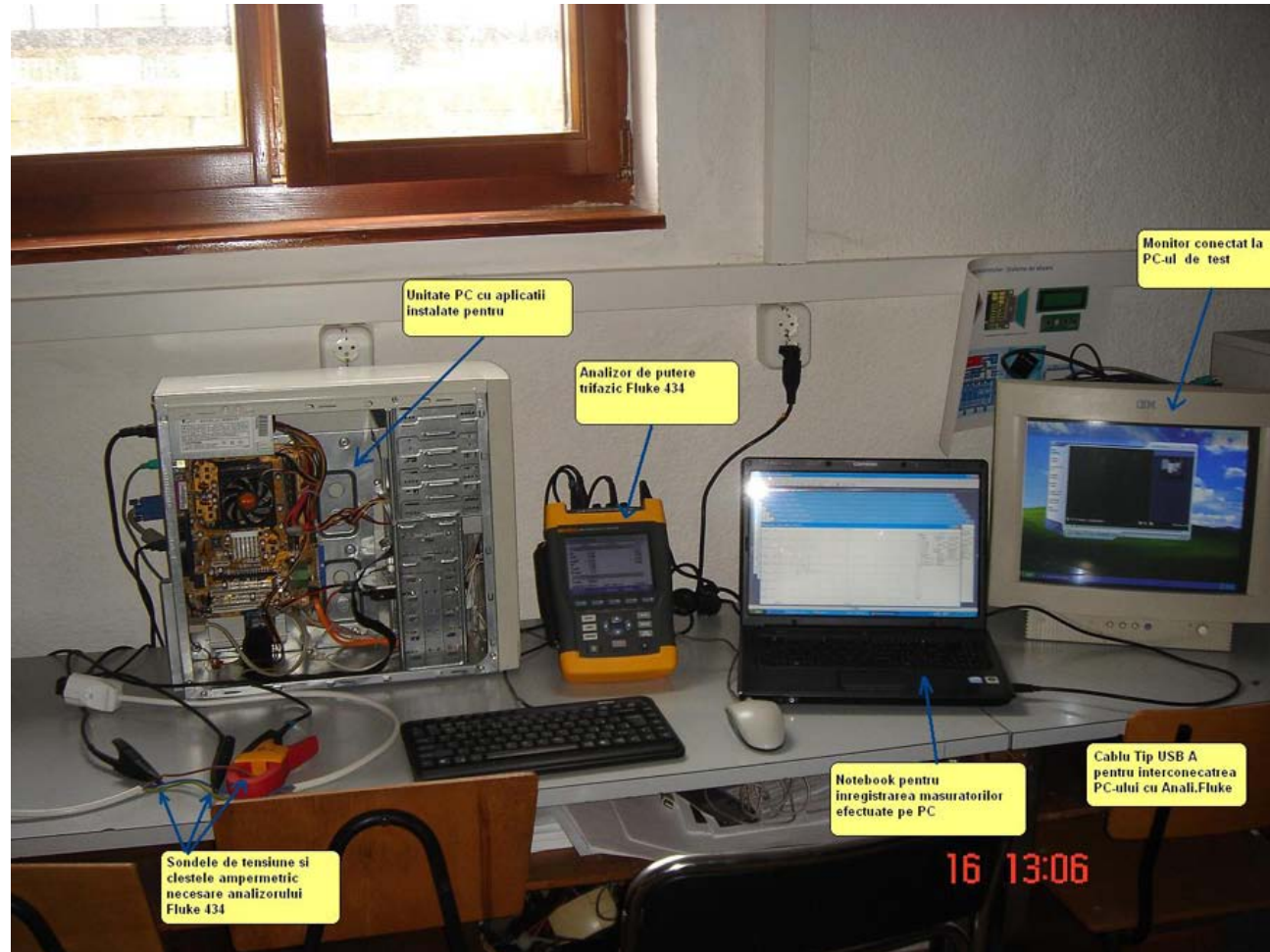


Project 7

