

TABLE 5 SYSTEMS' POWER CONSUMPTION IN VARIOUS OPERATING MODES

		Fujitsu Lifebook-P1510D	Dell Inspiron 700m	Dell Latitude D820 (single-core mode)	Dell Latitude D820 (dual-core mode)
Standby	Voltage (V)	122.8	122.1	121.6	121.6
	Current (A)	0.01	0.01	0.04	0.04
	Active power (W)	0	0	2	2
	Apparent power (VrmsArms)	1	1	5	5
	Power factor (W/VrmsArms)	0.51	0.66	0.4	0.4
Idle	Voltage (V)	122.5	122.1	122.1	121.4
	Current (A)	0.12	0.21	0.22	0.48
	Active power (W)	7	11	13	13
	Apparent power (VrmsArms)	14	25	29	56
	Power factor (W/VrmsArms)	0.5	0.43	0.49	0.24
Full active	Voltage (V)	121.8	122.2	121.9	122.2
	Current (A)	0.22	0.54	0.28	0.31
	Active power (W)	14	30	34	40
	Apparent power (VrmsArms)	27	65	34	40
	Power factor (W/VrmsArms)	0.55	0.46	1	1