

ShowOptions Select Sound Card Select Sample Rate Start Minimize About Exit

Gain Contrast

435,490,675 Tune LO 435,500,000

Settings [X] [O] [M]

File Options About Refresh

| Frequency Offsets | | DC Offset (%) | | Phase Correction (%) | |
|-------------------|-------------|---------------|--------|----------------------|----------|
| IF (kHz) | Error (ppm) | I | Q | Angle | Gain |
| 0 | -106 | 0,0000 | 0,0000 | 0,0000 | 100,0000 |

x10



| | | | | | | | | |
|----------|-------------|------------|--------------|-----------|--------------|-------------|-----------|-------------|
| LNA Gain | RF Filter | Mixer Gain | Mixer Filter | IF1 Gain | IF RC Filter | IF 2-4 Gain | IF Filter | IF 5,6 Gain |
| 30.0dB | BPF, 425MHz | 4.0 dB | 1.9MHz | 6.0dB | 1.0MHz | 0.0dB | 2.15MHz | 3.0dB |
| Enhance | | Bias | | Gain Mode | | | | |
| OFF | UHF | VU BAND | | Linear | | 0.0dB | | 3.0dB |

● PLL Status FCD LO 435453824 Hz Device: FCDAPP 18.06

Speed /10 Rev WF Avg RBW 93.8 Hz AM ECSS FM LSB USB CW DRM

S-units 1 3 5 7 9 +20 +40
 Fast Slow
 AGC On Thr Vol
 Mute pk bs sql
 Squelch -109
 Avg SP1 Avg SP2
 2 2

Gain Contrast



Speed Rev N WF Avg RBW 2.9 Hz

Privilege
 Time Mix **Freq.**
 ZAP AFC Nock
 N. Red. CW Peak
 NB Notch1
 Desp Notch2

Notch

F1 1000.0 Hz
 BW1 200 Hz
 F2 1500.0 Hz
 BW2 200 Hz

02-03-2011 22:08:11
 CPU Load
 WRplus (1%)
 Total (3%)

ShowOptions

Select Sound Card

Select Sample Rate

Stop

Minimize

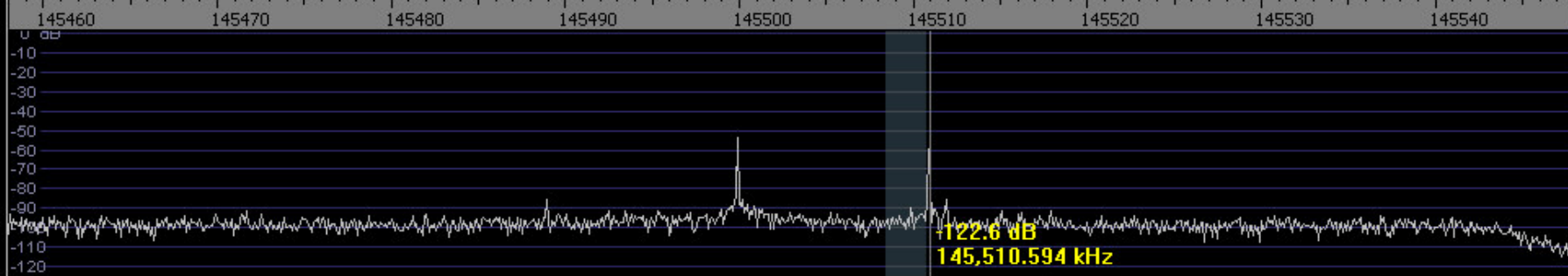
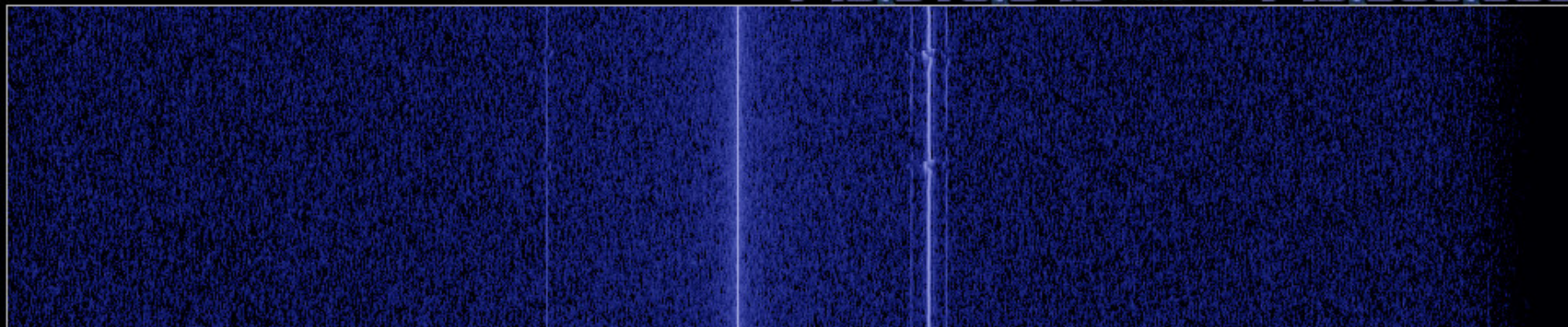
About

