Macro cmd	0x43	0x44	0x50	0x64
Macro ID	0x503	0x504	0x600	0x704
Notes	Use 0x800		Use 0x525	
Purpose	Vsc, HF	Vsc, HF	Swp, HF	DL, Vsc, waves
TM rate	NM	BM	NM	BM
Bias mode	EE	EE	NN	E-
Fix bias P1	-8 nA	-8 nA	+20 V	-29 nA
Fix bias P2	+3 nA	+3 nA	+20 V	MIP
Gain/bias P1	ibias	ibias	hi	ibias
Gain/bias P2	ibias	ibias	hi	-
LF continuous data (ADC20)				
Sampled data	V1, V2	V1, V2	.	V1
Number of signals	2	2	0	1
Downsampling	64	1	1	1
fsamp [Hz]	*0,90*	*57,80*	*57,80*	*57,80*
Bits/sample transmitted	16	16		16
Samples/AQP/probe	28	1798		1798
HF wave snapshots (ADC16)				
Sampled data	V1	V1, V2	I1, I2	V1
Number of signals	1	2	2	1
Downsampling	1	1	1	1
fsamp [Hz]	*18750*	*18750*	*18750*	*18750*
Samples	272	432	256	2416
Cadency [AQPs]	5	1	8	1
Cadency [s]	*160*	*32*	*256*	*32*
Coarse sweeps (ADC16)				
Probes	.	.	P1, P2	.
Number of signals	0	0	2	0
Shape			\	
Directions (1 or 2)			1	1
Cadency [AQPs]	1	1	8	1
Cadency [s]	*32*	*32*	*256*	*32*
Range [V]			[-30, +20]	
Step [V]			1	
Number of steps			48	
Plateau duration [cycles]			512	
Plateau duration [ms]	0,0	0,0	27,3	0,0
Downsampling	1	1	128	1
Samples per plateau	*0*	*0*	*4*	*0*
Samples/sweep/probe	*6*	*6*	*202*	*6*
Sweep duration [s]	*0,00*	*0,00*	*1,38*	*0,00*
Fine sweeps (ADC16)				
Probes	.	.	.	.
Number of signals	0	0	0	0
Shape				
Cadency [AQPs]	1	1	1	1
Cadency [s]	*32*	*32*	*32*	*32*
Offset [V]				
Range [V]				
Step [mV]				
Number of steps				
Plateau duration [cycles]				
Downsampling				
Samples per plateau				
Samples/sweep/probe				
First upload	PC8	PC8		PC6
TM LF [bps]	*28,0*	*1798,0*	*0,0*	*899,0*
TM HF [bps]	*27,2*	*432,0*	*32,0*	*1208,0*
TM CSwp [bps]	*0,0*	*0,0*	*25,3*	*0,0*
TM FSwp [bps]	*0,0*	*0,0*	*0,0*	*0,0*
TM total [bps]	***55,2***	***2230,0***	***57,3***	***2107,0***

Field colour:

Green: currently prefered non-LDL science macros

Orange: currently prefered LDL science macros

Yellow: maintenance, diagnostics, etc

White: superseded science macros

Blue: ideas