

Macro cmd 0x14  
Macro ID 0x204  
Notes Use 0x326

Purpose Swp, HF  
TM rate BM  
Bias mode NN  
Fix bias P1 0 V  
Fix bias P2 0 V

Gain/bias P1 hi  
Gain/bias P2 hi

#### LF continuous data (ADC20)

Note -  
Sampled data -  
Number of signals 0  
Averaging -  
Downsampling -  
fsamp [Hz] -  
Bits/sample transmitted -  
Samples/AQP/probe -  
Cadency (if not 1) [AQPs] -  
Cadency (if not 32s) [s] -

#### HF wave snapshots (ADC16)

Sampled data 11,12  
Number of signals 2  
Downsampling 1  
fsamp [Hz] 18750  
Samples 2048  
Cadency [AQPs] 2  
Cadency [s] 64

#### Coarse sweeps (ADC16)

Probes P1, P2  
Number of signals 2  
Shape V  
Directions (1 or 2) 2  
Cadency [AQPs] 2  
Cadency [s] 64  
Range [V] [-25,+25]  
Step [V] 0.5  
Number of steps 208  
Plateau duration [cycles] 512  
Plateau duration [ms] 27.3  
Downsampling 64  
Samples per plateau 8  
Samples/sweep/probe 1678  
Sweep duration [s] 5.73

#### Fine sweeps (ADC16)

Probes -  
Number of signals 0  
Shape -  
Cadency [AQPs] 1  
Cadency [s] 32  
Offset [V] -  
Range [V] -  
Step [mV] -  
Number of steps -  
Plateau duration [cycles] -  
Downsampling -  
Samples per plateau -  
Samples/sweep/probe -

First upload [yyymmdd]

TM LF [bps] 0.0  
TM HF [bps] 1024.0  
TM CSwp [bps] 839.0  
TM FSwp [bps] 0.0  
TM total [bps] 1863.0

Field colour:

Green: currently preferred

non-LDL science macros

Orange: currently preferred

LDL science macros

Yellow: maintenance,

diagnostics, etc

White: superseded science

macros

Blue: ideas

Pink: test macros only used  
once for verifying internal  
functionality after launch, not  
for science use.

Text colour:

Black: NM

Red: BM