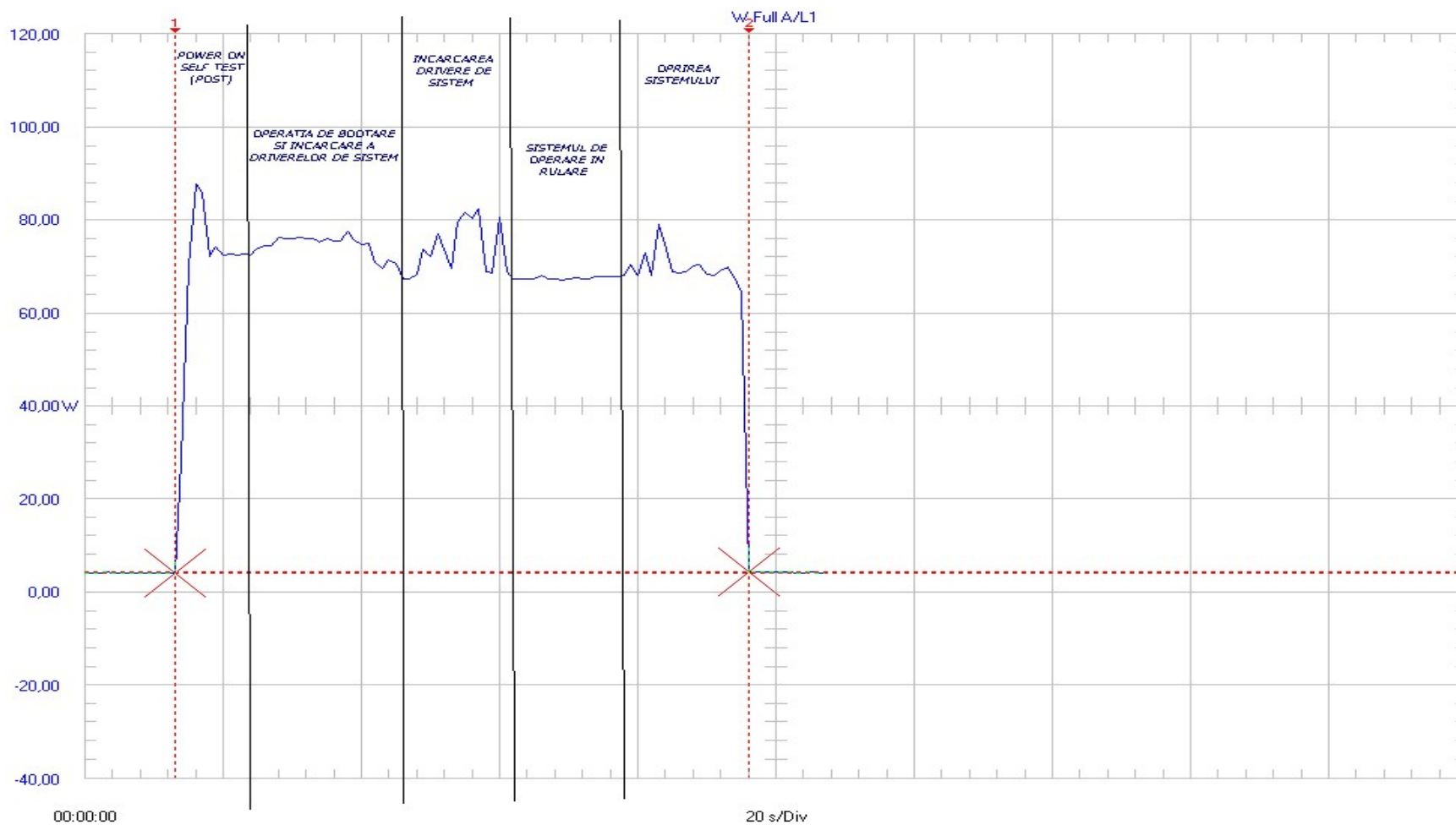
Power measurement of common computer applications



