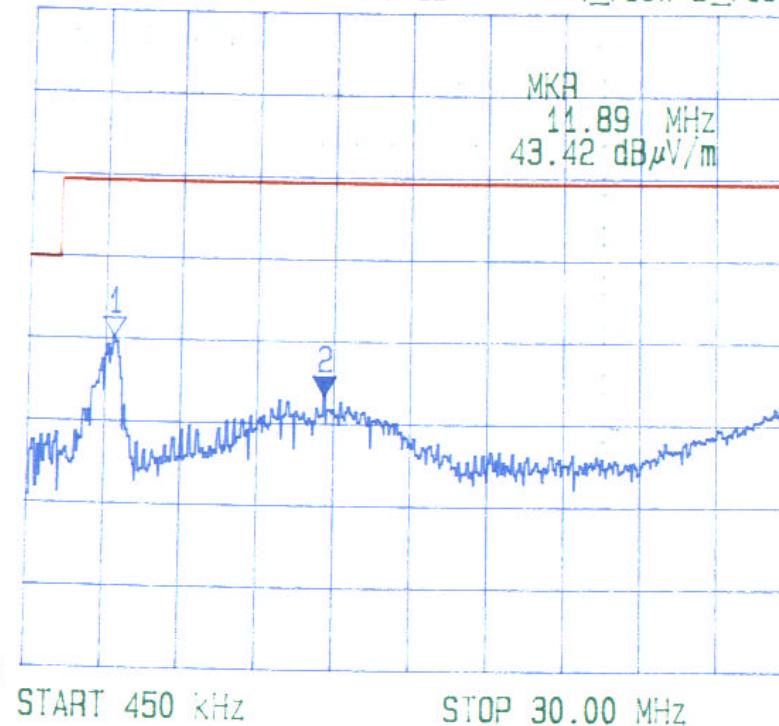
FCC 15A CON EMI  
REF 90.0 dB $\mu$ V  
10dB/

ATT 0 dB

A\_view B\_view

MKA  
11.89 MHz  
43.42 dB $\mu$ V/m

RBW  
9 kHz  
VBW  
1 MHz  
SWP  
800 ms



PLOT # 6