## Echosounder mode only

139.00027

Beam 4 only

pulse length .5 ms

power -20dB

**no pulse compression**

raw spacing =1 (meaning raw IQ samples are collected)

139.00028

Beam 4 only

pulse length .5 ms

power -20dB

**with pulse compression**

raw spacing =1 (meaning raw IQ samples are collected)

## Average mode only

139.00034

Beam 4 only

power -20

cell size:0.2m

blanking distance: 0.1m

## Average and Burst mode

139.00036

Beam 4 only

Average mode:

* averaging interval 8s
* measurement interval 8s
* number of pings: 1

Burst mode:

* sampling rate 1hz