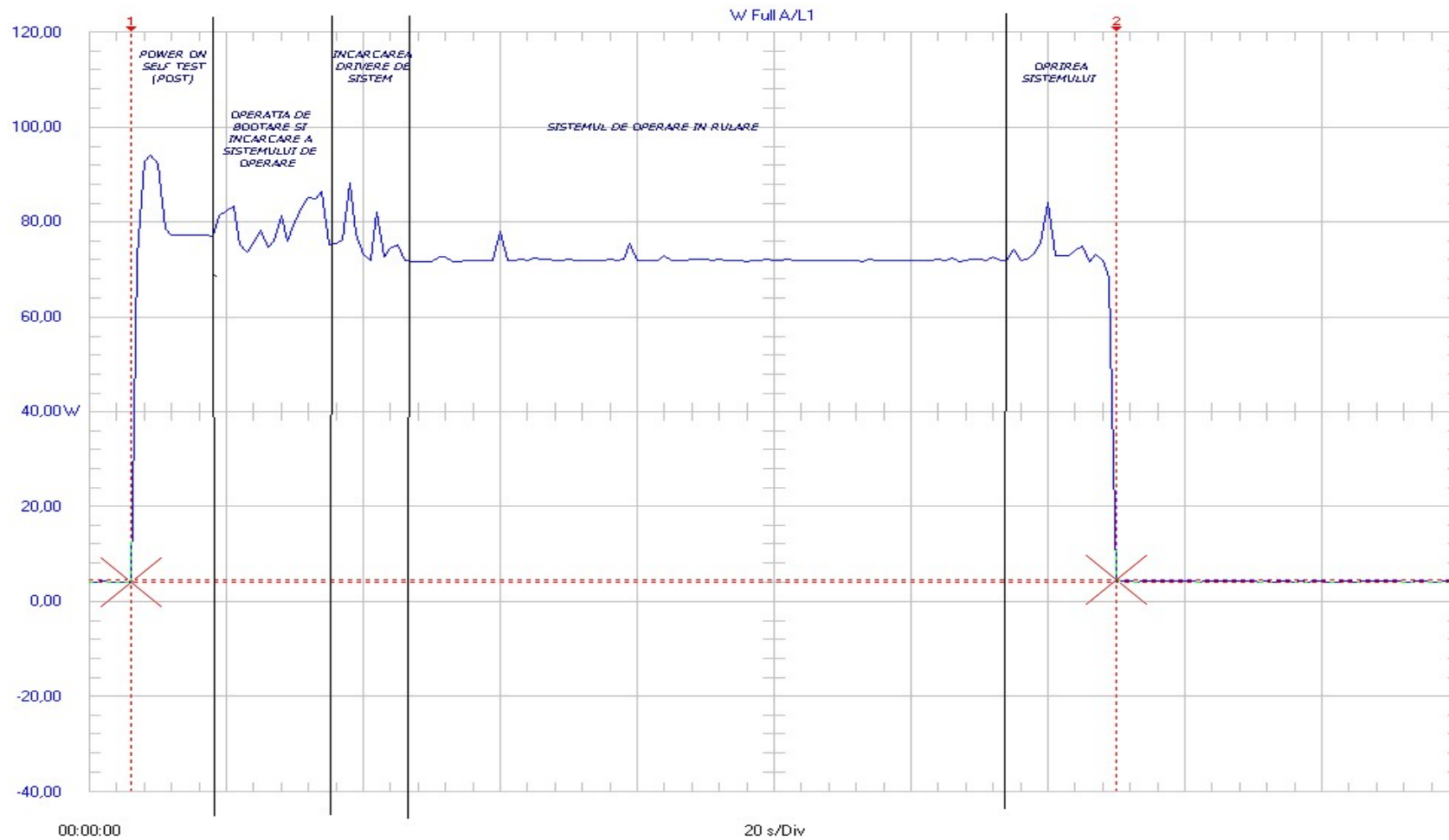
Consumuri energetice la UAL tip Intel (dual/quadro)

Model	Tact	L2 Cache (FSB)	TDP (W)
E8600	3.33 GHz	6MB (FSB 1333) (Wolfdale)	68 W
E6850	3.00 GHz	4MB (FSB 1333)	65 W
E6700	2.66 GHz	4MB	65 W
T7700	2.40 GHz	4MB (800Mhz) (65nm Merom)	35 W
T7600	2.33 GHz	4MB (FSB667)(65nm Merom)	34 W
T7500	2.20 GHz	4MB (800Mhz)	35 W
T7100	1.8 GHz	4MB (800Mhz)	35 W
T5500	1.67 GHz	2MB (FSB 667)	34 W