Exit

Gain

Contrast

145.510.945 Tune LO 145.500.000



Speed

/10

F

Rev

WF Avg

<

>

RBW 93.8 Hz

AM

ECSS

FM

LSB

USB

CW

DRM

Gain

Contrast



Fast

Slow

AGC On

Thr Vol

Mute

pk

bs

sql

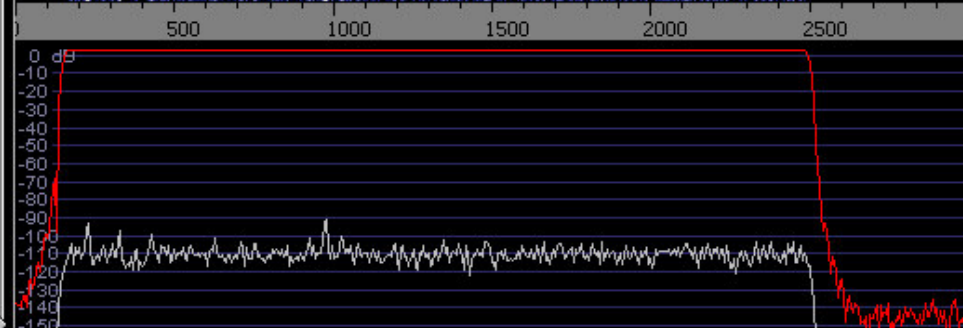
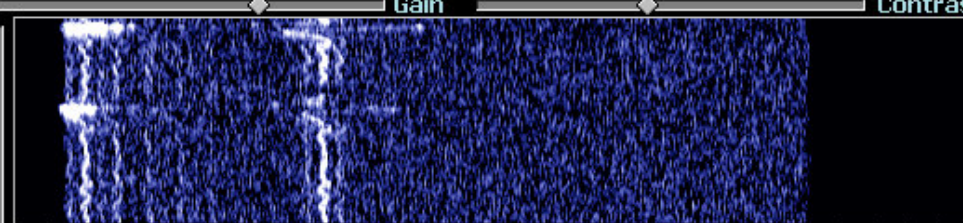
-109

Squelch

Avg SP1 Avg SP2

2

2



Speed

F

N

WF Avg

<

>

RBW 5.9 Hz

Privilege

Time

Mix

Freq.

ZAP

AFC

Nlock

N. Red.

CW Peak

NB

Notch1

Desp

Notch2

Notch

F1 1000.0 Hz

BW1 200 Hz

F2 1500.0 Hz

BW2 200 Hz

02-03-2011 22:14:15

CPU Load

■

■

WRplus (5%)

Total (6%)

Setup LO a 145500Khz com FCHid

FUNcube Dongle Frequency Control V2.0

145500 kHz

Frequency correction: 999885 0/000,000

PLL lock:

IF RSSI: 0

HIDOpen of Vid_04d8&Pid_fb56 returns 1
Success, FCD found.
HIDReadCommand returns 1
Success, FCD read command, value: 0