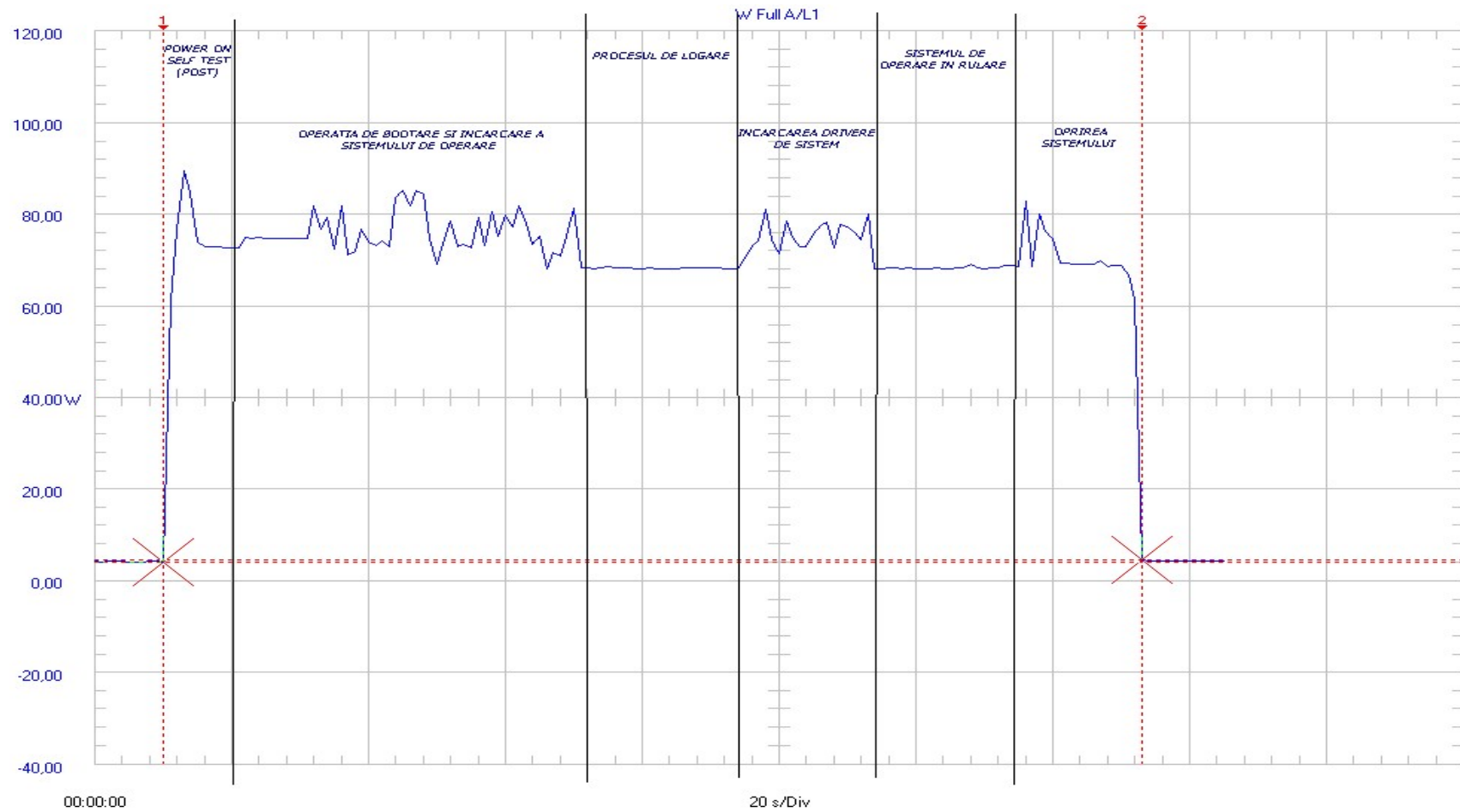
Monitorizarea consumului de energie la Microsoft Windows XP-SP2 / FAT32



Monitorizarea consumului de energie la Microsoft Windows XP-SP2 / NTFS



Monitorizarea consumului de energie la Linux KIWI (UBUNTU)





Monitorizarea consumului de energie la Microsoft Windows XP-SP2 / FAT32/NTFS Linux KIWI UNBUNTU

Microsoft Win XP cu SP2 pe FAT32	Power on self	Bootare încărcare SO	Încărcare drivere sistem	Rulare SO	Oprire sistem	Total
P med [W]	71,05	70,93	74,61	70,33	69,87	
Timp [sec]	11	24	14	15	19	83
Energia [Ws]	781,55	1702,32	1044,54	1054,95	1327,53	5910,89

Microsoft Win XP cu SP2 pe NTFS	Power on self	Bootare încărcare SO	Încărcare drivere sistem	Rulare SO	Oprire sistem	Total
P med [W]	81,01	79,66	76,32	72,16	69,08	
Timp [sec]	12	17	11	83	16	144
Energia [Ws]	972,12	1354,22	839,52	6350,08	1105,28	10621,22

Linux KIWI Ubuntu	Power on self	Bootare încărcare SO	Încărcare drivere sistem	Rulare SO	Oprire sistem	Total
P med [W]	74,80	76,06	74,82	68,43	66,36	
Timp [sec]	11	50	21	21	18	121
Energia [Ws]	822,80	3803,0	1571,22	1437,03	1203,48	8337,53