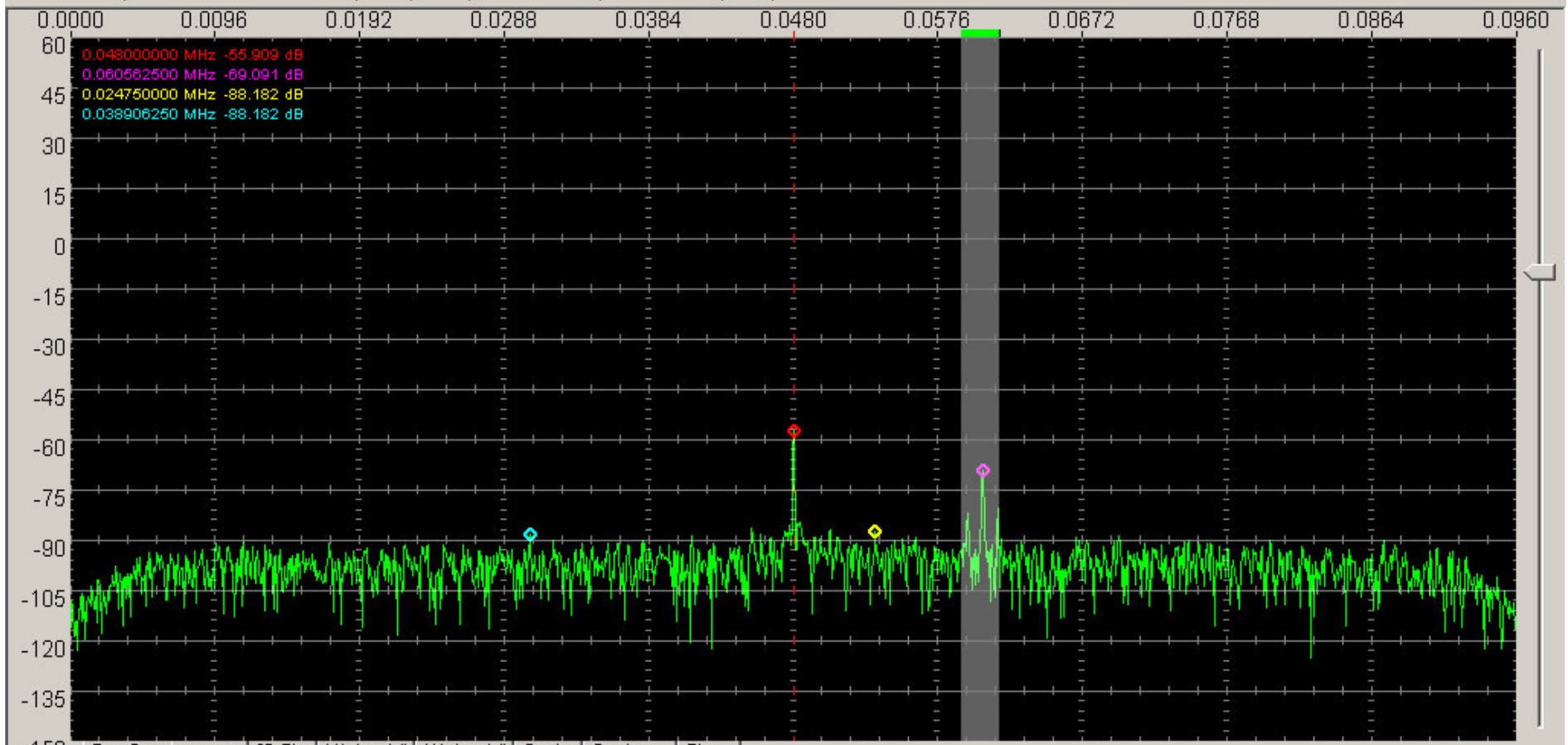
Correction DC I (Ctrl for coarse): 0.00000
DC Q: 0.00000
Gain: 1.00000
Phase: 0.00000

Set frequency
Exit
Reset to bootloader

LNA Gain: +30.0dB
RF Filter: 268MHz LPF
Mixer gain: 12dB
Mixer filter: 1.9MHz
IF gain 1: +6dB
IF RC filter: 1.0MHz
IF gain 2: 0dB
IF gain 3: 0dB
IF gain 4: 0dB
IF filter: 2.15MHz
IF gain 5: +3dB
IF gain 6: +3dB

LNA enhance: Off
Band: VHF II
Bias current: 11 V/U band
IF gain mode: Linearity

Defaults
Read device
Write device



Raw Data 2D Plot 3D Plot V Waterfall H Waterfall Combo Continuum Phase

0.061772152 MHz -102.38 dB Demod Frequency - Ins

1 FFT Ave
0 Smoothing
2048 FFT/BLK
Fs=96000 RBW= 47 Hz
15 dB/Div V Scale
NCO Null

L 0.061772 MHz Auto Scale (A)
Span 0.096000 MHz Memory(M) Channels

Stop-F10 Pause-F11 Start-F12 Record(R)

Mute SpaceBar Audio Volume

Demod On
AM WFM
FM NFM
LSB USB
DSB WUSB
CW-L CW-U
NB Off Setup...
Filter 2700 2600 100 Peak

-68.0dB